

# Project GRAD

## Health Assessment Survey Test-Retest Intraclass Correlations

### Sample Definition

In April 1995, 105 introductory psychology students took the Health Assessment Survey twice, separated by a one-week interval. The sample was composed of 78 women and 27 men, with a mean age of 20.6 (SD=2.5) years. The ethnic distribution was 43% European American, 24% Asian-Pacific Islander, 16% Latino, 6% African American, and 11% other groups.

### Methodology

Intraclass correlations were computed for 63 summary scores and 7 single items on the Project GRAD Health Assessment Survey. For relatively low correlations, data were checked for data entry accuracy and presence of outliers. In the few instances in which outliers were present, they were replaced with mean values and the test-retest correlations recomputed.

### Attachments

- Intraclass correlations for summary scores and items
- Descriptive statistics for 63 summary scores and item distributions for time 1 and time 2 survey administrations.
- Explanatory scatterplots and crosstabs to document low correlations and data revisions

Variable Name	Variable Description Scales	Intraclass
hrbsum1	Risk 6 Items	0.86
safety	Seatbelt& Helmet	0.83
drnkdrv	Drink& Drive	0.81
hsactiv	High School Activity	0.79
compyrs	College Competitive	0.71
recyrs	College Recreational	0.69
totcoly	Total College Years	0.75
colyrs	Other College Sports	0.86
exstage	Exercise Stage of Change	0.84
pastage	Phys Activ Stage of Change	0.52
totwk	NHIS Walking per Week	0.66
dayswk	NHIS Days Walked	0.57
walktot	Paffenbarger Walking	0.68
lifwk	Paffenbarger Lifestyle Walking	0.68
hrbsum2	Risk 4 Activity Items (Stretch-Sport)	0.82
tvperwk	TV per Week	0.8
actsum	Sum of 25 Activities	0.77
kkdacts	25 Activities Weighted by METs	0.8
lifact	Lifestyle Activity Minutes	0.62
walkscr	25 Activities: Walking	0.67
enjsum	Enjoyment Score	0.78
homeq	Home Equipment Score	0.89
nhood1	Neighborhood Score 10 Items	0.68
nhood8	Neighborhood Score 8 Items	0.86
convsrc	Convenience Facilities	0.81
workscr	Work Facilities	0.79
envsum1	Total Environment With Work	0.45
envsum2	Total Environment Without Work	0.9
famppt	Social Support:Family Participation	0.83
frnprt	Social Support:Friend Participation	0.82
fampun	Social Support:Family Punishment	0.63
totpart	Social Support:Total Participation	0.81
barrsum	Barrier Total	0.79
aversum	Barrier: Aversiveness Subscale	0.72
incvsum	Barrier:Inconvenience Subscale	0.79
worysum	Barrier:Worries Subscale	0.61
excusum	Barrier:Excuses Subscale	0.71
dmndsum	Barrier:Demands Subscale	0.62
benesum	Benefits Total	0.75
physsum	Benefits:Physical	0.64
psycsum	Benefits: Psychological	0.71
decbal	Decisional Balance	0.82
chnsum	Process of Change Total	0.85
expsum	Process of Change:Experiential	0.79
behsum	Process of Change:Behavioral	0.65
confsum	Exercise Confidence	0.78
maketim	Confidence: Make Time	0.77

rsstsum	Confidence: Resisting Relapse	0.65
imagsum	Body Image Total	0.91
edisum	Body Image: EDI	0.88
malesum	Body Image: Male	0.82
femisum	Body Image: Female	0.87
qol	Quality of Life Total	0.82
person	Quality of Life: Personal Life	0.71
worklif	Quality of Life: Work Life	0.7
self	Quality of Life: Self	0.81
whllif	Quality of Life: Life as a Whole	0.78
tobacco	Risk: Tobacco	0.96
safesex	Risk: Safesex	0.87
foodsum	Foods Eaten Yesterday Total	0.59
frutsum	Fruits & Vegetables Eaten	0.63
fatfsum	Fatty Foods Eaten	0.41
staysum	Behavioral Techniques to Stay Active	0.8

	Items	
gpa	Student GPA	0.92
kids	Number of Kids in the home	0.89
agehi	Highest Age of Kid in the home	0.96
ageho	Lowest Age of Kid in the home	0.97
gym	Member of a Gym	0.73
ses	SES	0.92
quit	Tried to Quit Smoking	0.84