This manuscript presents the NAD (nadir-normalized) and ANI (backward-forward) surface reflectance and VI dataset produced from MAIAC MCD19A1 daily surface reflectance and 8-day MCD19A3 product. It provides possible chances to reduce uncertainty or extract information to serve the vegetation studies. Before the publish of this manuscript, further efforts may be needed to address the following general and special comments.

General comments:

1. Several anisotropy indices except ANIX have been published in the anisotropy community. There is a need to summarize out these typical indices with advantage and disadvantage, to establish the requirement of the presented metrics NAD and ANI.

2. Confused by the "backward scattering" and "forward scattering" of Table 2, without the description of given the sun-view geometry for the fixe kernel values. Either "backward scattering " or "forward scattering" is not an sole direction.

3. Not sure why $35°$ is adopted. Is it an arbitrary determination? Through hotspot is around $45°$, but probably varying within a limited direction, thus why not other VZA? Such as $40°$?

4. Is it enough to grade the uncertainty of the produced data ONLY using the number of samples? How about the pixel-based quality of ingested input MCD19A1/A3?

5. It's hard to conclude there is a "significantly but weakly" association between EVI_NAD and forest height, when $R^2=0.161$. How about the effect of terrain?

Special comments:

6. Line 59-62: The description of anisotropy definition is not appropriate. Anisotropy is the intrinsic characteristics of objects, which can be captured by directional observations, but not determined by observations. Further, the surface reflectance varies not ONLY with VZA and SZA.

7. Line 90-105: When reviewing surface reflectance products, this manuscript should not omit another important operational normalized surface reflectance products-MCD43 NBAR, and as well as the related anisotropy products-BRDF (MCD43A1 etc.), due to its acceptance in land applications all over the world.

8. Line 90: What does it mean "a factor of 3 to 10" on the accuracy?

9. Line 280: "to demonstrate the spatial and temporal distribution of..."?

10. Line 239-251: Gb, Tb? bit or Byte?? Check it through the whole text.