

<i>AS</i>	<i>USD</i>	<i>LSD</i>	<i>Hypo1</i>	<i>Hypo2</i>	<i>P(hypo1)</i>	<i>P(hypo2)</i>
1	0	22	10		1.00	
2	0	20	7	15	0.73	0.27
3	0	17	7	11	0.80	0.20
4	0	25	8	16	0.81	0.19
5	0	23	7	22	0.90	0.10
6	0	12	7		1.00	
7	0	21	6	12	0.76	0.24
8	0	24	8	22	0.86	0.14
9	0	15	8		1.00	
10	4	21	10	16	0.63	0.37
11	6	32	11	22	0.71	0.29
12	0	29	7	26	0.79	0.21
13	0	25	5	14	0.51	0.49
14	3	21	9	16	0.79	0.21
15	7	21	9	17	0.42	0.58
16	1	26	8	21	0.85	0.15
17	1	13	8		1.00	
18	0	17	9		1.00	
19shallow	1	15	8		1.00	
19deep	15	30	23		1.00	
20shallow	1	15	8		1.00	
20deep	15	30	23		1.00	
21	2	16	4	7	0.17	0.83
22	0	17	6	11	0.57	0.43
23	0	19	6	11	0.82	0.18
24	0	14	4	9	0.34	0.66
25shallow	1	15	8		1.00	
25deep	15	30	23		1.00	
26	0	30	7	19	0.72	0.28
27	0	22	6	18	0.58	0.42
28	0	20	9	11	0.35	0.65
29	0	27	7	24	0.76	0.24
30	0	32	5	20	0.35	0.65
31	0	4	2		1.00	
32	0	20	8	16	0.87	0.13
33	0	17	7	15	0.92	0.08
34	0	27	6	18	0.45	0.55
35	0	20	7	16	0.66	0.34
36	0	27	6	16	0.60	0.40
37	0	28	7	18	0.45	0.55
38	0	25	10		1.00	
39	0	22	8	16	0.75	0.25
40	0	23	8	18	0.67	0.33
41	2	33	9	25	0.40	0.60
42	1	24	7	19	0.50	0.50
43	0	18	5	11	0.41	0.59
44	0	18	9	17	0.84	0.16
45	0	20	6	11	0.68	0.32
46	0	35	10	28	0.59	0.41
47	4	23	10	20	0.70	0.30
48	0	31	8	22	0.41	0.59
49	0	5	3	5	0.70	0.30
50	0	22	6	13	0.46	0.54

Supplement 1. “*AS*” = area source identification number; “*USD*” = upper seismogenic depth, round to integer number; “*LSD*” = lower seismogenic depth, round to integer number; “*Hypo1*” = peak of the unimodal(if *Hypo2* is empty) or highest peak of the bimodal (if “*Hypo2*” exists) distribution that best fits the data; “*Hypo2*” = second highest peak of the bimodal distribution that best fits the data; “*P(Hypo1)*” = probability of the *Hypo1* (if *Hypo2* is empty this value is 1); “*P(Hypo2)*” = probability of *Hypo2*.