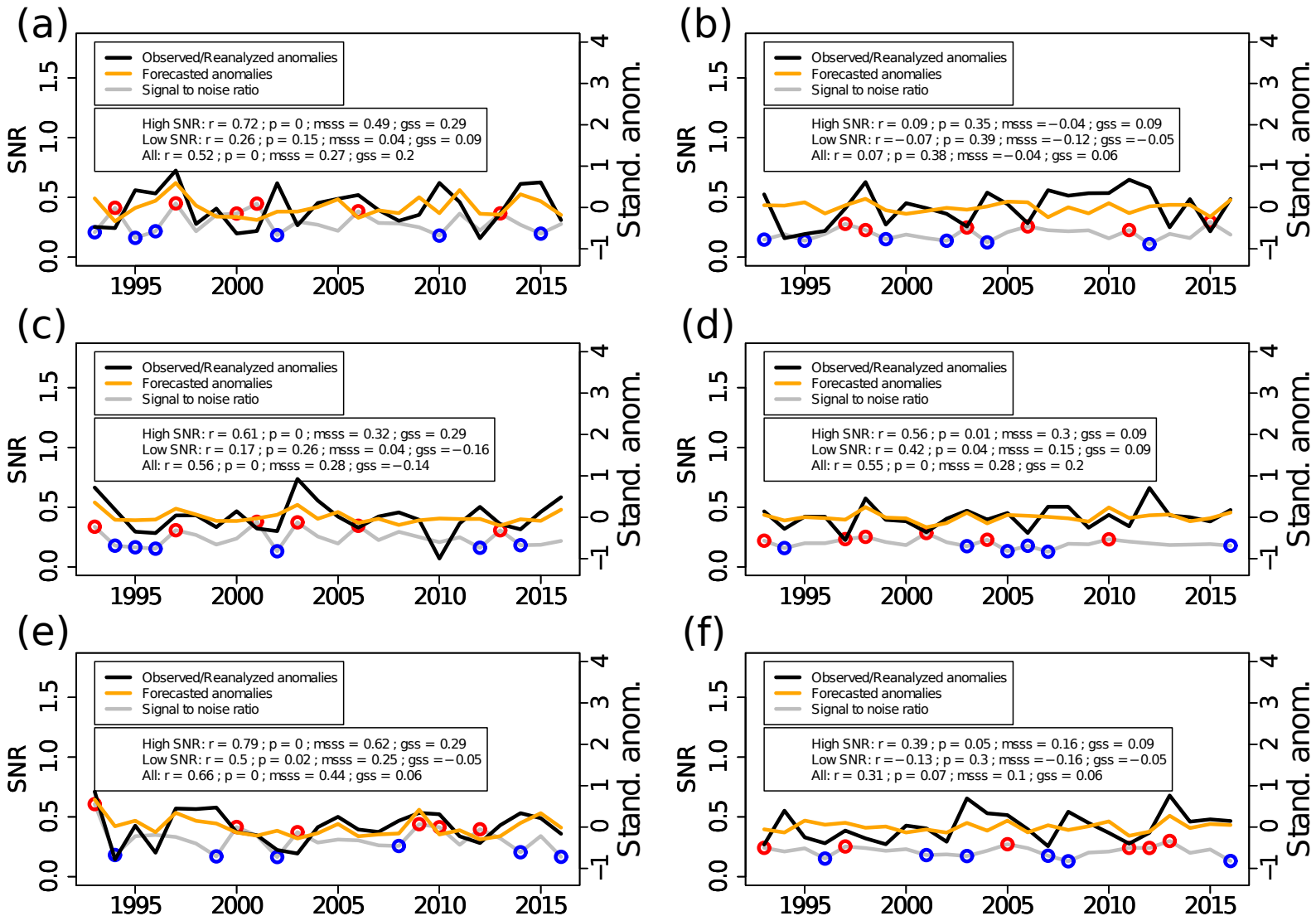
(a)
Observed/Reanalyzed anomalies
Forecasted anomalies
Signal to noise ratio
High SNR: r = 0.72 ; p = 0 ; msss = 0.49 ; gss = 0.29
Low SNR: r = 0.26 ; p = 0.15 ; msss = 0.04 ; gss = 0.09
All: r = 0.52 ; p = 0 ; msss = 0.27 ; gss = 0.2
(b)
High SNR: r = 0.09 ; p = 0.35 ; msss = −0.04 ; gss = 0.09
Low SNR: r = −0.07 ; p = 0.39 ; msss = −0.12 ; gss = −0.05
All: r = 0.07 ; p = 0.38 ; msss = −0.04 ; gss = 0.06
(c)
High SNR: r = 0.61 ; p = 0 ; msss = 0.32 ; gss = 0.29
Low SNR: r = 0.17 ; p = 0.26 ; msss = 0.04 ; gss = −0.16
All: r = 0.56 ; p = 0 ; msss = 0.28 ; gss = −0.14
(d)
High SNR: r = 0.56 ; p = 0.01 ; msss = 0.3 ; gss = 0.09
Low SNR: r = 0.42 ; p = 0.04 ; msss = 0.15 ; gss = 0.09
All: r = 0.55 ; p = 0 ; msss = 0.28 ; gss = 0.2
(e)
High SNR: r = 0.79 ; p = 0 ; msss = 0.62 ; gss = 0.29
Low SNR: r = 0.5 ; p = 0.02 ; msss = 0.25 ; gss = −0.05
All: r = 0.66 ; p = 0 ; msss = 0.44 ; gss = 0.06
(f)
High SNR: r = 0.39 ; p = 0.05 ; msss = 0.16 ; gss = 0.09
Low SNR: r = −0.13 ; p = 0.3 ; msss = −0.16 ; gss = −0.05
All: r = 0.31 ; p = 0.07 ; msss = 0.1 ; gss = 0.06
SNR
Stand. anom.
0.0
0.5
1.0
1.5
−1
0
1
2
3
4
1995
2000
2005
2010
2015