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### Step 1: Before data analysis

- ☐ Are raw data safely stored in multiple locations using multiple media?
- ☐ Are final data stored in a portable, non-proprietary format?
- ☐ Are final data formatted appropriately for analysis?
- ☐ Are data paired with adequate metadata?



### Step 2: During data analysis

- ☐ Is code clean, readable, and appropriately formatted?
- ☐ Is code thoroughly commented?
- ☐ Have data and code been reviewed by at least one collaborator or friend?
- ☐ Have all software versions and computing environments been documented?



### Step 3: After data analysis

- ☐ Are explicit instructions on locating data, metadata, and code detailed in the manuscript?
- ☐ Will data, metadata, and code be shared together at a permanent site?

Fig. 1. A 10-point checklist to guide researchers toward greater reproducibility in their research. Researchers should give careful thought before, during, and after analysis to ensure reproducibility of their work.