

Peer Review Variables

Transparency



Closed peer review

- Single blind
- Double blind
- Triple blind



Open peer review

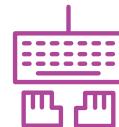
- Names of reviewers/editors may be visible to authors
- Reviewers' reports may be published
- Editorial decision/comments may be public

Timing and Location



Pre-publication

- Review submitted on preprint server prior to author submission to journal
- Review submitted through journal peer review system after author submission to journal
- Reviews accompany manuscript when transferred to a different journal within publisher/society/subject network



Post-publication

- Alongside published article as formal part of editorial process
- Informal: blogs, social media, etc.

Reviewer Selection



Authors can suggest

Preferred or non-preferred reviewers



Editors invite reviewers



Reviewers "bid" for papers

Review Process



Independent review



Interactive review

Reviewers dialogue with authors



Collaborative review

Reviewers can discuss feedback with each other to reach more informed assessment of article

Assessment of...



Science only



Science +

- Novelty
- Impact