| QRP | Blind data analysis | Follow best practices | Perform robustness checks | Preregistration | Share supplementary information | Transparent reporting | Use psychometrically sound measures and stimuli | Other specific remedy |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Planning | | | | | | | | |
| PARKing (preregistering after results are known) |  |  |  | X |  | X |  |  |
| Performing inappropriate power analysis |  | X |  |  |  | X |  |  |
| Using biased manipulations |  | X |  |  |  |  | X |  |
| Using biased measurements |  | X |  |  |  |  | X | X |
| Using measurement overlap to find significant results |  |  |  |  |  | X | X | X |
| Data collection | | | | | | | | |
| Grooming participants |  | X |  |  |  |  | X | X |
| Optional stopping |  |  |  | X |  |  |  |  |
| Retaining pilot data |  |  |  |  |  | X |  | X |
| Selective sampling |  | X |  | X |  | X |  | X |
| Data processing | | | | | | | | |
| Discretizing continuous variables | X |  | X |  |  | X | X |  |
| Excluding data points | X |  | X | X |  | X |  |  |
| Missing data hacking | X |  | X | X |  |  |  |  |
| Modifying measurements | X |  | X | X | X | X | X |  |
| Redefining group membership rules | X |  | X | X |  | X |  |  |
| Using ad hoc exclusion criteria for participants | X |  | X | X |  | X |  |  |
| Variable transformation fishing | X |  | X | X |  | X |  |  |
| Data analysis | | | | | | | | |
| Choosing a poor model specification | X | X | X |  |  | X |  |  |
| Choosing unjustified p-value adjustment | X |  | X | X |  |  |  |  |
| Neglecting assumptions for statistical models |  |  |  |  |  | X |  |  |
| Selecting a favorable random number generator seed | X | X |  |  |  | X |  |  |
| Selective test reporting | X |  | X | X |  | X |  |  |
| Using ad hoc covariates | X |  |  | X |  | X |  |  |
| Write-up | | | | | | | | |
| Citing unreliable research |  | X |  |  |  |  |  |  |
| HARKing (hypothesizing after the results are known) | X |  | X | X |  | X |  |  |
| Incorrect reporting of test statistics |  | X |  |  | X |  |  |  |
| Making unsupported conclusions |  |  |  |  |  | X |  |  |
| Not disclosing deviations from preregistration |  |  | X |  |  | X |  |  |
| Omitting important details of the scientific process |  |  |  | X |  | X |  |  |
| Selective citing |  | X |  |  |  |  |  |  |
| Selective reporting of hypotheses |  |  |  | X |  | X |  |  |
| Selective reporting of indicator variables | X |  |  | X |  | X |  |  |
| Selective reporting of outcomes | X |  |  | X |  | X |  |  |
| Using irrelevant references |  | X |  |  |  |  |  |  |
| Using unjustified references |  | X |  |  |  |  |  |  |
| Visualizing data in a misleading way |  | X |  |  |  |  |  |  |
| Publication | | | | | | | | |
| Creating multiple publications from the same study |  |  |  | X |  | X |  |  |
| Declaring false authorship |  |  |  |  |  | X |  |  |
| Not linking the preregistration to the published study |  |  |  |  |  | X |  |  |
| Not making data accessible |  | X |  |  | X |  |  |  |
| Publishing studies selectively |  |  |  | X |  | X |  |  |