```
RECODE Webcam Interface ('control'='1') ('main'='2') ('switch'='3') ('bigsmall'='2') ('sidebysi

>Warning # 4638 in column 25.  Text: (
>String variables being recoded differ in length.  The recode may be
>inappropriate for some of the variables.

>Warning # 4624 in column 84.  Text: )
>The preceding RECODE specifies a value to be recoded that is longer than some
>variable(s) in the recode.  The shorter values will be padded with blanks for
>the comparison.

>Warning # 4624 in column 103.  Text: )
>The preceding RECODE specifies a value to be recoded that is longer than some
>variable(s) in the recode.  The shorter values will be padded with blanks for
>the comparison.
EXECUTE.
FREQUENCIES VARIABLES=Interface Webcam
  /ORDER=ANALYSIS.
```

Frequencies

[DataSet1]

Statistics

		Interface	Webcam
N	Valid	232	232
	Missing	0	0

Frequency Table

Interface

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	72	31.0	31.0	31.0
	2	160	69.0	69.0	100.0
	Total	232	100.0	100.0	

Webcam

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	74	31.9	31.9	31.9
	2	86	37.1	37.1	69.0
	3	72	31.0	31.0	100.0
	Total	232	100.0	100.0	

```
GLM Polite Acceptable EngagementB EyeContact BY Webcam WITH Gender Whatisyourage
  /METHOD=SSTYPE(3)
  /INTERCEPT=INCLUDE
  /PLOT=PROFILE(Webcam)
  /PRINT=HOMOGENEITY LOF
  /CRITERIA=ALPHA(.05)
  /DESIGN=Gender Whatisyourage Webcam.
```

General Linear Model

[DataSet1] C:\Users\Eveline\Documents\Thesis\Camera detection\Results - surv
ey\DATA ANALYSIS\DATA_FILTERED_EXP1_EXP2_FINAL_SPSS.sav

Between-Subjects Factors

		Value Label	N
Webcam	2	main	23
	3	switch	24

Box's Test of Equality of Covariance Matrices[a]

Box's M	13.120
F	1.185
df1	10
df2	9638.207
Sig.	.295

Tests the null hypothesis that the observed covariance matrices of the dependent variables are equal across groups.

a. Design: Intercept + Gender + Whatisyourage + Webcam

Multivariate Tests[a]

Effect		Value	F	Hypothesis df	Error df	Sig.
Intercept	Pillai's Trace	.515	10.639[b]	4.000	40.000	.000
	Wilks' Lambda	.485	10.639[b]	4.000	40.000	.000
	Hotelling's Trace	1.064	10.639[b]	4.000	40.000	.000
	Roy's Largest Root	1.064	10.639[b]	4.000	40.000	.000
Gender	Pillai's Trace	.149	1.757[b]	4.000	40.000	.157
	Wilks' Lambda	.851	1.757[b]	4.000	40.000	.157
	Hotelling's Trace	.176	1.757[b]	4.000	40.000	.157
	Roy's Largest Root	.176	1.757[b]	4.000	40.000	.157
Whatisyourage	Pillai's Trace	.123	1.403[b]	4.000	40.000	.251
	Wilks' Lambda	.877	1.403[b]	4.000	40.000	.251
	Hotelling's Trace	.140	1.403[b]	4.000	40.000	.251
	Roy's Largest Root	.140	1.403[b]	4.000	40.000	.251
Webcam	Pillai's Trace	.144	1.685[b]	4.000	40.000	.173
	Wilks' Lambda	.856	1.685[b]	4.000	40.000	.173
	Hotelling's Trace	.168	1.685[b]	4.000	40.000	.173
	Roy's Largest Root	.168	1.685[b]	4.000	40.000	.173

a. Design: Intercept + Gender + Whatisyourage + Webcam

b. Exact statistic

Levene's Test of Equality of Error Variances[a]

	F	df1	df2	Sig.
Polite	.253	1	45	.617
Acceptable	.349	1	45	.558
EngagementB	.003	1	45	.958
EyeContact	.654	1	45	.423

Tests the null hypothesis that the error variance of the dependent variable is equal across groups.

a. Design: Intercept + Gender + Whatisyourage + Webcam

Tests of Between-Subjects Effects

Source	Dependent Variable	Type III Sum of Squares	df	Mean Square	F
Corrected Model	Polite	9.244[a]	3	3.081	2.202
	Acceptable	7.280[b]	3	2.427	1.962
	EngagementB	13.852[c]	3	4.617	2.887
	EyeContact	2.056[d]	3	.685	.419
Intercept	Polite	57.040	1	57.040	40.770
	Acceptable	41.904	1	41.904	33.878
	EngagementB	30.265	1	30.265	18.920
	EyeContact	26.514	1	26.514	16.192
Gender	Polite	5.988	1	5.988	4.280
	Acceptable	7.248	1	7.248	5.860
	EngagementB	10.818	1	10.818	6.763
	EyeContact	1.775	1	1.775	1.084
Whatisyourage	Polite	1.104	1	1.104	.789
	Acceptable	.054	1	.054	.043
	EngagementB	2.123	1	2.123	1.327
	EyeContact	.124	1	.124	.075
Webcam	Polite	1.036	1	1.036	.741
	Acceptable	.080	1	.080	.065
	EngagementB	3.219	1	3.219	2.012
	EyeContact	.464	1	.464	.283
Error	Polite	60.160	43	1.399	
	Acceptable	53.188	43	1.237	
	EngagementB	68.786	43	1.600	
	EyeContact	70.412	43	1.637	
Total	Polite	574.000	47		
	Acceptable	514.000	47		
	EngagementB	459.000	47		
	EyeContact	466.000	47		

Tests of Between-Subjects Effects

Source	Dependent Variable	Sig.
Corrected Model	Polite	.102
	Acceptable	.134
	EngagementB	.046
	EyeContact	.741
Intercept	Polite	.000
	Acceptable	.000
	EngagementB	.000
	EyeContact	.000
Gender	Polite	.045
	Acceptable	.020
	EngagementB	.013
	EyeContact	.304
Whatisyourage	Polite	.379
	Acceptable	.836
	EngagementB	.256
	EyeContact	.785
Webcam	Polite	.394
	Acceptable	.800
	EngagementB	.163
	EyeContact	.597
Error	Polite	
	Acceptable	
	EngagementB	
	EyeContact	
Total	Polite	
	Acceptable	
	EngagementB	
	EyeContact	

Tests of Between-Subjects Effects

Source	Dependent Variable	Type III Sum of Squares	df	Mean Square	F
Corrected Total	Polite	69.404	46		
	Acceptable	60.468	46		
	EngagementB	82.638	46		
	EyeContact	72.468	46		

Tests of Between-Subjects Effects

Source	Dependent Variable	Sig.
Corrected Total	Polite	
	Acceptable	
	EngagementB	
	EyeContact	

a. R Squared = .133 (Adjusted R Squared = .073)

b. R Squared = .120 (Adjusted R Squared = .059)

c. R Squared = .168 (Adjusted R Squared = .110)

d. R Squared = .028 (Adjusted R Squared = -.039)

Lack of Fit

Multivariate Tests

Dependent Variables		Value	F	Hypothesis df	Error df
Polite, Acceptable, EngagementB, EyeContact	Pillai's Trace	1.065	1.198	40.000	132.000
	Wilks' Lambda	.273	1.182	40.000	115.612
	Hotelling's Trace	1.621	1.155	40.000	114.000
	Roy's Largest Root	.729	2.406[a]	10.000	33.000
Polite, Acceptable, EngagementB	Pillai's Trace	.813	1.227	30.000	99.000
	Wilks' Lambda	.378	1.201	30.000	91.667
	Hotelling's Trace	1.185	1.172	30.000	89.000
	Roy's Largest Root	.649	2.142[a]	10.000	33.000
Polite, Acceptable, EyeContact	Pillai's Trace	.734	1.069	30.000	99.000
	Wilks' Lambda	.422	1.043	30.000	91.667
	Hotelling's Trace	1.027	1.016	30.000	89.000
	Roy's Largest Root	.563	1.858[a]	10.000	33.000
Polite, EngagementB, EyeContact	Pillai's Trace	.850	1.304	30.000	99.000
	Wilks' Lambda	.357	1.284	30.000	91.667
	Hotelling's Trace	1.274	1.260	30.000	89.000
	Roy's Largest Root	.723	2.385[a]	10.000	33.000
Acceptable, EngagementB, EyeContact	Pillai's Trace	.735	1.071	30.000	99.000
	Wilks' Lambda	.417	1.062	30.000	91.667
	Hotelling's Trace	1.060	1.048	30.000	89.000
	Roy's Largest Root	.621	2.050[a]	10.000	33.000
Polite, Acceptable	Pillai's Trace	.548	1.246	20.000	66.000
	Wilks' Lambda	.522	1.227[b]	20.000	64.000
	Hotelling's Trace	.779	1.207	20.000	62.000
	Roy's Largest Root	.518	1.708[a]	10.000	33.000

Multivariate Tests

Dependent Variables		Sig.
Polite, Acceptable, EngagementB, EyeContact	Pillai's Trace	.223
	Wilks' Lambda	.245
	Hotelling's Trace	.274
	Roy's Largest Root	.028
Polite, Acceptable, EngagementB	Pillai's Trace	.225
	Wilks' Lambda	.251
	Hotelling's Trace	.279
	Roy's Largest Root	.049
Polite, Acceptable, EyeContact	Pillai's Trace	.390
	Wilks' Lambda	.424
	Hotelling's Trace	.460
	Roy's Largest Root	.088
Polite, EngagementB, EyeContact	Pillai's Trace	.166
	Wilks' Lambda	.183
	Hotelling's Trace	.202
	Roy's Largest Root	.030
Acceptable, EngagementB, EyeContact	Pillai's Trace	.387
	Wilks' Lambda	.401
	Hotelling's Trace	.418
	Roy's Largest Root	.059
Polite, Acceptable	Pillai's Trace	.248
	Wilks' Lambda	.263
	Hotelling's Trace	.279
	Roy's Largest Root	.120

Multivariate Tests

Dependent Variables		Value	F	Hypothesis df	Error df
Polite, EngagementB	Pillai's Trace	.553	1.262	20.000	66.000
	Wilks' Lambda	.515	1.257[b]	20.000	64.000
	Hotelling's Trace	.807	1.251	20.000	62.000
	Roy's Largest Root	.575	1.897[a]	10.000	33.000
Polite, EyeContact	Pillai's Trace	.460	.987	20.000	66.000
	Wilks' Lambda	.592	.958[b]	20.000	64.000
	Hotelling's Trace	.600	.930	20.000	62.000
	Roy's Largest Root	.338	1.114[a]	10.000	33.000
Acceptable, EngagementB	Pillai's Trace	.482	1.049	20.000	66.000
	Wilks' Lambda	.576	1.017[b]	20.000	64.000
	Hotelling's Trace	.636	.986	20.000	62.000
	Roy's Largest Root	.332	1.095[a]	10.000	33.000
Acceptable, EyeContact	Pillai's Trace	.432	.908	20.000	66.000
	Wilks' Lambda	.611	.893[b]	20.000	64.000
	Hotelling's Trace	.566	.878	20.000	62.000
	Roy's Largest Root	.384	1.267[a]	10.000	33.000
EngagementB, EyeContact	Pillai's Trace	.532	1.197	20.000	66.000
	Wilks' Lambda	.536	1.170[b]	20.000	64.000
	Hotelling's Trace	.737	1.143	20.000	62.000
	Roy's Largest Root	.458	1.510[a]	10.000	33.000
Polite	Pillai's Trace	.210	.880[b]	10.000	33.000
	Wilks' Lambda	.790	.880[b]	10.000	33.000
	Hotelling's Trace	.267	.880[b]	10.000	33.000
	Roy's Largest Root	.267	.880[b]	10.000	33.000
Acceptable	Pillai's Trace	.238	1.028[b]	10.000	33.000
	Wilks' Lambda	.762	1.028[b]	10.000	33.000
	Hotelling's Trace	.311	1.028[b]	10.000	33.000
	Roy's Largest Root	.311	1.028[b]	10.000	33.000
EngagementB	Pillai's Trace	.234	1.007[b]	10.000	33.000
	Wilks' Lambda	.766	1.007[b]	10.000	33.000
	Hotelling's Trace	.305	1.007[b]	10.000	33.000
	Roy's Largest Root	.305	1.007[b]	10.000	33.000
EyeContact	Pillai's Trace	.252	1.112[b]	10.000	33.000
	Wilks' Lambda	.748	1.112[b]	10.000	33.000
	Hotelling's Trace	.337	1.112[b]	10.000	33.000
	Roy's Largest Root	.337	1.112[b]	10.000	33.000

Multivariate Tests

Dependent Variables		Sig.
Polite, EngagementB	Pillai's Trace	.236
	Wilks' Lambda	.241
	Hotelling's Trace	.247
	Roy's Largest Root	.082
Polite, EyeContact	Pillai's Trace	.489
	Wilks' Lambda	.521
	Hotelling's Trace	.553
	Roy's Largest Root	.381
Acceptable, EngagementB	Pillai's Trace	.422
	Wilks' Lambda	.456
	Hotelling's Trace	.491
	Roy's Largest Root	.394
Acceptable, EyeContact	Pillai's Trace	.579
	Wilks' Lambda	.596
	Hotelling's Trace	.614
	Roy's Largest Root	.288
EngagementB, EyeContact	Pillai's Trace	.285
	Wilks' Lambda	.308
	Hotelling's Trace	.333
	Roy's Largest Root	.180
Polite	Pillai's Trace	.561
	Wilks' Lambda	.561
	Hotelling's Trace	.561
	Roy's Largest Root	.561
Acceptable	Pillai's Trace	.442
	Wilks' Lambda	.442
	Hotelling's Trace	.442
	Roy's Largest Root	.442
EngagementB	Pillai's Trace	.458
	Wilks' Lambda	.458
	Hotelling's Trace	.458
	Roy's Largest Root	.458
EyeContact	Pillai's Trace	.383
	Wilks' Lambda	.383
	Hotelling's Trace	.383
	Roy's Largest Root	.383

a. The statistic is an upper bound on F that yields a lower bound on the significance level.

b. Exact statistic

Univariate Tests

Dependent Variable	Source	Sum of Squares	df	Mean Square	F	Sig.
Polite	Lack of Fit	12.660	10	1.266	.880	.561
	Pure Error	47.500	33	1.439		
Acceptable	Lack of Fit	12.633	10	1.263	1.028	.442
	Pure Error	40.556	33	1.229		
EngagementB	Lack of Fit	16.077	10	1.608	1.007	.458
	Pure Error	52.708	33	1.597		
EyeContact	Lack of Fit	17.746	10	1.775	1.112	.383
	Pure Error	52.667	33	1.596		

```
 USE ALL.
COMPUTE filter_$=(Webcam >= 2).
VARIABLE LABELS filter_$ 'Webcam >= 2 (FILTER)'.
VALUE LABELS filter_$ 0 'Not Selected' 1 'Selected'.
FORMATS filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE.
UNIANOVA EngagementB BY Interface
  /METHOD=SSTYPE(3)
  /INTERCEPT=INCLUDE
  /CRITERIA=ALPHA(0.05)
  /DESIGN=Interface.
```

Univariate Analysis of Variance

[DataSet1] C:\Users\Eveline\Documents\Thesis\Camera detection\Results - surv
ey\DATA ANALYSIS\DATA_FILTERED_EXP1_EXP2_FINAL_SPSS.sav

Between-Subjects Factors

		Value Label	N
Interface	1	sidebyside	47
	2	bigsmall	111

Tests of Between-Subjects Effects

Dependent Variable: EngagementB

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	8.982[a]	1	8.982	6.202	.014
Intercept	1261.539	1	1261.539	871.045	.000
Interface	8.982	1	8.982	6.202	.014
Error	225.936	156	1.448		
Total	1849.000	158			
Corrected Total	234.918	157			

a. R Squared = .038 (Adjusted R Squared = .032)

```
GLM Polite Acceptable EngagementB BY Webcam WITH Gender Whatisyourage
  /METHOD=SSTYPE(3)
  /INTERCEPT=INCLUDE
  /PLOT=PROFILE(Webcam)
  /PRINT=HOMOGENEITY LOF
  /CRITERIA=ALPHA(.05)
  /DESIGN=Gender Whatisyourage Webcam.
```

General Linear Model

[DataSet1] C:\Users\Eveline\Documents\Thesis\Camera detection\Results - surv
ey\DATA ANALYSIS\DATA_FILTERED_EXP1_EXP2_FINAL_SPSS.sav

Between-Subjects Factors

		Value Label	N
Webcam	2	main	63
	3	switch	48

**Box's Test of
Equality of
Covariance Matrices**[a]

Box's M	19.846
F	3.206
df1	6
df2	71168.784
Sig.	.004

Tests the null
hypothesis that the
observed covariance
matrices of the
dependent variables
are equal across
groups.

a. Design: Intercept + Gender + Whatisyourage + Webcam

Multivariate Tests[a]

Effect		Value	F	Hypothesis df	Error df	Sig.
Intercept	Pillai's Trace	.444	27.933[b]	3.000	105.000	.000
	Wilks' Lambda	.556	27.933[b]	3.000	105.000	.000
	Hotelling's Trace	.798	27.933[b]	3.000	105.000	.000
	Roy's Largest Root	.798	27.933[b]	3.000	105.000	.000
Gender	Pillai's Trace	.069	2.602[b]	3.000	105.000	.056
	Wilks' Lambda	.931	2.602[b]	3.000	105.000	.056
	Hotelling's Trace	.074	2.602[b]	3.000	105.000	.056
	Roy's Largest Root	.074	2.602[b]	3.000	105.000	.056
Whatisyourage	Pillai's Trace	.073	2.745[b]	3.000	105.000	.047
	Wilks' Lambda	.927	2.745[b]	3.000	105.000	.047
	Hotelling's Trace	.078	2.745[b]	3.000	105.000	.047
	Roy's Largest Root	.078	2.745[b]	3.000	105.000	.047
Webcam	Pillai's Trace	.081	3.067[b]	3.000	105.000	.031
	Wilks' Lambda	.919	3.067[b]	3.000	105.000	.031
	Hotelling's Trace	.088	3.067[b]	3.000	105.000	.031
	Roy's Largest Root	.088	3.067[b]	3.000	105.000	.031

a. Design: Intercept + Gender + Whatisyourage + Webcam

b. Exact statistic

Levene's Test of Equality of Error Variances[a]

	F	df1	df2	Sig.
Polite	3.036	1	109	.084
Acceptable	3.038	1	109	.084
EngagementB	.011	1	109	.916

Tests the null hypothesis that the error variance of the dependent variable is equal across groups.

a. Design: Intercept + Gender + Whatisyourage + Webcam

Tests of Between-Subjects Effects

Source	Dependent Variable	Type III Sum of Squares	df	Mean Square	F
Corrected Model	Polite	21.601[a]	3	7.200	6.206
	Acceptable	19.685[b]	3	6.562	5.755
	EngagementB	15.574[c]	3	5.191	4.349
Intercept	Polite	76.148	1	76.148	65.631
	Acceptable	92.133	1	92.133	80.799
	EngagementB	67.728	1	67.728	56.739
Gender	Polite	5.909	1	5.909	5.093
	Acceptable	9.041	1	9.041	7.929
	EngagementB	5.025	1	5.025	4.210
Whatisyourage	Polite	7.642	1	7.642	6.587
	Acceptable	4.417	1	4.417	3.874
	EngagementB	7.187	1	7.187	6.021
Webcam	Polite	10.502	1	10.502	9.052
	Acceptable	8.708	1	8.708	7.637
	EngagementB	5.502	1	5.502	4.609
Error	Polite	124.146	107	1.160	
	Acceptable	122.008	107	1.140	
	EngagementB	127.723	107	1.194	
Total	Polite	1509.000	111		
	Acceptable	1484.000	111		
	EngagementB	1390.000	111		
Corrected Total	Polite	145.748	110		
	Acceptable	141.694	110		
	EngagementB	143.297	110		

Tests of Between-Subjects Effects

Source	Dependent Variable	Sig.
Corrected Model	Polite	.001
	Acceptable	.001
	EngagementB	.006
Intercept	Polite	.000
	Acceptable	.000
	EngagementB	.000
Gender	Polite	.026
	Acceptable	.006
	EngagementB	.043
Whatisyourage	Polite	.012
	Acceptable	.052
	EngagementB	.016
Webcam	Polite	.003
	Acceptable	.007
	EngagementB	.034
Error	Polite	
	Acceptable	
	EngagementB	
Total	Polite	
	Acceptable	
	EngagementB	
Corrected Total	Polite	
	Acceptable	
	EngagementB	

a. R Squared = .148 (Adjusted R Squared = .124)

b. R Squared = .139 (Adjusted R Squared = .115)

c. R Squared = .109 (Adjusted R Squared = .084)

Lack of Fit

Multivariate Tests

Dependent Variables		Value	F	Hypothesis df	Error df
Polite, Acceptable, EngagementB	Pillai's Trace	.417	1.074	42.000	279.000
	Wilks' Lambda	.636	1.064	42.000	270.715
	Hotelling's Trace	.493	1.053	42.000	269.000
	Roy's Largest Root	.215	1.427[a]	14.000	93.000
Polite, Acceptable	Pillai's Trace	.326	1.292	28.000	186.000
	Wilks' Lambda	.701	1.278[b]	28.000	184.000
	Hotelling's Trace	.389	1.265	28.000	182.000
	Roy's Largest Root	.201	1.333[a]	14.000	93.000
Polite, EngagementB	Pillai's Trace	.292	1.136	28.000	186.000
	Wilks' Lambda	.729	1.125[b]	28.000	184.000
	Hotelling's Trace	.343	1.115	28.000	182.000
	Roy's Largest Root	.194	1.288[a]	14.000	93.000
Acceptable, EngagementB	Pillai's Trace	.253	.960	28.000	186.000
	Wilks' Lambda	.761	.959[b]	28.000	184.000
	Hotelling's Trace	.295	.958	28.000	182.000
	Roy's Largest Root	.204	1.358[a]	14.000	93.000
Polite	Pillai's Trace	.162	1.287[b]	14.000	93.000
	Wilks' Lambda	.838	1.287[b]	14.000	93.000
	Hotelling's Trace	.194	1.287[b]	14.000	93.000
	Roy's Largest Root	.194	1.287[b]	14.000	93.000
Acceptable	Pillai's Trace	.167	1.329[b]	14.000	93.000
	Wilks' Lambda	.833	1.329[b]	14.000	93.000
	Hotelling's Trace	.200	1.329[b]	14.000	93.000
	Roy's Largest Root	.200	1.329[b]	14.000	93.000
EngagementB	Pillai's Trace	.141	1.088[b]	14.000	93.000
	Wilks' Lambda	.859	1.088[b]	14.000	93.000
	Hotelling's Trace	.164	1.088[b]	14.000	93.000
	Roy's Largest Root	.164	1.088[b]	14.000	93.000

Multivariate Tests

| Dependent Variables		Sig.
Polite, Acceptable, EngagementB	Pillai's Trace	.358
	Wilks' Lambda	.374
	Hotelling's Trace	.390
	Roy's Largest Root	.157
Polite, Acceptable	Pillai's Trace	.161
	Wilks' Lambda	.171
	Hotelling's Trace	.182
	Roy's Largest Root	.203
Polite, EngagementB	Pillai's Trace	.301
	Wilks' Lambda	.313
	Hotelling's Trace	.326
	Roy's Largest Root	.230
Acceptable, EngagementB	Pillai's Trace	.528
	Wilks' Lambda	.529
	Hotelling's Trace	.531
	Roy's Largest Root	.190
Polite	Pillai's Trace	.230
	Wilks' Lambda	.230
	Hotelling's Trace	.230
	Roy's Largest Root	.230
Acceptable	Pillai's Trace	.206
	Wilks' Lambda	.206
	Hotelling's Trace	.206
	Roy's Largest Root	.206
EngagementB	Pillai's Trace	.379
	Wilks' Lambda	.379
	Hotelling's Trace	.379
	Roy's Largest Root	.379

a. The statistic is an upper bound on F that yields a lower bound on the significance level.

b. Exact statistic

Univariate Tests

| Dependent Variable	Source	Sum of Squares	df	Mean Square	F	Sig.
Polite	Lack of Fit	20.150	14	1.439	1.287	.230
	Pure Error	103.996	93	1.118		
Acceptable	Lack of Fit	20.338	14	1.453	1.329	.206
	Pure Error	101.670	93	1.093		
EngagementB	Lack of Fit	17.973	14	1.284	1.088	.379
	Pure Error	109.750	93	1.180		

Profile Plots

Polite
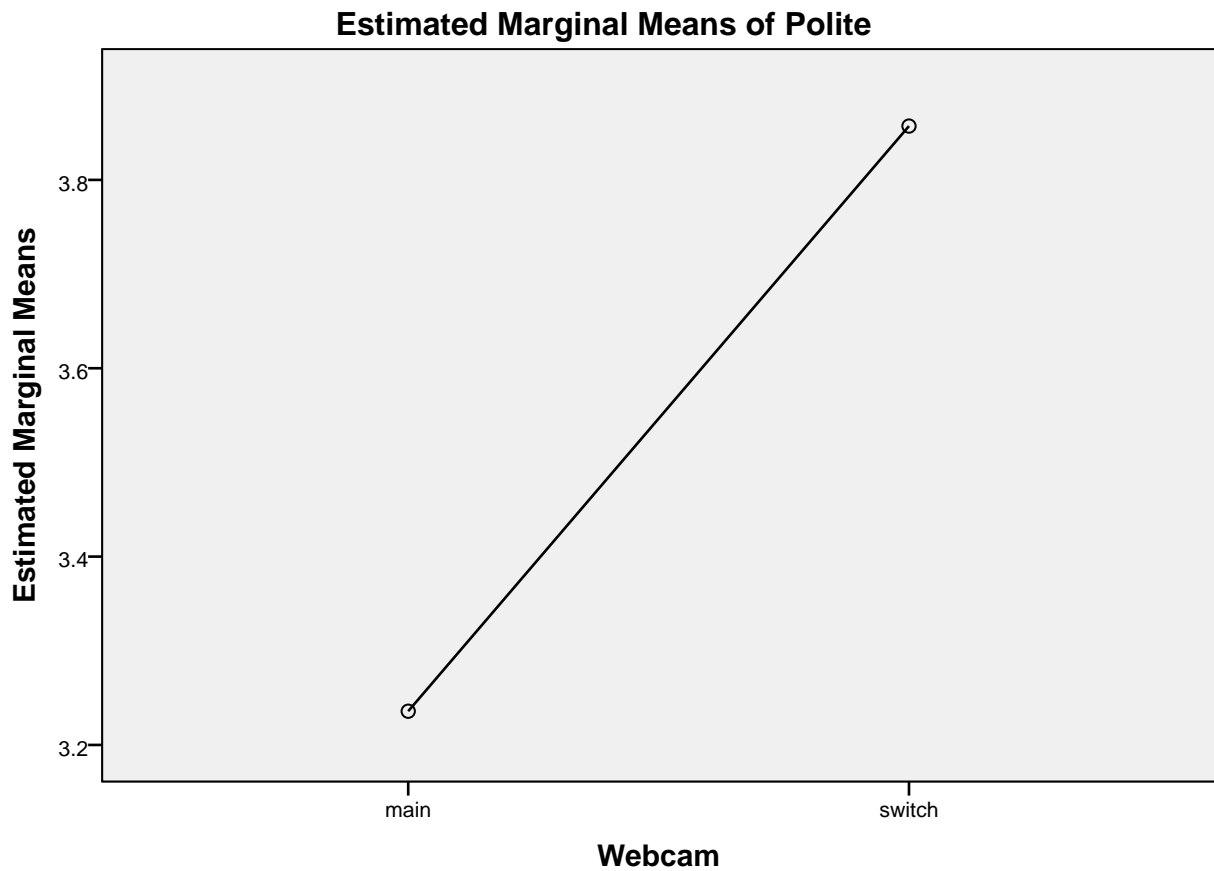
Estimated Marginal Means of Polite

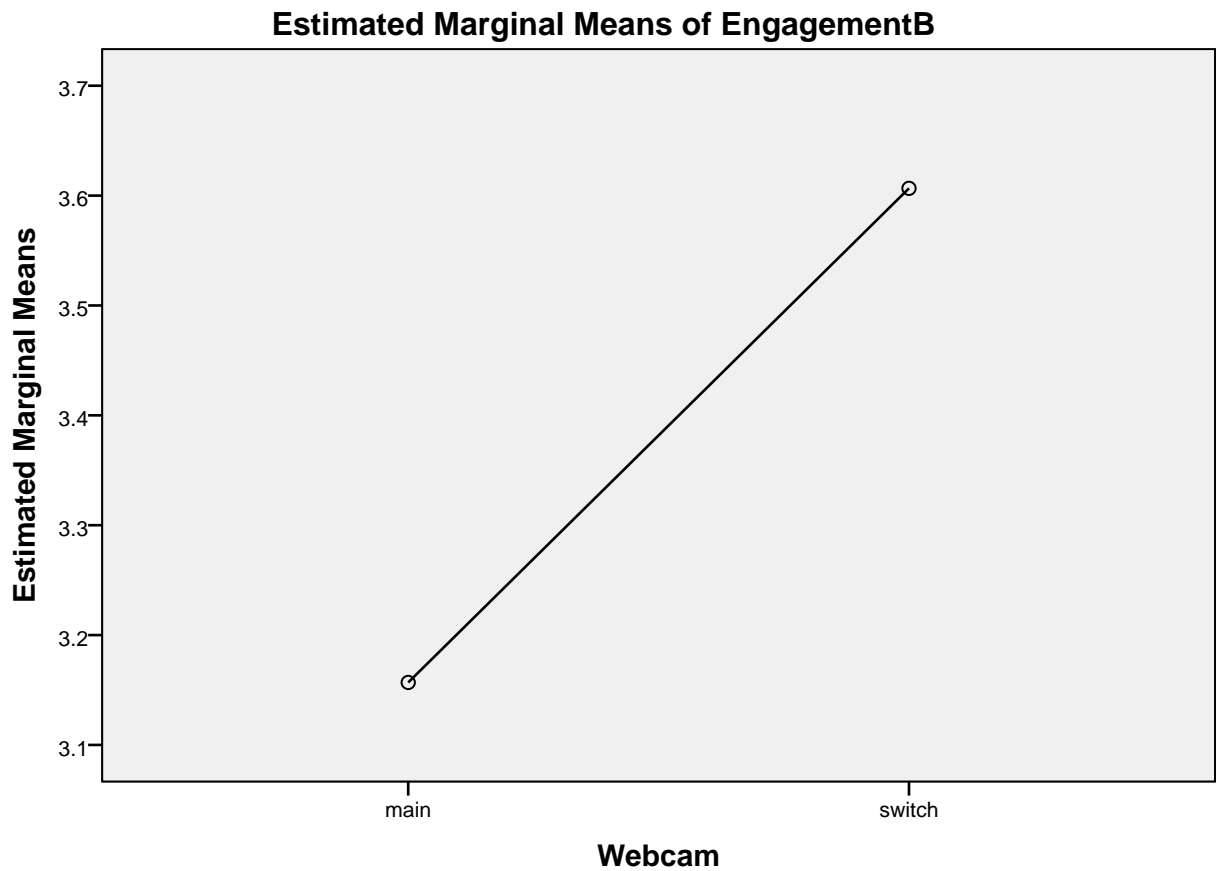Covariates appearing in the model are evaluated at the following values: Gender = 1.40, Whatisyourage = 3.37

Acceptable
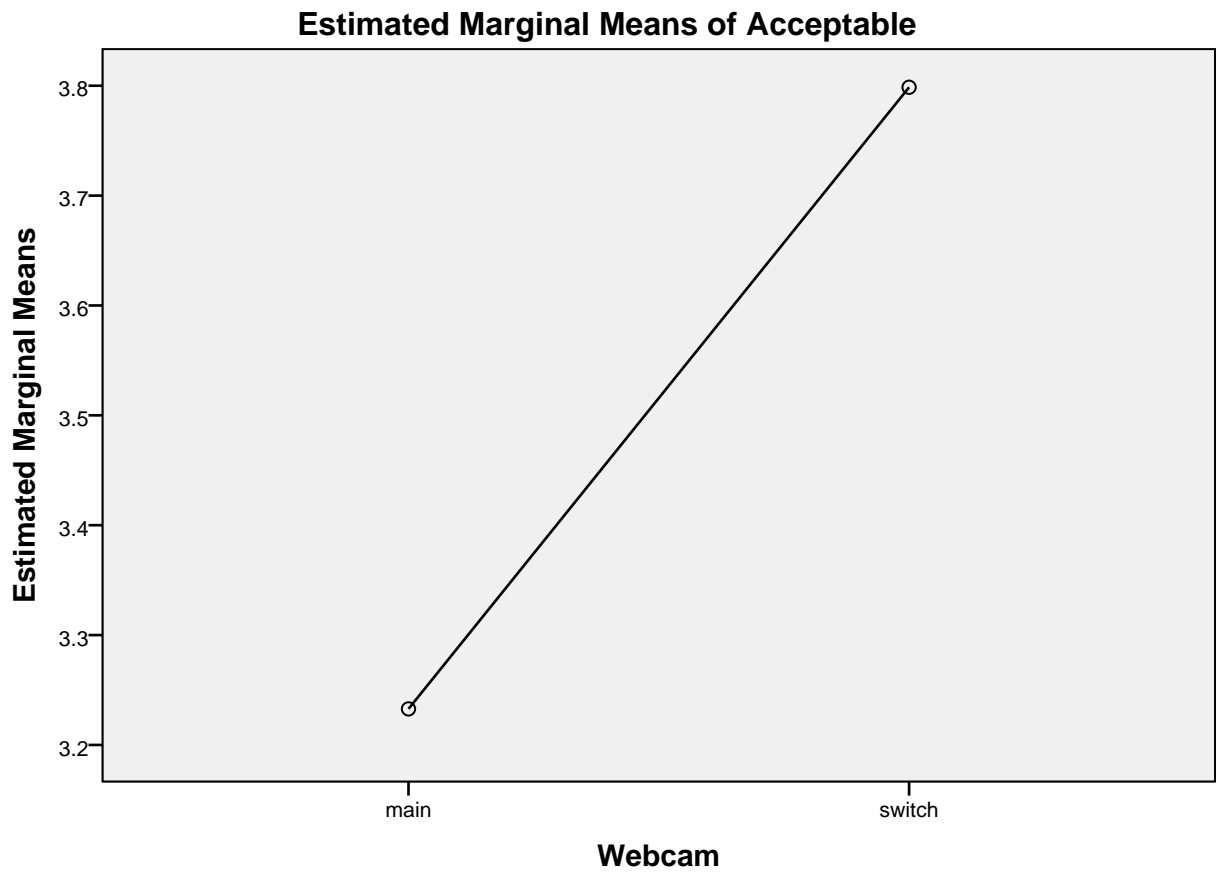
Estimated Marginal Means of Acceptable

Covariates appearing in the model are evaluated at the following values: Gender = 1.40, Whatisyourage = 3.37

EngagementB

Estimated Marginal Means of EngagementB

Covariates appearing in the model are evaluated at the following values: Gender = 1.40, Whatisyourage = 3.37

```
T-TEST GROUPS=Webcam(2 3)
  /MISSING=ANALYSIS
  /VARIABLES=Polite Acceptable EngagementB
  /CRITERIA=CI(.95).
```

T-Test

[DataSet1] C:\Users\Eveline\Documents\Thesis\Camera detection\Results - surv
ey\DATA ANALYSIS\DATA_FILTERED_EXP1_EXP2_FINAL_SPSS.sav

Group Statistics

	Webcam	N	Mean	Std. Deviation	Std. Error Mean
Polite	main	63	3.24	1.228	.155
	switch	48	3.85	.945	.136
Acceptable	main	63	3.24	1.174	.148
	switch	48	3.79	1.010	.146
EngagementB	main	63	3.16	1.125	.142
	switch	48	3.60	1.125	.162

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means	
		F	Sig.	t	df
Polite	Equal variances assumed	7.321	.008	-2.885	109
	Equal variances not assumed			-2.987	108.982
Acceptable	Equal variances assumed	2.795	.097	-2.612	109
	Equal variances not assumed			-2.666	107.345
EngagementB	Equal variances assumed	.457	.500	-2.067	109
	Equal variances not assumed			-2.067	101.301

Independent Samples Test

		t-test for Equality of Means		
		Sig. (2-tailed)	Mean Difference	Std. Error Difference
Polite	Equal variances assumed	.005	-.616	.214
	Equal variances not assumed	.003	-.616	.206
Acceptable	Equal variances assumed	.010	-.554	.212
	Equal variances not assumed	.009	-.554	.208
EngagementB	Equal variances assumed	.041	-.445	.215
	Equal variances not assumed	.041	-.445	.215

Independent Samples Test

		t-test for Equality of Means	
		95% Confidence Interval of the Difference	
		Lower	Upper
Polite	Equal variances assumed	-1.039	-.193
	Equal variances not assumed	-1.025	-.207
Acceptable	Equal variances assumed	-.974	-.134
	Equal variances not assumed	-.965	-.142
EngagementB	Equal variances assumed	-.873	-.018
	Equal variances not assumed	-.873	-.018

```
UNIANOVA EyeContact BY Webcam WITH Gender Whatisyourage
 /METHOD=SSTYPE(3)
 /INTERCEPT=INCLUDE
 /PRINT=LOF HOMOGENEITY
 /CRITERIA=ALPHA(.05)
 /DESIGN=Gender Whatisyourage Webcam.
```

Univariate Analysis of Variance

Between-Subjects Factors

		Value Label	N
Webcam	2	main	63
	3	switch	48

Levene's Test of Equality of Error Variances[a]

Dependent Variable: EyeContact

F	df1	df2	Sig.
1.388	1	109	.241

Tests the null hypothesis that the error variance of the dependent variable is equal across groups.

a. Design: Intercept + Gender + Whatisyourage + Webcam

Tests of Between-Subjects Effects

Dependent Variable: EyeContact

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	5.964[a]	3	1.988	1.402	.246
Intercept	76.647	1	76.647	54.071	.000
Gender	2.321	1	2.321	1.637	.203
Whatisyourage	.781	1	.781	.551	.459
Webcam	3.432	1	3.432	2.421	.123
Error	151.676	107	1.418		
Total	1293.000	111			
Corrected Total	157.640	110			

a. R Squared = .038 (Adjusted R Squared = .011)

Lack of Fit Tests

Dependent Variable: EyeContact

Source	Sum of Squares	df	Mean Square	F	Sig.
Lack of Fit	7.807	14	.558	.360	.982
Pure Error	143.869	93	1.547		

T-TEST GROUPS=Webcam(2 3)

```
   /MISSING=ANALYSIS
   /VARIABLES=EyeContact
   /CRITERIA=CI(.95).
```

T-Test

[DataSet1] C:\Users\Eveline\Documents\Thesis\Camera detection\Results - surv
ey\DATA ANALYSIS\DATA_FILTERED_EXP1_EXP2_FINAL_SPSS.sav

Group Statistics

	Webcam	N	Mean	Std. Deviation	Std. Error Mean
EyeContact	main	63	3.05	1.250	.157
	switch	48	3.40	1.106	.160

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means	
		F	Sig.	t	df
EyeContact	Equal variances assumed	.255	.614	-1.527	109
	Equal variances not assumed			-1.553	106.519

Independent Samples Test

		t-test for Equality of Means			
					95% Confidence ...
		Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower
EyeContact	Equal variances assumed	.130	-.348	.228	-.800
	Equal variances not assumed	.123	-.348	.224	-.793

Independent Samples Test

		t-test for Equality of ...
		95% Confidence ...
		Upper
EyeContact	Equal variances assumed	.104
	Equal variances not assumed	.096

```
CORRELATIONS
  /VARIABLES=Polite Acceptable EngagementB EyeContact
  /PRINT=ONETAIL NOSIG
  /MISSING=PAIRWISE.
```

Correlations

[DataSet1] C:\Users\Eveline\Documents\Thesis\Camera detection\Results - surv
ey\DATA ANALYSIS\DATA_FILTERED_EXP1_EXP2_FINAL_SPSS.sav

Correlations

		Polite	Acceptable	EngagementB	EyeContact
Polite	Pearson Correlation	1	.837[**]	.660[**]	.534[**]
	Sig. (1-tailed)		.000	.000	.000
	N	111	111	111	111
Acceptable	Pearson Correlation	.837[**]	1	.725[**]	.572[**]
	Sig. (1-tailed)	.000		.000	.000
	N	111	111	111	111
EngagementB	Pearson Correlation	.660[**]	.725[**]	1	.507[**]
	Sig. (1-tailed)	.000	.000		.000
	N	111	111	111	111
EyeContact	Pearson Correlation	.534[**]	.572[**]	.507[**]	1
	Sig. (1-tailed)	.000	.000	.000	
	N	111	111	111	111

**. Correlation is significant at the 0.01 level (1-tailed).

```
NONPAR CORR
  /VARIABLES=Polite Acceptable EngagementB EyeContact
  /PRINT=SPEARMAN ONETAIL NOSIG
  /MISSING=PAIRWISE.
```

Nonparametric Correlations

[DataSet1] C:\Users\Eveline\Documents\Thesis\Camera detection\Results - surv
ey\DATA ANALYSIS\DATA_FILTERED_EXP1_EXP2_FINAL_SPSS.sav

Correlations

			Polite	Acceptable	EngagementB
Spearman's rho	Polite	Correlation Coefficient	1.000	.808**	.645**
		Sig. (1-tailed)	.	.000	.000
		N	111	111	111
	Acceptable	Correlation Coefficient	.808**	1.000	.712**
		Sig. (1-tailed)	.000	.	.000
		N	111	111	111
	EngagementB	Correlation Coefficient	.645**	.712**	1.000
		Sig. (1-tailed)	.000	.000	.
		N	111	111	111
	EyeContact	Correlation Coefficient	.471**	.538**	.481**
		Sig. (1-tailed)	.000	.000	.000
		N	111	111	111

Correlations

			EyeContact
Spearman's rho	Polite	Correlation Coefficient	.471**
		Sig. (1-tailed)	.000
		N	111
	Acceptable	Correlation Coefficient	.538**
		Sig. (1-tailed)	.000
		N	111
	EngagementB	Correlation Coefficient	.481**
		Sig. (1-tailed)	.000
		N	111
	EyeContact	Correlation Coefficient	1.000
		Sig. (1-tailed)	.
		N	111

**. Correlation is significant at the 0.01 level (1-tailed).

```
 USE ALL.
COMPUTE filter_$=(Webcam  = 1).
VARIABLE LABELS filter_$ 'Webcam  = 1 (FILTER)'.
VALUE LABELS filter_$ 0 'Not Selected' 1 'Selected'.
FORMATS filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE.
DATASET ACTIVATE DataSet1.
SAVE OUTFILE='C:\Users\Eveline\Documents\Thesis\Camera detection\Results – survey\DATA '+
```

```
      'ANALYSIS\DATA_FILTERED_EXP1_EXP2_FINAL_SPSS.sav'
  /COMPRESSED.
UNIANOVA EyeContact BY Interface WITH Gender Whatisyourage
  /METHOD=SSTYPE(3)
  /INTERCEPT=INCLUDE
  /PRINT=LOF HOMOGENEITY
  /CRITERIA=ALPHA(.05)
  /DESIGN=Gender Whatisyourage Interface.
```

Univariate Analysis of Variance

[DataSet1] C:\Users\Eveline\Documents\Thesis\Camera detection\Results - surv
ey\DATA ANALYSIS\DATA_FILTERED_EXP1_EXP2_FINAL_SPSS.sav

Between-Subjects Factors

		Value Label	N
Interface	1	sidebyside	25
	2	bigsmall	49

Levene's Test of Equality of Error Variances[a]

Dependent Variable: EyeContact

F	df1	df2	Sig.
11.435	1	72	.001

Tests the null hypothesis that the error
variance of the dependent variable is equal
across groups.

a. Design: Intercept + Gender + Whatisyourage + Interface

Tests of Between-Subjects Effects

Dependent Variable: EyeContact

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	7.703[a]	3	2.568	2.035	.117
Intercept	49.702	1	49.702	39.397	.000
Gender	.062	1	.062	.049	.825
Whatisyourage	1.008	1	1.008	.799	.374
Interface	5.023	1	5.023	3.982	.050
Error	88.311	70	1.262		
Total	1045.000	74			
Corrected Total	96.014	73			

a. R Squared = .080 (Adjusted R Squared = .041)

Lack of Fit Tests

Dependent Variable: EyeContact

Source	Sum of Squares	df	Mean Square	F	Sig.
Lack of Fit	16.702	11	1.518	1.251	.275
Pure Error	71.609	59	1.214		

```
T-TEST GROUPS=Interface(1 2)
  /MISSING=ANALYSIS
  /VARIABLES=EyeContact
  /CRITERIA=CI(.95).
```

T-Test

[DataSet1] C:\Users\Eveline\Documents\Thesis\Camera detection\Results - surv
ey\DATA ANALYSIS\DATA_FILTERED_EXP1_EXP2_FINAL_SPSS.sav

Group Statistics

	Interface	N	Mean	Std. Deviation	Std. Error Mean
EyeContact	sidebyside	25	3.16	1.344	.269
	bigsmall	49	3.80	.979	.140

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means	
		F	Sig.	t	df
EyeContact	Equal variances assumed	9.183	.003	-2.323	72
	Equal variances not assumed			-2.099	37.368

Independent Samples Test

		t-test for Equality of Means			95% Confidence ...
		Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower
EyeContact	Equal variances assumed	.023	-.636	.274	-1.182
	Equal variances not assumed	.043	-.636	.303	-1.250

Independent Samples Test

		t-test for Equality of ...
		95% Confidence ...
		Upper
EyeContact	Equal variances assumed	-.090
	Equal variances not assumed	-.022

```
 DATASET ACTIVATE DataSet1.
SAVE OUTFILE='C:\Users\Eveline\Documents\Thesis\Camera detection\Results - survey\DATA '+
    'ANALYSIS\DATA_FILTERED_EXP1_EXP2_FINAL_SPSS.sav'
 /COMPRESSED.
```