Table 7. Mean fractional deviation of the TAI scale interval from that of TT

The fractional deviation $d$ of the scale interval of TAI from that of TT (in practice the SI second on the geoid), and its relative uncertainty, are computed by the BIPM for all the intervals of computation of TAI, according to the method described in ‘Azoubib J., Granveaud M., Guinot B., Metrologia 1977, 13, pp. 87-93’, using all available measurements from the most accurate primary frequency standards (PFS) IT-CSF2, METAS-FOC2, NIM5, NIST-F1, PTB-CS1, PTB-CS2, PTB-CSF1, PTB-CSF2, SU-CSF02, SYRTE-FO1, SYRTE-FO2, SYRTE-FOM and secondary frequency standard (SFS) SYRTE-FORb, SYRTE-SR2, SYRTE-SrB and NICT-Sr1 consistently corrected for the black-body radiation shift.

In this computation, the uncertainty of the link to TAI has been computed using the standard uncertainty of [UTC-UTC($k$)] following the recommendation of the CCTF working group on PFS. The model for the instability of EAL has been expressed as the quadratic sum of three components: a white frequency noise $1.7 \times 10^{-15}/\sqrt{\tau}$ in 2013 and 2014 and $1.4 \times 10^{-15}/\sqrt{\tau}$ from 2015 to 2018, a flicker frequency noise $0.35 \times 10^{-15}$ in 2013 and 2014 and $0.3 \times 10^{-15}$ from 2015 to 2018 and a random walk frequency noise $0.4 \times 10^{-16}x\sqrt{\tau}$ in 2013 and $0.2 \times 10^{-16}x\sqrt{\tau}$ from 2014 to 2018, with $\tau$ in days. The relation between EAL and TAI is given in the following ftp://ftp2.bipm.org/pub/tai/other-products/ealtai/fealtai/fealltai.

<table>
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