```
T-TEST GROUPS=gender(1 2)
  /MISSING=ANALYSIS
  /VARIABLES=age
  /CRITERIA=CI(.9500).
```

T-Test

```
[DataSet1] C:\Documents and Settings\myersb\Desktop\fall2010 spss exams and practice\outp
ut practice for spss2\spss2.practice1.data.sav
```

Group Statistics

	gender	N	Mean	Std. Deviation	Std. Error Mean
age	male	23	43.17	10.899	2.273
	female	22	48.27	13.491	2.876

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means		
		F	Sig.	t	df	Sig. (2-tailed)
age	Equal variances assumed	2.131	.152	-1.398	43	.169
	Equal variances not assumed			-1.391	40.381	.172

Independent Samples Test

		t-test for Equality of Means			
				95% Confidence Interval of the Difference	
		Mean Difference	Std. Error Difference	Lower	Upper
age	Equal variances assumed	-5.099	3.648	-12.456	2.259
	Equal variances not assumed	-5.099	3.666	-12.506	2.308

```
USE ALL.
COMPUTE filter_$=(condition = 2).
VARIABLE LABEL filter_$ 'condition = 2 (FILTER)'.
VALUE LABELS filter_$ 0 'Not Selected' 1 'Selected'.
FORMAT filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE.
```

```
T-TEST PAIRS=coping1 WITH coping2 (PAIRED)
  /CRITERIA=CI(.9500)
  /MISSING=ANALYSIS.
```

T-Test

```
[DataSet1] C:\Documents and Settings\myersb\Desktop\fall2010 spss exams and practice\outp
ut practice for spss2\spss2.practice1.data.sav
```

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	coping1	3.60	15	1.056	.273
	coping2	5.53	15	1.187	.307

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	coping1 & coping2	15	.809	.000

Paired Samples Test

		Paired Differences					
					95% Confidence Interval of the Difference		
		Mean	Std. Deviation	Std. Error Mean	Lower	Upper	t
Pair 1	coping1 - coping2	-1.933	.704	.182	-2.323	-1.544	-10.640

Paired Samples Test

		Paired Differences	
		df	Sig. (2-tailed)
Pair 1	coping1 - coping2	14	.000

```
USE ALL.
COMPUTE filter_$=(condition = 3).
VARIABLE LABEL filter_$ 'condition = 3 (FILTER)'.
VALUE LABELS filter_$ 0 'Not Selected' 1 'Selected'.
FORMAT filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE.
T-TEST PAIRS=coping1 WITH coping2 (PAIRED)
  /CRITERIA=CI(.9500)
  /MISSING=ANALYSIS.
```

T-Test

[DataSet1] C:\Documents and Settings\myersb\Desktop\fall2010 spss exams and practice\output practice for spss2\spss2.practice1.data.sav

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	coping1	3.40	15	1.404	.363
	coping2	8.60	15	1.242	.321

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	coping1 & coping2	15	.836	.000

Paired Samples Test

		Paired Differences					
					95% Confidence Interval of the Difference		
		Mean	Std. Deviation	Std. Error Mean	Lower	Upper	t
Pair 1	coping1 - coping2	-5.200	.775	.200	-5.629	-4.771	-26.000

Paired Samples Test

		Paired Differences	
		df	Sig. (2-tailed)
Pair 1	coping1 - coping2	14	.000

```
FILTER OFF.
USE ALL.
EXECUTE.
RECODE condition (1=0) (2=0) (3=1) INTO motivational.
EXECUTE.
T-TEST GROUPS=motivational(0 1)
  /MISSING=ANALYSIS
  /VARIABLES=coping2
  /CRITERIA=CI(.9500).
```

T-Test

[DataSet1] C:\Documents and Settings\myersb\Desktop\fall2010 spss exams and practice\output practice for spss2\spss2.practice1.data.sav

Group Statistics

	motivational	N	Mean	Std. Deviation	Std. Error Mean
coping2	no	30	4.93	1.484	.271
	yes	15	8.60	1.242	.321

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means		
		F	Sig.	t	df	Sig. (2-tailed)
coping2	Equal variances assumed	.269	.606	-8.224	43	.000
	Equal variances not assumed			-8.733	33.000	.000

Independent Samples Test

		t-test for Equality of Means			
		Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
				Lower	Upper
coping2	Equal variances assumed	-3.667	.446	-4.566	-2.768
	Equal variances not assumed	-3.667	.420	-4.521	-2.812

```
USE ALL.
COMPUTE filter_$=(motivational = 1).
VARIABLE LABEL filter_$ 'motivational = 1 (FILTER)'.
VALUE LABELS filter_$ 0 'Not Selected' 1 'Selected'.
FORMAT filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE.
T-TEST
  /TESTVAL=7.2
  /MISSING=ANALYSIS
  /VARIABLES=competency
  /CRITERIA=CI(.9000).
```

T-Test

```
[DataSet1] C:\Documents and Settings\myersb\Desktop\fall2010 spss exams and practice\outp
ut practice for spss2\spss2.practice1.data.sav

FILTER OFF.
```

```
USE ALL.
EXECUTE.
COMPUTE copediff=coping1 - coping2.
EXECUTE.
T-TEST GROUPS=motivational(0 1)
  /MISSING=ANALYSIS
  /VARIABLES=copediff
  /CRITERIA=CI(.9500).
```

T-Test

[DataSet1] C:\Documents and Settings\myersb\Desktop\fall2010 spss exams and practice\output practice for spss2\spss2.practice1.data.sav

Group Statistics

	motivati...	N	Mean	Std. Deviation	Std. Error Mean
copediff	no	30	-1.2333	.97143	.17736
	yes	15	-5.2000	.77460	.20000

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means		
		F	Sig.	t	df	Sig. (2-tailed)
copediff	Equal variances assumed	2.460	.124	13.754	43	.000
	Equal variances not assumed			14.839	34.405	.000

Independent Samples Test

		t-test for Equality of Means			
				95% Confidence Interval of the Difference	
		Mean Difference	Std. Error Difference	Lower	Upper
copediff	Equal variances assumed	3.96667	.28841	3.38504	4.54829
	Equal variances not assumed	3.96667	.26731	3.42366	4.50968

```
GRAPH
  /BAR(SIMPLE)=MEAN(copediff) BY motivational
  /INTERVAL SE(2.0).
```

Graph

[DataSet1] C:\Documents and Settings\myersb\Desktop\fall2010 spss exams and practice\output practice for spss2\spss2.practice1.data.sav