

“The Relationship between Lower Stratospheric Ozone in the Southern High Latitudes and Sea Surface Temperature in the East Asian Marginal Seas in Austral Spring” by Tian et al.

This revision has addressed the questions in my earlier review.

There are some minor issues.

1. Figure 3, the color bar is missing.
2. Figure 1, label ozone molecules in the y-axis using subscripts.
3. The authors answered a question related to the original Figure 4 but the figure was removed in this version, why?
4. Figure 1 shows a time series of ozone variations, removing seasonal cycles and linear trends in MERRA2, SLIMCAT, 3 GOZCARDS and SWOOSH. May the original and absolute ozone concentrations from these data sets be shown, as also asked by the other reviewer ?
5. The satellite datasets used in this study are based on SAGE, HALOE, ACE-FTS, and Aura MLS. Some of the data have no or very limited coverage in the southern polar region so the regional mean may not be extended to 90 °S. Please comment.