

Erratum to Kinematic Inversion of the 2004 M 6.0 Parkfield Earthquake Including an Approximation to Site Effects

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It has been brought to our attention by users of the kinematic finite-fault models published for the 2004 Parkfield earthquake in Liu *et al.* (2006) that the values in Table 2 (p. S149) are not correct. In fact, we erroneously published preliminary values of the correction factors for site effects in Table 2 of Liu *et al.* (2006) rather than the final values. The correct values used for the approximation for site effects are shown in the corrected Table 2 in this Erratum. The incorrect values printed in Table 2 of Liu *et al.* (2006) have no implications for the rest of the article: Figure 4 in Liu *et al.* (2006) is correct and plots the correct factors for site effects; the kinematic models presented in Liu *et al.* (2006) are correct and were obtained as described in the text of the article, only based on the correction factors for site effects now presented in the corrected Table 2. We wish to acknowledge the users of our finite-fault model who detected the error in Table 2 of Liu *et al.* (2006) for informing us of such. We sincerely apologize for any inconvenience this may have caused.

References

Liu, P., S. Custódio, and R. J. Archuleta (2006). Kinematic inversion of the 2004 M 6.0 Parkfield earthquake including an approximation to site effects, *Bull. Seismol. Soc. Am.* **96**, no. 4B, S143–S158, doi 10.1785/0120050826.

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Table 2
Weights W_i and Amplification Factors A_i Attributed to CGS Stations Based on
Coalinga Earthquake Observations

Station	W_i	A_i	Station	W_i	A_i	Station	W_i	A_i	Station	W_i	A_i
C1E	0.56	2.26	FZ1	0.74	5.03	GH1W	0.60	2.66	VC1W	1.06	1.56
C2E	2.00	1.04	FZ11	1.11	1.22	GH2E	1.62	1.11	VC2E	1.10	1.57
C2W	0.75	1.68	FZ12	1.01	2.12	GH3E	1.17	1.38	VC2W	1.79	0.98
C3E	0.94	1.28	FZ15	0.82	1.98	GH3W	0.83	1.81	VC3W	0.69	1.36
C3W	1.84	1.31	FZ3	0.55	2.95	GH5W	0.99	1.55	VC4W	1.53	0.85
C4AW	1.21	1.06	FZ4	0.74	2.73				VC5W	1.01	1.29
C4W	1.34	1.30	FZ6	0.64	2.38						
			FZ7	0.74	2.50	SC1E	1.16	1.05			
			FZ8	0.77	1.52	SC2E	1.02	1.09			
			FZ9	1.24	1.53	SC3E	1.66	1.18			

The weight of vertical components in the inversion is $W_i/10$. Stations that were not installed at the time of the Coalinga earthquake were attributed $W_i = 1$ and $A_i = 1$. More details on the amplification factors and weights can be found in the section entitled Data of the original article.

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