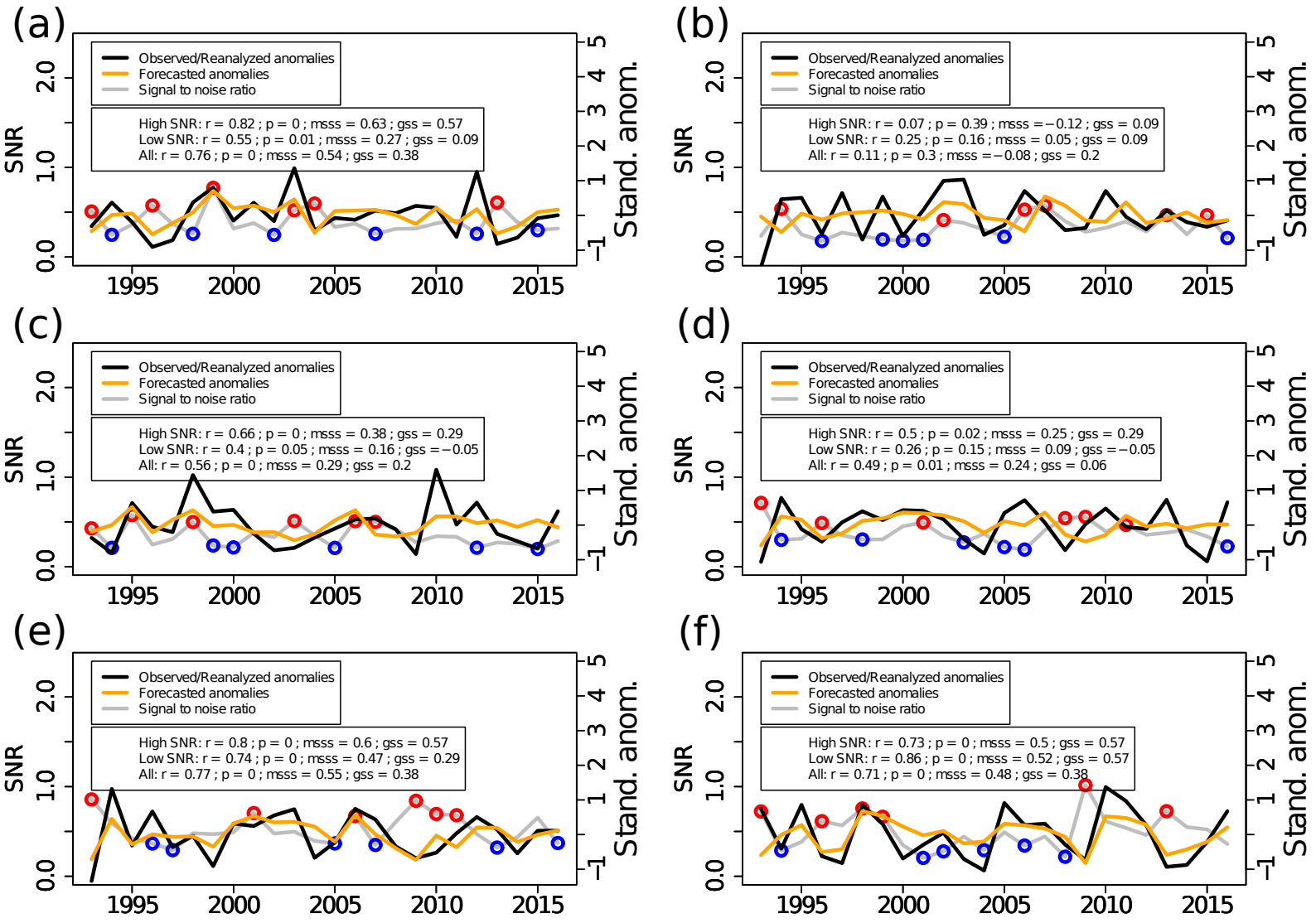
(a)
Observed/Reanalyzed anomalies
Forecasted anomalies
Signal to noise ratio
High SNR: r = 0.82 ; p = 0 ; msss = 0.63 ; gss = 0.57
Low SNR: r = 0.55 ; p = 0.01 ; msss = 0.27 ; gss = 0.09
All: r = 0.76 ; p = 0 ; msss = 0.54 ; gss = 0.38
(b)
High SNR: r = 0.07 ; p = 0.39 ; msss = −0.12 ; gss = 0.09
Low SNR: r = 0.25 ; p = 0.16 ; msss = 0.05 ; gss = 0.09
All: r = 0.11 ; p = 0.3 ; msss = −0.08 ; gss = 0.2
(c)
High SNR: r = 0.66 ; p = 0 ; msss = 0.38 ; gss = 0.29
Low SNR: r = 0.4 ; p = 0.05 ; msss = 0.16 ; gss = −0.05
All: r = 0.56 ; p = 0 ; msss = 0.29 ; gss = 0.2
(d)
High SNR: r = 0.5 ; p = 0.02 ; msss = 0.25 ; gss = 0.29
Low SNR: r = 0.26 ; p = 0.15 ; msss = 0.09 ; gss = −0.05
All: r = 0.49 ; p = 0.01 ; msss = 0.24 ; gss = 0.06
(e)
High SNR: r = 0.8 ; p = 0 ; msss = 0.6 ; gss = 0.57
Low SNR: r = 0.74 ; p = 0 ; msss = 0.47 ; gss = 0.29
All: r = 0.77 ; p = 0 ; msss = 0.55 ; gss = 0.38
(f)
High SNR: r = 0.73 ; p = 0 ; msss = 0.5 ; gss = 0.57
Low SNR: r = 0.86 ; p = 0 ; msss = 0.52 ; gss = 0.57
All: r = 0.71 ; p = 0 ; msss = 0.48 ; gss = 0.38
SNR
Stand. anom.
0.0
1.0
2.0
−1
1
2
3
4
5
1995
2000
2005
2010
2015