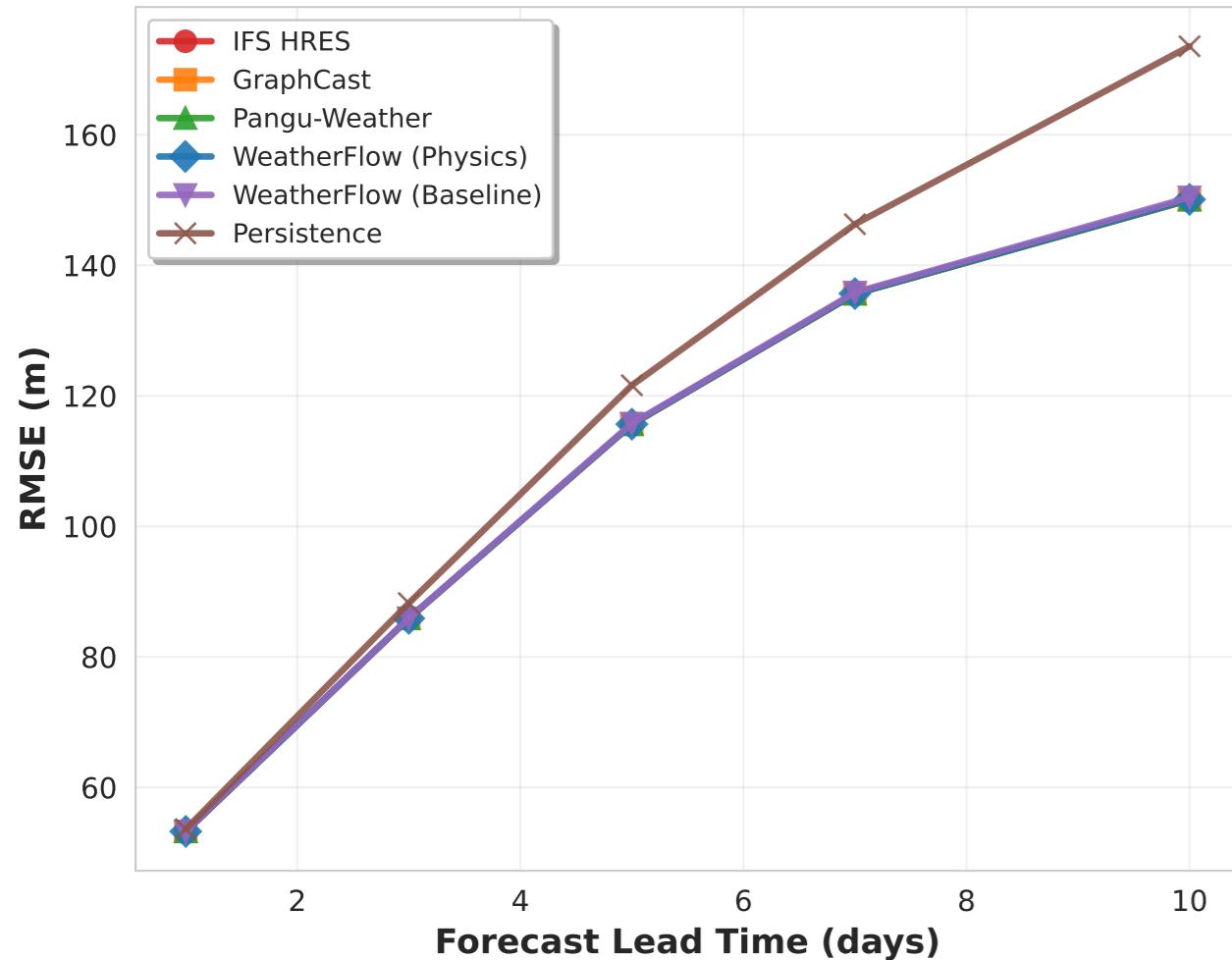
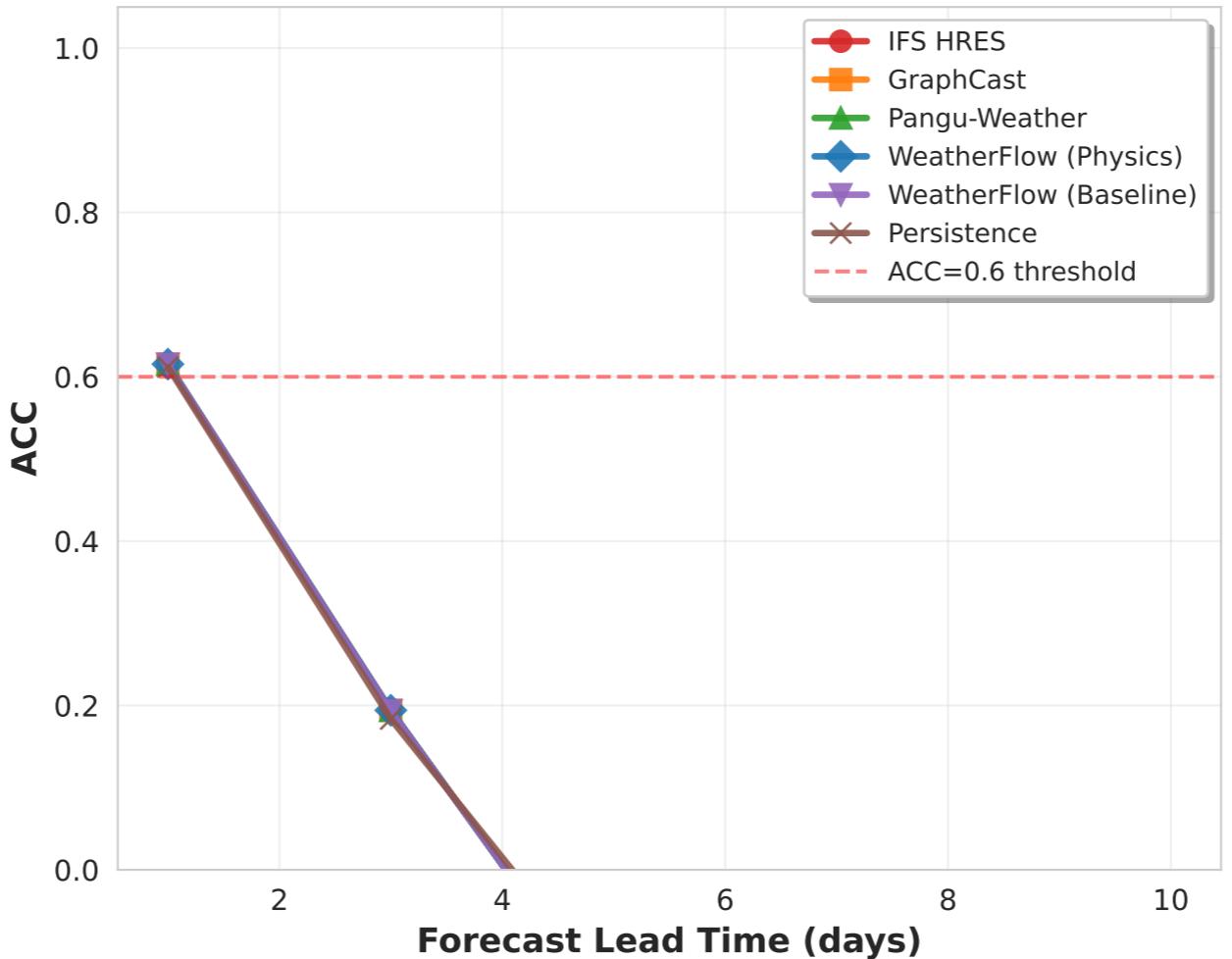


# WeatherBench2 Evaluation: WeatherFlow vs State-of-the-Art ERA5 Test Set (2019-2020) | Medium-Range Forecasting (1-10 days)

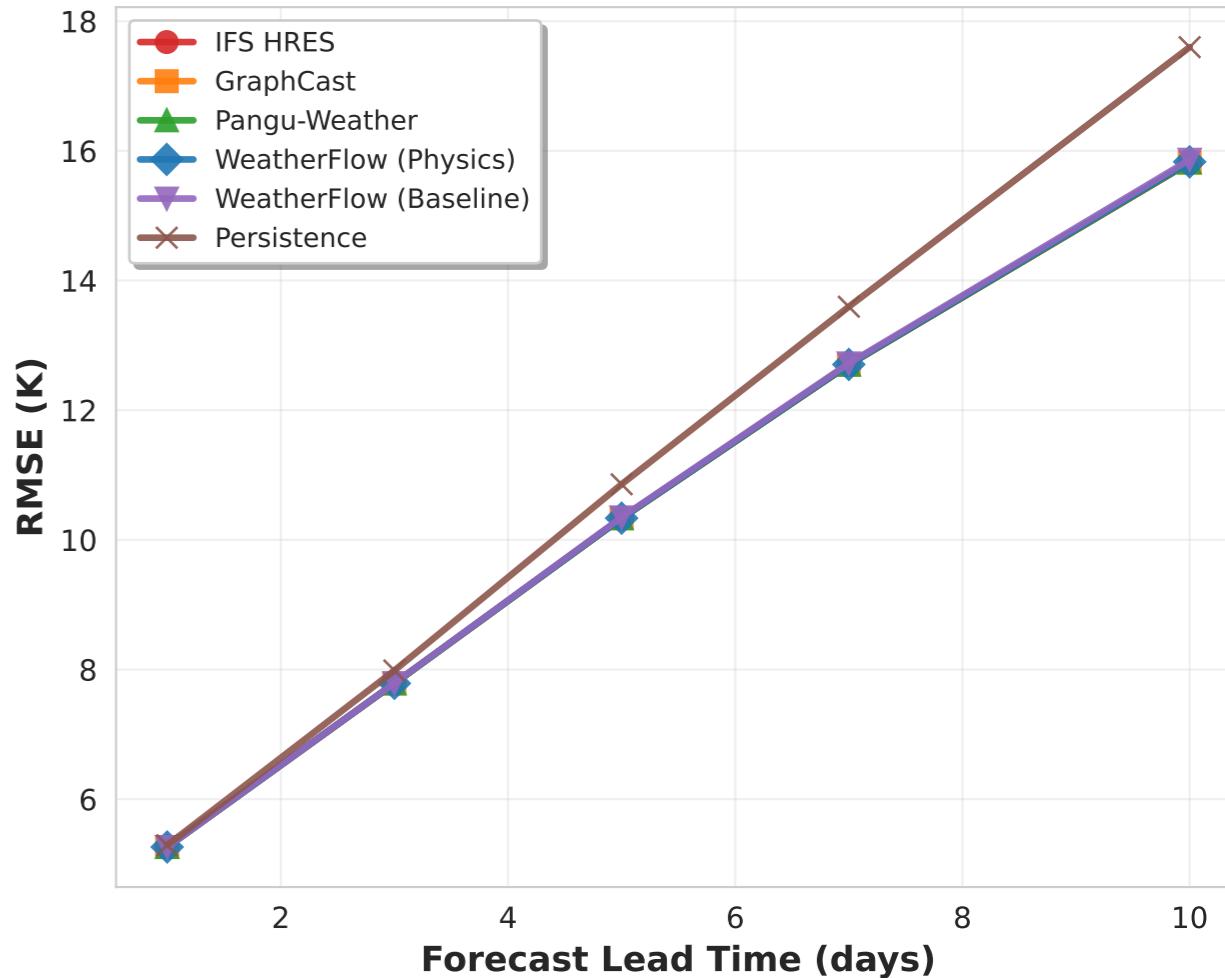
**Z500 (500 hPa Geopotential) RMSE**



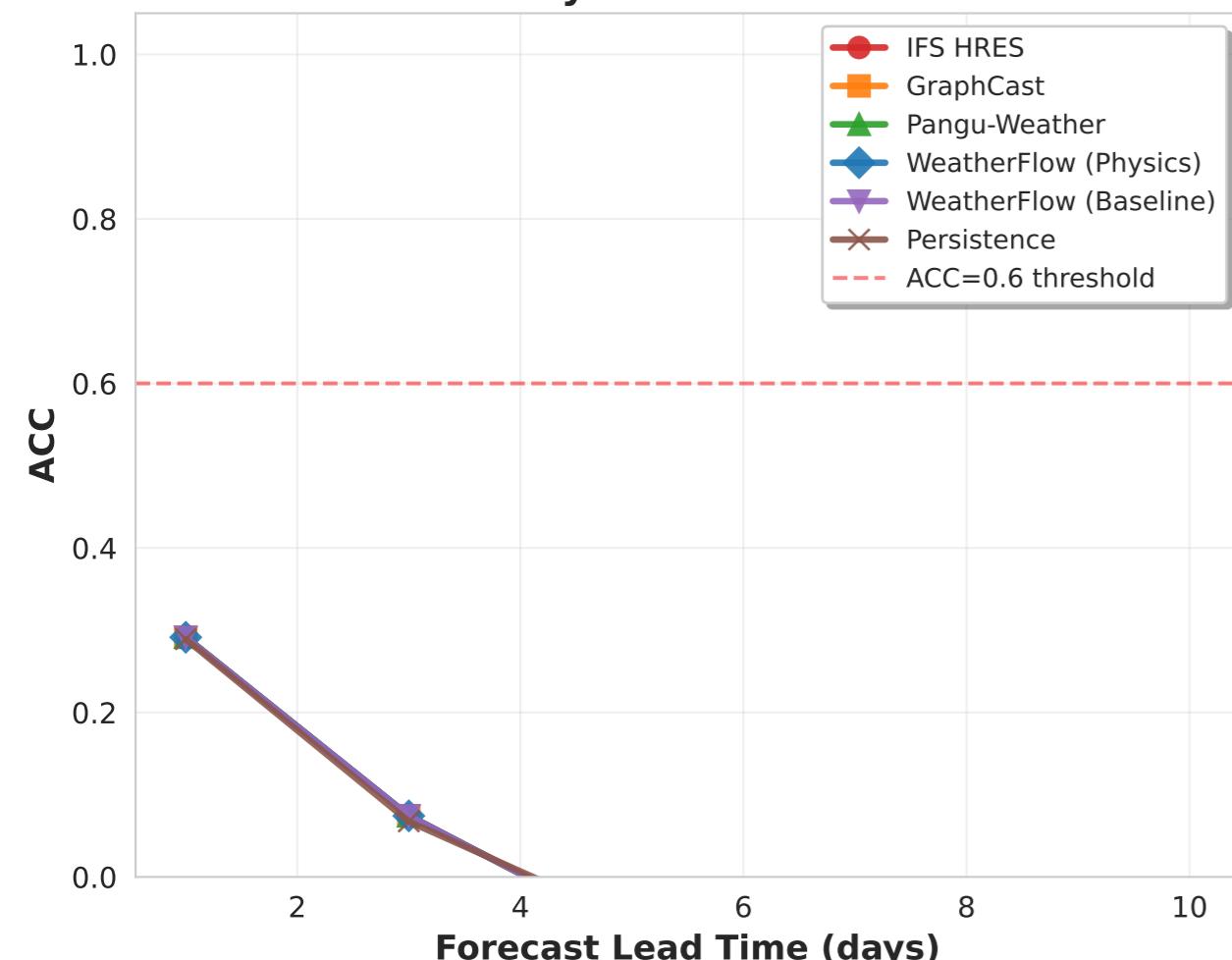
**Z500 Anomaly Correlation Coefficient**



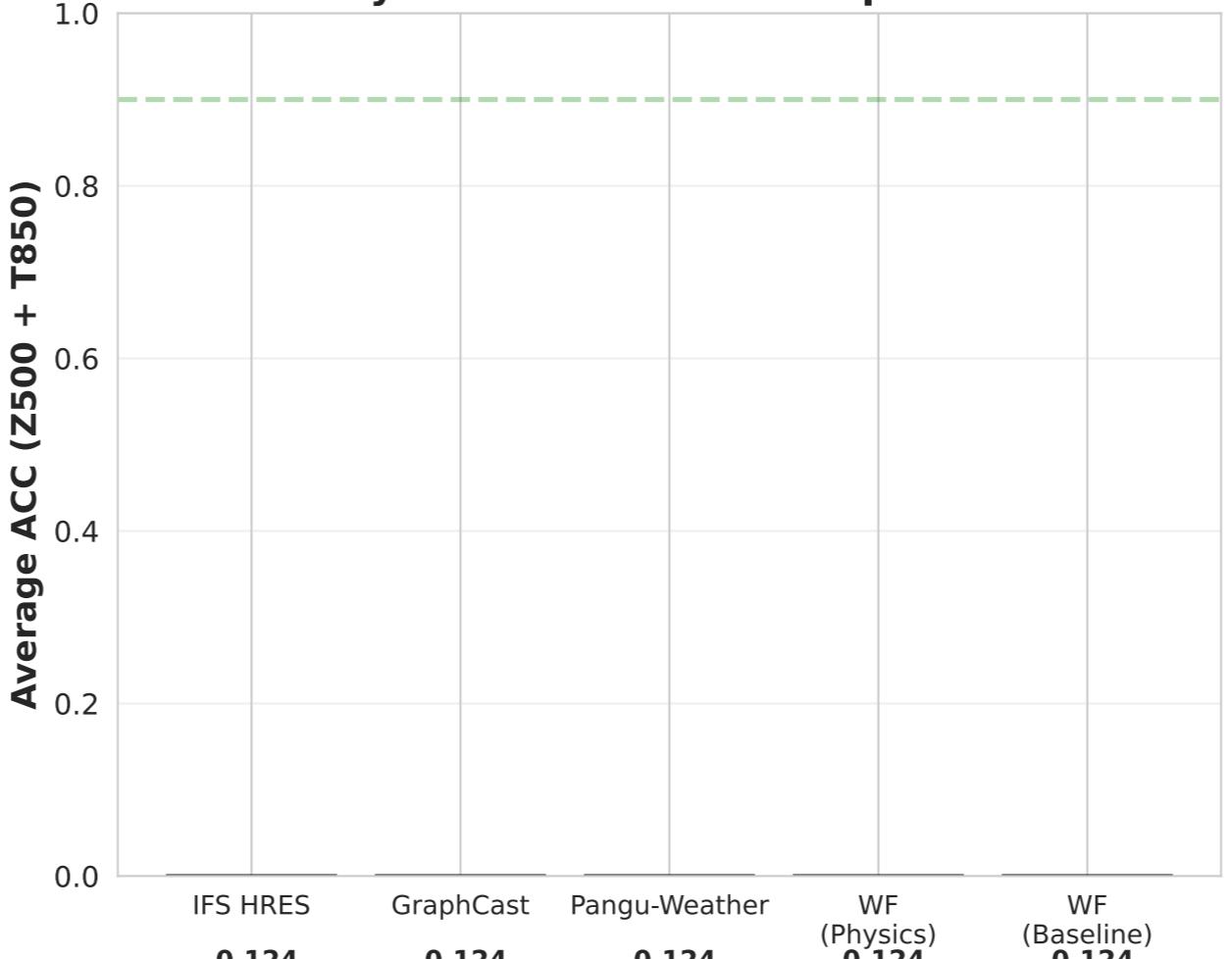
**T850 (850 hPa Temperature) RMSE**



**T850 Anomaly Correlation Coefficient**



**Day-5 Forecast Skill Comparison**



**Skill Relative to IFS HRES (%)**

Model	Day-1	Day-5	Day-10
IFS HRES	100.0%	100.0%	100.0%
GraphCast	100.0%	100.0%	100.0%
Pangu-Weather	100.0%	100.0%	100.1%
WF (Physics)	100.0%	99.7%	99.7%
WF (Baseline)	100.0%	99.9%	98.0%