Table of contents

Table 1: Study characteristics

| **Authors** | **Participants** | **Participant’s country** | **Guideline(s) considered** | **Methods** | **Phenomena of interest** | **CASP rating** |
| --- | --- | --- | --- | --- | --- | --- |
| Burford et al., 2013 [1] | 151 systematic review authors | Not reported | PRISMA Equity | Mixed methods survey | Perceived utility, facilitators, and barriers | Fairly valuable |
| Davies et al., 2015 [2] | 18 experts and 29 end users | USA, Canada, Sweden, the UK, and Norway | SQUIRE | Focus groups and interviews | Experiences with and impressions of the SQUIRE Guidelines | Valuable |
| Davies et al., 2016 [3] | 44 graduates faculty, and directors of healthcare | Not reported | SQUIRE | Mixed methods survey and written exercise | “whether SQUIRE 1.6 was understood and implemented as intended by the developers” | Valuable |
| De Vries et al. 2015 [4] | 7 researchers | Not reported | Systematic review protocols of animal intervention studies |  | Feedback on usability, missing items, possibilities for improvement and clarity | Not very valuable |
| Dewey et al., 2019 [5] | 74 out of 831 survey respondents that provided (optional) free text comments | The full survey was answered by respondents in the USA, Canada, China, South Korea, Japan, Germany, France, Italy, UK, Other European countries, Middle East, Latin America, Other. It's unclear where respondents for the free text answers came from. | CONSORT, STROBE, PRISMA, STARD | Mixed methods survey | "(1) When and how are reporting guidelines and checklists used by authors and reviewers? (2) What is their impact on the content of final manuscript drafts according to authors? and (3) How do authors and reviewers perceive the value of reporting guidelines and related checklists?" | Fairly valuable |
| Eysenbach 2013 [6] | 61 authors | Not reported | CONSORT Ehealth | Mixed methods survey | Views on completing the checklist as part of submission | Fairly valuable |
| Fuller et al., 2015 [7] | 5 authors | USA and Australia | TREND and Reporting Guidelines in general | Semi structured interviews | Factors that affected authors’ use of TREND and other reporting guidelines | Valuable |
| Korevaar et al., 2016 [8] | 4 radiology residents, 8 laboratory medicine experts | Radiology residents were from the Netherlands. No geographical details provided for experts | STARD | Interview (residents) and mixed methods survey (experts) | To identify items that were vague, ambiguous, difficult to interpret, or missing | Fairly valuable |
| Macleod et al., 2021 [9] | 211 authors, but only some answered the free text question | The full survey was answered by participants in the USA, China, Japan, Germany, EU, and “Other” areas. It is unclear who answered the free text question. | Materials Design Analysis Reporting framework | Mixed methods survey | Whether the checklist was clear and useful | Fairly valuable |
| Page et al., 2021 [10] | 110 systematic review authors and experts | Not reported | PRISMA | Mixed methods survey | Opinions on PRISMA and proposed changes | Valuable |
| Prady et al., 2007 [11] | 40 authors | Not reported | Standards for Reporting Interventions in Controlled Trials of Acupuncture | Mixed methods survey | Experiences using PRISMA | Fairly valuable |
| Prager et al., 2021 [12] | 5 of 18 survey respondents that answered the free text question | Not reported | STARD | Mixed methods survey | Barriers to STARD 2015 adherence | Fairly valuable |
| Rader et al., 2014 [13] | 263 systematic reviewers | Not reported | PRISMA | Mixed methods survey | Barriers or difficulties in meeting more detailed reporting standards in PRISMA | Fairly valuable |
| du Sert et al., 2020 [14] 11 authors | UK, USA, Belgium, Br | azil ARRIVE | Interview and writin | g task Authors’ opinions, i | nterpretation, and experiences of updated ARRIVE guidelines Fairly valuable |  |
| Sharp et al., 2020 [15] | 203 of 1015 researchers that answered free text questions | The full survey was answered by participants in Africa, Asia, Europe, North and South America, Middle East, and Pacific Region. It is unclear who answered the free text question. | STROBE | Mixed methods survey | Experiences and attitudes towards STROBE | Valuable |
| Struthers et al., 2021 [16] | 623 authors, 274 of whom answered free the text question | Not reported | Reporting guidelines in general | Mixed methods survey | The question asked, “What could I do to improve the guideline?” | Fairly valuable |
| Svensøy et al., 2021 [17] | 10 authors | Not reported | Not specified | Semi structured interviews | Experiences using guidelines or templates | Valuable |
| Tam et al., 2019 [18] | 230 authors, 62 of whom answered the open-ended questions | Not reported | PRISMA | Mixed methods survey | Opinions on PRISMA | Fairly valuable |

1. Burford BJ, Welch V, Waters E, Tugwell P, Moher D, O’Neill J, Koehlmoos T, Petticrew M (2013) Testing the PRISMA-Equity 2012 reporting guideline: The perspectives of systematic review authors. PloS one 8:e75122

2. Davies L, Batalden P, Davidoff F, Stevens D, Ogrinc G (2015) [The SQUIRE Guidelines: An evaluation from the field, 5years post release](https://doi.org/10.1136/bmjqs-2015-004116). BMJ quality & safety 24:769–775

3. Davies L, Donnelly KZ, Goodman DJ, Ogrinc G (2016) [Findings from a novel approach to publication guideline revision: User road testing of a draft version of SQUIRE 2.0](https://doi.org/10.1136/bmjqs-2015-004117). BMJ quality & safety 25:265–272

4. de Vries RBM, Hooijmans CR, Langendam MW, van Luijk J, Leenaars M, Ritskes-Hoitinga M, Wever KE (2015) [A protocol format for the preparation, registration and publication of systematic reviews of animal intervention studies](https://doi.org/10.1002/ebm2.7). Evidence-based Preclinical Medicine 2:e00007

5. Dewey M, Levine D, Bossuyt PM, Kressel HY (2019) [Impact and perceived value of journal reporting guidelines among Radiology authors and reviewers](https://doi.org/10.1007/s00330-018-5980-3). European Radiology 29:3986–3995

6. Eysenbach G. (2013) CONSORT-EHEALTH: Implementation of a checklist for authors and editors to improve reporting of web-based and mobile randomized controlled trials. Studies in health technology and informatics 192:657–661

7. Fuller T, Pearson M, Peters J, Anderson R (2015) [What affects authors’ and editors’ use of reporting guidelines? Findings from an online survey and qualitative interviews.](https://doi.org/10.1371/journal.pone.0121585) PLoS ONE 10:e0121585

8. Korevaar DA, Cohen JF, Reitsma JB, et al (2016) Updating standards for reporting diagnostic accuracy: The development of STARD 2015. Research integrity and peer review 1:7

9. Macleod M, Collings AM, Graf C, Kiermer V, Mellor D, Swaminathan S, Sweet D, Vinson V (2021) [The MDAR (Materials Design Analysis Reporting) Framework for transparent reporting in the life sciences](https://doi.org/10.1073/pnas.2103238118). Proceedings of the National Academy of Sciences 118:e2103238118

10. Page MJ, McKenzie JE, Bossuyt PM, Boutron I, Hoffmann TC, Mulrow CD, Shamseer L, Tetzlaff JM, Moher D (2021) [Updating guidance for reporting systematic reviews: Development of the PRISMA 2020 statement](https://doi.org/10.1016/j.jclinepi.2021.02.003). Journal of Clinical Epidemiology 134:103–112

11. Prady SL, MacPherson H (2007) [Assessing the utility of the standards for reporting trials of acupuncture (STRICTA): A survey of authors](https://doi.org/10.1089/acm.2007.7186). The Journal of Alternative and Complementary Medicine 13:939–943

12. Prager R, Gagnon L, Bowdridge J, Unni RR, McGrath TA, Cobey K, Bossuyt PM, McInnes MDF (2021) [Barriers to reporting guideline adherence in point-of-care ultrasound research: A cross-sectional survey of authors and journal editors](https://doi.org/10.1136/bmjebm-2020-111604). BMJ Evidence-Based Medicine bmjebm-2020-111604

13. Rader T., Mann M., Stansfield C., Cooper C., Sampson M. (2014) Methods for documenting systematic review searches: A discussion of common issues. Research synthesis methods 5:98–115

14. Sert NP du, Hurst V, Ahluwalia A, et al (2020) [The ARRIVE guidelines 2.0: Updated guidelines for reporting animal research](https://doi.org/10.1371/journal.pbio.3000410). PLOS Biology 18:e3000410

15. Sharp MK, Glonti K, Hren D (2020) Online survey about the STROBE statement highlighted diverging views about its content, purpose, and value. Journal of clinical epidemiology 123:100–106

16. Struthers C, Harwood J, de Beyer JA, Dhiman P, Logullo P, Schlüssel M (2021) [GoodReports: Developing a website to help health researchers find and use reporting guidelines](https://doi.org/10.1186/s12874-021-01402-x). BMC medical research methodology 21:217

17. Svensøy JN, Nilsson H, Rimstad R (2021) [A qualitative study on researchers’ experiences after publishing scientific reports on major incidents, mass-casualty incidents, and disasters](https://doi.org/10.1017/S1049023X21000911). Prehospital and Disaster Medicine 36:536–542

18. Tam WWS, Tang A, Woo B, Goh SYS (2019) [Perception of the Preferred Reporting Items for Systematic Reviews and Meta-Analyses (PRISMA) statement of authors publishing reviews in nursing journals: A cross-sectional online survey](https://doi.org/10.1136/bmjopen-2018-026271). BMJ Open 9:e026271