```
USE ALL.
COMPUTE filter_$=(Skipper = 0  & Experimental = 1).
VARIABLE LABELS filter_$ 'Skipper = 0  & Experimental = 1 (FILTER)'.
VALUE LABELS filter_$ 0 'Not Selected' 1 'Selected'.
FORMATS filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE.
GLM TrainTotal NavTotalSquared WITH I TA ER
  /METHOD=SSTYPE(3)
  /INTERCEPT=INCLUDE
  /PRINT=DESCRIPTIVE ETASQ OPOWER PARAMETER
  /CRITERIA=ALPHA(.05)
  /DESIGN=I TA ER I*TA ER*TA ER*I ER*I*TA.
```

General Linear Model

Descriptive Statistics

	Mean	Std. Deviation	N
TrainTotal	6.34	4.832	74
NavTotalSquared	63.7365	139.04254	74

Multivariate Tests[a]

Effect		Value	F	Hypothesis df	Error df	Sig.
Intercept	Pillai's Trace	.008	.254[b]	2.000	65.000	.777
	Wilks' Lambda	.992	.254[b]	2.000	65.000	.777
	Hotelling's Trace	.008	.254[b]	2.000	65.000	.777
	Roy's Largest Root	.008	.254[b]	2.000	65.000	.777
I	Pillai's Trace	.007	.224[b]	2.000	65.000	.800
	Wilks' Lambda	.993	.224[b]	2.000	65.000	.800
	Hotelling's Trace	.007	.224[b]	2.000	65.000	.800
	Roy's Largest Root	.007	.224[b]	2.000	65.000	.800
TA	Pillai's Trace	.006	.191[b]	2.000	65.000	.826
	Wilks' Lambda	.994	.191[b]	2.000	65.000	.826
	Hotelling's Trace	.006	.191[b]	2.000	65.000	.826
	Roy's Largest Root	.006	.191[b]	2.000	65.000	.826
ER	Pillai's Trace	.012	.410[b]	2.000	65.000	.665
	Wilks' Lambda	.988	.410[b]	2.000	65.000	.665
	Hotelling's Trace	.013	.410[b]	2.000	65.000	.665
	Roy's Largest Root	.013	.410[b]	2.000	65.000	.665
I * TA	Pillai's Trace	.005	.180[b]	2.000	65.000	.836
	Wilks' Lambda	.995	.180[b]	2.000	65.000	.836
	Hotelling's Trace	.006	.180[b]	2.000	65.000	.836
	Roy's Largest Root	.006	.180[b]	2.000	65.000	.836
TA * ER	Pillai's Trace	.012	.400[b]	2.000	65.000	.672
	Wilks' Lambda	.988	.400[b]	2.000	65.000	.672
	Hotelling's Trace	.012	.400[b]	2.000	65.000	.672
	Roy's Largest Root	.012	.400[b]	2.000	65.000	.672
I * ER	Pillai's Trace	.014	.463[b]	2.000	65.000	.631
	Wilks' Lambda	.986	.463[b]	2.000	65.000	.631
	Hotelling's Trace	.014	.463[b]	2.000	65.000	.631
	Roy's Largest Root	.014	.463[b]	2.000	65.000	.631
I * TA * ER	Pillai's Trace	.014	.449[b]	2.000	65.000	.640
	Wilks' Lambda	.986	.449[b]	2.000	65.000	.640
	Hotelling's Trace	.014	.449[b]	2.000	65.000	.640
	Roy's Largest Root	.014	.449[b]	2.000	65.000	.640

Multivariate Tests[a]

Effect		Partial Eta Squared	Noncent. Parameter	Observed Power[c]
Intercept	Pillai's Trace	.008	.507	.088
	Wilks' Lambda	.008	.507	.088
	Hotelling's Trace	.008	.507	.088
	Roy's Largest Root	.008	.507	.088
I	Pillai's Trace	.007	.448	.084
	Wilks' Lambda	.007	.448	.084
	Hotelling's Trace	.007	.448	.084
	Roy's Largest Root	.007	.448	.084
TA	Pillai's Trace	.006	.383	.079
	Wilks' Lambda	.006	.383	.079
	Hotelling's Trace	.006	.383	.079
	Roy's Largest Root	.006	.383	.079
ER	Pillai's Trace	.012	.820	.114
	Wilks' Lambda	.012	.820	.114
	Hotelling's Trace	.012	.820	.114
	Roy's Largest Root	.012	.820	.114
I * TA	Pillai's Trace	.005	.359	.077
	Wilks' Lambda	.005	.359	.077
	Hotelling's Trace	.005	.359	.077
	Roy's Largest Root	.005	.359	.077
TA * ER	Pillai's Trace	.012	.800	.112
	Wilks' Lambda	.012	.800	.112
	Hotelling's Trace	.012	.800	.112
	Roy's Largest Root	.012	.800	.112
I * ER	Pillai's Trace	.014	.927	.123
	Wilks' Lambda	.014	.927	.123
	Hotelling's Trace	.014	.927	.123
	Roy's Largest Root	.014	.927	.123
I * TA * ER	Pillai's Trace	.014	.898	.120
	Wilks' Lambda	.014	.898	.120
	Hotelling's Trace	.014	.898	.120
	Roy's Largest Root	.014	.898	.120

a. Design: Intercept + I + TA + ER + I * TA + TA * ER + I * ER + I * TA * ER

b. Exact statistic

c. Computed using alpha = .05

Tests of Between-Subjects Effects

Source	Dependent Variable	Type III Sum of Squares	df	Mean Square	F
Corrected Model	TrainTotal	163.072[a]	7	23.296	.997
	NavTotalSquared	43135.213[b]	7	6162.173	.297
Intercept	TrainTotal	3.541	1	3.541	.152
	NavTotalSquared	6695.564	1	6695.564	.323
I	TrainTotal	4.277	1	4.277	.183
	NavTotalSquared	4850.839	1	4850.839	.234
TA	TrainTotal	2.952	1	2.952	.126
	NavTotalSquared	4788.146	1	4788.146	.231
ER	TrainTotal	12.056	1	12.056	.516
	NavTotalSquared	5196.456	1	5196.456	.251
I * TA	TrainTotal	4.542	1	4.542	.194
	NavTotalSquared	2903.927	1	2903.927	.140
TA * ER	TrainTotal	15.519	1	15.519	.664
	NavTotalSquared	2053.574	1	2053.574	.099
I * ER	TrainTotal	17.038	1	17.038	.729
	NavTotalSquared	3098.281	1	3098.281	.149
I * TA * ER	TrainTotal	19.295	1	19.295	.826
	NavTotalSquared	961.219	1	961.219	.046
Error	TrainTotal	1541.482	66	23.356	
	NavTotalSquared	1368161.273	66	20729.716	
Total	TrainTotal	4677.000	74		
	NavTotalSquared	1711909.625	74		
Corrected Total	TrainTotal	1704.554	73		
	NavTotalSquared	1411296.486	73		

Tests of Between-Subjects Effects

Source	Dependent Variable	Sig.	Partial Eta Squared	Noncent. Parameter	Observed Power[c]
Corrected Model	TrainTotal	.441	.096	6.982	.397
	NavTotalSquared	.953	.031	2.081	.132
Intercept	TrainTotal	.698	.002	.152	.067
	NavTotalSquared	.572	.005	.323	.087
I	TrainTotal	.670	.003	.183	.071
	NavTotalSquared	.630	.004	.234	.076
TA	TrainTotal	.723	.002	.126	.064
	NavTotalSquared	.632	.003	.231	.076
ER	TrainTotal	.475	.008	.516	.109
	NavTotalSquared	.618	.004	.251	.078
I * TA	TrainTotal	.661	.003	.194	.072
	NavTotalSquared	.709	.002	.140	.066
TA * ER	TrainTotal	.418	.010	.664	.127
	NavTotalSquared	.754	.001	.099	.061
I * ER	TrainTotal	.396	.011	.729	.134
	NavTotalSquared	.700	.002	.149	.067
I * TA * ER	TrainTotal	.367	.012	.826	.146
	NavTotalSquared	.830	.001	.046	.055
Error	TrainTotal				
	NavTotalSquared				
Total	TrainTotal				
	NavTotalSquared				
Corrected Total	TrainTotal				
	NavTotalSquared				

a. R Squared = .096 (Adjusted R Squared = .000)

b. R Squared = .031 (Adjusted R Squared = -.072)

c. Computed using alpha = .05

Parameter Estimates

Dependent Variable	Parameter	B	Std. Error	t	Sig.	95% ... Lower Bound
TrainTotal	Intercept	26.302	67.551	.389	.698	-108.567
	I	-5.752	13.440	-.428	.670	-32.586
	TA	-5.079	14.286	-.356	.723	-33.602
	ER	-9.297	12.940	-.718	.475	-35.133
	I * TA	1.234	2.798	.441	.661	-4.353
	TA * ER	2.292	2.812	.815	.418	-3.322
	I * ER	2.184	2.557	.854	.396	-2.921
	I * TA * ER	-.492	.541	-.909	.367	-1.572
NavTotalSquared	Intercept	-1143.737	2012.470	-.568	.572	-5161.764
	I	193.697	400.417	.484	.630	-605.760
	TA	204.552	425.615	.481	.632	-645.216
	ER	193.020	385.519	.501	.618	-576.693
	I * TA	-31.204	83.371	-.374	.709	-197.659
	TA * ER	-26.369	83.781	-.315	.754	-193.643
	I * ER	-29.450	76.177	-.387	.700	-181.543
	I * TA * ER	3.472	16.123	.215	.830	-28.719

Parameter Estimates

Dependent Variable	Parameter	95% Confidence ... Upper Bound	Partial Eta Squared	Noncent. Parameter	Observed Power[a]
TrainTotal	Intercept	161.172	.002	.389	.067
	I	21.083	.003	.428	.071
	TA	23.444	.002	.356	.064
	ER	16.539	.008	.718	.109
	I * TA	6.821	.003	.441	.072
	TA * ER	7.907	.010	.815	.127
	I * ER	7.289	.011	.854	.134
	I * TA * ER	.589	.012	.909	.146
NavTotalSquared	Intercept	2874.289	.005	.568	.087
	I	993.155	.004	.484	.076
	TA	1054.321	.003	.481	.076
	ER	962.733	.004	.501	.078
	I * TA	135.251	.002	.374	.066
	TA * ER	140.904	.001	.315	.061
	I * ER	122.643	.002	.387	.067
	I * TA * ER	35.663	.001	.215	.055

a. Computed using alpha = .05