**Interactive comment on** “The role of transition metal ions on HO$_x$ radicals in clouds: a numerical evaluation of its impact on multiphase chemistry” **by L. Deguillaume et al.**

L. Deguillaume et al.

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General reviewer comment:

M2C2 has been developed on the basis of recent updated kinetic and thermodynamical data from literature and on the basis of the former chemical mechanism implemented in M2C2 and described in Leriche et al. (2000).

Specific comments of the reviewer have been considered in the revised paper and are listed below:

In the tables, italic printing are only used to equilibrate the chemical reactions. In table headers, n represents the order of the reaction. This will be indicated in the revised version.