Jet Stream-surface tracer relationships: Mechanism and sensitivity to source region

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1. Figures S1 to S2

[*]now at Department of Environmental

and Occupational Health, George

Washington University, Washington, DC,
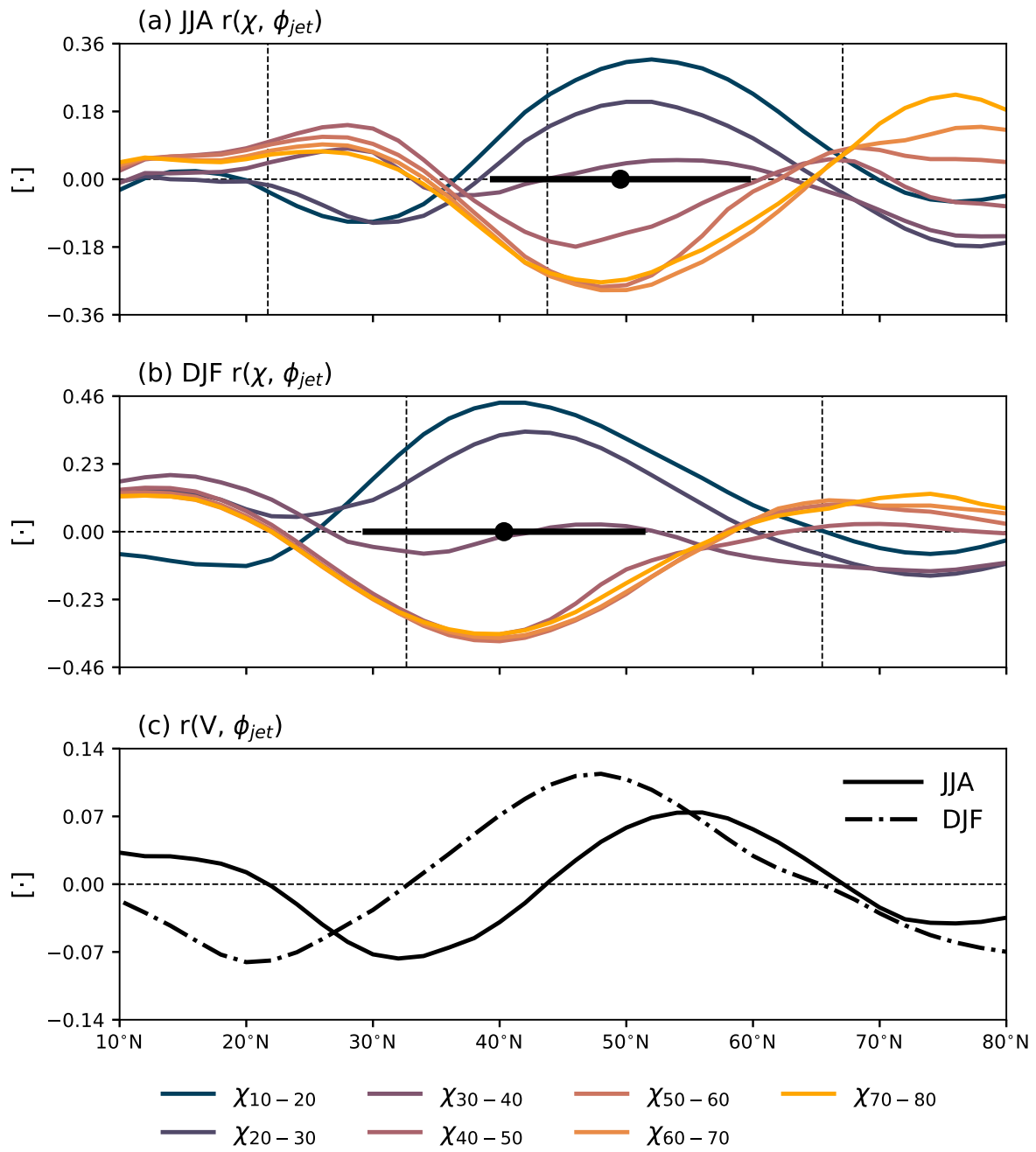
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(a) JJA r(χ, ϕ_{jet})

(b) DJF r(χ, ϕ_{jet})

(c) r(V, ϕ_{jet})

Figure S1. Same as Figure 3 in the main text but calculated with mass-weighted $1000 - 200$ hPa mixing ratios for χ and $1000 - 200$ hPa V.
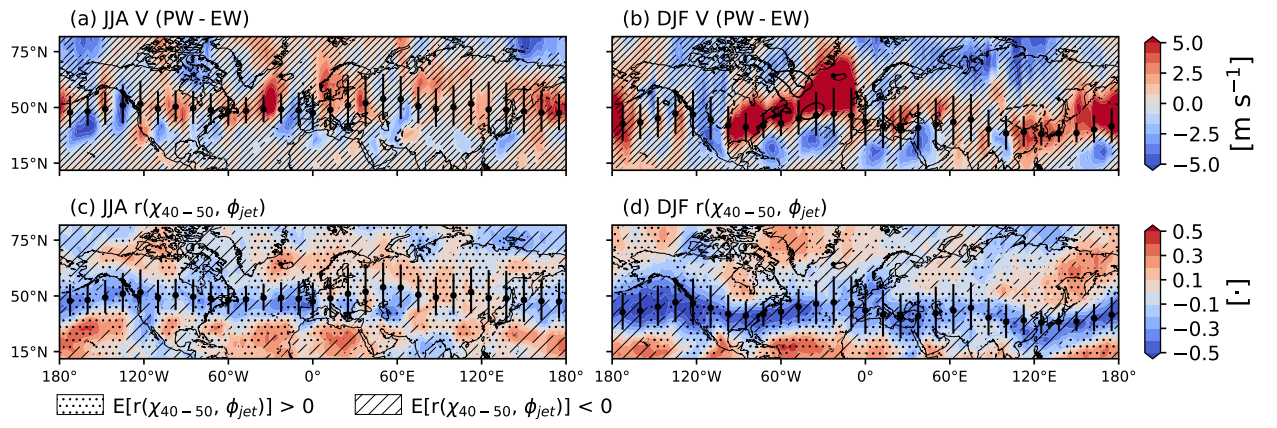
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Figure S2. Same as Figure 4 in the main text but calculated with mass-weighted $1000 - 200$ hPa mixing ratios for χ_{40-50} and $1000 - 200$ hPa V.