



SDI Review Form 1.6

Journal Name:	<u>British Journal of Medicine and Medical Research</u>
Manuscript Number:	Ms_BJMMR_20378
Title of the Manuscript:	Evaluation of Spatial Accessibility to Ohio Trauma Centers Using a GIS-based Gravity Model
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<u>Compulsory</u> REVISION comments	None	
<u>Minor</u> REVISION comments	<p>1. How was D_i determined in Equation (4) in line 152? What does Demand stand for?</p> <p>2. Total discharge counts can be aggregated based on patient's residence zip code and county (line 84). However, trauma injury may occur far from victim's residence. How do authors treat differences between injury location and residential location?</p> <p>3. Under this condition, authors set k_j as 4, 2 and 1 respectively for Level I, II and III trauma centers (line 148). This arbitrary assumption may affect U_{ij} (Equation 3), A_i (Equation 5-6), and U_{iC} (Equation 7). How was the impact of the k_j assumption on the result?</p>	
<u>Optional/General</u> comments	None	

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