

## PERNYATAAN KEASLIAN TULISAN

71

Saya yang bertanda tangan dibawah ini:

Nama : Mulaihah MS  
NIM : 201469110011  
Program Studi : Psikologi  
Fakultas : Psikologi

Menyatakan dengan sebenar-benarnya bahwa skripsi yang saya tulis ini benar-benar merupakan hasil karya saya sendiri; bukan merupakan pengambilalihan tulisan atau pikiran orang lain yang saya akui sebagai hasil tulisan atau pikiran saya sendiri.

Apabila dikemudian hari terbukti atau dapat dibuktikan skripsi ini hasil jiplakan, maka saya bersedia menerima sanksi atas perbuatan tersebut.

Pasuruan, 09 Maret 2018

Yang membuat pernyataan

Tanda tangan



Mulaihah MS

**LAMPIRAN -**

**LAMPIRAN**

**Lampiran 1. Curriculum Vitae****CURRICULUM VITAE**

Nama : Mulaihah MS  
NIM : 201469110011  
Tempat dan Tanggal Lahir : Pasuruan, 12 Desember 1996  
Pendidikan :

**a. Pendidikan Formal**

- 2000 – 2002 : TK Nurul Islam Bugul Kidul Pasuruan
- 2002 – 2008 : MI Nurul Islam Bugul Kidul Pasuruan
- 2008 – 2011 : SMP A. Wahid Hasyim 2 Rejoso Pasuruan
- 2011 – 2014 : SMA Darut Taqwa Sengonagung Pasuruan
- 2014 – 2018 : S1 Psikologi Universitas Yudharta Pasuruan

**b. Pendidikan Non Formal**

- 2003 – 2004 : TPQ Mamba'ul Ulum Pasuruan
- 2011 – 2012 : Wisuda Juz 30
- 2011 – 2014 : Wisuda Wusthiyah Madin Darut Taqwa Sengonagung
- 2014 – 2016 : Wisuda Mua'allimin Mua'allimat Madin Darut Taqwa Sengonagung



**Lampiran 2. Data Penelitian Skala Emosi Positif**

| No | Pernyataan |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | Y   |
|----|------------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
|    | 1          | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |     |
| 1  | 2          | 4 | 3 | 2 | 4 | 2 | 3 | 4 | 0 | 2  | 2  | 2  | 3  | 1  | 2  | 1  | 4  | 2  | 2  | 2  | 0  | 3  | 4  | 3  | 2  | 4  | 4  | 1  | 2  | 70  |
| 2  | 3          | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3  | 3  | 3  | 3  | 3  | 3  | 4  | 4  | 4  | 3  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 100 |
| 3  | 3          | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3  | 3  | 3  | 3  | 3  | 3  | 4  | 4  | 4  | 3  | 4  | 4  | 4  | 4  | 4  | 4  | 3  | 3  | 3  | 3  | 96  |
| 4  | 2          | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 2 | 2  | 3  | 2  | 2  | 3  | 3  | 2  | 4  | 3  | 3  | 3  | 3  | 4  | 3  | 3  | 2  | 3  | 4  | 4  | 3  | 83  |
| 5  | 2          | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3  | 3  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 61  |
| 6  | 2          | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2  | 2  | 2  | 2  | 0  | 2  | 2  | 2  | 3  | 2  | 2  | 0  | 2  | 2  | 3  | 1  | 2  | 3  | 2  | 2  | 57  |
| 7  | 2          | 2 | 3 | 2 | 4 | 3 | 4 | 2 | 2 | 1  | 3  | 3  | 2  | 2  | 4  | 2  | 4  | 4  | 4  | 3  | 2  | 2  | 4  | 3  | 1  | 4  | 3  | 1  | 3  | 79  |
| 8  | 2          | 2 | 3 | 3 | 3 | 2 | 2 | 3 | 1 | 3  | 3  | 2  | 1  | 1  | 1  | 1  | 1  | 2  | 2  | 3  | 0  | 1  | 2  | 3  | 2  | 2  | 2  | 2  | 2  | 57  |
| 9  | 4          | 3 | 4 | 3 | 3 | 4 | 2 | 4 | 4 | 4  | 4  | 4  | 3  | 3  | 2  | 4  | 4  | 2  | 3  | 4  | 4  | 4  | 2  | 2  | 4  | 2  | 4  | 4  | 4  | 98  |
| 10 | 4          | 2 | 3 | 3 | 4 | 3 | 4 | 3 | 2 | 1  | 4  | 4  | 2  | 3  | 1  | 2  | 3  | 2  | 2  | 4  | 2  | 4  | 2  | 2  | 1  | 1  | 4  | 4  | 4  | 80  |
| 11 | 2          | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 3  | 3  | 3  | 2  | 2  | 1  | 1  | 1  | 2  | 3  | 2  | 2  | 1  | 1  | 2  | 2  | 3  | 2  | 3  | 4  | 62  |
| 12 | 2          | 2 | 3 | 2 | 3 | 4 | 3 | 4 | 2 | 2  | 2  | 3  | 2  | 3  | 3  | 1  | 4  | 4  | 3  | 4  | 3  | 4  | 2  | 3  | 2  | 3  | 3  | 3  | 4  | 83  |
| 13 | 3          | 4 | 3 | 3 | 4 | 0 | 2 | 2 | 1 | 2  | 3  | 3  | 3  | 0  | 3  | 1  | 2  | 4  | 2  | 4  | 0  | 0  | 1  | 4  | 3  | 4  | 2  | 4  | 4  | 71  |
| 14 | 2          | 4 | 3 | 2 | 4 | 2 | 2 | 2 | 2 | 2  | 2  | 3  | 2  | 2  | 2  | 2  | 1  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 63  |
| 15 | 2          | 1 | 1 | 2 | 3 | 2 | 2 | 1 | 1 | 2  | 2  | 1  | 2  | 1  | 3  | 2  | 2  | 3  | 2  | 3  | 1  | 3  | 2  | 3  | 2  | 3  | 3  | 3  | 3  | 61  |
| 16 | 4          | 4 | 4 | 2 | 3 | 2 | 2 | 1 | 1 | 2  | 3  | 3  | 2  | 1  | 2  | 2  | 2  | 3  | 3  | 4  | 1  | 4  | 4  | 2  | 3  | 3  | 2  | 1  | 1  | 71  |
| 17 | 1          | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 4 | 3  | 4  | 4  | 4  | 1  | 0  | 4  | 3  | 1  | 3  | 4  | 2  | 3  | 2  | 1  | 4  | 0  | 4  | 4  | 4  | 82  |
| 18 | 3          | 2 | 4 | 2 | 4 | 2 | 2 | 3 | 2 | 2  | 3  | 4  | 3  | 2  | 2  | 1  | 2  | 4  | 1  | 3  | 2  | 2  | 2  | 4  | 2  | 1  | 2  | 3  | 4  | 73  |
| 19 | 2          | 2 | 3 | 2 | 3 | 2 | 3 | 4 | 1 | 2  | 2  | 3  | 2  | 1  | 3  | 1  | 3  | 4  | 3  | 2  | 0  | 2  | 3  | 2  | 2  | 4  | 4  | 2  | 0  | 67  |
| 20 | 2          | 2 | 3 | 2 | 3 | 2 | 2 | 3 | 1 | 2  | 3  | 2  | 2  | 3  | 3  | 2  | 3  | 1  | 2  | 2  | 1  | 3  | 3  | 4  | 2  | 3  | 4  | 2  | 2  | 69  |
| 21 | 2          | 1 | 3 | 2 | 4 | 1 | 2 | 4 | 2 | 3  | 4  | 3  | 2  | 0  | 2  | 2  | 2  | 2  | 3  | 4  | 0  | 2  | 2  | 4  | 2  | 2  | 4  | 2  | 0  | 66  |
| 22 | 2          | 2 | 3 | 4 | 3 | 0 | 2 | 4 | 2 | 3  | 3  | 4  | 3  | 0  | 2  | 3  | 3  | 4  | 2  | 4  | 1  | 3  | 3  | 4  | 2  | 2  | 4  | 2  | 0  | 74  |
| 23 | 2          | 4 | 4 | 2 | 4 | 4 | 2 | 3 | 2 | 2  | 2  | 3  | 2  | 2  | 3  | 2  | 2  | 3  | 2  | 3  | 2  | 4  | 2  | 2  | 2  | 3  | 3  | 2  | 4  | 77  |
| 24 | 3          | 4 | 4 | 3 | 4 | 4 | 3 | 4 | 4 | 3  | 4  | 4  | 2  | 2  | 3  | 2  | 3  | 4  | 3  | 4  | 2  | 4  | 4  | 4  | 4  | 3  | 4  | 2  | 3  | 97  |
| 25 | 3          | 3 | 3 | 3 | 4 | 3 | 2 | 4 | 2 | 3  | 3  | 3  | 3  | 1  | 0  | 3  | 4  | 3  | 3  | 3  | 2  | 3  | 2  | 3  | 3  | 3  | 4  | 2  | 2  | 80  |
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| 27 | 1          | 1 | 3 | 2 | 3 | 2 | 2 | 2 | 3 | 2  | 2  | 3  | 3  | 2  | 2  | 3  | 2  | 3  | 2  | 3  | 2  | 2  | 2  | 3  | 3  | 2  | 2  | 2  | 3  | 67  |
| 28 | 2          | 2 | 2 | 2 | 3 | 2 | 1 | 3 | 2 | 2  | 3  | 3  | 2  | 2  | 2  | 3  | 1  | 3  | 3  | 3  | 2  | 2  | 3  | 3  | 2  | 2  | 3  | 2  | 3  | 68  |
| 29 | 2          | 2 | 3 | 2 | 3 | 2 | 2 | 2 | 1 | 3  | 3  | 2  | 1  | 2  | 2  | 2  | 3  | 2  | 3  | 2  | 3  | 3  | 3  | 2  | 2  | 2  | 2  | 3  | 2  | 66  |
| 30 | 2          | 3 | 3 | 4 | 3 | 3 | 2 | 3 | 2 | 3  | 4  | 3  | 2  | 3  | 3  | 2  | 3  | 3  | 2  | 2  | 3  | 3  | 3  | 3  | 2  | 3  | 2  | 3  | 3  | 80  |
| 31 | 2          | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 2 | 2  | 3  | 3  | 2  | 2  | 2  | 2  | 3  | 3  | 3  | 3  | 0  | 2  | 4  | 4  | 2  | 3  | 2  | 4  | 4  | 77  |
| 32 | 2          | 2 | 2 | 4 | 4 | 2 | 2 | 2 | 3 | 3  | 3  | 3  | 1  | 4  | 4  | 2  | 2  | 2  | 2  | 2  | 1  | 4  | 3  | 2  | 1  | 2  | 2  | 4  | 2  | 72  |
| 33 | 1          | 2 | 3 | 4 | 3 | 3 | 2 | 4 | 2 | 2  | 2  | 3  | 2  | 1  | 2  | 1  | 3  | 3  | 2  | 3  | 0  | 3  | 3  | 3  | 2  | 3  | 4  | 3  | 3  | 72  |
| 34 | 2          | 2 | 2 | 3 | 4 | 3 | 3 | 4 | 2 | 2  | 4  | 2  | 2  | 2  | 2  | 2  | 3  | 3  | 3  | 3  | 2  | 4  | 4  | 4  | 3  | 3  | 4  | 3  | 3  | 83  |
| 35 | 4          | 3 | 2 | 2 | 3 | 3 | 2 | 3 | 3 | 3  | 4  | 2  | 2  | 3  | 3  | 2  | 3  | 4  | 2  | 3  | 4  | 3  | 3  | 4  | 2  | 3  | 2  | 2  | 3  | 82  |

## Lanjutan

|    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |    |
|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----|----|
| 36 | 2 | 3 | 2 | 3 | 2 | 3 | 1 | 2 | 2 | 2 | 3 | 3 | 2 | 2 | 0 | 3 | 3 | 2 | 3 | 3 | 2 | 2 | 3 | 3 | 2 | 2 | 0 | 3 | 2 | 65 |    |    |
| 37 | 4 | 3 | 4 | 3 | 3 | 3 | 2 | 4 | 4 | 3 | 4 | 4 | 2 | 2 | 2 | 4 | 2 | 3 | 2 | 4 | 3 | 4 | 3 | 2 | 3 | 3 | 3 | 3 | 4 | 90 |    |    |
| 38 | 2 | 3 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 3 | 1 | 1 | 1 | 3 | 3 | 1 | 2 | 1 | 2 | 3 | 3 | 1 | 3 | 1 | 2 | 3 | 61 |    |    |
| 39 | 2 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 2 | 2 | 3 | 3 | 2 | 2 | 3 | 3 | 2 | 3 | 2 | 2 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 77 |    |    |
| 40 | 2 | 4 | 2 | 2 | 2 | 4 | 2 | 3 | 2 | 2 | 3 | 4 | 2 | 1 | 2 | 3 | 2 | 2 | 2 | 2 | 4 | 2 | 3 | 3 | 2 | 2 | 0 | 3 | 4 | 71 |    |    |
| 41 | 2 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 2 | 1 | 2 | 1 | 2 | 4 | 3 | 3 | 2 | 2 | 2 | 3 | 3 | 3 | 4 | 2 | 3 | 72 |    |    |
| 42 | 2 | 4 | 2 | 2 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 1 | 1 | 1 | 4 | 3 | 3 | 2 | 1 | 3 | 3 | 3 | 2 | 4 | 4 | 2 | 0 | 73 |    |    |
| 43 | 2 | 2 | 3 | 2 | 3 | 3 | 2 | 3 | 2 | 2 | 3 | 3 | 3 | 1 | 3 | 3 | 1 | 3 | 2 | 4 | 3 | 2 | 3 | 3 | 2 | 3 | 2 | 2 | 4 | 74 |    |    |
| 44 | 3 | 2 | 2 | 3 | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 2 | 3 | 3 | 2 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 2 | 3 | 4 | 4 | 83 |    |    |
| 45 | 3 | 2 | 2 | 4 | 3 | 4 | 3 | 3 | 3 | 1 | 0 | 2 | 2 | 0 | 0 | 1 | 3 | 2 | 4 | 4 | 1 | 3 | 3 | 4 | 1 | 2 | 1 | 4 | 4 | 69 |    |    |
| 46 | 3 | 3 | 3 | 4 | 4 | 4 | 2 | 4 | 3 | 2 | 3 | 4 | 2 | 3 | 2 | 4 | 3 | 3 | 2 | 4 | 4 | 4 | 3 | 3 | 3 | 2 | 3 | 4 | 4 | 92 |    |    |
| 47 | 3 | 3 | 3 | 3 | 4 | 3 | 2 | 2 | 2 | 1 | 4 | 3 | 2 | 3 | 2 | 2 | 3 | 2 | 2 | 3 | 0 | 3 | 3 | 2 | 2 | 2 | 2 | 3 | 1 | 2  | 70 |    |
| 48 | 3 | 4 | 4 | 2 | 4 | 4 | 2 | 4 | 3 | 2 | 4 | 4 | 3 | 2 | 3 | 3 | 3 | 4 | 3 | 4 | 2 | 3 | 2 | 4 | 3 | 3 | 3 | 2 | 4 | 91 |    |    |
| 49 | 4 | 2 | 4 | 2 | 2 | 4 | 2 | 0 | 4 | 4 | 4 | 4 | 3 | 4 | 0 | 4 | 4 | 2 | 4 | 4 | 4 | 4 | 4 | 2 | 2 | 4 | 2 | 0 | 4 | 4  | 87 |    |
| 50 | 2 | 4 | 2 | 2 | 4 | 2 | 4 | 3 | 4 | 4 | 4 | 4 | 3 | 1 | 0 | 4 | 2 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 2 | 4  | 94 |    |
| 51 | 2 | 3 | 3 | 3 | 4 | 3 | 3 | 2 | 2 | 2 | 3 | 3 | 2 | 2 | 1 | 3 | 3 | 2 | 2 | 3 | 1 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 3 | 3  | 71 |    |
| 52 | 1 | 3 | 2 | 3 | 3 | 2 | 3 | 2 | 1 | 3 | 4 | 2 | 2 | 1 | 2 | 1 | 3 | 2 | 4 | 3 | 1 | 3 | 4 | 2 | 3 | 2 | 3 | 2 | 2 | 69 |    |    |
| 53 | 2 | 2 | 3 | 3 | 4 | 3 | 2 | 3 | 2 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 3 | 2 | 3 | 4 | 3 | 3 | 3 | 3 | 2 | 2 | 76 |    |    |
| 54 | 4 | 4 | 3 | 4 | 3 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 2 | 2 | 2 | 4 | 1 | 2 | 2 | 2 | 2 | 2 | 1 | 3 | 3 | 64 |    |    |
| 55 | 2 | 3 | 3 | 2 | 2 | 2 | 3 | 2 | 2 | 3 | 4 | 3 | 2 | 1 | 2 | 2 | 3 | 3 | 3 | 4 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 2 | 4 | 76 |    |    |
| 56 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 3 | 3 | 2 | 1 | 2 | 3 | 3 | 2 | 3 | 2 | 3 | 3 | 67 |    |    |
| 57 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 1 | 3 | 2 | 2 | 3 | 2 | 3 | 3 | 4 | 66 |    |    |
| 58 | 2 | 3 | 4 | 3 | 4 | 3 | 2 | 4 | 3 | 3 | 2 | 3 | 2 | 3 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 4 | 2 | 2 | 2 | 4 | 4 | 4  | 79 |    |
| 59 | 3 | 4 | 4 | 3 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 2 | 3 | 2 | 2 | 2 | 2 | 4 | 4 | 2 | 4 | 4 | 3 | 3 | 2 | 3 | 3 | 3 | 93 |    |    |
| 60 | 1 | 4 | 3 | 2 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 3 | 1 | 3 | 3 | 3 | 4 | 2 | 3 | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 83 |    |    |
| 61 | 2 | 4 | 3 | 2 | 4 | 4 | 2 | 3 | 3 | 3 | 4 | 3 | 4 | 2 | 1 | 4 | 4 | 2 | 2 | 4 | 2 | 1 | 3 | 2 | 3 | 2 | 0 | 4 | 4 | 81 |    |    |
| 62 | 2 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 2 | 2 | 3 | 4 | 2 | 2 | 2 | 2 | 3 | 4 | 2 | 3 | 2 | 3 | 3 | 4 | 3 | 3 | 4 | 3 | 3 | 86 |    |    |
| 63 | 2 | 3 | 3 | 2 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 4 | 3 | 1 | 2 | 2 | 3 | 3 | 2 | 3 | 2 | 1 | 2 | 3 | 3 | 3 | 3 | 2 | 3 | 75 |    |    |
| 64 | 2 | 3 | 3 | 3 | 4 | 3 | 2 | 3 | 3 | 2 | 3 | 2 | 2 | 1 | 2 | 3 | 2 | 4 | 2 | 4 | 2 | 2 | 4 | 2 | 2 | 4 | 4 | 2 | 4 | 3  | 3  | 81 |
| 65 | 2 | 4 | 2 | 4 | 4 | 3 | 2 | 4 | 2 | 2 | 4 | 2 | 2 | 2 | 3 | 2 | 4 | 3 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 4 | 81 |    |    |
| 66 | 2 | 3 | 3 | 3 | 3 | 3 | 1 | 3 | 2 | 3 | 4 | 4 | 4 | 2 | 1 | 1 | 3 | 3 | 3 | 4 | 2 | 3 | 2 | 3 | 2 | 1 | 1 | 3 | 4 | 76 |    |    |
| 67 | 2 | 3 | 4 | 2 | 3 | 3 | 4 | 4 | 2 | 2 | 3 | 4 | 2 | 2 | 0 | 2 | 4 | 4 | 3 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 1 | 4 | 4 | 81 |    |    |
| 68 | 2 | 3 | 3 | 3 | 4 | 4 | 2 | 4 | 2 | 2 | 4 | 3 | 3 | 2 | 4 | 3 | 4 | 4 | 4 | 4 | 2 | 4 | 3 | 4 | 3 | 3 | 4 | 3 | 4 | 94 |    |    |
| 69 | 2 | 4 | 3 | 3 | 3 | 2 | 2 | 4 | 2 | 2 | 4 | 4 | 2 | 3 | 0 | 2 | 1 | 3 | 3 | 3 | 1 | 4 | 4 | 4 | 2 | 4 | 4 | 3 | 4 | 82 |    |    |
| 70 | 2 | 3 | 4 | 2 | 4 | 4 | 2 | 3 | 2 | 2 | 4 | 4 | 2 | 3 | 2 | 2 | 3 | 3 | 3 | 4 | 2 | 4 | 2 | 2 | 2 | 3 | 1 | 2 | 4 | 80 |    |    |

## Lanjutan

|     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |
|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----|
| 71  | 2 | 2 | 3 | 3 | 4 | 2 | 2 | 3 | 2 | 3 | 4 | 3 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 4 | 82 |    |
| 72  | 2 | 3 | 4 | 3 | 4 | 4 | 2 | 4 | 2 | 2 | 4 | 4 | 2 | 2 | 3 | 1 | 1 | 4 | 2 | 4 | 2 | 4 | 2 | 3 | 2 | 3 | 4 | 3 | 4 | 84 |    |
| 73  | 3 | 2 | 4 | 2 | 3 | 2 | 2 | 3 | 3 | 3 | 4 | 4 | 2 | 2 | 4 | 2 | 3 | 4 | 3 | 3 | 2 | 3 | 3 | 4 | 3 | 4 | 4 | 3 | 2 | 86 |    |
| 74  | 4 | 3 | 4 | 4 | 4 | 4 | 1 | 4 | 4 | 4 | 4 | 4 | 3 | 1 | 0 | 3 | 4 | 3 | 3 | 4 | 2 | 4 | 2 | 4 | 4 | 4 | 4 | 4 | 4 | 97 |    |
| 75  | 1 | 3 | 4 | 4 | 3 | 1 | 3 | 2 | 3 | 4 | 4 | 2 | 2 | 2 | 1 | 1 | 3 | 3 | 4 | 2 | 3 | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 80 |    |
| 76  | 2 | 3 | 4 | 3 | 4 | 2 | 1 | 3 | 2 | 3 | 3 | 4 | 2 | 2 | 0 | 1 | 2 | 1 | 3 | 2 | 2 | 2 | 3 | 1 | 2 | 1 | 3 | 3 | 2 | 66 |    |
| 77  | 2 | 2 | 4 | 3 | 4 | 2 | 1 | 2 | 2 | 2 | 3 | 3 | 2 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 1 | 2 | 3 | 2 | 2 | 3 | 2 | 3 | 3 | 69 |    |
| 78  | 2 | 1 | 3 | 2 | 4 | 3 | 2 | 4 | 2 | 3 | 4 | 3 | 2 | 2 | 3 | 3 | 2 | 4 | 2 | 3 | 2 | 3 | 4 | 3 | 4 | 3 | 2 | 3 | 4 | 82 |    |
| 79  | 2 | 3 | 2 | 2 | 4 | 2 | 1 | 3 | 2 | 2 | 3 | 2 | 1 | 1 | 2 | 1 | 1 | 3 | 1 | 2 | 1 | 3 | 3 | 2 | 2 | 3 | 3 | 3 | 3 | 63 |    |
| 80  | 2 | 3 | 4 | 4 | 2 | 3 | 2 | 1 | 2 | 2 | 4 | 4 | 2 | 1 | 3 | 2 | 3 | 3 | 4 | 3 | 2 | 4 | 3 | 2 | 2 | 3 | 1 | 2 | 4 | 77 |    |
| 81  | 2 | 2 | 3 | 3 | 4 | 3 | 3 | 3 | 2 | 3 | 3 | 4 | 2 | 2 | 3 | 3 | 2 | 3 | 3 | 2 | 2 | 3 | 3 | 2 | 3 | 3 | 2 | 3 | 3 | 79 |    |
| 82  | 2 | 2 | 3 | 3 | 4 | 3 | 3 | 3 | 2 | 3 | 4 | 3 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 3 | 2 | 3 | 3 | 2 | 2 | 2 | 3 | 3 | 3 | 76 |    |
| 83  | 2 | 2 | 3 | 3 | 4 | 2 | 3 | 3 | 2 | 2 | 3 | 3 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 2 | 2 | 2 | 4 | 2 | 4  | 73 |
| 84  | 2 | 3 | 2 | 2 | 3 | 4 | 4 | 4 | 2 | 3 | 4 | 2 | 2 | 3 | 1 | 2 | 3 | 2 | 2 | 4 | 2 | 4 | 4 | 2 | 3 | 2 | 2 | 3 | 4 | 80 |    |
| 85  | 2 | 3 | 3 | 3 | 4 | 3 | 0 | 4 | 2 | 2 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 4 | 3 | 2 | 2 | 2 | 4 | 4 | 2 | 4 | 4 | 2 | 3 | 78 |    |
| 86  | 4 | 4 | 2 | 3 | 4 | 2 | 4 | 3 | 3 | 3 | 4 | 2 | 3 | 1 | 2 | 2 | 1 | 3 | 4 | 4 | 2 | 2 | 2 | 4 | 1 | 3 | 2 | 1 | 4 | 79 |    |
| 87  | 4 | 4 | 2 | 2 | 2 | 4 | 2 | 3 | 4 | 4 | 4 | 2 | 3 | 2 | 2 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 4 | 2 | 3 | 4  | 91 |
| 88  | 2 | 2 | 1 | 4 | 4 | 1 | 4 | 4 | 2 | 2 | 2 | 1 | 1 | 2 | 3 | 2 | 2 | 2 | 2 | 1 | 0 | 3 | 4 | 2 | 2 | 2 | 3 | 2 | 4 | 66 |    |
| 89  | 1 | 3 | 3 | 1 | 1 | 2 | 1 | 1 | 2 | 3 | 3 | 3 | 1 | 1 | 3 | 1 | 1 | 3 | 2 | 3 | 2 | 3 | 3 | 3 | 2 | 3 | 1 | 3 | 3 | 62 |    |
| 90  | 2 | 1 | 4 | 3 | 4 | 2 | 2 | 2 | 1 | 3 | 4 | 3 | 3 | 0 | 0 | 2 | 0 | 4 | 3 | 4 | 2 | 3 | 4 | 4 | 2 | 3 | 4 | 4 | 4 | 77 |    |
| 91  | 2 | 2 | 3 | 3 | 4 | 3 | 3 | 2 | 2 | 2 | 3 | 3 | 2 | 3 | 2 | 1 | 2 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 2 | 3 | 4 | 2 | 3 | 76 |    |
| 92  | 4 | 2 | 3 | 4 | 4 | 4 | 2 | 4 | 3 | 3 | 4 | 4 | 2 | 2 | 2 | 3 | 3 | 2 | 4 | 2 | 4 | 4 | 4 | 4 | 2 | 3 | 2 | 4 | 4 | 92 |    |
| 93  | 4 | 4 | 3 | 3 | 4 | 2 | 2 | 4 | 2 | 2 | 3 | 2 | 3 | 1 | 2 | 2 | 2 | 4 | 3 | 2 | 2 | 2 | 3 | 3 | 2 | 4 | 4 | 2 | 2 | 78 |    |
| 94  | 4 | 4 | 3 | 4 | 4 | 4 | 1 | 4 | 3 | 2 | 4 | 4 | 4 | 2 | 1 | 2 | 4 | 2 | 4 | 2 | 2 | 3 | 4 | 3 | 2 | 2 | 1 | 3 | 4 | 86 |    |
| 95  | 4 | 4 | 3 | 3 | 3 | 2 | 4 | 2 | 2 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 4 | 4 | 4 | 1 | 4 | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 89 |    |
| 96  | 4 | 3 | 4 | 3 | 0 | 4 | 1 | 4 | 2 | 3 | 4 | 4 | 4 | 1 | 3 | 3 | 4 | 3 | 3 | 3 | 4 | 3 | 3 | 3 | 2 | 3 | 1 | 2 | 4 | 85 |    |
| 97  | 3 | 4 | 3 | 3 | 4 | 2 | 2 | 3 | 2 | 3 | 3 | 3 | 2 | 2 | 2 | 1 | 4 | 3 | 3 | 3 | 1 | 3 | 2 | 3 | 2 | 2 | 2 | 2 | 4 | 76 |    |
| 98  | 2 | 1 | 3 | 3 | 4 | 2 | 4 | 4 | 2 | 3 | 4 | 3 | 2 | 1 | 2 | 1 | 3 | 4 | 3 | 4 | 1 | 4 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 84 |    |
| 99  | 4 | 2 | 4 | 2 | 4 | 3 | 2 | 3 | 3 | 3 | 4 | 4 | 3 | 1 | 1 | 2 | 4 | 3 | 3 | 4 | 4 | 4 | 3 | 2 | 2 | 2 | 2 | 4 | 4 | 86 |    |
| 100 | 4 | 3 | 3 | 4 | 4 | 4 | 0 | 3 | 4 | 3 | 4 | 4 | 3 | 3 | 2 | 3 | 3 | 2 | 3 | 3 | 2 | 3 | 3 | 2 | 3 | 4 | 3 | 4 | 3 | 90 |    |

### Lampiran 3. Data Penilaian Skala Optimisme

| No | Pernyataan |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     | Y   |     |    |
|----|------------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|----|
|    | 1          | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42  |     |     |    |
| 1  | 2          | 2 | 1 | 2 | 3 | 2 | 2 | 3 | 2 | 2  | 2  | 1  | 1  | 2  | 1  | 1  | 1  | 2  | 1  | 2  | 2  | 3  | 2  | 2  | 2  | 3  | 3  | 2  | 3  | 4  | 4  | 2  | 1  | 2  | 1  | 3  | 2  | 3  | 2  | 1  | 0  | 3   | 1   | 85  |    |
| 2  | 4          | 2 | 4 | 4 | 3 | 2 | 3 | 3 | 4 | 2  | 3  | 3  | 4  | 4  | 3  | 2  | 4  | 4  | 3  | 3  | 3  | 3  | 1  | 4  | 4  | 1  | 3  | 3  | 3  | 3  | 3  | 4  | 4  | 4  | 4  | 4  | 4  | 3  | 3  | 3  | 3  | 3   | 0   | 129 |    |
| 3  | 4          | 2 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 2  | 3  | 3  | 4  | 4  | 3  | 2  | 4  | 4  | 3  | 3  | 3  | 3  | 1  | 4  | 4  | 1  | 3  | 3  | 3  | 3  | 3  | 4  | 4  | 4  | 4  | 4  | 4  | 3  | 3  | 3  | 3  | 3   | 0   | 126 |    |
| 4  | 3          | 2 | 2 | 2 | 3 | 2 | 3 | 4 | 4 | 3  | 1  | 3  | 3  | 2  | 3  | 2  | 4  | 2  | 2  | 2  | 2  | 2  | 1  | 3  | 2  | 3  | 3  | 2  | 2  | 3  | 3  | 2  | 2  | 3  | 4  | 3  | 3  | 2  | 3  | 2  | 2  | 2   | 2   | 107 |    |
| 5  | 3          | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 4  | 2  | 2  | 2  | 2  | 4  | 4  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2   | 2   | 95  |    |
| 6  | 2          | 0 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2  | 2  | 4  | 4  | 2  | 2  | 3  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 4  | 2  | 2  | 2  | 2  | 2  | 4  | 4  | 2  | 3  | 2  | 2  | 2  | 2  | 2  | 2  | 1  | 2   | 1   | 93  |    |
| 7  | 3          | 2 | 1 | 3 | 1 | 2 | 3 | 4 | 3 | 1  | 1  | 4  | 3  | 2  | 2  | 2  | 3  | 1  | 2  | 3  | 0  | 0  | 0  | 2  | 2  | 4  | 2  | 2  | 3  | 4  | 3  | 2  | 3  | 2  | 4  | 2  | 1  | 1  | 1  | 3  | 3  | 2   | 92  |     |    |
| 8  | 3          | 1 | 3 | 2 | 2 | 1 | 2 | 1 | 2 | 1  | 2  | 4  | 3  | 1  | 2  | 2  | 2  | 3  | 1  | 1  | 2  | 1  | 1  | 2  | 1  | 3  | 2  | 2  | 1  | 1  | 1  | 3  | 3  | 3  | 2  | 2  | 2  | 1  | 0  | 2  | 3  | 1   | 78  |     |    |
| 9  | 4          | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 3  | 1  | 4  | 4  | 4  | 4  | 4  | 3  | 4  | 4  | 1  | 3  | 1  | 4  | 2  | 3  | 3  | 4  | 4  | 2  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 3  | 4  | 4  | 3   | 1   | 140 |    |
| 10 | 4          | 2 | 2 | 2 | 1 | 3 | 4 | 4 | 4 | 1  | 1  | 4  | 4  | 3  | 4  | 3  | 4  | 4  | 3  | 2  | 1  | 0  | 0  | 2  | 3  | 4  | 3  | 4  | 3  | 1  | 1  | 2  | 4  | 3  | 4  | 2  | 0  | 4  | 3  | 2  | 1  | 109 |     |     |    |
| 11 | 1          | 3 | 2 | 2 | 3 | 3 | 3 | 4 | 4 | 3  | 3  | 4  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 2  | 2  | 2  | 3  | 2  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 2  | 3  | 3  | 2  | 2  | 2  | 2  | 2  | 3  | 2   | 113 |     |    |
| 12 | 4          | 2 | 3 | 2 | 3 | 2 | 3 | 4 | 4 | 3  | 3  | 4  | 4  | 2  | 2  | 3  | 4  | 3  | 3  | 4  | 3  | 2  | 1  | 2  | 2  | 3  | 3  | 2  | 2  | 3  | 2  | 3  | 3  | 3  | 3  | 3  | 4  | 3  | 3  | 4  | 3  | 2   | 2   | 120 |    |
| 13 | 4          | 2 | 3 | 3 | 1 | 2 | 4 | 2 | 2 | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 3  | 2  | 2  | 1  | 2  | 2  | 2  | 2  | 3  | 4  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 0  | 1  | 4   | 91  |     |    |
| 14 | 4          | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 2 | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 1  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 3   | 2   | 88  |    |
| 15 | 3          | 2 | 2 | 2 | 3 | 2 | 2 | 1 | 1 | 1  | 2  | 3  | 3  | 2  | 3  | 2  | 1  | 2  | 1  | 3  | 2  | 1  | 1  | 2  | 3  | 2  | 2  | 1  | 1  | 2  | 2  | 3  | 2  | 2  | 2  | 2  | 3  | 2  | 3  | 2  | 1  | 1   | 2   | 1   | 85 |
| 16 | 4          | 2 | 3 | 1 | 2 | 2 | 1 | 1 | 1 | 2  | 3  | 4  | 2  | 2  | 0  | 1  | 3  | 2  | 0  | 1  | 3  | 2  | 2  | 4  | 2  | 2  | 3  | 0  | 2  | 2  | 1  | 1  | 2  | 3  | 2  | 2  | 1  | 3  | 2  | 2  | 3  | 3   | 84  |     |    |
| 17 | 4          | 2 | 4 | 4 | 0 | 2 | 3 | 4 | 4 | 1  | 4  | 4  | 4  | 2  | 3  | 3  | 2  | 3  | 1  | 3  | 3  | 2  | 1  | 3  | 2  | 4  | 4  | 3  | 3  | 3  | 4  | 4  | 3  | 4  | 4  | 3  | 4  | 3  | 4  | 1  | 3  | 1   | 122 |     |    |
| 18 | 2          | 2 | 3 | 3 | 0 | 2 | 2 | 1 | 3 | 2  | 3  | 4  | 4  | 2  | 2  | 2  | 3  | 3  | 2  | 2  | 1  | 2  | 0  | 2  | 4  | 2  | 2  | 2  | 0  | 0  | 2  | 3  | 4  | 3  | 2  | 3  | 2  | 1  | 2  | 2  | 3  | 0   | 89  |     |    |
| 19 | 2          | 1 | 3 | 2 | 2 | 2 | 2 | 3 | 1 | 2  | 3  | 2  | 2  | 2  | 1  | 1  | 2  | 2  | 2  | 2  | 2  | 1  | 2  | 2  | 2  | 1  | 2  | 3  | 1  | 2  | 2  | 2  | 2  | 1  | 3  | 2  | 2  | 3  | 3  | 2  | 2  | 84  |     |     |    |
| 20 | 2          | 2 | 1 | 1 | 3 | 3 | 3 | 3 | 3 | 2  | 3  | 2  | 4  | 3  | 2  | 1  | 2  | 2  | 2  | 3  | 3  | 2  | 2  | 2  | 2  | 1  | 2  | 3  | 3  | 3  | 2  | 3  | 1  | 2  | 3  | 3  | 2  | 3  | 3  | 3  | 2  | 3   | 99  |     |    |
| 21 | 4          | 2 | 3 | 3 | 2 | 1 | 2 | 4 | 2 | 2  | 1  | 2  | 3  | 2  | 4  | 3  | 2  | 2  | 0  | 2  | 4  | 3  | 2  | 2  | 1  | 3  | 2  | 3  | 2  | 2  | 1  | 3  | 2  | 3  | 2  | 2  | 3  | 2  | 3  | 2  | 4  | 0   | 4   | 97  |    |
| 22 | 2          | 2 | 3 | 3 | 2 | 1 | 2 | 4 | 2 | 2  | 1  | 2  | 3  | 2  | 2  | 1  | 2  | 2  | 0  | 2  | 4  | 3  | 2  | 2  | 1  | 3  | 2  | 3  | 2  | 2  | 3  | 2  | 2  | 3  | 2  | 3  | 2  | 2  | 3  | 2  | 0  | 4   | 0   | 90  |    |
| 23 | 2          | 2 | 2 | 3 | 2 | 2 | 3 | 4 | 3 | 1  | 1  | 3  | 2  | 2  | 3  | 2  | 3  | 3  | 2  | 2  | 1  | 1  | 1  | 2  | 2  | 3  | 2  | 2  | 3  | 3  | 2  | 2  | 3  | 2  | 3  | 3  | 3  | 3  | 3  | 3  | 2  | 3   | 2   | 97  |    |
| 24 | 4          | 2 | 3 | 4 | 0 | 1 | 1 | 3 | 4 | 2  | 1  | 4  | 4  | 4  | 3  | 2  | 4  | 4  | 2  | 2  | 3  | 4  | 0  | 3  | 3  | 4  | 4  | 2  | 3  | 3  | 2  | 4  | 4  | 2  | 4  | 4  | 4  | 4  | 3  | 4  | 4  | 2   | 0   | 120 |    |
| 25 | 3          | 2 | 3 | 3 | 2 | 3 | 4 | 4 | 2 | 1  | 1  | 4  | 4  | 4  | 4  | 3  | 3  | 3  | 2  | 2  | 2  | 3  | 1  | 3  | 4  | 3  | 3  | 2  | 4  | 2  | 3  | 3  | 3  | 3  | 3  | 3  | 2  | 3  | 3  | 4  | 3  | 2   | 0   | 116 |    |
| 26 | 3          | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 4 | 2  | 2  | 4  | 4  | 3  | 3  | 2  | 3  | 4  | 3  | 3  | 2  | 2  | 1  | 2  | 3  | 3  | 2  | 1  | 3  | 3  | 3  | 3  | 3  | 4  | 3  | 3  | 3  | 2  | 3  | 2  | 3  | 2   | 115 |     |    |
| 27 | 2          | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 3 | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 1  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 3  | 2  | 1  | 2  | 2   | 1   | 90  |    |
| 28 | 3          | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 3  | 3  | 2  | 3  | 3  | 2  | 2  | 2  | 2  | 2  | 2  | 3  | 2  | 2  | 2  | 1  | 3  | 2  | 2  | 2  | 2  | 2  | 3  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2   | 2   | 1   | 88 |
| 29 | 2          | 2 | 3 | 2 | 1 | 2 | 3 | 4 | 2 | 1  | 0  | 4  | 3  | 2  | 3  | 2  | 3  | 3  | 3  | 3  | 2  | 2  | 1  | 2  | 4  | 3  | 2  | 2  | 3  | 2  | 1  | 3  | 2  | 3  | 2  | 3  | 3  | 2  | 3  | 2  | 2  | 0   | 2   | 1   | 95 |
| 30 | 2          | 2 | 3 | 2 | 3 | 3 | 3 | 3 | 4 | 2  | 2  | 4  | 4  | 4  | 4  | 2  | 3  | 3  | 2  | 2  | 2  | 1  | 1  | 2  | 4  | 4  | 2  | 2  | 3  | 1  | 2  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 2  | 3  | 2   | 2   | 110 |    |
| 31 | 2          | 2 | 1 | 1 | 2 | 1 | 2 | 2 | 2 | 3  | 1  | 4  | 2  | 1  | 2  | 2  | 2  | 3  | 2  | 3  | 0  | 2  | 1  | 2  | 2  | 3  | 2  | 2  | 2  | 2  | 2  | 3  | 3  | 2  | 4  | 2  | 2  | 2  | 2  | 2  | 1  | 0   | 83  |     |    |
| 32 | 3          | 2 | 3 | 3 | 2 | 1 | 2 | 3 | 2 | 2  | 1  | 3  | 3  | 1  | 3  | 1  | 1  | 2  | 1  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 0  | 3   | 1   | 2   | 84 |
| 33 | 3          | 2 | 3 | 3 | 1 | 3 | 2 | 3 | 2 | 1  | 1  | 3  | 3  | 2  | 3  | 2  | 2  | 3  | 2  | 2  | 1  | 1  | 2  | 2  | 1  | 4  | 3  | 2  | 2  | 1  | 2  | 2  | 3  | 2  | 3  | 2  | 3  | 1  | 3  | 3  | 2  | 2   | 1   | 92  |    |
| 34 | 3          | 3 | 3 | 2 | 3 | 3 | 3 | 4 | 4 | 1  | 2  | 4  | 3  | 2  | 3  | 2  | 4  | 4  | 3  | 3  | 2  | 2  | 4  | 2  | 2  | 3  | 2  | 1  | 3  | 3  | 2  | 2  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 4  | 3  | 3   | 2   | 117 |    |
| 35 | 3          | 2 | 3 | 2 | 3 | 2 | 3 | 3 | 3 | 2  | 1  | 4  | 2  | 2  | 2  | 3  | 4  | 3  | 3  | 2  | 2  | 1  | 1  | 1  | 2  | 1  | 3  | 1  | 1  | 2  | 2  | 2  | 3  | 4  | 2  | 3  | 4  | 4  | 4  | 4  | 2  | 3   | 100 |     |    |
| 36 | 3          | 2 | 3 | 2 | 2 | 2 | 3 | 2 | 3 | 1  | 2  | 3  | 2  | 2  | 2  | 3  | 2  | 2  | 2  | 1  | 2  | 1  | 2  | 2  | 3  | 2  | 2  | 2  | 1  | 1  | 2  | 3  | 3  | 3  | 4  | 2  | 1  | 2  | 3  | 3  | 2  | 92  |     |     |    |
| 37 | 2          | 3 | 3 | 3 | 2 | 3 | 4 | 3 | 4 | 2  | 1  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 3  | 3  | 2  | 3  | 1  | 2  | 4  | 4  | 1  | 2  | 4  | 2  | 3  | 3  | 3  | 4  | 4  | 3  | 3  | 3  | 4  | 4  | 1  | 3   | 127 |     |    |
| 38 | 3          | 1 | 2 | 2 | 1 | 1 | 3 | 2 | 3 | 1  | 3  | 4  | 4  | 2  | 3  | 2  | 3  | 3  | 1  | 3  | 0  | 2  | 1  | 1  | 2  | 3  | 3  | 1  | 2  | 1  | 2  | 2  | 3  | 3  | 2  | 2  | 1  | 1  | 2  | 2  | 2  | 87  |     |     |    |
| 39 | 3          | 2 | 3 | 2 | 1 | 3 | 2 | 3 | 3 | 3  | 3  | 4  | 4  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 2  | 3  | 1  | 2  | 2  | 3  | 2  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 4  | 4  | 3  | 3  | 3  | 2  | 118 |     |     |    |
| 40 | 3          | 2 | 2 | 2 | 2 | 3 | 3 | 2 | 3 | 1  | 1  | 4  | 3  | 2  | 3  | 2  | 2  | 2  | 2  | 3  | 2  | 2  | 1  | 2  | 3  | 3  | 1  | 2  | 3  | 2  | 1  | 3  | 3  | 2  | 3  | 2  | 2  | 2  | 2  | 2  | 2  | 3   | 95  |     |    |
| 41 | 4          | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 2  | 2  | 4  | 4  | 3  | 3  | 2  | 4  | 2  | 2  | 3  | 1  | 1  | 1  | 2  | 3  | 3  | 2  | 1  | 2  | 1  | 2  | 2  | 3  | 4  | 2  | 2  | 3  | 3  | 2  | 3  | 2  | 3   | 104 |     |    |
| 42 | 4          | 2 | 4 | 3 | 2 | 1 | 3 | 4 | 2 | 3  | 3  | 4  | 2  | 2  | 3  | 2  | 3  | 3  | 2  | 3  | 3  | 3  | 2  | 1  | 1  | 2  | 1  | 2  | 3  | 3  | 1  | 2  | 3  | 2  | 3  | 2  | 3  | 3  | 3  | 2  | 2  | 2   | 104 |     |    |
| 43 | 2          | 2 | 2 | 3 | 2 | 2 | 2 | 3 | 1 | 1  | 4  | 4  | 3  | 3  | 3  | 2  | 3  | 1  | 2  | 1  | 1  | 1  | 3  | 2  | 3  | 1  | 1  | 2  | 1  | 1  | 2  | 3  | 3  | 2  | 3  | 2  | 2  | 1  | 2  | 2  | 1  | 87  |     |     |    |
| 44 | 3          | 2 | 3 | 3 | 1 | 2 | 3 | 3 | 3 | 2  | 1  | 4  | 3  | 2  | 2  | 3  | 3  | 2  | 2  | 3  | 1  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |     |     |    |

## Lanjutan

|    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |     |     |     |   |     |
|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|---|-----|
| 51 | 3 | 2 | 2 | 2 | 3 | 2 | 2 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 2 | 2 | 2 | 3 | 3 | 2 | 3 | 3 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 3 | 3 | 2 | 2   | 3   | 3   | 2   | 2 | 107 |
| 52 | 4 | 2 | 4 | 4 | 1 | 4 | 2 | 3 | 4 | 0 | 3 | 4 | 4 | 4 | 4 | 3 | 2 | 2 | 3 | 4 | 1 | 1 | 1 | 2 | 3 | 2 | 2 | 1 | 3 | 2 | 0 | 1 | 3 | 3 | 4 | 3 | 2 | 2 | 2 | 1   | 2   | 0   | 102 |   |     |
| 53 | 2 | 2 | 2 | 3 | 1 | 2 | 2 | 4 | 3 | 2 | 2 | 4 | 4 | 2 | 3 | 2 | 2 | 3 | 2 | 2 | 1 | 4 | 2 | 4 | 2 | 2 | 1 | 2 | 3 | 4 | 3 | 2 | 2 | 3 | 3 | 3 | 2 | 2 | 2 | 2   | 2   | 104 |     |   |     |
| 54 | 3 | 1 | 1 | 1 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 2 | 3 | 3 | 1 | 3 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 3 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 1   | 86  |     |     |   |     |
| 55 | 3 | 2 | 3 | 3 | 1 | 2 | 2 | 3 | 3 | 2 | 1 | 3 | 3 | 3 | 3 | 4 | 3 | 2 | 2 | 1 | 2 | 1 | 3 | 4 | 3 | 3 | 2 | 3 | 2 | 4 | 3 | 3 | 4 | 4 | 3 | 2 | 3 | 3 | 2 | 112 |     |     |     |   |     |
| 56 | 3 | 2 | 3 | 2 | 2 | 2 | 3 | 2 | 2 | 1 | 2 | 4 | 2 | 2 | 2 | 3 | 2 | 1 | 3 | 1 | 1 | 1 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 1 | 2 | 2 | 3 | 3 | 2 | 2 | 1 | 2 | 2 | 2   | 84  |     |     |   |     |
| 57 | 2 | 2 | 2 | 2 | 3 | 2 | 3 | 4 | 4 | 4 | 1 | 4 | 4 | 4 | 3 | 4 | 2 | 3 | 2 | 3 | 2 | 3 | 3 | 2 | 2 | 3 | 3 | 4 | 3 | 4 | 3 | 3 | 2 | 3 | 2 | 3 | 3 | 2 | 2 | 2   | 117 |     |     |   |     |
| 58 | 4 | 2 | 3 | 2 | 3 | 2 | 2 | 4 | 2 | 0 | 0 | 4 | 3 | 2 | 2 | 2 | 4 | 2 | 3 | 1 | 1 | 1 | 2 | 1 | 3 | 3 | 1 | 0 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 2 | 3 | 1 | 1   | 94  |     |     |   |     |
| 59 | 3 | 2 | 4 | 4 | 1 | 3 | 3 | 3 | 4 | 1 | 2 | 4 | 4 | 3 | 4 | 4 | 4 | 3 | 4 | 2 | 0 | 0 | 2 | 3 | 0 | 1 | 3 | 2 | 3 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 3 | 1 | 2 | 3   | 119 |     |     |   |     |
| 60 | 3 | 1 | 4 | 3 | 1 | 3 | 3 | 3 | 3 | 1 | 0 | 4 | 4 | 4 | 4 | 3 | 4 | 4 | 3 | 3 | 1 | 1 | 3 | 4 | 3 | 4 | 1 | 3 | 3 | 1 | 3 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 1 | 1   | 117 |     |     |   |     |
| 61 | 4 | 2 | 3 | 4 | 1 | 2 | 2 | 3 | 4 | 1 | 1 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 2 | 1 | 0 | 0 | 2 | 2 | 1 | 2 | 3 | 3 | 1 | 0 | 4 | 4 | 4 | 4 | 4 | 2 | 4 | 2 | 2 | 3   | 110 |     |     |   |     |
| 62 | 3 | 2 | 3 | 3 | 2 | 2 | 3 | 3 | 4 | 2 | 4 | 4 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 2 | 2 | 4 | 2 | 2 | 3 | 2 | 2 | 3 | 4 | 4 | 3 | 2 | 3 | 4 | 2 | 2 | 0 | 110 |     |     |     |   |     |
| 63 | 3 | 2 | 3 | 3 | 2 | 2 | 3 | 3 | 2 | 2 | 3 | 4 | 4 | 2 | 3 | 3 | 2 | 2 | 3 | 2 | 1 | 2 | 3 | 2 | 3 | 2 | 1 | 2 | 3 | 3 | 2 | 1 | 2 | 3 | 3 | 2 | 1 | 2 | 2 | 3   | 2   | 103 |     |   |     |
| 64 | 3 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 4 | 4 | 3 | 3 | 2 | 3 | 2 | 3 | 2 | 1 | 0 | 3 | 2 | 3 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 3 | 3 | 2 | 3 | 2 | 3 | 2 | 113 |     |     |     |   |     |
| 65 | 3 | 2 | 4 | 3 | 1 | 1 | 2 | 3 | 4 | 0 | 2 | 4 | 3 | 4 | 2 | 2 | 4 | 4 | 2 | 3 | 2 | 0 | 0 | 2 | 2 | 3 | 2 | 2 | 3 | 3 | 1 | 2 | 3 | 3 | 4 | 3 | 1 | 1 | 4 | 3   | 2   | 103 |     |   |     |
| 66 | 3 | 3 | 4 | 3 | 1 | 4 | 4 | 4 | 4 | 1 | 2 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 4 | 1 | 1 | 1 | 2 | 4 | 3 | 3 | 2 | 3 | 3 | 1 | 3 | 3 | 3 | 3 | 2 | 3 | 4 | 3 | 4   | 0   | 120 |     |   |     |
| 67 | 2 | 2 | 3 | 3 | 1 | 2 | 3 | 4 | 4 | 3 | 3 | 4 | 4 | 4 | 2 | 3 | 4 | 4 | 2 | 2 | 1 | 1 | 1 | 2 | 4 | 2 | 2 | 3 | 2 | 2 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 2 | 2   | 111 |     |     |   |     |
| 68 | 3 | 1 | 3 | 3 | 2 | 2 | 3 | 4 | 4 | 2 | 1 | 4 | 4 | 4 | 3 | 3 | 4 | 3 | 2 | 2 | 2 | 1 | 3 | 2 | 4 | 2 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 4 | 3 | 3   | 127 |     |     |   |     |
| 69 | 3 | 1 | 3 | 3 | 2 | 2 | 2 | 4 | 4 | 0 | 1 | 4 | 4 | 3 | 3 | 3 | 4 | 4 | 2 | 2 | 1 | 0 | 1 | 2 | 3 | 3 | 2 | 4 | 3 | 1 | 3 | 3 | 3 | 3 | 4 | 2 | 2 | 3 | 3 | 2   | 3   | 107 |     |   |     |
| 70 | 3 | 2 | 2 | 2 | 1 | 2 | 2 | 4 | 4 | 1 | 2 | 4 | 4 | 3 | 4 | 2 | 4 | 4 | 2 | 3 | 1 | 1 | 4 | 2 | 3 | 3 | 2 | 3 | 2 | 2 | 3 | 3 | 2 | 3 | 4 | 3 | 3 | 3 | 2 | 2   | 109 |     |     |   |     |
| 71 | 3 | 2 | 3 | 3 | 2 | 2 | 3 | 3 | 2 | 3 | 3 | 3 | 2 | 3 | 4 | 3 | 3 | 3 | 2 | 1 | 2 | 2 | 3 | 2 | 3 | 2 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2   | 111 |     |     |   |     |
| 72 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 4 | 4 | 0 | 2 | 4 | 4 | 3 | 4 | 2 | 2 | 4 | 2 | 3 | 2 | 1 | 0 | 4 | 2 | 4 | 3 | 2 | 3 | 2 | 2 | 4 | 2 | 3 | 3 | 4 | 3 | 2 | 2 | 2   | 1   | 104 |     |   |     |
| 73 | 2 | 2 | 2 | 3 | 1 | 2 | 2 | 2 | 3 | 1 | 2 | 4 | 4 | 4 | 3 | 2 | 3 | 3 | 2 | 2 | 1 | 1 | 2 | 2 | 4 | 3 | 2 | 2 | 2 | 1 | 4 | 4 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 1   | 98  |     |     |   |     |
| 74 | 4 | 2 | 4 | 4 | 2 | 0 | 3 | 4 | 4 | 1 | 0 | 4 | 4 | 4 | 4 | 1 | 4 | 4 | 1 | 2 | 1 | 1 | 0 | 3 | 4 | 4 | 4 | 1 | 2 | 2 | 3 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 4 | 4   | 2   | 121 |     |   |     |
| 75 | 4 | 2 | 3 | 3 | 2 | 2 | 2 | 3 | 3 | 2 | 1 | 4 | 4 | 3 | 3 | 3 | 4 | 4 | 3 | 3 | 2 | 3 | 0 | 3 | 4 | 4 | 3 | 3 | 4 | 3 | 3 | 4 | 4 | 4 | 4 | 3 | 2 | 3 | 2 | 1   | 123 |     |     |   |     |
| 76 | 3 | 1 | 3 | 3 | 1 | 1 | 2 | 3 | 3 | 1 | 1 | 4 | 4 | 4 | 3 | 3 | 4 | 3 | 2 | 3 | 2 | 1 | 1 | 2 | 3 | 3 | 1 | 0 | 0 | 1 | 2 | 2 | 1 | 1 | 3 | 4 | 2 | 2 | 1 | 2   | 3   | 3   | 92  |   |     |
| 77 | 3 | 1 | 2 | 3 | 1 | 1 | 2 | 3 | 3 | 2 | 1 | 4 | 4 | 2 | 3 | 3 | 4 | 3 | 2 | 3 | 2 | 1 | 1 | 2 | 2 | 3 | 2 | 1 | 3 | 1 | 1 | 2 | 3 | 2 | 3 | 3 | 2 | 2 | 2 | 2   | 3   | 96  |     |   |     |
| 78 | 4 | 3 | 3 | 4 | 1 | 2 | 3 | 4 | 4 | 1 | 2 | 4 | 4 | 2 | 3 | 2 | 4 | 4 | 3 | 4 | 1 | 0 | 0 | 3 | 3 | 4 | 3 | 1 | 3 | 2 | 3 | 4 | 3 | 3 | 4 | 3 | 3 | 2 | 2 | 4   | 3   | 118 |     |   |     |
| 79 | 2 | 1 | 2 | 2 | 1 | 1 | 2 | 3 | 3 | 3 | 1 | 4 | 3 | 2 | 2 | 2 | 3 | 3 | 2 | 4 | 1 | 2 | 1 | 1 | 2 | 3 | 1 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 1   | 2   | 97  |     |   |     |
| 80 | 4 | 2 | 2 | 3 | 2 | 1 | 2 | 4 | 3 | 3 | 1 | 4 | 4 | 2 | 3 | 2 | 3 | 4 | 2 | 2 | 2 | 1 | 1 | 2 | 1 | 4 | 2 | 2 | 3 | 2 | 1 | 2 | 3 | 4 | 3 | 3 | 2 | 3 | 4 | 2   | 4   | 2   | 105 |   |     |
| 81 | 2 | 2 | 3 | 3 | 2 | 2 | 3 | 4 | 2 | 2 | 2 | 4 | 3 | 2 | 3 | 3 | 4 | 1 | 2 | 2 | 1 | 3 | 2 | 3 | 3 | 2 | 2 | 2 | 1 | 2 | 3 | 2 | 2 | 1 | 2 | 3 | 2 | 2 | 1 | 1   | 98  |     |     |   |     |
| 82 | 2 | 2 | 2 | 2 | 1 | 2 | 4 | 3 | 2 | 2 | 2 | 4 | 3 | 2 | 2 | 2 | 2 | 3 | 1 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 1   | 1   | 86  |     |   |     |
| 83 | 2 | 2 | 2 | 2 | 1 | 2 | 3 | 3 | 3 | 3 | 2 | 4 | 4 | 4 | 4 | 2 | 3 | 2 | 2 | 2 | 1 | 0 | 2 | 1 | 4 | 2 | 1 | 2 | 1 | 1 | 2 | 3 | 3 | 3 | 4 | 3 | 1 | 2 | 0 | 0   | 89  |     |     |   |     |
| 84 | 4 | 2 | 4 | 4 | 1 | 2 | 3 | 4 | 4 | 1 | 2 | 4 | 4 | 4 | 4 | 4 | 3 | 2 | 3 | 1 | 4 | 4 | 4 | 4 | 3 | 0 | 3 | 3 | 3 | 4 | 4 | 4 | 3 | 3 | 2 | 3 | 2 | 3 | 2 | 2   | 128 |     |     |   |     |
| 85 | 3 | 2 | 2 | 2 | 1 | 2 | 2 | 3 | 3 | 1 | 1 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 1 | 2 | 2 | 2 | 2 | 1 | 3 | 3 | 3 | 3 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2   | 2   | 92  |     |   |     |
| 86 | 4 | 2 | 3 | 3 | 3 | 2 | 2 | 1 | 4 | 0 | 1 | 4 | 4 | 3 | 2 | 2 | 4 | 4 | 2 | 2 | 0 | 0 | 1 | 2 | 3 | 2 | 0 | 2 | 1 | 1 | 1 | 2 | 2 | 4 | 4 | 1 | 2 | 0 | 2 | 2   | 86  |     |     |   |     |
| 87 | 4 | 2 | 3 | 3 | 3 | 3 | 4 | 1 | 3 | 3 | 0 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 2 | 0 | 0 | 4 | 2 | 3 | 3 | 2 | 3 | 3 | 2 | 3 | 4 | 4 | 4 | 0 | 4 | 2 | 1 | 2 | 2   | 116 |     |     |   |     |
| 88 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 3 | 4 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1   | 2   | 82  |     |   |     |
| 89 | 3 | 2 | 3 | 3 | 1 | 2 | 2 | 3 | 3 | 2 | 1 | 4 | 4 | 2 | 3 | 2 | 3 | 3 | 1 | 2 | 2 | 1 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 1 | 2 | 2 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 1   | 88  |     |     |   |     |
| 90 | 4 | 2 | 4 | 4 | 2 | 3 | 4 | 4 | 4 | 0 | 2 | 4 | 4 | 4 | 4 | 3 | 4 | 3 | 3 | 4 | 3 | 1 | 1 | 2 | 3 | 2 | 2 | 1 | 4 | 2 | 1 | 2 | 3 | 2 | 4 | 4 | 3 | 2 | 2 | 4   | 2   | 3   | 119 |   |     |
| 91 | 3 | 2 | 3 | 3 | 2 | 2 | 2 | 3 | 3 | 1 | 1 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 1 | 1 | 2 | 1 | 2 | 3 | 2 | 3 | 2 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 2 | 2 | 2   | 101 |     |     |   |     |
| 92 | 3 | 3 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 3 | 2 | 4 | 4 | 4 | 4 | 2 | 4 | 0 | 2 | 3 | 4 | 2 | 2 | 4 | 3 | 2 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 0   | 135 |     |     |   |     |
| 93 | 4 | 2 | 3 | 3 | 1 | 2 | 2 | 1 | 2 | 2 | 2 | 4 | 4 | 3 | 4 | 3 | 4 | 3 | 2 | 2 | 0 | 0 | 2 | 2 | 2 | 2 | 1 | 2 | 0 | 1 | 2 | 2 | 4 | 4 | 3 | 2 | 0 | 2 | 3 | 2   | 0   | 91  |     |   |     |
| 94 | 3 | 2 | 3 | 3 | 1 | 2 | 4 | 4 | 4 | 1 | 1 | 4 | 2 | 2 | 2 | 4 | 4 | 2 | 2 | 2 | 0 | 2 | 2 | 2 | 0 | 0 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2   | 2   | 92  |     |   |     |
| 95 | 3 | 2 | 3 | 2 | 3 | 2 | 3 | 3 | 3 | 2 | 1 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 1 | 3 | 2 | 3 | 1 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3   | 2   | 3   | 112 |   |     |
| 96 | 4 | 2 | 3 | 3 | 1 | 2 | 3 | 4 | 3 | 3 | 1 | 4 | 4 | 2 | 4 | 4 | 4 | 4 | 3 | 3 | 0 | 2 | 4 | 4 | 3 | 3 | 4 | 3 | 3 | 4 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 1 | 2   | 128 |     |     |   |     |
| 97 | 4 | 2 | 3 | 3 | 1 | 2 | 2 | 2 | 1 | 2 | 4 | 3 | 2 | 3 | 2 | 3 | 3 | 2 | 2 | 3 | 2 | 2 | 3 | 2 | 3 | 2 | 2 | 2 |   |   |   |   |   |   |   |   |   |   |   |     |     |     |     |   |     |



## Lampiran 4. Skala Uji Coba

### SKALA PSIKOLOGI

#### A. PENGANTAR

Assalamu'alaikum, Wr, Wb....

Peneliti adalah mahasiswa jurusan Psikologi Universitas Yudharta Pasuruan yang sedang melakukan penelitian yang akan digunakan untuk bahan menyusun skripsi sebagai prasyarat untuk mendapatkan gelar Sarjana Psikologi. Peneliti berharap kesediaan anda untuk mengisi skala ini. Skala ini dapat diisi sesuai dengan petunjuk pengisian. Berikanlah jawaban dari pernyataan yang ada sesuai dengan perasaan yang anda alami atau rasakan. Semua jawaban yang anda tulis dapat diterima, tidak ada jawaban yang salah dalam pengisian skala ini.

Atas kesediaan meluangkan waktu untuk mengisi skala ini peneliti ucapkan terima kasih.

Peneliti

**B. IDENTITAS**

Nama :  
Kelas :  
Usia :  
No. Hp :

**C. PETUNJUK PENGISIAN**

Pada halaman berikut ada beberapa pernyataan yang harus anda jawab. Saya mengharapkan kesediaan anda untuk mengisi pernyataan-pernyataan tersebut dengan sebenar-benarnya sesuai dengan keadaan anda. Berikut adalah petunjuk cara pengisiannya:

1. Bacalah masing-masing pernyataan berikut dengan teliti dan jawablah sejujurnya.
2. Pilihlah salah satu jawaban yang paling sesuai dengan keadaan anda, dengan memberi centang (√) pada:  
SS : Sangat Setuju  
S : Setuju  
N : Netral  
TS : Tidak Setuju  
STS: Sangat Tidak Setuju
3. Bila anda merasa jawaban yang telah anda centang tidak sesuai dengan diri Anda. Anda dapat mencoret dan menggantinya dengan jawaban baru yang sesuai, dengan memberi centang (√).
4. Semua jawaban anda dapat diterima dan tidak ada jawaban yang salah serta jawaban anda rahasiakan.

**Skala 1 (Emosi Positif)**

| No. | Pernyataan   | Respon |   |   |    |     |
|-----|--|--------|---|---|----|-----|
|     |  | SS     | S | N | TS | STS |
| 1.  | Saya senang belajar kapanpun   |        |   |   |    |     |
| 2.  | Saya mampu menghibur diri sendiri saat pikiran lagi suntuk                                       |        |   |   |    |     |
| 3.  | Saya selalu aktif mengikuti kegiatan tambahan belajar di sekolah                                 |        |   |   |    |     |
| 4.  | Saya berharap ujian kali ini mendapat nilai diatas rata-rata                                     |        |   |   |    |     |
| 5.  | Saya berharap nilai saya diatas rata-rata walaupun saya belajar kurang maksimal                  |        |   |   |    |     |
| 6.  | Saya puas dengan nilai saya, dan saya tetap belajar untuk meningkatkannya                        |        |   |   |    |     |
| 7.  | Ketika teman saya kesulitan mengerjakan tugas, saya bersedia membantu                            |        |   |   |    |     |
| 8.  | Saya senang bertegur sapa ketika bertemu dengan teman  |        |   |   |    |     |
| 9.  | Saya merasa belajar adalah sesuatu yang tidak menyenangkan                                       |        |   |   |    |     |
| 10. | Ketika ada teman bercanda, saya tidak menghiraukan   |        |   |   |    |     |
| 11. | Saya merasa mengikuti les tambahan tidak membuat nilai saya lebih baik                           |        |   |   |    |     |
| 12. | Saya merasa mengikuti les tambahan tidak membuat nilai saya lebih baik                           |        |   |   |    |     |
| 13. | Saya merasa tidak ada manfaatnya membantu teman yang mengalami kesulitan dalam mengerjakan tugas |        |   |   |    |     |
| 14. | Saya merasa kesulitan untuk menyapa teman  |        |   |   |    |     |
| 15. | Saya tetap belajar dengan giat walaupun banyak tugas lain dirumah                                |        |   |   |    |     |
| 16. | Saya merasa lebih semangat belajar ketika mengerjakan tugas dengan teman                         |        |   |   |    |     |
| 17. | Saya merasa senang ketika bisa membuat teman saya tertawa  |        |   |   |    |     |
| 18. | Saya tetap semangat belajar dengan keterbatasan buku yang saya miliki                            |        |   |   |    |     |
| 19. | Saya akan belajar dengan sungguh untuk mendapat nilai yang memuaskan                             |        |   |   |    |     |

|     |  |  |  |  |  |  |
|-----|--|--|--|--|--|--|
| 20. | Saya puas dengan nilai saya, dan saya tetap belajar untuk meningkatkannya        |  |  |  |  |  |
| 21. | Saya mampu menyelesaikan tugas dengan cara yang mudah                            |  |  |  |  |  |
| 22. | Saya merasa senang, karena saya bisa membantu teman mengerjakan tugas yang sulit |  |  |  |  |  |
| 23. | Saya merasa bosan ketika setiap hari belajar                                     |  |  |  |  |  |
| 24. | Saya merasa belajar dengan teman membuat saya semakin tidak bisa fokus belajar   |  |  |  |  |  |
| 25. | Saya senang menunda-nunda waktu untuk mengerjakan tugas                          |  |  |  |  |  |
| 26. | Mengikuti les mengurangi waktu bermain saya                                      |  |  |  |  |  |
| 27. | Saya tidak pernah berharap mendapat nilai diatas 80 saat ujian                   |  |  |  |  |  |
| 28. | Saya merasa hasil ujian yang pernah saya dapatkan kurang maksimal                |  |  |  |  |  |
| 29. | Saya kesulitan untuk mengerjakan tugas dengan cara yang mudah                    |  |  |  |  |  |
| 30. | Saya mengabaikan teman yang mengalami kesulitan dalam mengerjakan tugas          |  |  |  |  |  |
| 31. | Saya siswa yang suka menyendiri, daripada berkumpul dengan teman-teman           |  |  |  |  |  |
| 32. | Saya merasa takut untuk menyapa guru saat diluar sekolah                         |  |  |  |  |  |
| 33. | Belajar dengan teman membuat saya senang   |  |  |  |  |  |
| 34. | Saya sering melihat film komedi untuk menghibur diri saat banyak tugas           |  |  |  |  |  |
| 35. | Saya mengerahkan seluruh pemikiran saya dalam mengerjakan tugas                  |  |  |  |  |  |
| 36. | Saya merasa puas karena saya mampu mengerjakan tugas dengan tepat waktu          |  |  |  |  |  |
| 37. | Saya lebih suka bermain daripada belajar   |  |  |  |  |  |
| 38. | Saya belajar karena dipaksa orang tua  |  |  |  |  |  |
| 39. | Berharap mendapat nilai 80 adalah suatu hal yang mustahil                        |  |  |  |  |  |
| 40. | Saya merasa kemampuan saya dibawah teman-teman saya                              |  |  |  |  |  |
| 41. | Ketika ada teman yang meminta bantuan mengerjakan tugas saya pura-               |  |  |  |  |  |

|     |   |  |  |  |  |  |
|-----|---|--|--|--|--|--|
|     | pura tidak tahu   |  |  |  |  |  |
| 42. | Saya sangat senang ketika bisa membantu teman mengerjakan tugas                           |  |  |  |  |  |
| 43. | Saya sering berdiskusi dengan teman, karena itu membuat saya lebih semangat dalam belajar |  |  |  |  |  |
| 44. | Saya tetap semangat belajar meskipun pelajarannya sulit                                   |  |  |  |  |  |
| 45. | Setiap ada pelajaran tambahan, saya selalu datang tepat waktu                             |  |  |  |  |  |
| 46. | Saya senang ketika saya bisa menyelesaikan tugas yang sangat sulit                        |  |  |  |  |  |
| 47. | Belajar dengan teman membuat saya mudah bosan   |  |  |  |  |  |
| 48. | Saya lebih suka menyendiri daripada bercanda dengan teman                                 |  |  |  |  |  |
| 49. | Saya sering terlambat dalam mengumpulkan tugas  |  |  |  |  |  |
| 50. | Saya selalu bolos ketika ada materi tambahan di sekolah                                   |  |  |  |  |  |

### Skala 2 (Optimisme)

| No. | Pernyataan   | Respon |   |   |    |     |
|-----|--|--------|---|---|----|-----|
|     |  | SS     | S | N | TS | STS |
| 1.  | Saya berharap bisa mengerjakan ujian meskipun persiapan belajar belum maksimal           |        |   |   |    |     |
| 2.  | Saya fokus pada soal dan jawaban ketika sedang mengerjakan ujian                         |        |   |   |    |     |
| 3.  | Saya tidak pernah mencocokkan jawaban ujian dengan teman saya                            |        |   |   |    |     |
| 4.  | Ketika ada soal yang sulit saya tetap berusaha mengerjakannya                            |        |   |   |    |     |
| 5.  | Saya merasa, ujian yang akan datang belum tentu sulit seperti ujian sebelumnya           |        |   |   |    |     |
| 6.  | Saya tetap semangat mengerjakan ujian meskipun materi yang diujikan sulit                |        |   |   |    |     |
| 7.  | Menurut saya berharap ataupun tidak, tidak akan merubah hasil ujian saya                 |        |   |   |    |     |
| 8.  | Saya menjadi kurang fokus ketika mengerjakan soal karena saya melihat jawaban teman      |        |   |   |    |     |
| 9.  | Saya sering menyamakan jawaban saya dengan jawaban teman                                 |        |   |   |    |     |
| 10. | Saya mendapat nilai bagus karena saya melihat jawaban teman                              |        |   |   |    |     |
| 11. | Segiat apapun saya belajar, tidak akan membuat nilai saya lebih baik                     |        |   |   |    |     |
| 12. | Pelajaran tambahan yang diadakan tidak penting bagi saya                                 |        |   |   |    |     |
| 13. | Saya merasa gagal ketika tidak bisa mengerjakan ujian yang diberikan                     |        |   |   |    |     |
| 14. | Saya merasa hasil ujian yang tidak memuaskan disebabkan karena saya tidak pernah belajar |        |   |   |    |     |
| 15. | Saya berharap bisa mengerjakan ujian dengan baik   |        |   |   |    |     |
| 16. | Saya pasti bisa mengerjakan ujian dengan baik  |        |   |   |    |     |
| 17. | Saya bisa mengerjakan ujian tanpa bantuan dari teman                                     |        |   |   |    |     |
| 18. | Saya merasa bisa memenuhi standar ketuntasan minimal                                     |        |   |   |    |     |
| 19. | Saya siap ketika akan diadakan ujian   |        |   |   |    |     |

|     |  |  |  |  |  |  |
|-----|--|--|--|--|--|--|
| 20. | Saya bersedia mengikuti kegiatan tambahan belajar agar nilai ujian saya lebih baik                                 |  |  |  |  |  |
| 21. | Saya tetap belajar dengan tekun meskipun hasil ujian kemarin tidak maksimal  |  |  |  |  |  |
| 22. | Saya merasa ujian semester kali ini terasa sangat sulit  |  |  |  |  |  |
| 23. | Menurut saya, menyamakan jawaban dengan teman saat ujian membuat saya merasa lebih baik                            |  |  |  |  |  |
| 24. | Saat ujian saya selalu melihat jawaban teman   |  |  |  |  |  |
| 25. | Saya tidak siap ketika akan diadakan ulangan dadakan   |  |  |  |  |  |
| 26. | Saya merasa khawatir tidak bisa mengerjakan ujian semester ini dengan maksimal                                     |  |  |  |  |  |
| 27. | Saya merasa bersalah dan sedih ketika mendapat hasil ujian yang kurang memuaskan                                   |  |  |  |  |  |
| 28. | Saya berharap ujian kali ini berpihak kepada saya  |  |  |  |  |  |
| 29. | Saya dapat melewati ujian dengan mudah   |  |  |  |  |  |
| 30. | Menurut saya, mencontek saat ujian tidak ada gunanya   |  |  |  |  |  |
| 31. | Saya merasa ujian kali ini bisa mendapat nilai diatas rata-rata  |  |  |  |  |  |
| 32. | Saya tidak khawatir dengan ujian yang akan berlangsung   |  |  |  |  |  |
| 33. | Kecil harapan saya untuk bisa mengerjakan ujian semester ini dengan maksimal                                       |  |  |  |  |  |
| 34. | Saya merasa gelisah ketika akan diadakan ujian   |  |  |  |  |  |
| 35. | Saya lebih merasa yakin dengan hasil ujian yang diperoleh dari melihat jawaban teman daripada jawaban saya sendiri |  |  |  |  |  |
| 36. | Ujian yang semakin dekat tetap membuat saya merasa tidak siap untuk menghadapinya                                  |  |  |  |  |  |
| 37. | Saya merasa putus asa ketika saya tidak menguasai materi yang akan diujikan  |  |  |  |  |  |
| 38. | Saya merasa bersalah apabila tidak   |  |  |  |  |  |

|     |   |  |  |  |  |  |
|-----|---|--|--|--|--|--|
|     | bisa menjawab soal dengan baik  |  |  |  |  |  |
| 39. | Saya yakin bisa mengerjakan ujian meskipun materi yang diujikan sulit                 |  |  |  |  |  |
| 40. | Saya yakin bisa mengerjakan ujian yang diberikan                                      |  |  |  |  |  |
| 41. | Saya merasa bisa mendapat ranking   |  |  |  |  |  |
| 42. | Saya akan berusaha menjawab semua soal ujian yang diberikan                           |  |  |  |  |  |
| 43. | Pelajaran tambahan sangat penting bagi saya untuk bisa mendapat nilai yang lebih baik |  |  |  |  |  |
| 44. | Saya tidak yakin akan mampu menyelesaikan ujian dengan baik                           |  |  |  |  |  |
| 45. | Ujian kenaikan kelas besok terasa sulit bagi saya                                     |  |  |  |  |  |
| 46. | Saya merasa kemampuan akademik saya dibawah teman-teman saya                          |  |  |  |  |  |
| 47. | Saya tidak mengikuti les tambahan karena buang-buang waktu                            |  |  |  |  |  |
| 48. | Ketika ujian berlangsung, saya merasa tidak pernah mengganggu teman yang lain         |  |  |  |  |  |
| 49. | Saya harus rajin belajar dan membaca  |  |  |  |  |  |
| 50. | Saya merasa tenang apabila duduk berdekatan dengan teman yang lebih pandai saat ujian |  |  |  |  |  |

☺ TERIMA KASIH ☺



### Lampiran 5. Perhitungan Validitas Skala Emosi Positif

| Sby | Pernyataan |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-----|------------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
|     | 1          | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| 1   | 2          | 3 | 2 | 4 | 4 | 3 | 3 | 3 | 2 | 3  | 2  | 2  | 3  | 2  | 2  | 3  | 3  | 2  | 3  | 3  | 2  | 3  | 2  | 3  | 2  |
| 2   | 2          | 2 | 2 | 4 | 4 | 3 | 2 | 3 | 2 | 2  | 3  | 3  | 3  | 2  | 2  | 3  | 3  | 2  | 3  | 3  | 2  | 2  | 3  | 2  | 3  |
| 3   | 3          | 3 | 2 | 4 | 4 | 4 | 4 | 4 | 3 | 3  | 2  | 2  | 4  | 3  | 2  | 3  | 4  | 2  | 3  | 4  | 4  | 4  | 0  | 3  | 2  |
| 4   | 3          | 3 | 2 | 4 | 4 | 4 | 2 | 4 | 2 | 2  | 2  | 2  | 2  | 4  | 4  | 4  | 4  | 3  | 4  | 4  | 3  | 2  | 2  | 3  | 4  |
| 5   | 3          | 2 | 2 | 4 | 4 | 3 | 3 | 4 | 3 | 2  | 3  | 3  | 3  | 1  | 3  | 4  | 3  | 2  | 4  | 3  | 4  | 2  | 1  | 3  | 0  |
| 6   | 3          | 3 | 2 | 4 | 4 | 4 | 4 | 4 | 0 | 0  | 2  | 2  | 4  | 4  | 3  | 3  | 4  | 3  | 4  | 4  | 2  | 3  | 0  | 2  | 3  |
| 7   | 2          | 3 | 1 | 4 | 1 | 4 | 2 | 4 | 2 | 4  | 3  | 3  | 4  | 2  | 2  | 4  | 4  | 2  | 4  | 4  | 2  | 2  | 2  | 3  | 3  |
| 8   | 3          | 3 | 2 | 4 | 4 | 3 | 3 | 4 | 3 | 3  | 2  | 2  | 3  | 3  | 3  | 4  | 3  | 2  | 3  | 3  | 2  | 3  | 2  | 3  | 2  |
| 9   | 3          | 3 | 2 | 4 | 3 | 3 | 4 | 4 | 4 | 3  | 3  | 3  | 4  | 3  | 4  | 3  | 4  | 4  | 4  | 4  | 3  | 4  | 3  | 2  | 4  |
| 10  | 2          | 3 | 2 | 4 | 4 | 3 | 2 | 4 | 2 | 2  | 3  | 3  | 3  | 4  | 2  | 3  | 4  | 2  | 3  | 3  | 2  | 3  | 2  | 3  | 2  |
| 11  | 2          | 4 | 2 | 4 | 4 | 3 | 2 | 2 | 2 | 2  | 3  | 2  | 2  | 3  | 1  | 4  | 3  | 2  | 2  | 3  | 2  | 3  | 0  | 3  | 2  |
| 12  | 4          | 2 | 4 | 4 | 2 | 4 | 4 | 4 | 3 | 2  | 2  | 2  | 3  | 3  | 3  | 2  | 3  | 3  | 4  | 4  | 2  | 4  | 4  | 4  | 2  |
| 13  | 2          | 3 | 3 | 4 | 3 | 2 | 3 | 4 | 2 | 3  | 3  | 1  | 3  | 4  | 3  | 4  | 4  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  |
| 14  | 2          | 2 | 2 | 4 | 4 | 3 | 2 | 3 | 3 | 2  | 2  | 2  | 3  | 3  | 2  | 3  | 2  | 2  | 3  | 4  | 2  | 2  | 2  | 2  | 2  |
| 15  | 2          | 2 | 3 | 3 | 3 | 2 | 2 | 3 | 2 | 3  | 2  | 2  | 3  | 3  | 1  | 2  | 2  | 2  | 3  | 3  | 2  | 2  | 2  | 2  | 2  |
| 16  | 3          | 4 | 2 | 4 | 4 | 2 | 3 | 4 | 2 | 3  | 2  | 2  | 4  | 3  | 2  | 4  | 4  | 2  | 4  | 3  | 2  | 4  | 1  | 2  | 1  |
| 17  | 2          | 3 | 2 | 4 | 3 | 3 | 3 | 2 | 2 | 2  | 2  | 2  | 4  | 3  | 2  | 3  | 4  | 2  | 4  | 3  | 2  | 4  | 2  | 1  | 2  |
| 18  | 1          | 2 | 3 | 4 | 1 | 3 | 4 | 4 | 2 | 2  | 2  | 2  | 3  | 4  | 1  | 3  | 4  | 2  | 4  | 3  | 2  | 3  | 2  | 3  | 2  |
| 19  | 2          | 1 | 2 | 4 | 4 | 3 | 3 | 2 | 2 | 3  | 2  | 2  | 4  | 1  | 2  | 3  | 4  | 3  | 4  | 4  | 1  | 3  | 0  | 3  | 1  |
| 20  | 3          | 2 | 4 | 4 | 4 | 2 | 4 | 4 | 3 | 2  | 3  | 3  | 4  | 2  | 3  | 4  | 4  | 2  | 3  | 2  | 2  | 4  | 2  | 2  | 3  |
| 21  | 3          | 3 | 3 | 4 | 4 | 3 | 3 | 3 | 2 | 2  | 2  | 2  | 3  | 3  | 2  | 3  | 3  | 3  | 4  | 3  | 2  | 3  | 2  | 2  | 2  |
| 22  | 2          | 0 | 2 | 4 | 4 | 3 | 3 | 4 | 2 | 1  | 3  | 3  | 3  | 3  | 2  | 2  | 4  | 2  | 3  | 3  | 2  | 3  | 2  | 1  | 3  |
| 23  | 2          | 3 | 2 | 3 | 3 | 3 | 3 | 4 | 2 | 2  | 3  | 3  | 3  | 3  | 1  | 2  | 2  | 2  | 3  | 3  | 3  | 3  | 0  | 3  | 2  |
| 24  | 3          | 3 | 1 | 4 | 2 | 3 | 3 | 3 | 4 | 0  | 2  | 2  | 4  | 4  | 2  | 3  | 3  | 4  | 4  | 3  | 2  | 3  | 0  | 2  | 4  |
| 25  | 2          | 3 | 1 | 4 | 4 | 3 | 3 | 3 | 2 | 3  | 1  | 1  | 4  | 3  | 3  | 3  | 4  | 2  | 3  | 3  | 2  | 3  | 2  | 3  | 2  |
| 26  | 2          | 3 | 2 | 4 | 4 | 4 | 2 | 2 | 2 | 3  | 3  | 3  | 3  | 2  | 2  | 3  | 4  | 2  | 4  | 3  | 3  | 3  | 2  | 2  | 2  |
| 27  | 3          | 2 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2  | 2  | 2  | 3  | 2  | 2  | 4  | 3  | 2  | 3  | 2  | 2  | 2  | 1  | 2  | 2  |
| 28  | 2          | 3 | 2 | 4 | 1 | 4 | 3 | 2 | 2 | 1  | 2  | 2  | 3  | 2  | 2  | 2  | 3  | 2  | 3  | 3  | 2  | 3  | 2  | 2  | 2  |
| 29  | 2          | 3 | 2 | 4 | 1 | 4 | 3 | 2 | 2 | 1  | 2  | 2  | 3  | 2  | 2  | 2  | 3  | 2  | 3  | 3  | 2  | 3  | 2  | 2  | 2  |
| 30  | 3          | 4 | 2 | 4 | 4 | 3 | 3 | 3 | 3 | 3  | 3  | 3  | 3  | 2  | 3  | 2  | 4  | 3  | 3  | 2  | 2  | 3  | 3  | 0  | 2  |
| 31  | 3          | 3 | 3 | 4 | 3 | 3 | 2 | 2 | 2 | 2  | 3  | 3  | 3  | 3  | 2  | 2  | 3  | 2  | 3  | 3  | 3  | 3  | 2  | 2  | 2  |
| 32  | 1          | 3 | 1 | 4 | 3 | 3 | 3 | 2 | 2 | 3  | 3  | 3  | 3  | 1  | 2  | 4  | 4  | 3  | 3  | 3  | 2  | 3  | 2  | 3  | 2  |
| 33  | 2          | 1 | 1 | 4 | 3 | 2 | 3 | 4 | 2 | 3  | 3  | 3  | 3  | 4  | 2  | 4  | 4  | 2  | 4  | 3  | 2  | 4  | 1  | 3  | 2  |
| 34  | 2          | 4 | 2 | 4 | 4 | 3 | 3 | 4 | 3 | 3  | 2  | 2  | 3  | 4  | 3  | 2  | 4  | 4  | 4  | 3  | 2  | 4  | 2  | 2  | 2  |
| 35  | 2          | 4 | 2 | 4 | 4 | 3 | 3 | 4 | 3 | 3  | 2  | 2  | 3  | 3  | 3  | 2  | 4  | 3  | 4  | 3  | 2  | 3  | 2  | 2  | 2  |
| 36  | 2          | 3 | 2 | 4 | 4 | 3 | 3 | 4 | 3 | 3  | 2  | 2  | 3  | 4  | 3  | 3  | 4  | 3  | 4  | 3  | 2  | 3  | 2  | 2  | 2  |
| 37  | 2          | 4 | 2 | 4 | 3 | 4 | 3 | 3 | 2 | 2  | 3  | 3  | 4  | 4  | 1  | 2  | 4  | 1  | 2  | 4  | 2  | 3  | 0  | 2  | 1  |
| 38  | 2          | 3 | 2 | 4 | 3 | 2 | 3 | 4 | 3 | 2  | 3  | 3  | 2  | 2  | 2  | 3  | 3  | 3  | 4  | 3  | 3  | 3  | 1  | 3  | 1  |
| 39  | 2          | 3 | 2 | 4 | 3 | 2 | 3 | 3 | 2 | 3  | 3  | 3  | 4  | 4  | 2  | 3  | 4  | 2  | 3  | 2  | 2  | 1  | 1  | 3  | 2  |
| 40  | 2          | 4 | 2 | 4 | 3 | 3 | 3 | 3 | 2 | 3  | 1  | 1  | 2  | 2  | 3  | 3  | 3  | 2  | 3  | 3  | 2  | 3  | 0  | 2  | 2  |

## Lanjutan

| Pernyataan |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     | Total |
|------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-------|
| 26         | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |     |       |
| 1          | 4  | 1  | 3  | 3  | 3  | 2  | 3  | 3  | 2  | 3  | 1  | 4  | 4  | 2  | 4  | 3  | 3  | 2  | 2  | 3  | 3  | 3  | 2  | 2  | 132 |       |
| 3          | 3  | 1  | 3  | 3  | 2  | 2  | 2  | 2  | 3  | 3  | 2  | 3  | 3  | 2  | 3  | 3  | 3  | 2  | 3  | 3  | 2  | 2  | 3  | 3  | 129 |       |
| 1          | 4  | 1  | 2  | 4  | 3  | 3  | 3  | 3  | 4  | 4  | 1  | 3  | 4  | 3  | 4  | 4  | 3  | 3  | 2  | 4  | 3  | 3  | 3  | 3  | 151 |       |
| 2          | 3  | 2  | 2  | 3  | 4  | 3  | 3  | 4  | 2  | 3  | 2  | 3  | 4  | 4  | 4  | 2  | 3  | 4  | 2  | 2  | 4  | 4  | 4  | 4  | 154 |       |
| 2          | 1  | 0  | 2  | 1  | 3  | 4  | 4  | 4  | 3  | 2  | 0  | 0  | 1  | 1  | 2  | 3  | 4  | 4  | 2  | 3  | 0  | 0  | 1  | 0  | 116 |       |
| 0          | 2  | 0  | 1  | 4  | 4  | 3  | 2  | 4  | 4  | 4  | 2  | 3  | 3  | 4  | 3  | 3  | 2  | 1  | 2  | 2  | 2  | 3  | 2  | 3  | 134 |       |
| 2          | 3  | 2  | 2  | 3  | 4  | 3  | 4  | 4  | 2  | 4  | 2  | 3  | 3  | 2  | 3  | 2  | 4  | 2  | 2  | 4  | 3  | 3  | 3  | 3  | 143 |       |
| 1          | 4  | 1  | 3  | 3  | 3  | 2  | 3  | 3  | 2  | 3  | 1  | 3  | 3  | 2  | 3  | 3  | 3  | 2  | 2  | 3  | 2  | 3  | 2  | 2  | 134 |       |
| 2          | 4  | 1  | 2  | 3  | 4  | 3  | 3  | 3  | 2  | 4  | 3  | 4  | 4  | 2  | 4  | 4  | 3  | 4  | 2  | 3  | 4  | 4  | 3  | 4  | 164 |       |
| 2          | 3  | 1  | 3  | 3  | 4  | 2  | 3  | 2  | 2  | 3  | 2  | 3  | 3  | 2  | 3  | 3  | 3  | 2  | 2  | 4  | 3  | 4  | 2  | 4  | 138 |       |
| 2          | 4  | 2  | 1  | 2  | 3  | 2  | 4  | 4  | 2  | 4  | 1  | 3  | 3  | 3  | 2  | 3  | 3  | 2  | 2  | 4  | 3  | 1  | 2  | 3  | 127 |       |
| 4          | 3  | 0  | 4  | 4  | 2  | 4  | 4  | 1  | 3  | 3  | 4  | 4  | 4  | 2  | 4  | 4  | 4  | 4  | 4  | 3  | 4  | 2  | 4  | 4  | 161 |       |
| 3          | 3  | 1  | 2  | 3  | 3  | 3  | 4  | 4  | 2  | 3  | 2  | 3  | 2  | 2  | 3  | 3  | 4  | 2  | 2  | 3  | 3  | 3  | 1  | 3  | 134 |       |
| 3          | 3  | 3  | 3  | 3  | 3  | 3  | 2  | 2  | 2  | 2  | 3  | 3  | 3  | 3  | 3  | 2  | 2  | 2  | 2  | 2  | 3  | 3  | 3  | 3  | 129 |       |
| 3          | 3  | 1  | 2  | 3  | 3  | 3  | 2  | 2  | 2  | 2  | 2  | 3  | 3  | 2  | 3  | 3  | 2  | 2  | 1  | 3  | 2  | 3  | 3  | 3  | 119 |       |
| 1          | 4  | 2  | 3  | 4  | 4  | 1  | 4  | 2  | 4  | 4  | 2  | 3  | 4  | 2  | 3  | 4  | 2  | 2  | 3  | 4  | 3  | 4  | 2  | 4  | 146 |       |
| 1          | 3  | 1  | 2  | 3  | 2  | 1  | 2  | 3  | 3  | 3  | 2  | 3  | 3  | 1  | 2  | 4  | 3  | 2  | 2  | 3  | 3  | 3  | 3  | 3  | 127 |       |
| 2          | 4  | 1  | 2  | 4  | 4  | 1  | 3  | 3  | 2  | 3  | 2  | 3  | 4  | 2  | 4  | 3  | 3  | 2  | 2  | 3  | 4  | 4  | 2  | 3  | 136 |       |
| 4          | 4  | 0  | 1  | 3  | 0  | 2  | 2  | 3  | 1  | 0  | 3  | 4  | 4  | 1  | 4  | 3  | 2  | 2  | 2  | 4  | 2  | 1  | 2  | 4  | 121 |       |
| 2          | 1  | 1  | 2  | 2  | 2  | 1  | 4  | 4  | 4  | 4  | 2  | 3  | 2  | 4  | 2  | 4  | 4  | 2  | 4  | 2  | 2  | 2  | 4  | 2  | 141 |       |
| 2          | 3  | 1  | 2  | 3  | 2  | 3  | 3  | 2  | 3  | 3  | 2  | 3  | 3  | 3  | 3  | 3  | 3  | 2  | 3  | 3  | 2  | 2  | 2  | 2  | 132 |       |
| 3          | 4  | 3  | 2  | 3  | 4  | 2  | 3  | 4  | 3  | 2  | 0  | 3  | 3  | 2  | 3  | 2  | 2  | 1  | 1  | 4  | 3  | 4  | 2  | 2  | 129 |       |
| 0          | 2  | 2  | 3  | 3  | 1  | 2  | 3  | 3  | 2  | 3  | 1  | 3  | 2  | 2  | 3  | 3  | 4  | 3  | 2  | 2  | 4  | 3  | 4  | 2  | 125 |       |
| 2          | 3  | 0  | 2  | 4  | 2  | 4  | 3  | 3  | 2  | 3  | 3  | 4  | 4  | 4  | 4  | 4  | 4  | 3  | 2  | 3  | 4  | 4  | 2  | 4  | 145 |       |
| 1          | 4  | 1  | 2  | 3  | 3  | 3  | 3  | 2  | 3  | 2  | 1  | 3  | 4  | 3  | 3  | 3  | 3  | 2  | 2  | 3  | 3  | 3  | 2  | 4  | 133 |       |
| 2          | 3  | 1  | 3  | 3  | 4  | 2  | 3  | 4  | 2  | 3  | 2  | 2  | 3  | 4  | 4  | 3  | 2  | 2  | 2  | 4  | 3  | 4  | 2  | 2  | 138 |       |
| 2          | 3  | 0  | 2  | 3  | 3  | 2  | 3  | 4  | 3  | 3  | 2  | 2  | 3  | 2  | 3  | 3  | 3  | 2  | 3  | 3  | 2  | 3  | 2  | 3  | 122 |       |
| 3          | 3  | 1  | 3  | 3  | 2  | 2  | 3  | 4  | 2  | 3  | 2  | 3  | 2  | 2  | 3  | 3  | 2  | 2  | 2  | 2  | 3  | 2  | 2  | 3  | 121 |       |
| 3          | 3  | 1  | 3  | 3  | 2  | 2  | 3  | 4  | 2  | 3  | 2  | 3  | 2  | 2  | 3  | 3  | 2  | 2  | 2  | 2  | 3  | 2  | 2  | 3  | 121 |       |
| 3          | 4  | 1  | 2  | 3  | 3  | 1  | 2  | 4  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 2  | 3  | 2  | 3  | 2  | 3  | 2  | 3  | 137 |       |
| 3          | 3  | 2  | 2  | 2  | 3  | 3  | 3  | 4  | 3  | 3  | 2  | 3  | 3  | 3  | 4  | 2  | 3  | 2  | 2  | 2  | 3  | 3  | 4  | 4  | 137 |       |
| 3          | 3  | 1  | 2  | 3  | 3  | 2  | 4  | 3  | 2  | 3  | 2  | 3  | 3  | 2  | 3  | 1  | 3  | 2  | 3  | 3  | 3  | 3  | 3  | 3  | 132 |       |
| 3          | 3  | 3  | 2  | 3  | 3  | 3  | 4  | 3  | 2  | 2  | 2  | 3  | 3  | 2  | 3  | 3  | 4  | 2  | 2  | 1  | 3  | 4  | 2  | 3  | 137 |       |
| 2          | 4  | 1  | 2  | 4  | 4  | 2  | 2  | 3  | 2  | 3  | 2  | 4  | 4  | 2  | 4  | 4  | 2  | 3  | 2  | 3  | 2  | 3  | 3  | 4  | 146 |       |
| 1          | 4  | 1  | 2  | 3  | 4  | 3  | 2  | 3  | 2  | 3  | 2  | 4  | 4  | 2  | 2  | 4  | 2  | 3  | 2  | 4  | 3  | 4  | 3  | 4  | 143 |       |
| 2          | 4  | 1  | 2  | 3  | 4  | 3  | 2  | 3  | 2  | 4  | 2  | 3  | 4  | 2  | 4  | 4  | 2  | 2  | 2  | 4  | 2  | 4  | 3  | 3  | 144 |       |
| 2          | 4  | 1  | 2  | 3  | 4  | 2  | 2  | 3  | 1  | 4  | 2  | 3  | 3  | 2  | 3  | 3  | 4  | 2  | 2  | 4  | 2  | 3  | 1  | 3  | 130 |       |
| 2          | 3  | 1  | 2  | 3  | 1  | 3  | 3  | 2  | 1  | 3  | 2  | 3  | 2  | 2  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 1  | 2  | 3  | 127 |       |
| 4          | 4  | 4  | 2  | 2  | 4  | 3  | 1  | 1  | 2  | 2  | 1  | 2  | 3  | 2  | 2  | 3  | 2  | 1  | 1  | 0  | 3  | 4  | 2  | 2  | 123 |       |
| 1          | 4  | 1  | 1  | 3  | 2  | 2  | 3  | 3  | 3  | 3  | 1  | 2  | 3  | 2  | 3  | 3  | 2  | 2  | 2  | 1  | 3  | 2  | 3  | 4  | 120 |       |

Lanjutan

|                 |       |        |        |        |        |        |        |       |        |        |        |        |        |       |        |        |       |       |        |        |        |        |        |        |        |
|-----------------|-------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|-------|--------|--------|-------|-------|--------|--------|--------|--------|--------|--------|--------|
| 41              | 2     | 4      | 2      | 2      | 4      | 3      | 3      | 2     | 2      | 2      | 2      | 3      | 3      | 3     | 2      | 2      | 4     | 2     | 2      | 2      | 2      | 4      | 0      | 2      | 1      |
| 42              | 3     | 3      | 2      | 4      | 4      | 4      | 4      | 4     | 4      | 2      | 2      | 2      | 4      | 4     | 2      | 2      | 2     | 3     | 4      | 4      | 2      | 3      | 4      | 4      | 3      |
| 43              | 3     | 4      | 2      | 3      | 4      | 4      | 4      | 4     | 3      | 2      | 3      | 3      | 3      | 3     | 2      | 4      | 4     | 2     | 2      | 4      | 2      | 3      | 0      | 3      | 2      |
| 44              | 2     | 3      | 3      | 4      | 4      | 2      | 3      | 4     | 2      | 3      | 3      | 3      | 3      | 3     | 2      | 2      | 3     | 2     | 3      | 2      | 2      | 2      | 1      | 1      | 1      |
| 45              | 3     | 4      | 1      | 4      | 3      | 4      | 2      | 2     | 3      | 2      | 3      | 4      | 3      | 2     | 4      | 3      | 3     | 4     | 4      | 4      | 3      | 3      | 4      | 1      | 3      |
| 46              | 3     | 2      | 2      | 4      | 4      | 4      | 2      | 3     | 4      | 3      | 3      | 3      | 4      | 3     | 3      | 2      | 3     | 3     | 4      | 4      | 2      | 2      | 2      | 2      | 3      |
| 47              | 3     | 2      | 1      | 4      | 4      | 4      | 3      | 3     | 3      | 4      | 2      | 2      | 3      | 4     | 2      | 3      | 4     | 2     | 2      | 3      | 2      | 3      | 2      | 3      | 2      |
| 48              | 2     | 3      | 2      | 3      | 4      | 2      | 3      | 4     | 2      | 2      | 2      | 2      | 4      | 2     | 2      | 3      | 4     | 2     | 3      | 3      | 3      | 3      | 0      | 2      | 2      |
| 49              | 2     | 1      | 3      | 4      | 3      | 4      | 3      | 2     | 2      | 2      | 4      | 1      | 2      | 2     | 2      | 4      | 3     | 3     | 4      | 4      | 2      | 2      | 2      | 3      | 2      |
| 50              | 2     | 1      | 2      | 4      | 4      | 1      | 4      | 3     | 2      | 4      | 2      | 2      | 4      | 1     | 2      | 2      | 4     | 2     | 4      | 1      | 3      | 4      | 0      | 2      | 2      |
| 51              | 2     | 1      | 1      | 4      | 4      | 1      | 3      | 2     | 2      | 3      | 2      | 2      | 3      | 4     | 2      | 3      | 3     | 3     | 3      | 1      | 1      | 3      | 1      | 2      | 2      |
| 52              | 2     | 1      | 1      | 4      | 4      | 1      | 1      | 3     | 0      | 3      | 2      | 2      | 3      | 2     | 2      | 2      | 4     | 2     | 2      | 1      | 1      | 3      | 0      | 2      | 0      |
| 53              | 2     | 1      | 1      | 4      | 4      | 1      | 2      | 3     | 0      | 3      | 2      | 2      | 4      | 1     | 2      | 3      | 4     | 2     | 2      | 1      | 1      | 3      | 0      | 2      | 0      |
| 54              | 2     | 4      | 2      | 4      | 4      | 0      | 4      | 3     | 2      | 4      | 3      | 3      | 4      | 3     | 2      | 4      | 4     | 3     | 4      | 0      | 2      | 3      | 1      | 3      | 0      |
| 55              | 1     | 2      | 2      | 4      | 4      | 3      | 2      | 3     | 3      | 2      | 2      | 2      | 3      | 2     | 2      | 4      | 3     | 1     | 2      | 3      | 2      | 3      | 3      | 2      | 1      |
| 56              | 1     | 2      | 1      | 4      | 4      | 2      | 2      | 3     | 2      | 2      | 3      | 3      | 3      | 2     | 1      | 1      | 3     | 2     | 4      | 2      | 2      | 3      | 1      | 1      | 0      |
| 57              | 2     | 3      | 2      | 4      | 4      | 4      | 2      | 4     | 1      | 3      | 2      | 2      | 4      | 4     | 1      | 4      | 4     | 2     | 3      | 4      | 4      | 4      | 0      | 2      | 1      |
| 58              | 3     | 2      | 3      | 4      | 4      | 3      | 3      | 3     | 3      | 3      | 3      | 3      | 3      | 3     | 3      | 3      | 3     | 3     | 3      | 4      | 2      | 3      | 2      | 2      | 3      |
| 59              | 2     | 3      | 2      | 4      | 4      | 3      | 3      | 3     | 2      | 2      | 2      | 2      | 3      | 2     | 2      | 4      | 3     | 2     | 2      | 3      | 2      | 2      | 1      | 2      | 0      |
| 60              | 3     | 4      | 2      | 4      | 4      | 3      | 3      | 3     | 3      | 1      | 2      | 2      | 3      | 1     | 2      | 4      | 4     | 3     | 2      | 3      | 2      | 3      | 2      | 2      | 1      |
| 61              | 2     | 2      | 2      | 4      | 3      | 3      | 3      | 3     | 2      | 2      | 3      | 3      | 3      | 2     | 1      | 1      | 3     | 2     | 4      | 3      | 3      | 3      | 1      | 2      | 2      |
| 62              | 3     | 3      | 2      | 4      | 4      | 3      | 3      | 3     | 3      | 3      | 3      | 3      | 4      | 3     | 3      | 4      | 3     | 3     | 3      | 3      | 2      | 3      | 2      | 3      | 2      |
| 63              | 3     | 2      | 3      | 4      | 4      | 4      | 3      | 4     | 2      | 3      | 2      | 2      | 2      | 3     | 2      | 3      | 3     | 3     | 4      | 4      | 2      | 4      | 2      | 2      | 1      |
| 64              | 2     | 2      | 3      | 4      | 2      | 3      | 4      | 3     | 2      | 3      | 2      | 2      | 2      | 3     | 2      | 4      | 3     | 1     | 3      | 3      | 2      | 3      | 2      | 3      | 2      |
| 65              | 2     | 3      | 2      | 3      | 3      | 3      | 2      | 3     | 2      | 3      | 2      | 2      | 3      | 2     | 2      | 3      | 3     | 2     | 3      | 3      | 2      | 3      | 2      | 4      | 1      |
| 66              | 2     | 3      | 2      | 4      | 4      | 2      | 3      | 3     | 1      | 3      | 2      | 2      | 3      | 3     | 2      | 3      | 3     | 2     | 4      | 3      | 3      | 3      | 1      | 2      | 2      |
| 67              | 3     | 4      | 3      | 4      | 4      | 4      | 3      | 4     | 2      | 3      | 0      | 0      | 4      | 3     | 2      | 2      | 4     | 2     | 2      | 3      | 4      | 0      | 0      | 0      | 0      |
| 68              | 2     | 3      | 3      | 4      | 4      | 3      | 3      | 4     | 1      | 1      | 2      | 2      | 3      | 3     | 2      | 4      | 4     | 3     | 4      | 4      | 2      | 3      | 1      | 2      | 1      |
| 69              | 3     | 4      | 1      | 4      | 3      | 3      | 2      | 3     | 2      | 3      | 2      | 2      | 3      | 2     | 2      | 4      | 0     | 2     | 3      | 0      | 3      | 1      | 2      | 0      |        |
| 70              | 1     | 3      | 2      | 4      | 4      | 2      | 2      | 2     | 2      | 3      | 1      | 1      | 3      | 4     | 1      | 2      | 4     | 2     | 3      | 2      | 1      | 4      | 1      | 2      | 0      |
| 71              | 3     | 2      | 3      | 4      | 3      | 4      | 4      | 3     | 2      | 2      | 2      | 2      | 3      | 3     | 2      | 3      | 4     | 3     | 3      | 3      | 2      | 3      | 2      | 2      | 1      |
| 72              | 2     | 3      | 1      | 4      | 3      | 3      | 3      | 0     | 3      | 2      | 2      | 2      | 4      | 4     | 2      | 4      | 4     | 4     | 4      | 4      | 2      | 3      | 3      | 3      | 2      |
| 73              | 3     | 4      | 2      | 4      | 4      | 4      | 4      | 4     | 4      | 3      | 4      | 4      | 4      | 3     | 3      | 4      | 3     | 4     | 4      | 4      | 3      | 4      | 4      | 4      | 4      |
| 74              | 3     | 4      | 2      | 4      | 3      | 2      | 4      | 4     | 1      | 0      | 0      | 1      | 4      | 3     | 4      | 1      | 4     | 3     | 4      | 4      | 4      | 4      | 0      | 4      | 4      |
| 75              | 3     | 4      | 2      | 4      | 1      | 4      | 3      | 3     | 2      | 2      | 2      | 0      | 3      | 2     | 3      | 4      | 4     | 4     | 3      | 4      | 4      | 3      | 1      | 3      | 2      |
| 76              | 3     | 4      | 4      | 4      | 2      | 4      | 4      | 4     | 3      | 3      | 3      | 3      | 4      | 4     | 4      | 3      | 3     | 3     | 4      | 4      | 2      | 3      | 3      | 2      | 2      |
| 77              | 2     | 1      | 2      | 4      | 1      | 4      | 3      | 4     | 1      | 4      | 2      | 2      | 4      | 0     | 2      | 4      | 4     | 2     | 4      | 4      | 2      | 4      | 2      | 2      | 2      |
| 78              | 2     | 3      | 4      | 4      | 4      | 4      | 3      | 3     | 3      | 3      | 2      | 2      | 4      | 2     | 2      | 3      | 4     | 2     | 4      | 4      | 3      | 4      | 1      | 2      | 2      |
| 79              | 3     | 4      | 4      | 4      | 4      | 2      | 4      | 4     | 2      | 3      | 3      | 3      | 4      | 4     | 3      | 3      | 3     | 4     | 4      | 2      | 2      | 3      | 2      | 4      | 2      |
| 80              | 2     | 3      | 3      | 4      | 4      | 4      | 4      | 4     | 3      | 2      | 4      | 4      | 4      | 3     | 2      | 4      | 4     | 4     | 3      | 4      | 4      | 4      | 3      | 3      | 2      |
| ΣX              | 187   | 223    | 172    | 312    | 273    | 239    | 236    | 257   | 181    | 196    | 188    | 183    | 262    | 221   | 179    | 240    | 280   | 196   | 263    | 245    | 180    | 241    | 123    | 188    | 148    |
| ΣX <sup>2</sup> | 467   | 695    | 416    | 1226   | 995    | 779    | 736    | 879   | 463    | 538    | 484    | 465    | 888    | 681   | 443    | 778    | 1008  | 530   | 907    | 811    | 450    | 769    | 281    | 494    | 350    |
| ΣXY             | 25284 | 30155  | 23222  | 41728  | 36471  | 32344  | 31917  | 34685 | 24658  | 26228  | 25342  | 24691  | 35238  | 29891 | 24304  | 32329  | 37502 | 26653 | 35425  | 33193  | 24371  | 32434  | 16972  | 25404  | 20400  |
| nX              | 0.45  | 0.3458 | 0.2918 | 0.1111 | -0.005 | 0.4198 | 0.5023 | 0.391 | 0.5343 | 0.0433 | 0.2827 | 0.2903 | 0.3487 | 0.356 | 0.4898 | 0.2835 | 0.141 | 0.543 | 0.3607 | 0.4845 | 0.3941 | 0.2934 | 0.4623 | 0.3249 | 0.5904 |
| Ket             | Valid | Valid  | Gugur  | Gugur  | Gugur  | Valid  | Valid  | Valid | Valid  | Gugur  | Gugur  | Gugur  | Valid  | Valid | Valid  | Gugur  | Gugur | Valid | Valid  | Valid  | Valid  | Gugur  | Valid  | Valid  | Valid  |

Lanjutan

|        |        |        |        |        |        |        |       |       |        |        |        |        |        |        |        |        |        |       |        |        |       |        |        |        |     |
|--------|--------|--------|--------|--------|--------|--------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|-------|--------|--------|--------|-----|
| 2      | 4      | 0      | 1      | 4      | 4      | 3      | 4     | 4     | 0      | 4      | 0      | 4      | 4      | 1      | 4      | 4      | 4      | 2     | 2      | 4      | 4     | 4      | 0      | 1      | 128 |
| 2      | 4      | 2      | 2      | 3      | 2      | 3      | 3     | 3     | 4      | 4      | 2      | 3      | 3      | 2      | 3      | 3      | 3      | 3     | 2      | 4      | 3     | 3      | 1      | 3      | 149 |
| 2      | 3      | 3      | 2      | 3      | 4      | 2      | 4     | 4     | 2      | 4      | 2      | 2      | 3      | 3      | 3      | 2      | 4      | 3     | 3      | 4      | 3     | 4      | 1      | 4      | 147 |
| 3      | 4      | 0      | 2      | 2      | 2      | 3      | 2     | 2     | 2      | 4      | 2      | 3      | 3      | 2      | 3      | 2      | 3      | 2     | 3      | 4      | 2     | 2      | 2      | 3      | 125 |
| 1      | 4      | 1      | 1      | 3      | 1      | 2      | 3     | 3     | 4      | 3      | 3      | 4      | 3      | 2      | 3      | 3      | 3      | 3     | 2      | 4      | 1     | 1      | 4      | 4      | 142 |
| 1      | 4      | 2      | 1      | 2      | 0      | 1      | 3     | 2     | 3      | 3      | 3      | 3      | 3      | 3      | 2      | 2      | 3      | 3     | 2      | 4      | 3     | 3      | 4      | 3      | 137 |
| 1      | 4      | 2      | 3      | 3      | 4      | 3      | 3     | 4     | 2      | 2      | 2      | 3      | 4      | 4      | 4      | 4      | 4      | 2     | 1      | 2      | 3     | 4      | 4      | 1      | 143 |
| 1      | 4      | 1      | 2      | 4      | 4      | 3      | 4     | 3     | 3      | 2      | 2      | 4      | 3      | 2      | 3      | 3      | 4      | 2     | 3      | 4      | 4     | 4      | 3      | 3      | 139 |
| 0      | 3      | 4      | 2      | 3      | 2      | 2      | 3     | 4     | 3      | 3      | 0      | 0      | 4      | 4      | 2      | 1      | 4      | 2     | 3      | 3      | 4     | 2      | 2      | 4      | 130 |
| 2      | 4      | 0      | 2      | 3      | 2      | 0      | 3     | 3     | 3      | 4      | 2      | 4      | 3      | 1      | 3      | 3      | 2      | 1     | 4      | 4      | 3     | 3      | 2      | 4      | 127 |
| 1      | 4      | 0      | 1      | 3      | 4      | 2      | 3     | 2     | 1      | 3      | 1      | 2      | 3      | 2      | 3      | 3      | 3      | 2     | 1      | 3      | 3     | 4      | 2      | 2      | 116 |
| 1      | 3      | 1      | 1      | 3      | 3      | 2      | 2     | 3     | 2      | 1      | 0      | 3      | 3      | 3      | 3      | 3      | 3      | 2     | 2      | 4      | 2     | 3      | 2      | 3      | 106 |
| 1      | 4      | 1      | 1      | 3      | 3      | 2      | 2     | 3     | 2      | 1      | 0      | 3      | 3      | 3      | 3      | 3      | 3      | 1     | 2      | 4      | 2     | 3      | 2      | 3      | 108 |
| 1      | 4      | 1      | 1      | 3      | 4      | 1      | 4     | 4     | 4      | 4      | 2      | 1      | 4      | 1      | 3      | 4      | 4      | 3     | 2      | 4      | 3     | 3      | 1      | 2      | 136 |
| 3      | 4      | 1      | 3      | 2      | 3      | 3      | 4     | 3     | 2      | 4      | 2      | 2      | 3      | 2      | 3      | 2      | 3      | 1     | 2      | 3      | 3     | 3      | 1      | 2      | 125 |
| 2      | 4      | 0      | 2      | 2      | 1      | 2      | 2     | 2     | 2      | 2      | 1      | 3      | 2      | 2      | 2      | 3      | 2      | 2     | 2      | 3      | 2     | 2      | 1      | 4      | 106 |
| 0      | 4      | 0      | 1      | 4      | 4      | 2      | 4     | 4     | 3      | 4      | 0      | 4      | 3      | 1      | 4      | 4      | 4      | 0     | 2      | 4      | 4     | 4      | 1      | 2      | 137 |
| 3      | 3      | 3      | 2      | 3      | 2      | 2      | 3     | 3     | 2      | 2      | 2      | 2      | 3      | 3      | 3      | 3      | 0      | 2     | 2      | 2      | 2     | 2      | 2      | 2      | 132 |
| 0      | 3      | 2      | 2      | 3      | 3      | 2      | 4     | 3     | 2      | 3      | 0      | 0      | 4      | 2      | 2      | 3      | 3      | 2     | 4      | 3      | 2     | 4      | 2      | 3      | 121 |
| 2      | 3      | 1      | 2      | 3      | 3      | 0      | 3     | 3     | 2      | 3      | 0      | 1      | 4      | 2      | 2      | 3      | 3      | 2     | 4      | 3      | 4     | 4      | 2      | 3      | 128 |
| 2      | 4      | 1      | 2      | 2      | 4      | 2      | 2     | 2     | 2      | 2      | 2      | 3      | 2      | 3      | 2      | 2      | 2      | 1     | 1      | 3      | 3     | 3      | 2      | 2      | 118 |
| 3      | 4      | 1      | 1      | 3      | 3      | 3      | 4     | 3     | 1      | 3      | 1      | 2      | 3      | 3      | 3      | 3      | 4      | 3     | 3      | 4      | 3     | 3      | 2      | 4      | 145 |
| 2      | 3      | 0      | 2      | 2      | 1      | 0      | 3     | 4     | 3      | 4      | 0      | 0      | 3      | 1      | 3      | 4      | 2      | 4     | 3      | 4      | 2     | 2      | 1      | 3      | 127 |
| 2      | 3      | 0      | 2      | 2      | 4      | 2      | 3     | 4     | 2      | 2      | 2      | 3      | 2      | 1      | 3      | 3      | 3      | 2     | 2      | 3      | 3     | 4      | 2      | 3      | 127 |
| 1      | 3      | 0      | 3      | 2      | 1      | 3      | 4     | 2     | 3      | 3      | 1      | 4      | 3      | 2      | 2      | 2      | 3      | 1     | 2      | 3      | 3     | 2      | 1      | 3      | 120 |
| 2      | 3      | 0      | 2      | 3      | 3      | 3      | 3     | 4     | 3      | 2      | 2      | 3      | 3      | 3      | 3      | 3      | 3      | 2     | 2      | 4      | 2     | 3      | 2      | 3      | 131 |
| 0      | 4      | 3      | 3      | 3      | 3      | 2      | 2     | 4     | 2      | 4      | 2      | 4      | 2      | 4      | 2      | 3      | 3      | 2     | 2      | 4      | 2     | 4      | 3      | 2      | 129 |
| 1      | 3      | 1      | 1      | 3      | 3      | 1      | 3     | 2     | 2      | 3      | 1      | 1      | 3      | 2      | 3      | 4      | 4      | 3     | 3      | 4      | 2     | 4      | 4      | 4      | 133 |
| 0      | 3      | 1      | 1      | 2      | 4      | 0      | 2     | 4     | 1      | 1      | 1      | 2      | 3      | 4      | 3      | 3      | 2      | 1     | 4      | 4      | 2     | 4      | 1      | 4      | 113 |
| 2      | 4      | 0      | 1      | 4      | 0      | 0      | 2     | 0     | 3      | 3      | 0      | 2      | 4      | 2      | 3      | 4      | 1      | 0     | 4      | 4      | 0     | 0      | 2      | 4      | 105 |
| 2      | 3      | 0      | 2      | 2      | 3      | 2      | 3     | 3     | 2      | 2      | 2      | 2      | 3      | 3      | 3      | 3      | 3      | 2     | 2      | 4      | 2     | 2      | 2      | 2      | 127 |
| 4      | 4      | 2      | 2      | 1      | 3      | 4      | 4     | 2     | 2      | 2      | 3      | 4      | 3      | 2      | 3      | 3      | 4      | 4     | 2      | 2      | 3     | 3      | 2      | 4      | 143 |
| 2      | 4      | 0      | 1      | 3      | 3      | 3      | 4     | 4     | 2      | 4      | 4      | 4      | 4      | 2      | 4      | 4      | 4      | 3     | 2      | 3      | 4     | 4      | 3      | 4      | 171 |
| 1      | 4      | 0      | 2      | 4      | 1      | 4      | 4     | 0     | 4      | 4      | 0      | 3      | 4      | 2      | 3      | 4      | 3      | 3     | 3      | 3      | 1     | 2      | 3      | 3      | 136 |
| 1      | 3      | 2      | 1      | 3      | 1      | 3      | 4     | 4     | 2      | 3      | 2      | 3      | 3      | 4      | 3      | 2      | 3      | 2     | 2      | 3      | 3     | 2      | 3      | 4      | 136 |
| 3      | 4      | 1      | 2      | 4      | 4      | 3      | 3     | 3     | 4      | 3      | 2      | 3      | 4      | 4      | 4      | 3      | 3      | 3     | 3      | 3      | 3     | 4      | 1      | 4      | 160 |
| 2      | 4      | 2      | 2      | 4      | 4      | 3      | 2     | 2     | 2      | 3      | 2      | 3      | 4      | 2      | 3      | 4      | 2      | 2     | 2      | 3      | 3     | 2      | 2      | 4      | 134 |
| 1      | 4      | 1      | 3      | 4      | 2      | 2      | 3     | 4     | 4      | 4      | 2      | 2      | 4      | 4      | 4      | 4      | 3      | 2     | 2      | 4      | 2     | 3      | 4      | 4      | 150 |
| 4      | 2      | 2      | 2      | 2      | 2      | 1      | 3     | 4     | 3      | 4      | 3      | 4      | 4      | 4      | 4      | 3      | 2      | 3     | 3      | 3      | 3     | 2      | 3      | 3      | 153 |
| 2      | 4      | 1      | 1      | 3      | 4      | 3      | 4     | 4     | 4      | 4      | 2      | 2      | 4      | 4      | 4      | 4      | 4      | 4     | 4      | 4      | 4     | 4      | 4      | 4      | 171 |
| 151    | 275    | 92     | 158    | 236    | 226    | 181    | 241   | 243   | 195    | 239    | 135    | 225    | 255    | 195    | 245    | 245    | 235    | 179   | 186    | 255    | 217   | 236    | 185    | 246    |     |
| 369    | 983    | 180    | 350    | 734    | 738    | 483    | 773   | 811   | 535    | 775    | 299    | 709    | 851    | 541    | 783    | 793    | 745    | 459   | 478    | 871    | 647   | 774    | 499    | 818    |     |
| 20326  | 36837  | 12420  | 21194  | 31751  | 30514  | 24515  | 32510 | 32674 | 26351  | 32389  | 18593  | 30358  | 34428  | 26323  | 33090  | 32929  | 31720  | 24452 | 24947  | 34126  | 29387 | 31932  | 25121  | 33177  |     |
| 0.1354 | 0.1256 | 0.1221 | 0.1113 | 0.2928 | 0.2623 | 0.3184 | 0.372 | 0.199 | 0.3164 | 0.4808 | 0.5425 | 0.2787 | 0.4759 | 0.2731 | 0.5117 | 0.2446 | 0.3578 | 0.577 | 0.1161 | 0.0592 | 0.424 | 0.3733 | 0.3934 | 0.3239 |     |
| Gugur  | Gugur  | Gugur  | Gugur  | Gugur  | Gugur  | Valid  | Valid | Gugur | Valid  | Valid  | Valid  | Gugur  | Valid  | Gugur  | Valid  | Gugur  | Valid  | Valid | Gugur  | Gugur  | Valid | Valid  | Valid  | Valid  |     |

### Lampiran 6. Perhitungan Reliabilitas Skala Emosi Positif

| Sby | Pernyataan |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Y | Y <sup>2</sup> |
|-----|------------|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|-------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|----------------|
|     | 1          | 2 | 6 | 7 | 8 | 9 | 13 | 14 | 15 | 18 | 19 | 20 | 21 | 23 | 24 | 25 | 32 | 33 | 35 | 36 | 37 | 39 | 41 | 43 | 44 | 47 | 48 | 49 | 50 |      |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |                |
| 1   | 2          | 3 | 3 | 3 | 3 | 2 | 3  | 2  | 2  | 2  | 3  | 3  | 2  | 2  | 3  | 2  | 2  | 3  | 2  | 3  | 1  | 4  | 4  | 3  | 2  | 3  | 3  | 2  | 2  | 74   | 5476  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |                |
| 2   | 2          | 2 | 3 | 2 | 3 | 2 | 3  | 2  | 2  | 2  | 3  | 3  | 2  | 3  | 2  | 3  | 2  | 2  | 3  | 3  | 2  | 3  | 3  | 3  | 2  | 2  | 2  | 3  | 3  | 72   | 5184  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |                |
| 3   | 3          | 3 | 4 | 4 | 4 | 3 | 4  | 3  | 2  | 2  | 3  | 4  | 4  | 0  | 3  | 2  | 3  | 3  | 4  | 4  | 1  | 4  | 4  | 3  | 3  | 3  | 3  | 3  | 89 | 7921 |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |                |
| 4   | 3          | 3 | 4 | 2 | 4 | 2 | 2  | 4  | 4  | 3  | 4  | 4  | 3  | 2  | 3  | 4  | 3  | 3  | 2  | 3  | 2  | 4  | 4  | 3  | 4  | 4  | 4  | 4  | 95 | 9025 |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |                |
| 5   | 3          | 2 | 3 | 3 | 4 | 3 | 3  | 1  | 3  | 2  | 4  | 3  | 4  | 1  | 3  | 0  | 4  | 4  | 3  | 2  | 0  | 1  | 2  | 4  | 4  | 0  | 0  | 1  | 0  | 67   | 4489  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |                |
| 6   | 3          | 3 | 4 | 4 | 4 | 0 | 4  | 4  | 3  | 3  | 4  | 4  | 2  | 0  | 2  | 3  | 3  | 2  | 4  | 4  | 2  | 3  | 3  | 2  | 1  | 2  | 3  | 2  | 3  | 81   | 6561  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |                |
| 7   | 2          | 3 | 4 | 2 | 4 | 2 | 4  | 2  | 2  | 2  | 4  | 4  | 2  | 2  | 3  | 3  | 3  | 4  | 2  | 4  | 2  | 3  | 3  | 4  | 2  | 3  | 3  | 3  | 84 | 7056 |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |                |
| 8   | 3          | 3 | 3 | 3 | 4 | 3 | 3  | 3  | 3  | 2  | 3  | 3  | 2  | 2  | 3  | 2  | 2  | 3  | 2  | 3  | 1  | 3  | 3  | 3  | 2  | 2  | 3  | 2  | 76 | 5776 |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |                |
| 9   | 3          | 3 | 3 | 4 | 4 | 4 | 4  | 3  | 4  | 4  | 4  | 4  | 3  | 3  | 2  | 4  | 3  | 3  | 2  | 4  | 3  | 4  | 4  | 3  | 4  | 4  | 4  | 3  | 4  | 101  | 10201 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |                |
| 10  | 2          | 3 | 3 | 2 | 4 | 2 | 3  | 4  | 2  | 2  | 3  | 3  | 2  | 2  | 3  | 2  | 2  | 3  | 2  | 3  | 2  | 3  | 3  | 3  | 2  | 3  | 4  | 2  | 4  | 78   | 6084  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |                |
| 11  | 2          | 4 | 3 | 2 | 2 | 2 | 2  | 3  | 1  | 2  | 2  | 3  | 2  | 0  | 3  | 2  | 2  | 4  | 2  | 4  | 1  | 3  | 2  | 3  | 2  | 3  | 1  | 2  | 3  | 67   | 4489  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |                |
| 12  | 4          | 2 | 4 | 4 | 4 | 3 | 3  | 3  | 3  | 3  | 4  | 4  | 2  | 4  | 4  | 2  | 4  | 4  | 3  | 3  | 4  | 4  | 4  | 4  | 4  | 4  | 2  | 4  | 4  | 101  | 10201 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |                |
| 13  | 2          | 3 | 2 | 3 | 4 | 2 | 3  | 4  | 3  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 3  | 4  | 2  | 3  | 2  | 2  | 3  | 4  | 2  | 3  | 3  | 1  | 3  | 75   | 5625  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |                |
| 14  | 2          | 2 | 3 | 2 | 3 | 3 | 3  | 3  | 2  | 2  | 3  | 4  | 2  | 2  | 2  | 2  | 3  | 2  | 2  | 2  | 3  | 3  | 3  | 2  | 2  | 3  | 3  | 3  | 74 | 5476 |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |                |
| 15  | 2          | 2 | 2 | 2 | 3 | 2 | 3  | 3  | 1  | 2  | 3  | 3  | 2  | 2  | 2  | 2  | 3  | 2  | 2  | 2  | 2  | 3  | 3  | 2  | 2  | 2  | 3  | 3  | 68 | 4624 |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |                |
| 16  | 3          | 4 | 2 | 3 | 4 | 2 | 4  | 3  | 2  | 2  | 4  | 3  | 2  | 1  | 2  | 1  | 1  | 4  | 4  | 4  | 2  | 4  | 3  | 2  | 2  | 3  | 4  | 2  | 4  | 81   | 6561  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |                |
| 17  | 2          | 3 | 3 | 3 | 2 | 2 | 4  | 3  | 2  | 2  | 4  | 3  | 2  | 2  | 1  | 2  | 1  | 2  | 3  | 3  | 2  | 3  | 2  | 3  | 2  | 3  | 3  | 3  | 73 | 5329 |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |                |
| 18  | 1          | 2 | 3 | 4 | 4 | 2 | 3  | 4  | 1  | 2  | 4  | 3  | 2  | 2  | 3  | 2  | 1  | 3  | 2  | 3  | 2  | 4  | 4  | 3  | 2  | 4  | 4  | 2  | 3  | 79   | 6241  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |                |
| 19  | 2          | 1 | 3 | 3 | 2 | 2 | 4  | 1  | 2  | 3  | 4  | 4  | 1  | 0  | 3  | 1  | 2  | 2  | 1  | 0  | 3  | 4  | 4  | 2  | 2  | 2  | 1  | 2  | 4  | 65   | 4225  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |                |
| 20  | 3          | 2 | 2 | 4 | 4 | 3 | 4  | 2  | 3  | 2  | 3  | 2  | 2  | 2  | 2  | 3  | 1  | 4  | 4  | 4  | 2  | 2  | 2  | 4  | 2  | 2  | 2  | 4  | 2  | 78   | 6084  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |                |
| 21  | 3          | 3 | 3 | 3 | 3 | 2 | 3  | 3  | 2  | 3  | 4  | 3  | 2  | 2  | 2  | 2  | 3  | 3  | 3  | 3  | 2  | 3  | 3  | 3  | 2  | 2  | 2  | 2  | 76 | 5776 |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |                |
| 22  | 2          | 0 | 3 | 3 | 4 | 2 | 3  | 3  | 2  | 2  | 3  | 3  | 2  | 2  | 1  | 3  | 2  | 3  | 3  | 2  | 0  | 3  | 3  | 2  | 1  | 3  | 4  | 2  | 2  | 68   | 4624  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |                |
| 23  | 2          | 3 | 3 | 3 | 4 | 2 | 3  | 3  | 1  | 2  | 3  | 3  | 3  | 0  | 3  | 2  | 2  | 3  | 2  | 3  | 1  | 2  | 3  | 4  | 3  | 4  | 3  | 4  | 2  | 76   | 5776  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |                |
| 24  | 3          | 3 | 3 | 3 | 3 | 4 | 4  | 4  | 2  | 4  | 4  | 3  | 2  | 0  | 2  | 4  | 4  | 3  | 2  | 3  | 3  | 4  | 4  | 4  | 3  | 4  | 4  | 2  | 4  | 92   | 8464  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |                |
| 25  | 2          | 3 | 3 | 3 | 3 | 2 | 4  | 3  | 3  | 2  | 3  | 3  | 2  | 2  | 3  | 2  | 3  | 3  | 3  | 2  | 1  | 4  | 3  | 3  | 2  | 3  | 3  | 2  | 4  | 79   | 6241  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |                |
| 26  | 2          | 3 | 4 | 2 | 2 | 2 | 3  | 2  | 2  | 2  | 4  | 3  | 3  | 2  | 2  | 2  | 2  | 3  | 2  | 3  | 2  | 3  | 4  | 2  | 2  | 3  | 4  | 2  | 2  | 74   | 5476  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |                |
| 27  | 3          | 2 | 2 | 2 | 2 | 2 | 3  | 2  | 2  | 2  | 3  | 2  | 2  | 1  | 2  | 2  | 2  | 3  | 3  | 3  | 2  | 3  | 3  | 3  | 2  | 2  | 3  | 2  | 3  | 68   | 4624  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |                |
| 28  | 2          | 3 | 4 | 3 | 2 | 2 | 3  | 2  | 2  | 2  | 3  | 3  | 2  | 2  | 2  | 2  | 2  | 3  | 2  | 3  | 2  | 2  | 3  | 2  | 2  | 3  | 2  | 2  | 3  | 70   | 4900  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |                |
| 29  | 2          | 3 | 4 | 3 | 2 | 2 | 3  | 2  | 2  | 2  | 3  | 3  | 2  | 2  | 2  | 2  | 2  | 3  | 2  | 3  | 2  | 2  | 3  | 2  | 2  | 3  | 2  | 2  | 3  | 70   | 4900  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |                |
| 30  | 3          | 4 | 3 | 3 | 3 | 3 | 3  | 2  | 3  | 3  | 3  | 3  | 2  | 2  | 3  | 0  | 2  | 1  | 2  | 3  | 3  | 3  | 3  | 3  | 2  | 3  | 2  | 3  | 2  | 75   | 5625  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |                |
| 31  | 3          | 3 | 3 | 2 | 2 | 2 | 3  | 3  | 2  | 2  | 3  | 3  | 3  | 2  | 2  | 2  | 3  | 3  | 3  | 3  | 2  | 3  | 4  | 3  | 2  | 3  | 3  | 4  | 4  | 80   | 6400  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |                |
| 32  | 1          | 3 | 3 | 3 | 2 | 2 | 3  | 1  | 2  | 3  | 3  | 3  | 2  | 2  | 3  | 2  | 2  | 4  | 2  | 3  | 2  | 3  | 3  | 3  | 2  | 3  | 3  | 3  | 74 | 5476 |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |                |
| 33  | 2          | 1 | 2 | 3 | 4 | 2 | 3  | 4  | 2  | 2  | 4  | 3  | 2  | 1  | 3  | 2  | 3  | 4  | 2  | 2  | 2  | 3  | 3  | 4  | 2  | 3  | 4  | 2  | 3  | 77   | 5929  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |                |
| 34  | 2          | 4 | 3 | 3 | 4 | 3 | 3  | 4  | 3  | 4  | 4  | 3  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 3  | 2  | 4  | 4  | 2  | 3  | 2  | 3  | 3  | 4  | 84   | 7056  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |                |
| 35  | 2          | 4 | 3 | 3 | 4 | 3 | 3  | 3  | 3  | 3  | 4  | 3  | 2  | 2  | 2  | 2  | 3  | 2  | 2  | 3  | 2  | 4  | 2  | 2  | 3  | 3  | 4  | 3  | 4  | 83   | 6889  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |                |
| 36  | 2          | 3 | 3 | 3 | 4 | 3 | 3  | 4  | 3  | 3  | 4  | 3  | 2  | 2  | 2  | 2  | 3  | 2  | 2  | 4  | 2  | 4  | 4  | 2  | 2  | 2  | 4  | 3  | 3  | 83   | 6889  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |                |
| 37  | 2          | 4 | 4 | 3 | 3 | 2 | 4  | 4  | 1  | 1  | 2  | 4  | 2  | 0  | 2  | 1  | 2  | 2  | 1  | 4  | 2  | 3  | 3  | 4  | 2  | 2  | 3  | 1  | 3  | 71   | 5041  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |                |
| 38  | 2          | 3 | 2 | 3 | 4 | 3 | 2  | 2  | 2  | 3  | 4  | 3  | 3  | 1  | 3  | 1  | 3  | 3  | 1  | 3  | 2  | 2  | 3  | 3  | 3  | 3  | 1  | 2  | 3  | 73   | 5329  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |                |
| 39  | 2          | 3 | 2 | 3 | 3 | 2 | 4  | 4  | 2  | 2  | 3  | 2  | 2  | 1  | 3  | 2  | 3  | 1  | 2  | 2  | 1  | 3  | 2  | 2  | 1  | 3  | 4  | 2  | 2  | 68   | 4624  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |                |
| 40  | 2          | 4 | 3 | 3 | 3 | 2 | 2  | 2  | 3  | 2  | 3  | 3  | 2  | 0  | 2  | 2  | 2  | 3  | 3  | 3  | 1  | 3  | 3  | 2  | 2  | 3  | 2  | 3  | 4  | 72   | 5184  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |                |

Lanjutan

|                 |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 41              | 2     | 4     | 3     | 3     | 2     | 2     | 3     | 3     | 2     | 2     | 2     | 2     | 2     | 0     | 2     | 1     | 3     | 4     | 0     | 4     | 0     | 4     | 4     | 4     | 2     | 4     | 4     | 0     | 1     | 69    | 4761  |       |
| 42              | 3     | 3     | 4     | 4     | 4     | 4     | 4     | 4     | 2     | 3     | 4     | 4     | 2     | 4     | 4     | 3     | 3     | 3     | 4     | 4     | 2     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 1     | 3     | 94    | 8836  |
| 43              | 3     | 4     | 4     | 4     | 4     | 3     | 3     | 3     | 2     | 2     | 2     | 4     | 2     | 0     | 3     | 2     | 2     | 4     | 2     | 4     | 2     | 3     | 3     | 4     | 3     | 3     | 4     | 1     | 4     | 84    | 7056  |       |
| 44              | 2     | 3     | 2     | 3     | 4     | 2     | 3     | 3     | 2     | 2     | 3     | 2     | 2     | 1     | 1     | 1     | 3     | 2     | 2     | 4     | 2     | 3     | 3     | 3     | 2     | 2     | 2     | 2     | 3     | 69    | 4761  |       |
| 45              | 3     | 4     | 4     | 2     | 2     | 3     | 3     | 2     | 4     | 4     | 4     | 4     | 3     | 4     | 1     | 3     | 2     | 3     | 4     | 3     | 3     | 3     | 3     | 3     | 3     | 1     | 1     | 4     | 4     | 87    | 7569  |       |
| 46              | 3     | 2     | 4     | 2     | 3     | 4     | 4     | 3     | 3     | 3     | 4     | 4     | 2     | 2     | 2     | 3     | 1     | 3     | 3     | 3     | 3     | 3     | 2     | 3     | 3     | 3     | 3     | 4     | 3     | 85    | 7225  |       |
| 47              | 3     | 2     | 4     | 3     | 3     | 3     | 3     | 4     | 2     | 2     | 2     | 3     | 2     | 2     | 3     | 2     | 3     | 3     | 2     | 2     | 2     | 4     | 4     | 4     | 2     | 3     | 4     | 4     | 1     | 81    | 6561  |       |
| 48              | 2     | 3     | 2     | 3     | 4     | 2     | 4     | 2     | 2     | 2     | 3     | 3     | 3     | 0     | 2     | 2     | 3     | 4     | 3     | 2     | 2     | 3     | 3     | 4     | 2     | 4     | 4     | 3     | 3     | 79    | 6241  |       |
| 49              | 2     | 1     | 4     | 3     | 2     | 2     | 2     | 2     | 2     | 3     | 4     | 4     | 2     | 2     | 3     | 2     | 2     | 3     | 3     | 3     | 0     | 4     | 2     | 4     | 2     | 4     | 2     | 2     | 4     | 75    | 5625  |       |
| 50              | 2     | 1     | 1     | 4     | 3     | 2     | 4     | 1     | 2     | 2     | 4     | 1     | 3     | 0     | 2     | 2     | 0     | 3     | 3     | 4     | 2     | 3     | 3     | 2     | 1     | 3     | 3     | 2     | 4     | 67    | 4489  |       |
| 51              | 2     | 1     | 1     | 3     | 2     | 2     | 3     | 4     | 2     | 3     | 3     | 1     | 1     | 1     | 2     | 2     | 2     | 3     | 1     | 3     | 1     | 3     | 3     | 3     | 2     | 3     | 4     | 2     | 2     | 65    | 4225  |       |
| 52              | 2     | 1     | 1     | 1     | 3     | 0     | 3     | 2     | 2     | 2     | 2     | 1     | 1     | 0     | 2     | 0     | 2     | 2     | 2     | 1     | 0     | 3     | 3     | 3     | 2     | 2     | 3     | 2     | 3     | 51    | 2601  |       |
| 53              | 2     | 1     | 1     | 2     | 3     | 0     | 4     | 1     | 2     | 2     | 2     | 1     | 1     | 0     | 2     | 0     | 2     | 2     | 2     | 1     | 0     | 3     | 3     | 3     | 1     | 2     | 3     | 2     | 3     | 51    | 2601  |       |
| 54              | 2     | 4     | 0     | 4     | 3     | 2     | 4     | 3     | 2     | 3     | 4     | 0     | 2     | 1     | 3     | 0     | 1     | 4     | 4     | 4     | 2     | 4     | 3     | 4     | 3     | 3     | 3     | 1     | 2     | 75    | 5625  |       |
| 55              | 1     | 2     | 3     | 2     | 3     | 3     | 3     | 2     | 2     | 1     | 2     | 3     | 2     | 3     | 2     | 1     | 3     | 4     | 2     | 4     | 2     | 3     | 3     | 3     | 1     | 3     | 3     | 1     | 2     | 69    | 4761  |       |
| 56              | 1     | 2     | 2     | 2     | 3     | 2     | 3     | 2     | 1     | 2     | 4     | 2     | 2     | 1     | 1     | 0     | 2     | 2     | 2     | 2     | 1     | 2     | 2     | 2     | 2     | 2     | 2     | 1     | 4     | 56    | 3136  |       |
| 57              | 2     | 3     | 4     | 2     | 4     | 1     | 4     | 4     | 1     | 2     | 3     | 4     | 4     | 0     | 2     | 1     | 2     | 4     | 3     | 4     | 0     | 3     | 4     | 4     | 0     | 4     | 4     | 1     | 2     | 76    | 5776  |       |
| 58              | 3     | 2     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 4     | 2     | 2     | 2     | 3     | 2     | 3     | 2     | 2     | 2     | 3     | 0     | 2     | 2     | 2     | 2     | 2     | 72    | 5184  |       |
| 59              | 2     | 3     | 3     | 3     | 3     | 2     | 3     | 2     | 2     | 2     | 2     | 3     | 2     | 1     | 2     | 0     | 2     | 4     | 2     | 3     | 0     | 4     | 2     | 3     | 2     | 2     | 4     | 2     | 3     | 68    | 4624  |       |
| 60              | 3     | 4     | 3     | 3     | 3     | 3     | 3     | 1     | 2     | 3     | 2     | 3     | 2     | 2     | 2     | 1     | 0     | 3     | 2     | 3     | 0     | 4     | 2     | 3     | 2     | 4     | 4     | 2     | 3     | 72    | 5184  |       |
| 61              | 2     | 2     | 3     | 3     | 3     | 2     | 3     | 2     | 1     | 2     | 4     | 3     | 3     | 1     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 1     | 3     | 3     | 2     | 2     | 65    | 4225  |
| 62              | 3     | 3     | 3     | 3     | 3     | 3     | 4     | 3     | 3     | 3     | 3     | 3     | 3     | 2     | 2     | 3     | 2     | 3     | 4     | 1     | 3     | 1     | 3     | 3     | 4     | 3     | 3     | 3     | 2     | 4     | 83    | 6889  |
| 63              | 3     | 2     | 4     | 3     | 4     | 2     | 2     | 3     | 2     | 3     | 4     | 4     | 2     | 2     | 2     | 1     | 0     | 3     | 3     | 4     | 0     | 3     | 3     | 2     | 4     | 2     | 2     | 1     | 3     | 73    | 5329  |       |
| 64              | 2     | 2     | 3     | 4     | 3     | 2     | 2     | 3     | 2     | 1     | 3     | 3     | 2     | 2     | 3     | 2     | 2     | 3     | 2     | 2     | 2     | 2     | 3     | 3     | 2     | 3     | 4     | 2     | 3     | 72    | 5184  |       |
| 65              | 2     | 3     | 3     | 2     | 3     | 2     | 3     | 2     | 2     | 2     | 3     | 3     | 2     | 2     | 4     | 1     | 3     | 4     | 3     | 3     | 1     | 3     | 2     | 3     | 1     | 3     | 2     | 1     | 3     | 71    | 5041  |       |
| 66              | 2     | 3     | 2     | 3     | 3     | 1     | 3     | 3     | 2     | 2     | 4     | 3     | 3     | 1     | 2     | 2     | 3     | 3     | 3     | 2     | 2     | 3     | 3     | 3     | 2     | 2     | 3     | 2     | 3     | 73    | 5329  |       |
| 67              | 3     | 4     | 4     | 3     | 4     | 2     | 4     | 3     | 2     | 2     | 2     | 3     | 4     | 0     | 0     | 0     | 2     | 2     | 2     | 4     | 2     | 2     | 2     | 3     | 2     | 2     | 4     | 3     | 2     | 72    | 5184  |       |
| 68              | 2     | 3     | 3     | 3     | 4     | 1     | 3     | 3     | 2     | 3     | 4     | 4     | 2     | 1     | 2     | 1     | 1     | 3     | 2     | 3     | 1     | 3     | 3     | 4     | 3     | 2     | 4     | 4     | 4     | 78    | 6084  |       |
| 69              | 3     | 4     | 3     | 2     | 3     | 2     | 3     | 2     | 2     | 0     | 2     | 3     | 0     | 1     | 2     | 0     | 0     | 2     | 1     | 1     | 1     | 3     | 3     | 2     | 1     | 2     | 4     | 1     | 4     | 57    | 3249  |       |
| 70              | 1     | 3     | 2     | 2     | 2     | 2     | 3     | 4     | 1     | 2     | 3     | 2     | 1     | 1     | 2     | 0     | 0     | 2     | 3     | 3     | 0     | 4     | 3     | 1     | 0     | 0     | 0     | 2     | 4     | 53    | 2809  |       |
| 71              | 3     | 2     | 4     | 4     | 3     | 2     | 3     | 3     | 2     | 3     | 3     | 3     | 2     | 2     | 2     | 1     | 2     | 3     | 2     | 2     | 2     | 3     | 3     | 3     | 2     | 2     | 2     | 2     | 2     | 72    | 5184  |       |
| 72              | 2     | 3     | 3     | 3     | 0     | 3     | 4     | 4     | 2     | 4     | 4     | 4     | 2     | 3     | 3     | 2     | 4     | 4     | 2     | 2     | 3     | 3     | 3     | 4     | 4     | 3     | 3     | 2     | 4     | 87    | 7569  |       |
| 73              | 3     | 4     | 4     | 4     | 4     | 4     | 4     | 3     | 3     | 4     | 4     | 4     | 3     | 4     | 4     | 4     | 3     | 4     | 2     | 4     | 4     | 4     | 4     | 4     | 4     | 3     | 4     | 4     | 3     | 4     | 107   | 11449 |
| 74              | 3     | 4     | 2     | 4     | 4     | 1     | 4     | 3     | 4     | 3     | 4     | 4     | 4     | 0     | 4     | 4     | 4     | 4     | 4     | 4     | 0     | 4     | 3     | 3     | 3     | 1     | 2     | 3     | 3     | 90    | 8100  |       |
| 75              | 3     | 4     | 4     | 3     | 3     | 2     | 3     | 2     | 3     | 4     | 3     | 4     | 4     | 1     | 3     | 2     | 3     | 4     | 2     | 3     | 2     | 3     | 3     | 3     | 2     | 3     | 2     | 3     | 4     | 85    | 7225  |       |
| 76              | 3     | 4     | 4     | 4     | 4     | 3     | 4     | 4     | 4     | 3     | 4     | 4     | 2     | 3     | 2     | 2     | 3     | 3     | 4     | 3     | 2     | 4     | 4     | 3     | 3     | 3     | 4     | 1     | 4     | 95    | 9025  |       |
| 77              | 2     | 1     | 4     | 3     | 4     | 1     | 4     | 0     | 2     | 2     | 4     | 4     | 2     | 2     | 2     | 2     | 3     | 2     | 2     | 3     | 2     | 4     | 3     | 2     | 2     | 3     | 2     | 2     | 4     | 73    | 5329  |       |
| 78              | 2     | 3     | 4     | 3     | 3     | 3     | 4     | 2     | 2     | 2     | 4     | 4     | 3     | 1     | 2     | 2     | 2     | 3     | 4     | 4     | 2     | 4     | 4     | 3     | 2     | 2     | 3     | 4     | 4     | 85    | 7225  |       |
| 79              | 3     | 4     | 2     | 4     | 4     | 2     | 4     | 4     | 3     | 4     | 4     | 2     | 2     | 2     | 4     | 2     | 1     | 3     | 3     | 4     | 3     | 4     | 3     | 3     | 3     | 2     | 3     | 3     | 4     | 89    | 7921  |       |
| 80              | 2     | 3     | 4     | 4     | 4     | 3     | 4     | 3     | 2     | 4     | 3     | 4     | 4     | 3     | 3     | 2     | 3     | 4     | 4     | 4     | 2     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 101   | 10201 |       |
| ΣY              | 187   | 223   | 239   | 236   | 257   | 181   | 262   | 221   | 179   | 196   | 263   | 245   | 180   | 123   | 188   | 148   | 181   | 241   | 195   | 239   | 135   | 255   | 245   | 235   | 179   | 217   | 236   | 185   | 246   | 6117  | 5E+05 |       |
| ΣY <sup>2</sup> | 34969 | 49729 | 57121 | 55696 | 66049 | 32761 | 68644 | 48841 | 32041 | 38416 | 69169 | 60025 | 32400 | 15129 | 35344 | 21904 | 32761 | 58081 | 38025 | 57121 | 18225 | 66025 | 60025 | 55225 | 32041 | 47089 | 55696 | 34225 | 60516 | 1E+06 | 18295 |       |

**Perhitungan Reliabilitas Skala Emosi Positif  
Menggunakan Analisis Varians Hoyt**

$$r_{xx'} = 1 - S_e^2 / S_s^2$$

$$S_s^2 = \{(\sum x^2) / k - (\sum i)^2 / nk\} / n - 1$$

$$S_e^2 = \{\sum i^2 - (\sum x^2) / k - (\sum Y^2) / n + (\sum i)^2 / nk\} / (n-1)(k-1)$$

Diketahui:

$$\sum X = 6117$$

$$\sum Y^2 = 1332293$$

$$\sum X^2 = 477243$$

$$\sum i^2 = 18295$$

$$S_s^2 = \{477243 / 29 - (6117)^2 / 29 \times 80\} / (80 - 1)$$

$$= \{16456.65517 - 37417689 / 2320\} / 79$$

$$= \{16456.65517 - 16128.31422\} / 79$$

$$= 328.33748 / 79$$

$$= 4.1561$$

$$S_e^2 = \{18295 - (477243 / 29) - (1332293 / 80) + (6117)^2 / (29 \times 80)\} / (80-1)$$

(29-1)

$$= \{(18295 - 16456.65517) - 16553.6625 + (37417689 / 2320)\} / (79)(28)$$

$$= \{1838.34483 - 16653.6625 + 16128.31422\} / 2212$$

$$= 1312.99655 / 2212$$

$$= 0.59358$$

$$r_{xx'} = 1 - S_e^2 / S_s^2$$

$$= 1 - 0.59358 / 4.1561$$

$$= 1 - 0.14282$$

$$= 0.85718$$

$r_{xx'}$  1% = 0.256, maka dapat ditulis r tabel <  $r_{xx'}$  sehingga skala ini dinyatakan sangat reliable.

**Perhitungan Standart Error Skala Emosi Positif**

$$S_x^2 = \{\sum X^2 - (\sum X)^2 / N\} / N - 1$$

$$S_e = S_x \cdot \sqrt{1 - r_{xx'}}$$

$$S_x^2 = \{477243 - (6117)^2 / 80\} / 79$$

$$\begin{aligned} &= \{477243 - 37417689 / 80\} / 79 \\ &= \{477243 - 467721.1125\} / 79 \\ &= 120.5302215 \\ S_x &= \sqrt{120.5302215} \\ &= 10.97862567 \\ S_e &= S_x \cdot \sqrt{1 - r_{xx}^2} \\ &= 10.97862567 \cdot \sqrt{1 - 0.85718} \\ &= 10.97862567 \cdot 0.37791533 \\ &= 10.60071034 \end{aligned}$$

Dapat diketahui bahwa standart errornya adalah 10.60071034 atau sebesar 10%.



### Lampiran 7. Perhitungan Validitas Skala Optimisme

| Sby | Pernyataan |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-----|------------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
|     | 1          | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| 1   | 3          | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2  | 3  | 2  | 2  | 1  | 2  | 3  | 2  | 2  | 3  | 2  | 3  | 2  | 3  | 2  | 2  |
| 2   | 1          | 3 | 3 | 2 | 3 | 2 | 3 | 1 | 2 | 3  | 3  | 3  | 1  | 2  | 4  | 3  | 3  | 3  | 2  | 3  | 3  | 2  | 2  | 3  | 2  |
| 3   | 4          | 4 | 2 | 3 | 3 | 3 | 3 | 2 | 2 | 2  | 4  | 3  | 0  | 1  | 4  | 4  | 3  | 1  | 3  | 3  | 4  | 3  | 2  | 2  | 3  |
| 4   | 4          | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 1 | 2  | 3  | 2  | 4  | 2  | 4  | 4  | 3  | 3  | 2  | 4  | 4  | 2  | 2  | 1  | 0  |
| 5   | 1          | 4 | 3 | 4 | 2 | 1 | 1 | 0 | 0 | 1  | 2  | 3  | 0  | 1  | 2  | 4  | 3  | 4  | 4  | 4  | 3  | 0  | 1  | 2  | 1  |
| 6   | 3          | 3 | 2 | 3 | 3 | 3 | 2 | 3 | 2 | 3  | 2  | 2  | 3  | 2  | 3  | 4  | 3  | 4  | 3  | 2  | 2  | 2  | 3  | 2  | 0  |
| 7   | 1          | 4 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 3  | 4  | 4  | 3  | 0  | 4  | 4  | 2  | 2  | 2  | 3  | 4  | 2  | 3  | 3  | 0  |
| 8   | 3          | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 2  | 3  | 2  | 2  | 1  | 2  | 3  | 2  | 2  | 3  | 2  | 3  | 2  | 3  | 2  | 2  |
| 9   | 4          | 3 | 3 | 4 | 2 | 3 | 1 | 2 | 4 | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 3  | 3  | 3  | 3  | 3  | 2  | 4  | 4  | 2  |
| 10  | 3          | 2 | 2 | 3 | 2 | 2 | 3 | 2 | 2 | 3  | 3  | 3  | 1  | 2  | 3  | 3  | 2  | 3  | 2  | 3  | 2  | 2  | 2  | 2  | 2  |
| 11  | 4          | 3 | 2 | 3 | 3 | 2 | 3 | 0 | 2 | 2  | 3  | 3  | 2  | 1  | 4  | 4  | 3  | 2  | 2  | 3  | 2  | 2  | 2  | 2  | 2  |
| 12  | 4          | 4 | 4 | 4 | 3 | 3 | 4 | 4 | 4 | 4  | 4  | 4  | 4  | 2  | 4  | 4  | 4  | 4  | 3  | 4  | 4  | 2  | 4  | 4  | 4  |
| 13  | 3          | 2 | 2 | 3 | 2 | 2 | 2 | 1 | 2 | 2  | 2  | 3  | 1  | 2  | 4  | 4  | 3  | 2  | 2  | 4  | 3  | 1  | 3  | 3  | 2  |
| 14  | 3          | 3 | 2 | 2 | 3 | 2 | 3 | 3 | 3 | 3  | 3  | 3  | 2  | 2  | 4  | 4  | 2  | 3  | 2  | 2  | 3  | 2  | 2  | 3  | 1  |
| 15  | 3          | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 3  | 2  | 3  | 1  | 1  | 3  | 3  | 2  | 3  | 2  | 3  | 3  | 2  | 3  | 3  | 2  |
| 16  | 4          | 4 | 1 | 3 | 2 | 2 | 4 | 1 | 1 | 2  | 4  | 2  | 0  | 3  | 4  | 4  | 4  | 3  | 2  | 2  | 3  | 2  | 2  | 2  | 2  |
| 17  | 3          | 3 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 3  | 3  | 3  | 1  | 1  | 4  | 2  | 2  | 3  | 2  | 3  | 3  | 2  | 2  | 3  | 1  |
| 18  | 2          | 4 | 1 | 3 | 2 | 2 | 4 | 2 | 3 | 2  | 4  | 3  | 2  | 3  | 4  | 4  | 2  | 2  | 3  | 4  | 4  | 2  | 3  | 3  | 2  |
| 19  | 4          | 3 | 2 | 4 | 2 | 3 | 4 | 1 | 2 | 2  | 4  | 4  | 1  | 1  | 3  | 4  | 2  | 3  | 2  | 3  | 3  | 0  | 3  | 2  | 0  |
| 20  | 3          | 2 | 0 | 2 | 2 | 2 | 1 | 1 | 1 | 1  | 0  | 2  | 0  | 3  | 4  | 4  | 4  | 4  | 2  | 3  | 3  | 2  | 2  | 2  | 3  |
| 21  | 3          | 3 | 2 | 3 | 3 | 3 | 1 | 1 | 2 | 2  | 3  | 3  | 3  | 1  | 4  | 3  | 3  | 3  | 2  | 4  | 3  | 2  | 3  | 3  | 1  |
| 22  | 3          | 3 | 1 | 3 | 1 | 3 | 4 | 2 | 2 | 2  | 3  | 3  | 2  | 1  | 4  | 4  | 2  | 2  | 2  | 2  | 2  | 0  | 2  | 3  | 1  |
| 23  | 3          | 2 | 1 | 3 | 3 | 3 | 2 | 0 | 4 | 2  | 3  | 2  | 1  | 1  | 3  | 3  | 2  | 3  | 2  | 2  | 3  | 3  | 3  | 3  | 3  |
| 24  | 3          | 3 | 2 | 3 | 1 | 3 | 2 | 1 | 4 | 4  | 4  | 4  | 4  | 1  | 4  | 4  | 4  | 3  | 3  | 4  | 4  | 1  | 4  | 4  | 1  |
| 25  | 3          | 4 | 1 | 3 | 3 | 3 | 3 | 2 | 3 | 3  | 4  | 2  | 1  | 1  | 4  | 3  | 2  | 3  | 3  | 2  | 2  | 2  | 2  | 3  | 1  |
| 26  | 4          | 4 | 2 | 2 | 2 | 2 | 4 | 3 | 2 | 3  | 4  | 3  | 1  | 1  | 4  | 4  | 2  | 3  | 2  | 2  | 3  | 2  | 2  | 3  | 2  |
| 27  | 4          | 3 | 1 | 2 | 2 | 2 | 2 | 1 | 2 | 2  | 3  | 2  | 0  | 1  | 4  | 3  | 2  | 2  | 3  | 2  | 2  | 2  | 2  | 2  | 1  |
| 28  | 1          | 3 | 2 | 2 | 2 | 2 | 3 | 1 | 2 | 3  | 3  | 3  | 2  | 1  | 4  | 2  | 2  | 2  | 2  | 2  | 3  | 2  | 2  | 2  | 2  |
| 29  | 1          | 3 | 2 | 2 | 2 | 2 | 3 | 1 | 2 | 3  | 3  | 3  | 2  | 1  | 3  | 3  | 2  | 2  | 2  | 2  | 3  | 2  | 2  | 2  | 2  |
| 30  | 3          | 3 | 2 | 3 | 2 | 3 | 3 | 1 | 2 | 3  | 3  | 3  | 1  | 2  | 4  | 3  | 2  | 3  | 2  | 3  | 3  | 2  | 3  | 3  | 2  |
| 31  | 3          | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 2 | 2  | 3  | 3  | 2  | 2  | 4  | 3  | 3  | 3  | 2  | 3  | 3  | 2  | 2  | 2  | 2  |
| 32  | 3          | 3 | 2 | 3 | 2 | 3 | 3 | 2 | 2 | 3  | 3  | 3  | 2  | 1  | 3  | 3  | 2  | 3  | 2  | 3  | 3  | 2  | 2  | 2  | 1  |
| 33  | 3          | 3 | 2 | 2 | 2 | 2 | 3 | 2 | 3 | 3  | 3  | 3  | 1  | 1  | 4  | 3  | 3  | 3  | 2  | 3  | 3  | 1  | 3  | 2  | 1  |
| 34  | 4          | 4 | 2 | 3 | 1 | 4 | 1 | 2 | 2 | 4  | 4  | 4  | 1  | 1  | 4  | 4  | 2  | 3  | 3  | 3  | 3  | 2  | 2  | 3  | 2  |
| 35  | 4          | 3 | 2 | 3 | 3 | 3 | 1 | 2 | 2 | 3  | 4  | 4  | 1  | 1  | 4  | 4  | 2  | 3  | 3  | 4  | 4  | 2  | 2  | 3  | 2  |
| 36  | 4          | 4 | 2 | 2 | 2 | 3 | 1 | 2 | 2 | 3  | 4  | 3  | 1  | 1  | 4  | 4  | 2  | 3  | 3  | 3  | 4  | 2  | 2  | 3  | 2  |
| 37  | 3          | 4 | 1 | 2 | 3 | 2 | 3 | 1 | 1 | 2  | 4  | 2  | 3  | 4  | 4  | 4  | 1  | 2  | 3  | 4  | 2  | 3  | 1  | 2  | 1  |
| 38  | 3          | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 3 | 3  | 2  | 3  | 2  | 1  | 3  | 3  | 3  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 3  |
| 39  | 2          | 1 | 0 | 1 | 3 | 1 | 2 | 2 | 2 | 3  | 4  | 2  | 2  | 2  | 3  | 3  | 1  | 2  | 1  | 2  | 2  | 3  | 2  | 3  | 0  |
| 40  | 3          | 2 | 2 | 3 | 3 | 2 | 2 | 3 | 2 | 2  | 4  | 2  | 3  | 2  | 4  | 3  | 2  | 3  | 2  | 2  | 4  | 4  | 2  | 3  | 0  |

## Lanjutan

| Pernyataan |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     | Total |
|------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-------|
| 26         | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |     |       |
| 1          | 1  | 3  | 2  | 2  | 3  | 2  | 3  | 2  | 2  | 3  | 2  | 2  | 2  | 3  | 2  | 3  | 2  | 2  | 2  | 2  | 2  | 2  | 4  | 2  | 110 |       |
| 3          | 1  | 3  | 3  | 3  | 3  | 2  | 3  | 2  | 2  | 3  | 1  | 1  | 3  | 3  | 3  | 3  | 3  | 3  | 2  | 2  | 3  | 2  | 3  | 2  | 124 |       |
| 3          | 1  | 4  | 3  | 2  | 3  | 1  | 4  | 3  | 3  | 3  | 3  | 0  | 4  | 4  | 3  | 4  | 2  | 4  | 3  | 3  | 2  | 3  | 2  | 1  | 136 |       |
| 2          | 2  | 4  | 4  | 1  | 4  | 4  | 3  | 2  | 2  | 1  | 3  | 0  | 4  | 4  | 4  | 4  | 4  | 3  | 4  | 4  | 2  | 4  | 4  | 0  | 135 |       |
| 0          | 2  | 3  | 4  | 1  | 4  | 3  | 0  | 2  | 3  | 1  | 0  | 2  | 3  | 2  | 3  | 4  | 2  | 1  | 1  | 0  | 0  | 3  | 4  | 0  | 99  |       |
| 2          | 2  | 3  | 4  | 3  | 4  | 3  | 0  | 2  | 1  | 2  | 1  | 0  | 2  | 1  | 2  | 3  | 2  | 1  | 0  | 2  | 0  | 3  | 4  | 2  | 113 |       |
| 2          | 0  | 4  | 4  | 2  | 4  | 1  | 3  | 2  | 3  | 2  | 2  | 2  | 2  | 4  | 2  | 4  | 4  | 3  | 2  | 1  | 2  | 2  | 4  | 2  | 126 |       |
| 1          | 1  | 1  | 2  | 2  | 3  | 2  | 3  | 2  | 2  | 3  | 2  | 2  | 2  | 3  | 2  | 3  | 2  | 2  | 2  | 3  | 3  | 1  | 3  | 2  | 110 |       |
| 2          | 0  | 2  | 2  | 4  | 4  | 2  | 2  | 1  | 4  | 1  | 2  | 0  | 3  | 3  | 1  | 4  | 3  | 3  | 2  | 2  | 4  | 4  | 4  | 2  | 142 |       |
| 2          | 1  | 3  | 3  | 2  | 3  | 2  | 2  | 3  | 2  | 3  | 3  | 1  | 2  | 2  | 3  | 3  | 3  | 3  | 3  | 2  | 3  | 2  | 4  | 2  | 121 |       |
| 1          | 1  | 3  | 2  | 2  | 3  | 2  | 3  | 2  | 2  | 3  | 2  | 2  | 3  | 4  | 2  | 4  | 3  | 2  | 2  | 2  | 2  | 2  | 3  | 0  | 118 |       |
| 1          | 1  | 3  | 4  | 4  | 4  | 3  | 1  | 1  | 4  | 4  | 4  | 0  | 3  | 3  | 3  | 3  | 4  | 4  | 4  | 2  | 1  | 4  | 4  | 2  | 164 |       |
| 0          | 1  | 3  | 2  | 3  | 2  | 1  | 2  | 2  | 2  | 1  | 2  | 2  | 2  | 2  | 2  | 3  | 4  | 2  | 1  | 1  | 3  | 3  | 4  | 2  | 112 |       |
| 3          | 1  | 2  | 4  | 2  | 4  | 1  | 3  | 2  | 3  | 2  | 2  | 1  | 4  | 3  | 4  | 4  | 2  | 3  | 2  | 3  | 3  | 2  | 4  | 2  | 131 |       |
| 2          | 2  | 3  | 2  | 1  | 2  | 1  | 2  | 3  | 3  | 2  | 2  | 2  | 2  | 2  | 3  | 3  | 3  | 2  | 2  | 2  | 2  | 2  | 3  | 2  | 111 |       |
| 1          | 1  | 4  | 4  | 2  | 2  | 2  | 3  | 3  | 2  | 3  | 1  | 1  | 3  | 3  | 4  | 4  | 2  | 2  | 2  | 2  | 2  | 1  | 2  | 2  | 121 |       |
| 1          | 0  | 2  | 1  | 2  | 3  | 2  | 2  | 1  | 2  | 1  | 1  | 1  | 2  | 2  | 2  | 2  | 3  | 2  | 1  | 0  | 2  | 2  | 4  | 0  | 97  |       |
| 2          | 1  | 4  | 2  | 2  | 2  | 1  | 4  | 2  | 2  | 1  | 0  | 1  | 2  | 2  | 2  | 3  | 3  | 4  | 2  | 2  | 2  | 2  | 4  | 2  | 124 |       |
| 1          | 0  | 4  | 2  | 2  | 3  | 2  | 3  | 1  | 2  | 2  | 3  | 1  | 3  | 3  | 3  | 4  | 2  | 3  | 2  | 1  | 2  | 2  | 4  | 1  | 118 |       |
| 1          | 1  | 3  | 2  | 2  | 4  | 2  | 0  | 0  | 2  | 2  | 2  | 1  | 3  | 3  | 2  | 3  | 3  | 1  | 1  | 2  | 3  | 2  | 3  | 0  | 101 |       |
| 1          | 2  | 3  | 2  | 2  | 2  | 2  | 2  | 2  | 3  | 2  | 2  | 2  | 2  | 2  | 2  | 3  | 3  | 2  | 2  | 3  | 1  | 2  | 3  | 1  | 117 |       |
| 0          | 0  | 4  | 2  | 2  | 3  | 2  | 2  | 1  | 3  | 2  | 1  | 0  | 2  | 2  | 2  | 4  | 3  | 1  | 1  | 1  | 3  | 3  | 3  | 2  | 106 |       |
| 3          | 1  | 2  | 3  | 2  | 3  | 3  | 2  | 3  | 3  | 2  | 1  | 0  | 3  | 3  | 3  | 3  | 3  | 2  | 2  | 1  | 1  | 1  | 2  | 2  | 114 |       |
| 3          | 1  | 2  | 4  | 3  | 4  | 2  | 3  | 3  | 4  | 1  | 2  | 1  | 3  | 3  | 3  | 3  | 2  | 3  | 2  | 4  | 3  | 3  | 3  | 2  | 142 |       |
| 3          | 1  | 3  | 2  | 2  | 3  | 2  | 3  | 2  | 3  | 2  | 2  | 1  | 2  | 3  | 2  | 4  | 2  | 3  | 2  | 4  | 2  | 3  | 2  | 1  | 122 |       |
| 1          | 1  | 3  | 2  | 2  | 2  | 2  | 3  | 1  | 3  | 2  | 1  | 1  | 2  | 2  | 2  | 3  | 2  | 3  | 3  | 3  | 2  | 2  | 3  | 1  | 118 |       |
| 1          | 0  | 4  | 2  | 2  | 2  | 2  | 2  | 2  | 3  | 2  | 0  | 0  | 2  | 2  | 2  | 3  | 2  | 2  | 2  | 2  | 2  | 2  | 4  | 2  | 101 |       |
| 1          | 2  | 2  | 2  | 2  | 3  | 2  | 2  | 2  | 2  | 1  | 1  | 1  | 2  | 3  | 2  | 3  | 2  | 2  | 1  | 2  | 2  | 2  | 3  | 2  | 104 |       |
| 2          | 2  | 3  | 3  | 2  | 3  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 3  | 2  | 2  | 2  | 3  | 2  | 3  | 2  | 111 |       |
| 1          | 1  | 3  | 2  | 2  | 2  | 1  | 3  | 2  | 3  | 1  | 1  | 1  | 2  | 2  | 2  | 3  | 3  | 3  | 3  | 3  | 3  | 2  | 3  | 2  | 118 |       |
| 2          | 1  | 4  | 2  | 2  | 4  | 1  | 4  | 3  | 2  | 2  | 2  | 2  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 2  | 3  | 1  | 126 |       |
| 2          | 1  | 3  | 3  | 2  | 3  | 2  | 3  | 2  | 3  | 2  | 1  | 1  | 2  | 2  | 2  | 3  | 3  | 1  | 2  | 1  | 3  | 2  | 3  | 1  | 114 |       |
| 1          | 1  | 3  | 2  | 2  | 4  | 2  | 3  | 2  | 3  | 2  | 2  | 1  | 2  | 3  | 2  | 3  | 3  | 2  | 2  | 1  | 3  | 1  | 3  | 2  | 116 |       |
| 2          | 0  | 4  | 3  | 3  | 3  | 2  | 3  | 2  | 3  | 2  | 3  | 1  | 3  | 3  | 4  | 4  | 4  | 3  | 3  | 2  | 2  | 3  | 3  | 1  | 134 |       |
| 2          | 0  | 4  | 2  | 3  | 4  | 2  | 3  | 2  | 3  | 3  | 3  | 1  | 3  | 3  | 3  | 3  | 3  | 3  | 2  | 2  | 3  | 2  | 3  | 3  | 134 |       |
| 2          | 1  | 4  | 4  | 2  | 4  | 2  | 3  | 3  | 3  | 3  | 1  | 1  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 2  | 2  | 2  | 3  | 2  | 131 |       |
| 3          | 0  | 4  | 2  | 2  | 3  | 2  | 3  | 2  | 1  | 3  | 1  | 2  | 4  | 4  | 2  | 4  | 2  | 4  | 3  | 2  | 3  | 4  | 3  | 2  | 127 |       |
| 1          | 1  | 3  | 2  | 2  | 2  | 2  | 2  | 1  | 3  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 4  | 3  | 3  | 2  | 111 |       |
| 2          | 1  | 3  | 2  | 1  | 2  | 1  | 3  | 2  | 2  | 2  | 3  | 2  | 2  | 2  | 1  | 3  | 2  | 3  | 3  | 2  | 4  | 0  | 3  | 0  | 100 |       |
| 1          | 1  | 1  | 2  | 1  | 2  | 1  | 2  | 1  | 2  | 2  | 0  | 1  | 3  | 2  | 2  | 3  | 2  | 3  | 1  | 3  | 2  | 2  | 3  | 1  | 108 |       |

Lanjutan

|                 |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |   |
|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---|
| 41              | 3     | 2     | 0     | 2     | 2     | 3     | 3     | 2     | 0     | 2     | 2     | 3     | 0     | 0     | 4     | 3     | 2     | 3     | 2     | 2     | 3     | 0     | 2     | 2     | 0     |   |
| 42              | 4     | 4     | 2     | 3     | 2     | 3     | 2     | 2     | 2     | 2     | 3     | 3     | 3     | 2     | 4     | 4     | 3     | 4     | 4     | 3     | 4     | 2     | 2     | 2     | 3     |   |
| 43              | 3     | 3     | 2     | 2     | 2     | 2     | 3     | 3     | 3     | 2     | 3     | 3     | 1     | 2     | 4     | 4     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 3     | 2     |   |
| 44              | 4     | 3     | 1     | 3     | 2     | 2     | 2     | 0     | 1     | 2     | 3     | 3     | 1     | 1     | 4     | 4     | 3     | 3     | 2     | 3     | 2     | 2     | 2     | 2     | 1     |   |
| 45              | 1     | 3     | 1     | 3     | 2     | 3     | 3     | 3     | 1     | 2     | 4     | 3     | 0     | 1     | 4     | 4     | 3     | 3     | 4     | 2     | 3     | 1     | 2     | 2     | 1     |   |
| 46              | 3     | 3     | 2     | 3     | 3     | 3     | 2     | 1     | 3     | 3     | 3     | 3     | 1     | 1     | 3     | 3     | 3     | 2     | 3     | 4     | 4     | 2     | 2     | 3     | 2     |   |
| 47              | 2     | 2     | 1     | 3     | 2     | 2     | 1     | 2     | 2     | 2     | 3     | 2     | 3     | 4     | 4     | 4     | 2     | 2     | 2     | 1     | 2     | 2     | 2     | 3     | 2     |   |
| 48              | 3     | 4     | 2     | 3     | 2     | 3     | 2     | 2     | 3     | 3     | 4     | 4     | 3     | 2     | 4     | 4     | 3     | 3     | 3     | 2     | 3     | 1     | 2     | 4     | 0     |   |
| 49              | 3     | 2     | 3     | 4     | 4     | 3     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 1     | 4     | 4     | 4     | 4     | 2     | 4     | 4     | 0     | 4     | 4     | 0     |   |
| 50              | 4     | 3     | 2     | 3     | 2     | 3     | 3     | 0     | 2     | 3     | 3     | 4     | 0     | 3     | 4     | 4     | 3     | 3     | 3     | 3     | 3     | 0     | 2     | 3     | 0     |   |
| 51              | 4     | 1     | 1     | 2     | 1     | 1     | 3     | 2     | 2     | 2     | 3     | 3     | 1     | 1     | 4     | 4     | 2     | 3     | 2     | 2     | 2     | 1     | 2     | 3     | 0     |   |
| 52              | 4     | 3     | 2     | 3     | 2     | 2     | 3     | 1     | 2     | 3     | 3     | 3     | 2     | 2     | 4     | 4     | 2     | 4     | 2     | 3     | 2     | 2     | 3     | 3     | 0     |   |
| 53              | 4     | 3     | 2     | 3     | 2     | 2     | 3     | 1     | 2     | 3     | 3     | 3     | 1     | 2     | 4     | 3     | 3     | 3     | 2     | 3     | 2     | 2     | 3     | 3     | 0     |   |
| 54              | 4     | 4     | 2     | 4     | 4     | 4     | 3     | 1     | 1     | 1     | 4     | 3     | 0     | 0     | 4     | 4     | 3     | 3     | 2     | 3     | 4     | 2     | 1     | 3     | 2     |   |
| 55              | 4     | 3     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 4     | 3     | 2     | 0     | 4     | 3     | 2     | 2     | 1     | 4     | 2     | 2     | 2     | 2     | 0     |   |
| 56              | 4     | 2     | 1     | 2     | 2     | 3     | 3     | 2     | 1     | 2     | 3     | 3     | 1     | 1     | 4     | 3     | 2     | 2     | 2     | 2     | 3     | 2     | 2     | 2     | 2     |   |
| 57              | 3     | 4     | 1     | 2     | 4     | 3     | 1     | 1     | 1     | 2     | 1     | 1     | 1     | 0     | 4     | 3     | 2     | 3     | 2     | 4     | 4     | 1     | 2     | 3     | 0     |   |
| 58              | 2     | 3     | 2     | 3     | 2     | 2     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 1     | 2     | 3     | 3     | 3     | 2     | 3     | 3 |
| 59              | 3     | 2     | 2     | 2     | 3     | 2     | 3     | 2     | 2     | 3     | 4     | 3     | 2     | 1     | 3     | 2     | 2     | 2     | 2     | 3     | 2     | 1     | 2     | 3     | 0     |   |
| 60              | 4     | 4     | 3     | 3     | 3     | 3     | 4     | 4     | 3     | 3     | 3     | 3     | 2     | 1     | 4     | 3     | 3     | 2     | 2     | 3     | 3     | 2     | 4     | 4     | 1     |   |
| 61              | 4     | 3     | 1     | 2     | 1     | 2     | 3     | 3     | 1     | 2     | 3     | 2     | 3     | 1     | 3     | 3     | 2     | 2     | 2     | 3     | 3     | 2     | 1     | 2     | 1     |   |
| 62              | 4     | 3     | 3     | 3     | 3     | 4     | 1     | 3     | 3     | 3     | 4     | 3     | 3     | 1     | 4     | 4     | 2     | 3     | 3     | 3     | 3     | 1     | 3     | 4     | 1     |   |
| 63              | 3     | 2     | 1     | 3     | 2     | 2     | 2     | 1     | 1     | 1     | 1     | 1     | 2     | 0     | 1     | 3     | 3     | 2     | 3     | 3     | 3     | 3     | 1     | 2     | 1     | 1 |
| 64              | 3     | 2     | 2     | 3     | 1     | 2     | 2     | 3     | 2     | 2     | 3     | 3     | 3     | 2     | 4     | 3     | 2     | 2     | 2     | 4     | 3     | 1     | 2     | 3     | 2     |   |
| 65              | 3     | 3     | 2     | 3     | 1     | 2     | 3     | 1     | 2     | 2     | 3     | 2     | 0     | 1     | 3     | 3     | 2     | 3     | 2     | 2     | 2     | 1     | 2     | 3     | 0     |   |
| 66              | 3     | 3     | 2     | 2     | 2     | 2     | 3     | 3     | 2     | 3     | 3     | 3     | 2     | 1     | 4     | 4     | 4     | 4     | 3     | 4     | 3     | 2     | 3     | 2     | 1     |   |
| 67              | 4     | 2     | 2     | 2     | 3     | 2     | 2     | 3     | 1     | 2     | 3     | 2     | 2     | 2     | 4     | 4     | 2     | 4     | 4     | 2     | 4     | 2     | 2     | 2     | 1     |   |
| 68              | 4     | 4     | 1     | 3     | 2     | 3     | 3     | 1     | 1     | 2     | 3     | 3     | 1     | 1     | 4     | 4     | 3     | 3     | 3     | 2     | 4     | 3     | 0     | 2     | 1     |   |
| 69              | 3     | 2     | 1     | 3     | 2     | 1     | 4     | 0     | 1     | 3     | 2     | 4     | 0     | 0     | 4     | 4     | 3     | 3     | 2     | 3     | 3     | 1     | 2     | 2     | 0     |   |
| 70              | 4     | 3     | 1     | 2     | 4     | 0     | 4     | 1     | 0     | 1     | 3     | 2     | 0     | 2     | 4     | 4     | 2     | 4     | 2     | 4     | 2     | 2     | 1     | 3     | 0     |   |
| 71              | 3     | 2     | 1     | 3     | 2     | 2     | 2     | 1     | 1     | 1     | 1     | 1     | 2     | 0     | 1     | 3     | 3     | 2     | 3     | 3     | 3     | 3     | 1     | 2     | 1     | 1 |
| 72              | 2     | 2     | 2     | 2     | 2     | 3     | 2     | 1     | 3     | 3     | 3     | 3     | 2     | 1     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 2     | 3     | 3     | 3     |   |
| 73              | 4     | 4     | 3     | 4     | 3     | 4     | 1     | 1     | 1     | 3     | 4     | 4     | 4     | 2     | 3     | 3     | 2     | 3     | 2     | 3     | 4     | 2     | 2     | 3     | 0     |   |
| 74              | 4     | 4     | 2     | 4     | 3     | 3     | 3     | 3     | 2     | 3     | 3     | 2     | 2     | 2     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 2     | 2     | 3     | 2     |   |
| 75              | 3     | 3     | 2     | 3     | 2     | 2     | 3     | 1     | 3     | 3     | 4     | 4     | 0     | 2     | 4     | 4     | 2     | 3     | 2     | 3     | 2     | 2     | 3     | 3     | 2     |   |
| 76              | 2     | 3     | 3     | 3     | 2     | 3     | 3     | 2     | 2     | 4     | 4     | 4     | 4     | 3     | 4     | 4     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 1     |   |
| 77              | 2     | 3     | 3     | 4     | 2     | 2     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 2     | 4     | 4     | 2     | 4     | 4     | 4     |   |
| 78              | 3     | 3     | 2     | 4     | 4     | 4     | 3     | 2     | 2     | 2     | 3     | 3     | 2     | 1     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 2     | 2     | 2     | 2     |   |
| 79              | 4     | 4     | 2     | 3     | 4     | 4     | 3     | 2     | 2     | 2     | 4     | 4     | 3     | 3     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 3     | 2     | 2     | 3     |   |
| 80              | 4     | 4     | 2     | 3     | 3     | 3     | 4     | 3     | 2     | 2     | 2     | 0     | 4     | 3     | 4     | 4     | 4     | 4     | 4     | 3     | 3     | 3     | 2     | 2     | 2     |   |
| ΣX              | 253   | 237   | 149   | 223   | 190   | 200   | 214   | 153   | 172   | 211   | 262   | 243   | 152   | 138   | 311   | 298   | 223   | 247   | 217   | 254   | 262   | 167   | 207   | 234   | 135   |   |
| ΣX <sup>2</sup> | 854   | 741   | 308   | 637   | 473   | 518   | 603   | 343   | 397   | 551   | 843   | 715   | 367   | 264   | 1118  | 580   | 429   | 699   | 530   | 732   | 767   | 311   | 468   | 592   | 238   |   |
| ΣXY             | 30805 | 29003 | 18309 | 27013 | 22745 | 24063 | 25266 | 18230 | 20366 | 24865 | 31023 | 28374 | 17929 | 15524 | 36133 | 1157  | 856   | 28108 | 24405 | 28826 | 29726 | 17898 | 22685 | 25843 | 13926 |   |
| riX             | 0.2   | 0.456 | 0.607 | 0.478 | 0.296 | 0.503 | 0.125 | 0.468 | 0.482 | 0.466 | 0.506 | 0.333 | 0.623 | 0.372 | 0.312 | 0.453 | 0.515 | 0.327 | 0.401 | 0.418 | 0.503 | 0.291 | 0.357 | 0.379 | 0.409 |   |
| Ket             | Gugur | Valid | Valid | Valid | Gugur | Valid | Gugur | Valid | Valid | Valid | Valid | Valid | Valid | Valid | Valid | Valid | Valid | Valid | Valid | Valid | Valid | Gugur | Valid | Valid | Valid |   |

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|       |       |       |       |       |       |       |       |       |       |       |        |       |       |       |       |       |       |       |       |       |       |       |       |       |      |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| 0     | 0     | 2     | 2     | 0     | 3     | 0     | 4     | 0     | 2     | 1     | 0      | 1     | 2     | 3     | 4     | 3     | 2     | 1     | 0     | 0     | 2     | 2     | 3     | 1     | 85   |
| 3     | 2     | 4     | 4     | 4     | 4     | 4     | 3     | 4     | 3     | 3     | 2      | 2     | 4     | 4     | 4     | 4     | 3     | 3     | 3     | 2     | 2     | 4     | 4     | 2     | 153  |
| 1     | 1     | 3     | 2     | 2     | 3     | 2     | 3     | 3     | 2     | 3     | 3      | 2     | 3     | 3     | 3     | 3     | 2     | 3     | 3     | 3     | 3     | 2     | 4     | 0     | 123  |
| 1     | 0     | 4     | 2     | 2     | 2     | 1     | 3     | 2     | 3     | 2     | 2      | 0     | 2     | 2     | 3     | 3     | 3     | 2     | 3     | 2     | 3     | 2     | 3     | 2     | 110  |
| 2     | 0     | 4     | 2     | 1     | 4     | 3     | 3     | 3     | 2     | 2     | 1      | 1     | 3     | 4     | 3     | 3     | 1     | 2     | 3     | 3     | 2     | 2     | 4     | 1     | 118  |
| 2     | 0     | 4     | 4     | 3     | 3     | 2     | 3     | 2     | 3     | 2     | 2      | 1     | 3     | 3     | 3     | 3     | 4     | 3     | 3     | 3     | 3     | 2     | 3     | 1     | 130  |
| 2     | 2     | 3     | 2     | 2     | 2     | 2     | 3     | 2     | 3     | 3     | 3      | 3     | 2     | 3     | 2     | 3     | 1     | 3     | 3     | 3     | 2     | 2     | 2     | 2     | 117  |
| 1     | 1     | 3     | 3     | 4     | 3     | 2     | 3     | 2     | 1     | 1     | 1      | 1     | 4     | 4     | 2     | 4     | 2     | 4     | 2     | 3     | 2     | 3     | 3     | 2     | 130  |
| 0     | 0     | 4     | 4     | 2     | 3     | 4     | 0     | 0     | 4     | 2     | 2      | 0     | 4     | 4     | 2     | 4     | 4     | 1     | 0     | 3     | 4     | 3     | 3     | 2     | 141  |
| 0     | 0     | 4     | 1     | 2     | 2     | 0     | 1     | 0     | 2     | 1     | 0      | 0     | 1     | 3     | 3     | 4     | 4     | 1     | 0     | 1     | 2     | 2     | 4     | 1     | 102  |
| 1     | 1     | 4     | 2     | 2     | 3     | 2     | 2     | 1     | 2     | 1     | 1      | 1     | 3     | 3     | 2     | 3     | 3     | 2     | 2     | 2     | 2     | 2     | 2     | 0     | 101  |
| 0     | 1     | 4     | 2     | 2     | 4     | 1     | 3     | 1     | 3     | 1     | 1      | 1     | 3     | 3     | 2     | 3     | 3     | 3     | 2     | 3     | 2     | 3     | 4     | 0     | 119  |
| 0     | 1     | 4     | 2     | 2     | 4     | 1     | 3     | 1     | 3     | 1     | 1      | 1     | 3     | 3     | 2     | 3     | 3     | 3     | 2     | 3     | 2     | 3     | 4     | 0     | 117  |
| 1     | 0     | 4     | 2     | 1     | 3     | 1     | 3     | 1     | 3     | 2     | 2      | 1     | 3     | 4     | 3     | 4     | 3     | 3     | 1     | 2     | 3     | 3     | 4     | 1     | 124  |
| 1     | 1     | 4     | 2     | 2     | 4     | 4     | 4     | 3     | 2     | 2     | 2      | 2     | 2     | 2     | 2     | 3     | 4     | 3     | 2     | 2     | 4     | 2     | 3     | 0     | 118  |
| 0     | 1     | 3     | 2     | 2     | 2     | 1     | 2     | 1     | 3     | 2     | 2      | 1     | 2     | 2     | 2     | 3     | 3     | 2     | 1     | 2     | 2     | 2     | 3     | 2     | 104  |
| 0     | 1     | 4     | 4     | 2     | 4     | 2     | 1     | 2     | 1     | 2     | 0      | 1     | 2     | 3     | 2     | 4     | 2     | 2     | 2     | 1     | 2     | 2     | 4     | 0     | 103  |
| 2     | 2     | 1     | 2     | 2     | 3     | 1     | 2     | 1     | 2     | 2     | 1      | 1     | 3     | 3     | 3     | 3     | 3     | 1     | 2     | 2     | 3     | 1     | 3     | 1     | 117  |
| 1     | 2     | 3     | 3     | 1     | 3     | 2     | 3     | 2     | 1     | 1     | 1      | 2     | 2     | 2     | 2     | 3     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 106  |
| 1     | 2     | 3     | 2     | 3     | 3     | 2     | 3     | 2     | 3     | 2     | 2      | 2     | 2     | 2     | 2     | 3     | 3     | 2     | 3     | 2     | 3     | 2     | 4     | 3     | 135  |
| 3     | 1     | 3     | 3     | 2     | 3     | 2     | 3     | 2     | 2     | 2     | 3      | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 1     | 120  |
| 1     | 1     | 3     | 3     | 3     | 4     | 1     | 4     | 4     | 4     | 3     | 1      | 1     | 3     | 3     | 2     | 4     | 4     | 4     | 4     | 4     | 4     | 3     | 4     | 2     | 146  |
| 0     | 0     | 4     | 2     | 2     | 3     | 3     | 2     | 1     | 1     | 1     | 1      | 1     | 3     | 3     | 2     | 3     | 3     | 1     | 0     | 1     | 1     | 4     | 4     | 0     | 93   |
| 1     | 1     | 4     | 3     | 2     | 2     | 2     | 3     | 1     | 2     | 2     | 3      | 3     | 3     | 3     | 2     | 3     | 4     | 2     | 1     | 2     | 3     | 2     | 4     | 1     | 120  |
| 1     | 0     | 4     | 2     | 1     | 3     | 2     | 2     | 2     | 3     | 1     | 1      | 1     | 2     | 3     | 2     | 3     | 2     | 3     | 2     | 2     | 2     | 2     | 3     | 1     | 101  |
| 1     | 1     | 3     | 2     | 2     | 4     | 2     | 3     | 3     | 3     | 2     | 2      | 2     | 4     | 4     | 2     | 3     | 3     | 2     | 2     | 3     | 3     | 3     | 3     | 1     | 131  |
| 2     | 2     | 4     | 4     | 2     | 4     | 4     | 2     | 2     | 2     | 2     | 2      | 1     | 4     | 4     | 4     | 4     | 2     | 2     | 2     | 3     | 2     | 2     | 3     | 0     | 128  |
| 1     | 0     | 4     | 4     | 2     | 4     | 1     | 3     | 1     | 1     | 2     | 1      | 0     | 4     | 3     | 2     | 4     | 3     | 3     | 2     | 3     | 3     | 2     | 4     | 1     | 119  |
| 1     | 0     | 4     | 3     | 2     | 3     | 2     | 2     | 1     | 3     | 1     | 1      | 0     | 3     | 3     | 3     | 3     | 2     | 1     | 0     | 2     | 3     | 3     | 4     | 2     | 105  |
| 1     | 0     | 4     | 3     | 2     | 4     | 1     | 2     | 1     | 2     | 1     | 0      | 0     | 2     | 3     | 4     | 4     | 2     | 3     | 2     | 3     | 4     | 2     | 2     | 0     | 107  |
| 0     | 0     | 4     | 3     | 2     | 3     | 3     | 2     | 1     | 1     | 1     | 1      | 1     | 3     | 3     | 2     | 3     | 3     | 1     | 0     | 1     | 1     | 4     | 4     | 0     | 94   |
| 2     | 1     | 3     | 3     | 3     | 3     | 3     | 2     | 2     | 3     | 2     | 3      | 2     | 3     | 3     | 3     | 3     | 3     | 2     | 2     | 2     | 3     | 2     | 3     | 2     | 126  |
| 4     | 1     | 3     | 4     | 3     | 4     | 2     | 3     | 4     | 2     | 4     | 1      | 1     | 4     | 4     | 2     | 4     | 4     | 4     | 4     | 2     | 4     | 2     | 4     | 2     | 145  |
| 2     | 2     | 3     | 3     | 4     | 4     | 4     | 4     | 4     | 3     | 3     | 4      | 1     | 4     | 4     | 4     | 4     | 4     | 0     | 3     | 3     | 4     | 3     | 2     | 3     | 156  |
| 3     | 0     | 3     | 1     | 2     | 3     | 3     | 3     | 1     | 3     | 2     | 3      | 0     | 3     | 3     | 2     | 3     | 3     | 3     | 3     | 3     | 3     | 2     | 2     | 2     | 124  |
| 3     | 2     | 3     | 3     | 3     | 2     | 1     | 3     | 3     | 3     | 3     | 3      | 3     | 3     | 3     | 2     | 3     | 4     | 3     | 3     | 3     | 4     | 2     | 4     | 2     | 146  |
| 2     | 2     | 2     | 2     | 4     | 4     | 4     | 4     | 2     | 4     | 4     | 4      | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 2     | 3     | 4     | 4     | 2     | 173  |
| 1     | 1     | 3     | 3     | 2     | 4     | 4     | 4     | 1     | 2     | 2     | 1      | 1     | 4     | 4     | 4     | 4     | 4     | 4     | 3     | 4     | 4     | 3     | 4     | 1     | 146  |
| 3     | 3     | 2     | 4     | 3     | 4     | 2     | 3     | 3     | 3     | 3     | 3      | 3     | 3     | 4     | 4     | 4     | 3     | 3     | 3     | 3     | 3     | 2     | 4     | 1     | 158  |
| 2     | 2     | 4     | 4     | 2     | 4     | 3     | 0     | 2     | 3     | 3     | 3      | 3     | 1     | 2     | 3     | 4     | 4     | 3     | 4     | 4     | 4     | 2     | 4     | 2     | 146  |
| 144   | 103   | 287   | 241   | 204   | 284   | 194   | 238   | 186   | 235   | 199   | 176    | 138   | 258   | 273   | 246   | 308   | 271   | 240   | 215   | 226   | 252   | 236   | 314   | 159   | 9704 |
| 248   | 116   | 889   | 622   | 426   | 845   | 398   | 599   | 356   | 548   | 383   | 323    | 188   | 647   | 721   | 573   | 908   | 698   | 548   | 444   | 472   | 591   | 492   | 915   | 205   |      |
| 14991 | 9549  | 31364 | 26211 | 21817 | 31115 | 20124 | 25253 | 18992 | 24780 | 20416 | 117650 | 12388 | 27119 | 28744 | 25261 | 32585 | 28146 | 24437 | 21532 | 22470 | 25318 | 23182 | 32286 | ##### |      |
| 0.515 | 0.326 | -0.05 | 0.417 | 0.673 | 0.415 | 0.37  | 0.294 | 0.442 | 0.49  | 0.59  | 0.571  | 0.212 | 0.525 | 0.483 | 0.373 | 0.43  | 0.461 | 0.525 | 0.654 | 0.507 | 0.364 | 0.348 | 0.152 | 0.383 |      |
| Valid | Valid | Gugur | Valid | Valid | Valid | Valid | Gugur | Valid | Valid | Valid | Valid  | Gugur | Valid | Valid | Valid | Valid | Valid | Valid | Valid | Valid | Valid | Valid | Gugur | Valid |      |

### Lampiran 8. Perhitungan Reliabilitas Skala Optimisme

| Sby | Pernyataan |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |
|-----|------------|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|--|--|--|
|     | 2          | 3 | 4 | 6 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 23 | 24 | 25 |  |  |  |  |
| 1   | 2          | 2 | 2 | 2 | 1 | 2 | 2  | 3  | 2  | 2  | 1  | 2  | 3  | 2  | 2  | 3  | 2  | 3  | 3  | 2  | 2  |  |  |  |  |
| 2   | 3          | 3 | 2 | 2 | 1 | 2 | 3  | 3  | 3  | 1  | 2  | 4  | 3  | 3  | 3  | 2  | 3  | 3  | 2  | 3  | 2  |  |  |  |  |
| 3   | 4          | 2 | 3 | 3 | 2 | 2 | 2  | 4  | 3  | 0  | 1  | 4  | 4  | 3  | 1  | 3  | 3  | 4  | 2  | 2  | 3  |  |  |  |  |
| 4   | 2          | 2 | 3 | 2 | 2 | 1 | 2  | 3  | 2  | 4  | 2  | 4  | 4  | 3  | 3  | 2  | 4  | 4  | 2  | 1  | 0  |  |  |  |  |
| 5   | 4          | 3 | 4 | 1 | 0 | 0 | 1  | 2  | 3  | 0  | 1  | 2  | 4  | 3  | 4  | 4  | 4  | 3  | 1  | 2  | 1  |  |  |  |  |
| 6   | 3          | 2 | 3 | 3 | 3 | 2 | 3  | 2  | 2  | 3  | 2  | 3  | 4  | 3  | 4  | 3  | 2  | 2  | 3  | 2  | 0  |  |  |  |  |
| 7   | 4          | 2 | 2 | 2 | 2 | 2 | 3  | 4  | 4  | 3  | 0  | 4  | 4  | 2  | 2  | 2  | 3  | 4  | 3  | 3  | 0  |  |  |  |  |
| 8   | 2          | 2 | 2 | 2 | 3 | 2 | 2  | 3  | 2  | 2  | 1  | 2  | 3  | 2  | 2  | 3  | 2  | 3  | 3  | 2  | 2  |  |  |  |  |
| 9   | 3          | 3 | 4 | 3 | 2 | 4 | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 3  | 3  | 3  | 3  | 3  | 4  | 4  | 2  |  |  |  |  |
| 10  | 2          | 2 | 3 | 2 | 2 | 2 | 3  | 3  | 3  | 1  | 2  | 3  | 3  | 2  | 3  | 2  | 3  | 2  | 2  | 2  | 2  |  |  |  |  |
| 11  | 3          | 2 | 3 | 2 | 0 | 2 | 2  | 3  | 3  | 2  | 1  | 4  | 4  | 3  | 2  | 2  | 3  | 2  | 2  | 2  | 2  |  |  |  |  |
| 12  | 4          | 4 | 4 | 3 | 4 | 4 | 4  | 4  | 4  | 4  | 2  | 4  | 4  | 4  | 4  | 3  | 4  | 4  | 4  | 4  | 4  |  |  |  |  |
| 13  | 2          | 2 | 3 | 2 | 1 | 2 | 2  | 2  | 3  | 1  | 2  | 4  | 4  | 3  | 2  | 2  | 4  | 3  | 3  | 3  | 2  |  |  |  |  |
| 14  | 3          | 2 | 2 | 2 | 3 | 3 | 3  | 3  | 3  | 2  | 2  | 4  | 4  | 2  | 3  | 2  | 2  | 3  | 2  | 3  | 1  |  |  |  |  |
| 15  | 2          | 2 | 2 | 2 | 1 | 2 | 3  | 2  | 3  | 1  | 1  | 3  | 3  | 2  | 3  | 2  | 3  | 3  | 3  | 3  | 2  |  |  |  |  |
| 16  | 4          | 1 | 3 | 2 | 1 | 1 | 2  | 4  | 2  | 0  | 3  | 4  | 4  | 4  | 3  | 2  | 2  | 3  | 2  | 2  | 2  |  |  |  |  |
| 17  | 3          | 2 | 2 | 1 | 2 | 2 | 3  | 3  | 3  | 1  | 1  | 4  | 2  | 2  | 3  | 2  | 3  | 3  | 2  | 3  | 1  |  |  |  |  |
| 18  | 4          | 1 | 3 | 2 | 2 | 3 | 2  | 4  | 3  | 2  | 3  | 4  | 4  | 2  | 2  | 3  | 4  | 4  | 3  | 3  | 2  |  |  |  |  |
| 19  | 3          | 2 | 4 | 3 | 1 | 2 | 2  | 4  | 4  | 1  | 1  | 3  | 4  | 2  | 3  | 2  | 3  | 3  | 3  | 2  | 0  |  |  |  |  |
| 20  | 2          | 0 | 2 | 2 | 1 | 1 | 1  | 0  | 2  | 0  | 3  | 4  | 4  | 4  | 4  | 2  | 3  | 3  | 2  | 2  | 3  |  |  |  |  |
| 21  | 3          | 2 | 3 | 3 | 1 | 2 | 2  | 3  | 3  | 3  | 1  | 4  | 3  | 3  | 3  | 2  | 4  | 3  | 3  | 3  | 1  |  |  |  |  |
| 22  | 3          | 1 | 3 | 3 | 2 | 2 | 2  | 3  | 3  | 2  | 1  | 4  | 4  | 2  | 2  | 2  | 2  | 2  | 2  | 3  | 1  |  |  |  |  |
| 23  | 2          | 1 | 3 | 3 | 0 | 4 | 2  | 3  | 2  | 1  | 1  | 3  | 3  | 2  | 3  | 2  | 2  | 3  | 3  | 3  | 3  |  |  |  |  |
| 24  | 3          | 2 | 3 | 3 | 1 | 4 | 4  | 4  | 4  | 4  | 1  | 4  | 4  | 4  | 3  | 3  | 4  | 4  | 4  | 4  | 1  |  |  |  |  |
| 25  | 4          | 1 | 3 | 3 | 2 | 3 | 3  | 4  | 2  | 1  | 1  | 4  | 3  | 2  | 3  | 3  | 2  | 2  | 2  | 3  | 1  |  |  |  |  |
| 26  | 4          | 2 | 2 | 2 | 3 | 2 | 3  | 4  | 3  | 1  | 1  | 4  | 4  | 2  | 3  | 2  | 2  | 3  | 2  | 3  | 2  |  |  |  |  |
| 27  | 3          | 1 | 2 | 2 | 1 | 2 | 2  | 3  | 2  | 0  | 1  | 4  | 3  | 2  | 2  | 3  | 2  | 2  | 2  | 2  | 1  |  |  |  |  |
| 28  | 3          | 2 | 2 | 2 | 1 | 2 | 3  | 3  | 3  | 2  | 1  | 4  | 2  | 2  | 2  | 2  | 2  | 3  | 2  | 2  | 2  |  |  |  |  |
| 29  | 3          | 2 | 2 | 2 | 1 | 2 | 3  | 3  | 3  | 2  | 1  | 3  | 3  | 2  | 2  | 2  | 2  | 3  | 2  | 2  | 2  |  |  |  |  |
| 30  | 3          | 2 | 3 | 3 | 1 | 2 | 3  | 3  | 3  | 1  | 2  | 4  | 3  | 2  | 3  | 2  | 3  | 3  | 3  | 3  | 2  |  |  |  |  |
| 31  | 2          | 2 | 2 | 2 | 3 | 2 | 2  | 3  | 3  | 2  | 2  | 4  | 3  | 3  | 3  | 2  | 3  | 3  | 2  | 2  | 2  |  |  |  |  |
| 32  | 3          | 2 | 3 | 3 | 2 | 2 | 3  | 3  | 3  | 2  | 1  | 3  | 3  | 2  | 3  | 2  | 3  | 3  | 2  | 2  | 1  |  |  |  |  |
| 33  | 3          | 2 | 2 | 2 | 2 | 3 | 3  | 3  | 3  | 1  | 1  | 4  | 3  | 3  | 3  | 2  | 3  | 3  | 3  | 2  | 1  |  |  |  |  |
| 34  | 4          | 2 | 3 | 4 | 2 | 2 | 4  | 4  | 4  | 1  | 1  | 4  | 4  | 2  | 3  | 3  | 3  | 3  | 2  | 3  | 2  |  |  |  |  |
| 35  | 3          | 2 | 3 | 3 | 2 | 2 | 3  | 4  | 4  | 1  | 1  | 4  | 4  | 2  | 3  | 3  | 4  | 4  | 2  | 3  | 2  |  |  |  |  |
| 36  | 4          | 2 | 2 | 3 | 2 | 2 | 3  | 4  | 3  | 1  | 1  | 4  | 4  | 2  | 3  | 3  | 3  | 4  | 2  | 3  | 2  |  |  |  |  |
| 37  | 4          | 1 | 2 | 2 | 1 | 1 | 2  | 4  | 2  | 3  | 4  | 4  | 4  | 1  | 2  | 3  | 4  | 2  | 1  | 2  | 1  |  |  |  |  |
| 38  | 2          | 2 | 2 | 2 | 2 | 3 | 3  | 2  | 3  | 2  | 1  | 3  | 3  | 3  | 2  | 2  | 2  | 2  | 2  | 2  | 3  |  |  |  |  |
| 39  | 1          | 0 | 1 | 1 | 2 | 2 | 3  | 4  | 2  | 2  | 2  | 3  | 3  | 1  | 2  | 1  | 2  | 2  | 2  | 3  | 0  |  |  |  |  |
| 40  | 2          | 2 | 3 | 2 | 3 | 2 | 2  | 4  | 2  | 3  | 2  | 4  | 3  | 2  | 3  | 2  | 2  | 4  | 2  | 3  | 0  |  |  |  |  |

## Lanjutan

| Pernyataan |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | Y  | Y'2 |       |
|------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-------|
| 26         | 27 | 29 | 30 | 31 | 32 | 34 | 35 | 36 | 37 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 50 |     |       |
| 1          | 1  | 2  | 2  | 3  | 2  | 2  | 2  | 3  | 2  | 2  | 3  | 2  | 3  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 89  | 7921  |
| 3          | 1  | 3  | 3  | 3  | 2  | 2  | 2  | 3  | 1  | 3  | 3  | 3  | 3  | 3  | 3  | 2  | 2  | 3  | 2  | 2  | 105 | 11025 |
| 3          | 1  | 3  | 2  | 3  | 1  | 3  | 3  | 3  | 3  | 4  | 4  | 3  | 4  | 2  | 4  | 3  | 3  | 2  | 3  | 1  | 113 | 12769 |
| 2          | 2  | 4  | 1  | 4  | 4  | 2  | 2  | 1  | 3  | 4  | 4  | 4  | 4  | 4  | 3  | 4  | 4  | 2  | 4  | 0  | 114 | 12996 |
| 0          | 2  | 4  | 1  | 4  | 3  | 2  | 3  | 1  | 0  | 3  | 2  | 3  | 4  | 2  | 1  | 1  | 0  | 0  | 3  | 0  | 86  | 7396  |
| 2          | 2  | 4  | 3  | 4  | 3  | 2  | 1  | 2  | 1  | 2  | 1  | 2  | 3  | 2  | 1  | 0  | 2  | 0  | 3  | 2  | 96  | 9216  |
| 2          | 0  | 4  | 2  | 4  | 1  | 2  | 3  | 2  | 2  | 2  | 4  | 2  | 4  | 4  | 3  | 2  | 1  | 2  | 2  | 2  | 105 | 11025 |
| 1          | 1  | 2  | 2  | 3  | 2  | 2  | 2  | 3  | 2  | 2  | 3  | 2  | 3  | 2  | 2  | 2  | 3  | 3  | 1  | 2  | 92  | 8464  |
| 2          | 0  | 2  | 4  | 4  | 2  | 1  | 4  | 1  | 2  | 3  | 3  | 1  | 4  | 3  | 3  | 2  | 2  | 4  | 4  | 2  | 125 | 15625 |
| 2          | 1  | 3  | 2  | 3  | 2  | 3  | 2  | 3  | 3  | 2  | 2  | 3  | 3  | 3  | 3  | 3  | 2  | 3  | 2  | 2  | 101 | 10201 |
| 1          | 1  | 2  | 2  | 3  | 2  | 2  | 2  | 3  | 2  | 3  | 4  | 2  | 4  | 3  | 2  | 2  | 2  | 2  | 2  | 0  | 95  | 9025  |
| 1          | 1  | 4  | 4  | 4  | 3  | 1  | 4  | 4  | 4  | 3  | 3  | 3  | 3  | 4  | 4  | 4  | 2  | 1  | 4  | 2  | 143 | 20449 |
| 0          | 1  | 2  | 3  | 2  | 1  | 2  | 2  | 1  | 2  | 2  | 2  | 2  | 3  | 4  | 2  | 1  | 1  | 3  | 3  | 2  | 93  | 8649  |
| 3          | 1  | 4  | 2  | 4  | 1  | 2  | 3  | 2  | 2  | 4  | 3  | 4  | 4  | 2  | 3  | 2  | 3  | 3  | 2  | 2  | 110 | 12100 |
| 2          | 2  | 2  | 1  | 2  | 1  | 3  | 3  | 2  | 2  | 2  | 2  | 3  | 3  | 3  | 2  | 2  | 2  | 2  | 2  | 2  | 93  | 8649  |
| 1          | 1  | 4  | 2  | 2  | 2  | 3  | 2  | 3  | 1  | 3  | 3  | 4  | 4  | 2  | 2  | 2  | 2  | 2  | 1  | 2  | 99  | 9801  |
| 1          | 0  | 1  | 2  | 3  | 2  | 1  | 2  | 1  | 1  | 2  | 2  | 2  | 2  | 3  | 2  | 1  | 0  | 2  | 2  | 0  | 80  | 6400  |
| 2          | 1  | 2  | 2  | 2  | 1  | 2  | 2  | 1  | 0  | 2  | 2  | 2  | 3  | 3  | 4  | 2  | 2  | 2  | 2  | 2  | 101 | 10201 |
| 1          | 0  | 2  | 2  | 3  | 2  | 1  | 2  | 2  | 3  | 3  | 3  | 3  | 4  | 2  | 3  | 2  | 1  | 2  | 2  | 1  | 96  | 9216  |
| 1          | 1  | 2  | 2  | 4  | 2  | 0  | 2  | 2  | 2  | 3  | 3  | 2  | 3  | 3  | 1  | 1  | 2  | 3  | 2  | 0  | 86  | 7396  |
| 1          | 2  | 2  | 2  | 2  | 2  | 2  | 3  | 2  | 2  | 2  | 2  | 2  | 3  | 3  | 2  | 2  | 3  | 1  | 2  | 1  | 98  | 9604  |
| 0          | 0  | 2  | 2  | 3  | 2  | 1  | 3  | 2  | 1  | 2  | 2  | 2  | 4  | 3  | 1  | 1  | 1  | 3  | 3  | 2  | 89  | 7921  |
| 3          | 1  | 3  | 2  | 3  | 3  | 3  | 3  | 2  | 1  | 3  | 3  | 3  | 3  | 3  | 2  | 2  | 1  | 1  | 1  | 2  | 97  | 9409  |
| 3          | 1  | 4  | 3  | 4  | 2  | 3  | 4  | 1  | 2  | 3  | 3  | 3  | 3  | 2  | 3  | 2  | 4  | 3  | 3  | 2  | 126 | 15876 |
| 3          | 1  | 2  | 2  | 3  | 2  | 2  | 3  | 2  | 2  | 2  | 3  | 2  | 4  | 2  | 3  | 2  | 4  | 2  | 3  | 1  | 102 | 10404 |
| 1          | 1  | 2  | 2  | 2  | 2  | 1  | 3  | 2  | 1  | 2  | 2  | 2  | 3  | 2  | 3  | 3  | 3  | 2  | 2  | 1  | 96  | 9216  |
| 1          | 0  | 2  | 2  | 2  | 2  | 2  | 3  | 2  | 0  | 2  | 2  | 2  | 3  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 81  | 6561  |
| 1          | 2  | 2  | 2  | 3  | 2  | 2  | 2  | 1  | 1  | 2  | 3  | 2  | 3  | 2  | 2  | 1  | 2  | 2  | 2  | 2  | 88  | 7744  |
| 2          | 2  | 3  | 2  | 3  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 3  | 2  | 2  | 2  | 3  | 2  | 2  | 93  | 8649  |
| 1          | 1  | 2  | 2  | 2  | 1  | 2  | 3  | 1  | 1  | 2  | 2  | 2  | 3  | 3  | 3  | 3  | 3  | 3  | 2  | 2  | 98  | 9604  |
| 2          | 1  | 2  | 2  | 4  | 1  | 3  | 2  | 2  | 2  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 2  | 1  | 103 | 10609 |
| 2          | 1  | 3  | 2  | 3  | 2  | 2  | 3  | 2  | 1  | 2  | 2  | 2  | 3  | 3  | 1  | 2  | 1  | 3  | 2  | 1  | 94  | 8836  |
| 1          | 1  | 2  | 2  | 4  | 2  | 2  | 3  | 2  | 2  | 2  | 3  | 2  | 3  | 3  | 2  | 2  | 1  | 3  | 1  | 2  | 97  | 9409  |
| 2          | 0  | 3  | 3  | 3  | 2  | 2  | 3  | 2  | 3  | 3  | 3  | 4  | 4  | 4  | 3  | 3  | 2  | 2  | 3  | 1  | 115 | 13225 |
| 2          | 0  | 2  | 3  | 4  | 2  | 2  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 2  | 2  | 3  | 2  | 3  | 113 | 12769 |
| 2          | 1  | 4  | 2  | 4  | 2  | 3  | 3  | 3  | 1  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 2  | 2  | 2  | 2  | 111 | 12321 |
| 3          | 0  | 2  | 2  | 3  | 2  | 2  | 1  | 3  | 1  | 4  | 4  | 2  | 4  | 2  | 4  | 3  | 2  | 3  | 4  | 2  | 103 | 10609 |
| 1          | 1  | 2  | 2  | 2  | 2  | 1  | 3  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 4  | 3  | 2  | 91  | 8281  |
| 2          | 1  | 2  | 1  | 2  | 1  | 2  | 2  | 2  | 3  | 2  | 2  | 1  | 3  | 2  | 3  | 3  | 2  | 4  | 0  | 0  | 79  | 6241  |
| 1          | 1  | 2  | 1  | 2  | 1  | 1  | 2  | 2  | 0  | 3  | 2  | 2  | 3  | 2  | 3  | 1  | 3  | 2  | 2  | 1  | 89  | 7921  |

## Lanjutan

|              |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 41           | 2     | 0     | 2     | 3     | 2     | 0     | 2     | 2     | 3     | 0     | 0     | 4     | 3     | 2     | 3     | 2     | 2     | 3     | 2     | 2     | 0     |
| 42           | 4     | 2     | 3     | 3     | 2     | 2     | 2     | 3     | 3     | 3     | 2     | 4     | 4     | 3     | 4     | 4     | 3     | 4     | 2     | 2     | 3     |
| 43           | 3     | 2     | 2     | 2     | 3     | 3     | 2     | 3     | 3     | 1     | 2     | 4     | 4     | 2     | 2     | 2     | 2     | 2     | 2     | 3     | 2     |
| 44           | 3     | 1     | 3     | 2     | 0     | 1     | 2     | 3     | 3     | 1     | 1     | 4     | 4     | 3     | 3     | 2     | 3     | 2     | 2     | 2     | 1     |
| 45           | 3     | 1     | 3     | 3     | 3     | 1     | 2     | 4     | 3     | 0     | 1     | 4     | 4     | 3     | 3     | 4     | 2     | 3     | 2     | 2     | 1     |
| 46           | 3     | 2     | 3     | 3     | 1     | 3     | 3     | 3     | 3     | 1     | 1     | 3     | 3     | 3     | 2     | 3     | 4     | 4     | 2     | 3     | 2     |
| 47           | 2     | 1     | 3     | 2     | 2     | 2     | 2     | 3     | 2     | 3     | 4     | 4     | 4     | 2     | 2     | 2     | 1     | 2     | 2     | 3     | 2     |
| 48           | 4     | 2     | 3     | 3     | 2     | 3     | 3     | 4     | 4     | 3     | 2     | 4     | 4     | 3     | 3     | 3     | 2     | 3     | 2     | 4     | 0     |
| 49           | 2     | 3     | 4     | 3     | 4     | 4     | 4     | 4     | 4     | 4     | 1     | 4     | 4     | 4     | 4     | 2     | 4     | 4     | 4     | 4     | 0     |
| 50           | 3     | 2     | 3     | 3     | 0     | 2     | 3     | 3     | 4     | 0     | 3     | 4     | 4     | 3     | 3     | 3     | 3     | 3     | 2     | 3     | 0     |
| 51           | 1     | 1     | 2     | 1     | 2     | 2     | 2     | 3     | 3     | 1     | 1     | 4     | 4     | 2     | 3     | 2     | 2     | 2     | 2     | 3     | 0     |
| 52           | 3     | 2     | 3     | 2     | 1     | 2     | 3     | 3     | 3     | 2     | 2     | 4     | 4     | 2     | 4     | 2     | 3     | 2     | 3     | 3     | 0     |
| 53           | 3     | 2     | 3     | 2     | 1     | 2     | 3     | 3     | 3     | 1     | 2     | 4     | 3     | 3     | 3     | 2     | 3     | 2     | 3     | 3     | 0     |
| 54           | 4     | 2     | 4     | 4     | 1     | 1     | 1     | 4     | 3     | 0     | 0     | 4     | 4     | 3     | 3     | 2     | 3     | 4     | 1     | 3     | 2     |
| 55           | 3     | 2     | 2     | 2     | 2     | 2     | 2     | 4     | 3     | 2     | 0     | 4     | 3     | 2     | 2     | 1     | 4     | 2     | 2     | 2     | 0     |
| 56           | 2     | 1     | 2     | 3     | 2     | 1     | 2     | 3     | 3     | 1     | 1     | 4     | 3     | 2     | 2     | 2     | 2     | 3     | 2     | 2     | 2     |
| 57           | 4     | 1     | 2     | 3     | 1     | 1     | 2     | 1     | 1     | 1     | 0     | 4     | 3     | 2     | 3     | 2     | 4     | 4     | 2     | 3     | 0     |
| 58           | 3     | 2     | 3     | 2     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 1     | 2     | 3     | 3     | 2     | 3     | 3     |
| 59           | 2     | 2     | 2     | 2     | 2     | 2     | 3     | 4     | 3     | 2     | 1     | 3     | 2     | 2     | 2     | 2     | 3     | 2     | 2     | 3     | 0     |
| 60           | 4     | 3     | 3     | 3     | 4     | 3     | 3     | 3     | 3     | 2     | 1     | 4     | 3     | 3     | 2     | 2     | 3     | 3     | 4     | 4     | 1     |
| 61           | 3     | 1     | 2     | 2     | 3     | 1     | 2     | 3     | 2     | 3     | 1     | 3     | 3     | 2     | 2     | 2     | 3     | 3     | 1     | 2     | 1     |
| 62           | 3     | 3     | 3     | 4     | 3     | 3     | 3     | 4     | 3     | 3     | 1     | 4     | 4     | 2     | 3     | 3     | 3     | 3     | 3     | 4     | 1     |
| 63           | 2     | 1     | 3     | 2     | 1     | 1     | 1     | 1     | 2     | 0     | 1     | 3     | 3     | 2     | 3     | 3     | 3     | 3     | 2     | 1     | 1     |
| 64           | 2     | 2     | 3     | 2     | 3     | 2     | 2     | 3     | 3     | 3     | 2     | 4     | 3     | 2     | 2     | 2     | 4     | 3     | 2     | 3     | 2     |
| 65           | 3     | 2     | 3     | 2     | 1     | 2     | 2     | 3     | 2     | 0     | 1     | 3     | 3     | 2     | 3     | 2     | 2     | 2     | 2     | 3     | 0     |
| 66           | 3     | 2     | 2     | 2     | 3     | 2     | 3     | 3     | 3     | 2     | 1     | 4     | 4     | 4     | 4     | 3     | 4     | 3     | 3     | 2     | 1     |
| 67           | 2     | 2     | 2     | 2     | 3     | 1     | 2     | 3     | 2     | 2     | 2     | 4     | 4     | 2     | 4     | 4     | 2     | 4     | 2     | 2     | 1     |
| 68           | 4     | 1     | 3     | 3     | 1     | 1     | 2     | 3     | 3     | 1     | 1     | 4     | 4     | 3     | 3     | 3     | 2     | 4     | 0     | 2     | 1     |
| 69           | 2     | 1     | 3     | 1     | 0     | 1     | 3     | 2     | 4     | 0     | 0     | 4     | 4     | 3     | 3     | 2     | 3     | 3     | 2     | 2     | 0     |
| 70           | 3     | 1     | 2     | 0     | 1     | 0     | 1     | 3     | 2     | 0     | 2     | 4     | 4     | 2     | 4     | 2     | 4     | 2     | 1     | 3     | 0     |
| 71           | 2     | 1     | 3     | 2     | 1     | 1     | 1     | 1     | 2     | 0     | 1     | 3     | 3     | 2     | 3     | 3     | 3     | 3     | 2     | 1     | 1     |
| 72           | 2     | 2     | 2     | 3     | 1     | 3     | 3     | 3     | 3     | 2     | 1     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     |
| 73           | 4     | 3     | 4     | 4     | 1     | 1     | 3     | 4     | 4     | 4     | 2     | 3     | 3     | 2     | 3     | 2     | 3     | 4     | 2     | 3     | 0     |
| 74           | 4     | 2     | 4     | 3     | 3     | 2     | 3     | 3     | 2     | 2     | 2     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 2     | 3     | 2     |
| 75           | 3     | 2     | 3     | 2     | 1     | 3     | 3     | 4     | 4     | 0     | 2     | 4     | 4     | 2     | 3     | 2     | 3     | 2     | 3     | 3     | 2     |
| 76           | 3     | 3     | 3     | 3     | 2     | 2     | 4     | 4     | 4     | 4     | 3     | 4     | 4     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 1     |
| 77           | 3     | 3     | 4     | 2     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 2     | 4     | 4     | 4     | 4     | 4     |
| 78           | 3     | 2     | 4     | 4     | 2     | 2     | 2     | 3     | 3     | 2     | 1     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 2     | 2     | 2     |
| 79           | 4     | 2     | 3     | 4     | 2     | 2     | 2     | 4     | 4     | 3     | 3     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 2     | 2     | 3     |
| 80           | 4     | 2     | 3     | 3     | 3     | 2     | 2     | 2     | 0     | 4     | 3     | 4     | 4     | 4     | 4     | 4     | 3     | 3     | 2     | 2     | 2     |
| $\Sigma X$   | 235   | 146   | 219   | 194   | 145   | 163   | 201   | 251   | 231   | 139   | 124   | 296   | 282   | 206   | 229   | 198   | 234   | 241   | 184   | 210   | 110   |
| $\Sigma X^2$ | 55225 | 21316 | 47961 | 37636 | 21025 | 26569 | 40401 | 63001 | 53361 | 19321 | 15376 | 87616 | 79524 | 42436 | 52441 | 39204 | 54756 | 58081 | 33856 | 44100 | 12100 |

## Lanjutan

|       |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |         |        |
|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|--------|
| 0     | 0    | 2     | 0     | 3     | 0     | 0     | 2     | 1     | 0     | 2     | 3     | 4     | 3     | 2     | 1     | 0     | 0     | 2     | 2     | 1     | 67      | 4489   |
| 3     | 2    | 4     | 4     | 4     | 4     | 4     | 3     | 3     | 2     | 4     | 4     | 4     | 4     | 3     | 3     | 3     | 2     | 2     | 4     | 2     | 130     | 16900  |
| 1     | 1    | 2     | 2     | 3     | 2     | 3     | 2     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 2     | 3     | 3     | 3     | 2     | 0     | 101     | 10201  |
| 1     | 0    | 2     | 2     | 2     | 1     | 2     | 3     | 2     | 2     | 2     | 2     | 3     | 3     | 3     | 2     | 3     | 2     | 3     | 2     | 2     | 90      | 8100   |
| 2     | 0    | 2     | 1     | 4     | 3     | 3     | 2     | 2     | 1     | 3     | 4     | 3     | 3     | 1     | 2     | 3     | 3     | 2     | 2     | 1     | 99      | 9801   |
| 2     | 0    | 4     | 3     | 3     | 2     | 2     | 3     | 2     | 2     | 3     | 3     | 3     | 3     | 4     | 3     | 3     | 3     | 3     | 2     | 1     | 109     | 11881  |
| 2     | 2    | 2     | 2     | 2     | 2     | 2     | 3     | 3     | 3     | 2     | 3     | 2     | 3     | 1     | 3     | 3     | 3     | 2     | 2     | 2     | 99      | 9801   |
| 1     | 1    | 3     | 4     | 3     | 2     | 2     | 1     | 1     | 1     | 4     | 4     | 2     | 4     | 2     | 4     | 2     | 3     | 2     | 3     | 2     | 112     | 12544  |
| 0     | 0    | 4     | 2     | 3     | 4     | 0     | 4     | 2     | 2     | 4     | 4     | 2     | 4     | 4     | 1     | 0     | 3     | 4     | 3     | 2     | 123     | 15129  |
| 0     | 0    | 1     | 2     | 2     | 0     | 0     | 2     | 1     | 0     | 1     | 3     | 3     | 4     | 4     | 1     | 0     | 1     | 2     | 2     | 1     | 84      | 7056   |
| 1     | 1    | 2     | 2     | 3     | 2     | 1     | 2     | 1     | 1     | 3     | 3     | 2     | 3     | 3     | 2     | 2     | 2     | 2     | 2     | 0     | 83      | 6889   |
| 0     | 1    | 2     | 2     | 4     | 1     | 1     | 3     | 1     | 1     | 3     | 3     | 2     | 3     | 3     | 3     | 2     | 3     | 2     | 3     | 0     | 96      | 9216   |
| 0     | 1    | 2     | 2     | 4     | 1     | 1     | 3     | 1     | 1     | 3     | 3     | 2     | 3     | 3     | 3     | 2     | 3     | 2     | 3     | 0     | 94      | 8836   |
| 1     | 0    | 2     | 1     | 3     | 1     | 1     | 3     | 2     | 2     | 3     | 4     | 3     | 4     | 3     | 3     | 1     | 2     | 3     | 3     | 1     | 99      | 9801   |
| 1     | 1    | 2     | 2     | 4     | 4     | 3     | 2     | 2     | 2     | 2     | 2     | 2     | 3     | 4     | 3     | 2     | 2     | 4     | 2     | 0     | 95      | 9025   |
| 0     | 1    | 2     | 2     | 2     | 1     | 1     | 3     | 2     | 2     | 2     | 2     | 2     | 3     | 3     | 2     | 1     | 2     | 2     | 2     | 2     | 84      | 7056   |
| 0     | 1    | 4     | 2     | 4     | 2     | 2     | 1     | 2     | 0     | 2     | 3     | 2     | 4     | 2     | 2     | 2     | 1     | 2     | 2     | 0     | 84      | 7056   |
| 2     | 2    | 2     | 2     | 3     | 1     | 1     | 2     | 2     | 1     | 3     | 3     | 3     | 3     | 3     | 1     | 2     | 2     | 3     | 1     | 1     | 100     | 10000  |
| 1     | 2    | 3     | 1     | 3     | 2     | 2     | 1     | 1     | 1     | 2     | 2     | 2     | 3     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 86      | 7396   |
| 1     | 2    | 2     | 3     | 3     | 2     | 2     | 3     | 2     | 2     | 2     | 2     | 2     | 3     | 3     | 2     | 3     | 2     | 3     | 2     | 3     | 110     | 12100  |
| 3     | 1    | 3     | 2     | 3     | 2     | 2     | 2     | 2     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 2     | 1     | 98      | 9604   |
| 1     | 1    | 3     | 3     | 4     | 1     | 4     | 4     | 3     | 1     | 3     | 3     | 2     | 4     | 4     | 4     | 4     | 4     | 4     | 3     | 2     | 125     | 15625  |
| 0     | 0    | 2     | 2     | 3     | 3     | 1     | 1     | 1     | 1     | 3     | 3     | 2     | 3     | 3     | 1     | 0     | 1     | 1     | 4     | 0     | 74      | 5476   |
| 1     | 1    | 3     | 2     | 2     | 2     | 1     | 2     | 2     | 3     | 3     | 3     | 2     | 3     | 4     | 2     | 1     | 2     | 3     | 2     | 1     | 99      | 9801   |
| 1     | 0    | 2     | 1     | 3     | 2     | 2     | 3     | 1     | 1     | 2     | 3     | 2     | 3     | 2     | 3     | 2     | 2     | 2     | 2     | 1     | 83      | 6889   |
| 1     | 1    | 2     | 2     | 4     | 2     | 3     | 3     | 2     | 2     | 4     | 4     | 2     | 3     | 3     | 2     | 2     | 3     | 3     | 3     | 1     | 110     | 12100  |
| 2     | 2    | 4     | 2     | 4     | 4     | 2     | 2     | 2     | 2     | 4     | 4     | 4     | 4     | 2     | 2     | 2     | 3     | 2     | 2     | 0     | 107     | 11449  |
| 1     | 0    | 4     | 2     | 4     | 1     | 1     | 1     | 2     | 1     | 4     | 3     | 2     | 4     | 3     | 3     | 2     | 3     | 3     | 2     | 1     | 96      | 9216   |
| 1     | 0    | 3     | 2     | 3     | 2     | 1     | 3     | 1     | 1     | 3     | 3     | 3     | 3     | 2     | 1     | 0     | 2     | 3     | 3     | 2     | 85      | 7225   |
| 1     | 0    | 3     | 2     | 4     | 1     | 1     | 2     | 1     | 0     | 2     | 3     | 4     | 4     | 2     | 3     | 2     | 3     | 4     | 2     | 0     | 85      | 7225   |
| 0     | 0    | 3     | 2     | 3     | 3     | 1     | 1     | 1     | 1     | 3     | 3     | 2     | 3     | 3     | 1     | 0     | 1     | 1     | 4     | 0     | 75      | 5625   |
| 2     | 1    | 3     | 3     | 3     | 3     | 2     | 3     | 2     | 3     | 3     | 3     | 3     | 3     | 3     | 2     | 2     | 2     | 3     | 2     | 2     | 108     | 11664  |
| 4     | 1    | 4     | 3     | 4     | 2     | 4     | 2     | 4     | 1     | 4     | 4     | 2     | 4     | 4     | 4     | 4     | 2     | 4     | 2     | 2     | 124     | 15376  |
| 2     | 2    | 3     | 4     | 4     | 4     | 4     | 3     | 3     | 4     | 4     | 4     | 4     | 4     | 4     | 0     | 3     | 3     | 4     | 3     | 3     | 134     | 17956  |
| 3     | 0    | 1     | 2     | 3     | 3     | 1     | 3     | 2     | 3     | 3     | 3     | 2     | 3     | 3     | 3     | 3     | 3     | 3     | 2     | 2     | 106     | 11236  |
| 3     | 2    | 3     | 3     | 2     | 1     | 3     | 3     | 3     | 3     | 3     | 3     | 2     | 3     | 4     | 3     | 3     | 3     | 4     | 2     | 2     | 123     | 15129  |
| 2     | 2    | 2     | 4     | 4     | 4     | 2     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 4     | 2     | 3     | 4     | 2     | 149     | 22201  |
| 1     | 1    | 3     | 2     | 4     | 4     | 1     | 2     | 2     | 1     | 4     | 4     | 4     | 4     | 4     | 4     | 3     | 4     | 4     | 3     | 1     | 122     | 14884  |
| 3     | 3    | 4     | 3     | 4     | 2     | 3     | 3     | 3     | 3     | 3     | 4     | 4     | 4     | 3     | 3     | 3     | 3     | 3     | 2     | 1     | 132     | 17424  |
| 2     | 2    | 4     | 2     | 4     | 3     | 2     | 3     | 3     | 3     | 1     | 2     | 3     | 4     | 4     | 3     | 4     | 4     | 4     | 2     | 2     | 121     | 14641  |
| 118   | 76   | 212   | 174   | 253   | 162   | 152   | 200   | 163   | 139   | 219   | 233   | 205   | 266   | 228   | 196   | 170   | 180   | 205   | 188   | 109   | 8086    | 837756 |
| 13924 | 5776 | 44944 | 30276 | 64009 | 26244 | 23104 | 40000 | 26569 | 19321 | 47961 | 54289 | 42025 | 70756 | 51984 | 38416 | 28900 | 32400 | 42025 | 35344 | 11881 | 1655454 | 22988  |



**Perhitungan Reliabilitas Skala Optimisme  
Menggunakan Analisis Varians Hoyt**

$$r_{xx}' = 1 - Se^2/Ss^2$$

$$Ss^2 = \{(\sum x^2) / k - (\sum i)^2 / nk\} / n - 1$$

$$Se^2 = \{\sum i^2 - (\sum x^2) / k - (\sum Y^2) / n + (\sum i)^2 / nk\} / (n-1) (k-1)$$

Diketahui:

$$\sum X = 8086$$

$$\sum Y^2 = 1655454$$

$$\sum X^2 = 837756$$

$$\sum i^2 = 22998$$

$$Ss^2 = \{837756 / 42 - (8086)^2 / 42 \times 80\} / (80 - 1)$$

$$= \{19946,57143 - 65383396 / 3360\} / 79$$

$$= \{19946.57143 - 19459.34405\} / 79$$

$$= 487.2273786 / 79$$

$$= 6.16743$$

$$Se^2 = \{22988 - (837756 / 42) - (1655454 / 80) + (8086)^2 / (42 \times 80)\} / (80-1)$$

(42-1)

$$= \{(22998 - 19946.57143) - 20693.175 + (65383396 / 3360)\} / (79) (41)$$

$$= \{3041.42857 - 20693.175 + 19459.34405\} / 3239$$

$$= 1807.59762 / 3239$$

$$= 0.5580$$

$$r_{xx}' = 1 - Se^2/Ss^2$$

$$= 1 - 0.5580/6.16743$$

$$= 1 - 0.090475287$$

$$= 0.909$$

$r_{xx}'$  1% = 0.256, maka dapat ditulis r tabel <  $r_{xx}'$  sehingga skala ini dinyatakan sangat reliable.

**Perhitungan Standart Error Skala Optimisme**

$$Sx^2 = \{\sum X^2 - (\sum X)^2 / N\} / N - 1$$

$$Se = Sx - \sqrt{1 - r_{xx}'}$$

$$Sx^2 = \{880369 - (8291)^2 / 80\} / 79$$

$$\begin{aligned} &= \{880369 - 68740681 / 80\} / 79 \\ &= \{880369 - 859258.5125\} / 79 \\ &= 267.2213608 \\ S_x &= \sqrt{267.2213608} \\ &= 16.3490675 \\ S_e &= S_x \cdot \sqrt{1 - r_{xx}^2} \\ &= 16.3490675 \cdot \sqrt{1 - 0.9} \\ &= 16.3490675 \cdot 0.316227766 \\ &= 16.03067898 \end{aligned}$$

Dapat diketahui bahwa standart errornya adalah 16.03067898 atau 16%.

## Lampiran 9. Skala Pasca Uji Coba

Kepada

Yth. Siswa/Siswi

SMA Negeri 1 Purwosari

Dengan Hormat,

Ditengah kesibukan saudara/saudari dalam beraktivitas, perkenankan saya memohon kesediaan saudara/saudari untuk meluangkan waktu mengisi skala ini. Skala ini bertujuan untuk kepentingan ilmiah oleh karena itu jawaban dari saudara/saudari sekalian sangat besar manfaatnya bagi pengembangan ilmu pengetahuan.

Skala ini tidak ada keterkaitan dengan studi saudara/saudari, maka jawaban yang benar adalah jawaban yang benar-benar menggambarkan keadaan saudara-saudari saat ini. Identitas saudara-saudari dirahasiakan.

### Data Responden

Nama :

Jenis Kelamin :

Usia :

Kelas :

No Hp :

### Petunjuk Pengisian

Berilah tanda cheklist (√) pada salah satu alternatif jawaban yang dirasa sesuai dengan keadaan saudara saat ini pada:

SS : Sangat Setuju

S : Setuju

N : Netral

TS : Tidak Setuju

STS : Sangat Tidak Setuju

**Skala 1 (Emosi Positif)**

| No. | Pernyataan   | Respon |   |   |    |     |
|-----|--|--------|---|---|----|-----|
|     |  | SS     | S | N | TS | STS |
| 1.  | Saya senang belajar kapanpun   |        |   |   |    |     |
| 2.  | Saya mampu menghibur diri sendiri saat pikiran lagi suntuk                     |        |   |   |    |     |
| 3.  | Saya puas dengan nilai saya, dan saya tetap belajar untuk meningkatkannya      |        |   |   |    |     |
| 4.  | Ketika teman saya kesulitan mengerjakan tugas, saya bersedia membantu          |        |   |   |    |     |
| 5.  | Saya senang bertegur sapa ketika bertemu dengan teman                          |        |   |   |    |     |
| 6.  | Saya merasa belajar adalah sesuatu yang tidak menyenangkan                     |        |   |   |    |     |
| 7.  | Ketika ada teman bercanda, saya tidak menghiraukan                             |        |   |   |    |     |
| 8.  | Saya merasa kesulitan untuk menyapa teman                                      |        |   |   |    |     |
| 9.  | Saya tetap belajar dengan giat walaupun banyak tugas lain dirumah              |        |   |   |    |     |
| 10. | Saya tetap semangat belajar dengan keterbatasan buku yang saya miliki          |        |   |   |    |     |
| 11. | Saya akan belajar dengan sungguh untuk mendapat nilai yang memuaskan           |        |   |   |    |     |
| 12. | Saya puas dengan nilai saya, dan saya tetap belajar untuk meningkatkannya      |        |   |   |    |     |
| 13. | Saya mampu menyelesaikan tugas dengan cara yang mudah                          |        |   |   |    |     |
| 14. | Saya merasa bosan ketika setiap hari belajar                                   |        |   |   |    |     |
| 15. | Saya merasa belajar dengan teman membuat saya semakin tidak bisa fokus belajar |        |   |   |    |     |
| 16. | Saya senang menunda-nunda waktu untuk mengerjakan tugas                        |        |   |   |    |     |
| 17. | Saya merasa takut untuk menyapa guru saat diluar sekolah                       |        |   |   |    |     |
| 18. | Belajar dengan teman membuat saya senang                                       |        |   |   |    |     |
| 19. | Saya mengerahkan seluruh pemikiran saya dalam mengerjakan tugas                |        |   |   |    |     |
| 20. | Saya merasa puas karena saya mampu mengerjakan tugas dengan tepat waktu        |        |   |   |    |     |

|     |   |  |  |  |  |  |
|-----|---|--|--|--|--|--|
| 21. | Saya lebih suka bermain daripada belajar  |  |  |  |  |  |
| 22. | Berharap mendapat nilai 80 adalah suatu hal yang mustahil                                 |  |  |  |  |  |
| 23. | Ketika ada teman yang meminta bantuan mengerjakan tugas saya pura-pura tidak tahu         |  |  |  |  |  |
| 24. | Saya sering berdiskusi dengan teman, karena itu membuat saya lebih semangat dalam belajar |  |  |  |  |  |
| 25. | Saya tetap semangat belajar meskipun pelajarannya sulit                                   |  |  |  |  |  |
| 26. | Belajar dengan teman membuat saya mudah bosan   |  |  |  |  |  |
| 27. | Saya lebih suka menyendiri daripada bercanda dengan teman                                 |  |  |  |  |  |
| 28. | Saya sering terlambat dalam mengumpulkan tugas  |  |  |  |  |  |
| 29. | Saya selalu bolos ketika ada materi tambahan di sekolah                                   |  |  |  |  |  |

### Skala 2 (Optimisme)

| No. | Pernyataan   | Respon |   |   |    |     |
|-----|--|--------|---|---|----|-----|
|     |  | SS     | S | N | TS | STS |
| 1.  | Saya fokus pada soal dan jawaban ketika sedang mengerjakan ujian                         |        |   |   |    |     |
| 2.  | Saya tidak pernah mencocokkan jawaban ujian dengan teman saya                            |        |   |   |    |     |
| 3.  | Ketika ada soal yang sulit saya tetap berusaha mengerjakannya                            |        |   |   |    |     |
| 4.  | Saya tetap semangat mengerjakan ujian meskipun materi yang diujikan sulit                |        |   |   |    |     |
| 5.  | Saya menjadi kurang fokus ketika mengerjakan soal karena saya melihat jawaban teman      |        |   |   |    |     |
| 6.  | Saya sering menyamakan jawaban saya dengan jawaban teman                                 |        |   |   |    |     |
| 7.  | Saya mendapat nilai bagus karena saya melihat jawaban teman                              |        |   |   |    |     |
| 8.  | Segiat apapun saya belajar, tidak akan membuat nilai saya lebih baik                     |        |   |   |    |     |
| 9.  | Pelajaran tambahan yang diadakan tidak penting bagi saya                                 |        |   |   |    |     |
| 10. | Saya merasa gagal ketika tidak bisa mengerjakan ujian yang diberikan                     |        |   |   |    |     |
| 11. | Saya merasa hasil ujian yang tidak memuaskan disebabkan karena saya tidak pernah belajar |        |   |   |    |     |
| 12. | Saya berharap bisa mengerjakan ujian dengan baik   |        |   |   |    |     |
| 13. | Saya pasti bisa mengerjakan ujian dengan baik  |        |   |   |    |     |
| 14. | Saya bisa mengerjakan ujian tanpa bantuan dari teman                                     |        |   |   |    |     |
| 15. | Saya merasa bisa memenuhi standar ketuntasan minimal                                     |        |   |   |    |     |
| 16. | Saya siap ketika akan diadakan ujian   |        |   |   |    |     |
| 17. | Saya bersedia mengikuti kegiatan tambahan belajar agar nilai ujian saya lebih baik       |        |   |   |    |     |

|     |  |  |  |  |  |  |
|-----|--|--|--|--|--|--|
| 18. | Saya tetap belajar dengan tekun meskipun hasil ujian kemarin tidak maksimal  |  |  |  |  |  |
| 19. | Menurut saya, menyamakan jawaban dengan teman saat ujian membuat saya merasa lebih baik                            |  |  |  |  |  |
| 20. | Saat ujian saya selalu melihat jawaban teman   |  |  |  |  |  |
| 21. | Saya tidak siap ketika akan diadakan ulangan dadakan   |  |  |  |  |  |
| 22. | Saya merasa khawatir tidak bisa mengerjakan ujian semester ini dengan maksimal                                     |  |  |  |  |  |
| 23. | Saya merasa bersalah dan sedih ketika mendapat hasil ujian yang kurang memuaskan                                   |  |  |  |  |  |
| 24. | Saya dapat melewati ujian dengan mudah   |  |  |  |  |  |
| 25. | Menurut saya, mencontek saat ujian tidak ada gunanya   |  |  |  |  |  |
| 26. | Saya merasa ujian kali ini bisa mendapat nilai diatas rata-rata  |  |  |  |  |  |
| 27. | Saya tidak khawatir dengan ujian yang akan berlangsung   |  |  |  |  |  |
| 28. | Saya merasa gelisah ketika akan diadakan ujian   |  |  |  |  |  |
| 29. | Saya lebih merasa yakin dengan hasil ujian yang diperoleh dari melihat jawaban teman daripada jawaban saya sendiri |  |  |  |  |  |
| 30. | Ujian yang semakin dekat tetap membuat saya merasa tidak siap untuk menghadapinya                                  |  |  |  |  |  |
| 31. | Saya merasa putus asa ketika saya tidak menguasai materi yang akan diujikan  |  |  |  |  |  |
| 32. | Saya yakin bisa mengerjakan ujian meskipun materi yang diujikan sulit  |  |  |  |  |  |
| 33. | Saya yakin bisa mengerjakan ujian yang diberikan   |  |  |  |  |  |
| 34. | Saya merasa bisa mendapat ranking  |  |  |  |  |  |

|     |   |  |  |  |  |  |
|-----|---|--|--|--|--|--|
| 35. | Saya akan berusaha menjawab semua soal ujian yang diberikan                           |  |  |  |  |  |
| 36. | Pelajaran tambahan sangat penting bagi saya untuk bisa mendapat nilai yang lebih baik |  |  |  |  |  |
| 37. | Saya tidak yakin akan mampu menyelesaikan ujian dengan baik                           |  |  |  |  |  |
| 38. | Ujian kenaikan kelas besok terasa sulit bagi saya                                     |  |  |  |  |  |
| 39. | Saya merasa kemampuan akademik saya dibawah teman-teman saya                          |  |  |  |  |  |
| 40. | Saya tidak mengikuti les tambahan karena buang-buang waktu                            |  |  |  |  |  |
| 41. | Ketika ujian berlangsung, saya merasa tidak pernah mengganggu teman yang lain         |  |  |  |  |  |
| 42. | Saya merasa tenang apabila duduk berdekatan dengan teman yang lebih pandai saat ujian |  |  |  |  |  |

☺ TERIMA KASIH ☺



## Lampiran 10. Analisa Regresi Satu Prediktor

### Analisa Regresi Satu Prediktor

1) Korelasi

$$r_{xy} = \frac{\sum xy}{\sqrt{(\sum x^2)(\sum y^2)}}$$

- $\sum xy = \sum XY - \frac{(\sum X)(\sum Y)}{N}$

- $\sum x^2 = \sum X^2 - \frac{(\sum X)^2}{N}$

- $\sum y^2 = \sum Y^2 - \frac{(\sum Y)^2}{N}$

Dari hasil perhitungan diperoleh:

$$\sum X = 10442$$

$$\sum Y = 7748$$

$$\sum XY = 819618$$

$$\sum X^2 = 1112118$$

$$\sum Y^2 = 610030$$

$$N = 100$$

- $\sum xy = \sum XY - \frac{(\sum X)(\sum Y)}{N}$

$$= 819618 - \frac{(10442)(7748)}{100}$$

$$= 819618 - 809046.16$$

$$= 10121.84$$

- $\sum x^2 = \sum X^2 - \frac{(\sum X)^2}{N}$

$$= 1112118 - \frac{(10442)^2}{100}$$

$$= 1112118 - 1090353.64$$

$$= 21764.36$$

- $\sum y^2 = \sum Y^2 - \frac{(\sum Y)^2}{N}$

$$= 610030 - \frac{(7748)^2}{100}$$

$$= 610030 - 600315.04$$

$$= 9714.96$$

$$\begin{aligned}
 \bullet \quad r_{xy} &= \frac{\sum xy}{\sqrt{(\sum x^2)(\sum y^2)}} \\
 &= \frac{10121.84}{\sqrt{(21764.36)(9714.96)}} \\
 &= \frac{10121.84}{14540.97269} \\
 &= 0.696090984
 \end{aligned}$$

Menghitung koefisien determinan dengan rumus  $R^2_{xy} = (r_{xy})^2 \times 100\% = (0.696)^2 \times 100\% = 48.4416\%$ .

Dari r-teoritik peneliti dapatkan untuk r tab 1% = 0.256, karena harga rxy sebesar 0.696. peneliti nyatakan signifikan dan dapat menyimpulkan bahwa korelasi antara X dan Y, yaitu antara optimisme dengan emosi positif sangat signifikan. Dimana sumbangan optimisme terhadap emosi positif sebesar 48.44%.

## 2) Garis regresi untuk prediksi

$$Y = aX + K$$

$$1. \quad \sum XY = a\sum X^2 + K\sum X$$

$$2. \quad \sum Y = a\sum X + NK$$

$$1. \quad 819618 = 111218 a + 10442 K \quad \div 10442$$

$$2. \quad 7748 = 10442 a + 100 K \quad \div 100$$

$$3. \quad \frac{78.4493}{77.48} = \frac{106.50431 a + K}{104.42 a + K}$$

$$4. \quad 77.48 = 104.42 a + K$$

$$0.9693 = 2.08431 a$$

$$0.9693 \div 2.08431 = a$$

$$0.465046 = a$$

$$4. 77.48 = 104.42 (0.465046) + K$$

$$7748 = 48.560103 + K$$

$$77.48 - 48.560103 = K$$

$$28.919897 = K$$

Jadi, persamaan garis regresi:  $Y = 0.465046 a + 28.919897$

## 3) Analisis Regresi dengan Metode Skor Kasar

Diketahui:

$$\sum Y = 7748 \quad \sum XY = 819168 \quad a = 0.465046$$

$$\sum Y^2 = 610030 \quad N = 100 \quad K = 28.919897$$

$$\begin{aligned} JKT &= 610030 - \frac{(7748)^2}{100} \\ &= 610030 - 600315.04 \\ &= 9714.96 \end{aligned}$$

$$\begin{aligned} JKreg &= (0.465046 \times 819168) + (28.919897 \times 7748) - \frac{(7748)^2}{100} \\ &= 380950.8 + 224071.36 - 600315.04 \\ &= 4707.12 \end{aligned}$$

$$\begin{aligned} Jkres &= 610030 - (0.465046 \times 819618) - (28.919897 \times 7748) \\ &= 610030 - 380950.8 - 224071.36 \\ &= 5007.84 \end{aligned}$$

$$\begin{aligned} dbT &= 100 - 1 \\ &= 99 \end{aligned}$$

$$dbreg = 1$$

$$\begin{aligned} dbres &= 99 - 1 \\ &= 98 \end{aligned}$$

$$\begin{aligned} RKreg &= 4707.12 \div 1 \\ &= 4707.12 \end{aligned}$$

$$\begin{aligned} RKres &= 5007.84 \div 98 \\ &= 51.100408 \end{aligned}$$

$$\begin{aligned} Freg &= 4707.12 \div 51.100408 \\ &= 92.115116 \end{aligned}$$

$$db = 1 \text{ lawan } 98$$

#### 4) Tabel Ringkasan Analisis Regresi

| Sumber Variasi | Db | JK      | RK/MK     | F reg     | F tab 1% |
|----------------|----|---------|-----------|-----------|----------|
| Regresi (reg)  | 1  | 4707.12 | 4707.12   | 92.115116 | 6.63     |
| Residu (res)   | 98 | 5007.84 | 51.100408 | -         | -        |
| Total (T)      | 99 | 9714.96 | -         | -         | -        |

Kesimpulan : dengan F reg sebesar 92 menunjukkan bahwa garis regresi sangat signifikan.

## Lampiran 11. Kategorisasi Skala Emosi Positif

### Distribusi Frekuensi Skala Emosi Positif

| Interval | f  | fk  | P    | Pk   |
|----------|----|-----|------|------|
| 57 – 61  | 4  | 4   | 0.04 | 0.04 |
| 62 – 66  | 12 | 16  | 0.12 | 0.16 |
| 67 – 71  | 14 | 30  | 0.14 | 0.3  |
| 72 – 76  | 15 | 45  | 0.15 | 0.45 |
| 77 – 81  | 22 | 67  | 0.22 | 0.67 |
| 82 – 86  | 18 | 85  | 0.18 | 0.85 |
| 87 – 91  | 6  | 91  | 0.06 | 0.91 |
| 92 – 96  | 6  | 97  | 0.06 | 0.97 |
| 97 – 101 | 3  | 100 | 0.03 | 1    |

$$\begin{aligned}
 \text{Median} &= Bb + (0.5 - p_{kb}) \\
 &= 76.5 + (0.5 - 0.45) \\
 &= 76.5 + 0.05 \\
 &= 76.55
 \end{aligned}$$

Diketahui bahwa median emosi positif sebesar 76.55, dengan demikian bahwa angka diatas 76.55 termasuk nilai tinggi dan angka dibawah 76.55 termasuk nilai rendah.

### Perhitungan Standart Deviasi Skala Emosi Positif

| Interval | f   | x  | x <sup>2</sup> | fx   | fx <sup>2</sup> |
|----------|-----|----|----------------|------|-----------------|
| 57 – 61  | 4   | 59 | 3481           | 236  | 13924           |
| 62 – 66  | 12  | 64 | 4096           | 768  | 49152           |
| 67 – 71  | 14  | 69 | 4761           | 966  | 66654           |
| 72 – 76  | 15  | 74 | 5476           | 1110 | 82140           |
| 77 – 81  | 22  | 79 | 6241           | 1738 | 137302          |
| 82 – 86  | 18  | 84 | 7056           | 1512 | 127008          |
| 87 – 91  | 6   | 89 | 7921           | 534  | 47526           |
| 92 – 96  | 6   | 94 | 8836           | 564  | 53016           |
| 97 – 101 | 3   | 99 | 9801           | 297  | 29403           |
| Total    | 100 | -  | -              | 7725 | 606125          |

$$M = \frac{\sum fx}{N}$$

$$= \frac{7725}{100}$$

$$= 77.25$$

$$SD = \sqrt{\frac{\sum fx^2}{N} - \left(\frac{\sum fx}{N}\right)^2}$$

$$= \sqrt{606125/100 - (7725/100)^2}$$

$$= \sqrt{6061.25 - 5967.5625}$$

$$= \sqrt{93.6875}$$

$$= 9.68852$$

Adapun Norma dan Kategori Skor Standart Terdapat Pada Tabel Dibawah Ini:

| Norma                              | Kategori      |
|------------------------------------|---------------|
| $(M + 1.50s) < X$                  | Sangat Tinggi |
| $(M + 0.50s) < X \leq (M + 1.50s)$ | Tinggi        |
| $(M - 0.50s) < X \leq (M + 0.50s)$ | Sedang        |
| $(M - 1.50s) < X \leq (M - 0.50s)$ | Rendah        |
| $X \leq (M - 1.50s)$               | Sangat Rendah |

**Perhitungan :**

$$(M + 1.5 s) = 77.25 + 1.5 (9.68852) = 91.78278$$

$$(M + 0.5 s) = 77.25 + 0.5 (9.68852) = 82.09426$$

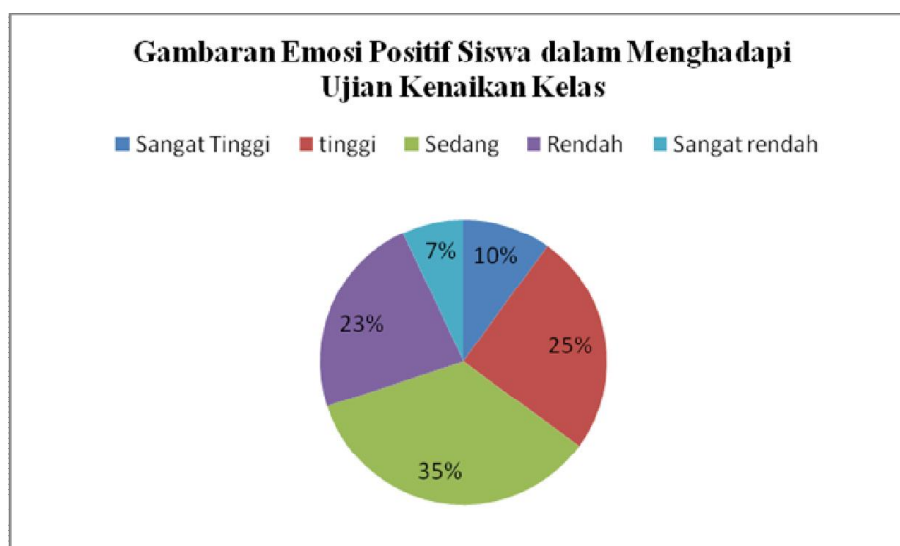
$$(M - 0.5 s) = 77.25 - 0.5 (9.68852) = 72.40574$$

$$(M - 1.5 s) = 77.25 - 1.5 (9.68852) = 62.71722$$

### Norma Dalam Bentuk Nilai Skor Standart

| Norma                        | Kategori      | Subjek | Persentase |
|------------------------------|---------------|--------|------------|
| $91.78278 < X$               | Sangat Tinggi | 10     | 10%        |
| $82.09426 < X \leq 91.78278$ | Tinggi        | 25     | 25%        |
| $72.40574 < X \leq 82.09426$ | Sedang        | 35     | 35%        |
| $62.71722 < X \leq 72.40574$ | Rendah        | 23     | 23%        |
| $X \leq 62.71722$            | Sangat Rendah | .7     | 7%         |

### Gambaran Emosi Positif Siswa Dalam Bentuk Diagram



## Lampiran 12. Kategorisasi Skala Optimisme

### Distribusi Frekuensi Skala Optimisme

| Interval  | f  | fk  | P    | Pk   |
|-----------|----|-----|------|------|
| 76 – 85   | 9  | 9   | 0.09 | 0.09 |
| 86 – 93   | 23 | 32  | 0.23 | 0.32 |
| 94 – 101  | 15 | 47  | 0.15 | 0.47 |
| 102 – 109 | 14 | 61  | 0.14 | 0.61 |
| 110 – 117 | 19 | 80  | 0.19 | 0.8  |
| 118 – 125 | 10 | 90  | 0.1  | 0.9  |
| 126 – 133 | 6  | 96  | 0.06 | 0.96 |
| 134 - 141 | 4  | 100 | 0.04 | 1    |

$$\begin{aligned}
 \text{Median} &= Bb + (0.5 - pkb) \\
 &= 101.5 + (0.5 - 0.47) \\
 &= 101.5 + 0.03 \\
 &= 101.53
 \end{aligned}$$

Diketahui bahwa median optimisme sebesar 101.53 , dengan demikian bahwa angka diatas 101.53 termasuk nilai tinggi dan angka dibawah 101.53 termasuk nilai rendah.

### Perhitungan Standart Deviasi Skala Optimisme

| Interval  | f   | x     | x <sup>2</sup> | fx     | fx <sup>2</sup> |
|-----------|-----|-------|----------------|--------|-----------------|
| 78 – 85   | 9   | 81.5  | 6642.25        | 733.5  | 59780.25        |
| 86 – 93   | 23  | 89.5  | 8010.25        | 2058.5 | 184235.75       |
| 94 – 101  | 15  | 97.5  | 9506.25        | 1462.5 | 142593.75       |
| 102 – 109 | 14  | 105.5 | 11130.25       | 1477   | 155823.5        |
| 110 – 117 | 19  | 113.5 | 12882.25       | 2156.5 | 244762.75       |
| 118 – 125 | 10  | 121.5 | 14762.25       | 1215   | 147622.5        |
| 126 – 133 | 6   | 129.5 | 16770.25       | 777    | 100621.5        |
| 134 – 141 | 4   | 137.5 | 18906.25       | 550    | 75625           |
| Total     | 100 | -     | -              | 10430  | 1111065         |

$$M = \frac{\sum fx}{N}$$

$$= 10430 / 100$$

$$= 104.3$$

$$SD = \sqrt{\frac{\sum fx^2}{N} - \left(\frac{\sum fx}{N}\right)^2}$$

$$= \sqrt{1111065/100 - (10430/100)^2}$$

$$= \sqrt{11110.65 - 10878.49}$$

$$= \sqrt{232.16}$$

$$= 15.2367976$$

Adapun Norma dan Kategori Skor Standart Terdapat Pada Tabel Dibawah

Ini:

| Norma                              | Kategori      |
|------------------------------------|---------------|
| $(M + 1.50s) < X$                  | Sangat Tinggi |
| $(M + 0.50s) < X \leq (M + 1.50s)$ | Tinggi        |
| $(M - 0.50s) < X \leq (M + 0.50s)$ | Sedang        |
| $(M - 1.50s) < X \leq (M - 0.50s)$ | Rendah        |
| $X \leq (M - 1.50s)$               | Sangat Rendah |

Perhitungan :

$$(M + 1.5 s) = 104.3 + 1.5 (15.23679) = 127.15519$$

$$(M + 0.5 s) = 104.3 + 0.5 (15.23679) = 111.91839$$

$$(M - 0.5 s) = 104.3 - 0.5 (15.23679) = 96.68161$$

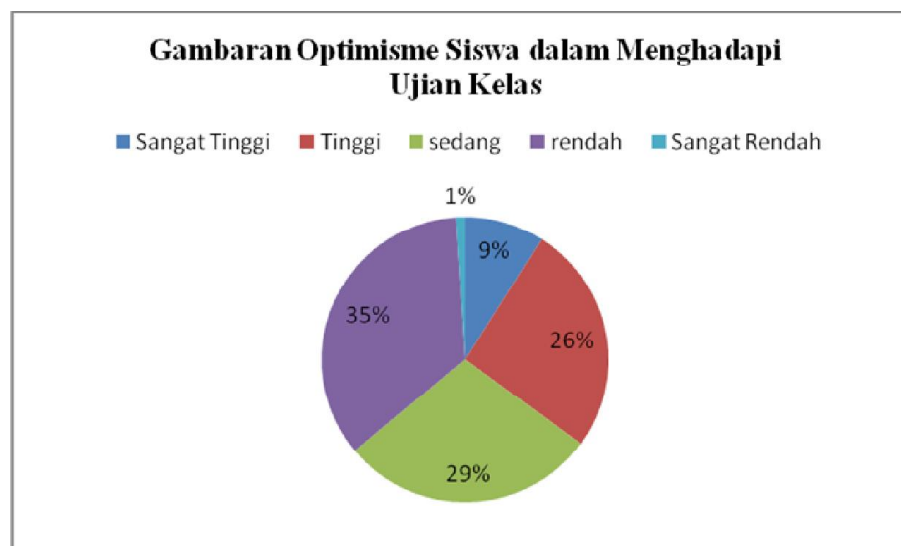
$$(M - 1.5 s) = 104.3 - 1.5 (15.23679) = 81.44481$$



### Norma Dalam Bentuk Nilai Skor Standart

| Norma                          | Kategori      | Subjek | Persentase |
|--------------------------------|---------------|--------|------------|
| $127.15519 < X$                | Sangat Tinggi | 9      | 9%         |
| $111.91839 < X \leq 127.15519$ | Tinggi        | 26     | 26%        |
| $96.68161 < X \leq 111.91839$  | Sedang        | 29     | 29%        |
| $81.44481 < X \leq 96.68161$   | Rendah        | 35     | 35%        |
| $X \leq 81.44481$              | Sangat Rendah | 1      | 1%         |

### Gambaran Optimisme Siswa Dalam Bentuk Diagram



Lampiran 13. Dokumentasi Penelitian

**DOKUMENTASI PENELITIAN  
DI SMAN 1 PURWOSARI PASURUAN**



