Indicators of responsible research practices

Example Indicators

yes/no indicators numerical indicators

▼ Knowledge synthesis **Importance** ▼ Priority-setting exercise Stage Stakeholder(s) engagement · Exploratory or confirmatory, Study useful and relevant research that **☑** Open protocols **Formulation** builds on previous findings Reuse of protocol by others Reduces publication bias and other reporting biases **Study Design** · Enhances reproducibility Quality assurance of data Specifies exploratory and confirmatory parts **▼** Data sharing Sharing materials · Allows data aggregation, **Study Conduct** data reuse, and Reuse of data/materials transparency by others · Enhances reproducibility **Analysis** Analytical code sharing Separates data-driven analyses and hypothesis testing Reporting Enhances openness and **▼** Transparency accessibility and Specifies exploratory and **Publication ▼** Open access confirmatory findings ✓ Use of reporting guidelines · Focuses on outcomes, essential subsequent studies, Dissemination knowledge transfer and **Altmetrics** impact of research Citation **Impact** Specific markers for impact on research, practice and society