

Supporting Information for

“Seasonal sensitivity of the Hadley cell and cross-hemispheric responses to diabatic heating in an idealized GCM”

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1. Figure S1

Figure S1.

References

Dee, D. P., S. M. Uppala, A. J. Simmons, P. Berrisford, P. Poli, S. Kobayashi, U. Andrae, M. A. Balmaseda, G. Balsamo, P. Bauer, P. Bechtold, A. C. M. Beljaars, L. van de Berg, J. Bidlot, N. Bormann, C. Delsol, R. Dragani, M. Fuentes, A. J. Geer, L. Haimberger, S. B. Healy, H. Hersbach, E. V. Hólm, L. Isaksen, P. Kållberg, M. Köhler, M. Matricardi, A. P. McNally, B. M. Monge-Sanz, J.-J. Morcrette, B.-K. Park, C. Peubey, P. de Rosnay, C. Tavolato, J.-N. Thépaut, and F. Vitart (2011), The ERA-Interim reanalysis: configuration and performance of the data assimilation system, *Quarterly Journal of the Royal Meteorological Society*, 137(656), 553–597, doi: 10.1002/qj.828.

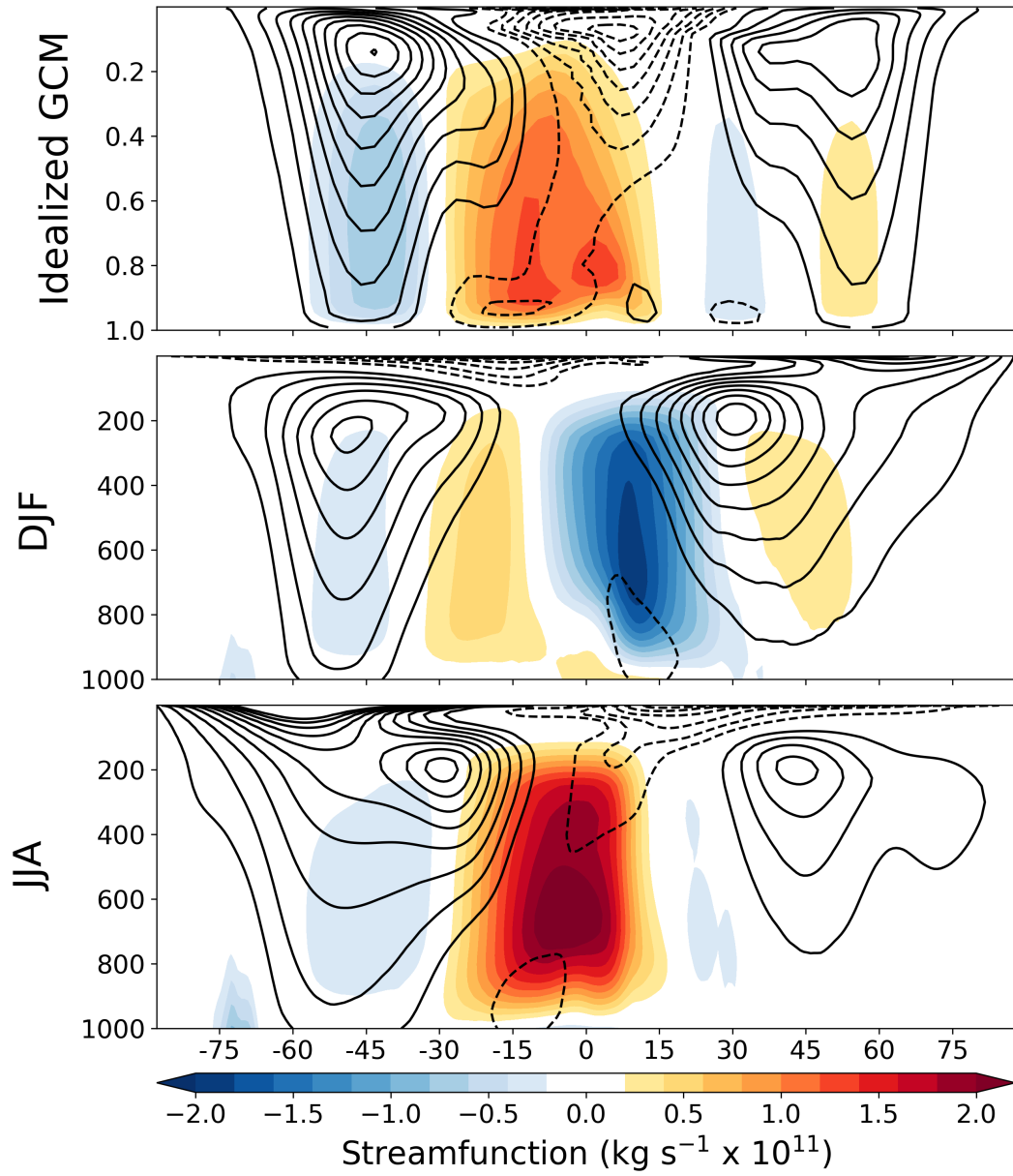


Figure 1. Comparison of model and reanalysis. Top panel shows the model control simulation zonal mean streamfunction (colors) and zonal mean zonal wind (contours at 5 ms^{-1} intervals). Middle and bottom panels show the zonal mean streamfunction and zonal mean zonal wind for DJF and JJA respectively from ERA-Interim [Dee *et al.*, 2011] averaged over 1980-2014.