

Table S1 Mean and overall standard deviation (i.e. including ‘true’ differences between fetuses and measurement error) of log-transformed estimated fetal weight (EFW) and 5th, 50th and 95th percentiles (P5, P50 and P95) of EFW derived from the fitted statistical models in dichorionic diamniotic (DCDA) and monochorionic diamniotic (MCDA) twin pregnancies

GA	DCDA					MCDA				
	Log ₁₀ (EFW)		EFW (g)			Log ₁₀ (EFW)		EFW (g)		
	Mean	SD	P5	P50	P95	Mean	SD	P5	P50	P95
14	1.958	0.046	76	91	108	1.940	0.054	71	87	107
15	2.058	0.045	97	114	136	2.040	0.052	90	110	134
16	2.155	0.044	121	143	169	2.137	0.051	113	137	166
17	2.249	0.044	150	177	209	2.231	0.050	141	170	206
18	2.339	0.043	185	218	258	2.321	0.050	173	209	253
19	2.426	0.044	226	267	315	2.408	0.050	212	256	309
20	2.510	0.044	274	324	382	2.492	0.050	256	310	376
21	2.591	0.044	329	390	461	2.572	0.051	308	374	453
22	2.668	0.045	393	466	552	2.650	0.052	367	446	543
23	2.742	0.046	464	552	656	2.723	0.052	434	529	645
24	2.813	0.046	545	649	774	2.794	0.053	509	622	761
25	2.880	0.047	635	758	906	2.861	0.054	593	727	891
26	2.944	0.048	733	879	1053	2.925	0.055	685	842	1036
27	3.005	0.048	841	1011	1214	2.986	0.056	785	968	1195
28	3.062	0.049	958	1154	1390	3.043	0.056	893	1105	1368
29	3.116	0.050	1081	1307	1579	3.098	0.057	1008	1252	1555
30	3.167	0.051	1212	1469	1780	3.148	0.058	1128	1407	1755
31	3.215	0.052	1347	1639	1994	3.196	0.060	1252	1569	1967
32	3.259	0.053	1487	1815	2216	3.240	0.061	1379	1738	2189
33	3.300	0.054	1626	1995	2446	3.281	0.063	1505	1909	2421
34	3.338	0.055	1765	2175	2681	3.318	0.065	1629	2082	2659
35	3.372	0.057	1899	2354	2919	3.353	0.067	1748	2252	2903
36	3.403	0.059	2026	2529	3157	3.384	0.070	1857	2419	3152
37	3.431	0.061	2144	2696	3391	3.411	0.073	1954	2578	3401
38	3.455	0.063	2247	2853	3621	3.436	0.077	2037	2727	3650

Table S2 50th, 90th, 95th and 99th percentiles (P50, P90, P95 and P99) of intertwin differences in estimated fetal weight (EFW) and abdominal circumference (AC) in dichorionic diamniotic twin pregnancies between 14 and 33 weeks. The values are derived from the fitted statistical models and include the estimated ‘true’ differences between fetuses and measurement error. Percentage differences are given relative to the value for the larger twin. The values calculated do not appear to match those observed in practice beyond 33 weeks.

GA	% difference in EFW				% difference in AC				Absolute difference in AC (mm)			
	P50	P90	P95	P99	P50	P90	P95	P99	P50	P90	P95	P99
14	6.9	16.0	18.8	24.0	5.8	13.7	16.1	20.7	4.6	11.2	13.4	17.6
15	6.7	15.6	18.3	23.4	5.0	11.7	13.9	18.0	4.6	11.1	13.2	17.4
16	6.6	15.4	18.0	23.0	4.5	10.6	12.5	16.2	4.6	11.3	13.5	17.8
17	6.6	15.2	17.9	22.9	4.2	9.9	11.7	15.1	4.8	11.8	14.1	18.5
18	6.6	15.3	17.9	22.9	4.0	9.5	11.2	14.5	5.1	12.5	14.8	19.5
19	6.6	15.4	18.1	23.1	3.9	9.2	10.9	14.1	5.4	13.2	15.8	20.8
20	6.7	15.6	18.3	23.3	3.8	9.1	10.7	13.9	5.8	14.1	16.8	22.1
21	6.8	15.8	18.5	23.6	3.8	9.0	10.6	13.8	6.1	15.0	17.9	23.5
22	6.9	16.1	18.8	24.0	3.8	8.9	10.6	13.7	6.5	15.9	19.0	24.9
23	7.1	16.4	19.2	24.4	3.7	8.9	10.5	13.7	6.9	16.8	20.1	26.4
24	7.2	16.7	19.5	24.9	3.8	8.9	10.6	13.7	7.3	17.8	21.2	27.9
25	7.3	17.0	19.9	25.3	3.8	9.0	10.6	13.7	7.7	18.8	22.4	29.4
26	7.5	17.3	20.3	25.8	3.8	9.0	10.6	13.8	8.1	19.8	23.6	31.0
27	7.6	17.6	20.6	26.2	3.8	9.0	10.7	13.9	8.5	20.8	24.8	32.6
28	7.8	17.9	21.0	26.7	3.8	9.1	10.8	14.0	9.0	21.9	26.1	34.3
29	7.9	18.3	21.4	27.2	3.9	9.2	10.9	14.1	9.4	23.0	27.4	36.1
30	8.1	18.7	21.9	27.7	3.9	9.4	11.1	14.3	9.9	24.2	28.9	38.0
31	8.3	19.1	22.3	28.3	4.0	9.5	11.3	14.6	10.4	25.5	30.4	40.0
32	8.5	19.5	22.8	28.9	4.1	9.7	11.5	14.9	11.0	26.9	32.0	42.2
33	8.8	20.1	23.4	29.6	4.2	10.0	11.8	15.2	11.6	28.4	33.8	44.5

Table S3 50th, 90th, 95th and 99th percentiles (P50, P90, P95 and P99) of intertwin differences in estimated fetal weight (EFW) and abdominal circumference (AC) in monochorionic diamniotic twin pregnancies between 14 and 30 weeks. The values are derived from the fitted statistical models and include the estimated ‘true’ differences between fetuses and measurement error. Percentage differences are given relative to the value for the larger twin. The values calculated do not appear to match those observed in practice beyond 30 weeks.

GA	% difference in EFW				% difference in AC				Absolute difference in AC (mm)			
	P50	P90	P95	P99	P50	P90	P95	P99	P50	P90	P95	P99
14	8.9	20.3	23.7	30.0	7.7	18.0	21.1	27.1	6.1	15.0	17.9	23.5
15	8.6	19.7	23.0	29.1	6.6	15.3	18.0	23.2	6.0	14.6	17.4	23.0
16	8.4	19.3	22.5	28.5	5.8	13.5	16.0	20.6	6.0	14.6	17.4	22.9
17	8.3	19.0	22.2	28.1	5.2	12.4	14.6	18.8	6.1	14.8	17.6	23.2
18	8.2	18.9	22.1	28.0	4.9	11.6	13.6	17.6	6.2	15.2	18.1	23.8
19	8.2	18.9	22.1	28.0	4.6	11.0	13.0	16.8	6.5	15.7	18.8	24.7
20	8.3	19.0	22.2	28.1	4.5	10.6	12.5	16.2	6.7	16.4	19.6	25.7
21	8.3	19.2	22.4	28.4	4.3	10.3	12.2	15.8	7.0	17.2	20.5	26.9
22	8.4	19.4	22.6	28.7	4.3	10.1	12.0	15.4	7.4	18.0	21.4	28.2
23	8.6	19.6	22.9	29.0	4.2	10.0	11.8	15.3	7.7	18.8	22.4	29.5
24	8.7	19.9	23.2	29.4	4.2	9.8	11.6	15.1	8.1	19.7	23.5	30.9
25	8.8	20.2	23.6	29.8	4.1	9.8	11.5	15.0	8.5	20.7	24.7	32.5
26	9.0	20.5	23.9	30.2	4.1	9.7	11.5	14.9	8.9	21.7	25.9	34.1
27	9.1	20.8	24.3	30.6	4.1	9.7	11.5	14.9	9.3	22.8	27.1	35.7
28	9.3	21.1	24.6	31.1	4.1	9.8	11.6	15.0	9.8	23.9	28.5	37.5
29	9.4	21.5	25.0	31.5	4.2	9.9	11.7	15.1	10.3	25.2	30.0	39.5
30	9.6	21.8	25.4	32.1	4.2	10.0	11.8	15.3	10.9	26.6	31.7	41.7