Figure 3A: Hovmöller Diagram for the American continent domains. The left column corresponds to the NAMS domain (a,c,e,g,i) and the right column to the SAMS domain (b,d,f,h,j). a,b) correspond to the precipitation values in mm month$^{-1}$ over the historical period (1976-2005). All other diagrams correspond to the precipitation difference (colors) and the MSE difference (black contours, dashed lines for negative values) between the future scenario (2041-2070) with c,d) RCP8.5, e,f) WAIS3m, g,h) GrIS1m and i,j) GrIS3m and the historical period (1976-2005), in mm month$^{-1}$. Significant differences at the 95 % confidence interval are depicted by red dots according to the Wilcoxon-Mann-Whitney test (see Sect. 2.3).
Figure 3B: Hovmöller Diagrams of the MSE difference at a-c-e) 850 hPa and b-d-f) 200 hPa, between future scenario and historical simulation for the NAMS domain for a-b) the RCP8.5 scenario, c-d) WAIS3m scenario and e-f) GrIS3m.