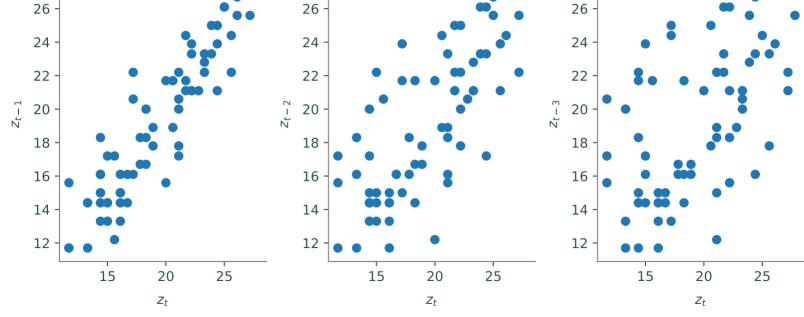Correlations of Weather Data