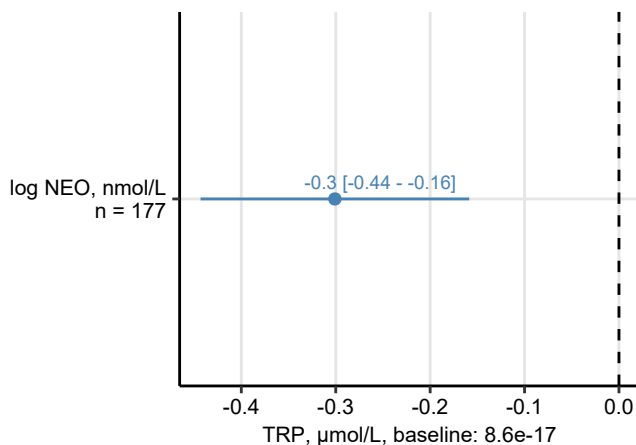
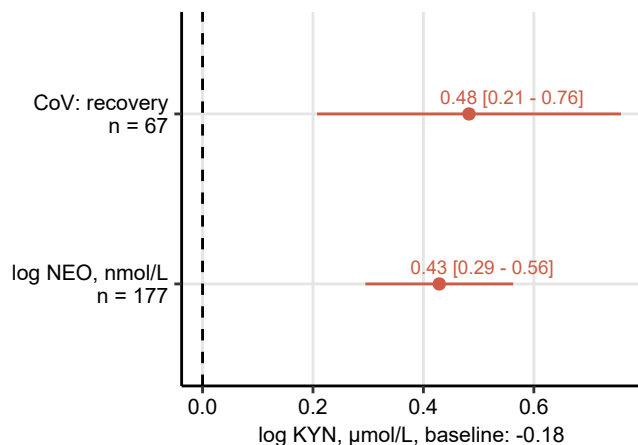
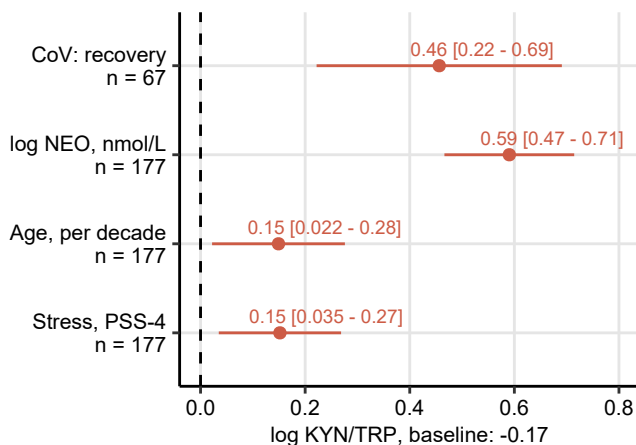


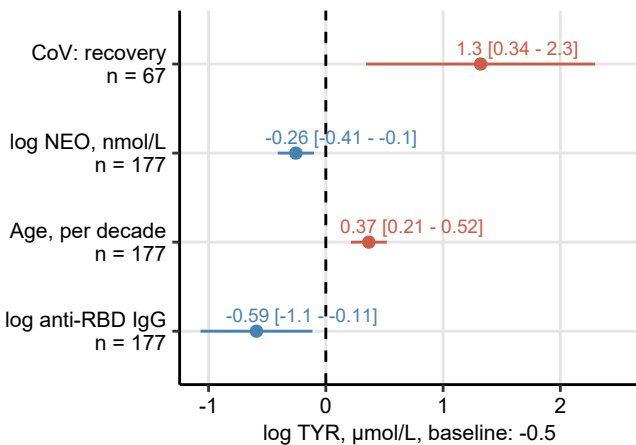
**A****TRP, SIMMUN** $F(1, 176) = 17, p = 4.7\text{e-}05, n = 177$ **KYN, SIMMUN** $F(2, 176) = 24, p = 8.9\text{e-}10, n = 177$ **KYN/TRP, SIMMUN** $F(4, 176) = 35, p = 2.1\text{e-}21, n = 177$ 

regulation

negative

ns

positive

**B****TYR, SIMMUN** $F(4, 176) = 7.7, p = 1\text{e-}05, n = 177$ **PHE/TYR, SIMMUN** $F(4, 176) = 6.2, p = 0.00012, n = 177$ 