

Correction for

Thermochemical Kinetics of Hydrogen-Atom Transfers Between Methyl, Methane, Ethynyl, Ethyne, and Hydrogen

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Table 3 in the paper is not correct. The corrected table is:

Table 3 Expectation values of Total Spin, $\langle \hat{S}^2 \rangle$, for Selected Species Using Different Methods^a.

| Species | HF | HF//MP2 | HF//BMC-CCSD | MPW1K | M06-L |
|------------------------------------|------|---------|--------------|-------|-------|
| CH ₃ | 0.76 | 0.76 | 0.76 | 0.76 | 0.76 |
| CCH | 1.12 | 1.02 | 1.17 | 0.80 | 0.78 |
| H-H-H | 0.79 | 0.79 | 0.79 | 0.76 | 0.76 |
| CH ₃ -H-CH ₃ | 0.79 | 0.79 | 0.79 | 0.76 | 0.769 |
| HCC-H-CCH | 1.22 | 1.11 | 1.41 | 0.80 | 0.78 |
| HCC-H-H | 1.07 | 1.02 | 1.18 | 0.80 | 0.78 |

^a In this table, the basis set is MG3S.