

Input errors and a small field tilt: the fast shock remains

Conditional model test for the 13 June 2010 example

Adopted input ranges

Compression

1.1988 to 2.0088

Normal inflow

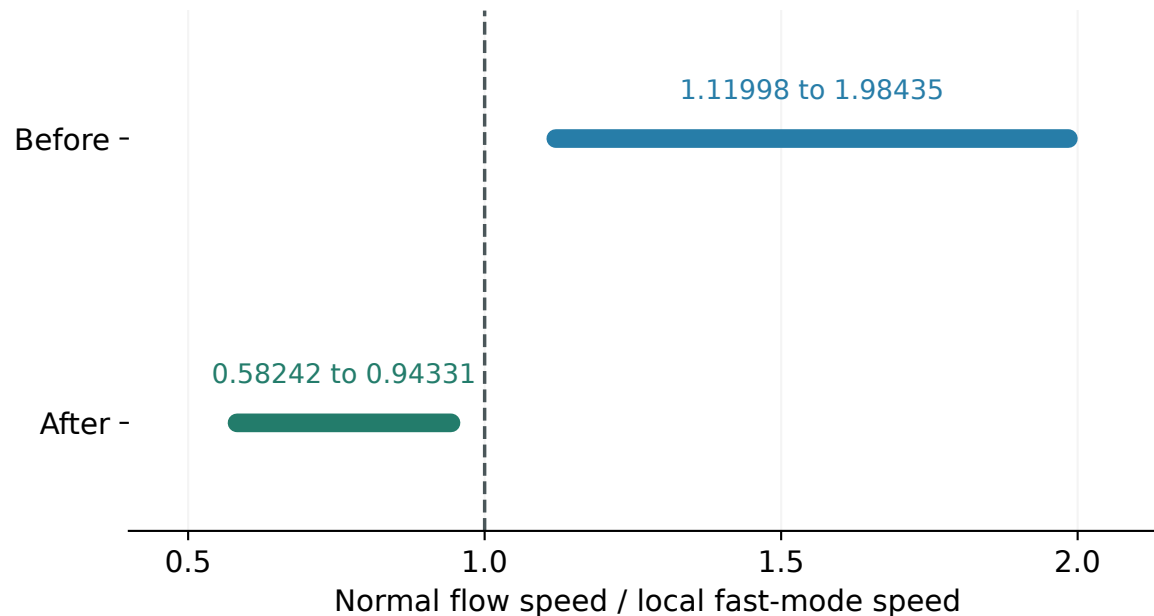
495.77 to 667.03 km/s

Upstream sound speed

126 to 186 km/s

Field-to-normal angle

83.3° to 90° (model range)



The whole chosen model domain passes conservation, entropy and characteristic-speed checks.

Bars are conservative mathematical enclosures, not confidence intervals or measured wave speeds.

Upstream plasma at rest is assumed. No solar field angle was inferred. Ma et al. / Kozarev et al. (2011).