

## APPENDICES

### 1.0 INFORMED CONSENT FORM

#### **SWAMI VIVEKANANDA YOGA ANUSANDHANA SAMSTHANAM**

(Declared as Deemed –to-be University under Section 3 of the UGC Act, 1956)

Eknath Bhavan, #19, Gavipuram circle, Kempegowda Nagar, Bangalore-560019

Ph:080-26612669, telefax:080-26608645

E-mail: [svyasa@svyasa.edu.in](mailto:svyasa@svyasa.edu.in) Website: [www.svyasa.edu.in](http://www.svyasa.edu.in)

#### **Informed Consent form**

For students participating in a randomized wait-list control trial to study the effectiveness of yoga intervention on psycho-physical functioning of nursing students.

Name of Principal Investigator: Dr. Balaram Pradhan

Name of Program: PhD (Yoga)



This Informed Consent Form has two parts:

- Information Sheet (to share information about the research with you)
- Certificate of Consent (for signatures if you agree to take part)

You will be given a copy of the full Informed Consent Form

## **PART I: Information Sheet**

### **Introduction**

I Ms. Monali D Mathad, PhD research scholar in S-VYASA Yoga University. I am doing research on psycho-physical functioning among nursing students. I am going to give you information and invite you to be part of this research.

There may be some words that you do not understand. Please ask us to stop as we go through the information and we will take time to explain. If you have questions later, you can ask them to the investigator.

### **Purpose of the research**

Nursing profession demands positive psychological health and manual skills to provide quality health care to patients. At the same time there is constant risk of stress due to their curricular demands. Many studies emphasized on implementation of suitable practices in nursing education. Yoga as an intervention proved very effective in improving psychological and physical functioning of an individual. So the current study is planned to check the effect of yoga on psychological and physical functioning in nursing students.

### **Type of Research Intervention**

This research will consist of doing some tests like answering psychological questionnaires and performing manual tasks. You have to do this before and after 8 weeks of intervention. You will be taught yoga in your college campus five days a week for approximately one hour for a total of 8 weeks.

### **Participant selection**

We are inviting all nursing students from both Diploma and BSc nursing courses, who fit into the inclusion and exclusion criteria as explained by the research associate to participate in this research on yoga.

### **Voluntary Participation**

Your participation in this research is entirely voluntary. It is your choice whether to participate or not. You may change your mind later and stop participating even if you had agreed earlier

### **Information on the Trial**

In this research, we are testing the effect of Yoga on psycho-physical functioning of nursing students. Other study of yoga has been showed improvement in psychological and physical functioning in adults and adolescent students. Now we want to evaluate the effectiveness of yoga in nursing students.

Yoga is an age old practice, which is being followed in India for hundreds of years. It includes physical exercises called Asana, breathing exercises called Pranayama and meditation called Dhyana. Along with these, the yoga module used in this research also includes relaxation, lecture sessions and counseling. It is absolutely safe if done according to the instructions given by the therapist. You may experience generalized body pain cramps or a catch in the first few days, which is normal and gets all right by itself.

### **Procedures and Protocol**

Once your participation in the study is confirmed, you will be given socio-demographic sheet and 7 questionnaires to answer which will test your psychological health. Questionnaires include Freiburg mindfulness inventory to measures mindfulness, Connor-Davidson resilience scale to measure resilience, Satisfaction with life scale, Self compassion scale, Emotion regulation questionnaire, Jefferson scale of empathy HPS-version, and Perceived stress scale. You have to perform few manual tests; Purdue peg board, hand dynamometer, pinch gauge, sit and reach. These manual tests measure physical strength and dexterity. You have to answer both before and after 8 weeks of intervention.

To test effect of yoga we will put students taking part in this research into two groups. The groups are selected by chance, as if by tossing a coin. Participants in one group will be given the yoga practice and the other group will continue their routine activities. It is important that neither you nor we know which of the two groups you will be included in. The people involved in testing will not know, to which group each one belong to. This information will be in our files,

but will not be disclosed until after the research is finished. We will then compare which of the two has the best results. This is the best way we have for testing without being influenced by what we think or hope might happen. If there is anything you are concerned about or that is bothering you about the research please talk to the investigator

### **B. Description of the Process**

During the research,

- During the first visit, we will give you informed consent form and explain about the study. Only after your confirmation about participation in the study we will ask you a few questions about your general health and measure how tall you are and how much you weigh.
- One or two days later, you will be allotted one of the groups either that with yoga or that without yoga. As explained before, neither you nor we will know whether you go to yoga group or the non-yoga group.
- If you get the yoga group you will have to attend yoga sessions in your college campus 5 days a week for a period of 8 weeks.
- Irrespective of which group you belong to, after 8 weeks, you have to answer all the tests which were previously mentioned.
- After 8 weeks of intervention non-yoga group will be taught yoga for next 8 weeks, same like yoga group.

### **Duration**

The research takes place over 16 weeks in total. If you get a chance to be included in the yoga group, you will have to attend yoga sessions 5 days a week for 8 weeks that would come to around 40 days in total. Each day you will be spending one hour time in the yoga class conducted in your campus, where supervised sessions of yoga practices will be taught. We would like to meet with you 8 weeks after intervention. After 8 weeks non-yoga group will be given same intervention for 8 weeks.

### **Side Effects**

As already mentioned, yoga therapy will have no side effects. It can make you tired and it can cause some temporary soreness of the muscles of your body, cramps and muscle catch which is normal and gets alright by itself. However, we will follow you closely and keep track of any unwanted effects or any problems or we may stop one or more practices.

### **Risks**

As already mentioned, yoga therapy will have no side effects. While the possibility of injury happening is very low, you should still be aware of the possibility. All the practices will be done under close supervision; at most precaution will be taken to prevent injuries. In case of injury, participant will be taken to nearby hospital for immediate medical help. No financial assistance will be provided in such case.

### **Benefits**

If you participate in this research, yoga will be provided free of cost to you. Your participation is likely to help us find the answer to the research question. There may not be any benefit to the society at this stage of the research, but future generations are likely to benefit.

### **Reimbursements**

You will not be given any money or gifts to take part in this research.

### **Confidentiality**

With this research, something out of the ordinary is being done in your community. It is possible that if others in the community are aware that you are participating, they may ask you questions. We will not be sharing the identity of those participating in the research.

The information that we collect from this research project will be kept confidential. Information about you that will be collected during the research will be put away and no-one but the researchers will be able to see it. Any information about you will have a number on it instead of your name. Only the researchers will know what your number is and we will lock that information up with a lock and key. It will not be shared with or given to anyone except the people involved in the research and the research clinician.

### **Sharing the Results**

The knowledge that we get from doing this research will be shared with you through community meetings before it is made widely available to the public. Confidential information will not be shared. There will be small meetings in the community and these will be announced. After these meetings, we will publish the results in order that other interested people may learn from our research.

### **Right to Refuse or Withdraw**

You do not have to take part in this research if you do not wish to do so. You may stop participating in the research at any time that you wish.

### **Whom to Contact**

If you have any questions you may contact the following person:

Monali D Mathad,  
PhD Research Scholar,  
SVYASA Yoga University,  
No.19, 'Eknath Bhavan', Gavipuram circle,  
Kempegoda Nagar, Bengaluru- 560019  
Mobile- 9620266523,  
Email id- [mathad.kwr@gmail.com](mailto:mathad.kwr@gmail.com).

This proposal has been reviewed and approved by SVYASA Yoga University. IEC is a committee whose task it is to make sure that research participants are protected from harm. If you wish to find about more about the IEC contact,

The technical coordinator,  
IEC- SVYASA,  
No.19, 'Eknath Bhavan',  
Gavipuram circle,  
Kempegoda Nagar,  
Bengaluru- 560019  
Telephone number- 08026612669.

You can ask me any more questions about any part of the research study, if you wish to. Do you have any questions?

**PART II: Certificate of Consent**

I have read the foregoing information, or it has been read to me. I have had the opportunity to ask questions about it and any questions that I have asked have been answered to my satisfaction. I consent voluntarily to participate as a participant in this research.

Print Name of Participant \_\_\_\_\_

Signature of Participant \_\_\_\_\_

Date \_\_\_\_\_

Day/month/year

**Statement by the researcher/person taking consent**

We have accurately read out the information sheet to the potential participant, and to the best of our ability made sure that the participant understands that the following will be done:

1. Baseline assessment.
2. Supervised intervention for 8 weeks.
3. Final assessment after 8 weeks.

We confirm that the participant was given an opportunity to ask questions about the study, and all the questions asked by the participant have been answered correctly and to the best of our ability. We confirm that the individual has not been coerced into giving consent, and the consent has been given freely and voluntarily.


A copy of this ICF has been provided to the participant.

Print Name of Researcher/person taking the consent \_\_\_\_\_

Signature of Researcher /person taking the consent \_\_\_\_\_

Date \_\_\_\_\_ Day/month/year

## 2.0 INSTITUTIONAL ETHICAL COMMITTEE APPROVAL



# स्वामी विवेकानन्द योग-अनुसन्धान-संस्थानम्

## Swami Vivekananda Yoga Anusandhāna Samsthānam

(Declared as Deemed-to-be University under Section 3 of the UGC Act, 1956)

Ekmath Bhavan, # 19, Gavipuram Circle, Kempegowda Nagar, Bangalore - 560 019  
Ph: 080 - 2661 2669, Telefax: 080 - 2660 8645  
E-mail: svyasa@svyasa.edu.in Website: www.svyasa.edu.in

---

RES/IEC-SVYASA/59/2015 June 17, 2015

To,  
Dr. Balaram Pradhan  
Assistant Professor  
S-VYASA University,  
Bangalore.

Reference:

“Effect Of Yoga On Psycho-Physical Functioning Of Nursing Students–  
Randomized Waitlist Controlled Study”. - Committee Approval of the  
above mentioned study.

Dear Dr. Balaram Pradhan,

We have received from you the following study related documents vide  
your letter dated March 18, 2015

1	Project Proposal
2	Informed consent form

Ethics committee meeting was held on April 25, 2015 at 1:00 PM to 5:00  
PM at Eknath Bhavan, Bangalore. Above documents were examined and  
discussed in the meeting. After due consideration, the committee has  
decided to approve conducting the aforementioned study.

APPROVED

Subramanyal

INSTITUTIONAL ETHICS COMMITTEE  
SVYASA, BANGALORE



स्वामी विवेकानन्द योग-अनुसन्धान-संस्थानम्  
**Swami Vivekananda Yoga Anusandhāna Samsthānam**

(Declared as Deemed-to-be University under Section 3 of the UGC Act, 1956)

Ekmath Bhavan, # 19, Gavipuram Circle, Kempegowda Nagar, Bangalore - 560 019

Ph: 080 - 2661 2669, Telefax: 080 - 2660 8645

E-mail: [svyasa@svyasa.edu.in](mailto:svyasa@svyasa.edu.in) Website: [www.svyasa.edu.in](http://www.svyasa.edu.in)

This is to confirm that neither Dr. Balaram Pradhan nor any staff participating in this study were involved in the voting procedures and decision making.

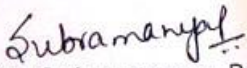
The Institutional Review Board / Independent Ethics Committee (IEC) are expected to be informed about the progress of the study / any changes in the protocol and patient information / informed consent. The investigators are also expected to submit a copy of the final report to IEC for records.

This approval is valid up to the completion of the study at the site.

Please submit to the IEC, the status report of the study as per the SOPs.

The IEC is organized & operates according to the requirements of ICH-GCP, Indian Council of Medical Research Guidelines & Schedule Y.

Best Wishes,

  
Dr. Subramanya P,  
Member Secretary,  
Institutional Ethics Committee,  
S-VYASA, Bangalore.

### 3.0 QUESTIONNAIRE(S) – SAMPLE COPY

#### 3.1 Self-Compassion Scale- short form (SCS-SF)

##### SELF-COMPASSION SCALE–Short Form (SCS–SF)

##### HOW I TYPICALLY ACT TOWARDS MYSELF IN DIFFICULT TIMES

Please read each statement carefully before answering. To the left of each item, indicate how often you behave in the stated manner, using the following scale:

**Almost never**

**Almost always**

**1**

**2**

**3**

**4**

**5**

\_\_\_\_ 1. When I fail at something important to me I become consumed by feelings of inadequacy.

\_\_\_\_ 2. I try to be understanding and patient towards those aspects of my personality I don't like.

\_\_\_\_ 3. When something painful happens I try to take a balanced view of the situation.

\_\_\_\_ 4. When I'm feeling down, I tend to feel like most other people are probably happier than I am.

\_\_\_\_ 5. I try to see my failings as part of the human condition.

\_\_\_\_ 6. When I'm going through a very hard time, I give myself the caring and tenderness I need.

\_\_\_\_ 7. When something upsets me I try to keep my emotions in balance.

\_\_\_\_ 8. When I fail at something that's important to me, I tend to feel alone in my failure

\_\_\_\_ 9. When I'm feeling down I tend to obsess and fixate on everything that's wrong.

\_\_\_\_ 10. When I feel inadequate in some way, I try to remind myself that feelings of inadequacy are shared by most people.

\_\_\_\_ 11. I'm disapproving and judgmental about my own flaws and inadequacies.

\_\_\_\_ 12. I'm intolerant and impatient towards those aspects of my personality I don't like

## 3.2 Satisfaction with Life Scale (SWLS)

### **The Satisfaction with Life Scale**

---

By Ed Diener, Ph.D.

**DIRECTIONS:** Below are five statements with which you may agree or disagree. Using the 1-7 scale below, indicate your agreement with each item by placing the appropriate number in the line preceding that item. Please be open and honest in your responding.

- 1 = Strongly Disagree
- 2 = Disagree
- 3 = Slightly Disagree
- 4 = Neither Agree or Disagree
- 5 = Slightly Agree
- 6 = Agree
- 7 = Strongly Agree

- \_\_\_\_\_ 1. In most ways my life is close to my ideal.
- \_\_\_\_\_ 2. The conditions of my life are excellent.
- \_\_\_\_\_ 3. I am satisfied with life.
- \_\_\_\_\_ 4. So far I have gotten the important things I want in life.
- \_\_\_\_\_ 5. If I could live my life over, I would change almost nothing.

### 3.3 Perceived Stress Scale (PSS)

#### Perceived Stress Scale

The questions in this scale ask you about your feelings and thoughts **during the last month**. In each case, you will be asked to indicate by circling *how often* you felt or thought a certain way.

Name \_\_\_\_\_ Date \_\_\_\_\_

Age \_\_\_\_\_ Gender (Circle): **M** **F** Other \_\_\_\_\_

0 = Never    1 = Almost Never    2 = Sometimes    3 = Fairly Often    4 = Very Often

1. In the last month, how often have you been upset because of something that happened unexpectedly? ..... 0    1    2    3    4
2. In the last month, how often have you felt that you were unable to control the important things in your life? ..... 0    1    2    3    4
3. In the last month, how often have you felt nervous and "stressed"? ..... 0    1    2    3    4
4. In the last month, how often have you felt confident about your ability to handle your personal problems? ..... 0    1    2    3    4
5. In the last month, how often have you felt that things were going your way?..... 0    1    2    3    4
6. In the last month, how often have you found that you could not cope with all the things that you had to do? ..... 0    1    2    3    4
7. In the last month, how often have you been able to control irritations in your life? ..... 0    1    2    3    4
8. In the last month, how often have you felt that you were on top of things?.. 0    1    2    3    4
9. In the last month, how often have you been angered because of things that were outside of your control?..... 0    1    2    3    4
10. In the last month, how often have you felt difficulties were piling up so high that you could not overcome them? ..... 0    1    2    3    4

Please feel free to use the *Perceived Stress Scale* for your research.

**Mind Garden, Inc.**

info@mindgarden.com

www.mindgarden.com

#### References

The PSS Scale is reprinted with permission of the American Sociological Association, from Cohen, S., Kamarck, T., and Mermelstein, R. (1983). A global measure of perceived stress. *Journal of Health and Social Behavior*, 24, 386-396.  
Cohen, S. and Williamson, G. Perceived Stress in a Probability Sample of the United States. Spacapan, S. and Oskamp, S. (Eds.) *The Social Psychology of Health*. Newbury Park, CA: Sage, 1988.

### 3.4 Toronto Empathy Questionnaire (TEQ)

Subject ID: \_\_\_\_\_  
Date: \_\_\_\_\_

TEQ

Below is a list of statements. Please read each statement carefully and rate how frequently you feel or act in the manner described. Circle your answer on the response form. There are no right or wrong answers or trick questions. Please answer each question as honestly as you can.

		Never	Rarely	Sometimes	Often	Always
1.	When someone else is feeling excited, I tend to get excited too	0	1	2	3	4
2.	Other people's misfortunes do not disturb me a great deal	0	1	2	3	4
3.	It upsets me to see someone being treated disrespectfully	0	1	2	3	4
4.	I remain unaffected when someone close to me is happy	0	1	2	3	4
5.	I enjoy making other people feel better	0	1	2	3	4
6.	I have tender, concerned feelings for people less fortunate than me	0	1	2	3	4
7.	When a friend starts to talk about his/her problems, I try to steer the conversation towards something else	0	1	2	3	4
8.	I can tell when others are sad even when they do not say anything	0	1	2	3	4
9.	I find that I am "in tune" with other people's moods	0	1	2	3	4
10.	I do not feel sympathy for people who cause their own serious illnesses	0	1	2	3	4
11.	I become irritated when someone cries	0	1	2	3	4
12.	I am not really interested in how other people feel	0	1	2	3	4
13.	I get a strong urge to help when I see someone who is upset	0	1	2	3	4
14.	When I see someone being treated unfairly, I do not feel very much pity for them	0	1	2	3	4
15.	I find it silly for people to cry out of happiness	0	1	2	3	4
16.	When I see someone being taken advantage of, I feel kind of protective towards him/her	0	1	2	3	4

### 3.5 Perseverative Thinking Questionnaire (PTQ)

#### PERSERVERATIVE THINKING QUESTIONNAIRE:

Instruction: In this questionnaire, you will be asked to describe how you *typically* think about negative experiences or problems. Please read the following statements and rate the extent to which they apply to you when you think about negative experiences or problems.

Sl. no	Item	Never	Rarely	Some times	Often	Almost always
1	The same thoughts keep going through my mind again and again	0	1	2	3	4
2	Thoughts intrude into my mind.	0	1	2	3	4
3	I can't stop dwelling on them.	0	1	2	3	4
4	I think about many problems without solving any of them.	0	1	2	3	4
5	I can't do anything else while thinking about my problems.	0	1	2	3	4
6	My thoughts repeat themselves.	0	1	2	3	4
7	Thoughts come to my mind without me wanting them to.	0	1	2	3	4
8	I get stuck on certain issues and can't move on.	0	1	2	3	4
9	I keep asking myself questions without finding an answer.	0	1	2	3	4
10	My thoughts prevent me from focusing on other things.	0	1	2	3	4
11	I keep thinking about the same issue all the time.	0	1	2	3	4
12	Thoughts just pop into my mind.	0	1	2	3	4
13	I feel driven to continue dwelling on the same issue.	0	1	2	3	4
14	My thoughts are not much help to me.	0	1	2	3	4
15	My thoughts take up all my attention.	0	1	2	3	4

#### 4.0 RAWDATA

#### 4.1 RAWDATA OF THE SURVEY STUDY 1

Age	Gender	Batch	Marital status	Religion	FMI1	FMI2	FMI3	FMI4	FMI5	FMI6	FMI7	FMI8	FMI9	FMI10	FMI11	FMI12	FMI13	FMI14
21	2	4	1	2	2	3	2	3	3	2	3	2	2	3	2	2	1	2
20	2	4	1	1	3	2	3	1	4	4	2	1	4	1	4	2	2	4
20	2	4	1	2	3	4	3	3	3	2	3	4	3	3	2	2	3	1
23	2	4	1	2	3	4	4	4	3	4	4	4	4	4	4	3	3	3
20	2	4	1	1	1	2	2	4	3	3	2	3	2	2	2	3	1	2
21	2	4	1	2	2	3	1	3	2	3	3	4	2	3	3	1	1	1
20	2	4	1	2	3	4	2	4	3	3	2	4	4	3	4	3	3	2
21	2	4	1	2	3	4	4	2	3	3	2	3	2	2	1	1	3	2
21	2	4	1	2	4	4	3	2	3	2	4	3	4	4	1	1	4	3
21	2	4	1	3	3	3	2	3	3	2	3	3	3	3	3	2	1	2
21	2	4	1	2	4	4	4	3	3	2	3	3	3	3	3	3	1	2
22	2	4	1	2	3	4	2	3	3	2	2	3	2	2	1	2	2	2
21	2	4	1	2	3	4	3	3	2	3	4	4	2	3	3	2	1	3
21	2	4	2	2	2	2	3	2	2	3	2	3	3	3	2	3	1	3
21	2	4	1	2	2	2	3	1	1	4	3	4	4	4	1	1	2	4
22	2	4	1	2	4	1	2	3	3	2	3	3	2	2	3	1	2	1
20	2	4	1	1	4	3	4	2	3	4	1	3	1	1	1	1	2	2
23	2	4	1	1	4	2	2	3	4	4	4	4	2	2	3	4	4	3
21	2	4	1	2	4	4	3	1	4	3	3	3	1	2	1	3	1	2
21	2	4	1	1	2	1	1	2	2	2	4	3	3	3	3	2	1	1

21	2	4	1	2	1	3	2	3	2	2	2	2	3	2	1	2	1	2
21	1	4	1	2	3	3	2	3	3	2	2	3	3	3	2	2	2	3
20	2	4	1	2	4	4	3	4	4	3	4	3	1	2	4	3	1	2
24	2	4	1	2	1	2	2	1	1	3	2	2	2	1	1	1	3	2
20	2	4	1	1	4	4	1	4	4	1	3	1	4	3	1	3	3	1
21	2	4	1	2	4	4	2	4	4	1	4	2	2	3	2	2	1	3
21	2	4	1	2	4	4	3	4	4	3	3	3	3	3	3	3	2	3
21	2	4	1	2	3	4	3	4	3	2	2	3	1	2	3	2	2	2
21	2	4	1	2	2	4	3	4	4	2	1	2	1	1	2	1	2	2
22	2	4	1	2	2	4	3	4	4	4	3	3	3	3	3	3	3	3
21	2	2	1	2	3	4	3	4	4	3	3	3	4	4	4	4	1	3
20	2	4	1	2	4	4	3	4	2	1	4	4	1	1	1	4	1	2
21	2	4	1	2	4	4	1	1	2	1	2	2	4	2	3	2	4	2
21	2	4	1	2	2	3	4	1	2	3	3	3	2	3	1	1	3	2
22	2	4	1	2	4	4	4	1	4	1	2	4	4	4	4	4	1	4
21	2	4	1	2	2	4	3	4	2	4	3	4	2	3	1	2	2	4
18	2	1	1	2	4	3	3	3	4	2	4	4	2	3	2	1	3	2
19	2	1	1	-	2	4	4	2	2	1	2	3	2	3	3	3	3	1
18	2	1	1	2	1	2	4	1	4	2	4	1	3	2	2	1	2	1
18	2	1	1	2	3	3	3	2	3	2	2	1	1	3	3	1	2	2
18	2	1	1	1	3	2	4	1	4	2	4	1	3	4	2	1	3	2
18	2	1	1	1	3	4	4	3	3	4	-	4	4	3	3	2	1	2
19	2	1	1	2	4	3	2	3	3	3	4	3	4	2	3	2	1	4
18	2	1	1	2	3	3	2	3	2	3	3	2	1	1	4	2	1	1
18	2	1	1	1	1	3	1	3	3	2	1	1	2	3	1	2	3	3

18	2	1	1	1	2	4	2	2	4	4	4	2	4	4	4	2	2	2
18	2	1	1	1	3	4	2	2	4	2	1	1	4	2	2	-	4	4
18	2	1	1	1	2	4	-	1	2	-	-	-	-	-	-	-	-	1
18	2	1	1	2	2	1	4	4	4	2	2	4	3	3	4	4	2	3
18	2	1	1	2	3	4	2	3	1	2	1	4	1	1	2	4	1	2
18	2	1	1	2	4	4	-	2	3	1	4	1	1	3	1	1	1	4
18	2	1	1	1	4	4	2	1	3	3	1	3	3	4	2	4	1	4
18	2	1	1	2	4	3	2	3	4	3	4	3	2	2	3	3	1	4
18	2	1	1	2	4	4	3	4	4	4	2	1	4	3	3	2	1	3
18	2	1	1	2	1	4	4	3	4	1	4	2	2	1	4	1	4	4
17	1	1	1	1	3	1	2	3	4	2	1	1	3	1	1	1	2	4
18	2	1	1	2	1	2	4	1	2	2	1	1	1	2	1	2	3	1
18	2	1	1	2	2	2	3	2	1	4	4	4	2	3	1	2	1	4
18	2	1	1	1	4	-	1	-	-	-	-	-	-	-	-	-	-	-
19	2	1	1	2	3	4	3	1	4	2	4	3	2	3	3	1	1	1
18	2	1	1	1	2	3	1	2	2	1	4	1	3	4	1	1	4	1
18	2	1	1	2	3	4	4	3	4	1	4	2	1	3	1	1	2	1
18	2	1	1	2	4	4	2	2	4	4	2	3	1	2	4	2	1	2
18	2	1	1	2	3	1	2	1	1	2	3	2	1	1	3	2	3	3
18	2	1	1	1	2	3	2	3	1	2	2	2	4	3	1	2	1	1
17	2	1	1	1	1	4	3	3	2	4	1	3	3	1	1	2	3	1
17	2	1	1	1	4	4	3	3	1	1	2	1	4	3	2	3	1	1
19	2	1	1	1	4	4	1	4	4	4	4	4	1	3	4	3	1	1
19	2	1	1	2	1	1	2	2	1	4	1	1	3	2	1	3	4	1
18	2	2	1	2	2	4	1	4	4	3	2	2	3	4	4	4	3	1

19	2	2	1	2	-	1	3	2	3	2	3	3	1	3	1	4	2	2
18	2	2	1	1	2	3	2	3	4	2	4	2	3	2	4	3	2	3
20	2	2	1	1	1	4	2	2	3	2	2	1	2	3	3	3	1	3
20	2	2	1	1	3	1	2	4	4	4	4	4	3	2	1	2	3	3
18	2	2	1	1	4	2	3	1	4	3	1	3	4	3	2	1	4	3
20	2	2	1	2	4	3	2	1	1	1	2	3	1	1	4	1	2	4
18	2	2	1	2	4	4	3	4	4	3	4	4	4	3	1	3	1	4
20	2	2	1	2	4	2	4	4	4	4	3	4	1	2	3	3	1	4
19	2	2	1	2	1	4	2	2	3	2	3	4	1	1	3	2	2	3
19	2	2	1	2	1	3	2	2	3	2	4	4	3	2	2	1	2	3
20	2	2	1	2	2	3	2	1	3	1	4	4	3	2	2	4	2	4
19	2	2	1	1	4	4	3	2	2	3	3	1	3	3	4	4	1	4
20	2	2	1	1	3	4	2	4	4	3	3	3	3	4	3	2	1	2
18	2	2	1	2	4	1	1	4	4	3	4	4	4	4	1	3	1	4
18	2	2	1	2	2	4	3	2	3	4	4	2	4	4	3	4	1	1
18	2	2	1	2	4	4	4	4	4	4	3	2	4	4	3	3	1	3
19	2	2	1	2	2	4	2	1	1	4	3	4	1	3	4	1	1	1
20	2	2	1	2	3	2	2	2	3	2	3	2	2	1	1	2	2	3
20	1	2	1	2	1	3	1	3	3	1	3	3	4	3	2	3	2	3
19	2	2	1	1	4	4	2	4	4	3	4	4	4	4	4	4	2	3
20	2	2	1	2	4	4	4	4	4	4	4	4	4	3	3	3	4	4
19	2	2	1	2	4	2	4	3	4	2	3	2	3	2	3	1	3	3
20	2	2	1	2	4	-	4	3	2	1	4	2	3	1	3	2	1	3
18	2	2	1	1	3	3	2	3	3	3	2	3	4	1	4	2	1	3
20	2	2	1	1	4	4	3	4	4	3	4	4	4	2	4	3	1	3

20	2	3	1	2	2	2	4	3	3	4	3	4	3	2	4	4	4	3
19	2	3	1	1	3	3	3	4	4	3	3	2	2	2	3	2	1	2
19	2	3	1	2	3	4	3	4	3	4	4	4	3	4	4	3	1	4
19	2	3	1	2	3	3	2	4	4	3	4	2	4	3	2	3	2	3
20	2	3	1	2	2	4	2	3	2	3	3	2	2	2	2	2	1	2
19	2	3	1	2	3	4	2	3	1	4	3	3	1	2	1	3	4	4
20	2	3	1	2	3	2	3	2	3	3	2	3	4	3	3	2	2	3
19	2	3	1	2	3	4	3	3	4	3	3	3	4	3	3	4	3	3
19	2	3	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	1	3	1	1	2	4	3	3	4	3	3	2	2	3	3	2	3	3
19	2	3	1	2	2	1	2	1	1	1	2	3	1	2	3	3	3	3
20	2	3	1	2	2	3	4	4	4	4	4	4	4	4	4	4	1	3
20	2	3	1	2	4	2	4	4	2	3	1	4	2	3	2	2	3	4
20	2	3	1	2	3	2	4	3	4	3	3	4	2	3	3	4	3	4
20	2	3	1	2	4	4	4	2	2	3	3	3	3	3	2	3	2	3
20	2	3	1	2	3	4	4	3	3	3	2	2	3	3	2	3	2	2
19	2	3	1	2	4	2	2	1	3	1	1	2	2	1	2	2	3	1
21	2	3	1	2	3	4	3	4	4	4	3	4	3	3	4	1	4	3
19	2	3	1	2	3	4	2	3	4	4	3	3	3	3	-	2	3	2
20	2	3	1	2	3	3	2	2	3	2	2	3	2	3	2	1	1	2
19	2	3	1	2	4	3	4	4	4	3	3	4	3	3	2	3	2	3
20	2	3	1	1	3	3	4	3	3	2	4	3	4	2	3	3	2	3
20	2	3	1	2	4	4	4	4	4	3	3	4	3	4	4	4	3	3
20	2	3	1	2	-	3	2	4	4	3	2	2	2	3	2	2	2	2
20	2	3	1	2	4	3	3	3	3	3	3	3	3	3	3	3	3	3

19	2	3	1	2	2	3	2	3	3	2	3	3	2	2	2	3	2	2
19	2	3	1	1	4	4	3	4	2	2	2	2	3	1	2	1	3	3
20	2	3	1	2	4	2	3	4	3	4	3	4	4	3	4	3	3	4
20	2	3	1	2	3	3	3	4	3	4	3	4	4	3	3	3	1	1
19	2	3	1	2	2	1	1	1	2	3	2	3	1	1	3	2	1	3
19	2	3	1	2	4	4	3	1	2	3	2	2	3	4	3	3	1	3
19	2	3	1	2	3	2	4	4	4	4	3	4	4	4	3	4	3	4
20	2	3	1	2	3	4	3	3	4	4	3	3	3	3	3	3	2	3
19	2	3	1	2	3	2	3	4	3	3	3	3	3	3	3	3	2	3
19	2	3	1	2	3	2	4	4	4	4	3	4	2	2	4	4	1	2
20	2	3	1	2	4	4	2	4	1	2	1	4	1	3	4	1	2	1
20	2	3	1	2	3	4	1	2	1	1	1	3	2	2	1	1	2	3
20	2	2	1	1	4	4	3	4	1	2	2	4	1	4	1	2	3	1
19	2	2	2	1	2	4	2	1	3	2	3	1	3	2	3	1	2	3
17	2	1	1	1	1	3	3	4	4	1	3	2	1	3	1	4	3	3
19	2	1	1	1	2	4	3	4	4	1	4	1	4	4	1	3	1	1
19	2	1	1	1	2	4	3	2	1	1	2	3	1	1	2	4	1	2
19	2	1	2	1	4	3	2	4	4	4	3	4	4	3	3	1	2	4
18	2	1	1	1	2	4	4	1	4	1	3	4	4	4	1	1	4	4
22	1	2	1	3	4	4	2	4	3	1	1	4	4	2	1	3	1	3
20	1	1	1	3	3	4	4	2	3	1	3	2	3	3	2	2	3	3
19	2	1	1	3	1	4	4	2	3	4	2	3	4	2	2	2	1	3
20	2	2	1	1	4	4	4	1	2	4	4	1	2	3	1	4	1	4
19	2	1	1	1	4	4	2	1	3	1	4	4	4	2	1	4	4	2
20	2	2	1	1	3	1	2	4	4	4	4	4	3	4	1	1	1	2

19	2	2	1	2	4	4	3	3	1	2	3	3	3	3	4	2	1	2
----	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

SCSSF1	SCSSF2	SCSSF3	SCSSF4	SCSSF5	SCSSF6	SCSSF7	SCSSF8	SCSSF9	SCSSF1	SCSSF1	SCSSF1	SWLS1	SWLS2	SWLS3	SWLS4	SWLS5
4	3	4	4	3	4	3	5	4	4	3	4	5	4	4	4	5
5	5	4	5	4	4	2	5	3	5	4	5	1	2	4	7	2
3	3	3	4	4	3	4	3	4	4	3	2	4	5	7	6	4
3	5	5	2	5	4	4	3	3	2	2	2	6	6	6	3	3
4	4	5	2	2	4	5	5	2	2	1	1	5	4	5	2	5
3	4	3	3	4	4	2	4	3	3	3	2	6	4	6	4	4
2	5	4	4	3	3	4	5	3	3	4	5	6	6	7	7	3
3	4	2	4	4	2	4	2	5	3	3	2	3	6	4	5	3
5	4	4	3	3	2	3	5	3	4	4	4	5	3	5	2	2
4	4	3	4	4	4	3	4	3	3	3	3	5	4	3	4	3
3	4	3	4	2	3	3	3	2	3	3	2	6	2	4	4	2
2	3	4	2	3	2	2	3	2	1	2	2	6	5	7	6	6
2	4	4	3	4	3	4	4	2	2	3	2	6	5	6	3	2
4	3	4	5	2	3	3	4	2	3	4	2	5	3	4	5	4
5	4	4	3	2	3	4	5	5	5	2	4	2	3	5	6	6
4	3	4	4	2	3	3	3	2	2	2	4	7	4	6	5	1
1	5	5	1	5	5	5	5	5	1	5	5	6	2	5	6	1
3	2	4	1	3	3	4	4	3	3	1	4	5	6	5	6	1
4	2	3	4	2	2	3	5	2	2	3	3	6	6	6	6	4
2	3	4	3	3	2	4	4	2	4	3	2	6	5	7	5	4
3	4	3	3	4	1	2	3	3	4	2	3	4	2	1	1	1

4	3	3	2	4	2	4	4	2	3	3	2	3	3	5	3	5
2	3	5	4	5	5	5	2	3	3	2	1	7	6	7	7	6
2	3	2	5	4	3	4	5	5	3	4	3	1	1	1	2	3
1	2	5	4	1	5	5	5	4	1	1	4	7	7	6	4	4
3	4	4	3	4	3	4	3	4	3	3	3	7	4	5	5	5
4	3	4	3	3	3	3	4	3	3	3	2	5	5	6	6	5
5	4	3	1	1	1	3	5	5	3	2	1	6	1	6	5	2
3	4	5	5	3	3	4	4	3	1	2	4	6	6	6	7	6
4	4	4	4	4	4	4	5	1	1	1	5	5	5	7	7	2
2	5	4	4	3	4	5	4	3	3	2	1	6	5	6	6	6
5	1	5	3	5	5	5	4	1	5	1	2	5	4	1	6	1
1	2	4	3	2	1	5	3	2	1	4	3	7	6	5	6	5
1	4	3	2	1	5	2	3	1	2	2	1	6	5	4	7	3
3	1	5	5	4	5	5	4	5	4	5	1	6	6	3	7	1
2	4	4	3	2	5	4	1	3	3	3	2	2	2	7	1	2
4	3	4	5	4	4	5	3	2	3	1	2	5	4	6	6	6
3	3	4	4	3	2	3	4	3	4	3	3	2	4	3	6	3
2	3	1	5	1	3	5	5	3	5	5	2	6	4	7	5	6
5	3	3	4	3	2	3	4	3	4	2	3	4	5	6	6	2
4	2	5	1	5	5	4	5	3	4	-	-	2	1	3	-	-
4	4	4	3	3	4	5	4	-	2	-	1	5	5	6	5	-
5	3	3	5	4	3	3	4	3	4	3	4	3	4	4	2	1
3	2	4	1	5	3	4	5	2	3	3	1	6	3	6	2	6
3	4	2	4	2	1	1	3	3	2	2	4	2	5	5	2	6
3	4	5	5	4	4	2	1	3	1	4	1	2	5	5	6	1

2	3	4	3	4	5	5	3	1	2	3	4	5	6	6	7	-
2	3	4	3	4	5	5	2	-	-	3	2	5	4	6	2	-
3	5	5	2	5	4	4	3	1	3	2	1	6	7	7	5	6
4	5	5	4	5	5	5	3	1	3	1	1	5	2	6	6	2
5	3	4	5	1	1	4	5	4	2	5	3	3	1	4	2	1
3	2	5	5	5	3	2	1	2	3	4	1	5	6	7	5	4
4	3	2	4	4	4	3	4	3	3	4	4	4	5	6	6	4
4	3	3	4	5	3	5	4	3	3	2	3	4	6	6	6	6
4	5	3	2	3	5	5	3	2	4	2	1	2	5	4	2	5
3	1	4	5	3	3	2	1	3	5	4	2	1	3	5	4	4
4	3	2	1	2	4	3	4	3	3	3	3	3	4	5	1	4
-	5	5	-	5	1	5	5	1	-	5	1	5	2	4	6	1
5	4	5	3	5	1	1	5	3	3	3	-	4	6	6	6	2
3	3	5	1	4	2	2	4	2	2	4	3	4	6	7	6	5
5	1	2	1	1	4	3	5	2	1	4	4	6	6	4	6	2
4	3	5	5	3	5	1	5	4	3	5	3	6	4	5	7	5
1	2	5	4	5	5	4	1	1	1	4	4	3	4	5	5	2
3	4	5	5	3	3	4	3	4	5	2	3	4	4	5	4	2
3	4	3	4	2	4	3	4	3	2	3	3	4	4	4	5	4
5	1	1	5	5	3	5	1	2	5	4	3	6	2	5	4	1
4	3	3	4	5	3	5	4	3	3	2	3	4	6	6	6	6
5	4	4	5	5	3	5	1	1	5	1	3	6	6	7	7	5
2	3	4	5	3	1	1	5	4	2	3	5	4	1	2	2	3
5	1	3	3	5	5	5	5	5	5	2	4	2	5	5	2	7
3	4	3	2	4	1	2	2	3	5	4	2	7	4	6	5	4

4	4	3	4	4	3	4	4	2	2	3	4	6	6	7	4	4
1	5	5	4	4	2	5	3	2	1	1	5	1	3	6	6	1
5	5	4	5	4	5	4	5	4	4	1	1	5	4	5	6	5
1	2	1	2	3	5	1	2	3	5	5	1	5	1	5	1	2
5	2	1	4	1	1	5	1	1	4	3	2	1	1	1	2	6
4	5	5	1	5	4	3	1	2	4	5	5	6	4	7	6	7
4	4	3	2	5	4	2	4	3	3	1	1	6	4	7	6	2
3	4	4	3	4	2	4	3	3	2	3	4	6	6	7	5	4
3	3	5	5	5	3	4	3	3	3	3	2	6	6	7	5	4
5	5	1	5	4	4	5	4	3	2	4	5	5	6	6	7	4
5	1	5	5	5	5	5	5	1	1	1	5	1	1	1	1	2
5	5	1	5	1	5	1	1	5	5	5	1	5	6	4	2	1
3	5	5	5	4	4	5	5	1	3	2	1	6	4	7	5	6
3	5	4	3	2	5	4	2	1	2	2	1	6	5	2	5	5
5	4	4	2	4	4	5	4	3	3	3	2	5	5	6	6	5
4	4	5	5	3	2	2	5	3	4	4	2	6	2	6	7	2
3	4	2	5	4	3	3	4	4	2	4	3	5	7	6	5	3
5	1	5	5	4	5	5	4	5	4	3	2	6	3	3	6	6
4	4	5	5	5	5	4	5	4	5	5	4	6	6	7	7	6
5	5	4	1	5	5	5	4	2	5	2	2	3	5	6	6	4
5	4	3	5	4	4	3	3	4	3	3	4	3	5	3	1	2
5	4	4	3	2	3	4	5	2	3	5	2	6	5	6	5	6
5	7	5	3	5	6	3	6	5	5	5	1	1	3	7	6	2
5	5	1	5	1	1	5	6	1	5	5	5	4	6	6	7	1
5	3	4	5	4	5	4	3	4	5	2	4	6	4	5	6	4

5	4	3	3	4	4	4	4	3	2	2	3	5	4	6	6	4
3	4	4	2	4	3	5	3	3	3	3	2	6	7	7	5	4
4	4	5	5	4	3	4	4	2	3	3	2	5	3	5	6	6
4	3	3	3	3	4	3	4	4	4	3	3	6	5	6	6	5
3	2	4	5	4	3	2	4	3	3	3	4	5	6	6	2	4
3	4	5	4	3	2	5	3	2	2	2	2	5	6	5	5	4
4	4	3	3	5	5	3	2	2	4	4	3	5	5	6	6	5
2	3	5	5	5	3	3	2	3	2	4	2	6	2	2	6	5
1	2	1	1	2	5	2	2	3	3	3	4	3	5	5	5	2
4	3	3	4	4	3	2	1	3	4	2	5	4	5	6	5	4
3	5	5	-	5	4	4	5	4	5	4	5	2	7	7	6	1
2	5	3	2	5	1	5	1	1	2	1	1	2	1	1	1	6
3	2	4	3	2	4	5	3	2	1	4	3	2	4	7	6	4
4	-	4	3	3	3	2	3	3	4	4	4	2	6	6	3	6
3	4	3	4	5	4	4	3	2	3	4	5	7	5	5	7	6
1	4	2	3	1	4	3	2	1	4	4	5	1	3	4	5	4
3	4	4	3	4	4	4	2	3	3	3	3	6	5	6	7	6
4	5	3	5	4	2	3	3	2	4	2	3	4	5	5	5	5
3	3	4	2	3	3	3	4	4	3	2	2	5	2	5	1	3
4	4	5	2	4	3	5	4	3	3	2	4	5	6	6	6	4
2	4	4	5	3	4	1	2	3	3	3	2	6	6	5	6	3
3	4	5	2	4	4	4	4	3	2	3	2	3	2	6	5	4
3	4	3	4	2	2	3	5	4	3	2	3	5	6	6	7	5
4	5	3	3	5	3	2	4	3	3	3	5	4	4	3	4	4
3	4	4	2	5	3	4	2	4	4	4	3	3	5	6	4	4

3	2	3	3	2	4	4	2	3	3	4	3	3	2	4	5	4
3	4	3	4	4	5	4	3	3	4	3	5	4	5	6	4	4
1	5	4	2	4	4	4	4	3	3	4	4	6	5	5	4	4
5	3	5	5	3	2	3	3	4	2	4	5	5	6	6	6	5
4	4	3	4	3	2	3	4	4	3	4	2	5	5	6	5	6
3	4	5	2	5	3	5	2	3	1	1	1	6	6	7	6	4
2	4	4	2	3	3	4	3	2	3	3	2	6	4	6	7	6
3	3	4	4	2	2	3	3	2	2	2	1	4	6	5	7	4
3	5	5	4	5	4	5	1	2	3	3	1	6	3	3	7	5
-	-	-	-	-	-	-	-	-	-	-	-	2	3	7	6	6
3	3	4	5	2	2	3	3	3	3	3	4	6	5	5	5	5
5	3	5	4	5	2	2	5	1	3	5	1	1	4	3	5	6
4	3	2	4	4	2	3	4	3	4	5	5	2	2	5	5	1
5	-	3	2	4	1	3	5	2	1	5	3	2	6	7	4	1
1	1	5	-	5	5	5	5	5	5	1	1	6	5	6	6	4
2	3	4	2	2	2	2	3	3	4	3	2	3	6	6	4	5
2	3	4	4	5	3	5	2	1	2	2	4	3	5	4	4	4
5	4	2	5	3	5	1	5	3	2	1	5	1	3	1	1	2
4	1	5	3	4	4	4	2	3	4	5	5	1	5	6	3	4
3	4	3	4	3	4	4	4	2	3	2	3	2	3	1	4	1
1	4	4	5	5	4	2	5	2	3	5	3	7	3	2	6	6
4	2	3	1	5	5	5	5	4	3	3	4	1	1	1	1	1
4	3	3	4	5	2	5	3	4	3	3	3	6	1	2	7	5
5	1	4	3	5	4	2	4	4	3	2	2	7	4	4	4	4
4	3	3	4	3	4	3	4	3	2	3	2	5	6	7	7	6

SHALOM1a	SHALOM2a	SHALOM3a	SHALOM4a	SHALOM5a	SHALOM6a	SHALOM7a	SHALOM8a	SHALOM9a	SHALOM10a	SHALOM11a	SHALOM12a	SHALOM13a	SHALOM14a	SHALOM15a	SHALOM16a	SHALOM17a	SHALOM18a	SHALOM19a	SHALOM20a
3	4	4	3	4	5	3	3	4	4	5	4	4	3	5	5	5	4	4	2
3	2	3	3	2	5	4	3	5	3	3	5	5	4	4	3	5	4	3	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	5	4	5	4	4	3	3	4	3	3	4	3	4	4	4	5	4	4	5
4	3	5	4	4	3	3	4	4	4	4	3	4	2	4	2	5	3	5	3
3	4	5	4	5	5	4	5	5	5	5	5	4	4	5	5	5	5	5	4
5	5	5	5	5	4	5	3	5	4	5	4	5	5	5	5	4	5	4	5
5	4	3	3	4	4	3	4	3	3	4	3	4	3	3	3	4	4	4	4
5	5	5	4	5	5	3	1	2	2	5	3	5	5	5	5	5	5	5	1
3	4	3	3	3	3	3	3	3	3	3	3	3	3	4	3	3	3	3	3
3	4	3	4	3	4	3	3	3	3	4	4	4	4	3	4	3	3	3	3
4	5	5	4	4	5	4	5	5	5	5	5	4	5	5	5	5	5	5	4
4	5	4	2	5	5	5	5	5	4	5	4	5	5	5	5	5	5	4	3
5	4	4	3	4	5	4	5	4	4	5	4	5	5	5	5	5	5	5	5
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
4	4	3	3	5	4	3	5	5	3	4	5	5	5	5	5	5	5	5	4
4	5	4	2	5	5	4	3	5	4	-	3	5	5	4	5	5	5	5	4
5	3	4	3	5	3	3	3	5	3	4	4	3	5	5	5	5	5	5	5
5	5	5	4	4	5	5	5	5	4	5	5	5	5	5	5	5	5	5	5
5	5	5	5	5	4	5	4	5	5	5	5	5	4	5	4	5	4	4	4
5	5	5	4	5	5	5	5	5	4	5	5	5	5	5	5	5	5	5	3
4	4	4	3	5	5	3	4	5	3	3	5	5	5	5	5	5	5	5	5

5	5	5	5	5	4	5	5	5	5	4	4	5	5	5	5	5	5	5	4
4	4	3	4	3	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
5	5	3	5	5	5	5	5	5	4	5	5	5	4	5	1	1	1	1	1
5	5	3	5	5	1	1	5	5	5	5	5	5	4	4	5	5	5	5	5
5	4	4	4	4	5	4	4	4	4	5	5	4	4	4	4	4	4	4	4
3	5	3	2	3	3	1	3	4	2	5	4	5	4	5	5	3	3	2	1
3	5	4	4	4	5	2	4	5	4	4	4	4	5	5	4	4	5	4	1
4	5	3	3	4	3	4	4	5	3	5	4	5	5	5	4	5	5	5	4
4	4	5	5	5	5	4	5	5	3	4	5	5	5	5	5	5	4	5	2
5	5	5	5	5	5	5	5	5	5	5	4	5	5	5	5	5	5	5	4
4	5	3	5	4	4	5	5	5	4	4	5	5	4	5	4	3	5	5	3
2	3	2	4	4	1	2	3	1	1	5	2	4	2	2	1	2	3	4	3
-	5	4	2	3	3	3	5	4	2	2	3	2	1	3	5	5	5	4	2
5	5	4	5	4	5	3	5	5	3	4	4	4	5	5	3	5	4	5	4
3	5	4	4	5	5	4	4	5	4	5	4	5	5	5	4	5	5	4	4
5	3	4	4	3	3	4	4	4	4	3	4	3	5	3	4	5	4	5	4
5	5	5	5	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
3	5	4	3	4	5	4	3	3	3	5	3	5	3	5	4	4	4	4	2
3	5	1	4	5	-	-	3	5	-	5	-	5	-	-	-	5	4	-	-
5	3	5	5	4	4	-	5	4	5	4	5	4	5	5	5	5	5	5	3
3	3	5	4	5	3	-	3	5	4	3	4	3	4	3	5	4	5	4	3
5	5	4	3	4	1	3	4	5	1	1	3	4	4	5	5	5	5	4	3
4	4	2	2	3	4	3	4	3	3	2	4	5	4	4	2	4	4	3	3
3	4	5	3	3	4	4	3	3	3	2	4	5	4	5	5	3	5	5	5
5	5	4	5	5	-	-	3	5	-	-	-	5	5	5	5	5	5	5	-

5	5	4	3	3	-	-	4	5	-	-	4	-	5	3	4	5	4	4	3
4	5	5	3	5	5	3	5	5	3	5	4	5	5	5	4	4	4	5	2
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
5	5	4	-	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
3	5	3	5	4	5	4	5	4	4	4	4	4	5	5	3	5	5	5	4
4	5	3	3	4	4	3	3	3	4	5	5	5	3	5	4	3	2	3	4
3	5	3	4	3	4	3	3	4	3	3	3	4	4	5	3	4	4	5	3
3	5	5	5	4	5	4	3	2	5	5	4	5	4	5	5	4	4	3	5
4	1	3	-	-	1	4	-	2	5	1	3	2	3	4	4	4	3	3	3
3	5	3	2	3	5	3	3	3	3	5	3	5	4	4	4	4	3	3	3
3	5	-	4	4	3	3	4	4	2	3	5	3	2	3	2	1	3	3	3
3	5	3	3	4	-	-	-	3	3	5	3	5	5	5	3	5	4	5	4
5	5	5	5	5	5	3	5	2	3	-	-	5	5	5	5	5	5	5	4
4	5	3	3	4	5	5	3	5	3	5	4	5	4	5	4	3	3	4	3
4	5	3	4	5	5	4	3	4	5	3	4	4	3	5	2	5	4	5	5
4	5	4	5	5	5	4	5	5	5	5	5	5	5	5	5	5	5	5	5
4	5	5	5	3	5	4	5	4	5	5	5	5	5	5	4	5	5	5	5
3	4	5	5	4	5	3	3	4	5	5	4	5	3	5	5	4	4	4	4
5	4	2	5	5	4	3	3	2	5	5	5	5	4	4	3	5	4	5	2
3	4	3	3	3	2	3	3	4	3	3	3	4	3	3	3	4	4	5	3
5	5	5	4	5	5	4	5	5	5	5	4	5	5	5	5	5	5	5	4
4	3	3	4	2	3	3	3	2	1	3	3	4	2	3	4	2	3	3	2
5	5	5	4	5	5	4	5	5	3	5	5	5	4	4	4	4	4	4	4
5	5	5	5	5	5	3	4	5	4	5	5	5	5	5	5	5	5	5	3
4	5	2	4	5	5	4	3	3	3	5	4	3	5	5	4	5	5	5	5

5	3	1	3	1	2	3	3	2	3	1	3	2	1	2	5	5	3	2	1
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	5	4	5	4	3	4	3	5	5	4	4	5	4	4	4	4	4	4	4
5	5	5	5	5	5	4	5	4	5	5	5	5	5	5	4	5	5	4	5
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
3	5	5	4	4	5	5	3	3	4	5	3	4	4	5	5	3	3	3	4
3	2	5	3	3	2	3	3	3	3	5	5	5	4	3	3	3	4	5	3
5	5	5	5	5	5	4	5	5	5	5	4	5	5	5	5	5	5	5	5
1	4	5	5	5	5	5	4	5	5	5	5	4	5	3	5	4	3	4	2
3	3	4	2	3	2	3	3	3	3	3	4	2	3	4	3	4	2	5	2
4	5	3	4	5	5	4	5	5	3	5	4	5	5	5	5	5	5	5	4
5	5	5	5	5	5	4	5	5	4	5	5	5	5	5	5	5	5	5	4
5	5	5	5	5	4	4	3	5	5	5	5	5	5	5	5	5	5	5	5
4	5	4	5	4	5	4	5	4	3	4	4	4	4	4	4	5	5	4	4
5	5	5	5	5	5	5	4	3	5	5	5	5	5	4	5	5	5	5	3
3	4	5	3	3	3	3	3	5	4	3	5	5	5	5	4	5	4	3	3
5	5	5	5	5	5	4	5	5	5	5	4	5	5	5	5	5	5	4	4
4	5	5	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
5	5	5	5	5	5	5	5	5	5	5	5	5	3	5	5	5	5	5	4
5	5	5	5	5	5	4	5	5	5	5	5	5	5	5	5	5	5	5	5
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
4	5	5	5	5	4	5	4	5	5	5	5	5	4	5	4	5	5	4	5
4	5	4	4	4	5	4	5	5	4	5	5	5	5	5	5	5	5	5	4

3	5	5	5	4	5	3	4	5	3	4	5	5	4	5	3	4	4	5	5
4	5	5	4	4	5	5	4	5	3	5	4	5	5	5	5	5	5	5	5
5	5	5	5	5	4	4	5	5	5	5	5	5	5	5	5	5	5	5	2
4	5	4	5	5	3	4	5	5	4	5	4	5	5	5	5	5	4	5	4
3	3	3	5	3	3	3	4	4	3	5	4	3	4	4	4	4	3	4	4
5	5	4	5	5	4	5	5	5	4	5	4	5	5	5	5	5	5	5	4
1	5	5	3	5	5	3	2	5	-	5	5	5	4	4	2	2	2	4	3
5	5	4	3	4	1	4	5	4	3	4	3	5	3	5	3	5	3	4	3
5	5	5	4	4	5	4	4	5	4	5	5	5	5	5	5	5	5	5	5
5	2	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4
5	5	1	1	3	4	3	2	2	3	2	3	2	4	1	3	1	3	3	2
4	4	3	3	4	4	3	3	3	3	3	3	4	3	4	3	4	5	4	4
4	5	5	5	5	5	5	5	5	5	5	5	5	3	5	5	5	5	5	5
3	4	4	3	2	2	2	4	5	5	5	4	5	4	4	4	4	5	4	5
3	3	2	4	2	2	4	2	4	5	5	1	2	5	4	2	3	4	2	3
5	5	4	4	5	5	4	4	5	4	5	4	5	4	5	4	4	4	4	5
4	5	4	5	4	4	4	3	3	3	3	2	3	4	4	4	4	3	2	4
4	4	3	4	4	4	3	4	3	2	4	3	4	3	3	4	4	3	4	4
5	5	4	4	3	5	2	5	4	3	4	4	5	5	5	5	5	3	5	4
3	4	4	5	4	4	4	5	5	3	3	3	2	4	2	3	5	4	5	4
5	5	4	5	5	5	4	4	4	4	5	5	5	4	5	4	4	5	5	5
4	5	5	4	4	5	4	4	5	4	5	4	5	5	5	5	5	5	5	5
5	5	5	5	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
3	5	4	4	3	4	5	3	4	5	4	5	5	5	5	4	5	5	5	5
5	4	4	3	4	5	3	4	4	5	4	4	4	4	5	4	5	4	4	5

3	5	4	4	4	5	4	4	5	4	4	3	4	5	5	4	4	5	4	5
4	5	5	4	3	5	4	4	4	5	4	4	5	5	5	5	5	5	5	4
3	4	3	3	4	3	3	3	2	2	3	3	2	4	3	2	4	2	3	3
5	5	4	5	5	5	4	5	5	5	5	5	5	5	5	5	5	5	5	5
4	5	4	5	4	4	4	4	4	4	5	5	5	4	4	4	4	4	4	4
3	5	3	4	5	4	4	4	5	4	5	5	5	5	5	5	5	5	5	5
3	3	3	3	4	4	3	4	4	3	4	3	4	5	4	4	5	3	3	3
2	5	3	3	3	5	3	2	4	1	5	3	5	3	5	5	4	5	4	2
4	-	3	4	2	3	4	2	4	3	1	2	4	3	5	-	-	-	-	5
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
2	1	4	3	5	4	2	4	1	4	4	1	1	3	1	1	4	3	5	5
5	4	4	5	4	2	4	5	4	4	5	4	4	5	4	5	4	5	5	1
3	4	2	5	3	2	1	3	4	2	5	1	3	5	2	1	5	3	2	4
4	3	4	3	2	2	3	4	4	4	3	4	3	4	3	3	4	4	4	3
4	3	3	4	4	4	3	3	4	4	4	3	4	5	5	3	5	3	4	3
5	3	4	4	5	3	-	4	4	4	3	4	2	5	3	4	4	5	5	5
3	5	4	3	4	5	3	4	5	3	5	4	1	5	4	1	5	5	5	2
3	1	3	4	5	1	5	1	5	4	1	3	1	3	1	3	4	5	5	4
5	4	5	4	5	5	3	4	5	5	4	5	5	5	5	5	3	5	5	5
4	3	2	5	3	3	2	2	3	4	3	4	4	4	4	3	3	2	4	3
5	4	5	5	2	4	3	5	5	5	4	5	4	5	4	5	5	5	5	5
3	5	2	5	4	3	3	3	5	4	3	5	5	5	5	3	4	3	5	4
5	3	5	3	4	3	4	4	4	4	3	3	3	3	3	3	4	5	4	4
4	4	5	4	4	5	4	4	4	4	5	4	5	4	5	4	5	4	4	3

SHALOM1b	SHALOM2b	SHALOM3b	SHALOM4b	SHALOM5b	SHALOM6b	SHALOM7b	SHALOM8b	SHALOM9b	SHALOM10b	SHALOM11b	SHALOM12b	SHALOM13b	SHALOM14b	SHALOM15b	SHALOM16b	SHALOM17b	SHALOM18b	SHALOM19b	SHALOM20b
3	3	3	3	3	4	3	3	3	2	3	3	3	4	4	3	3	3	4	2
2	4	3	3	4	3	3	2	3	2	2	3	2	3	3	2	5	2	2	1
4	5	4	4	4	5	3	2	4	4	5	4	5	4	5	5	4	4	4	3
3	4	4	4	4	3	3	2	3	3	2	3	3	4	4	3	3	3	3	3
4	3	5	4	4	3	3	4	4	4	4	3	4	2	4	2	5	4	5	3
3	4	4	3	4	4	3	4	5	3	5	4	4	4	5	5	5	5	5	3
4	4	5	4	3	5	3	4	4	4	5	5	4	4	4	4	5	3	5	3
3	3	3	3	4	3	3	3	2	3	3	3	3	3	2	3	4	3	4	2
5	5	5	5	5	5	5	5	5	4	5	4	5	5	5	5	5	5	5	2
3	3	4	3	3	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3
3	4	3	4	3	4	3	3	3	3	4	4	4	4	4	4	3	3	3	3
3	5	3	3	3	4	3	4	4	4	4	4	4	4	4	4	5	4	4	3
4	5	4	2	4	4	4	5	4	3	4	4	5	4	4	4	4	3	4	3
2	4	4	2	3	4	3	4	3	3	3	3	3	3	4	3	4	3	4	3
4	3	4	3	1	4	3	3	1	3	3	4	2	2	2	3	4	2	3	2
4	4	3	3	4	3	4	4	4	2	3	2	4	3	4	4	3	4	4	3
4	5	1	3	5	3	2	4	5	5	-	2	5	2	5	2	5	5	5	3
5	3	4	1	5	2	3	3	5	3	4	4	5	4	4	5	4	3	5	3
3	2	2	3	3	3	2	3	3	2	2	3	2	4	3	4	4	3	4	3
5	5	5	5	5	4	5	4	5	5	5	5	5	4	5	4	5	4	4	4
3	5	3	2	3	3	3	3	2	2	3	3	3	3	3	2	3	3	3	1
4	4	3	3	4	3	3	4	4	3	3	3	4	3	2	3	3	3	3	2

4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
5	2	3	3	4	4	3	3	4	4	3	2	3	4	2	4	4	3	3	4
3	3	1	3	3	3	3	3	3	3	3	3	3	3	3	5	5	5	5	5
5	3	3	5	3	2	1	5	4	5	4	5	5	4	4	4	5	5	5	5
4	4	4	4	4	4	3	4	4	4	4	4	4	3	4	3	4	4	4	3
3	5	4	3	4	2	1	3	5	3	5	2	3	3	2	3	2	2	2	1
3	5	3	3	4	5	2	3	4	4	3	3	4	4	5	3	4	4	4	1
4	4	2	3	2	3	4	5	5	3	5	4	5	4	5	3	4	5	3	3
4	5	4	3	3	5	4	4	5	3	3	4	5	5	5	3	4	3	5	2
4	4	5	3	2	5	5	3	5	3	4	4	5	5	5	5	5	4	4	2
5	5	4	4	4	5	4	5	5	4	4	5	4	4	4	4	5	4	5	3
1	5	3	4	5	1	2	1	3	4	5	2	2	3	3	1	3	2	1	2
-	5	5	5	5	4	3	2	5	4	5	5	4	5	5	2	3	4	2	3
5	5	4	5	4	5	3	5	4	3	4	4	4	5	5	3	5	4	4	5
4	5	3	3	5	5	4	3	4	3	5	3	5	5	5	4	4	4	3	2
4	3	4	4	3	3	4	4	4	4	3	4	3	5	3	4	5	4	5	4
4	3	5	2	2	3	4	2	3	4	2	3	1	4	5	1	3	2	4	5
3	5	4	3	2	3	4	3	3	3	3	3	3	3	3	3	3	3	3	2
4	5	2	4	2	-	-	4	3	-	4	-	5	-	-	-	3	2	-	-
5	3	5	5	5	3	-	5	5	5	4	5	4	5	5	5	5	5	5	3
3	2	4	3	3	2	-	4	4	3	2	3	2	-	2	3	3	4	4	3
4	3	4	3	4	1	4	-	5	1	1	3	4	4	4	5	5	5	4	4
2	5	1	2	2	2	3	2	4	2	4	2	5	2	4	2	3	4	3	4
2	4	5	3	3	5	4	4	4	2	2	4	5	3	5	5	3	5	5	5
4	5	4	3	3	-	-	3	4	-	-	-	5	5	5	4	5	3	5	-

4	5	4	3	3	-	-	4	4	-	-	4	-	4	3	5	5	4	3	3
4	5	5	3	5	4	3	5	5	4	5	3	5	5	5	5	5	4	5	3
4	4	3	3	4	5	3	3	3	3	4	2	4	4	3	4	3	4	4	3
3	5	5	-	3	5	4	4	2	4	4	5	5	3	3	2	4	2	5	3
4	4	3	4	4	4	3	4	3	3	3	4	3	4	4	3	4	4	5	3
4	5	3	3	4	4	3	3	3	3	5	5	5	3	5	4	3	2	3	4
3	5	3	4	3	4	3	3	-	3	3	3	4	4	5	3	4	4	5	3
5	5	4	5	3	5	3	4	2	3	4	5	5	5	5	3	4	5	4	4
4	1	3	4	3	3	3	4	3	1	1	-	3	4	4	3	5	4	4	3
3	5	3	2	3	5	3	3	3	3	5	3	5	4	4	4	4	3	3	3
3	5	-	3	3	3	4	3	3	3	3	4	4	3	4	4	3	3	4	4
3	5	3	3	4	-	-	-	3	3	5	3	5	5	5	3	5	4	5	4
5	5	5	5	5	5	3	5	2	3	-	-	5	5	5	5	5	5	5	4
5	5	3	3	4	5	5	3	5	3	5	4	5	4	5	4	3	3	4	3
3	5	2	4	4	4	4	2	4	4	5	3	5	3	5	3	4	3	2	4
5	5	4	5	4	5	4	5	5	4	5	5	5	5	5	4	5	5	5	5
4	5	3	4	2	4	3	5	5	5	4	3	5	4	5	5	4	4	4	5
4	4	5	5	4	5	2	4	5	5	5	4	5	4	5	5	3	4	5	5
5	4	2	5	5	-	-	-	-	-	5	5	5	4	4	3	5	4	5	2
3	4	3	3	3	2	3	3	4	3	3	3	4	3	2	3	4	4	5	3
5	5	5	4	5	5	4	5	5	5	5	4	5	5	5	5	5	5	5	4
4	3	3	4	2	3	3	3	2	1	3	3	4	2	3	4	2	3	3	2
4	5	4	2	4	5	3	3	3	4	5	4	5	4	4	4	-	3	5	3
4	5	4	4	3	5	3	3	3	2	5	4	5	4	5	4	5	4	5	2
5	5	3	4	5	5	4	3	3	3	5	4	3	5	5	3	5	5	5	4

5	2	1	4	2	2	1	1	2	2	1	2	2	1	2	1	2	3	4	5
5	5	4	4	5	5	5	5	5	4	5	4	5	4	5	4	5	4	5	5
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	5	4	5	5	5	4	3	3	5	4	5	4	5	-	4	4	4	4	4
5	5	4	5	5	5	5	4	5	4	5	5	4	5	4	4	5	4	5	5
5	5	4	5	4	5	3	4	5	5	5	5	5	4	5	5	5	5	5	4
3	5	5	5	5	4	5	4	4	4	5	3	4	4	5	5	5	3	3	5
2	4	5	3	1	3	3	1	4	2	5	5	5	4	2	4	3	5	5	3
5	5	4	5	4	5	4	4	4	5	5	4	5	5	5	5	5	4	4	4
2	3	4	2	4	2	4	2	5	3	4	3	2	4	5	5	4	5	4	5
3	5	3	3	5	3	4	4	2	4	2	3	2	4	3	3	4	2	3	4
4	5	4	5	5	5	5	5	4	5	5	4	4	4	5	5	5	5	5	4
5	5	5	4	4	3	4	5	5	4	5	5	5	5	5	4	5	4	5	4
4	5	5	5	5	3	4	3	5	5	5	5	5	5	5	5	5	5	5	5
3	5	4	4	4	5	4	5	5	5	5	5	5	3	4	4	4	5	4	2
3	3	4	5	5	5	5	3	2	4	4	3	4	3	3	2	4	4	4	4
3	2	5	3	3	4	4	2	3	4	4	3	2	3	1	3	5	4	4	4
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
4	5	5	4	4	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4
4	5	4	4	4	5	4	4	4	3	5	4	5	3	4	4	4	5	5	3
5	5	3	2	3	5	3	4	4	3	5	3	4	3	4	5	5	3	4	2
3	4	5	4	3	4	3	4	3	3	5	4	4	4	4	4	5	5	5	4
3	5	4	4	5	5	4	3	5	4	5	4	5	5	5	5	4	4	4	5
3	5	5	4	4	3	4	3	5	5	5	5	5	5	5	5	5	5	4	5
4	5	3	4	5	4	3	5	5	4	5	4	5	4	5	4	4	5	5	4

3	5	5	5	4	5	3	4	5	3	4	5	5	4	5	2	4	4	5	5
4	4	4	3	4	5	4	4	5	3	5	4	5	3	3	3	3	4	4	3
3	4	4	4	4	4	4	3	4	4	4	3	4	4	5	4	4	4	4	2
3	4	3	2	4	1	3	3	4	1	3	2	4	5	5	5	4	3	4	2
3	4	4	4	3	4	3	4	4	3	4	4	3	4	4	4	3	3	4	3
4	5	4	4	3	3	4	4	5	5	5	4	5	4	5	4	5	3	4	5
2	4	5	3	5	4	3	2	4	-	3	3	4	4	4	4	2	3	4	5
5	5	4	3	4	1	4	5	4	3	4	3	5	3	5	3	5	3	4	3
4	5	4	4	2	4	4	3	3	2	4	2	4	3	5	3	2	2	2	3
5	2	5	5	5	5	5	4	5	5	5	5	5	5	5	5	5	5	5	1
5	5	1	1	3	3	2	2	1	3	4	1	-	2	1	3	4	3	1	3
4	4	3	3	4	4	3	3	3	3	3	3	4	3	4	4	3	3	3	4
4	4	3	3	5	4	3	3	2	4	4	4	4	4	3	3	3	4	3	4
4	4	3	4	3	3	4	3	4	3	5	4	5	4	4	4	4	3	4	4
2	3	2	4	5	1	2	3	2	3	1	3	2	4	1	5	5	4	4	5
4	5	4	4	5	5	4	4	5	4	5	4	5	4	5	4	4	4	4	5
3	4	4	4	4	3	3	4	4	3	2	3	3	4	4	4	4	3	2	3
3	4	3	2	4	3	3	3	3	2	4	3	4	2	3	3	3	2	4	4
3	5	5	4	4	4	3	5	5	3	3	5	5	4	5	5	4	3	4	3
3	4	5	3	4	3	3	4	4	4	2	3	2	5	2	4	5	4	5	4
5	5	4	5	5	4	4	4	4	4	5	5	5	4	5	4	4	5	5	5
4	5	5	4	5	5	3	3	5	3	5	3	5	5	5	5	5	4	4	4
3	5	1	4	3	4	4	4	4	3	3	3	3	3	3	2	2	3	4	3
3	4	4	4	4	4	4	3	5	4	4	4	4	2	4	3	4	4	4	4
4	4	5	3	4	4	3	4	4	5	4	5	4	5	5	4	4	4	4	3

4	4	3	2	3	-	-	-	-	-	4	4	3	4	5	5	4	4	3	4
4	4	4	3	5	4	4	4	3	3	4	4	3	3	4	4	4	3	4	3
2	2	2	3	3	3	2	2	4	4	2	3	2	3	2	2	3	4	2	2
4	4	4	4	4	5	4	3	3	5	4	4	4	4	5	4	4	4	4	3
4	4	4	5	4	4	3	4	4	4	4	4	4	4	4	4	4	4	4	4
3	5	3	4	5	4	4	4	5	4	5	5	5	5	4	5	5	5	5	4
3	3	3	3	4	4	3	4	4	3	3	3	3	4	3	4	3	3	3	3
4	5	2	3	3	5	3	3	5	2	5	4	5	3	5	5	4	5	5	1
5	4	3	-	4	5	3	4	3	4	5	3	4	-	3	-	4	-	2	3
3	5	4	3	4	5	5	3	4	4	5	3	5	3	3	2	3	3	4	5
3	1	2	5	4	2	5	3	3	5	3	2	1	5	2	2	5	2	4	5
4	2	2	4	3	1	3	5	3	3	3	3	3	5	3	4	3	5	4	1
2	3	4	3	2	1	4	3	2	3	1	2	4	4	3	3	2	4	2	4
4	3	4	3	3	3	3	3	4	4	3	4	3	4	3	4	5	3	4	3
4	5	4	5	5	5	3	4	5	5	5	4	5	5	5	4	5	4	5	4
3	3	4	3	2	3	-	2	3	3	3	2	2	2	1	2	3	3	4	3
3	4	3	3	2	5	3	4	2	3	4	3	1	2	2	1	5	2	4	2
1	1	4	4	3	1	3	1	4	5	1	4	1	3	1	2	3	4	5	2
2	2	3	3	2	3	2	1	3	2	2	3	2	2	2	1	1	2	1	2
3	3	4	2	3	3	5	3	3	2	4	3	3	3	5	3	3	2	4	3
5	4	5	5	2	4	3	5	5	5	4	5	3	3	3	3	5	4	5	4
5	3	4	3	3	3	3	3	5	3	4	3	3	1	1	1	3	5	3	2
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	4	4	3	3	3	3	3	3	3	4	4	3	5	3	5	3	4	3	2

#### 4.2 RAWDATA OF THE SURVEY STUDY 2

Age	Gender	Batch	Marital	Religion	FMI1	FMI2	FMI3	FMI4	FMI5	FMI6	FMI7	FMI8	FMI9	FMI10	FMI11	FMI12	FMI13	FMI14
18	2	1	1	2	3	4	3	3	3	3	4	4	3	3	1	2	2	3
19	2	1	1	2	2	1	1	3	3	2	1	2	1	2	1	1	2	4
18	2	1	1	1	2	4	1	3	3	2	1	2	2	1	1	2	4	4
18	2	1	1	2	4	4	3	4	3	2	3	3	3	3	2	1	2	3
18	2	1	1	2	1	2	4	1	4	2	4	1	3	2	2	1	2	3
18	2	1	1	2	4	4	4	2	3	2	4	4	3	4	1	3	3	3
18	2	1	1	2	4	4	2	3	2	4	4	3	4	2	3	3	4	4
18	1	1	1	1	2	3	3	4	3	4	4	3	4	4	4	1	3	3
18	2	1	1	2	2	3	2	2	3	1	3	2	1	3	2	1	4	3
18	2	1	1	2	4	3	2	4	4	4	1	3	1	3	1	1	4	1
18	2	1	1	1	4	4	3	4	4	3	3	3	3	3	3	3	4	2
18	2	1	1	2	3	4	2	2	2	3	4	4	3	4	2	1	3	2
18	2	1	1	2	2	4	-	4	3	4	-	4	-	2	4	3	4	2
18	2	1	1	2	4	4	1	4	4	1	2	1	3	2	2	3	4	3
18	2	1	1	2	4	4	-	2	4	2	-	-	1	-	1	-	1	4
18	2	1	1	2	4	3	4	3	4	4	2	1	3	4	4	3	4	3
18	1	1	1	2	3	1	2	3	4	2	1	1	2	1	1	3	3	4
18	1	1	1	1	3	3	2	3	3	1	1	1	1	2	2	1	4	4
18	2	1	1	2	2	4	1	4	1	2	1	1	1	1	4	1	4	1
18	2	1	1	1	4	4	3	1	-	3	1	3	1	4	3	4	3	3
18	2	1	1	2	4	3	-	3	-	-	-	-	4	3	4	3	3	3
18	2	1	1	2	2	4	1	4	4	1	2	1	1	3	4	1	3	3

18	2	1	1	1	1	4	2	3	2	1	4	1	1	2	4	2	4	3
18	2	1	1	2	1	4	4	3	3	1	1	4	4	4	1	3	4	4
18	2	1	1	2	2	2	2	2	2	2	2	3	2	2	1	2	4	2
18	2	1	1	2	2	3	2	3	3	2	2	2	3	2	2	2	4	3
18	2	1	1	1	2	4	4	2	2	2	1	1	3	4	4	2	4	3
18	2	1	1	2	2	3	1	2	4	4	2	3	1	1	2	2	2	3
18	2	1	1	2	2	3	3	2	3	3	2	3	2	3	4	2	4	3
18	2	1	1	2	4	3	3	4	3	2	3	2	3	2	3	3	3	2
18	2	1	1	1	3	4	4	3	4	3	4	3	1	3	4	1	4	4
18	2	1	1	2	3	2	1	3	4	2	1	2	3	4	1	1	3	3
18	2	1	1	1	4	4	3	3	1	2	2	3	4	2	3	1	4	4
18	2	1	1	2	3	3	4	2	3	1	3	3	4	4	4	2	4	2
18	2	1	1	2	4	4	4	4	3	3	4	4	4	3	3	1	4	1
18	2	1	1	2	2	4	2	2	3	2	1	3	3	2	1	2	4	4
18	2	1	1	2	4	4	4	4	4	3	3	4	4	4	3	3	4	3
18	2	1	1	1	3	1	1	4	3	4	3	2	4	1	4	4	4	4
19	1	1	1	1	2	2	4	2	2	3	2	1	2	1	2	1	3	2
18	2	1	1	1	3	4	1	1	4	4	4	3	1	1	4	2	1	3
18	1	1	1	1	3	3	3	4	1	1	3	3	1	4	2	1	1	4
19	2	2	1	2	2	1	4	1	2	1	2	4	4	1	1	1	3	3
19	2	2	1	1	2	2	1	1	3	2	1	2	1	3	1	2	4	3
18	2	2	1	1	1	1	2	2	2	2	3	2	2	1	1	2	4	2
19	2	2	1	2	2	3	2	1	2	3	2	3	2	2	1	1	1	1
19	2	2	1	2	4	4	2	1	3	4	1	2	3	1	4	4	3	2
19	2	2	1	2	2	1	1	4	4	4	2	1	4	1	2	1	3	1

18	2	2	1	2	1	4	2	3	2	1	3	3	2	3	4	3	2	3
19	2	2	1	2	2	3	1	3	3	3	3	3	2	1	2	3	4	2
19	2	2	1	2	4	3	2	2	2	3	3	1	3	3	2	1	3	2
18	2	2	1	2	3	4	3	4	3	2	2	3	1	2	1	2	3	4
19	1	2	1	2	2	3	1	3	2	2	4	4	4	3	2	2	2	4
18	2	2	1	2	4	4	4	4	4	3	4	3	4	4	3	4	3	3
21	2	2	1	2	4	1	4	2	4	3	4	3	4	2	3	2	4	2
19	2	2	1	1	4	3	2	1	3	1	2	1	4	3	1	3	4	3
19	1	2	1	1	2	4	2	4	2	1	3	3	1	4	2	3	3	3
19	2	2	1	2	2	3	2	3	2	4	2	4	1	1	2	3	2	2
19	2	2	1	1	3	2	3	4	4	3	4	4	4	4	3	3	4	1
19	2	2	1	1	3	2	2	4	3	4	3	2	3	4	3	2	3	3
18	2	2	1	2	3	2	2	2	4	4	3	4	2	3	2	1	2	2
19	2	2	1	2	4	4	3	2	2	3	3	3	4	2	2	4	3	2
19	2	2	1	2	4	3	2	3	4	4	3	3	3	3	2	1	3	3
18	2	2	1	2	3	2	2	3	2	3	3	2	3	3	4	4	4	4
19	2	2	1	2	2	3	4	3	2	1	3	4	3	2	4	2	4	2
18	2	2	1	2	3	2	2	3	4	2	2	2	2	3	4	1	2	2
19	2	2	1	2	1	2	3	4	3	4	2	1	1	3	1	2	4	1
18	2	2	1	2	4	3	2	3	4	3	2	2	4	1	1	2	1	4
19	2	2	1	2	4	4	2	3	2	4	4	4	3	2	1	1	3	1
19	2	2	1	2	3	1	4	4	2	2	4	4	4	3	4	3	4	4
19	2	2	1	2	3	4	3	4	3	2	3	3	3	3	2	3	4	3
19	2	2	1	1	4	4	3	2	4	1	4	4	4	3	2	3	4	4
18	2	2	1	2	3	3	2	2	1	3	2	4	3	2	3	2	3	3

19	2	2	1	2	3	4	2	2	2	3	2	3	2	2	3	2	2	2
19	2	2	1	2	4	2	1	4	4	4	2	3	2	3	2	3	4	2
18	2	2	1	1	2	1	4	3	4	2	2	1	2	3	2	2	2	1
19	2	2	1	2	3	1	3	3	3	3	3	1	1	1	1	1	2	3
18	2	2	1	2	3	4	2	4	4	4	3	3	3	2	-	2	2	1
19	2	2	1	1	4	4	3	4	4	3	3	2	2	3	2	3	3	4
18	2	2	1	2	3	3	4	3	4	3	3	3	3	3	3	2	4	2
18	2	2	1	2	2	4	4	3	3	4	3	4	3	3	2	3	3	3
19	2	2	1	1	4	4	3	4	3	4	4	4	4	4	2	2	3	3
18	2	2	1	2	4	2	4	4	4	3	4	4	3	4	4	3	4	3
19	2	2	1	2	4	3	2	3	1	4	3	4	4	4	1	1	2	4
19	2	2	1	2	3	1	4	3	4	2	2	2	3	4	4	1	4	1
19	2	2	1	2	2	2	1	3	3	2	4	1	2	3	2	1	4	2
20	2	3	1	2	3	4	1	3	1	1	4	3	4	4	3	2	4	2
20	2	3	1	2	2	2	3	4	3	3	4	2	3	2	1	1	2	3
20	2	3	1	1	4	4	3	3	2	3	4	3	3	3	2	2	2	2
20	2	3	1	2	4	4	3	3	3	4	2	4	4	4	3	3	2	4
19	2	3	1	2	4	4	3	2	3	3	2	4	2	2	3	2	3	3
19	2	3	1	1	1	2	4	4	4	3	4	4	4	3	2	2	4	4
20	2	3	1	2	3	3	2	4	3	4	3	3	2	3	2	3	2	3
19	2	3	1	2	2	2	3	2	3	2	3	2	3	4	1	2	2	2
20	2	3	1	2	4	2	3	3	2	3	3	4	2	4	3	4	1	4
20	2	3	1	2	3	4	2	3	3	4	4	3	4	4	4	3	3	2
20	2	2	1	1	3	3	3	3	3	3	3	3	2	3	3	3	2	3
20	2	3	1	2	3	4	2	4	3	3	3	2	3	2	2	3	1	3

20	2	3	1	2	2	2	2	3	3	3	2	3	3	3	2	2	3	2
21	2	3	1	1	1	4	4	4	4	4	4	4	1	4	4	4	1	4
19	2	3	1	2	2	3	2	1	3	3	2	1	2	3	2	3	3	4
20	2	3	1	2	3	3	2	4	3	4	3	4	4	3	4	3	2	4
20	2	3	1	2	3	3	2	4	4	3	3	2	3	3	1	2	3	3
21	2	3	1	1	2	4	3	2	1	3	2	2	1	2	3	1	3	3
20	2	3	1	2	2	3	3	2	1	2	2	3	4	3	3	2	1	2
20	2	3	1	2	4	3	2	4	4	4	3	3	2	3	4	2	4	3
20	2	3	1	2	4	2	2	3	3	2	1	3	1	2	2	1	2	3
20	2	3	1	2	4	4	3	3	3	4	3	3	3	3	3	2	2	3
20	2	3	1	2	3	4	3	4	1	2	3	1	3	4	1	1	3	2
21	2	3	1	2	4	4	3	1	1	2	4	4	2	2	1	4	2	4
20	2	3	1	2	2	1	2	1	1	1	2	3	1	2	3	3	2	3
20	2	3	1	2	3	4	2	4	3	3	2	2	4	4	3	1	4	2
19	2	3	1	2	3	2	4	3	4	2	3	2	2	1	4	1	2	3
21	2	3	1	1	4	3	1	3	4	2	3	3	4	4	2	4	3	3
20	2	3	1	2	4	4	3	4	3	3	3	2	1	2	1	2	3	3
19	2	3	1	2	3	4	2	3	4	4	3	3	4	4	1	1	4	1
20	2	3	1	2	3	2	4	2	2	2	2	2	1	1	3	2	4	1
23	1	3	1	1	3	1	3	4	2	3	2	3	2	3	1	4	3	3
21	2	3	1	2	4	4	4	4	4	3	3	4	4	3	2	3	1	4
20	2	3	1	2	4	4	2	4	4	4	4	4	3	4	3	3	4	3
23	1	3	1	2	4	4	2	4	-	4	4	2	-	2	2	4	4	1
21	2	3	1	2	3	4	2	2	4	4	3	4	3	1	3	3	4	2
20	2	3	1	2	2	2	3	2	3	3	2	2	3	2	1	3	1	2

21	2	3	1	2	4	3	3	4	4	3	3	4	4	3	3	3	3	3
21	2	3	1	2	4	2	3	2	3	4	4	4	3	4	2	2	3	4
21	2	4	1	2	4	4	3	4	3	3	3	3	1	2	2	3	3	3
21	2	4	1	3	4	4	3	2	1	1	4	4	1	3	2	1	4	4
21	2	4	1	2	2	3	1	2	1	1	1	1	1	2	1	2	4	1
21	2	4	1	2	4	4	2	3	2	2	2	3	2	2	3	1	4	1
21	2	4	1	2	2	4	3	3	3	3	4	4	2	2	1	4	3	3
21	2	4	1	2	3	4	2	3	4	3	2	3	3	2	2	1	4	3
21	2	4	1	2	3	2	2	3	3	3	3	2	2	3	2	1	3	2
21	2	4	1	2	2	3	2	2	3	1	2	3	3	2	3	2	4	2
21	2	4	1	2	4	4	4	3	3	2	3	4	4	3	2	2	1	3
21	2	4	1	2	4	2	4	4	4	4	4	4	4	2	4	4	2	4
21	2	4	1	1	1	1	2	3	2	2	2	3	3	4	3	2	2	3
21	2	4	1	1	4	4	3	3	4	3	3	3	3	2	2	1	3	3
22	2	4	1	2	3	4	1	4	4	4	4	4	3	3	4	4	2	2
22	2	4	1	2	3	3	2	2	2	3	3	3	3	2	1	2	3	2
20	2	4	1	2	3	4	3	3	2	2	3	3	2	3	2	2	3	2
21	2	4	1	2	2	3	2	3	4	1	2	4	2	3	1	1	3	2
21	2	4	1	2	4	4	3	4	2	3	4	1	3	4	1	1	4	3
21	2	4	1	2	2	3	3	3	3	3	3	3	3	2	3	3	2	3
23	2	4	1	2	3	3	3	4	3	3	2	4	4	3	3	3	2	3
21	2	4	1	2	4	4	3	1	2	1	1	2	1	1	2	2	3	4
20	2	4	1	1	4	4	4	4	4	4	4	2	3	2	3	1	1	3
19	2	2	1	2	2	3	4	3	2	1	3	4	3	2	4	2	4	2
20	2	2	1	2	3	3	2	3	3	4	2	3	2	4	3	2	2	4

24	2	3	1	1	3	4	2	1	3	4	3	1	1	2	1	3	1	3
19	2	3	1	1	3	4	3	2	3	3	3	1	2	2	2	2	3	3
20	2	3	1	1	2	4	2	2	4	4	4	1	4	2	4	1	4	1
19	2	3	2	1	4	4	3	4	4	4	4	4	4	4	3	4	1	4
19	2	3	1	2	3	4	3	3	1	2	3	3	2	2	3	3	4	4
20	2	3	1	3	4	4	4	4	3	1	4	1	1	2	3	4	4	1
20	2	3	1	1	4	4	3	1	3	2	4	1	4	3	4	2	4	4
20	1	3	1	1	4	4	1	4	4	4	3	2	2	3	2	1	4	2
20	2	3	1	1	4	2	1	4	2	2	3	2	1	1	2	1	1	2
20	2	3	1	3	4	4	1	4	4	4	1	2	4	4	1	2	4	4
20	2	3	1	2	1	4	1	2	3	2	4	1	3	3	1	4	3	2
19	2	3	1	1	4	4	3	4	4	4	3	4	4	3	3	2	4	4
20	2	3	1	1	2	3	1	1	3	1	2	1	1	4	2	2	4	1
20	2	3	1	1	4	4	1	3	2	2	2	1	1	1	1	2	4	1
19	2	3	1	1	-	-	1	4	4	1	2	4	4	4	3	3	4	4
21	2	3	1	1	2	4	4	2	4	4	4	1	4	4	2	1	4	2
20	1	3	1	1	2	3	1	4	4	3	2	1	3	2	1	2	4	3
19	2	3	1	1	4	4	2	2	2	1	2	1	4	3	1	1	3	4
20	2	3	1	1	1	1	2	3	4	4	3	1	3	1	3	3	4	1
21	2	4	1	1	1	2	1	1	4	4	4	1	2	4	4	1	1	1
21	2	4	1	1	4	4	1	4	4	3	3	1	2	1	1	2	2	1
21	2	4	1	2	4	2	4	4	1	3	4	2	4	4	1	4	4	1
21	2	4	1	1	2	4	1	4	1	1	1	1	2	1	1	1	3	3
20	2	4	1	1	4	4	3	1	1	1	4	1	4	2	4	1	3	3
21	2	4	1	1	1	1	1	2	2	3	-	4	2	3	2	3	4	2

21	2	4	1	1	3	4	2	2	2	1	4	4	4	4	4	2	4	1
21	2	4	1	2	3	4	3	3	4	3	3	2	1	3	1	2	3	2
21	2	4	1	1	3	4	1	3	2	2	4	2	3	2	4	2	3	1
21	2	4	1	1	3	4	4	3	2	4	1	2	3	4	1	3	4	2
21	2	4	1	1	1	2	3	1	2	3	4	2	2	4	2	1	4	2
21	2	4	1	1	4	3	2	1	4	2	3	1	2	1	1	1	2	1
21	2	4	1	1	4	4	2	2	2	4	4	1	4	4	4	1	3	1
21	2	4	1	2	4	3	2	1	3	2	3	1	2	1	1	3	2	1
20	2	4	1	1	1	1	1	2	1	1	3	4	3	2	3	3	4	2
21	2	4	1	1	1	2	2	3	3	4	3	4	3	3	3	2	4	2
21	2	4	1	1	3	3	2	4	2	2	2	1	4	3	2	3	3	3
21	2	4	1	2	4	4	1	4	4	3	2	1	4	4	3	3	4	2
21	2	4	1	2	4	4	1	4	4	3	3	1	4	4	3	3	4	2
22	2	4	1	2	3	4	4	3	2	3	4	3	2	3	3	2	3	1
21	2	4	1	1	4	4	2	1	2	1	2	3	2	1	3	1	1	1
20	2	4	1	3	1	2	1	1	2	1	4	1	4	2	1	4	4	3
21	2	4	1	1	1	2	1	2	1	1	2	1	1	1	1	1	3	1
21	2	3	1	1	4	4	3	1	4	2	4	1	3	4	1	1	3	1
23	2	4	1	1	3	4	2	3	2	4	3	1	3	3	2	2	3	2
20	2	4	1	1	2	4	3	2	1	3	1	2	1	1	3	1	2	4
22	1	4	1	1	4	2	4	1	4	1	4	4	4	4	3	4	4	4
22	2	4	1	1	4	4	4	1	4	1	4	1	2	4	1	2	3	4
21	2	4	1	1	4	4	2	4	3	3	3	4	3	3	4	3	3	1
21	2	4	1	2	4	4	2	4	4	2	1	1	3	3	3	2	4	3
21	2	4	1	1	1	3	3	2	4	2	4	1	4	2	1	1	3	4

22	2	4	1	1	4	3	4	4	1	2	4	1	2	1	2	2	4	1
21	2	4	1	2	1	4	4	2	1	4	4	3	1	3	4	4	3	3
20	2	4	1	2	4	4	2	4	3	3	3	2	4	3	1	1	4	2
21	2	4	1	2	2	1	3	2	1	3	2	1	2	1	2	1	4	2
21	2	4	1	2	2	1	3	2	1	3	2	1	2	1	2	1	4	2
21	2	4	1	1	4	4	2	2	2	4	2	1	2	4	4	2	3	4
20	2	4	1	1	3	3	2	2	3	1	2	2	3	1	2	1	3	2
21	2	4	1	2	4	4	2	1	4	1	2	1	4	1	2	1	2	2
21	2	4	1	1	3	4	4	2	4	1	2	1	1	2	3	1	3	3
21	2	4	1	1	1	1	2	1	3	3	1	1	1	2	1	3	4	4
22	2	4	1	1	4	4	2	4	3	1	2	1	3	1	3	1	4	1
20	2	4	1	2	4	4	2	3	4	3	3	3	2	2	2	3	4	3
21	2	4	1	2	1	4	2	1	3	2	3	3	3	2	3	1	4	3

PTO1	PTO2	PTO3	PTO4	PTO5	PTO6	PTO7	PTO8	PTO9	PTO10	PTO11	PTO12	PTO13	PTO14	PTO15	CDRISC1	CDRISC2	CDRISC3	CDRISC4	CDRISC5	CDRISC6	CDRISC7	CDRISC8	CDRISC9	CDRISC10
2	3	2	2	3	2	4	2	1	3	3	3	1	2	2	3	2	4	2	3	4	2	3	3	2
2	2	2	3	1	0	2	0	1	1	1	4	1	3	4	0	0	2	2	0	1	0	2	0	3
1	1	2	0	0	1	1	1	0	0	0	1	2	1	2	4	4	4	4	4	4	4	4	2	2
3	3	2	2	2	2	3	1	2	1	1	1	1	1	3	2	1	3	3	2	2	1	3	3	2
3	2	-	1	2	2	3	1	0	3	1	2	0	3	1	3	1	0	1	3	4	3	2	2	3
1	2	2	1	1	2	1	2	2	3	1	2	3	1	3	4	4	2	4	3	4	2	4	4	3
3	3	1	1	0	1	1	2	1	1	2	3	3	1	1	3	3	4	2	3	4	2	3	3	2
2	0	1	3	2	3	1	1	2	3	0	1	0	2	1	3	2	3	1	4	2	2	2	4	3
3	1	1	2	1	2	2	2	3	3	3	2	1	1	2	2	2	1	3	1	2	2	3	2	3

2	4	0	1	1	1	3	1	3	4	3	1	2	0	0	4	3	4	3	3	2	2	3	2	3
2	-	1	0	0	1	0	0	0	0	0	1	2	1	0	3	2	2	2	1	4	4	3	3	3
3	2	2	4	2	3	2	1	4	3	2	3	4	3	3	4	2	3	2	3	2	2	3	2	4
2	3	1	0	1	2	1	0	0	1	1	3	1	1	3	3	2	4	4	2	4	3	2	3	4
2	3	2	1	2	2	1	1	3	4	1	2	1	1	4	4	2	1	3	1	3	4	3	4	3
4	-	-	-	0	3	3	-	1	-	4	-	-	1	4	4	4	3	2	1	2	3	4	3	2
4	2	4	1	4	3	4	1	1	2	3	4	4	0	4	4	3	2	2	4	3	3	4	2	3
2	1	2	1	3	1	2	1	1	2	1	1	1	2	1	2	2	1	1	1	3	2	4	3	3
2	3	0	1	1	2	1	1	2	1	0	0	0	1	3	2	4	2	3	1	4	3	3	4	2
2	3	1	1	1	0	2	2	0	0	0	0	0	4	3	4	3	2	3	4	3	2	3	3	4
1	3	1	1	2	2	2	-	1	3	2	2	1	2	4	3	3	2	1	3	4	2	2	4	2
1	3	1	-	2	-	3	0	2	2	1	-	1	-	2	4	3	2	4	-	4	-	3	3	4
1	2	0	2	1	3	3	0	0	2	2	0	2	2	2	3	2	1	3	3	3	4	1	2	0
2	3	1	4	2	1	2	2	2	1	1	2	-	0	1	2	1	3	0	1	3	1	0	0	2
1	0	0	0	0	0	1	0	0	0	0	1	1	3	3	3	3	3	2	2	3	4	4	3	3
2	2	0	1	1	2	2	1	2	2	1	2	0	1	2	2	2	2	1	2	4	2	4	2	2
2	2	2	1	2	1	1	2	2	2	1	2	1	1	2	2	2	2	3	2	3	3	3	2	2
2	2	3	1	1	2	2	0	2	2	0	0	2	1	2	1	4	4	4	4	4	4	2	4	4
4	2	1	2	4	4	3	2	2	3	4	3	2	3	0	0	0	1	0	3	4	2	4	4	4
4	3	0	1	3	1	1	1	2	4	2	1	2	0	0	4	2	1	3	2	3	3	3	2	4
2	-	-	1	2	1	1	0	1	2	0	1	1	1	0	1	2	1	2	2	2	3	1	2	1
3	2	-	1	1	0	2	2	1	1	1	2	1	0	3	3	4	4	3	4	4	3	1	3	3
0	0	0	0	0	2	1	0	0	0	2	4	2	1	4	4	4	2	3	4	4	0	4	3	4
3	2	3	2	4	3	3	3	4	2	2	2	3	4	2	2	3	1	4	3	4	1	3	4	2
3	2	2	1	2	2	4	1	2	2	1	3	2	1	2	4	3	4	2	4	3	1	2	0	3

3	3	3	1	1	1	3	1	1	1	1	1	1	1	1	4	4	3	4	4	4	3	4	4	3
2	1	0	0	0	1	1	0	1	2	0	2	0	2	2	4	3	3	3	2	3	4	3	-	3
2	1	0	0	0	1	1	0	1	1	0	2	1	1	3	4	3	3	2	3	4	4	4	3	3
1	0	2	2	4	3	2	1	0	2	3	2	1	0	2	2	2	3	1	2	4	3	0	1	0
3	4	3	2	4	3	3	4	4	4	3	3	2	2	3	2	2	2	2	4	3	2	2	2	2
2	2	1	4	2	1	-	1	0	3	0	0	1	2	2	1	2	3	1	0	1	1	2	3	2
2	4	1	4	0	3	4	2	3	1	4	0	3	4	4	-	-	-	-	-	-	-	-	-	-
3	4	3	3	3	4	3	4	3	3	3	4	3	3	3	2	1	2	1	2	4	2	2	3	1
3	3	2	4	4	3	1	1	3	4	4	2	1	0	2	4	1	1	0	1	3	1	2	1	2
2	1	0	0	0	2	1	1	1	2	3	2	2	0	4	2	2	3	3	3	4	4	4	4	3
4	3	3	4	4	4	4	4	4	4	4	4	3	2	3	1	2	0	0	1	1	0	0	0	0
4	4	2	1	2	2	1	3	1	4	4	0	0	0	1	1	2	3	4	4	4	2	1	4	4
2	1	0	4	3	2	1	4	4	2	2	1	2	2	4	2	1	2	3	0	4	4	1	2	3
4	3	0	3	2	4	4	1	3	2	1	2	2	3	2	2	3	1	2	2	3	2	4	2	1
1	2	1	0	0	1	2	0	1	0	0	1	0	2	3	4	3	2	3	3	4	3	3	4	3
4	3	3	2	4	4	4	3	2	4	4	3	3	2	4	3	3	4	3	3	4	3	4	4	2
4	3	4	4	4	4	4	3	3	2	4	2	2	1	2	2	3	4	2	0	4	3	2	4	3
3	2	2	3	0	1	1	1	2	2	1	3	3	2	2	3	2	2	3	3	2	2	4	3	2
4	3	2	2	0	2	2	0	1	0	2	1	0	1	0	4	3	2	4	4	4	3	3	3	4
2	2	2	1	1	2	3	3	2	2	1	2	1	3	1	2	2	3	2	0	3	4	4	3	3
2	3	0	3	1	2	1	2	0	3	0	4	2	1	4	2	3	1	2	4	3	1	2	1	3
4	-	3	3	1	4	2	3	2	4	3	2	2	3	3	3	4	3	3	2	3	4	4	4	3
4	4	3	4	4	4	3	3	1	2	4	4	2	2	2	2	2	2	0	2	4	4	4	3	4
3	1	0	0	0	1	1	1	1	1	1	1	0	2	2	2	4	4	2	2	4	3	3	4	4
3	2	2	1	3	3	3	1	1	2	2	1	0	0	2	3	4	3	4	3	4	3	3	4	4

4	3	3	2	2	3	2	1	4	3	4	2	2	3	2	2	2	3	3	2	2	4	3	2	2
2	2	2	1	1	2	2	2	1	2	1	1	1	1	4	2	2	1	2	2	2	1	2	4	4
3	2	1	1	1	2	2	0	1	2	2	3	1	2	1	3	2	2	2	3	3	3	2	2	2
2	2	1	4	2	3	1	4	2	2	3	2	1	2	2	3	2	3	2	2	1	2	2	3	4
4	3	0	2	3	3	2	1	1	2	3	1	2	1	3	3	3	2	1	3	2	1	2	3	4
2	2	1	1	1	1	2	0	1	1	0	2	3	2	2	3	2	2	3	3	3	4	3	4	4
2	3	3	4	4	2	1	1	2	2	1	2	3	1	1	4	2	1	2	1	4	2	4	4	2
4	3	3	3	4	3	4	2	4	4	3	2	2	2	4	2	2	3	2	2	4	4	4	4	4
4	3	4	1	2	4	4	1	4	4	4	1	0	0	4	2	1	2	2	4	4	4	4	2	2
4	3	3	2	2	4	4	4	4	4	3	3	4	1	4	3	2	4	4	4	4	3	3	4	4
2	2	0	1	1	2	2	1	0	3	2	1	0	1	3	3	3	2	4	1	4	2	3	3	3
4	3	3	1	4	3	3	3	4	2	3	2	3	2	2	3	3	3	2	2	3	3	2	3	3
4	2	2	3	0	4	3	3	4	3	4	3	2	2	4	2	3	2	0	2	0	1	2	3	1
4	2	3	3	3	4	4	4	4	4	3	2	3	2	3	2	2	1	1	1	1	2	1	1	1
2	2	3	4	3	2	1	2	2	3	3	4	3	3	4	1	2	2	3	1	3	3	2	2	1
4	2	3	3	3	4	4	4	4	4	3	2	3	2	3	2	2	1	2	2	2	-	1	1	1
2	2	1	2	1	1	2	1	1	1	1	2	1	1	1	3	2	2	2	1	3	2	2	2	2
2	2	1	1	0	2	2	0	0	0	0	0	1	0	2	3	3	2	2	3	4	3	3	4	2
2	2	1	0	2	1	2	1	3	1	1	1	2	1	1	2	2	3	2	1	3	2	1	3	3
3	2	1	1	2	2	2	2	1	1	1	1	1	2	2	3	3	2	2	3	3	2	2	2	2
1	1	0	1	0	1	2	0	2	2	0	4	0	0	1	4	4	4	4	-	3	4	3	3	4
3	2	2	3	1	2	2	2	1	2	3	1	2	1	3	2	2	2	2	3	3	2	2	2	0
3	3	3	2	2	3	2	2	2	3	2	2	2	4	3	3	2	2	4	4	3	3	2	3	4
0	1	0	2	2	0	2	0	2	1	0	0	0	0	2	4	1	4	4	3	3	2	3	4	3
3	3	3	2	1	2	2	2	2	1	1	1	1	1	2	3	3	0	4	3	2	0	3	4	4

3	3	4	1	1	2	0	1	2	3	1	2	2	1	3	2	3	1	3	2	4	3	4	4	3
4	4	3	2	4	4	4	4	4	4	4	4	2	2	3	4	2	3	4	3	2	3	2	2	1
2	3	1	2	4	3	3	3	2	3	3	3	3	1	2	3	3	1	3	3	3	1	1	1	3
3	2	2	1	0	1	1	1	1	2	2	2	1	1	0	3	3	2	3	1	4	2	2	3	3
2	1	0	0	2	0	1	0	1	0	0	1	2	1	0	3	4	3	4	4	3	2	4	3	3
4	3	2	1	0	3	1	1	1	3	2	4	1	2	3	3	2	4	3	4	3	2	4	4	4
3	4	3	4	2	2	2	3	2	2	2	2	3	3	2	3	3	4	3	2	3	4	2	3	3
4	3	2	2	3	4	2	3	3	2	3	3	2	2	3	2	3	3	2	2	3	2	3	2	2
3	2	2	1	1	3	2	4	1	1	2	1	1	1	1	3	4	4	4	3	4	3	2	3	1
0	1	2	3	0	2	1	3	1	1	0	2	0	2	1	2	1	0	2	3	4	2	1	0	2
3	3	3	2	3	1	3	3	1	1	3	2	2	4	4	3	1	1	2	1	2	2	2	1	2
3	3	2	3	3	2	2	3	3	3	2	2	2	2	3	3	3	3	2	2	3	2	2	2	2
2	3	3	1	2	3	1	2	3	3	2	1	3	2	3	4	2	3	2	3	4	2	1	1	2
3	2	2	2	2	2	1	3	1	1	1	1	1	1	1	3	2	4	4	2	3	2	2	2	3
4	4	4	4	4	2	0	2	4	0	4	4	2	4	4	4	0	0	0	0	4	0	4	0	4
2	2	1	1	3	3	3	2	3	2	3	1	3	1	3	1	2	3	3	2	1	-	2	1	1
2	2	2	0	1	2	3	2	1	1	1	2	1	0	0	3	4	4	4	3	4	4	4	4	4
3	3	2	2	1	2	2	1	1	1	1	1	2	1	3	2	3	2	2	3	4	2	3	4	3
3	2	0	3	1	-	2	1	3	2	4	3	0	2	4	2	1	3	1	1	0	0	2	1	3
3	2	1	1	1	2	1	0	1	1	2	0	0	2	0	3	3	3	4	0	3	2	3	3	3
2	3	1	4	3	2	1	2	0	0	2	2	1	0	4	1	2	3	2	1	4	3	2	3	4
1	1	2	1	0	1	1	2	3	2	1	0	1	2	1	3	2	4	2	3	4	3	4	3	4
3	2	2	1	2	2	2	2	1	1	0	0	0	1	1	3	4	3	2	1	3	3	3	2	1
4	3	3	2	4	4	3	4	4	4	3	3	3	1	3	4	3	4	4	1	4	4	2	3	3
3	4	2	4	4	3	4	2	4	4	4	1	4	2	2	4	3	4	3	3	3	1	3	4	4

2	2	1	1	2	1	2	2	2	2	2	2	2	1	1	2	3	3	3	3	3	3	2	2	2	2
3	4	2	1	1	2	1	1	2	1	2	3	1	2	2	4	4	2	3	2	4	2	4	4	4	3
4	4	4	2	2	2	4	2	4	2	2	3	2	4	4	4	4	2	4	3	2	2	0	0	2	
2	2	3	1	2	1	1	2	1	3	1	1	1	2	1	2	3	2	3	3	4	3	4	3	4	
2	2	1	1	3	3	3	2	3	3	1	1	1	2	1	2	3	4	3	2	4	2	1	2	3	
2	2	1	1	4	2	3	2	1	1	1	3	1	1	4	4	3	3	4	3	2	3	2	1	1	
3	1	1	1	2	2	2	1	1	1	1	2	2	1	2	3	2	1	1	3	3	2	3	2	3	
2	3	1	1	3	0	2	1	2	3	1	2	1	1	3	3	4	2	1	4	3	2	3	3	2	
2	1	1	1	1	0	0	0	1	1	1	0	1	2	1	4	4	3	4	4	4	4	4	4	4	
1	1	0	0	0	0	0	0	0	0	1	1	0	1	1	4	3	3	3	1	4	4	4	4	3	
1	2	1	1	0	0	0	1	2	1	1	0	1	2	4	4	0	2	1	0	3	4	-	0	4	
4	3	3	2	2	3	3	1	2	2	3	2	2	2	3	4	2	2	4	2	2	1	1	0	3	
3	2	2	3	2	3	4	3	2	1	2	1	0	2	2	3	2	3	2	2	3	2	2	3	4	
1	0	0	2	1	1	2	1	2	1	1	1	0	2	1	4	2	3	4	3	4	2	2	2	3	
4	4	3	4	2	3	3	2	3	2	3	3	3	3	4	4	3	2	3	2	2	2	3	2	2	
1	0	1	2	0	0	1	0	0	0	0	0	0	0	0	1	2	3	0	0	2	1	2	1	1	
3	0	1	1	0	0	0	1	0	2	1	1	0	2	0	3	2	4	4	4	4	1	4	4	1	
2	1	1	1	2	1	1	0	0	1	1	1	0	2	2	3	2	2	2	2	2	1	2	3	3	
2	1	1	1	3	1	1	2	1	2	1	1	3	1	3	3	2	1	1	3	2	3	2	1	2	
4	4	4	1	4	3	2	4	1	4	4	3	3	4	4	4	3	3	3	3	2	1	1	3	2	
2	2	2	1	1	1	1	0	1	1	0	1	1	2	2	4	4	3	4	4	4	3	3	4	4	
2	2	2	3	3	2	1	2	1	2	2	2	2	3	2	3	2	1	2	2	2	1	1	1	2	
2	2	1	0	0	1	1	1	0	0	0	1	0	1	0	4	3	3	3	3	3	2	3	2	3	
2	1	0	0	0	1	2	1	0	2	0	3	2	0	0	4	2	3	4	4	4	2	3	3	3	
2	1	1	0	0	0	1	1	2	1	1	2	0	0	3	4	4	3	4	4	2	3	3	4	4	

2	1	1	2	3	2	1	0	1	1	2	2	2	3	3	1	1	1	0	0	1	1	0	0	1
1	1	0	0	0	1	0	0	0	0	0	1	0	0	1	3	2	3	2	3	4	3	2	3	2
3	2	1	2	2	0	1	2	2	0	1	2	1	2	0	3	3	2	3	2	4	3	3	4	3
2	2	2	1	1	1	2	1	2	1	2	2	1	2	1	3	3	3	3	3	4	3	4	3	3
2	2	2	1	2	2	3	1	2	2	1	1	1	2	2	2	2	2	2	3	2	1	2	2	3
2	2	3	1	2	3	2	3	1	2	2	1	2	2	2	3	3	1	2	1	3	2	1	3	3
1	1	0	0	0	0	0	1	0	0	0	0	0	1	0	4	4	4	4	4	4	3	4	4	4
2	2	1	0	1	1	1	1	2	0	0	1	1	0	3	4	3	3	3	2	4	3	3	3	4
3	3	3	3	2	3	3	3	3	3	3	3	2	4	3	3	2	2	2	3	1	1	3	3	3
2	1	2	1	3	2	3	3	3	2	2	2	3	2	3	3	2	2	2	1	2	3	2	2	1
2	4	2	2	3	3	2	4	3	3	3	2	2	2	2	4	4	4	4	3	4	3	4	4	4
4	3	0	2	3	3	2	1	1	2	3	1	2	1	3	3	3	2	1	3	2	1	2	3	4
2	2	2	2	1	1	1	1	1	2	1	2	1	1	1	3	2	1	2	1	3	3	1	2	1
2	3	2	1	1	2	3	2	2	1	2	3	1	2	2	1	3	1	2	3	2	2	2	1	3
2	1	1	1	2	1	2	2	1	1	1	2	1	1	2	3	3	2	3	3	4	3	4	3	3
2	3	2	3	3	1	1	1	2	2	1	1	1	2	2	3	3	2	3	3	2	1	2	2	3
2	1	3	2	2	4	0	1	3	3	0	2	1	0	4	4	4	2	4	4	4	4	4	4	4
2	-	2	2	3	1	1	1	1	2	1	2	0	1	2	3	3	4	3	1	3	1	3	3	3
4	3	4	1	3	4	1	2	4	4	4	3	1	0	4	4	2	2	0	0	3	2	4	4	2
3	2	3	1	2	2	3	4	4	2	3	2	4	2	3	4	4	4	4	4	4	4	4	4	4
2	1	1	0	4	4	4	3	0	4	0	0	0	0	4	4	4	2	3	0	4	2	4	0	4
2	1	3	0	2	4	4	3	4	1	2	3	2	2	4	4	2	1	2	3	0	4	4	2	4
4	1	2	4	2	4	1	1	0	4	2	2	1	1	4	4	4	4	2	1	4	1	0	4	4
2	4	3	4	3	1	2	4	2	1	1	2	1	2	2	2	4	3	4	2	2	4	2	2	4
1	2	0	0	1	3	2	1	2	0	0	2	0	1	3	2	3	2	1	2	3	3	3	3	3

4	2	1	-	3	3	0	1	2	1	2	0	1	2	0	2	3	1	0	2	4	3	2	2	2
2	1	0	4	0	2	2	1	2	2	0	1	0	1	1	1	1	1	2	2	2	2	3	4	4
2	2	0	0	1	2	2	0	1	-	1	1	1	0	4	4	4	4	4	4	4	2	4	4	4
4	2	0	2	1	4	2	2	4	2	1	1	0	1	1	2	4	4	3	2	3	4	1	3	3
4	2	4	2	3	1	1	1	2	1	1	1	0	3	1	4	4	3	2	0	3	4	4	3	3
2	4	0	0	0	1	2	4	1	2	4	3	1	0	4	4	4	1	4	0	4	-	1	4	4
3	1	0	3	3	3	4	2	1	1	2	1	1	0	1	3	1	3	3	1	3	1	1	1	2
4	3	4	4	4	4	4	4	4	4	4	4	4	4	4	2	1	4	4	1	0	0	1	0	0
3	3	2	1	0	3	3	0	2	0	0	1	0	2	2	4	3	2	4	2	3	4	3	3	4
1	4	4	1	4	1	4	2	1	2	3	4	2	3	4	3	1	3	-	2	4	1	4	4	4
2	2	2	1	4	4	4	0	1	2	0	2	1	2	4	0	1	2	2	1	2	0	1	2	2
0	0	1	0	1	0	0	2	0	4	0	3	1	0	3	3	4	2	1	3	4	3	3	3	3
2	1	1	2	1	1	2	1	2	1	0	1	0	1	0	3	3	2	3	3	4	2	2	3	4
4	4	2	1	3	2	2	0	0	0	1	2	2	2	2	4	4	3	4	3	4	3	2	4	4
3	3	2	1	1	3	1	2	1	1	3	2	2	1	0	3	3	4	4	4	3	4	0	3	1
3	4	1	2	4	3	3	2	2	3	2	2	1	0	1	3	3	2	2	4	4	3	3	3	4
2	3	0	1	1	3	1	2	3	4	2	1	0	3	4	2	4	3	1	1	4	3	2	0	4
2	3	1	0	0	1	2	0	1	2	0	0	2	3	4	1	2	3	1	1	2	0	3	4	4
4	2	0	1	2	3	2	0	1	0	1	2	0	1	2	2	1	0	3	3	4	3	1	2	0
4	4	1	2	2	1	2	2	2	1	4	2	0	2	4	4	4	2	4	2	4	4	2	4	2
4	2	0	0	2	3	2	0	2	0	1	2	0	1	2	2	1	0	3	3	4	3	1	4	0
2	1	1	2	2	1	2	1	2	1	0	1	1	2	0	3	4	3	4	3	3	4	3	2	2
2	1	1	3	4	3	2	1	3	1	1	3	1	2	3	3	3	1	1	3	4	2	3	3	1
3	3	2	1	1	2	1	2	1	1	1	2	0	1	2	4	4	3	3	4	4	3	3	4	4
2	3	1	0	2	3	2	1	1	1	1	2	1	1	1	2	3	3	4	4	4	1	2	4	4

2	3	1	0	2	3	2	1	1	1	1	2	1	1	1	2	3	3	4	4	4	1	2	4	4
3	3	2	2	3	2	2	1	2	2	2	3	0	0	1	2	3	2	2	4	4	2	3	4	3
2	1	0	1	2	3	4	2	3	1	2	2	1	2	3	2	1	3	4	0	1	3	1	2	0
2	0	1	1	0	3	2	1	1	1	1	0	0	0	2	4	2	2	3	2	3	4	3	4	3
2	1	1	2	1	1	1	3	1	2	1	3	3	3	1	1	2	1	2	2	2	1	2	1	1
1	2	0	0	3	1	0	2	1	0	1	2	-	0	2	3	2	1	4	1	3	3	1	1	2
2	2	2	1	1	2	3	1	2	1	1	1	1	1	2	2	2	2	3	3	4	3	4	4	2
2	1	0	0	1	1	2	1	3	0	0	-	1	3	2	1	2	0	1	2	4	4	2	3	2
2	3	3	4	0	2	2	1	4	3	1	2	2	1	2	4	4	3	4	4	4	3	4	4	4
4	4	2	4	3	3	3	2	4	2	4	2	2	0	2	2	4	2	0	2	4	4	4	4	2
3	2	2	3	2	1	1	2	3	2	0	1	1	2	3	3	3	3	2	3	3	2	3	2	3
0	1	0	0	1	0	0	0	0	0	0	2	0	0	0	2	3	4	4	4	4	3	4	4	4
4	2	4	3	3	3	3	4	1	2	1	1	1	2	2	2	2	3	1	2	1	1	2	2	3
2	2	1	1	2	3	1	2	2	1	1	3	1	1	3	3	2	3	3	2	4	2	1	2	3
4	4	4	3	3	2	1	2	4	3	4	3	2	1	3	3	3	3	2	1	4	0	0	0	3
2	1	1	0	2	1	0	0	0	0	0	1	0	0	0	2	3	2	4	4	3	2	4	4	4
2	2	2	1	2	1	2	1	2	1	1	2	1	1	1	2	2	1	2	3	3	2	2	1	2
2	2	2	1	2	1	2	1	2	1	1	2	1	1	2	2	2	1	2	3	3	2	2	1	2
1	1	1	2	1	1	1	2	2	1	2	1	1	1	1	4	4	2	4	4	4	4	4	2	4
2	1	1	2	1	2	1	2	1	1	0	2	1	0	0	3	2	1	4	0	2	2	3	3	4
2	3	1	1	2	3	2	2	1	3	2	2	2	1	4	2	1	1	2	0	1	2	3	0	2
1	2	1	2	3	2	1	2	3	4	3	1	2	1	4	4	2	2	1	1	4	3	0	2	3
2	3	1	3	3	3	4	2	4	4	2	1	1	1	2	4	2	3	2	1	2	3	2	1	2
2	3	0	1	1	1	1	0	1	3	1	0	0	0	2	1	3	3	4	3	4	2	2	1	3
2	1	1	1	1	0	0	0	1	0	0	0	0	1	2	3	3	3	2	1	3	2	3	1	2

2	1	1	1	1	0	0	2	2	1	0	0	0	1	2	3	3	3	3	1	2	2	1	1	1
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

TEQ1	TEQ2	TEQ3	TEQ4	TEQ5	TEQ6	TEQ7	TEQ8	TEQ9	TEQ10	TEQ11	TEQ12	TEQ13	TEQ14	TEQ15	TEQ16
4	3	4	4	4	3	0	2	2	4	3	1	4	4	4	3
2	4	3	3	4	3	3	2	3	1	3	2	3	4	1	2
2	2	2	0	4	4	1	2	2	4	1	4	3	1	4	3
3	3	3	4	4	2	2	2	3	2	3	2	3	4	1	1
2	3	3	3	3	2	3	2	3	4	1	4	1	3	3	4
1	1	3	2	4	2	4	3	3	0	2	3	1	3	4	2
3	2	3	2	4	4	2	3	2	4	0	3	3	4	2	2
2	3	0	1	4	2	2	2	3	4	4	2	3	2	2	2
3	2	3	3	3	1	3	1	2	1	4	1	3	1	2	2
2	4	3	4	4	1	4	1	3	4	2	4	4	4	4	1
2	1	3	4	4	4	4	4	2	4	3	4	3	4	1	2
3	1	4	4	4	3	4	4	3	0	4	2	4	0	1	3
4	3	3	4	4	3	3	3	4	4	1	4	2	4	2	3
2	2	1	1	4	3	3	3	-	2	1	3	4	1	2	2
4	4	4	4	4	4	4	-	2	-	0	4	-	-	0	4
4	0	3	3	2	4	4	0	0	0	0	0	3	1	0	2
2	3	1	2	3	2	3	2	0	4	4	3	3	3	1	1
1	3	3	2	4	1	1	3	1	4	4	2	1	3	3	4
4	2	4	4	4	4	4	4	4	3	2	1	4	0	3	3
2	3	1	2	4	2	4	3	3	4	4	3	3	2	2	3
4	2	4	4	3	4	4	4	4	-	4	-	4	4	-	-

2	1	3	4	4	4	4	3	1	4	0	2	4	4	4	4
2	4	3	4	4	4	4	2	1	4	4	4	4	4	2	1
2	2	3	4	4	3	4	0	2	4	4	4	1	4	4	0
4	2	2	4	4	2	0	2	1	0	4	4	4	4	3	4
2	2	3	4	3	3	2	3	3	3	2	3	3	3	3	3
3	2	0	2	4	2	2	0	0	4	4	4	0	4	4	2
1	1	1	0	4	4	2	1	0	2	2	1	2	2	2	2
3	2	2	2	3	4	0	3	2	3	3	0	2	2	1	2
0	3	0	3	4	3	4	4	3	0	4	4	3	4	4	3
3	4	1	4	3	3	4	2	0	4	4	4	3	4	2	4
2	1	1	4	4	0	3	2	2	3	2	2	4	2	3	4
1	2	3	4	4	2	3	3	0	1	3	0	4	4	4	4
2	3	3	4	4	3	3	3	3	3	2	4	3	4	3	3
2	3	4	4	4	4	1	3	4	4	1	3	3	4	4	3
3	4	3	3	4	4	2	3	4	4	1	4	3	2	4	3
3	1	4	4	4	4	3	3	3	0	4	3	0	4	4	1
2	1	4	0	4	1	4	4	2	4	3	4	4	4	4	4
3	3	4	4	4	4	2	2	2	3	3	2	4	3	2	2
1	4	0	2	0	1	1	4	2	3	1	2	3	3	2	2
0	2	3	4	1	4	0	4	0	2	3	2	1	0	4	2
2	2	4	3	3	2	4	3	2	3	2	3	4	3	4	2
2	2	2	4	4	2	4	3	2	3	2	4	4	4	4	2
2	3	2	4	4	2	4	2	2	4	4	4	4	4	4	2
1	2	4	0	3	3	4	3	2	3	3	3	4	4	4	2
1	2	3	2	4	0	4	2	0	3	4	4	2	4	3	0

0	3	3	3	2	1	0	2	4	3	2	1	2	1	2	1
1	2	2	1	3	2	3	1	2	2	3	2	3	3	1	2
1	4	1	3	4	3	1	4	4	1	2	4	3	3	2	1
1	4	1	1	4	2	4	2	2	4	1	3	4	2	1	3
2	3	4	4	4	2	2	3	2	4	0	4	4	1	0	4
3	2	4	2	4	4	2	3	2	2	3	2	4	3	2	2
3	1	4	4	3	3	4	4	3	3	4	4	3	4	4	3
0	3	3	4	4	2	3	4	1	3	4	3	2	3	3	2
4	2	3	4	4	2	4	2	2	1	3	4	3	4	1	2
1	1	3	3	4	2	1	3	2	-	2	2	3	1	1	3
4	2	4	1	4	4	4	4	3	4	4	4	4	4	4	4
2	3	3	4	4	3	0	3	2	2	4	4	4	0	4	4
2	2	3	4	3	2	4	2	3	4	3	3	4	4	2	2
2	3	0	1	2	1	3	2	3	3	1	1	-	3	2	3
1	3	2	3	2	1	2	1	2	4	2	2	2	4	2	2
2	2	3	4	4	3	4	4	3	3	4	3	3	4	3	3
2	3	2	1	3	2	1	2	2	2	2	2	3	2	3	3
2	3	2	1	2	-	3	4	1	2	2	1	1	1	0	2
2	2	2	4	4	-	4	4	2	4	1	2	2	1	-	3
2	3	4	2	4	2	3	3	2	3	3	4	3	3	2	3
4	1	3	4	3	3	4	1	2	2	4	4	3	3	4	3
2	1	2	3	2	2	3	0	0	4	1	2	2	2	1	4
2	2	3	4	4	2	3	4	2	3	1	2	4	4	2	3
3	4	4	4	3	3	4	3	2	3	4	4	3	4	3	3
2	2	3	2	3	3	2	2	3	3	2	3	1	1	1	3

4	1	3	2	3	2	0	3	3	3	2	-	3	2	3	3
3	2	3	0	4	4	1	2	1	4	3	3	3	4	4	0
2	3	2	2	3	3	3	4	4	2	1	3	4	4	1	3
3	2	3	1	4	4	1	3	2	1	3	3	-	4	4	0
3	3	2	0	2	1	1	1	3	2	0	3	3	2	1	1
0	3	2	3	4	-	4	3	2	4	4	4	1	4	4	1
1	2	2	2	4	2	2	2	1	4	4	3	3	1	2	2
2	1	2	3	2	2	3	2	2	3	4	3	2	2	2	1
0	4	4	3	4	4	4	4	3	1	4	4	4	2	2	2
2	3	2	2	4	2	4	0	0	4	4	4	2	3	2	0
2	1	2	2	3	3	4	1	2	2	2	2	3	2	2	2
4	1	4	4	4	4	4	3	2	4	4	4	4	4	4	1
2	2	3	4	4	4	4	3	3	3	3	4	4	4	3	3
2	3	3	4	3	1	4	2	3	3	4	3	3	4	2	2
1	2	2	3	3	2	3	2	3	4	3	4	3	4	4	4
2	0	3	2	1	1	2	2	1	3	3	3	2	2	2	2
3	2	3	3	3	4	3	1	1	1	3	4	2	4	3	1
2	4	1	4	4	1	4	0	3	4	3	3	4	2	2	0
3	2	3	2	4	4	4	4	3	4	1	4	4	4	4	2
3	2	2	1	4	0	4	4	4	4	1	4	4	1	2	2
2	2	3	1	3	2	2	2	2	1	1	1	2	2	1	3
2	3	4	2	3	2	1	2	3	4	2	2	3	2	1	4
0	3	2	-	3	2	4	2	0	2	2	1	2	1	3	2
1	3	3	2	3	3	2	2	4	3	2	3	2	3	2	3
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

1	2	3	3	3	2	1	1	2	1	0	2	1	1	2	1
1	2	2	2	2	2	2	3	3	1	2	2	3	2	1	2
0	4	4	0	0	2	0	-	-	2	0	4	2	3	2	4
2	1	2	1	3	2	3	3	2	4	1	3	3	0	2	2
2	3	2	3	4	2	1	2	3	2	4	2	2	3	2	3
0	2	2	3	2	2	3	4	2	3	2	3	2	1	1	2
2	3	3	2	4	1	0	3	2	3	2	4	3	3	2	3
1	1	2	4	4	3	4	0	1	2	3	1	1	1	3	3
3	2	1	2	4	2	0	4	3	2	1	1	4	2	0	1
1	3	2	4	4	2	0	3	2	2	3	3	2	2	2	2
2	3	3	2	3	2	2	2	3	4	4	2	4	4	3	4
3	0	3	1	4	2	1	3	3	1	1	1	4	3	1	3
2	1	4	4	3	4	4	4	3	4	0	1	4	4	0	1
1	3	2	3	4	2	4	2	2	4	3	3	3	3	3	2
2	2	3	3	4	3	4	4	3	2	4	4	3	2	3	1
2	2	4	4	3	2	4	4	2	4	4	4	2	2	1	1
2	3	3	0	2	3	2	4	3	1	1	2	4	2	3	3
1	0	3	4	4	2	4	4	3	4	3	2	3	2	2	2
3	2	3	3	4	4	3	3	2	3	4	4	2	3	3	1
2	2	2	2	3	2	2	2	2	2	2	3	2	2	2	2
2	2	1	3	4	2	2	1	3	4	3	2	2	0	2	3
0	1	4	4	4	3	2	4	4	2	1	4	4	4	4	2
2	1	1	4	4	3	4	3	3	2	4	2	3	4	2	2
1	3	0	4	4	0	4	0	0	4	4	4	4	4	2	2
1	3	4	3	4	4	3	3	2	2	4	4	4	4	4	0

3	2	4	2	3	4	4	1	2	2	3	2	2	3	2	2
1	2	1	2	4	3	3	2	2	3	4	3	0	3	4	1
3	2	4	2	4	2	3	2	3	4	4	2	3	4	4	2
0	3	1	2	3	3	4	1	1	3	3	3	1	2	2	2
2	4	4	4	2	1	0	4	2	3	4	4	-	4	4	1
1	1	3	2	2	2	3	2	1	3	4	2	2	3	2	3
3	3	3	4	4	3	4	3	2	4	3	3	4	4	1	1
2	2	3	3	3	3	4	3	2	2	4	4	4	3	3	4
2	2	3	4	3	2	4	3	2	3	4	3	3	3	4	2
3	1	2	3	4	2	3	3	2	2	2	3	2	3	3	2
1	3	3	4	3	1	4	2	1	4	4	4	4	4	2	2
3	2	4	4	4	3	4	4	3	4	4	4	3	4	3	0
1	2	3	4	4	4	4	4	4	1	3	3	1	4	2	0
2	2	2	1	1	1	3	2	2	1	2	2	2	4	3	3
1	1	3	4	3	2	4	1	3	4	3	4	3	4	3	3
3	2	3	2	2	3	1	2	2	2	2	1	2	3	4	3
2	3	3	3	3	3	3	3	2	3	3	3	3	3	2	0
2	2	3	1	3	2	3	2	1	2	3	4	3	4	3	1
1	3	3	4	2	3	1	1	3	4	3	4	2	3	3	2
0	3	4	4	4	4	4	2	1	4	4	4	4	4	4	2
1	3	1	2	3	2	4	1	1	4	4	4	3	2	4	1
1	2	2	4	3	2	3	3	3	2	1	1	3	3	4	3
2	3	2	1	2	3	2	2	1	0	4	4	3	4	4	2
2	2	4	2	4	4	4	2	2	2	2	3	4	2	2	2
2	3	2	1	2	-	3	4	1	2	2	1	1	1	0	2

1	2	3	3	3	2	4	1	2	3	3	3	4	0	3	4
2	2	3	1	3	3	1	3	2	2	2	2	2	1	2	3
2	2	2	1	3	2	3	2	1	2	3	3	3	3	2	1
2	3	3	3	4	3	3	2	1	3	3	3	2	2	3	3
1	2	2	4	4	2	4	3	2	4	3	2	4	4	2	2
1	2	3	1	3	3	3	1	2	3	4	1	4	4	4	2
1	2	4	4	4	3	4	1	2	4	4	1	4	2	2	4
2	2	3	2	4	4	4	4	2	3	2	3	4	4	4	2
2	0	4	4	2	2	3	1	1	4	1	-	0	2	4	4
2	2	2	3	0	2	2	2	2	3	2	2	0	3	3	2
1	4	2	2	4	0	3	0	0	4	4	4	4	4	0	4
2	3	2	4	3	2	3	0	0	3	4	2	3	2	4	4
1	2	1	2	3	3	4	1	2	1	3	4	3	1	1	4
-	1	2	-	1	2	1	0	1	4	4	2	4	4	4	4
1	3	0	2	4	2	2	0	0	4	4	4	4	0	4	2
1	4	2	4	2	3	3	1	4	0	3	0	3	3	0	0
2	4	4	0	2	1	2	2	0	3	3	0	2	2	0	4
3	3	4	0	3	1	1	3	1	3	4	1	4	1	2	4
0	0	1	2	2	4	0	3	3	4	3	2	2	4	4	4
1	2	1	3	1	1	2	2	1	2	3	4	-	2	3	1
4	0	2	1	4	2	2	1	0	3	4	1	4	4	1	0
2	3	0	1	2	2	4	3	-	4	4	0	4	0	1	0
1	2	4	4	4	0	0	0	2	4	0	4	4	2	4	3
2	3	2	2	3	2	0	0	2	3	3	4	2	4	2	0
0	1	4	4	4	4	4	3	2	2	4	3	3	3	4	4

0	3	2	3	1	3	4	1	2	2	3	-	2	1	2	0
0	4	4	3	4	4	4	2	1	2	4	0	3	3	1	0
0	2	4	4	4	4	4	4	4	2	3	3	4	4	2	2
2	0	3	2	3	3	0	3	2	4	4	4	4	4	4	4
1	2	1	0	4	3	2	1	3	4	2	2	4	3	1	4
0	2	3	3	4	2	4	1	3	4	2	2	3	1	3	4
1	1	4	4	4	4	2	1	2	4	2	3	3	4	2	1
2	0	2	2	4	2	3	1	2	3	3	2	4	3	3	2
1	1	4	4	4	3	2	1	2	4	2	3	4	4	3	2
0	3	2	3	4	3	4	2	1	2	4	3	3	2	3	1
0	2	3	2	3	2	4	3	1	4	4	1	4	3	3	3
0	2	2	3	4	4	0	3	3	1	3	-	3	4	2	1
2	4	4	0	4	4	4	4	3	3	4	1	4	4	2	2
1	4	4	0	4	4	4	4	3	3	4	1	4	4	2	2
3	0	4	1	4	3	3	3	2	4	4	4	4	4	4	4
2	3	3	2	0	3	3	4	2	3	2	4	2	3	2	4
2	3	4	3	3	2	2	3	1	2	3	4	3	3	4	3
2	3	2	3	1	2	3	2	2	3	4	4	1	3	3	2
1	2	1	2	1	2	2	2	4	3	2	1	1	2	3	2
2	3	4	3	3	3	4	2	2	4	2	4	3	4	0	3
0	3	0	1	0	-	3	2	1	4	4	3	-	0	2	1
2	2	1	4	4	3	0	3	3	3	2	1	4	2	0	3
2	3	4	4	4	2	0	4	2	4	4	0	1	2	0	2
1	-	2	3	3	3	0	4	2	1	3	1	3	0	0	3
2	3	3	4	4	4	4	3	2	3	4	3	0	4	4	3

0	2	2	4	4	1	3	3	0	4	3	3	3	0	2	3
2	1	2	3	4	3	4	2	1	4	2	3	1	3	4	3
2	3	3	3	4	3	3	4	1	3	4	3	4	3	2	3
2	3	3	4	4	4	4	3	4	4	2	3	3	4	4	3
2	2	2	3	3	3	3	2	1	2	2	3	2	3	3	2
2	2	2	3	3	3	3	2	1	2	2	3	2	3	3	2
0	3	2	2	1	2	3	1	1	4	3	3	4	3	3	2
1	1	2	4	4	3	4	2	3	3	3	3	2	4	4	3
2	1	2	4	4	3	4	1	2	2	4	3	2	4	4	3
2	3	2	0	4	2	1	2	1	3	3	2	1	2	3	4
0	2	2	3	3	1	2	1	2	2	3	2	3	3	4	2
2	4	1	2	4	4	4	1	2	2	3	2	3	2	4	2
1	3	1	2	3	2	3	3	0	1	3	4	2	3	3	3
2	3	3	2	3	3	1	2	2	4	4	3	2	3	3	3

#### 4.3 RAWDATA OF THE EXPERIMENTA STUDY

Group	Batch	Code	Age	Mother tongue	Religion	SCSSF1	SCSSF2	SCSSF3	SCSSF4	SCSSF5	SCSSF6	SCSSF7	SCSSF8	SCSSF9	SCSSF10	SCSSF11	SCSSF12
C	1	1	19	2	1	2	2	3	2	3	3	2	4	3	2	3	2
C	1	5	19	2	1	2	3	3	2	3	4	4	3	3	4	2	2
C	1	9	19	3	2	3	4	4	2	3	4	4	3	4	4	3	3
C	1	15	18	2	1	3	4	2	4	1	3	1	5	4	3	4	3
C	1	16	20	3	1	5	4	4	5	1	5	4	4	2	3	2	3
C	1	18	18	2	1	1	3	3	4	5	4	4	2	2	4	2	2
C	1	20	19	2	1	4	3	3	4	3	4	3	4	3	4	2	3
C	1	22	19	2	1	2	4	4	1	5	5	3	2	3	4	2	2
C	1	24	18	2	1	1	1	2	5	5	5	5	5	1	5	1	2
C	1	26	19	2	1	3	3	4	3	5	4	3	2	3	3	4	2
C	2	35	20	2	1	2	3	4	5	5	3	4	1	2	5	2	3
C	2	37	18	2	1	2	5	5	4	3	4	5	2	1	4	5	3
C	2	38	20	2	1	3	2	4	2	3	3	3	5	2	4	3	3
C	2	41	19	2	1	4	4	2	4	4	2	4	1	1	3	1	2
C	2	42	19	2	1	4	2	3	4	3	3	5	2	3	3	4	4
C	2	43	19	2	1	4	2	4	3	3	4	2	2	4	4	2	3
C	2	44	19	3	1	4	2	4	3	1	2	4	5	3	2	3	2
C	2	46	20	2	1	4	4	3	4	3	4	4	3	4	2	3	3
C	2	48	19	2	1	2	1	5	3	4	3	3	2	1	5	5	4
C	2	50	22	2	1	3	5	4	3	3	4	4	3	3	2	1	3
C	3	53	18	2	1	3	5	4	5	4	3	3	4	4	4	2	2

C	3	54	19	3	2	4	4	1	3	4	3	2	3	3	4	4	4
C	3	55	19	2	1	5	3	4	5	4	4	3	4	3	5	3	3
C	3	60	19	1	2	3	2	3	4	3	2	2	4	4	3	2	4
C	3	61	19	2	1	4	4	4	5	3	4	5	1	1	5	2	5
C	3	62	19	3	2	4	4	3	1	5	5	3	4	1	4	3	1
C	4	66	20	3	2	4	3	2	3	2	3	4	2	3	4	4	4
C	4	67	19	3	1	4	3	2	3	4	4	3	5	3	4	4	5
C	4	68	18	2	1	4	4	3	4	3	4	2	4	4	5	4	5
C	4	69	19	3	2	3	1	4	2	4	5	3	3	1	3	3	2
C	4	74	19	2	1	4	3	4	5	5	4	1	4	4	4	3	5
C	4	76	19	3	2	3	2	4	1	4	4	5	5	1	3	5	5
C	4	80	20	3	2	3	3	5	5	4	3	3	2	2	4	4	2
C	5	84	22	3	2	4	3	4	1	3	3	4	1	2	2	1	5
C	5	85	20	3	2	3	3	4	4	4	3	4	4	2	3	3	3
C	5	86	20	3	2	5	4	5	1	5	5	4	5	5	1	2	1
C	5	89	22	3	2	2	5	5	2	5	4	5	4	2	2	1	1
C	5	96	21	3	2	3	4	4	2	3	4	3	3	2	3	2	2
C	5	99	20	3	2	4	4	3	4	3	5	3	4	2	3	2	4
Y	1	2	18	2	1	4	2	4	4	3	3	2	4	2	2	3	2
Y	1	3	19	2	1	2	3	3	2	4	5	4	2	2	3	2	3
Y	1	4	19	2	1	4	2	2	5	4	5	3	5	4	5	2	2
Y	1	6	19	2	1	2	3	2	2	3	3	2	3	2	4	2	2
Y	1	7	19	2	1	5	3	3	5	1	3	2	1	2	3	5	3
Y	1	8	19	2	1	3	2	4	2	5	5	4	2	3	2	1	2
Y	1	10	19	2	1	4	2	3	1	5	5	3	1	2	4	2	4

Y	1	11	18	2	1	1	2	4	5	5	3	4	2	3	5	2	2
Y	1	12	19	2	1	3	2	4	3	3	2	4	2	3	2	3	3
Y	1	17	19	2	1	3	5	3	5	1	5	1	3	5	4	3	2
Y	1	21	19	2	1	4	2	4	5	4	5	3	5	2	4	3	2
Y	1	23	21	2	1	4	3	3	4	1	4	1	3	1	3	4	4
Y	1	25	18	2	1	2	3	4	2	4	4	3	2	2	3	2	2
Y	1	27	21	2	1	3	2	4	5	1	5	2	3	3	2	3	3
Y	1	28	18	3	1	4	3	3	2	1	2	2	2	4	2	5	2
Y	1	29	21	2	1	3	2	3	3	2	4	3	4	3	4	2	2
Y	1	32	20	2	1	4	3	3	4	3	4	4	4	3	3	4	3
Y	2	33	18	2	1	3	2	3	2	4	3	2	3	5	3	4	2
Y	2	36	20	2	1	2	3	3	2	3	3	2	2	3	4	3	2
Y	2	39	19	2	1	3	2	5	4	3	4	5	4	3	2	3	2
Y	2	47	19	3	1	5	2	4	2	3	1	1	5	5	5	3	5
Y	2	51	22	3	3	4	4	3	4	3	4	4	3	4	4	3	3
Y	2	52	19	2	1	3	4	2	4	3	2	4	3	4	4	3	5
Y	3	57	19	3	2	4	2	3	4	3	2	3	4	4	3	2	4
Y	3	59	18	2	1	3	2	4	3	2	3	4	3	2	4	3	5
Y	3	63	19	2	1	5	4	1	5	4	3	1	5	4	5	3	4
Y	4	65	19	3	1	3	1	2	5	4	4	2	5	1	3	5	5
Y	4	71	20	3	2	4	4	3	1	2	2	5	5	2	4	3	1
Y	4	72	20	3	2	4	2	4	3	3	4	3	3	3	4	3	3
Y	4	73	20	2	2	4	3	4	3	4	3	3	4	3	4	3	5
Y	4	81	19	2	1	3	2	2	5	4	4	1	3	4	1	2	3
Y	5	87	20	3	2	3	4	4	2	5	4	3	2	2	4	2	2

Y	5	90	20	2	1	2	3	3	2	4	3	3	4	1	3	4	1
Y	5	92	20	2	1	5	5	5	3	3	5	5	1	1	4	3	1
Y	5	93	20	3	2	4	3	4	5	3	5	3	2	3	4	4	3
Y	5	95	20	3	2	4	2	5	5	2	3	5	5	2	5	3	3
Y	3	100	19	3	2	5	3	1	5	5	4	3	3	4	5	2	3
Y	3	104	21	3	2	3	2	2	4	4	4	2	3	2	2	4	4
Y	5	105	25	3	1	5	1	4	4	4	5	3	4	5	3	1	3
Y	5	106	24	3	3	3	1	4	3	5	5	5	5	1	3	4	3

SWLS1	SWLS2	SWLS3	SWLS4	SWLS5	FMI1	FMI2	FMI3	FMI4	FMI5	FMI6	FMI7	FMI8	FMI9	FMI10	FMI11	FMI12	FMI13	FMI14
4	4	3	5	2	3	2	2	3	3	2	3	2	2	1	2	2	2	2
5	4	5	3	6	3	4	2	3	3	3	3	3	3	2	2	2	2	2
3	3	3	5	3	3	3	4	4	4	3	3	4	4	3	2	2	1	3
5	2	4	3	1	3	2	3	2	3	2	3	4	2	1	1	2	4	2
5	6	6	5	1	3	4	2	4	4	4	2	2	4	1	1	4	1	2
2	3	3	3	6	3	4	3	3	3	2	3	1	3	3	3	3	2	2
4	6	5	5	4	3	3	4	3	3	3	3	4	3	2	2	3	3	2
1	5	4	6	5	3	4	1	3	3	2	4	2	2	1	2	3	3	2
2	7	6	6	1	4	4	1	4	3	4	4	1	4	1	3	4	2	2
2	4	4	3	2	4	4	3	2	3	1	2	2	3	2	3	3	2	3
6	4	7	4	4	4	4	1	4	1	1	1	1	4	1	2	1	1	4
7	2	3	5	7	4	2	4	3	2	1	2	3	4	2	3	2	2	4

2	3	7	6	5	1	3	2	3	3	3	2	1	2	2	1	2	2	2
5	4	5	6	5	4	4	3	4	4	1	4	1	4	2	4	1	1	2
4	6	5	5	3	1	3	2	3	3	3	2	1	2	2	3	2	2	2
5	5	6	1	6	4	3	2	4	3	3	2	3	3	3	3	2	3	4
4	5	6	5	3	4	4	2	3	3	3	2	2	4	3	3	3	1	4
5	5	6	4	6	4	4	4	4	4	4	3	4	4	4	3	2	2	3
5	4	7	1	5	4	2	4	4	3	4	2	3	2	3	1	3	3	4
5	2	4	1	5	4	2	4	4	3	2	2	3	2	3	2	2	1	2
5	2	5	4	2	3	1	3	3	3	4	1	2	3	3	3	2	1	4
6	6	6	7	6	4	2	3	2	2	3	2	2	1	2	1	3	4	2
4	6	4	1	6	4	3	3	4	2	4	4	4	2	4	1	1	3	1
3	2	3	4	1	2	4	2	1	4	4	1	1	1	4	3	1	2	1
6	7	5	6	5	1	4	3	1	4	3	2	1	4	3	1	3	3	1
6	2	6	5	2	3	3	4	3	4	4	4	1	2	4	4	2	1	3
5	6	6	6	5	1	4	3	3	4	4	2	3	4	4	4	1	2	1
3	5	7	7	4	1	2	1	3	2	4	4	4	3	4	1	3	2	3
1	2	4	5	4	2	4	4	1	1	2	4	3	4	2	1	4	4	4
5	3	6	5	5	3	4	2	3	4	4	3	3	2	3	1	2	1	2
6	2	6	4	4	1	3	4	1	3	3	4	2	3	2	4	3	2	3
3	5	6	4	5	1	4	1	1	2	4	1	4	4	2	3	3	3	1
5	6	7	6	5	1	4	1	4	3	4	3	1	3	1	1	2	1	4
6	5	7	2	2	4	3	2	2	3	3	3	4	4	3	1	4	2	3
6	6	7	6	4	4	2	4	2	3	4	2	1	3	2	1	2	3	2
5	7	7	7	6	2	3	2	1	2	3	3	2	2	2	3	2	3	3
6	6	6	7	6	4	4	4	3	4	4	4	4	3	3	2	2	3	3

5	5	6	6	3	3	4	2	1	3	4	3	3	4	4	4	3	1	3
2	3	2	1	2	4	3	4	3	4	1	3	2	4	2	2	1	2	1
2	3	2	4	1	3	3	4	4	3	1	3	2	2	2	3	2	3	3
3	5	4	4	7	3	3	1	4	3	3	4	2	2	1	3	3	3	2
1	4	6	5	2	3	2	3	4	3	3	4	2	3	3	3	4	2	3
4	5	4	2	6	3	4	1	1	4	1	1	1	2	1	2	3	3	2
6	4	1	2	1	3	4	3	3	2	2	3	2	3	2	3	1	2	2
6	5	6	4	5	3	2	1	4	3	2	3	2	3	2	4	3	3	2
2	5	6	5	6	4	4	4	1	4	1	4	4	3	2	1	4	1	1
2	4	6	5	4	3	4	3	3	4	2	3	3	2	3	1	4	3	2
5	2	4	6	7	4	3	4	3	3	4	4	3	3	3	2	3	2	3
5	2	2	3	4	2	2	4	1	4	2	2	2	1	4	4	1	3	3
4	6	5	6	5	3	3	4	3	3	3	4	2	3	3	1	2	2	2
4	4	5	2	4	4	4	3	3	3	3	4	2	3	1	2	2	3	2
5	4	3	4	6	3	4	1	3	3	3	3	3	2	2	2	2	2	2
3	4	5	2	3	3	4	2	4	3	3	3	2	3	2	2	3	2	2
1	1	2	4	1	2	2	3	1	2	2	1	4	3	3	1	1	3	4
2	5	6	4	5	3	3	3	3	2	2	3	3	3	2	3	2	2	3
4	4	5	4	5	3	3	2	2	4	3	3	2	3	2	3	2	2	2
6	5	4	5	4	2	3	1	2	4	4	3	4	3	4	2	1	2	1
4	6	5	5	6	4	3	2	3	3	3	2	1	4	1	1	1	4	2
3	2	4	4	6	2	4	3	4	1	2	2	3	2	3	1	2	1	2
4	2	2	1	2	4	2	4	3	3	1	4	2	3	1	4	1	4	2
5	5	6	5	6	4	4	2	3	3	3	2	2	4	3	3	3	-	-
5	5	4	5	4	2	4	4	4	2	1	4	1	4	1	4	1	4	1

3	4	5	4	2	2	3	2	3	1	1	1	1	3	4	1	1	1	4
6	5	6	5	5	4	4	3	3	3	3	2	1	4	3	1	3	3	3
6	7	6	3	2	1	4	3	1	3	2	2	1	4	2	1	2	3	1
3	2	2	3	5	1	4	3	1	4	4	4	1	3	4	4	1	3	1
2	5	5	6	4	3	2	3	1	1	1	2	3	3	2	3	4	1	4
6	7	7	6	6	4	4	3	3	2	4	2	4	4	4	2	2	4	2
2	3	5	4	6	4	4	4	4	4	3	4	3	2	4	1	1	3	1
6	4	7	2	5	4	1	4	1	4	3	1	1	4	4	3	2	2	2
6	4	7	6	4	2	4	2	3	4	2	2	4	4	3	3	4	1	4
3	4	6	2	5	1	4	3	3	4	3	4	3	1	2	3	3	1	2
6	6	7	6	5	4	2	2	4	2	4	2	2	4	2	1	2	1	2
5	4	6	4	5	3	4	2	4	4	3	2	1	3	3	1	1	3	3
4	5	6	6	6	4	4	3	1	4	4	1	1	1	3	1	3	1	3
2	4	6	6	1	4	4	4	3	4	3	3	2	4	1	2	1	2	1
4	5	6	4	6	4	3	1	1	2	3	3	4	3	1	2	3	1	3
7	4	6	6	1	2	4	1	4	3	2	4	3	4	1	3	1	3	3
6	2	2	4	6	2	3	4	4	1	3	3	4	1	1	2	4	2	4

JSE1	JSE2	JSE3	JSC4	JSE5	JSE6	JSE7	JSE8	JSE9	JSE10	JSE11	JSE12	JSE13	JSE14	JSE15	JSE16	JSE17	JSE18	JSE19	JSE20
4	2	2	4	6	4	5	1	2	7	2	3	7	1	3	2	7	7	4	6
6	4	3	2	3	4	6	5	4	6	5	5	4	5	4	2	5	1	3	4
1	7	6	7	4	5	1	2	6	4	4	2	7	7	3	7	7	2	4	4
2	7	7	1	7	7	1	1	7	7	1	1	7	7	1	7	7	7	1	7
1	7	4	7	7	1	1	1	3	1	4	2	7	7	7	7	7	7	7	7
4	3	1	4	5	3	4	6	5	3	7	2	4	5	6	4	2	5	3	5
2	5	3	4	6	3	2	2	6	5	2	2	5	4	3	4	4	6	1	7
1	7	6	7	4	7	1	4	7	5	1	4	3	1	7	7	4	6	3	6
6	7	1	7	6	1	2	4	7	7	4	4	3	6	7	7	7	4	1	7
4	6	6	2	4	4	2	5	6	6	2	3	6	4	4	4	6	7	3	2
4	7	2	4	6	2	1	3	6	7	3	6	6	7	6	4	5	1	2	7
6	5	3	2	4	5	3	6	4	3	5	2	4	3	4	2	4	5	3	6
2	3	3	4	3	4	1	3	2	3	3	3	7	6	3	3	2	5	6	7
4	5	4	6	3	4	3	7	2	1	1	7	4	7	7	1	3	1	6	7
3	6	3	4	4	2	2	5	4	4	3	2	3	3	3	2	2	2	5	3
6	6	5	6	5	5	3	3	6	6	4	2	2	2	3	4	6	6	3	7
5	6	5	6	5	6	7	5	4	6	2	3	4	6	4	1	2	1	6	6
7	7	4	4	7	4	4	7	6	6	7	5	5	5	5	4	5	4	6	7
6	5	6	4	5	6	5	5	4	5	5	5	4	6	5	6	5	6	5	6
6	5	6	7	6	6	6	2	4	6	5	5	5	1	6	4	7	3	1	7
4	5	3	7	3	3	3	7	7	6	5	1	7	4	6	6	7	6	4	6
5	4	5	3	6	3	6	4	7	4	6	4	2	6	4	6	3	6	6	7
5	6	4	5	6	3	4	6	7	7	2	1	7	4	6	7	5	7	1	4
5	7	5	6	7	3	1	4	1	6	6	4	5	1	4	5	6	6	4	3

1	7	3	7	7	1	6	2	6	5	6	1	6	1	6	7	7	6	7	7
2	6	4	6	1	4	1	1	2	5	2	1	7	1	2	6	1	7	2	6
6	7	5	6	4	6	5	6	6	5	4	6	5	6	4	6	5	4	3	5
1	7	5	4	7	7	1	3	5	4	5	1	6	1	4	5	6	3	2	6
2	6	4	7	5	4	1	1	4	5	1	4	6	1	4	6	4	2	2	5
1	7	6	5	1	5	1	1	3	5	3	1	1	1	1	3	7	5	1	7
4	3	5	4	5	4	3	4	5	4	3	5	3	4	5	3	5	3	5	4
2	7	6	7	6	7	7	6	5	7	4	7	5	6	7	4	7	5	5	6
4	6	5	7	4	6	2	4	5	6	3	5	6	2	5	6	7	2	3	7
2	7	5	6	7	5	7	1	1	7	2	3	6	2	3	6	4	3	1	1
7	5	4	5	4	4	5	6	6	5	4	6	6	7	6	5	6	7	4	6
1	4	1	7	6	1	4	1	1	2	3	1	1	1	4	3	7	4	6	7
1	7	1	7	7	5	1	1	7	7	2	1	7	1	6	6	6	7	1	6
5	7	2	3	6	3	1	5	1	5	4	5	6	4	5	6	7	4	4	5
6	7	5	5	7	6	1	2	7	6	1	2	7	2	5	7	7	5	2	7
1	1	3	5	7	6	1	1	3	6	4	2	5	4	7	6	5	3	2	7
1	6	3	5	6	3	1	2	2	7	4	2	7	6	3	7	6	6	3	4
4	3	4	5	3	4	4	3	7	6	3	5	4	5	4	4	6	7	1	3
4	5	4	7	6	7	3	4	1	3	6	1	4	2	7	7	1	2	1	7
1	7	7	7	7	6	1	4	6	6	1	4	7	4	1	7	7	1	1	7
1	7	4	2	7	6	1	2	3	7	4	3	6	4	3	6	3	2	4	5
1	2	1	1	7	2	1	3	7	7	4	4	7	2	1	7	7	7	1	7
4	7	1	4	5	1	1	4	7	7	1	4	7	7	7	7	1	7	4	7
5	5	4	3	4	5	4	5	3	5	3	5	4	6	6	4	7	5	5	5
4	5	3	3	2	3	5	3	3	5	1	3	7	7	3	4	4	3	1	3

3	3	4	3	2	3	2	2	7	4	4	3	6	4	5	5	5	4	1	7
3	4	2	7	4	1	1	3	7	4	5	1	4	6	4	6	7	7	1	7
5	2	2	5	3	4	5	3	7	6	3	4	4	6	5	5	6	7	1	2
3	4	3	2	4	5	4	1	5	4	5	3	7	6	4	3	7	2	1	6
5	6	1	7	5	7	1	1	7	7	1	1	7	7	7	7	7	7	1	7
4	5	6	6	3	5	4	3	7	3	5	6	6	4	5	4	6	4	1	5
3	6	4	7	4	3	2	6	7	5	4	4	6	4	5	4	7	4	4	7
4	5	4	7	3	4	2	4	6	5	4	2	7	1	2	4	1	5	4	1
5	6	4	6	6	4	6	6	6	6	6	5	6	3	4	6	6	5	6	7
5	6	4	5	4	5	6	5	4	5	5	3	5	4	5	4	5	4	6	5
1	7	4	4	7	4	1	1	7	7	2	6	7	7	7	7	7	1	1	7
7	6	4	7	3	6	7	5	4	6	2	3	4	7	4	1	2	1	6	4
4	5	3	4	6	1	1	1	6	3	6	4	7	1	3	5	7	6	1	7
6	7	5	7	7	3	1	4	1	6	6	4	6	2	4	7	5	3	2	6
4	6	4	6	3	4	3	2	5	5	5	4	5	3	4	5	4	3	2	4
1	7	3	6	5	7	7	3	7	4	6	7	3	5	4	3	5	7	1	7
4	7	6	4	5	7	5	1	1	3	4	1	1	1	4	4	3	1	1	7
1	7	6	7	7	6	1	1	4	5	1	2	7	1	7	7	3	5	1	7
7	6	6	6	6	6	6	5	7	7	7	6	6	6	6	6	7	6	6	7
5	7	3	7	5	5	1	4	3	4	4	4	3	6	5	6	5	5	5	7
7	6	4	7	4	3	7	5	1	3	6	3	7	4	4	1	5	2	5	3
6	7	3	6	7	6	1	1	6	6	6	2	7	1	5	6	6	6	2	7
1	7	5	7	7	4	1	6	7	6	4	3	4	1	4	7	6	4	2	1
1	7	1	7	7	7	1	1	1	7	4	1	7	1	3	7	7	1	1	7
7	6	5	7	5	5	6	1	5	6	6	5	5	1	6	5	5	6	6	6

1	7	3	7	7	7	3	3	4	6	4	4	3	3	6	2	4	2	6	2
1	7	7	7	7	6	1	1	6	7	1	1	7	1	7	7	7	6	1	7
5	7	4	7	5	5	1	3	4	5	1	1	5	1	7	7	6	2	3	7
1	7	1	7	4	7	4	1	7	5	7	1	7	1	1	7	5	7	5	6
5	7	1	7	7	4	1	1	6	2	7	7	7	7	7	7	7	1	1	7

CDRISC1	CDRISC2	CDRISC3	CDRISC4	CDRISC5	CDRISC6	CDRISC7	CDRISC8	CDRISC9	CDRISC10	PSS1	PSS2	PSS3	PSS4	PSS5	PSS6	PSS7	PSS8	PSS9	PSS10
3	2	3	2	3	3	2	3	1	2	3	2	2	3	2	1	2	1	1	1
3	2	3	3	3	2	1	3	2	3	3	3	2	3	2	3	3	2	3	2
2	1	2	3	2	3	1	1	3	3	2	2	3	3	2	2	3	1	2	1
3	2	1	0	1	2	0	0	0	0	4	4	4	0	2	0	4	4	4	2
3	0	3	3	0	3	0	0	3	0	4	0	4	4	0	2	0	4	3	3
2	3	2	3	2	3	2	2	3	2	2	3	1	2	1	2	3	2	2	1
2	1	2	2	3	2	3	2	3	2	2	3	3	2	3	2	2	2	3	2
2	3	1	2	1	4	3	1	2	3	3	1	3	3	2	1	2	1	3	1
4	2	1	4	3	3	1	3	3	4	4	0	1	3	2	1	1	1	3	4
3	2	1	2	1	4	3	2	3	2	1	3	2	3	2	3	3	1	3	0
4	3	1	0	1	4	2	3	2	2	1	2	1	3	1	3	2	3	4	2
1	2	4	2	1	3	4	2	4	4	2	2	3	2	3	2	1	1	2	1
2	4	3	2	1	3	3	1	2	1	1	3	3	2	1	3	2	2	2	2
4	3	2	3	2	4	2	3	4	3	3	2	0	2	2	1	2	2	2	1
2	1	1	2	2	2	1	1	1	0	2	1	2	2	2	1	1	1	1	1
2	2	3	1	2	2	2	2	3	2	2	3	2	3	1	2	2	1	2	2

4	3	2	4	3	3	4	2	3	4	3	4	2	4	3	2	2	3	2	2
4	2	3	3	4	3	3	4	2	3	3	0	2	3	3	2	1	2	3	2
2	1	3	4	3	4	3	4	3	2	2	2	3	2	2	2	2	3	2	3
4	4	3	4	4	4	3	4	4	4	2	2	0	2	2	2	1	2	2	4
1	2	2	3	2	1	1	2	2	1	3	2	2	3	2	2	1	3	3	2
2	2	1	1	2	2	1	3	1	4	4	4	4	3	3	2	4	1	4	4
3	2	2	3	2	4	4	3	2	3	4	0	3	3	2	0	2	0	0	3
3	2	1	3	2	4	0	2	3	2	4	2	3	2	1	2	2	0	0	2
2	1	2	3	4	4	1	0	4	1	2	3	4	2	2	4	2	2	4	3
1	3	0	4	0	3	3	3	3	1	2	2	2	3	4	2	2	0	3	2
1	2	4	2	2	3	1	3	2	2	3	3	2	3	2	1	2	2	3	3
3	4	3	3	2	4	2	4	4	4	2	1	2	3	2	1	2	2	0	1
3	3	2	3	3	3	1	4	3	1	3	2	2	3	3	4	2	2	2	2
1	3	2	3	3	2	2	1	3	4	1	2	1	3	4	2	4	3	1	1
4	2	4	3	1	4	2	3	4	4	3	2	1	3	2	3	3	1	2	2
3	3	2	1	1	3	1	2	0	1	2	2	2	3	0	1	3	3	2	2
2	3	2	2	1	4	3	3	2	3	2	0	0	2	2	3	0	2	0	0
4	3	3	3	4	3	2	3	3	2	3	3	3	2	2	2	3	1	2	1
2	3	3	3	3	3	3	3	3	3	4	4	4	3	3	2	2	4	3	3
2	2	1	2	3	4	4	2	2	0	2	1	0	2	3	1	3	0	0	2
4	3	4	4	4	4	3	4	4	4	2	0	2	4	4	0	3	3	1	1
2	2	3	2	0	3	2	3	2	1	2	2	2	3	2	2	3	1	1	2
4	2	0	3	3	3	3	2	3	2	2	1	2	3	2	3	3	2	1	2
2	1	3	1	4	4	1	3	2	3	4	3	3	1	2	4	4	2	2	0
3	2	2	3	3	3	1	2	3	1	2	1	2	3	2	3	4	1	2	0

2	3	1	2	2	3	1	3	2	2	2	1	2	3	3	2	2	2	2	3
2	4	1	2	2	4	3	4	4	4	1	2	1	2	2	3	2	2	2	2
0	0	1	1	0	0	1	1	0	0	4	4	4	0	0	1	0	4	4	4
3	2	2	1	2	2	1	3	2	2	4	3	3	2	1	3	2	2	3	1
2	4	4	2	4	4	0	4	4	4	2	0	2	3	4	4	0	1	2	3
3	4	2	1	2	3	2	1	3	4	4	2	0	2	2	1	4	2	2	2
2	3	2	3	3	2	3	2	1	1	3	1	3	3	2	4	2	3	2	3
3	2	3	3	2	0	0	3	2	3	4	2	2	3	2	1	3	2	2	3
3	4	3	3	4	4	1	2	2	1	3	2	2	3	2	3	2	3	4	2
2	1	0	2	1	3	0	3	2	1	2	3	1	2	3	1	2	3	2	1
1	3	2	2	3	3	3	2	2	3	1	1	2	3	3	2	3	3	2	0
3	2	1	2	2	1	3	2	2	2	4	2	3	2	3	3	3	1	2	3
3	2	3	4	3	0	1	2	0	2	4	3	2	4	4	4	2	3	4	3
2	3	3	3	2	3	2	2	3	2	1	1	3	2	1	3	2	3	2	3
2	3	1	3	3	3	0	1	3	2	2	2	2	3	3	2	1	3	3	2
3	2	3	1	0	2	1	2	2	3	4	2	0	0	2	3	1	2	3	1
2	2	2	3	3	2	2	4	3	3	1	1	2	2	2	1	1	1	1	1
3	4	3	2	2	3	2	4	2	3	2	2	1	4	2	2	1	2	2	2
0	4	0	2	1	4	1	2	2	1	2	4	2	0	0	1	0	0	2	2
4	3	2	2	4	4	3	4	2	2	2	2	2	4	3	2	0	2	2	2
1	2	1	2	3	4	2	1	3	1	2	2	3	4	2	2	2	3	1	2
3	2	1	1	2	3	2	1	3	2	3	2	3	2	1	2	2	1	2	2
4	3	2	2	4	3	2	3	4	1	2	3	4	3	2	4	3	3	3	2
2	4	0	0	1	4	3	2	1	2	4	1	2	3	2	3	1	3	2	3
2	3	1	0	0	4	4	2	4	3	4	2	3	2	1	2	0	3	2	3

3	3	4	4	3	4	3	2	3	3	4	3	4	2	2	2	2	1	1	3
2	2	1	1	3	2	1	2	2	2	3	2	2	2	1	2	2	2	1	2
0	1	1	2	3	4	3	2	1	4	2	1	3	2	2	1	2	3	1	1
4	1	2	0	0	3	2	4	4	4	2	4	0	2	0	4	2	2	2	2
3	4	4	3	2	4	2	3	4	4	2	0	2	2	3	2	2	0	2	1
2	1	3	0	3	4	3	2	3	3	1	1	2	1	1	2	2	2	1	3
4	3	4	4	4	4	4	4	3	4	2	2	3	4	3	3	3	4	2	0
2	1	1	3	1	4	2	2	2	4	2	3	4	3	2	2	3	3	4	3
2	1	4	2	1	2	1	2	2	0	1	1	0	2	1	3	0	2	0	3
3	2	0	4	3	4	0	2	4	2	2	2	3	0	4	1	3	0	2	1
2	3	2	1	3	4	3	2	3	4	4	3	3	2	2	3	3	2	1	2
4	3	1	4	4	3	1	1	4	0	2	2	3	4	4	2	2	0	3	0
3	2	2	2	2	2	0	2	2	2	2	2	3	4	2	2	2	1	2	1

POSTSCS1	POSTSCS2	POSTSCS3	POSTSCS4	POSTSCS5	POSTSCS6	POSTSCS7	POSTSCS8	POSTSCS9	POSTSCS10	POSTSCS11	POSTSCS12	POSTSWLS1	POSTSWLS2	POSTSWLS3	POSTSWLS4	POSTSWLS5
3	4	3	3	2	4	2	3	2	3	2	2	3	2	3	4	4
3	4	3	3	2	4	4	3	2	3	2	3	5	5	4	4	5
3	4	4	2	4	4	4	2	4	4	3	2	4	2	3	3	3
2	3	2	4	3	5	3	5	2	4	5	1	3	5	6	4	2
3	2	4	5	3	5	5	3	2	5	2	5	7	6	7	4	7
3	3	4	2	2	3	3	3	2	4	3	2	3	4	3	2	2
3	2	4	2	4	3	3	4	2	4	2	3	3	5	4	3	4

3	4	5	3	4	4	3	5	2	4	3	2	4	6	6	1	3
3	3	5	3	4	4	5	4	3	2	2	2	4	6	5	4	3
3	4	3	2	4	4	3	3	2	2	2	2	4	4	5	3	4
3	2	5	2	3	4	5	4	2	4	3	3	3	6	7	4	5
2	4	3	4	4	3	3	4	3	2	1	2	5	2	2	6	4
3	2	4	4	3	4	4	3	2	3	2	3	4	5	6	5	4
3	5	4	3	4	3	2	3	1	2	3	2	4	6	7	4	4
4	2	2	3	2	3	2	2	3	4	3	2	5	4	3	5	6
3	4	4	3	3	4	3	4	3	4	4	3	6	5	6	4	4
4	3	4	4	3	3	5	4	2	4	3	4	3	6	7	4	5
4	3	5	4	4	4	5	4	2	4	3	3	4	5	6	7	6
3	3	4	4	4	3	3	4	2	3	3	4	3	4	7	6	5
3	2	3	3	2	3	4	5	4	2	3	3	3	6	7	3	1
3	4	2	3	3	3	3	4	3	4	2	3	5	2	5	4	5
4	2	2	5	3	4	2	4	4	4	3	5	3	6	7	6	4
5	1	3	4	3	3	4	5	2	3	4	1	6	2	2	7	6
4	3	2	4	3	2	2	3	3	4	3	4	4	2	3	6	7
3	1	3	4	2	4	3	2	3	4	2	2	5	6	6	5	6
4	5	5	4	5	5	4	1	1	3	3	2	6	3	7	4	5
4	3	3	1	2	4	3	2	1	3	4	2	5	5	5	5	6
4	3	5	3	5	3	4	3	2	3	3	4	5	6	6	6	3
4	2	2	3	3	3	2	5	3	4	5	4	1	2	4	4	5
4	3	3	3	4	3	2	3	2	2	2	3	5	6	6	6	5
3	3	1	4	3	3	1	2	3	3	2	3	3	2	5	1	5
4	2	4	5	4	3	4	5	3	3	3	4	2	2	6	3	2

3	2	4	3	4	3	3	3	2	3	3	3	5	6	6	5	4
3	5	4	2	5	5	5	1	4	5	4	3	3	7	7	7	6
4	3	4	2	5	4	4	4	2	3	3	3	5	5	7	6	5
2	3	3	3	4	4	3	2	3	4	3	3	6	6	7	6	5
2	4	4	2	4	3	4	2	2	2	1	2	5	6	6	7	7
3	4	5	4	3	4	4	3	2	3	3	3	5	3	6	5	3
3	2	3	3	2	4	3	4	3	4	3	3	5	3	4	4	2
4	2	3	2	4	3	3	4	2	2	4	4	1	2	3	2	2
4	3	4	3	2	4	3	4	1	4	2	2	4	5	6	4	5
4	3	2	4	5	3	4	5	3	5	3	4	3	5	4	3	1
3	4	3	2	4	3	2	3	4	2	3	2	3	4	5	3	4
4	4	3	3	4	3	3	3	4	3	5	1	1	2	3	1	2
4	3	4	3	4	2	4	2	2	3	4	3	5	6	5	5	4
4	5	4	5	3	4	3	4	3	2	3	1	6	5	5	4	5
3	2	4	5	4	3	3	3	2	4	3	4	2	3	4	6	5
3	3	4	3	4	4	3	5	2	4	3	2	4	5	6	6	4
4	3	2	3	4	4	3	3	2	3	4	3	3	2	4	3	5
4	2	3	3	4	2	3	2	3	2	2	4	5	4	4	3	4
4	3	3	3	4	5	4	2	3	4	3	4	4	3	5	3	5
3	3	4	3	2	4	3	3	2	4	3	2	4	5	5	6	4
4	3	3	4	4	3	5	2	2	4	4	3	4	3	4	1	5
2	1	3	4	5	3	5	5	4	5	3	4	5	4	7	1	1
3	2	3	4	4	4	4	2	4	4	3	2	4	4	3	3	4
4	4	3	4	4	4	5	2	3	3	4	3	4	4	4	2	4
4	4	3	3	2	4	4	3	1	3	2	3	2	3	5	4	6

4	3	3	2	3	3	3	2	3	4	3	2	2	6	5	3	7
4	3	5	4	4	4	5	4	2	4	3	3	4	5	6	7	6
2	2	4	3	2	2	2	4	2	5	4	3	2	4	5	6	4
4	5	4	4	5	1	3	4	2	3	4	3	4	5	6	6	4
2	5	4	3	4	3	2	3	1	2	3	2	4	6	7	4	4
3	4	3	4	3	2	4	4	3	2	3	3	5	3	4	3	3
1	2	5	2	2	2	5	1	1	3	2	4	7	6	6	6	6
5	4	4	2	3	2	4	3	2	1	4	1	4	6	7	5	4
4	3	2	2	3	4	4	5	4	4	3	4	3	2	5	5	5
3	4	3	2	3	2	3	3	1	3	3	1	4	4	3	5	4
3	2	5	5	4	3	4	3	3	3	3	4	6	6	7	6	5
3	4	3	3	4	4	4	2	3	3	3	4	4	2	3	5	4
4	2	3	3	4	3	2	5	4	5	3	4	6	4	2	7	4
2	4	5	1	5	3	5	3	1	2	4	2	6	6	7	7	6
3	3	4	3	4	3	4	4	2	2	4	1	5	6	5	5	6
3	3	5	2	4	4	5	2	1	3	3	4	3	6	7	7	5
3	3	2	4	4	5	3	4	3	3	3	3	4	4	5	4	5
2	3	3	1	2	3	4	5	3	2	1	2	5	5	5	7	5
3	2	3	5	4	4	3	2	4	3	3	4	6	6	7	7	7
3	2	2	3	4	5	3	2	2	3	3	3	4	3	6	6	4
3	1	5	3	2	5	5	4	1	1	1	1	7	3	7	6	2
2	1	4	3	3	5	5	5	1	3	1	1	7	3	7	6	3

POSTFMI1	POSTFMI2	POSTFMI3	POSTFMI4	POSTFMI5	POSTFMI6	POSTFMI7	POSTFMI8	POSTFMI9	POSTFMI10	POSTFMI11	POSTFMI12	POSTFMI13	POSTFMI14
2	3	3	2	2	3	3	2	3	3	2	3	3	3
3	3	2	3	3	3	2	2	3	3	2	2	3	3
3	3	4	4	3	3	4	4	4	3	3	3	2	4
3	4	2	3	2	4	3	2	3	2	1	4	4	4
2	4	3	4	4	1	3	1	2	1	4	4	2	1
2	3	3	4	3	3	3	2	3	3	3	3	3	2
2	3	2	3	3	4	3	2	4	2	2	1	3	2
4	4	4	3	3	3	4	3	3	2	3	2	1	3
3	2	4	4	3	2	3	3	2	3	4	3	1	3
2	3	3	2	2	3	3	2	3	2	3	2	3	3
4	4	3	4	3	4	2	2	3	1	1	3	4	1
3	2	3	3	2	2	3	3	4	3	4	2	3	2
3	4	2	4	3	3	4	3	3	3	2	3	3	3
2	4	3	4	4	2	3	2	3	3	4	3	4	3
2	1	2	1	1	1	2	2	2	1	2	1	2	2
3	3	3	3	2	3	3	2	3	3	3	3	2	2
4	4	3	3	4	3	4	1	1	1	3	3	3	3
4	4	3	4	3	4	3	3	3	3	4	3	4	3
1	2	2	3	2	2	3	2	2	1	3	2	2	3
2	3	1	2	3	2	2	3	2	3	2	2	1	2
3	3	2	1	2	2	3	2	2	3	2	1	3	2
2	3	2	4	3	2	4	3	4	3	4	1	2	2

4	4	2	3	4	1	3	4	2	4	4	3	3	3
1	2	4	1	3	2	3	1	1	2	1	3	1	2
4	4	1	3	4	1	2	2	1	1	4	2	3	1
3	4	3	4	4	4	4	4	4	4	3	1	1	4
3	3	2	2	2	3	2	2	2	3	2	3	1	2
3	2	1	2	1	3	2	3	4	3	1	2	3	4
4	3	4	2	1	2	3	3	2	1	1	1	3	4
2	4	4	3	2	4	2	4	3	3	2	1	1	3
3	4	1	1	2	1	3	4	4	2	1	3	2	4
2	4	3	1	1	4	2	4	3	2	2	1	3	1
3	2	1	4	3	3	1	1	2	1	2	1	4	4
2	2	2	4	3	1	2	4	4	3	1	2	3	3
4	2	2	1	3	3	1	1	3	3	3	2	1	2
2	4	3	2	3	4	2	1	1	2	1	2	2	2
3	4	2	4	3	3	3	2	3	3	3	2	2	3
4	4	3	1	4	4	1	3	1	3	4	3	1	4
3	3	2	2	1	2	3	2	2	2	1	1	2	2
2	3	3	2	2	3	4	3	3	2	3	3	3	3
3	3	2	3	2	3	3	2	3	3	4	3	4	3
2	4	3	1	1	3	3	2	2	1	3	2	2	4
2	3	2	3	3	2	3	2	3	2	3	2	3	2
3	2	3	3	2	3	3	3	3	3	2	2	2	3
3	3	2	3	2	3	3	3	2	3	4	3	3	3
2	4	2	3	2	3	3	3	3	2	2	3	2	3
2	3	3	4	3	3	3	3	3	2	3	2	3	3

4	3	4	3	3	4	4	3	3	3	2	3	2	3
2	3	3	4	3	3	2	2	3	3	3	2	2	3
3	3	3	2	2	3	3	3	2	3	3	2	3	4
3	3	4	4	3	3	4	4	4	3	3	3	2	3
3	4	2	3	3	2	2	3	3	2	4	3	2	3
3	3	4	3	3	4	3	4	4	3	3	3	4	3
2	4	4	1	4	4	2	4	1	4	1	2	1	4
3	3	4	4	3	3	4	4	4	3	3	3	2	2
3	3	3	3	3	3	4	3	2	2	3	3	3	3
2	4	2	3	2	2	1	2	2	2	2	2	1	3
3	3	2	3	1	2	1	1	3	4	2	2	3	1
4	4	3	4	3	4	4	3	3	3	4	3	4	3
4	1	4	1	1	3	2	2	4	4	1	3	2	3
4	3	2	4	1	3	1	1	3	4	3	3	3	1
2	4	3	4	4	2	3	1	2	2	-	-	3	2
3	2	3	2	2	1	3	1	2	1	1	2	3	4
4	4	3	3	4	3	3	1	4	4	3	2	3	4
4	4	2	4	1	4	1	2	1	1	1	4	1	4
2	4	3	1	4	4	4	1	2	3	3	2	3	4
4	4	3	3	4	4	4	3	3	4	3	3	1	3
3	1	3	3	2	4	4	3	3	4	3	3	3	2
4	2	3	3	3	3	3	3	1	2	2	1	2	3
3	4	2	1	3	4	4	3	2	1	4	1	2	4
3	4	3	4	3	4	3	3	4	3	3	4	2	4
2	4	3	3	3	3	4	3	1	2	3	2	2	3

4	4	4	4	4	4	4	4	4	4	3	4	3	3
4	4	2	3	3	3	2	1	3	2	2	3	3	2
3	4	1	1	1	4	2	1	4	4	4	2	3	4
4	4	4	3	3	4	3	3	4	3	3	1	2	1
3	4	4	2	3	4	2	3	3	2	3	2	1	3
3	4	1	4	4	3	3	3	1	1	3	2	4	3
3	4	1	3	4	3	3	4	1	3	2	3	3	2

POSTJSE1	POSTJSE2	POSTJSE3	POSTJSE4	POSTJSE5	POSTJSE6	POSTJSE7	POSTJSE8	POSTJSE9	POSTJSE10	POSTJSE11	POSTJSE12	POSTJSE13	POSTJSE14	POSTJSE15	POSTJSE16	POSTJSE17	POSTJSE18	POSTJSE19	POSTJSE20
6	7	4	6	6	4	7	6	5	6	5	6	6	6	4	5	5	4	5	5
5	4	6	4	5	5	5	4	6	4	4	5	3	5	3	4	5	5	5	5
1	7	4	5	7	4	1	1	4	6	4	2	7	1	5	7	7	4	4	4
4	6	4	5	6	2	3	4	5	7	7	4	3	5	3	2	5	5	4	5
7	7	6	6	5	4	7	6	6	7	7	7	6	3	7	7	7	6	1	7
4	4	3	4	3	3	4	3	3	4	3	4	3	3	4	4	3	4	3	4
2	4	3	2	7	5	2	5	7	6	1	2	6	4	6	4	6	4	2	4
3	6	4	3	6	5	1	2	7	6	4	4	7	4	4	4	4	6	2	7
4	6	2	4	2	4	2	2	5	2	5	4	4	3	3	5	2	4	3	4
4	3	4	3	4	3	4	2	5	4	6	5	5	4	3	5	4	5	3	4
4	7	3	4	2	5	2	3	6	4	3	6	3	5	4	6	6	3	5	2
6	4	5	2	5	3	7	4	5	3	4	5	3	6	4	2	4	3	5	4
4	3	2	4	3	4	3	4	3	4	4	3	3	3	3	3	4	3	4	3
5	6	5	7	7	6	4	5	6	5	5	6	6	5	5	-	-	-	5	6

4	5	5	6	2	6	5	6	5	6	5	6	4	4	4	5	5	4	4	5
5	3	5	4	5	4	5	4	4	5	4	5	3	5	4	4	3	4	3	4
5	5	4	5	5	4	6	5	5	6	5	5	6	6	5	5	6	5	5	5
4	5	4	6	2	6	6	5	6	4	5	6	6	5	5	5	5	4	5	5
2	3	4	3	4	3	5	6	4	5	4	3	5	4	5	2	5	3	4	3
4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	3	5	1	3	5
4	3	5	2	4	4	5	5	3	3	4	5	5	5	7	6	5	2	3	4
6	7	5	4	6	4	1	1	3	7	1	2	6	1	2	7	4	2	4	2
7	4	6	7	4	4	6	2	6	7	3	1	7	4	3	5	4	4	7	5
1	7	4	6	4	5	1	2	1	4	4	3	5	5	4	4	5	5	3	4
6	7	2	3	2	6	5	5	1	6	7	4	3	1	4	3	7	6	1	6
1	7	2	7	1	2	1	1	1	7	1	1	7	1	7	7	1	5	2	7
5	6	4	7	5	3	5	6	5	4	5	4	5	4	5	4	5	4	2	5
5	6	7	7	6	5	1	3	3	4	5	2	5	3	2	5	3	1	1	6
1	7	4	6	5	5	2	2	2	4	3	4	6	2	4	6	4	7	1	4
1	7	5	6	6	7	1	1	2	3	2	7	1	1	6	5	6	1	2	2
6	6	4	6	5	6	6	5	4	5	6	4	6	2	4	6	6	3	4	5
4	6	4	6	3	3	4	3	5	6	5	6	7	5	4	6	6	5	5	4
6	5	4	7	5	5	5	3	5	5	6	6	6	6	3	5	6	6	2	6
2	6	5	6	7	6	1	3	4	7	2	4	6	2	3	4	4	6	2	4
5	7	6	6	7	6	7	7	7	7	6	6	7	1	3	6	7	6	4	6
4	7	3	1	7	2	1	1	1	7	4	3	7	1	3	7	5	4	2	7
1	7	1	7	7	5	1	3	6	7	2	2	2	6	6	7	6	7	2	6
4	7	4	3	3	4	3	5	1	6	6	6	6	4	4	4	7	6	4	4
2	6	4	6	6	6	2	5	7	6	5	2	6	2	3	6	6	4	3	5

5	7	3	5	6	5	3	5	6	6	4	3	6	6	3	2	6	5	3	5
4	3	4	4	4	5	3	3	4	5	2	5	3	5	3	3	3	5	3	5
6	7	6	2	4	5	2	6	7	6	7	3	6	5	2	7	6	7	3	7
4	3	4	3	4	4	4	5	4	4	5	4	3	4	6	4	4	3	4	3
5	6	5	4	5	6	6	5	4	4	6	3	5	5	4	2	3	4	3	2
3	4	3	5	4	3	5	4	4	5	4	5	4	5	3	5	4	5	3	5
6	7	4	6	6	4	7	6	5	6	5	6	6	6	4	5	5	4	5	5
5	5	6	6	3	4	2	4	4	2	5	4	6	4	4	1	2	2	6	4
3	6	4	3	7	5	6	2	4	7	5	6	5	5	4	5	4	4	7	5
4	3	4	4	3	5	2	4	4	3	3	5	3	4	5	2	4	3	3	5
5	4	3	4	5	3	2	2	6	4	3	4	4	5	3	5	4	2	3	4
4	6	3	4	5	3	4	3	5	3	5	2	2	5	2	2	5	2	4	1
4	3	4	4	4	5	3	3	4	5	4	5	3	5	6	3	3	5	6	5
4	7	3	6	7	5	1	4	4	6	4	4	5	7	5	3	7	4	5	3
5	7	6	1	7	5	1	1	7	7	5	3	7	6	2	7	7	7	1	7
1	7	4	5	6	4	1	4	4	5	4	4	5	7	5	5	7	5	5	5
4	5	4	5	4	3	4	4	6	6	5	4	6	5	4	6	5	5	4	4
4	7	4	7	6	5	6	1	7	7	6	1	7	5	6	7	5	4	1	7
3	4	3	4	4	3	4	6	3	4	3	5	3	5	3	4	3	5	3	5
5	6	5	7	7	6	3	5	6	5	5	6	6	5	5	6	6	4	5	6
5	7	6	7	7	5	2	2	1	4	2	6	3	1	1	1	4	5	1	7
4	5	-	4	4	3	1	6	4	5	4	3	5	3	7	4	5	3	5	3
4	3	4	7	6	6	4	6	7	3	5	7	7	5	7	6	7	4	2	7
3	6	4	6	5	3	2	2	5	5	3	3	6	2	4	5	6	4	2	5
6	7	6	4	4	6	2	5	5	5	4	6	6	6	5	5	5	4	4	5

5	4	2	3	5	2	3	3	4	5	2	3	5	2	3	4	2	3	4	2
3	7	4	7	6	6	3	5	6	7	6	7	7	2	4	4	5	4	2	6
1	7	6	6	6	6	1	1	4	3	1	2	7	1	5	6	6	3	1	6
5	7	6	7	7	6	6	6	6	5	6	6	6	7	7	6	6	6	7	7
5	6	4	4	5	3	3	3	3	4	3	4	5	2	6	6	6	6	4	7
1	7	6	7	6	5	1	1	5	7	4	7	6	1	4	7	7	4	3	6
1	7	4	7	7	5	1	1	4	6	2	4	7	1	4	7	6	7	1	4
1	1	2	6	6	4	2	4	6	6	4	3	6	2	4	5	5	5	2	7
1	7	4	7	7	6	1	1	6	4	1	1	7	4	7	7	7	6	6	1
1	7	4	6	5	4	7	2	6	6	4	2	5	1	3	7	6	2	4	6
5	6	5	6	4	4	5	3	3	6	5	6	6	1	4	4	6	5	1	3
1	7	1	7	7	1	1	1	7	7	1	1	7	1	7	7	7	5	1	7
7	7	5	6	5	5	2	2	4	4	4	5	6	2	7	7	4	3	2	7
1	7	1	7	6	7	1	1	1	7	1	1	7	1	6	7	7	7	1	7
1	7	1	7	7	7	1	2	1	6	1	1	7	1	5	7	7	7	1	7

POSTCDRISC1	POSTCDRISC2	POSTCDRISC3	POSTCDRISC4	POSTCDRISC5	POSTCDRISC6	POSTCDRISC7	POSTCDRISC8	POSTCDRISC9	POSTCDRISC10	POSTPSS1	POSTPSS2	POSTPSS3	POSTPSS4	POSTPSS5	POSTPSS6	POSTPSS7	POSTPSS8	POSTPSS9	POSTPSS10
2	3	1	1	2	3	2	2	1	1	1	2	2	3	2	2	1	2	1	3
3	2	2	2	3	3	3	3	2	2	2	2	2	2	3	2	2	3	3	2
2	2	2	3	1	3	2	2	1	2	2	2	3	2	2	2	3	1	2	2
2	1	1	2	3	2	1	2	3	1	2	3	4	3	2	3	4	2	2	3
4	3	2	3	4	4	2	2	3	3	4	2	3	3	3	4	4	3	3	4
2	3	2	3	2	2	3	2	2	2	1	2	2	1	2	2	2	2	2	3
3	2	2	1	2	3	2	2	2	1	1	2	1	3	2	1	1	2	2	2
3	2	2	3	1	4	4	3	2	4	4	3	2	4	3	2	1	2	2	2
1	1	3	2	1	1	2	2	3	1	2	3	0	3	2	1	0	1	3	2
2	3	2	2	2	3	3	2	2	2	2	2	3	3	2	3	2	2	2	3
3	3	2	1	3	4	2	3	3	2	2	2	3	2	3	2	1	2	3	2
2	3	2	1	1	2	3	2	3	3	2	1	2	3	1	1	3	3	1	3
3	2	2	3	3	4	3	4	3	4	2	2	1	2	3	2	3	2	2	3
2	4	3	1	3	2	3	2	2	2	3	3	2	3	3	2	0	2	3	2
2	3	3	1	3	3	2	3	2	2	3	3	2	3	2	3	2	0	1	2
3	2	3	2	1	3	2	1	3	2	2	3	2	3	3	2	2	2	2	3
2	2	3	2	3	2	3	2	3	3	2	3	2	3	3	4	3	3	4	3
2	3	3	1	3	3	2	3	2	2	3	3	2	3	2	3	0	2	3	2
2	1	2	1	2	2	1	2	2	2	4	3	3	2	3	2	4	3	2	3
3	3	1	2	3	2	3	2	3	2	2	3	2	3	2	3	2	1	3	2
1	2	0	1	2	1	0	1	3	1	2	1	3	2	2	3	1	2	3	3

1	2	3	4	2	1	0	2	3	1	4	2	3	3	2	2	4	3	2	4
2	4	3	4	2	3	3	4	2	3	4	3	4	3	1	2	3	2	2	2
3	1	0	2	2	2	0	2	0	2	3	3	3	2	1	2	1	0	2	3
1	2	1	3	0	4	2	0	4	4	3	2	0	2	4	0	2	1	3	3
3	4	0	4	1	3	2	3	4	3	3	2	1	2	2	0	2	0	2	1
2	2	3	3	3	2	3	2	2	2	4	3	3	3	2	2	3	2	2	2
3	4	4	3	4	4	2	2	2	3	3	2	4	4	3	2	2	2	1	2
2	3	2	3	3	2	2	2	3	1	1	2	1	3	2	2	2	1	2	1
2	2	1	2	3	3	2	3	2	2	2	3	2	3	2	1	2	1	2	1
2	2	3	4	3	3	2	2	1	0	2	2	3	4	3	2	4	0	1	1
0	0	2	2	1	3	2	2	2	3	2	1	2	3	1	2	3	2	2	0
1	1	2	1	1	3	1	1	1	2	2	3	2	3	2	3	1	3	2	3
4	3	4	4	3	4	2	3	4	1	2	2	1	4	4	2	2	1	1	2
3	3	2	4	4	4	4	3	3	4	2	2	3	3	2	3	3	2	4	4
2	1	1	2	2	4	1	4	3	3	1	3	3	3	2	3	3	1	2	2
2	3	4	3	3	4	4	4	4	4	2	1	1	3	3	1	4	2	2	1
1	2	1	0	2	3	3	2	2	2	2	1	1	3	2	2	3	1	2	2
2	3	2	2	3	1	1	2	2	1	2	2	3	2	3	2	3	1	2	3
2	3	3	1	1	2	1	2	1	1	2	1	2	3	2	3	3	1	2	2
3	3	2	1	2	3	4	2	3	2	2	3	2	3	2	3	4	3	2	3
2	3	1	3	4	2	1	1	2	1	3	2	3	4	1	2	4	3	2	1
2	3	2	1	2	2	1	2	2	1	2	2	3	2	3	2	4	2	3	2
2	2	2	1	1	2	1	2	1	1	3	2	3	2	3	4	2	1	0	2
3	3	4	2	3	3	2	3	3	3	3	2	3	2	4	2	3	2	2	3
2	3	1	1	2	4	2	2	3	1	1	2	2	3	3	2	1	2	1	3

2	2	2	1	1	3	3	3	2	2	2	3	2	2	1	2	3	2	2	1
2	2	2	3	1	3	4	3	2	4	4	3	3	2	3	3	1	3	3	2
2	2	3	1	2	2	2	2	3	3	2	3	3	2	3	2	3	3	2	2
2	1	2	2	1	4	2	1	3	4	2	1	2	1	3	2	2	3	2	2
3	3	2	3	3	4	4	3	3	2	2	3	1	3	1	3	1	3	1	3
3	3	2	1	2	3	4	2	3	1	2	3	2	3	2	3	4	3	2	3
2	3	2	3	2	2	3	2	3	3	2	2	3	2	2	2	3	1	2	2
2	1	2	4	2	2	1	1	2	2	2	3	4	3	1	3	2	3	0	3
2	4	3	3	1	3	1	2	1	1	2	2	3	2	2	2	3	2	2	2
2	2	3	3	1	2	2	1	2	2	2	2	3	2	3	2	3	3	2	3
3	2	3	1	2	3	2	1	1	1	0	1	0	2	3	1	0	1	0	1
2	3	0	1	0	1	1	3	1	2	-	-	-	-	-	-	-	-	-	-
-2	4	3	3	2	4	3	4	3	2	3	3	2	3	3	2	0	2	3	2
2	3	2	2	1	4	2	1	1	1	2	3	1	3	3	1	4	1	3	1
2	3	0	0	2	2	2	4	0	2	2	2	2	3	2	2	4	2	2	2
2	2	1	-	2	4	4	1	1	4	2	2	3	3	2	3	1	2	2	3
2	1	2	1	2	3	1	0	2	1	2	3	2	2	2	3	2	1	2	2
4	4	3	4	3	4	4	4	3	4	0	0	0	2	0	0	4	3	2	0
2	4	1	3	0	4	3	3	2	1	2	1	3	2	3	1	3	1	3	2
3	2	2	1	3	4	3	3	4	3	3	2	3	2	3	2	3	1	2	2
2	3	3	3	3	3	1	2	3	3	3	2	3	2	2	2	2	2	3	2
2	3	1	0	2	3	3	1	2	1	2	3	3	0	0	2	2	2	1	2
2	1	2	1	2	3	3	2	2	3	4	2	3	2	3	2	2	2	3	4
1	3	2	3	4	4	1	2	4	4	3	2	4	3	2	1	2	3	2	3
3	4	4	4	4	4	4	4	4	4	2	0	2	4	4	1	3	2	0	0

2	3	3	2	3	4	3	1	3	3	3	2	1	3	2	1	2	2	3	2
4	3	3	4	4	4	4	4	4	4	0	2	1	3	2	3	3	2	3	1
4	3	2	4	2	4	2	1	3	3	2	2	3	4	2	2	3	1	3	2
2	3	4	2	2	2	4	1	2	4	0	2	2	4	2	2	3	2	3	2
3	4	2	1	4	3	0	0	1	3	3	1	2	1	3	0	3	0	1	0
2	3	3	4	4	4	2	1	3	2	2	2	3	1	3	3	3	2	2	3
3	1	2	4	3	4	0	1	4	1	2	2	3	4	2	2	2	2	3	2
4	2	1	3	2	4	1	1	4	2	2	3	3	4	4	2	2	3	2	3

Sit & reach	PFR	Handgrip Right 1	Handgrip Right 2	Handgrip Right 3	Left 1	Left 2	Left 3	Pinch Lateral 1	Lateral 2	Lateral 3
5.8	250	38	38	38	40	38	38	6	5	4.5
18.1	300	44	44	42	44	48.4	39.6	5.5	8	5.5
10.3	380	58	55	55	50	55	48	10	8	8
8	320	50	45	40	25	25	30	10.5	6	7
9.8	270	35	30	35	35	35	35	4.5	5.5	5
13	220	30	30	26	25	25	30	4	3	4.5
-	170	31	31	26	26	26	22	2	0	0
-	270	45	37	40	35	35	34	6	4	5
11.2	290	40	45	39	40	45	45	9	8	8
18.7	220	57	45	52	47	47	50	10	6	6.5
16.4	320	45	38	40	40	40	45	6.5	7	5

3.3	210	48	48	44	29	35	37	2	2	2
16.5	220	29	22	24	22	24	31	5.5	3.5	3.5
9.8	200	25	25	25	25	20	25	2	3.5	2
10.4	300	40	31	37	35	33	31	4.5	3	4.5
14	220	45	45	45	40	47	40	8.5	8	7
13.2	220	31	35	35	42	40	35	5.5	5.5	2
2.6	240	35	35	32	30	25	30	6	4.5	3
12.2	350	40	35	44	37	40	44	8	9	8
-1.3	260	40	35	40	37	40	33	6	7	6
17.2	240	40	35	35	40	37	40	6.5	6	6
12.3	160	33	22	26	22	22	26	3	2.5	2
11	220	45	35	40	35	35	35	7	5	5.5
-	320	65	65	65	60	60	60	7.5	6	6
12.2	210	50	45	40	35	40	30	7	6.5	5.5
5	260	44	44	40	44	48	44	6.5	7.5	7.5
19	360	35	34	30	30	36	35	5	4	3
-	240	45	40	35	35	30	35	6	4	4.5
-	250	40	40	40	35	35	35	4	5	5
13.1	340	50	55	45	47	40	40	6.5	6	5.5
9	220	55	45	52	55	50	50	7	5	7.5
9.5	290	40	40	35	40	40	40	5	6	5
7.2	310	36	32	31	40	35	35	6	5	8
11	280	40	40	40	45	45	45	4	8	6
9.5	230	35	39	35	30	39	35	1	4.5	2.5
19.5	150	42	40	35	29	31	25	6	4	6

11	310	50	45	45	45	40	40	7.5	7.5	5
6.5	330	40	35	40	40	35	39	5	6	6.5
11	220	50	50	48	48	48	44	9	10	9
18.2	240	48	40	44	44	44	40	4.5	5.5	5.5
14.9	320	40	32	32	40	35	30	7	5	5
15	300	46	45	42	39	31	30	8	7.5	7
17.8	290	40	42	42	46	36	40	9	6	8
18.9	260	47	46	45	37	36	32	8	6	5
13.2	250	40	45	35	45	45	45	6.5	7.5	7
18.1	340	54	54	61	49	40	47	11	10	11
15.7	270	45	45	45	40	35	40	9	7	9
9.6	300	51	50	50	50	50	43	8	7	6
12.6	260	45	40	39	40	35	39	5	4	3.5
5	350	40	44	35	30	36	30	5	3	5
5.4	230	55	44	48	48	46	48	5.5	4.5	6.5
7.5	400	40	40	46	47	45	38	4.5	5.5	3
5.4	300	48	44	46	37	44	35	4.5	2	2
12.7	290	40	42	40	38	33	40	9	9	7
6	210	40	35	35	35	35	34	5	3.5	4.5
7.8	230	42	44	44	40	35	35	8	5.5	3
0.3	250	42	31	33	33	33	31	5.5	6.5	4
9.8	230	50	50	45	40	40	40	5	3	5
7.4	270	28	25	22	27	31	31	4.5	2	4
10.1	220	35	32	32	22	25	32	4.5	2.5	4.5
2.1	200	24	24	18	22	26	31	5.5	4.5	5.5

-3	340	35	36	31	40	35	31	3	3	2.5
11.5	380	48	53	48	44	42	44	9	8	8
5.4	380	40	38	38	44	48	44	6	5.5	8
8.8	320	20	25	25	25	30	22	4.5	4	5
10.3	320	34	35	37	40	32	27	7.5	5	6.5
4.8	300	47	45	42	40	40	36	9	9	6
12.4	270	40	37	31	35	31	26	3	2.5	3
2.5	310	33	38	41	38	44	38	1.5	2	2
9.8	340	53	48	53	40	40	37	4	3.5	3.5
1.6	230	45	50	49	46	45	44	9	8	8
18.8	430	48	52	52	50	52	50	4	3	4
13.4	280	33	33	22	22	25	22	2	2	2
10.9	310	48	44	44	44	44	42	3	3	2.5
9.8	350	44	37	48	35	31	35	2.5	2.5	2.5
9.8	260	44	44	37	35	35	35	2.5	2.5	2.5
5.2	270	40	44	44	42	40	35	3.5	3	3
10	270	46	40	45	39	34	35	5	1.5	3
20.4	300	46	45	45	48	47	48	8	9	7
12.3	340	48	52	50	42	42	42	9	7.5	10
9.8	220	28	28	26	30	30	28	6	6	7
19.5	310	42	40	45	35	45	36	5.5	6.5	9
4.5	360	42	36	40	32	40	48	6	6	5.5
10	320	55	55	50	55	55	50	6	5	6.5

Pulp 1	Pulp 2	Pulp 3	Chunk 1	Chunk 2	Chunk 3	Purdue Right	Left	Both	Assembly
1	1	3	1	5	3.5	15	14	11	37
2.5	1	1	4.5	4	2.5	21	18	14	37
3.5	1	4.5	8	8	8.5	18	16	13	41
2	4	3	7	7	4	16	17	15	29
3	2	2	6	4.5	3.5	16	17	14	37
1	1	1	3.5	2.5	3	18	14	13	32
2	0.5	0	1	2	2	16	13	9	29
3	4	4	4	4	3.5	18	14	12	32
3	4.5	4	7	7	6	17	15	13	33
3	4	6	4.5	7	6	17	15	13	31
3	2	1	6	2	3.5	19	18	15	34
2	1	0.5	2	2.5	2	17	16	13	27
2	1	1	2	2	2	17	14	12	32
2	1	1	2	1	3	16	15	12	31
2	2	1	3	2	3	16	14	10	24
6	5	4	6	6	6	17	14	13	29
1	1	1	3	2	3	17	13	13	42
2	1.5	2	5	3	2	18	16	14	24
3.5	4	3.5	4.5	5.5	5.5	18	17	12	32
3	3	4	4	3	4	16	14	12	32
4	3	2	3.5	3	4	17	15	13	43
0	0	0	2	2	1	16	17	11	40

2	1	2	3	3	3.5	17	15	13	33
4	3	3	5	4.5	6	22	18	15	34
6	5	2	4	3	3	18	14	13	32
2	3	4.5	6.5	7.5	6.5	18	14	12	34
2	2	2	2	3	3	18	16	11	31
2.5	2	3.5	3.5	7.5	6	17	16	14	26
2	3	3	4	3.5	3	15	15	11	28
4	4	3	4	4.5	4	17	16	12	33
3.5	4	4	8	10	8	17	17	12	24
1	1	1	2	2.5	3.5	19	14	15	41
3	3	4.5	6	5.5	5	17	15	11	29
4	3	5	7	7.5	5.5	17	15	13	31
0	1	1	2.5	3	3.5	18	15	12	37
1	2	1	3	4	3	18	14	13	36
4.5	4	4	5	6.5	6	18	19	13	36
3	2	1	6	4	4	18	16	13	31
2	6	2	5.5	10	8	16	15	13	32
2	2	2	4.5	8	5.5	19	18	14	39
4	1	2	4	4	5	16	16	16	39
6	3	3	6	4	4	15	12	11	27
4	1	5	3	2	2	16	16	13	40
3	1	3	4	3.5	3	18	19	13	42
3	2	2.5	6	5.5	3	20	17	19	31
5	5	6	9	7	7	20	18	14	35
3	5	7	6	6	6.5	16	14	14	43

2	2	2	5.5	6	6.5	19	15	14	35
2.5	1.5	2.5	4	4	5	17	17	14	38
0	1	1.5	5	4	5	16	17	14	26
1	2	2	2	3	3	16	14	12	40
1	2	1	2	2	2	15	11	9	26
4.5	4	1	3	4	1	20	13	14	33
2	5.5	5	9	5	6	17	14	11	28
1	1	1	5	3.5	3.5	18	18	13	44
2	3.5	1	5	5	3.5	15	14	11	33
3	4	4	6	4	4.5	15	14	13	29
2	2	3	7	7	7	16	13	12	36
1	1	0.5	2	1	1	17	15	13	37
1	1	0	4	2	2	13	14	11	30
1	0	1	2	2	3.5	17	14	13	33
1	2	2	1.5	1.5	2	17	17	14	34
4	4	3	6.5	6.5	6.5	19	16	15	30
1	2	3.5	3.5	3.5	4.5	18	14	12	43
2	1	1	2.5	2	5	16	14	13	32
2	2	5	7.5	5	8	16	15	12	32
4	3.5	3	6	3	4	20	16	14	33
1	0.5	1	2	1.5	2	18	16	12	38
1	0.5	1	1	1	1.5	19	16	13	32
1	1	1.5	4	2.5	2.5	16	16	13	31
5	3.5	4	8.5	8	8	18	17	12	33
1	1	1	4.5	3	4	19	15	13	36

0.5	1.5	1	1.5	2	2	18	18	13	32
1	1.5	1	3	1	1	16	15	12	34
1	1.5	1.5	2	2	1.5	17	14	11	30
1.5	1	1	2.5	1.5	1.5	16	12	10	30
2	1	1	2.5	2	2	18	14	13	33
1	1.5	2	3	1.5	3	20	15	14	41
6	3	4	7	7	4	18	15	14	31
7	7	9	10	10	12	19	16	14	33
4.5	5	5.5	6	7	5.5	17	14	13	30
5	5	5.5	4	5	7	19	17	13	39
1	1.5	3	3	3	4	16	16	12	40
5	6	5	7	7	6	13	14	10	26

Sit & reach post	PFR post	Handgrip Right 1 post	Handgrip Right 2 post	Handgrip Right 3 post	Left 1 post	Left 2 post	Left 3 post	Lateral 1 post	Lateral 2 post	Lateral 3 post
6	310	39	34	30	30	32	30	5.5	8	6
20	380	41	47	57	40	47	45	6.5	7	7
16	380	50	54	60	45	40	40	7	7.5	8
8.5	320	45	50	40	30	32	35	7.5	5.5	5
13.5	300	40	33	34	42	35	32	6.5	7	7
10	260	30	32	35	32	35	32	5.5	6	7

5	330	32	30	30	32	32	28	2.5	1.5	1.5
10	380	40	40	40	42	40	35	7	8	5
10	330	45	44	45	44	40	44	8	9.5	10
16.7	380	45	45	48	48	40	46	8	9	7.5
20	370	51	47	50	38	35	32	6.5	8	8
7.2	330	52	52	50	45	40	40	9	5	4
17.5	200	32	32	35	26	26	30	3	2.5	3
10	260	28	30	28	22	18	20	3	3	3
17.5	300	35	32	36	35	32	30	5	6.5	6.5
17.5	240	50	48	48	40	42	42	9	7	9
11.7	300	35	38	35	40	35	34	6	4.5	5
5	300	25	30	30	32	25	26	4.5	5.5	6
13.2	380	50	50	45	38	50	45	6	7	6.5
-1.2	290	35	32	35	35	30	30	7	6	7
16.3	300	42	45	45	34	34	35	6.5	5	5.5
17.8	-	25	30	30	22	32	32	2	1.5	2.5
11.6	270	32	30	35	30	24	24	8	10	7
9	360	60	60	60	62	56	55	7.5	5	5
10.8	280	40	32	30	30	25	30	3.5	4	2
5.2	280	50	45	40	42	42	35	8.5	8	8
17.5	330	40	35	34	35	36	36	4	5	3
8.3	280	40	35	35	30	28	26	2	3	3
-4.8	340	40	40	40	32	34	32	3.5	0.5	3.5
13	360	50	44	45	40	35	30	8	6	6
10.4	240	54	55	54	42	38	40	9	8	7

8.2	380	40	45	38	32	30	35	5	4.5	4
66.8	300	35	38	32	30	26	26	6	6	4
11.4	320	40	40	38	37	35	30	6	5	6
-	260	40	32	36	30	30	35	5	5	4
20.9	320	35	40	40	26	26	28	5	5	6
10.2	330	47	40	42	40	40	40	7	6.5	8
11	310	40	35	35	30	26	26	8	7.5	7
11	270	40	40	45	42	40	45	7	7.5	6
19.9	270	40	37	40	43	35	30	5.5	5	4.5
14.2	310	40	32	35	40	32	30	5	6	4.5
12	330	46	42	46	40	35	35	8	8	8
16.3	360	43	44	40	36	35	38	10	10	10
21.6	280	45	45	42	32	34	30	6.5	7	7.5
17	300	47	46	46	47	40	45	5.5	9	6.5
19.8	350	55	55	54	40	40	42	8.5	8	9.5
13.5	260	42	43	45	38	44	44	10.5	9	8
8.5	310	55	48	52	44	48	48	9	5.5	5.5
17.7	280	43	43	42	42	40	36	7	5.5	6
1.3	330	35	35	40	28	30	30	5	3	4.5
4	310	52	45	52	46	47	40	6	6	5
4	440	35	38	35	50	45	42	4	3	2.5
4.9	300	40	47	47	36	36	35	2.5	4	5.5
-	340	35	34	35	30	32	32	7.5	6	8.5
9.3	180	34	35	28	25	25	26	4	3	3
-	250	48	42	45	33	32	40	5.5	5	5.5

-	330	40	45	47	27	32	27	6	5	5
11	310	38	42	40	38	40	38	4	2	5
7.5	340	30	35	30	30	32	35	6.5	4	1.5
16.5	260	34	35	30	30	25	30	6.5	5	4
7.2		25	24	30	27	37	34	5	8	3.5
11	340	40	40	44	40	44	40	6.5	4.5	5
8	380	45	46	48	40	40	40	6.5	8.5	6.5
11	410	37	44	45	44	44	46	5	6	6
18.5	300	27	28	26	22	24	20	5.5	5	5
10.8	300	36	35	30	35	26	30	6	6	6
10	340	37	40	40	37	32	35	8	5.5	4.5
9	300	32	35	32	35	26	26	5	5	3
7.5	340	50	50	45	42	40	37	6	5	5
9.8	340	50	45	40	37	32	32	6	6	6
9.8	320	45	50	40	45	45	42	8	7	9.5
20	440	55	57	45	50	50	50	8	4.5	6
15	370	25	30	30	25	30	30	4	2	1.5
11	370	50	45	40	35	42	35	4.5	5	3
8	340	40	45	43	35	30	30	3.5	4	4
12	320	35	38	37	35	35	35	4.5	5	3.5
6.7	330	34	35	34	30	29	30	5	5	5
11	300	38	38	34	30	28	24	4.5	3.5	5.5
22.7	300	37	37	39	37	40	45	7.5	9	9
21.6	370	52	50	45	52	45	45	4	6	5
20	280	27	30	27	25	25	25	4	5	5

23.6	310	37	40	40	45	40	40	4	5	5
16.2	380	45	40	37	51	45	45	3	5	4
12	370	40	45	45	38	44	46	7	7	6

Pulp 1 post	Pulp 2 post	Pulp 3 post	Chunk 1 post	Chunk 2 post	Chunk 3 post	Purdue Right post	Left post	Both post	Assembly post
5	7	3.5	5	5	4	15	13	10	36
5	2	2	7	5	4	20	17	14	38
7.5	7	8	13	12	13	20	16	14	47
6	3.5	0.5	5.5	4.5	4	18	15	14	18
3	5.5	4.5	5	5	4	20	18	14	47
2.5	3	2	3.5	3.5	7	20	15	13	32
1	0.5	0.5	5	3	2.5	18	12	11	31
4	6	5	11	12	9	17	16	12	35
4	5	6	10	10	10	16	14	12	25
6	7	6	4	6	5	18	16	12	34
2	2	4	7	8	7	20	16	16	41
5	3	1	11	6	2.5	16	16	13	32
0.5	1.5	1	6	1.5	1	20	16	14	37
2	1.5	1	2	2	2	18	17	12	32
4	3	3	5	5	4	13	13	11	25

4	8	7.5	6.5	7.5	7	19	16	13	29
1.5	3	2	6	4	5	18	14	12	47
2	1	1	2	9	6	19	17	13	36
2	3	2	3	6.5	5	19	17	13	32
1	3	3.5	5	4	4	19	17	13	34
4.5	4	3	5	6	6.5	18	16	14	43
0	0	0	1.5	1	1	20	17	14	44
4	4	2	7	6	6	17	15	16	32
3.5	3	3	6	5.5	5.5	22	19	15	40
0	1	2	1.5	3	3	19	17	13	42
4.5	5	5.5	10	6	9	16	15	13	30
3.5	2.5	2	5.5	3.5	3	17	13	11	33
1.5	1.5	1.5	6.5	1	8.5	17	16	14	31
0	0	1.5	0	0.5	2.5	18	15	12	35
4	3.5	2	5	5	5	19	18	12	43
5	5	5	10	5	7	18	17	12	29
2	1	1	4	4	5	18	19	18	44
6	3	3	5	5	5.5	19	15	18	32
1	0.5	0.5	4	7.5	3	17	16	11	35
3	3	4	5	6	4	17	15	18	33
3	1	1	1	3.5	2	17	14	12	33
2	6	3.5	5	3.5	5	19	15	10	36
3	4.5	4	5	4	3	17	18	14	30
4	6.5	5	7	4	7	18	18	14	32

3.5	3	4	7	7	6	21	18	14	41
2	2	1	4	4	3	18	18	14	41
4	3	2	8	3.5	4	16	17	11	32
1.5	3	4.5	4.5	4.5	3.5	20	16	15	46
5	4	2.5	4	6.5	5	19	19	16	38
1	3	2.5	4.5	5	6	19	18	15	45
6	5.5	3	6.5	7.5	7	20	18	13	38
3.5	4	7.5	8	7.5	7	19	15	14	42
2	2	1	4	5	4.5	21	17	16	38
2	4.5	3	5	6.5	6.5	19	18	11	32
2	1	1	5.5	5	5.5	17	16	13	37
1	2	2	4	2.5	4	17	16	13	37
0	0	0	1	0	0	13	12	11	23
3	2	3	6	2.5	4	19	15	14	37
5	3	5	4.5	5.5	7	18	14	13	30
2	3	1	1.5	2	2	19	17	14	35
2	2	3	4	5	3.5	18	16	14	40
4	4	1.5	3.5	3	5.5	15	12	10	29
1.5	4	3.5	5	5	3	19	17	12	30
1	1	1	3	5	3	18	17	14	39
2	2	1	3	3	2.5	17	16	12	27
0	0	0	5	4	3	17	15	16	36
3.5	2	5	4	4	5.5	20	18	15	39
5	3	6	9	8	7	21	17	14	35

4	4	5.5	6	2	3	18	16	12	43
2.5	3	1	4	2.5	4	18	17	13	38
4	2	4	6.5	4.5	6	17	16	13	32
5	5	3.5	4	4	3	19	17	12	34
4.5	3.5	2	3	3	3.5	18	17	15	38
3	2	3	3	3.5	3	17	16	14	32
1	4	4.5	4	5	7	14	16	12	29
2	5	5	6	7	7.5	20	16	14	40
7	4.5	5	7	6.5	6.5	18	14	11	36
1	1	1	2	1	1	19	17	16	38
1	0	3	1.5	1	2	16	17	12	32
2	1.5	1.5	4	3	3	16	14	11	29
3	2.5	1	2.5	1	2	16	14	12	29
2	4	3	5	6	7	19	14	13	35
1	1	2.5	4	3	4	20	18	13	41
2	6	5	5	5	7.5	16	19	13	42
3	5	6	9.5	8	8	19	16	14	33
3	3	2	2	3	4	19	17	13	36
3	3	5	3	7	4	19	17	13	39
0	0	1.5	3	5	3.5	16	17	12	40
3	2.5	3	4	3	4.5	14	16	13	29

## 5.0 LIST OF PUBLICATIONS FROM THIS DOCTORAL THESIS

1. Mathad, M. D., Pradhan, B., & Rajesh, S. K. (2017). Correlates and predictors of resilience among baccalaureate nursing students. *Journal of Clinical and Diagnostic Research*, *11*(2), JC05-JC08.
2. Mathad, M. D., Pradhan, B., & Sasidharan, R. K. (2017). Effect of yoga on psychological functioning of nursing students: A randomized wait list control trial. *Journal of Clinical and Diagnostic Research*, *11*(5), KC01-KC05.
3. Mathad, M. D., Rajesh, S. K. & Pradhan, B. Spiritual Well-Being and Its Relationship with Mindfulness, Self-Compassion and Satisfaction with Life in Baccalaureate Nursing Students: A Correlation Study. *Journal of Religion and Health*. Accepted for publication.

**DOI :** 10.1007/s10943-017-0532-8