Table 1 Earthquake segments and their behavioral segments of the Japanese inland surface ruptures

EARTHQUAKE SEGMENT						BEHAVIORAL SEGMENT								
Date	Earthquake name	Magnitude M	Length (km)	Dmax (m)	Casacade ratio	Segment name	Length (km)	net	Dmax ver. (m)	Dmax hori. (m)	Dmode (m)	Fault type	Recurrence interval (ky)	Slip rate (m/ky)
1891	Nobi	8	80	7.4	2.6	Nukumi	16	3.5	1.8	3		LL		B
						Neodani	31	7.4	0	7.4		LL	2.7	≧2
						Umehara	26	5.3	1.7	5		LL	≧12	B
1896	Rikuu	7.2	50	7.2	1.4	Senya	36	7.2	3.6			R	3.5	1.6
						Kawafune	14	2.8	2			R	≧5.7	B
1918	Omachi	6.1	1.1	0.2	1	Terakaido	1.1	0.2				R		
1925	Tajima	6.8	1.6	1	1	Tai	1.6	1	1			V		
1927	Kita-Tango	7.3	26.5 +	3.8	1.5?	Gomura	18 +	3.8	1	3.7	2.0	LL	≧6.1	B-C
						Yamada	8.5	1.2	0.9	1		R	≧4.5	B
1930	Kita-Izu	7.3	35	3.8	1.8	Tanna	15	3.8	1.5	3.5		LL	0.7-1.0	2
						Himenoyu	19	3		3		LL-RL	3.0-4.6	B-C
1938	Kucharo	6.8	12	2.6	1	Kucharo	10	2.6		2.6		LL		
1943	Totori	7.2	13	1.7	1	Shikano-Yoshioka	13	1.7	0.8	1.5		RL	4-8	C
1945	Mikawa	6.8	26	2.4	2	Fukozu	13	2.7	2			R	20-30	C
						Yokosuka	13	2.9	2	1.3		R-LL	≧54	C
1959	Teshikaga	6.1	2	0.1	1	Teshikaga	2	0.1	0.1			V		
1965	Matsushiro	SW	4	0.3	1	Matsushiro	4	0.3	0.2	0.3		LL		
1974	Izu-hanto Oki	6.9	6 +	0.5	1?	Irozaki	6 +	0.5	0.2	0.4		RL		B
1978	Izu-Oshima Kinkai	7.1	4.5 +	1.2	1.1 ?	Inatori-Omineyama	4 +	1.2	0.2	1.2		RL		
						Nekinota	0.5	0.2	0.1	0.2		RL		B
1995	Hyogo-ken Nanbu	7.2	16.6	2.5	1.1	Hokudan	15	2.5	1.4	2	1.6	RL	2-2.5	B
						Nadagawa	1.6	0.2	0.2	0.1	0.2	R		
1998	Iwata-ken N. H.	6.1	0.9	0.4	1	Shinozaki	0.9	0.4	0.3	0.3	0.4	R		B

Slip rate; B: 0.9-0.1 m/ky, C: ＜0.1 m/ky