

# MVA

## Univariate Statistics

	N	Mean	Std. Deviation	Missing		No. of Extremes <sup>a</sup>	
				Count	Percent	Low	High
id	405	203.00	117.058	0	.0	0	0
gender	405	.50	.501	0	.0	0	0
support	405	9.0494	2.01849	0	.0	8	0
anti1	405	1.6617	1.65806	0	.0	0	1
anti2	297	1.8283	1.89794	108	26.7	0	4
anti3	374	2.0267	2.03701	31	7.7	0	8
anti4	294	2.0612	2.15199	111	27.4	0	6
gpa1	405	2.5227	.92494	0	.0	0	8
gpa2	375	4.0760	1.08365	30	7.4	0	3
gpa3	275	5.0051	1.16097	130	32.1	0	2
gpa4	270	5.7741	1.24804	135	33.3	0	0

a. Number of cases outside the range (Q1 - 1.5\*IQR, Q3 + 1.5\*IQR).

## Summary of Estimated Means

	id	gender	support	anti1	anti2	anti3	anti4	gpa1	gpa2	gpa3	gpa4
All Values	203.00	.50	9.0494	1.6617	1.8283	2.0267	2.0612	2.5227	4.0760	5.0051	5.7741
EM		.50	9.0494	1.6617	1.8903	1.9909	2.1626	2.5227	4.0672	5.0231	5.8033

## Summary of Estimated Standard Deviations

	id	gender	support	anti1	anti2	anti3	anti4	gpa1	gpa2	gpa3	gpa4
All Values	117.058	.501	2.01849	1.65806	1.89794	2.03701	2.15199	.92494	1.08365	1.16097	1.24804
EM		.501	2.01849	1.65806	1.94044	2.02687	2.21960	.92494	1.08170	1.19007	1.30964

## EM Estimated Statistics

### EM Means<sup>a</sup>

gender	support	anti1	anti2	anti3	anti4	gpa1	gpa2	gpa3	gpa4
.50	9.0494	1.6617	1.8903	1.9909	2.1626	2.5227	4.0672	5.0231	5.8033

a. Little's MCAR test: Chi-Square = 213.479, DF = 188, Sig. = .098

**EM Covariances<sup>a</sup>**

	gender	support	anti1	anti2	anti3	anti4	gpa1	gpa2	gpa3	gpa4
gender	.251									
support	.005	4.07429								
anti1	.180	-.73573	2.74915							
anti2	.219	-.80166	1.38551	3.76531						
anti3	.237	-.98066	1.48969	2.22317	4.10820					
anti4	.215	-1.20222	1.54672	2.61460	2.70187	4.92663				
gpa1	-.024	.19591	-.10715	-.09334	-.14802	-.27001	.85552			
gpa2	-.039	.45692	-.21638	-.30058	-.27208	-.33278	.65800	1.17007		
gpa3	-.021	.49735	-.28517	-.41251	-.28149	-.30524	.61892	1.01675	1.41626	
gpa4	-.018	.72257	-.45317	-.57058	-.57463	-.49882	.60563	1.08855	1.28030	1.71515

a. Little's MCAR test: Chi-Square = 213.479, DF = 188, Sig. = .098

**EM Correlations<sup>a</sup>**

	gender	support	anti1	anti2	anti3	anti4	gpa1	gpa2	gpa3	gpa4
gender	1									
support	.005	1								
anti1	.217	-.220	1							
anti2	.226	-.205	.431	1						
anti3	.233	-.240	.443	.565	1					
anti4	.194	-.268	.420	.607	.601	1				
gpa1	-.051	.105	-.070	-.052	-.079	-.132	1			
gpa2	-.072	.209	-.121	-.143	-.124	-.139	.658	1		
gpa3	-.035	.207	-.145	-.179	-.117	-.116	.562	.790	1	
gpa4	-.028	.273	-.209	-.225	-.216	-.172	.500	.768	.821	1

a. Little's MCAR test: Chi-Square = 213.479, DF = 188, Sig. = .098