Detection Rates by Method

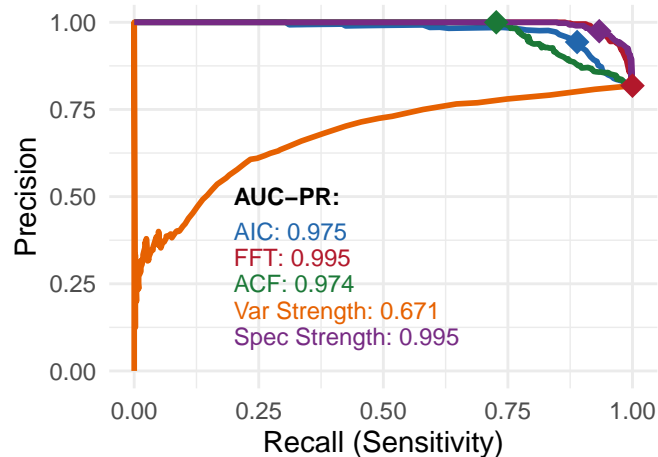Ground truth threshold
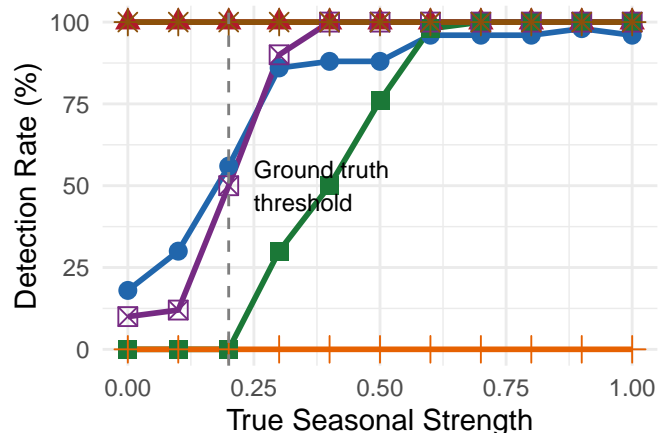
Method: AIC, ACF, Spec Stren, FFT, Var Strength, Basis Auto

F1 Score by Method

AIC 91.5% FFT 90.0% ACF 84.2% Spec Strength 95.3% Basis Auto 90.0%
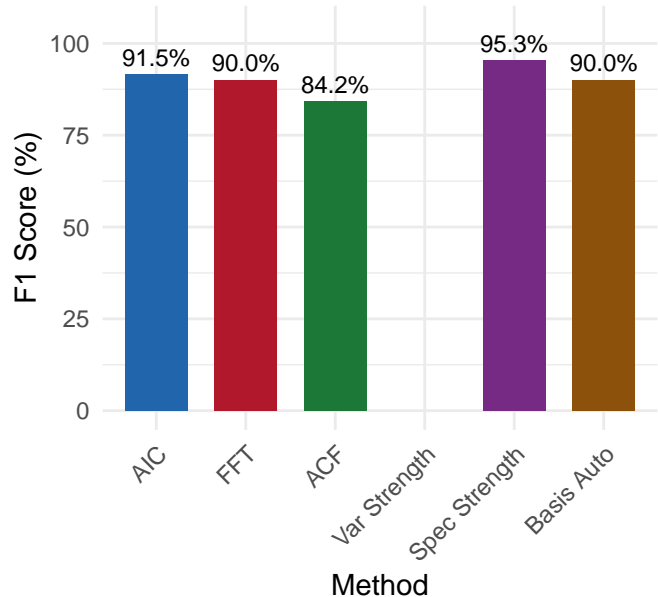
Precision−Recall Curves

Diamonds indicate default threshold operating points

AUC−PR:
AIC: 0.975
FFT: 0.995
ACF: 0.974
Var Strength: 0.671
Spec Strength: 0.995

Method: AIC, FFT, ACF, Var Strength

Precision vs Recall (Default Threshold)

ACF, Spec Strength, AIC, Basis Auto, FFT
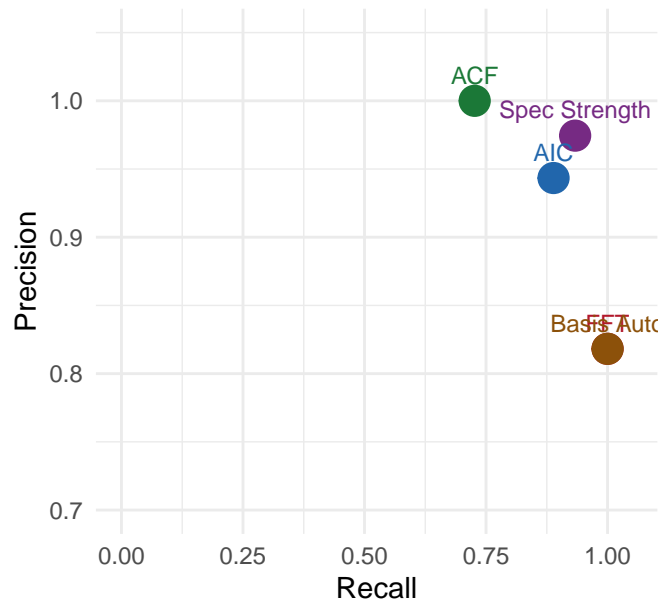
Score Distributions by Seasonal Strength
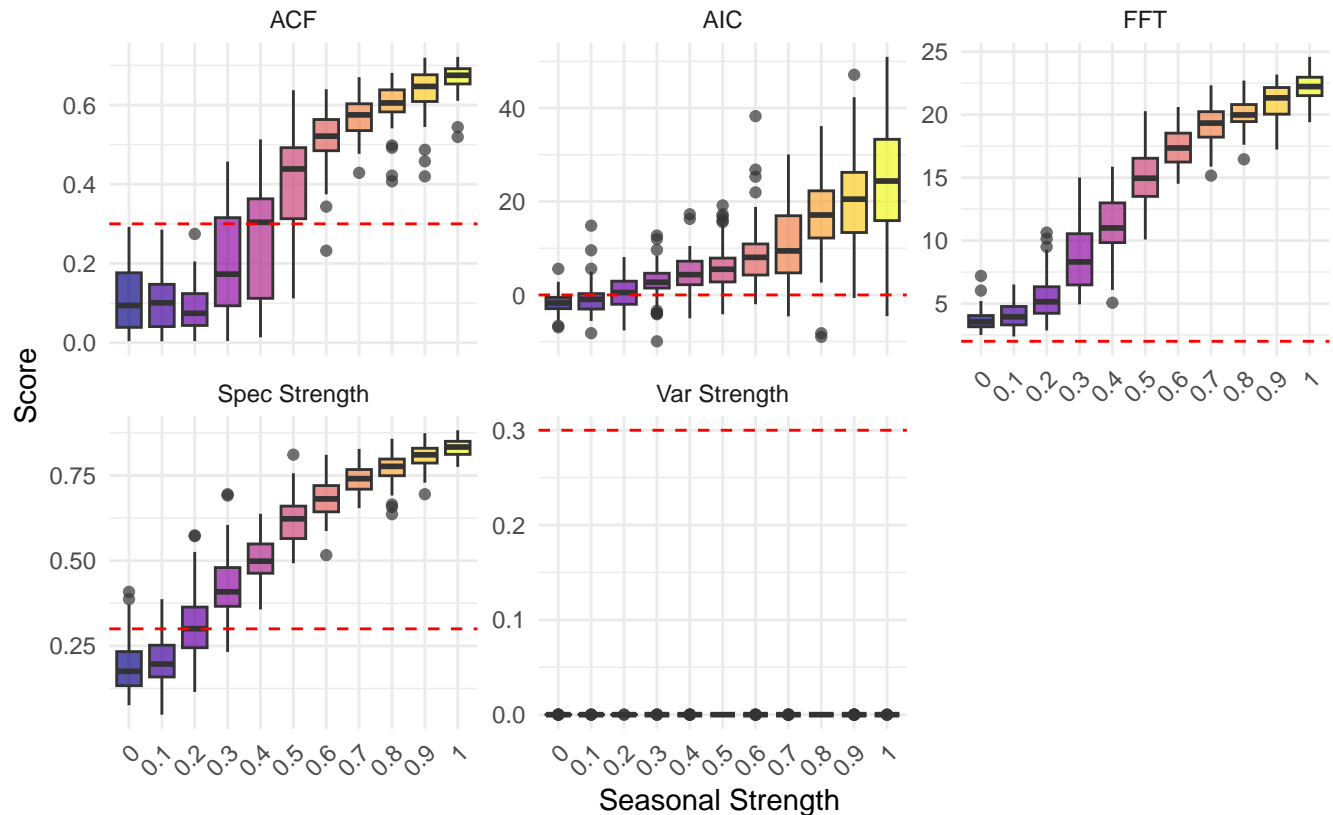
Score Correlations Between Methods