

Supplementary Material

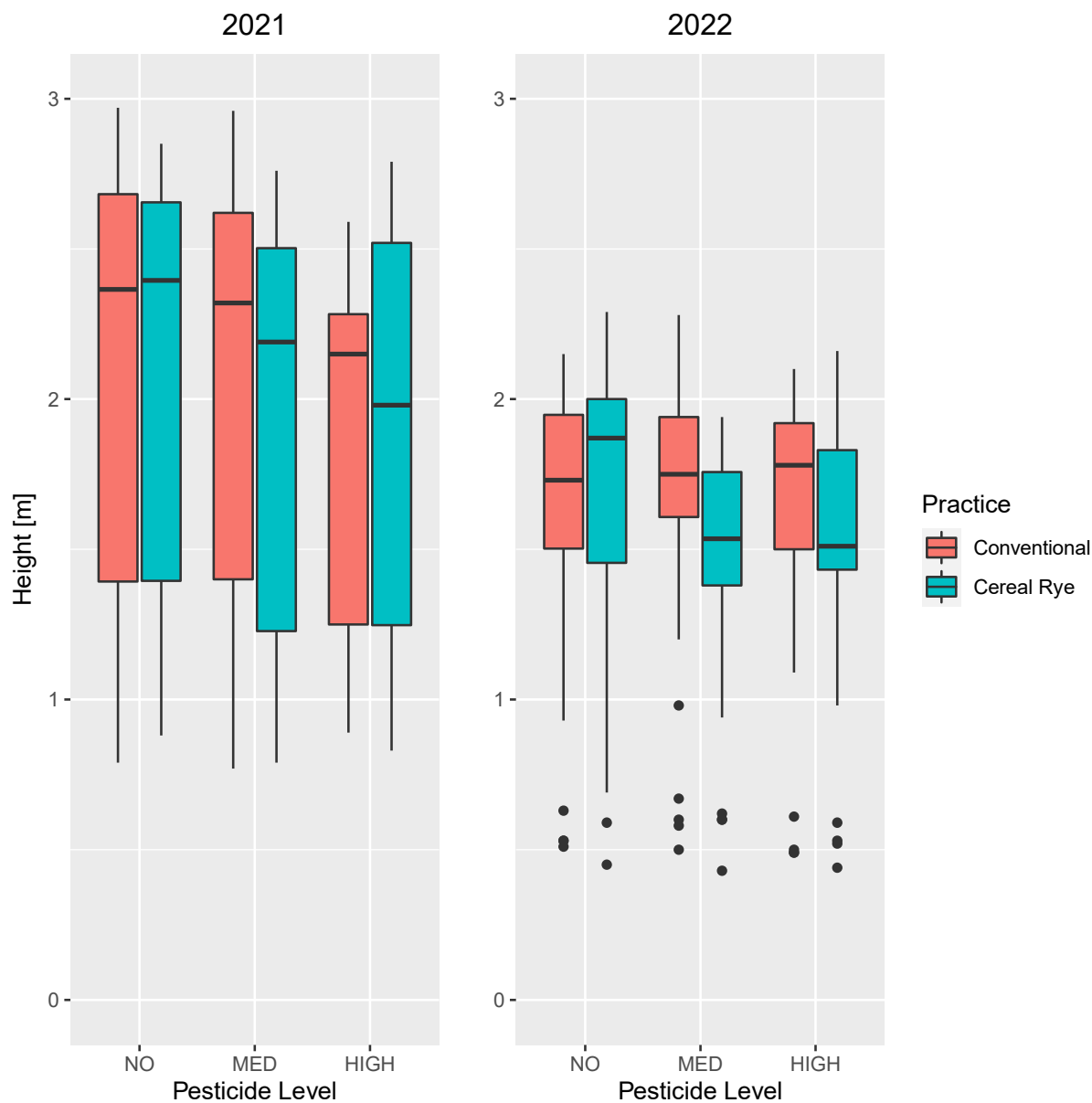


Figure 1. Corn height [m] in 2021 (left) and 2022 (right) for conventional plots (red); and for cereal rye cover crop plots (green).

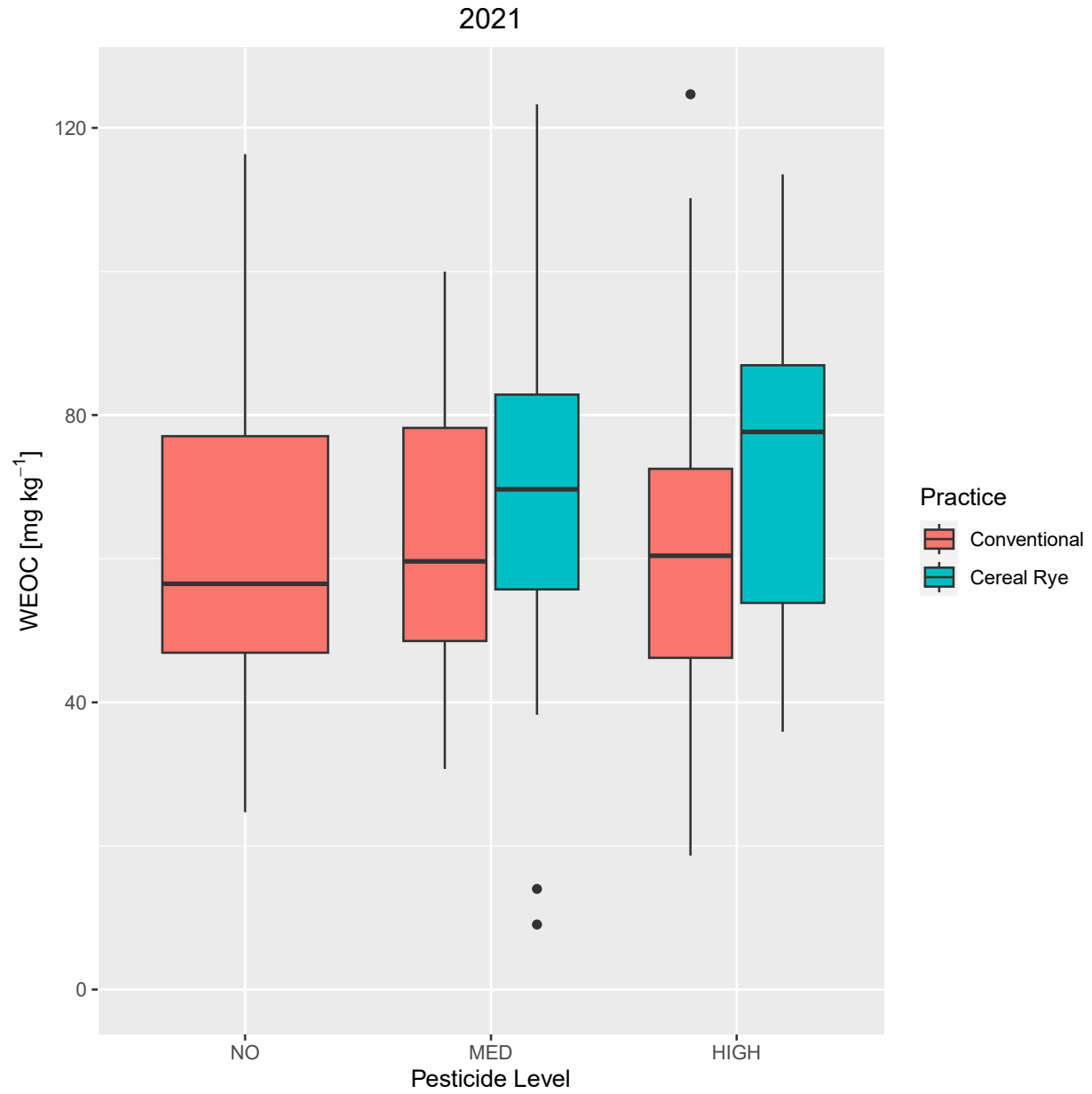


Figure 2. WEOC in non-directly fertilized plots for each type of agricultural practices (conventional in red and cereal rye in green) and pesticide input levels (no, med, and high) in 2021

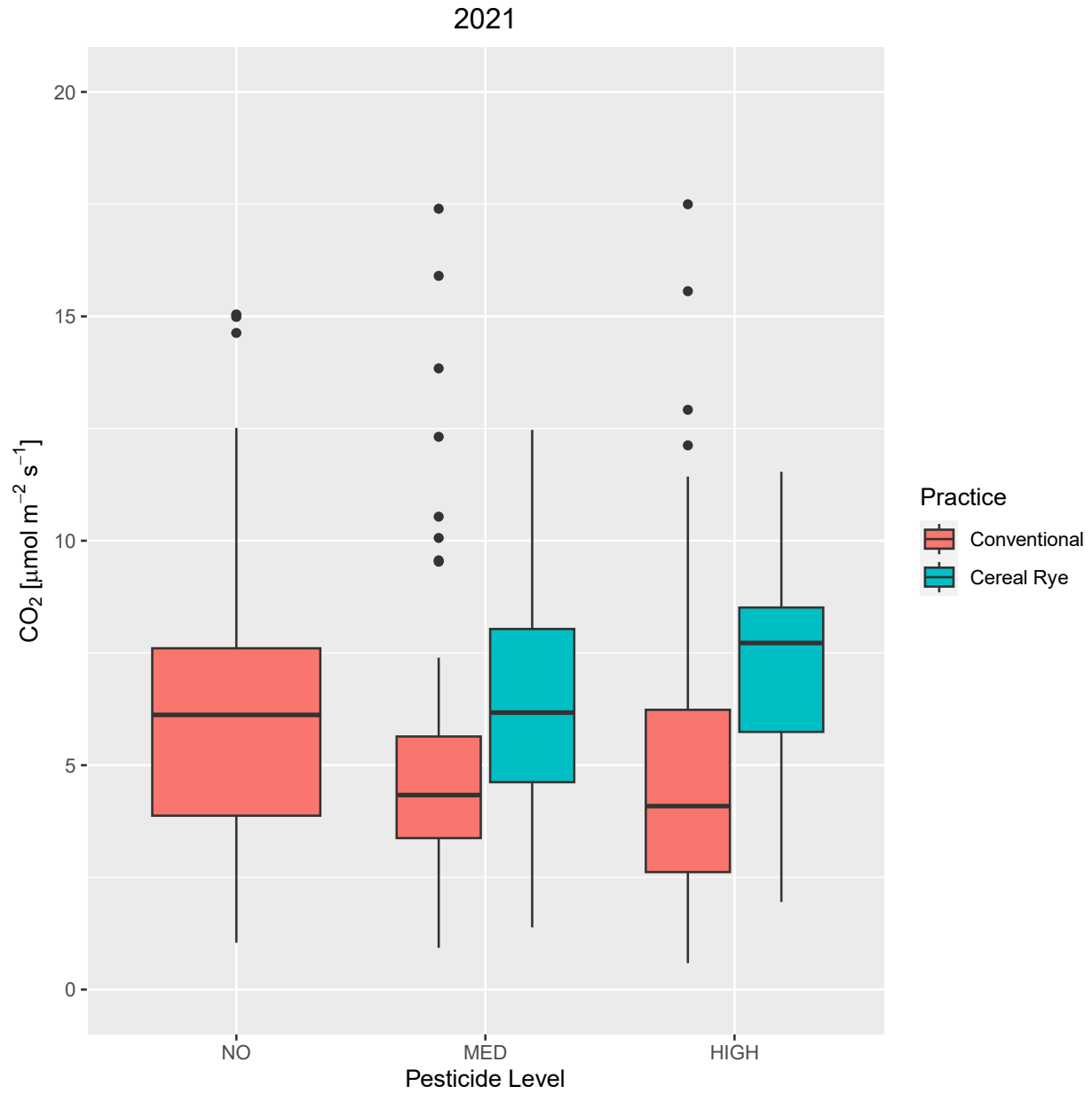


Figure 3. Soil CO₂ fluxes in non-directly fertilized plots for each type of agricultural practices (conventional in red and cereal rye in green) and pesticide input levels (no, med, and high) in 2021

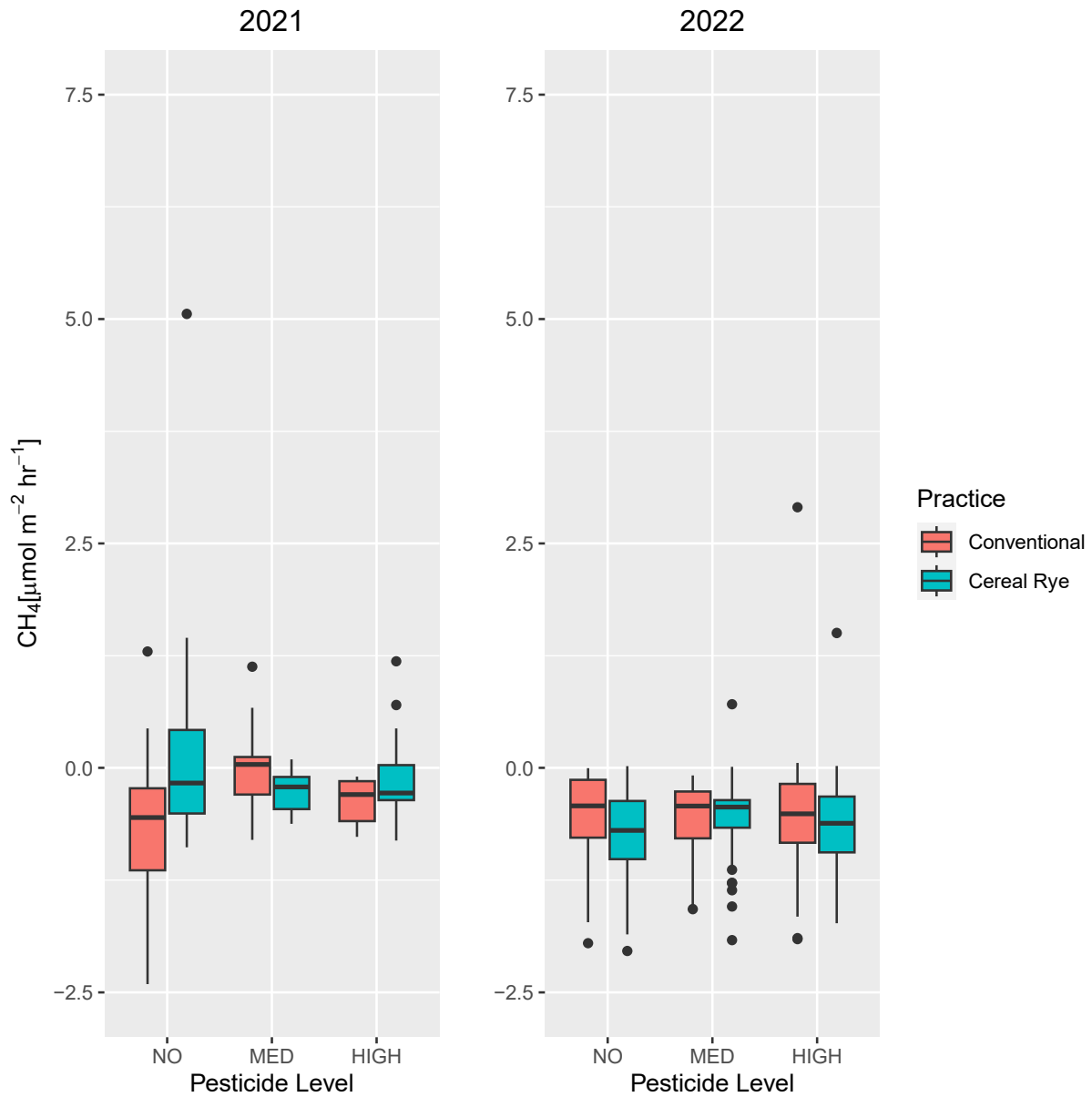


Figure 4. Soil CH₄ fluxes in directly fertilized plots excluding Plot 202 for each type of agricultural practices (conventional in red and cereal rye in green) and pesticide input levels (no, med, and high) in 2021