sem\_fit\_med <- sem(sem\_med, estimator = "WLSMV", data = data\_imputed)

summary(sem\_fit\_med, nd = 6)

Summary Total Effects

Model1: Mediator Self Esteem

total1 -10.608673 1.318115 -8.048368 0.000000

total2 -2.485234 1.038854 -2.392284 0.016744

total3 -2.388721 1.292675 -1.847889 0.064618

total4 -1.500702 1.199359 -1.251253 0.210842

total5 -8.055265 1.190814 -6.764505 0.000000

total6 -2.524953 1.135209 -2.224219 0.026134

total7 6.307549 1.171373 5.384747 0.000000

total8 1.895131 1.339957 1.414323 0.157267

Model2: Mediator Optimism

total1 -10.608682 1.318115 -8.048375 0.000000

total2 -2.485233 1.038854 -2.392283 0.016744

total3 -2.388664 1.292675 -1.847845 0.064625

total4 -1.500690 1.199359 -1.251243 0.210846

total5 -8.055249 1.190814 -6.764492 0.000000

total6 -2.525053 1.135209 -2.224307 0.026128

total7 6.307552 1.171373 5.384750 0.000000

total8 1.895101 1.339957 1.414300 0.157274

Model3: Mediator Anxiety

total1 -10.608613 1.318115 -8.048323 0.000000

total2 -2.485239 1.038854 -2.392289 0.016744

total3 -2.388808 1.292675 -1.847957 0.064609

total4 -1.500605 1.199359 -1.251172 0.210872

total5 -8.055223 1.190814 -6.764470 0.000000

total6 -2.525401 1.135209 -2.224614 0.026107

total7 6.307479 1.171373 5.384688 0.000000

total8 1.895294 1.339957 1.414444 0.157231

Model4: Mediator Depression

total1 -10.608628 1.318115 -8.048334 0.000000

total2 -2.485239 1.038854 -2.392289 0.016744

total3 -2.388855 1.292675 -1.847993 0.064603

total4 -1.500591 1.199359 -1.251160 0.210876

total5 -8.055180 1.190814 -6.764434 0.000000

total6 -2.525284 1.135209 -2.224511 0.026114

total7 6.307594 1.171373 5.384785 0.000000

total8 1.895169 1.339957 1.414351 0.157259