# Osteopathen/innen und Ärzte/innen - ein Spannungsfeld?

Eine quantitative Sozialstudie über die Zusammenarbeit von Osteopathen/innen mit Ärzten/innen aus der Sicht der Osteopathen/innen.

## Master Thesis zur Erlangung des Grades Master of Science in Osteopathie

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## Eidesstattliche Erklärung

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28.02.2008 Margit Lammer

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#### 1 Introduction and Purpose of the Study

I have decided to take a closer look at the cooperation of osteopaths and medical doctors for my recent study.

My being interested in this very special topic has its origin in a number of aspects. For once there is my own permanent desire for cooperation with doctors, second, I am interested in how my collegues handle it and think about it.

Furthermore when I read into the various topics of my collegues, I realized that there were some among them trying to find out what doctors know about osteopathy.

Wotruba (in Arbeit): "Die Bekanntheit und Akzeptanz der Osteopathie bei niedergelassenen Ärzten im ländlichen und kleinstädtischen Bereich am Beispiel Wald und Weinviertel", Eppensteiner (2006): "Erstellung eines Fragebogens, um einen Zugang zum ärztlichen Wissen über Osteopathie möglich zu machen". Implying that osteopaths think that doctors are not interested in osteopathy does not feel right for me and that is where I want to step in. I think that we have to approach doctors more often, but that should be answered by the study. Other topics which belong in this field of research are by Krönke (2006): "A questionnaire to evaluate Osteopathy in Austria Pilot study", Wagner Scheidl (2006): "How do they end up coming to us?". As far as I know nobody has ever focussed on the aspect of cooperation between doctors and osteopaths. One research is being conducted at the moment: "Die Zusammenarbeit Zahnärzte und Osteopathen".

From my point of view the central questions have so far been left unanswered:

- Is there something such as cooperation between doctors and osteopaths and what is it like?
- How crucial is the educational background?
- What is the actual state of cooperation?
- Is there a difference between females and males concerning cooperation?

Speaking of osteopaths, there is no explicit legal regulation in Austria so far. Practising as an osteopath is only possible under the "guise" of one's primary profession, graduates of all-day schooling (e.g.: in Great Britain) are not authorized to practise in Austria.

Osteopaths who do not have a medical education are not allowed to diagnose (medical law) and so the treatment by such an osteopath is only possible after a referral by a medical doctor. There is also no authorization to refer patients to other specialists (e.g.: radiologists, ...) The law forbids a full-time education without a medical education first. Osteopathy is not acknowledged as an orthodox medical treatment.

In Austria osteopathy is not a recognized profession, which means that our work is not legalized. As a consequence of this legal state, our patients are not refunded by the medical insurance companies.

Since I have been working as a physiotherapist, I know that basically cooperation is limited to the writing of letters of referral, which physiotherapists need to justify their work on the patient.

First of all the term "cooperation" has to be defined:

"Das gemeinschaftliche Arbeiten an einer Sache" (Wikipaedia- Wörterbuch internet 18. Juli 2007) "Working together for one cause" (translated by Lammer 2007), or: "Menschen die an einem Projekt arbeiten" (Wikipaedia – Wörterbuch internet 18. Juli 2007) "People who work on a project" (translated by Lammer 2007). The project in this case would be the patient, who both (doctor and osteopath) should help mutually in order to improve the patient's quality of life.

"Wichtig ist hier der Punkt: zum dauerhaften beiderseitigen Vorteil. Wirklich partnerschaftliche Zusammenarbeit wird letztlich nur dadurch garantiert, dass beide Systeme mit den Folgen ihres eigenen bzw. gemeinsamen Handelns konfrontiert werden" (Wikipaedia- Wörterbuch internet 18.Juli 2007) "It is important to point out: for a long-lasting mutual advantage. After all, fully working together as partners is only guaranteed if both systems are confronted with the results of their individual and mutual doings" (translated by Lammer 2007). According to this definition a contact between osteopath and doctor should take place and opinions should be shared.

"Mit jemand gemeinsam für bestimmte Ziele arbeiten, zur Bewältigung bestimmter Aufgaben gemeinsame Anstrengungen unternehmen". (Duden, Deutsches Universalwörterbuch Bibliograph. Institut 83 Mannheim, Wien, Zürich) "Working together for certain goals; mutual effort in order to deal with certain tasks" (translated by Lammer 2007). I have a special interest in the issue of cooperation, which of course is more time-consuming, but I think a good health system can only operate successfully, when everybody acts in concert. Never mind how costly it may be.

Summing up the latter definitions of the term cooperation referring to the topic of the research, the osteopath (as well as any other person working in the field of medical care) and the doctor should work together for the benefit of the patient and hold up communication.

There is also the need for a constant exchange of knowledge, to enable mutual appreciation and referrals or is it just a form of cooperation, based on the fact that one knows about the qualities of the other? The same question was posed by Käppeli:" Is cooperation a question of the individual personality and maybe modified by structures? If there were types of people who are more likely to cooperate than others this would probably mean that interprofessional cooperation in some places is likely to be equally as problematic as intraprofessional cooperation." Käppeli (1995). Interdisciplinary cooperation usually shows better results than the individual disciplines could. Cooperation, that is what a study of the profile of the profession of physiotherapists by Schörner (2002) shows, is not always free of friction. According to the persons asked, there is a diverging view of responsibility leading to a discussion of competence. (e.g.: midwives concerning prenatal treatment)

Cooperation is an important aspect in other fields as well and is confronted with similar kinds of problems. Thus the following definition of intercultural cooperation shows how important it is to see the differences and to react to them accordingly. The definition of cooperation in the cultural field says:

"Die konkrete Ausprägung des Schlagworts "Globalisierung" ist auf Projektebene die Notwendigkeit zur internationalen Zusammenarbeit und damit zur zwischenmenschlichen Kommunikation über kulturelle Grenzen hinweg.

Wer mit Menschen aus fremden Kulturen zusammenarbeitet, muss deren Sitten und Gebräuche, Gefühle und Befindlichkeiten kennen und respektieren. Er muss umgekehrt seinen Partnern aus anderen Kulturkreisen die eigenen Verhaltensweisen vermitteln können. Nur wer Unterschiede bewusst wahrnimmt, vermeidet Kosten, Zeitverluste, Fettnäpfchen und Konflikte. Und er kann die Synergieeffekte multikultureller Zusammenarbeit besser nutzen.

Kulturelle Unterschiede beeinflussen die Dynamik von Projektteams. Sie stellen ein kreatives Potenzial für die gemeinsame Entwicklung innovativer Ideen dar.

Andererseits können sie Missverständnisse, Verärgerung und Misstrauen auslösen und

so die Zusammenarbeit erheblich belasten. Interkulturelle Kompetenz ist deshalb ein wichtiger Erfolgsfaktor internationaler Projekte."( Projekt Magazin 2007)

"The concrete meaning of the catch phrase "globalisation" on the level of projects denotes the necessity of international cooperation and thus of interhuman communication crossing cultural boundaries.

Whoever works together with people of foreign cultures must know and respect their customs, feelings and emotional status. On the other hand he or she must be able to convey his or her own pattern of behaviour for the partners of different culural circles. One needs to be consciously aware of the differences in order to avoid expenses, loss of time, embarassments and conflicts. Moreover the synergy effects of multicultural cooperation can be used in a better way.

Cultural differences influence the dynamics of project teams. They constitute a creative potential for the mutual development of innovative ideas. On the other side they can trigger misunderstandings, annoyance and suspicions and thus heavily burden the cooperation. Intercultural competence therefore is an important aspect for the success of international projects." (Projekt Magazin, 2007 translated by Lammer 2007)

Speaking of cooperation between osteopaths and medical doctors this definition means that it is important to know and respect the different approaches to a patient's problem in order to reach a mutual form of communication, which denotes the same thing with the same term.

There is also a description in the following work: Interprofessional cooperation: why is partnership so difficult, Käppeli (1995):" Each of the health care professions sees a clients situation from their unique perspective." "Although most health professionals are aware of the significance of interprofessional cooperation, almost every day its inherent difficulties are experienced."

#### 2 Basics

In order to focus on the topic of cooperation, it seems useful to explain the term of "osteopathy" first.

"How does one become an osteopath in Austria?", I was often asked during conversations. Osteopaths are organized within the Austrian Society for Osteopathy (ÖGO) counting 170 medical and non-medical members currently.

The Vienna School for Osteopathy (WSO) offers 6 years of training (1500 teaching units) finishing with the title DO (Diplom-Osteopath) for physiotherapists, doctors and dentists and exists since 1991. (Up to now there have been about 200 graduates, 43 osteopaths who have finished with a diploma and there are about 360 students currently being trained.)

Since autumn 2005 a university training is offered in cooperation with the "Donau Universität Krems" finishing with a "Master of Science" (osteopathy). The osteopathic centre for children organizes two years of additional training in pediatric osteopathy cooperating with the WSO. Within this form of training handicapped and seriously ill children are being treated by the help of donations.

Basically two systems of training for osteopathy exist in Europe. There is a 4 to 5 year full-time education, final exams required, and a 5 to 6 year part-time education (of about 1500 units) for physiotherapists, doctors and partly also for members of other medical professions.

The profession of the osteopath is not regulated in Europe except for Great Britain and Finland. Unfortunately that is the reason why in nearly all countries there are also organizations that offer short training courses for osteopathy, which do not adequately school the sense of touch or teach the most relevant facts.

A pilot study of the year 2006 by Katrin Krönke, which was conducted in the course of a diploma thesis, about the profession of the osteopath in Austria (see Krönke 2006), poses the question:

#### 2.1 "How does osteopathy manifest itself in the Austrian health system?"

This is answered accordingly: Osteopaths treat patients throughout the whole country: in cities as well as in rural regions.

Although osteopathy has no representation in hospitals or recreation centres, patients can visit private practises.

Regarding the time of therapy osteopaths really take their time to offer adequate treatment. Most osteopaths take about one hour for their first treatment and 45 minutes for the subsequent ones.

Patients with acute troubles are in for about 5 therapies on the average and visit the osteopath about once a week. Patients with chronic pain are normally treated seven times about once a fortnight.

The first treatment costs about 50-100 €.(see Krönke: "Berufsfeldforschung Osteopathie in Österreich 2006")

Patients can only be refunded if they have a private insurance. By now some of the insurance companies partly refund the costs of treatment.

#### 2.2 History of Osteopathy

It is certainly interesting to take a glance at the history of osteopathy, because in Austria the profession of the osteopath exists only since the 90-ties, but osteopathy outside of Austria has a long tradition.

Since this study is about cooperation, it seems obvious that the individual medical professions gain a certain knowledge about eachother's work. Therefore the following provides a survey of the history and working method of osteopathy.

The following excerpt is taken out of Wagner-Scheidl (2006) who gives a very precise and comprehensive definition of the history of osteopathy.

"The history of manual techniques is probably as old as humanity itself. A variety of these treatments has been applied in all cultures known to man (cf. Winkel 1997, p95). Hippocrates (460-377 BC) used manipulation and traction. In his time healing was closely associated with religion and the occult. By contrast, he described the power that made healing possible as "Nature". This can be regarded as the basis for modern medical thinking (cf. Fossum 2002, p2). In the Middle Ages this way of thinking fell into oblivion until the English physician Thomas Sydenham (1624-1689) revived the concept. But it was not until much later that the American physician Dr. Andrew Tyler Still (1828-1917), the "father of osteopathy", founded a whole treatment system on it. He discovered that disharmony in the mechanics of the body can disturb not only the structure of the affected tissue but also the functioning of distant structures such as the

inner organs (cf. http://www.wso.at as at 10.10.2006]). Furthermore, he recognised that the removal of blockages in joints can treat not only local complaints but also disruptions in other parts of the body. Based on these findings Dr. Still developed a method for the reinstatement of mobility in the body, which is known as osteopathy. However, the important basic principle of this new medical philosophy of Still's is, as it was for Hippocrates, the healing power of nature (cf. Greenman 1998, p22). His attempts to get his medical colleagues interested in his concepts were unsuccessful despite teaching at Baker University in Kansas. However, he achieved fame through his increasing clinical successes and many came to observe him at work in order to learn the new science of osteopathy. This lead in 1892 to the foundation of the first college for osteopathic medicine, "The American School of Osteopathy "(ASO) in Kerksville, Missouri. To this day osteopathy is a complete medical and surgical branch of study and education in the United States (cf. Greenman 1998, p.22). Today there are seventeen such educational and training establishments.

Other methods of manual treatment were also founded during this period, such as chiropractics. Daniel David Palmer, who is seen as the founder of chiropractic medicine, opened his first college in 1896. He was originally a grocer who is said to have taught himself manual medicine (cf. Greenman 1998, p22). Others believe that he was trained in manual techniques by an osteopath named Obie Slother (cf. Gibbons 1977, as quoted by Fossum 2002, p8).

One of Still's pupils, William Garner Sutherland (1873-1954) introduced the concept of primary respiration movement, a delicate independent and pulsating movement, which can be detected on the cranium and the sacrum, and also at other points on the body. As a result he expanded the practice of osteopathy into the so-called cranio-sacral realms. In France in the 1980's the osteopaths Jean-Pierre Barral and Jacques Weinscheck were principally involved in the osteopathic treatment of organs, which expanded osteopathy still further into an additional area, known as visceral osteopathy." (cf. http://www.osteopathie.de/osteopathie-Geschichte% 20.htlml [as at 24.11.2006]). (Wagner Scheidl 2006)

#### 2.3 What exactly is Osteopathy?

When talking to patients, I often realize that for them osteopathy is a very abstract term, which doesn't mean much to them. So, especially when I work with children, I

think it is extremely important to explain our work to the parents as extensively as possible using the following information:

Dr. Andrew Tyler Still, the founder of osteopathy, describes it thus: "Es ist die wissenschaftliche Kenntnis der Anatomie und Physiologie in den Händen einer intelligenten Person mit Kunstfertigkeit, die dieses Wissen anwenden kann, und zwar zum Nutzen von Menschen, die durch Belastungen, Schocks, Stürze oder mechanische Verschiebungen und andere Verletzungen des Körpers krank oder beeinträchtigt sind" (Still 1902, p14).

This describes osteopathy as the scientific understanding of anatomy and physiology in the hands of an intelligent person with the skill to apply this knowledge for the benefit of people who have become ill or disabled as a result of pressures, shocks, falls or physical dislocation and other injuries to the body.

Osteopathy is a holistic method that requires the use of hands for both diagnosis and therapy. The most important basis of osteopathy is the understanding of the human body as a single entity and of the capability of the body for self-regulation and self-healing (cf. http://www.wso.at[as at 10.10.2006]).

This potential to mend itself is particularly effective if the free flow of bodily fluids such as blood, liquor, lymphatic fluids and interstitial fluids is enabled. If there is impaired or blocked movement the osteopath sets out to find and remove this with all of his cognitive skills and with the application of hands in particular. Such blockages can lie not only in the joints and muscles but also in tendons, ligaments, fasciae, inner organs, the nervous system, the vascular system and inside the bone itself. Fundamental to osteopathy is therefore a precise understanding of anatomy, embryology, physiology, pathology, and clinical knowledge as well as extensive and lengthy training in palpation skills. After differentiated anamnesis and diagnosis, the practitioner identifies and senses structural disturbances and restrictions in mobility which is verified using clinical and osteopathic examination methods. "Die palpatorische Diagnostik macht die Osteopathie durch ihre Feinheit zur Kunst" (Delaunois 2002, p 35) in other words, diagnosis by palpation makes osteopathy into an art form through it.

An osteopath recognises patterns of dysfunction and treats the patient with either structural, visceral or cranio-sacral techniques, or a combination of them.

Mobility constitutes the most important criterion for optimal function in visceral osteopathy, where mobility and Motility of the viscera and the adjacent tissue are diagnosed and treated. Limitations regarding visceral mobility can cause dysfunctioning of the inner organs, but also lead to long-distance effects such as back pain. The variety of therapeutical approaches becomes an entirety in the hands of the osteopath, which enables the practitioner to perform an integral concept of treatment and thus see to the individual needs of the patient.

The basis therefore is a precise understanding of anatomy, physiology and pathology, as well as an extensive and lengthy training in palpation skills. An organism is healthy if all systems of the body function without any limitations.

Osteopathy as a therapeutic tool fits perfectly into the current development of preventive and efficient methods. It provides an alternative as well as an addition to general medicine. Especially in connection with orthodox methods, the additional employment of osteopathy can lead to results, which shorten the time necessary for therapy, show better functional results and also often cause a reduction of medication.

Osteopathy wants to be seen as a useful addition and certainly not a substitution of well-established therapies.

#### 2.4 Literature about Cooperations in the Osteopathic Field

Looking through the relevant literature about cooperation of medical professions, I came upon the work of Dr Schörner about the profession of physiotherapy. "Interdisciplinary cooperation usually shows better results than the individual disciplines could. Cooperation, that is what a study of the profile of the profession of physiotherapists shows, is not always free of friction. According to the persons asked, there is a diverging view of responsibility leading to a discussion of competence". (e.g.: midwives concerning prenatal treatment)( by Schörner 2002)

According to Gevitz in Parallel and distinctive: the philosophic pathway for reform in osteopathic medical education: "Most DOs over the past three quarters of a century have been in general of family practice and later.... As MDs increasingly shied away from general practice of medicine and established their specialty and subspecialty practices."(Gevitz 1994 Jaoa Vol 94 No 4) There is obviously a parallel development of osteopaths and doctors in the USA.

As far as I know there is no similar work about osteopathy in Europe. I found only one research about: The Temporomandibular Joint: Interdisciplinary exchange between dental and osteopathic methods. A systematic review and a guideline for the osteopathic practice. There is a comment on cooperation about how important it is to have interdisciplinary knowledge. "The numerous multitudes of diagnostic and therapeutic possibilities in dentistry restrict access to and application of osteopathy and it appears to be impossible to provide a uniform concept for inter-disciplinary cooperation. Dr. Viola Frymann emphasizes the cooperation of osteopaths and dentists. A good understanding for the uninhibited rhythmic movement of the cranial bone und of the teeth in their interrelation to the entire body on the part of the dentists would amount to a major step forward. It is important for the individual therapist to get in contact with the treating dentist and to get to know the relevant treatment approach." (Hippel S. 2006) Another research, though about interprofessional contacts between chiropractors and other health-care professionals in Sweden as seen from a chiropractic perspective says: "Successful integration of chiropractors into the Swedish health-care system requires an overall policy plan and practical guidelines of cooperation." (Andren JA, Gernandt M, Leboeuf-Yde C, Malmqvist S 2000)

The Austrian Association for osteopathy's rules of conduct state: "Besonders hervorzuheben ist das Verhältnis des/der OsteopathIn zum/r behandelnden ÄrztIn des/der PatientIn.- Das Einverständis des/der PatientIn vorausgesetzt, hat der/die OsteopathIn dem/der behandelnden ÄrztIn in angemessener Weise Befunde, Maßnahmen und Ergebnisse der osteopathischen Behandlung zu kommunizieren."(Österreichische Gesellschaft für Osteopathie Der osteopathische Standard 2007)

A special focus is to be put on the relationship of the osteopath to the treating doctor of the patient. With the consent of the patient the osteopath should communicate approprietly the findings, the form and the results of treatment to the treating doctor.

Looking closely at the field of medicine (medical field index) the following special fields are listed as follows: (www.ihrarzt.at)

- Allgemeinmedizin (General Medicine)
- Anästhesie und Intensivmedizin (Anaesthesia and Intensive Medicine)
- Augenheilkunde und Optometrie (Ophthalmology)

- Chirurgie (Surgery)
- Dermatologie (Dermatology)
- Frauenheilkunde und Geburtshilfe (Gynaecology and Opstetrics)
- Hals, Nasen, Ohrenkrankheiten (ear, nose and throat specialist)
- Innere Medizin (Internal Medicine)
- Kinder und Jugendheilkunde (Paediatrics)
- Medizinische und chemische Labordiagnostik (Medical and Chemical Laboratory Diagnostics)
- Radiologie und Strahlentherapie (Radiology and Radiotherapy)
- Lungenheilkunde(Pneumologie)
- Neurologie und Psychiatrie (Neurology)
- Orthopädie und Orthopädische Chirurgie (Orthopaedics and Orthopaedric Surgery)
- Pathologie und Gerichtlicher Medizin (Pathology and Forensic Medicine)
- Physikalische Medizin (Physical Medicine)
- Unfallchirurgie (Casual Surgery)
- Urologie und Andrologie (Urology)
- Zahn, Mund und Kieferheilkunde (Dentistry)

An osteopath can work in nearly each of the fields listed and is equipped with the according basic knowledge. The fields of Radiology and Radiotherapy, Anaesthesia and Intensive Medicine, pathology and Forensic Medicine, as well as Medical and Chemical Laboratory Diagnostics are exceptions.

Osteopathy is a holistic method of work, which doesn't stick to individual symptoms. That is the reason why an osteopath seems familiar with all medical fields. Orthodox medical doctors on the other hand are specialised and focussed on the special fields listed in the above.

#### 3 Methodology

#### 3.1 Designing of the Questionnaire

In order to be able to design a meaningful questionnaire for my research, I decided to conduct several interviews with osteopaths to find out what the crucial aspects are and whether my collegues also feel the need to talk about and improve the state of cooperation.

When I clicked through the various homepages of the osteopaths on my list, I found only 18 homepages and there was merely one giving information for doctors. It is now up to my work to find out whether this is up to a lack of interest or a lack of thought.

I asked all registered osteopaths to send me their folders about their work, but all I got in return were 9 folders. But not even those folders provided any information for medical doctors. In one folder it was stated that there was a cooperation with doctors and other professions, in another folder it said that osteopathy supports orthodox medicine and in just another one there was a comment about the differences between orthodox medicine and osteopathy. Summing up few osteopaths provide information. Most osteopaths feel they don't need any publicity, because they already have sufficient work.

#### 3.2 Interviews with osteopaths

Actually I conducted interviews with 10 osteopaths (see questions in the appendix) and during those interviews I tried to find out if the topic of cooperation was of interest to them. Above that I tried to formulate the main questions for my questionnaire based on the interviews.

Each interview took me about half an hour. I deliberately posed open questions, so that my interviewers were free to talk. It was similar to brainstorming as described in Friedrichs J. (1990): Methoden empirischer Sozialforschung (14. Aufl.).

The main questions that came up were:

- Is there a cooperation between osteopaths and doctors?
- If yes: What does it look like?

In order to gain a scientific result, I asked more specifically:

• What kind of specialists/doctors do you work with?

• Are you content with the cooperation?

I formulated various possible answers to be ticked.

How did you start the cooperation?

This latter question seemed important to me, because it could simplify forming cooperations with medical doctors for new osteopaths.

Finally I left some space for personal remarks on this topic.

At the beginning the questionnaire includes basic statistics in order to look more closely at the following: Are there differences regarding primary profession, sex, countries, freelancer or not, ...

#### 3.3 The Pretest

The tests were answered on the basis of individual interviews. 5 interview pages were filled in and analysed. 5 female osteopaths were selected for this group. The time for filling in the questionnaire was taken. On the average it took them 15 minutes to answer all the questions accordingly.

The Osteopaths were given the possibility to suggest changes in the pretest concerning the comprehensibility of the questions. The questionnaire was then adapted accordingly.

They started with the letter of information, which they criticised lacked comprehensibility. The target of the thesis should be defined more clearly. This was considered readily when revising the letter of information. Spelling was corrected and some of the answers were modified because they were not clear enough. The layout was generally appreciated.

#### 3.4 The Structure of the Questionnaire

The designing of the questionnaire was an extensive process, including several pretests, trying to find out about the comprehensibility of the questions and whether I could handle the computer program.

I decided to use the computer to send my questionnaires and also for the analysis of data. It is the easiest way of transmission, avoiding waste paper. The WSO agreed to send the questionnaires via e-mail to 266 osteopaths and students in their 6<sup>th</sup> year. Using google and Herold I tried to find some more addresses, but found only three

more osteopaths, who hadn't graduated from the WSO. Thus the question "Where did you do your training?" is of no significance. More than 90% studied at the WSO.

According to Krönke (2006) out of 192 osteopaths in Austria only 8 did not graduate from the WSO. Therefore it is very realistic for Austria to use the WSO graduates as a research group.

A computer specialist placed the questionnaire in the web. As mentioned before 269 questionnaires were sent off, including a letter of information, giving instructions and explaining the purpose of the study.

I got 101 returns. The questionnaires were returned between the beginning of May and the end of June 2007.

Among those returns were 10 doctors, 88 physiotherapists and 3 others.

According to Krönke (2006) there are about twice as many female osteopaths than male osteopaths. The aspect of gender is quite relevant concerning the topic of cooperation, since it is connected with a willingness to communicate, which is more pronounced in the female gender. I want to focus on this aspect and apply the aspect of sex as an independent variable.

There are two main parts of the questionnaire, explained in the chapters 3.4.1 and 3.4.2.

#### **3.4.1** The osteopaths – sample characteristics

This part of the questionnaire deals with basic statistical information such as sex, institution of training, state of training, original profession, or where people work in Austria. A crucial aspect for the final analysis of data will certainly be the original training.

The legal aspect as stated in chapter one is not clear in Austria. Therefore the following questions arise:

- What kind of employment relationship are you in?
- Do you work in your original job?
- What is your official job denotation?
- What is written on your business card?

#### 3.4.2 The present state of cooperation with medical doctors

The two main questions are:

- Do you currently cooperate with medical doctors?
- Which specialists do you work with?

#### 3.4.2.1 Reasons for cooperation

As described in chapter 1 the legal situation is one of the reasons for cooperation. Osteopaths who originally worked as a physiotherapist need allotments from a specialist. To be able to refer patients to other medical professions or to advise them in a better way about possible alternatives, I think it is necessary to have a certain basic knowledge (very general – not specific) about other fields. Otherwise patients are only referred to individual persons on the basis of acquaintances or rumors about successful treatment.

Two ways of cooperation follow from this cooperation based on legal aspects.

Patients are alloted by a medical doctor.

Osteopaths send a patient to a doctor for an allotment.

The next part discusses the professional motivation for cooperation: What does the cooperation look like?

As mentioned in the above osteopaths work in a holistic way and orthodox doctors in their very specific field. Therefore the two groups have a different view of the patients' problem and a different basic knowledge. In the course of the study, following answers were generated:

- I have a vivid professional exchange with medical doctors.
- I need doctors for differential diagnosis.
- I contact medical doctors to discuss professional topics.

#### 3.4.2.2 How cooperation with medical doctors started

Regarding the question," How did you start the cooperation with medical doctors", those are some of the possible answers: The osteopath started it or the doctor, there was a personal conversation, or a written contact, ...

"There is also the way of "virtual collaboration" which denotes a cooperation of people using electronic devices, such as mobile phones, e-mail, chatrooms, online communities, video conferences, web sites and others."(Wikipädia) There can be direct or indirect communication with doctors using the media.

#### 3.4.3 Way of circulation of information

If we look at this aspect it clearly shows a triangle consisting of osteopath, doctor and patient. The usual direction in our health system is from the doctor to the osteopath. According to the work of Birgit Wagner Scheidl the patient mostly takes a detour and is sent to an osteopath via friends or acquaintences. Therefore the successful functioning of this triangle doctor – patient – osteopath has to be scrutinized.

The communication with doctors is another crucial aspect. Communication from the osteopath to the doctor can work directly or through the patient when there are problems, questions or concerning feedback. The other way round, the doctor should start communication at least through the patient to screen the success of the therapy.

Cooperation is a complicated process which asks for a lot of time and commitment.

"Zusammenarbeit ist eine teilweise Zusammengehörigkeit, also das wiederkehrende Einbringen von Aktivität oder anderer Leistungen in den Bereich des jeweils anderen Systems zur Erreichung von Zielen, die beiden Systemen entsprechen. Grundlage ist dabei ein Vertrauen auf die fortgesetzte bzw. den Abmachungen entsprechende Wechselwirkungsmöglichkeit." (Wikipädia) "Cooperation is a partial unity, that means the recurring introduction of activity or other performances into the field of the other systems in order to reach goals which fit both systems. The basis of all this is trust in the continued and agreed on possibility of interaction." (translated by Lammer 2007) The latter definition depicts the complexity of the system cooperation very well.

Thus the question: Are you content with the present state of cooperation?

To conclude this aspect two more questions were posed: Was the medical doctor interested in the information about your work? If yes, how did you transport the information?

The various possible answers were generated by way of the interviews which preceded the questionnaire.

#### 3.5 Data Evaluation

#### Descriptive analysis

First of all, missing data and the numbers of individual answers were explored for each variable. Considering the group sizes, some answers were collapsed in order to gain sufficiently large sizes for evaluation.

#### **Variables**

A summary of the variables is added in Appendix 4.

• Independent variables

Characteristics of the osteopaths are used as independent variables and factors for analysis of variance (ANOVA). The according questions, variable designations and the information gain intended by using these variables are summarized in Table 1.

Question	Abbreviation		
Sex	sex		
Is there a sex-specific difference concerning cooperation and the percept	ion of its quality (female/male)?		
Final year of osteopathic training	finish_c		
Are there differences depending on the practical experience of the osteop	paths (final years of osteopathic training)?		
State of osteopathic training/degree	state_tr_c		
Are there differences depending on the training state of the osteopaths (s	tudents/osteopaths/graduated osteopaths)?		
What is your basic professional training?	basic_tr		
Are there differences depending on the basic training (medical doctors/p	hysiotherapists)?		
Employment relationship: yes/no	empl		
Are there differences between therapists who are employed or who are n	oot?		
Free lancer: yes/no	free_l		
Are there differences between therapists who work as freelancers or who	o are not?		
Are you working in your original job?	or_job		
<ul> <li>Are there differences concerning cooperation and the perception of its quality, if osteopaths work/do not work in their original job?</li> </ul>			
How do you denote your job officially?	or_denot		
<ul> <li>Are there differences concerning cooperation and the perception of its quality, depending on how the osteopaths see themselves and their job?</li> </ul>			

Table 1: Independent variables.

The variable "school" was not considered, because only eight of the osteopaths had their osteopathic training at another school than the Vienna School of Osteopathy (WSO). The problem of a low group size accounts for the number of medical doctors (basic\_tr), too. Since this aspect is of general interest for this study, this variable was evaluated, nevertheless.

#### Dependent variables

Dependent variables are the questions concerning cooperation and information flow.

#### Grouping of data

<u>Final years</u> of osteopathic training were grouped by the 33%- and 66%- percentiles, resulting in three (more or less) equally sized categories ("<2001", "2001-2004" and ">2004").

<u>Original jobs</u> other than medical doctors and physiotherapists were designated as physiotherapists, because the frequency of these jobs was too low for individual evaluation.

The answers concerning the <u>state of osteopathic training</u> were summarized in three groups:

original	new answer
else, Stud (6)	in progress
osteopath	osteopath
D.O., MSc	graduated osteopath

Countries other than Austria (Germany, Swiss), were collapsed in the answer "else".

#### **Data Exploration**

In advance of data analysis, tests for normality (Kolmogorov-Smirnov-test) were performed. Since none of the variables is normally distributed, nonparametric tests ( $\chi^2$ -test and Fisher's exact test for nominal data and Mann-Whitney's u-tests for ordinal data) were used for group comparisons.

Additionally, analysis of variance (one-way ANOVA) of the dependent variables was performed with the factors (equivalent to the independent variables) summarized in Table 1. Homogeneous subsets could only be calculated, when none of the groups had fewer than two cases. In these cases, as an estimate, significances (p-values) were

divided by the degrees of freedom. If this calculation resulted in p< 0.10 groups were compared individually by means of u-tests. Homogeneity of variance was tested by Levene statistic.

Since group sizes were unequal, the harmonic mean of the group sizes was used for ANOVA. In these cases, Type I errors may occur (the error of rejecting a null hypothesis when it is actually true, or the other way round: There might be results indicating differences between two groups, when there are none. Thus, individual comparisons were performed by means of  $\chi^2$ - and u-tests (two-tailed, level of significance  $\alpha$ = 0.05), additionally.

Since there are several variables dealing with frequencies, nominal answers were transformed into ordinal scale as follows:

original answer	value
never	0
rarely	1
sometimes	2
often	3
very often	4
no	0
sometimes	1
yes	2

U-tests were performed with these ordinal data.

Additionally, mean values could be calculated by multiplying the number of individual answers with the according ordinal value and subsequent division by the total number of answers. These mean values can be used for an easier comparison of groups: Higher mean values indicate a higher average frequency.

#### Missing values

Pearson correlation of the frequency of missing answers and the frequencies of the answers "no" and "never", respectively was calculated (these data were normally

distributed). A significant positive linear association was found regarding the number of the answer "never" and the number of missing values (cf. Table 2). Thus, missing answers for these questions might be interpreted as "never". The according mean values of the relative frequency are demarked with two asterisks. Correlation coefficients of the frequency of missing answers and of the answer "no" do not show a linear association (cf. Table 2).

	R	p
"never" (questions with possible answers "never", rarely",)	0.67	0.003
"no" (questions with possible answers "no", sometimes", "yes")	0.32	0.44
"no_2" (questions with possible answers "no" and "yes")	-0.55	0.90
total "never"+"no"+"no_2"	0.21	0.23

Table 2: Correlation coefficients of the frequency of missing answers and of the answers "no" and "never".

#### 4 Results

#### 4.1 Reply Rate and Sample Characteristics

One-hundred and one osteopaths, 61 women and 40 men, took part in the survey. Since 269 questionnaires have been posted, reply rate is 37.5%.

Most of the osteopaths (92%) had osteopathic training at the Vienna School of Osteopathy (WSO), eight elsewhere.

Most of them (76.6%) have already finished osteopathic training. Among these osteopaths are 31.7% who graduated with "Master of Science" and 7.9% with "D.O.". The residual 36.6% are osteopaths who have not done a diploma thesis, yet.

Students in the 6<sup>th</sup> year of osteopathic training (21.8%) and students in an earlier state of osteopathic training (2%) are less represented in the sample.

Final years of osteopathic training range from 1996 to 2008. The mode is 2000, when 19 osteopaths (19%) finished their training, the median is 2002.

The majority of the osteopaths have been physiotherapists after their basic professional training (89.1%), the others medical doctors (10.9%).

Only 16% of the osteopaths are in an employed relationship, most of them physiotherapists (14%) and one medical doctor is employed in a hospital.

Ninety-three percent of the osteopaths taking part in this survey are working as freelancers.

Most of the osteopaths (78%) work in their original job (physiotherapist or medical doctor), and only 22% do not.

Twenty-two percent of the osteopaths use "osteopath" singly as official job denotation. Most of the osteopaths use both, the former job denotation and "osteopath", additionally (67%).

#### **4.2** Present State of Cooperations with Medical Doctors

Sixteen percent of the osteopaths do not cooperate with medical doctors at the present state.

Cooperations between graduated osteopaths and medical doctors are more frequent than between students or not graduated osteopaths and doctors (no significant difference).

Osteopaths cooperate most frequently with general practitioners, followed by orthopaedists. Cooperations with other specialists are more seldom. The according data and significant differences between different groups of osteopaths are summarised in Table 8.

Cooperation with	Mean frequency	Significant differences between	p
Orthopaedists	2.6 (sometimes- often)	"osteopath"(2.2) /former job denotation (3.1)	0.04
Surgeons	1.4 (rarely - sometimes)	male( 1.8)/female (1.1)	0.02
		freelancers (1.3)/no freelancers (2.4)	0.05
Casual surgeons	2.0 (sometimes)	original job (MD, PT) (2.2)/not original job (0.8)	0.001
		"osteopath" (0.9)/former job denotation (2.1)	0.03
		"osteopath" (0.9)/both job denotations (2.3)	0.001
Neurologists	1.8 (rarely - sometimes)	-	
Radiologists	0.8 (never - rarely)	PT (0.7)/MD (2.1)	0.008
		original job(1.0)/not original job (0.2)	0.04
Pediatrists	1.8 (rarely - sometimes)	-	
Gynaecologists	1.8 (rarely - sometimes)	-	
General practitioners	3.0 (often)	PT (3.1)/MD (2.4)	0.05

Table 3: Cooperations with different specialists.

#### **Orthopaedists**

Osteopaths, who officially use their former job denotation only, cooperate significantly more often with **orthopaedists** than osteopaths, who denote themselves as "osteopaths", only.

#### **Surgeons**

Male osteopaths cooperate with **surgeons** significantly more often than female.

Significantly less cooperations of osteopaths, who are working as free-lancers, with surgeons can be observed, than of osteopaths, who are no free-lancers.

#### **Casual surgeons**

There is a significant difference between osteopaths, who work in their original profession and those who work as osteopaths, singly. The latter cooperate significantly less often with **casual surgeons** than the others.

Similarly, therapists, who denote themselves as "osteopath", only, cooperate less often with casual surgeons, than therapists, who use their original job denotation and those who use both.

#### **Neurologists**

There are no significant influences of any independent variable.

#### **Radiologists**

Osteopaths, who are medical doctors in their original job, cooperate significantly more often (on average: at least sometimes) with **radiologists** than osteopaths (on average: never or rarely), who have been physiotherapists.

Osteopaths, who still work in their original job, cooperate more often with radiologists than the others. This difference is significant, too.

#### **Paediatrists**

There are no significant influences of any independent variable.

#### **Gynaecologists**

There are no significant influences of any independent variable.

#### **General practitioners**

Physiotherapists cooperate significantly more often with general practitioners than other medical doctors.

#### 4.3 Reasons for Cooperations

Most often, cooperation with medical doctors is confined to asking patients to get an allotment of the doctor or allotments without direct contact. Next frequent is the contact with doctors, when problematic patients have to be treated and when differential diagnosis is needed (cf. Table 10).

Statement	Mean frequency	Significant differences	p
I ask patients to get an allotment of doctors (for security reasons).	2.5 (sometimes - often)	female (2.8)/male(2.0)	0.01
security reasons).		PT (2.7)/MD (0.8)	0.001
Doctors allot patients, but I have no contact.	2.4 (sometimes - often)	PT (2.5)/MD (1.3)	0.001
		"osteopath" (2.6)/	0.04
		former job denotation (1.7)	
I come up to doctors with problematic patients.	2.3 (sometimes - often)	-	
I need doctors for differential diagnosis	2.2 (sometimes - often)	-	
I have a vivid professional exchange with doctors	1.9 (rarely - sometimes)	-	
Information flow from doctor via patients (one-way).	1.9 (rarely - sometimes)	-	
I report back to doctors about patients.	1.7 (rarely - sometimes)	-	
I have contact with doctors in order to discuss	1.7 (rarely - sometimes)	not employed (1.8)/	0.04
medical issues.		employed (1.1)	
The success of therapy is monitored by the doctor.	1.5 (rarely - sometimes)	former job denotation (2.3)/ "osteopath" (1.3)	0.03
		former job denotation (2.3)/ both job denotations (1.4)	0.03
I communicate with the doctor via the patient (patient is the go-between).	1.5 (rarely - sometimes)	-	

Table 4: Perception of the way of cooperation.

Female osteopaths **ask patients to get allotments** of the doctors **for security reasons** significantly more often than male. Additionally, medical doctors ask their patients less often to get allotments of their colleagues than physiotherapists.

Medical doctors describe **allotments without contact** significantly less often (maximum sometimes) than physiotherapists. Additionally, there are significant differences between osteopaths, who use their former official job denotation (MD or PT) only and those who call themselves "osteopath", only. The latter describe allotments without contact significantly more often than the therapists of the other group.

Osteopaths who are not in an employed relationship, have significantly more contact with doctors in order to **discuss medical issues**.

Osteopaths, who officially use their former job denotation (MD or PT), singly, have significantly more often contact to doctors in order to have the **success of therapy monitored**, than osteopaths of the therapists who either use "osteopath" or both denotations.

#### 4.4 Summary of Actual Cooperations

Most frequently confirmed statements about the quality of actual cooperations are, that cooperation with doctors is interesting, good and based on mutual appreciation, but also that osteopaths wish to intensify cooperation. The osteopaths do not think very often, that doctors are not interested in cooperation (cf. Table 9).

Statement	Mean frequency	Significant differences	p
Cooperation with doctors is interesting.	1.4 (sometimes - yes)	<2001 (1.2)/>2004 (1.6)	0.03
		in progress (1.6)/ost (1.2)	0.02
Communication with doctors is good, based on mutual appreciation.	1.4 (sometimes - yes)	-	
I want to intensify cooperation	1.3 (sometimes - yes)	female (1.4) / male(1.1)	0.03
		<2001/2001-2004	0.04
I get adequate allotments by doctors.	1.2 (sometimes - yes)	-	
I feel ensured by the diagnosis of medical doctors.	1.2 (sometimes - yes)	female (1.3)/male (0.9)	0.006
		original job (1.3)/	0.03
		not original job (0.8)	
I am very content with cooperation.	1.0 (sometimes)	female (0.9) / male(1.2)	0.03
		<2001/2001-2004	0.01
In my opinion, doctors are not interested in the activity of osteopaths	0.7 (no - sometimes)	-	
Cooperation with doctors has inspired my work to a high degree.	0.7 (no - sometimes)	-	

Table 5: Statements about the quality of actual cooperations with medical doctors.

Osteopaths, who finished their osteopathic training after 2004 most often think, that cooperation with medical doctors is **interesting**. In the other groups the most frequent answer is "sometimes". There is a significant difference between the groups ">2004" and "<2001". Additionally, students most frequently think, that cooperation with

medical doctors is interesting. There is a significant difference between the group of students and not graduated osteopaths.

Significantly more female than male osteopaths wish an **intensified cooperation**.

Additionally, osteopaths who finished their training before 2001 express their wish of an intensified cooperation significantly more often than the osteopaths who finished between 2001 and 2004.

Female osteopaths **feel ensured** significantly more frequently and to a higher extent than male. Additionally, osteopaths, who are not working in their original job anymore, feel ensured less frequently than the others.

Significantly more male than female osteopaths are **content with cooperation**.

Osteopaths who finished their training before 2001 are significantly less content than the osteopaths with final years between 2001 and 2004.

#### **4.4.1** How Cooperations with Medical Doctors Start

The starting points of cooperation are summarized in Table 6.

Statement	Confirmations	Differences	p
Personal contact with doctors	83%	original job (95%)/ not original job (38%)	< 0.001
		"osteopath" (53%)/former (100%)	0.03
		"osteopath" (53%)/both (89%)	0.006
Contact with doctors by acquaintance.	80%	-	
Did the doctor show interest in information about your work?	76%	-	
I have recommended doctors to patients.	74%	freelancers (78%)/ no freelancers (33%)	0.04
I have been recommended by other doctors.	69%	-	
I have phoned doctors.	63%	original job (70%)/ not original job (33%)	0.008
		ost (40%)/both (69%)	0.04
Doctors made approaches to me.	61%		
Cooperation started by working in shared	38%	employed (85%)/ not employed (27%)	< 0.001
rooms.		free-lancer (34%)/no freelancer (83%)	0.03
		former (67%)/ost (15)	0.02
I have written to doctors	32%	-	

Table 6: How cooperation with medical doctors started.

Almost all of the osteopaths (95%), who work in their original job, started cooperation by **personal contact**, whereas only 38% of the therapists who are working osteopathically, only, do.

Starting cooperations by personal contact to medical doctors can be observed least often (53%) among therapists who officially denote themselves as "osteopath", only. Compared to the other osteopaths who either use both, the former job denotation (MD or PT) and "osteopath", or the former job denotation, only, differences are significant.

Freelancers **recommend** medical doctors to patients significantly more often than osteopaths, who are no freelancers.

There is a significant difference between osteopaths in the frequency of **phoning doctors**, who are working in their original job and those who do not anymore. The latter did not ring up doctors as frequently as the others. Osteopaths who officially use both, the former and the actual job denotation, have rung up doctors significantly more often than therapists who denote themselves as "osteopath" only.

For 86% of the osteopaths in an employed relationship, **working in shared rooms** was the start of cooperations with medical doctors, whereas it was for only 27.4% of the other group members. This difference is significant. On the contrary, significantly fewer cooperations caused by working in shared rooms can be observed among freelancers.

Most cooperations due to the use of shared rooms can be found among osteopaths who use their former job denotation officially. Therapists, who denote themselves as "osteopath", only, confirm this statement significantly less often.

#### **4.4.2** Way of Circulation of Information

Information is circulated most often during conversation (72%). Written information is less common (cf. Table 7).

	Frequency	Significant differences
During conversation	72%	-
Info sheets	27%	-
Brochure	20%	-
Homepage	10%	-

Table 7: Way of circulation of information.

#### 4.4.3 Notes and Comments added by the Osteopaths

#### Additional notes about the status of cooperations

The answers range from "Doctors have no knowledge of osteopathy, but are generally interested and trust our therapy" to "Doctors and osteopaths are concurrent".

Answers providing additional information, which was not collected in the questionnaire are:

- There might be a difference between rural and urban doctors. The latter seem to be less interested in cooperation.
- Doctors who were patients themselves are most interested.

#### Reasons for a lack of cooperation

- Neither doctors, nor we have sufficient time.
- Osteopathy is officially not approved, thus cooperation is difficult.
- The hierarchy medical doctors therapists is still established: In hospitals, osteopaths are in hierarchy even beyond nurses who outnumber them and have a better lobby.
- Some osteopaths describe, that cooperation proceeded after changing from physiotherapy to osteopathy, but others describe a breaking of the former network.

#### When does cooperation take place

- Cooperation is good, when the doctor himself/herself, a relative or good friend has been treated successfully.
- Several osteopaths describe, that doctors allot "hopeless cases", who have been allotted to other doctors before without success.

#### The basis of cooperations

- Medical knowledge is essential for communication without hierarchies
- Osteopaths should show more self-esteem and last but not least, some doctors are not more conceited than osteopaths.

#### Suggestions for how to start cooperatives with medical doctors.

Conservative initiatives: Visits (e.g. before Christmas or opening of the
practice), phone calls, posting of information material, invitations for practice
celebrations, seminars (which are described as more or less successful). If
diagnosis is uncertain, the doctor should be called and short messages about

medical evidence are suggested, too. In general, more information for doctors is suggested. This should be oral and not written, because the latter is easy to throw away.

<u>Creative Approaches:</u> One osteopath describes successful "wine- medical talks"
(Lecture, then wine tasting), another treats medical doctors, whom he wants to
cooperate with. Additionally, a (functioning) interdisciplinary network with ten
doctors is described, who spend one hour each week for discussion.

Some osteopaths claim more initiative of the medical doctors. Others suggest, that knowledge about additive therapies (physiotherapy, osteopathy) should be taught at university.

#### 5 Conclusion

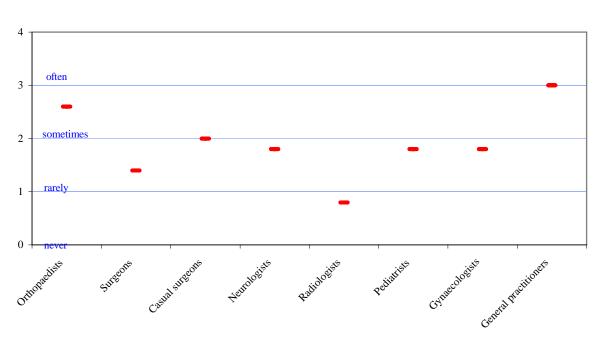
In the beginning of this research I posed four main questions. In the following I want to summarize and discuss the most important and significant results to those questions as they presented themselves in my scientific work.

## Is there something such as cooperation between doctors and osteopaths and what is it like?

84 percent of the osteopaths, which took part in this study, do cooperate with medical doctors at the present state. In my opinion this is a satisfying percentage.

Cooperations between graduated osteopaths and medical doctors are more frequent than between students or not graduated osteopaths and doctors (no significant difference).

Osteopaths cooperate most frequently with general practitioners, followed by orthopaedists. Cooperations with other specialists are more seldom. The according data are shown in Ill. 1 and significant differences between different groups of osteopaths are summarised in Table 8.



Actual cooperations (comparison of mean frequencies)

Ill. 1: Cooperations between osteopaths and different medical specialists.

Cooperation with	Mean frequency	Significant differences between	p
Orthopaedists	2.6 (sometimes- often)	"osteopath"(2.2) /former job denotation (3.1)	0.04
Surgeons	1.4 (rarely - sometimes)	<b>male</b> ( 1.8)/female (1.1)	0.02
		freelancers (1.3)/no freelancers (2.4)	0.05
Casual surgeons	2.0 (sometimes)	original job (MD, PT) (2.2)/not original job (0.8)	0.001
		"osteopath" (0.9)/former job denotation (2.1)	0.03
		"osteopath" (0.9)/both job denotations (2.3)	0.001
Neurologists	1.8 (rarely - sometimes)	-	
Radiologists	0.8 (never - rarely)	PT (0.7)/MD (2.1)	0.008
		original job(1.0)/not original job (0.2)	0.04
Pediatrists	1.8 (rarely - sometimes)	-	
Gynaecologists	1.8 (rarely - sometimes)	-	
General practitioners	3.0 (often)	PT (3.1)/MD (2.4)	0.05

Table 8: Cooperations with different specialists.

#### How crucial is the educational background?

There aren't any distinct differences between the individual forms of training.

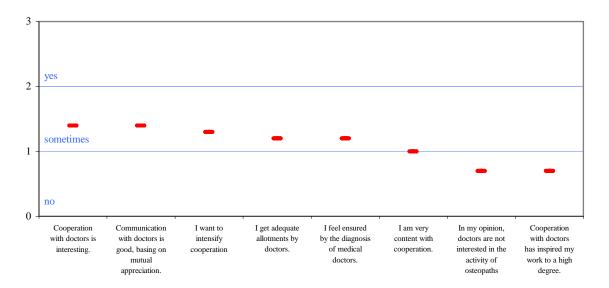
Medical osteopaths cooperate with doctors as often as do osteopaths who are physiotherapists. Osteopaths, who are medical doctors in their original job, cooperate significantly more often (on average: at least sometimes) with **radiologists** than osteopaths (on average: never or rarely), who have been physiotherapists.

Osteopaths, who still work in their original job, cooperate more often with radiologists than the others. This difference is significant, too. Medical doctors describe **allotments without contact** significantly less often (maximum sometimes) than physiotherapists. Additionally, medical doctors ask their patients less often to get allotments of their colleagues than physiotherapists. There are significant differences between osteopaths, who use their former official job denotation (MD or PT) only and those who call themselves "osteopath", only. The latter describe allotments without contact significantly more often than the therapists of the other group.

#### What is the actual state of cooperation?

The osteopaths' opinions about actual cooperation are shown in Ill. 2.

Most frequently confirmed statements about the quality of actual cooperation are, that cooperation with doctors is interesting, good and based on mutual appreciation, but also that osteopaths wish to intensify cooperation. The osteopaths very rarely think that doctors are not interested in cooperation (cf. Table 9).



Ill. 2: Opinion of the osteopaths about their cooperation with medical doctors.

Statement	Mean frequency	Significant differences	p
Cooperation with doctors is interesting.	1.4 (sometimes - yes)	<2001 (1.2)/>2004 (1.6)	0.03
		in progress (1.6)/ost (1.2)	0.02
Communication with doctors is good, basing on mutual appreciation.	1.4 (sometimes - yes)	-	
I want to intensify cooperation	1.3 (sometimes - yes)	female (1.4) / male(1.1)	0.03
		<2001/2001-2004	0.04
I get adequate allotments by doctors.	1.2 (sometimes - yes)	-	
I feel ensured by the diagnosis of medical doctors.	1.2 (sometimes - yes)	female (1.3)/male (0.9)	0.006
		original job (1.3)/	0.03
		not original job (0.8)	
I am very content with cooperation.	1.0 (sometimes)	female (0.9) / male(1.2)	0.03
		<2001/2001-2004	0.01
In my opinion, doctors are not interested in the activity of osteopaths	0.7 (no - sometimes)	-	
Cooperation with doctors has inspired my work to a high degree.	0.7 (no - sometimes)	-	

Table 9: Statements about the quality of actual cooperations with medical doctors.

Osteopaths, who finished their osteopathic training after 2004 most often think, that cooperation with medical doctors is **interesting**. In the other groups the most frequent answer is "sometimes". There is a significant difference between the groups ">2004" and "<2001". Additionally, students most frequently think, that cooperation with medical doctors is interesting. There is a significant difference between the group of students and not graduated osteopaths.

I wonder if cooperation here gets confused with advertising or recruitment of patients or if there is an interest in real cooperation, as defined and quoted in chapter one. Does cooperation subside with the quantity of patients? Osteopaths, who officially use their former job denotation only, cooperate significantly more often with **orthopaedists** than osteopaths, who denote themselves as "osteopaths", only. Here I ask myself whether osteopaths see themselves as competitors since there is a strong overlap of the two special fields.

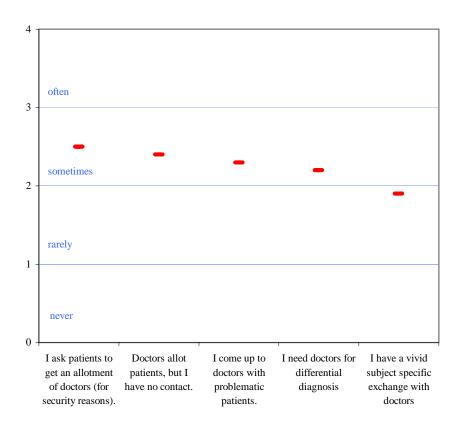
Significantly less cooperations of osteopaths, who are working as free-lancers with surgeons can be observed, than of osteopaths, who are no free-lancers. Since employed osteopaths work in hospitals mostly, they have more opportunities for cooperation. Although that leaves the question whether they work there as osteopaths or not, because actually there is no such employment as osteopath.

There is a significant difference between osteopaths, who work in their original profession and those who work as osteopaths, singly. The latter cooperate significantly less often with **casual surgeons** than the others.

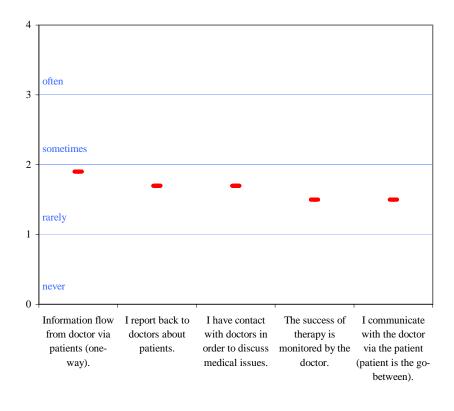
At this point the reasons for cooperation must be summarized:

Reasons for cooperating with medical doctors are shown in Ill. 3 and Ill. 4.

Most often, cooperation with medical doctors is confined to asking patients to get an allotment of the doctor or allotments without direct contact. Next frequent is the contact with doctors, when problematic patients have to be treated and when differential diagnosis is needed (cf. Table 10).



## Ill. 3: Reasons for cooperations with medical doctors.



Ill. 4: Reasons for cooperations with medical doctors.

Statement	Mean frequency	Significant differences	p
I ask patients to get an allotment of doctors (for security reasons).	2.5 (sometimes - often)	female (2.8)/male(2.0)	0.01
security reasons).		PT (2.7)/MD (0.8)	0.001
Doctors allot patients, but I have no contact.	2.4 (sometimes - often)	PT (2.5)/MD (1.3)	0.001
		"osteopath" (2.6)/	0.04
		former job denotation (1.7)	
I come up to doctors with problematic patients.	2.3 (sometimes - often)	-	
I need doctors for differential diagnosis	2.2 (sometimes - often)	-	
I have a vivid professional exchange with doctors	1.9 (rarely - sometimes)	-	
Information flow from doctor via patients (one-way).	1.9 (rarely - sometimes)	-	
I report back to doctors about patients.	1.7 (rarely - sometimes)	-	
I have contact with doctors in order to discuss	1.7 (rarely - sometimes)	not employed (1.8)/	0.04
medical issues.		employed (1.1)	
The success of therapy is monitored by the doctor.	1.5 (rarely - sometimes)	former job denotation (2.3)/ "osteopath" (1.3)	0.03
		former job denotation (2.3)/ both job denotations (1.4)	0.03
I communicate with the doctor via the patient (patient is the go-between).	1.5 (rarely - sometimes)	-	

Table 10: Perception of the way of cooperation.

## Is there a difference between females and males concerning cooperation?

Out of one-hundred and one osteopaths who took part in the survey 61 were women and 40 were men.

Significantly more female than male osteopaths wish an **intensified cooperation**.

Significantly more male than female osteopaths are **content with cooperation**. Male osteopaths cooperate with **surgeons** significantly more often than female.

According to Krönke (2006) 74 % of osteopaths state official recognition important, because they mentioned the need of legal security. It is interesting that female osteopaths ask patients to get allotments of the doctors for security reasons

significantly more often than male. Female osteopaths **feel ensured** significantly more frequently and to a higher extent than male.

In the beginning of my work I didn't focus so much on the gender related differences. But it turned out that there are significant differences. It would certainly be interesting to look at that aspect from a psychological point of view or to create an own questionnaire, but that might be a new project.

### Some more important aspects of this research:

- 1. There are too few homepages or folders for the patients as information. This seems to be due to a lack of professionalism as well as too little effort to act in favour of an improvement of the profession of osteopath. According to statements of osteopaths each of us prefers to work in private, because we already have enough patients. Thus there is no need to advertise. But on the other hand patients have difficulty to find an osteopath near their home. More than that most patients don't even know when to seek the help of an osteopath, because they haven't got enough information. In the worst case (but that goes for a high percentage of patients) they don't even know osteopathy exists.
- 2. Osteopaths who use the denotation osteopath only are seemingly more self-confident. In the course of this study it turned out that they are less interested in cooperation, allotments and aprecciation of a medical doctor than osteopaths who still work in their original job. The more experienced osteopaths obviously want to break away from the prevailing hierarchy, but clearly move within a legally grey area. This leads to the question whether this is the correct way.

As far as I'm concerned I think cooperation is necessary and is defined by the following:

That is working mutually on a project (in this case the patient); a working together as well as side by side. It needs acceptance of the other's approach and pattern of thinking all for the benefit of the patient.

As mentioned in the introduction a successful cooperation is only possible if there exists a certain knowledge about the related professions. This interdisciplinary knowledge helps to recommend the best form of therapy for the patient. Perhaps cooperation would be easier if osteopathy were a profession of its own and officially recognized." Emancipation of one profession in the system is invariably linked to

territorial changes for the others." Käppeli (1995) Allotments for physiotherapeutic osteopaths would no longer be necessary. Since the word profession is closely related to professionalism, an improvement of the latter would almost certainly lead to the recognition of osteopathy.

In this context I hope this work is stimulating enough to start a discussion about cooperation and forms of cooperation and to make osteopaths think about cooperation with doctors or renew existing cooperations.

# 6 Summery:

#### **Study Design:**

**Quantitative Social Research** 

#### **Outline/ Problem Definition:**

I have decided to take a closer look at the cooperation of osteopaths and medical doctors for my recent study. My being interested in this very special topic has its origin in a number of aspects. For once there is my own permanent desire for cooperation with doctors, second, I am interested in how my collegues handle it and think about it.

From my point of view the central questions have so far been left unanswered:

- Is there something such as cooperation between doctors and osteopaths and what is it like?
- How crucial is the educational background?
- What is the actual state of cooperation?
- Is there a difference between females and males concerning cooperation?

Speaking of osteopaths, there is no explicit legal regulation in Austria so far. Practising as an osteopath is only possible under the "guise" of one's primary profession. Since I have been working as a physiotherapist, I know that basically cooperation is limited to the writing of letters of referral, which physiotherapists need to justify their work on the patient. (They have to get an allotment)

## **Research Question & Objective:**

Cooperation between osteopaths and medical doctors

#### **Hypothesis:**

- Cooperation exists primarily in the form of getting allotments.
- There is no clear picture how cooperation should work to be desirable.

#### **Relevance for the Patients:**

There are only few homepages and folders as a source of information. There is no real representation on the market. This seems due to a lack of professionalism and a lack of effort to act in favour of our profession. Many osteopaths do without advertising,

because they already have enough patients. The fact that due to this lack of information patients have difficulty to find an osteopath near their home is not taken into consideration. Let alone that many patients don't even know when to seek an osteopath, as they don't know anything about osteopathy.

In the course of a successful cooperation the patient is lead to the best therapy much more quickly.

#### **Relevance for Osteopathy:**

The position of osteopathy within the medical field should be improved or rather established. Therefore osteopaths should care more about cooperation and initiate it more often. The results of this research could also be of help for younger collegues: how to start and keep up a good cooperation.

## Methodology:

I designed a questionnaire. I decided to use the computer to send my questionnaires and also for the analysis of data. It is the easiest way of transmission, avoiding waste paper. The WSO agreed to send the questionnaires via e-mail to 269 osteopaths and students in their 6<sup>th</sup> year.

A computer specialist placed the questionnaire in the web. As mentioned before, 269 questionnaires were sent off, including a letter of information, giving instructions and explaining the purpose of the study.

After that I analysed the questionnaires. I used homepages and brochures/folders of collegues as an additional source of information and evaluated them as well.

#### **Results:**

The percentage of returns was only 37,5%, which made me think that the topic is of only little interest to my collegues.

But on the other hand out of 101 osteopaths 84% stated a cooperation with medical doctors. There is no relevant difference according to the original job training.

Osteopaths most frequently work together with general practitioners, orthopaedists and case surgeons. Those osteopaths who were physiotherapists first, and here again more women than men, are mostly interested in being covered legally and therefore seek cooperation.

The grade of contentment with cooperations is higher in men than women and also in osteopaths who finished their education between 01 and 04. Osteopaths who work under the denotation of osteopath only cooperate less often with medical doctors. Generally it turned out that comunication should take place during personal conversation or at least over the phone.

Repeatedly it was stated that doctors should be better informed about osteopathy, possibly osteopathy should be already introduced during the study of medicine.

In order to achieve a successful cooperation, mutual interest and commitment are necessary.

## **Critical Reflection/ Perspectives/ Conclusions:**

The low number of returns (37,5%) raises the question if this is a representative result for Austrian osteopaths. The gender related differences could be analysed in more detail, by inserting more specific questions in the questionnaire, and possibly evaluating it psychologically. As far as I'm concerned I think it is alarming that osteopaths who denote themselves osteopaths only are less interested in a cooperation. This aspect would certainly call for a further study.

Nevertheless I hope I prompted some of my collegues to think about how they could form and maintain cooperations with medical doctors. Most of all I hope that they realized the necessity of such cooperations for the benefit of our patients.

At last I ask the association of osteopaths to take the official recognition of osteopathy as priority over everything else.

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# 9 Appendix

# 9.1 Appendix 1: Fragebogen

_	athen/innen und Arzte/innnen - ein
	ingsfeld ?
Teil 1 Biog	
* q1: Geschle	Bitte nur eine Antwort aus folgenden Möglichkeiten wählen
	Weiblich
	Männlich
* q2: Wo hab	en Sie Ihre Ausbildung zum Osteopathen/in gemacht?
	Bitte nur eine Antwort aus folgenden Möglichkeiten wählen
	wso
	Sonstiges
* q3: Ausbild	ungsstand?
	Bitte nur eine Antwort aus folgenden Möglichkeiten wählen
	Dipl. Osteopath/in
	Osteopath/in
	Student/in im 6. Ausbildungsjahr
	MSC Osteopathie
	Sonstiges
* q4: Was ist	Ihre Grundausbildung?
	Bitte nur eine Antwort aus folgenden Möglichkeiten wählen
	Arzt/Ärztin
	Physiotherapeut/in
	Ergotherapeut/in
	Hebamme
	Sonstiges
* q5: In welc	hem Land arbeiten Sie?
	Bitte nur eine Antwort aus folgenden Möglichkeiten wählen
	Burgenland
	Kärnten
	Niederösterreich
	Oberösterreich
	Salzburg
	Steiermark

	Tirol
	Vorarlberg
	Wien
	Sonstiges
* q6: Arbeits	
	Bitte alle auswählen die zutreffen und einen Kommentar dazuschreiben
	Angestellt als
	Freiberuflich als
* q7: Sind Sie	e im ursprünglichen Beruf tätig?  Bitte nur eine Antwort aus folgenden Möglichkeiten wählen  Ja
	<sup>™</sup> Nein
* q8: Wie bez	zeichnen Sie sich offiziell?  Bitte nur eine Antwort aus folgenden Möglichkeiten wählen
	Ostepath/in
	Ursprüngliche Berufsbezeichnung
	Beides
* q9: Was ste	eht auf Ihrem Praxisschild/Visitenkarten?
	Bitte schreiben Sie Ihre Antwort hier
_	sie sich als Osteopath/in bezeichnen, seit wann tun Sie das tenkarten/Praxisschild)? Bitte Jahreszahl angeben.
(OTTIZION VISI	Bitte schreiben Sie Ihre Antwort hier
Teil 2 7usa	ımmenarbeit
	en Sie zur Zeit mit Ärzt/innen zusammen?
	Bitte nur eine Antwort aus folgenden Möglichkeiten wählen
	□ <sub>Ja</sub>
	Nein
[Ditto boosty)	
	orten Sie diese Frage nur, falls ihre Antwort 'Ja' war bei der Frage 'q11 '] ten/innen aus welchem Fachgebiet arbeiten Sie zusammen?

Bitte wählen Sie die zutreffende Antwort aus

	Sehr Häufig	Häufig	Manchmal	Selten	Nie
Orthopädie					
Chirurgie					
Unfallchirurgie					
Neurologie					
Radiologie					
Pädiatrie					
Gynäkologie					
Allgemein Medizin					
rten Sie diese Frag ungen zu "Mit Är: n?" Bitte schreiben Sie	zten/innen a	us weld			
Ditte scilleiber 30	e mie Antwor	<u> </u>			

[Bitte beantworten Sie diese Frage nur, falls ihre Antwort 'Ja' war bei der Frage 'q11 '] q13: Wie schaut diese Zusammenarbeit aus; Was ist davon am häufigsten?

Bitte wählen Sie die zutreffende Antwort aus

	-					
		ehr äufig	Häufig	Manchm	al Selten	Nie
Ich bekomme von						
Ärzten/innen Patienten						
zugewiesen, pflege aber						
keinen Kontakt						
Ich schicke Patienten um					_	
eine Überweisung (aus Absicherungsgründen)	ш			ш		
Ich pflege mit						
Ärzten/innen einen regen						
fachlichen Austausch	_		_	_		_
Ich gebe Ärzten/innen	_		_	_	_	_
Feedback über Patienten				ш	Ш	
Ich brauche Ärzte/innen	_			_	_	
zur Differentialdiagnostik						
Ich habe Ärztekontakt um			П	П	П	П
Fachthemen zu diskutieren			_			
Beobachtung des	_		_	_	_	_
Therapieerfolges über den				Ш	Ш	
Arzt / die Ärztin						
Ich gehe auf Ärzte/innen						
zu bei Problempatienten Informationsfluss über						
Patienten von	П		П			П
Ärzten/innen an mich			_	_	_	
Ich kommuniziere über						
den/die Patienten/in mit					_	
dem/der Arzt/Ärztin (der			Ш	ш	Ш	
Patient ist der Vermittler)						
[Bitte beantworten Sie diese Frage nur, fal q13b: Ergänzungen zu "Wie schaut die	se Z	usan			_	'q11 ']
Bitte schreiben Sie Ihre An	<u>twor</u>	<u>t hier</u>				
			▼			
1			<b>▶</b>			
[Bitte beantworten Sie diese Frage nur, fal	ls ihr	e Antı	wort 'la'	war he	ei der Frage	'a11 '1
q14: Wie sind Sie mit der Zusammena						4., 1
Bitte wählen Sie die zutreff						

53/72

		Trifft zu	Trifft teilweise zu	Trifft nicht zu
	Ich bin mit der Zusammenarbeit sehr zufrieden			
	Ich möchte die Zusammenarbeit intensivieren			
	Meiner Erfahrung nach sind die Ärzte/innen an der Arbeit von Osteopathen/innen nicht interessiert			
	Die Zusammenarbeit mit Ärzten/innen hat meine Arbeit sehr inspiriert			
	Die Zusammenarbeit mit Ärzten/innen ist interessant			
	Ich bekomme passende Zuweisungen von Ärzten/innen			
	Ich habe eine gute Kommunikation mit den Ärzten/innen, welche auf gegenseitiger Wertschätzung passiert			
	Ich fühle mich durch Ärztliche Diagnosen abgesichert			
	ten Sie diese Frage nur, falls ihre Antwort		_	-
q14b: Erganzi	ungen zu "Wie sind Sie mit der Zusamn Bitte schreiben Sie Ihre Antwort hier	nenarbei	t zufrieder	1 ?"
	_			
	1			
	ten Sie diese Frage nur, falls ihre Antwort '	Ja' war be	ei der Frage	'q11 ']
q15: Wie habe	en Sie die Zusammenarbeit aufgebaut?			
				Γrifft nicht zu
	Habe Patienten an Ärzte/innen empfohlen			
	Habe Ärzte/innen angerufen			
	Habe Ärzte/innen angeschrieben			
	Kontakte mit Ärzten/innen aus dem Bekanntenkreis			
	Persönlich Kontakt mit Ärzten/innen aufge	nommen		
	Zusammenarbeit entstand durch das Arbe gemeinsamen Räumlichkeiten	ten in		
	Ärzte/innen haben mich an andere Ärzte/in weiterempfohlen	nnen		
	Ärzte/innen treten an mich bezüglich Zusammenarbeit heran Bitte wählen Sie die zutreffende Antwort a			
	, =			

[Bitte beantworten Sie diese Frage nur, falls ihre Antwort 'Ja' war bei der Frage 'q11 '] q15b: Ergänzungen zu "Wie haben Sie die Zusammenarbeit aufgebaut?"

	Bitte schreiben Sie Ihre Ant	wort hier
* q16a: Wai		nationen über Ihre Arbeit interessiert? s folgenden Möglichkeiten wählen
	Nein	
[Bitte beantw']	vorten Sie diese Frage nur, fall:	s ihre Antwort 'Ja' war bei der Frage 'q16a
* q16b: Wei	<del>-</del>	nformationen weitergegeben (in
	Bitte alle auswählen, die zu	<u>ıtreffen</u>
	Informationsblätter	
	Broschüren	
	Homepage	
	im Gespräch	
	Sonstiges:	
		sammenarbeit mit Ärzten/innen: un Sie für eine gute Zusammenarbeit
.,	Bitte schreiben Sie Ihre Ant	wort hier
		<u>*</u>
		<u> </u>
Vielen Dank		bogens: bogens. Bitte faxen Sie den ausgefüllten
Fragebogen a	uı .	

## 9.2 Appendix 2: Letter of information

# Fragebogen zu dem Thema Osteopathen/innen und Ärzte/innen - ein Spannungsfeld?

Liebe Kollegin, lieber Kollege!

Ich bin im Rahmen meiner Masterausbildung der Osteopathie, mit der Masterthese zu dem oben genannten Thema beschäftigt. Ich möchte das Thema der Zusammenarbeit von Osteopathen/innen und Ärzten/innen von der Seite der Osteopathen/innen beleuchten. Um dieses zu ermöglichen, ersuche ich Sie um Ihre Mitarbeit.

Ich bitte Sie mir einige ihrer kostbaren Minuten zu schenken, den Fragebogen zu lesen, auszufüllen und ihn mir sobald wie möglich (am besten bis Ende Mai) zurückzuschicken (er umfasst 22 Fragen).

Vielleicht sind Sie auch ein/e Kollege/in, der/die gerade eine Masterthesis verfasst, dann wissen Sie wie wichtig und dringend Ihre Antworten für mich sind, aber ich hoffe auch sonst auf viele Rücksendungen.

Vielen Dank im Voraus, die Auswertung ist selbstverständlich anonym!

Der Fragebogen wurde von der Firma"rarebyte" ins Netz gestellt und steht daher auf ihrer Homepage (nur zur Information, damit es keine Verwirrung gibt)!

Mit freundlichen Grüßen

Lammer Margit!

# 9.3 Appendix 3: Questions for the interview

# Leitfaden der Interviews:

Arbeitest Du mit Ärzten zusammen?

Wenn ja mit welchen.

Wie schaut diese Zusammenarbeit aus?

Ist die Zusammenarbeit zufrieden stellend für Dich, oder was würdest Du gerne ändern?

Wie hast Du Kontakt zu den Ärzten aufgenommen und wie hältst Du ihn aufrecht?

# 9.4 Appendix 4: variables

Question/Statement	Variable	Possible answers
ID	ID	
Sex	sex	female/male
Which osteopathic school did you attend?	school	
State of osteopathic training/degree	state_tr	Stud (6)/Ost/DO/MSC
What is your basic professional training?	basic_tr	MD/PT/else
In which country do you work?	country	
Employed	empl	yes/no
Employment relationship/ employed as/comment	Employed as	s/ <sup>1</sup>
Free lancer	free_I	yes/no
Employment relationship/ free lancer as/comment	Free lancer	as
Are you working in your original job?	or_job	yes/no
How do you denote your job officially?	or_denot	former/"osteopath"/both
What is on your businesscard?	b_card	
Do you co-operate with medical doctors at the present time?	c_gen	yes/no
Do you co-operate with orthopedists at the present time?	c_s_orth	never/rarely/sometimes/often/very often
Do you co-operate with surgeants at the present time?	c_s_surg	never/rarely/sometimes/often/very often
Do you co-operate with casual surgeants at the present time?	c_s_cas	never/rarely/sometimes/often/very often
Do you co-operate with neurologists at the present time?	c_s_neur	never/rarely/sometimes/often/very often
Do you co-operate with radiologists at the present time?	c_s_rad	never/rarely/sometimes/often/very often
Do you co-operate with pediatrists at the present time?	c_s_ped	never/rarely/sometimes/often/very often
Do you co-operate with gynecologists at the present time?	c_s_gyn	never/rarely/sometimes/often/very often
Do you co-operate with general practitioners at the present time?	c_s_GP	never/rarely/sometimes/often/very often
Doctors allot patients, but I do not have contact.	all_no_c	never/rarely/sometimes/often/very often
I ask patients to get an allotment of doctors (for security reasons).	secur	never/rarely/sometimes/often/very often
I have a vivid subject specific exchange with doctors	exch	never/rarely/sometimes/often/very often
I report back to doctors about patients	feedb	never/rarely/sometimes/often/very often
I need doctors for differential diagnosis	diff_dia	never/rarely/sometimes/often/very often
I have contact with doctors in order to discuss medical issues.	issue	never/rarely/sometimes/often/very often
The success of therapy is monitored by the doctor.	succ	never/rarely/sometimes/often/very often
I come up to doctors with problematic patients.	probl	never/rarely/sometimes/often/very often
Information flow from dictor via patients.	I_via_p	never/rarely/sometimes/often/very often
I communicate via the patient with the doctor (patient is the go-between).	C_via_p	never/rarely/sometimes/often/very often
I am very content with co-operation	cont	no/sometimes/yes
I want to intensify co-operation	intens	no/sometimes/yes
In my opinion, doctors are not interested in the activity of osteopaths	no_int	no/sometimes/yes
Co-operation with doctors has inspired my work to a high degree.	inspir	no/sometimes/yes
Co-operation with doctors is interesting.	interest	no/sometimes/yes
I get adequate allotments by doctors.	allot	no/sometimes/yes
Communication with doctors is good, basing on mutual appreciation.	mutual	no/sometimes/yes
I feel ensured by the diagnosis of medical doctors.	ensur	no/sometimes/yes
I have recommended doctors to patients.	rec_d	no/sometimes/yes
I have rang up doctors.	tel	no/sometimes/yes
I have written to doctors	letter	no/sometimes/yes
Contacts with doctors from acquaintance.	acquaint	no/sometimes/yes
Personal contact with doctors	person	no/sometimes/yes
Co-operation started by working in shared rooms.	shared_r	no/sometimes/yes
I have been recommended by other doctors.	d_red	no/sometimes/yes
Doctors made approaches to me.	approach	no/sometimes/yes
Info sheets	info	no/yes
Brochures	broch	no/yes
Homepage	web	no/yes
During conversation	conv	no/yes
•		• •

# 9.5 Appendix 5: raw data

ID sex	finish	school	state_tr	basic_tr	country	empl	free_I	or_job	or_denot	b_card	c_gen	c_s_orth	c_s_surg	c_s_cas	c_s_neur	c_s_rad	c_s_ped
1 f 2 m	2005 1997	WSO WSO	Ost DO	PT MD	Oberösterreich Wien	no no	yes yes	yes ves	both former	Ost/former	yes yes	very often very often	very often very often	very often very often	very often very often	very often sometimes	very often often
3 m	2008	WSO	Stud (6)	PT	Wien	no	yes	yes	both	Ost/former	no						
4 f 5 f	1998 2005	WSO WSO	MSC MSC	PT PT	Wien Steiermark	no yes	yes no	no yes	Ost both	Ost Ost/former	yes no	rarely	never	rarely	sometimes	never	sometimes
6 f	1996	WSO	Ost	PT	Wien	yes	yes	yes	both	Ost/former	yes						often
7 m 8 f	1996 1999	WSO WSO	Ost MSC	PT PT	Salzburg Niederösterreich	no no	yes ves	yes no	both both	Ost/former Ost/former	yes yes	often rarelv	rarely never	rarely never	rarely sometimes	never	often never
9 m	2002	WSO	Stud (6)	PT	Niederösterreich	no	yes	yes	former	Ost/former	yes	very often	rarely	often		rarely	
10 m 11 f	2007 2005	WSO WSO	Stud (6) Stud (6)	PT PT	Steiermark Oberösterreich	no no	yes yes	yes yes	both both	Ost/former Ost/former	no yes	sometimes	never	often	rarely	never	often
12 f	2004	WSO	MSC	PT	Steiermark	yes	yes	yes	both	Ost/former	yes	often	110 101	O.CO.	very often	110701	Ottori
13 m 14 f	2004 2005	WSO WSO	Ost Ost	MD PT	Oberösterreich Tirol	no no	yes yes	yes yes	both both	Ost/former former	yes yes					sometimes	
15 f	2007	WSO	Stud (6)	MD	Oberösterreich	no	yes	no	both	Ost	yes						
16 f 17 f	2001	WSO WSO	MSC MSC	PT PT	Salzburg Wien	no no	yes yes	yes no	Ost Ost	Ost/former Ost/former	yes yes	sometimes	rarely	sometimes	rarely	never	sometimes
18 f	1997	WSO	MSC	PT	Salzburg	no	yes	yes	Ost	Ost/former	yes	sometimes	rarely	rarely	rarely	rarely	rarely
19 f 20 f	2001	WSO WSO	Ost DO	PT PT	Wien Wien	no	yes	no	Ost both	Ost/former Ost/former	no	often	never	very often	never	never	never
21 m	2000	WSO	Ost	MD	Wien	no no	yes yes	yes yes	former	former	yes no	orten	lievei	very orteri	rievei	lievei	TIEVEI
22 f	2005	WSO	Ost	PT MD	Tirol	no	yes	yes	both	Ost/former	no	ofton	roroh	ofton	comotimos	ofton	roroly
23 m 24 f	2001	WSO WSO	MSC MSC	PT	Wien Sonstiges	no no	yes yes	yes no	both Ost	Ost/former Ost/former	yes yes	often	rarely	often	sometimes	often	rarely
25 m 26 m	2006 1998	WSO WSO	Stud (6) MSC	MD PT	Vorarlberg Steiermark	no no	yes	yes no	both Ost	Ost/former Ost	yes	rarely	sometimes	sometimes	often		rarely
27 f	2003	WSO	DO	PT	Wien	no	yes yes	no	both	Ost/former	yes yes	very often	sometimes	sometimes	rarely		very often
28 f	2000	WSO	MSC	PT	Steiermark	no	yes	yes	both	Ost/former	yes	very often	rarely	sometimes	rarely	never	very often
29 f 30 m	2005 2006	WSO WSO	Ost Ost	PT PT	Wien Salzburg	no no	yes yes	yes yes	both both	Ost/former Ost/former	no yes						
32 m	2005	WSO	Stud (6)	PT	Oberösterreich	yes	no	yes	both	former	yes	sometimes	sometimes	sometimes	sometimes		rarely
33 f 34 f		WSO WSO	MSC Ost	PT PT	Steiermark Oberösterreich	no no	yes yes	yes yes	both both	Ost/former Ost/former	yes yes	often sometimes	never rarely	sometimes sometimes	never rarely	sometimes	rarely
35 m	2003	WSO	MSC	MD	Oberösterreich	no	yes	yes	both	Ost/former	yes	sometimes	sometimes		,		sometimes
36 f 37 m	2006 2003	WSO WSO	Stud (6) MSC	PT PT	Steiermark Vorarlberg	no no	yes yes	yes yes	both both	Ost/former Ost/former	yes yes	often		often			sometimes often
38 f	2000	WSO	Ost	PT	Sonstiges	yes	no	yes	former	former	yes	very often	very often	very often	rarely	never	rarely
39 m 40 f	2000 1997	WSO WSO	MSC MSC	PT PT	Wien Tirol	no no	yes ves	yes yes	former both	former Ost/former	yes yes	very often	rarely often	rarely often	very often sometimes	never sometimes	never sometimes
41 m	2004	WSO	Ost	PT	Wien	no	yes	no	Ost	Ost/former	yes	sometimes	never	never	often	never	never
42 f 43 f	2000	WSO WSO	MSC MSC	PT PT	Steiermark Wien	no no	yes yes	yes no	Ost Ost	Ost/former Ost	yes yes	sometimes	sometimes rarely	rarely	sometimes rarely	never	often
44 f	2000	WSO	else	PT	Tirol	no	yes	yes	both	Ost/former	no	Sometimes	raiciy	ruiciy	raiciy	ricvoi	OILCII
45 f 46 f	2000 2005	WSO WSO	MSC Ost	PT PT	Steiermark Wien	yes yes	no yes	yes yes	former both	Ost/former Ost/former	yes yes	very often sometimes	rarely never	sometimes never	sometimes never	never never	often sometimes
47 m	2003	WSO	Ost	PT	Oberösterreich	no	yes	yes	both	Ost/former	yes	often	never	rarely	sometimes	rarely	rarely
48 f 49 f	2004	WSO WSO	Stud (6)	PT PT	Salzburg	no	yes	yes	both both	Ost/former	yes	sometimes often	comotimos	ofton	comotimos	nover	very often often
50 m	2001 2004	WSO	Ost Ost	PT	Steiermark Wien	no no	yes yes	yes yes	Ost	Ost/former Ost/former	yes no	oiten	sometimes	often	sometimes	never	onen
51 m	2006	WSO	MSC Stud (6)	PT	Tirol	no	yes	yes	both	Ost/former		ofton	very often	very often	roroh		
52 f 53 f	2000	WSO	Stud (6)	PT	Steiermark	yes	no	yes	former	former	yes	often	sometimes	sometimes	rarely		
	2000	Sonstiges	MSC	PT	Sonstiges	no	yes	yes	both	Ost/former	yes	sometimes	never	never	never	never	never
54 f	2005	WSO	Ost	PT	Niederösterreich	no	yes	no	both	Ost/former	no						
54 f 55 f					Niederösterreich Steiermark	no no	yes yes	no no			no yes		never	never	never sometimes	never	never
54 f 55 f 56 m 57 m	2005 2001 2000 2004	WSO WSO WSO Sonstiges	Ost Stud (6) MSC else	PT PT PT	Niederösterreich Steiermark Salzburg Sonstiges	no no no no	yes yes yes yes	no no yes no	both both both Ost	Ost/former Ost Ost/former Ost/former	no yes yes yes	sometimes sometimes	never	rarely	sometimes	never	never
54 f 55 f 56 m 57 m 58 f	2005 2001 2000 2004 2006	WSO WSO WSO Sonstiges WSO	Ost Stud (6) MSC else Stud (6)	PT PT PT PT PT	Niederösterreich Steiermark Salzburg Sonstiges Oberösterreich	no no no no	yes yes yes yes yes	no no yes no yes	both both both Ost both	Ost/former Ost Ost/former Ost/former Ost/former	no yes yes yes yes	sometimes sometimes sometimes	never		sometimes		never
54 f 55 f 56 m 57 m 58 f 59 f 60 f	2005 2001 2000 2004 2006 2007 2006	WSO WSO WSO Sonstiges WSO WSO WSO	Ost Stud (6) MSC else Stud (6) Stud (6) Stud (6)	PT PT PT PT PT PT PT	Niederösterreich Steiermark Salzburg Sonstiges Oberösterreich Niederösterreich Wien	no no no no no no	yes yes yes yes yes yes	no no yes no yes yes yes	both both Ost both both both both	Ost/former Ost Ost/former Ost/former Ost/former Ost/former	no yes yes yes yes yes yes	sometimes sometimes sometimes sometimes very often	never often rarely	rarely	sometimes sometimes	never	never sometimes sometimes
54 f 55 f 56 m 57 m 58 f 59 f 60 f 61 f	2005 2001 2000 2004 2006 2007 2006 2001	WSO WSO WSO Sonstiges WSO WSO WSO	Ost Stud (6) MSC else Stud (6) Stud (6) Stud (6) Stud (6)	PT PT PT PT PT PT	Niederösterreich Steiermark Salzburg Sonstiges Oberösterreich Niederösterreich Wien Vorarlberg	no no no no no	yes yes yes yes yes yes yes yes	no no yes no yes yes	both both Ost both both both both both both	Ost/former Ost Ost/former Ost/former Ost/former Ost/former	no yes yes yes yes yes yes yes	sometimes sometimes sometimes sometimes	never often rarely	rarely very often	sometimes	never	never
54 f 55 f 56 m 57 m 58 f 59 f 60 f 61 f 62 m 63 f	2005 2001 2000 2004 2006 2007 2006 2001 1997 2001	WSO WSO WSO Sonstiges WSO WSO WSO Sonstiges WSO WSO WSO Sonstiges WSO	Ost Stud (6) MSC else Stud (6) Stud (6) Stud (6) Stud (6) DO	PT	Niederösterreich Steiermark Salzburg Sonstiges Oberösterreich Niederösterreich Wien Vorarlberg Sonstiges Tirol	no no no no no no no no no no	yes	no yes no yes yes yes yes no yes	both both Ost both both both both both both both bot	Ost/former Ost Ost/former Ost/former Ost/former Ost/former Ost/former Ost/former Ost/former Ost/former Ost	no yes	sometimes sometimes sometimes sometimes very often sometimes often	never often rarely	very often very often never rarely	sometimes sometimes rarely never sometimes	never never never never	never sometimes sometimes
54 f 55 f 56 m 57 m 58 f 59 f 60 f 61 f 62 m 63 f 64 f	2005 2001 2000 2004 2006 2007 2006 2001 1997 2001 2004	WSO WSO Sonstiges WSO WSO WSO Sonstiges WSO WSO WSO WSO Sonstiges WSO WSO	Ost Stud (6) MSC else Stud (6) Stud (6) Stud (6) Stud (6) DO DO Ost	PT P	Niederösterreich Steiermark Salzburg Sonstiges Oberösterreich Niederösterreich Wien Vorarlberg Sonstiges Tirol Wien	no no no no no no no no no no no no no	yes	no no yes no yes yes yes yes yes yes yes yes yes	both both Ost both both both both both both both bot	Ost/former Ost Ost/former Ost/former Ost/former Ost/former Ost/former Ost/former Ost/former Ost Ost/former Ost/former Ost/former	no yes yes yes yes yes yes yes yes yes yes	sometimes sometimes sometimes sometimes very often sometimes often	never often rarely rarely sometimes	very often very often never	sometimes sometimes rarely never	never	never sometimes sometimes rarely rarely
54 f 55 f 56 m 57 m 58 f 59 f 60 f 61 f 62 m 63 f 64 f 65 f 66 m	2005 2001 2000 2004 2006 2007 2006 2001 1997 2001 2004 2000 2004	WSO WSO WSO Sonstiges WSO WSO WSO WSO Sonstiges WSO WSO Sonstiges WSO WSO WSO WSO	Ost Stud (6) MSC else Stud (6) Stud (6) Stud (6) Stud (6) DO DO Ost Ost Stud (6)	PT P	Niederösterreich Steiermark Salzburg Sonstiges Oberösterreich Niederösterreich Wien Vorarlberg Sonstiges Tirol Wien Salzburg Wien	no n	yes	no no yes no yes	both both Ost both both both both both both both bot	Ost/former Ost Ost/former	no yes	sometimes sometimes sometimes sometimes very often sometimes often often very often sometimes	never  often rarely  rarely sometimes rarely	very often very often never rarely often sometimes	sometimes sometimes rarely never sometimes often never	never never never never often never	sometimes sometimes rarely rarely often
54 f 55 f 56 m 57 m 58 f 59 f 60 f 61 f 62 m 63 f 64 f 65 f 66 m 67 m	2005 2001 2000 2004 2006 2007 2006 2001 1997 2001 2004 2000 2004 2000	WSO WSO WSO Sonstiges WSO WSO Sonstiges WSO WSO Sonstiges WSO WSO WSO WSO WSO WSO WSO WSO	Ost Stud (6) MSC else Stud (6) Stud (6) Stud (6) Stud (6) DO DO Ost Ost Stud (6) Ost	PT P	Niederösterreich Steiermark Salzburg Sonstiges Oberösterreich Niederösterreich Wien Vorarlberg Sonstiges Tirol Wien Salzburg Wien Vorarlberg	no n	yes	no no yes no yes	both both Ost both both both both both both both bot	Ost/former Ost Ost/former	no yes	sometimes sometimes sometimes sometimes very often sometimes often often very often sometimes	never often rarely rarely sometimes	very often very often never rarely often	sometimes sometimes rarely never sometimes often never	never never never never often never	sometimes sometimes rarely rarely often
54 f 55 f 56 m 57 m 58 f 59 f 60 f 61 f 62 m 63 f 64 f 65 f 66 m 67 m 68 m 69 f	2005 2001 2000 2004 2006 2007 2006 2001 1997 2001 2004 2000 2004 2000 2001 2004	WSO WSO WSO Sonstiges WSO WSO WSO Sonstiges WSO	Ost Stud (6) MSC else Stud (6) Stud (6) Stud (6) Stud (6) DO DO Ost Ost Stud (6)	PT P	Niederösterreich Steiermark Salzburg Sonstiges Oberösterreich Niederösterreich Wien Vorarlberg Sonstiges Tirol Wien Salzburg Wien Vorarlberg Sonstiges Tirol Wien Sonstiges Wien	no n	yes	no no yes no yes	both both both both both both both both	Ost/former Ost Ost/former	no yes	sometimes sometimes sometimes sometimes very often sometimes often very often sometimes sometimes sometimes	never  often rarely  rarely sometimes rarely	very often very often never rarely often sometimes	sometimes sometimes rarely never sometimes often never	never never never never often never sometimes	sometimes sometimes rarely rarely often
54 f 55 f 56 m 57 m 58 f 59 f 60 f 61 f 62 m 63 f 64 f 65 f 66 m 67 m 68 m 69 f 70 m	2005 2001 2000 2004 2006 2007 2006 2001 1997 2001 2004 2000 2004 2000 2004 2000 2004 2000	WSO WSO WSO Sonstiges WSO WSO WSO WSO Sonstiges WSO WSO WSO SONSTIGES WSO WSO WSO WSO WSO WSO WSO WSO WSO WS	Ost Stud (6) MSC else Stud (6) Stud (6) Stud (6) Stud (6) DO Ost Ost Stud (6) Ost Stud (6) Ost Stud (6)	PT P	Niederösterreich Steiermark Salzburg Sonstiges Oberösterreich Wien Vorarlberg Sonstiges Tirol Wien Salzburg Wien Salzburg Wien Sonstiges Wien Vorarlberg Sonstiges	no n	yes	no no yes no yes	both both both both both both both both	Ost/former Ost Ost/former	no yes	sometimes sometimes sometimes sometimes very often sometimes often often very often sometimes	never  often rarely  rarely sometimes rarely	very often very often never rarely often sometimes often	sometimes sometimes rarely never sometimes often never	never never never never often never sometimes	sometimes sometimes rarely rarely often
54 f 55 f 56 m 57 m 58 f 59 f 60 f 61 f 62 m 63 f 64 f 65 f 66 m 68 m 69 f 70 m	2005 2001 2000 2004 2006 2007 2006 2001 1997 2001 2004 2000 2004 2000 2004 2008 2000 2008 2000 2000	WSO WSO WSO Sonstiges WSO	Ost Stud (6) MSC else Stud (6) Stud (6) Stud (6) Stud (6) DO DO Ost Ost Stud (6) Ost	PT P	Niederösterreich Steiermark Salzburg Sonstiges Oberösterreich Niederösterreich Wien Vorarlberg Sonstiges Tirlol Wien Vorarlberg Sonstiges Wien Vorarlberg Wien Vorarlberg Wien Vorarlberg Wien Vorarlberg Wien	no n	yes	no no yes no yes	both both both Ost both both both both both both both bot	Ost/former Ost Ost/former	no yes	sometimes sometimes sometimes very often sometimes often often very often sometimes often very often sometimes	never  often rarely  rarely sometimes rarely  sometimes  often often fararely	very often very often very often never rarely often sometimes often rarely rarely rarely	sometimes sometimes rarely never sometimes often never sometimes rarely often rarely	never  never  never often  never sometimes sometimes never rarely	sometimes sometimes rarely often never sometimes rarely sometimes rarely sometimes
54 f 55 f 56 m 57 m 58 f 59 f 60 f 61 f 62 m 63 f 64 f 65 f 66 m 67 m 68 m 69 f 70 m 71 m 72 m	2005 2001 2000 2004 2004 2004 2000 2001 2004 2000 2001 2004 2000 2001 2004 2000 2001 2004 2009 2000 2009 2009 2009 2009 2009	WSO WSO WSO Sonstiges WSO	Ost Stud (6) MSC else Stud (6) Stud (6) Stud (6) DO DO Ost Stud (6) Stud (6) Ost DO Ost Stud (6) Ost	PT P	Niederösterreich Steiermark Salzburg Sonstiges Oberösterreich Wien Vorarlberg Sonstiges Tirol Wien Salzburg Wien Salzburg Wien Sonstiges Wien Vorarlberg Sonstiges Wien Sonstiges	no n	yes	no no yes no yes	both both both Ost both both both both both both both bot	Ost/former Ost Ost/former former former former Ost/former Ost/former Ost/former Ost/former Ost/former	no yes	sometimes sometimes sometimes sometimes very often sometimes often often very often sometimes sometimes sometimes sometimes sometimes sometimes sometimes sometimes	never  often rarely  rarely sometimes rarely  sometimes often often	very often very often very often never rarely often sometimes sometimes often rarely	sometimes sometimes rarely never sometimes often never sometimes rarely often rarely often rarely never	never  never  never often  never sometimes sometimes never rarely	sometimes sometimes rarely rarely often never sometimes
54 f 55 f 56 m 57 m 58 f 59 f 60 f 61 f 62 m 63 f 64 f 65 f 66 m 67 m 68 m 69 f 70 m 71 m 72 m 73 m	2005 2001 2000 2006 2007 2006 2001 1997 2001 2004 2000 2004 2000 2004 2000 2004 2000 2009 2009	WSO WSO WSO WSO WSO Sonstiges WSO WSO Sonstiges WSO	Ost Stud (6) MSC else Stud (6) Stud (6) Stud (6) Stud (6) Stud (6) DO Ost Stud (6)	PT P	Niederösterreich Steiermark Steiermark Salzburg Sonstiges Oberösterreich Wien Vorarlberg Sonstiges Tirol Wien Salzburg Wien Vorarlberg Sonstiges Tirol Wien Vorarlberg Sonstiges Wien Vorarlberg Wien Vorarlberg Wien Vorarlberg Wien Vorarlberg Wien Wien Vorarlberg Wien Wien Wien Wien Wien Wien Wien Wien	no n	yes	no no yes	both both both Ost both both both both both both both bot	Ost/former Ost Ost/former	no yes	sometimes sometimes sometimes sometimes very often sometimes often often often sometimes	never often rarely sometimes rarely sometimes often often often often enever	very often very often very often never rarely often sometimes often rarely rarely never rarely	sometimes sometimes rarely never sometimes often rarely arely often rarely often rarely never sometimes sometimes sometimes	never  never  never  never often  sometimes  sometimes  never  rarely never	never  sometimes sometimes rarely rarely often  never sometimes rarely
54 f 55 f 56 m 57 m 58 f 59 f 60 f 61 f 62 m 63 f 64 f 65 f 66 m 67 m 68 m 69 f 70 m 71 m 72 m 73 m 74 f 75 f	2005 2001 2004 2006 2007 2006 2001 1997 2001 2004 2000 2004 2000 2004 2000 2001 2004 2000 2000	WSO	Ost	PT P	Niederösterreich Steiermark Steiermark Salzburg Sonstiges Oberösterreich Wien Vorarlberg Sonstiges Tirol Wien Salzburg Wien Salzburg Wien Salzburg Wien Tirol Sonstiges Wien Tirol Sonstiges Wien Niederösterreich Niederösterreich Niederösterreich	no n	yes	no no yes	both both both Ost both both both both both both both bot	Ost/former Ost Ost/former	no yes	sometimes sometimes sometimes sometimes very often sometimes often often often sometimes sometimes often sometimes sometimes sometimes sometimes sometimes sometimes sometimes sometimes sometimes	never  often rarely  rarely sometimes rarely  sometimes  often often fararely	very often very often never rarely often sometimes sometimes often rarely rarely rarely rarely never	sometimes sometimes rarely never sometimes often rarely inever sometimes rarely often rarely never sometimes sometimes	never  never  never often  never sometimes sometimes never rarely	sometimes sometimes rarely often never sometimes rarely sometimes rarely sometimes
54 f 55 f m 56 m 57 m 58 f 60 f 61 f 62 m 63 f 64 f 65 f 66 m 77 m 88 m 69 f 70 m 71 m 72 m 73 m 74 f 75 f 76 f	2005 2001 2000 2004 2006 2001 1997 2001 2004 2000 2001 2004 2000 2002 2002	WSO WSO WSO WSO WSO Sonstiges WSO	Ost   Ost   Stud (6)   Stud (6)   Stud (6)   Stud (6)   Stud (6)   DO   DO   Ost   Stud (6)   MSC   Ost   Stud (6)   MSC   Ost   Stud (6)   MSC   Ost   Stud (6)   MSC   Ost   Ost	PT P	Niederösterreich Steiermark Steiermark Salzburg Sonstiges Oberösterreich Wien Vorarlberg Sonstiges Tirol Wien Salzburg Wien Vorarlberg Sonstiges Tirol Wien Vorarlberg Sonstiges Wien Vorarlberg Wien Vorarlberg Wien Vorarlberg Wien Niederösterreich Burgenland Wien	no n	yes	no no yes no yes	both both both both both both both both	Ost/former Ost Ost/former	no yes	sometimes sometimes sometimes sometimes sometimes often often often sometimes often often sometimes sometimes sometimes sometimes sometimes sometimes sometimes sometimes often very often often very often often very often	never often rarely sometimes rarely sometimes often often often rarely never never	very often very often very often never rarely often sometimes sometimes often rarely rarely never rarely never often often often often often	sometimes sometimes rarely never sometimes often never sometimes rarely often rarely never sometimes sometimes sometimes sometimes sometimes	never  never  never  never  often  sometimes  sometimes  never  never  never  never  never  never  never	never  sometimes sometimes rarely rarely often  never sometimes rarely rarely rarely rarely vary rarely
54 f 55 f 56 m 57 m 58 f 59 f 60 f 61 f 62 m 63 f 64 f 65 f 66 m 67 m 68 m 70 m 72 m 72 m 74 f 75 f 76 f 77 m	2005) 2001) 2001) 2004) 2006) 2007) 2006) 2007) 2006) 2007) 2006) 2007) 2008) 2008) 2009)	WSO	Ost Stud (6) MSC else Stud (6) Stud (6) Stud (6) Stud (6) Stud (6) DO OST Stud (6) MSC OST Stud (6) MSC OST Stud (6) MSC OST MSC OST MSC OST MSC MSC MSC	PT P	Niederösterreich Steiermark Steiermark Salzburg Sonstiges Oberösterreich Niederösterreich Niederösterreich Wien Vorarlberg Sonstiges Tirol Wien Vorarlberg Sonstiges Wien Vorarlberg Sonstiges Wien Vorarlberg Sonstiges Wien Norarlberg Wien Norarlberg Wien Norarlberg Wien Wien Norarlberg Wien Norarlberg Wien Norarlberg Wien Niederösterreich Burgenland Wien Niederösterreich	no n	yes	no no no yes yes yes no yes yes no yes yes yes no yes	both both both both both both both both	Ost/former Ost Ost/former former former former former former Ost/former former former Ost/former former Ost/former former Ost/former former Ost/former former Ost/former	no yes	sometimes sometimes sometimes sometimes very often sometimes often very often sometimes very often very often very often very often	never  often rarely  rarely sometimes rarely  sometimes often often often rarely never	very often very often very often very often very often sometimes sometimes often rarely rarely rarely rarely rarely rarely rarely often often often often	sometimes sometimes sometimes rarely never sometimes often never sometimes rarely often rarely never sometimes sometimes sometimes sometimes sometimes sometimes	never  never  never  never  never  often  never  sometimes  sometimes  never  rarely  never  never  often  never	never  sometimes sometimes rarely often  never sometimes rarely sometimes  rarely sometimes very often rarely sometimes
54 f 55 f 56 m 57 m 58 f 60 f 61 f 62 m 63 f 64 f 65 f 66 m 70 m 71 m 72 m 73 m 74 f 75 f 76 f 77 m	2005 2001 2001 2001 2001 2001 2001 2001	WSO	Ost Stud (6) MSC else Stud (6) Stud (6) Stud (6) Stud (6) DO Ost Ost Stud (6) Ost Stud (6) Ost Stud (6) MSC Ost MSC MSC MSC MSC MSC Ost	PT P	Niederösterreich Steiermark Steiermark Salzburg Sonstiges Oberösterreich Wien Vorarlberg Sonstiges Tirol Wien Salzburg Wien Vorarlberg Sonstiges Tirol Wien Vorarlberg Sonstiges Wien Vorarlberg Wien Vorarlberg Wien Vorarlberg Wien Niederösterreich Burgenland Wien	no n	yes	no no yes no yes	both both both both both both both both	Ost/former Ost Ost/former	no yes	sometimes sometimes sometimes sometimes sometimes often often often sometimes often often sometimes sometimes sometimes sometimes sometimes sometimes sometimes sometimes often very often often very often often very often	never often rarely sometimes rarely sometimes often often often rarely never never	very often very often very often never rarely often sometimes sometimes often rarely rarely never rarely never often often often often often	sometimes sometimes rarely never sometimes often never sometimes rarely often rarely never sometimes sometimes sometimes sometimes sometimes	never  never  never  never  often  sometimes  sometimes  never  never  never  never  never  never  never	never  sometimes sometimes rarely rarely often  never sometimes rarely rarely rarely rarely vary rarely
54 f 55 f 56 m 57 m 58 f 60 f 61 f 62 m 63 f 65 f 66 m 67 m 68 m 70 m 71 m 72 m 73 m 74 f 75 f 76 f 77 m 88 f 79 f 89 f 89 f 89 f 89 f 89 f 89 f 80 f 80 f 80 f 80 f 80 f 80 f 80 f 80	2005 2001 2001 2001 2001 2001 2001 2001	WSO	Ost	PT P	Niederösterreich Steiermark Steiermark Steiermark Salzburg Sonstiges Oberösterreich Niederösterreich Vorarlberg Sonstiges Tirol Wien Salzburg Wien Vorarlberg Sonstiges Tirol Wien Vorarlberg Sonstiges Wien Vorarlberg Sonstiges Wien Norarlberg Norarlberg Vorarlberg Niederösterreich	NO   NO   NO   NO   NO   NO   NO   NO	yes	no no no yes yes yes yes no yes	both both both both both both both both	Ost/former Ost Ost/former	no yes	sometimes sometimes sometimes sometimes very often sometimes often often very often sometimes sometimes sometimes sometimes sometimes sometimes sometimes sometimes often rarely sometimes often very often very often very often rarely often rarely often rarely often rarely often rarely	never  often rarely  rarely sometimes rarely  sometimes often often often rarely never  rarely rarely sometimes	very often very often very often very often very often very often sometimes often rarely rarely rarely rarely rarely rarely often	sometimes sometimes rarely never sometimes often never sometimes rarely often rarely never sometimes sometimes sometimes sometimes sometimes sometimes sometimes sometimes sometimes often rarely rarely rarely often	never  never  never  never  never  never  often  never  sometimes  never  rarely  never  often  never  rarely  never  often  never	never  sometimes sometimes rarely rarely often  never sometimes  rarely rarely sometimes  rarely rarely sometimes never  very often  rarely sometimes
54 f 55 f 56 m 57 m 58 f 59 f 60 f 61 f 62 m 63 f 64 f 65 f 66 m 67 m 68 m 70 m 72 m 72 m 74 f 75 f 76 f 77 m 80 f 80 f 80 f 80 f 80 f 80 f 80 f 80 f	2005.02 2001.0	WSO	Ost   Stud (6)   Ost   MSC   Ost   MSC   Ost   MSC   Ost   MSC   Ost   MSC   Ost   Ost	PT P	Niederösterreich Steiermark Steiermark Steiermark Salzburg Sonstiges Oberösterreich Niederösterreich Wien Vorarlberg Sonstiges Tirol Wien Salzburg Wien Vorarlberg Sonstiges Tirol Sonstiges Wien Vorarlberg Sonstiges Wien Vorarlberg Sonstiges Wien Norarlberg Wien Vorarlberg Wien Norarlberg Wien Norarlberg Wien Norarlberg Wien Niederösterreich Burgenland Wien Niederösterreich Niederösterreich Niederösterreich Niederösterreich Niederösterreich Niederösterreich	no n	yes	no no yes yes yes yes no yes no yes	both both both both both both both both	Ost/former Ost Ost/former	no yes	sometimes sometimes sometimes sometimes sometimes often often often sometimes often often sometimes sometimes sometimes sometimes sometimes sometimes sometimes sometimes often very often often often very often often often very often often often very often often often often very often often often very often	never often rarely sometimes sometimes often often often often often never never rarely never sometimes often ofte	very often very often never rarely often sometimes sometimes often rarely never rarely never often often often often often often	sometimes sometimes rarely never sometimes often rarely often rarely often sometimes sometimes sometimes sometimes sometimes sometimes sometimes rarely	never never never never often never sometimes sometimes never never never never never never	never  sometimes sometimes rarely rarely often  never sometimes rarely rarely rarely rarely rarely rarely sometimes never very often  rarely sometimes sometimes sometimes never sometimes sometimes sometimes
54 f 555 m 556 m 57 m 58 f 600 f 61 f 62 m 63 f 64 f 65 f 66 m 67 m 68 m 69 f 70 m 71 m 72 m 73 m 74 f 75 f 76 f 77 m 81 f 78 f 81 f 82 f 83 m 84 f 85 f 86 f 87 m 87 m 88 f 88 f 89 f 89 f 89 f 89 f 89 f 89 f	2005.02 2001.0	WSO	Ost   Stud (6)   MSC   else   Stud (6)   Stud (6)   Stud (6)   Stud (6)   Stud (6)   Stud (6)   OO   Oot   Oot   Stud (6)   Oot   Stud (6)   Oot   Stud (6)   Oot   Stud (6)   MSC   Oot   Stud (6)   MSC   Oot   Stud (6)   MSC   Oot   Stud (6)   MSC   Oot   MSC   Oot   Stud (6)   MSC   Oot   Stud (6)   St	PT P	Niederösterreich Steiermark Steiermark Steiermark Salzburg Sonstiges Oberösterreich Wien Vorarlberg Sonstiges Tirol Wien Salzburg Wien Vorarlberg Sonstiges Tirol Wien Vorarlberg Sonstiges Tirol Wien Vorarlberg Sonstiges Wien Vorarlberg Nien Niederösterreich Niederösterreich Niederösterreich Wien Niederösterreich Wien Oberösterreich Wien	no n	yes	no n	both both both both both both both both	Ost/former Ost Ost/former	no yes yes yes no yes	sometimes sometimes sometimes sometimes very often sometimes often very often sometimes often sometimes sometimes often toften sometimes sometimes sometimes often very often sometimes sometimes sometimes sometimes sometimes sometimes sometimes	never  often rarely  rarely sometimes rarely  sometimes often often often rarely never  rarely often sometimes rarely never	very often very very very very very very very very	sometimes sometimes rarely never sometimes often never sometimes rarely often rarely never sometimes	never  never  never  never  never  never  never  sometimes  sometimes  rarely never  never  never  never  never  never	never  sometimes sometimes rarely rarely often  never sometimes  rarely rarely rarely rarely rarely rarely rarely rarely rarely sometimes never  very often  rarely sometimes sometimes sometimes sometimes sometimes sometimes sometimes
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54 f 55 f 56 m 57 m 58 f 60 f 61 f 62 m 63 f 64 f 65 f 66 m 67 m 72 m 72 m 73 m 74 f 75 f 76 f 77 m 88 f 79 f 80 f 82 f 83 f 83 f 84 m 85 f 88 f 87 f 88 m 99 f 91 f 99 m 99 m 99 m	2005) 2001 2004 2000 2004 2000 2004 2000 2004 2000 2004 2000 2004 2000 2004 2000 2005 2005	WSO	Ost Stud (6) MSC Ost Ost MSC Ost MSC Ost MSC Ost Stud (6) Ost MSC Ost	PT P	Niederösterreich Steiermark Steiermark Steiermark Steiermark Salzburg Sonstiges Oberösterreich Niederösterreich Niederösterreich Salzburg Wien Vorarlberg Sonstiges Tirol Wien Salzburg Wien Vorarlberg Sonstiges Wien Vorarlberg Sonstiges Wien Vorarlberg Sonstiges Wien Vorarlberg Niederösterreich Sonstiges Wien Niederösterreich Sonstiges Salzburg Wien Wien Tirol Oberösterreich Salzburg Oberösterreich Salzburg Oberösterreich	NO   NO   NO   NO   NO   NO   NO   NO	yes	No   No   No   No   No   No   No   No	both both both both both both both both	Ost/former Ost/ormer Ost/former	No	sometimes sometimes sometimes sometimes sometimes sorten often sometimes often often sometimes sometimes sometimes sometimes sometimes sometimes sometimes sometimes often rarely sometimes sometimes sometimes often sometimes sometimes	never often rarely sometimes sometimes sometimes rarely often often often often often often often rarely never rarely often sometimes	very often very often very often very often very often very often sometimes often rarely rarely rarely rarely rarely rarely rarely often	sometimes sometimes sometimes rarely never sometimes often never sometimes rarely often rarely never sometimes	never  never  never  never  never  never  never  never  sometimes  never  rarely  never  never  rarely  never	never  sometimes sometimes rarely rarely often  never sometimes  rarely rarely sometimes sometimes sometimes sometimes sometimes very often
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ID	c_s_gyn	c_s_GP	all_no_c	secur	exch	feedb	diff_dia	issue	succ	probl	I_via_p	C_via_p	cont	intens	no_int
	very often often	very often sometimes	very often never	very often never	very often often	very often often	very often sometimes	very often often	very often sometimes	very often sometimes	very often often	very often sometimes	sometimes	sometimes never	sometimes never
3															
5	sometimes	sometimes	sometimes	sometimes	rarely	rarely	often	rarely	rarely	rarely	rarely	sometimes	never	sometimes	rarely
6		sometimes	often	sometimes	rarely	never	never	never	never	often	sometimes	sometimes	rarely	rarely	rarely
7	rarely	often very often	very often often	often very often	rarely rarely	rarely rarely	sometimes never	rarely often	never	sometimes sometimes	rarely rarely	rarely sometimes	never	rarely rarely	never rarely
9	i di Oi y	very often	sometimes	often	often	often	sometimes	sometimes	often	often	often	rarely	rarely	rarely	rarely
10	very often	very often	often	often	sometimes	sometimes	sometimes	sometimes	sometimes	sometimes	often	sometimes	rarely	sometimes	rarely
12	very orten	often	sometimes	very often	very often	very often	often	often	never	sometimes	often	never	rarely	rarely	never
13	rarely	very often sometimes	sometimes often	sometimes		sometimes		sometimes				sometimes sometimes		rarely sometimes	never rarely
15		sometimes	sometimes	Someumes	often	often	often		often			someumes	rarely	sometimes	never
	often	very often	often	often	sometimes	sometimes	never	sometimes	rarely	sometimes	sometimes	rarely	rarely	never	rarely
	sometimes often	very often	often often	very often	often sometimes	sometimes often	very often often	often often	sometimes often	sometimes often	rarely sometimes	rarely sometimes	rarely rarely	sometimes rarely	rarely never
19			-6	an and a	-4	-tr			-6		-6	anal.			anali.
21	never	sometimes	often	rarely	often	often	sometimes	sometimes	often	sometimes	often	rarely	rarely	sometimes	rarely
22				anali.	-4									-arel	
23	sometimes	sometimes sometimes	sometimes sometimes	never	often rarely	sometimes rarely	sometimes sometimes	sometimes never	rarely never	sometimes never	sometimes rarely	sometimes never	rarely never	rarely rarely	never sometimes
_	rarely	rarely	rarely		rarely	sometimes	sometimes	rarely	t	sometimes		sometimes	rarely	sometimes	rarely
26	often	very often sometimes	sometimes often	very often often	sometimes sometimes	sometimes sometimes	sometimes sometimes	rarely sometimes	rarely sometimes	often sometimes	sometimes never	rarely never	rarely sometimes	rarely rarely	rarely never
	rarely	often	sometimes	very often	often	often	often	often	sometimes	often	sometimes	often	rarely	sometimes	rarely
29 30		often	sometimes	often	sometimes	sometimes	sometimes	never	sometimes	sometimes	sometimes	never	rarely	rarely	rarely
32	sometimes	often	sometimes	rarely	often	often	often	often	often	often	sometimes	rarely	sometimes	never	never
	sometimes rarely	often often	sometimes	sometimes often	sometimes often	often sometimes	sometimes sometimes	sometimes often	never	sometimes often	sometimes sometimes	very often rarely	rarely rarely	sometimes rarely	rarely never
35	.,	sometimes	rarely	sometimes	rarely	sometimes	sometimes	sometimes	sometimes	sometimes	rarely	rarely	rarely	rarely	rarely
36	sometimes	sometimes very often	very often rarely	very often sometimes	never often	never very often	sometimes sometimes	never very often	rarely rarely	rarely often	never sometimes	never rarely	never sometimes	never	rarely rarely
38	very often	very often	rarely	very often	often	often	often	often	very often	very often	sometimes	sometimes	rarely	sometimes	never
	very often often	sometimes very often	often rarely	very often never	sometimes often	sometimes very often	often often	rarely sometimes	rarely very often	often very often	rarely often	sometimes rarely	rarely rarely	sometimes sometimes	rarely never
41	sometimes	very often	sometimes	rarely	never	never	rarely	never	rarely	sometimes	very often	very often	rarely	never	rarely
42	often	sometimes very often	sometimes often	very often very often	rarely often	sometimes often	rarely often	rarely sometimes	sometimes rarely	sometimes sometimes	rarely rarely	rarely very often	rarely rarely	rarely rarely	rarely never
44	orteri			very oiteri	oiten	orteri		sometimes		sometimes	laicly	very often	raiely	laiely	ilevei
	sometimes sometimes	very often sometimes	often often	sometimes often	rarely rarely	sometimes rarely	sometimes never	rarely never	sometimes never	sometimes sometimes	sometimes sometimes	sometimes never	rarely rarely	rarely sometimes	rarely rarely
	never	sometimes	rarely	often	sometimes	sometimes	sometimes	sometimes	rarely	sometimes	sometimes	never	rarely	never	rarely
48	sometimes	sometimes very often	rarely rarely	very often	rarely sometimes	rarely	sometimes often	rarely often	never often	sometimes	never	rarely rarely	rarely rarely	sometimes sometimes	rarely never
50	someumes	very often	rarely	very often	sometimes	very often	orten	oiten	oiten	very often	very often	rarely	rarely	sometimes	never
51															
	very often	very often	very often	very often	rarely	rarely	sometimes	rarely	rarely	often	rarely	sometimes	rarely	rarely	rarely
52	sometimes never	very often very often rarely	very often sometimes rarely	often	rarely rarely never	rarely very often rarely	sometimes	rarely never never	rarely	sometimes			rarely rarely never	rarely sometimes sometimes	never
52 53 54	sometimes never	very often rarely	sometimes rarely	often rarely	rarely never	very often rarely	sometimes rarely	never never	rarely never	sometimes rarely	rarely	never	rarely never	sometimes sometimes	never sometimes
52 53 54	sometimes	very often rarely very often	sometimes rarely rarely	often	rarely never rarely	very often rarely sometimes	sometimes rarely often	never never very often	rarely never sometimes	sometimes rarely often	rarely	never sometimes	rarely never sometimes	sometimes sometimes rarely	never sometimes rarely
52 53 54 55 56 57	sometimes never rarely	very often rarely very often sometimes	sometimes rarely rarely rarely	often rarely often	rarely never rarely sometimes	very often rarely sometimes rarely	sometimes rarely often sometimes	never never very often rarely	rarely never sometimes never	sometimes rarely often sometimes	rarely often never very often	never sometimes never	rarely never sometimes rarely	sometimes sometimes rarely rarely	never sometimes rarely rarely
52 53 54 55 56 57	sometimes never	very often rarely very often	sometimes rarely rarely	often rarely	rarely never rarely sometimes sometimes	very often rarely sometimes rarely sometimes	sometimes rarely often sometimes sometimes	never never very often rarely	rarely never sometimes	sometimes rarely often sometimes often	rarely often never	never sometimes	rarely never sometimes rarely rarely	sometimes sometimes rarely rarely rarely	never sometimes rarely rarely
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19														no	no	no	no	no
20	rarely	sometimes	sometimes	sometimes	yes	yes	yes	yes	yes	yes	no	yes	no	yes	yes	no	no	ye:
21														yes	no	no	no	no
22														no	no	no	no	no
23	rarely	sometimes		sometimes			yes	no	yes	yes	yes	yes	yes	yes	no	no	no	ye:
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25	rarely	yes	sometimes	sometimes	sometimes		yes	yes	yes	yes	no		no	no	no	no	no	no
26	rarely	yes	no	sometimes	sometimes	yes	yes	no	yes	no	no	yes	yes	yes	no	no	no	yes
27	never	sometimes	sometimes	yes	sometimes	no	no	no	yes	yes	no	yes	no	yes	yes	no	no	ye:
28		sometimes	sometimes	yes	yes	yes	yes	no	yes	yes	no	yes	no	yes	no	no	no	yes
29														yes	yes	no	no	ye:
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32		yes	yes	yes	yes	no	no	no	no	yes	yes	no	yes	yes	no	no	no	ye:
33		yes	yes	yes	sometimes	yes	no	yes	no	yes	no	yes	yes	yes	no	yes	yes	ye:
34		sometimes	yes	sometimes	yes	<u> </u>	yes	no	yes	yes	no	no	<u> </u>	yes	no	no	yes	ye
35		sometimes	sometimes	sometimes	sometimes	yes	yes	no	yes	yes	no	yes	yes	yes	no	no	no	ye
36		yes	yes	sometimes	yes	yes	yes	no	yes	yes	no	no	no	yes	no	no	no	ye
37		yes	yes	yes	sometimes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	no	yes	ye:
38		yes	yes	yes	yes	no	yes	no	yes	yes	yes	no	no	yes	no	no	no	ye:
39		sometimes	sometimes	yes	sometimes	yes	no	no	no	yes	yes	yes	yes	no	no	no	no	no
40		yes	yes	yes	yes	no	yes	yes	no	yes	no	no	no	yes	no	no	no	ye:
41	never	sometimes	sometimes	sometimes	no	no	no	no	no	no	yes	yes	no	yes	no	yes	no	yes
42	never	sometimes	sometimes	yes	sometimes	yes	no	yes	yes	yes	no	yes	no	yes	yes	yes	no	no
43	never	sometimes	sometimes	sometimes	no	yes	no	no	yes	yes	yes	yes	yes	yes	yes	yes	no	yes
44														no	no	no	no	no
45		sometimes	sometimes	sometimes	sometimes	no	yes	yes	yes	yes	no	no	no	no	no	yes	yes	yes
46		sometimes	sometimes	sometimes	sometimes	yes	no	no	yes	yes	yes	yes	no	yes	no	no	no	yes
47	rarely	sometimes	sometimes	sometimes	sometimes	yes	yes	yes	yes	yes	no	yes		yes	no	yes	no	yes
48		sometimes	yes	sometimes	yes	yes	yes	yes	no	yes	no	no	yes	yes	no	no	no	yes
49	rarely	sometimes	sometimes	yes	yes	yes	no	no	yes	yes	no	yes	yes	yes	no	yes	no	yes
50	annah.													yes	no	no	no	yes
51	rarely	yes	sometimes	sometimes	sometimes	yes			yes	yes	no			yes	no	no	no	yes
52						yes	-				yes			yes	no	no	no	yes
53	never	no	no	no	no	yes	yes	no	no	yes	no	no	no	no	no	no	no	no
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63	never	sometimes sometimes	sometimes sometimes	sometimes		yes	yes	no	yes	yes yes	no	no	yes	yes yes	yes yes	yes no	yes no	yes
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63 64 65 66 67 68 69 70 71 72	sometimes never rarely sometimes	sometimes sometimes sometimes yes yes yes yes sometimes sometimes	sometimes sometimes sometimes sometimes yes yes yes yes yes	yes yes sometimes yes yes sometimes yes	sometimes yes no no sometimes sometimes sometimes	yes no yes no no yes	no yes yes yes	no no no yes	yes yes no yes yes yes yes yes	yes yes yes yes yes yes no yes	no yes no yes yes no no	no yes yes yes	yes yes no yes yes yes no	yes yes yes no yes no no yes yes yes yes yes yes	yes yes no no no no no no yes no	yes no no no yes no no no yes no yes	yes no	yes yes no yes no yes yes yes
63 64 65 66 67 68 69 70 71 72 73	sometimes never rarely sometimes rarely	sometimes sometimes sometimes yes yes yes sometimes sometimes yes	sometimes sometimes sometimes sometimes yes yes yes yes yes yes	yes yes sometimes yes yes yes sometimes yes yes	sometimes yes  no no sometimes sometimes sometimes sometimes sometimes	yes no yes no no yes yes yes	no yes yes yes yes	no no no yes no yes	yes yes no yes yes yes yes yes yes yes	yes yes yes yes yes yes no yes yes	no yes no yes yes no no no	no yes yes yes	yes yes no yes yes yes no yes yes	yes yes yes no yes no no yes yes yes yes yes yes yes	yes yes no	yes no no no yes no no no yes no no no no no no no no yes	yes no	yes yes no yes no no yes yes yes yes yes
63 64 65 66 67 68 69 70 71 72 73 74	sometimes never rarely sometimes rarely rarely	sometimes sometimes yes yes yes sometimes yes sometimes yes sometimes	sometimes sometimes sometimes sometimes yes yes yes yes yes yes sometimes	sometimes no yes yes yes sometimes yes yes sometimes yes sometimes	no no sometimes sometimes sometimes sometimes sometimes sometimes sometimes	yes no yes no no yes yes yes yes	yes no yes yes yes no yes	no no no yes no yes no yes	yes yes no yes yes yes yes yes yes yes yes	yes yes yes yes yes no yes yes yes	no yes no yes yes no no no	yes no yes yes yes yes	yes yes no yes yes yes no yes yes yes no yes	yes yes yes no yes no yes yes yes yes yes yes yes yes yes	yes yes no yes no no yes	yes no no no yes no yes no no no yes no no no yes	yes no	yes yes yes no no no yes yes yes yes yes yes yes yes yes
63 64 65 66 67 68 69 70 71 72 73 74	sometimes never rarely sometimes rarely rarely	sometimes sometimes sometimes yes yes yes sometimes sometimes yes sometimes yes sometimes yes	sometimes sometimes sometimes sometimes yes yes yes yes yes sometimes	sometimes no yes yes yes sometimes yes yes sometimes yes sometimes yes	no no sometimes sometimes sometimes sometimes sometimes sometimes sometimes sometimes	yes no yes no no yes yes yes yes yes	yes no yes yes yes no yes yes	no no no yes no yes no yes	yes	yes yes yes yes yes no yes yes yes yes yes yes	no yes no yes yes no no no no	yes no yes yes yes yes yes	yes yes no yes yes yes no yes yes yes yes yes yes	yes yes yes no yes no no yes	yes yes no no no no no no yes no no no yes no no no	yes no no no yes no no no no no no no yes no no no yes yes yes	yes no yes no no yes no no no	yes yes no yes no no yes yes yes yes yes yes yes
63 64 65 66 67 68 69 70 71 72 73 74 75 76	sometimes never rarely sometimes rarely rarely sometimes	sometimes sometimes sometimes yes yes yes sometimes sometimes yes sometimes yes yes yes yes yes yes	sometimes sometimes sometimes sometimes yes yes yes yes yes sometimes yes yes yes yes yes yes yes yes yes y	sometimes no yes yes yes sometimes yes yes sometimes yes yes sometimes yes yes yes yes	no no sometimes sometimes sometimes sometimes sometimes sometimes sometimes	yes no yes no no yes yes yes yes yes yes	yes no yes yes yes no yes yes	no no no yes no yes no yes yes	yes	yes yes yes yes yes yes no yes yes yes yes yes yes yes	no yes no yes yes no no no no	yes no yes yes yes yes yes	yes	yes yes yes no yes no no yes	yes yes no no no no no no yes no no yes no yes no yes no yes	yes no no no yes no no no no no no yes no no no yes no	yes no yes no no yes no no no yes no no no	yes yes yes no no yes
63 64 65 66 67 68 69 70 71 72 73 74 75 76 77	sometimes never rarely sometimes rarely sometimes rarely sometimes	sometimes sometimes sometimes yes yes sometimes sometimes yes sometimes yes sometimes yes sometimes yes yes yes	sometimes sometimes sometimes sometimes yes yes yes yes sometimes yes sometimes yes sometimes yes	sometimes no yes yes yes sometimes yes yes sometimes yes sometimes yes sometimes yes	no no sometimes sometimes sometimes sometimes sometimes sometimes sometimes yes yes	yes no no no yes yes yes yes yes yes yes yes	yes no yes yes yes no yes yes yes yes yes yes	no no no yes no yes no yes no yes no no no	yes yes no yes yes yes yes yes yes yes no no	yes yes yes yes yes no yes	no yes no	yes yes yes yes yes yes yes	yes yes yes yes yes yes yes yes no yes yes yes yes yes yes yes	yes yes no yes no no yes	yes yes no no no no no no no no no yes no no yes no yes no yes no yes no	yes no no no yes no no no yes no no yes no no yes no no no yes yes no no	yes no yes no	yes yes yes no yes no no yes
63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 80	sometimes never rarely sometimes rarely rarely sometimes rarely never	sometimes sometimes sometimes yes yes sometimes sometimes yes sometimes yes sometimes yes yes yes yes yes yes yes yes yes y	sometimes sometimes sometimes sometimes yes yes yes yes yes yes sometimes yes yes yes yes yes yes yes	sometimes no yes yes yes sometimes yes sometimes yes yes sometimes yes yes yes sometimes yes yes	no no sometimes sometimes sometimes sometimes sometimes sometimes sometimes yes yes yes	yes no no no yes yes yes yes yes yes yes yes yes	yes no yes yes yes no yes yes yes yes yes yes yes	no no no yes no yes no yes no yes no no no no	yes yes no yes yes yes yes yes yes yes no no	yes yes yes yes no yes	no yes no yes yes no yes	yes no yes yes yes yes yes yes yes	yes yes yes yes yes yes yes yes yes no yes yes yes yes yes yes yes	yes yes no yes no no yes	yes yes no yes no no yes no	yes no no no yes no no no yes no no yes no no yes no no no no yes yes no no no	yes no yes no no yes no no no no no yes no no no no no no no no no	yes yes no yes no no yes
63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 80 81	sometimes never rarely sometimes rarely sometimes rarely rarely never never sometimes	sometimes sometimes sometimes yes yes yes sometimes sometimes yes yes sometimes yes sometimes yes yes yes yes yes yes yes yes yes y	sometimes sometimes sometimes ves yes yes yes yes yes sometimes yes sometimes yes sometimes yes sometimes yes	yes	no no sometimes sometimes sometimes sometimes sometimes sometimes yes yes yes no	yes no no no yes	yes no yes yes yes no yes	no no no no yes no yes no yes no no no no no no yes	yes yes no yes	yes	no yes no yes yes no	yes no yes yes yes yes yes yes yes no	yes yes no yes	yes yes no yes no no yes	yes yes no no no no no no no no yes no no yes no yes no yes no yes	yes no no no yes no no no yes no no no yes no no yes no no no no no no yes yes no no no no no no no no	yes no	yes yes no yes no no no yes yes yes yes yes yes yes yes yes yes
63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 80 81 82	sometimes never rarely sometimes rarely sometimes rarely never never sometimes rarely never never sometimes	sometimes sometimes sometimes sometimes yes yes sometimes sometimes sometimes sometimes yes sometimes yes yes sometimes yes yes sometimes sometimes sometimes sometimes sometimes	sometimes sometimes sometimes sometimes yes yes yes yes sometimes yes sometimes yes sometimes yes sometimes yes sometimes yes	yes yes yes yes yes yes yes yes sometimes yes yes sometimes yes yes yes no	no no sometimes sometimes sometimes sometimes sometimes sometimes yes yes yes no sometimes sometimes sometimes	yes no yes no no yes yes yes yes yes yes yes yes yes no	yes no yes yes yes no yes	no no no no yes no yes no yes no	yes yes no yes yes yes yes yes yes no no yes yes yes yes yes your yes your yes yes	yes	no yes no yes yes no no no no no no no no yes yes no no yes	yes no yes yes yes yes yes yes yes no yes	yes	yes yes yes no yes no no no yes	yes yes no no no no no no no no no yes no no yes no yes no yes no no no	yes no no no no yes no no no yes no	yes no	yes yes no no no yes
63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 80 81 82 83	sometimes never rarely sometimes rarely rarely sometimes rarely never sometimes rarely never sometimes rarely	sometimes sometimes sometimes yes yes sometimes sometimes sometimes sometimes yes sometimes yes yes yes sometimes yes sometimes yes sometimes yes sometimes yes sometimes yes sometimes yes	sometimes sometimes sometimes sometimes yes yes yes yes sometimes yes sometimes yes sometimes sometimes sometimes sometimes	yes	no no sometimes sometimes sometimes sometimes sometimes sometimes yes yes no sometimes	yes no yes no no yes	yes no yes	no no no no yes no yes no yes no	yes yes no yes	yes	no yes no yes yes no no no no no no no no yes yes no no yes	yes no yes yes yes yes yes yes yes no yes no	yes yes no yes	yes yes no yes no yes no yes	yes yes no no no no no no no yes no no yes no yes no yes no no yes no no no no no no no no no no no no no	yes no	yes no	yes yes no no no yes
63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 80 81 82 83 84	sometimes never rarely sometimes rarely sometimes rarely never never sometimes rarely never sometimes rarely never sometimes	sometimes sometimes sometimes yes yes yes sometimes sometimes sometimes sometimes yes sometimes yes yes yes sometimes yes sometimes yes sometimes sometimes sometimes sometimes sometimes sometimes yes sometimes yes sometimes	sometimes sometimes sometimes ves yes yes yes yes yes sometimes yes sometimes yes sometimes sometimes sometimes sometimes sometimes	yes yes yes yes yes yes yes sometimes yes yes sometimes yes yes sometimes yes sometimes yes sometimes yes sometimes yes	no no sometimes sometimes sometimes sometimes sometimes sometimes yes yes yes no sometimes sometimes sometimes	yes no no yes no no yes	yes no yes	no no yes no no yes no	yes	yes	no yes no	yes yes yes yes yes yes yes yes no yes no yes	yes yes no yes no yes no yes no	yes yes yes no no yes	yes yes no yes no yes no yes no yes no no yes no yes no yes no yes no yes	yes no no no yes no no no yes no no no yes no no no no no no yes no	yes no	yes yes no yes no no yes
63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 80 81 82 83 84 85	sometimes never rarely sometimes rarely sometimes rarely never never sometimes rarely never sometimes rarely never sometimes	sometimes sometimes sometimes yes yes sometimes sometimes yes sometimes yes sometimes yes sometimes yes sometimes yes sometimes sometimes sometimes sometimes sometimes yes sometimes yes sometimes yes sometimes yes sometimes	sometimes sometimes sometimes ves yes yes yes yes yes sometimes yes sometimes sometimes yes sometimes yes sometimes sometimes sometimes sometimes sometimes sometimes sometimes sometimes sometimes	yes yes yes yes yes yes sometimes yes yes sometimes yes yes sometimes yes yes sometimes yes yes yes yes yes yes yes yes yes y	no no sometimes sometimes sometimes sometimes sometimes sometimes yes yes no sometimes	yes no no yes no no yes yes yes yes yes yes yes no yes no	yes no yes yes yes no yes	no no yes no	yes yes no yes	yes	yes no yes yes no	yes yes yes yes yes yes yes no yes no yes no yes	yes yes no yes	yes yes yes yes no no yes	yes yes no	yes no no no yes no no no yes yes no no no yes yes no no no yes yes no no no no no no no no no yes	yes no	yes yes no yes no no yes
63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 80 81 82 83 84 85 86	sometimes never rarely sometimes rarely sometimes rarely never never sometimes rarely never sometimes rarely never sometimes	sometimes sometimes sometimes sometimes yes yes sometimes sometimes yes sometimes yes sometimes yes sometimes yes yes sometimes yes sometimes yes sometimes yes sometimes yes sometimes yes sometimes yes	sometimes sometimes sometimes yes yes yes yes sometimes yes sometimes yes sometimes yes sometimes sometimes sometimes sometimes sometimes yes	yes yes yes yes yes yes sometimes yes yes sometimes yes yes sometimes yes yes sometimes yes yes yes yes yes yes yes yes yes y	no no sometimes sometimes sometimes sometimes sometimes sometimes yes yes no sometimes	yes no no yes no no yes yes yes yes yes yes yes no yes no	yes no yes yes yes no yes	no no yes no	yes yes no yes	yes	yes no yes yes no	yes yes yes yes yes yes yes no yes no yes no yes	yes yes no yes	yes yes yes no no yes	yes yes no	yes no no no yes yes no no no yes yes no no no no yes yes no no no no yes yes no	yes no	yes yes no yes no no yes
63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 80 81 82 83 84 85 86 87	sometimes never rarely sometimes rarely rarely sometimes rarely never sometimes rarely never sometimes rarely never sometimes	sometimes sometimes sometimes yes yes sometimes sometimes yes sometimes yes sometimes yes sometimes yes sometimes yes sometimes sometimes sometimes sometimes sometimes yes sometimes yes sometimes yes sometimes yes sometimes	sometimes sometimes sometimes ves yes yes yes yes yes sometimes yes sometimes sometimes yes sometimes yes sometimes sometimes sometimes sometimes sometimes sometimes sometimes sometimes sometimes	yes	no no sometimes sometimes sometimes sometimes sometimes sometimes yes yes yes yes sometimes sometimes sometimes sometimes sometimes sometimes sometimes sometimes sometimes	yes no no yes no no yes yes yes yes yes yes yes yes yes no yes no yes	yes no yes	no no yes no yes no	yes	yes	no yes yes no	yes yes yes yes yes yes yes no yes no yes no yes	yes yes no	yes yes no yes no yes no yes	yes yes no no no no no no no no yes no yes no no yes no no yes no no yes no no no no no yes no no no no no no yes no no no no yes no	yes no no no yes no no no yes yes no no no yes yes no no no yes yes no	yes no	yes yes yes yes yes yes yes yes yes yes
63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 80 81 82 83 84 85 86	sometimes never rarely sometimes rarely rarely sometimes rarely never sometimes rarely never sometimes rarely never sometimes	sometimes sometimes sometimes yes yes yes sometimes sometimes sometimes yes sometimes yes sometimes yes yes yes yes yes sometimes yes sometimes sometimes yes sometimes yes sometimes	sometimes sometimes sometimes yes yes yes yes yes sometimes yes sometimes yes sometimes	yes yes yes yes yes yes yes sometimes yes yes yes sometimes yes yes sometimes yes yes sometimes yes sometimes yes sometimes sometimes	no no sometimes sometimes sometimes sometimes sometimes sometimes yes yes yes no sometimes	yes no yes no no yes yes yes yes yes yes no yes yes no yes yes yes yes yes yes yes yes	yes no yes	yes no yes no no yes no	yes	yes yes yes yes yes no yes	yes yes no yes yes no yes no no yes no no yes no	yes	yes yes no yes no yes no yes no	yes yes yes no no yes	yes yes no no no no no no no no no yes no yes no no yes	yes no no no yes no no no yes no no no no yes no	yes no	ye y
63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 80 81 82 83 84 85 86 87	sometimes never rarely sometimes rarely sometimes rarely never never sometimes rarely never sometimes rarely never sometimes rarely never sometimes	sometimes sometimes sometimes yes yes yes sometimes sometimes sometimes yes sometimes yes sometimes yes yes yes yes yes sometimes yes sometimes sometimes yes sometimes yes sometimes	sometimes sometimes sometimes yes yes yes yes yes sometimes yes sometimes yes sometimes	yes yes yes yes yes yes yes sometimes yes yes yes sometimes yes yes sometimes yes yes sometimes yes sometimes yes sometimes sometimes	no no sometimes sometimes sometimes sometimes sometimes sometimes yes yes yes no sometimes	yes no yes no no yes yes yes yes yes yes no yes yes no yes yes yes yes yes yes yes yes	yes no yes	yes no yes no no yes no	yes	yes yes yes yes yes no yes	yes yes no yes yes no yes no no yes no no yes no	yes	yes yes no yes no yes no yes no	yes yes no yes no no yes	yes yes no	yes no no no no yes no no no yes no no no yes no no no yes yes no no no yes no no no yes no no no no yes no no no no no yes no	yes no	yes yes no no yes yes yes yes yes yes yes yes yes yes
63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 80 81 82 83 84 85 86 87 88	sometimes never rarely sometimes rarely rarely rarely never never sometimes rarely never sometimes rarely never sometimes rarely never	sometimes sometimes sometimes sometimes yes yes sometimes sometimes sometimes yes sometimes yes yes yes yes yes sometimes yes sometimes yes sometimes yes sometimes sometimes yes	sometimes sometimes sometimes ves yes yes yes yes yes sometimes yes sometimes yes sometimes yes sometimes yes sometimes	yes	no no sometimes sometimes sometimes sometimes sometimes sometimes yes yes yes yes sometimes	yes no yes no no yes	yes no yes yes no yes yes yes yes yes yes yes yes yes no no no	no no no yes no yes no	yes	yes yes yes yes no yes no yes	no yes yes no no no no no no yes no no yes yes no no no no no no yes no yes no yes yes yes yes yes yes yes yes yes	yes	yes yes yes no yes yes no yes yes yes no yes yes yes yes no yes yes no yes no yes no yes no	yes yes no yes no yes no yes	yes yes no yes no yes no no yes no yes no no yes no no yes no no yes no no no yes no no no yes no no yes no no yes no no no yes	yes no no no yes no no yes no no yes no no yes yes no no no yes yes no	yes no	yeyeyeyeyeyeyenooye
63 64 65 66 67 70 71 72 73 74 75 76 77 78 80 81 82 83 84 85 86 87 88 88	sometimes never rarely sometimes rarely rarely rarely never never sometimes rarely never sometimes rarely never sometimes rarely never	sometimes sometimes sometimes sometimes yes yes sometimes sometimes yes sometimes yes sometimes yes yes sometimes	sometimes sometimes sometimes sometimes yes yes yes yes yes yes sometimes yes sometimes yes sometimes sometimes sometimes sometimes sometimes sometimes sometimes sometimes	yes yes yes yes yes yes yes sometimes yes yes sometimes yes yes sometimes yes sometimes yes sometimes yes sometimes yes sometimes yes sometimes sometimes yes sometimes yes sometimes sometimes	no no sometimes sometimes sometimes sometimes sometimes sometimes yes yes yes no sometimes	yes no yes no yes yes yes yes yes yes no yes	yes no yes yes yes no yes	no no no yes no yes no	yes	yes yes yes yes yes yes no yes	yes yes no yes no no yes no no no yes no	yes no yes yes yes yes yes yes yes yes no yes no yes no yes yes	yes yes no yes yes no yes	yes yes no yes no yes no yes	yes yes no no no no no no no no no yes no yes no no yes	yes no no no yes no no no yes no no no yes no	yes no	yeyeyeyeyeyenoo
63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 80 81 82 83 84 85 86 87 89 90	sometimes never rarely sometimes rarely sometimes rarely never never sometimes rarely never never sometimes rarely never sometimes rarely never never sometimes	sometimes sometimes sometimes sometimes yes yes sometimes sometimes yes sometimes yes sometimes yes yes sometimes	sometimes sometimes sometimes sometimes yes yes yes yes yes yes sometimes yes sometimes yes sometimes sometimes sometimes sometimes sometimes sometimes sometimes sometimes	yes yes yes yes yes yes yes sometimes yes yes sometimes yes yes sometimes yes sometimes yes sometimes yes sometimes yes sometimes yes sometimes sometimes yes sometimes yes sometimes sometimes	no no sometimes sometimes sometimes sometimes sometimes sometimes yes yes yes no sometimes	yes no yes no yes yes yes yes yes yes yes no yes	yes no yes yes yes no yes	no no no yes no yes no	yes	yes yes yes yes yes yes no yes	yes yes no yes no no yes no no no yes no	yes no yes yes yes yes yes yes yes yes no yes no yes no yes yes	yes yes no yes yes no yes	yes yes no yes no yes no yes	yes yes no	yes no no no yes no	yes no	ye y
63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 80 81 82 83 84 85 86 87 90 91	sometimes never rarely sometimes rarely sometimes rarely never never sometimes rarely never sometimes	sometimes sometimes sometimes sometimes yes yes sometimes sometimes yes sometimes sometimes sometimes sometimes sometimes sometimes sometimes sometimes sometimes	sometimes sometimes sometimes sometimes yes yes yes yes yes sometimes yes sometimes yes sometimes yes sometimes	yes	no no sometimes sometimes sometimes sometimes sometimes sometimes yes yes no sometimes	yes no yes no yes yes yes yes yes yes yes no yes	yes no yes yes yes no yes	no no no yes no yes no	yes	yes yes yes yes yes yes no yes	yes yes no yes no no yes no no no yes no	yes yes yes yes yes yes yes yes yes no yes no yes no yes yes yes yes	yes yes yes no yes yes no yes yes yes yes yes no yes yes no yes no yes no yes no yes yes no yes yes no yes	yes yes no yes no yes no no no yes	yes yes no yes no yes no no no yes	yes no no no yes no no no yes no	yes no	ye y
63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 80 81 82 83 84 85 86 87 99 90 91 92 93	sometimes never rarely sometimes rarely sometimes rarely never never sometimes rarely never sometimes	sometimes sometimes sometimes yes yes yes sometimes sometimes yes sometimes yes sometimes yes sometimes yes yes yes yes sometimes	sometimes sometimes sometimes sometimes yes yes yes yes yes yes yes sometimes yes sometimes sometimes sometimes sometimes sometimes sometimes sometimes sometimes yes sometimes sometimes yes sometimes yes sometimes yes sometimes yes sometimes yes sometimes	yes yes yes sometimes	no no sometimes sometimes sometimes sometimes sometimes sometimes yes yes yes no sometimes	yes no yes no no yes	yes no yes	no no no yes no	yes	yes yes yes yes yes no yes	yes yes no yes no no no yes no no no no yes no	yes yes yes yes yes yes yes yes yes no yes no yes no yes yes yes yes	yes yes no yes no yes yes no yes yes no yes yes no yes yes yes yes yes yes yes yes	yes yes no yes yes no no yes	yes yes no	yes no no no yes no	yes no	ye ye no ye
63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 80 81 82 83 84 85 86 87 99 90 91 92 93	sometimes never sometimes rarely sometimes rarely sometimes rarely never never sometimes rarely never never sometimes rarely never sometimes rarely never never	sometimes sometimes sometimes yes yes yes sometimes sometimes yes sometimes yes sometimes yes sometimes yes sometimes yes yes yes sometimes	sometimes sometimes sometimes sometimes yes yes yes yes sometimes yes sometimes	yes	sometimes yes  no sometimes sometimes sometimes sometimes sometimes yes yes no sometimes	yes no yes no no no yes	yes	no no no yes no	yes	yes yes yes yes yes yes no yes	yes yes yes no yes yes no yes no yes no yes no yes no yes yes	yes no yes yes yes yes yes yes yes yes no yes yes no yes	yes yes yes no yes yes yes no yes yes yes yes yes no yes no yes no yes no yes no yes yes yes yes yes	yes yes no yes no no no no no yes yes yes yes yes yes yes no yes yes no yes yes no yes no no no	yes yes no no no no no no no no no yes no yes no no no yes no no no yes no no no yes	yes no	yes no	ye ye no ye
63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 80 81 82 83 84 85 86 87 88 89 99 90 91 92 93 94	sometimes never rarely sometimes rarely sometimes rarely never never sometimes rarely never	sometimes sometimes sometimes yes yes yes sometimes sometimes yes sometimes yes yes sometimes yes yes sometimes	sometimes sometimes sometimes ves yes yes yes yes sometimes sometimes yes sometimes yes sometimes	yes	sometimes yes no no sometimes sometimes sometimes sometimes sometimes yes yes no sometimes yes no sometimes yes	yes no no yes no no yes	yes no yes yes no yes	no n	yes yes yes yes yes yes yes yes yes no no yes	yes yes yes yes yes no yes no yes	yes yes yes no yes yes no yes no yes no yes no yes no yes yes	yes no yes yes yes yes yes no yes no yes no yes yes yes yes yes yes yes yes	yes	yes yes no yes no no no no yes	yes yes no yes no no no yes no no no yes no no no yes no	yes no yes yes no no no no yes yes no	yes no	ye ye no no ye
63 64 65 66 67 70 71 72 73 74 75 76 77 78 80 81 82 83 84 85 86 87 99 90 91 92 93 94	sometimes never sometimes rarely rarely sometimes rarely rarely sometimes rarely never never sometimes rarely never sometimes rarely never sometimes rarely never sometimes rarely never rarely never	sometimes sometimes sometimes yes yes yes yes sometimes sometimes yes sometimes yes sometimes yes yes yes sometimes	sometimes sometimes sometimes sometimes yes yes yes yes yes sometimes yes sometimes sometimes sometimes sometimes sometimes sometimes sometimes yes sometimes sometimes yes sometimes sometimes sometimes sometimes sometimes sometimes sometimes sometimes	yes	sometimes yes  no sometimes sometimes sometimes sometimes sometimes yes yes no sometimes yes no sometimes yes	yes no yes no yes yes yes yes yes yes yes no yes yes no yes yes no yes no yes no yes no yes no	yes no yes	no n	yes	yes yes yes yes yes yes yes no yes	yes yes no yes yes no	yes no yes yes yes yes yes yes no yes yes no yes yes yes yes yes yes yes yes yes	yes yes yes no yes yes yes no yes yes yes yes no yes no yes no yes no yes no yes yes yes yes yes yes yes yes yes	yes yes no yes no yes	yes yes yes no no no no no no no no no yes no no no yes no no no yes no no no no yes no	yes no	yes no	yes
63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 80 81 82 83 84 85 86 87 99 91 92 93 94 95 96	sometimes never sometimes rarely sometimes rarely sometimes rarely never never sometimes rarely never sometimes rarely never sometimes rarely never rarely never sometimes rarely never sometimes	sometimes sometimes sometimes yes yes yes sometimes sometimes yes sometimes yes yes yes yes yes yes yes yes sometimes yes	sometimes sometimes sometimes sometimes yes yes yes yes yes yes sometimes sometimes sometimes sometimes sometimes sometimes yes sometimes yes sometimes yes sometimes yes sometimes sometimes sometimes sometimes sometimes sometimes sometimes sometimes sometimes	yes yes yes yes yes yes yes yes sometimes yes sometimes yes sometimes yes sometimes	no no sometimes sometimes sometimes sometimes sometimes sometimes yes yes yes no sometimes	yes no yes no no yes yes yes yes yes yes yes yes yes no yes no yes no yes no yes yes no yes	yes no yes yes yes no yes	no n	yes	yes yes yes yes yes yes yes no yes	yes yes no yes yes no no no no no no no no yes yes no no no yes no no no yes yes no no no yes yes yes yes	yes no yes yes yes yes yes yes no yes yes no yes yes yes yes yes yes yes yes yes	yes yes yes no yes	yes yes no yes	yes yes yes no yes no no no yes no no yes no no yes no no no no yes no no no no yes no no no no no no no no yes no	yes no	yes no	yes yes yes yes yes yes yes yes yes yes
63 64 65 66 67 70 71 72 73 74 75 75 76 77 78 80 81 82 83 84 85 86 87 99 91 92 93 94 95 96 97	sometimes never rarely sometimes rarely sometimes rarely never never sometimes rarely never never never sometimes sometimes	sometimes sometimes sometimes yes yes yes yes sometimes sometimes yes sometimes yes sometimes yes yes yes sometimes	sometimes sometimes sometimes sometimes yes yes yes yes yes yes sometimes sometimes sometimes sometimes sometimes sometimes yes sometimes yes sometimes yes sometimes yes sometimes	yes	sometimes yes  no sometimes sometimes sometimes sometimes sometimes yes yes no sometimes yes no sometimes yes	yes no yes	yes no yes	yes no	yes	yes yes yes yes yes yes no yes	yes yes no no yes yes no no no no no no no no no yes no no no yes no no no yes yes no	yes no yes yes yes yes yes yes no yes yes no yes yes yes yes no yes yes yes no yes yes no yes yes	yes yes yes no yes yes yes no yes yes yes yes no yes no yes no yes no yes no yes yes yes yes yes yes yes yes yes	yes yes no yes	yes yes no	yes no	yes no	yes yes no no yes
63 64 65 66 67 68 69 70 71 74 75 76 77 78 80 81 82 83 84 85 86 99 90 91 92 93 94 95 99	sometimes never sometimes rarely rarely sometimes rarely rarely never sometimes rarely never sometimes rarely never sometimes rarely never sometimes rarely never rarely never never never never never never never never rarely sometimes	sometimes sometimes sometimes yes yes yes yes sometimes sometimes yes sometimes yes yes yes sometimes yes yes yes sometimes	sometimes sometimes sometimes sometimes yes yes yes yes yes sometimes yes sometimes sometimes sometimes sometimes sometimes sometimes yes sometimes	yes	sometimes yes  no sometimes sometimes sometimes sometimes sometimes yes yes no sometimes yes no sometimes no no sometimes yes	yes no yes	yes  yes  yes  yes  yes  yes  yes  yes	yes no yes no	yes	yes yes yes yes yes yes yes no yes	yes yes no no no no no yes yes no no yes yes no	yes no yes yes yes yes yes yes no yes yes yes yes no yes yes yes no yes yes no yes yes no no no	yes yes yes yes no yes yes yes no yes yes yes yes no yes no yes no yes no yes yes yes yes yes yes no no yes yes no no yes yes	yes yes no yes no no no no yes	yes yes yes no	yes no no no no no no no no yes no no no no yes no no no no no yes yes no	yes no	yes
63 64 65 66 67 68 69 70 71 74 75 76 77 78 80 81 82 83 84 85 86 99 90 91 92 93 94 95 99	sometimes never sometimes rarely rarely sometimes rarely rarely never never sometimes rarely never sometimes rarely never sometimes rarely never sometimes rarely never rarely never never never sometimes never never never never never never rarely sometimes	sometimes sometimes sometimes yes yes yes yes sometimes sometimes yes sometimes yes yes yes yes yes yes sometimes	sometimes sometimes sometimes sometimes yes yes yes yes yes yes sometimes sometimes sometimes sometimes sometimes sometimes yes sometimes yes sometimes yes sometimes yes sometimes	yes yes yes yes yes yes yes yes yes sometimes yes yes yes sometimes yes yes sometimes yes yes sometimes yes yes sometimes yes sometimes yes sometimes yes sometimes sometimes sometimes sometimes sometimes sometimes sometimes sometimes yes sometimes yes sometimes yes sometimes sometimes yes sometimes sometimes yes	no no sometimes sometimes sometimes sometimes sometimes sometimes yes yes yes no sometimes no sometimes yes	yes no yes	yes no yes	yes no	yes	yes yes yes yes yes yes no yes	yes yes no no yes yes no no no no no no no no no yes no no no yes no no no yes yes no	yes no yes yes yes yes yes yes no yes yes no yes yes yes yes no yes yes yes no yes yes no yes yes	yes yes yes no yes yes no yes yes no yes yes yes no yes yes no yes yes no yes yes no yes	yes yes no yes	yes yes no	yes no	yes no	yes yes no yes no no yes yes yes yes

# 9.6 Appendix 6: Anova

Sex N Mean S	Std. Deviation         Std. Error           2.947         0.377           3.069         0.498           2.981         0.300           0.989         0.151           0.838         0.158           0.930         0.110           1.122         0.122           1.152         0.235           1.167         0.153           1.287         0.215           1.236         0.247           1.257         0.161           1.043         0.161           1.231         0.262           1.105         0.138	95% CI Lower Bound 2001,80 2001,33 2001,88 2,39 2,21 2,41 0,73 1,26 1,07 1,56 1,37 1,63	(Mean) Upper Bound 2003,31 2003,35 2003,07 3,00 2,86 2,85 1,51 2,24 1,69	1996 1996 1996 1 1 1	4	ANOVA  Between Groups Within Groups Total Between Groups Within Groups	Sum of Squares 1,085 869,602 870,687 0,445	df 1 97 98	Mean Square 1,085 8,965	F 0,121	Sig. 0,729
male         38         2002.34           Total         99         2002.47           e.s. orth         female         43         2.70           male         28         2.54           Total         71         2.63           e.s. surg         female         34         1,12           male         24         1,75           Total         58         1,38           e.s. cas         female         6         2,00           male         25         1,88           Total         61         1,95           e.s. neur         female         42         1,71           male         21         1,91           formale         32         0,66           male         21         1,14           c.s. rad         female         32         1,14           male         21         1,11           male         21         1,11           c.s. ped         female         38         1,92	3,069 0,498 2,981 0,300 0,989 0,151 0,838 0,158 0,930 0,110 1,122 0,192 1,152 0,235 1,287 0,215 1,236 0,247 1,257 0,161 1,043 0,161 1,231 0,262	2001,80 2001,33 2001,88 2,39 2,21 2,41 0,73 1,26 1,07 1,56 1,37 1,63	2003,31 2003,35 2003,07 3,00 2,86 2,85 1,51 2,24	1996 1996 1	2008 2008 4 4	Within Groups Total Between Group	1,085 869,602 870,687 0,445	97 98	1,085 8,965	0,121	0,729
C. s. orth (emale 3 2,70 male 2 2,70 male 2 3,20 male 2 4,175 male 2 4,175 male 2 5,24 male 2 4,175 male 2 4,175 male 2 5,200 male 2 5,200 male 2 5,200 male 2 1,88 male 2 1,171 male 2 1,1	2.981 0,300 0.989 0,151 0,838 0,158 0,930 0,110 1,122 0,192 1,152 0,235 1,167 0,153 1,287 0,215 1,236 0,247 1,257 0,161 1,043 0,161 1,043 0,161	2001,88 2,39 2,21 2,41 0,73 1,26 1,07 1,56 1,37 1,63	2003,07 3,00 2,86 2,85 1,51 2,24	1996 1 1	2008 4 4	Total Between Group	870,687 0,445	98			
c_s orth female 43 2,70 male 28 2,54 C.s. surg female 34 1,12 male 28, c_s. surg female 34 1,12 male 24 1,75 Total 58 1,38 C.s. cas female 62 2,00 male 25 1,88 Total 61 1,95 C.s. neur female 42 1,71 male 22 1,91 Total 61 1,78 C.s. neur female 32 0,66 female 32 0,66 female 32 0,66 female 32 0,66 female 32 0,58 C.s. ped female 35 0,85 C.s. ped female 58 1,92 Total 53 0,85 C.s. ped female 68 1,92 Total 53 0,85 C.s. ped female 68 1,92 Total 58 1,92 T	0.989 0.151 0.838 0.158 0.930 0.110 1.122 0.192 1.152 0.235 1.167 0.153 1.287 0.215 1.236 0.247 1.257 0.161 1.043 0.161 1.043 0.161	2,39 2,21 2,41 0,73 1,26 1,07 1,56 1,37	3,00 2,86 2,85 1,51 2,24	1	4	Between Group	0,445		0.445		
Total 71 2,63 c.s. surg female 34 1,12 male 24 1,75 Total 58 1,38 c.s. cas female 36 2,00 male 25 1,88 male 25 1,88 male 25 1,88 c.s. neur female 42 1,71 male 22 1,91 Total 64 1,78 c.s. neur female 32 0,66 male 21 1,14 Total 53 0,85 c.s. ped female 38 1,92 Total 53 0,85 c.s. ped female 8 1,92	0,930         0,110           1,122         0,192           1,152         0,235           1,167         0,153           1,287         0,215           1,236         0,247           1,257         0,161           1,043         0,161           1,231         0,262	2,41 0,73 1,26 1,07 1,56 1,37 1,63	2,85 1,51 2,24			Within Groups			0,445	0,511	0,477
c.s. surg         female         34         1,12           male         24         1,75           Total         58         1,38           c.s.cas         female         36         2,00           male         25         1,88           Total         61         1,95           c.s.neur         female         42         1,71           male         22         1,91           Total         64         1,78           c.s.rad         female         32         0,66           male         21         1,14           Total         53         0,85           c.s.ped         female         38         1,92	1,122 0,192 1,152 0,235 1,167 0,153 1,287 0,215 1,236 0,247 1,257 0,161 1,043 0,161 1,231 0,262	0,73 1,26 1,07 1,56 1,37 1,63	1,51 2,24		4	Total	60,034 60,479	69 70	0,870		$\vdash$
Total 58 1.38	1,167 0,153 1,287 0,215 1,236 0,247 1,257 0,161 1,043 0,161 1,231 0,262	1,07 1,56 1,37 1,63		0	4	Between Group	5,626	1	5,626	4,374	0,041
male         25         1,88           Total         61         1,95           c_s_neur         female         21         1,71           male         22         1,91           Total         64         1,78           c_s_rad         female         32         0,66           male         21         1,14           Total         53         0,85           c_s_ped         female         38         1,92	1,236 0,247 1,257 0,161 1,043 0,161 1,231 0,262	1,37 1,63	4,07	0	4	Within Groups Total	72,029 77,655	56 57	1,286		
Total 61   1.95	1,257 0,161 1,043 0,161 1,231 0,262	1,63	2,44	0		Between Groups	0,212	1 59	0,212	0,132	0,717
male   22   1,91     Total   64   1,78     c_s_rad   female   32   0,66     male   21   1,14     Total   53   0,85     c_s_ped   female   38   1,92	1,231 0,262		2,39 2,27	0	4	Within Groups Total	94,640 94,852	60	1,604		
Total 64 1,78 c s rad female 32 0,66 male 21 1,14 Total 53 0,85 c s ped female 38 1,92		1,39 1,36	2,04 2,45	0	4	Between Groups Within Groups	0,548 76,390	62	0,548 1,232	0,445	0,507
male   21   1,14		1,51	2,06	0	4	Total	76,938	63			
Total 53 0,85 c_s_ped female 38 1,92	1,153 0,204 1,236 0,270	0,24 0,58	1,07 1,71	0	4	Between Groups Within Groups	3,002 71,790	1 51	3,002 1,408	2,133	0,150
	1,199 0,165	0,52	1,18	0	4	Total	74,792	52			
	1,239 0,201 1,046 0,209	1,51 1,09	2,33 1,95	0	4	Between Groups Within Groups	2,425 83,003	61	2,425 1,361	1,782	0,187
Total 63 1,76 c_s_gyn female 36 1,83	1,174 0,148 1,108 0,185	1,47 1,46	2,06 2,21	0	4	Total Between Groups	85,429 0,190	62	0,190	0,147	0,703
male 25 1,72	1,173 0,235	1,24	2,20	0	4	Within Groups	76,040	59	1,289	0,147	0,703
Total 61 1,79 c_s_GP female 49 3,02	1,127 0,144 0,901 0,129	1,50 2,76	2,08 3,28	0	4	Total Between Groups	76,230 0.104	60	0,104	0,122	0,728
male 32 3,09	0,963 0,170	2,75	3,44	1	4	Within Groups	67,698	79	0,857		
Total 81 3,05 all_no_c female 49 2,51	0,921 0,102 0,960 0,137	2,85 2,23	3,25 2,79	0	4	Total Between Group	67,802 3,245	80	3,245	3,127	0,081
male 31 2,10 Total 80 2,35	1,106 0,199 1,032 0,115	1,69 2,12	2,50 2,58	0	4	Within Groups Total	80,955 84,200	78 79	1,038		
secur female 47 2,83	1,129 0,165	2,50	3,16	0	4	Between Group	10,777	1	10,777	7,490	0,008
male 27 2,04 Total 74 2,54	1,315 0,253 1,252 0,146	1,52 2,25	2,56 2,83	0	4	Within Groups Total	103,601 114,378	72 73	1,439		
exch female 49 1,88	0,927 0,132	1,61	2,14	0	4	Between Group	0,452	1	0,452	0,413	0,522
male 30 2,03 Total 79 1,94	1,217 0,222 1,042 0,117	1,58 1,70	2,49 2,17	0	4	Within Groups Total	84,232 84,684	77 78	1,094		$\vdash$
feedb female 51 2,06	1,066 0,149	1,76	2,36	0	4	Between Group	0,086	1	0,086	0,070	0,793
male         32         2,13           Total         83         2,08	1,185 0,209 1,107 0,121	1,70 1,84	2,55 2,33	0	4	Within Groups Total	100,324 100,410	81 82	1,239		
diff_dia female 50 2,10 male 30 2,30	1,055 0,149 0,837 0,153	1,80 1,99	2,40 2,61	0	4	Between Groups Within Groups	0,750 74,800	1 78	0,750 0,959	0,782	0,379
Total 80 2,18	0,837 0,133	1,99	2,39	0	4	Total	75,550	79	0,939		
issue female 47 1,64 male 30 1,83	1,150 0,168 1,206 0,220	1,30 1,38	1,98 2,28	0	4	Between Groups Within Groups	0,697 103,018	1 75	0,697 1,374	0,507	0,479
Total 77 1,71	1,168 0,133	1,45	1,98	0	4	Total	103,714	76			
succ female 46 1,48 male 29 1,45	1,169 0,172 1,088 0,202	1,13 1,03	1,83 1,86	0	4	Between Groups Within Groups	0,016 94,651	73	0,016 1,297	0,012	0,912
Total 75 1,47	1,131 0,131	1,21	1,73	0	4	Total	94,667	74			
probl female 50 2,32 male 30 2,23	0,999 0,141 0,858 0,157	2,04 1,91	2,60 2,55	0	4	Between Groups Within Groups	0,141 70,247	1 78	0,141 0,901	0,156	0,694
Total 80 2,29	0,944 0,106	2,08	2,50	0	4	Total	70,388	79			
I_via_p female 46 1,87 male 30 1,93	1,087 0,160 1,048 0,191	1,55 1,54	2,19 2,32	0	4	Between Groups Within Groups	0,074 85,084	1 74	0,074 1,150	0,064	0,801
Total 76 1,89	1,066 0,122	1,65	2,14 2.08	0	4	Total	85,158	75 1	2 201	2.527	0.116
C_via_p female 48 1,71 male 31 1,29	1,271 0,183 0,902 0,162	1,34 0,96	1,62	0	4	Between Groups Within Groups	3,291 100,304	77	3,291 1,303	2,527	0,116
Total 79 1,54 cont female 51 0,86	1,152 0,130 0,601 0,084	1,29 0,69	1,80 1.03	0	2	Total Between Groups	103,595 1,745	78 1	1,745	4,887	0,030
male 30 1,17	0,592 0,108	0,95	1,39	0	2	Within Groups	28,206	79	0,357	1,007	0,050
Total 81 0,98 intens female 51 1,43	0,612 0,068 0,608 0,085	0,84 1,26	1,11 1,60	0	2 2	Total Between Groups	29,951 1,988	80	1,988	4,970	0,029
male 29 1,10	0,673 0,125	0,85	1,36	0	2	Within Groups	31,199	78	0,400		
Total 80 1,31 no_int female 51 0,76	0,648 0,072 0,681 0,095	1,17 0,57	1,46 0,96	0	2	Total Between Group	33,188 0,444	79 1	0,444	1,164	0,284
male 31 0,61 Total 82 0,71	0,495 0,089 0,618 0,068	0,43 0,57	0,79 0,84	0	1 2	Within Groups Total	30,531 30,976	80 81	0,382		$\vdash$
inspir female 45 0,58	0,690 0,103	0,37	0,79	0	2	Between Groups	1,714	1	1,714	3,412	0,069
male 28 0,89 Total 73 0,70	0,737 0,139 0,720 0,084	0,61	1,18 0.87	0	2 2	Within Groups Total	35,656 37,370	71 72	0,502		$\vdash$
interest female 49 1,31	0,548 0,078	1,15	1,46	0	2	Between Group	0,243	1	0,243	0,865	0,355
male 31 1,42 Total 80 1,35	0,502 0,090 0,530 0,059	1,24 1,23	1,60 1,47	0	2 2	Within Groups Total	21,957 22,200	78 79	0,281		
allot female 49 1,18	0,601 0,086	1,01	1,36	0	2	Between Group	0,292	1	0,292	0,806	0,372
male 29 1,31 Total 78 1,23	0,604 0,112 0,601 0,068	1,08 1,10	1,54 1,37	0	2	Within Groups Total	27,554 27,846	76 77	0,363		
mutual female 49 1,29 male 31 1,45	0,612 0,087 0,506 0,091	1,11 1,27	1,46 1,64	0	2 2	Between Groups Within Groups	0,523 25,677	1 78	0,523 0,329	1,587	0,211
Total 80 1,35	0,576 0,064	1,22	1,48	0	2	Total	26,200	79			
ensur female 48 1,31 male 29 0,90	0,689 0,099 0,557 0,103	1,11 0,68	1,51 1,11	0	2 2	Between Groups Within Groups	3,128 31,002	1 75	3,128 0,413	7,567	0,007
Total 77 1,16	0,670 0,076	1,00	1,31	0	2	Total	34,130	76		0.602	0.400
rec_d female 48 1,54 male 25 1,36	0,849 0,123 0,952 0,190	1,30 0,97	1,79 1,75	0	2	Between Groups Within Groups	0,543 55,677	1 71	0,543 0,784	0,692	0,408
Total 73 1,48 tel female 48 1,25	0,884 0,103 0,978 0,141	1,27 0,97	1,69 1,53	0	2	Total Between Group	56,219 0,001	72 1	0,001	0,002	0,969
male 27 1,26	0,984 0,189	0,87	1,65	0	2	Within Groups	70,185	73	0,001	0,002	0,709
Total 75 1,25     letter   female 47 0,60	0,974 0,112 0,925 0,135	1,03 0,32	1,48 0,87	0	2 2	Total Between Groups	70,187 0,156	74 1	0,156	0,176	0,676
male 26 0,69	0,970 0,190	0,30	1,08	0	2	Within Groups	62,858	71	0,885	5,0	2,070
Total 73 0,63 acquaint female 51 1,65	0,936 0,109 0,770 0,108	0,41 1,43	0,85 1,86	0	2 2	Total Between Groups	63,014 0,391	72 1	0,391	0,594	0,443
male 28 1,50	0,882 0,167	1,16	1,84	0	2	Within Groups	50,647	77	0,658		
Total 79 1,59 person female 47 1,70	0,809 0,091 0,720 0,105	1,41 1,49	1,78 1,91	0	2	Total Between Group:	51,038 0,300	78 1	0,300	0,513	0,476
male 28 1,57 Total 75 1,65	0,836 0,158 0,762 0,088	1,25 1,48	1,90 1,83	0	2 2	Within Groups Total	42,687 42,987	73 74	0,585		
shared_r female 49 0,82	0,993 0,142	0,53	1,10	0	2	Between Group	0,390	1	0,390	0,404	0,527
male   27   0,67     Total   76   0,76	0,961 0,185 0,978 0,112	0,29 0,54	1,05 0,99	0	2 2	Within Groups Total	71,347 71,737	74 75	0,964		
d_red female 44 1,32	0,959 0,145	1,03	1,61	0	2	Between Group	0,601	1	0,601	0,691	0,409
male 21 1,52 Total 65 1,38	0,873 0,190 0,930 0,115	1,13 1,15	1,92 1,62	0	2 2	Within Groups Total	54,784 55,385	63 64	0,870		$\vdash$
approach female 46 1,09	1,007 0,149	0,79	1,39	0	2	Between Group	2,031	1	2,031	2,135	0,148
male 28 1,43 Total 74 1,22	0,920 0,174 0,983 0,114	1,07 0,99	1,79 1,44	0	2 2	Within Groups Total	68,509 70,541	72 73	0,952		
c_gen female 61 0,85	0,358 0,046	0,76	0,94 0,95	0	1	Between Groups	0,018 13,447	1 99	0,018	0,134	0,715
male 40 0,83 Total 101 0,84	0,385 0,061 0,367 0,037	0,70 0,77	0,95	0	1	Within Groups Total	13,447	100	0,136		

	Danamintinan I					1					1		1			
	Descriptives	N	Mean	Std. Deviation	Std. Error	95% C	(Mean)	Minimum	Maximum	ANOVA						-
		÷	rreun	ota. Deviation	Dia. Error	Lower Bound				1110 111	Sum of Squares	df	Mean Square	F	Sig.	
finish	<2001	30	1999,00	1,438	0,263	1998,46	1999,54	1996	2000	Between Groups	726,714	2	363,357	242,284	0,000	0,000
	2001-2004	38	2002,42	1,244	0,202	2002,01	2002,83	2001		Within Groups	143,973	96	1,500			
	>2004	31	2005,90	0,944	0,169	2005,56	2006,25	2005		Total	870,687	98				
	Total	99	2002,47	2,981	0,300	2001,88	2003,07	1996	2008							
c_s_orth	<2001 2001-2004	24 28	2,58 2,68	1,060 0,819	0,216 0,155	2,14 2,36	3,03 3,00	1		Between Groups	0,125 60,218	67	0,062	0,069	0,933	0,467
-	>2001-2004	18	2,68	0,819	0,133	2,30	3,10	1	4	Within Groups Total	60,343	69	0,899			$\vdash$
	Total	70	2,63	0,979	0,231	2,12	2,85	1	4	Total	00,343	0,5				
c_s_surg	<2001	22	1.50	1,300	0,277	0.92	2,08	0	4	Between Groups	4.039	2	2,020	1.489	0.235	0.117
	2001-2004	22	1,05	0,899	0,192	0,65	1,44	0	3	Within Groups	73,224	54	1,356	2,700	0,200	- 0,227
	>2004	13	1,69	1,316	0,365	0,90	2,49	0	4	Total	77,263	56				
	Total	57	1,37	1,175	0,156	1,06	1,68	0	4							
c_s_cas	<2001	22	1,82	1,296	0,276	1,24	2,39	0		Between Groups	2,940	2	1,470	0,912	0,408	0,204
	2001-2004	23	1,83	1,114	0,232	1,34	2,31	0		Within Groups	91,910	57	1,612			<b>└</b>
	>2004 Total	15 60	2,33 1,95	1,447 1,268	0,374 0,164	1,53 1,62	3,13 2,28	0		Total	94,850	59				$\vdash$
c_s_neur	<2001	23	1,53	1,208	0,164	1,02	2,28	0		Between Groups	3,416	2	1,708	1,395	0,256	0,128
c_s_neur	2001-2004	25	1,80	1,041	0,208	1,37	2,23	0		Within Groups	73,472	60	1,225	1,373	0,230	0,120
	>2004	15	2,13	1,060	0,274	1,55	2,72	0		Total	76,889	62	1,223			
	Total	63	1,78	1,114	0,140	1,50	2,06	0	4							
c_s_rad	<2001	17	0,53	0,874	0,212	0,08	0,98	0	2	Between Groups	4,547	2	2,274	1,603	0,212	0,106
	2001-2004	23	0,87	1,140	0,238	0,38	1,36	0	3	Within Groups	69,511	49	1,419			
	>2004	12	1,33	1,614	0,466	0,31	2,36	0	4	Total	74,058	51			<u> </u>	$oldsymbol{\sqcup}$
	Total <2001	52 22	0,87 1,68	1,205 1,427	0,167 0,304	0,53	1,20 2,31	0	4	Dataman Casa	0.100		0.000	0.000	0.024	0.467
c_s_ped	<2001 2001-2004	25	1,68	1,427	0,304	1,05 1,32	2,31	0		Between Groups Within Groups	0,198 85,173	59	0,099 1,444	0,069	0,934	0,467
	>2001-2004	15	1,80	0,862	0,231	1,32	2,20	1		Total	85,371	61	1,444			$\vdash$
	Total	62	1,76	1,183	0,223	1,46	2,26	0	4	Total	65,571	01				
c_s_gyn	<2001	20	1,80	1,240	0,277	1,22	2,38	0	4	Between Groups	1,533	2	0,767	0,597	0,554	0,277
	2001-2004	25	1,60	1,000	0,200	1,19	2,01	0		Within Groups	73,200	57	1,284			
	>2004	15	2,00	1,195	0,309	1,34	2,66	0	4	Total	74,733	59				
	Total	60	1,77	1,125	0,145	1,48	2,06	0	4							
c_s_GP	<2001	27	2,93	0,958	0,184	2,55	3,30	1	4	Between Groups	1,574	2	0,787	0,915	0,405	0,202
	2001-2004	31	3,23	0,884	0,159	2,90	3,55	2	4	Within Groups	66,226	77 79	0,860			<b>└</b>
	>2004 Total	22 80	2,95 3,05	0,950 0,926	0,203 0,104	2,53 2,84	3,38 3,26	1	4	Total	67,800	/9				$\vdash$
all no c	<2001	26	2,27	1,041	0,104	1,85	2,69	0	4	Between Groups	4,932	2	2,466	2,368	0,101	0.050
an_no_c	2001-2004	32	2,16	1,019	0,180	1,79	2,52	0		Within Groups	79,144	76	1,041	2,300	0,101	0,050
	>2004	21	2,76	0,995	0,217	2,31	3,21	1		Total	84,076	78	-,,,,,			
	Total	79	2,35	1,038	0,117	2,12	2,59	0	4							
secur	<2001	25	2,24	1,451	0,290	1,64	2,84	0	4	Between Groups	4,465	2	2,233	1,426	0,247	0,124
	2001-2004	28	2,82	1,090	0,206	2,40	3,24	0		Within Groups	109,617	70	1,566			
	>2004	20	2,55	1,191	0,266	1,99	3,11	0		Total	114,082	72				$\vdash$
exch	Total <2001	73 28	2,55 1,86	1,259 1,079	0,147 0,204	2,25 1,44	2,84 2,28	0	4	Datuman Carre	0,695	2	0,347	0,313	0,732	0,366
excii	2001-2004	29	2,07	1,079	0,204	1,44	2,46	0		Between Groups Within Groups	83,100	75	1,108	0,515	0,732	0,300
	>2001=2004	21	1,90	1,033	0,192	1,43	2,38	0		Total	83,795	77	1,100			
	Total	78	1,95	1,043	0,118	1,71	2,18	0	4		55,175	.,				-
feedb	<2001	28	2,04	1,232	0,233	1,56	2,51	0	4	Between Groups	0,265	2	0,132	0,104	0,901	0,450
	2001-2004	32	2,16	1,019	0,180	1,79	2,52	0	4	Within Groups	100,138	79	1,268			
	>2004	22	2,05	1,133	0,242	1,54	2,55	0	4	Total	100,402	81				
1.00 1.	Total	82	2,09	1,113	0,123	1,84	2,33	0	4	D		_			0.222	0.16
diff_dia	<2001	27	1,96	1,055	0,203	1,55	2,38	0		Between Groups	2,221	2	1,111 0,964	1,152	0,322	0,161
	2001-2004 >2004	31 21	2,35 2,19	0,915 0,981	0,164 0,214	2,02 1,74	2,69 2,64	0	4	Within Groups Total	73,298 75,519	76 78	0,964		<b> </b>	$\vdash \vdash$
<b>—</b>	>2004 Total	79	2,19	0,981	0,214	1,74	2,04	0	4	ı Jiai	13,319	/6				$\vdash$
issue	<2001	27	1,67	1,240	0,239	1,18	2,16	0	4	Between Groups	1,761	2	0,880	0,633	0,534	0,267
	2001-2004	30	1,90	1,185	0,216	1,46	2,34	0		Within Groups	101,437	73	1,390	-,	,,,,,	
	>2004	19	1,53	1,073	0,246	1,01	2,04	0		Total	103,197	75				
	Total	76	1,72	1,173	0,135	1,46	1,99	0	4							
succ	<2001	25	1,40	1,354	0,271	0,84	1,96	0		Between Groups	0,256	2	0,128	0,097	0,908	0,454
	2001-2004	29	1,45	0,910	0,169	1,10	1,79	0		Within Groups	94,122	71	1,326		<u> </u>	$oldsymbol{\sqcup}$
<u> </u>	>2004	20	1,55	1,191	0,266	0,99	2,11	0		Total	94,378	73				$\vdash \vdash$
prob!	Total <2001	74 27	1,46	1,137 1,050	0,132	1,20 1,81	1,72	0		Datuman Commi	1,385	^	0,692	0,782	0,461	0,231
probl	<2001 2001-2004	31	2,22 2,23	0,805	0,202	1,81	2,64 2,52	1		Between Groups Within Groups	1,385 67,324	76	0,692	0,782	0,401	0,231
	>2001-2004	21	2,23	0,803	0,143	2,08	2,32	1		Total	68,709	78	0,000			-
	Total	79	2,30	0,939	0,106	2,09	2,51	0	4		55,707	,,				-
I_via_p	<2001	26	1,73	0,874	0,171	1,38	2,08	0	4	Between Groups	1,087	_ 2	0,543	0,465	0,630	0,315
	2001-2004	31	2,00	1,238	0,222	1,55	2,45	0	4	Within Groups	84,060	72	1,167			
	>2004	18	1,94	1,056	0,249	1,42	2,47	0	4	Total	85,147	74				
	Total	75	1,89	1,073	0,124	1,65	2,14	0	4							

C via p	<2001	26	1,54	0,905	0,177	1,17	1,90	0	4	Between Groups	1,454	2.	0,727	0,535	0,588	0,294
C_11u_p	2001-2004	32	1,41	1,214	0,215	0,97	1,84	0		Within Groups	101,930	75	1,359	0,000	0,500	0,271
	>2004	20	1,75	1,372	0,307	1,11	2,39	0	4	Total	103,385	77				
	Total	78	1,54	1,159	0,131	1,28	1,80	0	4							
cont	<2001	27	0,78	0,641	0,123	0,52	1,03	0	2	Between Groups	2,626	2	1,313	3,701	0,029	0,015
	2001-2004	31	1,19	0,601	0,108	0,97	1,41	0	2	Within Groups	27,324	77	0,355			
	>2004	22	0,91	0,526	0,112	0,68	1,14	0	2	Total	29,950	79				
	Total	80	0,98	0,616	0,069	0,84	1,11	0	2							
intens	<2001	26	1,50	0,583	0,114	1,26	1,74	0	2	Between Groups	2,014	2	1,007	2,463	0,092	0,046
	2001-2004	31	1,13	0,670	0,120	0,88	1,37	0	2	Within Groups	31,075	76	0,409			
	>2004	22	1,36	0,658	0,140	1,07	1,66	0	2	Total	33,089	78				
	Total	79	1,32	0,651	0,073	1,17	1,46	0	2							
no_int	<2001	27	0,81	0,681	0,131	0,55	1,08	0	2	Between Groups	1,076	2	0,538	1,408	0,251	0,125
	2001-2004	32	0,56	0,564	0,100	0,36	0,77	0	2	Within Groups	29,813	78	0,382			
	>2004	22	0,77	0,612	0,130	0,50	1,04	0	2	Total	30,889	80				
	Total <2001	81 23	0,70 0,48	0,621	0,069	0,57 0,19	0,84 0,77	0	2	D	1.798	_	0,899	1,768	0.170	0.089
inspir	2001-2004	29		0,805	0,139	0,19		Ü	2	Between Groups	35.077	- 2	0,899	1,/08	0,178	0,089
	>2001-2004	29	0,83 0,80	0,805	0,149	0,52	1,13 1,09	0	2	Within Groups Total	35,077	69 71	0,508			
	72004 Total	72	0,80	0,721	0,138	0,51	0,88	0	2	Total	30,873	/1				
interest	<2001	26	1,23	0,721	0,083	1,02	1,44	0	2	Between Groups	1,443	2	0,721	2,657	0,077	0,038
INCIUSI	2001-2004	32	1,23	0,514	0,101	1,02	1,44	0	2	Within Groups	20.633	76	0,721	2,037	0,077	0,038
	>2001-2004	21	1,51	0,533	0,093	1,12	1,80	1	2	Total	22,076	78	0,271		1	1
	Total	79	1,35	0,532	0,060	1,24	1,47	0	2		22,070	, 0	l l			
allot	<2001	25	1,12	0,666	0,133	0,85	1,39	0	2	Between Groups	0,550	2	0,275	0,747	0,477	0,239
inot	2001-2004	31	1,26	0,575	0,103	1,05	1,47	0	2.	Within Groups	27,242	74	0,368	0,717	0,177	0,207
	>2004	21	1,33	0,577	0,126	1,07	1,60	0	2	Total	27,792	76	0,000			
	Total	77	1,23	0,605	0.069	1,10	1,37	0	2							
mutual	<2001	26	1,31	0,618	0,121	1,06	1,56	0	2	Between Groups	0,123	2	0,061	0,179	0,836	0,418
	2001-2004	31	1,35	0,551	0,099	1,15	1,56	0	2	Within Groups	25,953	76	0,341			
	>2004	22	1,41	0,590	0,126	1,15	1,67	0	2	Total	26,076	78				
	Total	79	1,35	0,578	0,065	1,22	1,48	0	2							
ensur	<2001	25	1,16	0,688	0,138	0,88	1,44	0	2	Between Groups	0,041	2	0,020	0,043	0,958	0,479
	2001-2004	30	1,13	0,730	0,133	0,86	1,41	0	2	Within Groups	34,065	73	0,467			
	>2004	21	1,19	0,602	0,131	0,92	1,46	0	2	Total	34,105	75				
	Total	76	1,16	0,674	0,077	1,00	1,31	0	2							
rec_d	<2001	25	1,36	0,952	0,190	0,97	1,75	0	2	Between Groups	0,499	2	0,249	0,310	0,734	0,367
	2001-2004	29	1,52	0,871	0,162	1,19	1,85	0	2	Within Groups	55,446	69	0,804			
	>2004	18	1,56	0,856	0,202	1,13	1,98	0	2	Total	55,944	71				
	Total	72	1,47	0,888	0,105	1,26	1,68	0	2							
tel	<2001	25	1,20	1,000	0,200	0,79	1,61	0	2	Between Groups	0,071	2	0,035	0,036	0,965	0,482
	2001-2004	30	1,27	0,980	0,179	0,90	1,63	0	2	Within Groups	69,551	71	0,980			
	>2004	19	1,26	0,991	0,227	0,79	1,74	0	2	Total	69,622	73				
	Total	74	1,24	0,977	0,114	1,02	1,47	0	2							
letter	<2001	26	0,62	0,941	0,185	0,24	1,00	0	2	Between Groups	1,679	- 2	0,840	0,951	0,391	0,196
	2001-2004	28	0,50	0,882	0,167	0,16	0,84	0	2	Within Groups	60,932	69	0,883			
	>2004 Total	18 72	0,89 0,64	1,023 0,939	0,241 0,111	0,38 0,42	1,40 0,86	0	2	Total	62,611	71			<b>-</b>	
acquaint	<2001	24	1,50	0,939	0,111	1,13	1,87	0	2	Between Groups	1,599	- 1	0,800	1.217	0,302	0.151
acquaint	2001-2004	32	1,50	0,880	0,181	1,13	1,87	0	2	Within Groups	49.273	75	0,800	1,21/	0,502	0,131
	>2001-2004	22	1,82	0,880	0,136	1,18	2,08	0	2	Total Total	50,872	77	0,037		1	<b>-</b>
	72004 Total	78	1,59	0,388	0,123	1,30	1,77	0	2	* 0tm	30,072	- / /			<del>                                     </del>	<del>                                     </del>
person	<2001	26	1,54	0,813	0,169	1,19	1,89	0	2	Between Groups	0,694	2	0,347	0,584	0,560	0,280
person	2001-2004	29	1,54	0,769	0,143	1,19	1,95	0		Within Groups	42,171	71	0,594	0,504	0,500	0,200
	>2001-2004	19	1,79	0,631	0,145	1,49	2,09	0	2.	Total	42,865	73	0,074			
	Total	74	1,65	0,766	0.089	1,47	1,83	0	2.		,003					
shared_r	<2001	26	0,54	0,905	0,177	0,17	0,90	0	2.	Between Groups	1,978	2.	0,989	1,044	0,357	0,179
	2001-2004	30	0,80	0,997	0,182	0,43	1,17	0	2	Within Groups	68,209	72	0,947	-,- / /	,,,,,,	.,,
	>2004	19	0,95	1,026	0,235	0,45	1,44	0	2	Total	70,187	74				
	Total	75	0,75	0,974	0,112	0,52	0,97	0	2				İ			
d_red	<2001	21	1,24	0,995	0,217	0,79	1,69	0	2	Between Groups	1,718	2	0,859	0,992	0,377	0,188
	2001-2004	28	1,57	0,836	0,158	1,25	1,90	0	2	Within Groups	53,667	62	0,866	.,,.	, , ,	1
	>2004	16	1,25	1,000	0,250	0,72	1,78	0	2	Total	55,385	64				
	Total	65	1,38	0,930	0,115	1,15	1,62	0	2							
approach	<2001	25	0,96	1,020	0,204	0,54	1,38	0	2	Between Groups	2,291	2	1,146	1,186	0,312	0,156
	2001-2004	30	1,33	0,959	0,175	0,98	1,69	0	2	Within Groups	67,627	70	0,966			
	>2004	18	1,33	0,970	0,229	0,85	1,82	0	2	Total	69,918	72				
	Total	73	1.21	0,985	0,115	0.98	1.44	0	2							

	Descriptives															
		N	Mean	Std. Deviation	Std. Error	95% CI	(Mean)	Minimum	Maximum	ANOVA						
						Lower Bound	Upper Bound				Sum of Squares	df	Mean Square	F	Sig.	Sig./Df
c_gen	in progress	24	0,79	0,415	0,085	0,616	0,967	0	1	Between Groups	0,462	2	0,231	1,740	0,181	0,090
	Ost	37	0,78	0,417	0,069	0,645	0,923	0	1	Within Groups	13,004	98	0,133			
	graduated	40		0,267	0,042	0,840	1,010	0	1	Total	13,465	100				
	Total	101	0,84	0,367	0,037	0,769	0,914	0	1							
c_s_orth	in progress	16		0,814	0,203	2,004	2,871	1		Between Groups	0,844	2	0,422	0,481	0,620	0,310
	Ost	22		0,827	0,176	2,361	3,094	1		Within Groups	59,634	68				
	graduated	33		1,051	0,183	2,294	3,039	1		Total	60,479	70				
	Total	71	2,63	0,930	0,110	2,414	2,854	1	4							
c_s_surg	in progress	11	1,55	1,036	0,312	0,850	2,241	0		Between Groups	0,376	2	0,188	0,134	0,875	0,437
	Ost	18		1,237	0,291	0,718	1,948	0		Within Groups	77,279	55	1,405			
	graduated	29		1,203	0,223	0,887	1,803	0		Total	77,655	57				
	Total	58	1,38	1,167	0,153	1,072	1,686	0								
c_s_cas	in progress	12	2,50	1,000	0,289	1,865	3,135	1		Between Groups	5,646	2	2,823	1,835	0,169	0,084
	Ost	20	2,00	1,214	0,271	1,432	2,568	0		Within Groups	89,207	58	1,538			
	graduated	29	1,69	1,339	0,249	1,180	2,199	0		Total	94,852	60				
	Total	61	1,95	1,257	0,161	1,629	2,273	0								
c_s_neur	in progress	11	1,55	0,820	0,247	0,994	2,096	0		Between Groups	0,973	2	0,486	0,391	0,678	0,339
	Ost	22		1,065	0,227	1,437	2,381	0		Within Groups	75,965	61	1,245			
	graduated	31	1,77	1,230	0,221	1,323	2,226	0		Total	76,938	63				
	Total	64		1,105	0,138	1,505	2,057	0								
c_s_rad	in progress	9		1,414	0,471	-0,087	2,087	0		Between Groups	2,861	2	1,430	0,994	0,377	0,189
	Ost	18		1,231	0,290	0,499	1,723	0		Within Groups	71,932	50	1,439			
	graduated	26		1,098	0,215	0,172	1,059	0		Total	74,792	52				<u> </u>
	Total	53		1,199	0,165	0,518	1,180	0								
c_s_ped	in progress	13		1,121	0,311	0,938	2,293	0		Between Groups	1,192	2	0,596	0,425	0,656	0,328
	Ost	21		1,071	0,234	1,465	2,440	0		Within Groups	84,236	60	1,404			
	graduated	29		1,285	0,239	1,201	2,178	0		Total	85,429	62				
	Total	63		1,174	0,148	1,466	2,058	0								
c_s_gyn	in progress	11		1,079	0,325	1,093	2,543	0		Between Groups	0,016	2	0,008	0,006	0,994	0,497
	Ost	19		1,134	0,260	1,243	2,336	0		Within Groups	76,214	58	1,314			
	graduated	31		1,175	0,211	1,343	2,205	0		Total	76,230	60				
	Total	61	1,79	1,127	0,144	1,498	2,076	0								
c_s_GP	in progress	17	3,18	0,951	0,231	2,688	3,665	1		Between Groups	0,359	2	0,179	0,208	0,813	0,407
	Ost	27	3,00	0,877	0,169	2,653	3,347	2		Within Groups	67,444	78				
	graduated	37	3,03	0,957	0,157	2,708	3,346	1		Total	67,802	80				
	Total	81	3,05	0,921	0,102	2,846	3,253	1								
all_no_c	in progress	17	2,35	1,115	0,270	1,780	2,926	1		Between Groups	0,021	2	0,011	0,010	0,990	0,495
	Ost	27	2,37	1,079	0,208	1,943	2,797	0		Within Groups	84,179	77	1,093			
	graduated	36	2,33	0,986	0,164	2,000	2,667	0		Total	84,200	79				
	Total	80		1,032	0,115	2,120	2,580	0								
secur	in progress	15	2,33	1,113	0,287	1,717	2,950	0		Between Groups	2,248	2	1,124	0,712	0,494	0,247
	Ost	26		1,070	0,210	2,337	3,201	0		Within Groups	112,131	71	1,579			
	graduated	33	2,45	1,438	0,250	1,945	2,964	0		Total	114,378	73				
	Total	74		1,252	0,146	2,251	2,831	0								
exch	in progress	17	1,76	1,091	0,265	1,204	2,326	0		Between Groups	1,508	2	0,754	0,689	0,505	0,253
	Ost	25	1,84	0,987	0,197	1,433	2,247	0		Within Groups	83,176	76	1,094			<u> </u>
	graduated	37		1,064	0,175	1,726	2,436	0		Total	84,684	78				<u> </u>
	Total	79		1,042	0,117	1,703	2,170	0				_				L
feedb	in progress	18		1,138	0,268	1,768	2,899	0		Between Groups	3,275	_2	1,638	1,349	0,265	0,133
	Ost	28		1,156	0,219	1,373	2,270	0		Within Groups	97,134	80	1,214			<b></b>
	graduated	37		1,041	0,171	1,815	2,509	1		Total	100,410	82				<b></b>
	Total	83		1,107	0,121	1,843	2,326	0				<b>—</b>		1.000	0.000	0.10
diff_dia	in progress	17		0,752	0,182	1,848	2,622	0		Between Groups	2,537	2	1,268	1,338	0,268	0,134
	Ost	26		0,977	0,192	1,529	2,318	0		Within Groups	73,013	77	0,948			<b>—</b>
	graduated	37		1,056	0,174	1,972	2,676	0		Total	75,550	79				
	Total	80		0,978	0,109	1,957	2,393	0				<b>—</b>			0.5.11	
issue	in progress	14		1,216	0,325	0,941	2,345	0		Between Groups	1,714	2	0,857	0,622	0,540	0,270
	Ost	26		1,272	0,249	1,025	2,052	0		Within Groups	102,000	74	1,378			
	graduated	37	1,86	1,084	0,178	1,503	2,226	0		Total	103,714	76				<u> </u>
	Total	77	1,71	1,168	0,133	1,449	1,979	0		L	ļ	Ь				
succ	in progress	15		1,082	0,279	1,201	2,399	0		Between Groups	2,083	_2	1,042	0,810	0,449	0,224
	Ost	26	1,38	1,267	0,249	0,873	1,897	0		Within Groups	92,583	72	1,286			
	graduated	34		1,045	0,179	1,018	1,747	0		Total	94,667	74				
	Total	75		1,131	0,131	1,206	1,727	0		<u></u>		Ь.				
probl	in progress	17	2,18	0,883	0,214	1,723	2,630	1		Between Groups	1,093	2	0,546	0,607	0,547	0,274
	Ost	27	2,19	1,039	0,200	1,774	2,596	0		Within Groups	69,295	77	0,900			
	graduated	36		0,906	0,151	2,110	2,723	0		Total	70,388	79				<u> </u>
	Total	80		0,944	0,106	2,077	2,498	0								
l_via_p	in progress	13	1,92	1,320	0,366	1,125	2,721	0		Between Groups	0,077	2	0,039	0,033	0,967	0,484
	Ost	27	1,85	0,989	0,190	1,461	2,243	0		Within Groups	85,080	73	1,165			
	graduated	36		1,052	0,175	1,561	2,273	0		Total	85,158	75				
	Total	76	1,89	1,066	0,122	1,651	2,138	0	4		1					, T

0	P		4 40	1.010	0.070	0.040	0.045				0.010		0.010	0.000	0.700	0.000
C_via_p	in progress	14 29	1,43	1,016	0,272	0,842	2,015 1,909	0		Between Groups	0,619	2		0,229	0,796	0,398
	Ost graduated	36	1,46	1,122 1,246	0,208 0.208	1,056 1,217	2,060	0		Within Groups Total	102,976 103,595	76 78	1,355			
	Total	79	1,54	1,152	0,208	1,217	1,802	0		1 Olai	103,393	70				
cont	in progress	18	1,06	0,416	0.098	0,849	1,263	0		Between Groups	1,634	2	0,817	2 251	0,112	0,056
COIT	Ost	26	0,77	0,652	0,128	0,506	1,032	0		2 Within Groups	28,317	78	0,363	2,201	0,112	0,000
	graduated	37	1,08	0,640	0,105	0,868	1,295	0		2 Total	29,951	80	0,000			
	Total	81	0,98	0,612	0,068	0,840	1,111	0			20,001	- 00				
intens	in progress	17	1,35	0,702	0,170	0,992	1,714	0		2 Between Groups	0.191	2	0.095	0.223	0,801	0,400
II KONO	Ost	28	1,36	0,678	0,128	1,094	1,620	0		2 Within Groups	32,997	77	0,429	U,LLU	0,001	0,100
	graduated	35	1,26	0,611	0,103	1,047	1,467	0		2 Total	33,188	79	7,			
	Total	80	1,31	0,648	0,072	1,168	1,457	0		2						
no_int	in progress	17	0,59	0,507	0,123	0,327	0,849	0		1 Between Groups	0,311	2	0,155	0,400	0,672	0,336
	Ost	28	0,75	0,645	0,122	0,500	1,000	0		2 Within Groups	30,665	79	0,388			
	graduated	37	0,73	0,652	0,107	0,512	0,947	0	- 2	2 Total	30,976	81				
	Total	82	0,71	0,618	0,068	0,571	0,843	0	- 2	2						
inspir	in progress	13	0,85	0,555	0,154	0,511	1,181	0	- 1	2 Between Groups	0,414	2	0,207	0,392	0,677	0,339
	Ost	24	0,71	0,806	0,165	0,368	1,049	0		2 Within Groups	36,956	70	0,528			
	graduated	36	0,64	0,723	0,121	0,394	0,884	0		2 Total	37,370	72				
	Total	73	0,70	0,720	0,084	0,531	0,867	0		2						
interest	in progress	16	1,56	0,512	0,128	1,289	1,836	1		2 Between Groups	1,486	2	0,743	2,761	0,069	0,035
	Ost	27	1,19	0,483	0,093	0,994	1,376	0		2 Within Groups	20,714	77	0,269			
	graduated	37	1,38	0,545	0,090	1,197	1,560	0		2 Total	22,200	79				
<u> </u>	Total	80	1,35	0,530	0,059	1,232	1,468	0		2		با			0.04-	
allot	in progress	16	1,31	0,704	0,176	0,937	1,688	0		2 Between Groups	0,163	2	0,082	0,221	0,802	0,401
	Ost	27	1,19	0,557	0,107	0,965	1,406	0		2 Within Groups	27,683	75	0,369			
	graduated	35	1,23	0,598	0,101	1,023	1,434	0		2 Total	27,846	77				
an internal	Total	78 16	1,23	0,601	0,068	1,095 1,225	1,366	1		2 Detween Crowns	1,207	_	0.004	1,859	0.400	0.004
mutual	in progress Ost	27	1,50	0,516 0,557	0,129 0.107	0,965	1,775 1,406	0		Between Groups		77	0,604	1,859	0,163	0,081
		37	1,19	0,597	0,107	1,206	1,406	0		2 Within Groups 2 Total	24,993 26,200	79	0,325			
	graduated Total	80	1,35	0,599	0,098	1,200	1,478	0		2 10(a)	20,200	19				$\vdash$
ensur	in progress	16	1,25	0,683	0,064	0,886	1,614	0		2 Between Groups	0,202	2	0.101	0.221	0.802	0,401
CHOUL	Ost	26	1,15	0,675	0,171	0,881	1,426	0		2 Within Groups	33,927	74	0,101	0,221	0,002	0,401
	graduated	35	1,11	0,676	0,132	0,882	1,347	0		2 Total	34,130	76	0,430			
	Total	77	1,16	0,670	0,076	1,004	1,308	0		2	04,100	70				
rec d	in progress	15	1,47	0,915	0,236	0,960	1,974	0		2 Between Groups	0.417	2	0,209	0,262	0,771	0,385
	Ost	24	1,58	0,830	0,169	1,233	1,934	0		2 Within Groups	55,802	70	0,797		4,	-,,,,,,
	graduated	34	1,41	0,925	0.159	1,089	1,735	0		2 Total	56,219	72				
	Total	73	1,48	0,884	0,103	1,273	1,686	0	- 2	2						
tel	in progress	15	1,33	0,976	0,252	0,793	1,874	0	- 2	2 Between Groups	1,170	2	0,585	0,610	0,546	0,273
	Ost	26	1,38	0,941	0,185	1,004	1,765	0	- 2	2 Within Groups	69,017	72	0,959			
	graduated	34	1,12	1,008	0,173	0,766	1,469	0	- 2	2 Total	70,187	74				
	Total	75	1,25	0,974	0,112	1,029	1,477	0	- 2	2						
letter	in progress	14	0,71	0,994	0,266	0,140	1,288	0		2 Between Groups	0,646	2	0,323	0,363	0,697	0,349
	Ost	25	0,72	0,980	0,196	0,316	1,124	0		2 Within Groups	62,368	70	0,891			
	graduated	34	0,53	0,896	0,154	0,217	0,842	0		2 Total	63,014	72				
	Total	73	0,63	0,936	0,109	0,412	0,848	0		2		ш				
acquaint	in progress	17	1,41	0,939	0,228	0,929	1,895	0		2 Between Groups	2,536	2	1,268	1,987	0,144	0,072
	Ost	26	1,85	0,543	0,107	1,627	2,066	0		2 Within Groups	48,502	76	0,638	<u> </u>		lacksquare
	graduated	36	1,50	0,878	0,146	1,203	1,797	0		2 Total	51,038	78		<u> </u>		<u> </u>
	Total	79	1,59	0,809	0,091	1,414	1,776	0		-	0.001	_	0.000	0.051	0.050	0.475
person	in progress	15	1,60	0,828	0,214	1,141	2,059	0		Between Groups	0,061	2	0,030	0,051	0,950	0,475
	Ost	25 35	1,68	0,748	0,150	1,371	1,989	0		Within Groups	42,926	72 74	0,596	$\vdash$		$\vdash$
	graduated Total	75	1,65	0,765 0,762	0,129 0.088	1,394 1,478	1,920 1,829	0		2 Total	42,987	74		<del>                                     </del>	-	$\vdash$
shared r	in progress	16	1,00	1,033	0,088	0,450	1,550	0		2 Between Groups	1.357	2	0.678	0.704	0.498	0.249
JIIai Bu_l	Ost	26	0,77	0,992	0,258	0,450	1,170	0		2 Within Groups	70,380	73	0,878	0,704	0,490	0,249
<b>-</b>	graduated	34	0,77	0,950	0,193	0,366	0.978	0		2 Total	71,737	75	0,904			$\vdash$
-	Total	76	0,05	0,930	0,103	0,540	0,978	0		2	11,131	13				$\vdash$
d red	in progress	11	1.09	1.044	0,112	0,340	1.793	0		2 Between Groups	1.151	2	0.575	0.658	0.522	0.261
<u></u>	Ost	21	1,43	0.926	0,202	1.007	1,850	0		Within Groups	54.234	62	0,875	3,500	0,022	0,201
	graduated	33	1,45	0,920	0,202	1,134	1,775	0		2 Total	55,385	64	0,070			
	Total	65	1,38	0,930	0,115	1,154	1,615	0		2	00,000					
approach	in progress	14	1,43	0,938	0,251	0,887	1,970	0		2 Between Groups	1.890	2	0,945	0.977	0,381	0,191
	Ost	24	1,00	1,022	0,209	0,569	1,431	0		2 Within Groups	68,651	71	0,967	,,,,,,	2,23,	2,.21
	graduated	36	1,28	0,974	0,162	0,948	1,607	0		2 Total	70,541	73	2,201			
	Total	74	1,22	0,983	0,114	0,988	1,444	0		2	-,					

	PT MD	N 89	Mean	Std. Deviation	Std. Error	95% C	(Mean)	Minimum	Maximum	ANOVA					
		90				Lower Bound	Upper Bound				Sum of Squares	df	Mean Square	F	Sig
c_s_orth			2002,47	2,955	0,313	2001,85	2003,09	1996		Between Groups	0,007	1	0,007	0,001	0,978
c_s_orth	Total	10 99	2002,50 2002,47	3,375 2,981	1,067 0,300	2000,09 2001,88	2004,91 2003,07	1997 1996	2007 2008	Within Groups Total	870,680 870,687	97 98	8,976		
<del>                                     </del>	PT MD	64	2,67 2,29	0,927 0,951	0,116	2,44 1,41	2,90 3,17	1		Between Groups Within Groups	0,941 59,538	69	0,941	1,090	0,300
	Total	71	2,63	0,930	0,110	2,41	2,85	1	4	Total	60,479	70			
c_s_surg	PT MD	52 6	1,33 1,83	1,150 1,329	0,159 0,543	1,01 0,44	1,65 3,23	0		Between Groups Within Groups	1,380 76,276	1 56	1,380 1,362	1,013	0,319
	Total	58	1,38	1,167	0,153	1,07	1,69	0	4	Total	77,655	57		0.602	0.400
c_s_cas	PT MD	56 5	1,91 2,40	1,240 1,517	0,166 0,678	1,58 0,52	2,24 4,28	0	4	Between Groups Within Groups	1,099 93,754	59	1,099 1,589	0,692	0,409
c_s_neur	Total PT	61 59	1,95 1,75	1,257 1,076	0,161 0,140	1,63 1,47	2,27 2,03	0		Total Between Groups	94,852 0,951	60	0,951	0,776	0,382
c_s_neur	MD	5	2,20	1,483	0,663	0,36	4,04	0	4	Within Groups	75,986	62	1,226	0,770	0,302
c_s_rad	Total PT	64 47	1,78 0,68	1,105 1,086	0,138 0,158	1,51 0,36	2,06 1,00	0		Total Between Groups	76,938 11,746	63	11,746	9,502	0,003
	MD	6 53	2,17	1,329	0,543	0,77 0,52	3,56	0	4	Within Groups	63,046	51	1,236		
c_s_ped	Total PT	56	0,85 1,79	1,199 1,202	0,165 0,161	1,46	1,18 2,11	0	4	Total Between Groups	74,792 0,286	1	0,286	0,205	0,653
	MD Total	7 63	1,57	0,976 1,174	0,369 0,148	0,67 1,47	2,47 2.06	0	3	Within Groups Total	85,143 85,429	62	1,396		
c_s_gyn	PT	54	1,81	1,150	0,157	1,50	2,13	0		Between Groups	0,367	1	0,367	0,285	0,595
	MD Total	61	1,57 1,79	0,976 1,127	0,369 0,144	0,67 1,50	2,47 2,08	0		Within Groups Total	75,862 76,230	59 60	1,286		
c_s_GP	PT MD	72 9	3,13 2,44	0,887 1,014	0,105 0,338	2,92 1,67	3,33 3,22	1		Between Groups	3,705	1 79	3,705 0,811	4,567	0,036
	Total	81	3,05	0,921	0,338	2,85	3,25	1		Within Groups Total	64,097 67,802	80			
all_no_c	PT MD	70 10	2,50 1,30	0,974 0,823	0,116 0,260	2,27 0,71	2,73 1,89	0		Between Groups Within Groups	12,600 71,600	78	12,600 0,918	13,726	0,000
	Total	80	2,35	1,032	0,115	2,12	2,58	0	4	Total	84,200	79		4.1.000	0.000
secur	PT MD	68 6	2,69 0,83	1,175 0,753	0,142 0,307	2,41 0,04	2,98 1,62	0	2	Between Groups Within Groups	19,030 95,348	72	19,030 1,324	14,370	0,000
exch	Total PT	74 71	2,54 1,89	1,252 1,022	0,146 0,121	2,25 1,65	2,83 2,13	0	4	Total Between Groups	114,378 1,710	73		1.587	0,212
excii	MD	8	2,38	1,188	0,420	1,38	3,37	1	4	Within Groups	82,974	77	1,078	1,367	0,212
feedb	Total PT	79 73	1,94 2,03	1,042 1,130	0,117 0,132	1,70 1,76	2,17 2,29	0		Total Between Groups	84,684 1,964	78 1	1,964	1,616	0,207
recub	MD	10	2,50	0,850	0,269	1,89	3,11	1	4	Within Groups	98,445	81	1,215	1,010	0,207
diff_dia	Total PT	83 71	2,08 2,15	1,107 0,995	0,121 0,118	1,84 1,92	2,33 2,39	0		Total Between Groups	100,410 0,254	82	0,254	0,263	0,609
	MD Total	9 80	2,33	0,866 0,978	0,289 0,109	1,67	3,00 2,39	1	4	Within Groups Total	75,296 75,550	78 79	0,965		
issue	PT	68	1,68	1,165	0,141	1,39	1,96	0		Between Groups	0,832	19	0,832	0,606	0,439
	MD Total	9 77	2,00 1,71	1,225 1,168	0,408	1,06 1,45	2,94 1,98	0		Within Groups Total	102,882 103,714	75 76	1,372		$\vdash$
succ	PT	67	1,45	1,105	0,135	1,18	1,72	0	4	Between Groups	0,225	1	0,225	0,174	0,678
	MD Total	75	1,63 1,47	1,408 1,131	0,498 0,131	0,45 1,21	2,80 1,73	0		Within Groups Total	94,442 94,667	73 74	1,294		
probl	PT MD	72 8	2,32 2,00	0,947 0,926	0,112 0,327	2,10 1,23	2,54 2,77	0		Between Groups Within Groups	0,735 69,653	1 78	0,735 0,893	0,823	0,367
	Total	80	2,29	0,944	0,106	2,08	2,50	0	4	Total	70,388	79			
I_via_p	PT MD	69 7	1,88 2,00	1,051 1,291	0,126 0,488	1,63 0,81	2,14 3,19	0		Between Groups Within Groups	0,085 85,072	74	0,085	0,074	0,786
	Total	76	1,89	1,066	0,122	1,65	2,14	0	4	Total	85,158	75		0.001	0.075
C_via_p	PT MD	70 9	1,54 1,56	1,200 0,726	0,143 0,242	1,26 1,00	1,83 2,11	0	2	Between Groups Within Groups	0,001 103,594	77		0,001	0,975
cont	Total PT	79 73	1,54 0,93	1,152 0,608	0,130 0,071	1,29 0,79	1,80 1,07	0		Total Between Groups	103,595 1,418	78 1	1,418	3,926	0.051
	MD	8	1,38	0,518	0,183	0,94	1,81	1	2	Within Groups	28,533	79	0,361	.,,	.,
intens	Total PT	81 72	0,98 1,35	0,612 0,632	0,068 0,074	0,84 1,20	1,11 1,50	0		Total Between Groups	29,951 0,868	80	0,868	2,095	0,152
	MD Total	80 80	1,00 1,31	0,756 0,648	0,267 0.072	0,37 1.17	1,63 1.46	0		Within Groups Total	32,319 33,188	78 79	0,414		
no_int	PT	73	0,75	0,619	0,072	0,61	0,90	0	2	Between Groups	1,414	1	1,414	3,826	0,054
	MD Total	9 82	0,33 0,71	0,500 0,618	0,167 0,068	-0,05 0,57	0,72 0,84	0		Within Groups Total	29,562 30,976	80			
inspir	PT	65	0,68	0,731	0,091	0,50	0,86	0		Between Groups	0,279	1	0,279	0,535	0,467
	MD Total	73	0,88 0,70	0,641 0,720	0,227 0,084	0,34 0,53	1,41 0,87	0	2	Within Groups Total	37,090 37,370	71 72			
interest	PT MD	71	1,34 1,44	0,533 0,527	0,063 0,176	1,21 1,04	1,46 1,85	0	2	Between Groups Within Groups	0,090 22,110	1 78	0,090	0,319	0,574
	Total	80	1,35	0,530	0,059	1,23	1,47	0	2	Total	22,200	79		0.010	
allot	MD MD	71	1,23 1,29	0,590 0,756	0,070	0,59	1,37	0	2	Within Groups	0,023 27,823	76	0,023	0,063	0,802
mutual	Total PT	78 71	1,23 1,32	0,601 0,580	0,068 0,069	1,10 1,19	1,37 1,46	0		Total Between Groups	27,846 0,428	77	0,428	1,297	0,258
	MD	9	1,56	0,527	0,176	1,15	1,96	1	2	Within Groups	25,772	78	0,330	1,271	0,230
ensur	Total PT	80 70	1,35 1,19	0,576 0,666	0,064	1,22 1,03	1,48 1,34	0		Total Between Groups	26,200 0,687	79 1		1,541	0,218
	MD Total	7	0,86 1,16	0,690 0,670	0,261	0,22 1,00	1,50 1,31	0		Within Groups Total	33,443 34,130	75 76	0,446	,	戸
rec_d	PT	67	1,46	0,893	0,109	1,24	1,68	0		Between Groups	0,229	1	0,229	0,291	0,592
	MD Total	73	1,67 1,48	0,816 0,884	0,333 0,103	0,81 1,27	2,52 1,69	0		Within Groups Total	55,990 56,219	71			
tel	PT	67	1,25	0,975	0,119	1,02	1,49	0	2	Between Groups	0,000	1	0,000	0,000	0,992
	MD Total	75	1,25 1,25	1,035 0,974	0,366 0,112	0,38 1,03	2,12 1,48	0		Within Groups Total	70,187 70,187	73 74	0,961		
letter	PT MD	66 7	0,67 0,29	0,950 0,756	0,117 0,286	0,43 -0,41	0,90 0,98	0	2	Between Groups Within Groups	0,918 62,095	71	0,918 0,875	1,050	0,309
	Total	73	0,63	0,936	0,109	0,41	0,85	0	2	Total	63,014	72			
acquaint	PT MD	70 9	1,57 1,78	0,827 0,667	0,099	1,37 1,27	1,77 2,29	0		Between Groups Within Groups	0,340 50,698	77	0,340	0,516	0,475
	Total	79	1,59	0,809	0,091	1,41	1,78	0	2	Total	51,038	78	3	0.07	
person	PT MD	68 7	1,65 1,71	0,768 0,756	0,093 0,286	1,46 1,02	1,83 2,41	0	2	Between Groups Within Groups	0,029 42,958	73	0,029	0,049	0,826
shared_r	Total PT	75 67	1,65 0,78	0,762 0,982	0,088 0,120	1,48 0,54	1,83 1,02	0		Total Between Groups	42,987 0,095	74		0,098	0,755
мшси_Г	MD	9	0,67	1,000	0,333	-0,10	1,44	0	2	Within Groups	71,642	74	0,968	0,098	0,/33
d_red	Total PT	76 58	0,76 1,34	0,978 0,947	0,112 0,124	0,54 1,10	0,99 1,59	0		Total Between Groups	71,737 0,853	75 1	0,853	0,985	0,325
	MD	7	1,71	0,756	0,286	1,02	2,41	0	2	Within Groups	54,532	63	0,866	.,,,,,,,	
approach	Total PT	65 66	1,38 1,18	0,930 0,991	0,115 0,122	1,15 0,94	1,62 1,43	0		Total Between Groups	55,385 0,722	64 1	0,722	0,745	0,391
	MD Total	8 74	1,50 1,22	0,926 0,983	0,327 0,114	0,73 0,99	2,27 1,44	0	2	Within Groups Total	69,818 70,541	72 73	0,970		$\vdash$
4	PT	90	0,83	0,375	0,040	0,75	0,91	0	1	Between Groups	0,056	1	0,056	0,415	0,521
c_gen	MD	11	0,91	0,302	0,091	0,71 0,77	1,11 0,91	0		Within Groups Total	13,409 13,465	99 100			

	Descriptives	1			1	I	1		1		1		1		
	Descriptives	N	Mean	Std. Deviation	Std. Error		(Mean)	Minimum	Maximum	ANOVA					
finish	no	83	2002,49	3,042	0,334	Lower Bound 2001,83	Upper Bound 2003,16	1996	2008	Between Groups	Sum of Squares 0,190	df 1	Mean Square 0,190	0,021	Sig. 0,885
	yes Total	16 99		2,729 2,981	0,682	2000,92 2001,88	2003,83 2003,07	1996 1996	2005 2008	Within Groups Total	870,497 870,687	97 98	8,974		
c_s_orth	no	60	2,57	0,909	0,117	2,33	2,80	1990	4	Between Groups	1,746	1	1,746	2,051	0,157
	yes Total	71	3,00 2,63	1,000 0,930	0,302 0,110	2,33 2,41	3,67 2,85	1	4	Within Groups Total	58,733 60,479	69 70	0,851		
c_s_surg	no ves	50	1,30 1,88	1,147 1,246	0,162 0,441	0,97 0,83	1,63 2,92	0	4	Between Groups Within Groups	2,280 75,375	1 56	2,280 1,346	1,694	0,198
	Total	58	1,38	1,167	0,153	1,07	1,69	0	4	Total	77,655	57			
c_s_cas	no ves	51 10	1,90 2,20	1,285 1,135	0,180	1,54 1,39	2,26 3,01	0		Between Groups Within Groups	0,743 94,110	1 59		0,466	0,498
	Total	61	1,95	1,257	0,161	1,63	2,27	0	4	Total	94,852	60		0.012	0.014
c_s_neur	no yes	52 12	1,79 1,75	1,126 1,055	0,156 0,305	1,47 1,08	2,10 2,42	0	4	Between Groups Within Groups	0,014 76,923	62	0,014 1,241	0,012	0,914
c_s_rad	Total no	64 44	1,78 0,82	1,105 1,187	0,138 0,179	1,51 0,46	2,06 1,18	0	4	Total Between Groups	76,938 0,247	63	0,247	0,169	0,683
c_s_rad	yes	9	1,00	1,323	0,441	-0,02	2,02	0	3	Within Groups	74,545	51	1,462	0,10)	0,003
c_s_ped	Total no	53	0,85 1,77	1,199 1,171	0,165 0,161	0,52 1,45	1,18 2,10	0	4	Total Between Groups	74,792 0,046	52	0,046	0,033	0,857
	yes Total	10 63	1,70 1,76	1,252 1,174	0,396 0,148	0,80 1,47	2,60 2,06	0	4	Within Groups Total	85,383 85,429	61	1,400		
c_s_gyn	no	52	1,77	1,165	0,162	1,44	2,09	0	4	Between Groups	0,110	1	0,110	0,085	0,771
	yes Total	61	1,89	0,928 1,127	0,309	1,18 1,50	2,60 2,08	1 0		Within Groups Total	76,120 76,230	59 60	1,290		
c_s_GP	no	69 12	3,06	0,938 0,853	0,113 0,246	2,83 2,46	3,28 3,54	1	4	Between Groups	0,034	1 79	0,034 0,858	0,040	0,842
	yes Total	81	3,00 3,05	0,833	0,246	2,46	3,34	1	4	Within Groups Total	67,768 67,802	80	0,030		
all_no_c	no yes	66 14	2,35 2,36	1,045 1,008	0,129 0,269	2,09 1,78	2,61 2,94	0	4	Between Groups Within Groups	0,001 84,199	78	0,001 1,079	0,001	0,977
	Total	80	2,35	1,032	0,115	2,12	2,58	0		Total	84,200	79		0.01	0.000
secur	no yes	62 12	2,55 2,50	1,302 1,000	0,165 0,289	2,22 1,86	2,88 3,14	0		Between Groups Within Groups	0,024 114,355	72	0,024 1,588	0,015	0,903
exch	Total no	74 66	2,54 1,91	1,252 1,048	0,146 0,129	2,25 1,65	2,83 2,17	0	4	Total Between Groups	114,378 0,306	73	0,306	0,279	0,599
DACH .	yes	13	2,08	1,038	0,288	1,45	2,70	1	4	Within Groups	84,378	77	1,096	0,219	3,333
feedb	Total no	79 69	1,94 2,06	1,042 1,097	0,117 0,132	1,70 1,79	2,17 2,32	0	4	Total Between Groups	84,684 0,284	78 1	0,284	0,230	0,633
	yes Total	14	2,21	1,188 1,107	0,318 0,121	1,53	2,90 2,33	0	4	Within Groups Total	100,125 100,410	81	1,236	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
diff_dia	no	66	2,08	0,937	0,115	1,84	2,33	0	4	Between Groups	0,520	82	0,520	0,540	0,465
	yes Total	14 80	2,00	1,177 0,978	0,314	1,32 1,96	2,68 2,39	0	4	Within Groups Total	75,030 75,550	78 79	0,962		
issue	no	63	1,84	1,139	0,143	1,55	2,13	0	4	Between Groups	5,587	1	5,587	4,270	0,042
	yes Total	14 77	1,14 1,71	1,167 1,168	0,312 0,133	0,47 1,45	1,82 1,98	0	3	Within Groups Total	98,127 103,714	75 76	1,308		
succ	no ves	62 13	1,55	1,082 1,320	0,137 0,366	1,27 0,28	1,82 1,87	0	4	Between Groups Within Groups	2,389 92,278	73	2,389 1,264	1,890	0,173
	Total	75	1,47	1,131	0,131	1,21	1,73	0	4	Total	94,667	74			
probl	no yes	66 14	2,27	0,937 1,008	0,115 0,269	2,04 1,78	2,50 2,94	0	4	Between Groups Within Groups	0,082 70,305	78	0,082 0,901	0,091	0,763
I_via_p	Total no	63	2,29 1,87	0,944 1,085	0,106 0,137	2,08 1,60	2,50 2,15	0		Total Between Groups	70,388 0,174	79 1	0,174	0,151	0,698
1_via_p	yes	13	2,00	1,000	0,277	1,40	2,60	0		Within Groups	84,984	74		0,131	0,098
C_via_p	Total no	76 66	1,89 1,55	1,066 1,153	0,122 0,142	1,65 1,26	2,14 1,83	0	4	Total Between Groups	85,158 0,001	75 1	0,001	0,000	0,984
	yes	13	1,54	1,198	0,332	0,81	2,26	0	4	Within Groups	103,594	77	1,345		
cont	Total no	79 67	1,54 0,99	1,152 0,590	0,130 0,072	1,29 0,84	1,80 1,13	0	2	Total Between Groups	103,595 0,037	78 1	0,037	0,098	0,756
	yes Total	14 81	0,93	0,730 0,612	0,195 0,068	0,51 0,84	1,35 1,11	0	2	Within Groups Total	29,914 29,951	79 80	0,379		
intens	no	66	1,30	0,632	0,078	1,15	1,46	0	2	Between Groups	0,034	1	0,034	0,080	0,779
	yes Total	14 80	1,36 1,31	0,745 0,648	0,199 0,072	0,93 1,17	1,79 1,46	0	2	Within Groups Total	33,154 33,188	78 79	0,425		
no_int	no yes	68 14	0,72	0,595 0,745	0,072 0,199	0,58 0,21	0,86 1,07	0	2	Between Groups Within Groups	0,070 30,905	80	0,070 0,386	0,182	0,671
	Total	82	0,71	0,618	0,068	0,57	0,84	0		Total	30,976	81			
inspir	no yes	61 12	0,74	0,728 0,674	0,093 0,195	0,55 0,07	0,92 0,93	0	2	Between Groups Within Groups	0,567 36,803	71	0,567 0,518	1,093	0,299
interest	Total no	73 67	0,70 1,33	0,720 0,533	0,084	0,53 1,20	0,87 1,46	0	2	Total Between Groups	37,370 0,193	72	0,193	0,684	0,411
interest	yes	13	1,46	0,519	0,144	1,15	1,78	1	2	Within Groups	22,007	78	0,282	0,004	0,411
allot	Total no	65	1,35 1,23	0,530 0,606	0,059 0,075	1,23 1,08	1,47 1,38	0	2	Total Between Groups	22,200 0,000	79 1		0,000	1,000
	yes Total	13 78	1,23 1,23	0,599 0,601	0,166 0,068	0,87 1,10	1,59 1,37	0	2	Within Groups Total	27,846 27,846	76 77			
mutual	no	67	1,37	0,546	0,067	1,24	1,51	0	2	Between Groups	0,221	1	0,221	0,663	0,418
	yes Total	13 80	1,23 1,35	0,725 0,576	0,201 0,064	0,79 1,22	1,67 1,48	0	2	Within Groups Total	25,979 26,200	78 79	0,333		
ensur	no yes	65	1,14 1,25	0,682 0,622	0,085 0,179	0,97 0,86	1,31 1,64	0		Between Groups Within Groups	0,126 34,004	1 75	0,126 0,453	0,278	0,600
	Total	77	1,16	0,670	0,076	1,00	1,31	0	2	Total	34,130	76			
rec_d	no yes	59 14	1,53 1,29	0,858 0,994	0,112 0,266	1,30 0,71	1,75 1,86	0	2	Between Groups Within Groups	0,650 55,569	71	0,650 0,783	0,831	0,365
tel	Total	73 63	1,48 1,30	0,884 0,961	0,103 0,121	1,27 1,06	1,69 1,54	0	2	Total Between Groups	56,219 0,917	72	0,917	0,966	0,329
(C)	no yes	12	1,00	1,044	0,302	0,34	1,66	0	2	Within Groups	69,270	73	0,949	0,900	0,329
letter	Total no	75 61	1,25 0,72	0,974 0,968	0,112 0,124	1,03 0,47	1,48 0,97	0		Total Between Groups	70,187 3,085	74 1	3,085	3,655	0,060
	yes Total	12 73	0,17	0,577 0,936	0,167 0,109	-0,20 0,41	0,53 0,85	0	2	Within Groups	59,929 63,014	71	0,844		
acquaint	no	66	1,58	0,824	0,101	1,37	1,78	0	2	Total Between Groups	0,148	1	0,148	0,223	0,638
<u> </u>	yes Total	13 79	1,69 1,59	0,751 0,809	0,208	1,24 1,41	2,15 1,78	0	2	Within Groups Total	50,890 51,038	77 78	0,661		
person	no ves	63	1,59	0,816 0,000	0,103	1,38 2,00	1,79 2,00	0	2	Between Groups	1,717 41,270	73		3,037	0,086
	Total	75	1,65	0,762	0,088	1,48	1,83	0	2	Within Groups Total	42,987	74			
shared_r	no yes	62 14	0,55	0,899 0,726	0,114 0,194	0,32 1,29	0,78 2,13	0	2	Between Groups Within Groups	15,525 56,212	74	15,525 0,760	20,438	0,000
4 4	Total	76	0,76	0,978	0,112	0,54	0,99	0	2	Total	71,737	75		0.22	0.620
d_red	no yes	53 12	1,36 1,50	0,942 0,905	0,129 0,261	1,10 0,93	1,62 2,07	0		Between Groups Within Groups	0,196 55,189	63		0,224	0,638
approach	Total no	65 61	1,38 1,21	0,930 0,985	0,115 0,126	1,15 0,96	1,62 1,47	0	2	Total Between Groups	55,385 0,003	64	0,003	0,003	0,954
-FP-Cacil	yes	13	1,23	1,013	0,281	0,62	1,84	0	2	Within Groups	70,537	72		0,000	5,754
c_gen	Total no	74 85	1,22 0,84	0,983 0,373	0,114 0,040	0,99 0,75	1,44 0,92	0	1	Total Between Groups	70,541 0,021	73 1	0,021	0,156	0,693
	yes Total	16 101	0,88 0,84	0,342 0,367	0,085 0,037	0,69 0,77	1,06 0,91	0		Within Groups Total	13,444 13,465	99 100			
	ı Utai	101	0,04	0,30/	0,037	0,//	0,91	0	1	ı otai	13,403	100			

Mean	Std. Deviation	Std. Error	95% CI	(Mean)	Minimum	Maximum	ANOVA			1		1
2002,00	2,517	0,951	Lower Bound 1999,67		2000	2005	Between Groups	Sum of Squares 1,698	df 1	Mean Square 1,698	F 0,190	Sig. 0,664
2002,51	3,022	0,315	2001,89	2003,14	1996	2008	Within Groups	868,989	97	8,959	0,190	0,004
2,80	2,981 1,304	0,300 0,583	2001,88 1,18	2003,07 4,42	1996 1	2008		870,687 0,149	98 1	0,149	0,170	0,681
2,62	0,907 0,930	0,112 0,110	2,40 2,41	2,84 2,85	1	4	Within Groups Total	60,330 60,479	69 70	0,874		
2,40	1,140	0,510	0,98	3,82	1	4	Between Groups	5,700	1	5,700	4,436	0,040
1,28	1,133 1,167	0,156 0,153	0,97 1,07	1,60 1,69	0		Within Groups Total	71,955 77,655	56 57	1,285		_
2,60 1,89	0,894 1,275	0,400 0,170	1,49 1,55	3,71 2,23	2	4	Between Groups	2,295 92,557	1 59	2,295 1,569	1,463	0,231
1,95	1,257	0,161	1,63	2,27	0		Total	94,852	60	·		
1,40	0,548 1,137	0,245	0,72 1,52	2,08 2,11	0	2	Between Groups Within Groups	0,788 76,149	62	0,788 1,228	0,642	0,426
1,78	1,105	0,138	1,51	2,06	0	4	Total	76,938	63	·	0.262	0.550
0,50 0,88	1,000 1,218	0,500 0,174	-1,09 0,53	2,09 1,23	0		Between Groups Within Groups	0,527 74,265	51	0,527 1,456	0,362	0,550
0,85 1,25	1,199 1,258	0,165	0,52 -0,75	1,18 3,25	0		Total Between Groups	74,792 1,119	52	1,119	0,810	0,372
1,80	1,171	0,152	1,49	2,10	0	4	Within Groups	84,309	61	1,382	0,010	0,572
1,76 2,20	1,174 1,095	0,148 0,490	1,47 0,84	2,06 3,56	0		Between Groups	85,429 0,930	62	0,930	0,728	0,397
1,75	1,132 1,127	0,151 0,144	1,45 1.50	2,05 2,08	0		Within Groups Total	75,300 76,230	59 60	1,276		
3,60	0,548	0,245	2,92	4,28	3	4	Between Groups	1,616	1	1,616	1,928	0,169
3,01	0,931 0,921	0,107 0,102	2,80 2,85	3,23 3,25	1		Within Groups Total	66,187 67,802	79 80	0,838		
2,00	1,414 1,003	0,577 0,117	0,52 2,15	3,48 2,61	0			0,795 83,405	1 78	0,795 1,069	0,743	0,391
2,35	1,032	0,115	2,12	2,58	0	4	Total	84,200	79			
2,40	1,140 1,266	0,510 0,152	0,98 2,25	3,82 2,85	0			0,106 114,272	72	0,106 1,587	0,067	0,797
2,54 1,80	1,252	0,146 0,490	2,25 0,44	2,83	0	4	Total	114,378	73 1	0,100	0,091	0,764
1,95	1,095 1,045	0,122	1,70	3,16 2,19	0	4		0,100 84,584	77	1,098	0,091	0,704
1,94 2,67	1,042 1,033	0,117 0,422	1,70 1,58	2,17 3,75	0		Total Between Groups	84,684 2,193	78 1	2,193	1,809	0,182
2,04	1,106	0,126	1,79	2,29	0	4	Within Groups	98,216	81	1,213	-,00	0,100
2,08 2,17	1,107 0,753	0,121 0,307	1,84 1,38	2,33 2,96	0		Total Between Groups	100,410 0,000	82 1	0,000	0,000	0,983
2,18	0,998 0,978	0,116	1,94 1,96	2,41 2,39	0		Within Groups Total	75,550 75,550	78 79	0,969		
1,17	1,472	0,601	-0,38	2,71	0	3	Between Groups	1,951	1	1,951	1,438	0,234
1,76 1,71	1,140 1,168	0,135 0,133	1,49 1,45	2,03 1,98	0		Within Groups Total	101,763 103,714	75 76	1,357		
2,00 1,42	1,414 1,104	0,577 0,133	0,52 1,16	3,48 1,69	0			1,855 92,812	73	1,855 1,271	1,459	0,231
1,47	1,131	0,131	1,21	1,73	0	4	Total	94,667	74	·		
2,33 2,28	1,033 0,944	0,422 0,110	1,25 2,07	3,42 2,50	0	4		0,014 70,374	78	0,014 0,902	0,015	0,903
2,29 1,40	0,944 0,894	0,106 0,400	2,08 0,29	2,50 2,51	0		Total Between Groups	70,388 1,310	79 1	1 210	1,156	0.286
1,93	1,073	0,127	1,68	2,18	0	4	Within Groups	83,848	74	1,133	1,150	0,200
1,89	1,066 0,837	0,122 0,374	1,65 0,16	2,14 2,24	0		Total Between Groups	85,158 0,633	75 1	0,633	0,473	0,494
1,57 1,54	1,171 1,152	0,136 0,130	1,30 1,29	1,84 1,80	0		Within Groups	102,962 103,595	77 78	1,337		
1,17	0,753	0,307	0,38	1,96	0	2		0,237	1	0,237	0,631	0,429
0,96	0,603 0,612	0,070	0,82 0,84	1,10 1,11	0		Within Groups Total	29,713 29,951	79 80	0,376		
1,17	0,983	0,401	0,13	2,20	0			0,138 33,050	1	0,138	0,326	0,570
1,32	0,622 0,648	0,072 0,072	1,18 1,17	1,47 1,46	0		Within Groups Total	33,188	78 79	0,424		
0,50	0,837 0,602	0,342	-0,38 0,59	1,38 0,86	0		Between Groups Within Groups	0,278 30,697	80	0,278 0,384	0,725	0,397
0,71	0,618	0,068	0,57	0,84	0	2	Total	30,976	81		0.021	0.005
0,75	0,957 0,713	0,479 0,086	-0,77 0,52	2,27 0,87	0		Between Groups Within Groups	0,011 37,359	71	0,011 0,526	0,021	0,885
0,70 1,60	0,720 0,548	0,084 0,245	0,53 0,92	0,87 2,28	0			37,370 0,333	72	0,333	1,189	0,279
1,33	0,528	0,061	1,21	1,45	0	2	Within Groups	21,867	78	0,280	1,107	0,277
1,35	0,530 0,548	0,059 0,245	1,23 0,92	1,47 2,28	0		Total Between Groups	22,200 0,728	79 1	0,728	2,041	0,157
1,21 1,23	0,600 0,601	0,070	1,07 1,10	1,35 1,37	0		Within Groups	27,118 27,846	76 77	0,357		
1,40	0,894	0,400	0,29	2,51	0	2	Between Groups	0,013	1	0,013	0,040	0,843
1,35 1,35	0,557 0,576	0,064 0,064	1,22 1,22	1,47 1,48	0			26,187 26,200	78 79	0,336		
1,20 1,15	0,837 0,664	0,374 0,078	0,16 1,00	2,24 1,31	0		Between Groups Within Groups	0,010 34,119	1 75	0,010 0,455	0,023	0,880
1,16	0,670	0,076	1,00	1,31	0	2	Total	34,130	76			0.0
0,67 1,55	1,033 0,840	0,422 0,103	-0,42 1,35	1,75 1,76	0		Between Groups Within Groups	4,319 51,900	71	4,319 0,731	5,908	0,018
1,48 1,50	0,884 1,000	0,103 0,500	1,27 -0,09	1,69 3,09	0	2		56,219 0,257	72 1	0,257	0,268	0,606
1,24	0,978	0,116	1,01	1,47	0	2	Within Groups	69,930	73	0,237	0,208	0,000
1,25 0,50	0,974 1,000	0,112 0,500	1,03 -1,09	1,48 2,09	0		Total Between Groups	70,187 0,072	74 1	0,072	0,081	0,777
0,64	0,939	0,113	0,41 0,41	0,86 0,85	0	2	Within Groups	62,942 63,014	71	0,887		
1,60	0,894	0,400	0,49	2,71	0	2	Between Groups	0,000	1	0,000	0,000	0,989
1,59	0,810 0,809	0,094	1,41 1,41	1,78 1,78	0		Within Groups Total	51,038 51,038	77 78	0,663		<u> </u>
2,00	0,000	0,000	2,00	2,00	2	2	Between Groups	0,508	1	0,508	0,873	0,353
1,63 1,65	0,779 0,762	0,088	1,45 1,48	1,82 1,83	0	2	Total	42,479 42,987	73 74	0,582		
1,67 0,69	0,816 0,956	0,333 0,114	0,81 0,46	2,52 0,91	0		Between Groups Within Groups	5,318 66,419	1 74	5,318 0,898	5,925	0,017
0,76	0,978	0,112	0,54	0,99	0	2	Total	71,737	75		2	0.1
0,80 1,43	1,095 0,909	0,490 0,117	-0,56 1,20	2,16 1,67	0		Between Groups Within Groups	1,851 53,533	63	1,851 0,850	2,179	0,145
1,38 1,20	0,930 1,095	0,115 0,490	1,15 -0,16	1,62 2,56	0	2	Total	55,385 0,001	64	0,001	0,001	0,970
1,22	0,983	0,118	0,98	1,45	0	2	Within Groups	70,539	72	0,980	0,001	5,710
1,22 0,86	0,983 0,378	0,114 0,143	0,99 0,51	1,44 1,21	0		Total Between Groups	70,541 0,002	73 1	0,002	0,013	0,908
0,84	0,368	0,038	0,77	0,92	0	1	Within Groups	13,464	99	0,136		
0,84	0,367	0,037	0,77	0,91	0	1 1	Total	13,465	100	l		

	Daganintinga		1	1			1				1	1	1		
	Descriptives	N	Mean	Std. Deviation	Std. Error		(Mean)	Minimum	Maximum	ANOVA					
finish	no	22	2001,41	2,384	0,508	Lower Bound 2000,35	Upper Bound 2002,47	1997	2007	Between Groups	Sum of Squares 32,122	df 1	Mean Square 32,122	F 3,716	Sig. 0,057
	yes	77	2002,78	3,076	0,351	2002,08	2003,48	1996	2008	Within Groups	838,565	97	8,645		
c_s_orth	Total no	99 12	2002,47 2,25	2,981 1,055	0,300	2001,88	2003,07 2,92	1996 1		Total Between Groups	870,687 2,127	98	2,127	2,515	0,117
	yes Total	59 71	2,71 2,63	0,892 0,930	0,116 0,110	2,48 2,41	2,94 2,85	1		Within Groups Total	58,352 60,479	69 70	0,846		
c_s_surg	no	13	1,23	1,166	0,323	0,53	1,94	0	3	Between Groups	0,370	1	0,370	0,268	0,607
-	yes Total	45 58	1,42 1,38	1,177 1,167	0,175 0,153	1,07 1,07	1,78 1,69	0		Within Groups Total	77,285 77,655	56 57			
c_s_cas	no	12	0,83	0,718	0,207	0,38	1,29	0	2	Between Groups	18,655	1	18,655	14,445	0,000
-	yes Total	49 61	2,22 1,95	1,212 1,257	0,173 0,161	1,88 1,63	2,57 2,27	0		Within Groups Total	76,197 94,852	59 60			
c_s_neur	no	13	1,77	1,092	0,303	1,11	2,43	0	3	Between Groups	0,002	1	0,002	0,002	0,965
-	yes Total	51 64	1,78 1,78	1,119 1,105	0,157 0,138	1,47 1,51	2,10 2,06	0		Within Groups Total	76,935 76,938	62			
c_s_rad	no	11	0,18	0,405	0,122	-0,09	0,45	0		Between Groups	6,180	1	6,180	4,594	0,037
	yes Total	42 53	1,02 0,85	1,278 1,199	0,197 0,165	0,63 0,52	1,42 1,18	0		Within Groups Total	68,613 74,792	51 52	1,345		
c_s_ped	no yes	12 51	1,42 1,84	1,240 1,155	0,358 0,162	0,63 1,52	2,20 2,17	0		Between Groups Within Groups	1,767 83,662	61	1,767 1,372	1,288	0,261
	Total	63	1,76	1,174	0,148	1,47	2,06	0	4	Total	85,429	62			
c_s_gyn	no yes	13 48	1,54 1,85	0,967 1,167	0,268 0,168	0,95 1,52	2,12 2,19	0		Between Groups Within Groups	1,020 75,210	1 59	1,020 1,275	0,800	0,375
	Total	61	1,79	1,127	0,144	1,50	2,08	0	4	Total	76,230	60			
c_s_GP	no yes	17 64	3,12 3,03	0,993	0,241	2,61 2,80	3,63 3,26	2		Between Groups Within Groups	0,100 67,702	79	0,100 0,857	0,117	0,733
	Total	81	3,05	0,921	0,102	2,85	3,25	1	4	Total	67,802	80		0.012	0.015
all_no_c	no yes	16 64	2,38 2,34	0,719 1,101	0,180 0,138	1,99 2,07	2,76 2,62	0		Between Groups Within Groups	0,013 84,188	78	0,013 1,079	0,012	0,915
	Total	80	2,35	1,032	0,115	2,12	2,58	0	4	Total	84,200	79		0.242	0.624
secur	no yes	13 61	2,38 2,57	1,387 1,231	0,385 0,158	1,55 2,26	3,22 2,89	0		Between Groups Within Groups	0,383 113,995	72	0,383 1,583	0,242	0,624
eych	Total	74 17	2,54 1,76	1,252 1,200	0,146 0,291	2,25 1,15	2,83 2,38	0		Total Between Groups	114,378 0,641	73	0,641	0,587	0,446
exch	no yes	62	1,98	1,000	0,127	1,73	2,24	0	4	Between Groups Within Groups	84,043	77	1,091	0,38/	0,440
feedb	Total no	79 17	1,94 1,76	1,042 1,147	0,117 0,278	1,70 1,17	2,17 2,35	0		Total Between Groups	84,684 2,184	78 1	2,184	1,801	0,183
recub	yes	66	2,17	1,090	0,134	1,90	2,43	0	4	Within Groups	98,225	81	1,213	1,001	0,103
diff dia	Total no	83 17	2,08	1,107 1,105	0,121	1,84 1,73	2,33 2,86	0		Total Between Groups	100,410 0,306	82	0,306	0.318	0,575
	yes	63	2,14	0,948	0,119	1,90	2,38	0	4	Within Groups	75,244	78		0,010	
issue	Total no	80 16	2,18 1,88	0,978 1,258	0,109	1,96 1,20	2,39 2,55	0		Total Between Groups	75,550 0,522	79 1	0,522	0,379	0,540
	yes	61	1,67	1,151	0,147	1,38	1,97	0	4	Within Groups	103,193	75	1,376		
succ	Total no	77 15	1,71 1,20	1,168 0,862	0,133 0,223	1,45 0,72	1,98 1,68	0		Total Between Groups	103,714 1,333	76 1	1,333	1,043	0,311
	yes Total	60 75	1,53 1,47	1,186	0,153 0,131	1,23 1,21	1,84 1,73	0		Within Groups	93,333 94,667	73 74			
probl	Total no	15	1,47	1,131 0,961	0,131	1,40	2,47	0		Total Between Groups	2,316	1	2,316	2,653	0,107
	yes Total	65 80	2,37 2,29	0,928 0,944	0,115 0,106	2,14 2,08	2,60 2,50	1 0		Within Groups Total	68,072 70,388	78 79			
I_via_p	no	16	1,81	1,167	0,292	1,19	2,43	0	4	Between Groups	0,137	- 1	0,137	0,119	0,731
	yes Total	60 76	1,92	1,046 1,066	0,135	1,65 1,65	2,19 2,14	0		Within Groups Total	85,021 85,158	74 75			
C_via_p	no	15	1,47	1,246	0,322	0,78	2,16	0	4	Between Groups	0,112	1	0,112	0,083	0,774
-	yes Total	64 79	1,56 1,54	1,139 1,152	0,142	1,28 1,29	1,85 1,80	0		Within Groups Total	103,483 103,595	77 78			
cont	no	17	1,06	0,748	0,181	0,67	1,44	0	2	Between Groups	0,150	1	0,150	0,398	0,530
	yes Total	64 81	0,95 0,98	0,575 0,612	0,072 0,068	0,81 0,84	1,10 1,11	0		Within Groups Total	29,801 29,951	79 80			
intens	no yes	17 63	1,24 1,33	0,664 0,648	0,161 0,082	0,89 1,17	1,58 1,50	0	2	Between Groups Within Groups	0,129 33,059	1 78	0,129 0,424	0,304	0,583
	Total	80	1,31	0,648	0,072	1,17	1,46	0	2	Total	33,188	79			
no_int	no yes	17 65	0,59 0,74	0,618 0,619	0,150 0,077	0,27 0,58	0,91	0	2	Between Groups Within Groups	0,304 30,671	80	0,304 0,383	0,793	0,376
	Total	82	0,71	0,618	0,068	0,57	0,84	0		Total	30,976	81			
inspir	no yes	16 57	0,50 0,75	0,730 0,714	0,183	0,11	0,89 0,94	0		Between Groups Within Groups	0,808 36,561	71	0,808 0,515	1,570	0,214
	Total	73	0,70	0,720	0,084	0,53	0,87	0		Total	37,370	72	0,000	0,001	0.000
interest	no yes	17 63	1,35 1,35	0,493 0,544	0,119 0,068	1,10 1,21	1,61 1,49	0		Between Groups Within Groups	0,000 22,200	78		0,001	0,980
allot	Total no	80 15	1,35 1,13	0,530 0,743	0,059	1,23 0,72	1,47 1,54	0		Total Between Groups	22,200 0,176	79 1		0,484	0,489
anot	yes	63	1,25	0,567	0,071	1,11	1,40	0	2	Within Groups	27,670	76		0,404	0,409
mutual	Total no	78 17	1,23 1,35	0,601 0,493	0,068	1,10 1,10	1,37 1,61	0		Total Between Groups	27,846 0,000	77	0,000	0,001	0,981
	yes	63	1,35	0,600	0,076	1,20	1,50	0	2	Within Groups	26,200	78	0,336	5,001	5,761
ensur	Total no	80 17	1,35 0,82	0,576 0,809	0,064	1,22 0,41	1,48 1,24	0		Total Between Groups	26,200 2,409			5,696	0,020
	yes	60	1,25	0,600	0,077	1,09	1,41	0	2	Within Groups	31,721	75	0,423	,,,,,	
rec_d	Total no	77 15	1,16 1,20	0,670 1,014	0,076 0,262	1,00 0,64	1,31 1,76	0		Total Between Groups	34,130 1,474	76 1	1,474	1,912	0,171
	yes Total	58 73	1,55 1,48	0,841 0,884	0,110 0,103	1,33 1,27	1,77 1,69	0	2	Within Groups Total	54,745 56,219	71 72	0,771		
tel	no	15	0,67	0,976	0,252	0,13	1,21	0	2	Between Groups	6,453	1	6,453	7,392	0,008
	yes Total	60 75	1,40 1,25	0,924 0,974	0,119 0,112	1,16 1,03	1,64 1,48	0	2	Within Groups Total	63,733 70,187	73 74	0,873		<u></u>
letter	no	16	0,25	0,683	0,171	-0,11	0,61	0	2	Between Groups	2,961	1	2,961	3,501	0,065
-	yes Total	57 73	0,74	0,973 0,936	0,129 0,109	0,48 0,41	1,00 0,85	0		Within Groups Total	60,053 63,014	71 72			
acquaint	no	17	1,76	0,664	0,161	1,42	2,11	0	2	Between Groups	0,624	1	0,624	0,954	0,332
	yes Total	62 79	1,55 1,59	0,843 0,809	0,107	1,33 1,41	1,76 1,78	0	2	Within Groups Total	50,414 51,038	77 78			
person	no	16	0,75	1,000	0,250	0,22	1,28	0		Between Groups	16,597	1	16,597	45,910	0,000
<b>—</b>	yes Total	59 75	1,90 1,65	0,443 0,762	0,058 0,088	1,78 1,48	2,01 1,83	0		Within Groups Total	26,390 42,987	73 74			
shared_r	no	14	0,57	0,938	0,251	0,03	1,11	0	2	Between Groups	0,631	1	0,631	0,657	0,420
	yes Total	62 76	0,81 0,76	0,989 0,978	0,126 0,112	0,56 0,54		0		Within Groups Total	71,106 71,737	74 75			
d_red	no yes	12 53	1,50 1,36	0,905 0,942	0,261 0,129	0,93 1,10	2,07 1,62	0	2	Between Groups Within Groups	0,196 55,189	1	0,196	0,224	0,638
	Total	65	1,38	0,930	0,115	1,15	1,62	0	2	Total	55,385	64			
approach	no yes	16 58	1,00	1,033 0,970	0,258 0,127	0,45 1,02	1,55 1,53	0		Between Groups Within Groups	0,954 69,586	72	0,954 0,966	0,987	0,324
	Total	74	1,22	0,983	0,114	0,99	1,44	0	2	Total	70,541	73			
c_gen	no yes	22 79	0,82	0,395 0,361	0,084	0,64 0,77	0,99 0,93	0		Between Groups Within Groups	0,015 13,450	99	0,015 0,136	0,113	0,737
	Total	101	0,83	0,367	0,037	0,77	0,93	0		Total	13,465				

	Descriptives							1			l	1	1			
	Descriptives	N	Mean	Std. Deviation	Std. Error	95% C	(Mean)	Minimum	Maximum	ANOVA						
						Lower Bound	Upper Bound				Sum of Squares	df	Mean Square	F	Sig.	Sig./DF
finish	former	9	2000,33	2,550	0,850	1998,37	2002,29	1997	2006	Between Groups	128,452	2	64,226	8,307	0,000	0,000
	Ost	22		2,225	0,474	2000,01	2001,99	1997	2005	Within Groups	742,235	96	7,732			
	both		2003,24	2,958	0,359	2002,52	2003,95	1996	2008	Total	870,687	98				
c s orth	Total	99 10		2,981 0,876	0,300	2001,88	2003,07 3,73	1996	2008	Determine Comme	5,070	2	2,535	3,111	0.051	0,025
c_s_ortn	former Ost	15	3,10 2,20	0,876	0,217	1,68	2,72	1	4		55,409	68	2,333	3,111	0,031	0,023
	both	46	2,67	0,896	0,132	2,41	2,72	1	4		60,479	70	0,813			
	Total	71	2,63	0,930	0,110	2,41	2,85	1	4	101111	00,172	,,,				
c_s_surg	former	9	1,89	1,364	0,455	0,84	2,94	0	4	Between Groups	3,049	2	1,524	1,124	0,332	0,166
	Ost	15	1,40	0,986	0,254	0,85	1,95	0	3		74,607	55	1,356			
	both	34	1,24	1,182	0,203	0,82	1,65	0		Total	77,655	57				
	Total	58	1,38	1,167	0,153	1,07	1,69	0		_		<u>_</u>				
c_s_cas	former	10		1,287	0,407	1,18	3,02	0		Between Groups	17,661	2	8,830	6,635	0,003	0,001
	Ost	13 38	0,92	0,760	0,211	0,46	1,38	0		Within Groups	77,191 94,852	58	1,331			
	both Total	61	2,26 1,95	1,223 1,257	0,198 0,161	1,86 1,63	2,67 2,27	0	4	Total	94,832	60				-
c_s_neur	former	9	2,00	1,323	0,441	0,98	3,02	0		Between Groups	0,563	2	0,281	0.225	0,799	0,400
c_s_neur	Ost	15	1,80	1,082	0,279	1,20	2,40	0			76,375	61	1,252	0,220	0,777	0,100
	both	40	1,73	1,086	0,172	1,38	2,07	0		Total	76,938	63	1,202			
	Total	64	1,78	1,105	0,138	1,51	2,06	0	4							
c_s_rad	former	8	0,63	0,916	0,324	-0,14	1,39	0	2		2,948	2	1,474	1,026	0,366	0,183
	Ost	12		0,905	0,261	-0,07	1,07	0	3		71,845	50	1,437			
	both	33	1,03	1,334	0,232	0,56	1,50	0	4	Total	74,792	52			<u> </u>	
	Total	53	0,85	1,199	0,165	0,52	1,18	0	4	D	0.00	-	0.4	0.12	0.05-	0.12-
c_s_ped	former	7	1,57	1,272 0.994	0,481	0,39	2,75	0	3	Between Groups	0,381	2	0,190	0,134	0,875	0,437
	Ost	14 42	1,71 1,81	1,234	0,266	1,14 1,42	2,29	0		Within Groups Total	85,048 85,429	60	1,417			
	Total	63	1,76	1,234	0,190	1,42	2,19	0	4	1 otai	83,429	02				-
c_s_gyn	former	8	2,50	1,309	0,463	1,41	3,59	0	4	Between Groups	5,417	2	2,709	2,219	0,118	0,059
с_з_дуп	Ost	15	1,87	0.990	0,256	1,32	2,42	0	3	Within Groups	70.812	58	1,221	2,21)	0,110	0,037
	both	38	1,61	1,104	0,179	1,24	1,97	0	4		76,230	60	-,			
	Total	61	1,79	1,127	0,144	1,50	2,08	0	4							
c_s_GP	former	10	3,30	0,949	0,300	2,62	3,98	2	4	Between Groups	0,956	2	0,478	0,558	0,575	0,287
	Ost	17	3,12	0,993	0,241	2,61	3,63	2		Within Groups	66,846	78	0,857			
	both	54	2,98	0,901	0,123	2,74	3,23	1		Total	67,802	80				
	Total	81	3,05	0,921	0,102	2,85	3,25	1	4							
all_no_c	former	10	1,70	0,949	0,300	1,02	2,38	0		Between Groups	5,125	2		2,495	0,089	0,045
	Ost	16 54		0,727 1,091	0,182	2,17 2.11	2,95 2,71	2		Within Groups	79,075	77	1,027			-
	both Total	80		1,091	0,148 0,115	2,11	2,71	0	4	Total	84,200	/9				
secur	former	10		1,317	0,416	1,26	3,14	0		Between Groups	1,498	2	0,749	0.471	0,626	0,313
secui	Ost	14	2,50	1,454	0,389	1,66		0		Within Groups	112,880	71	1,590	0,471	0,020	0,515
	both	50		1,193	0,169	2,28	2,96	0		Total	114,378	73	1,070			
	Total	74	2,54	1,252	0,146	2,25	2,83	0	4							
exch	former	10	2,10	1,101	0,348	1,31	2,89	1	4	Between Groups	0,859	2	0,430	0,389	0,679	0,339
	Ost	16		1,183	0,296	1,12	2,38	0	4	Within Groups	83,825	76	1,103			
	both	53	1,96	0,999	0,137	1,69	2,24	0		Total	84,684	78				
	Total	79	1,94	1,042	0,117	1,70	2,17	0	4			<u> </u>				
feedb	former	10	2,60	0,966	0,306	1,91	3,29 2.38	1		Between Groups	3,825	2		1,584	0,212	0,106
	Ost	17 56	1,82 2,07	1,074 1,126	0,261 0,150	1,27 1,77	2,38	0		Within Groups Total	96,585 100,410	80	1,207		<del>                                     </del>	-
	both Total	83		1,126	0,150	1,77	2,37	0		1 Otal	100,410	82	1		$\vdash$	<del>                                     </del>
diff dia	former	10		0,823	0,121	1,71	2,33	1		Between Groups	0,187	2	0,093	0.096	0.909	0,455
uiu	Ost	17	2,18	1,131	0,274	1,59	2,76	0		Within Groups	75,363	77	0,979	5,570	5,707	5,455
	both	53	2,15	0,969	0,133	1,88	2,42	0		Total	75,550	79	-,,,,,,		$\vdash$	
	Total	80	2,18	0,978	0,109	1,96	2,39	0								
issue	former	10	1,80	1,229	0,389	0,92	2,68	0	4	Between Groups	0,207	2	0,104	0,074	0,929	0,464
	Ost	16	1,63	1,147	0,287	1,01	2,24	0		Within Groups	103,507	74	1,399			
	both	51	1,73	1,185	0,166	1,39	2,06	0		Total	103,714	76				
	Total	77	1,71	1,168	0,133	1,45	1,98	0			0	L.		0.40	0.00-	0.0:-
succ	former	10	2,30	1,160	0,367	1,47		1		Between Groups	8,179	2	,	3,404	0,039	0,019
	Ost	16 49	1,25	0,931 1,131	0,233	0,75	1,75 1,69	0	,	Within Groups	86,488	72 74	1,201	<u> </u>	├	<del>                                     </del>
	both Total	75		1,131	0,162 0,131	1,04 1,21	1,69	0		Total	94,667	/4	<del>                                     </del>	<b>—</b>	$\vdash$	<del></del>
probl	former	10		1,131	0,131	1,76	3,44	1		Between Groups	1,791	2	0,895	1,005	0,371	0,185
P1001	Ost	16	2,06	0,772	0,193	1,76	2,47	0	3		68,597	77	0,893	1,003	0,5/1	0,103
	both	54		0,944	0,129	2,04		0		Total	70,388	79	5,671			
	Total	80	2,29	0,944	0,106	2,08	2,50		4		. 5,500				$\vdash$	
I_via_p	former	9	2,44	0,882	0,294	1,77	3,12	1	4	Between Groups	3,414	2	1,707	1,525	0,225	0,112
	Ost	17	1,94	0,966	0,234	1,44	2,44	1		Within Groups	81,743	73	1,120			
	both	50	1,78	1,112	0,157	1,46	2,10	0		Total	85,158	75				
	Total	76	1,89	1,066	0,122	1,65	2,14	0	4		1					

C via p	former	1 0	1.67	0,500	0.167	1.28	2.05	- 1	2 Between Groups	0.345	1 2	0.172	0.127	A 991	0,440
C_via_p	Ost	16	1,63	1,204	0,301	0,98	2,03	0	4 Within Groups	103,250	76	1,359	0,127	0,001	0,440
	both	54	1,50	1,204	0,167	1,17	1,83	0	4 Total	103,230	78	1,339			
	Total	79	1,54	1,152	0,130	1,29	1,80	0	4	103,373	70				
cont	former	9	1,22	0,441	0,147	0,88	1,56	1	2 Between Groups	0,686	2	0,343	0.914	0.405	0,203
	Ost	17	1,00	0,612	0,149	0,69	1,31	0	2 Within Groups	29,265	78	0,375	- /-		
	both	55	0,93	0,634	0,085	0,76	1,10	0	2 Total	29,951	80				
	Total	81	0,98	0,612	0,068	0,84	1,11	0	2						
intens	former	8	1,38	0,744	0,263	0,75	2,00	0	2 Between Groups	1,390	2	0,695	1,682	0,193	0,096
	Ost	17	1,06	0,659	0,160	0,72	1,40	0	2 Within Groups	31,798	77	0,413			
	both	55	1,38	0,623	0,084	1,21	1,55	0	2 Total	33,188	79				
	Total	80	1,31	0,648	0,072	1,17	1,46	0	2						
no_int	former	9	0,44	0,527	0,176	0,04	0,85	0	1 Between Groups	1,207	2	0,604	1,602	0,208	0,104
	Ost	17	0,59	0,618	0,150	0,27	0,91	0	2 Within Groups	29,768	79	0,377			
	both	56	0,79	0,624	0,083	0,62	0,95	0	2 Total	30,976	81				
	Total	82	0,71	0,618	0,068	0,57	0,84	0	2						
inspir	former	8	0,88	0,835	0,295	0,18	1,57	0	2 Between Groups	0,282	2		0,266	0,767	0,384
	Ost	16	0,69	0,793	0,198	0,26	1,11	0	2 Within Groups	37,088	70	0,530			
	both	49	0,67	0,689	0,098	0,48	0,87	0	2 Total	37,370	72				
	Total	73	0,70	0,720	0,084	0,53	0,87	0	2						
interest	former	8	1,38	0,518	0,183	0,94	1,81	1	2 Between Groups	0,068	2	0,034	0,119	0,888	0,444
	Ost	17	1,29	0,470	0,114	1,05	1,54	1	2 Within Groups	22,132	77	0,287		ш	
	both	55	1,36	0,557	0,075	1,21	1,51	0	2 Total	22,200	79			ш	
11 .	Total	80	1,35	0,530	0,059	1,23	1,47	0	2 D		با		0.05-	0.5	0.20
allot	former	8	1,38	0,518	0,183	0,94	1,81	1	2 Between Groups	0,200	2		0,272	0,763	0,381
	Ost	16	1,19	0,655	0,164	0,84	1,54	0	2 Within Groups	27,646	75	0,369		Ш	
	both	54	1,22	0,604	0,082	1,06	1,39	0	2 Total	27,846	77				
	Total	78	1,23	0,601	0,068	1,10	1,37	0	2	0.607	_	0.240	1.052	0.254	0.177
mutual	former	8	1,63	0,518	0,183	1,19	2,06	1 1	2 Between Groups	0,697	2	0,349	1,053	0,354	0,177
	Ost	17 55	1,35	0,493 0,605	0,119 0,082	1,10 1,15	1,61 1,47	0	2 Within Groups 2 Total	25,503	77 79	0,331			
	both	80			0,082	1,15		0	2 Total	26,200	/9				
ensur	Total former	7	1,35 1,14	0,576 0,378	0,064	0,79	1,48 1,49	1	2 Between Groups	1,697	2	0,848	1.026	0.153	0,076
ensur	Ost	17	0,88	0,378	0,143	0,79	1,49	0	2 Within Groups	32,433	74	0,438	1,930	0,132	0,076
	both	53	1,25	0,697	0,169	1,06	1,43	0	2 Total	34,130	76	0,438			
	Total	77	1,16	0,670	0,076	1,00	1,43	0	2 10tai	34,130	70			$\vdash$	
rec d	former	9	1,56	0,882	0,076	0,88	2,23	0	2 Between Groups	1,475	2	0,737	0.042	0.204	0,197
rec_u	Ost	15	1,30	1.014	0,262	0,64	1.76	0	2 Within Groups	54,745	70	0,737	0,243	0,394	0,197
	both	49	1,55	0,843	0,120	1,31	1,79	0	2 Total	56,219	72	0,782			
	Total	73	1,48	0,843	0,120	1,31	1,69	0	2 10tai	30,219	12				
tel	former	8	1,25	1,035	0,366	0,38	2,12	0	2 Between Groups	3,979	2	1 989	2,164	0,122	0,061
ter	Ost	15	0,80	1,014	0,262	0,24	1,36	0	2 Within Groups	66,208	72	0,920	2,104	0,122	0,001
	both	52	1,38	0,932	0,129	1,13	1,64	0	2 Total	70,187	74	0,720			
	Total	75	1,25	0,974	0,112	1,03	1,48	0	2	70,107					
letter	former	7	0,57	0,976	0,369	-0.33	1,47	0	2 Between Groups	1,111	2	0.556	0.628	0.536	0,268
	Ost	15	0,40	0,828	0,214	-0,06	0,86	0	2 Within Groups	61,903	70	0,884	0,020	0,000	-,
	both	51	0.71	0,965	0.135	0.43	0,98	0	2 Total	63,014	72				
	Total	73	0,63	0,936	0,109	0,41	0,85	0	2						
acquaint	former	7	1,14	1,069	0,404	0,15	2,13	0	2 Between Groups	1,922	2	0,961	1,487	0,233	0,116
	Ost	17	1,76	0,664	0,161	1,42	2,11	0	2 Within Groups	49,116	76	0,646			
	both	55	1,60		0,109	1,38	1,82	0	2 Total	51,038	78				
	Total	79	1,59	0,809	0,091	1,41	1,78	0	 2						
person	former	8	2,00	0,000	0,000	2,00	2,00	2	 2 Between Groups	6,823	2	3,411	6,792	0,002	0,001
	Ost	15	1,07	1,033	0,267	0,49	1,64	0	2 Within Groups	36,164	72	0,502			
	both	52	1,77	0,645	0,089	1,59	1,95	0	2 Total	42,987	74				
	Total	75	1,65	0,762	0,088	1,48	1,83	0	2						
shared_r	former	9	1,33	1,000	0,333	0,56	2,10	0	2 Between Groups	5,634	2	2,817	3,111	0,051	0,025
	Ost	13	0,31	0,751	0,208	-0,15	0,76	0	2 Within Groups	66,103	73	0,906			
	both	54	0,78	0,984	0,134	0,51	1,05	0	2 Total	71,737	75				
	Total	76	0,76	0,978	0,112	0,54	0,99	0	2						
d_red	former	6	1,33	1,033	0,422	0,25	2,42	0	2 Between Groups	1,950	2	0,975	1,131	0,329	0,165
	Ost	14	1,71	0,726	0,194	1,29	2,13	0	2 Within Groups	53,435	62	0,862			
	both	45	1,29	0,968	0,144	1,00	1,58	0	2 Total	55,385	64				
	Total	65	1,38	0,930	0,115	1,15	1,62	0	2						
approach	former	8	1,50	0,926	0,327	0,73	2,27	0	2 Between Groups	1,011	2	0,506	0,516	0,599	0,299
	Ost	17	1,29	0,985	0,239	0,79	1,80	0	2 Within Groups	69,529	71	0,979			
	both	49	1,14	1,000	0,143	0,86	1,43	0	2 Total	70,541	73				
	Total	74	1,22	0,983	0,114	0,99	1,44	0	2						
	former	11	0,91	0,302	0,091	0,71	1,11	0	1 Between Groups	0,063	2	0,031	0,230	0,795	0,397
c_gen															
c_gen	Ost	22	0,82	0,395	0,084	0,64	0,99	0	1 Within Groups	13,402	98	0,137			
c_gen		22 68 101	0,82 0,84 0,84	0,395 0,371 0,367	0,084 0,045 0,037	0,64 0,75 0,77	0,99 0,93 0,91	0	1 Within Groups 1 Total	13,402 13,465	98 100	0,137			