Descriptive Statistics

Table 1: Descriptive Statistics for Trust in Vote Count Accuracy (2020 Election)

Sample Size	Mean	Standard Deviation	Minimum	Maximum
3883	0.4826165	0.4997621	0	1

Table 2: Descriptive Statistics for Perception of Misinformation on Facebook

Sample Size	Mean	Standard Deviation	Minimum	Maximum
3883	3.891579	1.03635	1	5

Table 3: Descriptive Statistics for Age Group

Sample Size	Mean	Standard Deviation	Minimum	Maximum
3883	2.540046	0.9482383	1	4

Table 4: Descriptive Statistics for Party Identification

Party ID	Count
1	1937
2	395
3	1549
4	2

Table 5: Descriptive Statistics for Gender

Gender	Count
0	1848
1	2035

Logit Regression Analysis both IVs - Full Model

Cross-tabs

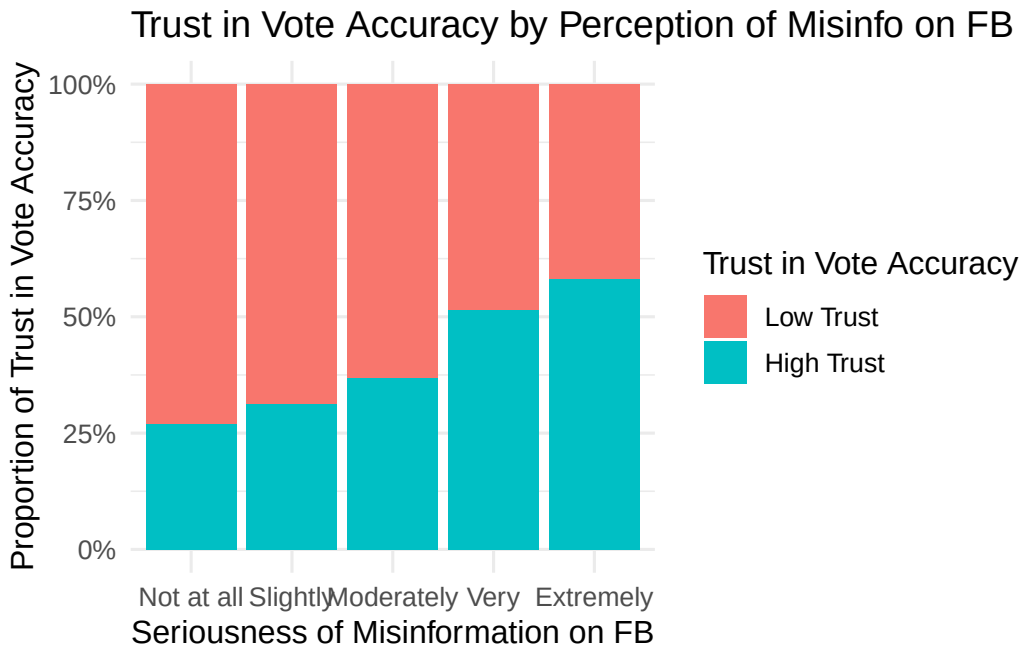
Table 6: Logit Regression Results Trust in Vote Accuracy by Perception of Misinfo on FB

	(1)
Intercept	−0.344
	(0.237)
	(0.147)
Perception of Misinformation on Facebook	0.296***
	(0.041)
	(<0.001)
Age	0.315***
	(0.045)
	(<0.001)
Education Level	0.416***
	(0.041)
	(<0.001)
Party ID	−1.546***
	(0.048)
	(<0.001)
Gender (1 = Female)	−0.359***
	(0.085)
	(<0.001)
Num.Obs.	3883
AIC	3702.7
BIC	3740.3
Log.Lik.	−1845.367
F	220.378
RMSE	0.39

+ p \num{< 0.1}, * p \num{< 0.05}, ** p \num{< 0.01}, *** p \num{< 0.001}

Table 7: Perception of Misinformation on Facebook by Trust in 2020 Vote Count

Perception of Misinfo on FB		High Trust	Low Trust	All
Not at all serious	N	20	54	74
	% row	27.0	73.0	100.0
Slightly serious	N	107	235	342
	% row	31.3	68.7	100.0
Moderately serious	N	312	536	848
	% row	36.8	63.2	100.0
Very serious	N	661	625	1286
	% row	51.4	48.6	100.0
Extremely serious	N	774	559	1333
	% row	58.1	41.9	100.0
All	N	1874	2009	3883
	% row	48.3	51.7	100.0



Predicted Probabilities and CI intervals for H1 and H2

Probability of trusting the 2020 Presidential vote count Logit Model Equation

$$P(\text{Trust Vote Count}) = \frac{1}{1 + e^{-(\beta_0 + \beta_1 \cdot \text{Age} + \beta_2 \cdot \text{Gender} + \beta_3 \cdot \text{Party ID} + \beta_4 \cdot \text{Education Level})}}$$

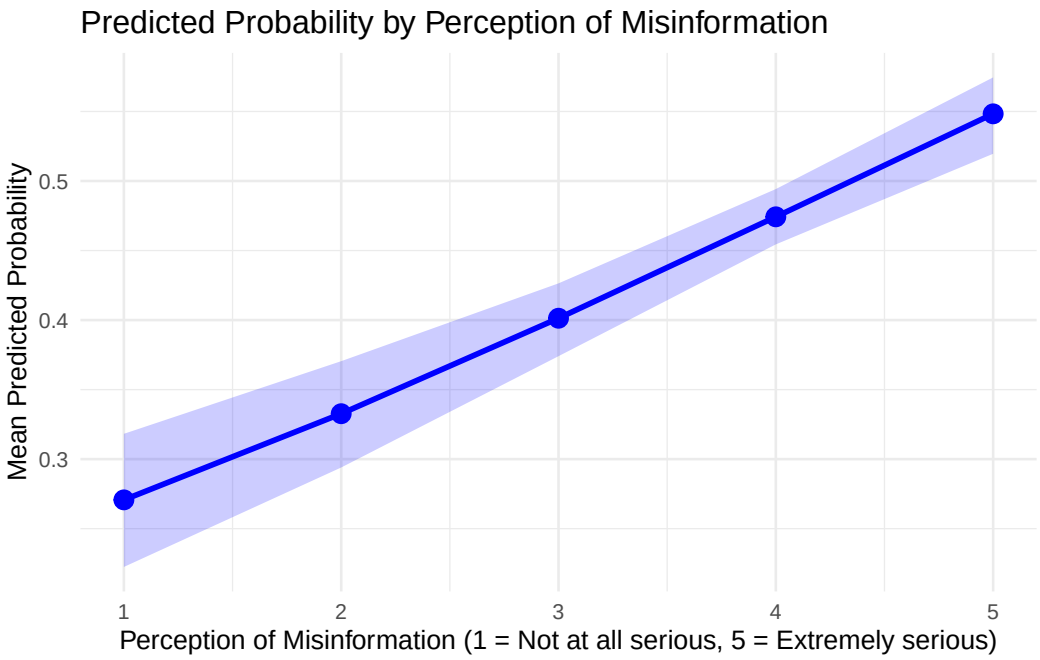
```
   Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
0.02876 0.13220 0.19019 0.18578 0.24662 0.28799
```

	Logit Predicted Probability Results
Statistic	Value
Average Difference in Predicted Probability	0.1858

```
Call:
glm(formula = trust_vote ~ perception_misinfo + age + profile_educ5 +
    party_id + gender, family = binomial(link = "logit"), data = d)

Coefficients:
                   Estimate Std. Error z value Pr(>|z|)
(Intercept)        -0.34365    0.23675  -1.452    0.147
perception_misinfo  0.29637    0.04074   7.274 3.49e-13 ***
age                 0.31470    0.04509   6.979 2.98e-12 ***
profile_educ5       0.41557    0.04113  10.104  < 2e-16 ***
party_id           -1.54569    0.04840 -31.934  < 2e-16 ***
gender             -0.35936    0.08494  -4.231 2.33e-05 ***
---
Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

(Dispersion parameter for binomial family taken to be 1)

    Null deviance: 5378.3  on 3882  degrees of freedom
Residual deviance: 3690.7  on 3877  degrees of freedom
AIC: 3702.7

Number of Fisher Scoring iterations: 4


      (Intercept) perception_misinfo       age profile_educ5  party_id
coefs  -0.3436550          0.2963725 0.3146991     0.4155747 -1.545693
       -0.3548709          0.2971342 0.3171464     0.4152098 -1.544677
          gender
coefs -0.3593625
      -0.3576462
```

```
   Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
 0.1076  0.1696  0.1859  0.1861  0.2021  0.2555

[[1]]
   Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
 0.4601  0.4784  0.4822  0.4823  0.4867  0.5015

[[2]]
   Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
 0.2935  0.3351  0.3482  0.3478  0.3605  0.4110

[[3]]
   Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
 0.5039  0.5281  0.5340  0.5340  0.5399  0.5606

[[4]]
   Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
 0.1076  0.1696  0.1859  0.1861  0.2021  0.2555
```

	Statistical Simulation Logit Model Summary		
Statistic	Lower 95% CI	Mean	Upper 95% CI
Baseline Predicted Probability (p_mean)	0.470	0.482	0.494
Perception of Misinfo on FB = 1	0.308	0.348	0.384
Perception of Misinfo on FB = 5	0.516	0.534	0.551
Average Effect of Perception of Misinformation	0.140	0.186	0.234


Predicted Probability by Perception of Misinformation
Mean Predicted Probability
0.5
0.4
0.3
1
2
3
4
5
Perception of Misinformation (1 = Not at all serious, 5 = Extremely serious)