

CORRELATIONS

```

/VARIABLES=Soal1 Soal2 Soal3 Soal4 Soal5 Soal6 Soal7 Soal8 Soal9 Soal10 Soal
11 Soal12 Soal13
      Soal14 Soal15 Soal16 Soal17 Soal18 Soal19 Soal20 Total
/PRINT=TWOTAIL NOSIG
/MISSING=PAIRWISE.

```

## Correlations

### Notes

|                        |                                |  |
|------------------------|--------------------------------|--|
| Output Created         |                                | 21-NOV-2017 15:58:05   |
| Comments               |                                |  |
| Input                  | Active Dataset                 | DataSet1   |
|                        | Filter                         | <none>   |
|                        | Weight                         | <none>   |
|                        | Split File                     | <none>   |
|                        | N of Rows in Working Data File | 19   |
| Missing Value Handling | Definition of Missing          | User-defined missing values are treated as missing.  |
|                        | Cases Used                     | Statistics for each pair of variables are based on all the cases with valid data for that pair.  |
| Syntax                 |                                | <p>CORRELATIONS</p> <pre> /VARIABLES=Soal1 Soal2 Soal3 Soal4 Soal5 Soal6 Soal7 Soal8 Soal9 Soal10 Soal11 Soal12 Soal13       Soal14 Soal15 Soal16 Soal17 Soal18 Soal19 Soal20 Total /PRINT=TWOTAIL NOSIG /MISSING=PAIRWISE. </pre> |
| Resources              | Processor Time                 | 00:00:00.11  |
|                        | Elapsed Time                   | 00:00:00.23  |

**Correlations**

|        | Soal1               | Soal2 | Soal3 | Soal4 | Soal5 | Soal6 | Soal7 | Soal8 | Soal9 | Soal10 | Soal11 | Soal12 | Soal13 | Soal14 | Soal15 | Soal16 | Soal17 | Soal18 | Soal19 | Soal20 | Total |    |
|--------|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|----|
| Soal1  | Pearson Correlation | 1     |       |       |       |       |       |       |       |        |        |        |        |        |        |        |        |        |        |        |       |    |
|        | Sig. (2-tailed)     |       |       |       |       |       |       |       |       |        |        |        |        |        |        |        |        |        |        |        |       |    |
|        | N                   | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19    | 19 |
| Soal2  | Pearson Correlation | -.083 | 1     |       |       |       |       |       |       |        |        |        |        |        |        |        |        |        |        |        |       |    |
|        | Sig. (2-tailed)     |       |       |       |       |       |       |       |       |        |        |        |        |        |        |        |        |        |        |        |       |    |
|        | N                   | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19    | 19 |
| Soal3  | Pearson Correlation | -.122 | .201  | 1     |       |       |       |       |       |        |        |        |        |        |        |        |        |        |        |        |       |    |
|        | Sig. (2-tailed)     |       |       |       |       |       |       |       |       |        |        |        |        |        |        |        |        |        |        |        |       |    |
|        | N                   | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19    | 19 |
| Soal4  | Pearson Correlation | .2    | .2    | .2    | 1     |       |       |       |       |        |        |        |        |        |        |        |        |        |        |        |       |    |
|        | Sig. (2-tailed)     |       |       |       |       |       |       |       |       |        |        |        |        |        |        |        |        |        |        |        |       |    |
|        | N                   | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19    | 19 |
| Soal5  | Pearson Correlation | -.122 | -.276 | -.056 | .2    | 1     |       |       |       |        |        |        |        |        |        |        |        |        |        |        |       |    |
|        | Sig. (2-tailed)     |       |       |       |       |       |       |       |       |        |        |        |        |        |        |        |        |        |        |        |       |    |
|        | N                   | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19    | 19 |
| Soal6  | Pearson Correlation | .224  | -.369 | .102  | .2    | .102  | 1     |       |       |        |        |        |        |        |        |        |        |        |        |        |       |    |
|        | Sig. (2-tailed)     |       |       |       |       |       |       |       |       |        |        |        |        |        |        |        |        |        |        |        |       |    |
|        | N                   | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19    | 19 |
| Soal7  | Pearson Correlation | -.050 | .083  | .122  | .2    | .122  | .130  | 1     |       |        |        |        |        |        |        |        |        |        |        |        |       |    |
|        | Sig. (2-tailed)     |       |       |       |       |       |       |       |       |        |        |        |        |        |        |        |        |        |        |        |       |    |
|        | N                   | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19    | 19 |
| Soal8  | Pearson Correlation | -.177 | -.055 | -.081 | .2    | -.081 | -.322 | .177  | 1     |        |        |        |        |        |        |        |        |        |        |        |       |    |
|        | Sig. (2-tailed)     |       |       |       |       |       |       |       |       |        |        |        |        |        |        |        |        |        |        |        |       |    |
|        | N                   | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19    | 19 |
| Soal9  | Pearson Correlation | .179  | .352  | .201  | .2    | -.276 | .215  | .344  | .293  | 1      |        |        |        |        |        |        |        |        |        |        |       |    |
|        | Sig. (2-tailed)     |       |       |       |       |       |       |       |       |        |        |        |        |        |        |        |        |        |        |        |       |    |
|        | N                   | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19    | 19 |
| Soal10 | Pearson Correlation | -.015 | .025  | .394  | .2    | -.141 | -.069 | .309  | -.205 | .025   | 1      |        |        |        |        |        |        |        |        |        |       |    |
|        | Sig. (2-tailed)     |       |       |       |       |       |       |       |       |        |        |        |        |        |        |        |        |        |        |        |       |    |
|        | N                   | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19    | 19 |
| Soal11 | Pearson Correlation | -.141 | .454  | .180  | .2    | -.309 | -.031 | .141  | -.094 | .454   | .209   | 1      |        |        |        |        |        |        |        |        |       |    |
|        | Sig. (2-tailed)     |       |       |       |       |       |       |       |       |        |        |        |        |        |        |        |        |        |        |        |       |    |
|        | N                   | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19    | 19 |
| Soal12 | Pearson Correlation | .231  | .045  | .224  | .2    | -.248 | -.122 | -.231 | -.018 | .045   | .088   | -.069  | 1      |        |        |        |        |        |        |        |       |    |
|        | Sig. (2-tailed)     |       |       |       |       |       |       |       |       |        |        |        |        |        |        |        |        |        |        |        |       |    |
|        | N                   | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19    | 19 |
| Soal13 | Pearson Correlation | -.177 | -.055 | .687  | .2    | -.081 | .149  | .177  | -.118 | .293   | .574   | .262   | -.018  | 1      |        |        |        |        |        |        |       |    |
|        | Sig. (2-tailed)     |       |       |       |       |       |       |       |       |        |        |        |        |        |        |        |        |        |        |        |       |    |
|        | N                   | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19    | 19 |
| Soal14 | Pearson Correlation | -.179 | .080  | .276  | .2    | .276  | .369  | -.083 | -.293 | .080   | -.269  | .430   | -.258  | .055   | 1      |        |        |        |        |        |       |    |
|        | Sig. (2-tailed)     |       |       |       |       |       |       |       |       |        |        |        |        |        |        |        |        |        |        |        |       |    |
|        | N                   | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19    | 19 |
| Soal15 | Pearson Correlation | -.177 | .293  | -.081 | .2    | -.081 | .149  | .177  | -.118 | .293   | -.205  | .262   | -.018  | -.118  | .402   | 1      |        |        |        |        |       |    |
|        | Sig. (2-tailed)     |       |       |       |       |       |       |       |       |        |        |        |        |        |        |        |        |        |        |        |       |    |
|        | N                   | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19    | 19 |
| Soal16 | Pearson Correlation | -.179 | -.136 | .276  | .2    | -.201 | .077  | .440  | .402  | .080   | -.025  | -.233  | -.045  | .055   | -.080  | .055   | 1      |        |        |        |       |    |
|        | Sig. (2-tailed)     |       |       |       |       |       |       |       |       |        |        |        |        |        |        |        |        |        |        |        |       |    |
|        | N                   | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19    | 19 |
| Soal17 | Pearson Correlation | .073  | .338  | .160  | .2    | -.160 | .016  | .205  | -.136 | -.121  | .149   | .185   | .036   | -.136  | .121   | .233   | -.109  | 1      |        |        |       |    |
|        | Sig. (2-tailed)     |       |       |       |       |       |       |       |       |        |        |        |        |        |        |        |        |        |        |        |       |    |
|        | N                   | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19    | 19 |
| Soal18 | Pearson Correlation | -.177 | .055  | .081  | .2    | -.687 | -.322 | .244  | -.118 | .402   | .205   | .449   | .018   | -.118  | -.055  | .118   | .293   | -.136  | 1      |        |       |    |
|        | Sig. (2-tailed)     |       |       |       |       |       |       |       |       |        |        |        |        |        |        |        |        |        |        |        |       |    |
|        | N                   | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19    | 19 |
| Soal19 | Pearson Correlation | .205  | -.350 | -.160 | .2    | -.160 | -.016 | .073  | .136  | -.121  | -.406  | .049   | -.263  | -.233  | -.109  | .505   | .109   | .462   | .233   | 1      |       |    |
|        | Sig. (2-tailed)     |       |       |       |       |       |       |       |       |        |        |        |        |        |        |        |        |        |        |        |       |    |
|        | N                   | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19    | 19 |
| Soal20 | Pearson Correlation | .027  | .382  | .248  | .2    | -.224 | -.167 | .231  | .018  | .596   | .391   | .506   | .267   | .362   | -.169  | .018   | .045   | -.036  | .325   | -.191  | 1     |    |
|        | Sig. (2-tailed)     |       |       |       |       |       |       |       |       |        |        |        |        |        |        |        |        |        |        |        |       |    |
|        | N                   | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19    | 19 |
| Total  | Pearson Correlation | .129  | .476  | .504  | .2    | -.259 | .216  | .520  | .055  | .706   | .290   | .603   | .132   | .364   | .252   | .425   | .252   | .420   | .561   | .313   | .588  | 1  |
|        | Sig. (2-tailed)     |       |       |       |       |       |       |       |       |        |        |        |        |        |        |        |        |        |        |        |       |    |
|        | N                   | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19     | 19    | 19 |

\*. Correlation is significant at the 0.05 level (2-tailed).

\*\*. Correlation is significant at the 0.01 level (2-tailed).

a. Cannot be computed because at least one of the variables is constant.

## RELIABILITY

/VARIABLES=Soal1 Soal2 Soal3 Soal4 Soal5 Soal6 Soal7 Soal8 Soal9 Soal10 Soal11 Soal12 Soal13

Soal14 Soal15 Soal16 Soal17 Soal18 Soal19 Soal20 Total

/SCALE('ALL VARIABLES') ALL

/MODEL=ALPHA

/STATISTICS=DESCRIPTIVE

/SUMMARY=TOTAL.

## Reliability

**Notes**

|                        |   |   |
|------------------------|---|---|
| Output Created         | 21-NOV-2017 16:06:32  |   |
| Comments               |   |   |
| Input                  | Active Dataset  | DataSet1  |
|                        | Filter  | <none>  |
|                        | Weight  | <none>  |
|                        | Split File  | <none>  |
|                        | N of Rows in Working Data File  | 19  |
|                        | Matrix Input  |   |
| Missing Value Handling | Definition of Missing   | User-defined missing values are treated as missing.                                   |
|                        | Cases Used  | Statistics are based on all cases with valid data for all variables in the procedure. |
| Syntax                 | RELIABILITY<br>/VARIABLES=Soal1 Soal2 Soal3<br>Soal4 Soal5 Soal6 Soal7 Soal8<br>Soal9 Soal10 Soal11 Soal12 Soal13<br>Soal14 Soal15 Soal16 Soal17<br>Soal18 Soal19 Soal20 Total<br>/SCALE('ALL VARIABLES') ALL<br>/MODEL=ALPHA<br>/STATISTICS=DESCRIPTIVE<br>/SUMMARY=TOTAL. |   |
| Resources              | Processor Time  | 00:00:00.00   |
|                        | Elapsed Time  | 00:00:00.00   |

**Scale: ALL VARIABLES**

**Case Processing Summary**

|       |                       | N  | %     |
|-------|-----------------------|----|-------|
| Cases | Valid                 | 19 | 100.0 |
|       | Excluded <sup>a</sup> | 0  | .0    |
|       | Total                 | 19 | 100.0 |

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

**Reliability Statistics**

|                  |            |
|------------------|------------|
| Cronbach's Alpha | N of Items |
| .676             | 21         |

**Item Statistics**

|        | Mean  | Std. Deviation | N  |
|--------|-------|----------------|----|
| Soal1  | .79   | .419           | 19 |
| Soal2  | .42   | .507           | 19 |
| Soal3  | .95   | .229           | 19 |
| Soal4  | .00   | .000           | 19 |
| Soal5  | .95   | .229           | 19 |
| Soal6  | .16   | .375           | 19 |
| Soal7  | .21   | .419           | 19 |
| Soal8  | .89   | .315           | 19 |
| Soal9  | .42   | .507           | 19 |
| Soal10 | .74   | .452           | 19 |
| Soal11 | .37   | .496           | 19 |
| Soal12 | .47   | .513           | 19 |
| Soal13 | .89   | .315           | 19 |
| Soal14 | .58   | .507           | 19 |
| Soal15 | .89   | .315           | 19 |
| Soal16 | .58   | .507           | 19 |
| Soal17 | .32   | .478           | 19 |
| Soal18 | .11   | .315           | 19 |
| Soal19 | .68   | .478           | 19 |
| Soal20 | .53   | .513           | 19 |
| Total  | 10.95 | 2.857          | 19 |

**Item-Total Statistics**

|        | Scale Mean if Item Deleted | Scale Variance if Item Deleted | Corrected Item-Total Correlation | Cronbach's Alpha if Item Deleted |
|--------|----------------------------|--------------------------------|----------------------------------|----------------------------------|
| Soal1  | 21.11                      | 32.211                         | .057                             | .679                             |
| Soal2  | 21.47                      | 30.152                         | .403                             | .656                             |
| Soal3  | 20.95                      | 31.386                         | .473                             | .665                             |
| Soal4  | 21.89                      | 32.655                         | .000                             | .678                             |
| Soal5  | 20.95                      | 33.386                         | -.296                            | .688                             |
| Soal6  | 21.74                      | 31.871                         | .152                             | .673                             |
| Soal7  | 21.68                      | 30.339                         | .464                             | .656                             |
| Soal8  | 21.00                      | 32.556                         | .000                             | .680                             |
| Soal9  | 21.47                      | 28.819                         | .657                             | .638                             |
| Soal10 | 21.16                      | 31.363                         | .215                             | .669                             |
| Soal11 | 21.53                      | 29.485                         | .543                             | .647                             |
| Soal12 | 21.42                      | 32.146                         | .042                             | .681                             |
| Soal13 | 21.00                      | 31.444                         | .314                             | .667                             |
| Soal14 | 21.32                      | 31.450                         | .167                             | .672                             |
| Soal15 | 21.00                      | 31.222                         | .378                             | .664                             |
| Soal16 | 21.32                      | 31.450                         | .167                             | .672                             |
| Soal17 | 21.58                      | 30.591                         | .348                             | .661                             |
| Soal18 | 21.79                      | 30.731                         | .522                             | .658                             |
| Soal19 | 21.21                      | 31.175                         | .235                             | .668                             |
| Soal20 | 21.37                      | 29.468                         | .525                             | .647                             |
| Total  | 10.95                      | 8.164                          | 1.000                            | .607                             |

```
SAVE OUTFILE='D:\Penelitian Thesis\Kelas Eksperimen-P2\ Hasil Validitas dan Reabilitas Butir Soal '+
    'Pre Test - P2.sav'
/COMPRESSED.
```