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## ***Interactive comment on “Inter-instrument calibration using magnetic field data from Flux Gate Magnetometer (FGM) and Electron Drift Instrument (EDI) onboard Cluster” by R. Nakamura et al.***

### **Anonymous Referee #2**

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This paper presents a clear description of the Cluster spacecraft magnetometer calibration using the electron drift instrument to refine the spin-axis offsets for the magnetometer data. I have only two minor comments. First, in Figure 2b, what happens if the medians are used rather than the mean? I consider the median a much more robust measure, less affected by outliers. Second, in Figure 4, panel b should perhaps be separated into two sub-panels as the grey points overlap and obscure many of the red points. This has the effect of making the mean (black line) look incorrect. Again, I

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would also suggest using the median.

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Interactive comment on Geosci. Instrum. Method. Data Syst. Discuss., 3, 459, 2013.

**GID**

3, C217–C218, 2013

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