

# Partisan Vision? Do Partisans See Differently?

Gaurav Sood

Alex Theodoridis<sup>†</sup>

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## Abstract

Partisanship tints our worldview sharply in the US. But do our priors cause us to *see* things differently (Chabris and Simons 2010)? We test the hypotheses in three different experiments and find consistently that partisanship at worst mildly colors our view.

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Gaurav can be reached at, [gsood07@gmail.com](mailto:gsood07@gmail.com)

<sup>†</sup>Alex can be reached at [alexandertheodoridis@gmail.com](mailto:alexandertheodoridis@gmail.com)

# 1 Data and Research Design

(Chabris and Simons 2010)

To assess how partisans ‘see’, we surveyed a nationally representative sample of people selected by YouGov (Rivers 2007) as part of a Cooperative Congressional Election Study (CCES) module. We conducted two experiments. In the first experiment, we changed one single word (democratic/republican) to change who respondents thought wrote a piece of text (see Figure 2 and Republicans 4). We then asked “How many errors did you count?”

In the second survey, we showed people a photo of a parking lot and asked them to estimate the number of poorly parked cars. We manipulated which party’s members were using the parking lot.

On a survey on M-Turk, we asked respondents to watch a short video and estimate how many people in the video were wearing masks. In particular, our directions were as follows:

“Please watch the following short (10-second) video. You will be asked a question about it on the next screen. ...How many people in the video were wearing masks?”

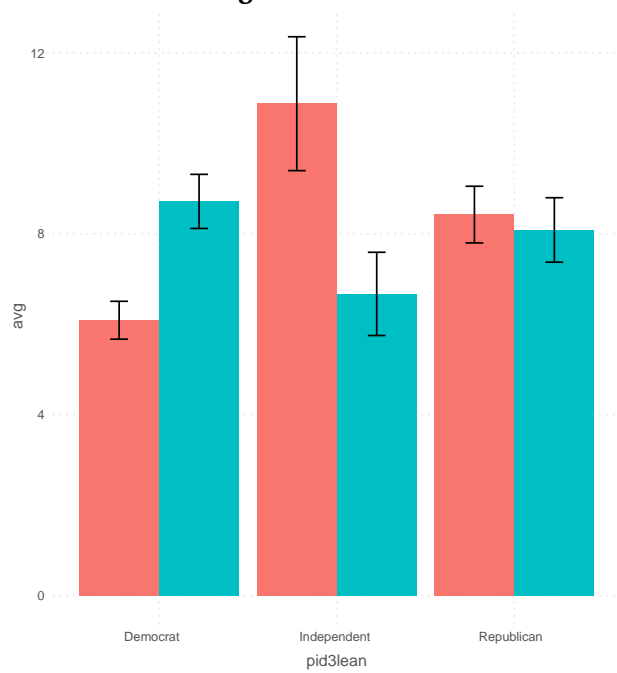
## 2 Results

As Table ?? shows,

| pid3lean    | Error_split | avg | med  | n   |
|-------------|-------------|-----|------|-----|
| Democrat    | DEM         | 9.7 | 10.0 | 334 |
| Democrat    | REP         | 9.9 | 10.0 | 324 |
| Independent | DEM         | 9.7 | 10.0 | 94  |
| Independent | REP         | 9.2 | 9.0  | 110 |
| Republican  | DEM         | 8.4 | 8.0  | 253 |
| Republican  | REP         | 8.1 | 8.0  | 252 |

**Table 1:** Average Number of Errors

**Figure 1: Mistakes**



| pid3lean    | UCMParking_split | avg  | med | n   |
|-------------|------------------|------|-----|-----|
| Democrat    | Democratic Party | 6.1  | 5.0 | 211 |
| Democrat    | Republican Party | 8.7  | 6.0 | 212 |
| Independent | Democratic Party | 10.9 | 7.0 | 57  |
| Independent | Republican Party | 6.7  | 5.0 | 61  |
| Republican  | Democratic Party | 8.4  | 6.0 | 181 |
| Republican  | Republican Party | 8.1  | 5.0 | 163 |

**Table 2:** Average Number of Errors

## References

Chabris, Christopher F and Daniel J Simons. 2010. *The invisible gorilla: And other ways our intuitions deceive us*. Harmony.

Rivers, Douglas. 2007. Sampling for web surveys. In *Joint Statistical Meetings*.

**Figure 2:** Share of Black Criminals in Law & Order and the Real World

YouGov

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We want to see how good people are at catching mistakes. Please read the following text and tell us how many errors you find.

"Together we are the democratic party. Were fighting for a better, farer, and brighter future for every Americans: rolling up our sleeves, empowering grassroots voters, and organizing everywhere to take our country back. Its more important then ever that we continue our work of electing democrats up and down the ballott. We believe in the American people and the promise of America. Their is nothing America can't do if we all works together. If you love this country, please tell your friends and family to go out and vote in this election. The future is brite! Lets go!!! We are in the final count down."

How many errors did you count?



**Figure 3:** Mistakes

YouGov

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We want to see how good people are at catching mistakes. Please read the following text and tell us how many errors you find.

"Together we are the republican party. Were fighting for a better, farer, and brighter future for every Americans: rolling up our sleeves, empowering grassroots voters, and organizing everywhere to take our country back. Its more important then ever that we continue our work of electing republicans up and down the ballott. We believe in the American people and the promise of America. Their is nothing America can't do if we all works together. If you love this country, please tell your friends and family to go out and vote in this election. The future is brite! Lets go!!! We are in the final count down."

How many errors did you count?



Figure 4: Parking Lot

YouGov



We want to see how much attention people are paying in answering questions. How many cars would you say are poorly parked in this picture of the parking lot outside a Democratic Party meeting last year?

