Table 32-5 Output for Internal Consistency of a Functional Scale with 6 Items Using Cronbach's Alpha

```
RELIABILITY
  /VARIABLES=Car Carry Dressing Reach Stairs Walk
  /SCALE('ALL VARIABLES') ALL
  /MODEL=ALPHA
  /STATISTICS=DESCRIPTIVE SCALE CORR
  /SUMMARY=TOTAL MEANS CORR.
```

Reliability

Run using Scale> Reliability Analysis > Model: Alpha / Statistics: Descriptives for Item, Scale, Scale if item deleted / Summaries: Means, Correlations

Scale: ALL VARIABLES

Case Processing Summary

		N	%
Cases	Valid	14	100.0
	Excluded[a]	0	.0
	Total	14	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
.894	.881	6

Item Statistics

	Mean	Std. Deviation	N
Car	1.86	.770	14
Carry	2.79	1.251	14
Dressing	2.57	1.089	14
Reach	3.00	1.240	14
Stairs	2.36	1.336	14
Walk	3.43	1.089	14

Inter-Item Correlation Matrix

	Car	Carry	Dressing	Reach	Stairs	Walk
Car	1.000	.125	.196	-.081	.278	.354
Carry	.125	1.000	.830	.843	.739	.637
Dressing	.196	.830	1.000	.797	.694	.750
Reach	-.081	.843	.797	1.000	.603	.740
Stairs	.278	.739	.694	.603	1.000	.785
Walk	.354	.637	.750	.740	.785	1.000

Summary Item Statistics

	Mean	Minimum	Maximum	Range	Maximum / Minimum	Variance	N of Items
Item Means	2.667	1.857	3.429	1.571	1.846	.293	6
Inter-Item Correlations	.553	-.081	.843	.923	-10.465	.085	6

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
Car	14.14	28.593	.192	.566	.932
Carry	13.21	19.874	.836	.904	.854
Dressing	13.43	21.033	.856	.777	.854
Reach	13.00	20.615	.765	.916	.867
Stairs	13.64	19.632	.790	.817	.863
Walk	12.57	21.187	.837	.893	.856

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
16.00	30.769	5.547	6