

## ***Interactive comment on “Full-tensor gravity gradient eigenvector analysis for locating complex geological source positions” by Boxin Zuo et al.***

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We have added the related content to explain the influence of  $\Phi_z$  to GTA in Page 8. Added: In this experiment, the value of  $\tan\varphi$  map distributes in the range of [0, 1.472e+03]. While the vertical gravity data ( $\Phi_z$ ) contains both positive and negative anomalies within the numerical range of [-18, 21](mGal/km). We attach the revised manuscript in this reply supplement.

Please also note the supplement to this comment:

<http://www.nonlin-processes-geophys-discuss.net/npg-2016-75/npg-2016-75-AC5-supplement.pdf>

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