

### Supplemental Materials

Word or phrase	Percent of raters who rated an author as young ( $r$ )	Ground-truth status of being young ( $r_{pb}$ )	Difference in z-transformed correlations
the	-.374	-.253	-7.09**
gop	-.195	-.109	-4.81**
in fact	-.097	-.008	-4.92**
in cleveland	-.112	-.036	-4.21**
,	-.351	-.224	-7.37**
wright	-.098	-.052	-2.54*
mets	-.081	-.035	-2.54*
fans	-.124	-.076	-2.66**
career	-.074	-.045	-1.60
#gopdebate	-.137	-.044	-5.16**

Table S1. Correlations for the 10 words and phrases most associated with miscategorizing young authors as older in Study 2. Note: \* correlations are significantly different at the .05 level; \*\*correlations are significantly different at the .005 level

Word or phrase	Percent of raters who rated an author as old ( $r$ )	Ground-truth status of being old( $r_{pb}$ )	Difference in z-transformed correlations
me	-.581	-.468	-7.50**
i	-.483	-.360	-7.60**
snapchat	-.266	-.202	-3.64**
im	-.350	-.250	-5.82**
so	-.418	-.329	-5.34**
when	-.461	-.425	-2.23*
tbh	-.254	-.149	-5.94**
like	-.393	-.351	-2.51*
wanna	-.318	-.250	-3.93**
u	-.335	-.218	-6.76**

Table S2. Correlations for the 10 words and phrases most associated with miscategorizing young authors as older in Study 2. Note: \* correlations are significantly different at the .05 level; \*\*correlations are significantly different at the .005 level

Word or phrase	Percent of raters who rated an author as not having a college degree ( $r$ )	Ground-truth status of not having a college degree ( $r_{pb}$ )	Difference in z-transformed correlations
of	-.322	-.184	-4.11**
office	-.252	-.092	-4.67**
leadership	-.191	-.051	-4.04**
community	-.246	-.116	-3.79**
business	-.197	.022	-6.32**
as	-.167	-.043	-3.56**
for	-.228	-.090	-4.01**
our	-.196	-.064	-3.81**
important	-.201	-.083	-3.41**
businesses	-.107	.005	-3.20**

Table S3. Correlations for the 10 words and phrases most associated with miscategorizing authors without college degrees as more educated. Note: \* correlations are significantly different at the .05 level; \*\*correlations are significantly different at the .005 level

Word or phrase	Percent of raters who rated an author as having a college degree ( $r$ )	Ground-truth status of having a college degree ( $r_{pb}$ )	Difference in z-transformed correlations
shit	-.312	-.012	-7.21**
lol	-.300	-.096	-4.91**
fuck	-.299	-.022	-6.64**
fucking	-.224	-.002	-5.24**
ain't	-.220	-.048	-4.07**
tho	-.222	-.025	-4.65**
i don't	-.152	.061	-4.99**
wanna	-.317	-.083	-3.17**
want to be	-.100	-.003	-2.26*
pants	-.088	.070	-3.68**

Table S4. Correlations for the 10 words and phrases most associated with miscategorizing authors with college degrees as less educated or as more educated. Note: \* correlations are significantly different at the .05 level; \*\*correlations are significantly different at the .005 level

Word or phrase	Percent of raters who rated an author as having an advanced degree ( $r$ )	Ground-truth status of having an advanced degree ( $r_{pb}$ )	Difference in z-transformed correlations
like	-.230	-.101	-3.78**
i	-.280	-.196	-2.51**
really	-.135	.024	-4.60**
man	-.193	-.120	-2.13*
love	-.186	-.136	-1.46
it's	-.181	-.107	-2.16*
game	-.158	-.021	-3.97**
i just	-.182	-.058	-3.60**
pretty	-.151	-.048	-2.98**
going to	-.157	-.070	-2.52**

Table S5. Correlations for the 10 words and phrases most associated with miscategorizing authors with advanced degrees as less educated. Note: \* correlations are significantly different at the .05 level; \*\*correlations are significantly different at the .005 level

Word or phrase	Percent of raters who rated an author as a Republican ( $r$ )	Ground-truth status of being a Republican ( $r_{pb}$ )	Difference in z-transformed correlations
me	-.019	.088	-9.34**
my	-.031	.054	-7.41**
day	-.053	.012	-5.66**
i	.004	-.065	6.01**
when you	-.010	.079	-7.76**
today	-.107	-.056	-4.46**
wanna	-.046	.039	-7.40**
girl	-.040	.043	-7.23**
cool	-.086	-.040	-4.01**
check out	-.069	-.003	-5.75**

Table S6. Correlations for the 10 words and phrases most associated with miscategorizing conservatives as liberals. Note: \* correlations are significantly different at the .05 level; \*\*correlations are significantly different at the .005 level

Word or phrase	Percent of raters who rated an author as a Democrat ( $r$ )	Ground-truth status of being a Democrat ( $r_{pb}$ )	Difference in z-transformed correlations
game	-.073	-.059	-1.22
season	-.024	-.016	-0.70
games	-.060	-.060	0
td	-.078	-.082	.035
team	-.044	-.044	0
fans	-.011	-.024	1.13
sports	.011	.035	-2.09*
football	-.094	-.086	-0.70
fan	-.026	-.034	0.70
player	-.028	-.033	0.44

Table S7. Correlations for the 10 words and phrases most associated with miscategorizing liberals s conservatives. Note: \* correlations are significantly different at the .05 level; \*\*correlations are significantly different at the .005 level

