

Abstract Submitted  
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**A variability and localization study of the Galactic Center gamma-ray source 3EG J1746-2851** MARTIN POHL, Iowa State University — I have studied the variability properties and localization of 3EG J1746-2851 based on EGRET data of the observing periods 1–4. Using corrections for known systematic problems and performing various consistency checks I find no evidence of variability with an amplitude exceeding 30% with the possible exception of viewing period 429, for which a strong soft excess is observed. 3EG J1746-2851 is displaced from the exact Galactic Center towards positive Galactic longitudes. Sgr A\*, the center of Sgr A East, the pulsar J1747-2958, and the TeV gamma-ray source observed with HESS seem to be excluded as possible counterparts at the  $> 95\%$  level.

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