

## ***Interactive comment on “Evaluating forest fire probability under the influence of human activity based on remote sensing and GIS” by Wei Yang and Xiaoli Jiang***

### **Anonymous Referee #1**

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The manuscript proposed a comprehensive method which integrated remote-sensing data and GIS to evaluate forest fire risk. Different from existed studies, this work firstly analyzes the influence distance of human activity to forest fire risk by a distance analysis method. And the different risk values were set based on the result of distance analysis. The work may be a reference to the future studies which use anthropogenic factors in evaluating forest fire risk.

Specific Comments:

(1)Line 119: Why the NDVI data were selected from March to November? (2)Line 164: “For a quantitative measurements”, should it be for a quantitative measurement?

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(3)Line 195: “the minimum distance was 26 m”, what is the resolution of the spatial data you used? (4)In Table 4, City column you must delete all “city” word besides the city name.

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