**Research Overview:**

This research aims to investigate people’s judgment accuracy about other people’s socio-political beliefs and compare people’s judgment accuracy yielded by different judgment strategies, i.e., own strategies, prototype matching, and the base/shift heuristics (built on Bayes’ theorem). The experiments took place at the University of Michigan from 2015 to 2018.

**Methods:**

Participants were recruited from subject pools and assigned to one of the experimental conditions. They completed the experiment on Qualtrics in a one-hour session. The survey instrument includes tutorials about the judgment strategy, practice judgment trials (2 trials), official judgment trials (30 trials), and follow-up questions regarding people’s perceptions of the tasks and strategies.

**File Inventory:**

There are 3 CSV files of variables reported in manuscript for each experiment, i.e., base/shift, matching, control, a PDF of survey demonstration, and a Word file of keybook for variables.

**Definition of Terms and Variables:**

**Base/Shift condition:**

Baserate: base rate estimate of the target event

O01pcue1: Official trial 1, probability judgment after seeing the 1st cue

O01pcue2: Official trial 1, probability judgment after seeing the 2nd cue

O01pcue3: Official trial 1, probability judgment after seeing the 3rd cue

O01pcue4: Official trial 1, probability judgment after seeing the 4th cue, final judgment

(Same interpretation for O02pcue1, etc)

Justificationofbaserate: How did you come up with the base rate estimate?

**Matching condition:**

Pprototype, Prototype: prototype for the target event (answer SAB, if there was no change in prototype after the practice trials)

O01pcue1: Official trial 1, similarity judgment after seeing the 1st cue (1=matches not at all, 20=matches perfectly)

O01pcue2: Official trial 1, similarity judgment after seeing the 2nd cue

O01pcue3: Official trial 1, similarity judgment after seeing the 3rd cue

O01pcue4: Official trial 1, similarity judgment after seeing the 4th cue, final similarity judgment

mp01: Official trial 1, final probability judgment

(Same interpretation for O02pcue1, mp02 etc)

**Control condition:**

p01: probability judgment for the first trial

(Same interpretation for p02, p03, etc)

strategy: describe the approach you mainly took in arriving at your judgments

**All 3 conditions:**

strategyimplementationpercentage: About what percentage of the time/judgments were you actually able to use the procedure?

PSbarD30: MPS (Brier Score)

Bias30: Bias

Slope30: Slope

Scatter30: Scatter

**Use and Access:** CSV files can be opened via excel and can be used in statistical software, such as SAS, SPSS.

**Citation for the Data Set:**

Yan, H. & Yates, J.F. (2019). Judgment Accuracy Experiment Data [Data set]. University of Michigan Deep Blue Data Repository. https://doi.org/10.7302/s2h0-p667