

Interactive comment on “Patterns of land-cover transitions from satellite imagery of the Brazilian Amazon” by Finn Müller-Hansen et al.

Anonymous Referee #2

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The paper focused on an important topic, contains thorough investigations and is clearly written. I would strongly recommend this paper.

Some minor issues that could be amended at the discretion of the authors:

1) The segmentation procedure is an issue. While in terms of management quality monitoring looking at administrative divisions such as municipalities might appear most relevant, the authors nevertheless mention, that this leads to certain limitations, caused e.g. by the area of municipalities being too small for providing reliable estimates of transition probabilities. For a better detection of regional trends, maybe not in the context of particular municipalities, why not use some standard segmentation procedures, e.g. Voronoi diagrams? This could also simplify the normalization procedures.

2) Very minor technical points:

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Discussion paper



– p.1, l. 14 world wide -> worldwide? – p.11, section title "Results and Discussion" , but there are many original results prior to this section, such as segmentation, network design etc. If not enforced by journal format, maybe use more specific (sub)sectioning?

Interactive comment on Nonlin. Processes Geophys. Discuss., doi:10.5194/npg-2016-53, 2016.

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