Imputation of Incomplete Multilevel Data with mice

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Abstract

Tutorial paper on imputing incomplete multilevel data with **mice**. Including methods for ignorable and non-ignorable missingness. AKA missing on so many levels.

Keywords: missing data, multilevel, clustering, R.

1. Outline door Thomas

- Waarom zijn standaard (ad hoc) methoden niet geschikt?

- Wat is heterogeniteit? (i.e. variability binnen studies vs. variability tussen studies). Random effects voor intercept term, predictor effects, en/of variance residual error

- JOMO aanpak (misschien buiten beschouwing laten?)

- MICE aanpak: one-stage imputation versus two-stage imputation methods

- Imputatie van studie-level versus patient-level covariates

- Omgaan met MNAR

2. References

- https://onlinelibrary.wiley.com/doi/abs/10.1002/9781119333784.ch18

- https://www.gerkovink.com/miceVignettes/Multi_level/Multi_level_data.html

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