

Supplemental material Text S1: The modified Edinburgh Handedness Inventory

Please indicate your preference in the use of your hands in the following activities by selecting the appropriate option. If you are indifferent, select “Either”. (Please delete as appropriate).

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|---|------|--------|-------|
| 1. With which hand do you normally write? | left | either | right |
| 2. With which hand do you draw? | left | either | right |
| 3. Which hand would you use to throw a ball to hit a target? | left | either | right |
| 4. With which hand do you use your toothbrush? | left | either | right |
| 5. Which hand holds a knife when you are cutting things?
(not with a fork) | left | either | right |
| 6. Which hand holds the thread when you are threading a
needle? | left | either | right |
| 7. When you strike a match, which hand holds the match? | left | either | right |
| 8. When you open a box, which hand holds the lid? | left | either | right |
| 9. Which hand holds the spoon when you are eating a soup? | left | either | right |
| 10. With which hand do you use scissors? | left | either | right |
| 11. Which hand is at the upper part of the broom? | left | either | right |
| 12. Which hand holds the hammer when you are driving a nail? | left | either | right |

Note 1: this questionnaire is based on Oldfield (1971). Two bimanual items (from Oldfield’s long list) were added to his recommended 10-items questionnaire to equate the number of unimanual and bimanual items.

Note 2: each “left” answer was scored with “0”, each “either” answer with “0.5” and each “right” answer with “1”. A strong right-handed participant would score “12”.

References

Oldfield, R. C. (1971). The assessment and analysis of handedness: the Edinburgh inventory. *Neuropsychologia*, 9(1), 97-113. doi: 10.1016/0028-3932(71)90067-4