

ACC Systematic Review Procedure

1. Enter reviewer, working title, and topic in your workbook

- a. Reviewer is you ('anonymous' optional).
- b. Working Title can be general: e.g. "Inequity aversion in primates"
- c. Identify your topic by:
 - Cognitive trait:
Domain (e.g. "Social cognition");
Area (e.g. "Fairness");
Topic (e.g. "Inequity aversion").
 - Animal species: "capuchins; orangutans; ...".

2. Inclusion criteria (IC) for deciding whether a paper goes in your review

- a. Paper must report unique empirical data (no theoretical/review).
- b. The data can be lab experiments, field observations or single case recordings.
- c. Your 'topic' must be addressed directly by the results (not 'has implications for...').

3. Use a SEED to move forward to START

- a. Take the most recent relevant paper you can think of. This is your SEED paper.
- b. Enter the SEED paper in google scholar and click 'cited by'.
- c. Select the *most recent* result that meets IC; click 'cited by' for *this* paper.
- d. Repeat until you find the most recent paper that meets IC: this is your START paper.

4. Move backward from START

- a. Read reference list in START, and identify papers that meet IC.
- b. Enter each one in your workbook.
- c. Read each paper's bibliography and record further papers that meet IC.
- d. Repeat with each new paper, until you can find no more papers meeting IC.

5. Check for outliers – there may be papers you have missed

- a. Enter each paper in your list in google scholar, and click 'cited by' to find papers that cite it. If you find new papers repeat step 4c.
- b. Next, use google scholar to do a more general search using keywords.
 - i. If you are using the right search terms, papers you already have in your list should appear immediately on the first page of your search.
 - ii. Record the keywords that produce these papers in your LogBook.
 - iii. Check the first 10 pages of results.
 - iv. Record any new relevant papers in your workbook; apply step 4 to these papers.
- c. Repeat in SCOPUS and PubMed.