Supporting Information for

“The effects of ionic liquids on the nucleofugality of dimethyl sulfide”

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**Raw data for NMR spectra**

Nomenclature used here for titles is as below

1a IL2 XIL=0.2 25C T2

This represents in order: substrate, ionic liquid, proportion of ionic liquid in the reaction mixture, temperature and trial number. In this case, it is second trial for the ethanolysis of the dimethyl species **1a** in a mixture of [bmim][N(SO2CF3)2] **2** in ethanol at *c***2** = 0.2 at 25°C.