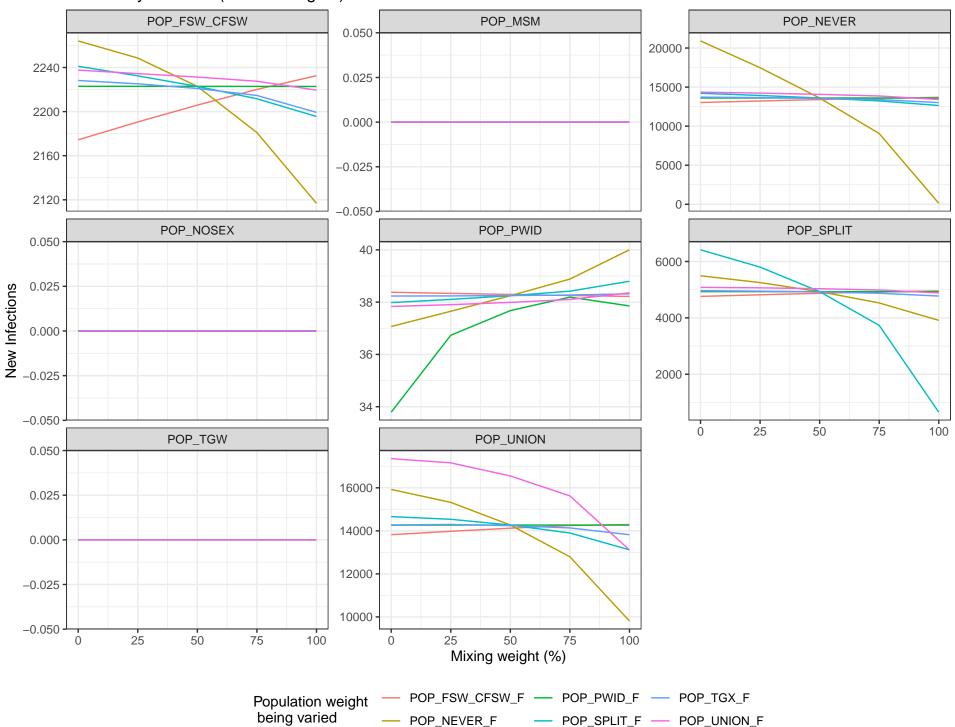
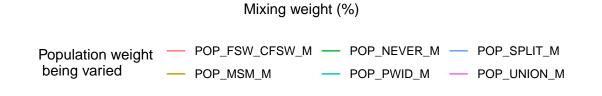
Females year 2000 (female weights)



Females year 2000 (male weights) POP_FSW_CFSW POP_MSM POP_NEVER 0.050 40000 -2200 0.025 30000 -2150 2100 0.000 20000 -2050 10000 --0.0252000 1950 -0.050POP_NOSEX POP_PWID POP_SPLIT 0.050 12000 0.005 New Infections 0.000 0.000 0.005 38 9000 -36 6000 -34 3000 -32 -0.05075 100 50 25 0 POP_TGW POP_UNION 0.050 20000 0.025 16000 0.000 12000 -0.025



50

75

100

25

8000

0

100

-0.050 -

25

50

75

Males year 2000 (female weights) POP_FSW_CFSW POP_MSM POP_NEVER 15000 8000 800 6000 13000 600 4000 -11000 400 2000 9000 200 -0 POP_NOSEX POP_PWID POP_SPLIT 0.050 2500 -Population weight 212 being varied 0.025 2000 -POP_FSW_CFSW_M 211 POP_MSM_M 1500 -0.000 210 POP_NEVER_M POP_PWID_M 1000 -209 -0.025 POP_SPLIT_M 500 208 POP_UNION_M -0.05025 50 75 100 POP_TGW POP_UNION 100 12000 75 8000 50 4000 -25

New Infections

50

25

75

100

25

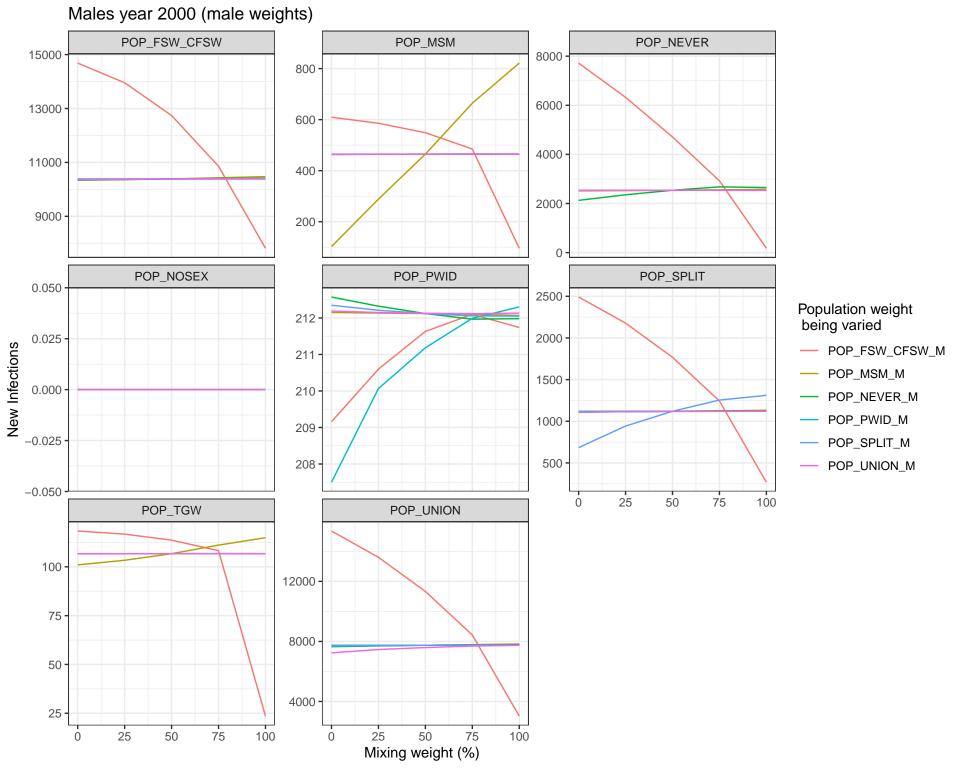
0

50

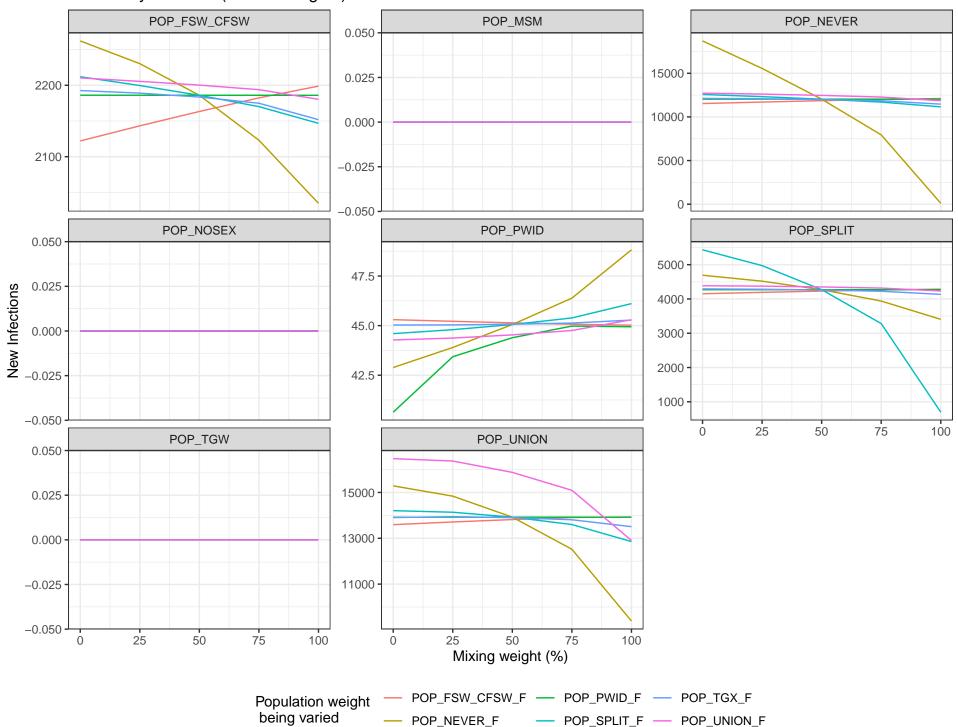
Mixing weight (%)

75

100



Females year 2010 (female weights)



Females year 2010 (male weights) POP_FSW_CFSW POP_MSM POP_NEVER 0.050 2200 30000 -0.025 2100 20000 -0.000 2000 10000 -0.025-0.050POP_NOSEX POP_PWID POP_SPLIT 0.050 0.005 New Infections 0.000 0.000 0.005 7500 45 5000 40 2500 --0.05075 100 50 25 0 POP_TGW POP_UNION 0.050 20000 17500 0.025 15000 0.000 12500 -0.02510000 7500 -0.050 -25 50 75 100 25 50 75 100 0 Mixing weight (%) — POP_FSW_CFSW_M — POP_NEVER_M — POP_SPLIT_M Population weight being varied

— POP_MSM_M

— POP_PWID_M — POP_UNION_M

Males year 2010 (female weights) POP_FSW_CFSW POP_MSM POP_NEVER 13000 6000 12000 600 11000 4000 400 10000 9000 2000 200 8000 7000 POP_NOSEX POP_PWID POP_SPLIT 0.050 Population weight 2000 being varied 260 0.025 POP_FSW_CFSW_M 1500 POP_MSM_M 0.000 250 POP_NEVER_M 1000 POP_PWID_M -0.025 POP_SPLIT_M 240 -500 POP_UNION_M -0.05025 50 75 100 POP_TGW POP_UNION 120 12500 90 10000 -7500 60 5000

New Infections

30

0

25

50

75

2500

100

25

50

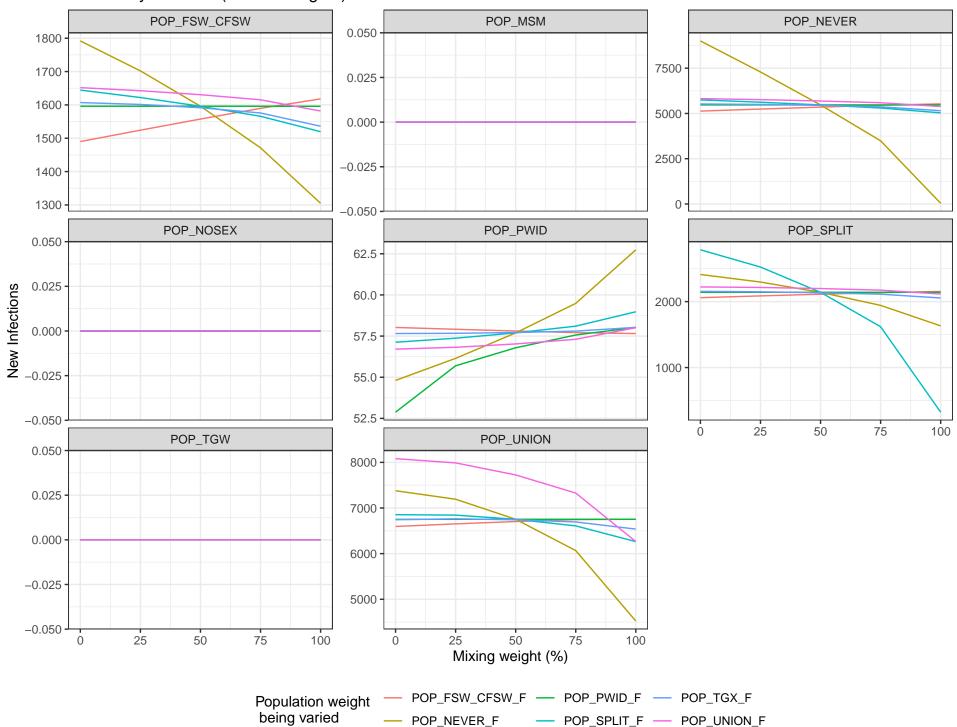
Mixing weight (%)

75

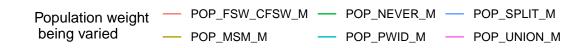
100

Males year 2010 (male weights) POP_FSW_CFSW POP_MSM POP_NEVER 13000 6000 12000 600 11000 4000 400 10000 9000 2000 200 8000 7000 0 POP_NOSEX POP_PWID POP_SPLIT 0.050 Population weight 2000 being varied 260 0.025 New Infections POP_FSW_CFSW_M 1500 POP_MSM_M 0.000 250 POP_NEVER_M 1000 POP_PWID_M -0.025 POP_SPLIT_M 240 -500 POP_UNION_M -0.05025 50 75 100 POP_TGW POP_UNION 120 12500 90 10000 -7500 60 5000 30 2500 25 25 50 75 100 50 75 100 0 Mixing weight (%)

Females year 2020 (female weights)

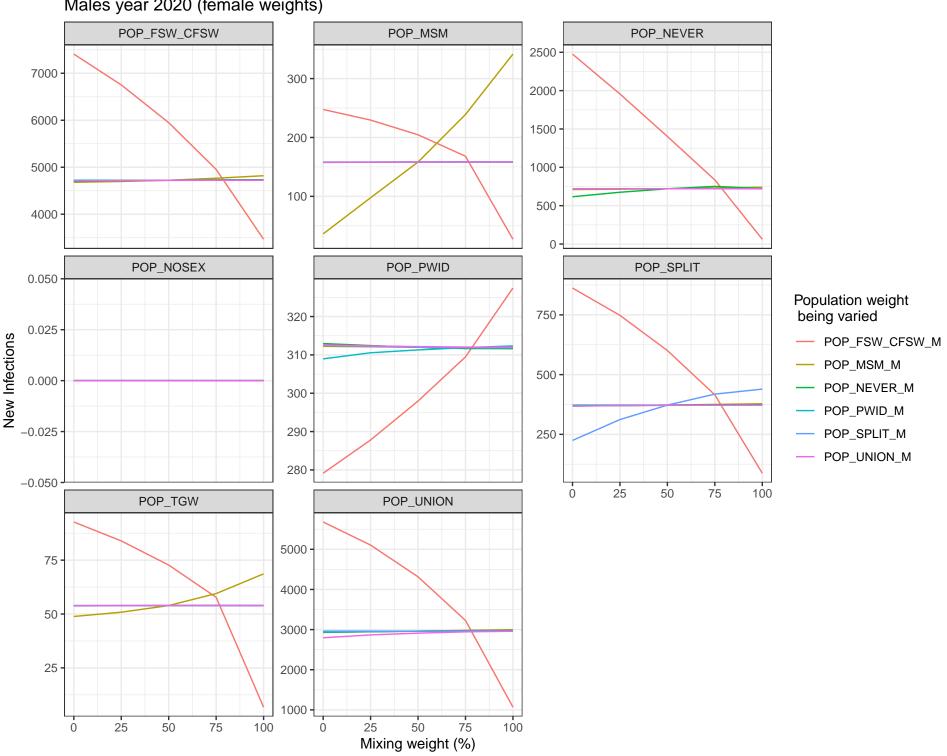


Females year 2020 (male weights) POP_FSW_CFSW POP_NEVER POP_MSM 0.050 20000 1700 0.025 15000 -1600 10000 -0.000 1500 5000 -0.0251400 -0.050POP_NOSEX POP_PWID POP_SPLIT 0.050 0.005 New Infections 0.000 0.000 0.005 60 4000 55 2000 -50 45 -0.05050 75 100 25 0 POP_TGW POP_UNION 0.050 10000 0.025 8000 0.000 6000 -0.0254000 -0.050 25 50 75 100 100 25 50 75 0



Mixing weight (%)

Males year 2020 (female weights)



Males year 2020 (male weights) POP_FSW_CFSW POP_MSM POP_NEVER 2500 7000 300 2000 6000 1500 200 -5000 1000 100 -500 4000 POP_NOSEX POP_PWID POP_SPLIT 0.050 Population weight 750 being varied 320 0.025 New Infections POP_FSW_CFSW_M 310 -POP_MSM_M 500 0.000 POP_NEVER_M 300 POP_PWID_M -0.025 290 -POP_SPLIT_M 250 POP_UNION_M 280 -0.05025 50 75 100 POP_TGW POP_UNION 5000 75 4000 50 3000 -25 2000 1000 50 50 75 25 75 100 0 25 100 Mixing weight (%)