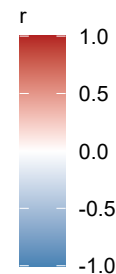
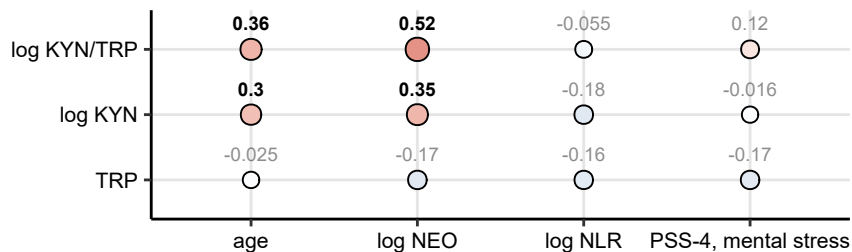
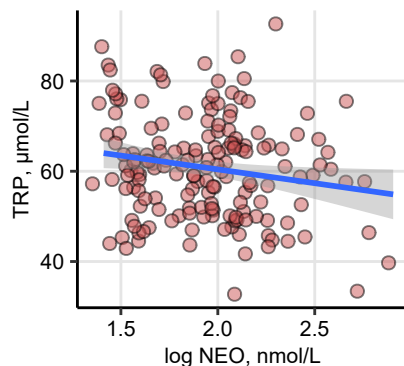
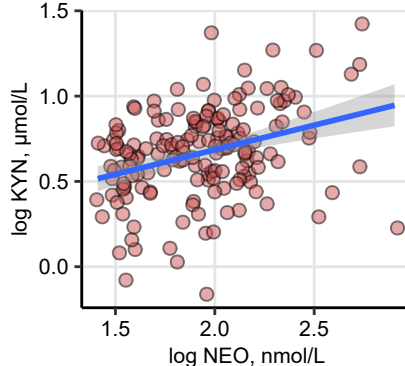
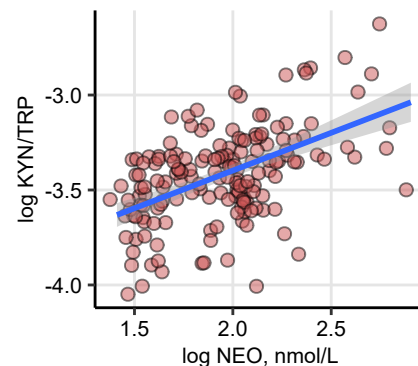
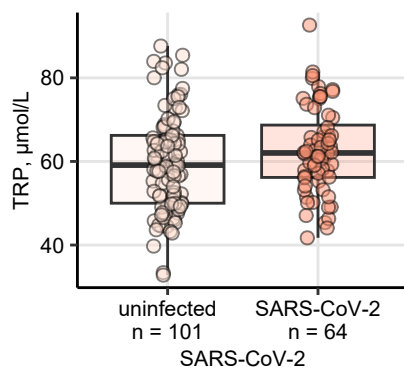
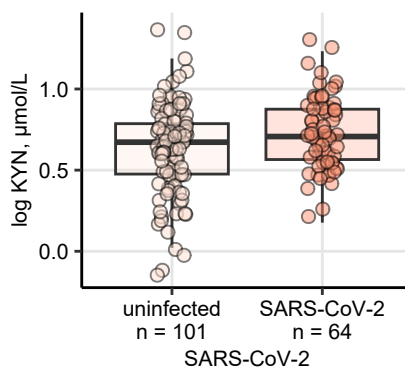
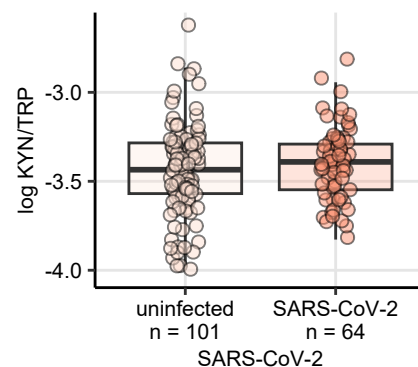
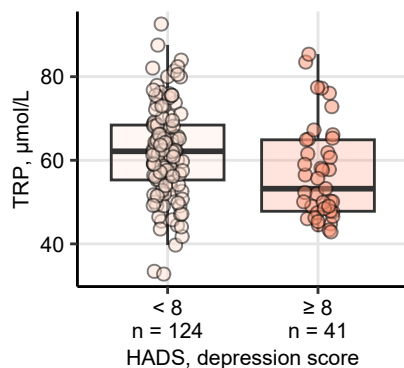
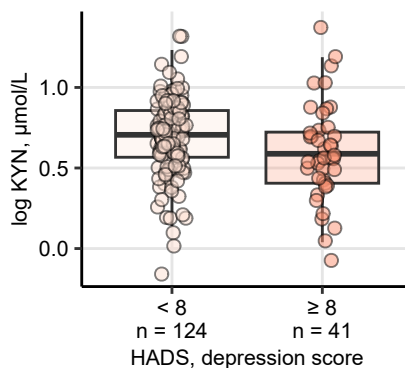


**A****Kynurenine pathway, SIMMUN**Pearson correlation,  $n = 165$ **B****NEO and TRP, SIMMUN**-0.17 [-0.32 - -0.02],  $p = 0.027$ **NEO and KYN, SIMMUN**0.35 [0.2 - 0.47],  $p < 0.001$ **NEO and KYN/TRP, SIMMUN**0.52 [0.4 - 0.62],  $p < 0.001$ **C****TRP, SIMMUN** $d = 0.28$ , ns ( $p = 0.078$ )**KYN, SIMMUN** $d = 0.36$ ,  $p = 0.024$ **KYN/TRP, SIMMUN** $d = 0.15$ , ns ( $p = 0.35$ )**TRP, SIMMUN** $d = 0.45$ ,  $p = 0.016$ **KYN, SIMMUN** $d = 0.35$ , ns ( $p = 0.073$ )**KYN/TRP, SIMMUN** $d = 0.036$ , ns ( $p = 0.85$ )