REPLICATION PROJECT

The Personality of the Politically Ambitious
Dynes, Adam M., Hans J. G. Hassell, and Matthew R. Miles. 2019. *Political Behavior*

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Brief Background

☐ **The Personality of the Politically Ambitious**

Data from "Clear Voice Research".

Online Panel Data

1,939 completed survey responses

"Certain types of People do Certain Types of Things"- Attributed to Aristotle (Frede, 1992)
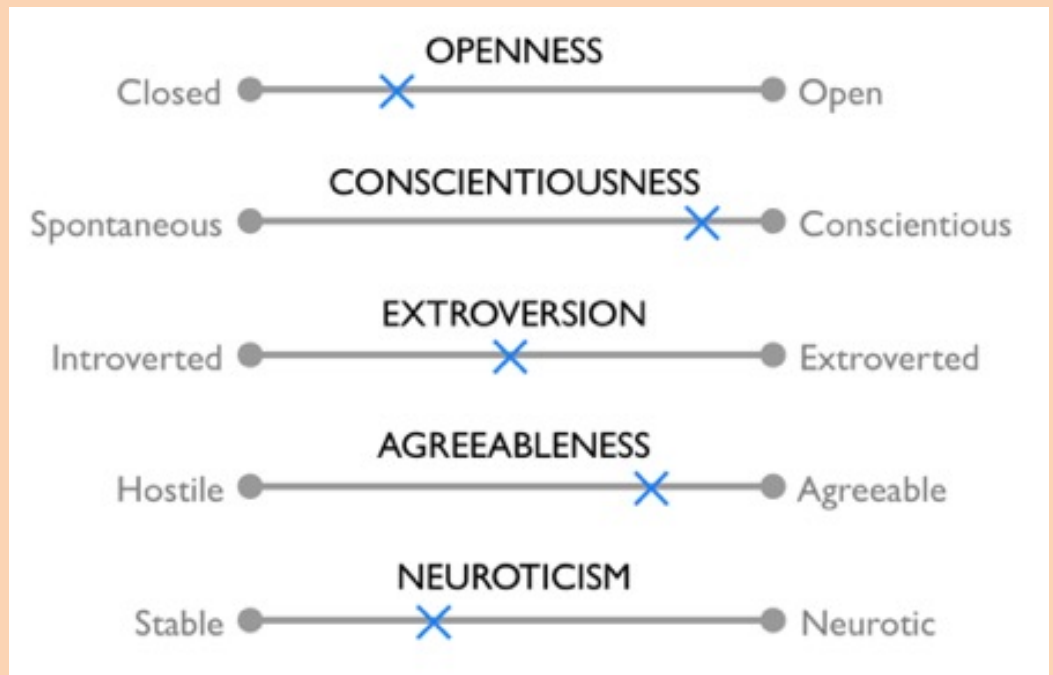
Brief Background

Dependent Variable- Political ambitiousness

I have absolutely no interest in holding elective office at any time in the future. 1,615

I am open to the possibility of holding elective office in the future. 315

I am actively considering running for elective office. 25

Primary Independent Variables →

Main Replication

Table 1 The influence of personality on the attractiveness of elective office. *Source* 2015 Survey of US Adults

	(1) No controls	(2) Demographic controls
Extraversion	0.610***	0.609***
	(0.138)	(0.144)
Openness to experience	0.753***	0.415**
	(0.151)	(0.163)
Agreeableness	− 0.876***	− 0.677***
	(0.139)	(0.147)
Conscientiousness	− 0.746***	− 0.506***
	(0.126)	(0.135)
Emotional stability	0.015	− 0.024
	(0.097)	(0.103)
Observations	1954	1935
AIC	1880.695	1810.338
Pseudo R^2	0.057	0.106

Entries are ordered logistic regression coefficients, robust standard errors in parentheses. Baseline categories are some college, white, moderate, independent, and male. Models with additional control variables and using a multinomial logistic regression model are in the Online Appendix. Results are not dependent on various model specifications

***$p < 0.01$, **$p < 0.05$, *$p < 0.1$, two-tailed test

Ordinal Logistic models

	Model 1 **No controls**	Model 2 **Demographic controls**
Extraversion	0.610*** -0.138	0.609*** -0.144
Openness	0.753*** -0.151	0.415** -0.163
Conscientiousness	-0.876*** -0.139	-0.677*** -0.147
Agreeableness	-0.746*** -0.126	-0.506*** -0.135
Emotional stability	0.015 -0.097	-0.024 -0.103

Controls not shown- Gender, education, race, income, ideology, party, Age

Sensitivity check /Additional Variable

	Ordinal Logistic	
	Model 1 **With Demographics**	Model 2 **With Age Squared**
Extraversion	0.609*** (0.144)	0.595*** (0.110)
Openness	0.415** (0.163)	0.446*** (0.056)
conscientiousness	-0.677*** (0.147)	-0.692*** (0.126)
Agreeableness	-0.506*** (0.135)	-0.506*** (0.120)
Emotional Stability	-0.024 (0.103)	-0.018 (0.097)

	Ordinal Logistic	
	Model 1 **With Demographics**	Model 2 **With Age Squared**
Less than High School	-0.521 (0.602)	-0.486*** (0.002)
Graduate Degree	0.315 (0.206)	0.311*** (0.065)
Asian	0.060 (0.318)	0.053*** (0.010)
Native American	0.168 (0.678)	0.222*** (0.001)
raceHispanic	-0.047 (0.303)	-0.053*** (0.011)
raceMulti-Racial	0.577 (0.362)	0.615*** (0.010)
Liberal	0.150 (0.173)	0.167** (0.077)
Conservative	0.277 (0.173)	0.285*** (0.093)
Age	-0.023*** (0.005)	0.023* (0.012)
Age^2		-0.0005*** (0.0001)

Bayesian Ordinal Logistic Model

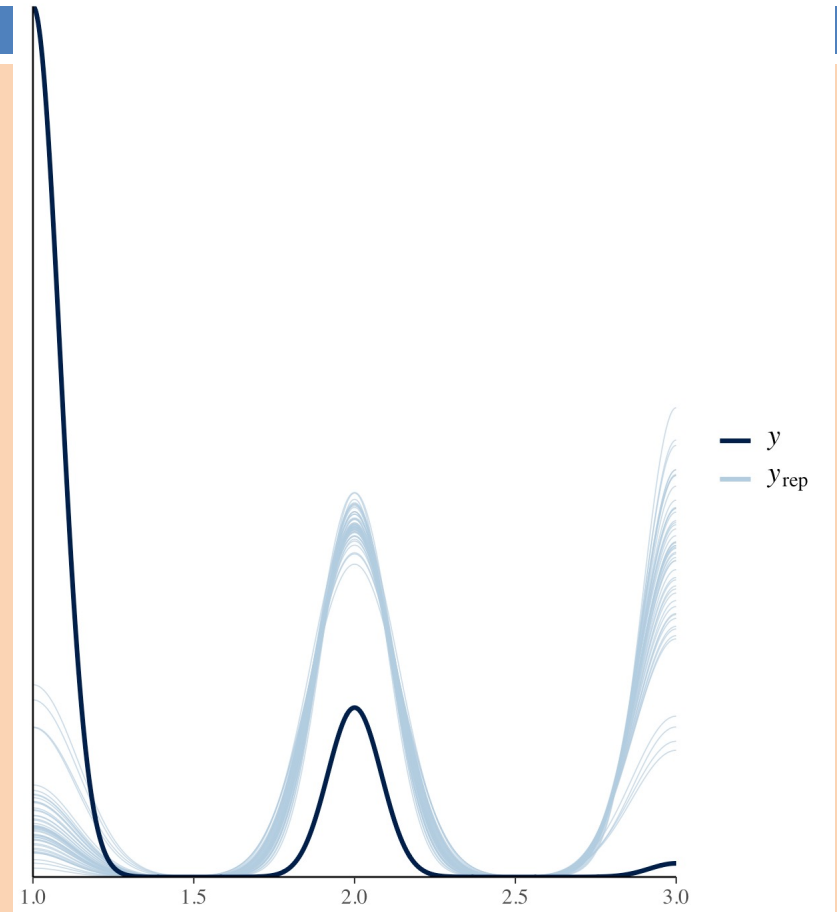|	Ordinal Logistic			Bayesian Ordinal Logistic	
	Model 1 **With Demographics**	Model 2 **With Age Squared**		Model 1 **With Demographics**	Model 2 **With Age Squared**
				Model 1	Model 2
Extraversion	0.609*** (0.144)	0.595*** (0.110)	Extraversion	0.416 [0.198, 0.661]	0.405 [0.187, 0.632]
Openness	0.415** (0.163)	0.446*** (0.056)	Openness	0.302 [0.050, 0.575]	0.316 [0.049, 0.585]
conscientiousness	-0.677*** (0.147)	-0.692*** (0.126)	Conscientiousness	−0.492 [−0.754, −0.247]	−0.487 [−0.724, −0.246]
Agreeableness	-0.506*** (0.135)	-0.506*** (0.120)	Agreeableness	−0.350 [−0.579, −0.119]	−0.354 [−0.561, −0.128]
Emotional Stability	-0.024 (0.103)	-0.018 (0.097)	Emotional Stability	−0.023 [−0.180, 0.146]	−0.019 [−0.185, 0.167]

Alt Model – Binary/Logistic

	Model 1 Logistic **With Demographics**	Model 2 Logistic **With Age Squared**
	Model 1	Model 2
Extraversion	0.601***	0.586***
	(0.145)	(0.145)
Openness	0.424***	0.459***
	(0.163)	(0.165)
conscientiousness	-0.661***	-0.678***
	(0.147)	(0.148)
Agreeableness	-0.497***	-0.499***
	(0.136)	(0.135)
Emotional Stability	-0.025	-0.019
	(0.103)	(0.103)

|	Bayesian Logistic With Demographics	Bayesian Logistic With age Squared
	Model 1	Model 2
(Intercept)	0.47 [−0.285, 1.273]	−0.582 [−2.000, 0.688]
Extra	0.613 [0.329, 0.879]	0.592 [0.319, 0.878]
Open	0.428 [0.115, 0.739]	0.463 [0.146, 0.780]
consc	−0.669 [−0.954, −0.379]	−0.691 [−0.976, −0.399]
Agree	−0.502 [−0.765, −0.239]	−0.506 [−0.769, −0.237]
emotstab	−0.025 [−0.230, 0.188]	−0.017 [−0.216, 0.183]

Bayesian Ordinal Logistic
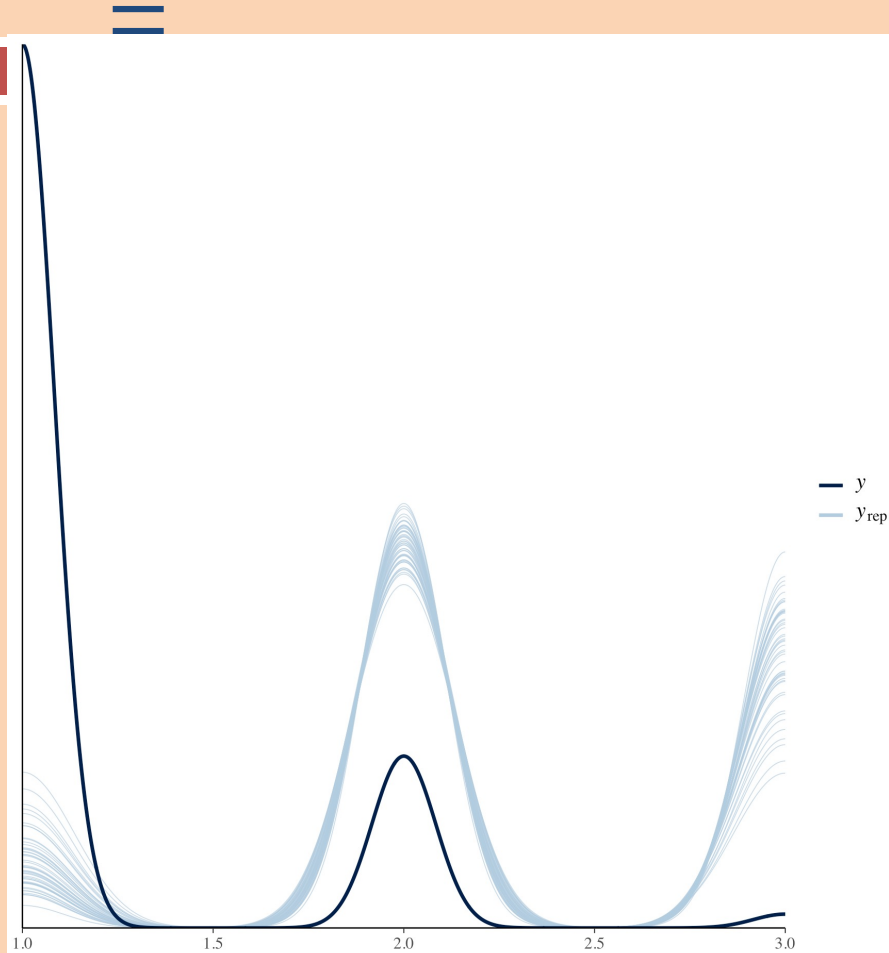
Bayesian Ordinal Logistic
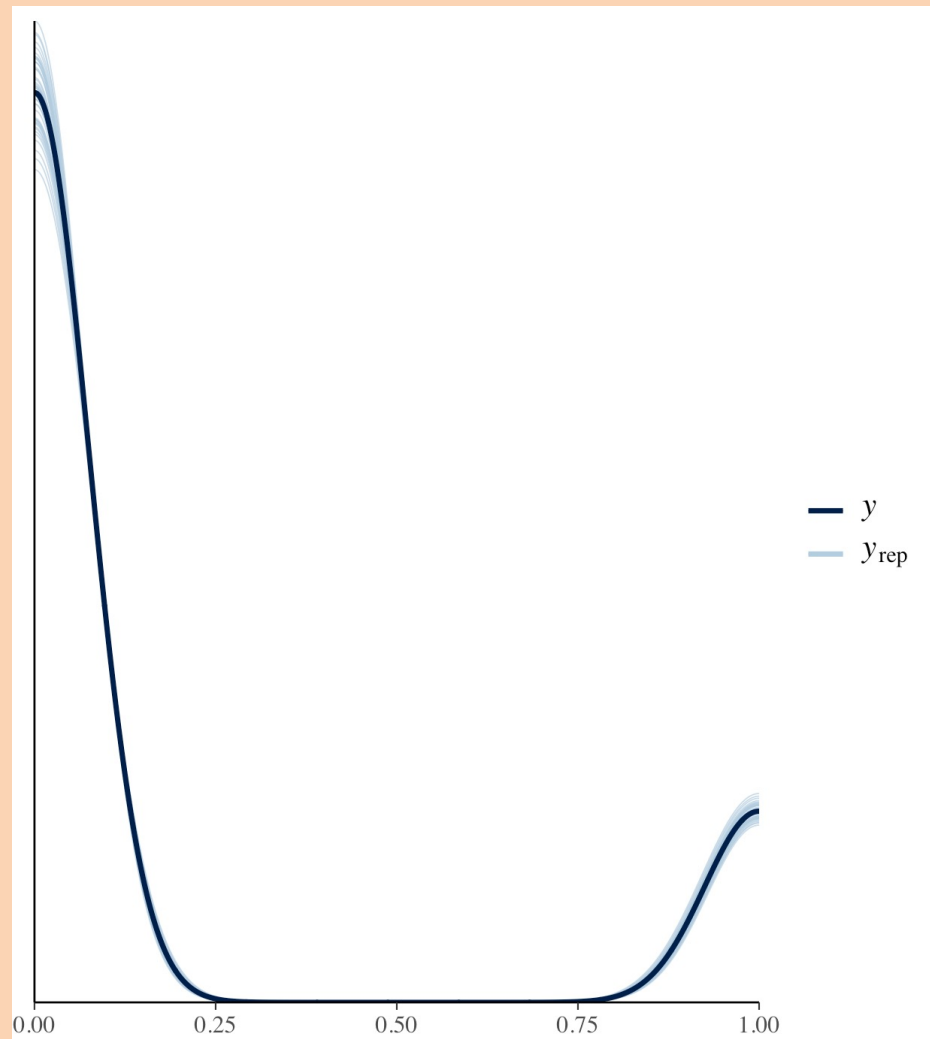With Age squared

Bayesian Logistic
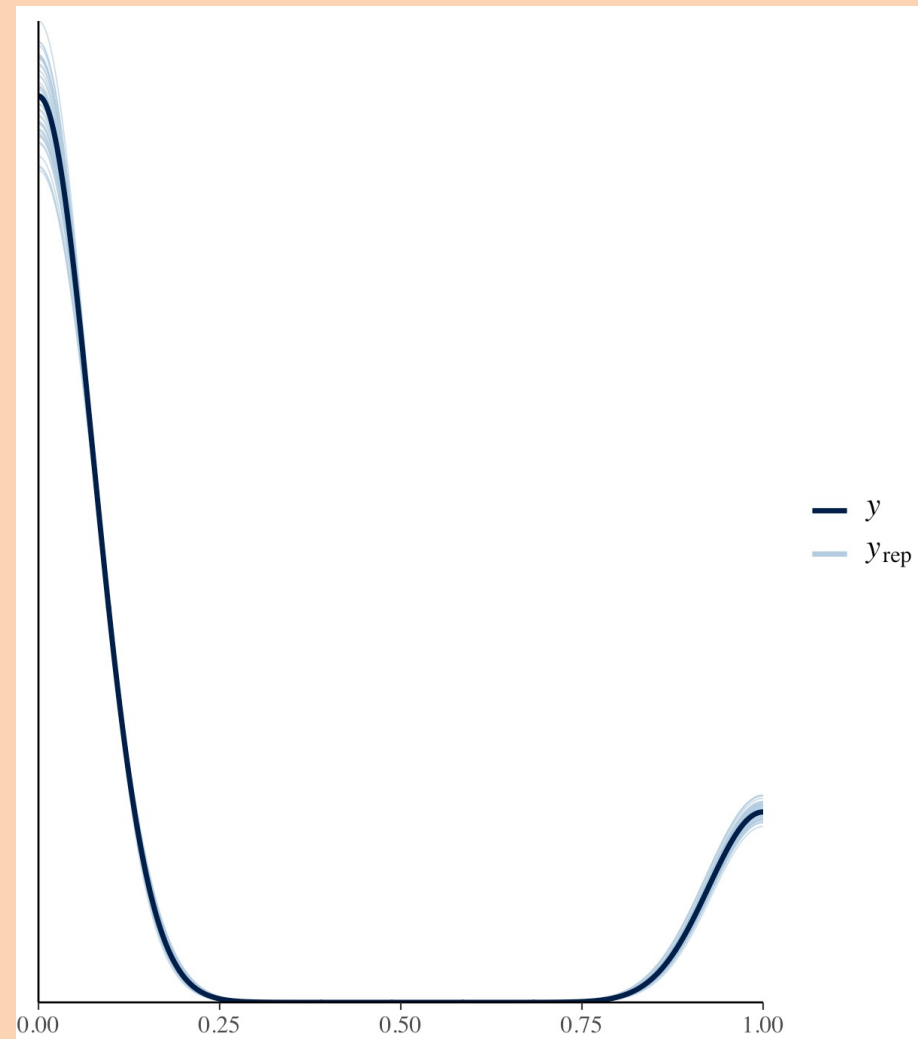
Bayesian Logistic with Age squared

Loo Compare

- Bayesian Logistic (age squared)   0.0   0.0

- Bayesian Logistic   -1.2   1.9

- Bayesian Logistic Ordinal   -92.3   13.7

- Bayesian Logistic Ordinal (age sq)   -92.4   13.7

Conclusions

Main effects Robust,

Age squared seemed to add statistical significance to several control variables,

This extended analysis does not seem to provide any significantly different findings.

Thank you!