

## **BAB V**

### **PENUTUP**

Bab ini akan dibahas kesimpulan akhir dari penelitian tentang pengaruh kualitas jasa (kehandalan, daya tanggap, jaminan, empati, dan bukti fisik) pada kepuasan konsumen, hubungan kepuasan konsumen pada loyalitas konsumen, serta kualitas jasa (kehandalan, daya tanggap, jaminan, empati, dan bukti fisik) pada loyalitas konsumen. Selain itu, dalam bab ini juga akan diberikan beberapa saran dan masukan yang diharapkan dapat bermanfaat bagi Universitas Atma Jaya Yogyakarta pada khususnya sekaligus bagi penelitian selanjutnya pada umumnya.

#### **5.1. Kesimpulan**

Uji-F (simultan) dapat dilihat bahwa variabel kehandalan, daya tanggap, jaminan, empati, dan bukti fisik secara bersama-sama berpengaruh pada kepuasan konsumen mahasiswa UAJY. Hasil uji-t (parsial) diketahui bahwa variabel kehandalan berpengaruh paling rendah pada kepuasan konsumen mahasiswa UAJY, variabel daya tanggap, jaminan, dan bukti fisik berpengaruh pada kepuasan konsumen mahasiswa UAJY. Variabel empati berpengaruh paling tinggi pada kepuasan konsumen mahasiswa UAJY.

Berdasarkan hasil uji regresi berganda diketahui bahwa variabel kehandalan, daya tanggap, jaminan, empati, dan bukti fisik mempunyai tingkat

hubungan yang kuat pada kepuasan konsumen mahasiswa UAJY. Variabel kualitas jasa memberi pengaruh sebesar 57% pada kepuasan konsumen mahasiswa UAJY. Sisanya 43% kepuasan konsumen dipengaruhi oleh variabel-variabel lain.

Hasil Uji-F menunjukkan bahwa variabel kepuasan konsumen berpengaruh positif pada loyalitas konsumen. Hasil dari uji regresi sederhana dapat diketahui bahwa variabel kepuasan konsumen memiliki hubungan yang kuat dengan variabel loyalitas konsumen. Sebesar 47% kepuasan konsumen mempengaruhi loyalitas konsumen mahasiswa UAJY. Sisanya 53% dipengaruhi oleh faktor-faktor lain.

Uji-F (simultan) selanjutnya dapat dilihat bahwa variabel kehandalan, daya tanggap, jaminan, empati, dan bukti fisik secara bersama-sama berpengaruh pada loyalitas konsumen mahasiswa UAJY. Hasil uji-t (parsial) diketahui bahwa variabel kehandalan berpengaruh paling rendah pada loyalitas konsumen mahasiswa UAJY. Variabel daya tanggap, jaminan, dan empati berpengaruh pada loyalitas konsumen mahasiswa UAJY, sedangkan variabel bukti fisik berpengaruh paling tinggi pada loyalitas konsumen mahasiswa UAJY.

Berdasarkan hasil uji regresi berganda diketahui bahwa variabel kehandalan, daya tanggap, jaminan, empati, dan bukti fisik mempunyai tingkat hubungan yang kuat pada loyalitas konsumen mahasiswa UAJY. Variabel kualitas jasa memberi pengaruh sebesar 51% pada loyalitas konsumen mahasiswa UAJY. Sisanya 49% loyalitas konsumen dipengaruhi oleh variabel-variabel lain.

## 5.2. Implikasi Manajerial

Universitas Atma Jaya Yogyakarta sebaiknya melakukan berbagai peningkatan dalam kualitas jasa yang disediakan untuk meningkatkan kepuasan mahasiswa agar menjadi semakin loyal. UAJY selanjutnya perlu untuk mempertahankan dan meningkatkan kualitas yang ada sekarang ini, seperti variabel empati harus dipertahankan dan ditingkatkan, karena variabel empati memiliki pengaruh yang besar pada kepuasan konsumen. UAJY juga perlu mempertahankan dan meningkatkan bukti fisik yang dimiliki, karena variabel bukti fisik paling besar mempengaruhi loyalitas konsumen.

Empati menjadi salah satu yang terpenting, karena mampu mempengaruhi kepuasan dari mahasiswa. Perhatian dan kepedulian karyawan serta tenaga pengajar yang dimiliki UAJY saat ini sudah cukup baik. UAJY juga perlu untuk mempertahankan dan meningkatkan sumber daya manusia yang dimiliki saat ini, misalnya dengan melakukan pelatihan-pelatihan yang dapat meningkatkan kemampuan sumber daya manusia yang dimiliki, agar kedepan sumber daya manusia tersebut dalam memberikan pelayanan jasa terbaik yang diharapkan mampu memberikan kesan mendalam bagi mahasiswa. Namun disamping itu, UAJY juga perlu meningkatkan kehandalan, daya tanggap, jaminan, dan bukti fisik agar kepuasan mahasiswa juga meningkat.

Universitas Atma Jaya Yogyakarta juga perlu melakukan pengembangan gedung dan fasilitas-fasilitas yang menunjang pelayanan. Pengembangan-pengembangan yang dapat dilakukan seperti penggunaan teknologi yang tepat dalam menunjang proses penyampaian jasa, penambahan ruang hijau terbuka

untuk ruang diskusi mahasiswa, dan perluasan lahan parkir kendaraan, karena saat ini kenyamanan dalam penggunaan lahan parkir bagi pengguna kendaraan dirasa kurang begitu nyaman. Peningkatan bukti fisik yang dilakukan UAJY dapat membantu mempertahankan dan meningkatkan bukti fisik yang dimilikinya. UAJY juga perlu meningkatkan kehandalan, daya tanggap, jaminan, empati, dan kepuasan mahasiswa agar loyalitas mahasiswa dapat meningkat.

Perlu bagi UAJY untuk memperhatikan mahasiswanya, agar mahasiswa yang dimiliki menjadi puas dan loyal atas kualitas jasa yang diberikan. Mahasiswa yang puas dan loyal atas kualitas jasa yang diberikan dapat mampu membantu UAJY dalam merekrut calon peserta didik.

### **5.3. Keterbatasan Penelitian**

Penelitian ini mengacu pada peneliti sebelumnya Chang-Hsi, Yu; Hsiu-Chen, Chang; Gow-Liang, Huang (2006), tetapi variabel yang digunakan hanyalah kualitas jasa, kepuasan konsumen dan loyalitas konsumen. Sedangkan variabel demografi tidak digunakan dalam melakukan penelitian ini karena keterbatasan peneliti. Responden yang digunakan hanya terbatas pada mahasiswa aktif UAJY pada semester gasal 2014/2015, sehingga hasil penelitian ini tidak dapat dijadikan acuan untuk mengeneralisasikan konsumen pendidikan di universitas lain.

#### 5.4. Saran

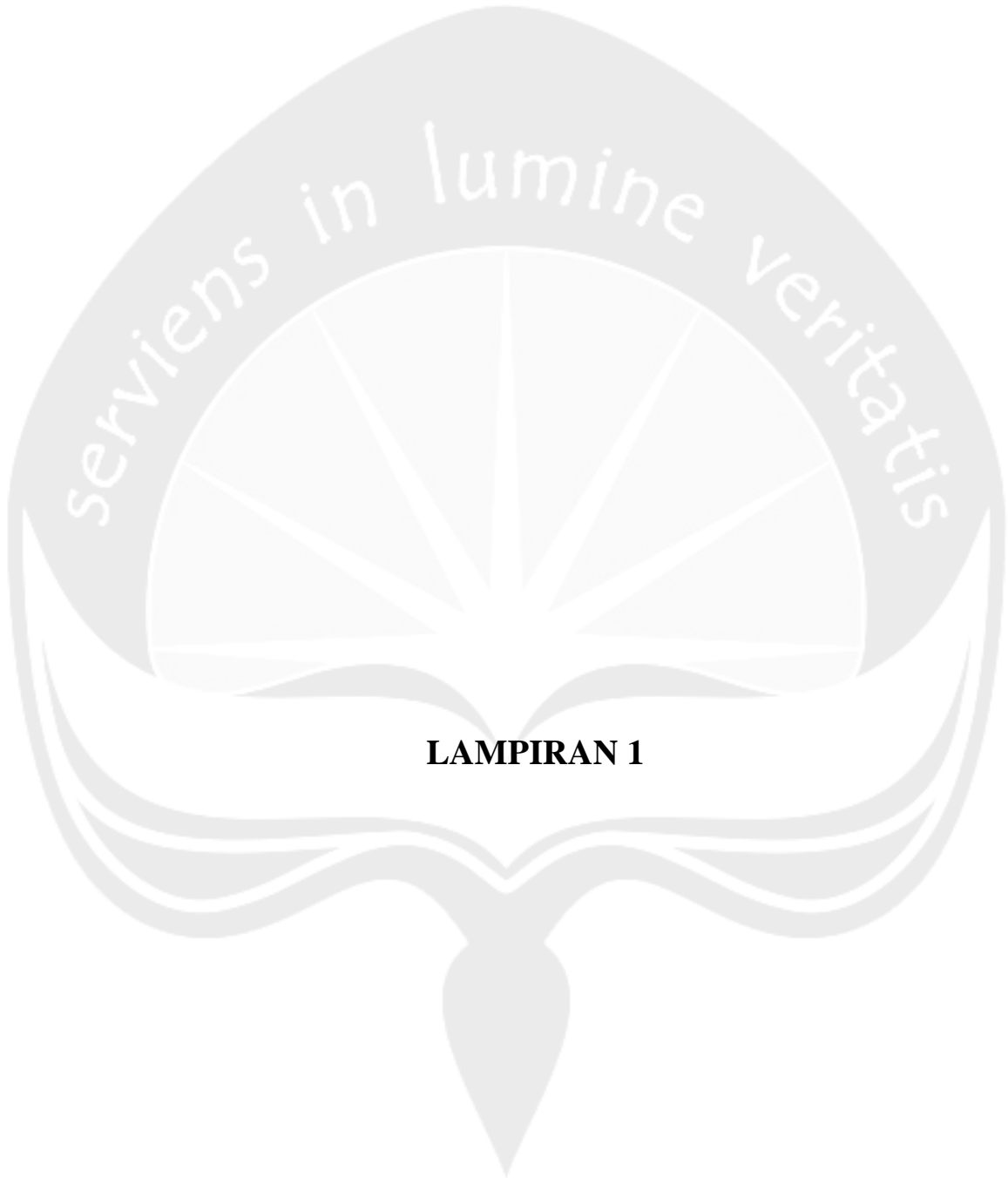
Penelitian ini menggunakan variabel yaitu kehandalan, daya tanggap, jaminan, empati, dan bukti fisik sebagai variabel independennya. Hasil penelitian ini masih menunjukkan variabel lain yang mempengaruhi kepuasan konsumen maupun loyalitas konsumen. Perlu untuk penelitian selanjutnya dapat ditambahkan variabel lain yang dapat memperjelasnya.

Penelitian yang selanjutnya juga dapat memperbesar sampel dan memperluas kriteria sampel. Pengambilan sampel yang lebih besar dan kriteria yang lebih luas, dapat meneliti jasa pendidikan yang lebih luas juga dan tidak hanya di UAJY saja. Selain itu, penelitian selanjutnya dapat membedakan kualitas jasa antara tenaga akademik (dosen) dan karyawan.

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**LAMPIRAN 1**



### Kuesioner

Angket ini semata-mata untuk kepentingan ilmiah, oleh karena itu saya akan merahasiakan semua identitas yang mahasiswa / mahasiswi berikan. Atas perhatian dan kerja sama dan bantuannya, saya ucapkan terimakasih.

#### Identitas Responden

Nama : .....

Jenis Kelamin : Laki-laki / Perempuan

Umur : ..... tahun

Program Studi : .....

Tahun Angkatan Masuk di UAJY : .....

Saya berasal dari :

- a. Daerah Istimewa Yogyakarta
- b. Luar Daerah Istimewa Yogyakarta namun masih di dalam Pulau Jawa
- c. Luar Pulau Jawa

Saya memiliki Kerabat (Saudara Kandung ataupun saudara sepupu) yang pernah atau sedang mengikuti studi di UAJY

- a. Iya, jumlah ..... orang
- b. Tidak

Alasan memilih untuk kuliah di Universitas Atma Jaya Yogyakarta, karena :

(boleh lebih dari satu pilihan)

- a. Letaknya di Yogyakarta
- b. Salah satu Universitas favorit
- c. Program studi yang terakreditasi
- d. UAJY merupakan salah satu Universitas Katholik
- e. Fasilitas yang disediakan UAJY
- f. Biaya kuliah yang relatif terjangkau
- g. Biaya hidup yang relatif terjangkau di Yogyakarta
- h. Memiliki teman (kelompok referensi) yang pernah/sedang mengikuti studi di UAJY
- i. Memiliki keluarga(kelompok referensi) yang pernah/sedang mengikuti studi di UAJY
- j. Lulusan UAJY menjadi SDM yang berkualitas

Berikut ini terdapat pernyataan yang berkaitan dengan “Pengaruh Kualitas Jasa terhadap Kepuasan Konsumen dan Loyalitas Konsumen Pada Mahasiswa Universitas Atma Jaya Yogyakarta”. Berilah tanda (√) pada setiap jawaban anda pada kolom penilaian, setelah mencocokkan dengan kolom pernyataan.

STS = Sangat Tidak Setuju, TS = Tidak Setuju, N = Netral,

S = Setuju, SS = Sangat Setuju

1. Keandalan (*Reability*)

| No | Kolom Pernyataan  | STS | TS | N | S | SS |
|----|---|-----|----|---|---|----|
|    |   | 1   | 2  | 3 | 4 | 5  |
| 1  | Saya merasa bahwa karyawan UAJY memberikan pelayanan sesuai dengan yang dijanjikan.         |     |    |   |   |    |
| 2  | Bila mahasiswa memiliki masalah, UAJY akan bersungguh-sungguh membantu dalam memecahkannya. |     |    |   |   |    |
| 3  | Saya merasa bahwa UAJY memberikan pelayanan secara tepat sejak awal.                        |     |    |   |   |    |
| 4  | Saya merasa bahwa kehadiran tenaga pengajar UAJY tepat waktu didalam mengajar.              |     |    |   |   |    |
| 5  | Saya merasa bahwa UAJY berusaha untuk selalu tetap mempertahankan pelayanan yang terbaik    |     |    |   |   |    |
| 6  | Saya merasa bahwa tenaga pengajar UAJY mampu menyampaikan materi perkuliahan dengan baik    |     |    |   |   |    |

2. Daya Tanggap (*Responsiveness*)

| No | Kolom Pernyataan  | STS | TS | N | S | SS |
|----|---|-----|----|---|---|----|
|    |   | 1   | 2  | 3 | 4 | 5  |
| 1  | Saya merasa bahwa UAJY selalu berusaha memberikan informasi yang dibutuhkan mahasiswa saat memerlukannya. |     |    |   |   |    |
| 2  | Saya merasa bahwa tenaga pengajar dan karyawan UAJY tanggap dalam memberikan pelayanan kepada mahasiswa.  |     |    |   |   |    |
| 3  | Karyawan dan tenaga pengajar UAJY selalu bersedia membantu para mahasiswa.                                |     |    |   |   |    |
| 4  | Karyawan dan tenaga pengajar UAJY selalu siap untuk merespon kebutuhan para mahasiswa.                    |     |    |   |   |    |

3. Jaminan (*Assurance*)

| No | Kolom Pernyataan   | STS | TS | N | S | SS |
|----|--|-----|----|---|---|----|
|    |  | 1   | 2  | 3 | 4 | 5  |
| 1  | Saya percaya pada pengetahuan dan kemampuan karyawan dan tenaga pengajar UAJY.                                 |     |    |   |   |    |
| 2  | Saya merasa yakin terhadap sistem pendidikan yang diterapkan UAJY dapat mengembangkan kemajuan bagi mahasiswa. |     |    |   |   |    |
| 3  | Karyawan dan tenaga pengajar UAJY selalu bersikap sopan.   |     |    |   |   |    |

4. Empati (*Empaty*)

| No | Kolom Pernyataan  | STS | TS | N | S | SS |
|----|---|-----|----|---|---|----|
|    |   | 1   | 2  | 3 | 4 | 5  |
| 1  | Saya merasa bahwa karyawan dan tenaga pengajar UAJY memberikan perhatian secara individu kepada mahasiswa yang membutuhkan. |     |    |   |   |    |
| 2  | Saya merasa bahwa karyawan dan tenaga pengajar memiliki kepedulian terhadap mahasiswa.                                      |     |    |   |   |    |
| 3  | Saya terkesan terhadap pelayanan yang diberikan oleh karyawan dan tenaga pengajar UAJY.                                     |     |    |   |   |    |
| 4  | Karyawan dan tenaga pengajar memahami kebutuhan mahasiswanya.   |     |    |   |   |    |
| 5  | Jam operasional UAJY sudah memberikan kenyamanan bagi mahasiswanya.   |     |    |   |   |    |

5. Bukti Fisik (*Tangibles*)

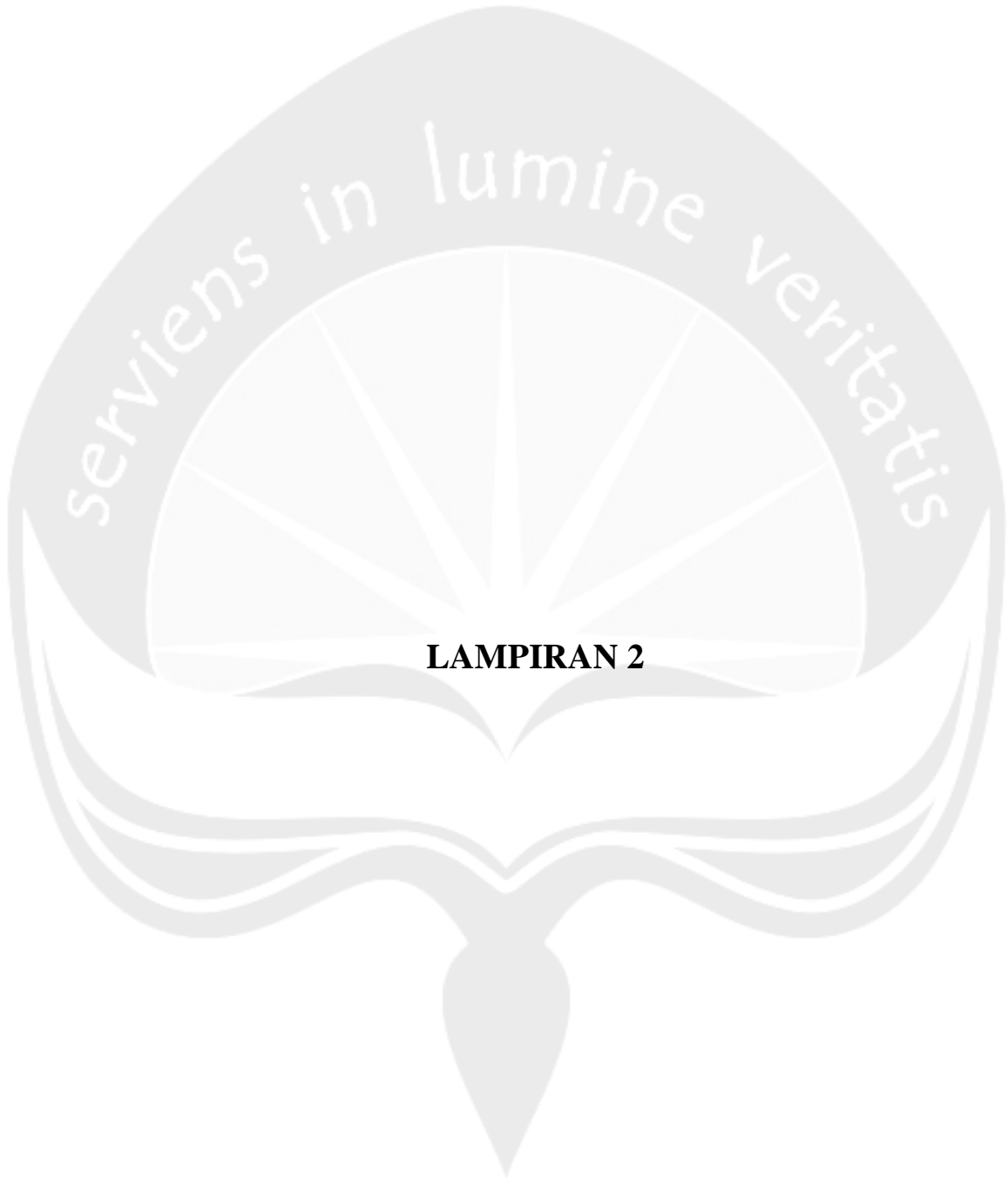
| No | Kolom Pernyataan  | STS | TS | N | S | SS |
|----|---|-----|----|---|---|----|
|    |   | 1   | 2  | 3 | 4 | 5  |
| 1  | UAJY memiliki peralatan modern dan terbaru yang baik dalam memberikan pelayanan kepada mahasiswa. |     |    |   |   |    |
| 2  | Saya merasa bahwa fasilitas fisik yang dimiliki UAJY membuat mahasiswa menjadi nyaman.            |     |    |   |   |    |
| 3  | Saya merasa bahwa karyawan dan tenaga pengajar UAJY berpenampilan rapi.                           |     |    |   |   |    |
| 4  | Saya merasa bahwa alat-alat yang berkaitan dengan pelayanan sangat menarik secara visual.         |     |    |   |   |    |

6. Kepuasan (*Satisfaction*)

| No | Kolom Pernyataan   | STS | TS | N | S | SS |
|----|--|-----|----|---|---|----|
|    |  | 1   | 2  | 3 | 4 | 5  |
| 1  | Saya merasa puas dengan keputusan saya kuliah di UAJY.                         |     |    |   |   |    |
| 2  | Kinerja pelayanan UAJY sesuai dengan harapan saya.                             |     |    |   |   |    |
| 3  | Saya memiliki persepsi bahwa UAJY adalah salah satu kampus terbaik Yogyakarta. |     |    |   |   |    |

7. *Loyalitas*

| No | Kolom Pernyataan   | STS | TS | N | S | SS |
|----|--|-----|----|---|---|----|
|    |  | 1   | 2  | 3 | 4 | 5  |
| 1  | Saya ingin melanjutkan pendidikan program S2 di UAJY.  |     |    |   |   |    |
| 2  | Saya akan menceritakan hal-hal positif mengenai UAJY kepada orang lain (teman, kerabat ataupun keluarga).        |     |    |   |   |    |
| 3  | Saya akan merekomendasikan UAJY kepada setiap orang yang membutuhkan informasi mengenai perguruan tinggi swasta. |     |    |   |   |    |
| 4  | Saya akan mengajak orang lain untuk kuliah di UAJY.  |     |    |   |   |    |



**LAMPIRAN 2**

## DATA RESPONDEN

### Keterangan

| Jenis Kelamin | Umur     | Tahun Angkatan | Jurusan            |    | Asal Daerah                    |
|---------------|----------|----------------|--------------------|----|--------------------------------|
| L = 1         | ≤ 19 = 1 | ≤ 2009 = 1     | Arsitektur         | 1  | Daerah Istimewa Yogyakarta = 1 |
| P = 2         | 20 = 2   | 2010 = 2       | Teknik Sipil       | 2  | Luar DIY dalam Pulau Jawa = 2  |
|               | 21 = 3   | 2011 = 3       | Manajemen          | 3  | Luar Pulau Jawa = 3            |
|               | 22 = 4   | 2012 = 4       | Akuntansi          | 4  | <b>Memiliki Kerabat</b>        |
|               | 23 = 5   | 2013 = 5       | Hukum              | 5  | Iya = 1                        |
|               | ≥ 24 = 6 | 2014 = 6       | Teknik Industri    | 6  | Tidak = 2                      |
|               |          |                | Teknik Informatika | 7  | <b>Jumlah Kerabat</b>          |
|               |          |                | Biologi            | 8  | 0 = 1                          |
|               |          |                | Ilmu Komunikasi    | 9  | 1 = 2                          |
|               |          |                | Sosiologi          | 10 | 2 = 3                          |
|               |          |                | Ilmu Ekonomi       | 11 | ≥ 3 = 4                        |
|               |          |                | Manajemen Int.     | 12 | <b>Alasan Memilih</b>          |
|               |          |                | T. Sipil Int.      | 13 | 1 pilihan = 1                  |
|               |          |                | T. Industri Int.   | 14 | 2 pilihan = 2                  |
|               |          |                | Akuntansi Int.     | 15 | Lebih dari 2 pilihan = 3       |

| R  | Jenis Kelamin | Umur | Program Studi | Tahun Angkatan | Asal Daerah | Memiliki Kerabat | Jumlah Kerabat | Alasan Memilih |
|----|---------------|------|---------------|----------------|-------------|------------------|----------------|----------------|
| 1  | 1             | 3    | 1             | 3              | 2           | 2                | 0              | 2              |
| 2  | 1             | 2    | 1             | 3              | 2           | 1                | 1              | 1              |
| 3  | 2             | 2    | 1             | 3              | 2           | 2                | 0              | 2              |
| 4  | 2             | 3    | 1             | 3              | 2           | 2                | 0              | 1              |
| 5  | 1             | 6    | 1             | 1              | 1           | 2                | 0              | 1              |
| 6  | 1             | 6    | 1             | 1              | 3           | 1                | 1              | 2              |
| 7  | 2             | 6    | 1             | 1              | 2           | 2                | 0              | 2              |
| 8  | 2             | 6    | 1             | 1              | 2           | 2                | 0              | 2              |
| 9  | 1             | 1    | 1             | 6              | 3           | 2                | 0              | 1              |
| 10 | 1             | 1    | 1             | 6              | 1           | 1                | 1              | 2              |
| 11 | 2             | 1    | 1             | 6              | 2           | 1                | 2              | 2              |
| 12 | 2             | 1    | 1             | 6              | 1           | 2                | 0              | 1              |
| 13 | 1             | 2    | 1             | 4              | 3           | 2                | 0              | 1              |
| 14 | 2             | 1    | 1             | 5              | 2           | 1                | 1              | 2              |
| 15 | 1             | 2    | 1             | 4              | 2           | 1                | 1              | 2              |
| 16 | 1             | 6    | 1             | 1              | 2           | 2                | 0              | 1              |
| 17 | 2             | 4    | 1             | 2              | 2           | 2                | 0              | 2              |
| 18 | 2             | 5    | 1             | 2              | 1           | 2                | 0              | 3              |
| 19 | 2             | 3    | 1             | 3              | 3           | 1                | 1              | 1              |
| 20 | 2             | 3    | 1             | 3              | 2           | 1                | 1              | 3              |
| 21 | 2             | 1    | 1             | 5              | 1           | 1                | 1              | 3              |
| 22 | 2             | 2    | 1             | 4              | 2           | 1                | 3              | 2              |
| 23 | 1             | 1    | 1             | 5              | 1           | 2                | 0              | 1              |
| 24 | 2             | 1    | 1             | 5              | 1           | 2                | 0              | 3              |
| 25 | 2             | 1    | 1             | 5              | 3           | 1                | 2              | 1              |
| 26 | 2             | 4    | 1             | 2              | 1           | 1                | 1              | 2              |
| 27 | 2             | 4    | 1             | 2              | 3           | 2                | 0              | 1              |
| 28 | 2             | 4    | 1             | 2              | 2           | 1                | 2              | 3              |
| 29 | 1             | 6    | 1             | 1              | 2           | 2                | 0              | 1              |
| 30 | 1             | 5    | 1             | 1              | 2           | 2                | 0              | 3              |
| 31 | 1             | 4    | 1             | 2              | 1           | 2                | 0              | 3              |
| 32 | 2             | 4    | 1             | 2              | 1           | 1                | 1              | 3              |
| 33 | 2             | 4    | 1             | 2              | 1           | 2                | 0              | 3              |
| 34 | 1             | 4    | 1             | 2              | 2           | 1                | 1              | 2              |
| 35 | 1             | 3    | 1             | 3              | 2           | 1                | 1              | 2              |
| 36 | 2             | 3    | 1             | 3              | 3           | 1                | 1              | 2              |
| 37 | 2             | 3    | 1             | 3              | 2           | 2                | 0              | 1              |
| 38 | 2             | 3    | 2             | 2              | 3           | 1                | 2              | 1              |
| 39 | 1             | 3    | 2             | 3              | 2           | 2                | 0              | 2              |
| 40 | 2             | 3    | 2             | 3              | 2           | 2                | 0              | 3              |
| 41 | 1             | 6    | 2             | 1              | 1           | 2                | 0              | 3              |
| 42 | 1             | 6    | 2             | 1              | 1           | 2                | 0              | 3              |
| 43 | 1             | 4    | 2             | 3              | 3           | 2                | 0              | 3              |
| 44 | 1             | 1    | 2             | 5              | 2           | 1                | 2              | 1              |

| R   | Jenis Kelamin | Umur | Program Studi | Tahun Angkatan | Asal Daerah | Memiliki Kerabat | Jumlah Kerabat | Alasan Memilih |
|-----|---------------|------|---------------|----------------|-------------|------------------|----------------|----------------|
| 45  | 1             | 2    | 2             | 4              | 2           | 2                | 0              | 1              |
| 46  | 2             | 1    | 2             | 6              | 3           | 1                | 1              | 3              |
| 47  | 2             | 1    | 2             | 6              | 2           | 2                | 0              | 3              |
| 48  | 2             | 1    | 2             | 6              | 2           | 2                | 0              | 2              |
| 49  | 2             | 1    | 2             | 5              | 2           | 1                | 2              | 3              |
| 50  | 2             | 1    | 2             | 6              | 2           | 2                | 0              | 3              |
| 51  | 1             | 2    | 2             | 3              | 3           | 1                | 2              | 3              |
| 52  | 2             | 3    | 2             | 3              | 2           | 2                | 0              | 3              |
| 53  | 2             | 1    | 2             | 5              | 2           | 2                | 0              | 1              |
| 54  | 1             | 5    | 2             | 1              | 1           | 1                | 1              | 1              |
| 55  | 1             | 5    | 2             | 1              | 1           | 2                | 0              | 2              |
| 56  | 1             | 4    | 2             | 2              | 3           | 2                | 0              | 3              |
| 57  | 2             | 4    | 2             | 2              | 3           | 2                | 0              | 2              |
| 58  | 2             | 4    | 2             | 2              | 3           | 1                | 2              | 1              |
| 59  | 1             | 3    | 2             | 3              | 2           | 1                | 1              | 1              |
| 60  | 2             | 3    | 2             | 3              | 1           | 2                | 0              | 1              |
| 61  | 2             | 2    | 2             | 3              | 2           | 2                | 0              | 2              |
| 62  | 1             | 2    | 2             | 4              | 3           | 1                | 1              | 3              |
| 63  | 1             | 1    | 2             | 5              | 2           | 1                | 1              | 3              |
| 64  | 1             | 1    | 2             | 5              | 2           | 2                | 0              | 1              |
| 65  | 2             | 2    | 2             | 4              | 2           | 2                | 0              | 1              |
| 66  | 1             | 1    | 2             | 6              | 2           | 2                | 0              | 3              |
| 67  | 2             | 1    | 2             | 6              | 1           | 2                | 0              | 1              |
| 68  | 2             | 1    | 2             | 5              | 2           | 1                | 3              | 3              |
| 69  | 2             | 1    | 2             | 5              | 2           | 1                | 2              | 3              |
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| 72  | 1             | 3    | 2             | 3              | 3           | 1                | 1              | 1              |
| 73  | 1             | 3    | 2             | 3              | 1           | 1                | 2              | 1              |
| 74  | 2             | 2    | 2             | 3              | 2           | 1                | 1              | 1              |
| 75  | 1             | 1    | 3             | 6              | 1           | 2                | 0              | 1              |
| 76  | 2             | 3    | 3             | 3              | 1           | 1                | 1              | 3              |
| 77  | 1             | 1    | 3             | 4              | 3           | 2                | 0              | 1              |
| 78  | 1             | 2    | 3             | 4              | 2           | 1                | 1              | 3              |
| 79  | 1             | 1    | 3             | 5              | 3           | 1                | 1              | 1              |
| 80  | 1             | 3    | 3             | 3              | 1           | 1                | 1              | 1              |
| 81  | 1             | 4    | 3             | 3              | 2           | 2                | 0              | 3              |
| 82  | 1             | 2    | 3             | 4              | 3           | 1                | 2              | 1              |
| 83  | 1             | 2    | 3             | 5              | 1           | 2                | 0              | 1              |
| 84  | 1             | 2    | 3             | 4              | 3           | 2                | 0              | 3              |
| 85  | 1             | 1    | 3             | 5              | 3           | 2                | 0              | 3              |
| 86  | 2             | 6    | 3             | 1              | 1           | 2                | 0              | 2              |
| 87  | 1             | 6    | 3             | 1              | 2           | 2                | 0              | 2              |
| 88  | 1             | 6    | 3             | 1              | 1           | 2                | 0              | 3              |
| 89  | 1             | 6    | 3             | 1              | 1           | 1                | 1              | 2              |
| 90  | 1             | 6    | 3             | 1              | 2           | 1                | 1              | 3              |
| 91  | 1             | 4    | 3             | 2              | 2           | 2                | 0              | 2              |
| 92  | 1             | 5    | 3             | 2              | 2           | 1                | 1              | 1              |
| 93  | 1             | 4    | 3             | 2              | 1           | 1                | 1              | 1              |
| 94  | 2             | 4    | 3             | 2              | 3           | 1                | 2              | 2              |
| 95  | 1             | 5    | 3             | 2              | 1           | 2                | 0              | 1              |
| 96  | 2             | 4    | 3             | 2              | 3           | 2                | 0              | 1              |
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| 99  | 2             | 6    | 3             | 1              | 3           | 1                | 1              | 1              |
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| 101 | 2             | 4    | 3             | 1              | 2           | 1                | 2              | 2              |
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| 103 | 2             | 4    | 3             | 1              | 2           | 1                | 3              | 1              |
| 104 | 2             | 4    | 3             | 2              | 3           | 2                | 0              | 1              |
| 105 | 1             | 4    | 3             | 2              | 2           | 1                | 1              | 3              |
| 106 | 2             | 3    | 3             | 2              | 1           | 2                | 0              | 3              |
| 107 | 2             | 3    | 3             | 2              | 2           | 1                | 1              | 3              |
| 108 | 1             | 4    | 3             | 2              | 2           | 2                | 0              | 3              |
| 109 | 2             | 4    | 3             | 2              | 1           | 1                | 1              | 1              |
| 110 | 1             | 3    | 3             | 2              | 1           | 1                | 3              | 2              |
| 111 | 1             | 4    | 3             | 2              | 2           | 1                | 1              | 3              |
| 112 | 2             | 4    | 3             | 2              | 2           | 1                | 1              | 2              |
| 113 | 1             | 4    | 3             | 2              | 1           | 2                | 0              | 2              |
| 114 | 1             | 3    | 3             | 2              | 1           | 1                | 1              | 2              |
| 115 | 1             | 4    | 3             | 2              | 1           | 2                | 0              | 3              |
| 116 | 1             | 4    | 3             | 2              | 1           | 1                | 2              | 1              |
| 117 | 2             | 3    | 3             | 2              | 3           | 1                | 1              | 1              |
| 118 | 2             | 4    | 3             | 2              | 1           | 1                | 1              | 3              |
| 119 | 2             | 3    | 3             | 3              | 3           | 2                | 0              | 3              |
| 120 | 2             | 3    | 3             | 3              | 2           | 1                | 1              | 2              |

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|-----|---------------|------|---------------|----------------|-------------|------------------|----------------|----------------|
| 121 | 2             | 3    | 3             | 3              | 1           | 2                | 0              | 2              |
| 122 | 1             | 4    | 3             | 3              | 1           | 2                | 0              | 2              |
| 123 | 1             | 1    | 4             | 5              | 2           | 2                | 0              | 1              |
| 124 | 2             | 2    | 4             | 4              | 2           | 2                | 0              | 2              |
| 125 | 2             | 2    | 4             | 4              | 3           | 2                | 0              | 1              |
| 126 | 1             | 1    | 4             | 6              | 2           | 1                | 1              | 3              |
| 127 | 1             | 1    | 4             | 6              | 3           | 1                | 2              | 3              |
| 128 | 1             | 1    | 4             | 4              | 3           | 2                | 0              | 1              |
| 129 | 2             | 4    | 4             | 3              | 2           | 1                | 1              | 2              |
| 130 | 1             | 1    | 4             | 5              | 2           | 1                | 1              | 1              |
| 131 | 2             | 1    | 4             | 5              | 1           | 1                | 1              | 3              |
| 132 | 1             | 6    | 4             | 1              | 1           | 1                | 1              | 2              |
| 133 | 1             | 4    | 4             | 2              | 1           | 1                | 1              | 3              |
| 134 | 1             | 6    | 4             | 1              | 1           | 1                | 1              | 3              |
| 135 | 1             | 6    | 4             | 1              | 3           | 1                | 2              | 2              |
| 136 | 1             | 6    | 4             | 1              | 3           | 1                | 3              | 1              |
| 137 | 1             | 6    | 4             | 1              | 1           | 2                | 0              | 1              |
| 138 | 2             | 5    | 4             | 1              | 2           | 1                | 1              | 2              |
| 139 | 2             | 5    | 4             | 1              | 3           | 2                | 0              | 2              |
| 140 | 1             | 5    | 4             | 1              | 1           | 1                | 1              | 1              |
| 141 | 1             | 4    | 4             | 1              | 2           | 2                | 0              | 2              |
| 142 | 1             | 5    | 4             | 1              | 3           | 2                | 0              | 1              |
| 143 | 2             | 4    | 4             | 1              | 3           | 2                | 0              | 1              |
| 144 | 2             | 5    | 4             | 2              | 1           | 1                | 1              | 2              |
| 145 | 2             | 3    | 4             | 3              | 2           | 2                | 0              | 2              |
| 146 | 2             | 3    | 4             | 3              | 2           | 2                | 0              | 2              |
| 147 | 2             | 3    | 4             | 3              | 1           | 1                | 1              | 2              |
| 148 | 2             | 3    | 4             | 3              | 1           | 1                | 2              | 3              |
| 149 | 2             | 3    | 4             | 3              | 3           | 1                | 1              | 1              |
| 150 | 1             | 3    | 4             | 3              | 1           | 1                | 1              | 1              |
| 151 | 1             | 4    | 4             | 3              | 1           | 1                | 2              | 1              |
| 152 | 2             | 2    | 4             | 3              | 2           | 1                | 1              | 2              |
| 153 | 2             | 5    | 4             | 2              | 2           | 2                | 0              | 3              |
| 154 | 2             | 4    | 4             | 2              | 3           | 1                | 1              | 3              |
| 155 | 2             | 4    | 4             | 2              | 1           | 2                | 0              | 2              |
| 156 | 2             | 4    | 4             | 2              | 1           | 2                | 0              | 3              |
| 157 | 2             | 4    | 4             | 2              | 1           | 2                | 0              | 1              |
| 158 | 1             | 5    | 4             | 2              | 1           | 2                | 0              | 2              |
| 159 | 2             | 5    | 4             | 2              | 1           | 1                | 2              | 2              |
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| 161 | 2             | 5    | 4             | 2              | 2           | 1                | 3              | 3              |
| 162 | 1             | 5    | 4             | 2              | 1           | 1                | 2              | 3              |
| 163 | 1             | 4    | 4             | 2              | 2           | 1                | 1              | 2              |
| 164 | 1             | 4    | 4             | 2              | 1           | 2                | 0              | 2              |
| 165 | 1             | 6    | 4             | 2              | 3           | 1                | 1              | 2              |
| 166 | 2             | 4    | 4             | 2              | 2           | 2                | 0              | 1              |
| 167 | 2             | 5    | 4             | 2              | 3           | 2                | 0              | 1              |
| 168 | 2             | 4    | 4             | 2              | 3           | 2                | 0              | 3              |
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| 171 | 1             | 4    | 4             | 2              | 3           | 2                | 0              | 3              |
| 172 | 2             | 6    | 4             | 2              | 1           | 1                | 1              | 2              |
| 173 | 1             | 5    | 4             | 2              | 2           | 1                | 1              | 2              |
| 174 | 2             | 4    | 4             | 2              | 1           | 1                | 1              | 2              |
| 175 | 1             | 4    | 4             | 2              | 3           | 2                | 0              | 1              |
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| 178 | 2             | 4    | 4             | 2              | 3           | 2                | 0              | 3              |
| 179 | 2             | 3    | 4             | 3              | 3           | 2                | 0              | 3              |
| 180 | 2             | 2    | 4             | 3              | 1           | 2                | 0              | 3              |
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| 182 | 1             | 6    | 5             | 1              | 1           | 2                | 0              | 3              |
| 183 | 2             | 4    | 5             | 2              | 1           | 1                | 1              | 3              |
| 184 | 1             | 4    | 5             | 2              | 3           | 1                | 3              | 2              |
| 185 | 1             | 3    | 5             | 2              | 3           | 2                | 0              | 2              |
| 186 | 1             | 4    | 5             | 2              | 1           | 1                | 1              | 1              |
| 187 | 2             | 3    | 5             | 4              | 3           | 2                | 0              | 3              |
| 188 | 2             | 3    | 5             | 4              | 3           | 2                | 0              | 1              |
| 189 | 2             | 3    | 5             | 3              | 1           | 1                | 1              | 3              |
| 190 | 2             | 3    | 5             | 3              | 1           | 2                | 0              | 3              |
| 191 | 2             | 2    | 5             | 4              | 2           | 2                | 0              | 1              |
| 192 | 1             | 6    | 5             | 1              | 3           | 2                | 0              | 3              |
| 193 | 1             | 1    | 5             | 4              | 3           | 2                | 0              | 1              |
| 194 | 2             | 5    | 5             | 2              | 3           | 1                | 3              | 1              |
| 195 | 2             | 2    | 5             | 3              | 3           | 2                | 0              | 1              |
| 196 | 1             | 3    | 5             | 3              | 3           | 2                | 0              | 3              |



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|-----|---------------|------|---------------|----------------|-------------|------------------|----------------|----------------|
| 197 | 1             | 3    | 5             | 3              | 3           | 1                | 1              | 3              |
| 198 | 1             | 3    | 5             | 3              | 2           | 2                | 0              | 3              |
| 199 | 1             | 1    | 5             | 6              | 3           | 1                | 1              | 3              |
| 200 | 1             | 4    | 5             | 3              | 3           | 2                | 0              | 1              |
| 201 | 1             | 4    | 5             | 4              | 3           | 1                | 3              | 1              |
| 202 | 1             | 1    | 5             | 4              | 3           | 2                | 0              | 1              |
| 203 | 1             | 1    | 5             | 2              | 3           | 1                | 1              | 3              |
| 204 | 2             | 4    | 5             | 2              | 2           | 1                | 1              | 2              |
| 205 | 2             | 2    | 5             | 4              | 2           | 2                | 0              | 1              |
| 206 | 2             | 1    | 5             | 6              | 3           | 2                | 0              | 2              |
| 207 | 1             | 1    | 5             | 3              | 3           | 2                | 0              | 2              |
| 208 | 1             | 2    | 5             | 3              | 2           | 2                | 0              | 2              |
| 209 | 1             | 4    | 5             | 1              | 3           | 1                | 3              | 3              |
| 210 | 1             | 3    | 5             | 3              | 3           | 2                | 0              | 3              |
| 211 | 2             | 2    | 5             | 4              | 3           | 2                | 0              | 1              |
| 212 | 1             | 2    | 5             | 2              | 3           | 1                | 2              | 1              |
| 213 | 1             | 5    | 5             | 1              | 3           | 1                | 2              | 1              |
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| 215 | 2             | 1    | 5             | 6              | 3           | 2                | 0              | 1              |
| 216 | 2             | 1    | 5             | 6              | 3           | 2                | 0              | 2              |
| 217 | 1             | 5    | 5             | 1              | 1           | 1                | 1              | 1              |
| 218 | 1             | 6    | 5             | 1              | 2           | 1                | 1              | 1              |
| 219 | 1             | 6    | 5             | 1              | 2           | 2                | 0              | 3              |
| 220 | 1             | 5    | 5             | 1              | 2           | 1                | 2              | 1              |
| 221 | 1             | 5    | 5             | 1              | 3           | 2                | 0              | 1              |
| 222 | 1             | 5    | 5             | 1              | 1           | 2                | 0              | 3              |
| 223 | 1             | 5    | 5             | 1              | 1           | 2                | 0              | 3              |
| 224 | 1             | 5    | 5             | 2              | 2           | 2                | 0              | 2              |
| 225 | 2             | 4    | 5             | 2              | 1           | 2                | 0              | 2              |
| 226 | 2             | 4    | 5             | 2              | 2           | 1                | 2              | 2              |
| 227 | 1             | 4    | 5             | 2              | 3           | 1                | 1              | 2              |
| 228 | 1             | 4    | 5             | 2              | 2           | 1                | 3              | 1              |
| 229 | 1             | 4    | 5             | 2              | 1           | 2                | 0              | 1              |
| 230 | 1             | 4    | 5             | 2              | 1           | 1                | 1              | 3              |
| 231 | 2             | 2    | 6             | 3              | 1           | 2                | 0              | 3              |
| 232 | 2             | 3    | 6             | 3              | 1           | 1                | 1              | 3              |
| 233 | 2             | 3    | 6             | 3              | 3           | 2                | 0              | 3              |
| 234 | 2             | 2    | 6             | 3              | 3           | 1                | 1              | 1              |
| 235 | 1             | 2    | 6             | 3              | 1           | 1                | 3              | 2              |
| 236 | 1             | 4    | 6             | 2              | 3           | 1                | 1              | 3              |
| 237 | 1             | 4    | 6             | 2              | 1           | 1                | 1              | 2              |
| 238 | 2             | 3    | 6             | 3              | 2           | 2                | 0              | 2              |
| 239 | 1             | 3    | 6             | 3              | 2           | 1                | 1              | 2              |
| 240 | 1             | 4    | 6             | 2              | 1           | 2                | 0              | 1              |
| 241 | 2             | 4    | 6             | 2              | 1           | 1                | 1              | 3              |
| 242 | 2             | 4    | 6             | 2              | 2           | 1                | 2              | 1              |
| 243 | 1             | 4    | 6             | 2              | 1           | 1                | 1              | 3              |
| 244 | 1             | 4    | 6             | 2              | 1           | 1                | 1              | 3              |
| 245 | 1             | 4    | 6             | 2              | 3           | 1                | 2              | 3              |
| 246 | 1             | 3    | 6             | 4              | 2           | 2                | 0              | 1              |
| 247 | 1             | 2    | 6             | 4              | 1           | 2                | 0              | 2              |
| 248 | 1             | 2    | 6             | 4              | 2           | 1                | 2              | 3              |
| 249 | 2             | 3    | 6             | 6              | 2           | 2                | 0              | 3              |
| 250 | 1             | 2    | 6             | 4              | 2           | 2                | 0              | 1              |
| 251 | 1             | 4    | 6             | 6              | 2           | 2                | 0              | 1              |
| 252 | 1             | 2    | 6             | 4              | 1           | 1                | 1              | 3              |
| 253 | 2             | 2    | 6             | 4              | 3           | 1                | 1              | 1              |
| 254 | 2             | 3    | 6             | 3              | 2           | 1                | 1              | 2              |
| 255 | 2             | 3    | 6             | 3              | 1           | 1                | 1              | 1              |
| 256 | 2             | 3    | 6             | 3              | 2           | 1                | 1              | 3              |
| 257 | 1             | 4    | 6             | 3              | 2           | 1                | 1              | 2              |
| 258 | 1             | 3    | 7             | 3              | 1           | 1                | 1              | 3              |
| 259 | 1             | 3    | 7             | 3              | 1           | 1                | 1              | 3              |
| 260 | 1             | 4    | 7             | 3              | 3           | 1                | 2              | 2              |
| 261 | 2             | 3    | 7             | 3              | 2           | 1                | 3              | 1              |
| 262 | 2             | 3    | 7             | 3              | 3           | 2                | 0              | 1              |
| 263 | 1             | 6    | 7             | 1              | 3           | 1                | 1              | 2              |
| 264 | 1             | 6    | 7             | 1              | 3           | 1                | 1              | 3              |
| 265 | 1             | 2    | 7             | 4              | 3           | 1                | 2              | 1              |
| 266 | 1             | 2    | 7             | 4              | 3           | 2                | 0              | 3              |
| 267 | 1             | 2    | 7             | 4              | 3           | 2                | 0              | 3              |
| 268 | 1             | 3    | 7             | 4              | 3           | 2                | 0              | 3              |
| 269 | 1             | 2    | 7             | 4              | 3           | 2                | 0              | 3              |
| 270 | 1             | 3    | 7             | 4              | 1           | 1                | 2              | 1              |
| 271 | 1             | 1    | 7             | 4              | 3           | 2                | 0              | 1              |

| R   | Jenis Kelamin | Umur | Program Studi | Tahun Angkatan | Asal Daerah | Memiliki Kerabat | Jumlah Kerabat | Alasan Memilih |
|-----|---------------|------|---------------|----------------|-------------|------------------|----------------|----------------|
| 272 | 1             | 6    | 7             | 2              | 2           | 2                | 0              | 3              |
| 273 | 1             | 5    | 7             | 2              | 2           | 2                | 0              | 1              |
| 274 | 1             | 4    | 7             | 2              | 2           | 2                | 0              | 1              |
| 275 | 1             | 6    | 7             | 1              | 3           | 2                | 0              | 3              |
| 276 | 1             | 4    | 7             | 2              | 3           | 1                | 1              | 3              |
| 277 | 1             | 6    | 7             | 1              | 3           | 2                | 0              | 3              |
| 278 | 2             | 1    | 7             | 5              | 3           | 2                | 0              | 3              |
| 279 | 2             | 1    | 7             | 5              | 3           | 2                | 0              | 1              |
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| 282 | 2             | 3    | 7             | 3              | 2           | 2                | 0              | 2              |
| 283 | 2             | 3    | 7             | 3              | 3           | 1                | 2              | 2              |
| 284 | 1             | 3    | 7             | 3              | 3           | 1                | 1              | 1              |
| 285 | 1             | 3    | 7             | 3              | 2           | 2                | 0              | 2              |
| 286 | 1             | 2    | 7             | 3              | 2           | 1                | 2              | 2              |
| 287 | 1             | 4    | 8             | 2              | 2           | 1                | 1              | 2              |
| 288 | 1             | 2    | 8             | 2              | 2           | 1                | 3              | 1              |
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| 290 | 1             | 2    | 8             | 4              | 3           | 2                | 0              | 2              |
| 291 | 1             | 1    | 8             | 6              | 2           | 2                | 0              | 3              |
| 292 | 1             | 1    | 8             | 5              | 2           | 1                | 1              | 3              |
| 293 | 1             | 1    | 8             | 5              | 2           | 2                | 0              | 3              |
| 294 | 2             | 5    | 8             | 1              | 3           | 2                | 0              | 3              |
| 295 | 2             | 4    | 8             | 2              | 1           | 1                | 1              | 3              |
| 296 | 2             | 1    | 8             | 6              | 1           | 1                | 1              | 3              |
| 297 | 2             | 1    | 8             | 6              | 3           | 2                | 0              | 3              |
| 298 | 1             | 1    | 8             | 5              | 2           | 2                | 0              | 3              |
| 299 | 2             | 3    | 8             | 3              | 3           | 1                | 1              | 2              |
| 300 | 2             | 3    | 8             | 3              | 2           | 1                | 1              | 2              |
| 301 | 1             | 3    | 9             | 3              | 2           | 2                | 0              | 1              |
| 302 | 2             | 3    | 9             | 3              | 2           | 1                | 2              | 1              |
| 303 | 1             | 4    | 9             | 2              | 3           | 1                | 3              | 3              |
| 304 | 1             | 1    | 9             | 6              | 1           | 1                | 3              | 2              |
| 305 | 1             | 4    | 9             | 6              | 3           | 2                | 0              | 3              |
| 306 | 1             | 1    | 9             | 6              | 1           | 1                | 1              | 3              |
| 307 | 1             | 2    | 9             | 4              | 3           | 1                | 2              | 1              |
| 308 | 1             | 3    | 9             | 6              | 2           | 2                | 0              | 1              |
| 309 | 1             | 2    | 9             | 6              | 1           | 1                | 3              | 3              |
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| 311 | 1             | 1    | 9             | 6              | 2           | 2                | 0              | 1              |
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| 315 | 2             | 6    | 9             | 1              | 1           | 1                | 3              | 2              |
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| 324 | 2             | 3    | 9             | 2              | 1           | 1                | 1              | 3              |
| 325 | 1             | 4    | 9             | 2              | 1           | 2                | 0              | 3              |
| 326 | 1             | 4    | 9             | 2              | 2           | 1                | 1              | 2              |
| 327 | 1             | 5    | 9             | 1              | 2           | 1                | 1              | 2              |
| 328 | 2             | 3    | 9             | 3              | 1           | 1                | 1              | 2              |
| 329 | 2             | 3    | 9             | 3              | 2           | 2                | 0              | 1              |
| 330 | 1             | 3    | 9             | 3              | 1           | 1                | 2              | 1              |
| 331 | 1             | 2    | 9             | 5              | 1           | 2                | 0              | 3              |
| 332 | 1             | 3    | 9             | 5              | 3           | 2                | 0              | 3              |
| 333 | 1             | 1    | 9             | 5              | 3           | 1                | 1              | 3              |
| 334 | 1             | 3    | 9             | 3              | 3           | 2                | 0              | 3              |
| 335 | 2             | 3    | 9             | 3              | 1           | 1                | 3              | 3              |
| 336 | 2             | 3    | 9             | 3              | 2           | 2                | 0              | 1              |
| 337 | 2             | 4    | 9             | 2              | 3           | 2                | 0              | 3              |
| 338 | 1             | 3    | 9             | 4              | 3           | 2                | 0              | 1              |
| 339 | 2             | 4    | 9             | 2              | 3           | 1                | 3              | 3              |
| 340 | 2             | 2    | 9             | 4              | 3           | 1                | 1              | 2              |
| 341 | 2             | 2    | 9             | 4              | 2           | 1                | 2              | 3              |
| 342 | 1             | 2    | 9             | 4              | 3           | 1                | 1              | 3              |
| 343 | 1             | 3    | 9             | 4              | 3           | 2                | 0              | 1              |
| 344 | 1             | 6    | 9             | 2              | 3           | 1                | 1              | 3              |
| 345 | 1             | 3    | 9             | 2              | 3           | 2                | 0              | 3              |
| 346 | 2             | 3    | 9             | 3              | 1           | 1                | 1              | 1              |
| 347 | 2             | 3    | 9             | 3              | 1           | 2                | 0              | 2              |

| R   | Jenis Kelamin | Umur | Program Studi | Tahun Angkatan | Asal Daerah | Memiliki Kerabat | Jumlah Kerabat | Alasan Memilih |
|-----|---------------|------|---------------|----------------|-------------|------------------|----------------|----------------|
| 348 | 2             | 3    | 9             | 3              | 1           | 2                | 0              | 3              |
| 349 | 2             | 3    | 9             | 3              | 1           | 2                | 0              | 2              |
| 350 | 2             | 3    | 9             | 3              | 1           | 1                | 2              | 1              |
| 351 | 2             | 3    | 9             | 3              | 1           | 1                | 1              | 1              |
| 352 | 2             | 3    | 9             | 3              | 2           | 2                | 0              | 1              |
| 353 | 2             | 2    | 10            | 3              | 2           | 2                | 0              | 2              |
| 354 | 1             | 5    | 10            | 1              | 1           | 2                | 0              | 2              |
| 355 | 2             | 4    | 10            | 2              | 1           | 1                | 1              | 2              |
| 356 | 1             | 4    | 10            | 2              | 3           | 1                | 1              | 2              |
| 357 | 2             | 3    | 10            | 3              | 3           | 2                | 0              | 2              |
| 358 | 2             | 2    | 10            | 3              | 2           | 2                | 0              | 2              |
| 359 | 1             | 3    | 11            | 3              | 2           | 2                | 0              | 2              |
| 360 | 2             | 2    | 11            | 3              | 3           | 1                | 1              | 3              |
| 361 | 1             | 4    | 11            | 3              | 3           | 1                | 1              | 3              |
| 362 | 2             | 5    | 11            | 3              | 1           | 1                | 1              | 3              |
| 363 | 1             | 4    | 11            | 3              | 3           | 1                | 1              | 3              |
| 364 | 2             | 2    | 11            | 4              | 3           | 2                | 0              | 2              |
| 365 | 2             | 3    | 12            | 3              | 2           | 1                | 1              | 1              |
| 366 | 2             | 3    | 12            | 3              | 3           | 1                | 1              | 2              |
| 367 | 1             | 3    | 12            | 3              | 1           | 1                | 1              | 1              |
| 368 | 2             | 3    | 12            | 3              | 3           | 1                | 1              | 3              |
| 369 | 2             | 3    | 12            | 3              | 1           | 1                | 1              | 2              |
| 370 | 2             | 4    | 13            | 2              | 3           | 1                | 1              | 3              |
| 371 | 1             | 3    | 13            | 3              | 3           | 1                | 1              | 3              |
| 372 | 2             | 1    | 14            | 4              | 2           | 1                | 2              | 2              |
| 373 | 2             | 3    | 14            | 3              | 1           | 1                | 3              | 1              |
| 374 | 1             | 3    | 14            | 3              | 3           | 2                | 0              | 1              |
| 375 | 2             | 3    | 15            | 2              | 3           | 1                | 1              | 2              |
| 376 | 2             | 3    | 15            | 3              | 1           | 2                | 0              | 2              |
| 377 | 2             | 3    | 15            | 3              | 2           | 1                | 1              | 1              |



**LAMPIRAN 3**

## HASIL KUESIONER

| R  | R1 | R2 | R3 | R4 | R5 | R6 | X1   | RS1 | RS2 | RS3 | RS4 | X2   | A1 | A2 | A3 | X3   | EM1 | EM2 | EM3 | EM4 | EM5 | X4   | T1 | T2 | T3 | T4 | X5   | S1 | S2 | S3 | Y    | L1 | L2 | L3 | L4 | Y    |
|----|----|----|----|----|----|----|------|-----|-----|-----|-----|------|----|----|----|------|-----|-----|-----|-----|-----|------|----|----|----|----|------|----|----|----|------|----|----|----|----|------|
| 1  | 2  | 5  | 5  | 5  | 5  | 4  | 4,33 | 4   | 3   | 3   | 4   | 3,50 | 4  | 4  | 4  | 4,00 | 3   | 3   | 3   | 3   | 4   | 3,20 | 4  | 4  | 4  | 5  | 4,25 | 4  | 5  | 4  | 4,33 | 5  | 4  | 3  | 5  | 4,25 |
| 2  | 5  | 2  | 4  | 4  | 4  | 4  | 3,83 | 3   | 2   | 2   | 2   | 2,25 | 4  | 4  | 4  | 4,00 | 2   | 2   | 2   | 3   | 2   | 2,20 | 4  | 4  | 2  | 4  | 3,50 | 2  | 4  | 2  | 2,67 | 4  | 4  | 3  | 4  | 3,75 |
| 3  | 4  | 4  | 3  | 4  | 3  | 4  | 3,67 | 4   | 4   | 4   | 4   | 4,00 | 4  | 4  | 4  | 4,00 | 4   | 3   | 4   | 4   | 4   | 3,80 | 4  | 4  | 4  | 3  | 3,75 | 4  | 5  | 4  | 4,33 | 5  | 5  | 5  | 5  | 5,00 |
| 4  | 2  | 1  | 1  | 1  | 1  | 1  | 1,17 | 3   | 3   | 2   | 3   | 2,75 | 4  | 4  | 3  | 3,67 | 3   | 3   | 3   | 2   | 3   | 2,80 | 3  | 4  | 4  | 4  | 3,75 | 3  | 3  | 3  | 3,00 | 3  | 3  | 3  | 3  | 3,00 |
| 5  | 3  | 4  | 4  | 4  | 4  | 4  | 3,83 | 3   | 3   | 3   | 4   | 3,25 | 3  | 3  | 3  | 3,00 | 3   | 2   | 4   | 2   | 4   | 3,00 | 3  | 3  | 4  | 4  | 3,50 | 3  | 3  | 4  | 3,33 | 3  | 3  | 3  | 3  | 3,00 |
| 6  | 2  | 3  | 1  | 2  | 2  | 2  | 2,00 | 3   | 3   | 3   | 3   | 3,00 | 4  | 4  | 4  | 4,00 | 3   | 3   | 3   | 2   | 4   | 3,00 | 3  | 3  | 3  | 3  | 3,00 | 3  | 4  | 4  | 3,67 | 4  | 4  | 3  | 4  | 3,75 |
| 7  | 3  | 3  | 3  | 3  | 3  | 4  | 3,17 | 5   | 5   | 5   | 5   | 5,00 | 3  | 5  | 4  | 4,00 | 5   | 3   | 5   | 4   | 5   | 4,40 | 5  | 5  | 5  | 5  | 5,00 | 4  | 5  | 5  | 4,67 | 5  | 5  | 5  | 5  | 5,00 |
| 8  | 4  | 4  | 4  | 4  | 5  | 5  | 4,33 | 4   | 4   | 4   | 5   | 4,25 | 4  | 4  | 4  | 4,00 | 5   | 3   | 5   | 2   | 4   | 3,80 | 4  | 5  | 5  | 4  | 4,50 | 4  | 5  | 4  | 4,33 | 5  | 4  | 4  | 5  | 4,50 |
| 9  | 3  | 3  | 3  | 3  | 4  | 4  | 3,33 | 3   | 2   | 2   | 2   | 2,25 | 5  | 5  | 5  | 5,00 | 3   | 2   | 3   | 2   | 3   | 2,60 | 3  | 3  | 4  | 3  | 3,25 | 2  | 5  | 4  | 3,67 | 4  | 4  | 3  | 4  | 3,75 |
| 10 | 4  | 2  | 4  | 4  | 4  | 4  | 3,67 | 3   | 3   | 4   | 4   | 3,50 | 3  | 3  | 3  | 3,00 | 3   | 2   | 2   | 3   | 5   | 3,00 | 4  | 5  | 5  | 4  | 4,50 | 4  | 5  | 5  | 4,67 | 5  | 5  | 4  | 5  | 4,75 |
| 11 | 4  | 3  | 2  | 4  | 4  | 4  | 3,50 | 3   | 4   | 4   | 3   | 3,50 | 5  | 3  | 4  | 4,00 | 3   | 2   | 3   | 3   | 4   | 3,00 | 4  | 5  | 5  | 4  | 4,50 | 2  | 4  | 4  | 3,33 | 3  | 3  | 4  | 4  | 3,50 |
| 12 | 2  | 3  | 2  | 1  | 2  | 2  | 2,00 | 4   | 4   | 4   | 4   | 4,00 | 2  | 2  | 3  | 2,33 | 4   | 3   | 4   | 4   | 4   | 3,80 | 4  | 4  | 4  | 4  | 4,00 | 4  | 4  | 4  | 4,00 | 4  | 4  | 4  | 4  | 4,00 |
| 13 | 1  | 2  | 1  | 2  | 2  | 2  | 1,67 | 3   | 3   | 3   | 3   | 3,00 | 4  | 4  | 4  | 4,00 | 3   | 2   | 4   | 4   | 5   | 3,60 | 4  | 5  | 5  | 4  | 4,50 | 2  | 4  | 2  | 2,67 | 4  | 4  | 3  | 5  | 4,00 |
| 14 | 5  | 4  | 4  | 4  | 4  | 4  | 4,17 | 4   | 3   | 3   | 3   | 3,25 | 3  | 4  | 4  | 3,67 | 4   | 2   | 4   | 2   | 4   | 3,20 | 3  | 4  | 4  | 3  | 3,50 | 4  | 4  | 4  | 4,00 | 4  | 4  | 4  | 4  | 4,00 |
| 15 | 5  | 3  | 2  | 3  | 3  | 3  | 3,17 | 3   | 3   | 3   | 3   | 3,00 | 4  | 3  | 3  | 3,33 | 4   | 3   | 4   | 2   | 4   | 3,40 | 3  | 4  | 4  | 3  | 3,50 | 4  | 4  | 4  | 4,00 | 4  | 5  | 5  | 4  | 4,50 |
| 16 | 5  | 5  | 4  | 2  | 5  | 4  | 4,17 | 4   | 3   | 2   | 4   | 3,25 | 3  | 3  | 3  | 3,00 | 4   | 3   | 4   | 4   | 4   | 3,80 | 4  | 4  | 4  | 4  | 4,00 | 4  | 4  | 4  | 4,00 | 4  | 4  | 4  | 4  | 4,00 |
| 17 | 3  | 3  | 2  | 3  | 3  | 3  | 2,83 | 4   | 3   | 3   | 4   | 3,50 | 4  | 5  | 4  | 4,33 | 4   | 3   | 5   | 2   | 4   | 3,60 | 5  | 4  | 5  | 3  | 4,25 | 4  | 4  | 4  | 4,00 | 5  | 4  | 5  | 4  | 4,50 |
| 18 | 5  | 4  | 5  | 5  | 4  | 4  | 4,50 | 4   | 3   | 3   | 4   | 3,50 | 5  | 4  | 3  | 4,00 | 5   | 4   | 5   | 4   | 4   | 4,40 | 4  | 4  | 5  | 4  | 4,25 | 4  | 5  | 4  | 4,33 | 4  | 4  | 3  | 5  | 4,00 |
| 19 | 4  | 3  | 4  | 4  | 5  | 5  | 4,17 | 4   | 5   | 5   | 4   | 4,50 | 4  | 4  | 4  | 4,00 | 5   | 4   | 5   | 4   | 4   | 4,40 | 4  | 5  | 5  | 5  | 4,75 | 4  | 5  | 4  | 4,33 | 5  | 5  | 4  | 5  | 4,75 |
| 20 | 1  | 3  | 2  | 2  | 3  | 3  | 2,33 | 4   | 1   | 1   | 2   | 2,00 | 4  | 4  | 4  | 4,00 | 2   | 2   | 2   | 3   | 3   | 2,40 | 4  | 3  | 5  | 4  | 4,00 | 2  | 3  | 3  | 2,67 | 3  | 4  | 3  | 3  | 3,25 |
| 21 | 4  | 2  | 3  | 4  | 3  | 3  | 3,17 | 3   | 3   | 2   | 2   | 2,50 | 3  | 4  | 4  | 3,67 | 4   | 2   | 3   | 2   | 4   | 3,00 | 4  | 4  | 4  | 4  | 4,00 | 3  | 4  | 4  | 3,67 | 5  | 5  | 5  | 4  | 4,75 |
| 22 | 4  | 5  | 5  | 5  | 4  | 5  | 4,67 | 3   | 3   | 3   | 4   | 3,25 | 5  | 5  | 4  | 4,67 | 4   | 3   | 4   | 4   | 5   | 4,00 | 4  | 4  | 4  | 4  | 4,00 | 4  | 5  | 4  | 4,33 | 5  | 5  | 5  | 5  | 5,00 |
| 23 | 2  | 3  | 3  | 3  | 4  | 5  | 3,33 | 3   | 4   | 4   | 4   | 3,75 | 3  | 2  | 2  | 2,33 | 4   | 3   | 4   | 3   | 3   | 3,40 | 2  | 2  | 2  | 2  | 2,00 | 3  | 4  | 3  | 3,33 | 2  | 4  | 3  | 4  | 3,25 |
| 24 | 2  | 3  | 4  | 5  | 3  | 3  | 3,33 | 3   | 2   | 2   | 2   | 2,25 | 2  | 2  | 3  | 2,33 | 3   | 2   | 2   | 2   | 3   | 2,40 | 2  | 3  | 4  | 2  | 2,75 | 2  | 2  | 3  | 2,33 | 3  | 3  | 3  | 2  | 2,75 |
| 25 | 3  | 3  | 3  | 3  | 4  | 3  | 3,17 | 2   | 2   | 3   | 2   | 2,25 | 3  | 3  | 3  | 3,00 | 5   | 3   | 4   | 3   | 4   | 3,80 | 4  | 5  | 5  | 5  | 4,75 | 3  | 4  | 4  | 3,67 | 4  | 4  | 4  | 4  | 4,00 |
| 26 | 5  | 5  | 4  | 4  | 3  | 4  | 4,17 | 4   | 4   | 4   | 3   | 3,75 | 3  | 4  | 4  | 3,67 | 4   | 3   | 2   | 3   | 4   | 3,20 | 4  | 3  | 4  | 4  | 3,75 | 4  | 4  | 4  | 4,00 | 4  | 4  | 4  | 4  | 4,00 |
| 27 | 4  | 5  | 3  | 3  | 4  | 5  | 4,00 | 4   | 4   | 4   | 4   | 4,00 | 4  | 4  | 3  | 3,67 | 4   | 4   | 4   | 4   | 4   | 4,00 | 3  | 4  | 4  | 3  | 3,50 | 4  | 4  | 4  | 4,00 | 4  | 4  | 4  | 4  | 4,00 |
| 28 | 4  | 4  | 3  | 4  | 4  | 2  | 3,50 | 4   | 4   | 4   | 4   | 4,00 | 3  | 3  | 3  | 3,00 | 4   | 3   | 4   | 4   | 3   | 3,60 | 4  | 4  | 3  | 4  | 3,75 | 4  | 5  | 4  | 4,33 | 3  | 3  | 3  | 3  | 3,00 |
| 29 | 5  | 4  | 4  | 4  | 5  | 4  | 4,33 | 3   | 3   | 3   | 3   | 3,00 | 4  | 4  | 4  | 4,00 | 4   | 4   | 4   | 4   | 4   | 4,00 | 3  | 3  | 4  | 4  | 3,50 | 4  | 4  | 4  | 4,00 | 4  | 4  | 4  | 4  | 4,00 |
| 30 | 5  | 5  | 4  | 4  | 4  | 4  | 4,33 | 3   | 4   | 4   | 4   | 3,75 | 4  | 4  | 5  | 4,33 | 4   | 3   | 4   | 3   | 3   | 3,40 | 4  | 4  | 4  | 4  | 4,00 | 4  | 3  | 3  | 3,33 | 5  | 5  | 5  | 3  | 4,50 |
| 31 | 5  | 4  | 4  | 5  | 5  | 3  | 4,33 | 4   | 4   | 4   | 4   | 4,00 | 4  | 4  | 3  | 3,67 | 3   | 3   | 4   | 3   | 4   | 3,40 | 4  | 3  | 4  | 4  | 3,75 | 4  | 4  | 4  | 4,00 | 5  | 5  | 5  | 4  | 4,75 |
| 32 | 5  | 4  | 3  | 5  | 5  | 4  | 4,33 | 3   | 3   | 3   | 4   | 3,25 | 4  | 4  | 5  | 4,33 | 4   | 2   | 4   | 3   | 3   | 3,20 | 4  | 4  | 4  | 4  | 4,00 | 3  | 4  | 3  | 3,33 | 4  | 4  | 4  | 4  | 4,00 |
| 33 | 3  | 3  | 3  | 3  | 3  | 2  | 2,83 | 5   | 3   | 3   | 1   | 3,00 | 5  | 5  | 4  | 4,67 | 4   | 3   | 4   | 4   | 4   | 3,80 | 4  | 4  | 4  | 4  | 4,00 | 4  | 4  | 4  | 4,00 | 3  | 4  | 4  | 4  | 3,75 |
| 34 | 5  | 3  | 5  | 5  | 5  | 4  | 4,50 | 4   | 3   | 3   | 4   | 3,50 | 3  | 4  | 4  | 3,67 | 4   | 3   | 5   | 2   | 4   | 3,60 | 5  | 4  | 5  | 3  | 4,25 | 4  | 4  | 4  | 4,00 | 5  | 4  | 5  | 4  | 4,50 |









| R   | R1 | R2 | R3 | R4 | R5 | R6 | X1   | RS1 | RS2 | RS3 | RS4 | X2   | A1 | A2 | A3 | X3   | EM1 | EM2 | EM3 | EM4 | EM5 | X4   | T1 | T2 | T3 | T4 | X5   | S1 | S2 | S3 | Y    | L1 | L2 | L3 | L4 | Y    |
|-----|----|----|----|----|----|----|------|-----|-----|-----|-----|------|----|----|----|------|-----|-----|-----|-----|-----|------|----|----|----|----|------|----|----|----|------|----|----|----|----|------|
| 155 | 2  | 3  | 2  | 2  | 2  | 3  | 2,33 | 3   | 3   | 3   | 3   | 3,00 | 4  | 4  | 4  | 4,00 | 3   | 3   | 3   | 2   | 4   | 3,00 | 3  | 3  | 3  | 2  | 2,75 | 3  | 4  | 4  | 3,67 | 4  | 4  | 3  | 4  | 3,75 |
| 156 | 3  | 3  | 2  | 3  | 3  | 3  | 2,83 | 5   | 5   | 5   | 5   | 5,00 | 4  | 5  | 4  | 4,33 | 5   | 3   | 5   | 4   | 5   | 4,40 | 5  | 5  | 5  | 3  | 4,50 | 4  | 5  | 5  | 4,67 | 5  | 5  | 5  | 5  | 5,00 |
| 157 | 2  | 3  | 2  | 1  | 2  | 2  | 2,00 | 4   | 4   | 4   | 5   | 4,25 | 4  | 4  | 4  | 4,00 | 5   | 3   | 5   | 2   | 4   | 3,80 | 4  | 5  | 5  | 2  | 4,00 | 2  | 5  | 4  | 3,67 | 5  | 4  | 4  | 5  | 4,50 |
| 158 | 3  | 2  | 3  | 3  | 3  | 3  | 2,83 | 3   | 2   | 2   | 2   | 2,25 | 2  | 4  | 3  | 3,00 | 3   | 2   | 3   | 2   | 3   | 2,60 | 3  | 3  | 4  | 2  | 3,00 | 3  | 4  | 3  | 3,33 | 4  | 4  | 3  | 4  | 3,75 |
| 159 | 3  | 3  | 2  | 3  | 3  | 3  | 2,83 | 3   | 2   | 2   | 2   | 2,25 | 4  | 4  | 4  | 4,00 | 3   | 2   | 3   | 2   | 3   | 2,60 | 3  | 3  | 4  | 2  | 3,00 | 3  | 4  | 3  | 3,33 | 4  | 4  | 3  | 4  | 3,75 |
| 160 | 4  | 3  | 4  | 4  | 3  | 4  | 3,67 | 3   | 3   | 4   | 4   | 3,50 | 4  | 5  | 4  | 4,33 | 3   | 2   | 2   | 3   | 5   | 3,00 | 4  | 5  | 5  | 3  | 4,25 | 4  | 5  | 5  | 4,67 | 5  | 5  | 4  | 5  | 4,75 |
| 161 | 3  | 2  | 3  | 3  | 3  | 3  | 2,83 | 5   | 5   | 5   | 5   | 5,00 | 4  | 5  | 5  | 4,67 | 5   | 3   | 5   | 4   | 5   | 4,40 | 5  | 5  | 5  | 3  | 4,50 | 4  | 5  | 5  | 4,67 | 5  | 5  | 5  | 5  | 5,00 |
| 162 | 3  | 2  | 2  | 3  | 2  | 2  | 2,33 | 4   | 4   | 4   | 5   | 4,25 | 2  | 2  | 2  | 2,00 | 5   | 3   | 5   | 2   | 4   | 3,80 | 4  | 5  | 5  | 2  | 4,00 | 2  | 5  | 4  | 3,67 | 5  | 4  | 4  | 5  | 4,50 |
| 163 | 3  | 3  | 4  | 3  | 3  | 3  | 3,17 | 3   | 2   | 2   | 2   | 2,25 | 5  | 5  | 4  | 4,67 | 3   | 2   | 3   | 2   | 3   | 2,60 | 3  | 3  | 4  | 2  | 3,00 | 3  | 4  | 3  | 3,33 | 4  | 4  | 3  | 4  | 3,75 |
| 164 | 3  | 3  | 2  | 2  | 2  | 2  | 2,33 | 3   | 3   | 4   | 4   | 3,50 | 3  | 4  | 4  | 3,67 | 3   | 2   | 2   | 3   | 5   | 3,00 | 4  | 5  | 5  | 3  | 4,25 | 4  | 5  | 5  | 4,67 | 5  | 5  | 4  | 5  | 4,75 |
| 165 | 2  | 1  | 2  | 2  | 2  | 2  | 1,83 | 3   | 4   | 4   | 3   | 3,50 | 2  | 2  | 2  | 2,00 | 3   | 2   | 3   | 3   | 4   | 3,00 | 4  | 5  | 5  | 4  | 4,50 | 2  | 4  | 4  | 3,33 | 3  | 3  | 4  | 4  | 3,50 |
| 166 | 2  | 1  | 2  | 2  | 2  | 1  | 1,67 | 3   | 4   | 4   | 4   | 3,75 | 3  | 4  | 5  | 4,00 | 4   | 3   | 4   | 3   | 3   | 3,40 | 2  | 2  | 2  | 1  | 1,75 | 3  | 4  | 3  | 3,33 | 2  | 4  | 3  | 4  | 3,25 |
| 167 | 3  | 3  | 3  | 3  | 3  | 3  | 3,00 | 3   | 3   | 3   | 3   | 3,00 | 4  | 4  | 4  | 4,00 | 3   | 2   | 4   | 4   | 5   | 3,60 | 4  | 5  | 5  | 2  | 4,00 | 4  | 5  | 5  | 4,67 | 4  | 4  | 3  | 5  | 4,00 |
| 168 | 4  | 4  | 4  | 3  | 4  | 4  | 3,83 | 3   | 3   | 3   | 3   | 3,00 | 3  | 3  | 3  | 3,00 | 4   | 3   | 4   | 2   | 4   | 3,40 | 3  | 4  | 4  | 2  | 3,25 | 4  | 4  | 4  | 4,00 | 4  | 5  | 5  | 4  | 4,50 |
| 169 | 2  | 1  | 2  | 2  | 2  | 2  | 1,83 | 4   | 3   | 2   | 4   | 3,25 | 4  | 4  | 3  | 3,67 | 4   | 3   | 4   | 4   | 4   | 3,80 | 4  | 4  | 4  | 3  | 3,75 | 4  | 4  | 4  | 4,00 | 4  | 4  | 4  | 4  | 4,00 |
| 170 | 5  | 4  | 4  | 3  | 4  | 4  | 4,00 | 4   | 3   | 3   | 4   | 3,50 | 5  | 4  | 5  | 4,67 | 4   | 3   | 5   | 2   | 4   | 3,60 | 5  | 4  | 5  | 3  | 4,25 | 4  | 4  | 4  | 4,00 | 5  | 4  | 5  | 4  | 4,50 |
| 171 | 2  | 2  | 2  | 2  | 2  | 2  | 2,00 | 4   | 3   | 3   | 4   | 3,50 | 3  | 5  | 4  | 4,00 | 5   | 4   | 5   | 4   | 4   | 4,40 | 4  | 4  | 5  | 3  | 4,00 | 4  | 5  | 4  | 4,33 | 4  | 4  | 3  | 5  | 4,00 |
| 172 | 2  | 3  | 3  | 3  | 3  | 3  | 2,83 | 4   | 5   | 5   | 4   | 4,50 | 5  | 5  | 4  | 4,67 | 5   | 4   | 5   | 4   | 4   | 4,40 | 4  | 4  | 5  | 3  | 4,50 | 4  | 5  | 4  | 4,33 | 5  | 5  | 4  | 5  | 4,75 |
| 173 | 3  | 3  | 3  | 2  | 3  | 3  | 2,83 | 4   | 1   | 1   | 2   | 2,00 | 3  | 3  | 3  | 3,00 | 2   | 2   | 2   | 3   | 3   | 2,40 | 4  | 3  | 5  | 1  | 3,25 | 2  | 3  | 3  | 2,67 | 3  | 4  | 3  | 3  | 3,25 |
| 174 | 3  | 3  | 3  | 3  | 3  | 3  | 3,00 | 3   | 3   | 2   | 2   | 2,50 | 1  | 2  | 3  | 2,00 | 4   | 2   | 3   | 2   | 4   | 3,00 | 4  | 4  | 4  | 2  | 3,50 | 3  | 4  | 4  | 3,67 | 5  | 5  | 5  | 4  | 4,75 |
| 175 | 3  | 4  | 3  | 2  | 4  | 3  | 3,17 | 3   | 3   | 3   | 4   | 3,25 | 4  | 4  | 4  | 4,00 | 4   | 3   | 4   | 4   | 5   | 4,00 | 4  | 4  | 4  | 3  | 3,75 | 2  | 5  | 4  | 3,67 | 5  | 5  | 5  | 5  | 5,00 |
| 176 | 4  | 4  | 5  | 4  | 5  | 4  | 4,33 | 3   | 4   | 4   | 4   | 3,75 | 4  | 4  | 4  | 4,00 | 4   | 3   | 4   | 3   | 3   | 3,40 | 2  | 2  | 2  | 1  | 1,75 | 3  | 4  | 3  | 3,33 | 2  | 4  | 3  | 4  | 3,25 |
| 177 | 4  | 5  | 5  | 5  | 5  | 4  | 4,67 | 3   | 4   | 4   | 4   | 3,75 | 4  | 4  | 4  | 4,00 | 4   | 3   | 4   | 3   | 3   | 3,40 | 2  | 2  | 2  | 1  | 1,75 | 2  | 5  | 4  | 3,67 | 2  | 4  | 3  | 4  | 3,25 |
| 178 | 4  | 4  | 4  | 4  | 4  | 4  | 4,00 | 3   | 3   | 3   | 3   | 3,00 | 4  | 4  | 4  | 4,00 | 3   | 2   | 4   | 4   | 5   | 3,60 | 4  | 5  | 5  | 2  | 4,00 | 4  | 5  | 5  | 4,67 | 4  | 4  | 3  | 5  | 4,00 |
| 179 | 3  | 3  | 3  | 3  | 4  | 3  | 3,17 | 4   | 3   | 3   | 3   | 3,25 | 4  | 4  | 4  | 4,00 | 4   | 2   | 4   | 2   | 4   | 3,20 | 3  | 4  | 4  | 4  | 3,75 | 4  | 4  | 4  | 4,00 | 4  | 4  | 4  | 4  | 4,00 |
| 180 | 4  | 4  | 4  | 4  | 4  | 3  | 3,67 | 3   | 3   | 3   | 3   | 3,00 | 5  | 5  | 4  | 4,67 | 4   | 3   | 4   | 2   | 4   | 3,40 | 3  | 4  | 4  | 2  | 3,25 | 4  | 4  | 4  | 4,00 | 4  | 5  | 5  | 4  | 4,50 |
| 181 | 2  | 1  | 2  | 2  | 2  | 2  | 1,83 | 4   | 3   | 2   | 4   | 3,25 | 5  | 5  | 5  | 5,00 | 4   | 3   | 4   | 4   | 4   | 3,80 | 4  | 4  | 4  | 3  | 3,75 | 4  | 4  | 4  | 4,00 | 4  | 4  | 4  | 4  | 4,00 |
| 182 | 4  | 2  | 1  | 2  | 3  | 2  | 2,33 | 5   | 5   | 5   | 5   | 5,00 | 4  | 5  | 4  | 4,33 | 5   | 3   | 5   | 4   | 5   | 4,40 | 5  | 5  | 5  | 3  | 4,50 | 4  | 5  | 5  | 4,67 | 5  | 5  | 5  | 5  | 5,00 |
| 183 | 2  | 4  | 2  | 1  | 2  | 1  | 2,00 | 4   | 4   | 4   | 5   | 4,25 | 4  | 5  | 5  | 4,67 | 5   | 3   | 5   | 2   | 4   | 3,80 | 4  | 5  | 5  | 2  | 4,00 | 2  | 5  | 4  | 3,67 | 5  | 4  | 4  | 5  | 4,50 |
| 184 | 3  | 3  | 4  | 3  | 3  | 3  | 3,17 | 4   | 5   | 5   | 4   | 4,50 | 5  | 5  | 4  | 4,67 | 5   | 4   | 5   | 4   | 4   | 4,40 | 4  | 5  | 5  | 4  | 4,50 | 4  | 5  | 4  | 4,33 | 5  | 5  | 4  | 5  | 4,75 |
| 185 | 2  | 3  | 1  | 2  | 2  | 2  | 2,00 | 5   | 5   | 5   | 5   | 5,00 | 3  | 4  | 4  | 3,67 | 5   | 3   | 5   | 4   | 5   | 4,40 | 5  | 5  | 5  | 3  | 4,50 | 4  | 5  | 5  | 4,67 | 5  | 5  | 5  | 5  | 5,00 |
| 186 | 4  | 4  | 4  | 4  | 4  | 4  | 4,00 | 4   | 4   | 4   | 5   | 4,25 | 3  | 3  | 3  | 3,00 | 5   | 3   | 5   | 2   | 4   | 3,80 | 4  | 5  | 5  | 2  | 4,00 | 2  | 5  | 4  | 3,67 | 5  | 4  | 4  | 5  | 4,50 |
| 187 | 2  | 2  | 2  | 2  | 2  | 2  | 2,00 | 3   | 2   | 2   | 2   | 2,25 | 4  | 3  | 4  | 3,67 | 3   | 2   | 3   | 2   | 3   | 2,60 | 3  | 3  | 4  | 2  | 3,00 | 3  | 4  | 3  | 3,33 | 4  | 4  | 3  | 4  | 3,75 |
| 188 | 2  | 1  | 2  | 2  | 2  | 3  | 2,00 | 3   | 3   | 4   | 4   | 3,50 | 3  | 4  | 5  | 4,00 | 3   | 2   | 2   | 3   | 5   | 3,00 | 4  | 5  | 5  | 3  | 4,25 | 3  | 4  | 3  | 3,33 | 5  | 5  | 4  | 5  | 4,75 |
| 189 | 3  | 3  | 3  | 3  | 3  | 3  | 3,00 | 3   | 4   | 4   | 4   | 3,75 | 3  | 3  | 3  | 3,00 | 4   | 3   | 4   | 3   | 3   | 3,40 | 2  | 2  | 2  | 1  | 1,75 | 3  | 4  | 3  | 3,33 | 2  | 4  | 3  | 4  | 3,25 |
| 190 | 2  | 2  | 2  | 2  | 3  | 2  | 2,17 | 3   | 3   | 3   | 3   | 3,00 | 2  | 3  | 2  | 2,33 | 3   | 2   | 4   | 4   | 5   | 3,60 | 4  | 5  | 5  | 2  | 4,00 | 4  | 5  | 5  | 4,67 | 4  | 4  | 3  | 5  | 4,00 |
| 191 | 4  | 4  | 4  | 4  | 4  | 4  | 3,83 | 4   | 3   | 3   | 3   | 3,25 | 3  | 3  | 3  | 3,00 | 4   | 2   | 4   | 2   | 4   | 3,20 | 3  | 4  | 4  | 4  | 3,75 | 4  | 4  | 4  | 4,00 | 4  | 4  | 4  | 4  | 4,00 |
| 192 | 2  | 3  | 2  | 2  | 3  | 2  | 2,33 | 3   | 3   | 3   | 3   | 3,00 | 4  | 4  | 3  | 3,67 | 4   | 3   | 4   | 2   | 4   | 3,40 | 3  | 4  | 4  | 2  | 3,25 | 4  | 4  | 4  | 4,00 | 4  | 5  | 5  | 4  | 4,50 |
| 193 | 3  | 2  | 2  | 1  | 2  | 2  | 2,00 | 3   | 3   | 4   | 4   | 3,50 | 5  | 4  | 5  | 4,67 | 3   | 2   | 2   | 3   | 5   | 3,00 | 4  | 5  | 5  | 3  | 4,25 | 3  | 3  | 3  | 3,00 | 5  | 5  | 4  | 5  | 4,75 |
| 194 | 2  | 1  | 2  | 2  | 2  | 2  | 1,83 | 3   | 4   | 4   | 3   | 3,50 | 3  | 5  | 4  | 4,00 | 3   | 2   | 3   | 3   | 4   | 3,00 | 4  | 5  | 5  | 4  | 4,50 | 2  | 4  | 4  | 3,33 | 3  | 3  | 4  | 4  | 3,50 |

| R   | R1 | R2 | R3 | R4 | R5 | R6 | X1   | RS1 | RS2 | RS3 | RS4 | X2   | A1 | A2 | A3 | X3   | EM1 | EM2 | EM3 | EM4 | EM5 | X4   | T1 | T2 | T3 | T4 | X5   | S1 | S2 | S3 | Y    | L1 | L2 | L3 | L4 | Y    |
|-----|----|----|----|----|----|----|------|-----|-----|-----|-----|------|----|----|----|------|-----|-----|-----|-----|-----|------|----|----|----|----|------|----|----|----|------|----|----|----|----|------|
| 195 | 2  | 3  | 3  | 3  | 3  | 3  | 2,83 | 3   | 4   | 4   | 4   | 3,75 | 5  | 5  | 4  | 4,67 | 4   | 3   | 4   | 3   | 3   | 3,40 | 2  | 2  | 2  | 1  | 1,75 | 3  | 4  | 3  | 3,33 | 2  | 4  | 3  | 4  | 3,25 |
| 196 | 5  | 4  | 4  | 5  | 5  | 5  | 4,67 | 3   | 3   | 3   | 3   | 3,00 | 3  | 3  | 3  | 3,00 | 3   | 2   | 4   | 4   | 5   | 3,60 | 4  | 5  | 5  | 2  | 4,00 | 4  | 4  | 4  | 4,00 | 4  | 4  | 3  | 5  | 4,00 |
| 197 | 4  | 4  | 5  | 5  | 5  | 5  | 4,67 | 4   | 5   | 5   | 4   | 4,50 | 4  | 3  | 3  | 3,33 | 5   | 4   | 5   | 4   | 4   | 4,40 | 4  | 5  | 5  | 4  | 4,50 | 4  | 5  | 5  | 4,67 | 5  | 5  | 4  | 5  | 4,75 |
| 198 | 3  | 4  | 3  | 2  | 4  | 3  | 3,17 | 4   | 1   | 1   | 2   | 2,00 | 4  | 4  | 3  | 3,67 | 2   | 2   | 2   | 3   | 3   | 2,40 | 4  | 3  | 5  | 1  | 3,25 | 2  | 3  | 3  | 2,67 | 3  | 4  | 3  | 3  | 3,25 |
| 199 | 3  | 2  | 2  | 2  | 3  | 2  | 2,33 | 3   | 3   | 2   | 2   | 2,50 | 4  | 4  | 4  | 4,00 | 4   | 2   | 3   | 2   | 4   | 3,00 | 4  | 4  | 4  | 2  | 3,50 | 3  | 4  | 4  | 3,67 | 5  | 5  | 4  | 4  | 4,75 |
| 200 | 5  | 4  | 4  | 4  | 5  | 4  | 4,33 | 3   | 3   | 3   | 4   | 3,25 | 4  | 4  | 4  | 4,00 | 4   | 3   | 4   | 4   | 5   | 4,00 | 4  | 4  | 4  | 3  | 3,75 | 3  | 5  | 5  | 4,33 | 5  | 5  | 5  | 5  | 5,00 |
| 201 | 2  | 5  | 5  | 5  | 5  | 4  | 4,33 | 3   | 4   | 4   | 4   | 3,75 | 4  | 4  | 4  | 4,00 | 4   | 3   | 4   | 3   | 3   | 3,40 | 2  | 2  | 2  | 1  | 1,75 | 3  | 4  | 3  | 3,33 | 2  | 4  | 3  | 4  | 3,25 |
| 202 | 5  | 2  | 4  | 4  | 4  | 4  | 3,83 | 3   | 2   | 2   | 2   | 2,25 | 4  | 4  | 4  | 4,00 | 3   | 2   | 2   | 2   | 3   | 2,40 | 2  | 3  | 4  | 2  | 2,75 | 2  | 2  | 3  | 2,33 | 3  | 3  | 3  | 2  | 2,75 |
| 203 | 4  | 4  | 3  | 4  | 3  | 4  | 3,67 | 2   | 2   | 3   | 2   | 2,25 | 4  | 4  | 4  | 4,00 | 5   | 3   | 4   | 3   | 4   | 3,80 | 4  | 5  | 5  | 2  | 4,00 | 3  | 4  | 4  | 3,67 | 4  | 4  | 4  | 4  | 4,00 |
| 204 | 5  | 5  | 5  | 5  | 4  | 5  | 4,83 | 4   | 4   | 4   | 3   | 3,75 | 4  | 4  | 3  | 3,67 | 4   | 3   | 2   | 3   | 4   | 3,20 | 4  | 3  | 4  | 3  | 3,50 | 4  | 5  | 5  | 4,67 | 4  | 4  | 4  | 4  | 4,00 |
| 205 | 3  | 4  | 4  | 4  | 4  | 4  | 3,83 | 4   | 4   | 4   | 4   | 4,00 | 5  | 3  | 5  | 4,33 | 4   | 4   | 4   | 4   | 4   | 4,00 | 3  | 4  | 4  | 4  | 3,75 | 4  | 4  | 4  | 4,00 | 4  | 4  | 4  | 4  | 4,00 |
| 206 | 2  | 3  | 1  | 2  | 2  | 2  | 2,00 | 4   | 4   | 4   | 4   | 4,00 | 4  | 4  | 4  | 4,00 | 4   | 3   | 4   | 4   | 4   | 3,60 | 4  | 4  | 3  | 2  | 3,25 | 2  | 5  | 4  | 3,67 | 3  | 3  | 3  | 3  | 3,00 |
| 207 | 3  | 3  | 3  | 3  | 3  | 4  | 3,17 | 3   | 3   | 3   | 3   | 3,00 | 3  | 3  | 3  | 3,00 | 4   | 4   | 4   | 4   | 4   | 4,00 | 3  | 3  | 4  | 3  | 3,25 | 4  | 4  | 4  | 4,00 | 4  | 4  | 4  | 4  | 4,00 |
| 208 | 4  | 4  | 4  | 4  | 5  | 5  | 4,33 | 3   | 4   | 4   | 4   | 3,75 | 4  | 4  | 4  | 4,00 | 4   | 3   | 4   | 3   | 3   | 3,40 | 4  | 4  | 4  | 4  | 4,00 | 4  | 3  | 3  | 3,33 | 5  | 5  | 5  | 3  | 4,50 |
| 209 | 3  | 3  | 3  | 3  | 4  | 4  | 3,33 | 4   | 4   | 4   | 4   | 4,00 | 5  | 5  | 5  | 5,00 | 3   | 3   | 4   | 3   | 4   | 3,40 | 4  | 3  | 4  | 4  | 3,75 | 4  | 4  | 4  | 4,00 | 5  | 5  | 5  | 4  | 4,75 |
| 210 | 4  | 2  | 4  | 4  | 4  | 4  | 3,67 | 4   | 4   | 4   | 4   | 4,00 | 5  | 3  | 5  | 4,33 | 4   | 3   | 4   | 4   | 4   | 3,80 | 4  | 4  | 4  | 2  | 3,50 | 4  | 5  | 4  | 4,33 | 5  | 5  | 5  | 5  | 5,00 |
| 211 | 4  | 3  | 2  | 4  | 4  | 4  | 3,50 | 3   | 3   | 3   | 4   | 3,25 | 5  | 3  | 4  | 4,00 | 4   | 2   | 4   | 3   | 3   | 3,20 | 4  | 4  | 4  | 4  | 4,00 | 3  | 4  | 3  | 3,33 | 4  | 4  | 4  | 4  | 4,00 |
| 212 | 2  | 3  | 2  | 1  | 2  | 2  | 2,00 | 5   | 3   | 3   | 1   | 3,00 | 2  | 2  | 3  | 2,33 | 4   | 3   | 4   | 4   | 4   | 3,80 | 4  | 4  | 4  | 4  | 4,00 | 4  | 4  | 4  | 4,00 | 3  | 4  | 4  | 4  | 4,75 |
| 213 | 1  | 2  | 1  | 2  | 2  | 2  | 1,67 | 4   | 3   | 3   | 4   | 3,50 | 4  | 4  | 4  | 4,00 | 4   | 3   | 5   | 2   | 4   | 3,60 | 5  | 4  | 5  | 3  | 4,25 | 4  | 4  | 4  | 4,00 | 5  | 4  | 5  | 4  | 4,50 |
| 214 | 5  | 4  | 4  | 4  | 4  | 4  | 4,17 | 4   | 3   | 3   | 4   | 3,50 | 3  | 4  | 4  | 3,67 | 5   | 4   | 5   | 4   | 4   | 4,40 | 4  | 4  | 5  | 3  | 4,00 | 4  | 5  | 4  | 4,33 | 4  | 4  | 3  | 5  | 4,00 |
| 215 | 5  | 3  | 2  | 3  | 3  | 3  | 3,17 | 4   | 5   | 5   | 4   | 4,50 | 4  | 3  | 3  | 3,33 | 5   | 4   | 5   | 4   | 4   | 4,40 | 4  | 5  | 5  | 4  | 4,50 | 4  | 5  | 4  | 4,33 | 5  | 5  | 4  | 5  | 4,75 |
| 216 | 5  | 5  | 4  | 2  | 5  | 4  | 4,17 | 4   | 3   | 3   | 4   | 3,50 | 3  | 3  | 3  | 3,00 | 5   | 4   | 5   | 4   | 4   | 4,40 | 4  | 4  | 5  | 3  | 4,00 | 4  | 5  | 4  | 4,33 | 4  | 4  | 3  | 5  | 4,00 |
| 217 | 3  | 3  | 2  | 3  | 3  | 3  | 2,83 | 4   | 5   | 5   | 4   | 4,50 | 4  | 5  | 4  | 4,33 | 5   | 4   | 5   | 4   | 4   | 4,40 | 4  | 5  | 5  | 4  | 4,50 | 4  | 5  | 4  | 4,33 | 5  | 5  | 4  | 5  | 4,75 |
| 218 | 5  | 4  | 5  | 5  | 4  | 4  | 4,50 | 3   | 3   | 3   | 4   | 3,25 | 5  | 4  | 3  | 4,00 | 4   | 3   | 4   | 4   | 5   | 4,00 | 4  | 4  | 4  | 3  | 3,75 | 3  | 5  | 5  | 4,33 | 5  | 5  | 5  | 5  | 5,00 |
| 219 | 4  | 3  | 4  | 4  | 5  | 5  | 4,17 | 3   | 4   | 4   | 4   | 3,75 | 4  | 4  | 4  | 4,00 | 4   | 3   | 4   | 3   | 3   | 3,40 | 2  | 2  | 2  | 1  | 1,75 | 3  | 4  | 3  | 3,33 | 2  | 4  | 3  | 4  | 3,25 |
| 220 | 1  | 3  | 2  | 2  | 3  | 3  | 2,33 | 3   | 2   | 2   | 2   | 2,25 | 4  | 4  | 4  | 4,00 | 3   | 2   | 2   | 2   | 3   | 2,40 | 2  | 3  | 4  | 2  | 2,75 | 2  | 2  | 3  | 2,33 | 3  | 3  | 3  | 2  | 2,75 |
| 221 | 4  | 2  | 3  | 4  | 3  | 3  | 3,17 | 2   | 2   | 3   | 2   | 2,25 | 3  | 4  | 4  | 3,67 | 5   | 3   | 4   | 3   | 4   | 3,80 | 4  | 5  | 5  | 2  | 4,00 | 3  | 4  | 4  | 3,67 | 4  | 4  | 4  | 4  | 4,00 |
| 222 | 4  | 5  | 5  | 5  | 4  | 5  | 4,67 | 4   | 4   | 4   | 3   | 3,75 | 3  | 4  | 4  | 3,67 | 4   | 3   | 2   | 3   | 4   | 3,20 | 4  | 3  | 4  | 3  | 3,50 | 4  | 4  | 4  | 4,00 | 4  | 4  | 4  | 4  | 4,00 |
| 223 | 2  | 3  | 3  | 3  | 4  | 5  | 3,33 | 4   | 4   | 4   | 4   | 4,00 | 3  | 2  | 2  | 2,33 | 4   | 4   | 4   | 4   | 4   | 4,00 | 3  | 4  | 4  | 4  | 3,75 | 4  | 4  | 4  | 4,00 | 4  | 4  | 4  | 4  | 4,00 |
| 224 | 2  | 3  | 4  | 5  | 3  | 3  | 3,33 | 4   | 4   | 4   | 4   | 4,00 | 3  | 3  | 3  | 3,00 | 4   | 3   | 4   | 4   | 3   | 3,60 | 4  | 4  | 3  | 2  | 3,25 | 3  | 3  | 3  | 3,00 | 3  | 3  | 3  | 3  | 3,00 |
| 225 | 3  | 3  | 3  | 3  | 4  | 3  | 3,17 | 3   | 3   | 3   | 3   | 3,00 | 3  | 3  | 3  | 3,00 | 4   | 4   | 4   | 4   | 4   | 4,00 | 3  | 3  | 4  | 3  | 3,25 | 4  | 4  | 4  | 4,00 | 4  | 4  | 4  | 4  | 4,00 |
| 226 | 5  | 5  | 4  | 4  | 3  | 4  | 4,17 | 4   | 3   | 3   | 4   | 3,50 | 3  | 4  | 4  | 3,67 | 3   | 3   | 3   | 3   | 4   | 3,20 | 4  | 4  | 4  | 3  | 3,75 | 4  | 5  | 4  | 4,33 | 5  | 4  | 3  | 5  | 4,25 |
| 227 | 4  | 5  | 3  | 3  | 4  | 5  | 4,00 | 3   | 2   | 2   | 2   | 2,25 | 4  | 4  | 3  | 3,67 | 2   | 2   | 2   | 3   | 2   | 2,20 | 4  | 4  | 2  | 2  | 3,00 | 2  | 4  | 2  | 2,67 | 4  | 4  | 3  | 4  | 3,75 |
| 228 | 4  | 4  | 3  | 4  | 4  | 2  | 3,50 | 4   | 4   | 4   | 4   | 4,00 | 4  | 5  | 4  | 4,33 | 4   | 3   | 4   | 4   | 4   | 3,80 | 4  | 4  | 4  | 2  | 3,50 | 4  | 5  | 4  | 4,33 | 5  | 5  | 5  | 5  | 5,00 |
| 229 | 5  | 4  | 4  | 4  | 5  | 4  | 4,33 | 3   | 2   | 2   | 2   | 2,25 | 4  | 4  | 4  | 4,00 | 2   | 2   | 2   | 3   | 2   | 2,20 | 4  | 4  | 2  | 2  | 3,00 | 3  | 4  | 3  | 3,33 | 4  | 4  | 3  | 4  | 3,75 |
| 230 | 5  | 5  | 4  | 4  | 4  | 4  | 4,33 | 4   | 4   | 4   | 4   | 4,00 | 4  | 4  | 5  | 4,33 | 4   | 3   | 4   | 4   | 4   | 3,80 | 4  | 4  | 4  | 2  | 3,50 | 4  | 5  | 4  | 4,33 | 5  | 5  | 5  | 5  | 5,00 |
| 231 | 5  | 4  | 4  | 5  | 5  | 3  | 4,33 | 3   | 3   | 3   | 4   | 3,25 | 4  | 4  | 3  | 3,67 | 4   | 2   | 4   | 3   | 3   | 3,20 | 4  | 4  | 4  | 4  | 4,00 | 3  | 4  | 3  | 3,33 | 4  | 4  | 4  | 4  | 4,00 |
| 232 | 5  | 4  | 3  | 5  | 5  | 4  | 4,33 | 5   | 3   | 3   | 1   | 3,00 | 4  | 4  | 5  | 4,33 | 4   | 3   | 4   | 4   | 4   | 3,80 | 4  | 4  | 4  | 4  | 4,00 | 4  | 4  | 4  | 4,00 | 3  | 4  | 4  | 4  | 3,75 |
| 233 | 3  | 3  | 3  | 3  | 3  | 2  | 2,83 | 4   | 3   | 3   | 4   | 3,50 | 5  | 5  | 4  | 4,67 | 4   | 3   | 5   | 2   | 4   | 3,60 | 5  | 4  | 5  | 3  | 4,25 | 4  | 4  | 4  | 4,00 | 5  | 4  | 5  | 4  | 4,50 |
| 234 | 5  | 3  | 5  | 5  | 5  | 4  | 4,50 | 4   | 3   | 3   | 4   | 3,50 | 3  | 4  | 4  | 3,67 | 5   | 4   | 5   | 4   | 4   | 4,40 | 4  | 4  | 5  | 3  | 4,00 | 4  | 5  | 4  | 4,33 | 4  | 4  | 3  | 5  | 4,00 |

| R   | R1 | R2 | R3 | R4 | R5 | R6 | X1   | RS1 | RS2 | RS3 | RS4 | X2   | A1 | A2 | A3 | X3   | EM1 | EM2 | EM3 | EM4 | EM5 | X4   | T1 | T2 | T3 | T4 | X5   | S1 | S2 | S3 | Y    | L1 | L2 | L3 | L4 | Y    |
|-----|----|----|----|----|----|----|------|-----|-----|-----|-----|------|----|----|----|------|-----|-----|-----|-----|-----|------|----|----|----|----|------|----|----|----|------|----|----|----|----|------|
| 235 | 4  | 4  | 4  | 4  | 4  | 4  | 4,00 | 4   | 5   | 5   | 4   | 4,50 | 5  | 5  | 5  | 5,00 | 5   | 4   | 5   | 4   | 4   | 4,40 | 4  | 5  | 5  | 4  | 4,50 | 4  | 5  | 4  | 4,33 | 5  | 5  | 4  | 5  | 4,75 |
| 236 | 4  | 4  | 4  | 5  | 5  | 4  | 4,33 | 4   | 5   | 5   | 4   | 4,50 | 4  | 3  | 4  | 3,67 | 5   | 4   | 5   | 4   | 4   | 4,40 | 4  | 5  | 5  | 4  | 4,50 | 3  | 5  | 5  | 4,33 | 5  | 5  | 4  | 5  | 4,75 |
| 237 | 3  | 3  | 3  | 3  | 3  | 3  | 3,00 | 4   | 1   | 1   | 2   | 2,00 | 3  | 4  | 5  | 4,00 | 2   | 2   | 2   | 3   | 3   | 2,40 | 4  | 3  | 5  | 1  | 3,25 | 2  | 3  | 3  | 2,67 | 3  | 4  | 3  | 3  | 3,25 |
| 238 | 4  | 4  | 4  | 4  | 5  | 4  | 4,17 | 3   | 3   | 2   | 2   | 2,50 | 3  | 3  | 3  | 3,00 | 4   | 2   | 3   | 2   | 4   | 3,00 | 4  | 4  | 4  | 2  | 3,50 | 3  | 4  | 4  | 3,67 | 5  | 5  | 5  | 4  | 4,75 |
| 239 | 3  | 3  | 3  | 3  | 3  | 3  | 3,00 | 3   | 3   | 3   | 4   | 3,25 | 4  | 4  | 4  | 4,00 | 4   | 3   | 4   | 4   | 5   | 4,00 | 4  | 4  | 4  | 3  | 3,75 | 3  | 5  | 5  | 4,33 | 5  | 5  | 5  | 5  | 5,00 |
| 240 | 2  | 1  | 1  | 1  | 1  | 1  | 1,17 | 3   | 4   | 4   | 4   | 3,75 | 3  | 3  | 3  | 3,00 | 4   | 3   | 4   | 3   | 3   | 3,40 | 2  | 2  | 2  | 1  | 1,75 | 3  | 4  | 3  | 3,33 | 2  | 4  | 3  | 4  | 3,25 |
| 241 | 4  | 4  | 4  | 3  | 4  | 4  | 3,83 | 3   | 4   | 4   | 4   | 3,75 | 5  | 5  | 5  | 5,00 | 4   | 3   | 4   | 3   | 3   | 3,40 | 2  | 2  | 2  | 1  | 1,75 | 4  | 4  | 4  | 4,00 | 2  | 4  | 3  | 4  | 3,25 |
| 242 | 2  | 1  | 2  | 2  | 3  | 2  | 2,00 | 3   | 3   | 3   | 3   | 3,00 | 4  | 4  | 3  | 3,67 | 3   | 2   | 4   | 4   | 5   | 3,60 | 4  | 5  | 5  | 2  | 4,00 | 2  | 3  | 3  | 2,67 | 4  | 4  | 3  | 5  | 4,00 |
| 243 | 2  | 3  | 2  | 2  | 2  | 2  | 2,17 | 4   | 3   | 3   | 3   | 3,25 | 5  | 4  | 5  | 4,67 | 4   | 2   | 4   | 2   | 4   | 3,20 | 3  | 4  | 4  | 4  | 3,75 | 4  | 4  | 4  | 4,00 | 4  | 4  | 4  | 4  | 4,00 |
| 244 | 3  | 2  | 3  | 3  | 3  | 3  | 2,83 | 3   | 3   | 3   | 3   | 3,00 | 5  | 5  | 4  | 4,67 | 4   | 3   | 4   | 2   | 4   | 3,40 | 3  | 4  | 4  | 2  | 3,25 | 4  | 4  | 4  | 4,00 | 4  | 5  | 5  | 4  | 4,50 |
| 245 | 4  | 4  | 4  | 4  | 4  | 4  | 4,00 | 4   | 3   | 2   | 4   | 3,25 | 3  | 5  | 4  | 4,00 | 4   | 3   | 4   | 4   | 4   | 3,80 | 4  | 4  | 4  | 3  | 3,75 | 4  | 4  | 4  | 4,00 | 4  | 4  | 4  | 4  | 4,00 |
| 246 | 5  | 4  | 5  | 4  | 5  | 5  | 4,67 | 5   | 5   | 5   | 5   | 5,00 | 5  | 5  | 4  | 4,67 | 5   | 3   | 5   | 4   | 5   | 4,40 | 5  | 5  | 5  | 3  | 4,50 | 4  | 5  | 5  | 4,67 | 5  | 5  | 5  | 5  | 5,00 |
| 247 | 2  | 3  | 2  | 2  | 2  | 2  | 2,17 | 4   | 4   | 4   | 5   | 4,25 | 4  | 5  | 5  | 4,67 | 5   | 3   | 5   | 2   | 4   | 3,80 | 4  | 5  | 5  | 2  | 4,00 | 2  | 5  | 4  | 3,67 | 5  | 4  | 4  | 5  | 4,50 |
| 248 | 4  | 5  | 5  | 5  | 3  | 3  | 4,17 | 4   | 5   | 5   | 4   | 4,50 | 3  | 3  | 3  | 3,00 | 5   | 4   | 5   | 4   | 4   | 4,40 | 4  | 5  | 5  | 4  | 4,50 | 4  | 5  | 4  | 4,33 | 5  | 5  | 4  | 5  | 4,75 |
| 249 | 4  | 4  | 4  | 4  | 3  | 4  | 3,83 | 5   | 5   | 5   | 5   | 5,00 | 5  | 5  | 5  | 5,00 | 5   | 3   | 5   | 4   | 5   | 4,40 | 5  | 5  | 5  | 3  | 4,50 | 4  | 5  | 5  | 4,67 | 5  | 5  | 5  | 5  | 5,00 |
| 250 | 3  | 2  | 1  | 2  | 3  | 2  | 2,17 | 4   | 4   | 4   | 5   | 4,25 | 4  | 4  | 3  | 3,67 | 5   | 3   | 5   | 2   | 4   | 3,80 | 4  | 5  | 5  | 2  | 4,00 | 2  | 5  | 4  | 3,67 | 5  | 4  | 4  | 5  | 4,50 |
| 251 | 3  | 4  | 3  | 2  | 4  | 2  | 3,00 | 3   | 2   | 2   | 2   | 2,25 | 3  | 3  | 3  | 3,00 | 3   | 2   | 3   | 2   | 3   | 2,60 | 3  | 3  | 4  | 2  | 3,00 | 3  | 4  | 3  | 3,33 | 4  | 4  | 3  | 4  | 3,75 |
| 252 | 3  | 2  | 2  | 2  | 2  | 2  | 2,17 | 3   | 3   | 3   | 4   | 3,25 | 4  | 4  | 4  | 4,00 | 4   | 3   | 4   | 4   | 5   | 4,00 | 4  | 4  | 4  | 3  | 3,75 | 3  | 5  | 5  | 4,33 | 5  | 5  | 5  | 5  | 5,00 |
| 253 | 5  | 4  | 4  | 4  | 4  | 4  | 4,17 | 3   | 4   | 4   | 4   | 3,75 | 4  | 4  | 4  | 4,00 | 4   | 3   | 4   | 3   | 3   | 3,40 | 2  | 2  | 2  | 1  | 1,75 | 3  | 4  | 3  | 3,33 | 2  | 4  | 3  | 4  | 3,25 |
| 254 | 2  | 1  | 2  | 2  | 2  | 2  | 1,83 | 3   | 2   | 2   | 2   | 2,25 | 4  | 4  | 4  | 4,00 | 3   | 2   | 2   | 2   | 3   | 2,40 | 2  | 3  | 4  | 2  | 2,75 | 2  | 2  | 3  | 2,33 | 3  | 3  | 3  | 2  | 2,75 |
| 255 | 2  | 3  | 2  | 2  | 2  | 3  | 2,33 | 3   | 2   | 2   | 2   | 2,25 | 4  | 4  | 4  | 4,00 | 2   | 2   | 2   | 3   | 2   | 2,20 | 4  | 4  | 2  | 2  | 3,00 | 2  | 4  | 2  | 2,67 | 4  | 4  | 3  | 4  | 3,75 |
| 256 | 2  | 3  | 2  | 2  | 2  | 3  | 2,33 | 4   | 4   | 4   | 4   | 4,00 | 4  | 5  | 5  | 4,67 | 4   | 3   | 4   | 4   | 4   | 3,80 | 4  | 4  | 4  | 2  | 3,50 | 4  | 5  | 4  | 4,33 | 5  | 5  | 5  | 5  | 5,00 |
| 257 | 2  | 3  | 2  | 1  | 2  | 2  | 2,00 | 4   | 4   | 4   | 4   | 4,00 | 4  | 4  | 4  | 4,00 | 4   | 3   | 4   | 4   | 4   | 3,80 | 4  | 4  | 4  | 3  | 3,75 | 4  | 4  | 4  | 4,00 | 4  | 4  | 4  | 4  | 4,00 |
| 258 | 3  | 2  | 3  | 3  | 3  | 3  | 2,83 | 3   | 3   | 3   | 3   | 3,00 | 2  | 4  | 3  | 3,00 | 3   | 2   | 4   | 4   | 5   | 3,60 | 4  | 5  | 5  | 2  | 4,00 | 4  | 5  | 5  | 4,67 | 4  | 4  | 3  | 5  | 4,00 |
| 259 | 3  | 3  | 2  | 3  | 3  | 3  | 2,83 | 4   | 3   | 3   | 3   | 3,25 | 4  | 4  | 4  | 4,00 | 4   | 2   | 4   | 2   | 4   | 3,20 | 3  | 4  | 4  | 4  | 3,75 | 4  | 4  | 4  | 4,00 | 4  | 4  | 4  | 4  | 4,00 |
| 260 | 4  | 3  | 4  | 4  | 3  | 4  | 3,67 | 3   | 3   | 3   | 3   | 3,00 | 4  | 5  | 4  | 4,33 | 4   | 3   | 4   | 2   | 4   | 3,40 | 3  | 4  | 4  | 2  | 3,25 | 4  | 4  | 4  | 4,00 | 4  | 5  | 5  | 4  | 4,50 |
| 261 | 2  | 1  | 2  | 2  | 2  | 2  | 1,83 | 4   | 3   | 2   | 4   | 3,25 | 4  | 5  | 5  | 4,67 | 4   | 3   | 4   | 4   | 4   | 3,80 | 4  | 4  | 4  | 3  | 3,75 | 4  | 4  | 4  | 4,00 | 4  | 4  | 4  | 4  | 4,00 |
| 262 | 3  | 2  | 2  | 3  | 2  | 2  | 2,33 | 4   | 3   | 3   | 4   | 3,50 | 2  | 2  | 2  | 2,00 | 4   | 3   | 5   | 2   | 4   | 3,60 | 5  | 4  | 5  | 3  | 4,25 | 4  | 4  | 4  | 4,00 | 5  | 4  | 5  | 4  | 4,50 |
| 263 | 3  | 3  | 4  | 3  | 3  | 3  | 3,17 | 4   | 3   | 3   | 4   | 3,50 | 5  | 5  | 4  | 4,67 | 5   | 4   | 5   | 4   | 4   | 4,40 | 4  | 4  | 5  | 3  | 4,00 | 4  | 5  | 4  | 4,33 | 4  | 4  | 3  | 5  | 4,00 |
| 264 | 3  | 3  | 2  | 2  | 2  | 2  | 2,33 | 4   | 5   | 5   | 4   | 4,50 | 3  | 4  | 4  | 3,67 | 5   | 4   | 5   | 4   | 4   | 4,40 | 4  | 5  | 5  | 4  | 4,50 | 4  | 5  | 4  | 4,33 | 5  | 5  | 4  | 5  | 4,75 |
| 265 | 2  | 1  | 2  | 2  | 2  | 2  | 1,83 | 4   | 1   | 1   | 2   | 2,00 | 2  | 2  | 2  | 2,00 | 2   | 2   | 2   | 3   | 3   | 2,40 | 4  | 3  | 5  | 1  | 3,25 | 2  | 3  | 3  | 2,67 | 3  | 4  | 3  | 3  | 3,25 |
| 266 | 2  | 1  | 2  | 2  | 2  | 2  | 1,83 | 3   | 3   | 2   | 2   | 2,50 | 3  | 4  | 5  | 4,00 | 4   | 2   | 3   | 2   | 4   | 3,00 | 4  | 4  | 4  | 2  | 3,50 | 3  | 4  | 4  | 3,67 | 5  | 5  | 5  | 4  | 4,75 |
| 267 | 3  | 3  | 3  | 3  | 3  | 3  | 3,00 | 4   | 5   | 5   | 4   | 4,50 | 4  | 4  | 4  | 4,00 | 5   | 4   | 5   | 4   | 4   | 4,40 | 4  | 5  | 5  | 4  | 4,50 | 4  | 5  | 4  | 4,33 | 5  | 5  | 4  | 5  | 4,75 |
| 268 | 4  | 4  | 4  | 3  | 4  | 4  | 3,83 | 4   | 1   | 1   | 2   | 2,00 | 3  | 3  | 3  | 3,00 | 2   | 2   | 2   | 3   | 3   | 2,40 | 4  | 3  | 5  | 1  | 3,25 | 2  | 3  | 3  | 2,67 | 3  | 4  | 3  | 3  | 3,25 |
| 269 | 2  | 1  | 2  | 2  | 2  | 2  | 1,83 | 3   | 3   | 2   | 2   | 2,50 | 4  | 4  | 3  | 3,67 | 4   | 2   | 3   | 2   | 4   | 3,00 | 4  | 4  | 4  | 2  | 3,50 | 3  | 4  | 4  | 3,67 | 5  | 5  | 5  | 4  | 4,75 |
| 270 | 4  | 4  | 4  | 4  | 4  | 4  | 4,00 | 3   | 3   | 3   | 4   | 3,25 | 5  | 4  | 5  | 4,67 | 4   | 3   | 4   | 4   | 5   | 4,00 | 4  | 4  | 4  | 3  | 3,75 | 3  | 5  | 5  | 4,33 | 5  | 5  | 5  | 5  | 5,00 |
| 271 | 2  | 2  | 2  | 2  | 2  | 2  | 2,00 | 3   | 4   | 4   | 4   | 3,75 | 3  | 5  | 4  | 4,00 | 4   | 3   | 4   | 3   | 3   | 3,40 | 2  | 2  | 2  | 1  | 1,75 | 3  | 4  | 3  | 3,33 | 2  | 4  | 3  | 4  | 3,25 |
| 272 | 2  | 3  | 3  | 3  | 3  | 3  | 2,83 | 3   | 2   | 2   | 2   | 2,25 | 5  | 5  | 4  | 4,67 | 3   | 2   | 2   | 2   | 3   | 2,40 | 2  | 3  | 4  | 2  | 2,75 | 2  | 2  | 3  | 2,33 | 3  | 3  | 3  | 2  | 2,75 |
| 273 | 3  | 3  | 3  | 2  | 3  | 3  | 2,83 | 2   | 2   | 3   | 2   | 2,25 | 3  | 3  | 3  | 3,00 | 5   | 3   | 4   | 3   | 4   | 3,80 | 4  | 5  | 5  | 2  | 4,00 | 3  | 4  | 4  | 3,67 | 4  | 4  | 4  | 4  | 4,00 |
| 274 | 3  | 3  | 3  | 3  | 3  | 3  | 3,00 | 4   | 4   | 4   | 3   | 3,75 | 1  | 2  | 3  | 2,00 | 4   | 3   | 2   | 3   | 4   | 3,20 | 4  | 3  | 4  | 3  | 3,50 | 4  | 4  | 4  | 4,00 | 4  | 4  | 4  | 4  | 4,00 |

| R   | R1 | R2 | R3 | R4 | R5 | R6 | X1   | RS1 | RS2 | RS3 | RS4 | X2   | A1 | A2 | A3 | X3   | EM1 | EM2 | EM3 | EM4 | EM5 | X4   | T1 | T2 | T3 | T4 | X5   | S1 | S2 | S3 | Y    | L1 | L2 | L3 | L4 | Y    |      |
|-----|----|----|----|----|----|----|------|-----|-----|-----|-----|------|----|----|----|------|-----|-----|-----|-----|-----|------|----|----|----|----|------|----|----|----|------|----|----|----|----|------|------|
| 275 | 3  | 4  | 3  | 2  | 4  | 3  | 3,17 | 4   | 4   | 4   | 4   | 4,00 | 3  | 3  | 3  | 3,00 | 4   | 4   | 4   | 4   | 4   | 4,00 | 3  | 4  | 4  | 4  | 3,75 | 4  | 4  | 4  | 4,00 | 4  | 4  | 4  | 4  | 4    | 4,00 |
| 276 | 2  | 1  | 2  | 2  | 2  | 1  | 1,67 | 4   | 4   | 4   | 4   | 4,00 | 4  | 4  | 4  | 4,00 | 4   | 3   | 4   | 4   | 3   | 3,60 | 4  | 4  | 3  | 2  | 3,25 | 3  | 3  | 3  | 3,00 | 3  | 3  | 3  | 3  | 3,00 |      |
| 277 | 4  | 5  | 5  | 5  | 5  | 4  | 4,67 | 3   | 3   | 3   | 3   | 3,00 | 4  | 4  | 4  | 4,00 | 4   | 4   | 4   | 4   | 4   | 4,00 | 3  | 3  | 4  | 3  | 3,25 | 4  | 5  | 4  | 4,33 | 4  | 4  | 4  | 4  | 4,00 |      |
| 278 | 4  | 4  | 4  | 4  | 4  | 4  | 4,00 | 3   | 4   | 4   | 4   | 3,75 | 4  | 4  | 4  | 4,00 | 4   | 3   | 4   | 3   | 3   | 3,40 | 4  | 4  | 4  | 4  | 4,00 | 4  | 3  | 3  | 3,33 | 5  | 5  | 5  | 3  | 4,50 |      |
| 279 | 3  | 3  | 3  | 3  | 4  | 3  | 3,17 | 4   | 4   | 4   | 4   | 4,00 | 4  | 4  | 4  | 4,00 | 3   | 3   | 4   | 3   | 4   | 3,40 | 4  | 3  | 4  | 4  | 3,75 | 4  | 4  | 4  | 4,00 | 5  | 5  | 5  | 4  | 4,75 |      |
| 280 | 4  | 4  | 4  | 4  | 3  | 3  | 3,67 | 3   | 3   | 3   | 4   | 3,25 | 5  | 5  | 4  | 4,67 | 4   | 2   | 4   | 3   | 3   | 3,20 | 4  | 4  | 4  | 4  | 4,00 | 3  | 4  | 3  | 3,33 | 4  | 4  | 4  | 4  | 4,00 |      |
| 281 | 2  | 1  | 2  | 2  | 2  | 2  | 1,83 | 5   | 3   | 3   | 1   | 3,00 | 5  | 5  | 5  | 5,00 | 4   | 3   | 4   | 4   | 4   | 3,80 | 4  | 4  | 4  | 4  | 4,00 | 4  | 4  | 4  | 4,00 | 3  | 4  | 4  | 4  | 3,75 |      |
| 282 | 4  | 2  | 1  | 2  | 3  | 2  | 2,33 | 4   | 3   | 3   | 4   | 3,50 | 2  | 1  | 2  | 1,67 | 4   | 3   | 5   | 2   | 4   | 3,60 | 5  | 4  | 5  | 3  | 4,25 | 2  | 4  | 2  | 2,67 | 5  | 4  | 5  | 4  | 4,50 |      |
| 283 | 2  | 4  | 2  | 1  | 2  | 1  | 2,00 | 4   | 3   | 3   | 4   | 3,50 | 4  | 5  | 5  | 4,67 | 5   | 4   | 5   | 4   | 4   | 4,40 | 4  | 4  | 5  | 3  | 4,00 | 4  | 5  | 4  | 4,33 | 4  | 4  | 3  | 5  | 4,00 |      |
| 284 | 3  | 3  | 4  | 3  | 3  | 3  | 3,17 | 4   | 5   | 5   | 4   | 4,50 | 5  | 5  | 4  | 4,67 | 5   | 4   | 5   | 4   | 4   | 4,40 | 4  | 5  | 5  | 4  | 4,50 | 4  | 5  | 4  | 4,33 | 5  | 5  | 4  | 5  | 4,75 |      |
| 285 | 2  | 3  | 1  | 2  | 2  | 2  | 2,00 | 5   | 5   | 5   | 5   | 5,00 | 3  | 4  | 4  | 3,67 | 5   | 3   | 5   | 4   | 5   | 4,40 | 5  | 5  | 5  | 3  | 4,50 | 4  | 5  | 5  | 4,67 | 5  | 5  | 5  | 5  | 5,00 |      |
| 286 | 4  | 4  | 4  | 4  | 4  | 4  | 4,00 | 4   | 4   | 4   | 5   | 4,25 | 3  | 3  | 3  | 3,00 | 5   | 3   | 5   | 2   | 4   | 3,80 | 4  | 5  | 5  | 2  | 4,00 | 3  | 5  | 5  | 4,33 | 5  | 4  | 4  | 5  | 4,50 |      |
| 287 | 2  | 2  | 2  | 2  | 2  | 2  | 2,00 | 3   | 2   | 2   | 2   | 2,25 | 4  | 3  | 4  | 3,67 | 3   | 2   | 3   | 2   | 3   | 2,60 | 3  | 3  | 4  | 2  | 3,00 | 3  | 4  | 3  | 3,33 | 4  | 4  | 3  | 4  | 3,75 |      |
| 288 | 2  | 1  | 2  | 2  | 2  | 3  | 2,00 | 3   | 3   | 4   | 4   | 3,50 | 3  | 4  | 5  | 4,00 | 3   | 2   | 2   | 3   | 5   | 3,00 | 4  | 5  | 5  | 3  | 4,25 | 3  | 3  | 3  | 3,00 | 5  | 5  | 4  | 5  | 4,75 |      |
| 289 | 3  | 3  | 3  | 3  | 3  | 3  | 3,00 | 3   | 4   | 4   | 4   | 3,75 | 3  | 3  | 3  | 3,00 | 4   | 3   | 4   | 3   | 3   | 3,40 | 2  | 2  | 2  | 1  | 1,75 | 3  | 4  | 3  | 3,33 | 2  | 4  | 3  | 4  | 3,25 |      |
| 290 | 2  | 2  | 2  | 2  | 3  | 2  | 2,17 | 3   | 3   | 3   | 3   | 3,00 | 2  | 3  | 2  | 2,33 | 3   | 2   | 4   | 4   | 5   | 3,60 | 4  | 5  | 5  | 2  | 4,00 | 3  | 4  | 3  | 3,33 | 4  | 4  | 3  | 5  | 4,00 |      |
| 291 | 4  | 4  | 4  | 3  | 4  | 4  | 3,83 | 4   | 3   | 3   | 4   | 3,50 | 3  | 3  | 3  | 3,00 | 5   | 4   | 5   | 4   | 4   | 4,40 | 4  | 4  | 5  | 3  | 4,00 | 4  | 5  | 4  | 4,33 | 4  | 4  | 3  | 5  | 4,00 |      |
| 292 | 2  | 3  | 2  | 2  | 3  | 2  | 2,33 | 4   | 5   | 5   | 4   | 4,50 | 4  | 4  | 3  | 3,67 | 5   | 4   | 5   | 4   | 4   | 4,40 | 4  | 5  | 5  | 4  | 4,50 | 4  | 5  | 4  | 4,33 | 5  | 5  | 4  | 5  | 4,75 |      |
| 293 | 2  | 2  | 2  | 2  | 2  | 2  | 2,00 | 4   | 1   | 1   | 2   | 2,00 | 5  | 4  | 5  | 4,67 | 2   | 2   | 2   | 3   | 3   | 2,40 | 4  | 3  | 5  | 1  | 3,25 | 2  | 3  | 3  | 2,67 | 3  | 4  | 3  | 3  | 3,25 |      |
| 294 | 2  | 1  | 2  | 2  | 2  | 2  | 1,83 | 3   | 3   | 2   | 2   | 2,50 | 3  | 5  | 4  | 4,00 | 4   | 2   | 3   | 2   | 4   | 3,00 | 4  | 4  | 4  | 2  | 3,50 | 3  | 4  | 4  | 3,67 | 5  | 5  | 5  | 4  | 4,75 |      |
| 295 | 2  | 3  | 3  | 3  | 3  | 3  | 2,83 | 4   | 3   | 2   | 4   | 3,25 | 5  | 5  | 4  | 4,67 | 4   | 3   | 4   | 4   | 4   | 3,80 | 4  | 4  | 4  | 3  | 3,75 | 4  | 4  | 4  | 4,00 | 4  | 4  | 4  | 4  | 4,00 |      |
| 296 | 5  | 4  | 4  | 5  | 5  | 5  | 4,67 | 4   | 3   | 3   | 4   | 3,50 | 3  | 3  | 3  | 3,00 | 3   | 3   | 3   | 3   | 4   | 3,20 | 4  | 4  | 4  | 3  | 3,75 | 4  | 5  | 5  | 4,67 | 5  | 4  | 3  | 5  | 4,25 |      |
| 297 | 4  | 4  | 5  | 5  | 5  | 5  | 4,67 | 3   | 2   | 2   | 2   | 2,25 | 4  | 3  | 3  | 3,33 | 2   | 2   | 2   | 3   | 2   | 2,20 | 4  | 4  | 2  | 2  | 3,00 | 3  | 4  | 3  | 3,33 | 4  | 4  | 3  | 4  | 3,75 |      |
| 298 | 3  | 4  | 3  | 2  | 4  | 3  | 3,17 | 4   | 4   | 4   | 4   | 4,00 | 4  | 4  | 3  | 3,67 | 4   | 3   | 4   | 4   | 4   | 3,80 | 4  | 4  | 4  | 2  | 3,50 | 4  | 5  | 4  | 4,33 | 5  | 5  | 5  | 5  | 5,00 |      |
| 299 | 3  | 2  | 2  | 2  | 3  | 2  | 2,33 | 3   | 3   | 2   | 3   | 2,75 | 4  | 4  | 4  | 4,00 | 3   | 3   | 3   | 2   | 3   | 2,80 | 3  | 4  | 4  | 4  | 3,75 | 3  | 3  | 3  | 3,00 | 3  | 3  | 3  | 3  | 3,00 |      |
| 300 | 5  | 4  | 4  | 4  | 5  | 4  | 4,33 | 3   | 3   | 3   | 4   | 3,25 | 4  | 4  | 4  | 4,00 | 3   | 2   | 4   | 2   | 4   | 3,00 | 3  | 3  | 4  | 2  | 3,00 | 3  | 3  | 4  | 3,33 | 3  | 3  | 3  | 3  | 3,00 |      |
| 301 | 2  | 5  | 5  | 5  | 5  | 4  | 4,33 | 3   | 3   | 3   | 3   | 3,00 | 4  | 4  | 4  | 4,00 | 3   | 3   | 3   | 2   | 4   | 3,00 | 3  | 3  | 3  | 2  | 2,75 | 3  | 4  | 4  | 3,67 | 4  | 4  | 3  | 4  | 3,75 |      |
| 302 | 5  | 2  | 4  | 4  | 4  | 4  | 3,83 | 5   | 5   | 5   | 5   | 5,00 | 4  | 4  | 4  | 4,00 | 5   | 3   | 5   | 4   | 5   | 4,40 | 5  | 5  | 5  | 3  | 4,50 | 4  | 5  | 5  | 4,67 | 5  | 5  | 5  | 5  | 5,00 |      |
| 303 | 4  | 4  | 3  | 4  | 3  | 4  | 3,67 | 4   | 4   | 4   | 5   | 4,25 | 4  | 4  | 4  | 4,00 | 5   | 3   | 5   | 2   | 4   | 3,80 | 4  | 5  | 5  | 2  | 4,00 | 2  | 5  | 4  | 3,67 | 5  | 4  | 4  | 5  | 4,50 |      |
| 304 | 5  | 5  | 5  | 5  | 4  | 5  | 4,83 | 3   | 2   | 2   | 2   | 2,25 | 4  | 4  | 3  | 3,67 | 3   | 2   | 3   | 2   | 3   | 2,60 | 3  | 3  | 4  | 2  | 3,00 | 3  | 4  | 3  | 3,33 | 4  | 4  | 3  | 4  | 3,75 |      |
| 305 | 3  | 4  | 4  | 4  | 4  | 4  | 3,83 | 3   | 2   | 2   | 2   | 2,25 | 5  | 3  | 5  | 4,33 | 3   | 2   | 3   | 2   | 3   | 2,60 | 3  | 3  | 4  | 2  | 3,00 | 3  | 4  | 3  | 3,33 | 4  | 4  | 3  | 4  | 3,75 |      |
| 306 | 2  | 3  | 1  | 2  | 2  | 2  | 2,00 | 3   | 3   | 4   | 4   | 3,50 | 4  | 4  | 4  | 4,00 | 3   | 2   | 2   | 3   | 5   | 3,00 | 4  | 5  | 5  | 3  | 4,25 | 4  | 5  | 5  | 4,67 | 5  | 5  | 4  | 5  | 4,75 |      |
| 307 | 3  | 3  | 3  | 3  | 3  | 4  | 3,17 | 5   | 5   | 5   | 5   | 5,00 | 5  | 5  | 4  | 4,67 | 5   | 3   | 5   | 4   | 5   | 4,40 | 5  | 5  | 5  | 3  | 4,50 | 4  | 5  | 5  | 4,67 | 5  | 5  | 5  | 5  | 5,00 |      |
| 308 | 4  | 4  | 4  | 4  | 5  | 5  | 4,33 | 4   | 4   | 4   | 5   | 4,25 | 4  | 4  | 4  | 4,00 | 5   | 3   | 5   | 2   | 4   | 3,80 | 4  | 5  | 5  | 2  | 4,00 | 4  | 5  | 4  | 4,33 | 5  | 4  | 4  | 5  | 4,50 |      |
| 309 | 3  | 3  | 3  | 3  | 4  | 4  | 3,33 | 3   | 2   | 2   | 2   | 2,25 | 5  | 5  | 5  | 5,00 | 3   | 2   | 3   | 2   | 3   | 2,60 | 3  | 3  | 4  | 2  | 3,00 | 4  | 4  | 4  | 4,00 | 4  | 4  | 3  | 4  | 3,75 |      |
| 310 | 4  | 2  | 4  | 4  | 4  | 4  | 3,67 | 3   | 3   | 4   | 4   | 3,50 | 4  | 4  | 4  | 4,00 | 3   | 2   | 2   | 3   | 5   | 3,00 | 4  | 5  | 5  | 3  | 4,25 | 4  | 5  | 5  | 4,67 | 5  | 5  | 4  | 5  | 4,75 |      |
| 311 | 4  | 3  | 2  | 4  | 4  | 4  | 3,50 | 3   | 4   | 4   | 3   | 3,50 | 5  | 3  | 4  | 4,00 | 3   | 2   | 3   | 3   | 4   | 3,00 | 4  | 5  | 5  | 4  | 4,50 | 2  | 4  | 4  | 3,33 | 3  | 4  | 4  | 4  | 3,50 |      |
| 312 | 2  | 3  | 2  | 1  | 2  | 2  | 2,00 | 3   | 2   | 2   | 2   | 2,25 | 2  | 2  | 3  | 2,33 | 3   | 2   | 2   | 2   | 3   | 2,40 | 2  | 3  | 4  | 2  | 2,75 | 2  | 2  | 3  | 2,33 | 3  | 3  | 3  | 2  | 2,75 |      |
| 313 | 1  | 2  | 1  | 2  | 2  | 2  | 1,67 | 3   | 2   | 2   | 2   | 2,25 | 4  | 4  | 4  | 4,00 | 2   | 2   | 2   | 3   | 2   | 2,20 | 4  | 4  | 2  | 2  | 3,00 | 2  | 4  | 2  | 2,67 | 4  | 4  | 3  | 4  | 3,75 |      |
| 314 | 5  | 4  | 4  | 4  | 4  | 4  | 4,17 | 4   | 4   | 4   | 4   | 4,00 | 3  | 4  | 4  | 3,67 | 4   | 3   | 4   | 4   | 4   | 3,80 | 4  | 4  | 4  | 2  | 3,50 | 4  | 5  | 4  | 4,33 | 5  | 5  | 5  | 5  | 5,00 |      |

| R   | R1 | R2 | R3 | R4 | R5 | R6 | X1   | RS1 | RS2 | RS3 | RS4 | X2   | A1 | A2 | A3 | X3   | EM1 | EM2 | EM3 | EM4 | EM5 | X4   | T1 | T2 | T3 | T4 | X5   | S1 | S2 | S3 | Y    | L1 | L2 | L3 | L4 | Y    |
|-----|----|----|----|----|----|----|------|-----|-----|-----|-----|------|----|----|----|------|-----|-----|-----|-----|-----|------|----|----|----|----|------|----|----|----|------|----|----|----|----|------|
| 315 | 5  | 3  | 2  | 3  | 3  | 3  | 3,17 | 4   | 3   | 3   | 4   | 3,50 | 4  | 3  | 3  | 3,33 | 5   | 4   | 5   | 4   | 4   | 4,40 | 4  | 4  | 5  | 3  | 4,00 | 4  | 5  | 4  | 4,33 | 4  | 4  | 3  | 5  | 4,00 |
| 316 | 5  | 5  | 4  | 2  | 5  | 4  | 4,17 | 4   | 5   | 5   | 4   | 4,50 | 4  | 4  | 3  | 3,67 | 5   | 4   | 5   | 4   | 4   | 4,40 | 4  | 5  | 5  | 4  | 4,50 | 4  | 5  | 4  | 4,33 | 5  | 5  | 4  | 5  | 4,75 |
| 317 | 3  | 3  | 2  | 3  | 3  | 3  | 2,83 | 3   | 3   | 3   | 4   | 3,25 | 4  | 5  | 4  | 4,33 | 4   | 3   | 4   | 4   | 5   | 4,00 | 4  | 4  | 4  | 3  | 3,75 | 3  | 5  | 5  | 4,33 | 5  | 5  | 5  | 5  | 5,00 |
| 318 | 5  | 4  | 5  | 5  | 4  | 4  | 4,50 | 3   | 4   | 4   | 4   | 3,75 | 5  | 4  | 3  | 4,00 | 4   | 3   | 4   | 3   | 3   | 3,40 | 2  | 2  | 2  | 1  | 1,75 | 3  | 4  | 3  | 3,33 | 2  | 4  | 3  | 4  | 3,25 |
| 319 | 2  | 1  | 2  | 2  | 2  | 2  | 1,83 | 3   | 2   | 2   | 2   | 2,25 | 4  | 4  | 4  | 4,00 | 3   | 2   | 2   | 2   | 3   | 2,40 | 2  | 3  | 4  | 2  | 2,75 | 2  | 2  | 3  | 2,33 | 3  | 3  | 3  | 2  | 2,75 |
| 320 | 1  | 3  | 2  | 2  | 3  | 3  | 2,33 | 2   | 2   | 3   | 2   | 2,25 | 4  | 4  | 4  | 4,00 | 5   | 3   | 4   | 3   | 4   | 3,80 | 4  | 5  | 5  | 2  | 4,00 | 3  | 4  | 4  | 3,67 | 4  | 4  | 4  | 4  | 4,00 |
| 321 | 4  | 2  | 3  | 4  | 3  | 3  | 3,17 | 4   | 4   | 4   | 3   | 3,75 | 3  | 4  | 4  | 3,67 | 4   | 3   | 2   | 3   | 4   | 3,20 | 4  | 3  | 4  | 3  | 3,50 | 4  | 4  | 4  | 4,00 | 4  | 4  | 4  | 4  | 4,00 |
| 322 | 4  | 5  | 5  | 5  | 4  | 5  | 4,67 | 4   | 4   | 4   | 4   | 4,00 | 3  | 4  | 4  | 3,67 | 4   | 4   | 4   | 4   | 4   | 4,00 | 3  | 4  | 4  | 4  | 3,75 | 4  | 5  | 4  | 4,33 | 4  | 4  | 4  | 4  | 4,00 |
| 323 | 2  | 3  | 3  | 3  | 4  | 5  | 3,33 | 4   | 4   | 4   | 4   | 4,00 | 3  | 2  | 2  | 2,33 | 4   | 3   | 4   | 4   | 3   | 3,60 | 4  | 4  | 3  | 2  | 3,25 | 3  | 3  | 3  | 3,00 | 3  | 3  | 3  | 3  | 3,00 |
| 324 | 2  | 3  | 4  | 5  | 3  | 3  | 3,33 | 3   | 3   | 3   | 3   | 3,00 | 4  | 5  | 5  | 4,67 | 4   | 4   | 4   | 4   | 4   | 4,00 | 3  | 3  | 4  | 3  | 3,25 | 4  | 4  | 4  | 4,00 | 4  | 4  | 4  | 4  | 4,00 |
| 325 | 3  | 3  | 3  | 3  | 4  | 3  | 3,17 | 4   | 3   | 3   | 4   | 3,50 | 3  | 3  | 3  | 3,00 | 3   | 3   | 3   | 3   | 4   | 3,20 | 4  | 4  | 4  | 3  | 3,75 | 4  | 5  | 4  | 4,33 | 5  | 4  | 3  | 5  | 4,25 |
| 326 | 5  | 4  | 4  | 4  | 4  | 4  | 4,17 | 3   | 2   | 2   | 2   | 2,25 | 3  | 4  | 4  | 3,67 | 2   | 2   | 2   | 3   | 2   | 2,20 | 4  | 4  | 2  | 2  | 3,00 | 2  | 4  | 2  | 2,67 | 4  | 4  | 3  | 4  | 3,75 |
| 327 | 4  | 5  | 3  | 3  | 4  | 5  | 4,00 | 4   | 4   | 4   | 4   | 4,00 | 4  | 4  | 3  | 3,67 | 4   | 3   | 4   | 4   | 4   | 3,80 | 4  | 4  | 4  | 2  | 3,50 | 4  | 5  | 4  | 4,33 | 5  | 5  | 5  | 5  | 5,00 |
| 328 | 4  | 4  | 3  | 4  | 4  | 2  | 3,50 | 3   | 4   | 4   | 4   | 3,75 | 4  | 5  | 4  | 4,33 | 4   | 3   | 4   | 3   | 3   | 3,40 | 2  | 2  | 2  | 1  | 1,75 | 3  | 4  | 3  | 3,33 | 2  | 4  | 3  | 4  | 3,25 |
| 329 | 5  | 4  | 4  | 4  | 5  | 4  | 4,33 | 3   | 4   | 4   | 4   | 3,75 | 4  | 4  | 4  | 4,00 | 4   | 3   | 4   | 3   | 3   | 3,40 | 2  | 2  | 2  | 1  | 1,75 | 3  | 4  | 3  | 3,33 | 2  | 4  | 3  | 4  | 3,25 |
| 330 | 5  | 5  | 4  | 4  | 4  | 4  | 4,33 | 3   | 3   | 3   | 3   | 3,00 | 4  | 4  | 5  | 4,33 | 3   | 2   | 4   | 4   | 5   | 3,60 | 4  | 5  | 5  | 2  | 4,00 | 4  | 5  | 5  | 4,67 | 4  | 4  | 3  | 5  | 4,00 |
| 331 | 5  | 4  | 4  | 5  | 5  | 3  | 4,33 | 4   | 3   | 3   | 3   | 3,25 | 4  | 4  | 3  | 3,67 | 4   | 2   | 4   | 2   | 4   | 3,20 | 3  | 4  | 4  | 4  | 3,75 | 4  | 4  | 4  | 4,00 | 4  | 4  | 4  | 4  | 4,00 |
| 332 | 5  | 4  | 3  | 5  | 5  | 4  | 4,33 | 3   | 3   | 3   | 3   | 3,00 | 4  | 4  | 5  | 4,33 | 4   | 3   | 4   | 2   | 4   | 3,40 | 3  | 4  | 4  | 2  | 3,25 | 4  | 4  | 4  | 4,00 | 4  | 5  | 5  | 4  | 4,50 |
| 333 | 3  | 3  | 3  | 3  | 3  | 2  | 2,83 | 4   | 3   | 2   | 4   | 3,25 | 5  | 5  | 4  | 4,67 | 4   | 3   | 4   | 4   | 4   | 3,80 | 4  | 4  | 4  | 3  | 3,75 | 4  | 4  | 4  | 4,00 | 4  | 4  | 4  | 4  | 4,00 |
| 334 | 5  | 3  | 5  | 5  | 5  | 4  | 4,50 | 5   | 5   | 5   | 5   | 5,00 | 3  | 4  | 4  | 3,67 | 5   | 3   | 5   | 4   | 5   | 4,40 | 5  | 5  | 5  | 3  | 4,50 | 4  | 5  | 5  | 4,67 | 5  | 5  | 5  | 5  | 5,00 |
| 335 | 4  | 4  | 4  | 4  | 4  | 4  | 4,00 | 4   | 4   | 4   | 5   | 4,25 | 5  | 5  | 5  | 5,00 | 5   | 3   | 5   | 2   | 4   | 3,80 | 4  | 5  | 5  | 2  | 4,00 | 3  | 5  | 5  | 4,33 | 5  | 4  | 4  | 5  | 4,50 |
| 336 | 4  | 4  | 4  | 5  | 5  | 4  | 4,33 | 4   | 5   | 5   | 4   | 4,50 | 4  | 3  | 4  | 3,67 | 5   | 4   | 5   | 4   | 4   | 4,40 | 4  | 5  | 5  | 4  | 4,50 | 4  | 5  | 5  | 4,67 | 5  | 5  | 4  | 5  | 4,75 |
| 337 | 3  | 3  | 3  | 3  | 3  | 3  | 3,00 | 5   | 5   | 5   | 5   | 5,00 | 3  | 4  | 5  | 4,00 | 5   | 3   | 5   | 4   | 5   | 4,40 | 5  | 5  | 5  | 3  | 4,50 | 4  | 5  | 5  | 4,67 | 5  | 5  | 5  | 5  | 5,00 |
| 338 | 4  | 4  | 4  | 4  | 5  | 4  | 4,17 | 4   | 4   | 4   | 5   | 4,25 | 3  | 3  | 3  | 3,00 | 5   | 3   | 5   | 2   | 4   | 3,80 | 4  | 5  | 5  | 2  | 4,00 | 4  | 5  | 5  | 4,67 | 5  | 4  | 4  | 5  | 4,50 |
| 339 | 3  | 3  | 3  | 3  | 3  | 3  | 3,00 | 3   | 2   | 2   | 2   | 2,25 | 4  | 4  | 4  | 4,00 | 3   | 2   | 3   | 2   | 3   | 2,60 | 3  | 3  | 4  | 2  | 3,00 | 3  | 4  | 3  | 3,33 | 4  | 4  | 3  | 4  | 3,75 |
| 340 | 4  | 3  | 4  | 4  | 5  | 5  | 4,17 | 3   | 3   | 3   | 4   | 3,25 | 4  | 5  | 5  | 4,67 | 4   | 3   | 4   | 4   | 5   | 4,00 | 4  | 4  | 4  | 3  | 3,75 | 3  | 5  | 5  | 4,33 | 5  | 5  | 5  | 5  | 5,00 |
| 341 | 4  | 4  | 4  | 3  | 4  | 4  | 3,83 | 3   | 4   | 4   | 4   | 3,75 | 5  | 5  | 5  | 5,00 | 4   | 3   | 4   | 3   | 3   | 3,40 | 2  | 2  | 2  | 1  | 1,75 | 4  | 4  | 4  | 4,00 | 2  | 4  | 3  | 4  | 3,25 |
| 342 | 2  | 1  | 2  | 2  | 3  | 2  | 2,00 | 3   | 2   | 2   | 2   | 2,25 | 4  | 4  | 3  | 3,67 | 3   | 2   | 2   | 2   | 3   | 2,40 | 2  | 3  | 4  | 2  | 2,75 | 2  | 2  | 3  | 2,33 | 3  | 3  | 3  | 2  | 2,75 |
| 343 | 2  | 3  | 2  | 2  | 2  | 2  | 2,17 | 3   | 2   | 2   | 2   | 2,25 | 5  | 4  | 5  | 4,67 | 2   | 2   | 2   | 3   | 2   | 2,20 | 4  | 4  | 2  | 2  | 3,00 | 3  | 4  | 3  | 3,33 | 4  | 4  | 3  | 4  | 3,75 |
| 344 | 4  | 4  | 5  | 4  | 5  | 4  | 4,33 | 4   | 4   | 4   | 4   | 4,00 | 5  | 5  | 4  | 4,67 | 4   | 3   | 4   | 4   | 4   | 3,80 | 4  | 4  | 4  | 2  | 3,50 | 4  | 5  | 4  | 4,33 | 5  | 5  | 5  | 5  | 5,00 |
| 345 | 4  | 4  | 4  | 4  | 4  | 4  | 4,00 | 3   | 4   | 4   | 3   | 3,50 | 3  | 5  | 4  | 4,00 | 3   | 2   | 3   | 3   | 4   | 3,00 | 4  | 5  | 5  | 4  | 4,50 | 2  | 4  | 4  | 3,33 | 3  | 3  | 4  | 4  | 3,50 |
| 346 | 5  | 4  | 5  | 4  | 5  | 5  | 4,67 | 3   | 4   | 4   | 4   | 3,75 | 5  | 5  | 4  | 4,67 | 4   | 3   | 4   | 3   | 3   | 3,40 | 2  | 2  | 2  | 1  | 1,75 | 2  | 5  | 4  | 3,67 | 2  | 4  | 3  | 4  | 3,25 |
| 347 | 2  | 3  | 2  | 2  | 2  | 2  | 2,17 | 3   | 3   | 3   | 3   | 3,00 | 4  | 5  | 5  | 4,67 | 3   | 2   | 4   | 4   | 5   | 3,60 | 4  | 5  | 5  | 2  | 4,00 | 3  | 4  | 3  | 3,33 | 4  | 4  | 3  | 5  | 4,00 |
| 348 | 4  | 5  | 5  | 5  | 3  | 3  | 4,17 | 3   | 3   | 3   | 3   | 3,00 | 1  | 2  | 2  | 1,67 | 4   | 3   | 4   | 2   | 4   | 3,40 | 3  | 4  | 4  | 2  | 3,25 | 3  | 4  | 3  | 3,33 | 4  | 5  | 5  | 4  | 4,50 |
| 349 | 4  | 4  | 4  | 4  | 3  | 4  | 3,83 | 4   | 3   | 2   | 4   | 3,25 | 5  | 5  | 5  | 5,00 | 4   | 3   | 4   | 4   | 4   | 3,80 | 4  | 4  | 4  | 3  | 3,75 | 4  | 4  | 4  | 4,00 | 4  | 4  | 4  | 4  | 4,00 |
| 350 | 3  | 2  | 1  | 2  | 3  | 2  | 2,17 | 4   | 3   | 3   | 4   | 3,50 | 4  | 4  | 3  | 3,67 | 4   | 3   | 5   | 2   | 4   | 3,60 | 5  | 4  | 5  | 3  | 4,25 | 4  | 4  | 4  | 4,00 | 5  | 4  | 5  | 4  | 4,50 |
| 351 | 3  | 4  | 3  | 2  | 4  | 2  | 3,00 | 4   | 3   | 3   | 4   | 3,50 | 3  | 3  | 3  | 3,00 | 5   | 4   | 5   | 4   | 4   | 4,40 | 4  | 4  | 5  | 3  | 4,00 | 4  | 5  | 4  | 4,33 | 4  | 4  | 3  | 5  | 4,00 |
| 352 | 3  | 3  | 2  | 1  | 2  | 2  | 2,17 | 4   | 5   | 5   | 4   | 4,50 | 4  | 4  | 4  | 4,00 | 5   | 4   | 5   | 4   | 4   | 4,40 | 4  | 5  | 5  | 4  | 4,50 | 4  | 5  | 4  | 4,33 | 5  | 5  | 4  | 5  | 4,75 |
| 353 | 5  | 4  | 4  | 4  | 4  | 4  | 4,17 | 4   | 1   | 1   | 2   | 2,00 | 4  | 4  | 4  | 4,00 | 2   | 2   | 2   | 3   | 3   | 2,40 | 4  | 3  | 5  | 1  | 3,25 | 2  | 3  | 3  | 2,67 | 3  | 4  | 3  | 3  | 3,25 |
| 354 | 4  | 4  | 4  | 4  | 4  | 4  | 4,00 | 3   | 3   | 2   | 2   | 2,50 | 4  | 4  | 4  | 4,00 | 4   | 2   | 3   | 2   | 4   | 3,00 | 4  | 4  | 4  | 2  | 3,50 | 3  | 4  | 4  | 3,67 | 5  | 5  | 5  | 4  | 4,75 |

| R   | R1 | R2 | R3 | R4 | R5 | R6 | X1   | RS1 | RS2 | RS3 | RS4 | X2   | A1 | A2 | A3 | X3   | EM1 | EM2 | EM3 | EM4 | EM5 | X4   | T1 | T2 | T3 | T4 | X5   | S1 | S2 | S3 | Y    | L1 | L2 | L3 | L4 | Y    |
|-----|----|----|----|----|----|----|------|-----|-----|-----|-----|------|----|----|----|------|-----|-----|-----|-----|-----|------|----|----|----|----|------|----|----|----|------|----|----|----|----|------|
| 355 | 5  | 4  | 4  | 4  | 5  | 4  | 4,33 | 3   | 3   | 3   | 4   | 3,25 | 4  | 4  | 4  | 4,00 | 4   | 3   | 4   | 4   | 5   | 4,00 | 4  | 4  | 4  | 3  | 3,75 | 3  | 5  | 5  | 4,33 | 5  | 5  | 5  | 5  | 5,00 |
| 356 | 2  | 1  | 2  | 2  | 2  | 2  | 1,83 | 3   | 4   | 4   | 4   | 3,75 | 3  | 3  | 3  | 3,00 | 4   | 3   | 4   | 3   | 3   | 3,40 | 2  | 2  | 2  | 1  | 1,75 | 3  | 4  | 3  | 3,33 | 2  | 4  | 3  | 4  | 3,25 |
| 357 | 2  | 3  | 2  | 1  | 2  | 2  | 2,00 | 3   | 4   | 4   | 4   | 3,75 | 4  | 4  | 4  | 4,00 | 4   | 3   | 4   | 3   | 3   | 3,40 | 2  | 2  | 2  | 1  | 1,75 | 4  | 5  | 5  | 4,67 | 2  | 4  | 3  | 4  | 3,25 |
| 358 | 3  | 2  | 3  | 3  | 3  | 3  | 2,83 | 3   | 3   | 3   | 3   | 3,00 | 2  | 4  | 3  | 3,00 | 3   | 2   | 4   | 4   | 5   | 3,60 | 4  | 5  | 5  | 2  | 4,00 | 4  | 5  | 5  | 4,67 | 4  | 4  | 3  | 5  | 4,00 |
| 359 | 5  | 4  | 5  | 4  | 5  | 5  | 4,67 | 3   | 3   | 3   | 4   | 3,25 | 4  | 5  | 5  | 4,67 | 4   | 3   | 4   | 4   | 5   | 4,00 | 4  | 4  | 4  | 3  | 3,75 | 4  | 5  | 5  | 4,67 | 5  | 5  | 5  | 5  | 5,00 |
| 360 | 4  | 3  | 4  | 4  | 3  | 4  | 3,67 | 3   | 4   | 4   | 4   | 3,75 | 4  | 5  | 4  | 4,33 | 4   | 3   | 4   | 3   | 3   | 3,40 | 2  | 2  | 2  | 1  | 1,75 | 3  | 4  | 3  | 3,33 | 2  | 4  | 3  | 4  | 3,25 |
| 361 | 2  | 1  | 2  | 2  | 2  | 2  | 1,83 | 3   | 2   | 2   | 2   | 2,25 | 3  | 3  | 3  | 3,00 | 3   | 2   | 2   | 2   | 3   | 2,40 | 2  | 3  | 4  | 2  | 2,75 | 2  | 2  | 3  | 2,33 | 3  | 3  | 3  | 2  | 2,75 |
| 362 | 3  | 2  | 2  | 3  | 2  | 2  | 2,33 | 2   | 2   | 3   | 2   | 2,25 | 2  | 2  | 2  | 2,00 | 5   | 3   | 4   | 3   | 4   | 3,80 | 4  | 5  | 5  | 2  | 4,00 | 3  | 4  | 4  | 3,67 | 4  | 4  | 4  | 4  | 4,00 |
| 363 | 3  | 3  | 4  | 3  | 3  | 3  | 3,17 | 4   | 4   | 4   | 3   | 3,75 | 5  | 5  | 4  | 4,67 | 4   | 3   | 2   | 3   | 4   | 3,20 | 4  | 3  | 4  | 3  | 3,50 | 4  | 4  | 4  | 4,00 | 4  | 4  | 4  | 4  | 4,00 |
| 364 | 3  | 3  | 2  | 2  | 2  | 2  | 2,33 | 4   | 4   | 4   | 4   | 4,00 | 3  | 4  | 4  | 3,67 | 4   | 4   | 4   | 4   | 4   | 4,00 | 3  | 4  | 4  | 4  | 3,75 | 4  | 4  | 4  | 4,00 | 4  | 4  | 4  | 4  | 4,00 |
| 365 | 2  | 1  | 2  | 2  | 2  | 2  | 1,83 | 4   | 4   | 4   | 4   | 4,00 | 2  | 2  | 2  | 2,00 | 4   | 3   | 4   | 4   | 3   | 3,60 | 4  | 4  | 3  | 2  | 3,25 | 2  | 5  | 4  | 3,67 | 3  | 3  | 3  | 3  | 3,00 |
| 366 | 2  | 1  | 2  | 2  | 2  | 1  | 1,67 | 3   | 3   | 3   | 3   | 3,00 | 3  | 4  | 5  | 4,00 | 4   | 4   | 4   | 4   | 4   | 4,00 | 3  | 3  | 4  | 3  | 3,25 | 4  | 4  | 4  | 4,00 | 4  | 4  | 4  | 4  | 4,00 |
| 367 | 3  | 3  | 3  | 3  | 3  | 3  | 3,00 | 4   | 3   | 3   | 4   | 3,50 | 4  | 4  | 4  | 4,00 | 3   | 3   | 3   | 3   | 4   | 3,20 | 4  | 4  | 4  | 3  | 3,75 | 4  | 5  | 4  | 4,33 | 5  | 4  | 3  | 5  | 4,25 |
| 368 | 4  | 4  | 4  | 3  | 4  | 4  | 3,83 | 3   | 2   | 2   | 2   | 2,25 | 3  | 3  | 3  | 3,00 | 2   | 2   | 2   | 3   | 2   | 2,20 | 4  | 4  | 2  | 2  | 3,00 | 2  | 4  | 2  | 2,67 | 4  | 4  | 3  | 4  | 3,75 |
| 369 | 5  | 5  | 5  | 5  | 4  | 5  | 4,83 | 4   | 4   | 4   | 4   | 4,00 | 5  | 5  | 5  | 5,00 | 4   | 3   | 4   | 4   | 4   | 3,80 | 4  | 4  | 4  | 2  | 3,50 | 4  | 5  | 4  | 4,33 | 5  | 5  | 5  | 5  | 5,00 |
| 370 | 5  | 4  | 4  | 3  | 4  | 4  | 4,00 | 3   | 2   | 2   | 2   | 2,25 | 5  | 4  | 5  | 4,67 | 2   | 2   | 2   | 3   | 2   | 2,20 | 4  | 4  | 2  | 2  | 3,00 | 2  | 4  | 2  | 2,67 | 4  | 4  | 3  | 4  | 3,75 |
| 371 | 2  | 2  | 2  | 2  | 2  | 2  | 2,00 | 3   | 3   | 4   | 4   | 3,50 | 3  | 5  | 4  | 4,00 | 3   | 2   | 2   | 3   | 5   | 3,00 | 4  | 5  | 5  | 3  | 4,25 | 4  | 5  | 5  | 4,67 | 5  | 5  | 4  | 5  | 4,75 |
| 372 | 2  | 3  | 3  | 3  | 3  | 3  | 2,83 | 3   | 4   | 4   | 4   | 3,75 | 5  | 5  | 4  | 4,67 | 4   | 3   | 4   | 3   | 3   | 3,40 | 2  | 2  | 2  | 1  | 1,75 | 3  | 4  | 3  | 3,33 | 2  | 4  | 3  | 4  | 3,25 |
| 373 | 3  | 3  | 3  | 2  | 3  | 3  | 2,83 | 3   | 3   | 3   | 3   | 3,00 | 3  | 3  | 3  | 3,00 | 3   | 2   | 4   | 4   | 5   | 3,60 | 4  | 5  | 5  | 2  | 4,00 | 4  | 5  | 5  | 4,67 | 4  | 4  | 3  | 5  | 4,00 |
| 374 | 3  | 3  | 3  | 3  | 3  | 3  | 3,00 | 4   | 3   | 3   | 3   | 3,25 | 1  | 2  | 3  | 2,00 | 4   | 2   | 4   | 2   | 4   | 3,20 | 3  | 4  | 4  | 4  | 3,75 | 4  | 4  | 4  | 4,00 | 4  | 4  | 4  | 4  | 4,00 |
| 375 | 3  | 4  | 3  | 2  | 4  | 3  | 3,17 | 3   | 3   | 3   | 3   | 3,00 | 3  | 3  | 3  | 3,00 | 4   | 3   | 4   | 2   | 4   | 3,40 | 3  | 4  | 4  | 2  | 3,25 | 4  | 4  | 4  | 4,00 | 4  | 5  | 5  | 4  | 4,50 |
| 376 | 4  | 4  | 5  | 4  | 5  | 4  | 4,33 | 4   | 3   | 2   | 4   | 3,25 | 4  | 4  | 4  | 4,00 | 4   | 3   | 4   | 4   | 4   | 3,80 | 4  | 4  | 4  | 3  | 3,75 | 4  | 4  | 4  | 4,00 | 4  | 4  | 4  | 4  | 4,00 |
| 377 | 4  | 5  | 5  | 5  | 5  | 4  | 4,67 | 4   | 1   | 1   | 2   | 2,00 | 4  | 4  | 4  | 4,00 | 2   | 2   | 2   | 3   | 3   | 2,40 | 4  | 3  | 5  | 1  | 3,25 | 3  | 3  | 3  | 3,00 | 3  | 4  | 3  | 3  | 3,25 |



**LAMPIRAN 4**

## LAMPIRAN RELIABILITAS DAN VALIDITAS

### Reliability

#### Scale: ALL VARIABLES

##### Case Processing Summary

|       |                       | N   | %     |
|-------|-----------------------|-----|-------|
| Cases | Valid                 | 377 | 100.0 |
|       | Excluded <sup>a</sup> | 0   | .0    |
|       | Total                 | 377 | 100.0 |

a. Listwise deletion based on all variables in the procedure.

##### Reliability Statistics

| Cronbach's Alpha | N of Items |
|------------------|------------|
| .937             | 6          |

##### Item-Total Statistics

|    | Scale Mean if Item Deleted | Scale Variance if Item Deleted | Corrected Item-Total Correlation | Cronbach's Alpha if Item Deleted |
|----|----------------------------|--------------------------------|----------------------------------|----------------------------------|
| R1 | 15.98                      | 22.768                         | .770                             | .930                             |
| R2 | 16.12                      | 23.246                         | .723                             | .936                             |
| R3 | 16.16                      | 21.835                         | .874                             | .917                             |
| R4 | 16.15                      | 22.097                         | .821                             | .924                             |
| R5 | 15.93                      | 22.643                         | .849                             | .921                             |
| R6 | 16.10                      | 22.761                         | .842                             | .922                             |

##### Scale Statistics

| Mean  | Variance | Std. Deviation | N of Items |
|-------|----------|----------------|------------|
| 19.29 | 32.078   | 5.664          | 6          |



## Reliability

**Case Processing Summary**

|       |                       | N   | %     |
|-------|-----------------------|-----|-------|
| Cases | Valid                 | 377 | 100.0 |
|       | Excluded <sup>a</sup> | 0   | .0    |
|       | Total                 | 377 | 100.0 |

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

| Cronbach's Alpha | N of Items |
|------------------|------------|
| .864             | 4          |

**Item-Total Statistics**

|     | Scale Mean if Item Deleted | Scale Variance if Item Deleted | Corrected Item-Total Correlation | Cronbach's Alpha if Item Deleted |
|-----|----------------------------|--------------------------------|----------------------------------|----------------------------------|
| RS1 | 10.03                      | 7.321                          | .441                             | .916                             |
| RS2 | 10.29                      | 4.759                          | .891                             | .746                             |
| RS3 | 10.30                      | 4.712                          | .836                             | .771                             |
| RS4 | 10.12                      | 5.115                          | .723                             | .823                             |

**Scale Statistics**

| Mean  | Variance | Std. Deviation | N of Items |
|-------|----------|----------------|------------|
| 13.58 | 9.313    | 3.052          | 4          |

## Reliability

**Case Processing Summary**

|       |                       | N   | %     |
|-------|-----------------------|-----|-------|
| Cases | Valid                 | 377 | 100.0 |
|       | Excluded <sup>a</sup> | 0   | .0    |
|       | Total                 | 377 | 100.0 |

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

| Cronbach's Alpha | N of Items |
|------------------|------------|
| .852             | 3          |

**Item-Total Statistics**

|    | Scale Mean if Item Deleted | Scale Variance if Item Deleted | Corrected Item-Total Correlation | Cronbach's Alpha if Item Deleted |
|----|----------------------------|--------------------------------|----------------------------------|----------------------------------|
| A1 | 7.64                       | 2.392                          | .692                             | .824                             |
| A2 | 7.49                       | 2.368                          | .765                             | .751                             |
| A3 | 7.58                       | 2.632                          | .714                             | .802                             |

**Scale Statistics**

| Mean  | Variance | Std. Deviation | N of Items |
|-------|----------|----------------|------------|
| 11.36 | 5.161    | 2.272          | 3          |

## Reliability

**Case Processing Summary**

|       |                       | N   | %     |
|-------|-----------------------|-----|-------|
| Cases | Valid                 | 377 | 100.0 |
|       | Excluded <sup>a</sup> | 0   | .0    |
|       | Total                 | 377 | 100.0 |

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

| Cronbach's Alpha | N of Items |
|------------------|------------|
| .812             | 5          |

**Item-Total Statistics**

|     | Scale Mean if Item Deleted | Scale Variance if Item Deleted | Corrected Item-Total Correlation | Cronbach's Alpha if Item Deleted |
|-----|----------------------------|--------------------------------|----------------------------------|----------------------------------|
| EM1 | 13.54                      | 5.845                          | .761                             | .723                             |
| EM2 | 14.57                      | 6.814                          | .702                             | .755                             |
| EM3 | 13.59                      | 5.332                          | .740                             | .729                             |
| EM4 | 14.27                      | 7.126                          | .432                             | .824                             |
| EM5 | 13.53                      | 7.426                          | .424                             | .823                             |

**Scale Statistics**

| Mean  | Variance | Std. Deviation | N of Items |
|-------|----------|----------------|------------|
| 17.37 | 9.713    | 3.117          | 5          |

## Reliability

**Case Processing Summary**

|       |                       | N   | %     |
|-------|-----------------------|-----|-------|
| Cases | Valid                 | 377 | 100.0 |
|       | Excluded <sup>a</sup> | 0   | .0    |
|       | Total                 | 377 | 100.0 |

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

| Cronbach's Alpha | N of Items |
|------------------|------------|
| .831             | 4          |

**Item-Total Statistics**

|    | Scale Mean if Item Deleted | Scale Variance if Item Deleted | Corrected Item-Total Correlation | Cronbach's Alpha if Item Deleted |
|----|----------------------------|--------------------------------|----------------------------------|----------------------------------|
| T1 | 10.79                      | 5.350                          | .698                             | .775                             |
| T2 | 10.52                      | 4.734                          | .783                             | .730                             |
| T3 | 10.34                      | 4.793                          | .691                             | .772                             |
| T4 | 11.77                      | 5.323                          | .501                             | .862                             |

**Scale Statistics**

| Mean  | Variance | Std. Deviation | N of Items |
|-------|----------|----------------|------------|
| 14.47 | 8.500    | 2.915          | 4          |

## Reliability

**Case Processing Summary**

|       |                       | N   | %     |
|-------|-----------------------|-----|-------|
| Cases | Valid                 | 377 | 100.0 |
|       | Excluded <sup>a</sup> | 0   | .0    |
|       | Total                 | 377 | 100.0 |

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

| Cronbach's Alpha | N of Items |
|------------------|------------|
| .783             | 3          |

**Item-Total Statistics**

|    | Scale Mean if Item Deleted | Scale Variance if Item Deleted | Corrected Item-Total Correlation | Cronbach's Alpha if Item Deleted |
|----|----------------------------|--------------------------------|----------------------------------|----------------------------------|
| S1 | 8.10                       | 1.807                          | .561                             | .773                             |
| S2 | 7.21                       | 1.791                          | .605                             | .724                             |
| S3 | 7.62                       | 1.636                          | .703                             | .615                             |

**Scale Statistics**

| Mean  | Variance | Std. Deviation | N of Items |
|-------|----------|----------------|------------|
| 11.46 | 3.542    | 1.882          | 3          |

## Reliability

**Case Processing Summary**

|       |                       | N   | %     |
|-------|-----------------------|-----|-------|
| Cases | Valid                 | 377 | 100.0 |
|       | Excluded <sup>a</sup> | 0   | .0    |
|       | Total                 | 377 | 100.0 |

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

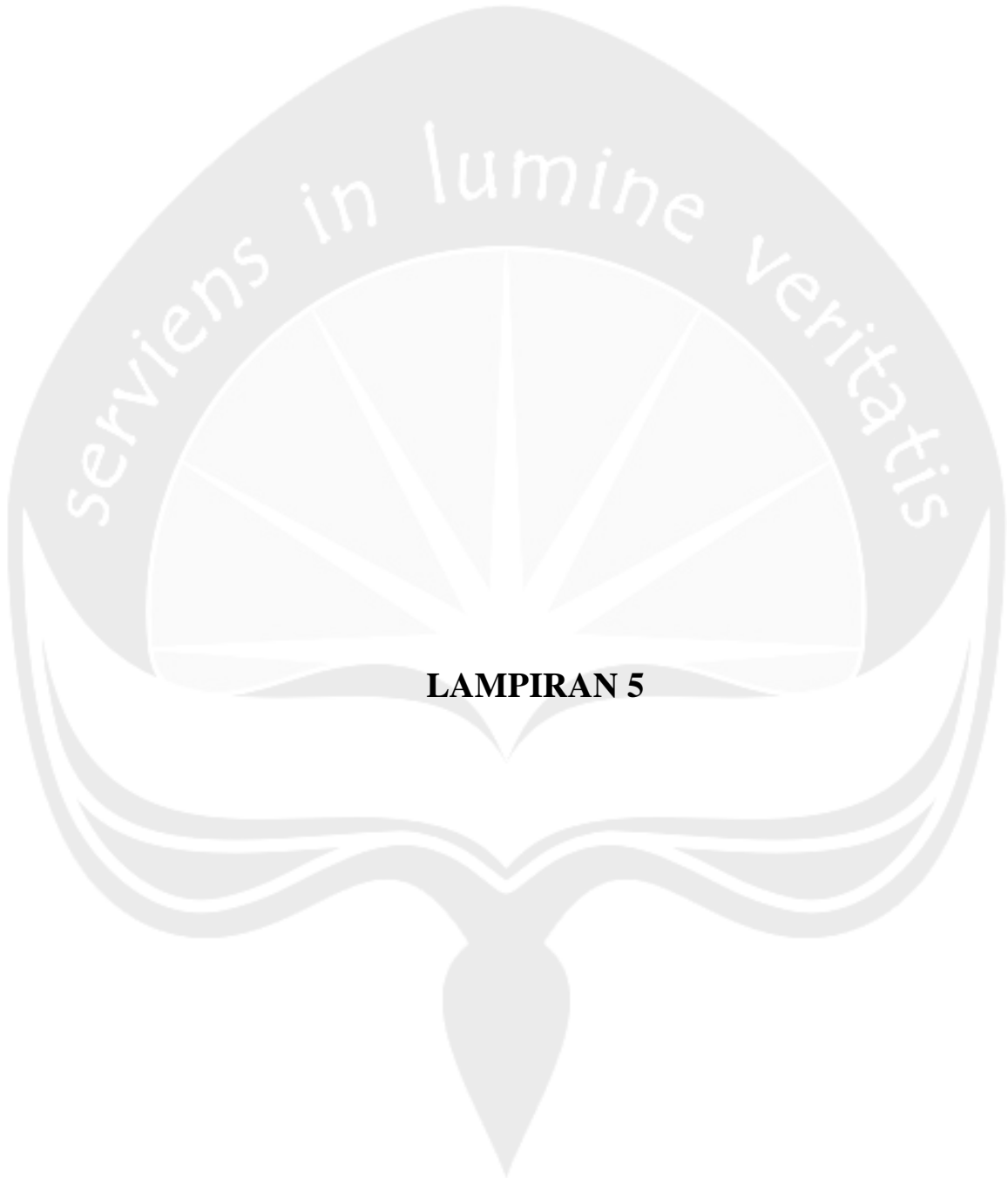
| Cronbach's Alpha | N of Items |
|------------------|------------|
| .840             | 4          |

**Item-Total Statistics**

|    | Scale Mean if Item Deleted | Scale Variance if Item Deleted | Corrected Item-Total Correlation | Cronbach's Alpha if Item Deleted |
|----|----------------------------|--------------------------------|----------------------------------|----------------------------------|
| L1 | 12.33                      | 3.103                          | .765                             | .759                             |
| L2 | 12.20                      | 4.139                          | .779                             | .772                             |
| L3 | 12.56                      | 3.854                          | .625                             | .819                             |
| L4 | 12.17                      | 4.092                          | .589                             | .832                             |

**Scale Statistics**

| Mean  | Variance | Std. Deviation | N of Items |
|-------|----------|----------------|------------|
| 16.42 | 6.409    | 2.532          | 4          |



**LAMPIRAN 5**

**ANALISIS DATA PENGARUH KUALITAS JASA  
PADA KEPUASAN KONSUMEN**

**Regression**

**Variables Entered/Removed<sup>b</sup>**

| Model | Variables Entered  | Variables Removed | Method  |
|-------|--|-------------------|---------|
| 1     | Tangibles, Reliability, Assurance, Responsiveness, Empaty <sup>a</sup> |                   | . Enter |

a. All requested variables entered.

b. Dependent Variable: Satisfaction

**Model Summary**

| Model | R                 | R Square | Adjusted R Square | Std. Error of the Estimate |
|-------|-------------------|----------|-------------------|----------------------------|
| 1     | .760 <sup>a</sup> | .578     | .572              | .41047                     |

a. Predictors: (Constant), Tangibles, Reliability, Assurance, Responsiveness, Empaty

**ANOVA<sup>b</sup>**

| Model |            | Sum of Squares | df  | Mean Square | F       | Sig.              |
|-------|------------|----------------|-----|-------------|---------|-------------------|
| 1     | Regression | 85.467         | 5   | 17.093      | 101.455 | .000 <sup>a</sup> |
|       | Residual   | 62.507         | 371 | .168        |         |                   |
|       | Total      | 147.974        | 376 |             |         |                   |

a. Predictors: (Constant), Tangibles, Reliability, Assurance, Responsiveness, Empaty

b. Dependent Variable: Satisfaction

**Coefficients<sup>a</sup>**

| Model |                | Unstandardized Coefficients |            | Standardized Coefficients | t     | Sig. |
|-------|----------------|-----------------------------|------------|---------------------------|-------|------|
|       |                | B                           | Std. Error | Beta                      |       |      |
| 1     | (Constant)     | .474                        | .170       |                           | 2.791 | .006 |
|       | Reliability    | .070                        | .023       | .106                      | 3.112 | .002 |
|       | Responsiveness | .097                        | .042       | .118                      | 2.287 | .023 |
|       | Assurance      | .109                        | .028       | .132                      | 3.849 | .000 |
|       | Empaty         | .491                        | .055       | .487                      | 8.927 | .000 |
|       | Tangibles      | .186                        | .033       | .216                      | 5.619 | .000 |

a. Dependent Variable: Satisfaction



**ANALISIS DATA PENGARUH KEPUASAN KONSUMEN  
PADA LOYALITAS KONSUMEN**

**Regression**

**Variables Entered/Removed<sup>b</sup>**

| Model | Variables Entered         | Variables Removed | Method |
|-------|---------------------------|-------------------|--------|
| 1     | Satisfaction <sup>a</sup> |                   | Enter  |

a. All requested variables entered.

b. Dependent Variable: Loyalitas

**Model Summary**

| Model | R                 | R Square | Adjusted R Square | Std. Error of the Estimate |
|-------|-------------------|----------|-------------------|----------------------------|
| 1     | .686 <sup>a</sup> | .470     | .469              | .46135                     |

a. Predictors: (Constant), Satisfaction

**ANOVA<sup>b</sup>**

| Model |            | Sum of Squares | df  | Mean Square | F       | Sig.              |
|-------|------------|----------------|-----|-------------|---------|-------------------|
| 1     | Regression | 70.784         | 1   | 70.784      | 332.560 | .000 <sup>a</sup> |
|       | Residual   | 79.817         | 375 | .213        |         |                   |
|       | Total      | 150.601        | 376 |             |         |                   |

a. Predictors: (Constant), Satisfaction

b. Dependent Variable: Loyalitas

**Coefficients<sup>a</sup>**

| Model |              | Unstandardized Coefficients |            | Standardized Coefficients | t      | Sig. |
|-------|--------------|-----------------------------|------------|---------------------------|--------|------|
|       |              | B                           | Std. Error | Beta                      |        |      |
| 1     | (Constant)   | 1.461                       | .147       |                           | 9.949  | .000 |
|       | Satisfaction | .692                        | .038       | .686                      | 18.236 | .000 |

a. Dependent Variable: Loyalitas

**ANALISIS DATA PENGARUH KUALITAS JASA  
PADA LOYALITAS KONSUMEN**

**Regression**

**Variables Entered/Removed<sup>b</sup>**

| Model | Variables Entered  | Variables Removed | Method  |
|-------|--|-------------------|---------|
| 1     | Tangibles, Reliability, Assurance, Responsiveness, Empaty <sup>a</sup> |                   | . Enter |

a. All requested variables entered.

b. Dependent Variable: Loyalitas

**Model Summary**

| Model | R                 | R Square | Adjusted R Square | Std. Error of the Estimate |
|-------|-------------------|----------|-------------------|----------------------------|
| 1     | .717 <sup>a</sup> | .514     | .507              | .44428                     |

a. Predictors: (Constant), Tangibles, Reliability, Assurance, Responsiveness, Empaty

**ANOVA<sup>b</sup>**

| Model |            | Sum of Squares | df  | Mean Square | F      | Sig.              |
|-------|------------|----------------|-----|-------------|--------|-------------------|
| 1     | Regression | 77.370         | 5   | 15.474      | 78.394 | .000 <sup>a</sup> |
|       | Residual   | 73.231         | 371 | .197        |        |                   |
|       | Total      | 150.601        | 376 |             |        |                   |

a. Predictors: (Constant), Tangibles, Reliability, Assurance, Responsiveness, Empaty

b. Dependent Variable: Loyalitas

**Coefficients<sup>a</sup>**

| Model |                | Unstandardized Coefficients |            | Standardized Coefficients | t      | Sig. |
|-------|----------------|-----------------------------|------------|---------------------------|--------|------|
|       |                | B                           | Std. Error | Beta                      |        |      |
| 1     | (Constant)     | 1.036                       | .184       |                           | 5.633  | .000 |
|       | Reliability    | .052                        | .024       | .078                      | 2.140  | .033 |
|       | Responsiveness | .140                        | .046       | .169                      | 3.053  | .002 |
|       | Assurance      | .078                        | .031       | .093                      | 2.525  | .012 |
|       | Empaty         | .181                        | .059       | .178                      | 3.036  | .003 |
|       | Tangibles      | .415                        | .036       | .478                      | 11.590 | .000 |

a. Dependent Variable: Loyalitas