

Field	Value
Dataset title	Data S1 – De-identified participant-level dataset (blinded)
Related manuscript	Exponential Impact in Rural Workforce Development (blinded submission)
Target journal	The Journal of Rural Health (submission)
Dataset file name	Data_S1_SupplInfo_20250815.xlsx
Version/date	2025-08-15 (YYYY-MM-DD)
Point of contact	Blinded for review (provide post-acceptance)
Study overview	De-identified data from a rural fellowship program; tests whether compounding touchpoints (frequency × quality) relate to rural practice commitment intentions.
Unit of observation	Individual participant (one row per participant)
Population/setting	Pre-health fellows in a rural U.S. program, 2017–2024 (blinded)
Sample size (n)	20
Primary outcome(s)	Rural practice commitment score (see Codebook)
Primary predictors	Touchpoint count; touchpoint quality; leverage-point indices (community, mentorship, clinical)
Key derived variables	Polynomial/threshold features; quality ≥7 indicator; synergy factor; quality multiplier
Study design	Mixed-methods; quantitative analyses include linear vs polynomial models, threshold detection, bootstrap checks
File contents	README; data; Codebook
Sheet: data	One row per participant; columns = variables in Codebook
Sheet: Codebook	Variable name, label, type, allowed values/units, coding, missing codes, derivation, usage, links, notes
Variable naming	snake_case; ASCII only; no spaces/special characters

Missing data conventions	NA for missing; any special codes documented in Codebook
De-identification summary	No direct identifiers; dates shifted/aggregated; locations generalized; free text removed; small-n categories combined if needed
Ethics/privacy	De-identified for peer review; no PHI; per program data-use agreements
Provenance	Program operations/evaluation data; extracted and cleaned for analysis
Reproducibility	S2 verification metrics; S3 bootstrap outputs; S4 methods narrative; S5 bootstrap summary
Software environment	R version: [enter]; packages: [enter versions]; seeds: [enter]
Analysis linkages	Figure 1–3; Table 1 (see Figure Legends/Table sections in manuscript)
Units/scales	Defined per variable in Codebook (e.g., Likert 1–10; counts)
Thresholds used	Touchpoint threshold ≈ 6 ; quality threshold ≥ 7 (document exacts in Codebook)
Quality checks	Range/type checks; duplicates; recodes documented
Known limitations	Small sample (n=20); bootstrap to assess stability
How to cite (manuscript)	[Blinded for review], submitted to The Journal of Rural Health, 2025
How to cite (data)	Data S1 (version 2025-08-15), to be cited alongside the article
License/usage	For peer review only (pre-acceptance); post-acceptance per journal policy
Change log	v2025-08-15: Initial blinded release; added README; Codebook to finalize