

# Supporting Information for ”Asymmetric interaction of a solar wind reconnecting current sheet and its magnetic hole with Earth’s bow shock and magnetosphere”

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1. Figures S1 to S2

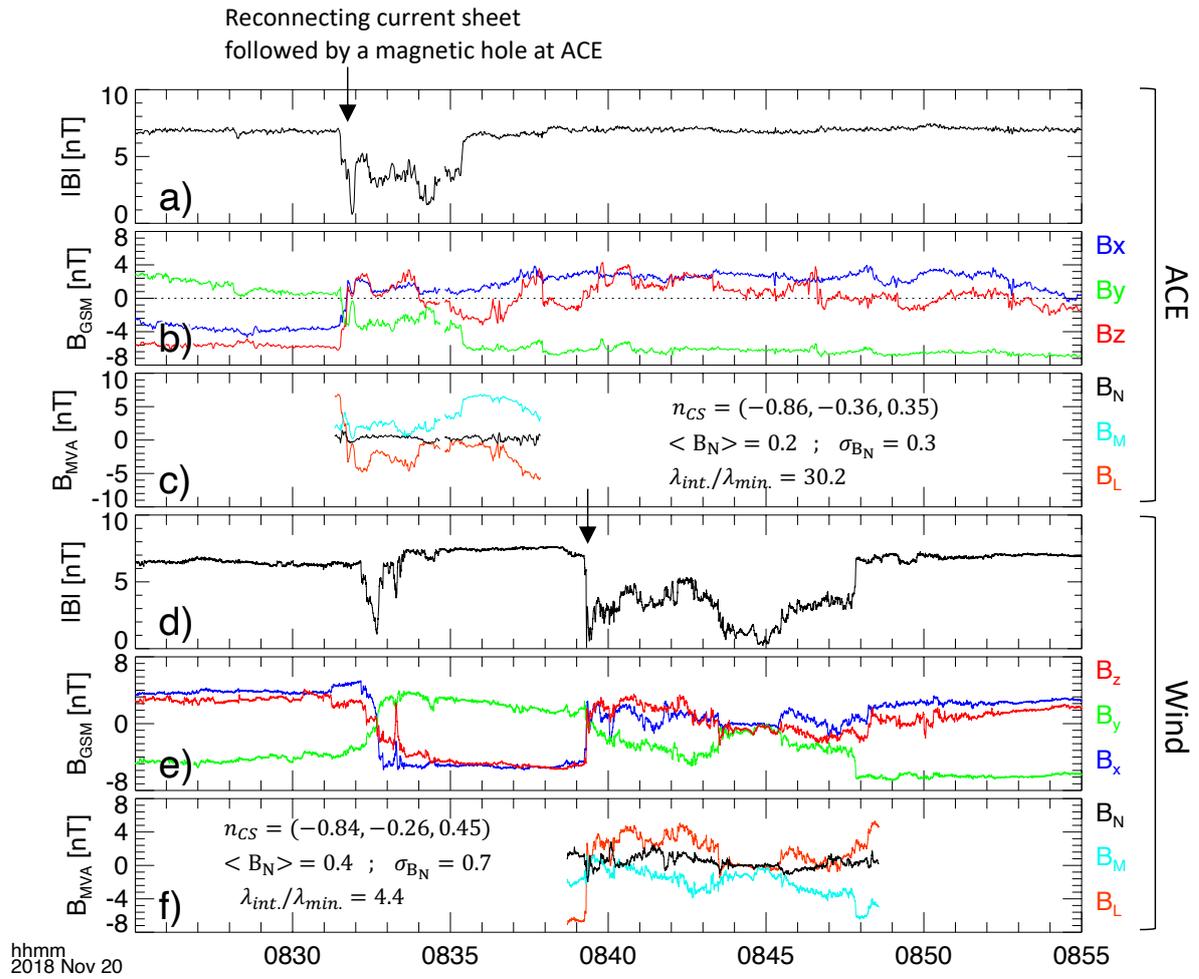
## Additional Supporting Information (Files uploaded separately)

1. Captions for Figures S1 to S2

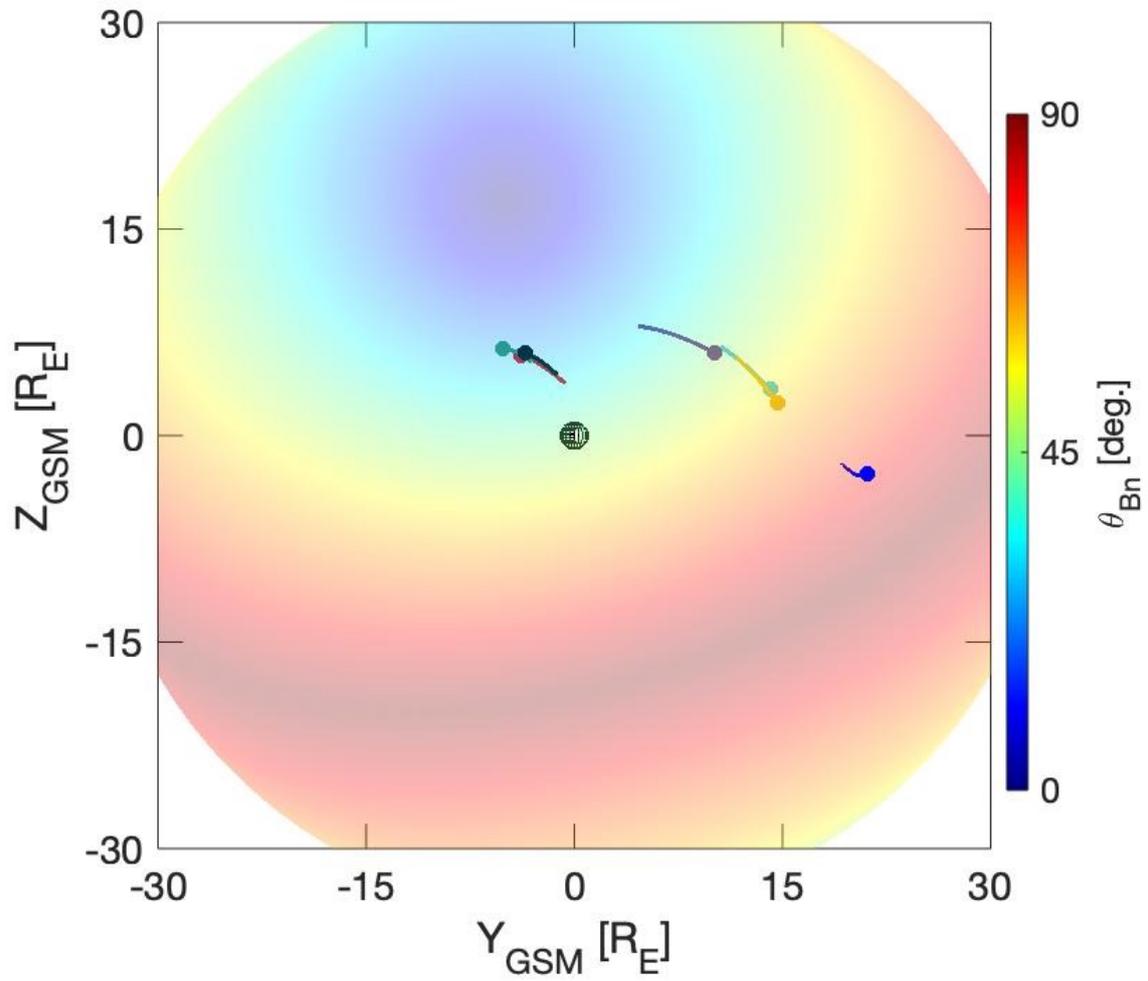
**Figure S1.** Minimum variance analysis results on ACE and Wind magnetic field data. Panels show (a and d) magnetic field strength, (b and e) magnetic field in GSM, (c and f) magnetic field components in the minimum variance coordinates. Details of the MVA output are annotated on panels (c) and (f).

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**Figure S2.** Cross-section view of the shock angle. The IMF is chosen before the onset of the RCS. Positions of MMS1, THEMIS and Cluster spacecraft are also indicated.



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