Uncovering the relationship between subducting bathymetric ridges and volcanic chains with significant earthquakes using geophysical data mining

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Table A.1 Latitude–longitude pairs pertaining to identified fracture-zone intersections with subduction zones.

Table A.2 Latitude–longitude pairs pertaining to identified volcanic ridge/seamount-chain intersections with subduction zones

APPENDIX

Table A.1 Latitude–longitude pairs pertaining to identified fracture-zone intersections with subduction zones.

Latitude	Longitude	Latitude	Longitude	Latitude	Longitude
-2.277	98.529	-4.194	-81.977	36.193	142.769
3.829	93.172	-4.499	-82.009	35.871	142.529
7.75	91.882	-5.103	-82.001	51.336	160.426
2.346	94.585	-5.361	-81.992	53.299	162.616
2.615	94.231	-10.087	-80.272	-37.94	-74.634
-7.972	104.055	-8.989	-80.898	-61.481	-61.098
-7.426	102.846	-10.398	-80.091	-56.746	-69.786
-6.792	102.075	15.218	-95.694	-61.324	-60.48
-3.092	99.202	13.383	-92.463	23.667	126.257
-7.215	102.483	-17.632	-73.569	23.91	126.634
1.757	95.715	-45.619	-75.997	-32.408	-72.789
17.003	-59.192	-45.834	-75.995	50.751	177.422
13.205	-57.587	-46.604	-75.969	51.023	-172.852
12.942	-57.544	-47.015	-75.993	50.525	-176.819
13.559	-57.652	-48.943	-76.988	-59.295	-24.365
13.887	-57.712	-43.892	-75.723	-58.21	-23.823
55.836	-152.693	-41.767	-75.396	-57.217	-24.215
56.249	-151.462	-40.334	-75.192	8.58	-82.61
14.891	-95.124	-40.024	-75.154	40.3	-124.73
-3.047	-81.642	42.641	147.255		

Table A.2 Latitude–longitude pairs pertaining to identified volcanic ridge/seamount-chain intersections with subduction zones.

Latitude	Longitude	Latitude	Longitude
-0.79	-81.54	-11.28	115.06
7.89	-83.36	-6.53	154.21
15.87	147.76	-25.19	-175.24
20.37	147.19	-35.8	-179.13
24.39	143.48	-40.64	178.5
54.11	163.1	-9.65	158.94
-15.27	-76.45	10.85	139.52