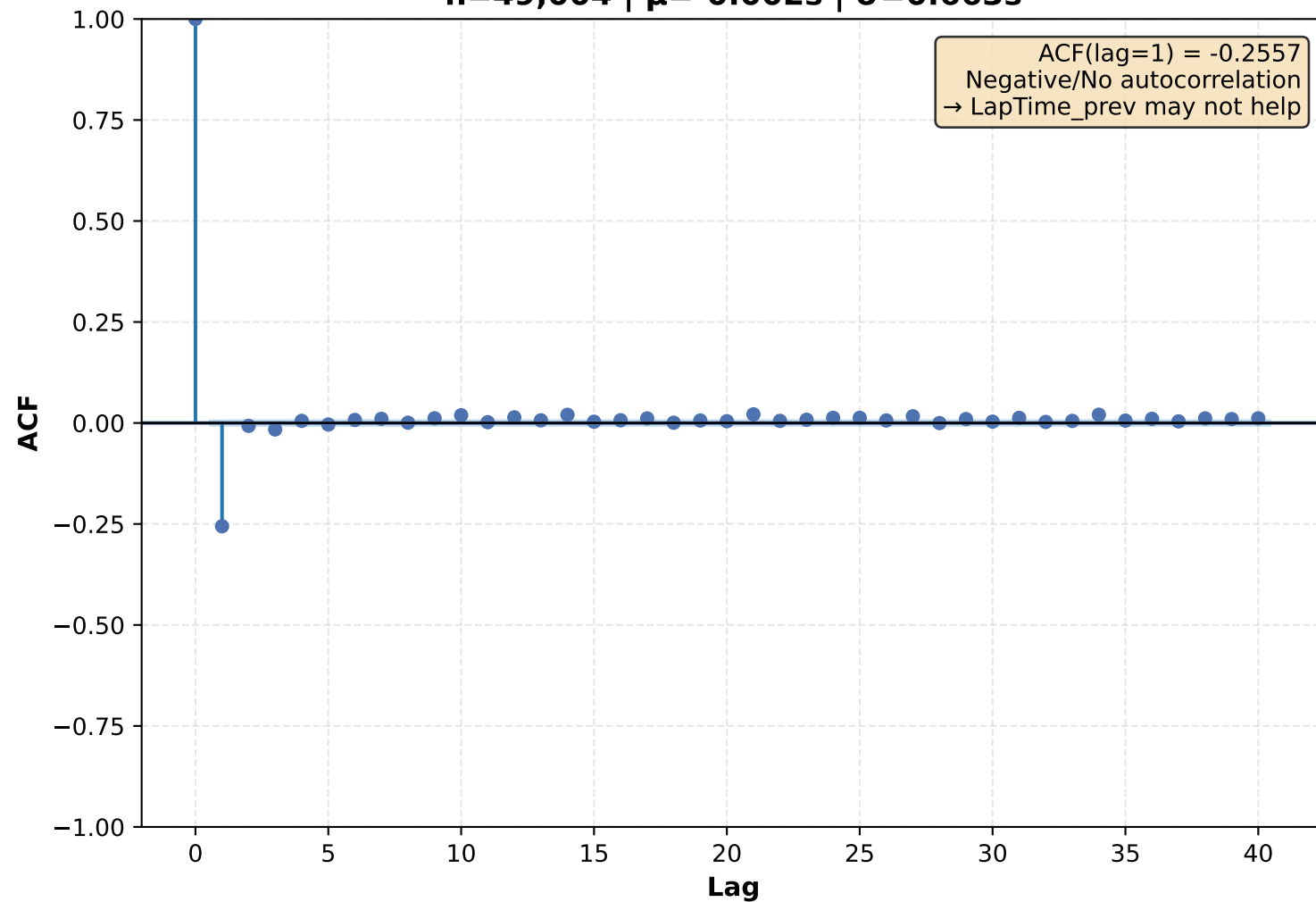


Autocorrelation Analysis: Δ LapTime and Baseline Model Residuals

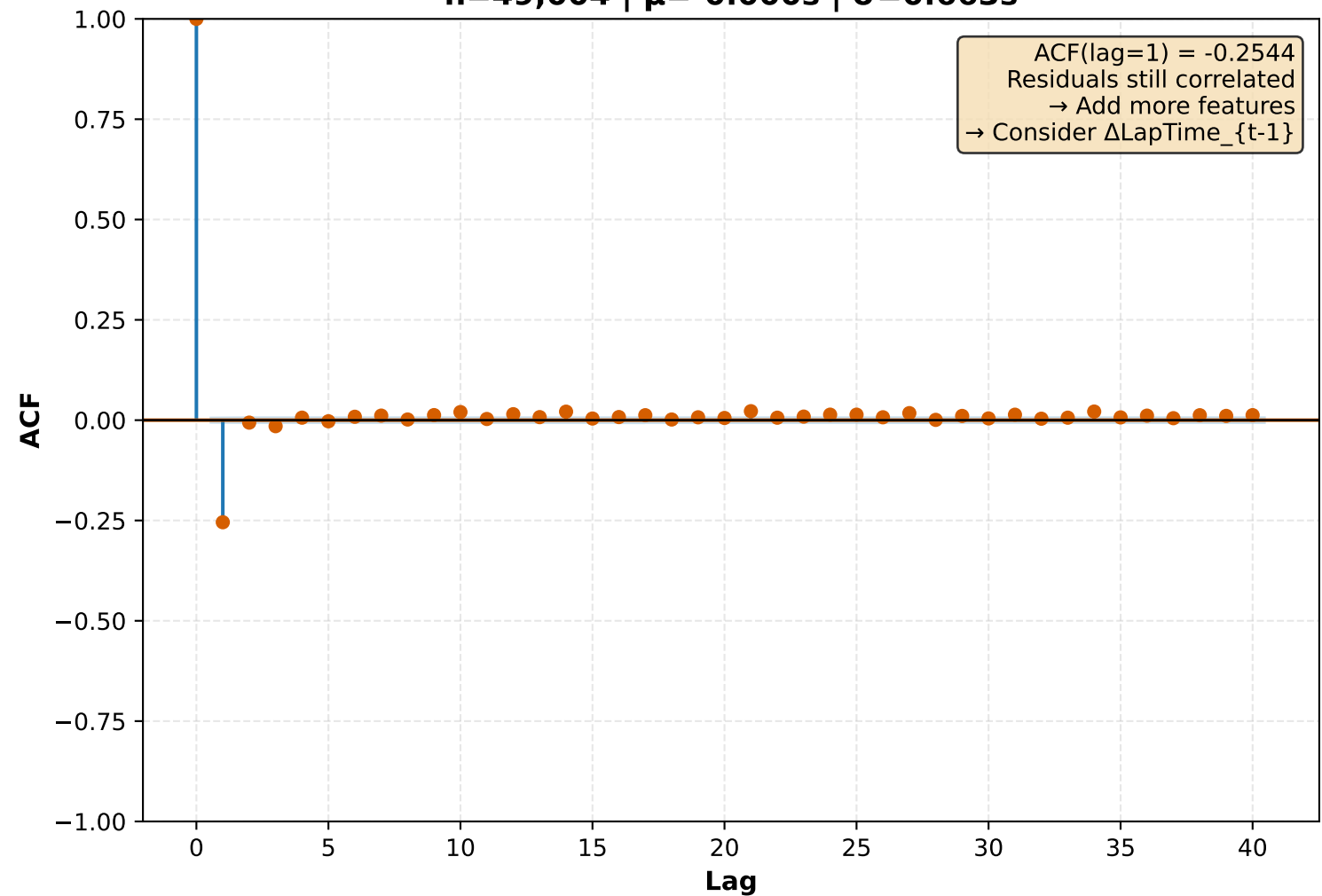
Autocorrelation Function (ACF) of Δ LapTime

n=49,004 | $\mu=-0.002s$ | $\sigma=0.663s$



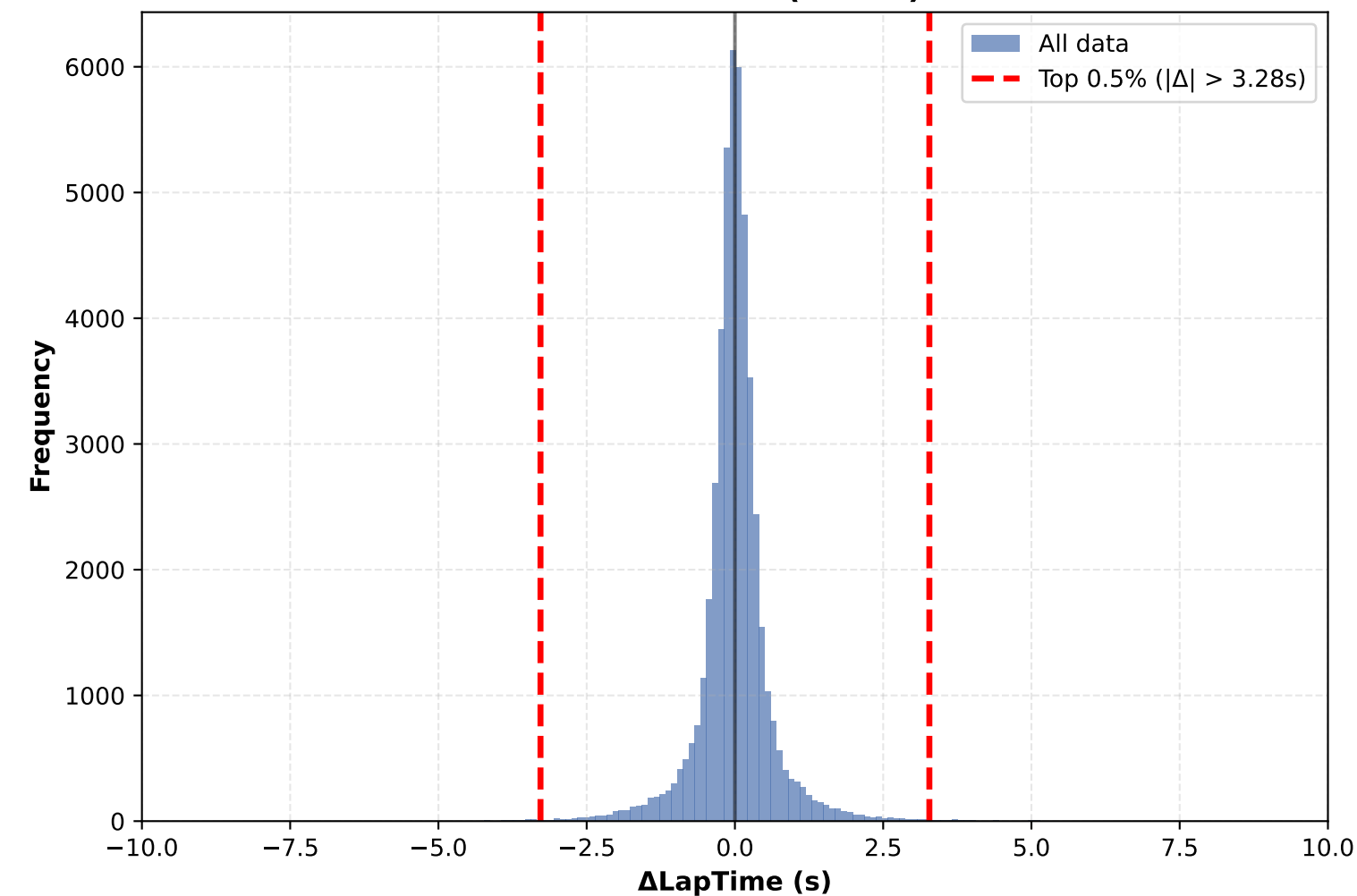
ACF of Residuals (Δ LapTime ~ LapTime_prev)

n=49,004 | $\mu=-0.000s$ | $\sigma=0.663s$



Δ LapTime Distribution with Outliers ($\pm 10s$ view)

Outliers: 531 (1.08%)



Residual Plot: Baseline Model Diagnostics

Check for patterns (should be random around 0)

