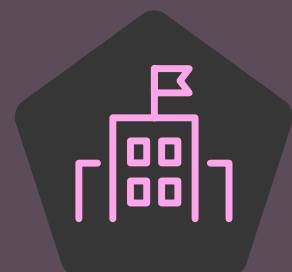
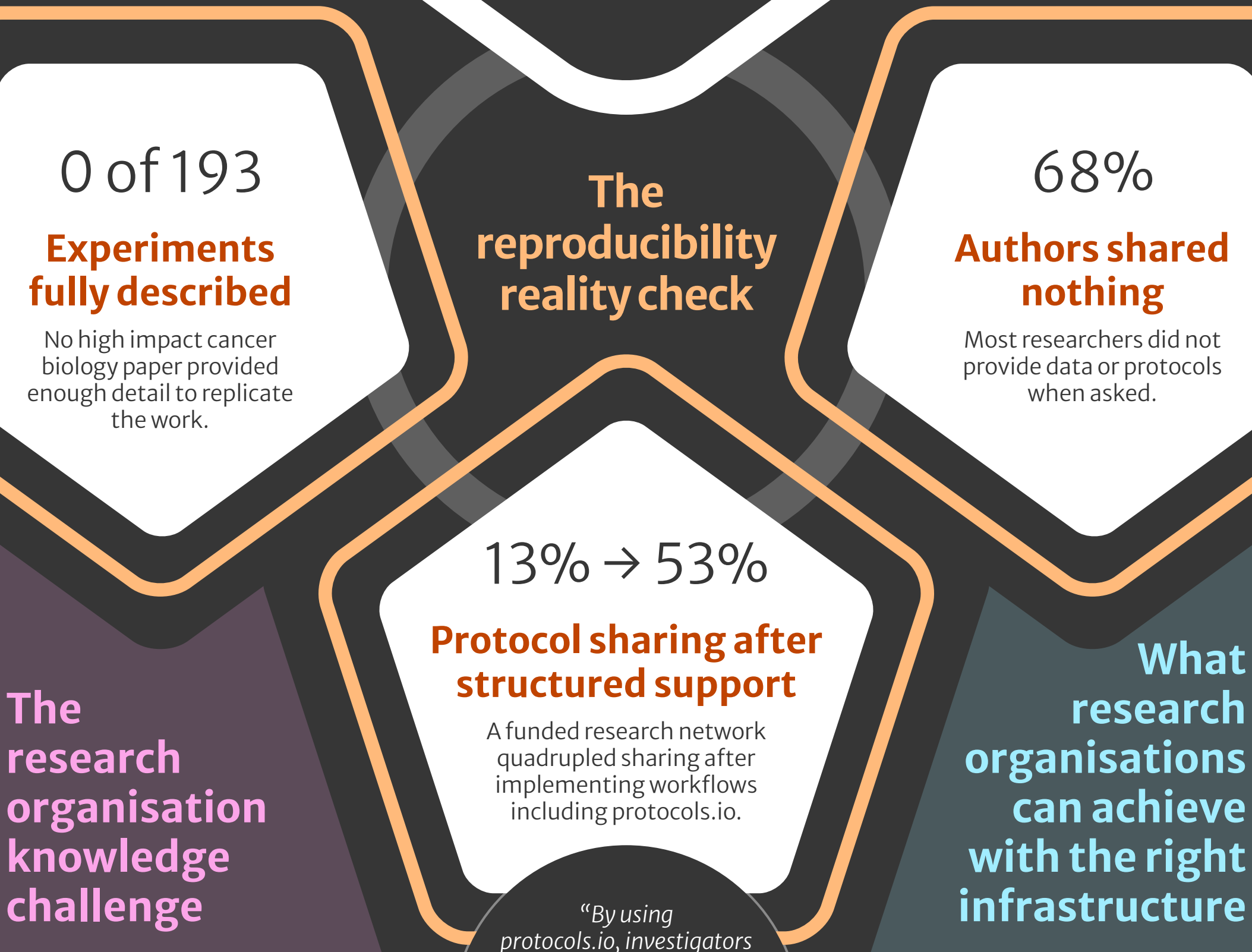


The hidden impact of fragmented methods in research organisations

Fragmented methods slow research, increase risk and make valuable expertise difficult to retain.

Three peer-reviewed studies show how structured protocol management improves reproducibility and collaboration.



Overcoming the knowledge challenge

Knowledge loss

Organisation memory

A shared protocol library preserves SOPs and expertise despite staff turnover.

Method variability

Consistent workflows

Version controlled protocols reduce deviations and rework.

Sharing concerns

Controlled collaborations

Private workspaces support internal review before publication.

“Document and share all steps... so time is not wasted duplicating efforts.” — Ruiz et al., 2025

“By using protocols.io, investigators were able to adopt harmonized research methods... to increase the overall research impact.”
— Ruiz et al., *Experimental Neurology*, 2025

Avoid costly rework from incompatible methods

Misaligned protocols lead to datasets that cannot be combined, forcing repeat experiments, remediation, or exclusion from analyses.

“Small differences... may generate vastly different results.” — Ruiz et al., 2025

Confident pre publication sharing

A managed private workspace lets facility staff and researchers share unpublished methods internally without risk of premature disclosure.

The RE JOIN Consortium used a private workspace to enable internal sharing. — Ruiz et al., 2025

Catalyze protocol sharing with structured workflows

The barrier isn’t willingness — it’s workflow. Clear policy + tooling = measurable behavior change.

Protocol sharing rose from 13% to 53% with structured support. — Dumanis et al., 2023

Meet reproducibility requirements without last minute scrambles

When documentation is built into the workflow, funder and publisher requirements are met naturally.

“Policies that data are to be made available upon request are ineffective.” — Errington et al., 2021

The research is clear,
the infrastructure should be too

Peer reviewed sources

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Errington et al. · *eLife*, 10:e71601 (2021) · Reproducibility Project: Cancer Biology · Center for Open Science
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Dumanis et al. · *PLOS Computational Biology*, 19(12):e1011626 (2023) · Aligning Science Across Parkinson’s (ASAP)
- 

Errington et al. · *eLife*, 10:e67995 (2021) · Reproducibility Project: Cancer Biology · Center for Open Science
- 

Ruiz et al. · *Experimental Neurology*, 392:115333 (2025) · RE-JOIN Consortium · NIH HEAL Initiative



Learn how protocols.io gives research organisations the infrastructure to strengthen reproducibility and facilitate collaboration