

Supplementary Materials

Material 1.

List of all items in English and German (original)

- Item 1: „It gives me a good feeling when I have decided on a result based on my knowledge and my skills and put my money on it“
„Es gibt mir ein gutes Gefühl, wenn ich aufgrund meines Wissens und meiner Fähigkeiten ein Ergebnis ausgewählt und darauf gesetzt habe.“
- Item 2: “I have looked very closely at the various betting options and offers”
„Ich habe mich sehr genau mit den verschiedenen Wettmöglichkeiten und –angeboten beschäftigt.“
- Item 3: “When I have decided on a result and put money on it, I feel competent”
„Wenn ich ein Ergebnis ausgewählt und Geld darauf gesetzt habe, fühle ich mich kompetent.“
- Item 4: “Won bets are due to my knowledge and skills”
„Gewonnene Wetten sind zurückzuführen auf mein Wissen und meine Fähigkeiten.“
- Item 5: “Won bets are due to my experience as a bettor”
„Gewonnene Wetten sind zurückzuführen auf meine Erfahrung als Wettler.“
- Item 6: “The variety of betting options ensures that I have more control and can determine exactly how and where I can make a profit”
„Die Vielzahl von Wettmöglichkeiten sorgt dafür, dass ich mehr Kontrolle über das Wetten habe und genau bestimmen kann, wie und wo ich Gewinne erzielen kann.“
- Item 7: “I can tell exactly who (and why) I bet on at my last big loss”

„Ich kann genau sagen, auf wen (und warum) ich bei meinem letzten großen Verlust gesetzt habe.“

Item 8: “I can tell exactly who (and why) I bet on at my last big win”

„Ich kann genau sagen, auf wen (und warum) ich bei meinem letzten großen Gewinn gesetzt habe.“

Item 9: “Narrowly lost bets just show how good my assessment was”

„Nur knapp verlorene Wetten zeigen immer wieder, wie gut meine Einschätzung war.“

Item 10: “From a narrowly lost bet, I learn for the next bet”

„Aus einer knapp verlorenen Wette, lerne ich für das nächste Mal.“

Item 11: “Even supposedly unlikely sports results are less random / depend less on chance than in gambling.”

„Auch vermeintlich unwahrscheinliche Sportergebnisse sind weniger zufallsbedingt / hängen weniger von Zufällen ab als bei Glücksspielen.“

Item 12: “I can attribute most successful bets to my skills and knowledge”

„Ich kann die meisten erfolgreichen Wetten auf meine Fähigkeiten und mein Wissen zurückführen.“

Item 13: “After losses I already think about the next successful bet”

„Nach Verlusten denke ich bereits an eine erfolgreiche weitere Wette.“

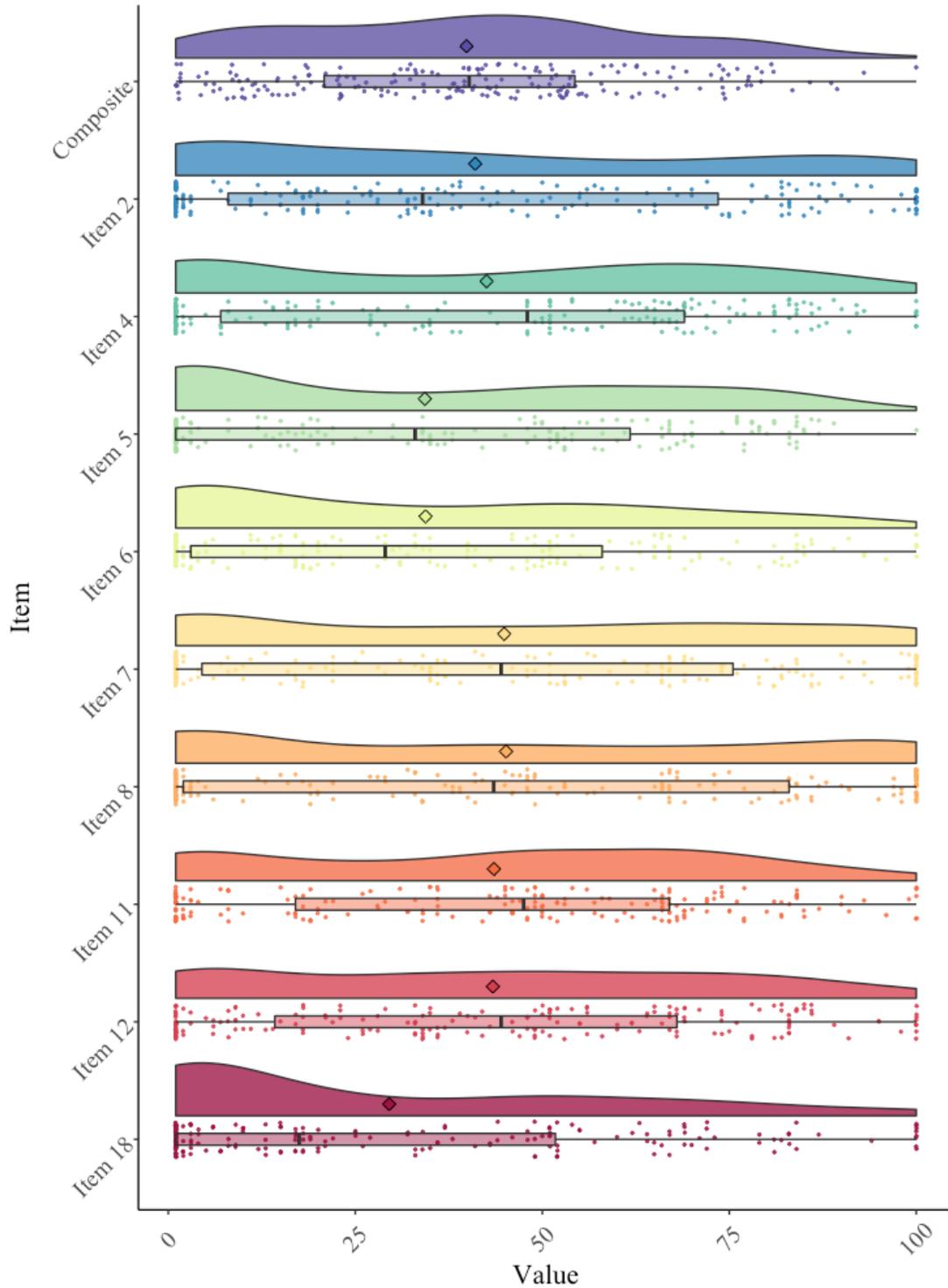
Item 14: “The prospect of big wins immediately improves my mood”

„Die Aussicht auf große Gewinne verbessert augenblicklich meine Laune.“

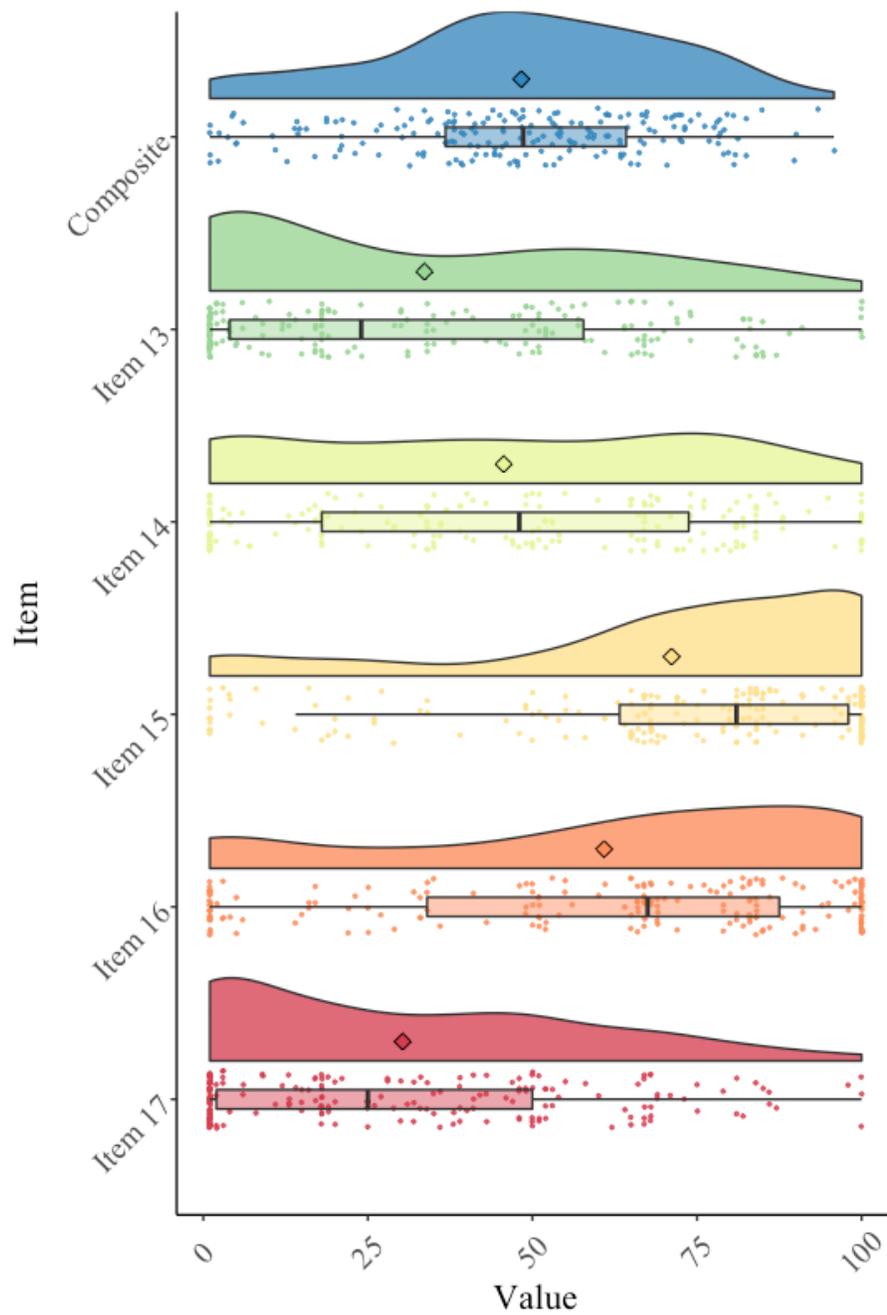
Item 15: “Betting on games / competitions / races that I follow live, increases my hopes and fears even more.”

„Wenn ich auf Spiele / Wettkämpfe / Rennen, die ich live verfolge, wette, steigert dies mein Hoffen und Bangen noch mehr.“

- Item 16: “Betting on my club / my athlete, increases my hopes and fears even more”
„Wenn ich auf meinen Verein / meinen Sportler wette, steigert dies mein Hoffen und Bangen noch mehr.“
- Item 17: “The very moment I bet money on a result, I feel good.”
„Im Moment, in dem ich Geld auf ein Ergebnis setze, fühle ich mich gut.“
- Item 18: „Bookmakers make mistakes when setting odds, which I can take advantage of“
„Buchmacher begehen Fehler bei der Quoten-Setzung, die ich ausnutzen kann.“



Material 2. Raincloud plots of items forming cognitive component and composite score. Dots depicting jittered values with embedded boxplots, density distributions above with means depicted as squares.



Material 3. Raincloud plots of items forming involvement component and composite score. Dots depicting jittered values with embedded boxplots, density distributions above with means depicted as squares.

| Variable | <i>M</i> | <i>SD</i> | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
|-------------|----------|-----------|------------|-------------|------------|------------|------------|------------|-------------|------------|-------------|------------|------------|------------|------------|-------------|-------------|-------------|------------|
| 1. Item 1 | 45.72 | 32.50 | | | | | | | | | | | | | | | | | |
| 2. Item 2 | 41.49 | 34.45 | .51** | | | | | | | | | | | | | | | | |
| | | | [.39, .60] | | | | | | | | | | | | | | | | |
| 3. Item 3 | 39.05 | 31.58 | .51** | .45** | | | | | | | | | | | | | | | |
| | | | [.40, .61] | [.33, .55] | | | | | | | | | | | | | | | |
| 4. Item 4 | 42.58 | 32.59 | .54** | .52** | .56** | | | | | | | | | | | | | | |
| | | | [.43, .63] | [.42, .62] | [.46, .65] | | | | | | | | | | | | | | |
| 5. Item 5 | 34.39 | 30.69 | .47** | .48** | .44** | .72** | | | | | | | | | | | | | |
| | | | [.36, .57] | [.36, .58] | [.32, .54] | [.65, .78] | | | | | | | | | | | | | |
| 6. Item 6 | 34.47 | 30.38 | .43** | .53** | .32** | .46** | .50** | | | | | | | | | | | | |
| | | | [.31, .54] | [.43, .62] | [.19, .44] | [.34, .56] | [.39, .60] | | | | | | | | | | | | |
| 7. Item 7 | 44.96 | 35.58 | .24** | .35** | .24** | .35** | .33** | .36** | | | | | | | | | | | |
| | | | [.10, .36] | [.22, .46] | [.10, .37] | [.22, .47] | [.20, .45] | [.23, .48] | | | | | | | | | | | |
| 8. Item 8 | 45.69 | 37.88 | .33** | .41** | .30** | .32** | .34** | .38** | .57** | | | | | | | | | | |
| | | | [.21, .45] | [.29, .52] | [.17, .42] | [.19, .44] | [.21, .46] | [.26, .50] | [.47, .66] | | | | | | | | | | |
| 9. Item 9 | 32.27 | 29.19 | .44** | .43** | .43** | .44** | .42** | .44** | .16* | .21** | | | | | | | | | |
| | | | [.32, .55] | [.31, .53] | [.31, .53] | [.32, .55] | [.30, .53] | [.32, .55] | [.02, .29] | [.07, .34] | | | | | | | | | |
| 10. Item 10 | 31.34 | 28.86 | .41** | .35** | .32** | .33** | .47** | .48** | .22** | .32** | .52** | | | | | | | | |
| | | | [.29, .52] | [.22, .46] | [.19, .44] | [.20, .45] | [.36, .57] | [.37, .58] | [.08, .35] | [.19, .44] | [.42, .62] | | | | | | | | |
| 11. Item 11 | 43.97 | 30.02 | .46** | .46** | .40** | .55** | .42** | .41** | .34** | .32** | .34** | .30** | | | | | | | |
| | | | [.35, .57] | [.34, .56] | [.28, .51] | [.45, .64] | [.30, .53] | [.29, .52] | [.21, .45] | [.19, .44] | [.21, .45] | [.17, .43] | | | | | | | |
| 12. Item 12 | 43.66 | 30.82 | .55** | .63** | .53** | .68** | .58** | .61** | .43** | .38** | .47** | .42** | .51** | | | | | | |
| | | | [.45, .64] | [.54, .71] | [.42, .62] | [.60, .75] | [.49, .67] | [.51, .69] | [.31, .53] | [.25, .49] | [.36, .57] | [.30, .53] | [.40, .61] | | | | | | |
| 13. Item 13 | 33.78 | 30.21 | .45** | .40** | .31** | .40** | .38** | .33** | .00 | .20** | .36** | .34** | .28** | .37** | | | | | |
| | | | [.34, .56] | [.27, .51] | [.17, .43] | [.28, .51] | [.26, .50] | [.20, .45] | [-.14, .14] | [.06, .33] | [.24, .48] | [.21, .46] | [.15, .41] | [.24, .48] | | | | | |
| 14. Item 14 | 45.54 | 31.60 | .58** | .35** | .42** | .44** | .46** | .32** | .22** | .34** | .40** | .38** | .44** | .40** | .48** | | | | |
| | | | [.48, .66] | [.22, .46] | [.30, .53] | [.32, .54] | [.35, .56] | [.19, .44] | [.08, .35] | [.22, .46] | [.28, .51] | [.25, .49] | [.32, .54] | [.28, .51] | [.36, .58] | | | | |
| 15. Item 15 | 70.99 | 30.08 | .36** | .23** | .31** | .36** | .24** | .22** | .17* | .21** | .30** | .28** | .30** | .27** | .38** | .44** | | | |
| | | | [.23, .47] | [.10, .36] | [.18, .43] | [.23, .47] | [.11, .37] | [.08, .34] | [.04, .31] | [.08, .34] | [.16, .42] | [.15, .41] | [.17, .42] | [.14, .40] | [.25, .49] | [.32, .54] | | | |
| 16. Item 16 | 60.76 | 33.72 | .21** | .06 | .19** | .22** | .17* | .14* | .19** | .26** | .09 | .23** | .18* | .15* | .21** | .31** | .58** | | |
| | | | [.07, .34] | [-.08, .20] | [.06, .32] | [.08, .35] | [.04, .30] | [.00, .27] | [.06, .32] | [.13, .39] | [-.05, .23] | [.10, .36] | [.04, .31] | [.01, .29] | [.08, .34] | [.17, .43] | [.48, .67] | | |
| 17. Item 17 | 29.88 | 27.40 | .50** | .40** | .49** | .34** | .39** | .36** | .17* | .31** | .42** | .34** | .37** | .38** | .49** | .59** | .36** | .16* | |
| | | | [.39, .60] | [.28, .51] | [.37, .59] | [.21, .46] | [.27, .51] | [.23, .47] | [.03, .30] | [.18, .43] | [.30, .53] | [.22, .46] | [.24, .48] | [.26, .49] | [.37, .59] | [.49, .67] | [.24, .48] | [.02, .29] | |
| 18. Item 18 | 29.69 | 30.77 | .36** | .65** | .41** | .47** | .42** | .47** | .37** | .37** | .34** | .33** | .43** | .60** | .24** | .14 | .05 | .00 | .31** |
| | | | [.23, .47] | [.57, .73] | [.29, .52] | [.36, .58] | [.29, .52] | [.35, .57] | [.25, .48] | [.25, .49] | [.21, .45] | [.20, .45] | [.31, .54] | [.50, .68] | [.10, .37] | [-.00, .27] | [-.09, .19] | [-.14, .14] | [.18, .43] |

Material 4. Means, standard deviations, and correlations with confidence intervals of all items included in PCA.

Note: *M* and *SD* are used to represent mean and standard deviation, respectively. Values in square brackets indicate the 95% confidence interval for each correlation. * indicates $p < .05$. ** indicates $p < .01$.