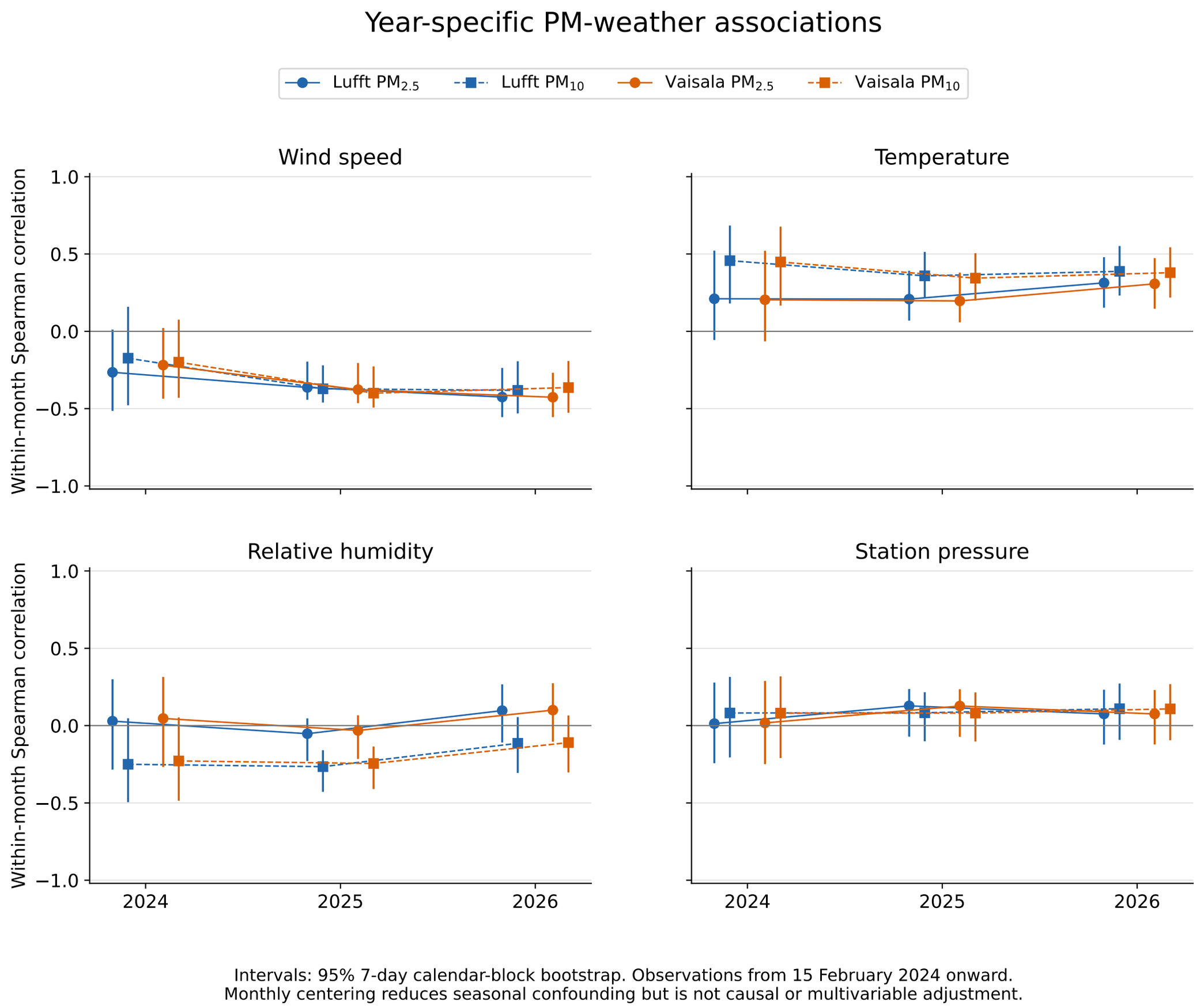

Year-specific PM-weather associations
Lufft PM2.5
Lufft PM10
Vaisala PM2.5
Vaisala PM10
Wind speed
Temperature
Relative humidity
Station pressure
Within-month Spearman correlation
1.0
0.5
0.0
−0.5
−1.0
2024
2025
2026
Intervals: 95% 7-day calendar-block bootstrap. Observations from 15 February 2024 onward.
Monthly centering reduces seasonal confounding but is not causal or multivariable adjustment.