

## Interactive comment on "A tropospheric pathway of the stratospheric quasi-biennial oscillation (QBO) impact on the boreal winter polar vortex" by Koji Yamazaki et al.

## Anonymous Referee #1

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See attached pdf

Please also note the supplement to this comment: https://www.atmos-chem-phys-discuss.net/acp-2019-1119/acp-2019-1119-RC1supplement.pdf

Interactive comment on Atmos. Chem. Phys. Discuss., https://doi.org/10.5194/acp-2019-1119, 2020.

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