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**Erratum for “Shear-Wave Velocity–Based Probabilistic and Deterministic Assessment of Seismic Soil Liquefaction Potential”**

**by R. Kayen, R. E. S. Moss, E. M. Thompson, R. B. Seed, K. O. Cetin, A. Der Kiureghian, Y. Tanaka, and K. Tokimatsu**

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Eq. (14) for cyclic resistance ratio (CRR) in the original paper is incorrect and should be replaced by the following equation:

$$CRR = \exp\left\{\frac{[(0.0073 \cdot V_{s1})^{2.8011} - 2.6168 \cdot \ln(M_w) - 0.0099 \cdot \ln(\sigma'_{vo}) + 0.0028 \cdot FC + 0.4809 \cdot \Phi^{-1}(P_L)]}{1.946}\right\} \quad (14)$$

In the original paper, the sign of the coefficient for the inverse of the normal cumulative distribution was incorrectly printed as  $-0.4809 \cdot \Phi^{-1}(P_L)$  and should be  $+0.4809 \cdot \Phi^{-1}(P_L)$ . All the graphs and findings in the original paper are based on the correct equation to define the cyclic resistance ratio (CRR).

In Table S1, Sites 171-173 in the City of Nishinomiya, Japan affected by the 1995 Hyogo-Nambu M7.0 Earthquake

are generically listed as parks, or in Japanese koen. The correct location names for the Nishinomiya City park sites are as follows: site 171 is Kotsu Koen, site 172 is Miyamea Koen, and site 173 is Kawazoe Koen. The M7.4 aftershock of the great Tohoku earthquake was incorrectly listed as having occurred on April 11, 2011. The M7.4 aftershock occurred on April 7, 2011.

