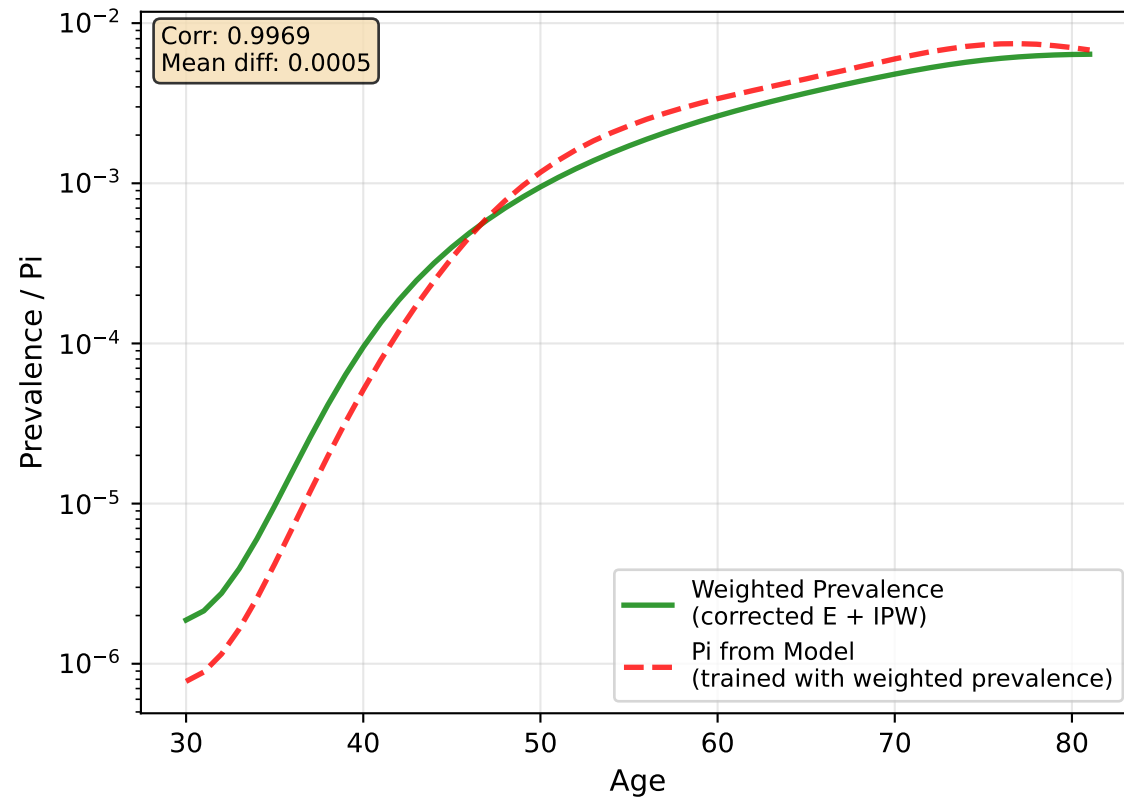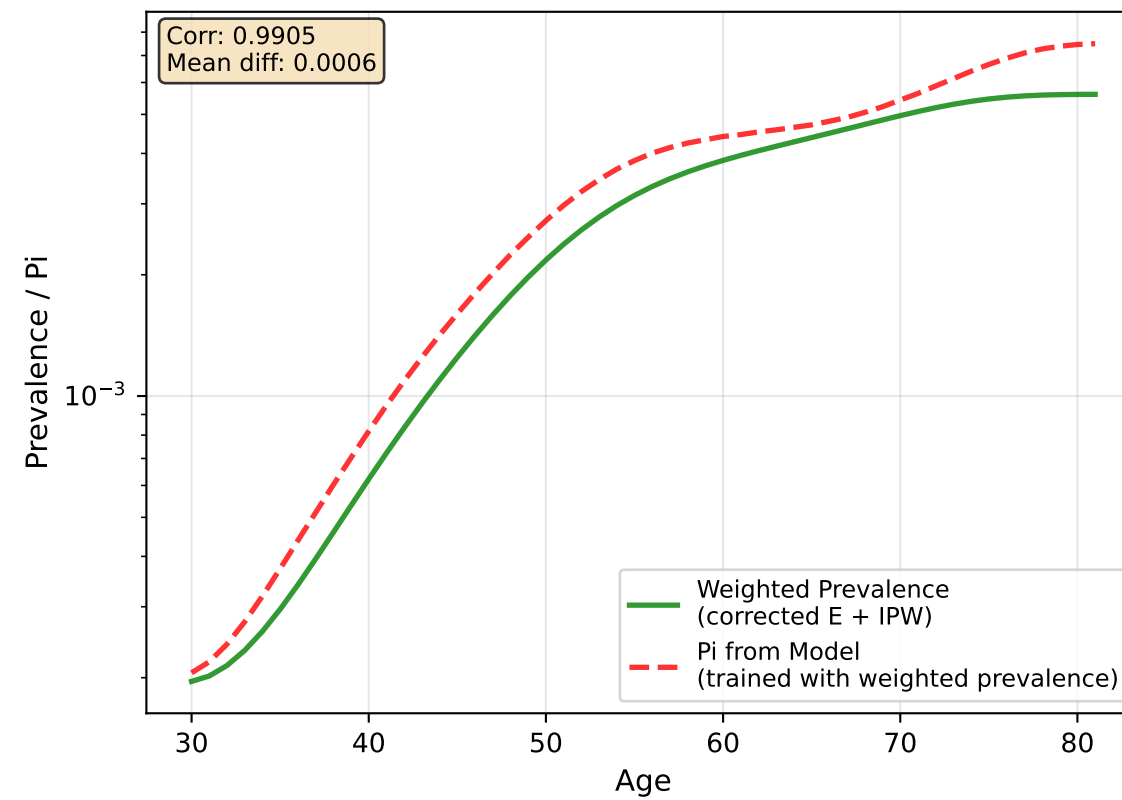**Weighted Prevalence vs Pi (Trained with Weighted Prevalence)**
Correlation: 0.9924 (N=100,000 patients, 10 batches)
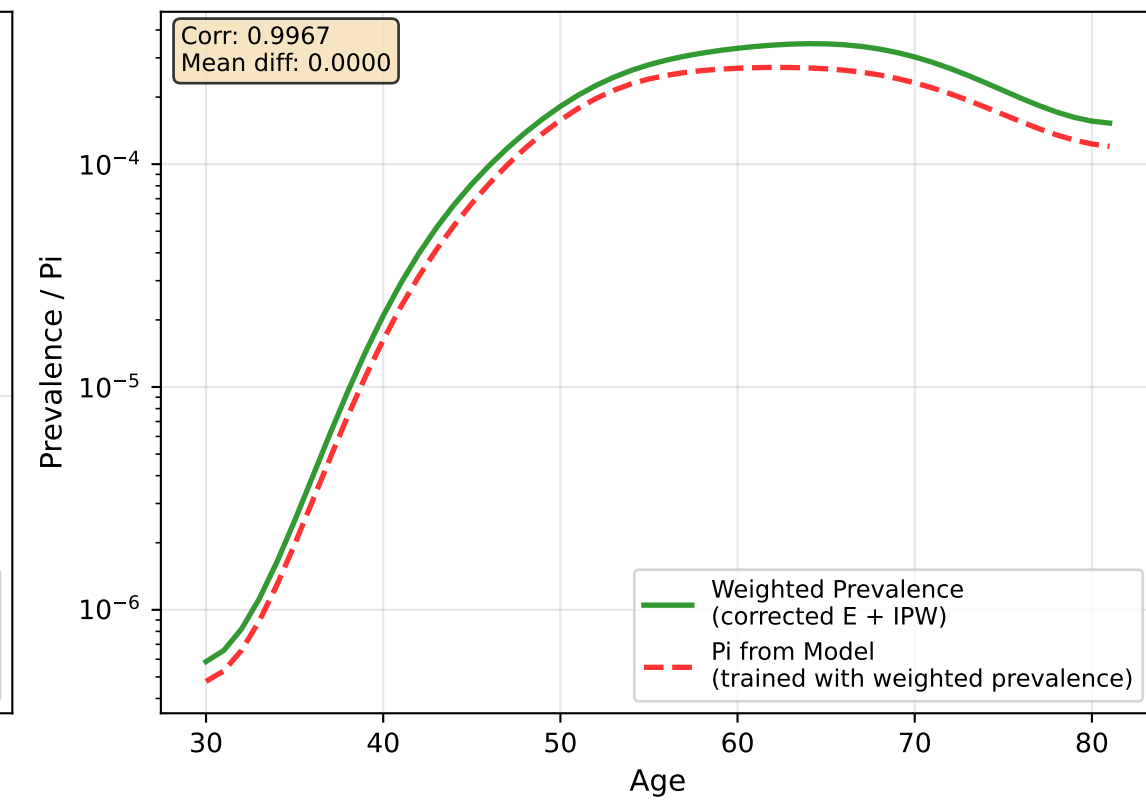
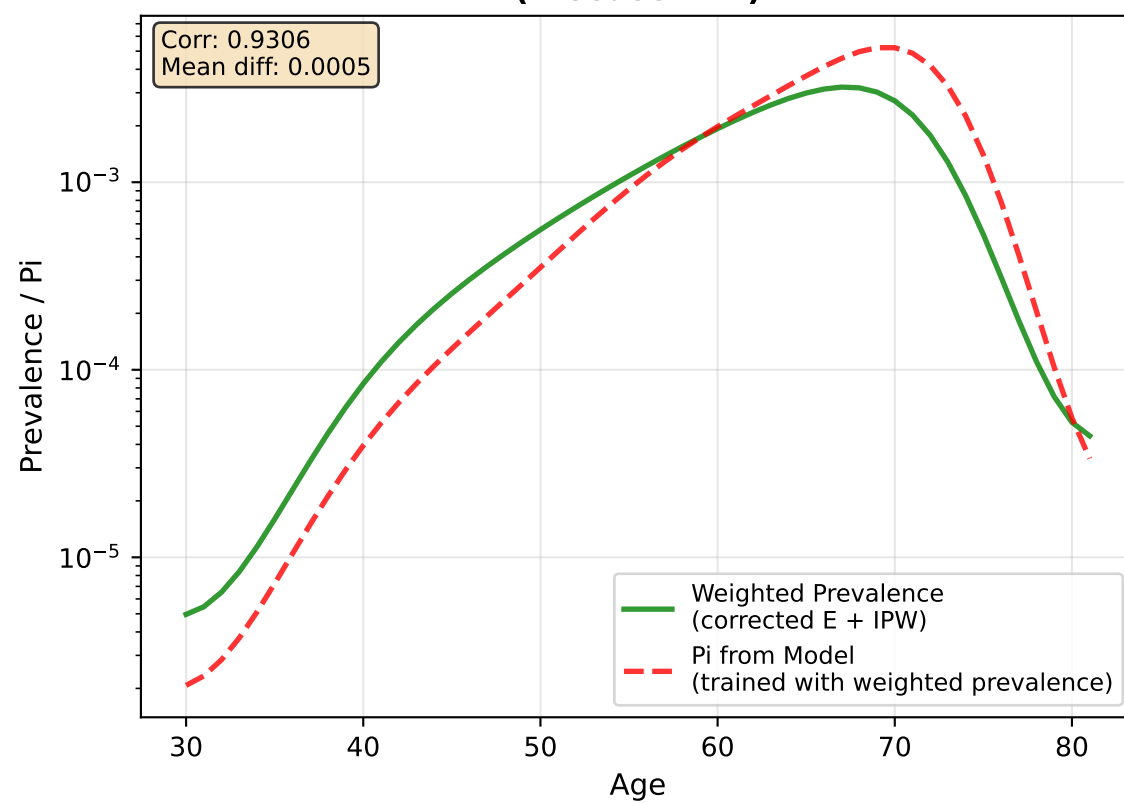**Myocardial Infarction (Disease 112)** — Corr: 0.9969, Mean diff: 0.0005

Depression (Disease 66) — Corr: 0.9905, Mean diff: 0.0006

Breast cancer [female] (Disease 16) — Corr: 0.9967, Mean diff: 0.0000

Atrial fibrillation (Disease 127) — Corr: 0.9306, Mean diff: 0.0005

Type 2 diabetes (Disease 47) — Corr: 0.9847, Mean diff: 0.0005

Legend: Weighted Prevalence (corrected E + IPW); Pi from Model (trained with weighted prevalence)