



Figure 1. a) Location of the republic of Georgia. b) Distribution of locations of the Racha main shocks (stars) and aftershocks from 1991 (dark blue dots) and 2009 (dark red dots) with magnitudes greater than 4 (source: the catalog of the Seismic Monitoring Center (SMC) in Georgia, [www.seismo.ge](http://www.seismo.ge)). Major faults are shown by black dashed lines (Gamkrelidze and Shengelia 2007). Numbers on the dashed lines link to the name of the faults. 1. Frontal over thrust of the Caucasus (kinematics: nappes fault), 2. Gagara-Java (kinematics: right-reverse slip fault), 3. Kutaisi-Sachkhere (kinematics: reverse slip fault), 4. Tskhinvali-Kazbegi (kinematics: left-reverse slip fault). The main city of this area is Oni (Lat 42.58, Lon 43.46) and located close to the main shock 2009 (red star, Lat 42.56, Lon 43.48).

>2) **The paper of Gamkrelidze and Shengelia (2007) is lacking in the Reference section.** We added paper of Gamkrelidze and Shengelia (2007) in the Reference section.

Thank you for your comments which will improve paper.

Best regards,  
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