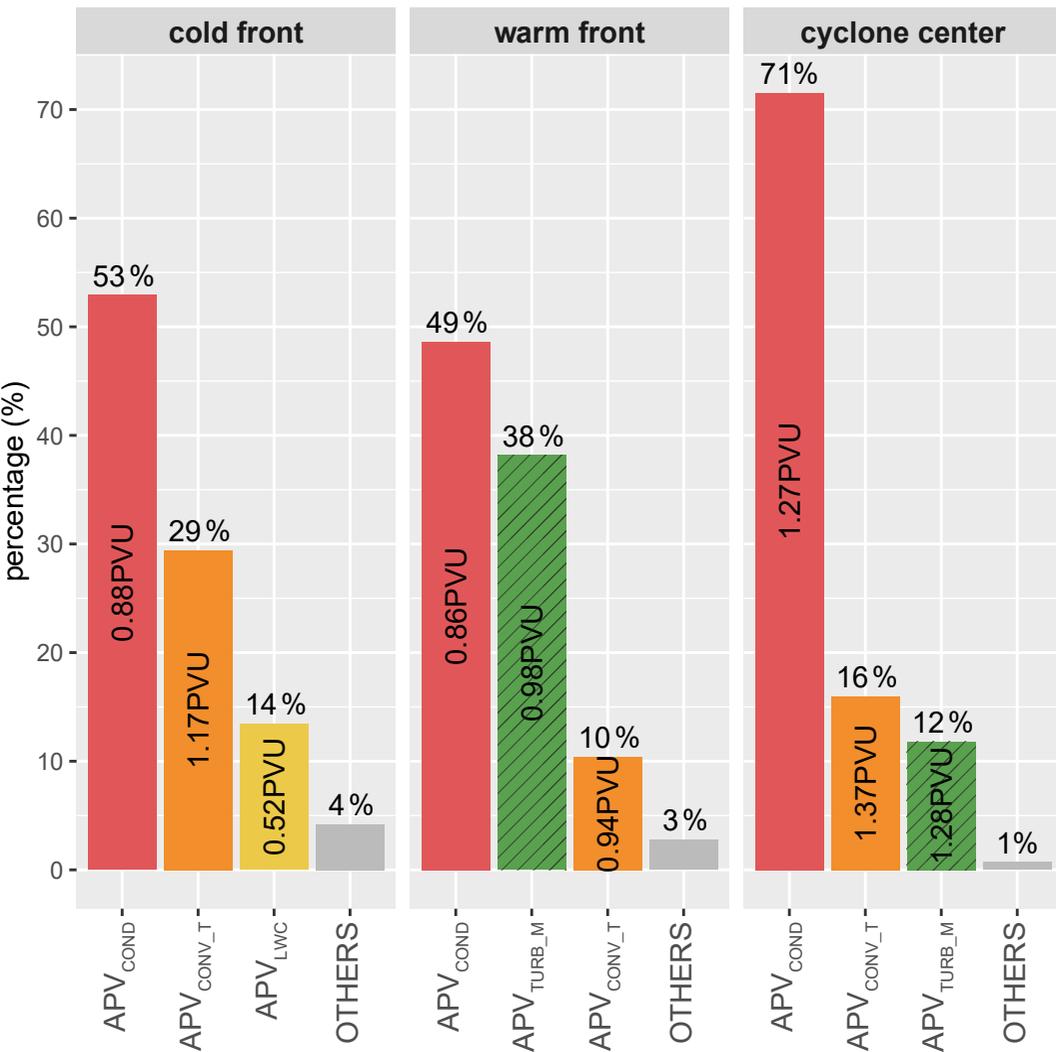**(a)** positive PV anomaly (PV ≥1 PVU)

(b) negative PV anomaly (PV ≤−0.1 PVU)