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* You should state whether an appropriate sample size was computed when the study was being designed
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* If no explicit power analysis was used, you should describe how you decided what sample (replicate) size (number) to use

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This is not applicable for this article type. It uses alternative statistical methods to test association which have sufficient power as evidenced in previously published analysis (see citations in the introduction).

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* You should report how often each experiment was performed
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* Statistical analysis methods should be described and justified
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* For each experiment, you should identify the statistical tests used, exact values of N, definitions of center, methods of multiple test correction, and dispersion and precision measures (e.g., mean, median, SD, SEM, confidence intervals; and, for the major substantive results, a measure of effect size (e.g., Pearson's r, Cohen's d)
* Report exact p-values wherever possible alongside the summary statistics and 95% confidence intervals. These should be reported for all key questions and not only when the p-value is less than 0.05.

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* Where provided, these should be in the most useful format, and they can be uploaded as “Source data” files linked to a main figure or table
* Include model definition files including the full list of parameters used
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Data are held and made available on the UK Data service <https://ukdataservice.ac.uk/>. It is not appropriate for these data to be uploaded additionally along this manuscript (there are many thousands of manuscripts which use data from this and other cohorts – the data are housed in one place).