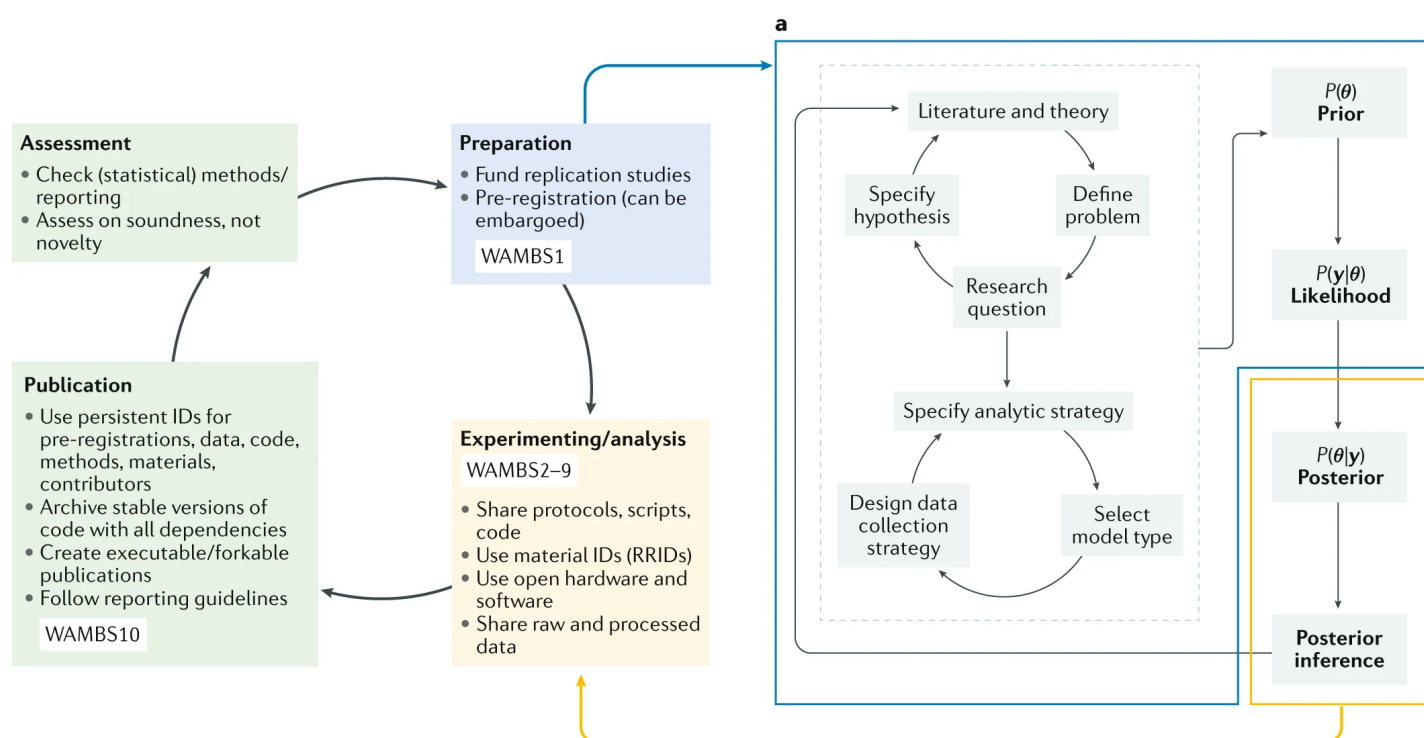


Fig. 7: Elements of reproducibility in the research workflow.

From: [Bayesian statistics and modelling](#)



Good research practices across the research workflow that can contribute to reproducibility, demonstrating where the Bayesian research cycle (part a) and the WAMBS (when to Worry and how to Avoid the Misuse of Bayesian Statistics) checklist fit in the wider context of transparency

in research²⁵². Not all elements are applicable to all types of research – for example, pre-registration is typically used for hypothesis-driven research – but the specification of the prior and the likelihood may be pre-registered. There may be legitimate reasons why data cannot be shared openly, but all scripts for running the Bayesian models could be shared on a data repository. θ , unknown parameter; RRID, Research Resource Identifier; $P(\cdot)$, probability distribution; \mathbf{y} , data.

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