

Table S1. Individual splitting results at all the stations

EQ_Date_Time	Station	Phase	BAZ	inc	phi	Err_phi	dt	Err_dt	Q_factor	Quality
2011-04-03_14:07:09	BAIS	SKS	106.06	9.03	-80.13	3	1.24	0.19	1.0000	Good
2011-04-18_13:03:03	BAIS	SKS	122.01	8.29	-62.26	2	1.8	0.17	0.9843	Good
2011-07-29_07:42:23	BAIS	SKS	112.16	8.85	-82.08	3.5	1.04	0.16	0.9728	Good
2011-07-29_07:42:23	BAIS	SKKS	112.16	12.96	-72.35	40.5	1.96	0.28	0.8686	Good
2011-12-11_01:47:26	BAIS	PKS	15.58	6.05	57.66	18	0.48	0.2	0.9411	Good
2012-01-24_00:52:06	BAIS	SKS	113.84	8.88	-82.41	4	0.92	0.14	1.0000	Good
2012-12-07_18:19:07	BAIS	SKS	127.01	8.42	84.71	22	0.6	0.49	0.9371	Good
2013-04-26_06:53:28	BAIS	SKS	116.33	8.42	66.08	12.5	0.44	0.08	0.9101	Good
2014-02-02_09:26:37	BAIS	SKS	119.84	8.14	-80.41	14.5	0.76	0.24	0.8719	Good
2014-03-26_03:29:36	BAIS	SKS	114.60	8.76	-77.65	3.5	1.28	0.2	1.0000	Good
2014-05-01_06:36:35	BAIS	SKS	114.37	10.39	-83.98	8.5	1.04	0.23	0.9728	Good
2013-08-28_02:54:41	BARI	SKS	116.87	8.86	-67.41	2.5	1.72	0.23	0.9836	Good
2014-03-26_03:29:36	BARI	SKS	115.49	9.01	77.21	19	0.24	0.22	0.7223	Poor
2016-06-19_23:13:44	BARI	SKS	272.45	7.86	36.43	16	1.28	0.38	0.9558	Good
2008-07-19_22:39:53	BARL	SKS	105.49	9.08	-46.69	5	0.58	0.08	0.8071	Fair
2008-07-19_22:39:53	BARL	SKKS	105.49	13.01	-60.89	31.5	0.64	0.12	0.6027	Poor
2012-04-23_17:36:21	BICH	SKS	115.73	8.42	69.49	21.5	0.44	0.48	0.8743	Fair
2012-10-23_09:39:31	BICH	SKS	114.71	10.21	78.37	20	0.56	0.33	0.8645	Fair
2013-02-18_12:19:19	BICH	SKS	118.07	8.40	83.81	16.5	0.64	0.21	0.9232	Good
2014-05-01_06:36:35	BICH	SKS	114.60	10.50	82.24	5.5	0.68	0.09	0.7485	Poor
2014-11-10_10:04:22	BICH	SKS	115.21	10.25	82.85	20	0.64	0.38	0.7335	Fair
2014-11-16_22:33:22	BICH	SKS	125.40	8.20	89.12	16.5	0.8	0.3	0.9054	Good
2014-11-17_16:52:46	BICH	SKS	216.20	10.30	74.65	16	0.56	0.19	0.7861	Poor
2016-09-01_16:37:57	BICH	SKS	125.35	8.28	77.06	15	0.68	0.16	0.8493	Fair
2013-08-28_02:54:41	DEED	SKS	116.61	8.77	72.34	19.5	0.44	0.28	0.8072	Fair
2013-06-16_05:19:01	DEED	PKS	16.47	6.22	60.56	20	0.56	0.24	1.0000	Good
2013-04-22_01:16:33	DEED	PKS	20.24	7.63	34.41	0.5	0.96	0.02	1.0000	Good
2014-02-02_09:26:37	DEED	SKKS	120.37	12.79	77.74	16	0.84	0.19	0.8990	Good
2014-03-26_03:29:36	DEED	SKKS	115.22	12.97	76.65	6.5	0.76	0.07	0.9026	Good
2014-04-24_03:10:12	DEED	SKS	25.17	9.68	85.48	13	0.52	0.17	0.5350	Poor
2014-05-08_17:00:17	DEED	PKS	18.83	6.10	68.93	11	0.6	0.08	0.8056	Fair
2014-05-10_07:36:01	DEED	PKS	19.05	6.08	67.15	13	0.56	0.1	1.0000	Good
2016-09-24_21:07:13	DEED	SKS	105.64	8.87	59.46	13	1.08	0.15	0.8548	Fair
2016-10-18_16:36:41	DEED	SKS	112.39	9.01	80.14	27.5	0.48	0.22	0.7643	Poor
2011-09-09_19:41:35	DHUB	SKS	23.22	9.16	73.49	12	0.55	0.075	0.9357	Good
2016-02-20_15:51:22	DHUB	SKS	109.62	8.64	81.42	20.5	1	0.4375	0.9279	Good
2015-05-30_17:18:39	DIBR	SKKS	103.28	13.00	48.95	14.5	1.7	0.4875	1.0000	Fair
2013-02-18_12:19:19	DIRA	SKKS	117.92	12.79	75.33	22.5	0.52	0.61	0.5603	Poor

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2013-04-13_22:49:49	DIRA	SKS	112.71	10.67	52.36	14	0.32	0.08	0.6746	Fair
2013-04-22_01:16:33	DIRA	PKS	18.56	6.24	52.66	22	0.28	0.31	0.8990	Poor
2014-07-03_19:50:05	DIRA	SKKS	117.20	12.73	48.63	12.5	0.76	0.17	0.9026	Good
2014-11-16_22:33:22	DIRA	SKS	125.26	8.17	-85.01	18.5	0.8	0.39	0.7271	Poor
2011-02-21_10:57:53	ELEP	SKS	115.17	8.89	82.90	12	0.68	0.16	0.9246	Good
2011-03-31_00:11:59	ELEP	SKS	104.87	9.21	74.69	11	0.88	0.2	0.4032	Poor
2011-04-03_14:07:09	ELEP	SKS	106.31	9.08	-89.88	6.5	1.04	0.25	1.0000	Good
2011-04-18_13:03:03	ELEP	SKS	122.25	8.40	45.97	9	1.04	0.3	0.5063	Fair
2011-07-09_13:54:20	ELEP	SKS	116.53	8.36	54.28	13.5	1.04	0.34	0.4680	Poor
2011-07-29_07:42:23	ELEP	SKS	112.41	8.90	66.17	19	0.4	0.2	0.8558	Fair
2011-07-29_07:42:23	ELEP	SKKS	112.41	12.97	29.89	14.5	0.72	0.5	0.4956	Fair
2012-01-24_00:52:06	ELEP	SKS	114.09	8.94	59.83	20.5	0.48	0.32	0.9138	Good
2012-04-23_17:36:21	ELEP	SKS	115.77	8.43	69.52	15.5	0.52	0.15	0.8743	Good
2013-04-26_06:53:28	ELEP	SKS	116.58	8.51	70.33	19.5	0.68	0.25	0.9584	Good
2013-08-28_02:54:41	ELEP	SKS	116.25	8.67	47.99	13.5	0.96	0.26	0.8277	Fair
2013-12-04_14:55:40	ELEP	SKS	114.71	8.96	82.44	19.5	0.4	0.22	0.6216	Fair
2014-02-02_09:26:37	ELEP	SKS	120.09	8.21	57.83	11.5	0.68	0.16	0.8957	Good
2014-02-02_09:26:37	ELEP	SKKS	120.09	12.75	63.47	21.5	1.04	0.32	0.8744	Good
2014-03-26_03:29:36	ELEP	SKS	114.84	8.85	64.58	16	0.52	0.15	0.9371	Good
2014-03-26_03:29:36	ELEP	SKKS	114.84	12.96	-71.71	37	2.12	0.24	0.8577	Fair
2011-12-11_01:47:26	GUWA	PKS	15.37	5.78	-68.56	18.5	0.8	0.3125	0.8668	Good
2012-09-25_23:45:26	GUWA	SKS	24.28	5.66	58.38	13.5	0.85	0.175	0.8676	Good
2012-10-23_09:39:31	GUWA	SKS	114.32	10.16	67.98	9.5	0.45	0.05	0.9214	Good
2012-11-15_09:20:23	GUWA	PKS	15.97	5.88	56.05	21.5	0.5	0.4125	0.9371	Good
2012-11-15_09:20:23	GUWA	SKKS	15.97	10.93	26.25	27	1.5	0.4375	0.9329	Good
2014-05-04_09:15:53	GUWA	SKS	113.37	8.86	31.12	8.5	0.7	0.1625	0.7179	Fair
2014-05-04_09:15:53	GUWA	SKKS	113.37	12.97	58.84	11.5	0.55	0.125	0.9101	Good
2014-05-18_04:19:21	GUWA	SKS	114.29	10.54	53.92	19.5	0.65	0.35	1.0000	Good
2014-09-03_07:43:32	GUWA	SKKS	101.55	12.94	-86.73	1.5	2.95	0.1875	-0.9686	Poor
2015-05-19_13:54:56	GUWA	SKS	112.48	11.01	54.10	11	0.5	0.1	0.7788	Fair
2011-07-09_13:54:20	IMP	SKS	117.43	8.64	7.17	6	0.85	0.15	0.2456	Poor
2011-07-09_13:54:20	IMP	SKKS	117.43	12.92	-61.16	40	1.6	0.4	0.7914	Fair
2011-07-22_06:56:40	IMP	SKS	109.44	9.18	-8.79	14	0.35	0.1125	0.6719	Poor
2011-08-02_19:18:48	IMP	SKS	113.71	9.29	-8.57	16	0.6	0.225	0.7415	Fair
2014-05-10_07:36:01	ITAN	PKS	19.25	6.00	41.35	13	0.55	0.175	0.7303	Fair
2007-10-05_07:17:53	JAFI	SKKS	113.95	12.97	71.40	18.5	0.62	0.195	0.8722	Good
2010-11-03_23:34:44	JENG	pSKS	107.85	8.81	-56.35	8.5	0.8	0.18	0.9279	Good
2011-07-11_07:15:44	JENG	sSKS	117.02	8.46	80.76	18.5	0.52	0.25	0.5063	Poor
2011-07-11_07:15:44	JENG	SKKS	117.02	12.85	74.43	18.5	0.48	0.3	0.6797	Fair
2016-11-24_18:43:48	JENG	PKS	5.86	4.90	-14.12	24.5	0.8	0.5	0.2788	Poor
2013-11-23_07:48:32	JORH	SKKS	105.70	13.08	41.31	5.5	1.55	0.2625	0.9223	Good

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2015-06-12_11:07:06	JORH	SKS	102.95	8.89	66.80	17	0.75	0.25	0.8867	Fair
2007-09-28_01:01:48	JURI	SKS	114.72	10.86	-33.67	15	1.02	0.29	0.8676	Good
2007-10-16_21:05:41	JURI	SKKS	114.41	12.98	-12.15	14.5	0.36	0.36	0.6795	Fair
2008-04-09_14:47:51	JURI	SKS	113.68	11.02	-26.71	23	0.56	0.33	0.9323	Good
2008-07-19_22:39:53	JURI	SKS	105.50	9.08	-26.69	21.5	0.48	0.2	1.0000	Good
2010-08-16_19:35:48	KAPU	SKS	109.96	9.08	21.73	3.5	1.6	0.25	0.8915	Good
2010-09-03_16:35:46	KAPU	SKS	133.78	8.64	-88.55	6.5	1	0.05	0.9434	Good
2010-09-03_16:35:46	KAPU	SKKS	133.78	12.92	-46.96	18	1.76	0.65	0.4983	Poor
2010-09-03_16:35:46	KAPU	pSKS	133.78	8.65	-88.55	2.5	1	0.02	0.8622	Good
2012-04-23_17:36:21	KAPU	SKS	116.28	8.56	62.02	11	0.64	0.08	0.9558	Good
2013-04-26_06:53:28	KAPU	SKS	117.14	8.63	82.88	14	0.76	0.2	0.7078	Fair
2013-06-16_05:19:01	KAPU	PKS	17.55	7.49	69.69	17	0.64	0.51	0.7447	Poor
2013-07-24_03:32:35	KAPU	SKS	111.29	8.88	41.06	22	0.8	0.51	0.1888	Poor
2013-08-12_04:16:46	KAPU	SKS	119.12	8.61	-81.15	16.5	1.36	0.45	0.5854	Poor
2013-08-21_12:38:30	KAPU	PKS	18.49	7.66	70.64	17.5	0.52	0.24	0.8630	Good
2013-08-28_02:54:41	KAPU	SKS	116.89	8.83	58.61	11.5	0.76	0.08	0.7351	Fair
2014-03-19_16:00:23	KAPU	SKS	115.70	8.60	-86.55	5	0.92	0.08	1.0000	Good
2014-03-23_04:31:02	KAPU	SKKS	109.89	-4.27	81.84	12	0.76	0.11	0.9270	Good
2014-03-23_04:31:02	KAPU	SKS	109.89	9.08	41.66	14.5	0.6	0.27	0.0442	Poor
2014-03-26_03:29:36	KAPU	SKS	115.53	8.98	47.26	10.5	0.76	0.17	0.9026	Good
2014-03-26_03:29:36	KAPU	SKKS	115.53	-4.16	59.48	19	0.96	0.37	0.9306	Good
2014-01-13_04:01:04	KAYI	sSKS	337.22	5.12	-20.86	32	1.84	0.4	0.5134	Fair
2013-08-28_02:54:41	KODA	sSKS	116.68	9.08	88.39	10.5	0.56	0.1	0.8387	Fair
2014-02-02_09:26:37	KODA	SKKS	120.38	12.78	53.76	19.5	1.12	0.46	0.7415	Fair
2011-05-21_21:17:00	KOHI	SKS	118.99	8.64	-47.29	34	0.7	0.15	0.8387	Fair
2012-10-24_00:45:34	KOHI	PKS	359.02	4.21	35.02	11	1.15	0.15	0.9371	Good
2013-08-12_04:16:46	KOHI	SKS	119.36	8.75	-34.93	16.5	0.5	0.15	0.8558	Good
2014-11-01_18:57:22	KOHI	sSKS	108.63	9.46	-39.61	16	0.85	0.275	0.8229	Fair
2015-04-28_16:39:39	KOHI	SKKS	110.04	13.02	-40.44	16.5	1.1	0.2875	0.7522	Fair
2016-02-20_15:51:22	KOHI	SKKS	111.27	13.06	-57.23	5	1.3	0.075	0.7675	Fair
2013-05-23_21:07:46	KOLO	sSKS	107.96	8.84	-56.24	20	1.04	0.41	1.0000	Fair
2014-02-05_20:52:33	KOLO	sSKS	154.76	8.55	42.52	4.5	0.84	0.11	0.9287	Good
2011-03-31_00:11:59	LKP	SKS	106.25	9.63	54.04	7.5	1.5	0.1125	0.8657	Good
2011-04-15_02:06:27	LKP	SKS	103.24	9.15	35.07	4.5	1.15	0.0875	0.9121	Good
2011-04-15_02:06:27	LKP	SKKS	103.24	13.10	32.90	15.5	1.3	0.3	0.9169	Good
2011-04-18_13:03:03	LKP	SKS	123.37	12.94	40.70	6	2.08	0.3375	0.9090	Good
2011-05-21_21:17:00	LKP	SKS	119.35	8.74	45.07	11.5	1.7	0.375	0.9792	Fair
2011-07-09_19:35:20	LKP	SKS	117.61	8.69	45.34	2.5	1.8	0.0625	0.8728	Fair
2011-07-09_19:35:20	LKP	sSKS	117.61	8.70	39.34	5	2	0.2375	1.0000	Good
2011-07-22_06:56:40	LKP	SKS	109.97	9.31	33.73	9.5	1.35	0.325	1.0000	Good
2011-07-29_07:42:23	LKP	SKS	113.73	9.31	33.45	5	1.7	0.2125	0.9114	Good

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2011-08-19_03:54:27	LKP	SKS	105.98	9.41	29.77	7	1.4	0.25	0.9194	Good
2011-09-05_09:52:01	LKP	SKS	103.41	9.19	23.25	3	1.45	0.125	0.7755	Fair
2011-09-14_13:36:38	LKP	SKS	123.69	8.57	53.39	11.5	1.95	0.4125	0.9346	Fair
2011-09-15_11:59:52	LKP	SKS	104.86	9.68	30.66	5.5	1.2	0.1125	0.9138	Fair
2011-09-15_19:31:02	LKP	SKS	111.52	9.31	37.27	2.5	1.45	0.075	0.9371	Good
2011-10-08_08:53:12	LKP	SKS	108.01	8.80	31.81	5.5	1.3	0.1625	0.8338	Fair
2011-10-27_00:15:25	LKP	SKS	108.30	9.57	32.06	5	1.35	0.1125	0.9319	Good
2012-01-24_00:52:06	LKP	SKS	115.41	9.34	33.12	12.5	1.65	0.4625	0.9786	Fair
2012-02-04_07:40:13	LKP	SKS	108.35	8.89	38.14	2.5	1.45	0.075	0.9756	Fair
2012-04-23_17:36:21	LKP	SKS	116.95	8.77	32.68	2	1.95	0.0875	1.0000	Good
2012-04-28_10:08:07	LKP	SKS	106.92	9.08	24.72	2.5	1.4	0.0875	0.9747	Good
2012-05-05_20:23:31	LKP	SKS	109.19	8.88	32.97	6.5	1.4	0.2375	0.9747	Good
2012-05-05_20:23:31	LKP	SKKS	109.19	12.98	56.73	9.5	1.35	0.175	0.8096	Fair
2012-05-28_21:47:11	LKP	SKS	108.52	9.11	30.30	5	1.75	0.175	0.9798	Good
2012-05-29_03:33:26	LKP	SKS	111.98	9.30	35.71	7	1.6	0.2625	0.9779	Good
2012-07-18_08:09:46	LKP	SKS	110.40	9.29	42.15	15	1.1	0.3125	0.6313	Fair
2012-07-21_04:54:07	LKP	SKS	126.63	8.54	44.32	4.5	2.1	0.225	0.9832	Fair
2012-11-17_05:12:56	LKP	SKS	105.63	8.86	57.45	11	0.8	0.1125	0.9558	Fair
2014-05-01_06:36:35	LKP	SKS	116.12	10.98	37.71	7	2	0.2625	0.7025	Fair
2014-07-19_12:27:09	LKP	SKS	104.22	9.21	18.04	4.5	1.45	0.2	0.9204	Fair
2014-07-21_14:54:41	LKP	SKS	109.53	9.32	25.29	5	1.65	0.225	0.9239	Fair
2014-09-04_05:33:46	LKP	SKS	108.83	8.76	22.63	5	1.75	0.275	0.8976	Fair
2014-11-01_18:57:22	LKP	SKS	109.18	9.32	30.95	4	1.5	0.15	0.9054	Good
2015-05-20_00:30:51	LKP	SKS	107.83	9.10	37.62	9.5	1.25	0.2125	0.9311	Good
2015-05-30_17:18:39	LKP	SKS	103.70	9.10	29.53	9.5	1.1	0.2125	0.8416	Fair
2015-07-06_12:24:02	LKP	SKS	108.78	8.94	34.56	6.5	1.45	0.175	1.0000	Good
2015-08-14_13:28:00	LKP	SKS	115.37	8.72	33.12	7	1.5	0.2375	1.0000	Fair
2015-08-24_09:41:26	LKP	SKS	119.51	8.70	49.23	3.5	1.7	0.075	0.9246	Fair
2015-09-07_09:13:58	LKP	SKS	121.24	8.59	46.95	9	1.8	0.275	0.8518	Fair
2016-01-13_05:55:59	LKP	SKS	103.88	9.33	33.71	11.5	1.35	0.375	0.6888	Fair
2016-01-18_18:24:19	LKP	SKS	113.38	10.13	55.06	10	1.4	0.225	0.8031	Good
2011-04-18_13:03:03	MIGN	SKS	122.72	8.47	74.44	19	0.64	0.58	0.9232	Fair
2011-05-21_00:16:27	MIGN	SKKS	219.03	11.06	-88.44	10.5	0.84	0.19	0.5366	Fair
2011-05-21_21:17:00	MIGN	SKS	118.68	8.51	76.41	18.5	0.64	0.28	0.9116	Good
2012-01-19_06:48:48	MIGN	SKS	138.98	8.98	88.63	14	0.88	0.16	0.9679	Good
2012-01-24_00:52:06	MIGN	SKS	114.81	9.10	84.53	18.5	0.4	0.22	0.6208	Poor
2012-01-24_00:52:06	MIGN	SKKS	114.81	13.01	70.25	14	1.2	0.25	0.9329	Good
2013-08-12_04:16:46	MIGN	SKS	119.12	8.61	78.84	18.5	0.6	0.41	0.8743	Fair
2013-08-12_04:16:46	MIGN	SKKS	119.12	12.88	52.50	16.5	0.52	0.23	0.3693	Poor
2014-02-02_09:26:37	MIGN	SKS	120.51	8.34	-73.75	13	1.28	0.42	0.7264	Fair
2014-02-02_09:26:37	MIGN	SKKS	120.51	12.79	53.89	10	0.96	0.13	0.6735	Fair
2014-03-26_03:29:36	MIGN	SKS	115.52	8.99	89.24	17	0.56	0.23	0.3048	Fair
2014-07-03_19:50:05	MIGN	SKS	117.82	8.36	71.57	19.5	0.6	0.33	0.6822	Fair
2011-08-19_03:54:27	MOKO	SKS	105.50	9.30	21.31	3	1.4	0.1875	0.9747	Good
2011-09-05_09:52:01	MOKO	SKS	102.99	9.06	30.83	7	1.05	0.1875	0.7998	Fair
2011-09-14_13:36:38	MOKO	SKKS	123.41	12.86	-55.26	43.5	1.35	0.1	0.7095	Fair

Table S1. Individual splitting results at all the stations

2011-11-11_15:02:20	MOKO	sSKS	104.98	8.85	64.81	11	0.8	0.125	0.8463	Good
2012-01-28_17:42:54	MOKO	SKS	117.31	8.63	67.04	16	0.85	0.15	0.9246	Good
2012-02-10_01:47:34	MOKO	SKS	107.43	9.34	27.21	3.5	1.5	0.2	0.9764	Good
2013-01-27_09:59:27	MOKO	SKS	103.62	8.96	33.46	11	1.1	0.2625	0.9294	Fair
2014-11-01_18:57:22	MOKO	SKS	108.73	9.19	22.51	1.5	1.5	0.1625	1.0000	Good
2015-04-28_16:39:39	MOKO	SKS	110.14	9.16	25.90	2.5	1.35	0.1625	0.9738	Good
2015-05-20_00:30:51	MOKO	SKS	107.42	9.01	29.21	2	1.15	0.1	0.9693	Good
2015-05-30_17:18:39	MOKO	SKS	103.28	8.99	23.12	2	1.25	0.0875	1.0000	Good
2016-01-13_05:55:59	MOKO	SKS	103.43	9.17	29.27	6.5	0.95	0.1375	0.9628	Good
2013-06-16_05:19:01	PLIN	PKS	16.38	6.24	44.47	18	0.52	0.2	0.5646	Good
2014-05-08_17:00:17	PLIN	PKS	18.74	6.13	58.84	18.5	0.36	0.18	0.8994	Good
2014-05-10_07:36:01	PLIN	PKS	18.97	6.10	69.07	19	0.32	0.18	0.9371	Fair
2014-07-03_19:50:05	PLZI	SKS	117.41	8.22	69.17	21.5	0.4	0.81	0.8114	Poor
2014-07-03_19:50:05	PLZI	SKKS	117.41	12.75	46.83	16	1.32	0.27	0.6605	Poor
2014-11-10_10:04:22	PLZI	SKS	115.28	10.27	62.93	20	0.44	0.31	0.7176	Poor
2014-11-16_22:33:22	PLZI	SKS	125.46	8.22	85.18	7	0.68	0.05	0.8743	Good
2014-12-30_21:17:24	PLZI	SKS	108.79	8.90	78.58	13.5	0.44	0.12	0.6313	Fair
2013-04-22_01:16:33	POTN	PKS	20.50	7.66	56.66	17.5	0.8	0.16	0.9646	Fair
2014-05-08_17:00:17	POTN	PKS	19.08	6.06	41.18	5.5	1.08	0.13	0.8185	Good
2014-05-10_07:36:01	POTN	PKS	19.31	6.05	41.41	11.5	1.04	0.26	0.6017	Fair
2014-07-07_11:23:55	POTN	SKS	8.94	4.22	58.96	11.5	1.44	0.25	0.7666	Fair
2013-06-16_05:19:01	PUCH	PKS	17.08	6.31	33.18	7	0.88	0.16	1.0000	Good
2014-02-02_09:26:37	RAMS	SKKS	120.64	12.80	74.01	13.5	0.84	0.36	0.8699	Good
2014-05-08_17:00:17	RAMS	SKS	20.13	4.85	-39.81	21	0.16	0.23	0.6394	Fair
2013-08-12_04:16:46	RILU	SKKS	119.28	12.90	50.66	12	1.04	0.23	0.7506	Fair
2014-07-03_19:50:05	RILU	SKKS	118.03	12.82	59.43	18.5	0.6	0.43	0.5213	Fair
2009-12-09_09:46:09	RUPA	SKS	114.93	10.33	-73.43	33	1.16	0.39	0.0453	Fair
2010-01-15_10:14:02	RUPA	SKS	118.94	8.20	78.69	19.5	0.8	0.71	0.7388	Poor
2011-02-21_10:57:53	RUPA	SKS	115.08	8.87	62.82	21	0.28	0.28	0.7621	Poor
2011-02-21_10:57:53	RUPA	SKKS	115.08	12.97	64.52	9	1.12	0.19	0.8218	Poor
2011-02-21_23:51:43	RUPA	SKKS	133.15	12.87	84.42	20	1.12	0.32	0.9747	Good
2011-02-25_13:07:28	RUPA	PKS	9.83	5.78	15.87	3.5	1.56	0.22	0.8744	Fair
2011-02-25_13:07:28	RUPA	SKKS	9.83	10.94	56.00	15.5	0.76	0.15	0.9270	Good
2011-04-18_13:03:03	RUPA	SKS	122.16	8.36	-78.11	17	0.92	0.4	0.5134	Poor
2011-07-29_07:42:23	RUPA	SKKS	112.32	12.97	47.80	3.5	1	0.08	0.9371	Good
2011-12-11_01:47:26	RUPA	PKS	16.01	6.03	54.10	11.5	0.56	0.38	0.8048	Fair
2012-01-24_00:52:06	RUPA	SKS	114.00	8.91	67.74	22	0.36	0.48	0.8994	Poor
2012-02-10_01:47:34	RUPA	SKS	106.44	9.04	88.25	19	0.44	0.25	0.0985	Fair
2012-02-10_01:47:34	RUPA	SKKS	106.44	12.99	84.04	11.5	1.4	0.27	1.0000	Good
2012-12-07_18:19:07	RUPA	SKS	127.15	8.48	86.85	12.5	0.84	0.55	0.8574	Fair
2013-04-26_06:53:28	RUPA	SKKS	116.49	12.83	57.91	15	0.44	0.14	0.8008	Fair

Table S1. Individual splitting results at all the stations

2013-07-19_11:40:41	RUPA	SKKS	117.06	12.71	68.49	18.5	0.88	0.55	0.8702	Good
2013-12-04_14:55:40	RUPA	SKS	114.62	8.92	-85.65	7.5	0.52	0.15	-0.0328	Fair
2014-02-02_09:26:37	RUPA	SKS	120.00	8.19	-76.25	15.5	1	0.34	0.2086	Good
2014-05-01_06:36:35	RUPA	SKS	114.51	10.47	82.14	17.5	0.48	0.2	0.5835	Fair
2014-07-03_19:50:05	RUPA	SKS	117.30	8.19	-74.94	16.5	1.16	0.45	-0.1903	Fair
2014-07-03_19:50:05	RUPA	SKKS	117.30	12.73	-75.28	18.5	1.4	0.46	0.8810	Good
2014-11-10_10:04:22	RUPA	SKS	115.11	10.22	66.76	20.5	0.6	0.65	0.8586	Fair
2016-04-18_13:06:09	RUPA	SKS	113.35	10.89	52.97	16.5	0.48	0.22	0.4447	Fair
2016-07-20_15:13:16	RUPA	SKS	112.86	10.89	52.49	12	0.32	0.11	0.5270	Fair
2012-11-15_09:20:23	SAIH	PKS	18.79	5.28	0.86	6.5	1.8	0.3	0.8405	Fair
2014-09-04_05:33:46	SAIH	SKS	108.67	8.62	0.47	1.5	1.95	0.0875	0.9819	Good
2015-04-24_03:36:43	SAIH	SKS	132.43	9.10	-7.94	16.5	1.4	0.1875	1.0000	Good
2012-01-24_00:52:06	SAIH	SKS	114.73	9.29	-9.55	4.5	1.35	0.1375	0.9738	Good
2012-04-23_17:36:21	SAIH	SKS	116.74	8.75	-9.53	6	1.3	0.1375	0.9315	Good
2012-05-02_12:17:59	SAIH	SKS	153.28	10.71	30.88	10	0.85	0.1125	0.8957	Fair
2012-05-29_03:33:26	SAIH	SKS	111.33	9.20	1.08	6.5	1.65	0.275	0.9101	Fair
2012-09-24_10:31:23	SAIH	SKS	108.77	8.76	-19.43	3.5	1.1	0.0875	0.7016	Fair
2012-10-23_09:39:31	SAIH	SKS	114.86	10.62	-13.51	11.5	1.4	0.25	1.0000	Good
2016-05-08_07:34:02	SGRM	SKS	15.11	4.53	-54.85	1	1.24	0.03	0.1840	Poor
2012-05-01_16:38:00	SHL	PKS	16.99	5.80	87.07	8	1.1	0.195	0.9263	Good
2012-05-01_16:38:00	SHL	SKKS	16.99	10.94	-50.71	6.5	2.14	0.135	0.9868	Poor
2012-07-29_12:22:15	SHL	PKS	6.34	4.80	68.37	15.5	0.56	0.18	0.2116	Fair
2012-11-15_09:20:23	SHL	PKS	16.35	5.77	84.42	9	0.9	0.18	0.8222	Good
2013-06-16_05:19:01	SHL	PKS	14.67	5.69	60.74	19	0.44	0.255	0.8588	Poor
2014-05-10_07:36:01	SHL	PKS	17.35	5.59	75.42	18.5	0.56	0.23	0.7581	Fair
2014-07-19_12:27:09	SRLI	SKS	102.97	8.86	-41.18	15.5	0.48	0.12	0.8024	Fair
2013-06-16_05:19:01	TABA	PKS	17.17	7.66	57.32	15.5	0.56	0.11	0.9194	Good
2014-03-23_04:31:02	TABA	SKS	109.77	9.08	57.54	19	0.64	0.44	0.8463	Fair
2014-03-26_03:29:36	TABA	SKS	115.44	8.99	51.16	21.5	0.52	0.38	0.3469	Fair
2014-03-26_03:29:36	TABA	SKKS	115.44	12.99	46.87	18.5	0.72	0.22	0.6049	Fair
2016-04-18_13:06:09	TABA	SKS	114.31	11.13	77.90	15.5	0.48	0.11	0.8743	Good
2016-07-20_15:13:16	TABA	SKS	113.83	11.15	89.43	17	0.48	0.16	0.3287	Poor
2013-08-12_04:16:46	TAWA	SKKS	118.22	12.79	55.63	19	0.96	0.25	0.8709	Fair
2014-02-02_09:26:37	TAWA	SKKS	119.73	12.74	35.12	3	1.48	0.23	0.6694	Fair
2014-02-02_09:26:37	TAWA	SKS	119.73	8.11	57.48	20.5	0.44	0.49	0.5436	Poor
2014-11-10_10:04:22	TAWA	SKS	114.86	10.11	58.52	16.5	0.55	0.1625	0.9371	Good
2015-05-19_13:54:56	TAWA	SKS	112.62	10.92	38.25	4.5	0.65	0.1	0.7940	Fair
2013-06-07_12:54:11	TEZP	SKS	113.03	9.04	72.77	5.5	0.6	0.05	0.9138	Good
2013-07-19_11:40:41	TEZP	SKS	117.33	8.24	43.09	9.5	1.3	0.225	0.9728	Good
2013-07-19_11:40:41	TEZP	SKKS	117.33	12.76	32.75	9.5	1.55	0.3	0.5520	Fair
2013-07-21_05:09:31	TEZP	SKS	131.06	8.59	-77.26	13.5	1	0.375	0.9646	Fair

Table S1. Individual splitting results at all the stations

2013-08-12_04:16:46	TEZP	SKS	118.74	8.55	50.47	13	0.95	0.1625	0.9270	Good
2013-08-12_04:16:46	TEZP	SKKS	118.74	12.86	86.13	11	0.8	0.125	0.7158	Fair
2013-08-28_02:54:41	TEZP	SKS	116.41	8.74	78.14	4.5	0.8	0.075	0.8463	Fair
2014-05-01_06:36:35	TEZP	SKS	114.68	10.57	78.31	7.5	0.9	0.125	0.8518	Good
2014-08-24_10:20:44	TEZP	sSKS	28.25	7.79	76.48	6.5	1	0.1125	0.8558	Fair
2014-11-01_18:57:22	TEZP	SKS	107.99	8.95	75.79	6.5	0.6	0.1125	0.5692	Fair
2015-01-28_02:43:19	TEZP	SKS	109.32	8.91	81.11	20.5	0.85	0.3375	0.9584	Good
2015-01-28_02:43:19	TEZP	sSKS	109.32	9.23	47.09	13	0.8	0.15	0.8668	Good
2015-04-28_16:39:39	TEZP	SKS	109.40	8.91	79.19	12.5	0.65	0.2	0.8338	Fair
2012-04-22_12:20:46	TURA	SKS	152.31	10.52	13.91	19.5	0.55	0.2	0.9357	Good
2011-05-05_13:24:06	ZIRO	PKS	16.67	7.81	82.82	25.5	0.7	0.3625	0.7291	Fair
2012-01-21_18:47:15	ZIRO	PKS	9.85	5.29	51.89	10	0.9	0.1375	0.9259	Good
2012-04-02_17:36:43	ZIRO	PKS	16.41	5.78	80.49	16.5	0.45	0.15	0.8994	Good
2014-12-07_12:11:33	ZIRO	PKS	7.72	5.05	73.75	14	0.85	0.125	0.9371	Good
2015-12-31_10:57:00	ZIRO	PKS	0.77	4.57	56.77	16	1.05	0.1875	0.9663	Fair
2017-01-29_14:59:51	AGAR	SKS	117.59	8.42	-14.66	13.5	1.62	0.205	0.9913	Good
2017-01-30_23:35:23	AGAR	SKS	109.37	11.77	-19.01	4	1.8	0.16	0.9529	Good
2017-11-14_10:50:05	AZWL	SKS	106.94	9.10	-23.26	18	0.6	0.325	0.8821	Fair
2016-09-24_04:02:13	AZWL	SKS	120.36	8.46	-17.91	22.5	0.8	0.675	0.7415	Poor
2017-04-05_22:17:42	AZWL	SKKS	112.63	13.55	6.06	2	0.8	0	0.8915	Good
2016-11-08_03:09:28	AZWL	SKS	154.20	9.74	-14.13	3.5	2.1	0.125	0.8990	Good
2017-03-09_11:14:26	AZWL	SKS	154.99	9.41	24.69	19.5	0.7	0.375	0.9371	Good
2017-01-16_20:47:38	AZWL	S	109.04	18.90	-9.92	12.5	1.7	0.2	1.0000	Good
2018-02-27_17:29:23	AZWL	SKS	154.88	9.38	36.58	12.5	0.6	0.525	0.8664	Fair
2016-09-08_21:46:20	AZWL	SKS	147.87	9.34	25.53	21	0.5	0.775	0.6770	Poor
2017-09-20_01:43:30	AZWL	SKS	142.95	9.37	-19.42	19.5	0.8	0.2	0.9371	Fair
2017-11-11_00:36:15	AZWL	SKS	265.56	7.46	43.60	15	1.2	0.2	0.9411	Good
2017-11-14_10:50:05	AZWL	SKKS	106.94	13.01	-21.47	16.5	0.6	0.25	0.8821	Fair
2017-11-11_00:36:15	AZWL	SKS	265.56	7.46	43.60	15	1.2	0.2	0.9411	Good
2018-07-08_21:04:36	BONG	SKS	111.89	10.29	-80.43	26.5	0.7	0.285	0.8976	Fair
2018-07-13_09:46:49	BONG	SKS	112.01	10.43	47.68	22.5	0.34	0.425	0.6684	Poor
2018-10-02_10:08:37	BONG	SKS	111.59	10.78	67.24	21.5	0.26	0.38	0.9456	Good
2018-10-07_17:42:21	BONG	SKS	115.56	8.14	65.33	18	0.4	0.24	0.7461	Fair
2018-02-27_17:29:23	DIPH	SKS	155.00	8.89	30.73	22	0.8	0.475	0.9371	Good
2016-09-01_16:37:57	NAMS	SKKS	126.40	12.88	81.70	10.5	1.6	0.25	1.0000	Good
2016-09-24_04:02:13	NAMS	SKS	120.70	8.55	88.42	22.5	0.7	0.55	0.8810	Fair
2016-09-24_21:28:41	NAMS	SKS	109.49	9.28	43.26	15.5	0.8	0.25	1.0000	Fair
2016-09-25_04:28:37	NAMS	SKS	120.68	8.54	80.40	19.5	0.6	0.825	0.9371	Fair
2016-11-12_16:15:51	NAMS	SKS	115.37	9.32	29.08	6	2	0.425	1.0000	Fair
2017-06-29_07:03:10	NAMS	SKS	120.33	8.80	56.03	18	0.8	0.325	0.8463	Good
2017-06-29_07:03:10	NAMS	SKKS	120.33	12.96	77.69	16.5	1.2	0.55	0.9411	Fair

Table S1. Individual splitting results at all the stations

2018-02-27_17:29:23	NAMS	SKS	155.71	9.03	25.44	22.5	0.5	0.65	0.9371	Fair
2018-04-02_05:57:31	NAMS	SKS	113.33	8.88	29.08	2.5	1.4	0.2	0.8360	Fair
2018-05-04_22:32:55	NAMS	SKS	63.87	9.30	-39.83	21.5	1.2	0.5	1.0000	Fair
2018-09-30_10:52:23	NAMS	SKS	108.10	9.37	53.87	19	0.7	0.35	0.7096	Fair
2018-10-07_17:42:21	NAMS	SKS	117.37	8.89	81.09	13	1.2	0.5	1.0000	Poor
2017-03-09_11:14:26	NKCR	SKS	155.40	9.09	25.12	16	0.8	0.775	0.9371	Good
2015-08-24_09:41:26	SHLS	SKS	118.40	8.39	88.15	15	1	0.8	0.7115	Fair
2016-03-01_09:26:40	SHLS	SKS	120.36	8.21	72.10	19.5	0.5	0.875	0.7643	Fair
2016-03-08_05:36:27	SHLS	SKS	101.81	8.72	-28.32	18	1.2	0.8	0.9138	Good
2016-10-26_05:19:54	SHLS	SKS	102.87	8.87	-25.28	24	0.5	0.85	0.9371	Fair
2017-01-03_21:52:31	SHLS	SKS	109.90	9.86	73.63	18	1.8	0.475	0.9607	Fair
2017-05-10_23:23:36	SHLS	SKS	217.42	5.49	3.54	21	0.5	0.85	0.9371	Good
2016-10-18_16:36:41	SILS	SKS	112.37	9.07	78.12	20.5	0.5	0.625	1.0000	Fair
2017-05-25_06:02:18	SILS	SKKS	110.18	12.97	63.70	14	0.8	0.5	1.0000	Fair
2017-05-25_06:02:18	SILS	SKS	110.18	8.80	53.96	22	0.7	0.4	1.0000	Good
2018-09-16_21:11:48	SILS	SKS	115.03	9.13	84.75	22	0.4	0.9	1.0000	Good
2018-09-16_21:11:48	SILS	SKKS	115.03	13.02	86.46	20.5	0.6	0.65	0.8743	Good
2018-11-18_20:25:46	SILS	SKS	107.00	9.25	54.79	21.5	0.4	0.675	0.8743	Good
2018-11-18_20:25:46	SILS	SKKS	107.00	13.11	48.58	15.5	1.8	0.175	0.9371	Good