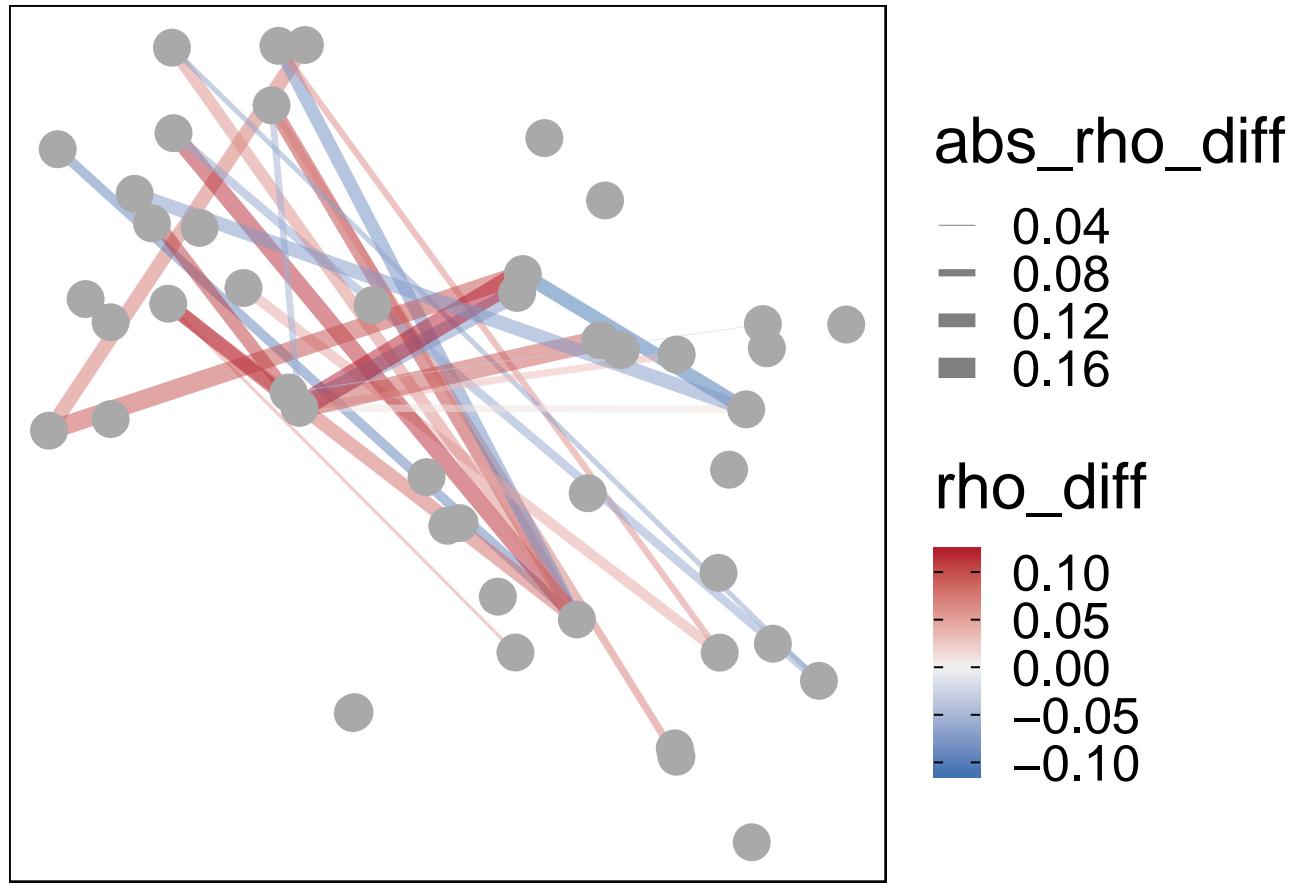
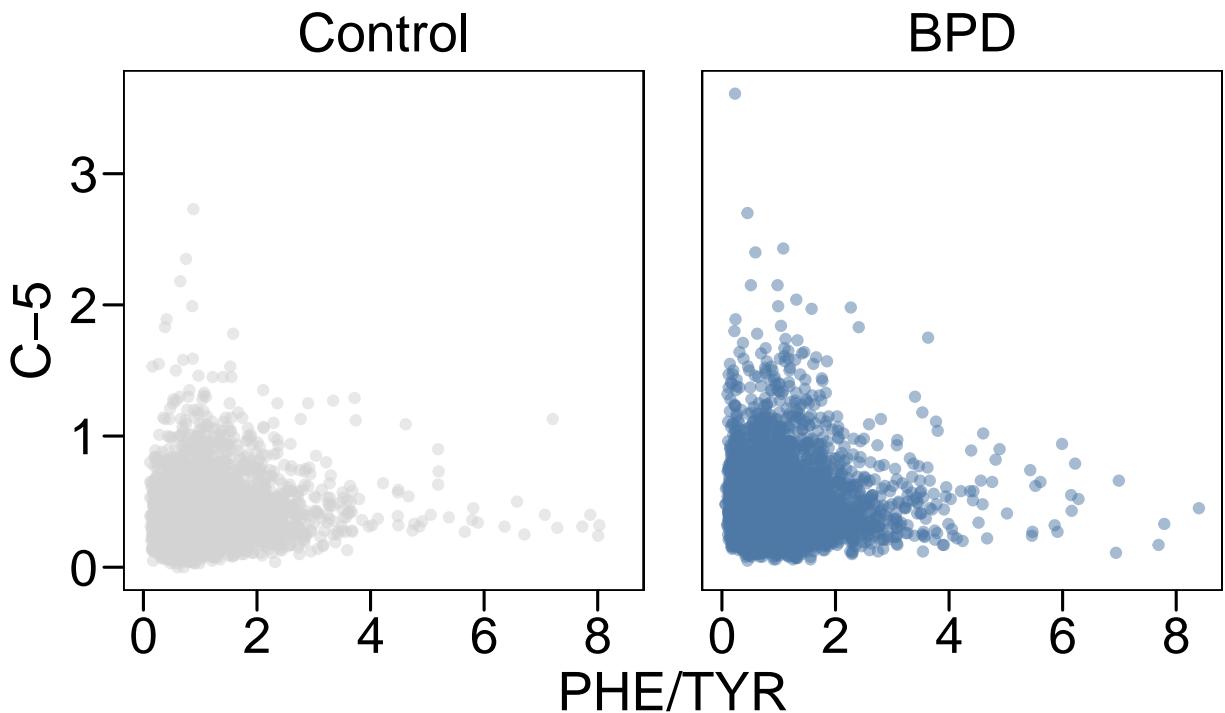


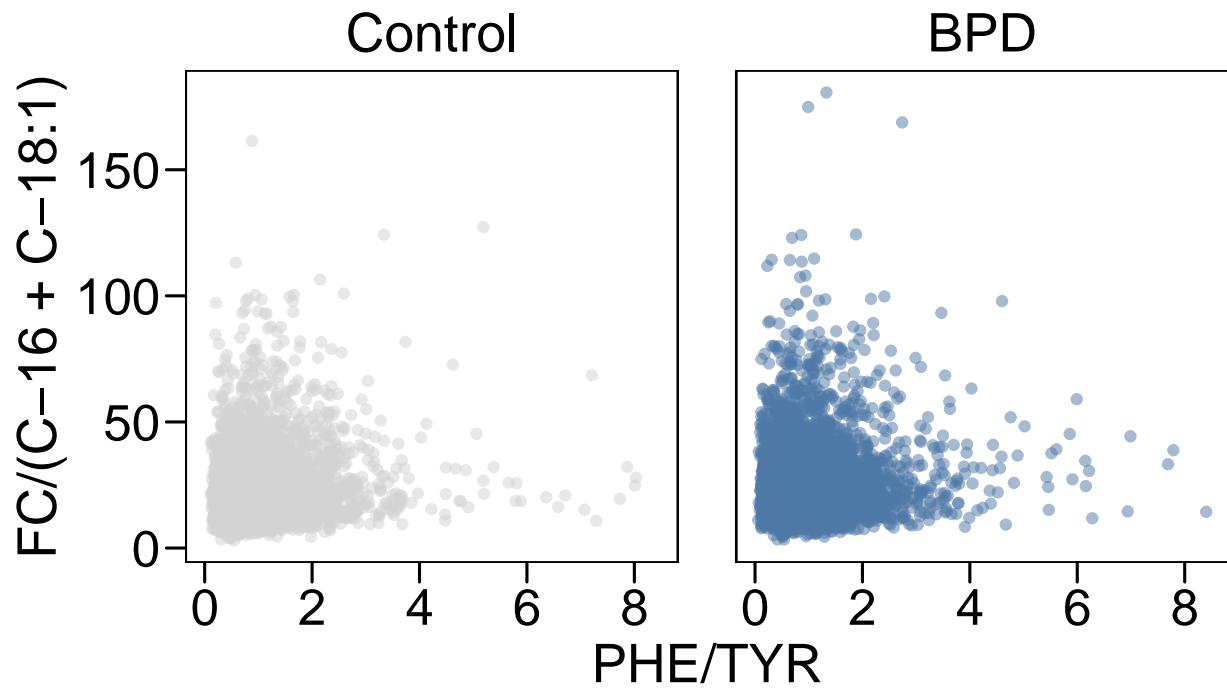
bpd_any (flipped directionality)



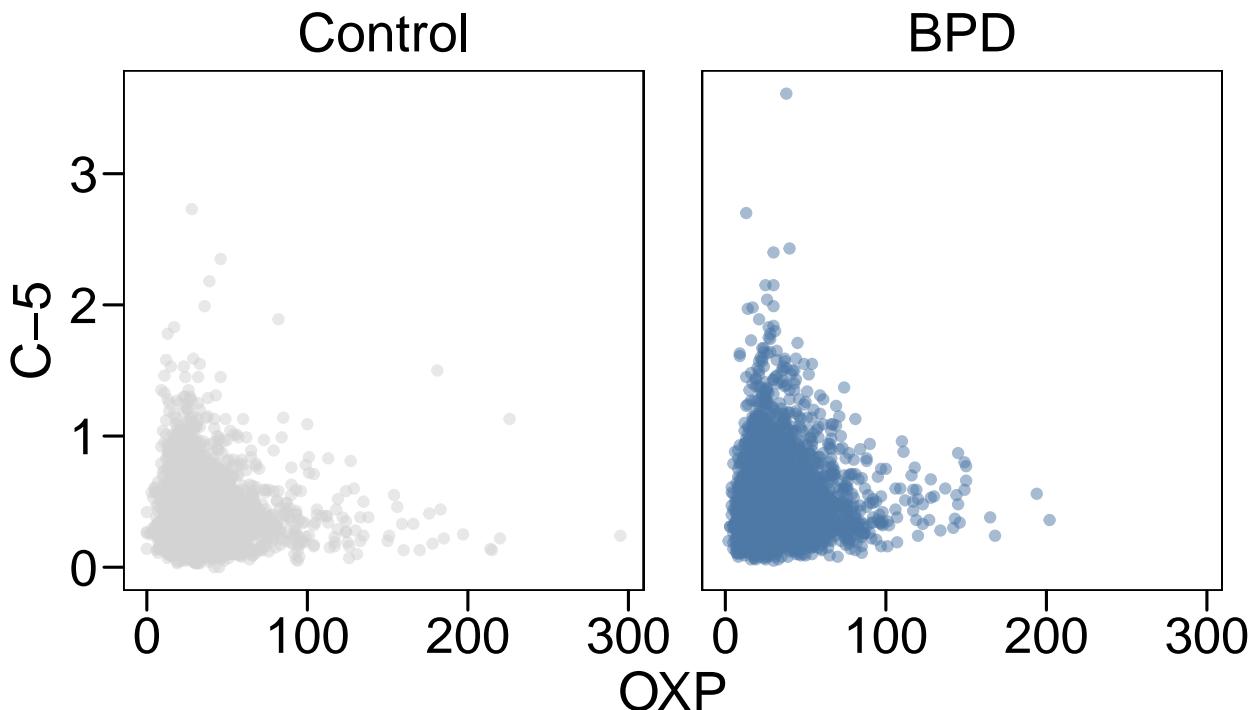
bpd_any metabolite values



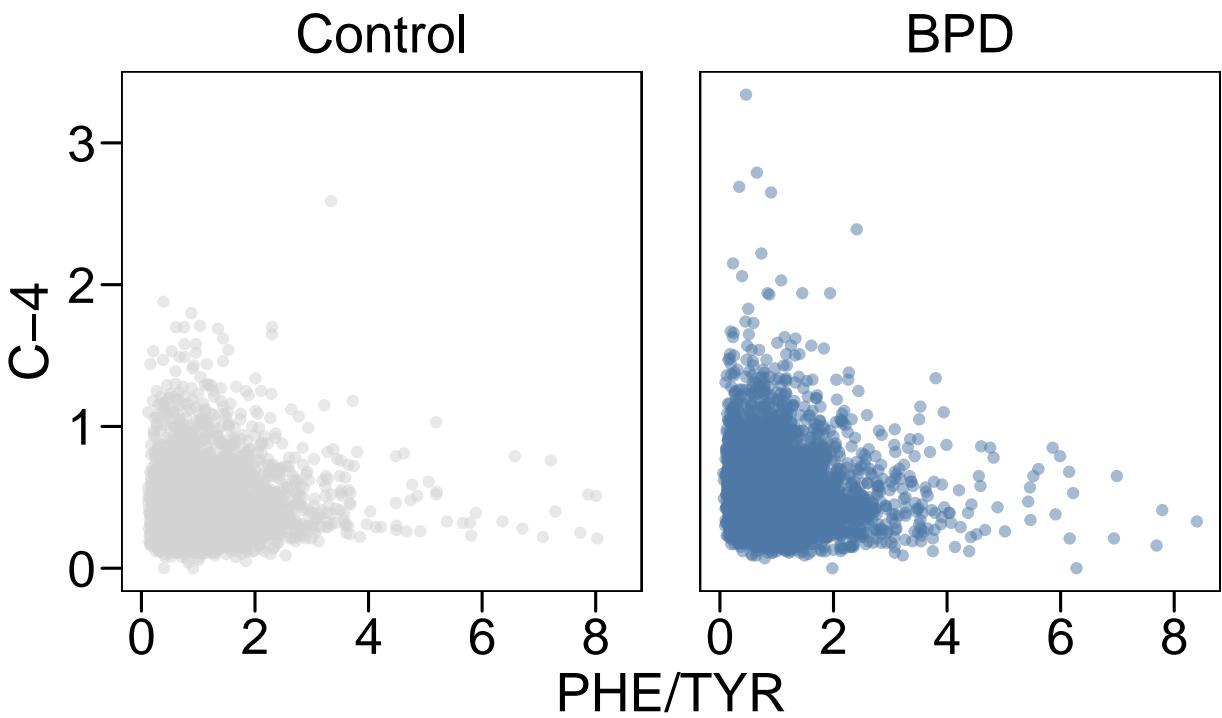
bpd_any metabolite values



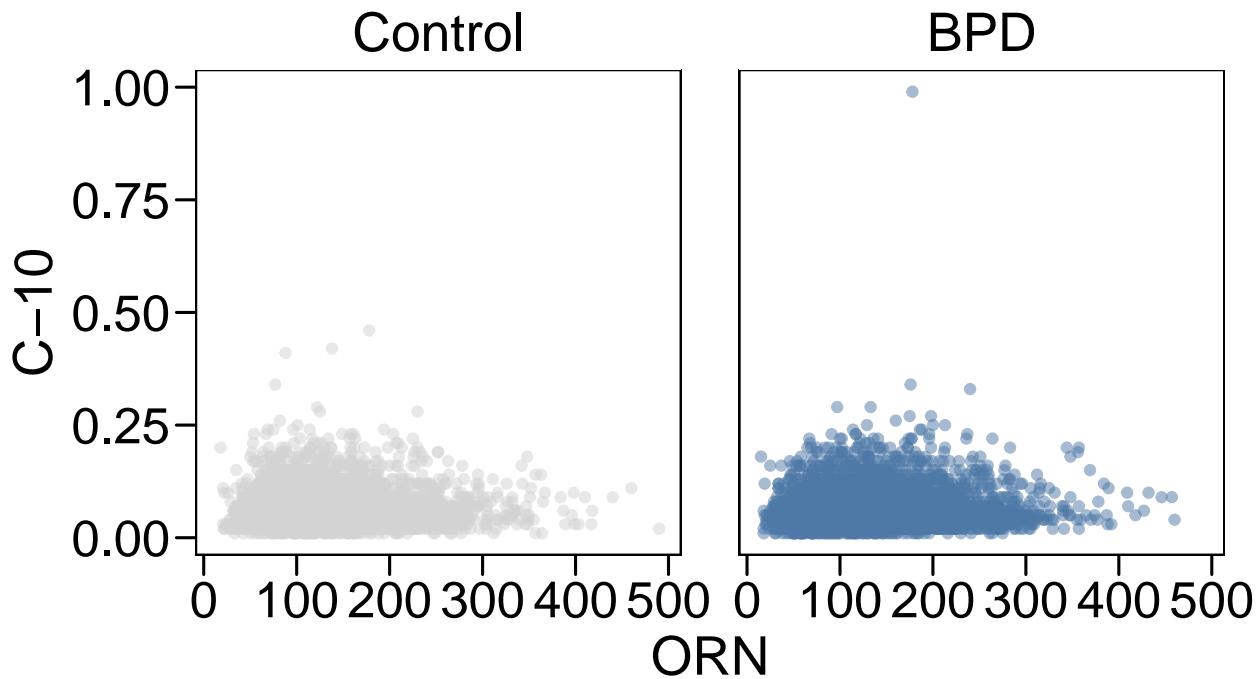
bpd_any metabolite values



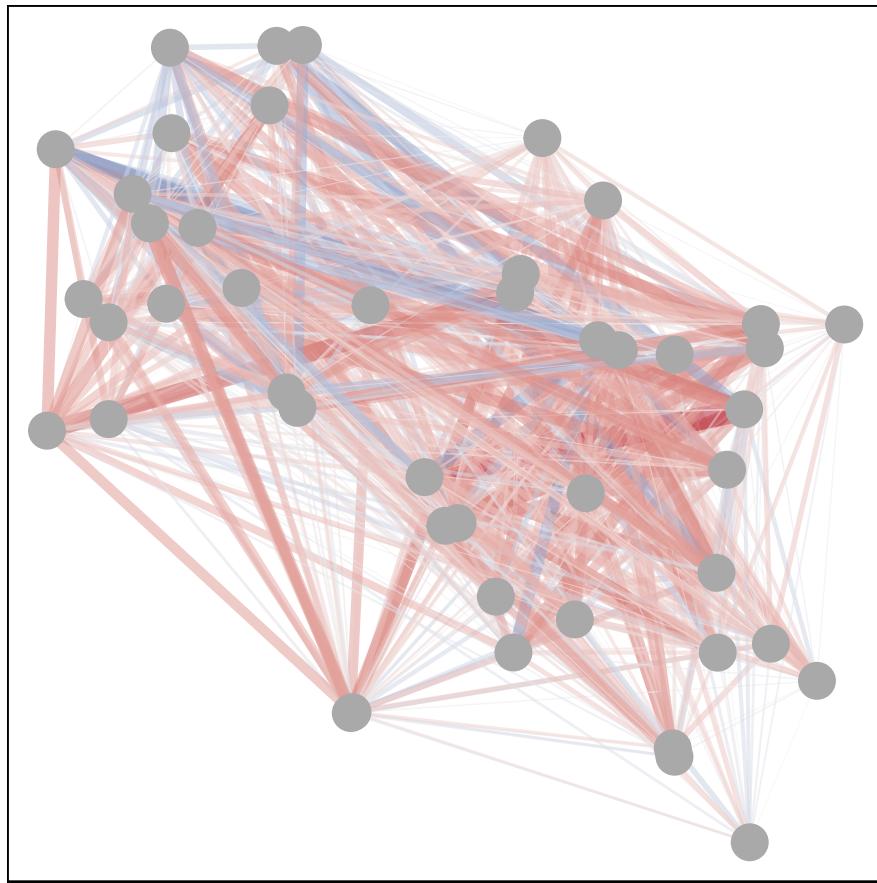
bpd_any metabolite values



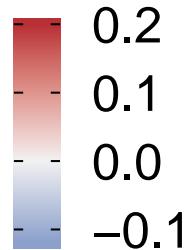
bpd_any metabolite values



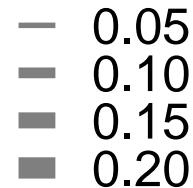
ivh_any disruption



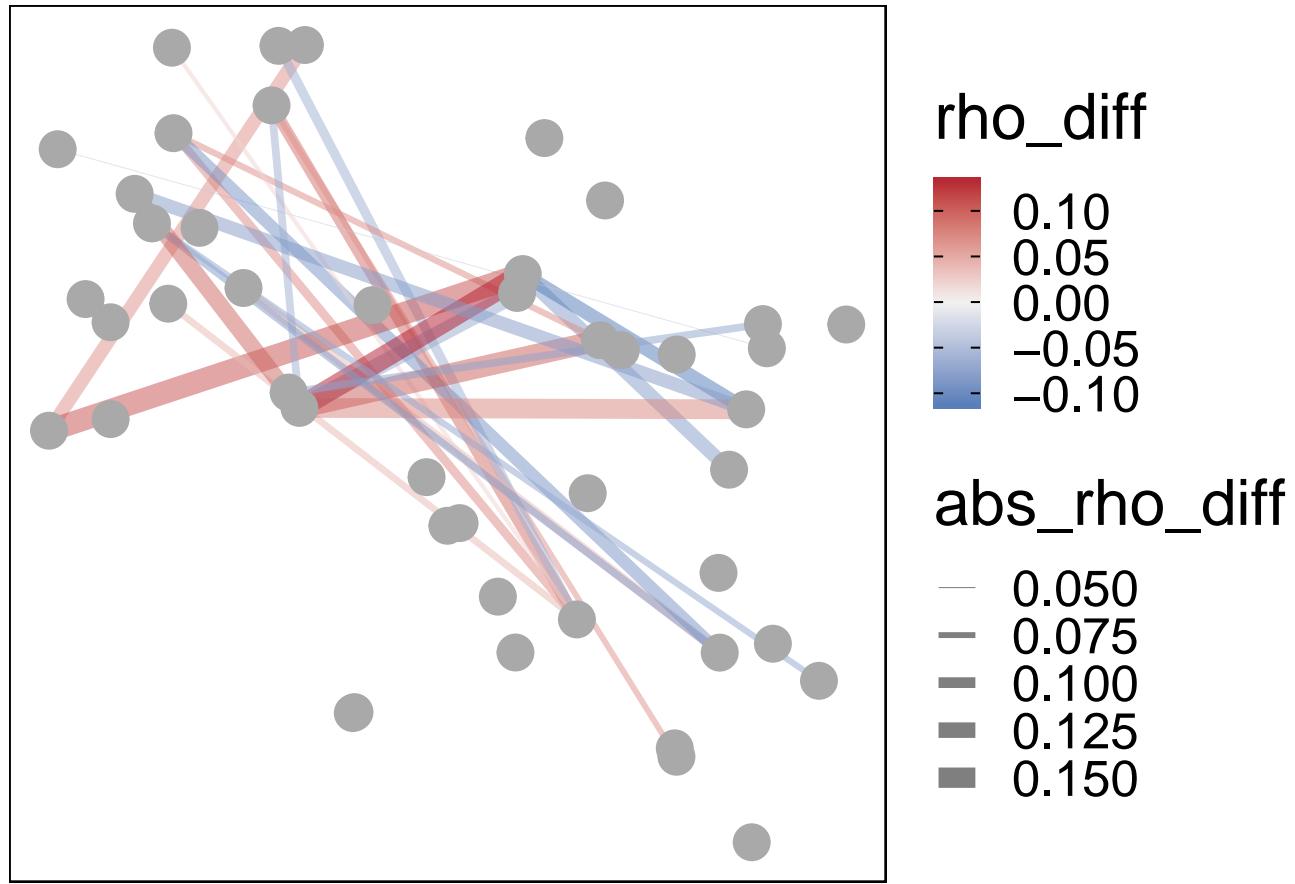
ρ_{diff}



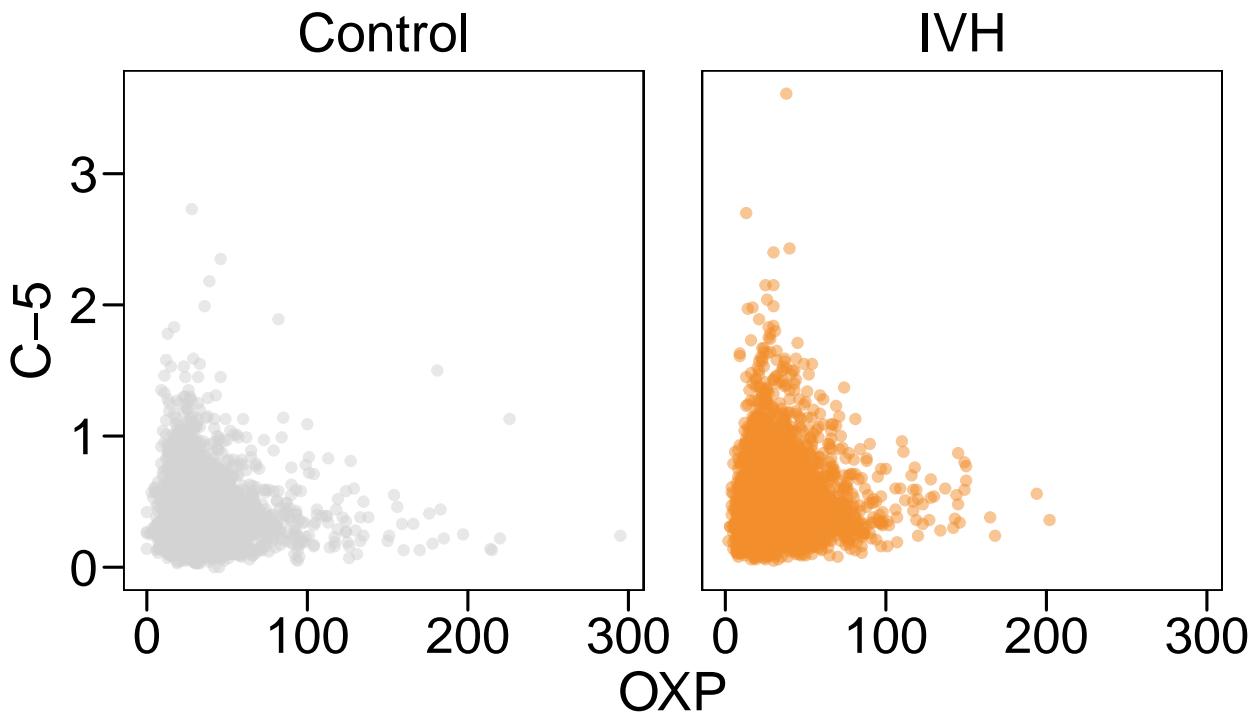
$\text{abs}_{\rho_{\text{diff}}}$



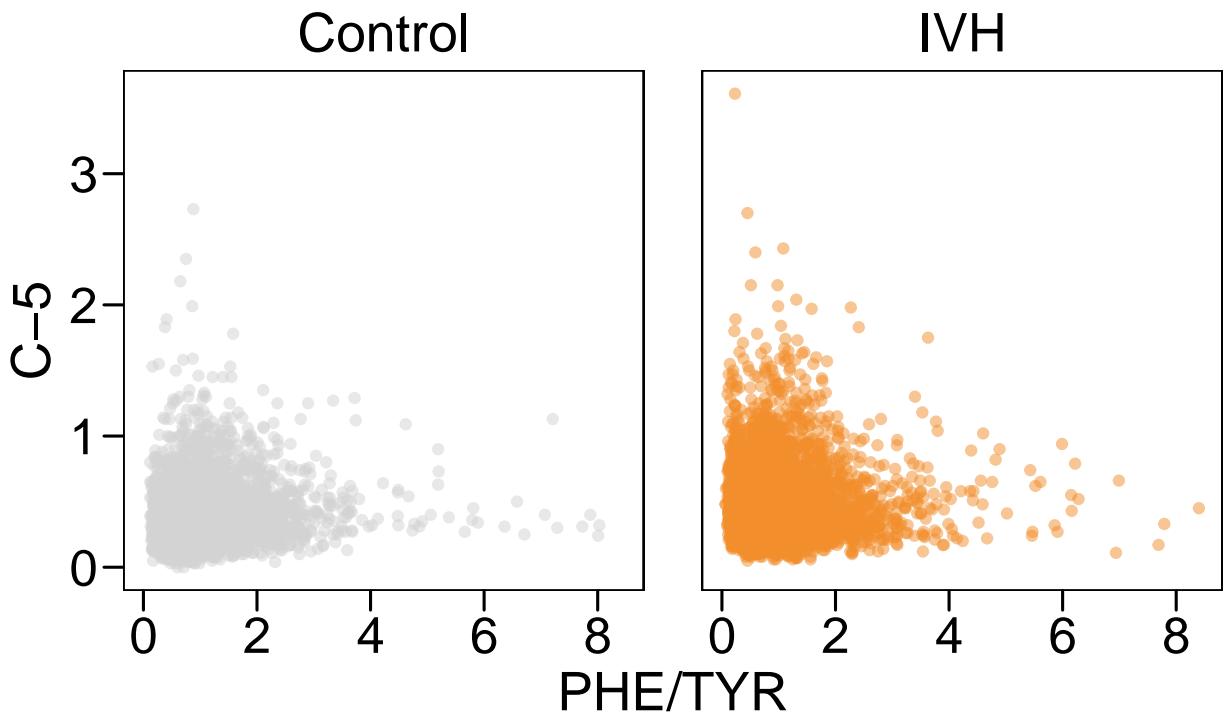
ivh_any (flipped directionality)



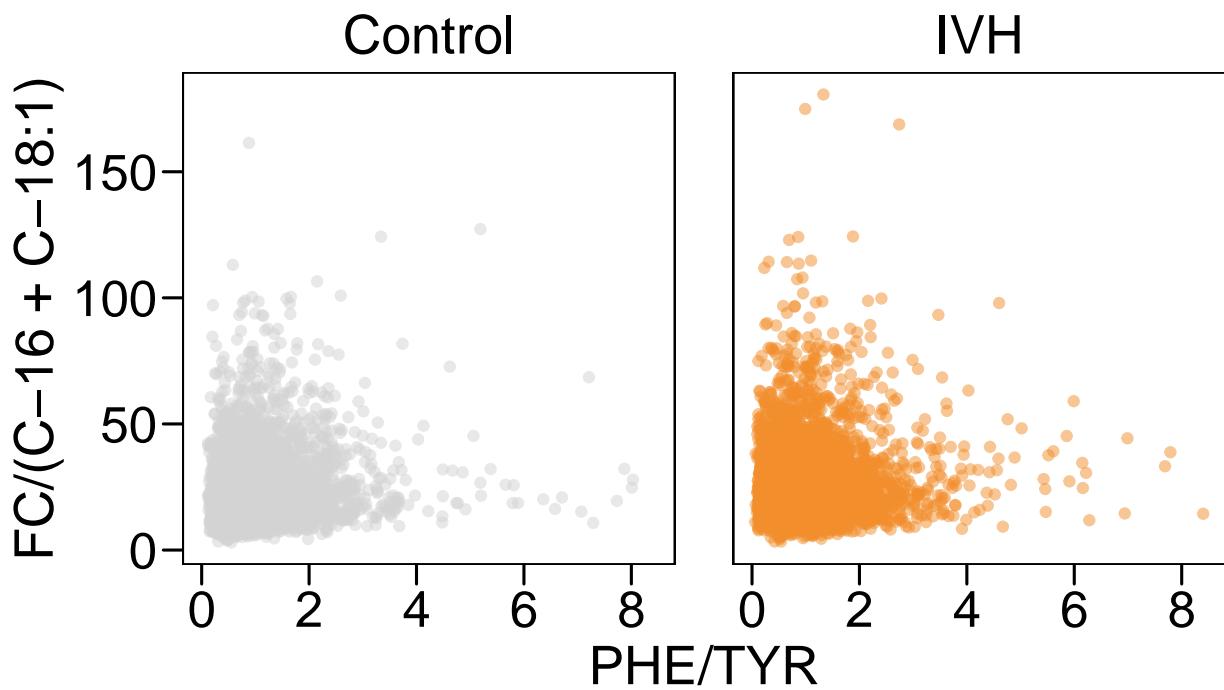
ivh_any metabolite values



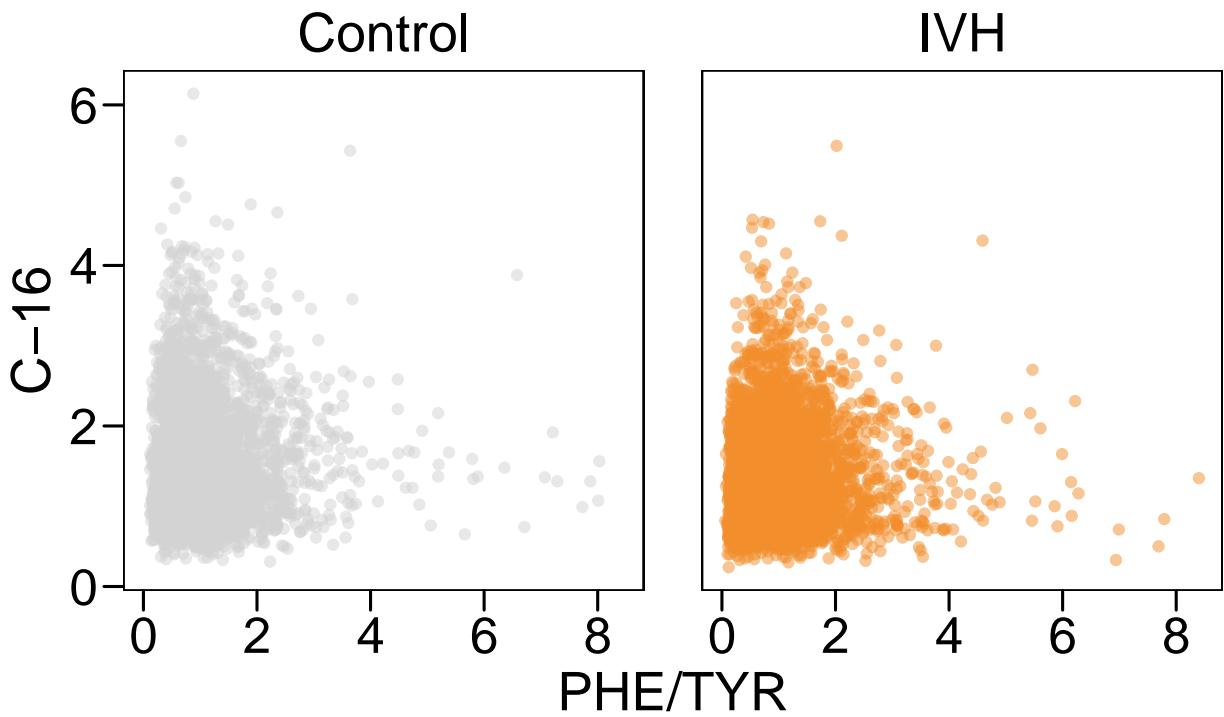
ivh_any metabolite values



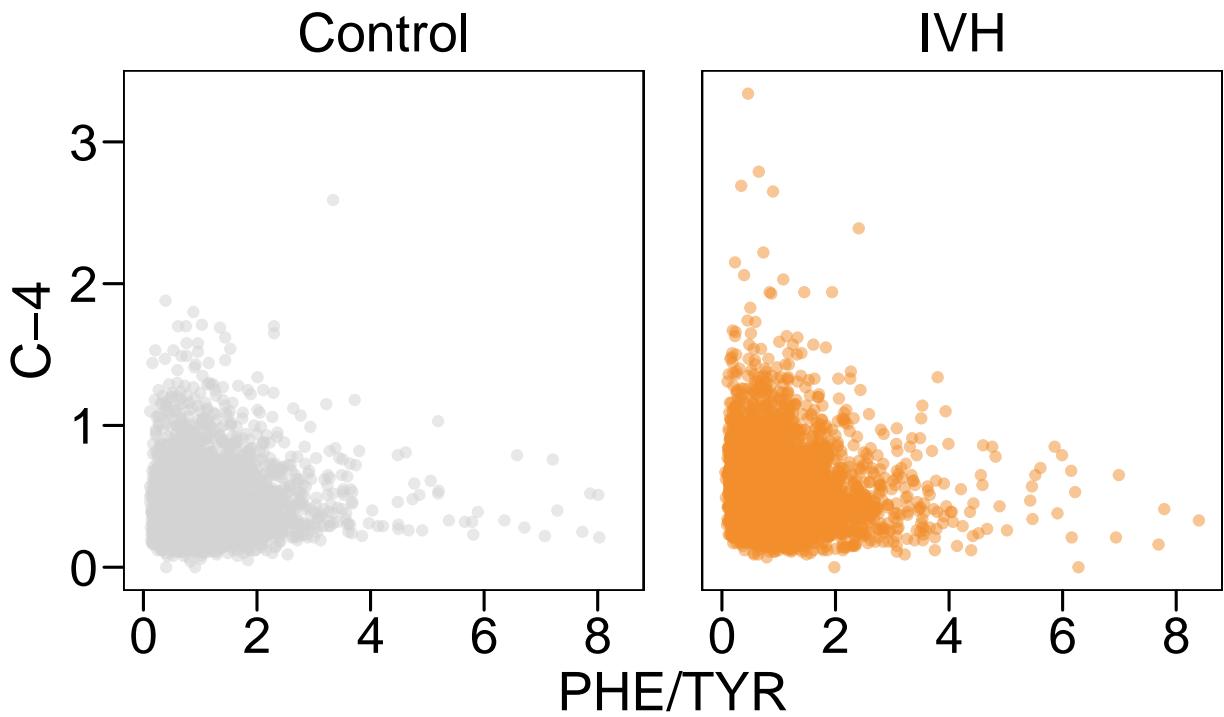
ivh_any metabolite values



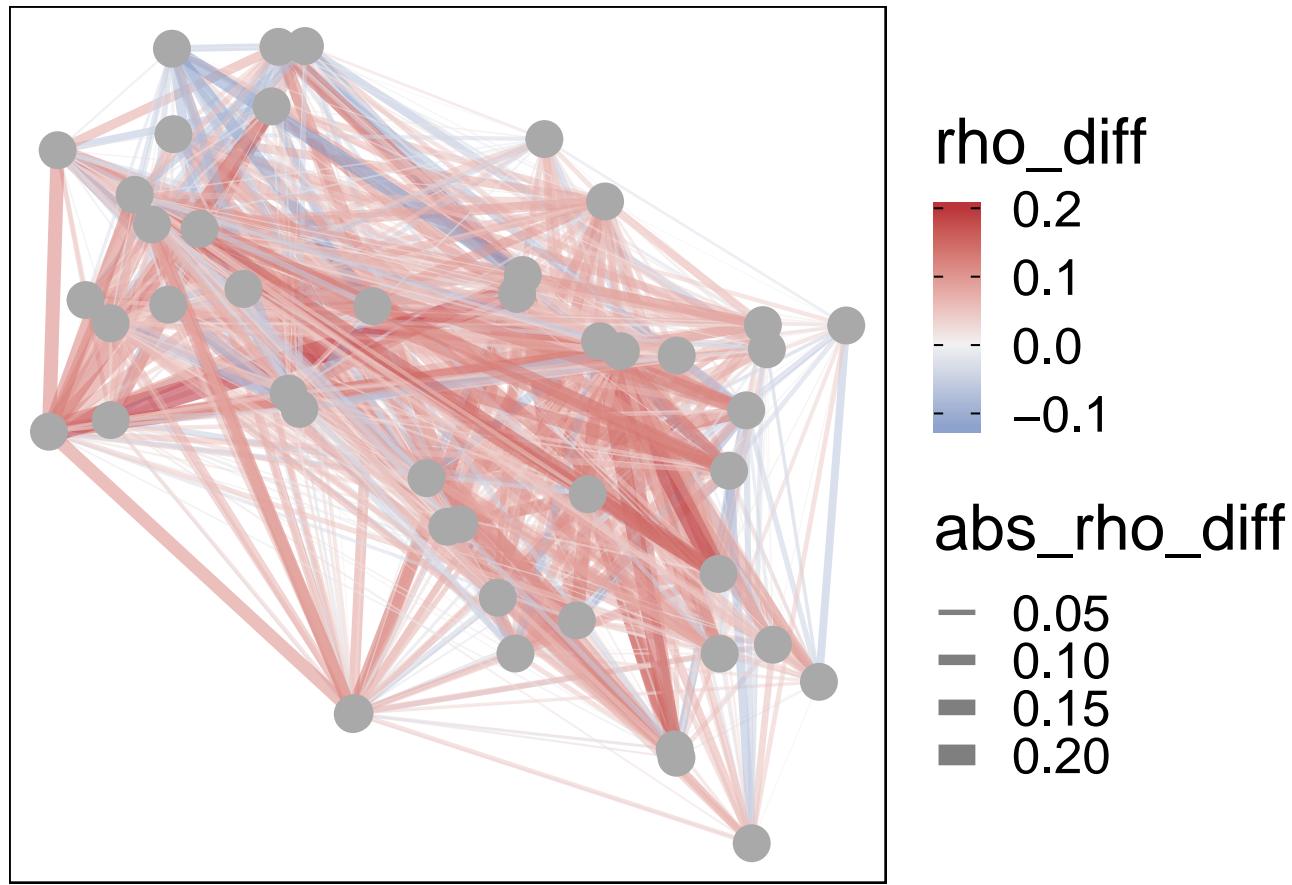
ivh_any metabolite values



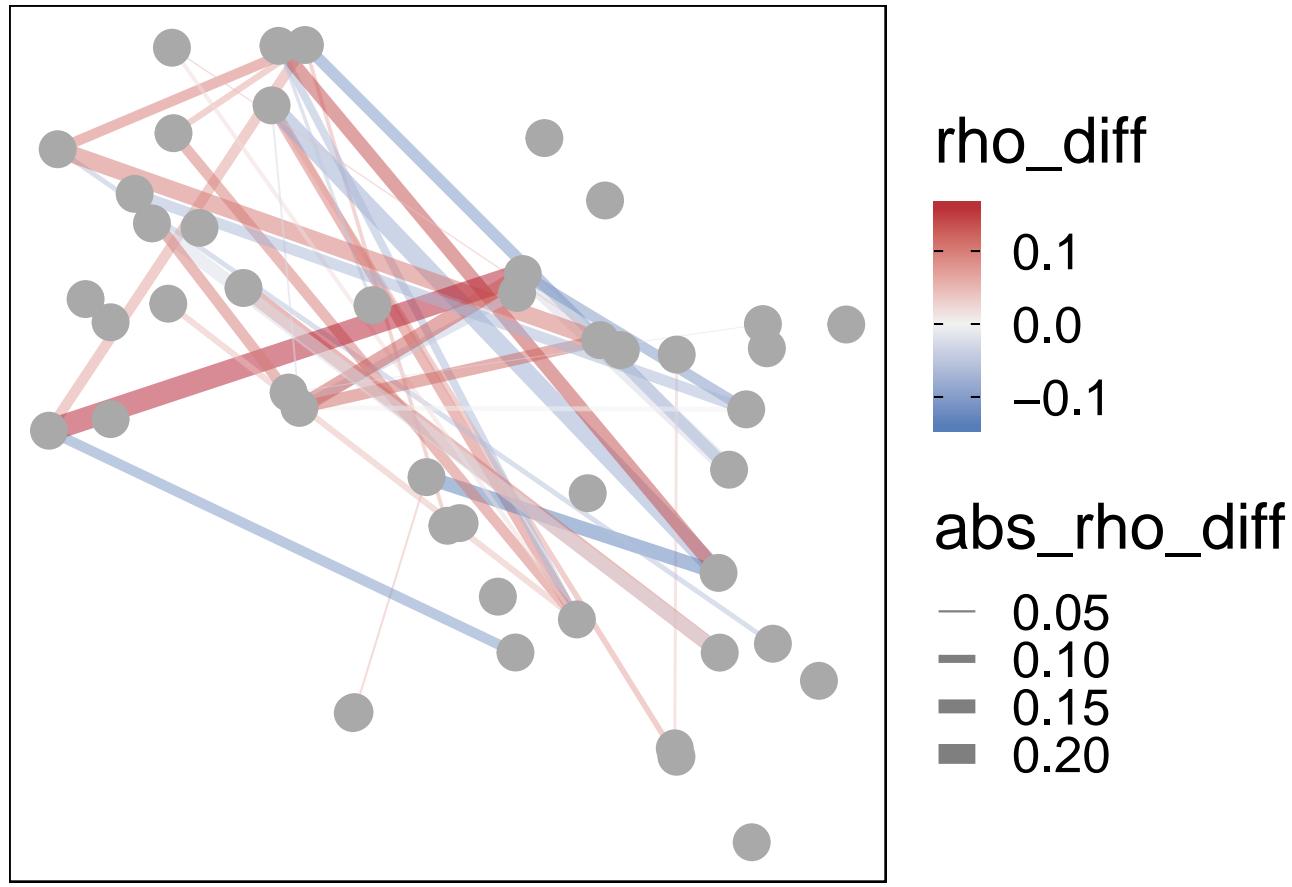
ivh_any metabolite values



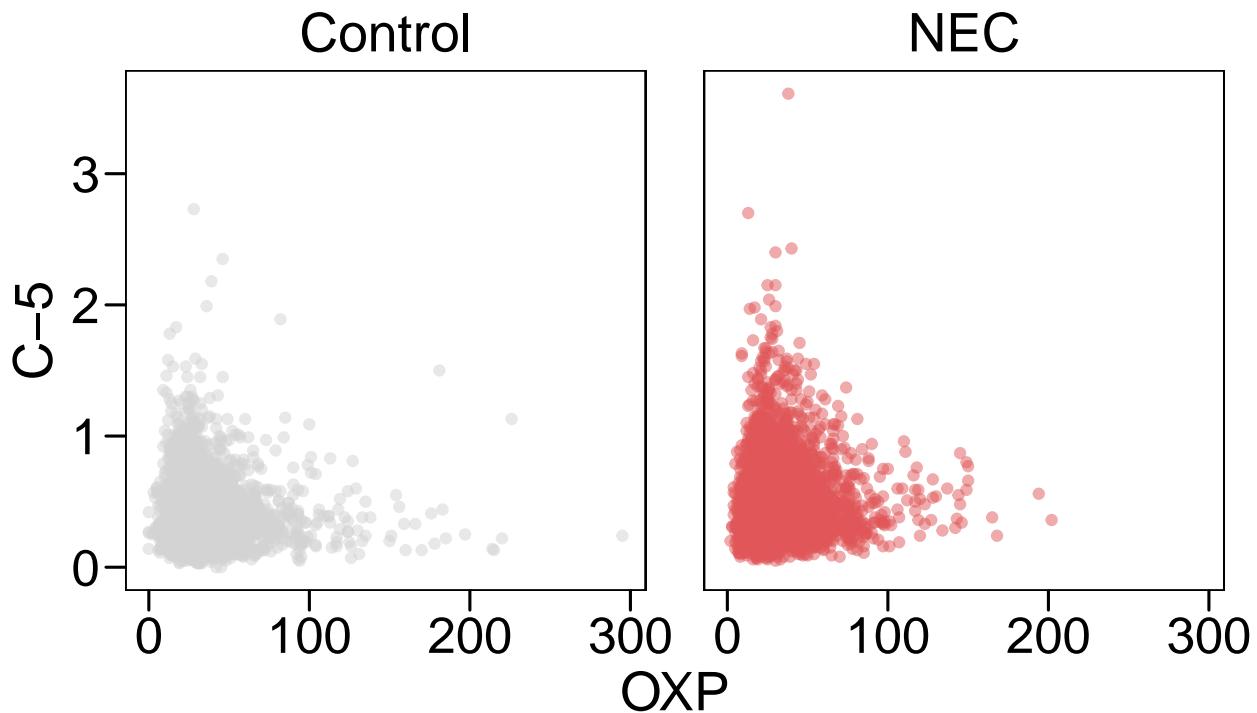
nec_any disruption



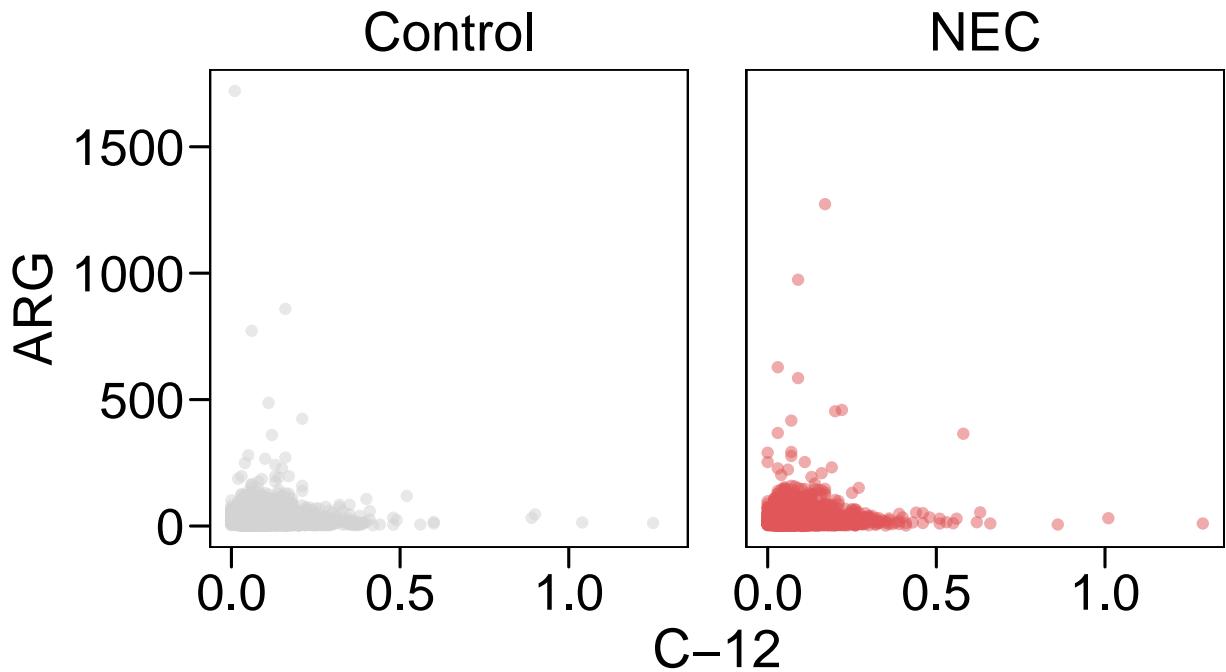
nec_any (flipped directionality)



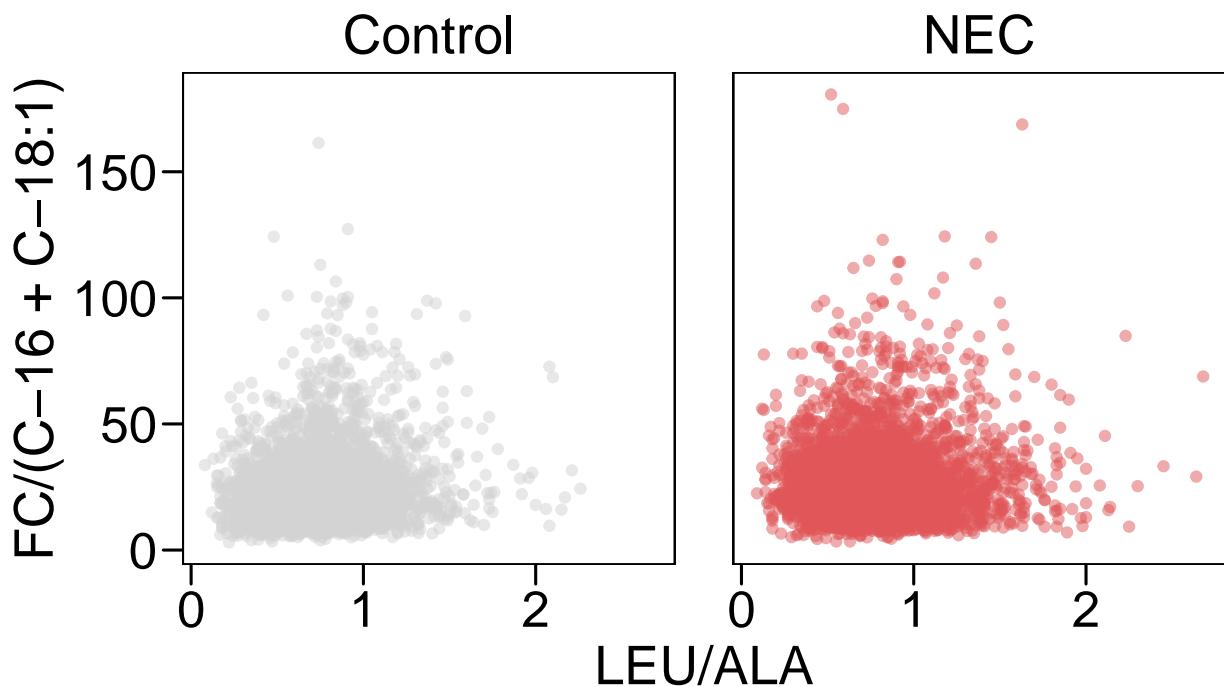
nec_any metabolite values



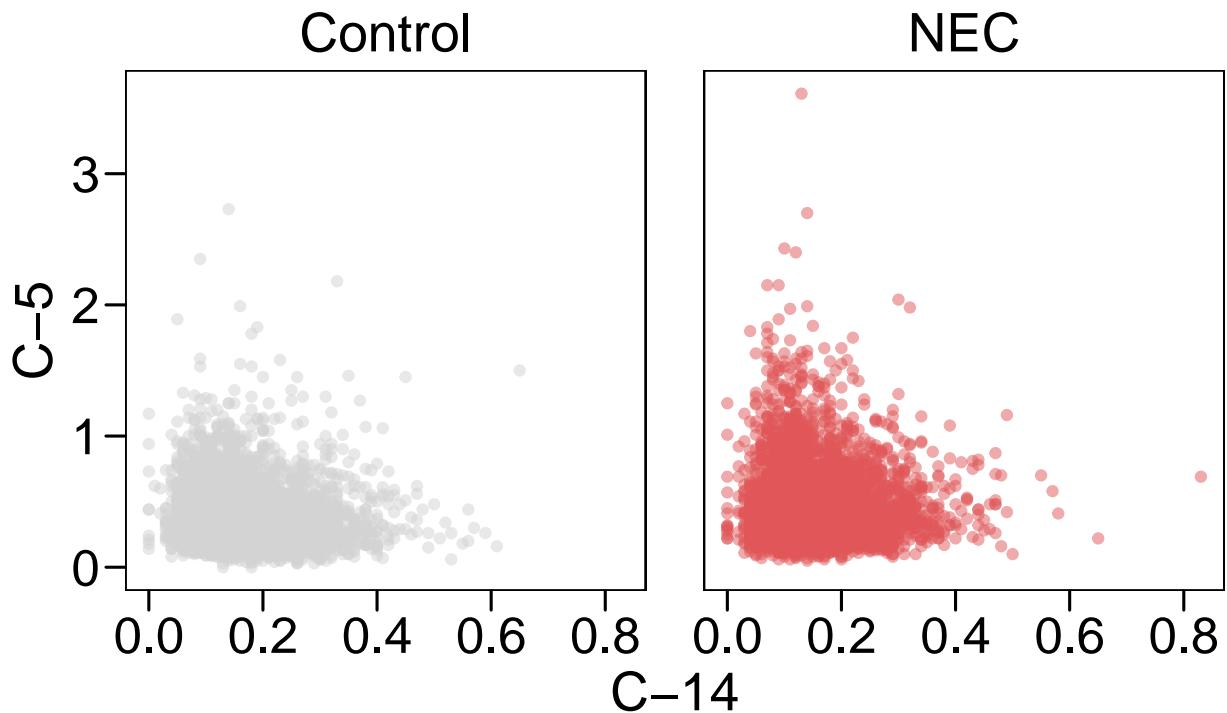
nec_any metabolite values



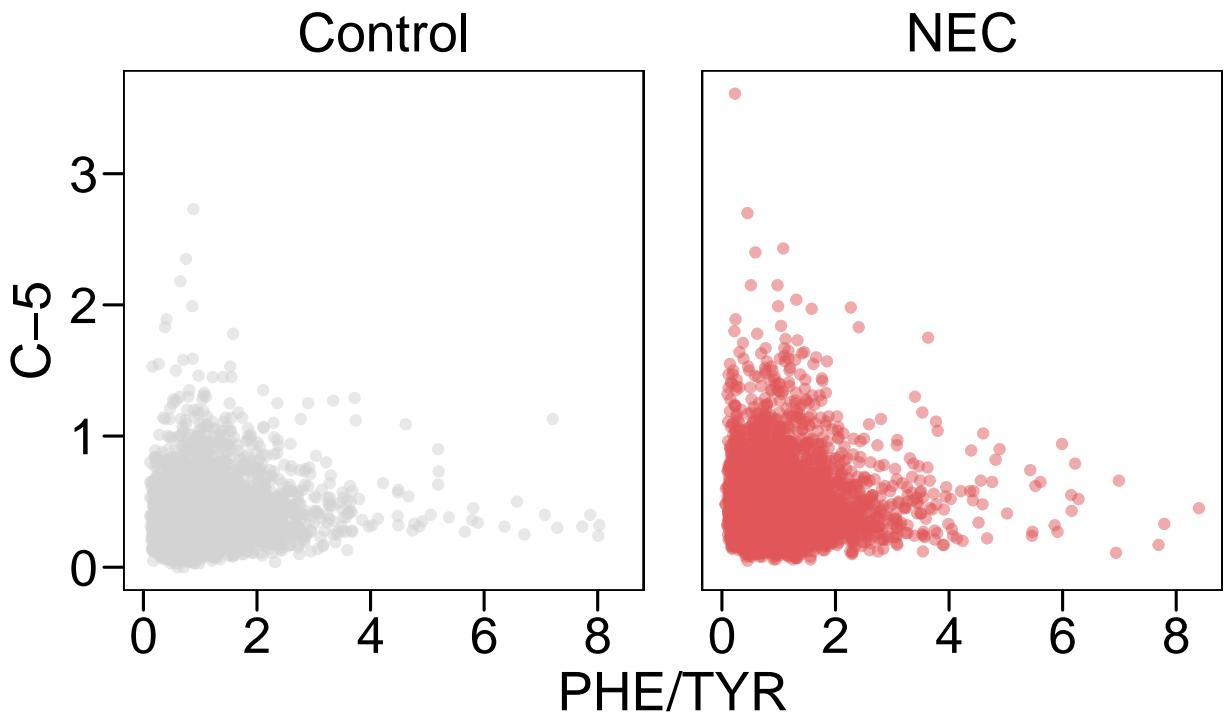
nec_any metabolite values



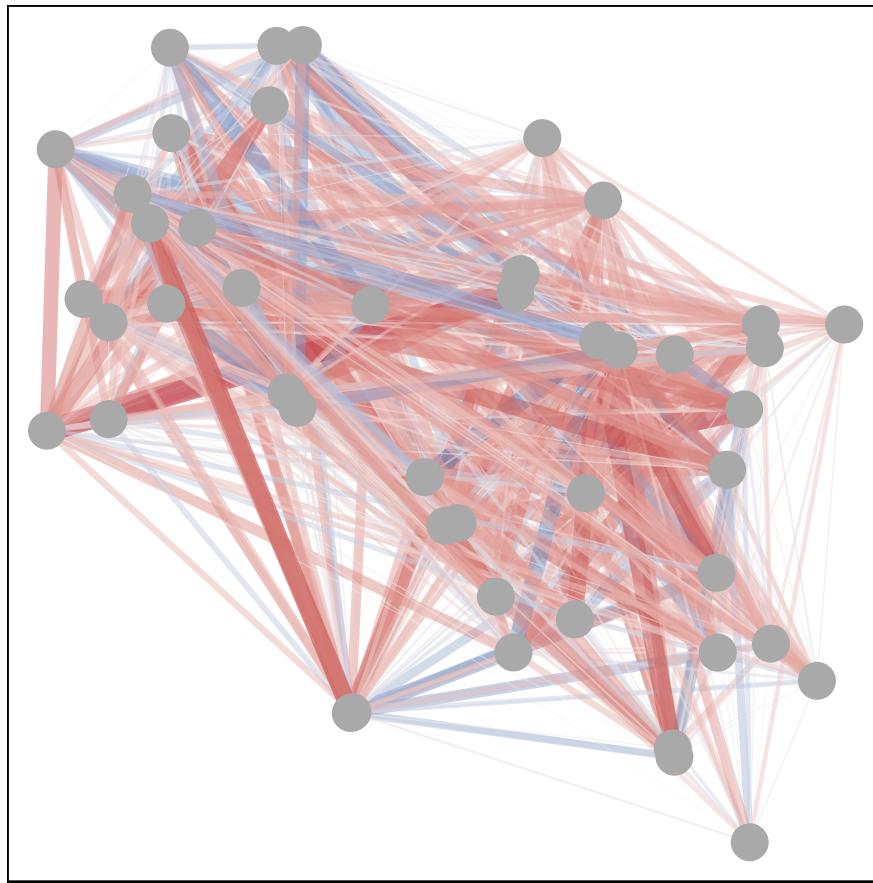
nec_any metabolite values



nec_any metabolite values



rop_any disruption



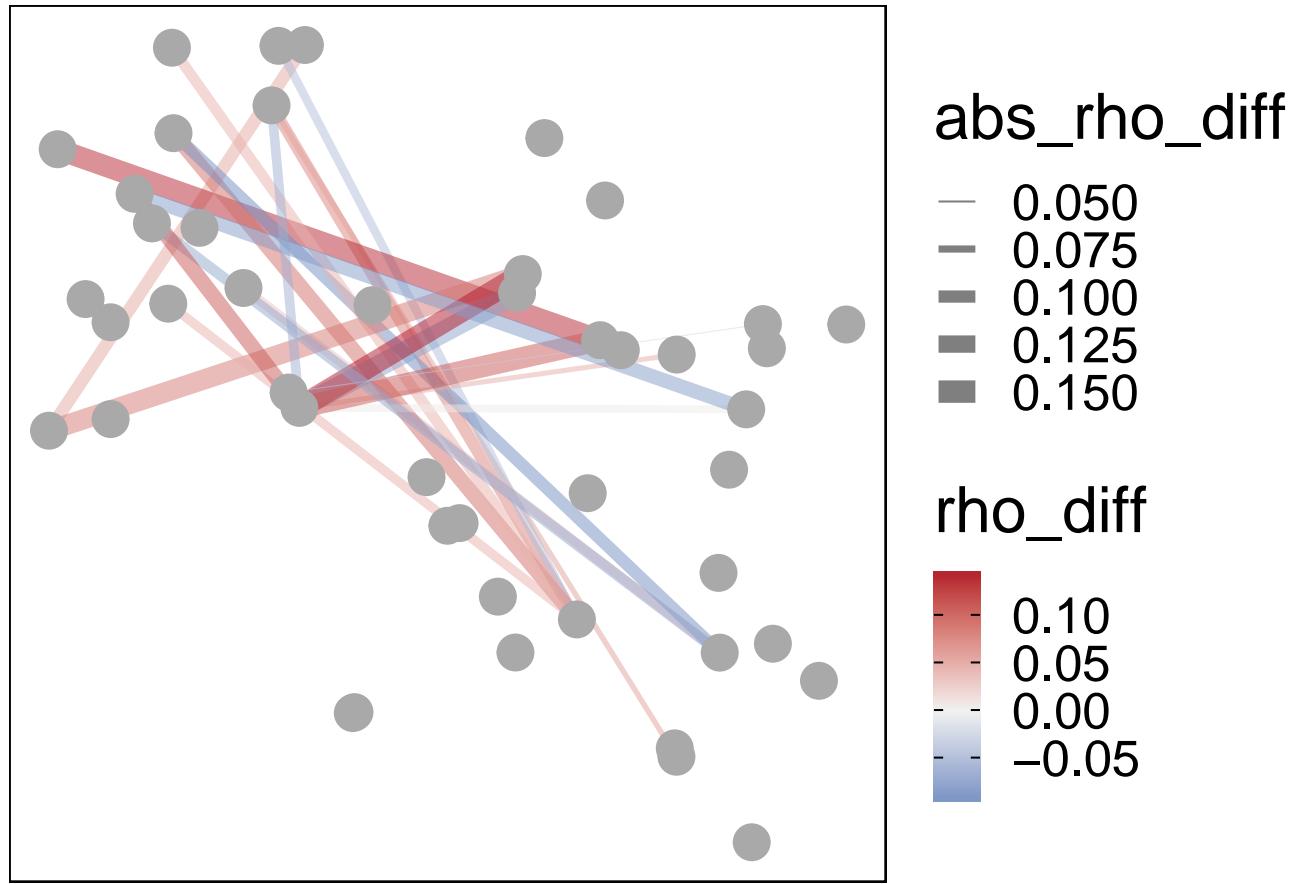
abs_rho_diff

- 0.04
- 0.08
- 0.12

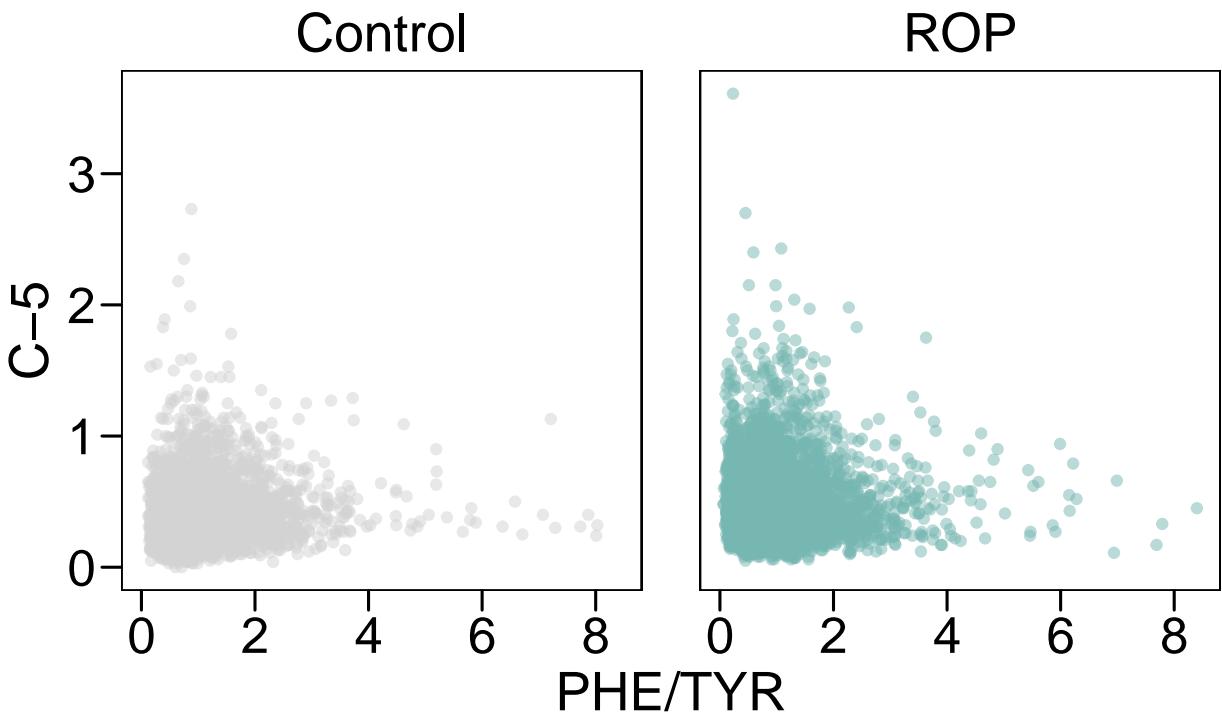
rho_diff

- 0.15
- 0.10
- 0.05
- 0.00
- -0.05
- -0.10

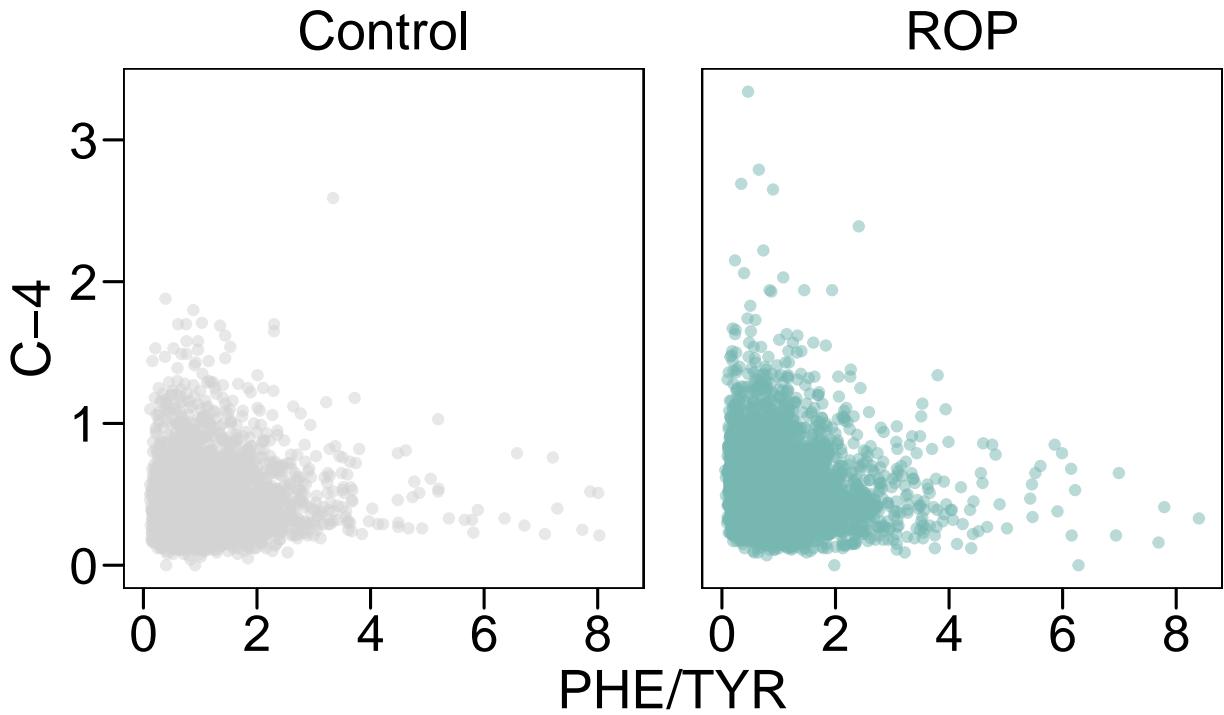
rop_any (flipped directionality)



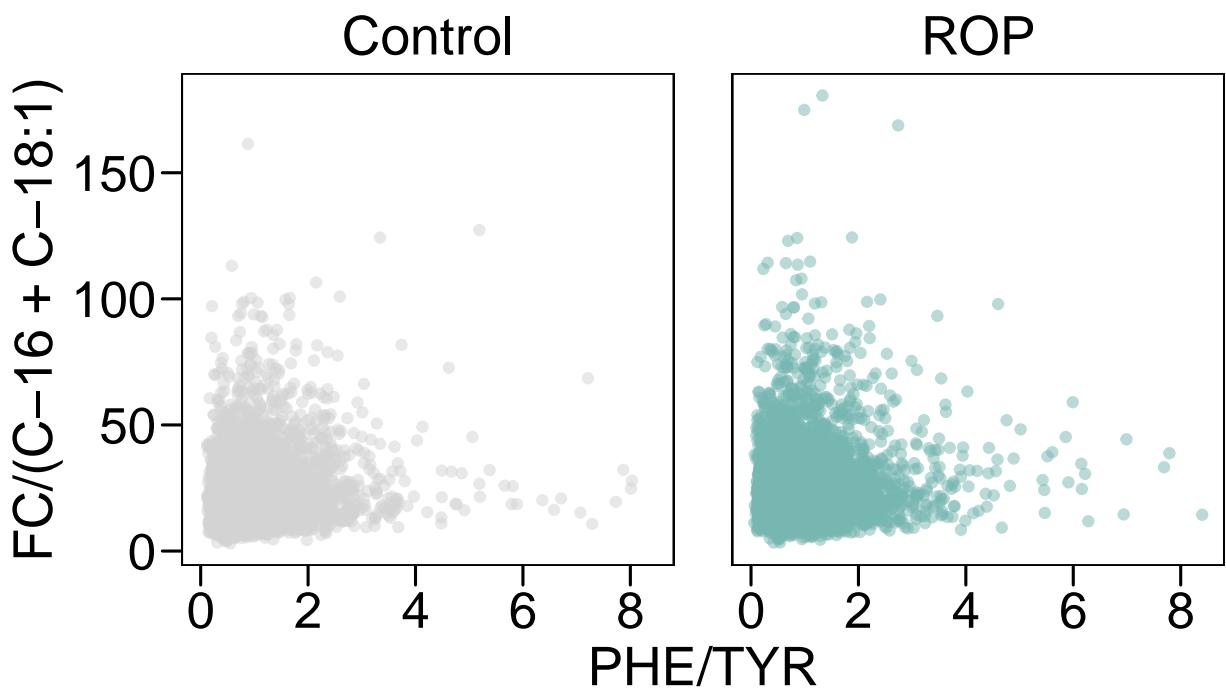
rop_any metabolite values



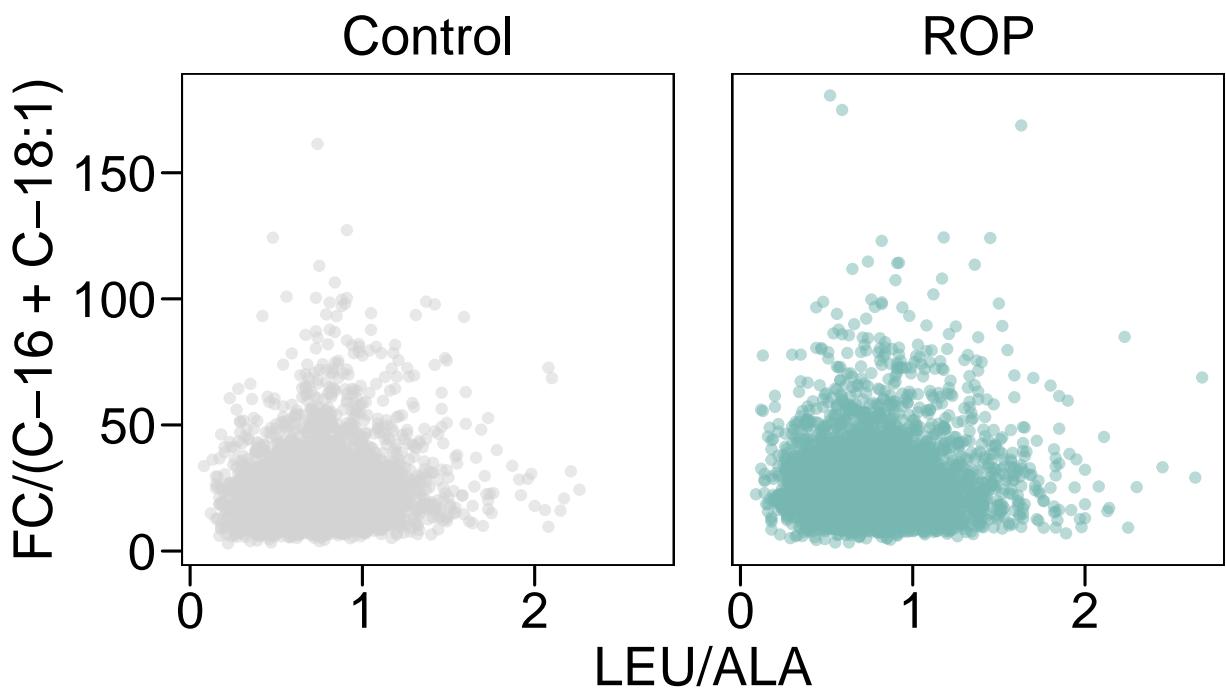
rop_any metabolite values



rop_any metabolite values



rop_any metabolite values



rop_any metabolite values

