

**Appendix.** Moment Tensors solutions for 40 seismic events of the Cephalonia sequence for the time period from 26.01.2014 to 05.03.2014. Key: n=event number, h=hour, m=minutes, s=sec, Lat. and Lon.=epicentral geographic latitude and longitude, respectively,  $M_0$ =seismic moment,  $M_w$ =moment magnitude, MT=strike dip and rake of the two nodal planes, misfit, percentage of CLVD, number of stations used in the MT inversion and the quality of the solution. CMT solutions produced by Harvard (<http://www.seismology.harvard.edu/CMTsearch.html>) for the three largest earthquakes of the sequence are listed in the three lines at the end of this Table.

Nr	Origin		Location		Mo (dyn-cm)	Mw	Depth (km)		Plane 1			Plane 2			Misfit	CLVD (%)	Nr of stations	Quality
	Date (D/M/Y)	Time (UTC)	Lat (°)	Lon (°)			Catalog	MT	Strike (°)	Dip (°)	Rake (°)	Strike (°)	Dip (°)	Rake (°)				
1	26/01/2014	13:55:42	38.2000	20.4000	1.51E+25	6.1	21.1	13	23	68	175	115	85	22	0.2	10	5	A1
2	26/01/2014	14:08:39	38.1880	20.5325	2.96E+22	4.3	18.9	12	20	64	170	114	81	26	0.5	15	4	B1
3	26/01/2014	14:21:58	38.2088	20.3787	9.52E+21	4.0	9.9	8	22	67	168	117	79	23	0.6	12	4	C1
4	26/01/2014	14:24:04	38.2532	20.3903	2.22E+22	4.2	14.5	14	19	62	170	114	81	28	0.5	16	4	B1
5	26/01/2014	14:41:39	38.2167	20.4757	2.22E+22	4.2	17.1	13	20	60	172	114	83	30	0.4	13	4	B1
6	26/01/2014	14:55:50	38.2132	20.4100	9.52E+21	4.0	14.2	14	23	68	176	115	86	22	0.5	12	4	B1
7	26/01/2014	14:59:25	38.3030	20.4753	7.35E+22	4.5	12.9	12	25	65	179	115	89	25	0.4	10	4	B1
8	26/01/2014	15:36:39	38.2363	20.4373	1.38E+22	4.1	17.1	13	18	64	170	112	81	26	0.6	8	5	C1
9	26/01/2014	18:45:08	38.2358	20.4410	5.99E+23	5.2	16.5	12	19	62	170	114	81	28	0.25	9	5	A1
10	26/01/2014	19:03:07	38.1873	20.4177	2.96E+22	4.3	17.1	13	20	69	169	114	80	21	0.5	12	5	B1
11	26/01/2014	19:12:04	38.2408	20.4002	4.06E+22	4.4	18.0	12	22	70	168	116	79	20	0.3	15	4	A1
12	26/01/2014	21:15:34	38.1337	20.3002	8.17E+22	4.6	10.4	11	23	65	170	117	81	25	0.5	14	4	B1
13	26/01/2014	21:42:12	38.1890	20.4862	9.52E+21	4.0	13.0	13	17	64	165	114	77	27	0.4	13	4	B1
14	26/01/2014	23:06:55	38.2398	20.4297	2.22E+22	4.2	18.3	13	24	65	174	117	85	25	0.4	12	4	B1
15	27/01/2014	09:47:38	38.1517	20.4025	1.38E+22	4.1	14.8	14	26	68	175	118	85	22	0.3	10	4	A1
16	27/01/2014	13:05:50	38.2308	20.4403	2.96E+22	4.3	11.1	11	19	69	169	113	80	21	0.5	8	4	B1

17	27/01/2014	15:39:34	38.3748	20.4222	2.22E+22	4.2	13.8	13	20	80	-173	289	83	-10	0.6	7	4	C1
18	28/01/2014	01:05:55	38.2542	20.4347	9.52E+21	4.0	15.1	12	20	65	172	113	83	25	0.4	12	4	B1
19	28/01/2014	05:12:53	38.2083	20.3817	2.96E+22	4.3	12.8	8	22	62	170	117	81	28	0.6	8	4	C1
20	28/01/2014	08:07:11	38.2138	20.5502	9.52E+21	4.0	15.3	11	23	60	172	117	83	30	0.3	13	4	A1
21	28/01/2014	14:49:33	38.2120	20.4552	9.52E+21	4.0	17.7	11	25	68	174	117	84	22	0.4	10	4	B1
22	28/01/2014	19:12:11	38.4048	20.5022	1.38E+22	4.1	10.6	12	17	64	176	109	86	26	0.4	12	4	B1
23	28/01/2014	22:22:37	38.4037	20.4885	2.22E+22	4.2	15.6	13	20	65	173	113	84	25	0.5	9	4	B1
24	28/01/2014	22:23:39	38.3927	20.4418	2.22E+22	4.2	15.9	12	22	60	175	115	86	30	0.5	13	4	B1
25	30/01/2014	11:06:18	38.4050	20.5267	4.06E+22	4.4	9.2	8	4	73	159	100	70	18	0.6	12	4	C1
26	31/01/2014	06:52:47	38.4210	20.4843	4.06E+22	4.4	12.4	12	19	64	170	113	81	26	0.5	7	4	B1
27	31/01/2014	12:45:40	38.4180	20.4677	2.96E+22	4.3	18.6	13	18	65	170	112	81	25	0.3	12	4	A1
28	01/02/2014	16:33:38	38.1727	20.3876	7.35E+22	4.5	10.6	12	17	68	175	109	85	22	0.4	8	4	B1
29	03/02/2014	03:08:44	38.2527	20.3948	2.46E+24	6.0	10.5	9	20	67	174	112	84	23	0.2	10	5	A1
30	04/02/2014	19:42:12	38.2817	20.3702	2.22E+22	4.2	16.5	11	23	66	172	116	83	24	0.5	10	4	B1
31	07/02/2014	03:26:43	38.3253	20.4325	2.22E+22	4.2	13	9	25	60	170	120	81	30	0.4	12	4	B1
32	07/02/2014	08:59:43	38.2338	20.4558	2.22E+22	4.2	12.9	12	20	65	175	114	81	25	0.4	9	4	B1
33	09/02/2014	08:22:58	38.1752	20.3675	7.35E+22	4.5	11.2	12	20	67	180	110	90	23	0.45	12	4	B1
34	12/02/2014	10:34:31	38.1655	20.3538	8.17E+22	4.6	11.1	12	25	70	166	120	77	21	0.4	14	5	B1
35	14/02/2014	03:38:33	38.1677	20.3432	8.17E+22	4.7	9.8	13	20	67	170	114	81	23	0.5	13	5	B1
36	21/02/2014	15:18:23	38.2147	20.972	7.35E+22	4.5	16.2	13	26	73	177	117	87	17	0.5	10	4	B1
37	05/03/2014	12:49:20	38.078	20.3092	8.17E+22	4.6	20.4	12	30	70	170	123	80	15	0.3	12	4	A1
38	05/03/2014	15:08:43	38.0792	20.3467	1.38E+22	4.1	18	14	18	70	168	112	79	20	0.5	13	4	B1
39	05/03/2014	18:42:02	38.1423	20.4185	9.52E+21	4.0	16.3	12	22	65	168	117	79	25	0.5	10	4	B1
40	10/03/2014	23:27:48	38.2087	20.2852	9.52E+21	4.0	13.4	12	25	70	170	120	85	26	0.4	9	4	B1
H1	26/01/2014	13:55:50	38.1500	20.3600	2.04E+25	6.1		14.3	20	65	177	111	87	25	HARVARD			
H2	26/01/2014	18:45:12	38.1000	20.2500	2.02E+24	5.5		16.5	16	39	138	141	65	59	HARVARD			
H3	03/02/2014	03:08:50	38.1200	20.3700	1.49E+25	6.0		12	12	45	154	120	72	48	HARVARD			