

		Latitude	Length	Slip rate	Observation for EQ occurrence per year (1906–2016)					Modelled	<i>b</i> value	<i>R</i> ²
		(° N/° S)	(km)	(mm yr ⁻¹)	$4.5 \leq M_w < 4.9$	$5 \leq M_w < 5.9$	$6 \leq M_w < 6.9$	$7 \leq M_w < 7.9$	$8 \leq M_w$	<i>M</i> _w Max	(s.d)	
Sumatra subduction zone (SSZ)												
Model 1 (M1)	Zone 1	10.00–7.00° N	342	44		4.00	0.40	0.03	0.00	9	0.97 (0.10)	0.99
	Zone 2	7.00–4.00° N	352	46		4.49	0.29	0.03	0.00	9.2	1.06 (0.07)	0.98
	Zone 3	4.00–2.00° N	311	50	Not utilised in this study	4.60	0.53	0.02	0.03	9.2	0.56 (0.12)	0.96
	Zone 4	2.00° N–0.00	278	56		0.00	0.00	0.10	0.00	9.3	0.76 (0.10)	0.98
	Zone 5	0.00–2.00° S	265	56		3.09	0.49	0.00	0.00	9.3	0.72 (0.06)	0.99
	Zone 6	2.00–4.00° S	278	59		3.18	0.39	0.06	0.00	9.3	0.68 (0.08)	0.98
	Zone 7	4.00–7.00° S	448	62		11.07	0.79	0.01	0.01	9.4	0.85 (0.10)	0.99
Model 2 (M2)	Entire zone	10.00° N–7.00° S	2274	53		30.42	2.87	0.25	0.04	9.5	0.82 (0.10)	0.99
Sumatran fault zone (SFZ)												
Model 3 (M3)	Zone 1	5.57–5.01° N	82	13	0.22	0.17	0.04	0.01		7.6	0.57 (0.08)	0.96
	Zone 2	5.01–4.71° N	50	27	0.76	0.17	0.03	0.00		7.6	0.72 (0.04)	0.95
	Zone 3	4.71–4.45° N	45	27	0.76	0.17	0.01	0.00		7.9	0.91 (0.06)	0.98
	Zone 4	4.45–3.99° N	83	27	0.62	0.20	0.02	0.01		7.9	0.68 (0.10)	0.97
	Zone 5	3.99–3.16° N	142	27	0.98	0.22	0.04	0.01		7.9	0.65 (0.03)	0.98
	Zone 6	3.16–2.23° N	136	27	1.38	0.32	0.04	0.00		7.9	0.76 (0.07)	0.98
	Zone 7	2.23–1.18° N	138	27	2.11	0.37	0.02	0.00	N/A	7.6	1.03 (0.12)	0.96
	Zone 8	1.18° N–0.27° S	182	26	1.40	0.30	0.03	0.00		7.8	0.89 (0.09)	0.98
	Zone 9	0.27–1.71° S	194	28	0.78	0.20	0.04	0.01		8	0.63 (0.10)	0.94
	Zone 10	1.71–3.09° S	191	23	1.91	0.47	0.05	0.01		7.8	0.68 (0.08)	0.98
	Zone 11	3.09–4.34° S	196	13	1.98	0.78	0.04	0.00		7.9	0.82 (0.08)	0.96
	Zone 12	4.34–5.29° S	141	11	1.27	0.53	0.04	0.01		8	0.64 (0.11)	0.97
	Zone 13	5.29–6.00° S	90	11	1.58	0.52	0.03	0.00		7.7	0.85 (0.07)	0.98
Model 4 (M4)	Entire zone	5.57° N–6.00° S	1670	18	15.73	4.40	0.43	0.06		8.0	0.89 (0.1)	0.99