The values of $\sigma_3$ listed in table 1 of Pankow and Pechmann (2004) are too large by a factor of $\sqrt{2}$ because they were calculated using equation (3) of Boore $et \ al.$ (1993), which has an error in it as reported by Boore (2005) and Spudich and Boore (2005). The $\sigma_3$ for the peak ground velocity (PGV) should be changed from 0.106 to 0.075. The rest of the $\sigma_3$ values are originally from table 2 of Spudich $et \ al.$ (1999), and their corrections are discussed in Spudich and Boore (2005). The $\sigma_3$ values are needed for calculating the standard deviation of the ground-motion prediction for a randomly oriented horizontal component. The results for the horizontal-component geometric mean are unaffected by the error.

References

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