A kinetic study of methane partial oxidation over FeZSM-5 using N₂O as an oxidant

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Fig. S1. First rank (a), second rank (b) and third rank (c) delplots of minor products taken from data collected over a series of experiments using different masses of 2% Fe-ZSM-5 at 300 °C; (▲) CH$_3$OH, (∗) C$_2$H$_6$ and (×) C$_2$H$_4$. 
Fig S2. First rank (a), second rank (b) and third rank (c) delplots of minor products taken from data collected over a series of experiments using different masses of 2% Fe-ZSM-5 at 300 °C with water in the feed; (×) C₆H₆.
Fig. S3 N\textsubscript{2} adsorption isotherms (A) and BET surface area plots (B) for: (i) H-ZSM-5, (ii) Fe-ZSM-5, (iii) Fe-ZSM-5-20\% and (iv) Fe-ZSM-5-0\% following testing at 300 °C for 3 h.