

BOOK MEASUREMENT IN MEDICINE
HVC de Vet
CB Terwee
LB Mokkink
DL Knol

CHAPTER 4 ASSIGNMENT 4: CRONBACH'S ALPHA GO-QOL.

PUBLISHED AS: Terwee CB, Gerding MN, Dekker FW, Prummel MF, Wiersinga WM. Development of a disease-specific quality of life questionnaire for patients with Graves' ophthalmopathy. Br J Ophthalmol 1998;82:773-779

*ASSIGNMENT 4: CRONBACH'S ALPHA GO-QOL.

*4a Subscale visual functioning.

RELIABILITY

```
/VARIABLES=bicycling driving moving_house walking reading tv hobby  
interference  
/SCALE('ALL VARIABLES') ALL/MODEL=ALPHA  
/STATISTICS=CORR  
/SUMMARY=TOTAL .
```

* 4a Subscale appearance.

RELIABILITY

```
/VARIABLES= changed_app stared unpeas_react selfconfidence friends  
isolation photos mask_changes  
/SCALE('ALL VARIABLES') ALL/MODEL=ALPHA  
/STATISTICS=CORR  
/SUMMARY=TOTAL .
```

* 4b All 16 items.

RELIABILITY

```
/VARIABLES= bicycling driving moving_house walking reading tv hobby  
interference changed_app stared unpeas_react selfconfidence friends  
isolation photos mask_changes  
/SCALE('ALL VARIABLES') ALL/MODEL=ALPHA  
/STATISTICS=CORR  
/SUMMARY=TOTAL .
```

*4c Shorten subscale visual functioning.

* delete reading.

RELIABILITY

```
/VARIABLES=bicycling driving moving_house walking tv hobby  
interference  
/SCALE('ALL VARIABLES') ALL/MODEL=ALPHA  
/SUMMARY=TOTAL .
```

*delete watching tv.

```
RELIABILITY
/VARIABLES=bicycling driving moving_house walking hobby
interference
/SCALE('ALL VARIABLES') ALL/MODEL=ALPHA
/SUMMARY=TOTAL .
```

*delete hobby.

```
RELIABILITY
/VARIABLES=bicycling driving moving_house walking interference
/SCALE('ALL VARIABLES') ALL/MODEL=ALPHA
/SUMMARY=TOTAL .
```

*delete interference.

```
RELIABILITY
/VARIABLES=bicycling driving moving_house walking
/SCALE('ALL VARIABLES') ALL/MODEL=ALPHA
/SUMMARY=TOTAL .
```

*4c Shorten subscale appearance.

* delete mask changes.

```
RELIABILITY
/VARIABLES= changed_app stared unpeas_react selfconfidence friends
isolation photos
/SCALE('ALL VARIABLES') ALL/MODEL=ALPHA
/SUMMARY=TOTAL .
```

* delete isolation.

```
RELIABILITY
/VARIABLES= changed_app stared unpeas_react selfconfidence friends
photos
/SCALE('ALL VARIABLES') ALL/MODEL=ALPHA
/SUMMARY=TOTAL .
```

* delete friends.

```
RELIABILITY
/VARIABLES= changed_app stared unpeas_react selfconfidence photos
/SCALE('ALL VARIABLES') ALL/MODEL=ALPHA
/SUMMARY=TOTAL .
```

* delete photos.

```
RELIABILITY
/VARIABLES= changed_app stared unpeas_react selfconfidence
/SCALE('ALL VARIABLES') ALL/MODEL=ALPHA
/SUMMARY=TOTAL .
```