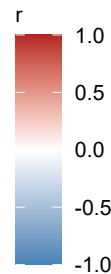
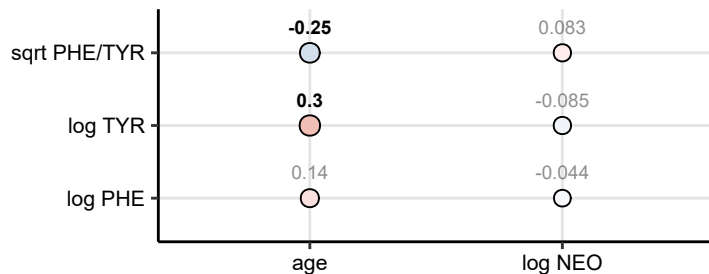
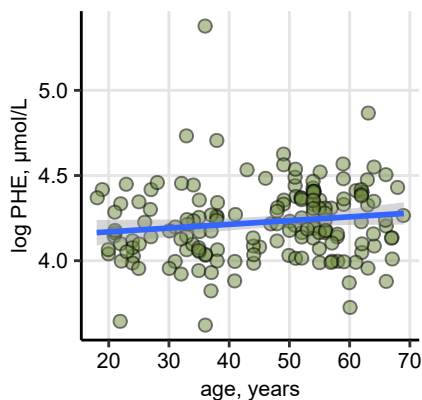
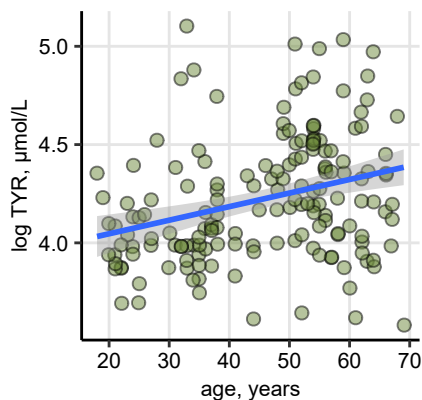
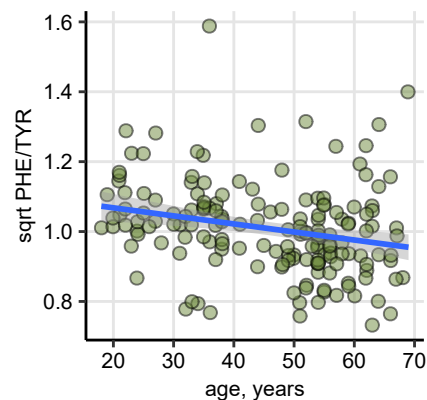
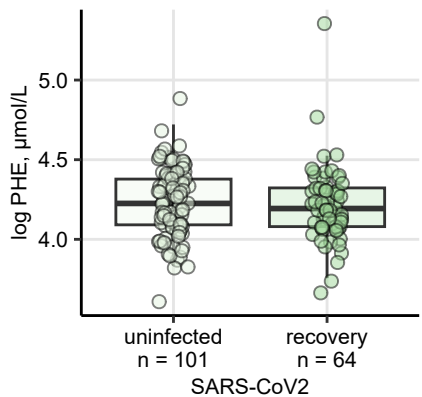
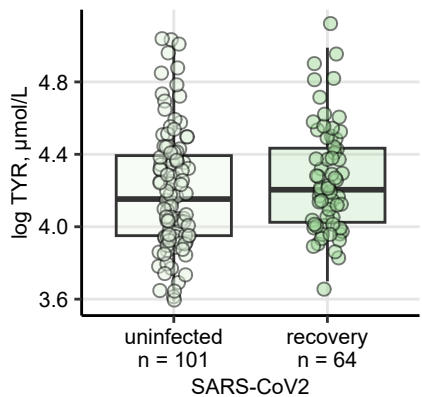


**A****PHE - TYR pathway**Pearson correlation,  $n = 165$ **B****age and PHE**0.14 [-0.013 - 0.29], ns ( $p = 0.16$ )**age and TYR**0.3 [0.16 - 0.44],  $p < 0.001$ **age and PHE/TYR**-0.25 [-0.39 - -0.11],  $p = 0.0044$ **C****log PHE** $d = 0.11$ , ns ( $p = 0.58$ )**log TYR** $d = 0.2$ , ns ( $p = 0.37$ )**sqrt PHE/TYR** $d = 0.35$ , ns ( $p = 0.092$ )