

Appendix C Results from analyses related to regression to the mean

Table C1 Proportions of children falling below/rising above their starting z-scores (time1) after 1- or 2-month periods (time2)

1-month interval	Starting at $-2.5 \leq z \leq -1.5$			Starting at $1.5 \leq z \leq 2.5$		
Age (months)	n	prop^a	mean^b	n	prop^a	mean^b
0-1	42	0.21	0.29	64	0.27	-0.32
1-2	47	0.30	0.17	52	0.42	-0.08
2-3	48	0.48	0.07	48	0.48	-0.03
3-4	50	0.52	0.01	49	0.39	-0.03
4-5	50	0.32	0.10	51	0.39	-0.01
5-6	51	0.45	0.05	42	0.38	-0.05
6-7	56	0.52	-0.02	44	0.45	0.00
7-8	56	0.43	0.05	44	0.55	0.00
8-9	52	0.33	0.07	45	0.40	-0.05
9-10	53	0.34	0.06	50	0.40	-0.05
10-11	48	0.35	0.06	57	0.37	-0.05
11-12	56	0.38	0.06	50	0.44	-0.03
2-month interval	Starting at $-2.5 \leq z \leq -1.5$			Starting at $1.5 \leq z \leq 2.5$		
Age (months)	n	prop^a	mean^b	n	prop^a	mean^b
0-2	40	0.13	0.57	65	0.20	-0.62
1-3	48	0.31	0.27	47	0.45	-0.22
2-4	48	0.46	0.16	51	0.33	-0.10
3-5	49	0.45	0.08	47	0.36	-0.03
4-6	52	0.38	0.13	48	0.33	-0.11
5-7	49	0.43	0.08	42	0.40	-0.07
6-8	55	0.44	0.02	45	0.47	-0.05
7-9	57	0.28	0.14	44	0.45	-0.03
8-10	53	0.28	0.12	45	0.31	-0.12
9-11	53	0.47	0.08	51	0.33	-0.09
10-12	47	0.32	0.09	54	0.35	-0.05
12-14	52	0.40	0.07	53	0.30	-0.06
14-16	61	0.36	0.09	54	0.35	-0.08
16-18	57	0.33	0.09	50	0.54	0.00
18-20	50	0.32	0.07	45	0.33	-0.08
20-22	59	0.46	0.00	51	0.41	-0.05
22-24	68	0.50	-0.01	50	0.30	-0.10

^a Proportion of children who drift farther away from the mean

^b Average change in z-scores (time2 -time1)

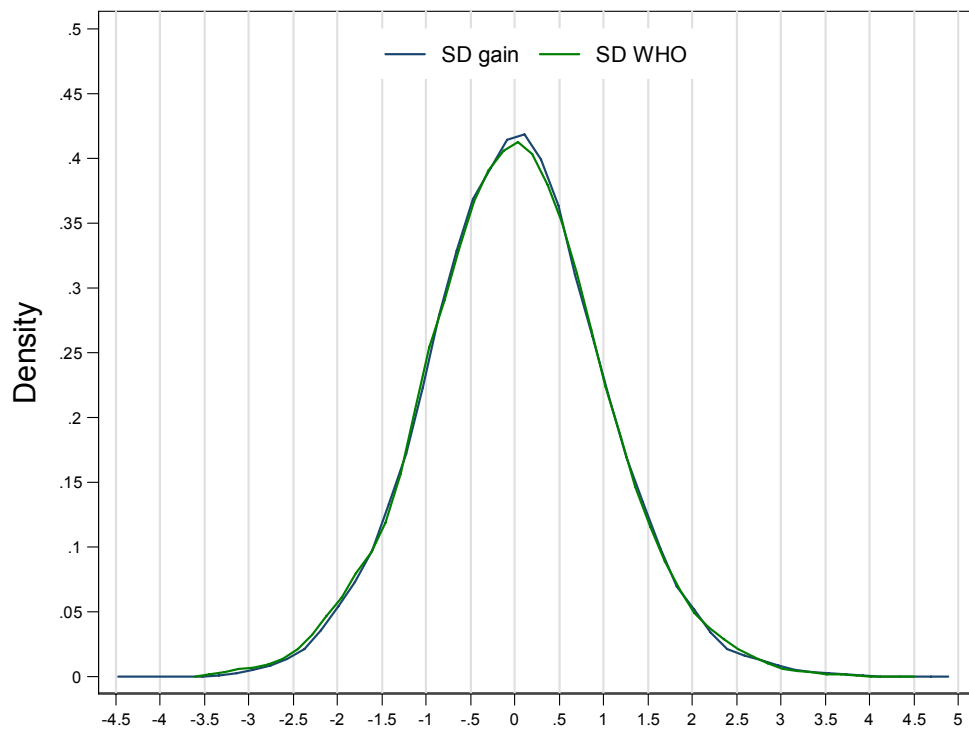


Figure C1 Comparison between 1-month WHO weight increment z-scores and SD_{gain}

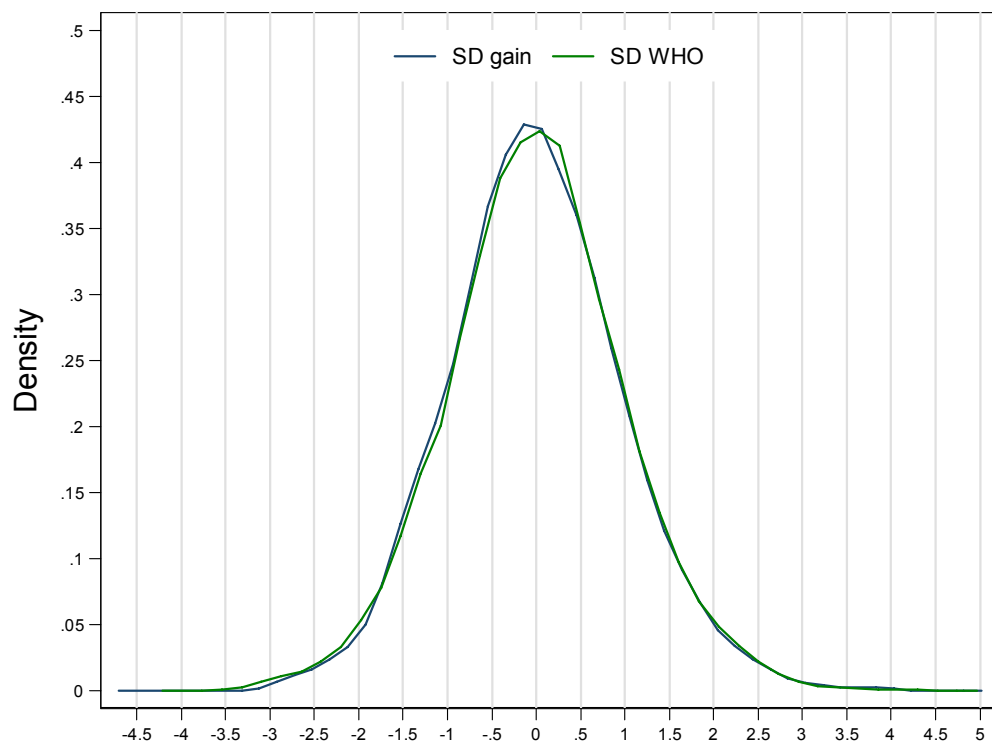


Figure C2 Comparison between 2-month WHO weight increment z-scores and SD_{gain}

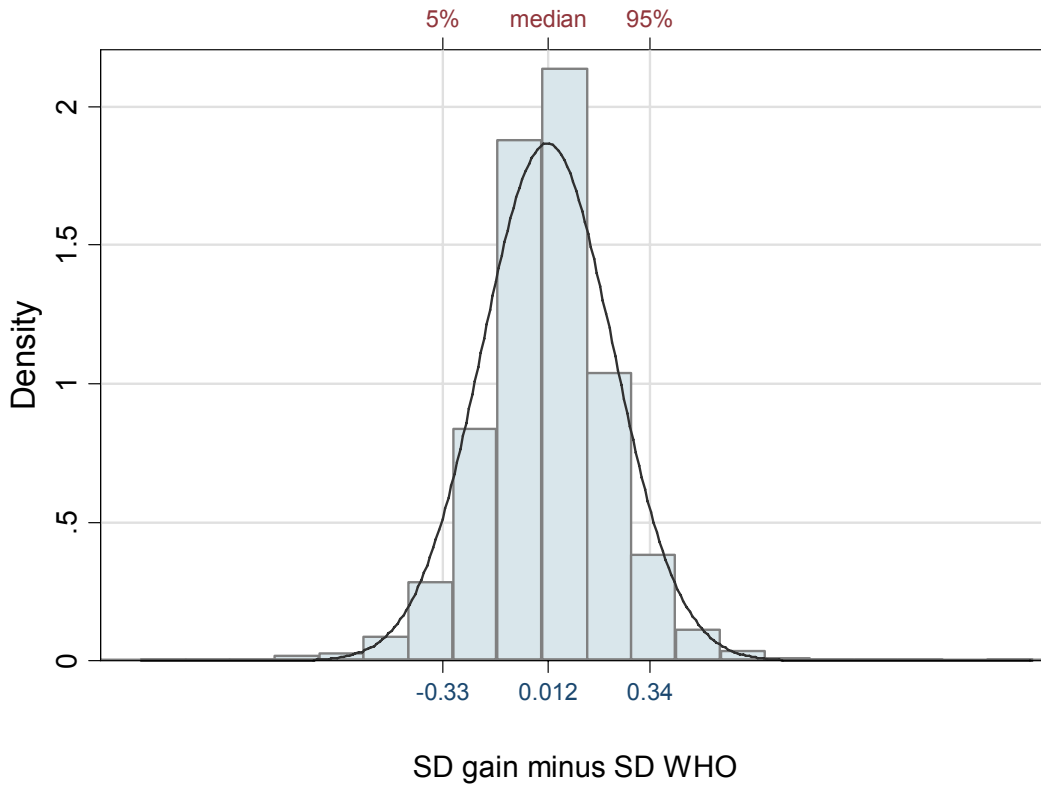


Figure C3 Differences between 1-month WHO weight increment z-scores and SD_{gain}

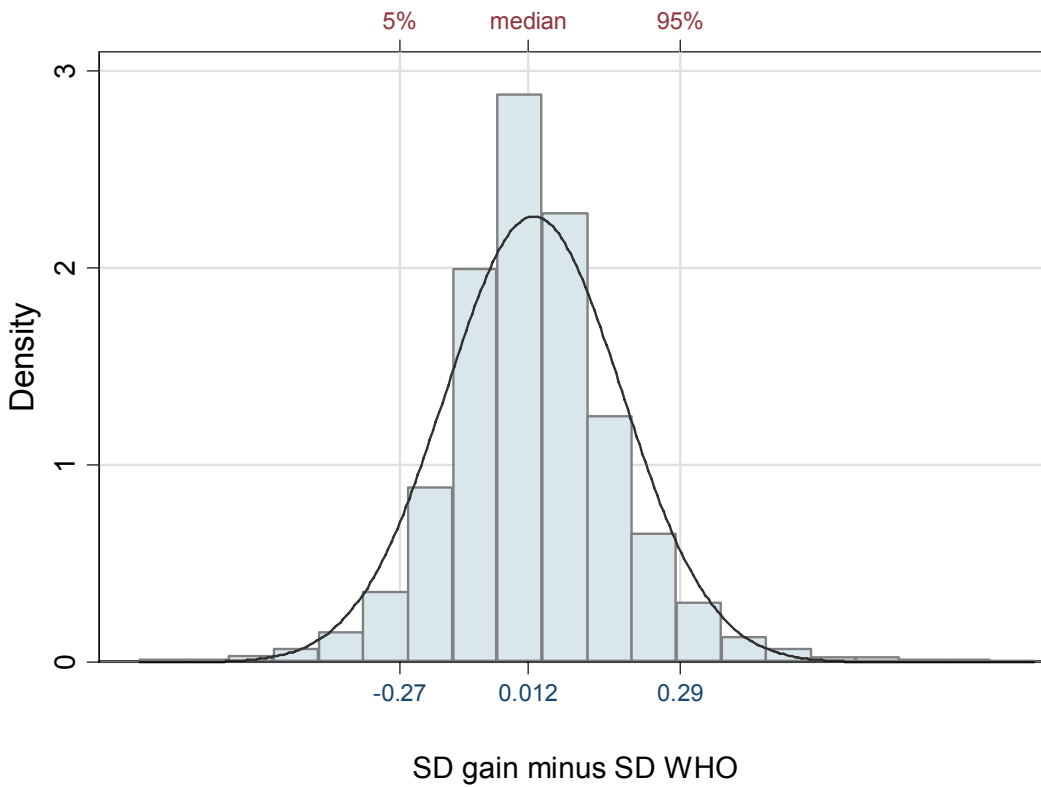


Figure C4 Differences between 2-month WHO weight increment z-scores and SD_{gain}