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Projected Future Changes in Equatorial Wave Spectrum in CMIP6 - Online Resource 2

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Figure 1 shows the future projection of OLR for the SSP245 scenario, and Figures 2 and 3 show the future projections of the U250 for SSP245 and SSP585 scenarios respectively. Figure 4 show the correlations between historical biases and SSP245 projections (similar to Figure 7 in the main text). Figures 5 - 6 and 7 - 8 show respectively the historical simulations and the future projections of the anti-symmetric component of OLR, and Figures 9 - 12 show the same for the anti-symmetric component of U250.

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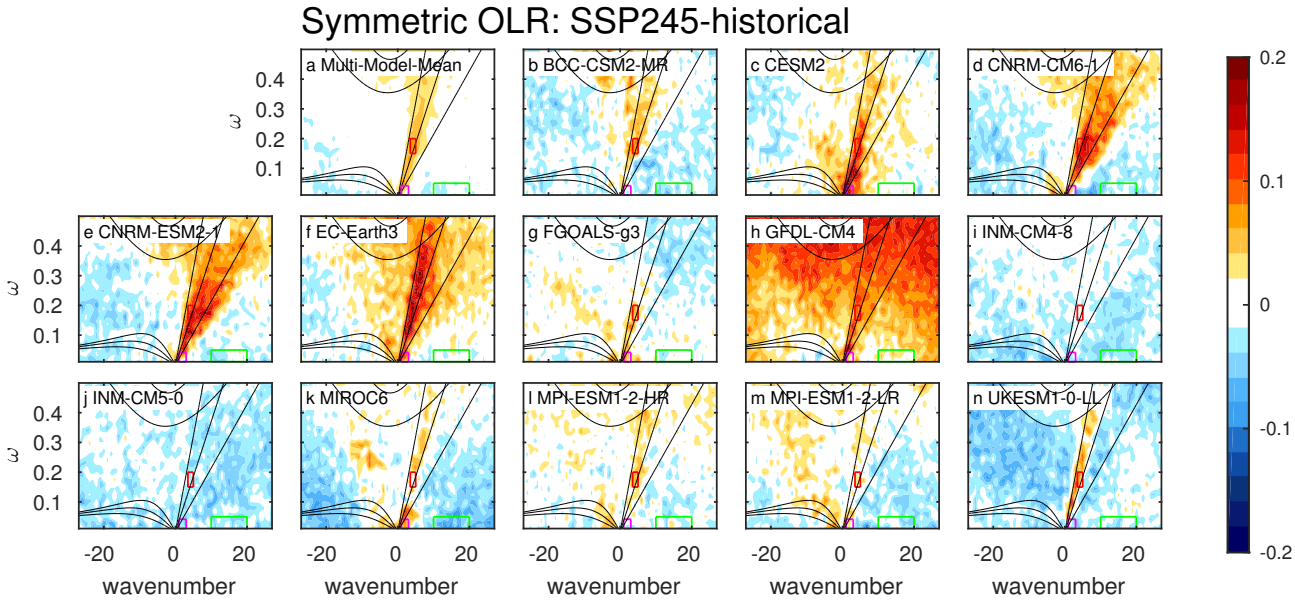

Fig. 1 As in Figure 6 of the main text but for the power spectra of OLR $(W/m^2)^2 \cdot s$ for the SSP245 scenario.

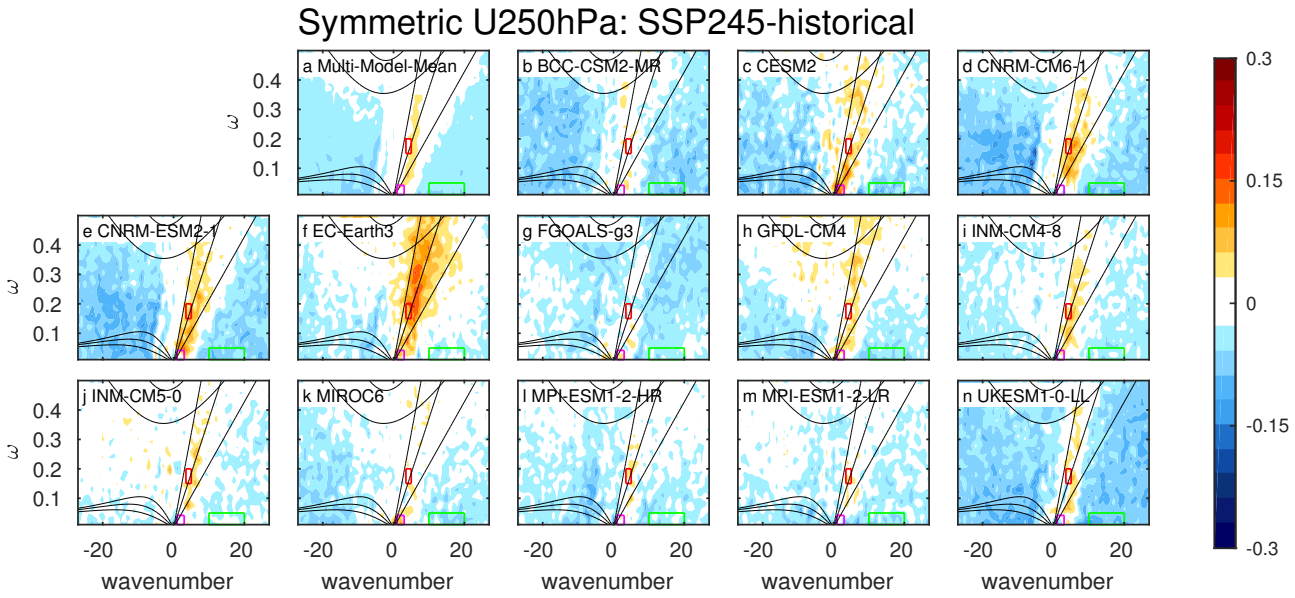

Fig. 2 As in Figure 6 of the main text but for the power spectra of zonal velocity $(m/s)^2 \cdot s$ for the SSP245 scenario.

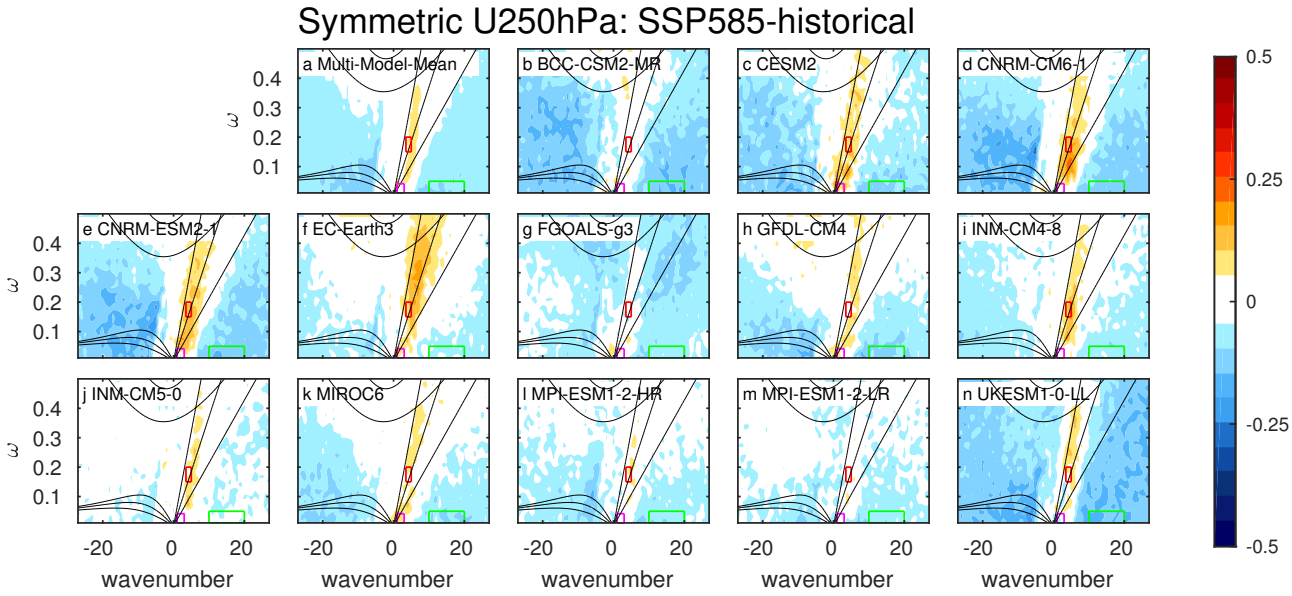

Fig. 3 As in Figure 6 of the main text but for the power spectra of zonal velocity $(m/s)^2 \cdot s$ for the SSP585 scenario.

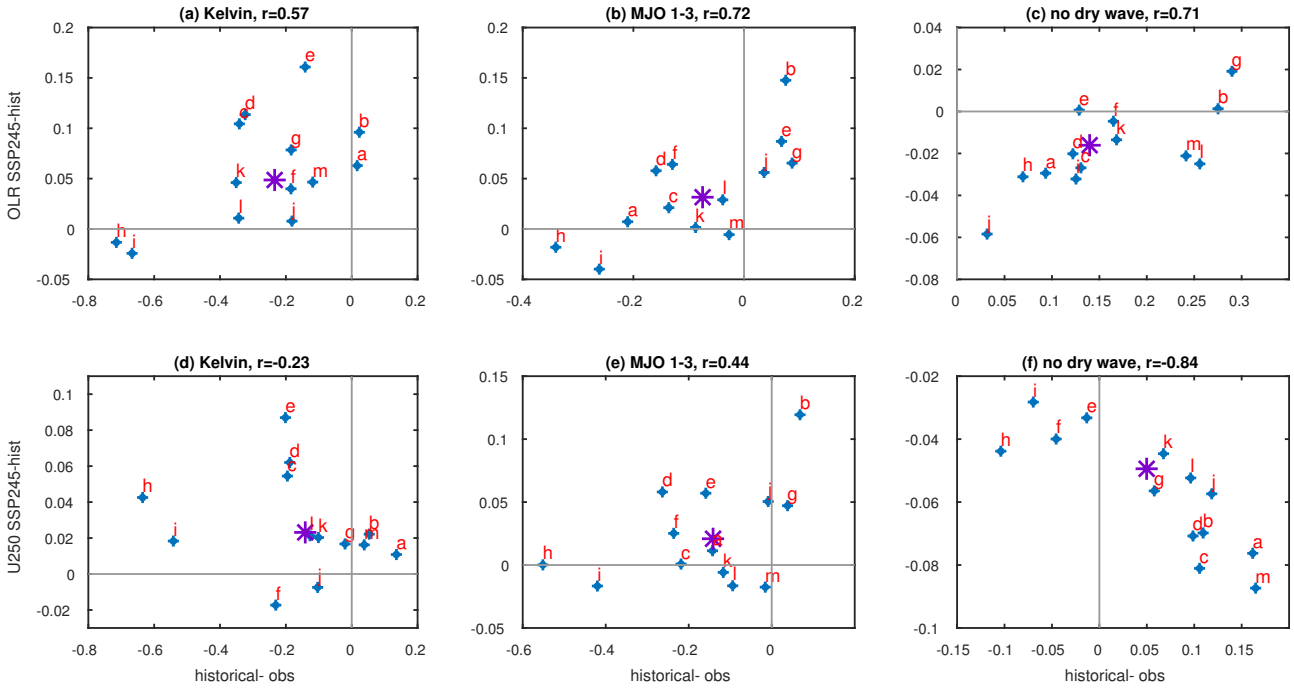

Fig. 4 As in Figure 7 of the main text but for the SSP245 scenario.

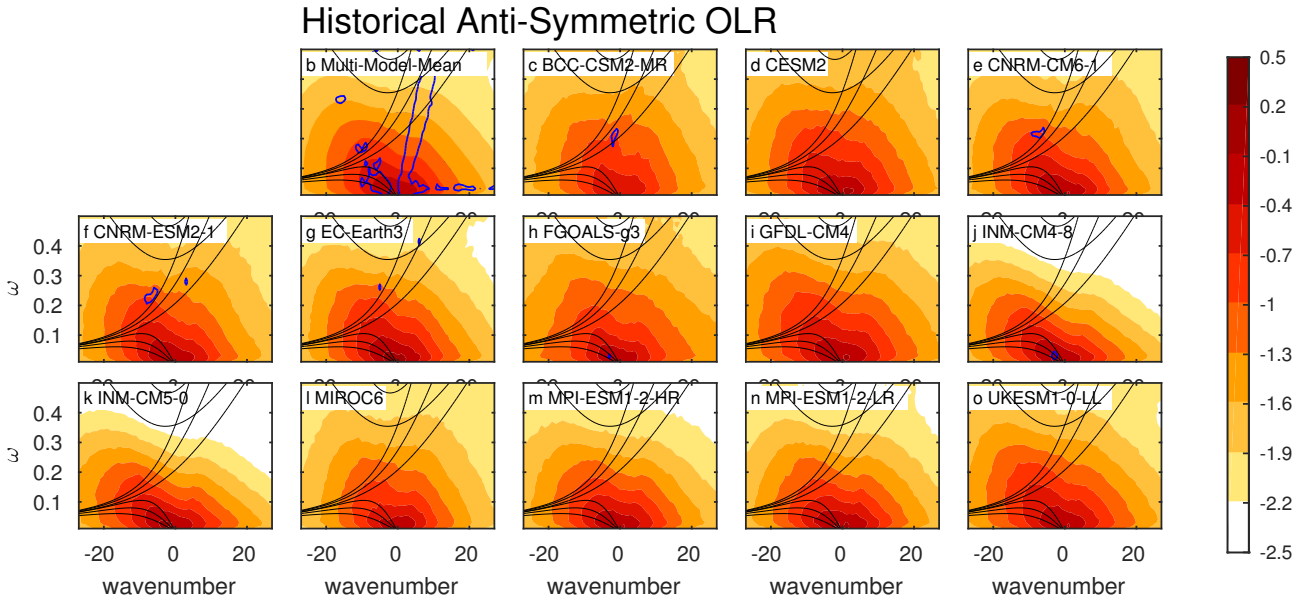

Fig. 5 As in Figure 1 of the main text but for the anti-symmetric component of the power spectra of OLR $(W/m^2)^2 \cdot s$ for the historical simulation.

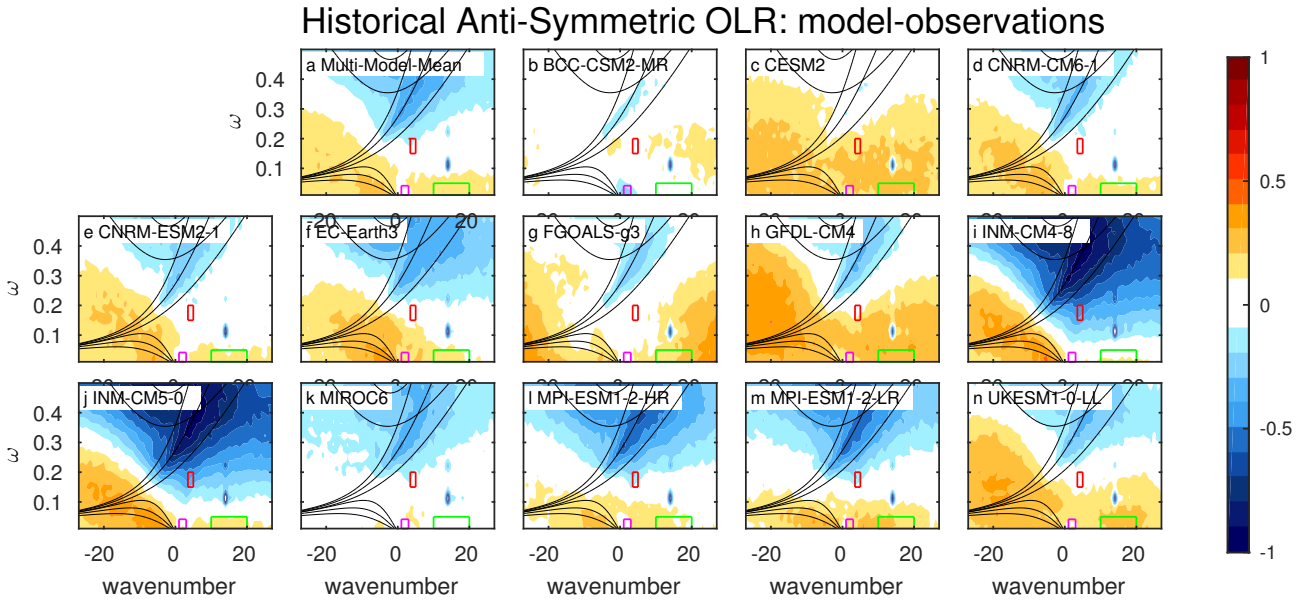

Fig. 6 As in Figure 2 of the main text but for the anti-symmetric component of the power spectra of OLR $(W/m^2)^2 \cdot s$ for the historical simulation.

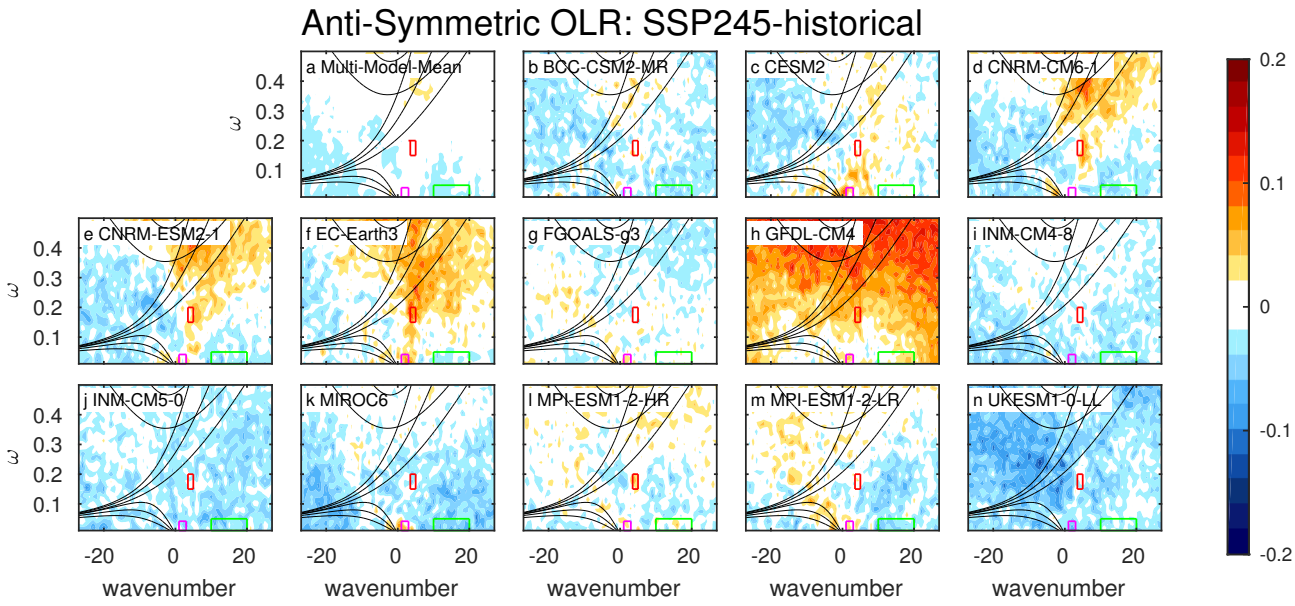

Fig. 7 As in Figure 6 of the main text but for anti-symmetric component of the power spectra of OLR $(W/m^2)^2 \cdot s$ for the SSP245 scenario.

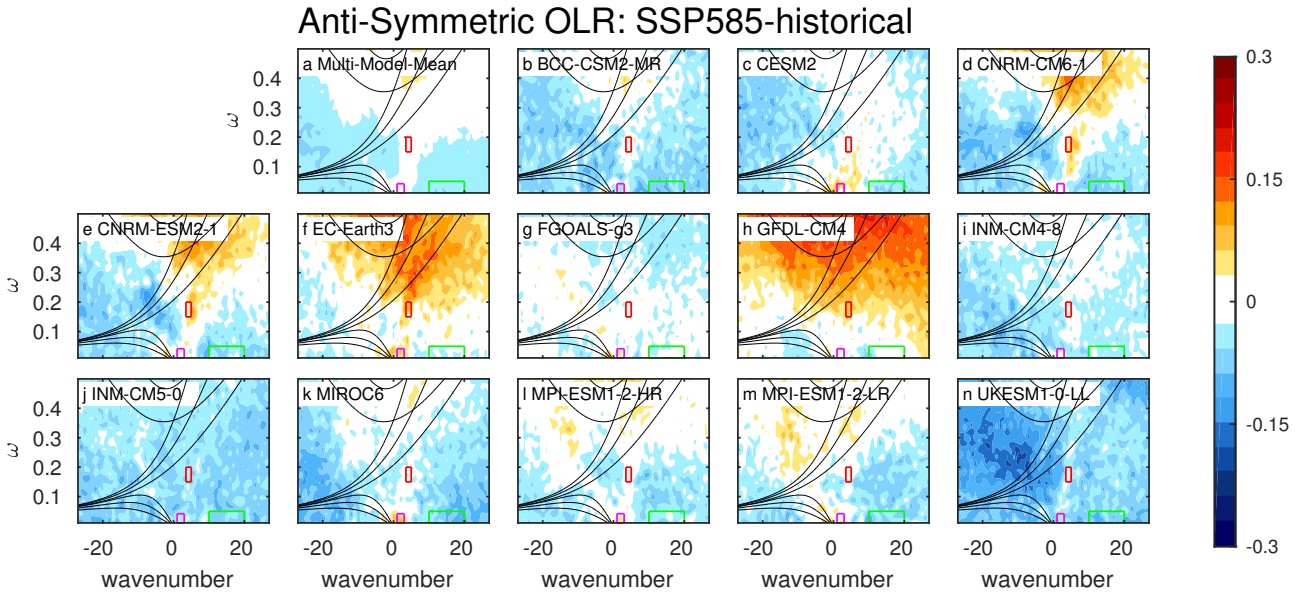

Fig. 8 As in Figure 6 of the main text but for anti-symmetric component of the power spectra of OLR $(W/m^2)^2 \cdot s$ for the SSP585 scenario.

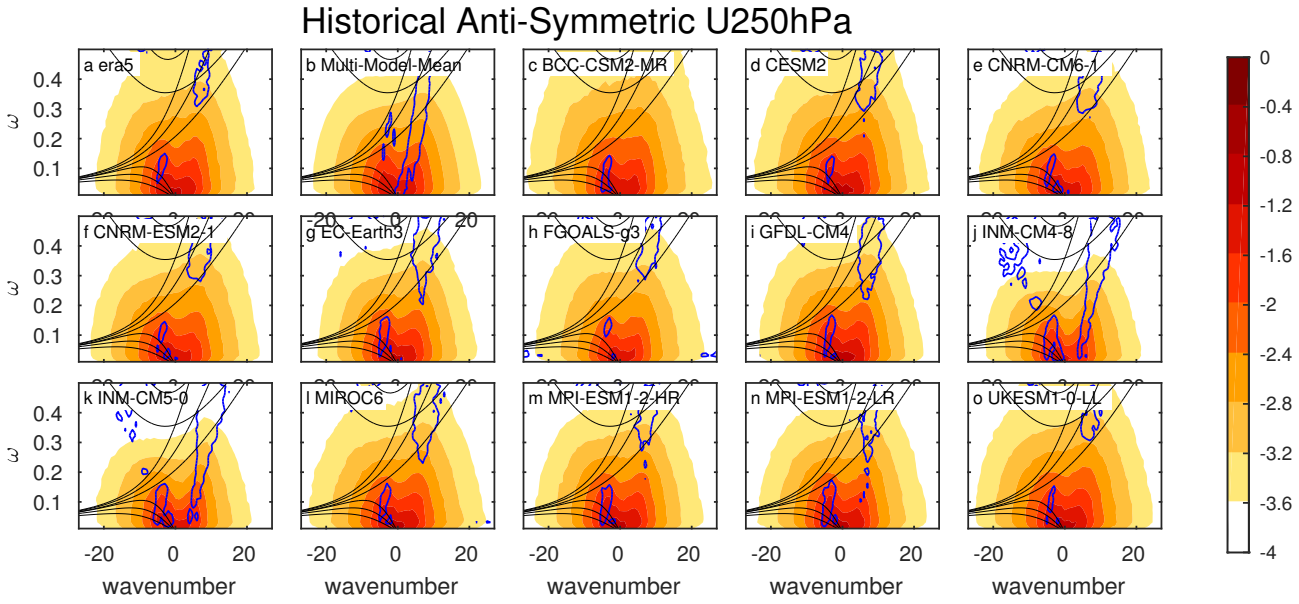

Fig. 9 As in Figure 3 of the main text but for the anti-symmetric component of the power spectra of zonal velocity $(m/s)^2 \cdot s$ for the historical simulation.

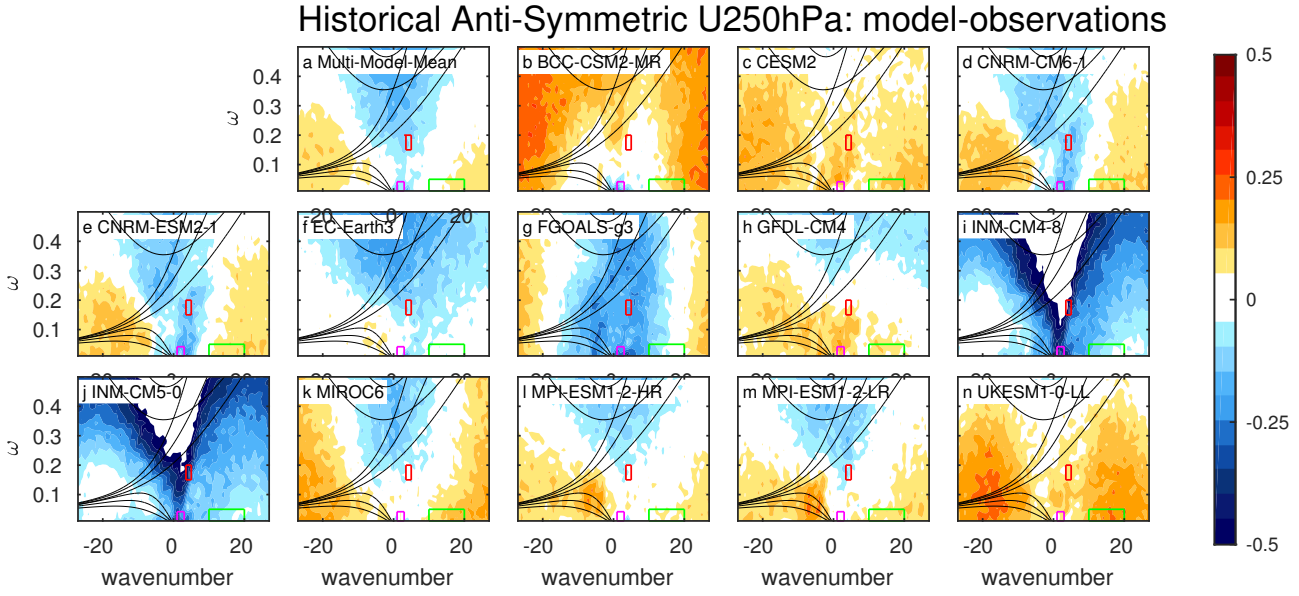

Fig. 10 As in Figure 4 of the main text but for the anti-symmetric component of the power spectra of zonal velocity $(m/s)^2 \cdot s$ for the historical simulation.

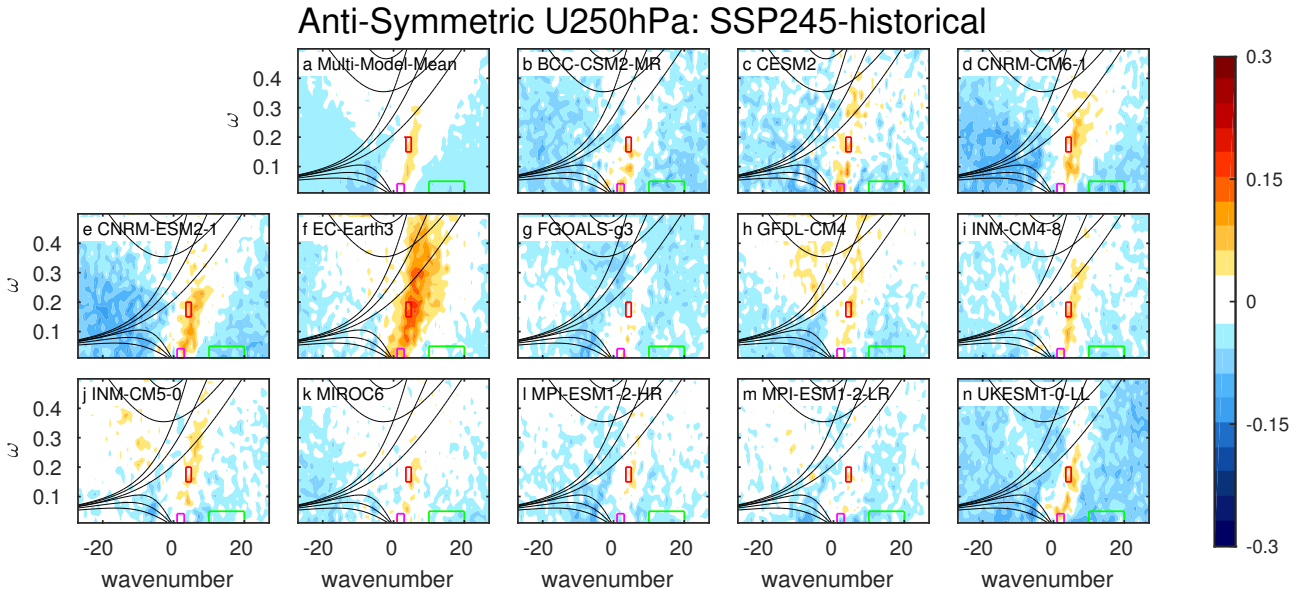

Fig. 11 As in Figure 6 of the main text but for anti-symmetric component of the power spectra of zonal velocity $(m/s)^2 \cdot s$ for the SSP245 scenario.

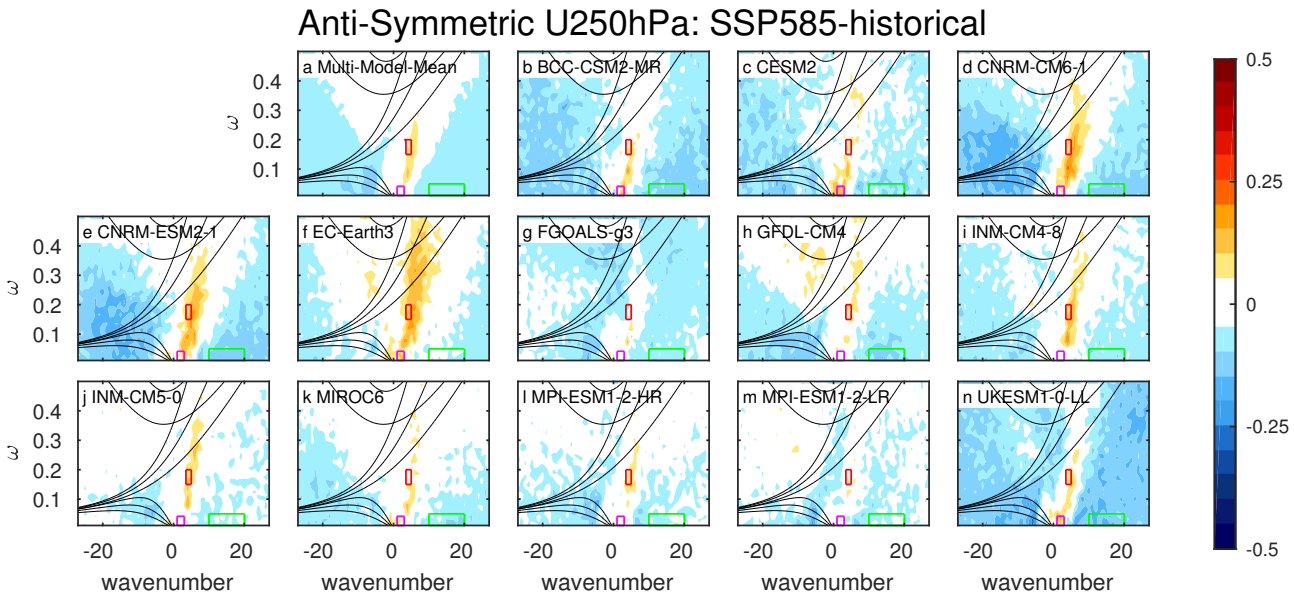

Fig. 12 As in Figure 6 of the main text but for anti-symmetric component of the power spectra of zonal velocity $(m/s)^2 \cdot s$ for the SSP585 scenario.