

Table 2. Performance of optimal parameter sets on calibration and validation VWC (validation in parentheses).

Soil depth (m)	% of observations inside GLUE bounds	Case 1		Case 2		Case 3	
		NSE	RMSE	NSE	RMSE	NSE	RMSE
0.05	97 (98)	0.67 (0.35)	0.056 (0.064)	0.30 (0.29)	0.082 (0.067)	0.63 (0.40)	0.059 (0.062)
0.1	98 (97)	0.60 (0.53)	0.056 (0.059)	0.36 (0.28)	0.071 (0.072)	0.56 (0.54)	0.059 (0.058)
0.2	59 (30)	0.22 (- 0.24)	0.096 (0.106)	-0.67 (- 1.7)	0.141 (0.156)	-0.21 (- 1.0)	0.120 (0.136)
0.5	80 (66)	0.75 (0.31)	0.020 (0.033)	0.62 (0.35)	0.025 (0.032)	0.51 (0.36)	0.029 (0.032)