Interactive comment on “Enhanced cold-season warming in semi-arid regions” by J. Huang et al.

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We are very appreciative for the reviewer’s thorough review of the paper. His/her suggestions and comments have been most helpful in improving the readability of the paper as a whole. The revised version of the paper has addressed all of the reviewer’s concerns. We hope this revision is now acceptable for publication. The following are our point-by-point responses to the reviewer’s comments:

Question 1. Page 4628, line 3: remove the comma.
Response: we have removed the comma.

Question 2. Page 4628, line 10: change “accounting contribute by 27% “ to “contribute”
Response: we have replaced “accounting contribute by 27%” with “contribute by 27%”

Question 3. page 4628, line 12-13: change “may cause these regions to become drier and warmer” to “may suggest drier and warmer trend of these regions”.
Response: we have changed “may cause these regions to become drier and warmer” to “may suggest drier and warmer trend of these regions”.

Response: the “but dynamic” has been replaced by “Dynamic”.

Question 5. Page 4629, line 21: please consider add a sentence summarize the source (and quality, if possible) of the data (model outputs? Observations? Combinations?)
Response: we have added more explanation sentences in the revision.

Question 6. Page 4631, line 15: change “climates” to “regions”
Response: text has been revised.

Question 7. Figure 5 and 6: it will be nice if you can add some sort of error bars in the plots.
Response: we have calculated the error bars and it make Fig 5 & 6 hard to understand. In this case, we do not add the error bar in Fig 5 & 6.

Question 8. Page 4634, line 25: change “the effects of these factors” to “the primary factors” or “The leading factors”.
Response: “the effects of these factors” has been replaced by “the primary factors”.

Question 9. Page 4635, line 6: change “Susan” to “Solomon”
Response: we have done the correction.