

Appendix 14

Normality Test of Pretest and Post Test

Normality Test of Pretest Data

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
PRETEST	31	20	83	49.58	20.021

One-Sample Kolmogorov-Smirnov Test

	PRETEST
N	31
Normal Parameters(a,b) Mean	49.58
Std. Deviation	20.021
Most Extreme Differences Absolute	.092
Positive	.092
Negative	-.076
Kolmogorov-Smirnov Z	.510
Asymp. Sig. (2-tailed)	.958

a Test distribution is Normal.

b Calculated from data.

Normality Test of Post Test Data

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
POSTTEST	31	43	100	68.48	16.466

One-Sample Kolmogorov-Smirnov Test

	POSTTEST
N	31
Normal Parameters(a,b) Mean	68.48
Std. Deviation	16.466
Most Extreme Differences Absolute	.117
Positive	.117
Negative	-.069
Kolmogorov-Smirnov Z	.649
Asymp. Sig. (2-tailed)	.794

a Test distribution is Normal.

b Calculated from data.