

Personalized Response Scales in Inflation Expectations Surveys

List of treatments

1. Static (S)
2. CenterPersonalized8 (CP-8)
3. CenterPersonalized4 (CP-4)
4. CenterPersonalized2 (CP-2)
5. CenterPersonalized1 (CP-1)
6. CenterPersonalized05 (CP-05)
7. FullyPersonalizedBoxA (FPB-A)
8. FullyPersonalizedBoxB (FPB-B)
9. FullyPersonalizedSliderA (FPS-A)
10. FullyPersonalizedSliderB (FPS-B)
11. FullyPersonalizedSliderC (FPS-C)
12. FullyPersonalizedSliderD (FPS-D)

Hypotheses

Across treatment hypotheses: CenterPersonalized

Hyp. 1: Compressing or expanding the response scale leads to compressed and expanded responses. [Q4]

From Becker/Duersch/Eife (2023 WP), Result 4.

Across treatment hypotheses: CenterPersonalized vs Static

Hyp. 2a: CenterPersonalized treatments CP-2/CP-4/CP8 lead to reduced use of the unbounded intervals, compared to Static. [Q4]

Hyp. 2b: CenterPersonalized treatments lead to higher consistency of responses, compared to Static. [Q4]

Hyp. 2c: CenterPersonalized treatments lead to more responses with uni-modal distributions, compared to Static. [Q4]

From Becker/Duersch/Eife/Glas (2023 mimeo).

Across treatment hypotheses: FullyPersonalized vs Static

Hyp. 3a: FullyPersonalized treatments lead to reduced use of the unbounded intervals, compared to Static. [Q4]

Hyp. 3b: FullyPersonalized treatments lead to higher consistency of responses, compared to Static. [Q4]

Hyp. 3c: FullyPersonalized treatments lead to more responses with uni-modal distributions, compared to Static. [Q4]

Across treatment hypotheses: FullyPersonalized vs CenterPersonalized

Hyp. 4a: FullyPersonalized treatments FPB-A/FPS-A/FPS-C lead to reduced use of the unbounded intervals, compared to CenterPersonalized. [Q4]

Hyp. 4b: FullyPersonalized treatments lead to higher consistency of responses, compared to CenterPersonalized. [Q4]

Across treatment hypotheses: MinMax/Confidence interval

Hyp. 5: FullyPersonalized treatments FPB-A/FPS-A/FPS-C lead to reduced use of the unbounded intervals, compared to treatments FPB-B/FPS-B/FPS-D. [Q4]

Within treatment hypotheses: Consistency

Hyp. 6a: Subjects place 100% of probability mass in the density question [Q4] within the min/max bounds elicited in the boundary question [Q3].

Hyp. 6b: Subjects place 90% of probability mass in the density question [Q4] within the 90% confidence interval bounds elicited in the boundary question [Q3].

Within treatment hypotheses: Box/Slider

Hyp. 7: The distribution of responses in the boundary question [Q3] does not depend on the question format (box/symmetric slider/asymmetric slider).