| Umbrella term | Description | QRPs | n |
| --- | --- | --- | --- |
| Cherry-picking |  | Omitting important details of the scientific process, Publishing studies selectively, Selective citing, Selective reporting of hypotheses, Selective reporting of indicator variables, Selective reporting of outcomes, Selective test reporting | 7 |
| Citation engineering |  | Citing unreliable research, Creating multiple publications from the same study, Declaring false authorship, Selective citing, Using irrelevant references, Using unjustified references | 6 |
| Influencing participants |  | Grooming participants, Using biased manipulations, Using biased measurements | 3 |
| Misusing open science practices |  | Not disclosing deviations from pre-registration, Not making data accessible, PARKing | 3 |
| None |  | HARKing, Incorrect reporting of test statistics, Making unsupported conclusions, Not linking the Pre-registration to the published study, Performing inappropriate power analysis, Using measurement overlap to find significant results, Visualizing data in a misleading way | 7 |
| P-hacking |  | Choosing a poor model specification, Choosing unjustified p-value adjustment, Discretizing continuous variables, Excluding data points, Missing data hacking, Modifying measurements, Neglecting assumptions for statistical models, Redefining group membership rules, Selecting a favorable random number generator seed, Selective test reporting, Using ad hoc covariates, Using ad hoc exclusion criteria for participants, Variable transformation fishing | 13 |
| Sample curation |  | Optional stopping, Retaining pilot data, Selective sampling, Using ad hoc exclusion criteria for participants | 4 |