



Supplement of

Replicating the Hadley cell edge and subtropical jet latitude disconnect in idealized atmospheric models

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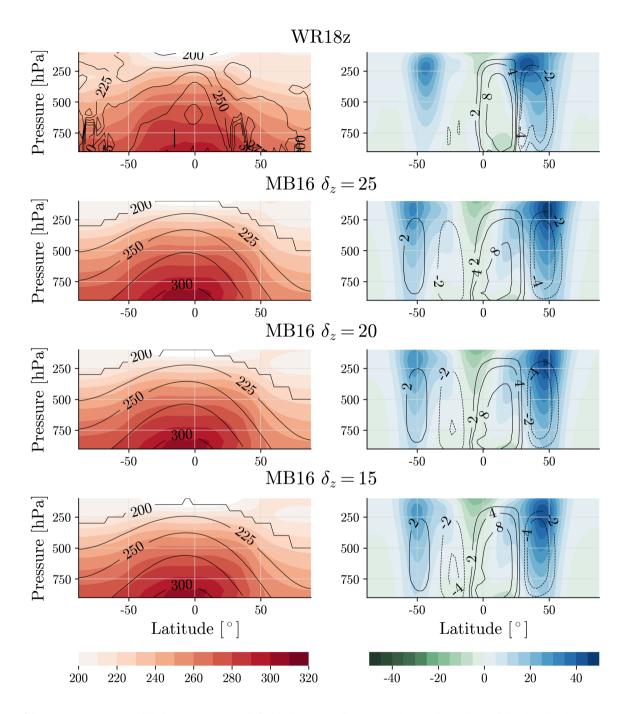


Figure S1. DJF zonal-mean equilibrium temperature (left, black contour lines, K) and DJF climatology of the simulated temperature (left, color contours, K), zonal wind (right, color contours, $m s^{-1}$), and mean meridional circulation (right, black contour lines, $10^{10} kg s^{-1}$) for WR18z (top), MB16 ($\delta_z = 25$) (middle top), MB16 ($\delta_z = 20$) (middle bottom), and MB16 ($\delta_z = 15$) (bottom).

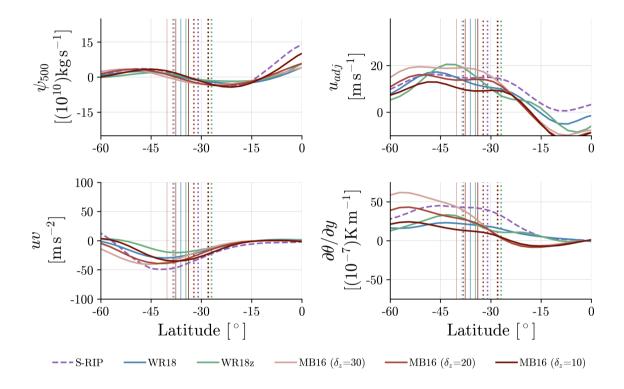


Figure S2. SH DJF zonal-mean meridional streamfunction at 500 hPa (top left), adjusted wind (top right), vertically averaged eddy momentum flux between 200-400 hPa (bottom left), and vertically averaged meridional temperature gradient between 100-400 hPa (bottom right) for S-RIP, WR18, WR18z, MB16 (default, $\delta_z = 10$), MB16 ($\delta_z = 20$), and MB16 ($\delta_z = 30$). The dotted and solid thin vertical lines show the climatological ϕ STJ and climatological ϕ HC, respectively, for each corresponding simulation.