**Supplementary material**

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| Table S1. Results for covariates (and intercept) associated with latent class analysis of survey results. | | | | |
|  | Coefficient | Std. error | t value | *P* |
| Intercept | -3.53 | 0.55 | -6.42 | 0 |
| Time | 1.01 | 0.15 | 6.68 | 0 |
| Score | -0.42 | 0.17 | -2.45 | 0.014 |

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| Table S2. Details from linear models relating categorical variables to accuracy on surveys; in all cases models included time (spent on slides) as a covariate. Each row includes results from individual models, with F and *P* values associated with individual models, as well as R2 (results are shown for both focal covariate as well as time separately for each model). Coefficients are sorted by *P* value. | | | | | |
| Coefficient | Fcoef. | *Pcoef.* | Ftime | *Pcoef.* | R2 |
| Age | 4.10 | 0.0011 | 105.94 | < 0.001 | 0.11 |
| Credit | 9.72 | 0.0019 | 98.10 | < 0.001 | 0.098 |
| Value | 3.98 | 0.0032 | 91.077 | < 0.001 | 0.10 |
| Health | 3.37 | 0.018 | 93.25 | < 0.001 | 0.098 |
| Grade | 2.27 | 0.045 | 98.21 | < 0.001 | 0.099 |
| Views | 2.40 | 0.048 | 22.42 | < 0.001 | 0.098 |
| Region | 2.55 | 0.054 | 108.089 | < 0.001 | 0.096 |
| Education | 2.18 | 0.055 | 114.67 | < 0.001 | 0.099 |
| Area | 2.37 | 0.094 | 114.80 | < 0.001 | 0.094 |
| Biology | 1.77 | 0.13 | 100.66 | < 0.001 | 0.096 |
| Politics | 2.19 | 0.68 | 99.95 | < 0.001 | 0.097 |

**Fig_S1.pdf**

**Figure S1. Determining the number of clusters based on survey answers and performance.** Top panel: Bayesian information criterion (BIC) values from latent class analysis for different numbers of groups (of participants). Middle panel: ΔBIC values for different numbers of groups. Bottom panel: probability of membership for individual participants from the latent class analysis with the number of groups equal to 2; for visualization, individuals are sorted from left to right in terms of increasing probability of belonging to group 1.

**Fig_S2a.pdf**

(see legend on next page)

**Fig_S2b.pdf**

**Figure S2a,b. Details of answers comparing group 1 and group 2.** Bar graphs showing the results from the LCA analysis predicting group traits: y axes indicate probabilities of individuals from a given group giving a particular answer for a particular question (see Table S1 for details on survey questions). Yellow plots correspond to group 1, and blue plots correspond to group 2.

**Fig_S3.pdf**

**Figure S3. Average time vs score.** Scatter plot showing the relationship between average time spent on each slide and the score participants got (i.e., accuracy, with lower values being closer to the correct answer). The longer participants spent on a slide, the more accurate they were in their assessment of biological variation.