IPW Correction Demonstration: Dropping 90% of Women
Shows how IPW recovers full population patterns

Cancer of prostate
Demonstrating IPW Correction for Selection Bias
At age 56:
Drop: -95.8%
IPW Recovery: 101.1% of baseline
Myocardial infarction
Demonstrating IPW Correction for Selection Bias
At age 56:
Drop: -58.8%
IPW Recovery: 98.2% of baseline
Benign neoplasm of breast
Demonstrating IPW Correction for Selection Bias
At age 56:
Drop: 74.7%
IPW Recovery: 118.1% of baseline
Cervicitis and endocervicitis
Demonstrating IPW Correction for Selection Bias
At age 56:
Drop: 74.0%
IPW Recovery: 133.0% of baseline
Noninflammatory disorders of cervix
Demonstrating IPW Correction for Selection Bias
At age 56:
Drop: 78.3%
IPW Recovery: 111.6% of baseline
Mucous polyp of cervix
Demonstrating IPW Correction for Selection Bias
At age 56:
Drop: 81.4%
IPW Recovery: 95.4% of baseline
Irregular menstrual cycle/bleeding
Demonstrating IPW Correction for Selection Bias
At age 56:
Drop: 78.9%
IPW Recovery: 108.2% of baseline
Infertility, female
Demonstrating IPW Correction for Selection Bias
At age 56:
Drop: 31.0%
IPW Recovery: 69.0% of baseline
Full Population (Baseline)
90% Women Dropped (No Adjustment)
90% Women Dropped (With IPW Reweighting)
Prevalence
Age
30
40
50
60
70
80
10^{-6}
10^{-5}
10^{-4}
10^{-3}
10^{-2}