# Reliability

## Notes

| | | |
|---|---|---|
| Output Created | | 26-MAR-2022 16:27:30 |
| Comments | | |
| Input | Active Dataset | DataSet3 |
| | Filter | <none> |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 10 |
| | 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><br>/VARIABLES=Itrustedther obotduringinteraction InverseofC<br>  /SCALE('ALL VARIABLES') ALL<br>  /MODEL=ALPHA<br><br>/STATISTICS=DESCRIPTIV E SCALE CORR<br>  /SUMMARY=TOTAL. |
| Resources | Processor Time | 00:00:00.01 |
| | Elapsed Time | 00:00:00.00 |

[DataSet3]

## Scale: ALL VARIABLES

### Case Processing Summary

| | | N | % |
|---|---|---|---|
| Cases | Valid | 10 | 100.0 |
| | Excluded[a] | 0 | .0 |
| | Total | 10 | 100.0 |

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

## Reliability Statistics

| Cronbach's Alpha | Cronbach's Alpha Based on Standardized Items | N of Items |
|---|---|---|
| .801 | .821 | 2 |

## Item Statistics

|  | Mean | Std. Deviation | N |
|---|---|---|---|
| "I trusted the robot during interaction." | 5.30 | 1.636 | 10 |
| Inverse of C | 3.80 | 1.229 | 10 |

## Inter-Item Correlation Matrix

|  | "I trusted the robot during interaction." | Inverse of C |
|---|---|---|
| "I trusted the robot during interaction." | 1.000 | .696 |
| Inverse of C | .696 | 1.000 |

## Item-Total Statistics

|  | Scale Mean if Item Deleted | Scale Variance if Item Deleted | Corrected Item-Total Correlation | Squared Multiple Correlation |
|---|---|---|---|---|
| "I trusted the robot during interaction." | 3.80 | 1.511 | .696 | .484 |
| Inverse of C | 5.30 | 2.678 | .696 | .484 |

## Item-Total Statistics

|  | Cronbach's Alpha if Item Deleted |
|---|---|
| "I trusted the robot during interaction." | . |
| Inverse of C | . |

## Scale Statistics

| Mean | Variance | Std. Deviation | N of Items |
|---|---|---|---|
| 9.10 | 6.989 | 2.644 | 2 |