

# ***Interactive comment on “Global assessment of Vegetation Index and Phenology Lab (VIP) and Global Inventory Modeling and Mapping Studies (GIMMS) version 3 products” by M. Marshall et al.***

## **Anonymous Referee #1**

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A long-term record on terrestrial ecosystem is a key to discover and understand its process and mechanism on biogeographical cycle under global climate changes. Now GIMMS 3g and VIP provide us such chance. And an assessment on their quality was essential and valuable for their further applications in three fields as authors point out. This paper assessed the quality of above two datasets through three experiments.

On the last two experiments, this paper gives a summary statistics and the differences are showed by the latitude mean and standard deviation, which give a difference on spatial. However, I am confounded on their difference on temporal changes. How about if the data in figure 7 was changed to the seasonal on the latitude band, such as far-northern, middle-northern, and so on? I thought that new figure will explain not

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only spatial but also temporal difference between those two datasets.

However, I think this is very good paper and will be provide a very important fundament for the data applications.

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Interactive comment on Biogeosciences Discuss., 12, 9081, 2015.

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