

Dataset (#)	IUBD	TRD	GD	LND	PMD
EMD1 (1)	a=3.6 b=7	a=2.4 b=-11	a=11 b=0.067	a=-0.33 b=0.31	a=3.3 b=7.7
EMD1 (2)	a=3.6 b=6.7	a=2.2 b=-11	a=11 b=0.069	a=-0.3 b=0.31	a=3.3 b=7.4
EMD1 (3)	a=2.3 b=3.9	a=2.4 b=-6.7	a=7 b=0.11	a=-0.27 b=0.4	a=1.9 b=4.6
EMD1 (4)	a=2.9 b=5.5	a=2.4 b=-8.8	a=8.9 b=0.083	a=-0.32 b=0.35	a=2.6 b=6.3
EMD1 (5)	a=3.7 b=7.6	a=2.4 b=-11	a=12 b=0.062	a=-0.35 b=0.3	a=3.4 b=8.3
EMD1 (6)	a=1.9 b=0.9	a=0.92 b=-3.4	a=3.7 b=0.42	a=0.39 b=0.59	a=1.4 b=1.3
EMD1 (7)	a=1.8 b=1.9	a=1.8 b=-4.4	a=4.9 b=0.2	a=-0.046 b=0.5	a=1.4 b=2.6
EMD1 (8)	a=1.6 b=1.8	a=1.9 b=-4.2	a=4.6 b=0.22	a=-0.046 b=0.52	a=1.3 b=2.4
EMD1 (9)	a=1.8 b=1.6	a=1.6 b=-4.2	a=4.4 b=0.25	a=0.036 b=0.52	a=1.4 b=2.2
EMD1 (10)	a=1.4 b=1.5	a=2.1 b=-3.6	a=3.9 b=0.26	a=-0.04 b=0.56	a=1 b=2.1
EMD1 (11)	a=2.5 b=3.3	a=1.8 b=-6.6	a=6.9 b=0.13	a=-0.14 b=0.4	a=2.2 b=4
EMD1 (12)	a=2.6 b=3.7	a=2 b=-6.9	a=7.2 b=0.12	a=-0.19 b=0.39	a=2.2 b=4.4
EMD1 (13)	a=1.9 b=2.6	a=2.1 b=-5.3	a=5.4 b=0.16	a=-0.17 b=0.46	a=1.6 b=3.3
EMD1 (14)	a=2.1 b=2.8	a=2 b=-5.7	a=5.9 b=0.15	a=-0.14 b=0.44	a=1.8 b=3.5
EMD1 (15)	a=3.2 b=5	a=2 b=-8.8	a=9.1 b=0.091	a=-0.22 b=0.35	a=2.9 b=5.6
EMD1 (16)	a=1.9 b=1.5	a=1.4 b=-4.1	a=4.3 b=0.27	a=0.11 b=0.53	a=1.4 b=2
EMD1 (17)	a=2 b=1.7	a=1.5 b=-4.4	a=4.6 b=0.24	a=0.069 b=0.5	a=1.5 b=2.2
EMD1 (18)	a=1.7 b=2.1	a=2.1 b=-4.6	a=5 b=0.18	a=-0.12 b=0.49	a=1.4 b=2.8
EMD1 (19)	a=1.7 b=1.8	a=1.7 b=-4.3	a=4.7 b=0.22	a=-0.013 b=0.51	a=1.4 b=2.4
EMD1 (20)	a=1.7 b=1.8	a=1.8 b=-4.3	a=4.4 b=0.24	a=-0.011 b=0.52	a=1.3 b=2.3
EMD1 (21)	a=2.5 b=3.2	a=1.8 b=-6.4	a=6.7 b=0.14	a=-0.12 b=0.41	a=2.1 b=3.8
EMD1 (22)	a=2 b=2.2	a=1.8 b=-4.9	a=5.2 b=0.19	a=-0.055 b=0.47	a=1.6 b=2.8
EMD1 (23)	a=1.7 b=2.5	a=2.4 b=-4.9	a=5.3 b=0.16	a=-0.21 b=0.47	a=1.4 b=3.3
EMD1 (24)	a=1.8 b=2	a=1.9 b=-4.5	a=4.8 b=0.2	a=-0.06 b=0.5	a=1.4 b=2.6
EMD1 (25)	a=2.1 b=2.6	a=1.9 b=-5.4	a=5.7 b=0.16	a=-0.12 b=0.45	a=1.7 b=3.2
EMD1 (26)	a=1.7 b=1.4	a=1.5 b=-3.8	a=4 b=0.3	a=0.11 b=0.55	a=1.3 b=1.9
EMD1 (27)	a=2.2 b=1.7	a=1.3 b=-4.6	a=4.7 b=0.25	a=0.13 b=0.5	a=1.7 b=2.2
EMD1 (28)	a=1.6 b=1.5	a=1.8 b=-3.9	a=4.1 b=0.27	a=0.018 b=0.54	a=1.2 b=2.1
EMD1 (29)	a=1.4 b=0.86	a=1.5 b=-2.9	a=3.1 b=0.43	a=0.22 b=0.64	a=0.92 b=1.3
EMD1 (30)	a=2 b=1.4	a=1.3 b=-4.2	a=4.3 b=0.28	a=0.15 b=0.52	a=1.5 b=1.9
EMD1 (31)	a=0.88 b=0.19	a=1.5 b=-1.6	a=1.8 b=1.3	a=0.67 b=0.92	a=0.42 b=0.56
EMD1 (32)	a=1.5 b=1.3	a=1.8 b=-3.6	a=3.9 b=0.28	a=0.044 b=0.56	a=1.1 b=1.9
EMD1 (33)	a=2.1 b=2.1	a=1.6 b=-4.9	a=5.5 b=0.19	a=-0.00092 b=0.47	a=1.8 b=2.8
EMD1 (34)	a=1.2 b=1.3	a=2.3 b=-3.3	a=3.7 b=0.27	a=-0.057 b=0.59	a=0.88 b=2
EMD1 (35)	a=2 b=2	a=1.7 b=-4.8	a=5.4 b=0.19	a=-0.021 b=0.48	a=1.7 b=2.7
EMD2 (1)	a=3.2 b=5	a=2 b=-8.7	a=9 b=0.091	a=-0.23 b=0.35	a=2.8 b=5.7
EMD2 (2)	a=3.8 b=4	a=1.3 b=-8.6	a=8.8 b=0.11	a=-0.025 b=0.35	a=3.4 b=4.5
EMD2 (3)	a=4 b=2.7	a=0.91 b=-7.4	a=7.6 b=0.16	a=0.19 b=0.38	a=3.5 b=3.2
EMD2 (4)	a=2.4 b=1.4	a=0.98 b=-4.5	a=4.7 b=0.29	a=0.26 b=0.5	a=1.9 b=1.9
EMD2 (5)	a=3.9 b=4.8	a=1.5 b=-9.4	a=9.6 b=0.096	a=-0.1 b=0.34	a=3.5 b=5.4
EMD2 (6)	a=4 b=4.2	a=1.3 b=-9	a=9.3 b=0.11	a=-0.015 b=0.34	a=3.6 b=4.7
EMD3 (1)	a=2.5 b=3.4	a=1.9 b=-6.5	a=6.6 b=0.13	a=-0.15 b=0.41	a=2.1 b=4
EMD3 (2)	a=2.2 b=3.2	a=2 b=-6.1	a=6.4 b=0.14	a=-0.18 b=0.42	a=1.9 b=3.8
EMD3 (3)	a=2.4 b=2.6	a=1.6 b=-5.8	a=6.2 b=0.16	a=-0.036 b=0.44	a=2 b=3.2
EMD3 (4)	a=2.4 b=1.8	a=1.2 b=-4.9	a=5 b=0.24	a=0.15 b=0.48	a=1.9 b=2.3
EMD3 (5)	a=3.2 b=2.4	a=1.1 b=-6.2	a=6.6 b=0.18	a=0.13 b=0.42	a=2.7 b=2.9

TABLE S1: The values of parameters obtained for the best fits found for each model and each data set