

# HEIM Clinical Trials Extension: Research-to-Translation Gap

## Clinical Trial Equity Index (CTEI)

$$\text{CTEI} = f(\text{Trial Volume, Disease Burden Alignment, Geographic Distribution})$$

### Trial Volume Analysis

500K+ trials  
2000-2025  
[ClinicalTrials.gov](#)

### Burden-Research Mismatch

GBD 2021 DALYs  
vs Trial counts  
89 disease categories

### Geographic Concentration

HIC vs LMIC sites  
Global South priority diseases

*Key Finding: 30 Global South Priority diseases receive disproportionately fewer trials relative to disease burden*