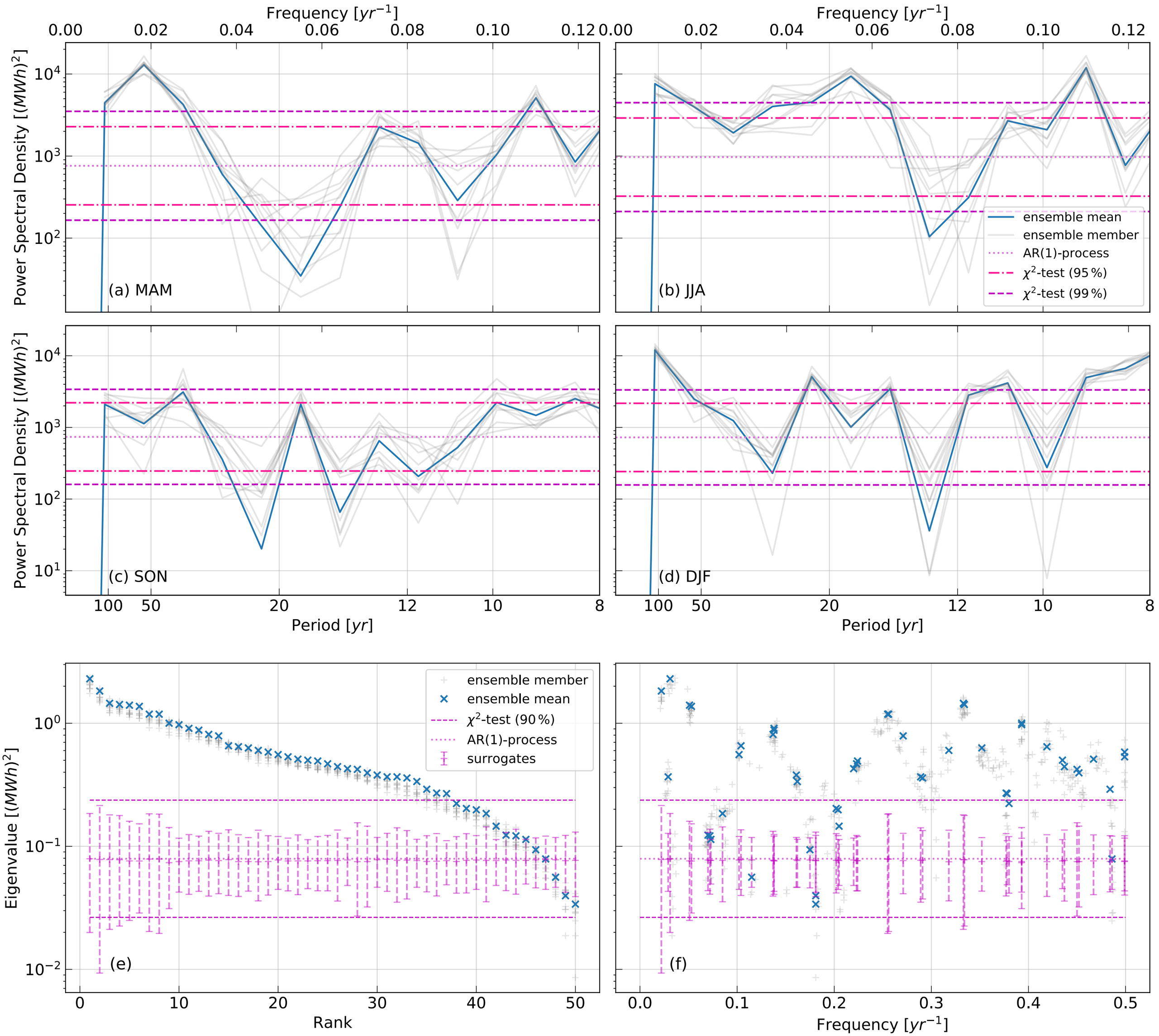
Frequency [yr^{-1}]
0.00
0.02
0.04
0.06
0.08
0.10
0.12
Power Spectral Density [$(MWh)^2$]
10^4
10^3
10^2
10^1
(a) MAM
(b) JJA
(c) SON
(d) DJF
ensemble mean
ensemble member
AR(1)-process
χ^2-test (95 %)
χ^2-test (99 %)
100
50
20
12
10
8
Period [yr]
Eigenvalue [$(MWh)^2$]
10^0
10^{-1}
10^{-2}
ensemble member
ensemble mean
χ^2-test (90 %)
AR(1)-process
surrogates
(e)
(f)
0
10
20
30
40
50
Rank
0.0
0.1
0.2
0.3
0.4
0.5
Frequency [yr^{-1}]