

PaTH Clinically Focused Data Quality Framework

1. **Missingness** (bias) due to whether a patient visits or not (e.g., related to social determinants of health)
2. **Clinical practice affecting** (biasing) whether or how data are sought or measured by a provider
3. **Documentation practice affecting** (biasing) whether or how data are documented (e.g., upcoding or including missing data from outside the institution)
4. **Codes** (vocabulary) not fine enough or appropriate to the data
5. **ETL practices in data extraction** (e.g., losing or mis-mapping) data in the process
6. **Analytical variable definitions** (e.g., computable phenotype) inappropriate to the data