

Data Documentation

Cross-Cultural Religious Replication Project: Source Credibility

Data reported in the manuscript "The Einstein effect: Global evidence for scientific source credibility effects and the influence of religiosity"

Data documentation

File: DataStudy3_SourceCredibility_Long.csv

Total columns anonymized preprocessed data: 38

Data is in long format, i.e., 2 rows per subject

The number indicates the column number, the bold-faced text gives the column name. *Note that all contra-indicative items have been reverse coded, such that higher values reflect a higher score on the scale.*

General information

1. **subject** unique participant number
2. **cntr** 3-letter country code
3. **country** country in which data were collected

Religiosity

Personal religiosity was measured with 8 items (plus two categorical items). All items have been reverse-coded and transformed onto a 0-1 scale so that every item contributes equally to the religiosity scale, with 0 indicating low religiosity to 1 indicating high religiosity. Values in round brackets () give the original response scale, [R] indicates that the item was originally contra-indicative and has been reverse-coded.

4. **R_attendance** frequency of service attendance (1-7) [R]
5. **R_prayer** frequency of prayer (1-8) [R]
6. **R_religiousID** self-identification (0 = atheist, 0.5 = not religious, 1 = religious) [R]
7. **R_member** belong to denomination (0 = NO, 1 = YES) [R]
8. **R_denomination** if yes, which denomination (labels are recategorized into English labels)
9. **R_denominationText** if other: specified (open response)
10. **R_god** belief in God/Gods (1-7)
11. **R_afterlife** belief in afterlife (1-7)
12. **R_NormsSelfRelLife** importance of religious lifestyle for self (1-5)
13. **R_NormsSelfGod** importance of belief in God for self (1-5)
14. **religiosity.s** standardized average of column 4-13
15. **religiosity** raw average of column 4-13

Cultural Norms of Religiosity

Perceived cultural norms of religiosity were measured with 2 items.

16. **culturalNorms** average of NormsOtherRelLife (importance of religious lifestyle for average citizen in one's country) and NormsOtherGod (importance of belief in God for average citizen in one's country) [individual measure]
17. **norms** average culturalNorms value for each country
18. **norms_z** standardized version of norms (standardization done for 24 unique values of each country)
19. **spirituality** individual spirituality (1-7)

Demographics & Study Info

20. **Age** in years
21. **Gender** with 1=man, 2=woman, 3=other

22. **Education** education in levels (1=primary school, 2=some high school, 3=completed high school or equivalent, 4=some university/college, 5=completed university/college, 6=some postgraduate work, 7=completed a postgraduate degree)
23. **SES** socioeconomic status as ladder (10 = top, 1 = bottom)
24. **Ethnicity** relabeled according to options per country (17 levels in total)
25. **EthnicityText** if mixed or other: provided open response
26. **Recruitment** university, company or other method used to recruit participants.
27. **Sample** type of sample: general public, students, online panel, mixed.
28. **Compensation** means of compensating participants
29. **Language** the survey was administered in

Source Credibility

30. **source_first** source that was presented first in the survey
31. **source** spiritual guru or scientist
32. **important** importance rating (1-7)
33. **credible** credibility rating (1-7)
34. **sourceCorrect** 0=incorrect source indicated for recall check item, 1=correct
35. **recallHit** number of correctly recalled items from statement (out of 5)
36. **recallFa** number of false alarms in recalling items from statement (out of 5)
37. **RT** response/processing time for the statement
38. **Statement** version of the statement 1=A, 2=B as given in the manuscript.

Documentation for secondary data from Gallup Wellcome Global Monitor

1. **cntr** numeric country identifier
2. **religious** religious identification (1=religious, 0=not religious)
3. **Age** in years
4. **Gender** (1=man, 2=woman)
5. **Education** (1=elementary, 2=secondary, 3=tertiary)
6. **SES** socioeconomic status (0=low, 0.5=medium, 1=high)
7. **Country** country in which the data were collected
8. **Source** authority for which trust was rated (t_scientists = scientists in respective country, t_tradHealers = traditional healers (or country equivalent term) in respective country)
9. **Trust** level of trust (1=a lot, 2/3=some, 1/3=not much, 0=not at all)