

Coding ledger: replication packages in Philip N. Cohen's own quantitative articles, 2015 to 2025

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Purpose

This ledger records the case-by-case coding behind a census of Philip N. Cohen's own quantitative research. It applies the same rule used to recount his audits of the *American Sociological Review*, so that his practice and the practice he audits are measured on one standard.

The rule

Count an article as having a full replication package when publicly accessible analysis code appears, without executing it, to cover the article's quantitative results, and the underlying data are either included or obtainable by eligible third-party researchers through a documented procedure administered independently of the article's authors.

Do not count data whose availability depends on the discretion of the authors. Do not count packages covering only part of an article's analyses. Do not count materials not publicly accessible on the check date.

No code was executed. This is an availability and apparent-completeness audit, matching the method used in the ASR recount and in Cohen's own audits.

The frame

The article set is drawn from Cohen's curriculum vitae rather than his website, on the ground that a personal publications page reflects its owner's curation. Source:

<https://www.terpconnect.umd.edu/~pnc/PNC-CV.pdf>

Screening the CV for peer-reviewed empirical journal articles containing quantitative analysis, published between 2015 and 2025, yields twenty articles. Essays, review pieces, comments, book chapters and non-empirical work are excluded.

Venue policy

For each article the journal's requirement at the date of publication was checked against publisher policy documents. No article in the set was published under a rule requiring public deposit of data or code. Seven were subject to a data-availability-statement requirement, which is not a deposit requirement.

Publisher sources consulted: Sage research data sharing policies, <https://www.sagepub.com/journals/publication-ethics-policies/research-data-sharing-policies>; Springer journal policies, <https://link.springer.com/brands/springer/journal-policies>; Springer Nature's March 22, 2023 single-policy announcement, <https://www.springernature.com/gp/group/media/press-releases/springer-nature-makes-data-sharing-easier-with-single-policy/25211176>; Elsevier research data policy, <https://www.elsevier.com/about/policies-and-standards/research-data>; Wiley's

September 14, 2017 announcement, <https://newsroom.wiley.com/press-releases/press-release-details/2017/Wiley-announces-new-Data-Sharing-and-Citation-policies-to-improve-transparency-in-research/default.aspx>; Taylor and Francis basic data sharing policy, <https://authorservices.taylorandfrancis.com/data-sharing-policies/basic/>; Sociological Science reproducibility policy, <https://sociologicalscience.com/reproducibility-policy/>

The twenty cases

1. Jeehye Kang and Philip N. Cohen, *Journal of Family Issues*, September 2015. Cohen second of two. Venue: no deposit requirement located. Decision: fail. The article carries no data-availability statement and no qualifying package was located. Source: <https://doi.org/10.1177/0192513X15606489>
2. Lucia C. Lykke and Philip N. Cohen, *Social Currents*, September 2015. Cohen second of two. Venue: no deposit requirement located; no statement requirement either. Decision: fail. No data-availability statement and no qualifying package located. Source: <https://doi.org/10.1177/2329496515604170>
3. Philip N. Cohen, "Maternal Age and Infant Mortality for White, Black, and Mexican Mothers in the United States," *Sociological Science*, January 25, 2016. Sole author. Venue: no deposit requirement. The journal's mandatory replication-package policy applies to manuscripts submitted after April 1, 2023, nearly seven years later. Decision: pass. Source: <https://doi.org/10.15195/v3.a2>
4. Jill E. Yavorsky, Philip N. Cohen and Yue Qian, *The Sociological Quarterly*, online July 20, 2016. Cohen second of three. Venue: no deposit requirement located; Wiley's tiered framework was announced fourteen months later and left the tier to each journal. Decision: fail. No qualifying package located. Source: <https://doi.org/10.1111/tsq.12152>
5. Jeehye Kang and Philip N. Cohen, *Social Science and Medicine*, April 2017. Cohen second of two. Venue: no deposit requirement located; Elsevier's 2016 initiative encouraged rather than mandated sharing. Decision: fail. No qualifying package located. Source: <https://doi.org/10.1016/j.socscimed.2017.04.033>
6. Philip N. Cohen and Joanna R. Pepin, "Unequal Marriage Markets," *Socius*, August 2018. Cohen first of two. Venue: no deposit requirement located. Decision: pass. An OSF package was supplied voluntarily. Source: <https://doi.org/10.1177/2378023118791084>
7. Philip N. Cohen, "The Coming Divorce Decline," *Socius*, August 2019. Sole author. Venue: no deposit requirement located; Sage's guidance as catalogued in September 2019 supported rather than required sharing. Decision: pass. Source: <https://doi.org/10.1177/2378023119873497>
8. Brandon G. Wagner, Kate H. Choi and Philip N. Cohen, *Socius*, December 2020. Cohen third of three. Venue: no deposit requirement located. Decision: pass. OSF package supplied voluntarily at <https://osf.io/v8hxs/>. Source: <https://doi.org/10.1177/2378023120980328>
9. Joanna R. Pepin and Philip N. Cohen, "Nation-Level Gender Inequality and Couples' Income Arrangements," *Journal of Family and Economic Issues* 42(1), 2020. Cohen second of two. Venue: no deposit requirement; the journal sat under Springer's general policy requiring documentation on request rather than public deposit. Decision: pass. Source: <https://doi.org/10.1007/s10834-020-09717-5>

10. Philip N. Cohen, *European Journal of Environment and Public Health*, June 2020. Sole author. Venue: no deposit, code or check requirement located. Decision: pass. Data and code linked voluntarily at <https://osf.io/wd2n6/>. Source: <https://doi.org/10.29333/ejeph/8331>
11. Jeehye Kang, Philip N. Cohen and Feinian Chen, *Child Indicators Research*, online 2020. Cohen second of three. Venue: no deposit requirement located; Springer Nature's single statement policy postdates this article by more than two years. Decision: fail. No qualifying package located. Source: <https://doi.org/10.1007/s12187-020-09749-1>
12. Philip N. Cohen, "The Rise of One-Person Households," *Socius*, December 2021. Sole author. Venue: no deposit requirement located. Decision: pass. OSF data and code at <https://osf.io/wkpa5/>. Source: <https://doi.org/10.1177/23780231211062315>
13. Philip N. Cohen, *Social Determinants of Health*, February 2022. Sole author. Venue: no deposit, code, statement or check requirement located. Decision: pass. The OSF package was already public with the December 2021 preprint, at <https://osf.io/t57gk/>. Source: <https://doi.org/10.22037/sdh.v8i1.37227>
14. Philip N. Cohen, "Rethinking Marriage Metabolism," *Population Research and Policy Review*, 2023. Sole author. Venue: statement required or being implemented under Springer Nature's March 22, 2023 policy; public deposit not required. Decision: pass. Repository location not recorded in the source trail behind this ledger and should be added. Source: <https://doi.org/10.1007/s11113-023-09827-6>
15. Mónica L. Caudillo, Andrés Villarreal and Philip N. Cohen, *The ANNALS of the American Academy of Political and Social Science*, 2023. Cohen third of three. Venue: no mandatory deposit rule located for this title at this date. Decision: fail. The published record supplies no qualifying package. Source: <https://doi.org/10.1177/00027162221142648>
16. Joanna R. Pepin and Philip N. Cohen, *Socius*, 2024. Cohen second of two. Venue: statement present in the published article; no deposit mandate verified. Decision: pass. Replication materials linked voluntarily at https://github.com/jrpepin/MTF_Marriage. Source: <https://doi.org/10.1177/23780231241241035>
17. Hao-Chun Cheng and Philip N. Cohen, *Asian Population Studies*, 2024. Cohen second of two. Venue: Taylor and Francis basic policy encourages a statement and sharing without requiring deposit; no evidence located placing this title in a mandatory tier. Decision: pass. Repository location not recorded in the source trail behind this ledger and should be added. Source: <https://doi.org/10.1080/17441730.2024.2352672>
18. Ansgar Hudde and Philip N. Cohen, *Socius*, 2024. Cohen second of two. Venue: no mandatory deposit rule located. Decision: pass. The statement links code, output, GSS and IPUMS data, with materials at <https://osf.io/rhev2/>. Source: <https://doi.org/10.1177/23780231241261610>
19. Hangqing Ruan, Melody Ge Gao, Yajie Xiong and Philip N. Cohen, *Socius*, 2024. Cohen fourth of four. Venue: a statement rule may have applied; no mandatory deposit rule located. Decision: fail. No qualifying package located as of the check date. Source: <https://doi.org/10.1177/23780231241275429>

20. Philip N. Cohen, *Socius*, 2025. Sole author. Venue: statement prescribed by Sage policy; no mandatory deposit rule located. Decision: pass. The statement links the Pew source data and code at <https://osf.io/akj4s/>. Source: <https://doi.org/10.1177/23780231251386491>

Results

Thirteen of twenty articles carry a qualifying package, or 65.0 percent.

By venue: zero articles published under a deposit mandate, so no comparison between mandated and unmandated publication is possible. All thirteen packages were supplied voluntarily.

By authorship position: sole author, seven of seven. First of multiple authors, one of one. Second author, four of nine. Third author, one of two. Fourth author, none of one.

By year: 2015, none of two. 2016, one of two. 2017, none of one. 2018, one of one. 2019, one of one. 2020, three of four. 2021, one of one. 2022, one of one. 2023, one of two. 2024, three of four. 2025, one of one.

Grouped against the start of his open-science program: through 2017, one of five. From 2018, twelve of fifteen.

For comparison, the same rule applied to the eighteen quantitative articles in Volume 90 of the *American Sociological Review* yields eight, or 44.4 percent.

Limitations

Twenty articles is a small denominator and several authorship cells hold one or two papers. Nothing here supports a general claim about how coauthorship affects deposit.

The venue finding rests on negative searches across twenty journal-years. It is supported by publisher framework documents stating that deposit is encouraged rather than required, and it remains an absence rather than a positive record. Where a title's policy at a given date could not be established from a dated document, the case is recorded as no requirement located rather than as no requirement in force.

Two positives, entries 14 and 17, are recorded as passing without a repository URL captured in the source trail. Those should be supplied before the census is treated as complete.

The rule applied is Cohen's 2023 standard, which is stricter than the one he used in 2025. Under the looser standard his rate would be higher.

Availability audits detect what an article and its links reveal. Searches used titles, DOIs and author names against OSF, Harvard Dataverse, GitHub, openICPSR, Zenodo and Figshare. The rate reported here is a floor.

Request

If any classification here is wrong, it will be corrected. The entries that decide the headline figure are 1, 2, 4, 5, 11, 15 and 19, the seven articles coded as failing.