

Figure S1: Fe content (%) in mineral dust emissions, taken into account (a) CAM4, (b) GEOS-Chem, (c) IMPACT and (d) TM4-ECPL. The global mean value for each model is also provided in the title.

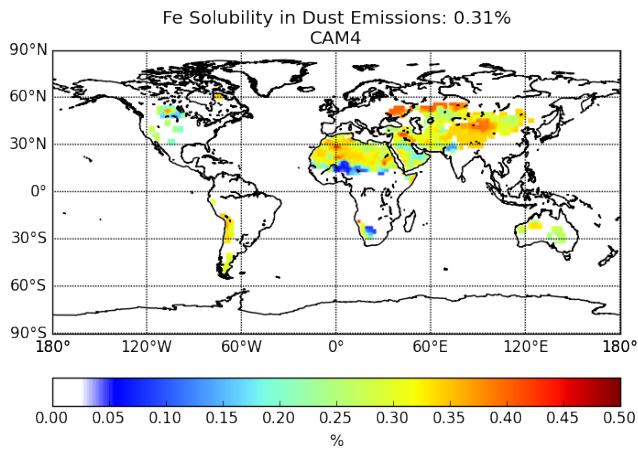
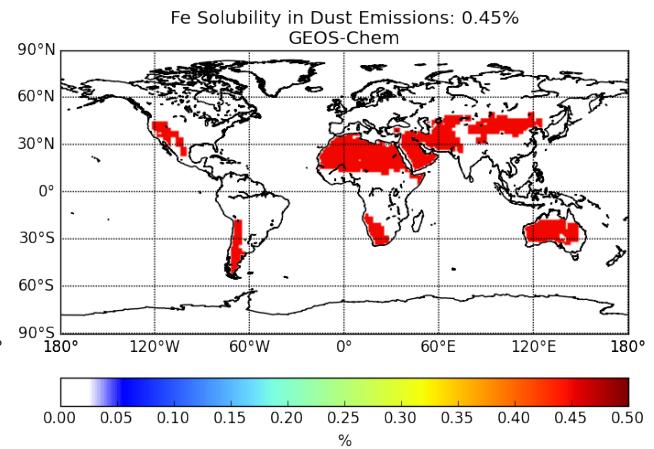
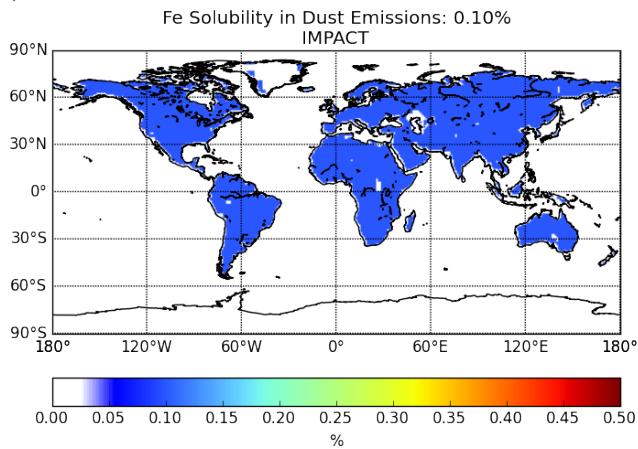
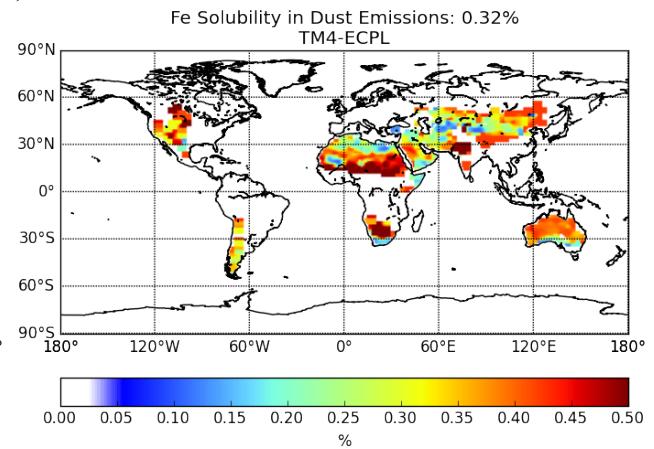
a)**b)****c)****d)**

Figure S2: Initial solubility (%) in Fe dust emission, taken into account by (a) CAM4, (b) GEOS-Chem, (c) IMPACT and (d) TM4-ECPL. The global mean value for each model is also provided in the title.

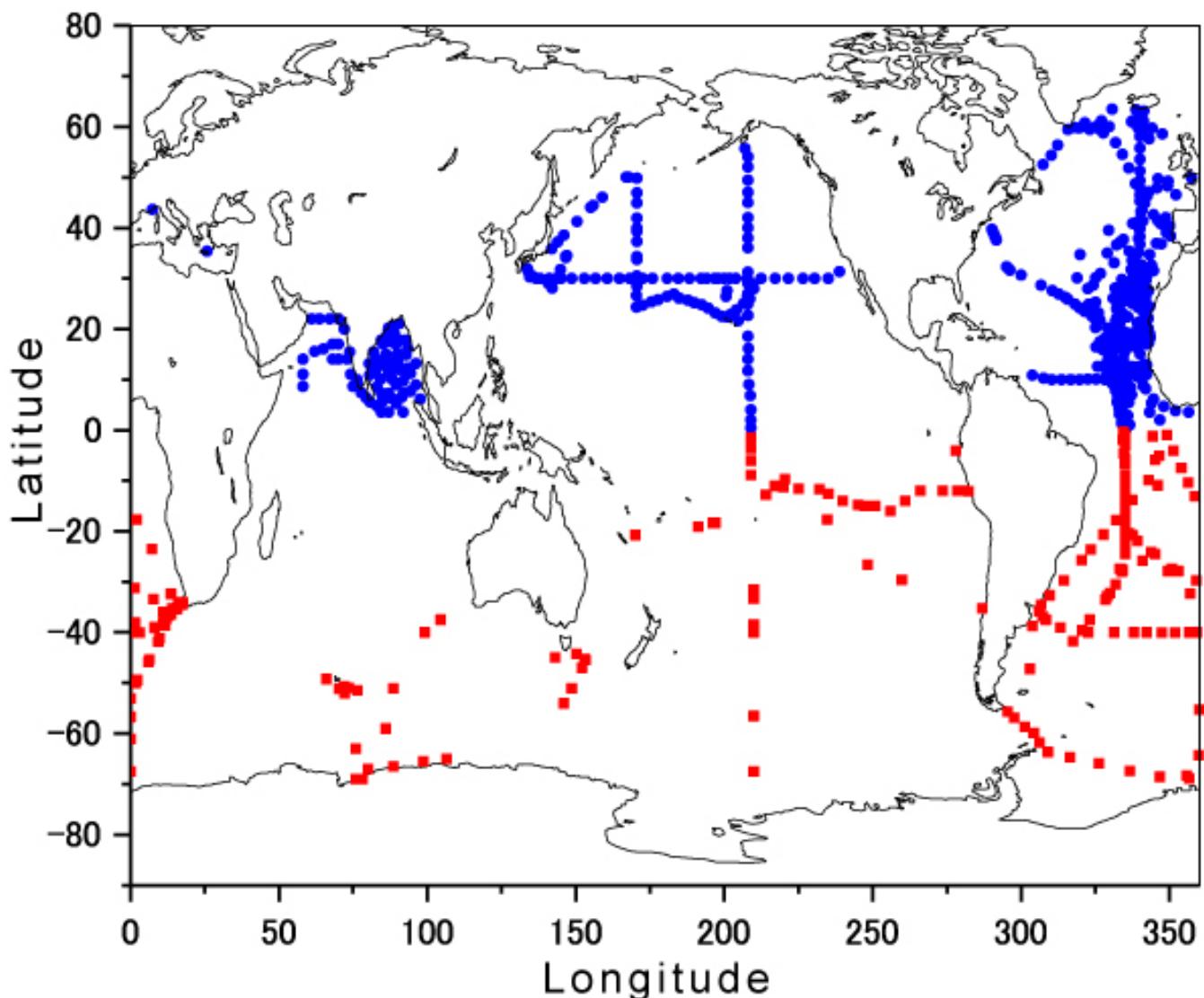
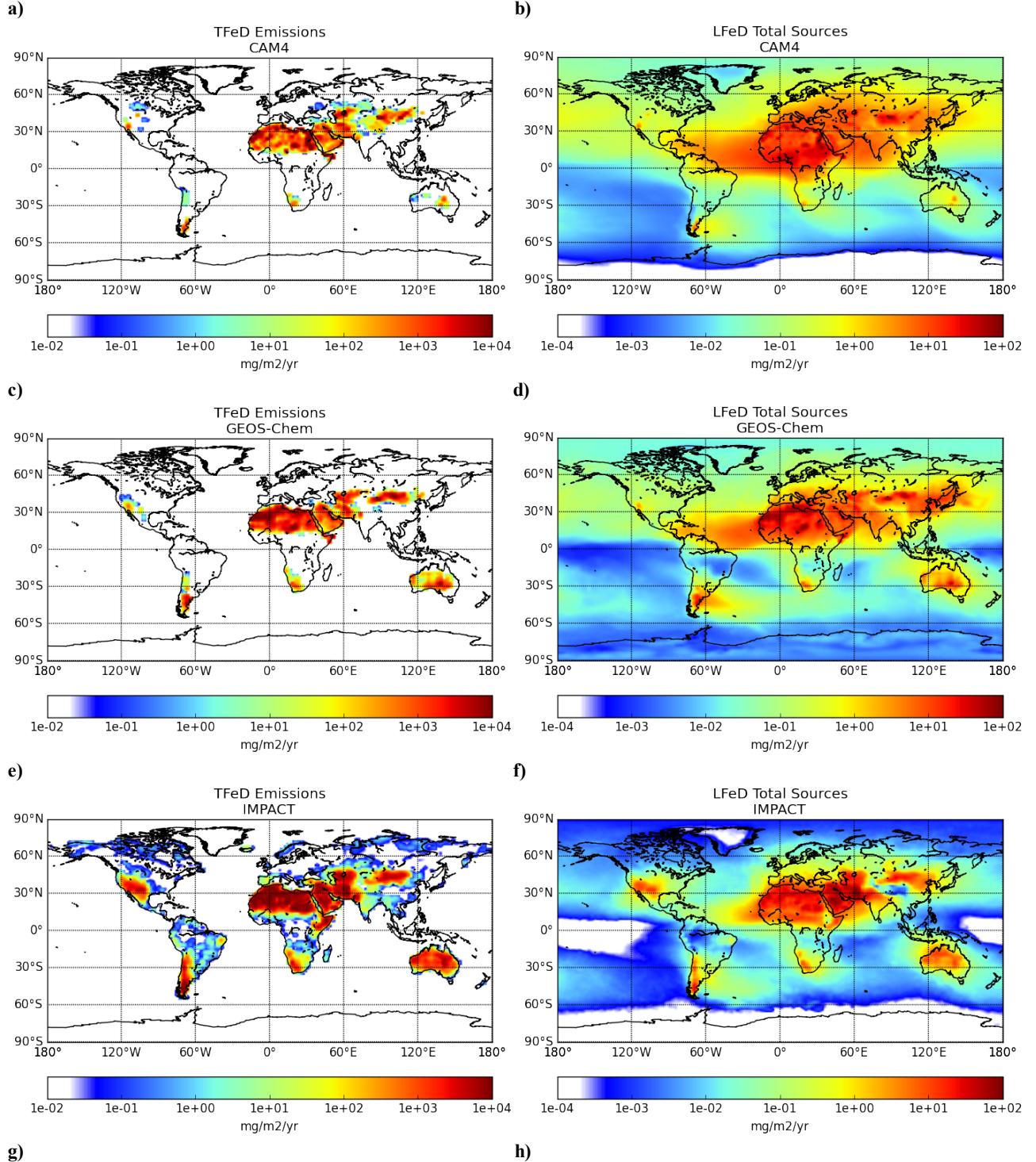


Figure S3: Site location map of observations in the Northern (blue circles) and Southern (red squares) Hemisphere: from Achterberg et al. (2018), Baker et al. (2006a, 2006b, 2007, 2013), Baker and Jickells (2017), Bowie et al. (2009), Buck et al. (2006, 2010, 2013, 2018), Chance et al. (2015), Gao et al. (2013), Guieu et al. (2005, pers. com. 2018), Jickells et al. (2016), Kumar et al. (2010), Longo et al. (2016), Powell et al. (2015), Shelley et al. (2015, pers. com. 2018), Sholkovitz et al. (2012), Srinivas et al. (2012), Srinivas and Sarin (2013), Wagener (2008) and Wagener et al. (2008).



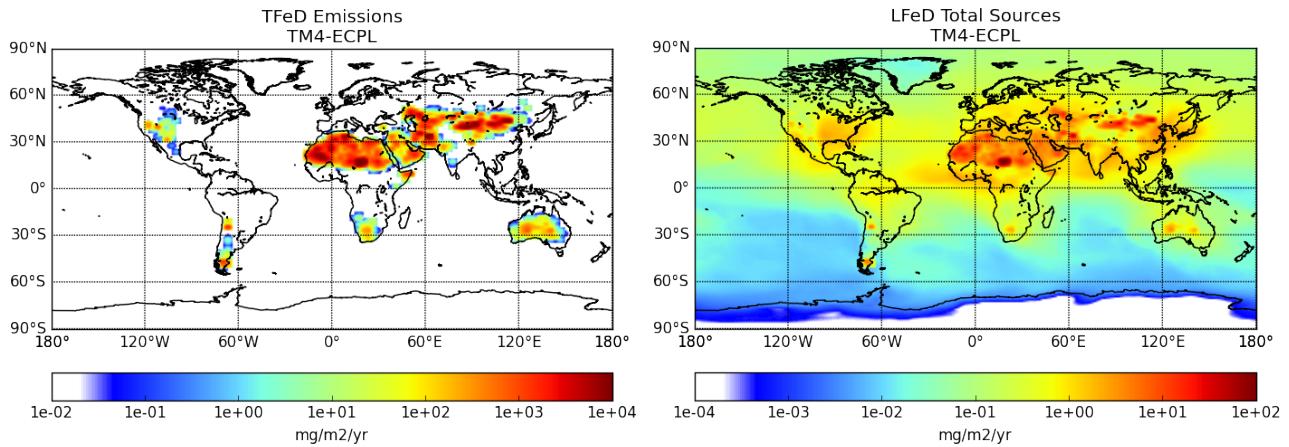


Figure S4: Annual mean TFe emissions and LFe sources (i.e., emissions and atmospheric processing together) (in $\text{mg-Fe m}^{-2} \text{ yr}^{-1}$) from mineral dust, taken into account in (a,b) CAM4, (c,d) GEOS-Chem, (e,f) IMPACT and (g,h) TM4-ECPL.

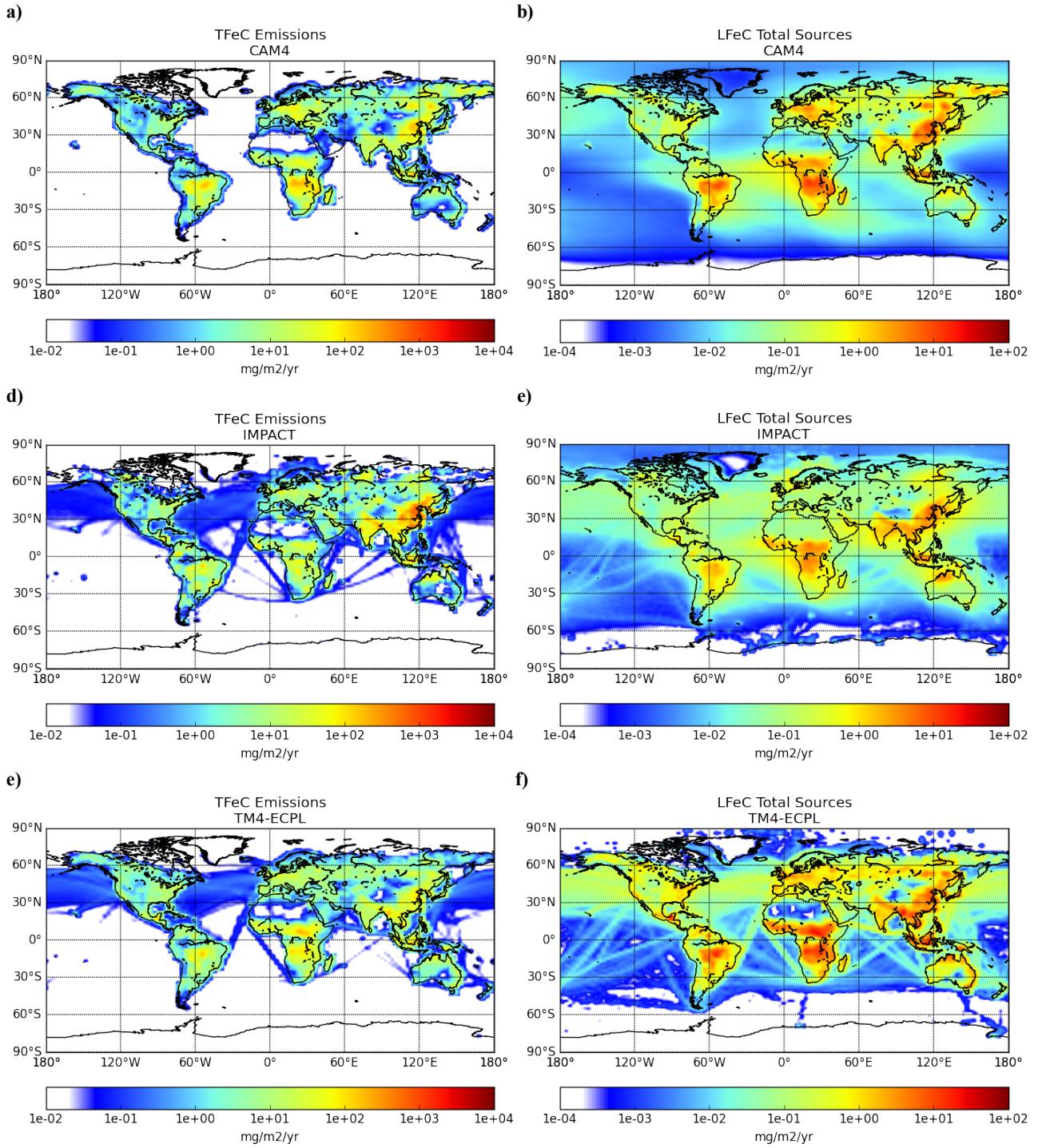
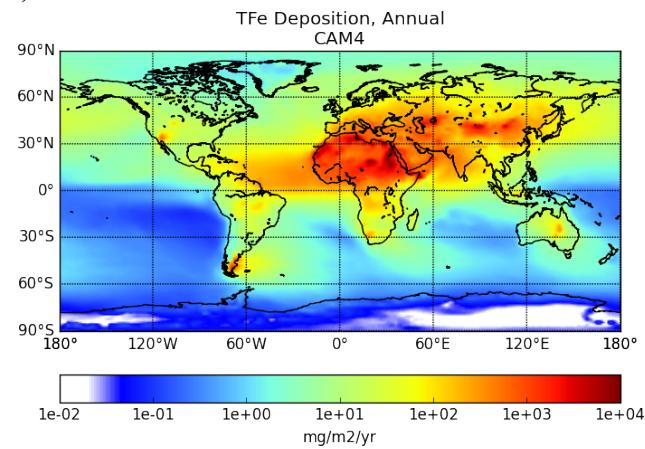
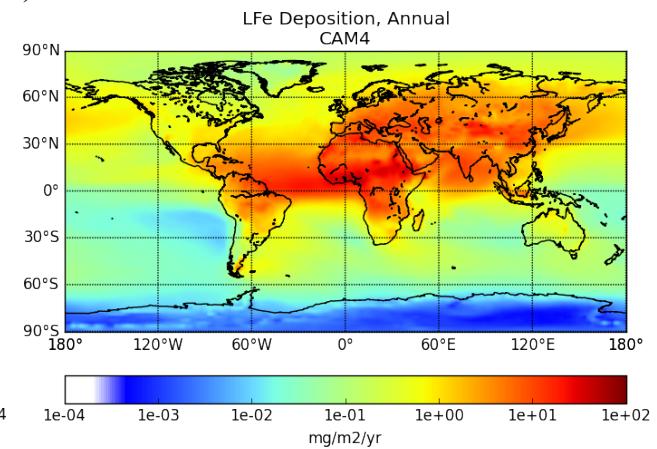
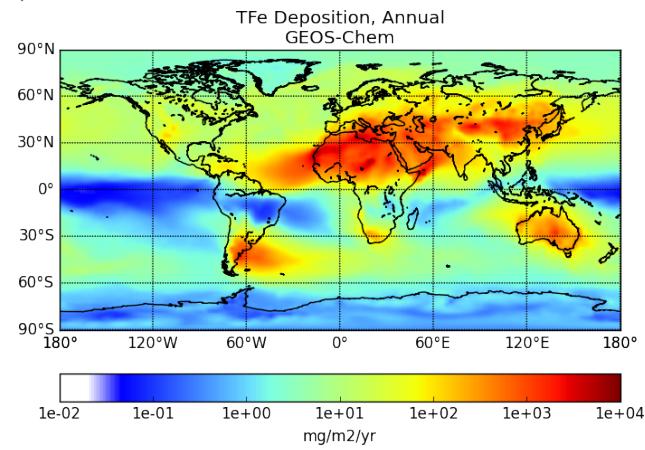
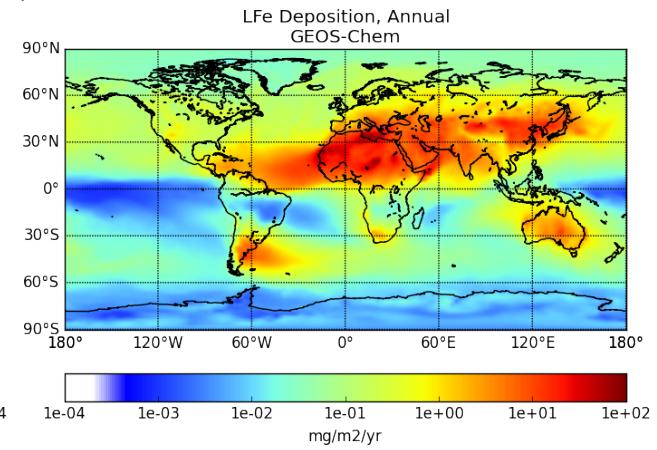
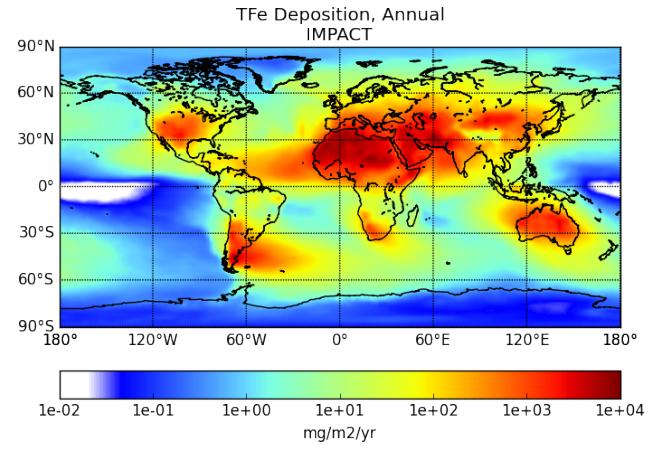
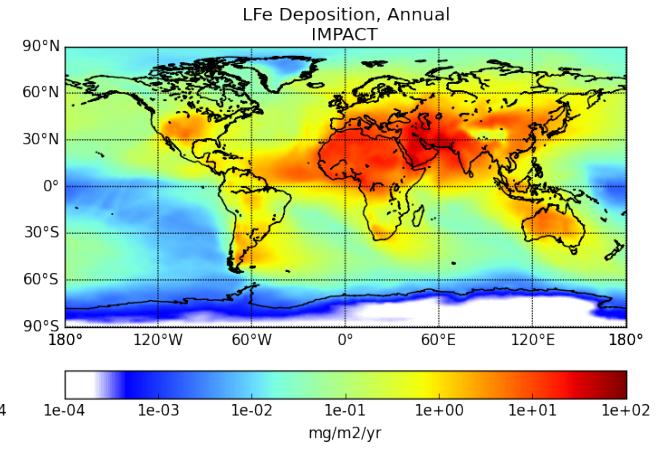


Figure S5: Annual mean TFe emissions and LFe sources (emissions + atmospheric processing) (in $\text{ng-Fe m}^{-2} \text{ s}^{-1}$) from combustion processes, taken into account in (a,b) CAM4, (c,d,) IMPACT and (e,f) TM4-ECPL.

a)**b)****c)****d)****e)****f)****g)****h)**

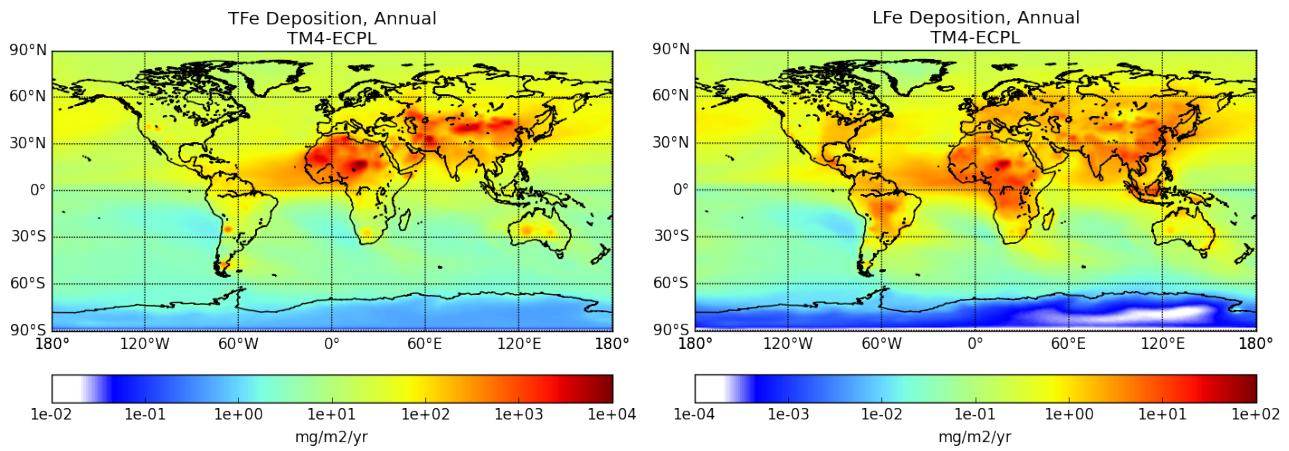


Figure S6: Annual TFe (left) and LFe (right) total (dry+wet) deposition fluxes (in $\text{mg-Fe m}^{-2} \text{ yr}^{-1}$) from mineral dust and combustion sources (in GEOS-Chem only the Fe from mineral dust is considered), as calculated by (a,b) CAM4, (c,d) GEOS-Chem, (e,f) IMPACT and (g,h) TM4-ECPL.

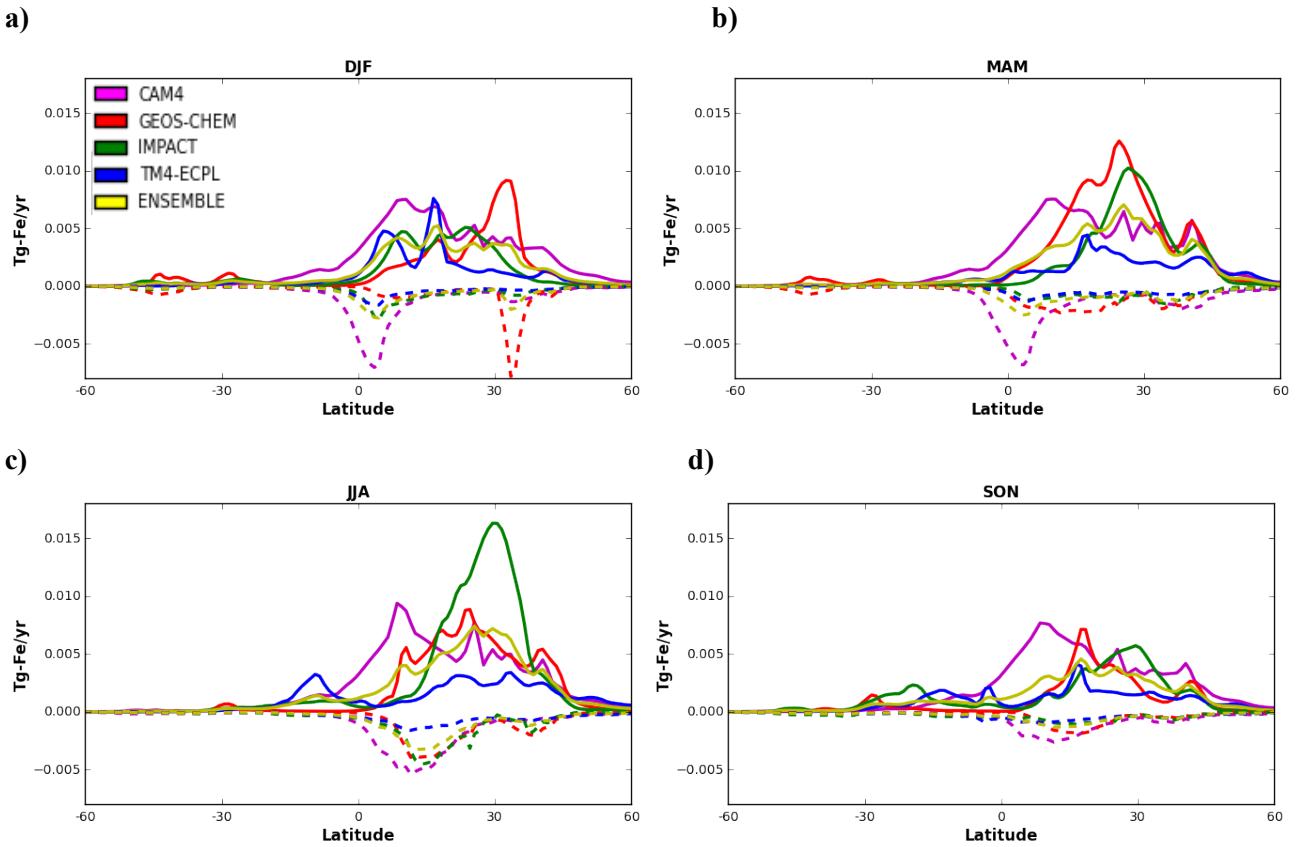


Figure S7: Latitudinal variation of LFe global sources (positive/continues lines) and oceanic deposition fluxes (negative/dashed lines) in Tg-Fe yr⁻¹, for a) December, January and February (DJF); b) March, April and May (MAM); c) June, July and August (JJA) and d) September, October and November (SON), as calculated by each model (CAM4: magenta; GEOS-Chem: red; IMPACT: green and TM4-ECPL: blue) as well as the ENSEMBLE model (yellow).

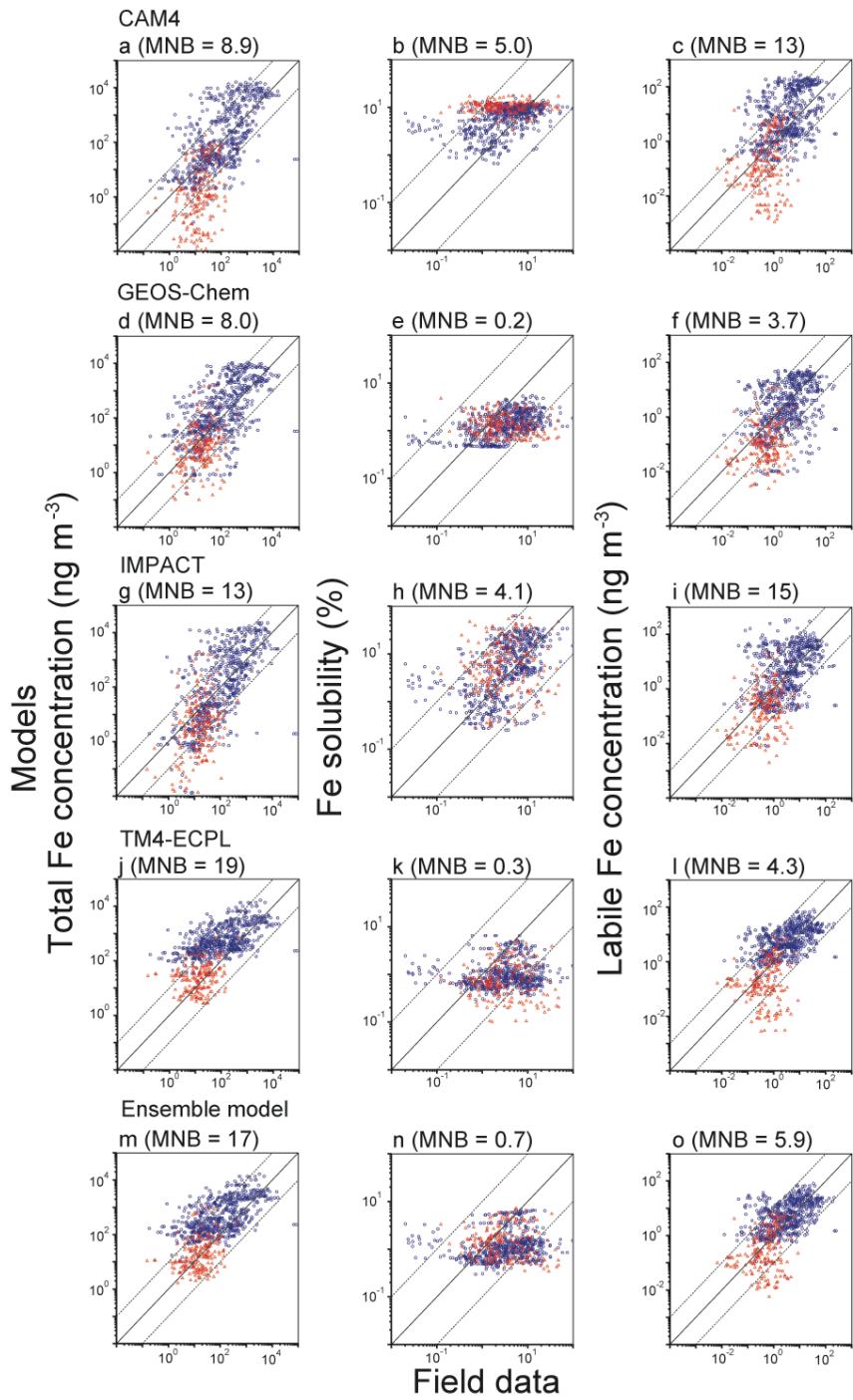


Figure S8: Same as Fig. 4, but the case before the bias correction procedure of Eq. 1. Shown are ensemble model comparisons against observed TFe loading (ng m^{-3}), Fe solubility (%), and LFe loading (ng m^{-3}) in the Northern (blue circles) and Southern (red squares) Hemisphere.

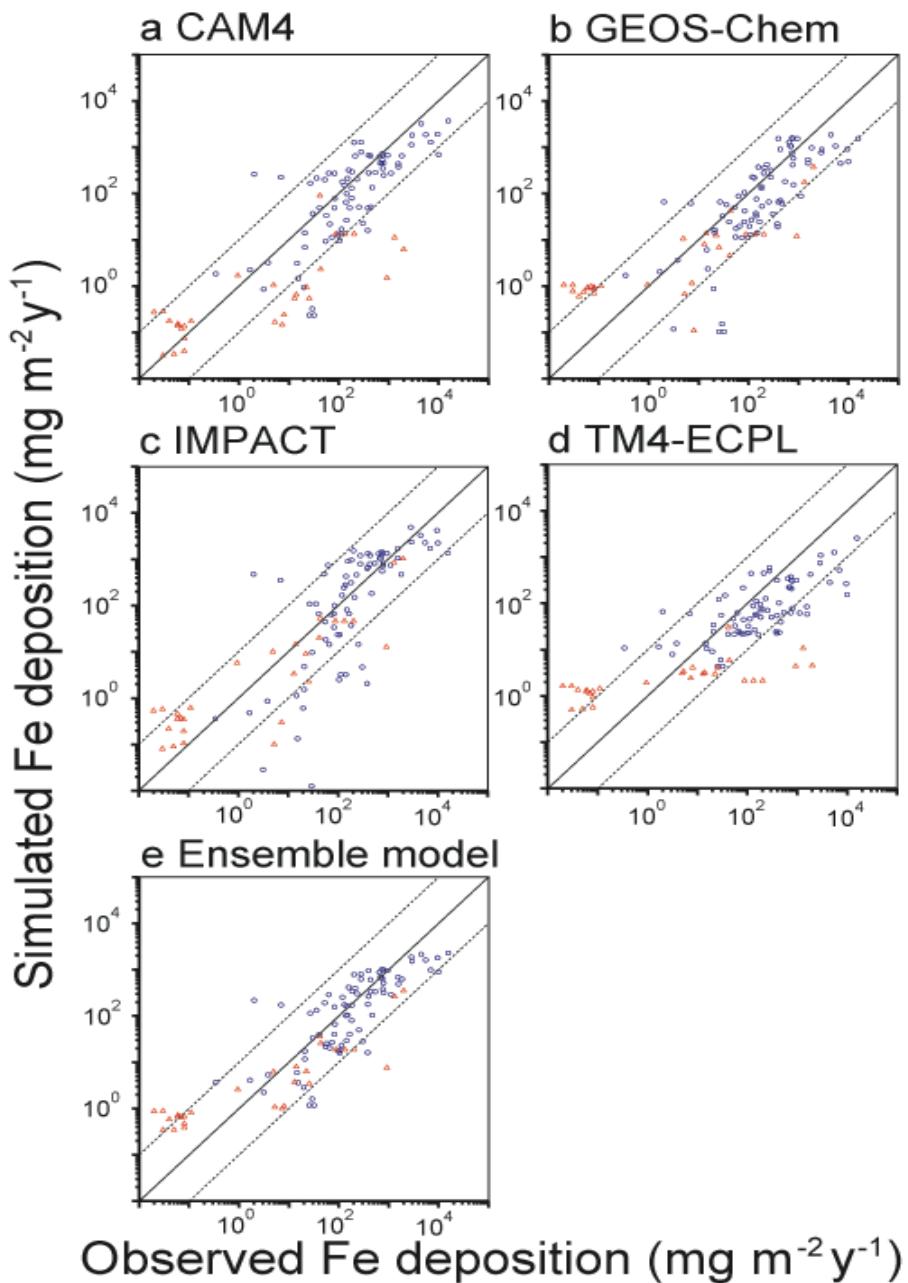


Figure S9: Atmospheric deposition (in mg-Fe m⁻² yr⁻¹) of TFe for (a) the compilation of measurements from Albani et al. (2014), (b) CAM4, (c) GEOS-Chem (d) IMPACT, (e) TM4-ECPL and (f) the ENSEMBLE model. The bias correction in the mineral dust size distribution is applied for the comparison with field data (Kok et al., 2017).

Table S1. Comparison of mineral dust Fe content and their initial Fe solubilities used by the models.

Model	Dust emission (Tg yr ⁻¹)	Fe Content (wt %)	Fe solubility (wt %)
CAM4	1767	3.22% ^a	0.31% ^a
GEOS-Chem	1614	3.50%	0.45% ^b
IMPACT	5070	2.65% ^a	0.10% ^c
TM4-ECPL	1181	3.20% ^a	4.3% (kaolinite), 3% (feldspars) ^d

^a global average; ^b Shi et al. (2012); ^c Ito and Shi (2016); ^d Ito and Xu (2014)

Table S2. Comparison of combustion sources of Fe and their initial Fe solubilities used by the models.

Model	Source			Reference
	Biomass Burning	Coal Combustion	Oil Combustion	
CAM4	4% ^a	4%	4% ^c	Luo et al. (2008)
GEOS-Chem	-	-	-	-
IMPACT	0%	0%	58±22% ^d	Ito (2015)
TM4-ECPL	12%	8% ^b	81% ^d	Ito (2013) ^b , Luo et al. (2008) ^b

^a wildfires and biofuel; ^b Luo et al., 2008 (coal & biomass); ^c excluding shipping emissions; ^d only on shipping emissions

Table S3. Summary of total Fe loading (ng m⁻³), Fe solubility (%), and labile Fe loading (ng m⁻³) in aerosols.

Latitude	Longitude	Month	Fe (ng m ⁻³)	Fe solubility	labile Fe (ng m ⁻³)	Reference
32.24	-64.87	7	238.61	2.230%	5.321	Longo et al. (2016)
32.24	-64.87	8	414.23	2.130%	8.823	Longo et al. (2016)
32.24	-64.87	8	265.87	3.140%	8.348	Longo et al. (2016)
32.24	-64.87	8	521.94	1.690%	8.821	Longo et al. (2016)
32.24	-64.87	9	128.19	2.790%	3.577	Longo et al. (2016)
32.24	-64.87	9	153.46	2.310%	3.545	Longo et al. (2016)
32.24	-64.87	10	23.66	8.940%	2.115	Longo et al. (2016)
32.24	-64.87	5	37.29	6.480%	2.416	Longo et al. (2016)
35.32	25.67	12	578.30	1.090%	6.303	Longo et al. (2016)
35.32	25.67	2	596.40	4.300%	25.645	Longo et al. (2016)
35.32	25.67	3	734.60	0.830%	6.097	Longo et al. (2016)
35.32	25.67	3	1213.70	1.190%	14.443	Longo et al. (2016)
35.32	25.67	4	2009.00	0.390%	7.835	Longo et al. (2016)
35.32	25.67	11	323.60	1.200%	3.883	Longo et al. (2016)
35.32	25.67	12	1798.40	1.480%	26.616	Longo et al. (2016)
13.1	80.3	12	908.91	7.650%	69.530	Kumar et al. (2010)
15.49	81.8	12	666.51	5.810%	38.694	Kumar et al. (2010)
13.15	83	12	429.88	6.830%	29.370	Kumar et al. (2010)
12.88	84.95	12	772.88	4.300%	33.205	Kumar et al. (2010)
17.09	85	12	1317.11	6.010%	79.149	Kumar et al. (2010)
20.19	86.96	1	1650.57	3.560%	58.725	Kumar et al. (2010)
19.49	86.78	1	1649.05	3.320%	54.717	Kumar et al. (2010)
17.43	87.48	1	492.99	2.540%	12.499	Kumar et al. (2010)
13.34	87.55	1	198.15	4.690%	9.294	Kumar et al. (2010)
12	87.63	1	127.02	9.450%	12.002	Kumar et al. (2010)
13.62	90.01	1	253.88	6.860%	17.410	Kumar et al. (2010)

17.91	90	1	1270.34	6.220%	78.964	Kumar et al. (2010)
21	90.56	1	897.73	7.250%	65.113	Kumar et al. (2010)
17.8	92.5	1	460.62	1.400%	6.443	Kumar et al. (2010)
14.83	92.88	1	213.00	5.180%	11.032	Kumar et al. (2010)
13.09	96.1	1	339.31	7.470%	25.341	Kumar et al. (2010)
8.88	96.1	1	382.02	14.580%	55.687	Kumar et al. (2010)
6.16	97.54	1	355.43	8.610%	30.590	Kumar et al. (2010)
7.62	94.37	1	329.19	5.660%	18.622	Kumar et al. (2010)
11.22	94.37	1	306.33	12.730%	39.010	Kumar et al. (2010)
12.27	93.37	1	259.56	9.300%	24.137	Kumar et al. (2010)
10.91	92.84	1	253.89	7.110%	18.053	Kumar et al. (2010)
7.29	92	1	230.24	10.390%	23.915	Kumar et al. (2010)
3.5	91.9	1	30.59	3.220%	0.986	Kumar et al. (2010)
5.28	89.5	1	95.11	23.890%	22.718	Kumar et al. (2010)
8.94	89.5	1	209.71	11.880%	24.916	Kumar et al. (2010)
7.24	87	1	195.86	3.510%	6.871	Kumar et al. (2010)
3.5	86.85	1	220.00	2.730%	6.008	Kumar et al. (2010)
3.5	84.52	1	169.35	6.870%	11.630	Kumar et al. (2010)
7.3	84.5	1	95.76	6.570%	6.290	Kumar et al. (2010)
8.47	83	1	112.78	3.050%	3.442	Kumar et al. (2010)
4.73	83	1	159.00	5.220%	8.300	Kumar et al. (2010)
6.4	79.31	1	91.41	3.450%	3.156	Kumar et al. (2010)
17.77	84.5	3	807.36	5.270%	42.518	Bikkina et al. (2012)
20.39	88.16	3	1116.06	4.310%	48.076	Bikkina et al. (2012)
19	88.94	3	798.68	6.210%	49.564	Bikkina et al. (2012)
18.32	86.08	3	937.64	4.280%	40.158	Bikkina et al. (2012)
16.99	89.46	3	1009.73	6.590%	66.554	Bikkina et al. (2012)
16.07	93.25	3	1220.98	4.150%	50.696	Bikkina et al. (2012)

15.02	89.81	3	945.62	6.970%	65.900	Bikkina et al. (2012)
15	86.16	3	705.76	3.240%	22.844	Bikkina et al. (2012)
14.01	82.83	3	545.69	3.800%	20.729	Bikkina et al. (2012)
13	86.31	3	599.64	3.780%	22.672	Bikkina et al. (2012)
11.51	86.78	3	420.89	11.970%	50.388	Bikkina et al. (2012)
11.51	82.33	3	420.11	7.240%	30.419	Bikkina et al. (2012)
10.82	80.56	4	272.46	6.850%	18.651	Bikkina et al. (2012)
10.01	84.26	4	242.23	5.640%	13.658	Bikkina et al. (2012)
9.99	88.19	4	244.64	13.590%	33.247	Bikkina et al. (2012)
12	90.41	4	668.25	2.950%	19.708	Bikkina et al. (2012)
9.67	91.81	4	183.96	5.180%	9.528	Bikkina et al. (2012)
6.5	91.36	4	149.62	11.120%	16.638	Bikkina et al. (2012)
6.31	87.94	4	308.70	13.090%	40.416	Bikkina et al. (2012)
5.67	84.8	4	294.48	3.470%	10.231	Bikkina et al. (2012)
5.51	80.74	4	526.84	2.560%	13.499	Bikkina et al. (2012)
7.37	77.81	4	547.05	2.350%	12.847	Bikkina et al. (2012)
8.76	76.48	4	595.43	2.580%	15.336	Bikkina et al. (2012)
9.97	76.23	4	1009.63	0.050%	0.544	Bikkina et al. (2012)
8.57	75	4	976.26	0.020%	0.198	Bikkina et al. (2012)
8.57	58	4	648.26	0.080%	0.541	Bikkina et al. (2012)
11	58	4	314.79	0.040%	0.126	Bikkina et al. (2012)
11	74.16	4	363.78	0.110%	0.385	Bikkina et al. (2012)
14	73	4	380.57	0.030%	0.110	Bikkina et al. (2012)
14	70	4	434.07	0.090%	0.390	Bikkina et al. (2012)
17	70	4	450.20	0.020%	0.109	Bikkina et al. (2012)
17	68	4	953.28	0.040%	0.403	Bikkina et al. (2012)
14	68	4	452.11	0.100%	0.466	Bikkina et al. (2012)
14	58	4	232.10	0.040%	0.096	Bikkina et al. (2012)

22	61	4	92.18	0.430%	0.395	Bikkina et al. (2012)
22	63.7	5	326.82	0.080%	0.257	Bikkina et al. (2012)
15.5	62	5	297.91	0.120%	0.364	Bikkina et al. (2012)
16	65	5	255.08	0.030%	0.075	Bikkina et al. (2012)
22	67	5	152.53	0.030%	0.045	Bikkina et al. (2012)
22	70	5	296.40	0.190%	0.558	Bikkina et al. (2012)
20	72	5	432.04	0.070%	0.295	Bikkina et al. (2012)
15.4	73.8	5	371.86	0.020%	0.087	Bikkina et al. (2012)
30.65	138.68	5	9.72	NaN	NaN	Buck et al. (2006)
29	140.75	5	210.50	3.350%	7.056	Buck et al. (2006)
28.02	142.02	5	64.46	8.950%	5.768	Buck et al. (2006)
29.98	143.49	5	669.70	5.580%	37.352	Buck et al. (2006)
31.69	144.78	5	490.56	7.390%	36.232	Buck et al. (2006)
34.13	146.67	5	766.64	6.000%	46.032	Buck et al. (2006)
34.46	147.02	5	414.62	7.140%	29.624	Buck et al. (2006)
34.44	146.69	5	212.97	5.420%	11.536	Buck et al. (2006)
35.88	141.85	5	42.11	1.860%	0.784	Buck et al. (2006)
37.17	143.83	5	49.84	4.160%	2.072	Buck et al. (2006)
38.49	145.9	5	30.52	5.500%	1.680	Buck et al. (2006)
41.23	150.33	5	81.76	7.530%	6.160	Buck et al. (2006)
44	155	5	9.69	52.600%	5.096	Buck et al. (2006)
44	155	5	NaN	NaN	5.529	Buck et al. (2006)
44	155	5	39.70	19.320%	7.672	Buck et al. (2006)
44.38	155.73	5	131.54	11.030%	14.504	Buck et al. (2006)
46.02	158.89	5	234.42	3.250%	7.616	Buck et al. (2006)
47.16	161.16	5	NaN	NaN	7.316	Buck et al. (2006)
48.85	164.59	5	NaN	NaN	8.935	Buck et al. (2006)

50	167	5	110.99	4.040%	4.480	Buck et al. (2006)
50	167.76	5	33.43	1.010%	0.336	Buck et al. (2006)
49.76	170.58	5	14.39	4.670%	0.672	Buck et al. (2006)
46.94	170.58	5	15.96	0.350%	0.056	Buck et al. (2006)
44.9	170.58	5	88.09	1.020%	0.896	Buck et al. (2006)
41.88	170.58	5	276.19	1.400%	3.864	Buck et al. (2006)
39.85	170.58	5	35.39	3.320%	1.176	Buck et al. (2006)
39.29	170.57	5	78.62	7.910%	6.216	Buck et al. (2006)
37.31	170.58	5	81.14	7.250%	5.880	Buck et al. (2006)
34.33	170.58	5	79.91	9.320%	7.448	Buck et al. (2006)
33.77	170.57	5	66.14	12.530%	8.288	Buck et al. (2006)
31.37	170.58	5	81.42	NaN	NaN	Buck et al. (2006)
30.5	170.58	5	63.06	5.770%	3.640	Buck et al. (2006)
28.47	170.5	5	56.67	13.240%	7.504	Buck et al. (2006)
26.59	170.42	5	20.22	31.300%	6.328	Buck et al. (2006)
24.25	170.33	5	35.56	9.610%	3.416	Buck et al. (2006)
24.25	170.33	5	29.29	19.310%	5.656	Buck et al. (2006)
24.27	170.42	5	27.10	13.640%	3.696	Buck et al. (2006)
24.7	172.47	5	41.78	8.580%	3.584	Buck et al. (2006)
25.33	175.45	5	30.13	8.360%	2.520	Buck et al. (2006)
25.78	177.62	5	22.62	7.430%	1.680	Buck et al. (2006)
26.44	-179.19	5	23.69	12.530%	2.968	Buck et al. (2006)
26.92	-176.89	5	26.82	8.140%	2.184	Buck et al. (2006)
26.06	-175.1	5	21.62	10.100%	2.184	Buck et al. (2006)
26	-175	5	28.50	19.840%	5.656	Buck et al. (2006)
25.6	-172.24	5	26.04	19.140%	4.984	Buck et al. (2006)
25.19	-170.12	5	53.70	11.370%	6.104	Buck et al. (2006)
24.76	-167.55	5	16.86	7.310%	1.232	Buck et al. (2006)

24.07	-165.54	5	15.79	10.280%	1.624	Buck et al. (2006)
23.13	-162.98	5	17.42	8.040%	1.400	Buck et al. (2006)
22.48	-160.88	5	35.56	5.670%	2.016	Buck et al. (2006)
22.74	-158.03	5	32.42	5.700%	1.848	Buck et al. (2006)
22.75	-158	5	43.34	6.460%	2.800	Buck et al. (2006)
22.87	-157.76	5	49.39	8.730%	4.312	Buck et al. (2006)
23.74	-155.96	5	65.30	11.920%	7.784	Buck et al. (2006)
24.95	-153.44	6	23.63	5.920%	1.400	Buck et al. (2006)
25.92	-151.39	6	24.98	4.260%	1.064	Buck et al. (2006)
27.99	-150.15	6	14.67	0.380%	0.056	Buck et al. (2006)
28.84	-150.45	6	26.10	6.440%	1.680	Buck et al. (2006)
26.49	-152.17	6	18.14	7.410%	1.344	Buck et al. (2006)
61.9	340	6	9.40	8.590%	0.807	Buck et al. (2010)
60.05	340	6	10.81	14.450%	1.561	Buck et al. (2010)
58.05	340	6	15.59	10.910%	1.700	Buck et al. (2010)
55.75	340	6	7.26	10.350%	0.751	Buck et al. (2010)
53.5	340	6	10.03	20.070%	2.014	Buck et al. (2010)
51.25	340	6	1.42	25.520%	0.362	Buck et al. (2010)
49.3	340	6	2.00	18.930%	0.378	Buck et al. (2010)
47.85	340	6	2.00	12.090%	0.242	Buck et al. (2010)
46.55	340	6	1.68	7.430%	0.125	Buck et al. (2010)
45.25	340	6	1.69	4.720%	0.080	Buck et al. (2010)
41.25	340	7	5.64	46.740%	2.638	Buck et al. (2010)
39.75	340	7	23.10	31.000%	7.160	Buck et al. (2010)
38.25	340	7	28.37	18.060%	5.124	Buck et al. (2010)
36.75	340	7	12.11	22.280%	2.699	Buck et al. (2010)
35.1	339.5	7	8.16	17.780%	1.451	Buck et al. (2010)
33.35	338.5	7	4.00		5.428	Buck et al. (2010)

31.8	337.65	7	4.55	21.890%	0.995	Buck et al. (2010)
30.9	337.8	7	8.00	14.900%	1.192	Buck et al. (2010)
30.8	338.6	7	42.53	11.160%	4.747	Buck et al. (2010)
30	337.5	7	3.34	10.140%	0.338	Buck et al. (2010)
28.3	335.65	7	2.41	27.490%	0.663	Buck et al. (2010)
26.75	334.8	7	3.55	18.660%	0.662	Buck et al. (2010)
25.2	333.95	7	6.06	14.770%	0.894	Buck et al. (2010)
23.7	333.1	7	9.14	13.170%	1.205	Buck et al. (2010)
22.05	332.15	7	106.33	7.170%	7.622	Buck et al. (2010)
20.3	331.3	7	1067.20	17.270%	184.256	Buck et al. (2010)
18.75	331	7	191.31	2.850%	5.460	Buck et al. (2010)
17.15	331	7	243.09	2.970%	7.215	Buck et al. (2010)
15.65	331	7	1865.22	7.340%	136.848	Buck et al. (2010)
14.2	331	7	4168.27	5.100%	212.708	Buck et al. (2010)
12.55	331	7	960.53	7.870%	75.629	Buck et al. (2010)
10.85	331.25	7	45.03	16.900%	7.610	Buck et al. (2010)
9.35	331.85	7	97.98	15.190%	14.888	Buck et al. (2010)
8.1	332.5	7	33.93	19.250%	6.533	Buck et al. (2010)
6.6	333.25	7	19.72	17.690%	3.489	Buck et al. (2010)
4.85	334.1	8	11.63	21.900%	2.547	Buck et al. (2010)
3.15	334.75	8	24.24	13.300%	3.224	Buck et al. (2010)
1.65	335	8	18.15	21.350%	3.874	Buck et al. (2010)
0.3	335	8	16.66	11.870%	1.978	Buck et al. (2010)
-1.2	335	8	9.05	13.780%	1.248	Buck et al. (2010)
-2.5	335	8	6.88	5.440%	0.374	Buck et al. (2010)
-3	335	8	4.55	8.800%	0.400	Buck et al. (2010)
31.87	133.59	6	85.07	3.510%	2.988	Buck et al. (2013)
31.32	133.97	6	44.45	3.240%	1.439	Buck et al. (2013)

30.24	134.48	6	317.60	8.950%	28.421	Buck et al. (2013)
30.38	135.53	6	23.20	3.300%	0.766	Buck et al. (2013)
30	136.61	6	159.96	15.980%	25.568	Buck et al. (2013)
30	137.76	6	79.69	21.880%	17.436	Buck et al. (2013)
30	137.92	6	249.59	9.060%	22.615	Buck et al. (2013)
30	140.98	6	9.83	15.110%	1.485	Buck et al. (2013)
30	142.33	6	12.64	NaN	NaN	Buck et al. (2013)
30	143.45	6	58.64	7.760%	4.549	Buck et al. (2013)
30.01	144.91	6	54.51	12.610%	6.874	Buck et al. (2013)
30	146.67	6	16.60	NaN	NaN	Buck et al. (2013)
30	148.61	6	24.17	11.490%	2.776	Buck et al. (2013)
30	150.9	7	31.53	NaN	NaN	Buck et al. (2013)
30	152.84	7	46.84	10.110%	4.733	Buck et al. (2013)
30	154.6	7	34.65	NaN	NaN	Buck et al. (2013)
30	156.7	7	29.91	11.570%	3.460	Buck et al. (2013)
30	158.35	7	3.88	NaN	NaN	Buck et al. (2013)
30	160.6	7	5.03	10.080%	0.507	Buck et al. (2013)
30	162.86	7	16.07	NaN	NaN	Buck et al. (2013)
30	164.73	7	15.24	6.990%	1.065	Buck et al. (2013)
30	166.68	7	63.30	NaN	NaN	Buck et al. (2013)
30	168.17	7	33.51	8.320%	2.790	Buck et al. (2013)
30	170.47	7	242.47	NaN	NaN	Buck et al. (2013)
30	172.47	7	244.70	6.610%	16.171	Buck et al. (2013)
30	174.63	7	31.89	NaN	NaN	Buck et al. (2013)
30	175.86	7	7.86	10.480%	0.824	Buck et al. (2013)
30	178.45	7	8.82	NaN	NaN	Buck et al. (2013)
30	180.78	7	9.12	11.200%	1.022	Buck et al. (2013)
30	181.4	7	15.46	NaN	NaN	Buck et al. (2013)

30	184.48	7	7.44	6.820%	0.508	Buck et al. (2013)
30	186.36	7	10.78	NaN	NaN	Buck et al. (2013)
30	188.33	7	3.31	16.260%	0.538	Buck et al. (2013)
30	190.29	7	6.53	NaN	NaN	Buck et al. (2013)
30	192.25	7	20.21	3.150%	0.636	Buck et al. (2013)
30	194.06	7	5.70	6.820%	0.388	Buck et al. (2013)
30	194.32	7	5.35	NaN	NaN	Buck et al. (2013)
27.89	195.66	7	10.43	NaN	NaN	Buck et al. (2013)
30	196.16	8	5.55	NaN	NaN	Buck et al. (2013)
30	196.88	7	3.84	9.660%	0.371	Buck et al. (2013)
30	197.99	8	9.40	5.590%	0.526	Buck et al. (2013)
23.97	199.43	7	NaN	NaN	0.834	Buck et al. (2013)
30	199.88	8	12.59	5.290%	0.666	Buck et al. (2013)
26.45	200.51	8	14.58	3.160%	0.460	Buck et al. (2013)
22.33	200.76	8	9.73	5.500%	0.535	Buck et al. (2013)
27.54	200.92	8	6.17	11.470%	0.708	Buck et al. (2013)
30	201.76	8	15.09	17.420%	2.630	Buck et al. (2013)
30	203.81	8	16.43	10.060%	1.652	Buck et al. (2013)
30	205.86	8	12.87	NaN	NaN	Buck et al. (2013)
30	207.84	8	10.00	8.470%	0.846	Buck et al. (2013)
30	209.73	8	6.66	NaN	NaN	Buck et al. (2013)
30	212.44	8	8.12	8.610%	0.699	Buck et al. (2013)
30	214.66	8	6.36	NaN	NaN	Buck et al. (2013)
30	217.11	8	6.42	15.150%	0.973	Buck et al. (2013)
30	219.36	8	6.37	NaN	NaN	Buck et al. (2013)
30	221.61	8	10.29	5.590%	0.575	Buck et al. (2013)
30	224.36	8	6.94	NaN	NaN	Buck et al. (2013)
30	226.42	8	5.57	6.610%	0.368	Buck et al. (2013)

30	230.46	8	2.25	13.920%	0.313	Buck et al. (2013)
30	235.08	8	5.88	5.730%	0.337	Buck et al. (2013)
30.29	236.79	8	24.97	NaN	NaN	Buck et al. (2013)
31.29	238.76	8	2.08	9.160%	0.191	Buck et al. (2013)
-71	210	2	4.77	NaN	NaN	Buck et al. (2013)
-69.1	210	2	2.71	NaN	NaN	Buck et al. (2013)
-67.5	210	2	2.31	29.050%	0.670	Buck et al. (2013)
-65.5	210	2	2.74	NaN	NaN	Buck et al. (2013)
-62	210	2	2.90	NaN	NaN	Buck et al. (2013)
-60	210	2	2.79	NaN	NaN	Buck et al. (2013)
-58	210	2	3.54	NaN	NaN	Buck et al. (2013)
-56.5	210	2	3.46	16.560%	0.573	Buck et al. (2013)
-54.5	210	2	3.94	NaN	NaN	Buck et al. (2013)
-52.5	210	2	4.19	NaN	NaN	Buck et al. (2013)
-48.5	210	1	4.53	NaN	NaN	Buck et al. (2013)
-46.5	210	1	2.32	NaN	NaN	Buck et al. (2013)
-45.02	210	1	2.61	NaN	NaN	Buck et al. (2013)
-43.5	210	1	4.06	NaN	NaN	Buck et al. (2013)
-41.58	210	1	2.42	NaN	NaN	Buck et al. (2013)
-40	210	1	21.52	4.330%	0.932	Buck et al. (2013)
-38.41	210	1	4.13	7.900%	0.327	Buck et al. (2013)
-36.53	210	1	2.18	NaN	NaN	Buck et al. (2013)
-35	210	1	2.34	NaN	NaN	Buck et al. (2013)
-33.38	210	1	9.25	11.600%	1.073	Buck et al. (2013)
-31.5	210	1	1.71	28.090%	0.480	Buck et al. (2013)

-29.82	210	1	2.74	NaN	NaN	Buck et al. (2013)
-27.93	210	1	NaN	NaN	0.646	Buck et al. (2013)
-26	210	1	3.97	NaN	NaN	Buck et al. (2013)
-24.08	210	1	5.51	NaN	NaN	Buck et al. (2013)
-22.5	210	1	2.24	NaN	NaN	Buck et al. (2013)
-20.53	210	1	2.67	NaN	NaN	Buck et al. (2013)
-18.55	210	1	2.31	NaN	NaN	Buck et al. (2013)
-16.96	210	1	4.72	NaN	NaN	Buck et al. (2013)
-16	210	2	NaN	NaN	0.070	Buck et al. (2013)
-14	209	2	NaN	NaN	0.049	Buck et al. (2013)
-11.1	208.99	2	NaN	NaN	0.040	Buck et al. (2013)
-8.9	209	2	4.99	3.810%	0.190	Buck et al. (2013)
-6	209	2	1.48	11.060%	0.164	Buck et al. (2013)
-3.6	209	2	1.72	7.570%	0.130	Buck et al. (2013)
-1.5	209	2	13.78	4.690%	0.646	Buck et al. (2013)
0.4	209	2	4.53	4.780%	0.216	Buck et al. (2013)
2	209	2	8.65	5.450%	0.472	Buck et al. (2013)
4	209	2	7.53	7.620%	0.574	Buck et al. (2013)
6.8	208.71	2	2.94	7.510%	0.221	Buck et al. (2013)
9	208.25	2	3.43	8.170%	0.280	Buck et al. (2013)
11.7	208	2	1.34	18.560%	0.248	Buck et al. (2013)
14	208	2	11.27	10.250%	1.155	Buck et al. (2013)
16.1	208.06	3	13.20	9.600%	1.267	Buck et al. (2013)
18.5	208.04	3	13.35	7.710%	1.029	Buck et al. (2013)
21.6	204.72	3	8.55	7.520%	0.643	Buck et al. (2013)
22.7	208	3	82.39	10.750%	8.855	Buck et al. (2013)
25	208	3	60.97	9.650%	5.886	Buck et al. (2013)
27	208	3	34.85	11.190%	3.901	Buck et al. (2013)

29	208	3	39.27	13.550%	5.322	Buck et al. (2013)
31.2	208	3	131.21	14.590%	19.141	Buck et al. (2013)
36	208	3	91.23	10.770%	9.822	Buck et al. (2013)
38	208	3	79.75	9.200%	7.340	Buck et al. (2013)
40	208	3	98.09	7.170%	7.034	Buck et al. (2013)
42	208	3	33.57	13.760%	4.619	Buck et al. (2013)
45	208	3	23.64	8.690%	2.055	Buck et al. (2013)
47	208	3	48.36	10.260%	4.962	Buck et al. (2013)
49.4	208	3	75.29	9.980%	7.511	Buck et al. (2013)
52	208	3	48.60	10.140%	4.929	Buck et al. (2013)
54	208	3	9.08	9.820%	0.892	Buck et al. (2013)
55.7	207.05	3	17.93	8.360%	1.499	Buck et al. (2013)
-4.07	278.01	10	32.81	2.420%	0.793	Buck et al. (2018)
-12.01	280.8	10	61.56	2.000%	1.229	Buck et al. (2018)
-12.05	282.34	11	129.74	1.270%	1.653	Buck et al. (2018)
-11.99	278.5	11	34.65	1.930%	0.670	Buck et al. (2018)
-11.99	273.5	11	4.62	4.750%	0.149	Buck et al. (2018)
-12	266	11	2.60	1.550%	0.040	Buck et al. (2018)
-14	261	11	2.80	0.940%	0.026	Buck et al. (2018)
-16	256	11	3.20	0.690%	0.022	Buck et al. (2018)
-15	250.81	11	2.93	0.560%	0.016	Buck et al. (2018)
-14.99	247.25	11	1.22	1.470%	0.018	Buck et al. (2018)
-14.77	245	11	2.62	0.830%	0.022	Buck et al. (2018)
-14	240	11	3.76	0.490%	0.019	Buck et al. (2018)
-12.54	235	12	6.36	0.350%	0.022	Buck et al. (2018)
-11.67	232	12	3.11	1.270%	0.039	Buck et al. (2018)
-11.6	225	12	1.41	1.220%	0.017	Buck et al. (2018)
-11.31	220	12	4.86	1.680%	0.058	Buck et al. (2018)

-11.03	217.05	12	4.27	0.690%	0.030	Buck et al. (2018)
38.32	-9.66	10	147.43	1.910%	2.814	Shelley et al. (2015); in review 2018
38.33	-9.66	10	109.94	3.660%	4.018	Shelley et al. (2015); in review 2018
36.77	-12.83	10	61.88	4.820%	2.984	Shelley et al. (2015); in review 2018
34.65	-16.79	10	6.89	20.690%	1.426	Shelley et al. (2015); in review 2018
32.7	-19.58	10	19.13	1.700%	0.325	Shelley et al. (2015); in review 2018
29.32	-21.94	10	4.05	2.090%	0.085	Shelley et al. (2015); in review 2018
25.77	-22.01	10	7.79	2.910%	0.227	Shelley et al. (2015); in review 2018
20.68	-20.13	10	2155.00	0.510%	11.023	Shelley et al. (2015); in review 2018
17.36	-18.66	10	2100.49	0.450%	9.442	Shelley et al. (2015); in review 2018
17.36	-18.66	10	1920.00	0.270%	5.132	Shelley et al. (2015); in review 2018
17.35	-20.42	10	3770.00	0.270%	10.077	Shelley et al. (2015); in review 2018
17.36	-20.85	10	4910.00	0.200%	9.822	Shelley et al. (2015); in review 2018
17.35	-21.85	10	1800.00	0.570%	10.308	Shelley et al. (2015); in review 2018
17.35	-21.85	11	1030.00	0.140%	1.479	Shelley et al. (2015); in review 2018
17.37	-24.53	11	267.57	0.420%	1.134	Shelley et al. (2015); in review 2018
39.71	-69.84	11	25.72	3.200%	0.824	Shelley et al. (2015); in review 2018
39.53	-69.67	11	80.25	2.730%	2.189	Shelley et al. (2015); in review 2018
39	-69.37	11	36.64	0.840%	0.306	Shelley et al. (2015); in review 2018
38.35	-68.87	11	38.28	2.270%	0.869	Shelley et al. (2015); in review 2018
37.97	-68.63	11	17.51	5.640%	0.988	Shelley et al. (2015); in review 2018
37.62	-68.38	11	8.17	3.090%	0.253	Shelley et al. (2015); in review 2018
31.89	-64.31	11	3.15	8.780%	0.277	Shelley et al. (2015); in review 2018
31.65	-63.8	11	1.71	3.530%	0.060	Shelley et al. (2015); in review 2018
30.62	-60.1	11	3.23	5.090%	0.164	Shelley et al. (2015); in review 2018
28.64	-53.23	11	0.95	17.620%	0.167	Shelley et al. (2015); in review 2018
27.57	-49.59	11	0.90	4.390%	0.040	Shelley et al. (2015); in review 2018
26.93	-47.47	11	1.87	16.510%	0.309	Shelley et al. (2015); in review 2018

26.21	-45.07	11	1.59	11.360%	0.181	Shelley et al. (2015); in review 2018
25.86	-44.22	11	14.25	2.490%	0.355	Shelley et al. (2015); in review 2018
24.85	-41.88	11	13.64	2.370%	0.323	Shelley et al. (2015); in review 2018
24.15	-40.22	12	3.70	4.830%	0.179	Shelley et al. (2015); in review 2018
23.43	-38.48	12	1.34	7.590%	0.101	Shelley et al. (2015); in review 2018
22.53	-36.3	12	494.10	0.380%	1.857	Shelley et al. (2015); in review 2018
22.37	-35.87	12	2245.00	0.310%	7.000	Shelley et al. (2015); in review 2018
21.63	-34.12	12	623.48	0.410%	2.571	Shelley et al. (2015); in review 2018
20.16	-31	12	1580.00	0.310%	4.944	Shelley et al. (2015); in review 2018
19.43	-29.38	12	2529.85	0.420%	10.608	Shelley et al. (2015); in review 2018
18.78	-27.76	12	3655.00	0.220%	8.211	Shelley et al. (2015); in review 2018
17.58	-24.92	12	5645.14	0.430%	24.370	Shelley et al. (2015); in review 2018
40.33	-10.04	5	5.08	2.870%	0.146	Shelley et al. (2015); in review 2018
40.86	-13.05	5	12.68	3.390%	0.430	Shelley et al. (2015); in review 2018
41.38	-13.89	5	18.66	4.290%	0.801	Shelley et al. (2015); in review 2018
41.38	-13.89	5	14.26	4.650%	0.663	Shelley et al. (2015); in review 2018
42.58	-15.46	5	14.28	3.380%	0.483	Shelley et al. (2015); in review 2018
46.17	-19.38	5	6.27	5.160%	0.323	Shelley et al. (2015); in review 2018
48.78	-21.43	6	6.01	3.490%	0.210	Shelley et al. (2015); in review 2018
51.85	-23.84	6	6.37	6.680%	0.425	Shelley et al. (2015); in review 2018
54.47	-25.89	6	7.39	19.570%	1.447	Shelley et al. (2015); in review 2018
56.86	-28.22	6	8.95	11.670%	1.044	Shelley et al. (2015); in review 2018
58.7	-32.25	6	4.99	7.730%	0.385	Shelley et al. (2015); in review 2018
59.41	-36.87	6	0.67	5.810%	0.039	Shelley et al. (2015); in review 2018
59.71	-40.48	6	0.68	21.320%	0.145	Shelley et al. (2015); in review 2018
59.8	-42	6	0.57	12.500%	0.071	Shelley et al. (2015); in review 2018
59.39	-44.31	6	1.40	9.420%	0.131	Shelley et al. (2015); in review 2018
56.32	-47.79	6	0.19	6.740%	0.012	Shelley et al. (2015); in review 2018

54.32	-49.78	6	9.71	3.310%	0.321	Shelley et al. (2015); in review 2018
52.46	-52.62	6	3.14	1.900%	0.060	Shelley et al. (2015); in review 2018
-45.01	142.98	1	10.80	0.470%	0.051	Bowie et al. (2009)
-54	145.98	2	6.50	1.350%	0.088	Bowie et al. (2009)
-50.99	148.57	2	16.80	0.190%	0.032	Bowie et al. (2009)
-47	152.07	2	6.70	1.480%	0.099	Bowie et al. (2009)
-45.5	153.2	2	5.00	1.620%	0.081	Bowie et al. (2009)
-45.27	153.01	2	6.00	2.520%	0.151	Bowie et al. (2009)
-44.24	150.2	2	5.10	17.650%	0.900	Bowie et al. (2009)
-37.5	104.5	11	8.10	40.740%	3.300	Gao et al. (2013)
-59	86	11	10.00	27.000%	2.700	Gao et al. (2013)
-69	76	12	14.00	23.570%	3.300	Gao et al. (2013)
-66.5	88.5	1	20.00	6.500%	1.300	Gao et al. (2013)
-65	106.5	1	56.00	1.140%	0.640	Gao et al. (2013)
-65.5	98.5	1	31.00	0.740%	0.230	Gao et al. (2013)
-67	80	1	14.00	3.430%	0.480	Gao et al. (2013)
-69	78	2	20.00	1.650%	0.330	Gao et al. (2013)
-69	77	2	30.00	1.470%	0.440	Gao et al. (2013)
-69	77	2	22.00	5.450%	1.200	Gao et al. (2013)
-69	76	2	29.00	9.310%	2.700	Gao et al. (2013)
-63	76	2	11.00	1.270%	0.140	Gao et al. (2013)
-51	88.5	3	38.00	0.760%	0.290	Gao et al. (2013)
-40	99	3	15.00	0.870%	0.130	Gao et al. (2013)
17	-17.5	3	3031.60	0.680%	20.474	Sholkovitz et al. (2012)
17.25	-17	3	1184.56	1.020%	12.095	Sholkovitz et al. (2012)
18.25	-16.85	3	867.12	0.990%	8.566	Sholkovitz et al. (2012)
19	-17.3	3	516.98	1.820%	9.405	Sholkovitz et al. (2012)
20.55	-17.95	3	39.60	13.380%	5.299	Sholkovitz et al. (2012)

19.55	-17.15	3	273.92	2.410%	6.607	Sholkovitz et al. (2012)
19.9	-17.75	3	28.56	15.580%	4.450	Sholkovitz et al. (2012)
17.8	-17.1	3	194.51	2.500%	4.853	Sholkovitz et al. (2012)
17.3	-20.55	4	198.17	2.940%	5.823	Sholkovitz et al. (2012)
18.75	-17	4	192.08	2.210%	4.243	Sholkovitz et al. (2012)
18.5	-18	4	173.97	2.280%	3.962	Sholkovitz et al. (2012)
34.82	-21.69	6	506.96	1.590%	8.074	Baker et al. (2013)
10.59	-31.3	6	473.93	0.920%	4.354	Baker et al. (2013)
3.17	-26.88	5	191.09	2.260%	4.316	Baker et al. (2013)
23.15	-33.89	6	240.38	1.820%	4.380	Baker et al. (2013)
28.03	-28.36	6	93.94	3.340%	3.133	Baker et al. (2013)
-30.58	-28.21	5	147.35	0.550%	0.809	Baker et al. (2013)
-6.37	-25	5	130.03	1.250%	1.624	Baker et al. (2013)
-27.67	-25.79	5	28.14	6.960%	1.959	Baker et al. (2013)
16.38	-34.81	6	46.54	3.270%	1.522	Baker et al. (2013)
-32.83	-31.03	5	34.15	1.350%	0.462	Baker et al. (2013)
-11.68	-24.89	5	46.51	2.360%	1.096	Baker et al. (2013)
43.34	-19.32	6	29.40	1.990%	0.586	Baker et al. (2013)
-15.58	-25	5	48.31	3.130%	1.514	Baker et al. (2013)
-23.67	-25.01	5	43.11	2.480%	1.069	Baker et al. (2013)
-19.52	-25	5	69.17	1.240%	0.861	Baker et al. (2013)
18.68	-18.45	9	5418.87	0.520%	28.267	Baker et al. (2013)
20.52	-19.17	9	4816.81	0.500%	23.959	Baker et al. (2013)
24.31	-20.72	9	644.80	1.670%	10.773	Baker et al. (2013)
15.05	-19.95	9	858.47	0.580%	5.017	Baker et al. (2013)
10.76	-21.56	9	817.28	0.850%	6.937	Baker et al. (2013)
41.24	-20.59	9	427.94	5.290%	22.618	Baker et al. (2013)
6.93	-22.79	9	417.71	1.350%	5.626	Baker et al. (2013)

27.22	-20.82	9	246.86	1.350%	3.335	Baker et al. (2013)
44.88	-18.33	9	56.73	8.800%	4.993	Baker et al. (2013)
-1.48	-24.86	9	114.68	2.240%	2.565	Baker et al. (2013)
-5.83	-25	9	22.64	9.270%	2.099	Baker et al. (2013)
2.87	-24.1	9	11.24	8.080%	0.909	Baker et al. (2013)
-22.08	-25	10	22.44	6.710%	1.506	Baker et al. (2013)
31.4	-21.49	9	23.97	6.160%	1.476	Baker et al. (2013)
35.34	-23.59	9	16.62	2.470%	0.410	Baker et al. (2013)
-27.39	-26.72	10	2.03	11.960%	0.242	Baker et al. (2013)
-33.49	-31.7	10	2.15	7.430%	0.160	Baker et al. (2013)
-39.55	-39.57	10	2.26	9.950%	0.225	Baker et al. (2013)
-18.2	-25	10	4.24	16.090%	0.682	Baker et al. (2013)
-9.88	-25	9	4.27	34.020%	1.454	Baker et al. (2013)
-14.04	-24.99	10	4.30	13.890%	0.597	Baker et al. (2013)
6.7	-27.56	5	452.29	1.610%	7.302	Baker et al. (2013)
10.31	-28.95	5	309.12	1.940%	5.998	Baker et al. (2013)
-0.84	-25.08	5	81.77	2.360%	1.929	Baker et al. (2013)
35.38	-23.66	5	87.18	4.870%	4.246	Baker et al. (2013)
2.59	-25.98	5	133.74	1.800%	2.413	Baker et al. (2013)
37.82	-20.51	5	71.21	4.620%	3.289	Baker et al. (2013)
21.73	-33.49	5	88.99	2.050%	1.823	Baker et al. (2013)
13.99	-30.38	5	164.10	2.390%	3.929	Baker et al. (2013)
33.08	-28.68	5	87.54	2.650%	2.323	Baker et al. (2013)
18.02	-31.99	5	52.24	3.580%	1.869	Baker et al. (2013)
25.28	-34.98	5	120.97	2.360%	2.854	Baker et al. (2013)
28.58	-35.74	5	96.36	2.200%	2.119	Baker et al. (2013)
30.91	-33.35	5	67.40	4.740%	3.197	Baker et al. (2013)
-41.69	-42.45	5	31.56	0.730%	0.229	Baker et al. (2013)

49.19	-10.43	5	36.68	1.900%	0.697	Baker et al. (2013)
41.28	-19.03	5	46.42	2.880%	1.339	Baker et al. (2013)
-16.58	-24.99	5	16.84	2.610%	0.440	Baker et al. (2013)
49.89	-2.66	5	16.52	10.200%	1.685	Baker et al. (2013)
-8.85	-24.99	5	92.87	2.010%	1.871	Baker et al. (2013)
-37.51	-36.87	5	10.70	1.000%	0.107	Baker et al. (2013)
-32.15	-30.04	5	12.22	1.540%	0.189	Baker et al. (2013)
-24.49	-25	5	13.59	1.310%	0.178	Baker et al. (2013)
-28.08	-26.03	5	19.27	0.700%	0.135	Baker et al. (2013)
-20.87	-24.99	5	22.90	2.260%	0.517	Baker et al. (2013)
21.31	-18.93	10	2673.82	1.200%	32.043	Baker et al. (2013)
21.34	-18.48	10	1625.41	1.800%	29.252	Baker et al. (2013)
20.88	-18.22	9	941.80	1.810%	17.050	Baker et al. (2013)
29.64	-17.93	9	385.58	2.970%	11.434	Baker et al. (2013)
8.41	-23.11	10	159.41	2.100%	3.347	Baker et al. (2013)
21.7	-19.09	9	230.91	3.150%	7.263	Baker et al. (2013)
0.48	-24.79	10	154.35	3.140%	4.845	Baker et al. (2013)
32.25	-20.37	9	44.82	4.910%	2.200	Baker et al. (2013)
5.47	-23.84	10	46.13	3.800%	1.755	Baker et al. (2013)
-13.56	-25	10	28.75	2.740%	0.787	Baker et al. (2013)
2.94	-24.34	10	34.31	5.460%	1.872	Baker et al. (2013)
39.59	-20.25	9	91.39	3.900%	3.560	Baker et al. (2013)
-9.85	-25	10	28.46	3.640%	1.035	Baker et al. (2013)
-2.77	-25	10	33.98	3.720%	1.263	Baker et al. (2013)
-6.33	-25	10	39.31	2.490%	0.977	Baker et al. (2013)
-38.06	1.43	10	26.30	7.450%	1.960	Baker et al. (2013)

-38.21	10.94	10	27.13	2.400%	0.652	Baker et al. (2013)
-32.23	-3.1	10	8.94	6.510%	0.582	Baker et al. (2013)
-24.12	-16.31	10	14.72	2.560%	0.376	Baker et al. (2013)
-20.83	-22.45	10	17.36	2.230%	0.388	Baker et al. (2013)
-27.41	-9.15	10	14.38	2.300%	0.331	Baker et al. (2013)
47.9	-14.27	9	14.08	3.390%	0.477	Baker et al. (2013)
43.15	-19.63	9	17.71	1.850%	0.327	Baker et al. (2013)
48.26	-10.61	9	19.46	3.110%	0.605	Baker et al. (2013)
46.37	-17.57	9	19.47	4.010%	0.781	Baker et al. (2013)
-17.34	-24.99	10	21.00	3.100%	0.652	Baker et al. (2013)
11.21	-30.39	6	2465.28	0.120%	2.945	Baker et al. (2013)
17.48	-33.48	6	658.56	0.880%	5.799	Baker et al. (2013)
5.52	-27.64	6	165.59	0.580%	0.952	Baker et al. (2013)
34.64	-40.26	6	139.95	0.610%	0.851	Baker et al. (2013)
-25.87	-19.15	5	21.16	1.220%	0.259	Baker et al. (2013)
-0.26	-25.58	6	24.52	0.120%	0.030	Baker et al. (2013)
24.32	-36.98	6	36.13	10.150%	3.667	Baker et al. (2013)
-27.84	-10.42	5	8.96	1.630%	0.146	Baker et al. (2013)
30.07	-41.18	6	14.77	10.260%	1.516	Baker et al. (2013)
-14.91	-25	6	20.25	2.990%	0.606	Baker et al. (2013)
-32.37	13.58	5	16.50	3.630%	0.599	Baker et al. (2013)
-29.64	-1.05	5	12.48	2.480%	0.309	Baker et al. (2013)
45.1	-19.12	6	15.64	3.630%	0.568	Baker et al. (2013)
39.52	-30.44	6	9.65	97.960%	9.451	Baker et al. (2013)
13.03	-31.27	11	641.79	1.360%	8.725	Baker et al. (2013)
1.41	-25.68	11	364.66	3.010%	10.978	Baker et al. (2013)
-2.31	-25	11	86.68	2.620%	2.272	Baker et al. (2013)
9.08	-29.23	11	123.34	2.200%	2.714	Baker et al. (2013)

15.9	-32.69	11	184.91	2.280%	4.215	Baker et al. (2013)
36.62	-27.85	10	24.23	1.920%	0.464	Baker et al. (2013)
4.32	-27.06	11	34.76	5.680%	1.974	Baker et al. (2013)
-17.81	-25	11	27.64	1.790%	0.494	Baker et al. (2013)
-6.73	-25	11	43.44	3.660%	1.590	Baker et al. (2013)
-21.86	-20.76	11	30.62	0.910%	0.279	Baker et al. (2013)
-13.79	-25	11	35.98	1.540%	0.554	Baker et al. (2013)
20.26	-34.92	11	28.98	2.100%	0.608	Baker et al. (2013)
-31.26	1.28	11	15.35	1.390%	0.214	Baker et al. (2013)
-27.84	-7.09	11	14.21	1.330%	0.189	Baker et al. (2013)
-24.47	-14.88	11	9.22	2.000%	0.184	Baker et al. (2013)
40.84	-22.48	10	10.96	3.400%	0.373	Baker et al. (2013)
24.86	-37.25	11	13.72	2.070%	0.284	Baker et al. (2013)
47.1	-17.12	10	13.81	3.040%	0.420	Baker et al. (2013)
27.99	-37.64	10	14.18	3.780%	0.536	Baker et al. (2013)
49.73	-13.88	10	17.69	1.540%	0.273	Baker et al. (2013)
37.15	-26.52	10	18.32	7.690%	1.408	Baker et al. (2013)
37.71	-25.62	10	19.20	1.540%	0.295	Baker et al. (2013)
37.09	-26.31	10	20.09	6.460%	1.298	Baker et al. (2013)
30.11	-34.87	10	20.64	1.240%	0.256	Baker et al. (2013)
-20.4	-23.7	11	20.98	1.540%	0.323	Baker et al. (2013)
35	-31	10	22.29	2.250%	0.501	Baker et al. (2013)
44.48	-18.97	10	22.90	2.320%	0.531	Baker et al. (2013)
-33.4	7.74	11	26.80	1.240%	0.333	Baker et al. (2013)
-10.45	-25	11	28.84	3.810%	1.098	Baker et al. (2013)
9.17	-31.05	10	NaN	NaN	14.539	Baker et al. (2017)
20.11	-38.48	10	NaN	NaN	12.550	Baker et al. (2017)

14.69	-34.78	10	NaN	NaN	7.664	Baker et al. (2017)
6.28	-29.14	10	NaN	NaN	5.404	Baker et al. (2017)
24.06	-38.87	10	NaN	NaN	4.763	Baker et al. (2017)
33.77	-30.23	10	NaN	NaN	3.657	Baker et al. (2017)
36.45	-27.13	10	NaN	NaN	3.129	Baker et al. (2017)
30.97	-33.41	10	NaN	NaN	1.670	Baker et al. (2017)
44.06	-21.88	10	NaN	NaN	1.136	Baker et al. (2017)
3.33	-27.2	10	NaN	NaN	0.956	Baker et al. (2017)
-29.31	-27.43	10	NaN	NaN	0.902	Baker et al. (2017)
-0.16	-26.12	10	NaN	NaN	0.762	Baker et al. (2017)
-38.87	-38.64	11	NaN	NaN	0.709	Baker et al. (2017)
-10.69	-24.99	10	NaN	NaN	0.704	Baker et al. (2017)
-4.53	-25	10	NaN	NaN	0.556	Baker et al. (2017)
-23.57	-24.98	10	NaN	NaN	0.553	Baker et al. (2017)
-44.12	-45.82	11	NaN	NaN	0.550	Baker et al. (2017)
40.4	-24.64	10	NaN	NaN	0.541	Baker et al. (2017)
45.83	-19.44	10	NaN	NaN	0.173	Baker et al. (2017)
-34.12	-32.51	11	NaN	NaN	0.163	Baker et al. (2017)
						Baker et al. (2017)
						Baker et al. (2017)
14.3	-34.56	11	NaN	NaN	28.154	Baker et al. (2017)
11.68	-32.79	11	NaN	NaN	17.697	Baker et al. (2017)
16.88	-36.31	10	NaN	NaN	10.174	Baker et al. (2017)
47.56	-17.83	10	NaN	NaN	2.281	Baker et al. (2017)
5.59	-28.72	11	NaN	NaN	2.278	Baker et al. (2017)
41.74	-22.25	10	NaN	NaN	1.457	Baker et al. (2017)
44.65	-20.09	10	NaN	NaN	1.437	Baker et al. (2017)
33.62	-30.98	10	NaN	NaN	1.289	Baker et al. (2017)

19.67	-38.24	10	NaN	NaN	1.094	Baker et al. (2017)
37.4	-26.07	10	NaN	NaN	0.882	Baker et al. (2017)
38.92	-24.54	10	NaN	NaN	0.763	Baker et al. (2017)
-5.9	-25	11	NaN	NaN	0.635	Baker et al. (2017)
-26.76	-25.57	11	NaN	NaN	0.551	Baker et al. (2017)
25.79	-39.22	10	NaN	NaN	0.541	Baker et al. (2017)
23.59	-40.32	10	NaN	NaN	0.512	Baker et al. (2017)
27.73	-37.39	10	NaN	NaN	0.476	Baker et al. (2017)
-9.49	-25	11	NaN	NaN	0.384	Baker et al. (2017)
-34.49	-35.94	11	NaN	NaN	0.370	Baker et al. (2017)
9.23	-31.15	11	NaN	NaN	0.364	Baker et al. (2017)
-0.08	-25.91	11	NaN	NaN	0.309	Baker et al. (2017)
35.83	-28.16	10	NaN	NaN	0.286	Baker et al. (2017)
29.62	-35.58	10	NaN	NaN	0.265	Baker et al. (2017)
-13.92	-25.09	11	NaN	NaN	0.264	Baker et al. (2017)
31.68	-33.38	10	NaN	NaN	0.246	Baker et al. (2017)
21.82	-39.74	10	NaN	NaN	0.243	Baker et al. (2017)
-32.52	-32.3	11	NaN	NaN	0.143	Baker et al. (2017)
-30.02	-27.97	11	NaN	NaN	0.098	Baker et al. (2017)
-21.82	-25	11	NaN	NaN	0.065	Baker et al. (2017)
12.24	-32.67	10	NaN	NaN	13.402	Baker et al. (2017)
44.68	-20.83	10	NaN	NaN	11.923	Baker et al. (2017)
-47.52	-55.3	11	NaN	NaN	4.634	Baker et al. (2017)
15.01	-34.55	10	NaN	NaN	4.411	Baker et al. (2017)
9.42	-30.75	10	NaN	NaN	2.402	Baker et al. (2017)
47.65	-18.36	10	NaN	NaN	2.325	Baker et al. (2017)
25	-40.01	10	NaN	NaN	1.900	Baker et al. (2017)
-38.09	-42.3	11	NaN	NaN	1.460	Baker et al. (2017)

6.49	-28.81	11	NaN	NaN	1.393	Baker et al. (2017)
-13.84	-21.03	11	NaN	NaN	1.212	Baker et al. (2017)
22.42	-39.77	10	NaN	NaN	1.210	Baker et al. (2017)
-32.13	-35.61	11	NaN	NaN	0.993	Baker et al. (2017)
0.69	-25.44	11	NaN	NaN	0.989	Baker et al. (2017)
-11.04	-18.22	11	NaN	NaN	0.935	Baker et al. (2017)
-43.45	-50.08	11	NaN	NaN	0.915	Baker et al. (2017)
27.18	-38.07	10	NaN	NaN	0.885	Baker et al. (2017)
31.51	-33.45	10	NaN	NaN	0.853	Baker et al. (2017)
-7.01	-18.47	11	NaN	NaN	0.851	Baker et al. (2017)
-16.61	-23.74	11	NaN	NaN	0.843	Baker et al. (2017)
39.57	-25.05	10	NaN	NaN	0.824	Baker et al. (2017)
29.34	-35.76	10	NaN	NaN	0.813	Baker et al. (2017)
42.29	-22.98	10	NaN	NaN	0.800	Baker et al. (2017)
-4.92	-24.12	11	NaN	NaN	0.768	Baker et al. (2017)
3.56	-26.88	11	NaN	NaN	0.729	Baker et al. (2017)
33.53	-31.08	10	NaN	NaN	0.728	Baker et al. (2017)
-6.36	-21.24	11	NaN	NaN	0.695	Baker et al. (2017)
-25.22	-28.34	11	NaN	NaN	0.624	Baker et al. (2017)
-2.1	-25	11	NaN	NaN	0.489	Baker et al. (2017)
-28.28	-31.03	11	NaN	NaN	0.454	Baker et al. (2017)
-19.2	-25.11	11	NaN	NaN	0.380	Baker et al. (2017)
-22.05	-26.05	11	NaN	NaN	0.261	Baker et al. (2017)
19.32	-37.77	10	NaN	NaN	16.579	Baker et al. (2017)
14.33	-34.27	10	NaN	NaN	16.468	Baker et al. (2017)
16.95	-36.08	10	NaN	NaN	12.638	Baker et al. (2017)
21.53	-39.41	10	NaN	NaN	12.145	Baker et al. (2017)
31.85	-30.91	10	NaN	NaN	8.583	Baker et al. (2017)

27.89	-36.01	10	NaN	NaN	7.344	Baker et al. (2017)
11.26	-32.21	10	NaN	NaN	6.800	Baker et al. (2017)
33.87	-28.25	10	NaN	NaN	6.489	Baker et al. (2017)
29.89	-33.47	10	NaN	NaN	6.391	Baker et al. (2017)
38.9	-22.9	10	NaN	NaN	6.039	Baker et al. (2017)
45.26	-19	10	NaN	NaN	3.933	Baker et al. (2017)
23.86	-40.03	10	NaN	NaN	3.915	Baker et al. (2017)
37.26	-23.84	10	NaN	NaN	3.366	Baker et al. (2017)
-0.32	-25.33	10	NaN	NaN	2.748	Baker et al. (2017)
25.95	-38.41	10	NaN	NaN	2.246	Baker et al. (2017)
-3.68	-25.02	10	NaN	NaN	0.824	Baker et al. (2017)
-45.03	-50.95	11	NaN	NaN	0.648	Baker et al. (2017)
6.52	-28.44	10	NaN	NaN	0.590	Baker et al. (2017)
-7.08	-25.04	10	NaN	NaN	0.550	Baker et al. (2017)
-37.17	-37.96	11	NaN	NaN	0.491	Baker et al. (2017)
-10.18	-25.07	10	NaN	NaN	0.424	Baker et al. (2017)
42.19	-20.92	10	NaN	NaN	0.349	Baker et al. (2017)
-29.3	-27.36	10	NaN	NaN	0.308	Baker et al. (2017)
8.16	-30.18	10	NaN	NaN	0.298	Baker et al. (2017)
2.44	-26.52	10	NaN	NaN	0.281	Baker et al. (2017)
48.09	-16.32	10	NaN	NaN	0.249	Baker et al. (2017)
-17.74	-25.09	10	NaN	NaN	0.224	Baker et al. (2017)
-33.41	-32.49	11	NaN	NaN	0.197	Baker et al. (2017)
-41.01	-43.82	11	NaN	NaN	0.180	Baker et al. (2017)
-19.82	-25.08	10	NaN	NaN	0.171	Baker et al. (2017)
-23.98	-25.05	10	NaN	NaN	0.151	Baker et al. (2017)
-15.57	-25.08	10	NaN	NaN	0.109	Baker et al. (2017)
-12.92	-25.07	10	NaN	NaN	0.103	Baker et al. (2017)

13.25	-19.15	10	NaN	NaN	32.325	Baker et al. (2006)
8.2	-16.95	10	NaN	NaN	7.502	Baker et al. (2006)
-9.15	-3.1	10	NaN	NaN	2.750	Baker et al. (2006)
-17.7	3.9	10	NaN	NaN	1.025	Baker et al. (2006)
3.65	-13.4	10	NaN	NaN	2.160	Baker et al. (2006)
-4.9	-6.55	10	NaN	NaN	2.115	Baker et al. (2006)
-13.55	0.5	10	NaN	NaN	2.619	Baker et al. (2006)
18.65	-20.25	10	NaN	NaN	35.669	Baker et al. (2006)
-0.7	-9.9	10	NaN	NaN	1.406	Baker et al. (2006)
12.25	-20.48	11	264.39	3.330%	8.817	Baker et al. (2013)
8.74	-18.8	11	253.05	3.790%	9.590	Baker et al. (2013)
16.14	-20.87	10	230.80	3.720%	8.593	Baker et al. (2013)
-13.08	-1.55	11	36.75	2.210%	0.813	Baker et al. (2013)
24.01	-19.19	10	19.00	3.400%	0.646	Baker et al. (2013)
-7.42	-6.05	11	80.72	1.480%	1.192	Baker et al. (2013)
-10.36	-3.71	11	34.78	0.390%	0.137	Baker et al. (2013)
27.55	-17.08	10	45.82	2.610%	1.195	Baker et al. (2013)
20.43	-20.72	10	56.74	1.610%	0.916	Baker et al. (2013)
5.37	-16.09	11	50.41	20.800%	10.483	Baker et al. (2013)
1.97	-13.36	11	31.58	20.050%	6.332	Baker et al. (2013)
39.1	-11.09	10	14.91	4.800%	0.716	Baker et al. (2013)
-4.08	-8.64	11	40.76	1.690%	0.690	Baker et al. (2013)
-17.69	2.2	11	28.90	0.730%	0.210	Baker et al. (2013)
-23.54	7.18	11	25.94	2.550%	0.662	Baker et al. (2013)
31.55	-15.43	10	12.06	1.030%	0.124	Baker et al. (2013)
-0.95	-11.07	11	15.42	8.100%	1.249	Baker et al. (2013)
-33.99	17.47	2	61.41	2.080%	1.277	Sholkovitz et al. (2012)

-34.05	16.02	2	6.03	10.050%	0.606	Sholkovitz et al. (2012)
-55.28	-0.03	3	9.76	47.810%	4.665	Sholkovitz et al. (2012)
-41.81	9.39	2	11.61	15.250%	1.771	Sholkovitz et al. (2012)
-35.27	14.17	2	17.17	5.990%	1.029	Sholkovitz et al. (2012)
-38.66	11.64	2	7.02	9.990%	0.701	Sholkovitz et al. (2012)
-50.09	1.8	3	11.57	15.790%	1.827	Sholkovitz et al. (2012)
-45.8	6.01	2	6.91	22.350%	1.544	Sholkovitz et al. (2012)
16.21	-30.66	1	16699.67	0.330%	55.867	Sholkovitz et al. (2012)
20.89	-26.97	1	15048.11	0.480%	72.127	Sholkovitz et al. (2012)
16.22	-30.65	1	12763.37	0.450%	57.655	Sholkovitz et al. (2012)
24.02	-27.68	1	9463.10	0.530%	50.503	Sholkovitz et al. (2012)
16.22	-30.65	1	9441.55	0.580%	54.308	Sholkovitz et al. (2012)
17.78	-27.68	1	8069.10	1.340%	108.367	Sholkovitz et al. (2012)
12.65	-26.81	1	6604.73	0.410%	27.299	Sholkovitz et al. (2012)
12.56	-31.92	1	5527.98	0.700%	38.493	Sholkovitz et al. (2012)
12.61	-29.16	1	4850.03	0.570%	27.832	Sholkovitz et al. (2012)
16.4	-29.73	1	4826.19	0.650%	31.194	Sholkovitz et al. (2012)
16.16	-30.65	1	1290.02	1.670%	21.599	Sholkovitz et al. (2012)
25.77	-27.06	1	968.67	1.140%	11.049	Sholkovitz et al. (2012)
24.91	-21.29	1	874.93	1.090%	9.542	Sholkovitz et al. (2012)
13.85	-25.69	1	850.54	1.640%	13.991	Sholkovitz et al. (2012)
12.54	-34.33	1	761.43	1.200%	9.126	Sholkovitz et al. (2012)
18.07	-24.55	1	564.59	2.000%	11.292	Sholkovitz et al. (2012)
25.74	-24.72	1	466.22	1.470%	6.847	Sholkovitz et al. (2012)
16.36	-24.9	1	421.21	4.320%	18.181	Sholkovitz et al. (2012)
19.42	-25.32	1	397.15	1.620%	6.447	Sholkovitz et al. (2012)
21.6	-26.52	1	250.14	1.610%	4.034	Sholkovitz et al. (2012)
23.96	-27.84	1	34.39	4.710%	1.621	Sholkovitz et al. (2012)

25.99	-29	1	27.78	5.650%	1.569	Sholkovitz et al. (2012)
14.31	-30.64	1	42.27	3.570%	1.508	Sholkovitz et al. (2012)
12.57	-34	1	42.18	3.560%	1.502	Sholkovitz et al. (2012)
12.55	-31.63	1	41.31	3.560%	1.473	Sholkovitz et al. (2012)
26.43	-24.84	2	145.71	2.540%	3.701	Sholkovitz et al. (2012)
26.51	-27.93	1	59.66	9.410%	5.614	Sholkovitz et al. (2012)
-40.02	3.19	10	61.92	0.540%	0.335	Jickells et al. (2016)
-37.59	11.18	11	14.83	1.820%	0.269	Jickells et al. (2016)
-35.42	15.38	10	24.50	1.010%	0.249	Jickells et al. (2016)
-36.67	12.7	11	28.84	0.870%	0.251	Jickells et al. (2016)
-35.16	15.8	11	33.16	0.620%	0.206	Jickells et al. (2016)
-39.1	7.96	10	33.70	0.500%	0.167	Jickells et al. (2016)
-37.27	11.95	10	34.03	0.540%	0.185	Jickells et al. (2016)
-34.51	17.33	11	35.42	2.600%	0.919	Jickells et al. (2016)
-40.01	-0.83	10	41.82	2.120%	0.885	Jickells et al. (2016)
-35.9	10.91	11	49.04	0.720%	0.352	Jickells et al. (2016)
-38.92	0.24	10	137.29	0.340%	0.465	Jickells et al. (2016)
12.58	-22.69	2	5823.34	0.670%	39.171	Powell et al. (2015)
12.58	-23.66	2	5096.88	0.450%	22.764	Powell et al. (2015)
10.88	-25.42	2	3681.33	0.810%	29.930	Powell et al. (2015)
12.42	-24.54	2	3139.56	0.510%	16.165	Powell et al. (2015)
13.48	-28.85	3	2746.91	0.030%	0.938	Powell et al. (2015)
16.47	-28.59	3	1997.33	0.060%	1.116	Powell et al. (2015)
12.87	-17.77	2	2750.85	0.620%	17.097	Powell et al. (2015)
6.85	-25.55	2	2516.99	0.650%	16.416	Powell et al. (2015)
12.58	-18.21	2	2597.83	0.980%	25.541	Powell et al. (2015)
12.56	-20.35	2	1600.85	1.240%	19.815	Powell et al. (2015)
2.92	-25.41	2	1494.29	0.570%	8.536	Powell et al. (2015)

5.53	-27.46	3	832.03	1.430%	11.927	Powell et al. (2015)
-1.94	-25.71	3	468.05	1.360%	6.370	Powell et al. (2015)
2.99	-26.68	3	515.51	1.360%	7.033	Powell et al. (2015)
1.22	-26.04	3	314.02	1.260%	3.962	Powell et al. (2015)
7.89	-28.14	3	452.97	1.170%	5.320	Powell et al. (2015)
10.17	-28.66	3	254.82	1.270%	3.231	Powell et al. (2015)
-1.38	-25.23	3	64.31	2.930%	1.884	Powell et al. (2015)
20.19	-26.84	3	70.52	0.430%	0.304	Powell et al. (2015)
22.34	-24.06	3	75.41	0.430%	0.325	Powell et al. (2015)
-6.56	-25.06	3	75.74	0.430%	0.326	Powell et al. (2015)
18.3	-28.25	3	75.80	0.520%	0.395	Powell et al. (2015)
-5.37	-25.07	3	81.98	0.650%	0.530	Powell et al. (2015)
-4.53	-25.34	3	83.94	1.290%	1.080	Powell et al. (2015)
27.59	-22.76	5	91.86	4.590%	4.213	Powell et al. (2015)
27.63	-23.23	5	122.15	2.680%	3.271	Powell et al. (2015)
27.81	-23.34	5	25.09	4.370%	1.095	Powell et al. (2015)
27.79	-23.34	5	39.55	6.190%	2.449	Powell et al. (2015)
27.81	-22.42	5	52.96	3.530%	1.870	Powell et al. (2015)
27.88	-21.46	5	58.18	4.670%	2.716	Powell et al. (2015)
27.86	-23.07	5	31.43	4.300%	1.351	Powell et al. (2015)
27.86	-21.44	5	83.19	5.100%	4.241	Powell et al. (2015)
19.64	-18.55	5	NaN	NaN	25.279	Powell et al. (2015)
19.64	-18.11	5	NaN	NaN	25.126	Powell et al. (2015)
21.49	-17.86	5	NaN	NaN	25.046	Powell et al. (2015)
21.07	-18.33	5	NaN	NaN	22.396	Powell et al. (2015)
19.66	-18.8	5	NaN	NaN	21.728	Powell et al. (2015)
19.78	-18.36	5	NaN	NaN	18.981	Powell et al. (2015)
20.75	-17.8	4	NaN	NaN	17.068	Powell et al. (2015)

21.18	-17.36	4	NaN	NaN	17.028	Powell et al. (2015)
21.55	-18.02	5	NaN	NaN	15.884	Powell et al. (2015)
20.79	-18.23	4	NaN	NaN	14.613	Powell et al. (2015)
20.65	-17.93	4	NaN	NaN	13.836	Powell et al. (2015)
21.57	-18.06	5	NaN	NaN	12.246	Powell et al. (2015)
21.36	-17.69	4	NaN	NaN	10.079	Powell et al. (2015)
21.37	-17.28	4	NaN	NaN	8.023	Powell et al. (2015)
21.23	-18.68	4	NaN	NaN	7.981	Powell et al. (2015)
19.5	-18.08	5	NaN	NaN	7.148	Powell et al. (2015)
19.02	-18.8	5	NaN	NaN	6.137	Powell et al. (2015)
21.09	-17.42	4	NaN	NaN	4.209	Powell et al. (2015)
20.21	-18.42	5	NaN	NaN	4.139	Powell et al. (2015)
26.14	-16.92	5	NaN	NaN	3.471	Powell et al. (2015)
23.12	-17.67	5	NaN	NaN	2.414	Powell et al. (2015)
20.87	-17.63	4	NaN	NaN	2.352	Powell et al. (2015)
-40.01	-17.65	1	38.75	0.700%	0.270	Jickells et al. (2016)
-40	-21.99	1	47.42	1.520%	0.719	Jickells et al. (2016)
-39.02	-46.71	1	8.59	2.290%	0.197	Jickells et al. (2016)
-40.11	-12.61	1	10.55	1.480%	0.156	Jickells et al. (2016)
-39.99	-3.41	1	11.51	5.190%	0.597	Jickells et al. (2016)
-38.89	8.04	12	11.68	2.100%	0.246	Jickells et al. (2016)
-40	-28.63	1	12.35	1.480%	0.183	Jickells et al. (2016)
-40.02	2.13	1	12.54	1.480%	0.186	Jickells et al. (2016)
-40.1	-8.21	1	12.99	1.480%	0.193	Jickells et al. (2016)
-36.39	13.59	12	13.41	1.480%	0.199	Jickells et al. (2016)
-40	-37.46	1	18.29	1.240%	0.227	Jickells et al. (2016)
-37.51	-51.75	1	21.78	6.360%	1.386	Jickells et al. (2016)
-36.77	-52.81	1	34.91	1.870%	0.651	Jickells et al. (2016)

-35.83	-54.04	1	58.55	1.480%	0.869	Jickells et al. (2016)
17.97	-18.5	9	330.56	1.420%	4.705	Baker et al. (2006b)
-34.5	-53.36	10	84.66	5.170%	4.380	Baker et al. (2006b)
13.06	-18.36	9	323.20	1.730%	5.582	Baker et al. (2006b)
-5.07	-13.45	9	16.19	5.600%	0.907	Baker et al. (2006b)
22.66	-18.3	9	115.35	3.780%	4.361	Baker et al. (2006b)
3.55	-16.76	9	55.30	4.240%	2.346	Baker et al. (2006b)
-23.65	-36.6	10	89.34	5.190%	4.633	Baker et al. (2006b)
-1.2	-15.8	9	54.46	5.590%	3.042	Baker et al. (2006b)
-9.83	-17.04	10	41.72	4.980%	2.076	Baker et al. (2006b)
27.76	-17.53	9	14.88	4.800%	0.715	Baker et al. (2006b)
-32.66	-50.4	10	15.80	8.720%	1.378	Baker et al. (2006b)
-10.91	-13.97	10	17.87	4.230%	0.756	Baker et al. (2006b)
36.86	-14.49	9	18.49	50.830%	9.399	Baker et al. (2006b)
-13.85	-22.62	10	23.37	4.580%	1.070	Baker et al. (2006b)
-5.79	-14.86	9	20.95	5.350%	1.121	Baker et al. (2006b)
42.03	-11.31	9	8.02	14.570%	1.168	Baker et al. (2006b)
-20.68	-32.26	10	8.10	6.190%	0.501	Baker et al. (2006b)
-17.74	-28.09	10	8.32	7.800%	0.649	Baker et al. (2006b)
-47.15	-57.05	10	11.31	4.610%	0.522	Baker et al. (2006b)
-38.75	-56.2	10	12.40	11.320%	1.403	Baker et al. (2006b)
46.56	-7.91	9	8.26	23.020%	1.903	Baker et al. (2006b)
32.61	-16.13	9	5.86	4.600%	0.270	Baker et al. (2006b)
-29.63	-45.61	10	8.15	13.140%	1.071	Baker et al. (2006b)
-25.71	-39.63	10	10.49	10.200%	1.070	Baker et al. (2006b)
11	-19.73	11	3537.46	0.540%	19.167	Baker et al. (2006a)
10.79	-17.99	11	3696.06	0.900%	33.112	Baker et al. (2006a)
9.46	-24.69	11	3124.49	0.630%	19.695	Baker et al. (2006a)

10.16	-19.71	11	1882.73	0.950%	17.920	Baker et al. (2006a)
11.04	-17.75	11	1520.71	1.570%	23.803	Baker et al. (2006a)
11.26	-20.19	11	1261.81	1.960%	24.710	Baker et al. (2006a)
10	-31.78	10	1154.38	0.680%	7.881	Baker et al. (2006a)
10.81	-23.18	11	993.55	1.610%	16.039	Baker et al. (2006a)
10	-43.29	10	397.02	1.200%	4.782	Baker et al. (2006a)
3.76	-7.97	11	277.48	2.290%	6.353	Baker et al. (2006a)
10.28	-52.57	10	324.83	0.710%	2.316	Baker et al. (2006a)
8.15	-18.04	11	485.58	1.960%	9.499	Baker et al. (2006a)
10	-28.92	10	541.67	0.540%	2.950	Baker et al. (2006a)
7.18	-24.38	11	150.50	1.930%	2.902	Baker et al. (2006a)
10.78	-56.2	10	317.82	1.020%	3.241	Baker et al. (2006a)
10.01	-34.82	10	393.79	1.120%	4.396	Baker et al. (2006a)
10.02	-37.62	10	258.87	1.920%	4.969	Baker et al. (2006a)
0.01	-24.74	10	38.94	4.060%	1.581	Baker et al. (2006a)
10	-46.44	10	295.26	1.220%	3.611	Baker et al. (2006a)
3.55	-3.68	11	196.61	2.400%	4.726	Baker et al. (2006a)
10	-49.7	10	33.36	2.220%	0.740	Baker et al. (2006a)
8.5	-26.94	10	203.18	2.000%	4.060	Baker et al. (2006a)
4.68	-11.93	11	181.48	3.190%	5.797	Baker et al. (2006a)
1.03	-23.49	10	35.88	2.230%	0.800	Baker et al. (2006a)
6.13	-15.41	11	170.41	2.960%	5.044	Baker et al. (2006a)
10	-40.31	10	95.69	2.510%	2.400	Baker et al. (2006a)
1.56	-26.1	10	20.01	7.910%	1.582	Baker et al. (2006a)
5.04	-26.34	10	26.65	3.190%	0.851	Baker et al. (2006a)
18.08	-16.76	7	4941.49	0.770%	38.120	Powell et al. (2015)
18.51	-16.5	7	3251.40	1.060%	34.420	Powell et al. (2015)
19.31	-17.8	7	2383.48	0.910%	21.636	Powell et al. (2015)

18.78	-17.84	7	2304.23	0.600%	13.734	Powell et al. (2015)
18.33	-16.51	7	2197.04	1.110%	24.475	Powell et al. (2015)
18	-18.01	7	1563.36	1.570%	24.567	Powell et al. (2015)
20.06	-17.3	7	1312.01	1.020%	13.388	Powell et al. (2015)
18.97	-16.78	7	1107.29	1.460%	16.163	Powell et al. (2015)
19.72	-18.58	7	898.17	1.270%	11.415	Powell et al. (2015)
18	-20.01	7	765.00	1.680%	12.856	Powell et al. (2015)
18	-22.01	7	690.14	1.880%	12.995	Powell et al. (2015)
18.54	-18.42	7	683.92	1.650%	11.264	Powell et al. (2015)
18.37	-17.48	7	557.83	1.360%	7.561	Powell et al. (2015)
18.34	-16.71	7	544.17	1.570%	8.520	Powell et al. (2015)
18.86	-19.23	7	434.04	1.950%	8.448	Powell et al. (2015)
20.14	-17.89	7	370.70	1.580%	5.845	Powell et al. (2015)
17.94	-24.58	7	339.87	1.980%	6.724	Powell et al. (2015)
21.2	-20.77	8	290.13	1.930%	5.601	Powell et al. (2015)
26.18	-18	8	63.00	7.210%	4.545	Powell et al. (2015)
23.97	-19.84	8	172.45	2.930%	5.052	Powell et al. (2015)
19.77	-20.77	8	154.07	2.480%	3.815	Powell et al. (2015)
59.6	-20.18	8	214.30	1.630%	3.503	Sholkovitz et al. (2012)
59.31	-19.1	8	133.97	6.080%	8.143	Sholkovitz et al. (2012)
58.53	-12.43	8	50.28	12.060%	6.064	Sholkovitz et al. (2012)
59.6	-19.72	8	60.34	2.400%	1.446	Sholkovitz et al. (2012)
59.2	-19.85	8	36.53	2.800%	1.021	Sholkovitz et al. (2012)
59.91	-19.34	8	9.80	16.000%	1.567	Sholkovitz et al. (2012)
59.52	-18.99	8	14.75	8.570%	1.264	Sholkovitz et al. (2012)
59.51	-19.89	8	9.08	8.810%	0.800	Sholkovitz et al. (2012)
59.8	-20.6	8	8.57	17.130%	1.468	Sholkovitz et al. (2012)
59.31	-19.48	8	0.41	74.690%	0.303	Sholkovitz et al. (2012)

59.3	-19.68	8	0.42		0.764	Sholkovitz et al. (2012)
59.94	-20.22	8	0.45		0.808	Sholkovitz et al. (2012)
59.62	-19.07	8	0.52	58.490%	0.304	Sholkovitz et al. (2012)
59.22	-19.98	8	4.12	23.150%	0.953	Sholkovitz et al. (2012)
59.71	-15.91	8	4.43	4.860%	0.215	Sholkovitz et al. (2012)
61.16	-18.83	8	7.46	5.080%	0.379	Sholkovitz et al. (2012)
60.74	-20.02	6	NaN	NaN	1.989	Achterberg et al. (2018)
58.55	-8.68	6	NaN	NaN	1.941	Achterberg et al. (2018)
57.47	-11.31	6	NaN	NaN	1.230	Achterberg et al. (2018)
58.26	-16.44	6	NaN	NaN	1.182	Achterberg et al. (2018)
60.72	-38.49	7	13.62	3.650%	0.498	Achterberg et al. (2018)
61.18	-22.42	8	10.01	5.810%	0.582	Achterberg et al. (2018)
59.42	-33.4	7	10.38	9.630%	1.000	Achterberg et al. (2018)
63.41	-29.44	8	8.46	9.770%	0.826	Achterberg et al. (2018)
60	-38.59	7	2.34	13.370%	0.313	Achterberg et al. (2018)
61.19	-32.98	7	2.58	9.960%	0.257	Achterberg et al. (2018)
63.1	-18.76	5	84748.71	0.300%	253.115	Achterberg et al. (2018)
63.09	-19.08	5	67446.47	0.330%	222.051	Achterberg et al. (2018)
63.39	-21.31	5	2586.49	0.760%	19.620	Achterberg et al. (2018)
62.5	-19.97	5	259.06	4.900%	12.703	Achterberg et al. (2018)
60.98	-22.88	5	195.88	4.540%	8.892	Achterberg et al. (2018)
60	-35.01	4	58.84	3.000%	1.768	Achterberg et al. (2018)
59.98	-30.26	5	38.88	7.440%	2.894	Achterberg et al. (2018)
57.6	-16.82	4	10.57	2.100%	0.222	Achterberg et al. (2018)
44.72	-42.41	5	NaN	NaN	8.386	unknown
47	-39.65	5	NaN	NaN	7.726	unknown
59.62	-38.72	5	NaN	NaN	4.609	unknown
57.3	-41.59	5	NaN	NaN	4.074	unknown

63.17	-28.95	5	NaN	NaN	3.636	unknown
32.87	-60.33	5	NaN	NaN	3.541	unknown
38.27	-49.77	5	NaN	NaN	3.120	unknown
32.42	-62.94	5	NaN	NaN	2.303	unknown
60.75	-13.41	4	NaN	NaN	2.299	unknown
63.56	-33.97	5	NaN	NaN	2.283	unknown
33.69	-57.37	5	NaN	NaN	2.141	unknown
35.02	-54.76	5	NaN	NaN	1.760	unknown
52.72	-42.48	5	NaN	NaN	1.703	unknown
48.23	-40.06	5	NaN	NaN	1.685	unknown
53.26	-45.91	5	NaN	NaN	1.458	unknown
55.03	-44.66	5	NaN	NaN	1.283	unknown
36.44	-52.78	5	NaN	NaN	0.974	unknown
37.25	-51.37	5	NaN	NaN	0.948	unknown
54.63	-45.1	5	NaN	NaN	0.815	unknown
61.98	-36.35	5	NaN	NaN	0.799	unknown
12.17	-52.65	6	NaN	NaN	8.818	unknown
7.37	-48.33	6	NaN	NaN	7.598	unknown
27.17	-67.66	6	NaN	NaN	5.928	unknown
28.76	-67.08	6	NaN	NaN	4.395	unknown
13.75	-53.89	6	NaN	NaN	4.181	unknown
17.19	-56.54	6	NaN	NaN	3.732	unknown
10.1	-50.94	6	NaN	NaN	3.441	unknown
30.38	-65.61	6	NaN	NaN	3.299	unknown
15.41	-55.18	6	NaN	NaN	3.239	unknown
1.82	-40.66	7	NaN	NaN	3.122	unknown
22.81	-64.57	6	NaN	NaN	3.029	unknown
8.41	-49.46	6	NaN	NaN	2.818	unknown

19.5	-58.56	6	NaN	NaN	2.512	unknown
25.48	-67.44	6	NaN	NaN	2.175	unknown
18.24	-57.35	6	NaN	NaN	1.840	unknown
-0.34	-39.22	7	NaN	NaN	1.485	unknown
23.99	-66.31	6	NaN	NaN	1.087	unknown
22.06	-62.71	6	NaN	NaN	0.787	unknown
3.23	-42.69	7	NaN	NaN	0.560	unknown
6.3	-46.87	6	NaN	NaN	0.247	unknown
4.8	-44.85	7	NaN	NaN	0.207	unknown
21.1	-60.67	6	NaN	NaN	0.181	unknown
18	-21.6	2	7635.81	0.400%	30.352	Powell et al. (2015)
17.55	-23.65	2	6850.04	0.720%	49.122	Powell et al. (2015)
18.25	-17	2	6697.10	0.710%	47.793	Powell et al. (2015)
18.95	-17.25	2	3991.23	1.060%	42.157	Powell et al. (2015)
18	-18.25	2	3631.01	1.590%	57.840	Powell et al. (2015)
18	-19.85	2	3558.12	0.560%	19.840	Powell et al. (2015)
19.55	-17.3	2	3312.76	1.380%	45.682	Powell et al. (2015)
18.65	-17.25	2	2780.04	1.090%	30.174	Powell et al. (2015)
20.4	-17.7	2	841.13	1.000%	8.440	Powell et al. (2015)
22.05	-17.3	2	73.22	3.730%	2.729	Powell et al. (2015)
24.4	-16.7	2	34.03	3.300%	1.121	Powell et al. (2015)
19	-16.57	6	NaN	NaN	101.654	Powell et al. (2015)
18.8	-16.54	6	NaN	NaN	58.979	Powell et al. (2015)
17.31	-23.24	6	NaN	NaN	18.484	Powell et al. (2015)
38.02	-10.29	6	NaN	NaN	11.184	Powell et al. (2015)
17.84	-21.29	6	NaN	NaN	8.971	Powell et al. (2015)
18	-18.44	6	NaN	NaN	7.020	Powell et al. (2015)
18.25	-17.25	6	NaN	NaN	6.872	Powell et al. (2015)

18.54	-16.5	6	NaN	NaN	6.703	Powell et al. (2015)
18	-19.96	6	NaN	NaN	4.384	Powell et al. (2015)
35.11	-11.57	6	NaN	NaN	4.297	Powell et al. (2015)
20.19	-17.61	6	NaN	NaN	4.084	Powell et al. (2015)
30.11	-14.61	6	NaN	NaN	2.910	Powell et al. (2015)
25.07	-17.19	6	NaN	NaN	1.437	Powell et al. (2015)
32.37	-12.99	6	NaN	NaN	1.414	Powell et al. (2015)
22.01	-17.81	6	NaN	NaN	1.278	Powell et al. (2015)
27.1	-16.26	6	NaN	NaN	1.057	Powell et al. (2015)
30.98	-20.73	10	2840.14	1.520%	43.264	Powell et al. (2015)
30.84	-20	10	705.93	1.620%	11.430	Powell et al. (2015)
33.5	-22.65	10	302.72	4.190%	12.682	Powell et al. (2015)
25	-22.53	10	4.52	14.410%	0.651	Powell et al. (2015)
31.69	-21	10	10.94	7.190%	0.786	Powell et al. (2015)
31.66	-23	10	17.69	2.530%	0.448	Powell et al. (2015)
25	-20.08	10	11.48	4.650%	0.534	Powell et al. (2015)
26.08	-19.43	10	6.69	7.450%	0.499	Powell et al. (2015)
28.31	-23.88	10	18.47	3.640%	0.673	Powell et al. (2015)
27.85	-18.25	10	6.42	7.380%	0.474	Powell et al. (2015)
26.68	-22.2	10	2.62	15.040%	0.395	Powell et al. (2015)
31.04	-17.26	10	0.88	9.220%	0.082	Powell et al. (2015)
16.63	-22.04	2	2279.42	0.690%	15.673	Sholkovitz et al. (2012)
15.22	-25.33	2	2148.70	0.560%	12.039	Sholkovitz et al. (2012)
16.29	-25.19	2	1362.56	0.710%	9.719	Sholkovitz et al. (2012)
17.17	-23.52	2	664.23	0.900%	6.004	Sholkovitz et al. (2012)
12.54	-25.91	2	246.14	13.720%	33.782	Sholkovitz et al. (2012)
13.91	-25.66	2	233.21	9.950%	23.193	Sholkovitz et al. (2012)
16.92	-21.95	2	501.18	0.530%	2.640	Sholkovitz et al. (2012)

13.44	-26.8	2	78.77	5.290%	4.167	Sholkovitz et al. (2012)
19.32	-28.87	1	86.29	1.780%	1.540	Sholkovitz et al. (2012)
19.3	-26	2	18.01	3.510%	0.633	Sholkovitz et al. (2012)
21.49	-28.21	1	21.82	7.820%	1.706	Sholkovitz et al. (2012)
16.93	-23.37	2	6.86	7.260%	0.498	Sholkovitz et al. (2012)
15.94	-24.8	2	15.58	8.880%	1.384	Sholkovitz et al. (2012)
28.17	-27.61	2	15.35	3.010%	0.462	Sholkovitz et al. (2012)
19.14	-23.59	2	64.16	3.720%	2.388	Sholkovitz et al. (2012)
24.68	-27.6	2	5.87	7.250%	0.426	Sholkovitz et al. (2012)
21.49	-27.6	2	79.91	0.860%	0.690	Sholkovitz et al. (2012)
18.31	-23.73	2	121.91	1.610%	1.961	Sholkovitz et al. (2012)
15.83	-25.16	2	35.74	5.860%	2.095	Sholkovitz et al. (2012)
29.09	-19.44	2	1.66	31.630%	0.524	Sholkovitz et al. (2012)
16.27	-27.97	2	1.73		2.684	Sholkovitz et al. (2012)
22.85	-25.38	1	1.93		3.771	Sholkovitz et al. (2012)
29.82	-26.01	2	1.93	31.640%	0.610	Sholkovitz et al. (2012)
-58.6	-58.78	4	78.80	4.500%	3.544	Sholkovitz et al. (2012)
-41.15	9.84	2	136.13	6.390%	8.697	Sholkovitz et al. (2012)
-68.22	-4.35	2	25.51	2.370%	0.605	Sholkovitz et al. (2012)
-68.59	-13.27	3	32.73	3.640%	1.193	Sholkovitz et al. (2012)
-64.33	-0.24	2	15.09	7.170%	1.082	Sholkovitz et al. (2012)
-61.02	0.02	2	16.99	7.960%	1.353	Sholkovitz et al. (2012)
-67.46	0.06	3	11.28	2.020%	0.228	Sholkovitz et al. (2012)
-61.8	-53.82	3	5.53		6.123	Sholkovitz et al. (2012)
-56.76	0.03	2	11.98	11.730%	1.406	Sholkovitz et al. (2012)
-67.37	-23.54	3	14.87	3.080%	0.458	Sholkovitz et al. (2012)
-53.01	0.02	2	9.19	20.060%	1.843	Sholkovitz et al. (2012)
-65.85	-33.87	3	1.48	43.320%	0.641	Sholkovitz et al. (2012)

-64.7	-43.56	3	2.60	22.600%	0.586	Sholkovitz et al. (2012)
-63.61	-50.98	3	2.90	8.660%	0.251	Sholkovitz et al. (2012)
-59.91	-55.73	4	3.73	9.300%	0.347	Sholkovitz et al. (2012)
-68.94	-3.5	3	7.18	4.070%	0.292	Sholkovitz et al. (2012)
-45.37	6.37	2	7.38	3.690%	0.273	Sholkovitz et al. (2012)
-49.4	2.31	2	7.49	4.020%	0.301	Sholkovitz et al. (2012)
-56.88	-62.3	4	8.38	4.440%	0.372	Sholkovitz et al. (2012)
-55.63	-64.62	4	10.32	13.740%	1.418	Sholkovitz et al. (2012)
-50.63	72.08	1	4.10	NaN	NaN	Wagener, et al. (2008)
-51.4	76.49	1	43.00	NaN	NaN	Wagener, et al. (2008)
-50.9	73.53	1	4.50	NaN	NaN	Wagener, et al. (2008)
-52.11	72.17	2	2.70	NaN	NaN	Wagener, et al. (2008)
-51.18	70.12	2	17.00	NaN	NaN	Wagener, et al. (2008)
-49.24	65.85	2	11.00	NaN	NaN	Wagener, et al. (2008)
-12.77	214.06	10	0.15	9.550%	0.010	Wagener (2008)
-9.62	220.5	10	0.31	11.190%	0.040	Wagener (2008)
-17.68	234.63	11	1.95	2.040%	0.040	Wagener (2008)
-26.6	248.28	11	1.88	0.840%	0.010	Wagener (2008)
-29.58	259.76	11	0.29	2.310%	0.010	Wagener (2008)
-32.81	276.98	11	0.16	NaN	NaN	Wagener (2008)
-35.21	286.85	12	13.00	5.460%	0.710	Wagener (2008)
43.68	7.33	10	210.35	2.250%	4.740	Wagener (2008)
43.68	7.33	11	69.49	2.800%	1.950	Wagener (2008)
43.68	7.33	12	105.60	3.110%	3.280	Wagener (2008)
43.68	7.33	2	87.59	3.110%	2.720	Wagener (2008)
43.68	7.33	3	68.94	9.870%	6.810	Wagener (2008)
43.68	7.33	4	103.90	4.430%	4.600	Wagener (2008)

43.68	7.33	6	296.12	0.510%	1.470	Wagener (2008)
43.68	7.33	8	425.40	6.630%	28.200	Wagener (2008)
43.68	7.33	8	509.00	0.600%	3.054	Guieu et al. (2005)
43.68	7.33	8	323.00	1.160%	3.747	Guieu et al. (2005)
43.68	7.33	8	384.00	1.190%	4.570	Guieu et al. (2005)
43.68	7.33	8	303.00	2.020%	6.121	Guieu et al. (2005)
43.68	7.33	8	349.00	1.920%	6.701	Guieu et al. (2005)
43.68	7.33	9	460.00	0.920%	4.232	Guieu et al. (2005)
43.68	7.33	9	282.00	1.100%	3.102	Guieu et al. (2005)
43.68	7.33	9	209.00	1.360%	2.842	Guieu et al. (2005)
43.68	7.33	9	358.00	1.590%	5.692	Guieu et al. (2005)
43.68	7.33	9	259.00	0.630%	1.632	Guieu et al. (2005)
-20.87	165.56	2	76.73	NaN	NaN	Guieu et al., in review 2018
-19.21	164.69	2	2.29	NaN	NaN	Guieu et al., in review 2018
-19.61	166.35	3	0.73	NaN	NaN	Guieu et al., in review 2018
-20.7	170.05	3	3.57	1.880%	0.067	Guieu et al., in review 2018
-19.09	191.25	3	9.04	1.670%	0.151	Guieu et al., in review 2018
-18.2	198.2	3	NaN	NaN	0.112	Guieu et al., in review 2018
-18.3	196.15	3	4.74	47.290%	2.243	Guieu et al., in review 2018
-18.4	194.1	3	NaN	NaN	0.039	Guieu et al., in review 2018
-18.34	197.05	3	109.37	0.530%	0.580	Guieu et al., in review 2018
34.79	23.755	6	61	NaN	NaN	Ternon et al., 2011
33.655	31.39	6	90	NaN	NaN	Ternon et al., 2012
33.67	32.465	6	102	NaN	NaN	Ternon et al., 2013
33.845	25.2	7	115	NaN	NaN	Ternon et al., 2014
33.97	18.315	7	179	NaN	NaN	Ternon et al., 2015
35.355	15.405	7	173	NaN	NaN	Ternon et al., 2016

36.53	8.805	7	120	NaN	NaN	Ternon et al., 2017
38.23	5.215	7	40	NaN	NaN	Ternon et al., 2018
41.715	5.23	7	78	NaN	NaN	Ternon et al., 2019
36.24	3.025	9	140	NaN	NaN	Guieu et al., 2002
37.2	2.34	9	440	NaN	NaN	Guieu et al., 2002
37.99	6.17	9	240	NaN	NaN	Guieu et al., 2002
37.22	10.905	9	140	NaN	NaN	Guieu et al., 2002
35.76	15.8	9	210	NaN	NaN	Guieu et al., 2002
36.22	16.955	9	130	NaN	NaN	Guieu et al., 2002
38.24	15.145	9	1070	NaN	NaN	Guieu et al., 2002
40.49	12.555	9	350	NaN	NaN	Guieu et al., 2002
34.79	23.755	6	61	NaN	NaN	Ternon et al., 2011

References

- Achterberg, E. P., Steigenberger, S., Marsay, C. M., Lemoigne, F. A. C., Painter, S. C., Baker, A. R., Connelly, D. P., Moore, C. M., Tagliabue, A. and Tanhua, T.: Iron Biogeochemistry in the High Latitude North Atlantic Ocean, *Sci. Rep.*, 8(1), doi:10.1038/s41598-018-19472-1, 2018.
- Albani, S., Mahowald, N. M., Perry, A. T., Scanza, R. A., Zender, C. S., Heavens, N. G., Maggi, V., Kok, J. F. and Otto-Btiesner, B. L.: Improved dust representation in the Community Atmosphere Model, *J. Adv. Model. Earth Syst.*, 6(3), 541–570, doi:10.1002/2013MS000279, 2014.
- Baker, A. R. and Jickells, T. D.: Atmospheric deposition of soluble trace elements along the Atlantic Meridional Transect (AMT), *Prog. Oceanogr.*, 158, 41–51, doi:10.1016/j.pocean.2016.10.002, 2017.
- Baker, A. R., French, M. and Linge, K. L.: Trends in aerosol nutrient solubility along a west–east transect of the Saharan dust plume, *Geophys. Res. Lett.*, 33(7), L07805, doi:10.1029/2005GL024764, 2006a.
- Baker, A. R., Jickells, T. D., Witt, M. and Linge, K. L.: Trends in the solubility of iron, aluminium, manganese and phosphorus in aerosol collected over the Atlantic Ocean, *Mar. Chem.*, 98(1), 43–58, doi:10.1016/j.marchem.2005.06.004, 2006b.
- Baker, A. R., Weston, K., Kelly, S. D., Voss, M., Streu, P. and Cape, J. N.: Dry and wet deposition of nutrients from the tropical Atlantic atmosphere: Links to primary productivity and nitrogen fixation, *Deep Sea Res. Part I Oceanogr. Res. Pap.*, 54(10), 1704–1720, doi:10.1016/j.dsr.2007.07.001, 2007.
- Baker, A. R., Adams, C., Bell, T. G., Jickells, T. D. and Ganzeveld, L.: Estimation of atmospheric nutrient inputs to the Atlantic Ocean from 50°N to 50°S based on large-scale field sampling: Iron and other dust-associated elements, *Global Biogeochem. Cycles*, 27(3), 755–767, doi:10.1002/gbc.20062, 2013.
- Bowie, A. R., Lannuzel, D., Remenyi, T. A., Wagener, T., Lam, P. J., Boyd, P. W., Guieu, C., Townsend, A. T. and Trull, T. W.: Biogeochemical iron budgets of the Southern Ocean south of Australia: Decoupling of iron and nutrient cycles in the subantarctic zone by the summertime supply, *Global Biogeochem. Cycles*, 23(4), GB4034, doi:10.1029/2009GB003500, 2009.
- Buck, C. S., Landing, W. M., Resing, J. A. and Lebon, G. T.: Aerosol iron and aluminum solubility in the northwest Pacific Ocean: Results from the 2002 IOC cruise, *Geochemistry, Geophys. Geosystems*, 7(4), 1–21, doi:10.1029/2005GC000977, 2006.
- Buck, C. S., Landing, W. M., Resing, J. A. and Measures, C. I.: The solubility and deposition of aerosol Fe and other trace elements in the North Atlantic Ocean: Observations from the A16N CLIVAR/CO₂ repeat hydrography section, *Mar. Chem.*, 120(1–4), 57–70, doi:10.1016/j.marchem.2008.08.003, 2010.
- Buck, C. S., Landing, W. M. and Resing, J.: Pacific Ocean aerosols: Deposition and solubility of iron, aluminum, and other trace elements, *Mar. Chem.*, 157(2013), 117–130, doi:10.1016/j.marchem.2013.09.005, 2013.
- Buck, C. S., Aguilar-Islasr, A. N. A., Marsay, C., Kadko, D. & Landing, W. Trace element concentrations, elemental ratios,

and enrichment factors observed in aerosol samples collected during the US GEOTRACES eastern Pacific Ocean transect (GP16). *Chem. Geol.* in review, (2018).

Chance, R., Jickells, T. D. and Baker, A. R.: Atmospheric trace metal concentrations, solubility and deposition fluxes in remote marine air over the south-east Atlantic, *Mar. Chem.*, 177, 1–12, doi:10.1016/j.marchem.2015.06.028, 2015.

Gao, Y., Xu, G., Zhan, J., Zhang, J., Li, W., Lin, Q., Chen, L. and Lin, H.: Spatial and particle size distributions of atmospheric dissolvable iron in aerosols and its input to the Southern Ocean and coastal East Antarctica, *J. Geophys. Res. Atmos.*, 118(22), 12,634–12,648, doi:10.1002/2013JD020367, 2013.

Guieu, C. C., Bonnet, S., Wagener, T., Lo?e-Pilot, M.-D. and Loÿe-Pilot, M. D.: Biomass burning as a source of dissolved iron to the open ocean?, *Geophys. Res. Lett.*, 32(19), L19608, doi:10.1029/2005GL022962, 2005.

Ito, A.: Global modeling study of potentially bioavailable iron input from shipboard aerosol sources to the ocean, *Global Biogeochem. Cycles*, 27(1), 1–10, doi:10.1029/2012GB004378, 2013.

Ito, A.: Atmospheric Processing of Combustion Aerosols as a Source of Bioavailable Iron, *Environ. Sci. Technol. Lett.*, 2(3), 70–75, doi:10.1021/acs.estlett.5b00007, 2015.

Ito, A. and Shi, Z.: Delivery of anthropogenic bioavailable iron from mineral dust and combustion aerosols to the ocean, *Atmos. Chem. Phys.*, 16(1), 85–99, doi:10.5194/acp-16-85-2016, 2016.

Ito, A. and Xu, L.: Response of acid mobilization of iron-containing mineral dust to improvement of air quality projected in the future, *Atmos. Chem. Phys.*, 14(7), 3441–3459, doi:10.5194/acp-14-3441-2014, 2014.

Jickells, T. D., Baker, A. R. and Chance, R.: Atmospheric transport of trace elements and nutrients to the oceans, *Philos. Trans. R. Soc. A Math. Phys. Eng. Sci.*, 374(2081), 20150286, doi:10.1098/rsta.2015.0286, 2016.

Kok, J. F., Ridley, D. A., Zhou, Q., Miller, R. L., Zhao, C., Heald, C. L., Ward, D. S., Albani, S. and Haustein, K.: Smaller desert dust cooling effect estimated from analysis of dust size and abundance, *Nat. Geosci.*, 10(4), 274–278, doi:10.1038/ngeo2912, 2017.

Kumar, A., Sarin, M. M. and Srinivas, B.: Aerosol iron solubility over Bay of Bengal: Role of anthropogenic sources and chemical processing, *Mar. Chem.*, 121(1–4), 167–175, doi:10.1016/j.marchem.2010.04.005, 2010.

Longo, A. F., Feng, Y., Lai, B., Landing, W. M., Shelley, R. U., Nenes, A., Mihalopoulos, N., Violaki, K. and Ingall, E. D.: Influence of Atmospheric Processes on the Solubility and Composition of Iron in Saharan Dust, *Environ. Sci. Technol.*, 50(13), 6912–6920, doi:10.1021/acs.est.6b02605, 2016.

Luo, C., Mahowald, N., Bond, T., Chuang, P. Y., Artaxo, P., Siefert, R., Chen, Y. and Schauer, J.: Combustion iron distribution and deposition, *Global Biogeochem. Cycles*, 22(1), GB1012, doi:10.1029/2007GB002964, 2008.

Powell, C. F., Baker, A. R., Jickells, T. D., Bange, H. W., Chance, R. J. and Yodle, C.: Estimation of the Atmospheric Flux of Nutrients and Trace Metals to the Eastern Tropical North Atlantic Ocean, *J. Atmos. Sci.*, 72(10), 4029–4045, doi:10.1175/JAS-D-15-0011.1, 2015.

Shelley, R. U., Morton, P. L. and Landing, W. M.: Elemental ratios and enrichment factors in aerosols from the US-GEOTRACES North Atlantic transects, *Deep Sea Res. Part II Top. Stud. Oceanogr.*, 116, 262–272,

doi:10.1016/j.dsr2.2014.12.005, 2015.

Shi, Z., Krom, M. D., Jickells, T. D., Bonneville, S., Carslaw, K. S., Mihalopoulos, N., Baker, A. R. and Benning, L. G.: Impacts on iron solubility in the mineral dust by processes in the source region and the atmosphere: A review, *Aeolian Res.*, 5, 21–42, doi:10.1016/j.aeolia.2012.03.001, 2012.

Sholkovitz, E. R., Sedwick, P. N., Church, T. M., Baker, A. R. and Powell, C. F.: Fractional solubility of aerosol iron: Synthesis of a global-scale data set, *Geochim. Cosmochim. Acta*, 89, 173–189, doi:10.1016/j.gca.2012.04.022, 2012.

Srinivas, B. and Sarin, M. M.: Atmospheric deposition of N, P and Fe to the Northern Indian Ocean: Implications to C- and N-fixation, *Sci. Total Environ.*, 456–457, 104–114, doi:10.1016/j.scitotenv.2013.03.068, 2013.

Srinivas, B., Sarin, M. M. and Kumar, A.: Impact of anthropogenic sources on aerosol iron solubility over the Bay of Bengal and the Arabian Sea, *Biogeochemistry*, 110(1–3), 257–268, doi:10.1007/s10533-011-9680-1, 2012.

Wagener, T.: Le fer à l'interface océan-atmosphère: Flux et processus de dissolution dans l'eau de mer, Université de la Méditerranée. [online] Available from: <https://tel.archives-ouvertes.fr/tel-00270558>, 2008.

Wagener, T., Guieu, C., Losno, R., Bonnet, S. and Mahowald, N.: Revisiting atmospheric dust export to the Southern Hemisphere ocean: Biogeochemical implications, *Global Biogeochem. Cycles*, 22(2), GB2006, doi:10.1029/2007GB002984, 2008.