SPEED DATING AND THE MANIFESTATION OF A REAL ONE DEPENDING ON ATTRACTIVENESS AND CHARISMA

RATIONALE

A study has been conducted where participants are involved in speed dating and rating how much they would like to go on a real date with their partners by the end of the night, wherein attractiveness (attractive, average, ugly) and personality (high charisma, some charisma, no charisma) are taken into consideration. Gender was also determined as potential moderator.

For this study, a mixed-design ANOVA will be used to investigate whether said conditions and measurements will have an adequate reason to reject the null hypothesis in favor of the alternate, which are:

$$H_0: \text{All group means are equal}$$
$$(\mu_1 = \mu_2 = \cdots)$$

$$H_A: \text{Not all group means are equal}$$
$$(\mu_1 \neq \mu_2 \neq \cdots)$$

DATASET

MALE									FEMALE								
A_TH	A_vH	UH	A_TS	A_vS	US	A_TN	A_vN	UN	A_TH	A_vH	UH	A_TS	A_vS	US	A_TN	A_vN	UN
86	84	67	88	69	50	97	48	47	89	91	93	88	65	54	55	48	52
91	83	53	83	74	48	86	50	46	84	90	85	95	70	60	50	44	45
89	88	48	99	70	48	90	45	48	99	100	89	80	79	53	51	48	44
89	69	58	86	77	40	87	47	53	86	89	83	86	74	58	52	48	47
80	81	57	88	71	50	82	50	45	89	87	80	83	74	43	58	50	48
80	84	51	96	63	42	92	48	43	80	81	79	86	59	47	51	47	40
89	85	61	87	79	44	86	50	45	82	92	85	81	66	47	50	45	47
100	94	56	86	71	54	84	54	47	97	69	87	95	72	51	45	48	46
90	74	54	92	71	58	78	38	45	95	92	90	98	64	53	54	53	45
89	86	63	80	73	49	91	48	39	95	93	96	79	66	46	52	39	47

A_TH = Attractive, High Charisma A_vH = Average, High Charisma   UH = Ugly, High Charisma

A_TS = Attractive, Some Charisma A_vS = Average, Some Charisma   US = Ugly, Some Charisma

A_TN = Attractive, No Charisma A_vN = Average, No Charisma   UN = Ugly, No Charisma

Table 1. Ratings of participants on how much they
want to go on a real date in the later evening

The study interviewed 180 participants, 90 per gender, 30 per attractiveness (attractive, average, ugly), and 10 per personality (high charisma, some charisma, no charisma).

DATA PRE-ANALYSIS

For this test, we will be using ANOVA, specifically Repeated Measures ANOVA in JASP, since there are more than two independent variables that we need to check significance of, while also attempting to check if there is three-way interaction between gender, attractiveness, and personality.

If there is a three-way interaction between the aforementioned factors, we will also attempt to look at their two-way interaction, such as gender-attractiveness, attractiveness-personality, and personality-gender.

For this study, we will be assuming alpha $\alpha = 0.05$ [95% *Confidence Level (CL)*].

To further progress in this study, we have to go through assumptions check to see if the dataset is fit for Repeated Measures ANOVA.

ASSUMPTION 1: You have one dependent variable that is measured at the continuous level.

Remark – The variable "*Ratings*" is a dependent variable measured at a continuous level.

ASSUMPTION 2: You have two or more independent variables that consist of categorical, independent groups.

Remark – The variables are grouped by "*Attractiveness*" (*Attractive, Average, Ugly*) and "*Personality*" (*High Charisma, Some Charisma, No Charisma*).

ASSUMPTION 3: You should have independence of observations.

Remark – These ratings are given independently, sourced from different people and no participants have repeated participation.

ASSUMPTION 4: There should be no significant outliers in the three or more groups of your independent variable in terms of the dependent variable.
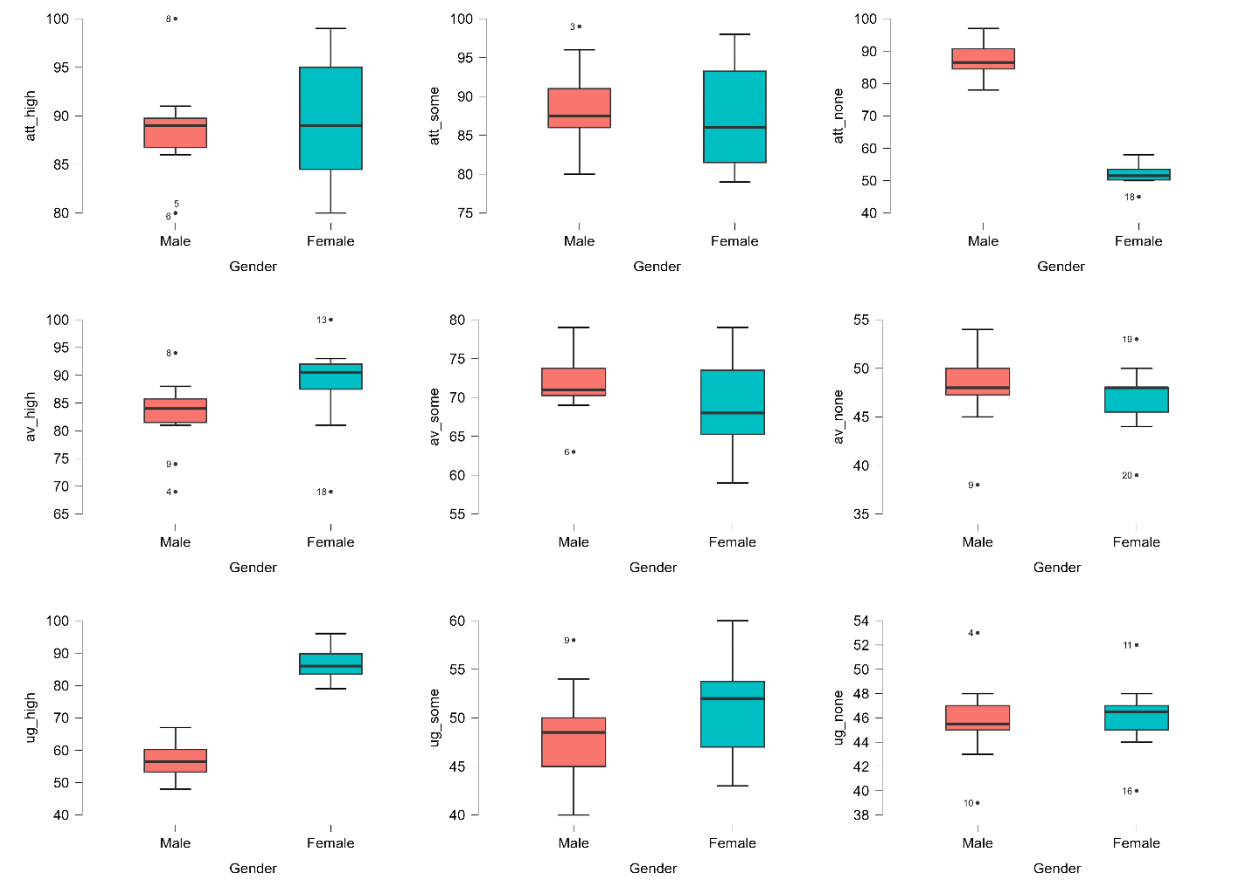

Figure 1. Boxplots of all groups

Remarks – There are outliers in all groups.

ASSUMPTION 5: Your dependent variable should be approximately normally distributed for each group of the independent variable.

Descriptive Statistics ▼

	att_high		av_high		ug_high		att_some		av_some		ug_some		att_none		av_none		ug_none	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Valid	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Missing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mean	88.300	89.600	82.800	88.400	56.800	86.700	88.500	87.100	71.800	68.900	48.300	51.200	87.300	51.800	47.800	47.000	45.800	46.100
Std. Deviation	5.697	6.637	7.005	8.329	5.731	5.438	5.740	6.806	4.417	5.953	5.376	5.453	5.438	3.458	4.185	3.742	3.584	3.071
Shapiro-Wilk	0.871	0.939	0.930	0.863	0.989	0.974	0.946	0.907	0.950	0.970	0.965	0.959	0.989	0.952	0.871	0.921	0.934	0.936
P-value of Shapiro-Wilk	0.103	0.547	0.448	0.083	0.995	0.928	0.623	0.264	0.666	0.893	0.845	0.772	0.995	0.698	0.101	0.364	0.489	0.510
Minimum	80.000	80.000	69.000	69.000	48.000	79.000	80.000	79.000	63.000	59.000	40.000	43.000	78.000	45.000	38.000	39.000	39.000	40.000
Maximum	100.000	99.000	94.000	100.000	67.000	96.000	99.000	98.000	79.000	79.000	58.000	60.000	97.000	58.000	54.000	53.000	53.000	52.000

Table 2. Descriptive Statistics containing Shapiro-Wilk Test for Normality

Remarks – All groups are normal as the Shapiro-Wilk Test of each possible group returned a p-value > 0.05.

ASSUMPTION 6: You have homogeneity of variances (i.e., the variance of the dependent variable is equal in each group of your independent variable).

Test for Equality of Variances (Levene's)

	F	df1	df2	p
att_high	1.131	1	18	0.302
att_some	0.599	1	18	0.449
att_none	1.949	1	18	0.180
av_high	0.102	1	18	0.753
av_some	1.763	1	18	0.201
av_none	0.004	1	18	0.950
ug_high	0.005	1	18	0.945
ug_some	0.124	1	18	0.729
ug_none	0.082	1	18	0.778

Table 3. Levene's Test for Homogeneity of Variance of the dataset

Remarks – All of the possible groups in the dataset are homogenous with each other as their p-value > 0.05.

ASSUMPTION 7: You should have homogeneity of variance or sphericity among all possible pairs (i.e. the variances of all groups are equal among each other).

Test of Sphericity

	Mauchly's W	Approx. X²	df	p-value	Greenhouse-Geisser ε	Huynh-Feldt ε	Lower Bound ε
Attractiveness	0.960	0.690	2	0.708	0.962	1.000	0.500
Personality	0.929	1.246	2	0.536	0.934	1.000	0.500
Attractiveness ∗ Personality	0.613	8.025	9	0.534	0.799	0.992	0.250

Table 4. Mauchy's Test for Sphericity of the dataset

Remark – The variances among all possible groups are homogenous as checked by the Mauchy's Test, wherein the returned p-value > 0.05.

COMPUTATION

Descriptives ▼

Attractiveness	Personality	Gender	N	Mean	SD	SE	Coefficient of variation
Attractive	High Charisma	Female	10	89.600	6.637	2.099	0.074
		Male	10	88.300	5.697	1.802	0.065
	Some Charisma	Female	10	87.100	6.806	2.152	0.078
		Male	10	88.500	5.740	1.815	0.065
	No Charisma	Female	10	51.800	3.458	1.093	0.067
		Male	10	87.300	5.438	1.719	0.062
Average	High Charisma	Female	10	88.400	8.329	2.634	0.094
		Male	10	82.800	7.005	2.215	0.085
	Some Charisma	Female	10	68.900	5.953	1.882	0.086
		Male	10	71.800	4.417	1.397	0.062
	No Charisma	Female	10	47.000	3.742	1.183	0.080
		Male	10	47.800	4.185	1.323	0.088
Ugly	High Charisma	Female	10	86.700	5.438	1.719	0.063
		Male	10	56.800	5.731	1.812	0.101
	Some Charisma	Female	10	51.200	5.453	1.724	0.107
		Male	10	48.300	5.376	1.700	0.111
	No Charisma	Female	10	46.100	3.071	0.971	0.067
		Male	10	45.800	3.584	1.133	0.078

Table 5. Descriptives of the dataset

Within Subjects Effects ▼

Cases	Sum of Squares	df	Mean Square	F	p	η²
Attractiveness	20779.633	2	10389.817	423.733	< .001	0.325
Attractiveness ✳ Gender	3944.100	2	1972.050	80.427	< .001	0.062
Residuals	882.711	36	24.520			
Personality	23233.600	2	11616.800	328.250	< .001	0.363
Personality ✳ Gender	4420.133	2	2210.067	62.449	< .001	0.069
Residuals	1274.044	36	35.390			
Attractiveness ✳ Personality	4055.267	4	1013.817	36.633	< .001	0.063
Attractiveness ✳ Personality ✳ Gender	2669.667	4	667.417	24.116	< .001	0.042
Residuals	1992.622	72	27.675			

Note. Type III Sum of Squares

Table 6. Within Subject Effects of the dataset

Between Subjects Effects ▼

Cases	Sum of Squares	df	Mean Square	F	p	η²
Gender	0.200	1	0.200	0.005	0.946	$3.124×10^{-6}$
Residuals	760.222	18	42.235			

Note. Type III Sum of Squares

Table 7. The Between Subject Effects of Gender

Simple Main Effects

Simple Main Effects - Gender

Level of Attractiveness	Level of Personality	Sum of Squares	df	Mean Square	F	p
Attractive	High Charisma	8.450	1	8.450	0.221	0.644
	Some Charisma	9.800	1	9.800	0.247	0.625
	No Charisma	6301.250	1	6301.250	303.512	< .001
Average	High Charisma	156.800	1	156.800	2.648	0.121
	Some Charisma	42.050	1	42.050	1.531	0.232
	No Charisma	3.200	1	3.200	0.203	0.658
Ugly	High Charisma	4470.050	1	4470.050	143.245	< .001
	Some Charisma	42.050	1	42.050	1.434	0.247
	No Charisma	0.450	1	0.450	0.040	0.843

Note. Type III Sum of Squares

Table 8. Simple Main Effects of the dataset

REPORTING

The researcher investigated the dataset generated by the study about speed dating and their willingness to go on a real date later the event has ended according to the attractiveness and personality of their dates. The study was comprised of 180 respondents, male and female groups both have 90 participants (N = 180).

On Assumption 1-3, the dataset was able to provide appropriate conditions supporting its fit for three-way ANOVA (BWW). However, Assumption 4 was violated as there are outliers existing in every group. For Assumption 5-7, all are met with satisfaction. Shapiro-Wilk Test, Levene's Test, and Mauchy's Test all returned a p-value > 0.05.

With this result, there researcher had gone through the three-way ANOVA, selecting Gender as "*Between Subject Factor*", while Attractiveness and Personality for "*Repeated Measure Factors*".

It was found that there is a three-way interaction between Attractiveness, Personality, and Gender, wherein $F_{(4, 36)} = < 0.001$. Moreover, the two-way of Gender-Attractiveness, Attractiveness-Personality, and Personality-Gender are $F_{(2, 36)} = < 0.001$, $F_{(4, 36)} = < 0.001$, $F_{(2, 36)} = < 0.001$ respectively.

Post-Hoc Tests also revealed that Male Participants that are categorized as Ugly and No Charisma has extremely high significant difference from other groups, wherein $p\text{-value} < 0.001$.

Post Hoc Comparisons - Gender ✳ Attractiveness ✳ Personality

		Mean Difference	SE	t	Cohen's d	p_{bonf}
Male, Attractive, High Charisma	Female, Attractive, High Charisma	−1.300	2.462	−0.528	−0.236	1.000
	Male, Average, High Charisma	5.500	2.308	2.384	0.999	1.000
	Female, Average, High Charisma	−0.100	2.462	−0.041	−0.018	1.000
	Male, Ugly, High Charisma	31.500	2.308	13.651	5.722	< .001***
	Female, Ugly, High Charisma	1.600	2.462	0.650	0.291	1.000
	Male, Attractive, Some Charisma	−0.200	2.460	−0.081	−0.036	1.000
	Female, Attractive, Some Charisma	1.200	2.462	0.487	0.218	1.000
	Male, Average, Some Charisma	16.500	2.416	6.828	2.997	< .001***
	Female, Average, Some Charisma	19.400	2.462	7.880	3.524	< .001***
	Male, Ugly, Some Charisma	40.000	2.416	16.554	7.266	< .001***
	Female, Ugly, Some Charisma	37.100	2.462	15.069	6.739	< .001***
	Male, Attractive, No Charisma	1.000	2.460	0.407	0.182	1.000
	Female, Attractive, No Charisma	36.500	2.462	14.826	6.630	< .001***
	Male, Average, No Charisma	40.500	2.416	16.760	7.357	< .001***
	Female, Average, No Charisma	41.300	2.462	16.775	7.502	< .001***
	Male, Ugly, No Charisma	42.500	2.416	17.588	7.720	< .001***
	Female, Ugly, No Charisma	42.200	2.462	17.141	7.666	< .001***
Female, Attractive, High Charisma	Male, Average, High Charisma	6.800	2.462	2.762	1.235	0.984
	Female, Average, High Charisma	1.200	2.308	0.520	0.218	1.000
	Male, Ugly, High Charisma	32.800	2.462	13.323	5.958	< .001***
	Female, Ugly, High Charisma	2.900	2.308	1.257	0.527	1.000
	Male, Attractive, Some Charisma	1.100	2.462	0.447	0.200	1.000
	Female, Attractive, Some Charisma	2.500	2.460	1.016	0.454	1.000
	Male, Average, Some Charisma	17.800	2.462	7.230	3.233	< .001***
	Female, Average, Some Charisma	20.700	2.416	8.566	3.760	< .001***
	Male, Ugly, Some Charisma	41.300	2.462	16.775	7.502	< .001***
	Female, Ugly, Some Charisma	38.400	2.416	15.891	6.975	< .001***
	Male, Attractive, No Charisma	2.300	2.462	0.934	0.418	1.000
	Female, Attractive, No Charisma	37.800	2.460	15.369	6.866	< .001***
	Male, Average, No Charisma	41.800	2.462	16.978	7.593	< .001***
	Female, Average, No Charisma	42.600	2.416	17.629	7.738	< .001***
	Male, Ugly, No Charisma	43.800	2.462	17.791	7.956	< .001***
	Female, Ugly, No Charisma	43.500	2.416	18.002	7.902	< .001***
Male, Average, High Charisma	Female, Average, High Charisma	−5.600	2.462	−2.275	−1.017	1.000
	Male, Ugly, High Charisma	26.000	2.308	11.267	4.723	< .001***
	Female, Ugly, High Charisma	−3.900	2.462	−1.584	−0.708	1.000
	Male, Attractive, Some Charisma	−5.700	2.416	−2.359	−1.035	1.000
	Female, Attractive, Some Charisma	−4.300	2.462	−1.747	−0.781	1.000
	Male, Average, Some Charisma	11.000	2.460	4.472	1.998	0.003**
	Female, Average, Some Charisma	13.900	2.462	5.646	2.525	< .001***
	Male, Ugly, Some Charisma	34.500	2.416	14.277	6.267	< .001***
	Female, Ugly, Some Charisma	31.600	2.462	12.835	5.740	< .001***
	Male, Attractive, No Charisma	−4.500	2.416	−1.862	−0.817	1.000
	Female, Attractive, No Charisma	31.000	2.462	12.592	5.631	< .001***
	Male, Average, No Charisma	35.000	2.460	14.230	6.358	< .001***
	Female, Average, No Charisma	35.800	2.462	14.541	6.503	< .001***
	Male, Ugly, No Charisma	37.000	2.416	15.312	6.721	< .001***
	Female, Ugly, No Charisma	36.700	2.462	14.907	6.667	< .001***

Female, Average, High Charisma	Male, Ugly, High Charisma	31.600	2.462	12.835	5.740	< .001***
	Female, Ugly, High Charisma	1.700	2.308	0.737	0.309	1.000
	Male, Attractive, Some Charisma	−0.100	2.462	−0.041	−0.018	1.000
	Female, Attractive, Some Charisma	1.300	2.416	0.538	0.236	1.000
	Male, Average, Some Charisma	16.600	2.462	6.743	3.015	< .001***
	Female, Average, Some Charisma	19.500	2.460	7.928	3.542	< .001***
	Male, Ugly, Some Charisma	40.100	2.462	16.288	7.284	< .001***
	Female, Ugly, Some Charisma	37.200	2.416	15.395	6.757	< .001***
	Male, Attractive, No Charisma	1.100	2.462	0.447	0.200	1.000
	Female, Attractive, No Charisma	36.600	2.416	15.146	6.648	< .001***
	Male, Average, No Charisma	40.600	2.462	16.491	7.375	< .001***
	Female, Average, No Charisma	41.400	2.460	16.832	7.520	< .001***
	Male, Ugly, No Charisma	42.600	2.462	17.303	7.738	< .001***
	Female, Ugly, No Charisma	42.300	2.416	17.505	7.684	< .001***
Male, Ugly, High Charisma	Female, Ugly, High Charisma	−29.900	2.462	−12.145	−5.431	< .001***
	Male, Attractive, Some Charisma	−31.700	2.416	−13.119	−5.758	< .001***
	Female, Attractive, Some Charisma	−30.300	2.462	−12.307	−5.504	< .001***
	Male, Average, Some Charisma	−15.000	2.416	−6.208	−2.725	< .001***
	Female, Average, Some Charisma	−12.100	2.462	−4.915	−2.198	< .001***
	Male, Ugly, Some Charisma	8.500	2.460	3.456	1.544	0.121
	Female, Ugly, Some Charisma	5.600	2.462	2.275	1.017	1.000
	Male, Attractive, No Charisma	−30.500	2.416	−12.622	−5.540	< .001***
	Female, Attractive, No Charisma	5.000	2.462	2.031	0.908	1.000
	Male, Average, No Charisma	9.000	2.416	3.725	1.635	0.045*
	Female, Average, No Charisma	9.800	2.462	3.981	1.780	0.016*
	Male, Ugly, No Charisma	11.000	2.460	4.472	1.998	0.003**
	Female, Ugly, No Charisma	10.700	2.462	4.346	1.944	0.004**
Female, Ugly, High Charisma	Male, Attractive, Some Charisma	−1.800	2.462	−0.731	−0.327	1.000
	Female, Attractive, Some Charisma	−0.400	2.416	−0.166	−0.073	1.000
	Male, Average, Some Charisma	14.900	2.462	6.052	2.707	< .001***
	Female, Average, Some Charisma	17.800	2.416	7.366	3.233	< .001***
	Male, Ugly, Some Charisma	38.400	2.462	15.597	6.975	< .001***
	Female, Ugly, Some Charisma	35.500	2.460	14.434	6.449	< .001***
	Male, Attractive, No Charisma	−0.600	2.462	−0.244	−0.109	1.000
	Female, Attractive, No Charisma	34.900	2.416	14.443	6.340	< .001***
	Male, Average, No Charisma	38.900	2.462	15.800	7.066	< .001***
	Female, Average, No Charisma	39.700	2.416	16.429	7.211	< .001***
	Male, Ugly, No Charisma	40.900	2.462	16.613	7.429	< .001***
	Female, Ugly, No Charisma	40.600	2.460	16.507	7.375	< .001***
Male, Attractive, Some Charisma	Female, Attractive, Some Charisma	1.400	2.462	0.569	0.254	1.000
	Male, Average, Some Charisma	16.700	2.308	7.237	3.034	< .001***
	Female, Average, Some Charisma	19.600	2.462	7.961	3.560	< .001***
	Male, Ugly, Some Charisma	40.200	2.308	17.421	7.302	< .001***
	Female, Ugly, Some Charisma	37.300	2.462	15.151	6.776	< .001***
	Male, Attractive, No Charisma	1.200	2.460	0.488	0.218	1.000
	Female, Attractive, No Charisma	36.700	2.462	14.907	6.667	< .001***
	Male, Average, No Charisma	40.700	2.416	16.843	7.393	< .001***
	Female, Average, No Charisma	41.500	2.462	16.857	7.538	< .001***
	Male, Ugly, No Charisma	42.700	2.416	17.671	7.756	< .001***
	Female, Ugly, No Charisma	42.400	2.462	17.222	7.702	< .001***
Female, Attractive, Some Charisma	Male, Average, Some Charisma	15.300	2.462	6.215	2.779	< .001***
	Female, Average, Some Charisma	18.200	2.308	7.887	3.306	< .001***
	Male, Ugly, Some Charisma	38.800	2.462	15.760	7.048	< .001***
	Female, Ugly, Some Charisma	35.900	2.308	15.558	6.521	< .001***
	Male, Attractive, No Charisma	−0.200	2.462	−0.081	−0.036	1.000
	Female, Attractive, No Charisma	35.300	2.460	14.352	6.412	< .001***
	Male, Average, No Charisma	39.300	2.462	15.963	7.139	< .001***
	Female, Average, No Charisma	40.100	2.416	16.595	7.284	< .001***
	Male, Ugly, No Charisma	41.300	2.462	16.775	7.502	< .001***
	Female, Ugly, No Charisma	41.000	2.416	16.967	7.448	< .001***

Male, Average, Some Charisma	Female, Average, Some Charisma	2.900	2.462	1.178	0.527	1.000
	Male, Ugly, Some Charisma	23.500	2.308	10.184	4.269	< .001***
	Female, Ugly, Some Charisma	20.600	2.462	8.367	3.742	< .001***
	Male, Attractive, No Charisma	−15.500	2.416	−6.414	−2.816	< .001***
	Female, Attractive, No Charisma	20.000	2.462	8.124	3.633	< .001***
	Male, Average, No Charisma	24.000	2.460	9.758	4.360	< .001***
	Female, Average, No Charisma	24.800	2.462	10.073	4.505	< .001***
	Male, Ugly, No Charisma	26.000	2.416	10.760	4.723	< .001***
	Female, Ugly, No Charisma	25.700	2.462	10.439	4.668	< .001***
Female, Average, Some Charisma	Male, Ugly, Some Charisma	20.600	2.462	8.367	3.742	< .001***
	Female, Ugly, Some Charisma	17.700	2.308	7.671	3.215	< .001***
	Male, Attractive, No Charisma	−18.400	2.462	−7.474	−3.342	< .001***
	Female, Attractive, No Charisma	17.100	2.416	7.077	3.106	< .001***
	Male, Average, No Charisma	21.100	2.462	8.570	3.833	< .001***
	Female, Average, No Charisma	21.900	2.460	8.904	3.978	< .001***
	Male, Ugly, No Charisma	23.100	2.462	9.383	4.196	< .001***
	Female, Ugly, No Charisma	22.800	2.416	9.436	4.142	< .001***
Male, Ugly, Some Charisma	Female, Ugly, Some Charisma	−2.900	2.462	−1.178	−0.527	1.000
	Male, Attractive, No Charisma	−39.000	2.416	−16.140	−7.084	< .001***
	Female, Attractive, No Charisma	−3.500	2.462	−1.422	−0.636	1.000
	Male, Average, No Charisma	0.500	2.416	0.207	0.091	1.000
	Female, Average, No Charisma	1.300	2.462	0.528	0.236	1.000
	Male, Ugly, No Charisma	2.500	2.460	1.016	0.454	1.000
	Female, Ugly, No Charisma	2.200	2.462	0.894	0.400	1.000
Female, Ugly, Some Charisma	Male, Attractive, No Charisma	−36.100	2.462	−14.663	−6.558	< .001***
	Female, Attractive, No Charisma	−0.600	2.416	−0.248	−0.109	1.000
	Male, Average, No Charisma	3.400	2.462	1.381	0.618	1.000
	Female, Average, No Charisma	4.200	2.416	1.738	0.763	1.000
	Male, Ugly, No Charisma	5.400	2.462	2.193	0.981	1.000
	Female, Ugly, No Charisma	5.100	2.460	2.074	0.926	1.000
Male, Attractive, No Charisma	Female, Attractive, No Charisma	35.500	2.462	14.419	6.449	< .001***
	Male, Average, No Charisma	39.500	2.308	17.118	7.175	< .001***
	Female, Average, No Charisma	40.300	2.462	16.369	7.320	< .001***
	Male, Ugly, No Charisma	41.500	2.308	17.985	7.538	< .001***
	Female, Ugly, No Charisma	41.200	2.462	16.735	7.484	< .001***
Female, Attractive, No Charisma	Male, Average, No Charisma	4.000	2.462	1.625	0.727	1.000
	Female, Average, No Charisma	4.800	2.308	2.080	0.872	1.000
	Male, Ugly, No Charisma	6.000	2.462	2.437	1.090	1.000
	Female, Ugly, No Charisma	5.700	2.308	2.470	1.035	1.000
Male, Average, No Charisma	Female, Average, No Charisma	0.800	2.462	0.325	0.145	1.000
	Male, Ugly, No Charisma	2.000	2.308	0.867	0.363	1.000
	Female, Ugly, No Charisma	1.700	2.462	0.691	0.309	1.000
Female, Average, No Charisma	Male, Ugly, No Charisma	1.200	2.462	0.487	0.218	1.000
	Female, Ugly, No Charisma	0.900	2.308	0.390	0.163	1.000
Male, Ugly, No Charisma	Female, Ugly, No Charisma	−0.300	2.462	−0.122	−0.054	1.000

* p < .05, ** p < .01, *** p < .001
Note. P-value adjusted for comparing a family of 153