

APPENDIX

Table A1: Overview of sampling scenarios explored

All sampling scenarios presented in the following table were analyzed (i) without the application of sampling weights, and (ii) with the application of sampling weights, which gives 288 explored scenarios in total.

Scenario number	Covariance structure	ICC	Number of sampled clusters	Cluster size
1	Covariance Case 1 (20 at within and 10 at between level)	0.1	50	5
2				10
3				15
4				20
5				25
6				30
7			100	5
8				10
9				15
10				20
11				25
12				30
13			150	5
14				10
15				15
16				20
17				25
18				30
19			200	5
20				10
21				15
22				20
23				25
24				30
25		0.2	50	5
26				10
27				15
28				20
29				25
30				30
31			100	5
32				10
33				15
34				20
35				25
36				30
37			150	5
38				10
39				15
40				20
41				25
42				30
43			200	5
44				10
45				15
46				20
47				25
48				30
49		0.3	50	5
50				10
51				15
52				20
53				25
54				30
55			100	5
56				10
57				15
58				20
59				25
60				30
61			150	5
62				10
63				15
64				20
65				25
66				30
67			200	5
68				10
69				15
70				20
71				25
72				30

Table A1: Overview sampling scenarios explored (contd.)

Scenario number	Covariance structure	ICC	Number of sampled clusters	Cluster size		
73	Covariance Case 2 (10 at within and 20 at between level)	0.2	50	5		
74				10		
75				15		
76				20		
77				25		
78				30		
79			100	5		
80				10		
81				15		
82				20		
83				25		
84				30		
85			150	5		
86				10		
87				15		
88				20		
89				25		
90				30		
91			200	5		
92				10		
93				15		
94				20		
95				25		
96				30		
97			0.3	0.3	50	5
98						10
99						15
100						20
101						25
102						30
103					100	5
104						10
105						15
106						20
107						25
108						30
109	150	5				
110		10				
111		15				
112		20				
113		25				
114		30				
115	200	5				
116		10				
117		15				
118		20				
119		25				
120		30				
121	0.4	0.4			50	5
122						10
123						15
124						20
125						25
126						30
127					100	5
128						10
129						15
130						20
131						25
132						30
133			150	5		
134				10		
135				15		
136				20		
137				25		
138				30		
139			200	5		
140				10		
141				15		
142				20		
143				25		
144				30		

Table A2: Results of curve estimation for the CV (%) of the residual variance: quadratic equations (model summary and parameter estimates, average over all models and both covariance cases; the independent variable is cluster size)

Number of sampled clusters	Weight status											
	Unweighted						Weighted					
	Model summary			Parameter estimates			Model summary			Parameter estimates		
	R square	Sig.	Constant	b1	b2	R square	Sig.	Constant	b1	b2		
50	.969	.000	12.56	-0.660	1.25E-02	.970	.000	13.90	-0.734	1.39E-02		
100	.974	.000	9.06	-0.490	9.39E-03	.975	.000	9.95	-0.534	1.02E-02		
150	.975	.000	7.35	-0.396	7.59E-03	.975	.000	8.11	-0.435	8.35E-03		
200	.974	.000	6.46	-0.354	6.87E-03	.976	.000	7.13	-0.389	7.51E-03		

Figure A1: CV (%) of the residual variance: average over all models and both covariance cases (graphical representation of Table A2)

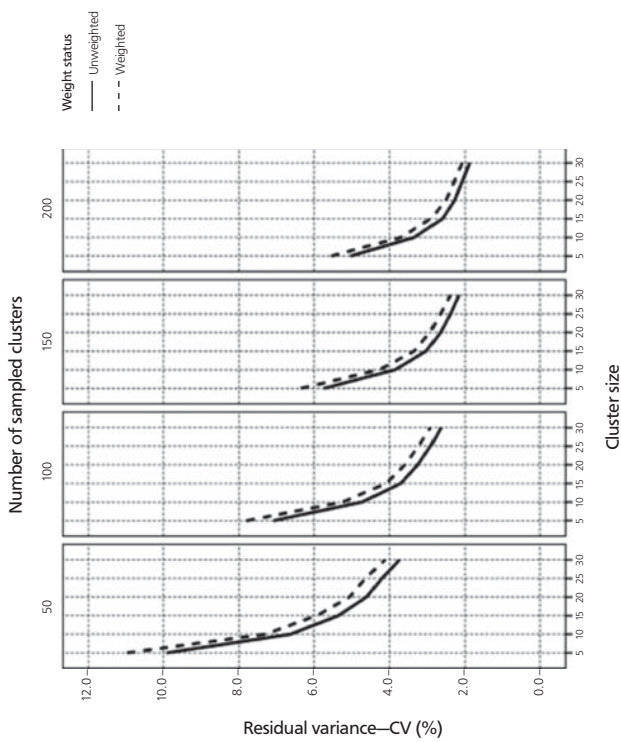


Table A3: Results of curve estimation for the CV (%) of the residual variance: quadratic equations (model summary and parameter estimates, average over all models and both covariance cases; the independent variable is number of sampled clusters)

Cluster size	Weight status											
	Unweighted						Weighted					
	Model summary			Parameter estimates			Model summary			Parameter estimates		
	R square	Sig.	Constant	b1	b2	R square	Sig.	Constant	b1	b2		
5	.989	.000	13.58	-0.085	2.11E-04	.994	.000	15.06	-0.095	2.38E-04		
10	.996	.000	9.07	-0.056	1.39E-04	.994	.000	9.93	-0.061	1.49E-04		
15	.994	.000	7.46	-0.049	1.23E-04	.994	.000	8.29	-0.055	1.40E-04		
20	.995	.000	6.33	-0.040	9.83E-05	.995	.000	6.91	-0.043	1.04E-04		
25	.994	.000	5.86	-0.039	9.88E-05	.993	.000	6.42	-0.041	1.05E-04		
30	.995	.000	5.13	-0.032	8.13E-05	.995	.000	5.66	-0.036	8.93E-05		

Figure A2: CV (%) of the residual variance: average over all models and both covariance cases (graphical representation of Table A3)

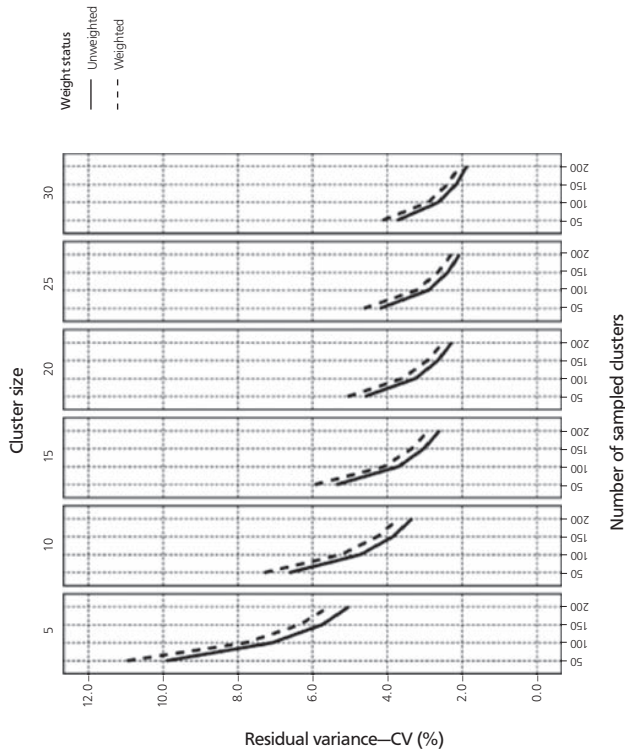


Table A4: Results of curve estimation for the CV (%) of the mean of random intercepts: quadratic equations (model summary and parameter estimates; average over Models 1 and 2 and both covariance cases; the independent variable is cluster size)

ICC	Number of sampled clusters	Weight status													
		Unweighted							Weighted						
		Model summary			Parameter estimates				Model summary			Parameter estimates			
		R square	Sig.	Constant	b1	b2	R square	Sig.	Constant	b1	b2				
.1	50	.980	.000	1.71	-0.054	1.03E-03	.981	.000	1.90	-0.060	1.15E-03				
	100	.984	.000	1.21	-0.038	7.23E-04	.973	.000	1.34	-0.043	8.19E-04				
	150	.967	.000	0.99	-0.031	5.94E-04	.971	.000	1.09	-0.033	6.34E-04				
	200	.978	.000	0.85	-0.026	4.79E-04	.975	.000	0.95	-0.030	5.76E-04				
.2	50	.980	.000	1.85	-0.040	7.73E-04	.979	.000	2.02	-0.041	7.72E-04				
	100	.988	.000	1.31	-0.028	5.23E-04	.989	.000	1.46	-0.032	6.09E-04				
	150	.963	.000	1.07	-0.023	4.41E-04	.958	.000	1.19	-0.027	5.52E-04				
	200	.982	.000	0.92	-0.018	3.30E-04	.986	.000	1.01	-0.021	3.71E-04				
.3	50	.981	.000	1.99	-0.031	5.91E-04	.988	.000	2.19	-0.034	6.72E-04				
	100	.993	.000	1.41	-0.021	3.81E-04	.979	.000	1.56	-0.023	4.39E-04				
	150	.956	.000	1.15	-0.017	3.31E-04	.968	.000	1.27	-0.018	3.15E-04				
	200	.985	.000	0.99	-0.013	2.24E-04	.975	.000	1.10	-0.016	2.95E-04				
.4	50	.982	.000	2.13	-0.024	4.51E-04	.966	.000	2.33	-0.023	4.41E-04				
	100	.996	.000	1.50	-0.015	2.68E-04	.981	.000	1.66	-0.017	3.15E-04				
	150	.940	.000	1.23	-0.013	2.46E-04	.922	.000	1.36	-0.015	2.84E-04				
	200	.987	.000	1.05	-0.010	1.40E-04	.985	.000	1.17	-0.012	2.08E-04				

Figure A3: CV (%) of the mean of random intercepts: average over Models 1 and 2 and both covariance cases (graphical representation of Table A4)

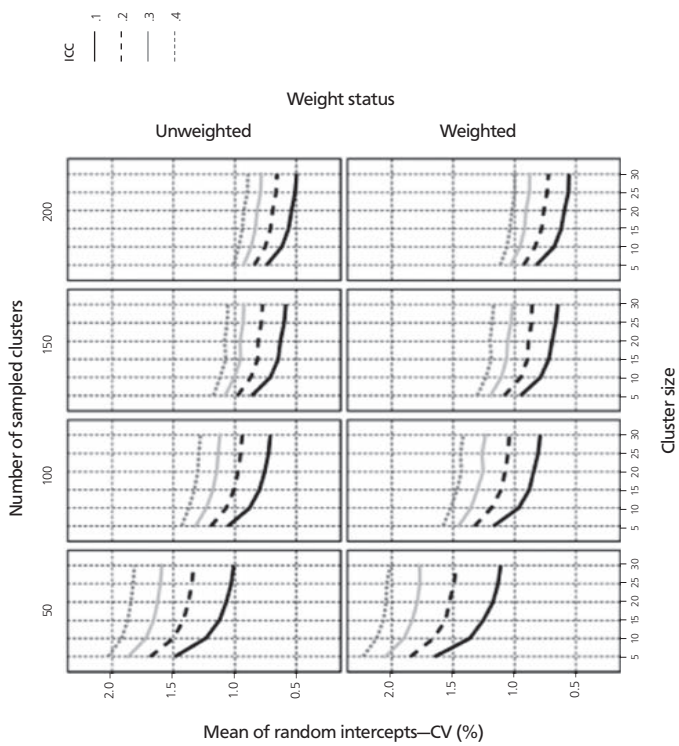


Table A5: Results of curve estimation for the CV (%) of the mean of random intercepts: quadratic equations (model summary and parameter estimates; average over Models 1 and 2 and both covariance cases; the independent variable is number of sampled clusters)

ICC	Cluster size	Weight status													
		Unweighted						Weighted							
		Model summary		Parameter estimates		Model summary		Parameter estimates		Model summary		Parameter estimates			
R square	Sig.	Constant	b1	b2	R square	Sig.	Constant	b1	b2	R square	Sig.	Constant	b1	b2	
.1	5	.996	.000	2.04	-0.013	3.12E-05	.997	.000	2.26	-0.014	3.50E-05				
	10	.997	.000	1.70	-0.011	2.62E-05	.996	.000	1.87	-0.012	2.87E-05				
	15	.997	.000	1.55	-0.010	2.42E-05	.995	.000	1.72	-0.011	2.73E-05				
	20	.993	.000	1.46	-0.009	2.23E-05	.996	.000	1.59	-0.010	2.32E-05				
	25	.994	.000	1.41	-0.009	2.15E-05	.994	.000	1.54	-0.009	2.22E-05				
	30	.994	.000	1.38	-0.009	2.09E-05	.996	.000	1.52	-0.009	2.32E-05				
.2	5	.995	.000	2.31	-0.014	3.57E-05	.996	.000	2.50	-0.015	3.65E-05				
	10	.997	.000	2.05	-0.013	3.13E-05	.999	.000	2.28	-0.014	3.56E-05				
	15	.997	.000	1.95	-0.012	3.08E-05	.997	.000	2.15	-0.014	3.37E-05				
	20	.993	.000	1.88	-0.012	2.87E-05	.994	.000	2.10	-0.013	3.30E-05				
	25	.994	.000	1.84	-0.011	2.77E-05	.995	.000	2.04	-0.013	3.12E-05				
	30	.994	.000	1.82	-0.011	2.75E-05	.994	.000	2.00	-0.012	2.97E-05				
.3	5	.995	.000	2.56	-0.016	3.98E-05	.995	.000	2.80	-0.017	4.31E-05				
	10	.997	.000	2.35	-0.014	3.56E-05	.996	.000	2.59	-0.016	3.93E-05				
	15	.997	.000	2.29	-0.014	3.61E-05	.996	.000	2.50	-0.016	3.83E-05				
	20	.993	.000	2.22	-0.014	3.41E-05	.990	.000	2.45	-0.015	3.89E-05				
	25	.994	.000	2.19	-0.014	3.28E-05	.996	.000	2.41	-0.015	3.56E-05				
	30	.994	.000	2.18	-0.013	3.29E-05	.994	.000	2.45	-0.016	3.96E-05				
.4	5	.995	.000	2.79	-0.018	4.35E-05	.994	.000	3.05	-0.019	4.65E-05				
	10	.996	.000	2.62	-0.016	3.94E-05	.997	.000	2.89	-0.018	4.31E-05				
	15	.997	.000	2.58	-0.016	4.08E-05	.997	.000	2.84	-0.018	4.49E-05				
	20	.993	.000	2.52	-0.016	3.86E-05	.991	.000	2.79	-0.017	4.32E-05				
	25	.994	.000	2.49	-0.015	3.73E-05	.994	.000	2.78	-0.017	4.14E-05				
	30	.993	.000	2.48	-0.015	3.75E-05	.994	.000	2.75	-0.017	4.23E-05				

Figure A4: CV (%) of the mean of random intercepts: average over Models 1 and 2 and both covariance cases (graphical representation of Table A5)

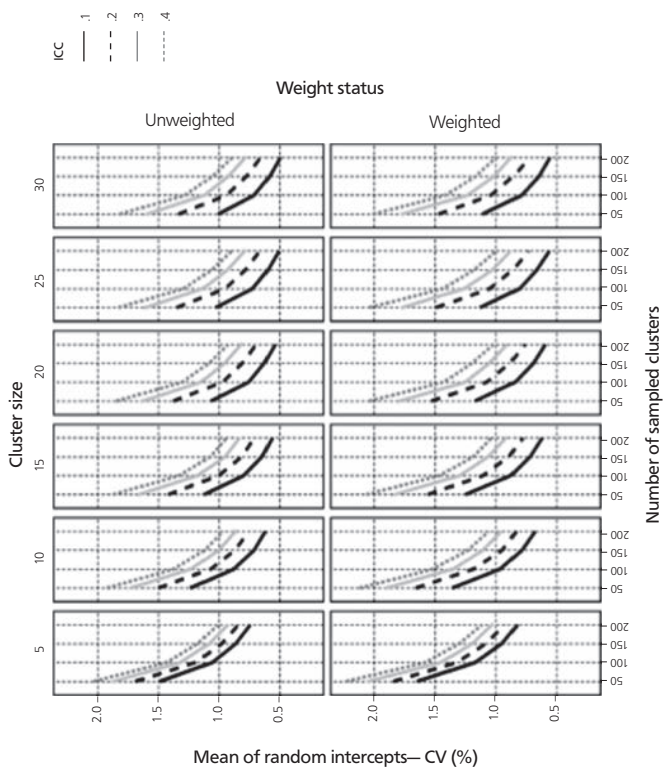


Table A6: Results of curve estimation for the CV (%) of the mean of random intercepts: quadratic equations (model summary and parameter estimates, average over Models 3 and 4; the independent variable is cluster size)

Case	ICC	Number of sampled clusters	Weight status																					
			Unweighted						Weighted															
			Model summary			Parameter estimates			Model summary			Parameter estimates												
R square	Sig.	Constant	b1	b2	R square	Sig.	Constant	b1	b2	R square	Sig.	Constant	b1	b2										
Covariance Case 1 (20 at within and 10 at between level)	.1	50	.984	.000	1.67	-0.062	1.19E-03	0.985	.000	1.84	-0.068	1.32E-03	100	.979	.000	1.15	-0.040	7.60E-04	0.977	.000	1.26	-0.044	8.34E-04	
		150	.972	.000	0.93	-0.033	6.34E-04	0.972	.000	1.02	-0.035	6.49E-04	200	.983	.000	0.80	-0.027	5.12E-04	0.981	.000	0.89	-0.032	6.12E-04	
	.2	100	.982	.000	1.83	-0.046	8.85E-04	0.888	.000	1.98	-0.050	9.97E-04	150	.980	.000	1.25	-0.029	5.47E-04	0.978	.000	1.39	-0.033	6.17E-04	
		200	.965	.000	1.02	-0.024	4.73E-04	0.959	.000	1.15	-0.029	5.95E-04	50	.981	.000	0.88	-0.019	3.50E-04	0.988	.000	0.96	-0.021	3.81E-04	
		100	.982	.000	1.98	-0.036	6.88E-04	0.980	.000	2.19	-0.040	7.93E-04	150	.982	.000	1.36	-0.021	3.96E-04	0.975	.000	1.48	-0.022	3.98E-04	
		200	.957	.000	1.11	-0.019	3.63E-04	0.966	.000	1.21	-0.018	3.25E-04	50	.979	.000	0.95	-0.014	2.41E-04	0.968	.000	1.05	-0.017	3.11E-04	
	Covariance Case 2 (10 at within and 20 at between level)	.2	50	.987	.000	1.78	-0.068	1.30E-03	0.984	.000	1.95	-0.074	1.40E-03	100	.982	.000	1.22	-0.044	8.20E-04	0.979	.000	1.35	-0.049	9.14E-04
			150	.975	.000	0.99	-0.036	6.83E-04	0.973	.000	1.11	-0.043	8.45E-04	200	.988	.000	0.85	-0.030	5.57E-04	0.987	.000	0.93	-0.033	6.12E-04
		.3	50	.987	.000	1.93	-0.053	1.02E-03	0.983	.000	2.13	-0.059	1.14E-03	100	.980	.000	1.32	-0.033	6.19E-04	0.981	.000	1.43	-0.033	6.15E-04
			150	.973	.000	1.07	-0.027	5.24E-04	0.971	.000	1.18	-0.029	5.37E-04	200	.984	.000	0.92	-0.022	4.01E-04	0.979	.000	1.02	-0.025	4.79E-04
.4		50	.985	.000	2.08	-0.042	8.18E-04	0.974	.000	2.31	-0.048	9.43E-04	100	.979	.000	1.42	-0.025	4.75E-04	0.977	.000	1.56	-0.028	5.06E-04	
		150	.966	.000	1.16	-0.022	4.20E-04	0.953	.000	1.28	-0.023	4.37E-04	200	.979	.000	0.99	-0.017	2.96E-04	0.987	.000	1.10	-0.020	3.64E-04	

Figure A5: CV (%) of the mean of random intercepts: average over Models 3 and 4, Covariance Case 1 (20 at within and 10 at between level; graphical representation of first part of Table A6)

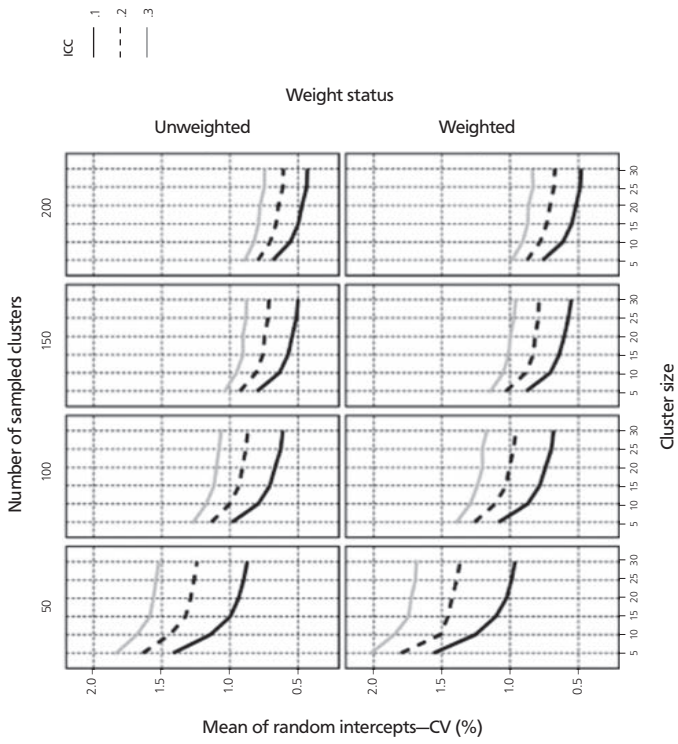


Figure A6: CV (%) of the mean of random intercepts: average over Models 3 and 4, Covariance Case 2 (10 at within and 20 at between level; graphical representation of second part of Table A6)

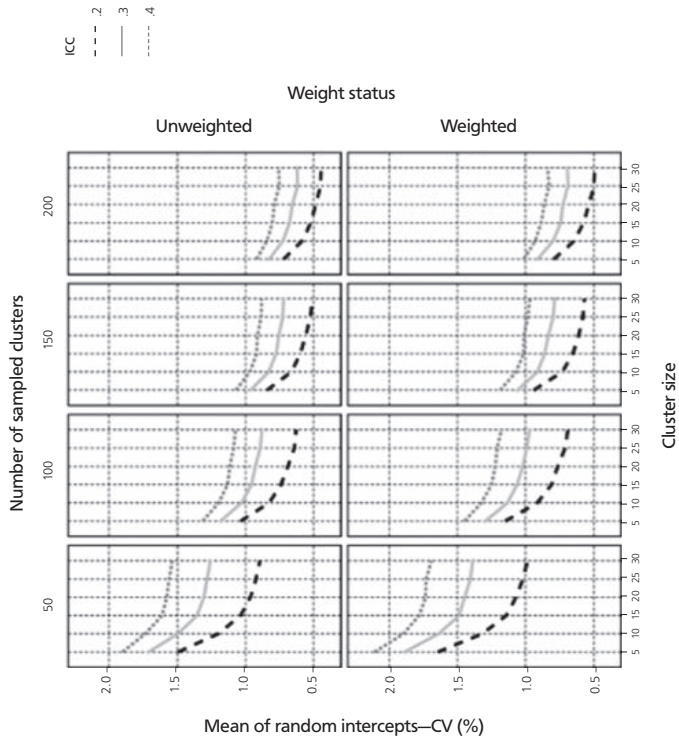


Table A7: Results of curve estimation for the CV (%) of the mean of random intercepts: quadratic equations (model summary and parameter estimates, average over Models 3 and 4; the independent variable is number of sampled clusters)

Covariance structure	ICC	Cluster size	Weight status											
			Unweighted						Weighted					
			Model summary		Parameter estimates		Parameter estimates		Model summary		Parameter estimates		Parameter estimates	
R square	Sig.	Constant	b1	b2		R square	Sig.	Constant	b1	b2				
Covariance Case 1 (20 at within and 10 at between level)	.1	5	.995	.000	1.96	-0.013	3.15E-05	.995	.000	2.17	-0.014	3.57E-05		
		10	.996	.000	1.60	-0.011	2.72E-05	.996	.000	1.75	-0.011	2.91E-05		
		15	.997	.000	1.37	-0.009	2.15E-05	.995	.000	1.51	-0.009	2.29E-05		
		20	.997	.000	1.28	-0.008	1.95E-05	.997	.000	1.39	-0.008	1.99E-05		
		25	.994	.000	1.24	-0.008	1.97E-05	.994	.000	1.35	-0.008	2.06E-05		
	30	.995	.000	1.20	-0.008	1.92E-05	.997	.000	1.33	-0.008	2.11E-05			
	.2	5	.994	.000	2.27	-0.015	3.70E-05	.994	.000	2.47	-0.016	3.85E-05		
		10	.996	.000	2.01	-0.013	3.35E-05	.984	.000	2.05	-0.012	2.99E-05		
		15	.996	.000	1.83	-0.012	2.95E-05	.997	.000	2.01	-0.013	3.26E-05		
		20	.995	.000	1.76	-0.011	2.76E-05	.996	.000	1.97	-0.013	3.12E-05		
		25	.994	.000	1.74	-0.011	2.70E-05	.995	.000	1.91	-0.012	3.01E-05		
	30	.994	.000	1.70	-0.011	2.67E-05	.994	.000	1.87	-0.012	2.92E-05			
	3	5	.994	.000	2.54	-0.017	4.18E-05	.993	.000	2.81	-0.018	4.71E-05		
		10	.995	.000	2.33	-0.015	3.81E-05	.995	.000	2.56	-0.017	4.18E-05		
		15	.997	.000	2.20	-0.014	3.57E-05	.996	.000	2.39	-0.015	3.66E-05		
20		.994	.000	2.14	-0.013	3.36E-05	.992	.000	2.38	-0.015	3.89E-05			
25		.994	.000	2.12	-0.013	3.26E-05	.997	.000	2.32	-0.014	3.51E-05			
30	.993	.000	2.09	-0.013	3.25E-05	.994	.000	2.35	-0.015	3.93E-05				

Table A7: Results of curve estimation for the CV (%) of the mean of random intercepts: quadratic equations (model summary and parameter estimates, average over Models 3 and 4; the independent variable is number of sampled clusters) (contd.)

Covariance structure	ICC	Cluster size	Weight status											
			Unweighted						Weighted					
			Model summary			Parameter estimates			Model summary			Parameter estimates		
			R square	Sig.	Constant	b1	b2	R square	Sig.	Constant	b1	b2		
Covariance Case 2 (10 at within and 20 at between level)	.2	5	.994	.000	2.07	-0.013	3.36E-05	.994	.000	2.26	-0.014	3.48E-05		
		10	.997	.000	1.69	-0.011	2.95E-05	.997	.000	1.85	-0.012	3.15E-05		
		15	.997	.000	1.42	-0.009	2.19E-05	.997	.000	1.58	-0.010	2.55E-05		
		20	.997	.000	1.32	-0.008	2.03E-05	.998	.000	1.47	-0.009	2.31E-05		
		25	.994	.000	1.28	-0.008	2.06E-05	.994	.000	1.41	-0.009	2.28E-05		
		30	.996	.000	1.24	-0.008	2.00E-05	.994	.000	1.36	-0.009	2.21E-05		
	.3	5	.994	.000	2.38	-0.016	3.90E-05	.993	.000	2.64	-0.017	4.46E-05		
		10	.996	.000	2.10	-0.014	3.60E-05	.996	.000	2.29	-0.015	3.88E-05		
		15	.997	.000	1.87	-0.012	3.01E-05	.997	.000	2.03	-0.013	3.09E-05		
		20	.996	.000	1.79	-0.011	2.79E-05	.996	.000	1.99	-0.013	3.18E-05		
		25	.994	.000	1.77	-0.011	2.81E-05	.997	.000	1.94	-0.012	3.04E-05		
		30	.995	.000	1.73	-0.011	2.79E-05	.996	.000	1.93	-0.013	3.25E-05		
	.4	5	.994	.000	2.64	-0.017	4.36E-05	.993	.000	2.94	-0.019	4.89E-05		
		10	.996	.000	2.43	-0.016	4.13E-05	.996	.000	2.63	-0.017	4.31E-05		
		15	.996	.000	2.23	-0.014	3.64E-05	.996	.000	2.47	-0.016	4.03E-05		
20		.996	.000	2.16	-0.014	3.39E-05	.993	.000	2.37	-0.015	3.63E-05			
25		.995	.000	2.15	-0.014	3.38E-05	.994	.000	2.38	-0.015	3.64E-05			
30		.994	.000	2.12	-0.013	3.37E-05	.994	.000	2.34	-0.015	3.84E-05			

Figure A7: CV (%) of the mean of random intercepts: average over Models 3 and 4, Covariance Case 1 (20 at within and 10 at between level); graphical representation of first part of Table A7)

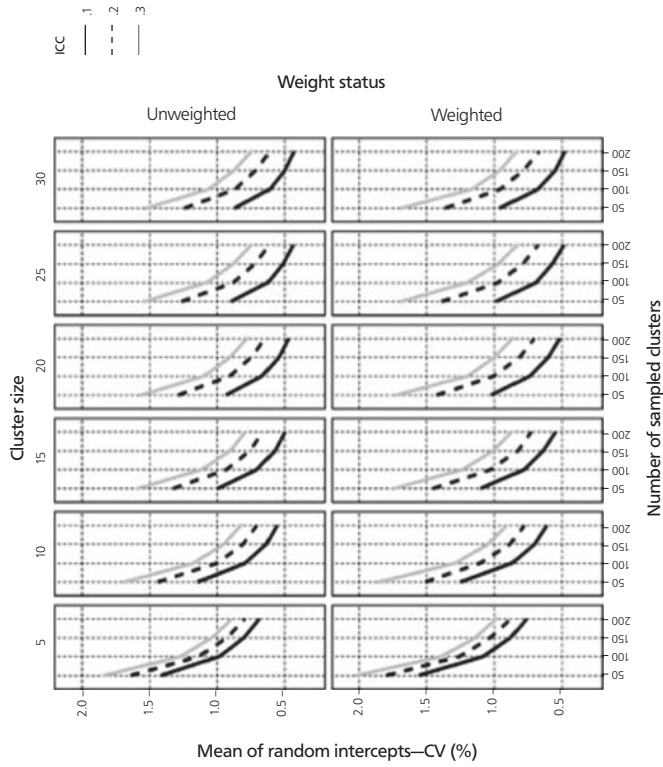


Figure A8: CV (%) of the mean of random intercepts: average over Models 3 and 4, Covariance Case 1 (20 at within and 10 at between level; graphical representation of second part of Table A7)

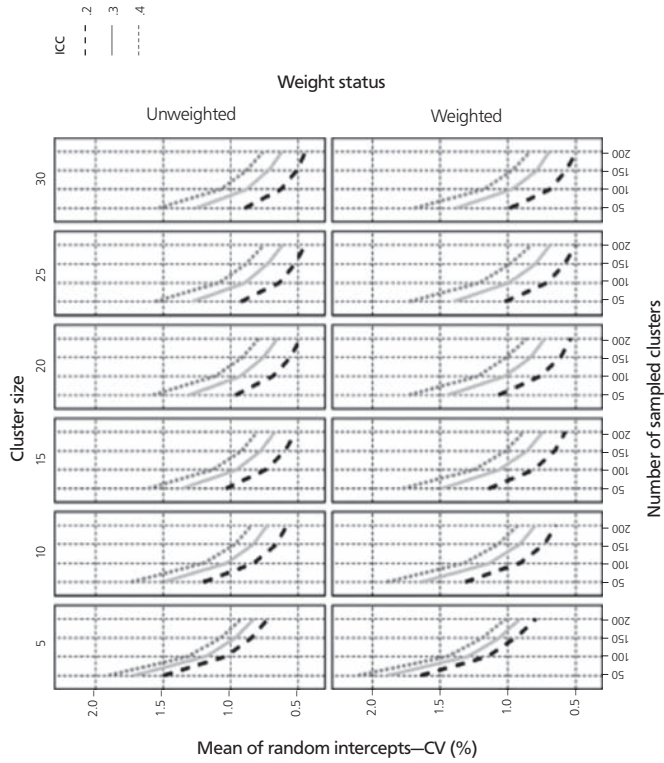


Table A8: Results of curve estimation for the CV (%) of the variance of random intercepts: quadratic equations (model summary and parameter estimates, Model 1; the independent variable is cluster size)

ICC	Number of sampled clusters	Weight status													
		Unweighted						Weighted							
		Model summary		Parameter estimates		Model summary		Parameter estimates		Model summary		Parameter estimates			
R square	Sig.	Constant	b1	b2	R square	Sig.	Constant	b1	b2	R square	Sig.	Constant	b1	b2	
.1	50	.958	.009	71.3	-3.73	0.076	.965	.006	79.9	-4.09	0.081				
	100	.942	.014	51.1	-2.75	0.056	.953	.010	59.2	-3.20	0.065				
	150	.939	.015	40.8	-2.18	0.045	.953	.010	47.4	-2.54	0.052				
	200	.945	.013	34.3	-1.77	0.036	.956	.009	41.1	-2.20	0.045				
.2	50	.954	.000	44.1	-1.72	0.035	.931	.000	48.8	-1.99	0.042				
	100	.951	.000	30.2	-1.12	0.022	.934	.000	33.4	-1.27	0.026				
	150	.952	.000	24.6	-0.93	0.019	.937	.000	27.2	-1.05	0.022				
	200	.959	.000	21.5	-0.81	0.016	.962	.000	24.2	-0.97	0.020				
.3	50	.955	.000	34.3	-1.00	0.020	.916	.000	36.6	-1.11	0.025				
	100	.937	.000	23.5	-0.65	0.013	.843	.000	27.1	-1.07	0.030				
	150	.943	.000	19.1	-0.53	0.011	.961	.000	22.0	-0.93	0.029				
	200	.956	.000	16.8	-0.47	0.009	.990	.000	19.4	-0.86	0.029				
.4	50	.953	.010	29.1	-0.62	0.012	.670	.190	29.9	-0.45	0.007				
	100	.917	.024	20.1	-0.40	0.008	.854	.056	21.6	-0.47	0.010				
	150	.932	.018	16.3	-0.33	0.006	.912	.026	17.5	-0.37	0.008				
	200	.954	.010	14.4	-0.29	0.005	.613	.241	14.7	-0.24	0.006				

Figure A9: CV (%) of the variance of random intercepts: Model 1 (graphical representation of Table A8)

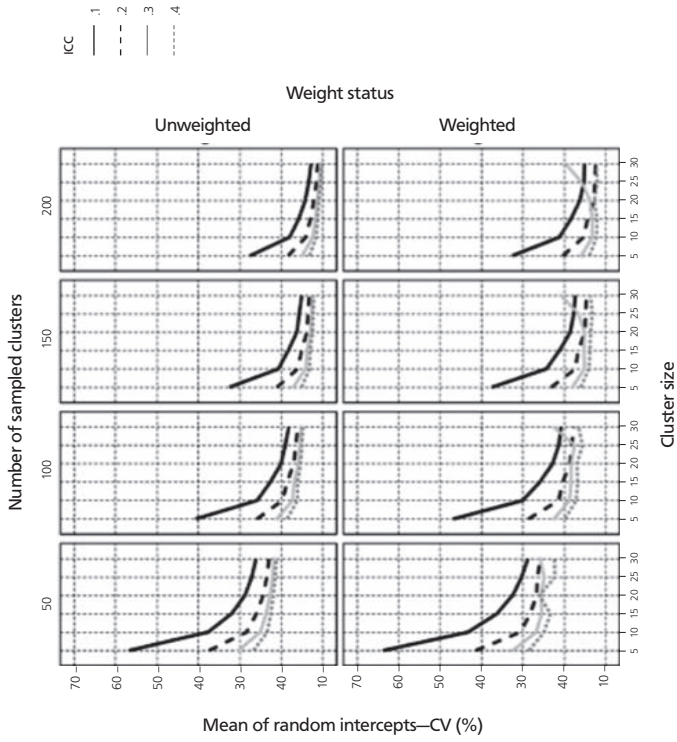


Table A9: Results of curve estimation for the CV (%) of the variance of random intercepts: quadratic equations (model summary and parameter estimates, Model 1; the independent variable is number of sampled clusters)

ICC	Cluster size	Weight status													
		Unweighted							Weighted						
		Model summary		Parameter estimates			Model summary		Parameter estimates			Model summary		Parameter estimates	
R square	Sig.	Constant	b1	b2	R square	Sig.	Constant	b1	b2	R square	Sig.	Constant	b1	b2	
.1	5	.998	.047	77.2	-0.469	1.11E-03	.999	.029	85.8	-0.504	1.19E-03				
	10	.996	.062	53.1	-0.357	9.16E-04	.996	.062	60.3	-0.396	1.01E-03				
	15	.997	.058	43.9	-0.275	6.79E-04	.997	.058	49.4	-0.304	7.51E-04				
	20	.996	.062	40.2	-0.264	6.75E-04	.996	.061	45.0	-0.290	7.36E-04				
	25	.994	.076	37.2	-0.234	5.78E-04	.993	.081	41.5	-0.260	6.51E-04				
.2	30	.993	.085	35.9	-0.227	5.66E-04	.995	.074	38.8	-0.232	5.74E-04				
	5	.995	.000	52.3	-0.346	8.89E-04	.996	.000	57.9	-0.384	9.86E-04				
	10	.996	.000	39.6	-0.260	6.69E-04	.997	.000	42.7	-0.282	7.29E-04				
	15	.997	.000	35.4	-0.217	5.27E-04	.997	.000	38.1	-0.228	5.51E-04				
	20	.996	.000	33.9	-0.222	5.68E-04	.996	.000	36.9	-0.236	5.81E-04				
.3	25	.994	.000	32.2	-0.202	4.98E-04	.994	.000	36.9	-0.242	6.07E-04				
	30	.993	.000	31.5	-0.199	4.94E-04	.991	.000	35.6	-0.231	5.84E-04				
	5	.996	.000	42.3	-0.278	7.11E-04	.997	.000	45.3	-0.300	7.70E-04				
	10	.995	.000	35.0	-0.233	6.01E-04	.996	.000	37.2	-0.242	6.14E-04				
	15	.997	.000	32.3	-0.198	4.81E-04	.994	.000	34.4	-0.206	5.07E-04				
.4	20	.996	.000	31.5	-0.205	5.24E-04	.998	.000	35.4	-0.226	5.96E-04				
	25	.994	.000	30.4	-0.191	4.71E-04	.962	.000	33.9	-0.220	6.57E-04				
	30	.993	.000	29.9	-0.190	4.71E-04	.997	.000	30.1	-0.096	2.22E-04				
	5	.996	.063	37.2	-0.243	6.21E-04	.996	.066	39.8	-0.260	6.59E-04				
	10	.994	.074	32.7	-0.218	5.65E-04	.994	.077	34.8	-0.230	5.90E-04				
.5	15	.996	.059	30.7	-0.189	4.58E-04	.996	.063	31.8	-0.195	4.85E-04				
	20	.996	.066	30.5	-0.199	5.08E-04	.995	.070	38.3	-0.290	8.17E-04				
	25	.994	.076	29.5	-0.186	4.58E-04	.992	.091	30.8	-0.200	5.34E-04				
.6	30	.994	.080	29.1	-0.184	4.57E-04	.998	.040	30.1	-0.179	4.52E-04				

Figure A10: CV (%) of the variance of random intercepts: Model 1 (graphical representation of Table A9)

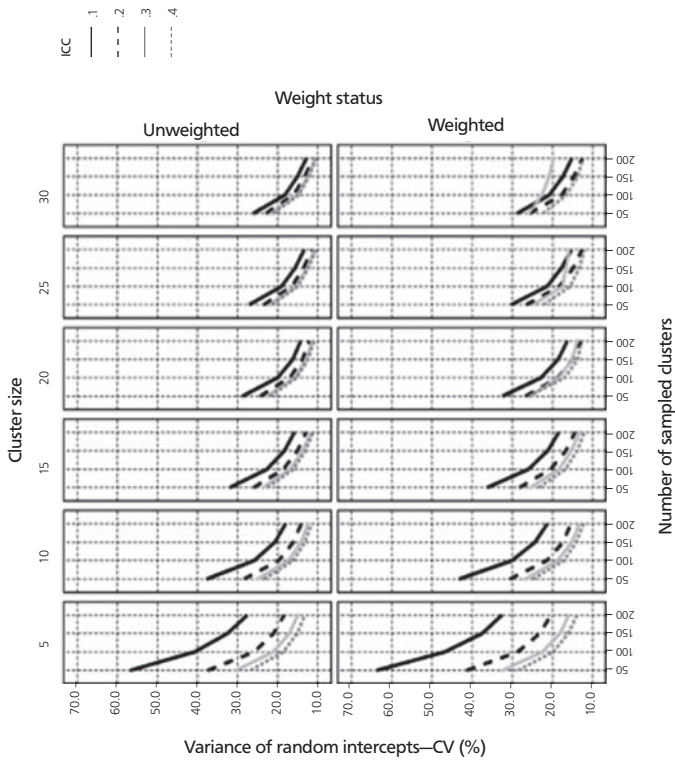


Table A 10: Results of curve estimation for the CV (%) of the variance of random intercepts: quadratic equations (model summary and parameter estimates, Model 2; the independent variable is cluster size)

Covariance structure	ICC	Number of sampled clusters	Weight status											
			Unweighted						Weighted					
			Model summary			Parameter estimates			Model summary			Parameter estimates		
			R square	Sig.	Constant	b1	b2	b2	R square	Sig.	Constant	b1	b2	
Covariance Case 1 (20 at within and 10 at between level)	.1	50	.954	.010	86.2	-4.977	0.102	.959	.008	92.8	-5.230	0.106		
		100	.935	.017	65.6	-4.014	0.084	.935	.016	72.2	-4.414	0.092		
		150	.927	.020	54.2	-3.384	0.071	.931	.018	59.1	-3.653	0.077		
		200	.930	.019	47.0	-2.914	0.061	.929	.019	52.1	-3.242	0.068		
	.2	50	.950	.011	47.9	-2.085	0.043	.937	.016	52.9	-2.289	0.047		
		100	.945	.013	32.6	-1.347	0.027	.939	.015	36.3	-1.500	0.030		
		150	.945	.013	26.6	-1.112	0.023	.938	.016	29.3	-1.224	0.025		
		200	.952	.010	23.1	-0.957	0.019	.952	.011	25.8	-1.102	0.022		
	.3	50	.959	.008	36.4	-1.336	0.032	.950	.011	39.6	-1.369	0.031		
		100	.865	.050	26.7	-1.194	0.033	.912	.026	29.2	-1.237	0.033		
		150	.922	.022	22.5	-1.150	0.034	.941	.014	24.2	-1.144	0.033		
		200	.937	.016	20.2	-1.099	0.033	.960	.008	21.6	-1.096	0.033		

Table A10: Results of curve estimation for the CV (%) of the variance of random intercepts: quadratic equations (model summary and parameter estimates, Model 2; the independent variable is cluster size) (contd.)

Covariance structure	ICC	Number of sampled clusters	Weight status											
			Unweighted						Weighted					
			Model summary		Parameter estimates		R square		Model summary		Parameter estimates		R square	
Covariance Case 2 (10 at within and 20 at between level)	.2	50	.941	.014	52.4	-2.460	0.051	.929	.019	58.1	-2.733	0.057		
		100	.939	.015	35.9	-1.626	0.033	.931	.018	40.0	-1.819	0.037		
		150	.937	.016	29.2	-1.343	0.028	.930	.019	32.3	-1.481	0.031		
		200	.945	.013	25.4	-1.155	0.023	.945	.013	28.4	-1.323	0.027		
	.3	50	.951	.011	37.2	-1.279	0.027	.945	.013	40.9	-1.394	0.029		
		100	.944	.013	26.1	-0.936	0.021	.961	.008	28.9	-1.041	0.023		
		150	.950	.011	21.5	-0.828	0.020	.957	.009	23.4	-0.864	0.020		
		200	.964	.007	18.9	-0.735	0.017	.956	.009	20.6	-0.787	0.018		
	.4	50	.546	.306	28.3	-0.370	0.005	.668	.192	32.1	-0.563	0.010		
		100	.827	.072	21.0	-0.486	0.011	.853	.056	23.1	-0.520	0.011		
		150	.869	.047	16.9	-0.371	0.008	.907	.029	18.8	-0.425	0.009		
		200	.763	.115	14.7	-0.305	0.007	.782	.102	16.2	-0.339	0.007		

Figure A11: CV (%) of the variance of random intercepts: Model 2, Covariance Case 1 (20 at within and 10 at between level; graphical representation of first part of Table A10)

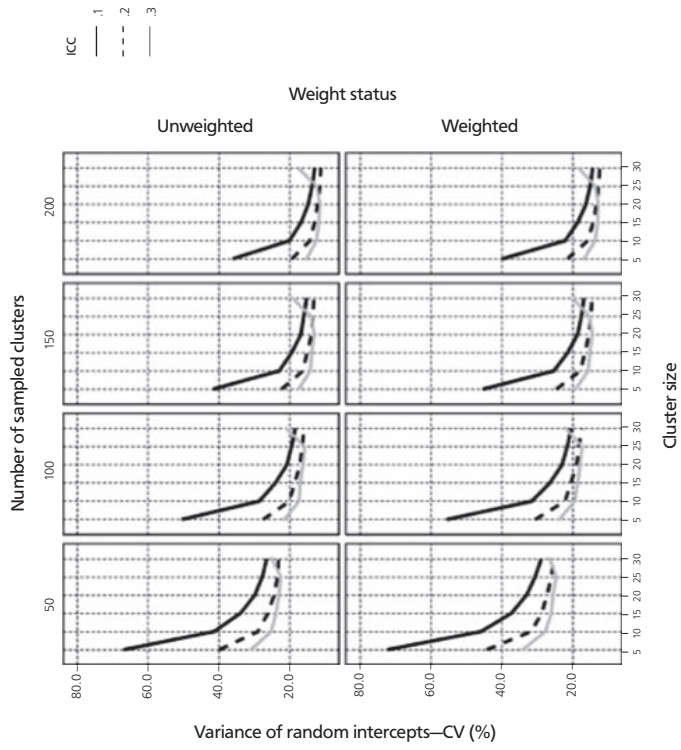


Figure A12: CV (%) of the variance of random intercepts: Model 2, Covariance Case 2 (10 at within and 20 at between level; graphical representation of second part of Table A10)

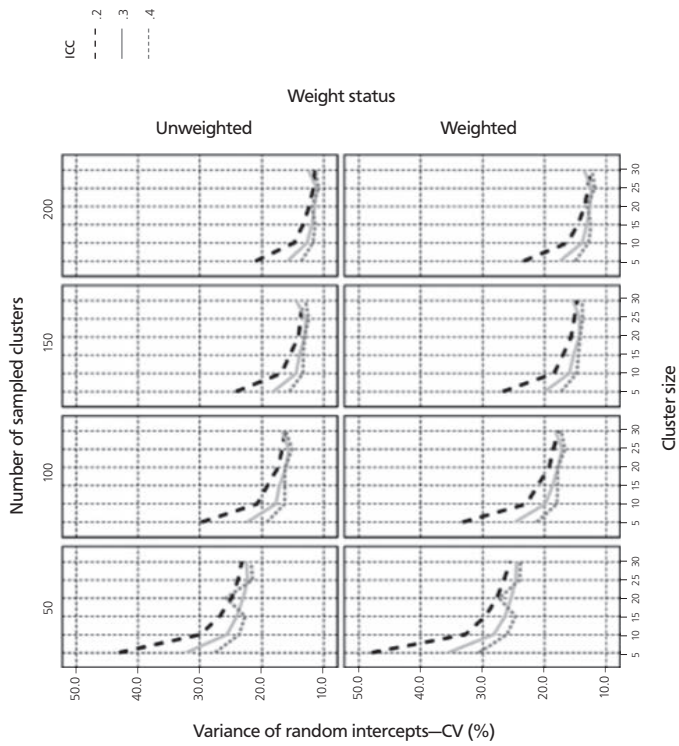


Table A11: Results of curve estimation for the CV (%) of the variance of random intercepts: quadratic equations (model summary and parameter estimates, Model 2; the independent variable is number of sampled clusters)

Covariance structure	ICC	Cluster size	Weight status											
			Unweighted						Weighted					
			Model summary			Parameter estimates			Model summary			Parameter estimates		
			R square	Sig.	Constant	b1	b2	R square	Sig.	Constant	b1	b2		
Covariance Case 1 (20 at within and 10 at between level)	.1	5	.998	.040	87.7	-0.475	1.09E-03	1.000	.015	94.4	-0.499	1.14E-03		
		10	.996	.059	57.9	-0.385	9.84E-04	.996	.062	64.4	-0.430	1.10E-03		
		15	.997	.058	46.5	-0.291	7.16E-04	.997	.058	51.3	-0.322	7.97E-04		
		20	.996	.061	41.7	-0.273	6.98E-04	.996	.063	46.0	-0.300	7.63E-04		
		25	.994	.077	38.1	-0.239	5.91E-04	.996	.067	42.2	-0.266	6.60E-04		
	30	.993	.085	36.5	-0.232	5.78E-04	.994	.078	39.4	-0.244	6.00E-04			
	.2	5	.995	.071	55.8	-0.370	9.48E-04	.996	.062	61.9	-0.411	1.05E-03		
		10	.996	.066	40.4	-0.267	6.86E-04	.997	.056	44.2	-0.290	7.41E-04		
		15	.997	.058	35.8	-0.221	5.38E-04	.997	.053	39.4	-0.242	5.87E-04		
		20	.996	.062	33.9	-0.222	5.67E-04	.994	.074	37.9	-0.246	6.22E-04		
25		.994	.076	32.2	-0.202	4.95E-04	.995	.071	35.8	-0.226	5.56E-04			
.3	30	.992	.087	31.9	-0.205	5.14E-04	.991	.096	35.1	-0.227	5.75E-04			
	5	.996	.066	43.2	-0.283	7.24E-04	.997	.057	47.5	-0.310	7.90E-04			
	10	.995	.072	35.3	-0.235	6.08E-04	.997	.056	38.5	-0.248	6.24E-04			
	15	.997	.057	32.5	-0.199	4.82E-04	.996	.063	35.5	-0.216	5.23E-04			
	20	.997	.051	31.9	-0.205	5.13E-04	.997	.055	35.7	-0.234	5.98E-04			
25	.982	.135	30.7	-0.194	5.20E-04	.984	.128	33.6	-0.211	5.65E-04				
30	.992	.090	29.9	-0.111	2.51E-04	.993	.084	32.0	-0.126	2.95E-04				

Table A11: Results of curve estimation for the CV (%) of the variance of random intercepts: quadratic equations (model summary and parameter estimates, Model 2; the independent variable is number of sampled clusters) (contd.)

Covariance structure	ICC	Cluster size	Weight status													
			Unweighted						Weighted							
			Model summary		Parameter estimates		Parameter estimates		Model summary		Parameter estimates		Parameter estimates			
R square	Sig.	Constant	b1	b2	R square	Sig.	Constant	b1	b2	R square	Sig.	Constant	b1	b2		
Covariance Case 2 (10 at within and 20 at between level)	.2	5	.995	.070	60.2	-0.398	1.02E-03	.996	.061	67.0	-0.443	1.13E-03				
		10	.996	.064	41.7	-0.275	7.07E-04	.997	.056	45.7	-0.301	7.72E-04				
		15	.997	.057	36.6	-0.226	5.50E-04	.997	.051	40.3	-0.247	5.98E-04				
		20	.996	.061	34.6	-0.226	5.78E-04	.995	.073	38.4	-0.249	6.27E-04				
		25	.994	.078	32.7	-0.206	5.08E-04	.995	.073	36.5	-0.232	5.76E-04				
	30	.993	.084	31.9	-0.202	5.03E-04	.991	.095	35.2	-0.226	5.71E-04					
	.3	5	.996	.067	44.9	-0.295	7.55E-04	.997	.059	49.6	-0.325	8.29E-04				
		10	.995	.070	35.8	-0.237	6.14E-04	.997	.055	39.0	-0.250	6.28E-04				
		15	.997	.059	32.8	-0.202	4.90E-04	.995	.068	36.0	-0.224	5.52E-04				
		20	.996	.067	32.0	-0.208	5.31E-04	.997	.054	35.3	-0.230	5.88E-04				
		25	.994	.075	30.7	-0.195	4.92E-04	.992	.089	33.9	-0.217	5.54E-04				
	30	.991	.093	29.4	-0.161	3.83E-04	.996	.064	32.4	-0.183	4.45E-04					
	.4	5	.996	.064	38.4	-0.251	6.41E-04	.995	.068	42.5	-0.277	7.03E-04				
		10	.995	.073	33.1	-0.220	5.72E-04	.994	.078	36.3	-0.239	6.13E-04				
		15	.996	.063	30.8	-0.186	4.48E-04	.997	.052	33.4	-0.200	4.81E-04				
20		.992	.090	38.4	-0.298	8.35E-04	.995	.069	40.1	-0.300	8.29E-04					
25		.995	.073	29.6	-0.189	4.78E-04	.993	.085	33.1	-0.212	5.36E-04					
30	.999	.024	29.2	-0.169	4.00E-04	.999	.034	32.6	-0.201	4.99E-04						

Figure A13: CV (%) of the variance of random intercepts: Model 2, Covariance Case 1 (20 at within and 10 at between level; graphical representation of first part of Table A11)

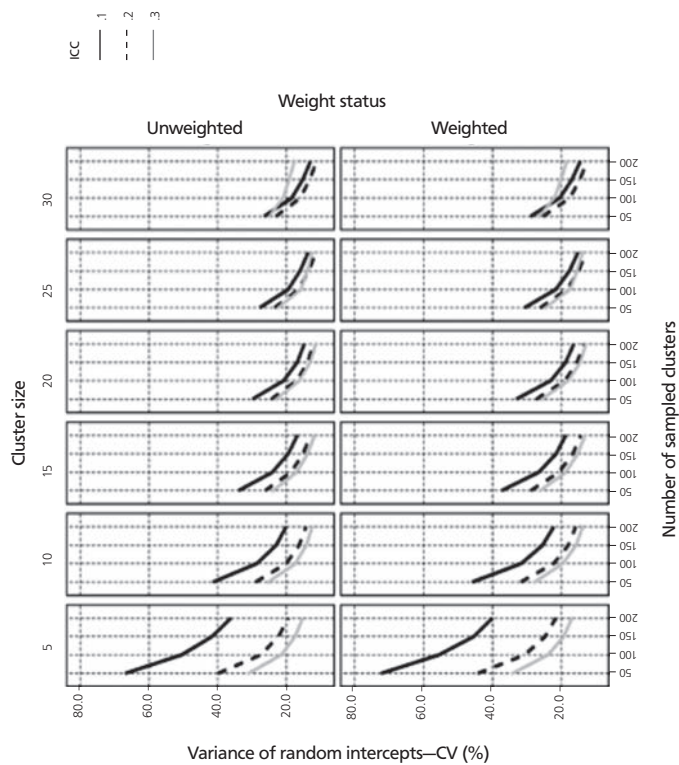


Figure A14: CV (%) of the variance of random intercepts: Model 2, Covariance Case 2 (10 at within and 20 at between level; graphical representation of second part of Table A11)

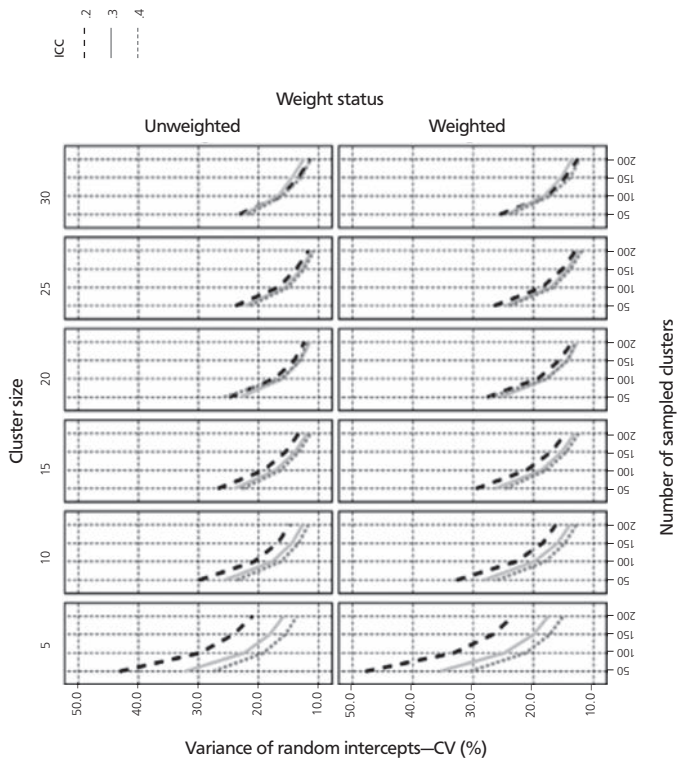


Table A 12: Results of curve estimation for the CV (%) of the variance of random intercepts: quadratic equations (model summary and parameter estimates, Model 3; the independent variable is cluster size)

Covariance structure	ICC	Number of sampled clusters	Weight status											
			Unweighted						Weighted					
			Model summary		Parameter estimates		R square	Sig.	Model summary		Parameter estimates		R square	Sig.
Constant	b1	b2	Constant	b1	b2	Constant			b1	b2				
Covariance Case 1 (20 at within and 10 at between level)	.1	50	.954	.010	86.2	-4.977	0.102	.959	.008	92.8	-5.230	0.106		
		100	.935	.017	65.6	-4.014	0.084	.935	.016	72.2	-4.414	0.092		
		150	.927	.020	54.2	-3.384	0.071	.931	.018	59.1	-3.653	0.077		
		200	.930	.019	47.0	-2.914	0.061	.929	.019	52.1	-3.242	0.068		
	.2	50	.950	.011	47.9	-2.085	0.043	.937	.016	52.9	-2.289	0.047		
		100	.945	.013	32.6	-1.347	0.027	.939	.015	36.3	-1.500	0.030		
		150	.945	.013	26.6	-1.112	0.023	.938	.016	29.3	-1.224	0.025		
		200	.952	.010	23.1	-0.957	0.019	.952	.011	25.8	-1.102	0.022		
	.3	50	.959	.008	36.4	-1.336	0.032	.950	.011	39.6	-1.369	0.031		
		100	.865	.050	26.7	-1.194	0.033	.912	.026	29.2	-1.237	0.033		
		150	.922	.022	22.5	-1.150	0.034	.941	.014	24.2	-1.144	0.033		
		200	.937	.016	20.2	-1.099	0.033	.960	.008	21.6	-1.096	0.033		

Table A12: Results of curve estimation for the CV (%) of the variance of random intercepts: quadratic equations (model summary and parameter estimates, Model 3; the independent variable is cluster size) (contd.)

Covariance structure	ICC	Number of sampled clusters	Weight status											
			Unweighted						Weighted					
			Model summary			Parameter estimates			Model summary			Parameter estimates		
			R square	Sig.	Constant	b1	b2	b2	R square	Sig.	Constant	b1	b2	b2
Covariance Case 2 (10 at within and 20 at between level)	.2	50	.941	.014	52.4	-2.460	0.051	.929	.019	58.1	-2.733	0.057		
		100	.939	.015	35.9	-1.626	0.033	.931	.018	40.0	-1.819	0.037		
		150	.937	.016	29.2	-1.343	0.028	.930	.019	32.3	-1.481	0.031		
	.3	200	.945	.013	25.4	-1.155	0.023	.945	.013	28.4	-1.323	0.027		
		50	.951	.011	37.2	-1.279	0.027	.945	.013	40.9	-1.394	0.029		
		100	.944	.013	26.1	-0.936	0.021	.961	.008	28.9	-1.041	0.023		
	.4	150	.950	.011	21.5	-0.828	0.020	.957	.009	23.4	-0.864	0.020		
		200	.964	.007	18.9	-0.735	0.017	.956	.009	20.6	-0.787	0.018		
		50	.546	.306	28.3	-0.370	0.005	.668	.192	32.1	-0.563	0.010		
		100	.827	.072	21.0	-0.486	0.011	.853	.056	23.1	-0.520	0.011		
		150	.869	.047	16.9	-0.371	0.008	.907	.029	18.8	-0.425	0.009		
		200	.763	.115	14.7	-0.305	0.007	.782	.102	16.2	-0.339	0.007		

Figure A15: CV (%) of the variance of random intercepts: Model 3, Covariance Case 1 (20 at within and 10 at between level; graphical representation of first part of Table A12)

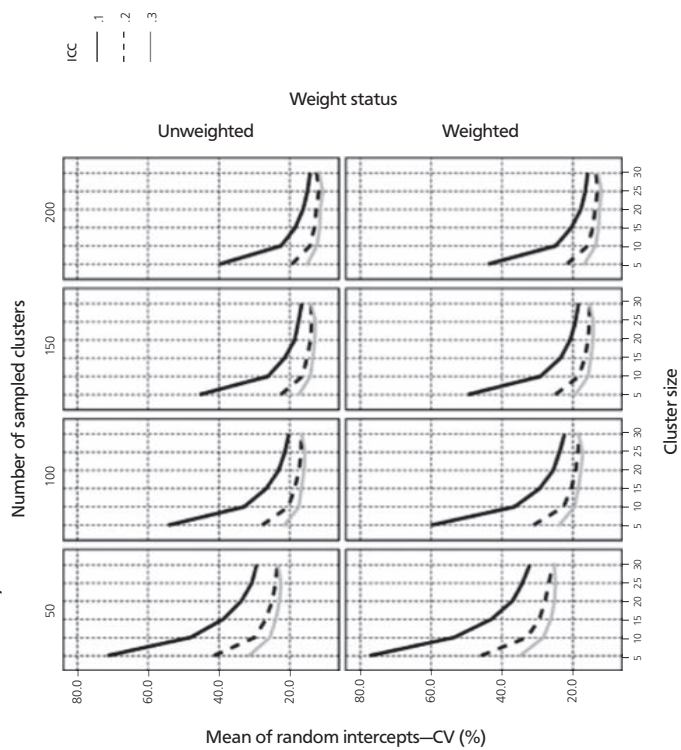


Figure A16: CV (%) of the variance of random intercepts: Model 3, Covariance Case 2 (10 at within and 20 at between level; graphical representation of second part of Table A12)

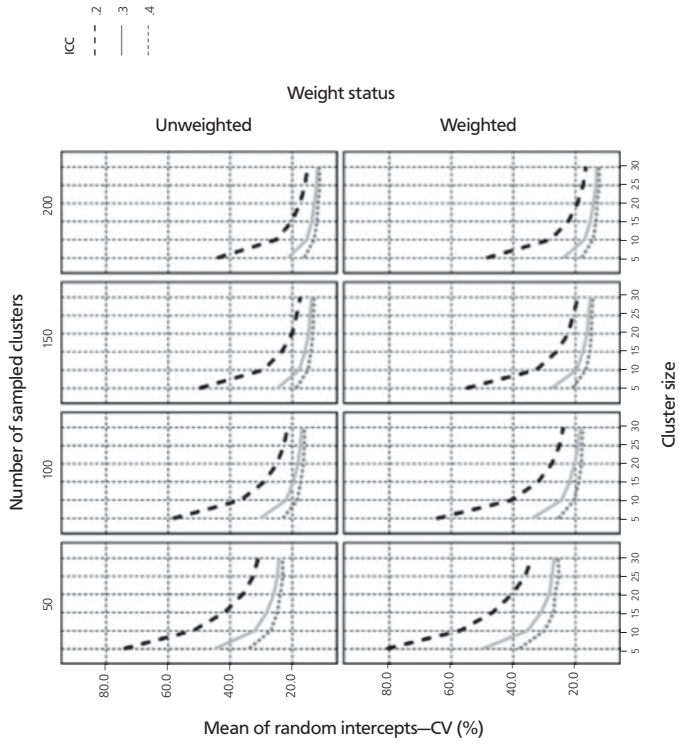


Table A13: Results of curve estimation for the CV (%) of the variance of random intercepts: quadratic equations (model summary and parameter estimates, Model 3; the independent variable is number of sampled clusters)

Covariance structure	ICC	Cluster size	Weight status											
			Unweighted						Weighted					
			Model summary			Parameter estimates			Model summary			Parameter estimates		
			R square	Sig.	Constant	b1	b2	R square	Sig.	Constant	b1	b2		
Covariance Case 1 (20 at within and 10 at between level)	.1	5	.998	.040	87.7	-0.475	1.09E-03	1.000	.015	94.4	-0.499	1.14E-03		
		10	.996	.059	57.9	-0.385	9.84E-04	.996	.062	64.4	-0.430	1.10E-03		
		15	.997	.058	46.5	-0.291	7.16E-04	.997	.058	51.3	-0.322	7.97E-04		
		20	.996	.061	41.7	-0.273	6.98E-04	.996	.063	46.0	-0.300	7.63E-04		
		25	.994	.077	38.1	-0.239	5.91E-04	.996	.067	42.2	-0.266	6.60E-04		
	30	.993	.085	36.5	-0.232	5.78E-04	.994	.078	39.4	-0.244	6.00E-04			
	.2	5	.995	.071	55.8	-0.370	9.48E-04	.996	.062	61.9	-0.411	1.05E-03		
		10	.996	.066	40.4	-0.267	6.86E-04	.997	.056	44.2	-0.290	7.41E-04		
		15	.997	.058	35.8	-0.221	5.38E-04	.997	.053	39.4	-0.242	5.87E-04		
		20	.996	.062	33.9	-0.222	5.67E-04	.994	.074	37.9	-0.246	6.22E-04		
		25	.994	.076	32.2	-0.202	4.95E-04	.995	.071	35.8	-0.226	5.56E-04		
	30	.992	.087	31.9	-0.205	5.14E-04	.991	.096	35.1	-0.227	5.75E-04			
	.3	5	.996	.066	43.2	-0.283	7.24E-04	.997	.057	47.5	-0.310	7.90E-04		
		10	.995	.072	35.3	-0.235	6.08E-04	.997	.056	38.5	-0.248	6.24E-04		
		15	.997	.057	32.5	-0.199	4.82E-04	.996	.063	35.5	-0.216	5.23E-04		
20		.997	.051	31.9	-0.205	5.13E-04	.997	.055	35.7	-0.234	5.98E-04			
25		.982	.135	30.7	-0.194	5.20E-04	.984	.128	33.6	-0.211	5.65E-04			
30	.992	.090	29.9	-0.111	2.51E-04	.993	.084	32.0	-0.126	2.95E-04				

Table A13: Results of curve estimation for the CV (%) of the variance of random intercepts: quadratic equations (model summary and parameter estimates, Model 3; the independent variable is number of sampled clusters) (contd.)

Covariance structure	ICC	Cluster size	Weight status													
			Unweighted						Weighted							
			Model summary		Parameter estimates		R square	Sig.	Constant	b1	b2	Model summary		Sig.	Constant	b1
Covariance Case 2 (10 at within and 20 at between level)	.2	5	.995	.070	60.2	-0.398						1.02E-03	.996			
		10	.996	.064	41.7	-0.275	7.07E-04	.997	.056	45.7	-0.301	7.72E-04				
		15	.997	.057	36.6	-0.226	5.50E-04	.997	.051	40.3	-0.247	5.98E-04				
		20	.996	.061	34.6	-0.226	5.78E-04	.995	.073	38.4	-0.249	6.27E-04				
		25	.994	.078	32.7	-0.206	5.08E-04	.995	.073	36.5	-0.232	5.76E-04				
		30	.993	.084	31.9	-0.202	5.03E-04	.991	.095	35.2	-0.226	5.71E-04				
	.3	5	.996	.067	44.9	-0.295	7.55E-04	.997	.059	49.6	-0.325	8.29E-04				
		10	.995	.070	35.8	-0.237	6.14E-04	.997	.055	39.0	-0.250	6.28E-04				
		15	.997	.059	32.8	-0.202	4.90E-04	.995	.068	36.0	-0.224	5.52E-04				
		20	.996	.067	32.0	-0.208	5.31E-04	.997	.054	35.3	-0.230	5.88E-04				
		25	.994	.075	30.7	-0.195	4.92E-04	.992	.089	33.9	-0.217	5.54E-04				
		30	.991	.093	29.4	-0.161	3.83E-04	.996	.064	32.4	-0.183	4.45E-04				
.4	5	.996	.064	38.4	-0.251	6.41E-04	.995	.068	42.5	-0.277	7.03E-04					
	10	.995	.073	33.1	-0.220	5.72E-04	.994	.078	36.3	-0.239	6.13E-04					
	15	.996	.063	30.8	-0.186	4.48E-04	.997	.052	33.4	-0.200	4.81E-04					
	20	.992	.090	38.4	-0.298	8.35E-04	.995	.069	40.1	-0.300	8.29E-04					
	25	.995	.073	29.6	-0.189	4.78E-04	.993	.085	33.1	-0.212	5.36E-04					
	30	.999	.024	29.2	-0.169	4.00E-04	.999	.034	32.6	-0.201	4.99E-04					

Figure A17: CV (%) of the variance of random intercepts: Model 3, Covariance Case 1 (20 at within and 10 at between level; graphical representation of first part of Table A13)

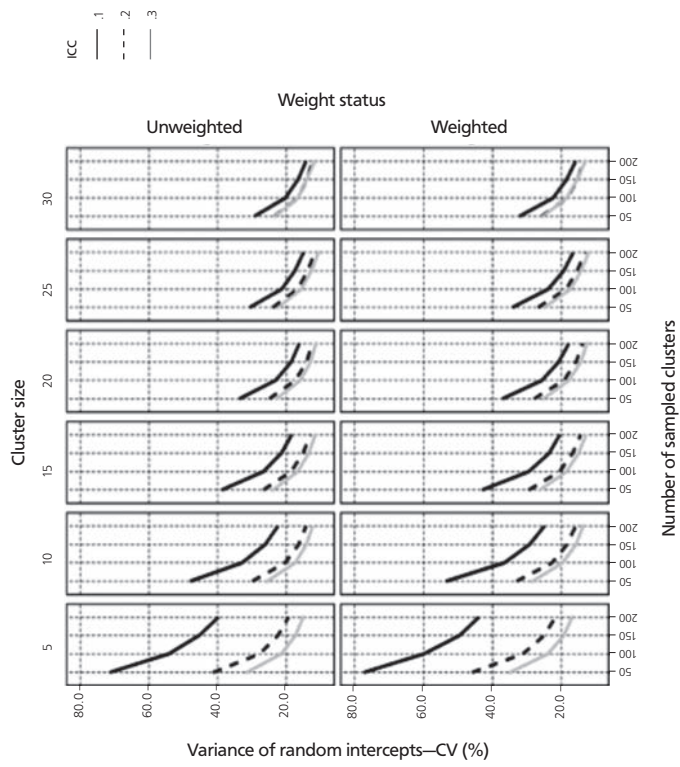


Figure A18: CV (%) of the variance of random intercepts: Model 3, Covariance Case 2 (10 at within and 20 at between level; graphical representation of second part of Table A13)

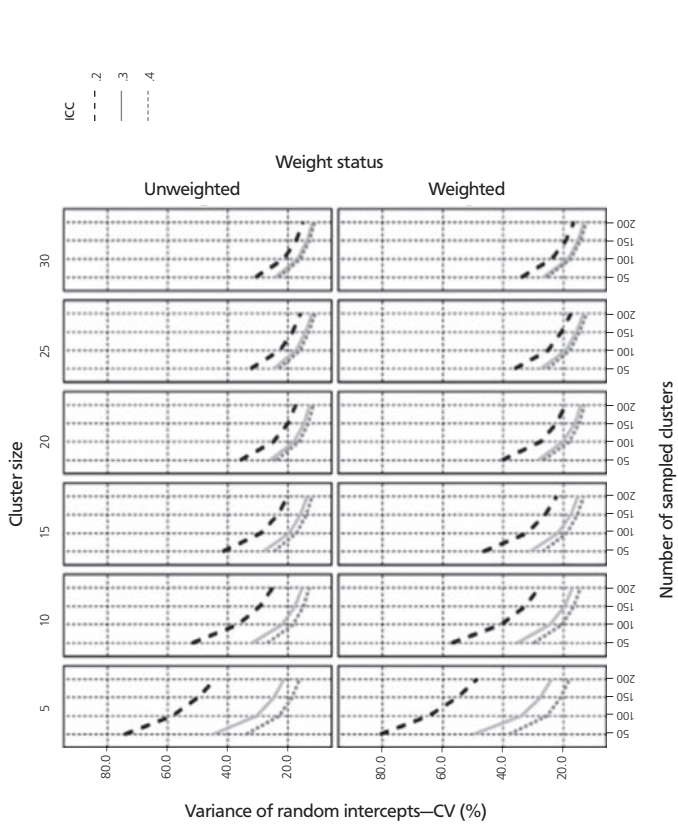


Table A14: Results of curve estimation for the CV (%) of the variance of random intercepts: quadratic equations (model summary and parameter estimates, Model 4; the independent variable is cluster size)

Covariance structure	ICC	Number of sampled clusters	Weight status											
			Unweighted						Weighted					
			Model summary		Parameter estimates		R square		Model summary		Parameter estimates		R square	
R square	Sig.	Constant	b1	b2		R square	Sig.	Constant	b1	b2				
Covariance Case 1 (20 at within and 10 at between level)	.1	50	.971	.005	107.1	-6.20	0.124	.974	.004	117.4	-6.71	0.133		
		100	.958	.009	76.6	-4.60	0.094	.957	.009	85.4	-5.15	0.105		
		150	.950	.011	62.1	-3.78	0.078	.955	.010	68.4	-4.16	0.086		
		200	.949	.012	53.9	-3.29	0.068	.951	.011	59.8	-3.68	0.076		
	.2	50	.947	.012	54.0	-2.53	0.052	.857	.054	59.4	-2.87	0.061		
		100	.944	.013	35.2	-1.53	0.031	.945	.013	39.6	-1.76	0.036		
		150	.943	.014	28.4	-1.24	0.026	.941	.014	31.4	-1.37	0.028		
		200	.947	.012	24.4	-1.05	0.021	.946	.012	27.3	-1.20	0.025		
.3	50	.946	.013	37.9	-1.29	0.026	.949	.012	42.0	-1.46	0.030			
	100	.934	.017	25.1	-0.78	0.016	.945	.013	27.9	-0.86	0.017			
	150	.936	.016	20.3	-0.63	0.013	.931	.018	22.4	-0.69	0.014			
	200	.951	.011	17.6	-0.54	0.011	.942	.014	19.6	-0.62	0.013			

Table A14: Results of curve estimation for the CV (%) of the variance of random intercepts: quadratic equations (model summary and parameter estimates, Model 4; the independent variable is cluster size) (contd.)

Covariance structure	ICC	Number of sampled clusters	Weight status											
			Unweighted						Weighted					
			Model summary		Parameter estimates				Model summary		Parameter estimates			
R square	Sig.	Constant	b1	b2		R square	Sig.	Constant	b1	b2				
Covariance Case 2 (10 at within and 20 at between level)	.2	50	.983	.002	110.3	-6.11	0.119	.984	.002	118.8	-6.37	0.121		
		100	.968	.006	83.4	-5.00	0.101	.970	.005	92.1	-5.51	0.111		
		150	.956	.009	69.9	-4.33	0.089	.955	.010	78.0	-4.84	0.099		
		200	.949	.011	61.0	-3.83	0.079	.952	.010	67.3	-4.21	0.086		
	.3	50	.953	.010	61.0	-3.09	0.064	.955	.009	67.5	-3.43	0.071		
		100	.948	.012	39.8	-1.90	0.039	.948	.012	44.4	-2.11	0.043		
		150	.943	.013	32.0	-1.52	0.032	.939	.015	35.6	-1.71	0.035		
		200	.946	.013	27.3	-1.29	0.026	.948	.012	30.7	-1.48	0.030		
	.4	50	.953	.010	42.5	-1.68	0.035	.956	.009	47.8	-1.96	0.041		
		100	.942	.014	27.6	-0.97	0.020	.943	.014	30.8	-1.11	0.023		
		150	.937	.016	22.2	-0.78	0.016	.937	.016	24.9	-0.90	0.018		
		200	.947	.012	19.1	-0.66	0.013	.942	.014	21.2	-0.74	0.015		

Figure A19: CV (%) of the variance of random intercepts: Model 4, Covariance Case 1 (20 at within and 10 at between level; graphical representation of first part of Table A14)

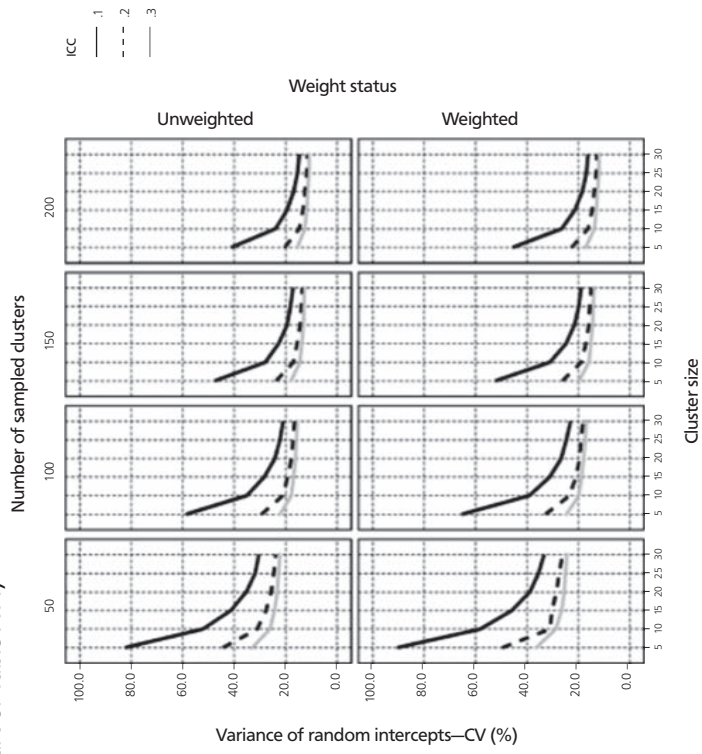


Figure A20: CV (%) ratio of the variance of random intercepts: Model 4, Covariance Case 2 (10 at within and 20 at between level; graphical representation of second part of Table A14)

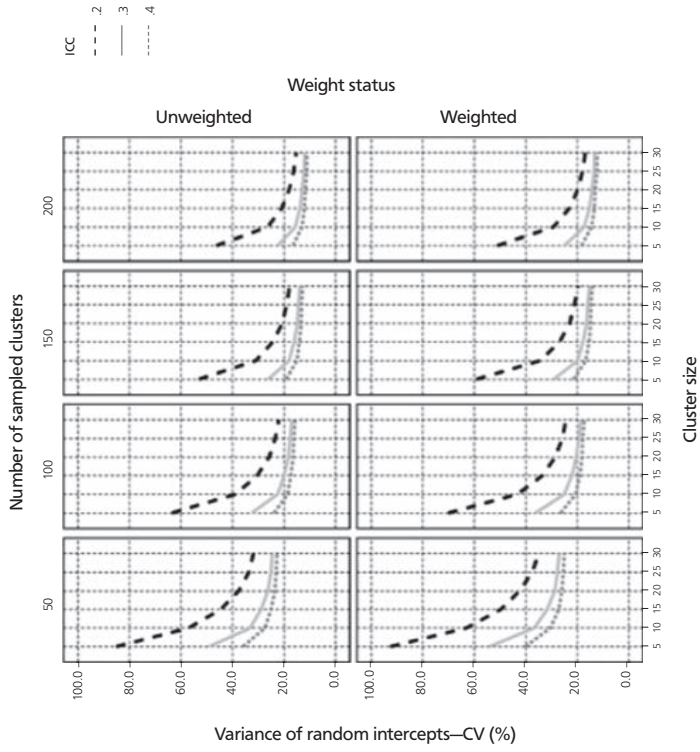


Table A15: Results of curve estimation for the CV (%) of the variance of random intercepts: quadratic equations (model summary and parameter estimates, Model 4; the independent variable is number of sampled clusters)

Covariance structure	ICC	Cluster size	Weight status											
			Unweighted						Weighted					
			Model summary			Parameter estimates			Model summary			Parameter estimates		
			R square	Sig.	Constant	b1	b2	b2	R square	Sig.	Constant	b1	b2	
Covariance Case 1 (20 at within and 10 at between level)	.1	5	.997	.055	112.8	-0.702	1.73E-03	.999	.036	123.2	-0.752	1.83E-03		
		10	.996	.064	74.1	-0.510	1.31E-03	.995	.068	82.6	-0.568	1.45E-03		
		15	.995	.067	57.9	-0.386	9.74E-04	.996	.064	65.0	-0.443	1.13E-03		
		20	.996	.067	49.8	-0.336	8.64E-04	.995	.070	54.3	-0.358	9.03E-04		
		25	.994	.076	44.0	-0.281	6.95E-04	.996	.065	49.2	-0.316	7.78E-04		
		30	.994	.079	42.4	-0.279	7.08E-04	.993	.084	46.2	-0.301	7.60E-04		
	.2	5	.993	.084	63.5	-0.447	1.17E-03	.994	.078	71.3	-0.507	1.33E-03		
		10	.995	.072	43.8	-0.298	7.69E-04	1.000	.020	40.8	-0.221	4.94E-04		
		15	.995	.069	38.3	-0.247	6.17E-04	.995	.073	42.1	-0.273	6.84E-04		
		20	.996	.066	35.8	-0.238	6.13E-04	.994	.079	40.0	-0.268	6.89E-04		
		25	.994	.076	33.8	-0.215	5.26E-04	.993	.085	38.0	-0.244	6.00E-04		
		30	.993	.083	33.2	-0.216	5.47E-04	.993	.081	36.3	-0.234	5.91E-04		
.3	5	.994	.078	46.7	-0.321	8.29E-04	.995	.070	51.5	-0.353	9.12E-04			
	10	.994	.074	36.8	-0.250	6.49E-04	.997	.057	40.5	-0.270	6.86E-04			
	15	.995	.067	33.6	-0.214	5.31E-04	.996	.066	36.5	-0.229	5.64E-04			
	20	.995	.069	32.5	-0.214	5.50E-04	.997	.056	35.4	-0.228	5.74E-04			
	25	.994	.076	31.3	-0.198	4.83E-04	.993	.082	34.7	-0.222	5.51E-04			
	30	.993	.083	30.8	-0.199	5.01E-04	.992	.089	34.2	-0.227	5.83E-04			

Table A15: Results of curve estimation for the CV (%) of the variance of random intercepts: quadratic equations (model summary and parameter estimates, Model 4; the independent variable is number of sampled clusters) (contd.)

Covariance structure	ICC	Cluster size	Weight status											
			Unweighted						Weighted					
			Model summary			Parameter estimates			Model summary			Parameter estimates		
			R square	Sig.	Constant	b1	b2	R square	Sig.	Constant	b1	b2		
Covariance Case 2 (10 at within and 20 at between level)	.2	5	.997	.056	112.4	-0.626	1.49E-03	.996	.062	120.1	-0.632	1.44E-03		
		10	.996	.060	80.1	-0.535	1.34E-03	.996	.060	88.3	-0.585	1.46E-03		
		15	.995	.068	62.6	-0.420	1.07E-03	.995	.073	70.2	-0.479	1.22E-03		
		20	.996	.065	52.9	-0.357	9.18E-04	.995	.073	60.0	-0.412	1.06E-03		
		25	.995	.070	46.6	-0.300	7.47E-04	.993	.083	52.0	-0.337	8.41E-04		
	.3	30	.996	.066	44.5	-0.293	7.40E-04	.997	.059	48.7	-0.315	7.86E-04		
		5	.993	.083	70.1	-0.492	1.28E-03	.994	.075	76.9	-0.532	1.37E-03		
		10	.995	.071	46.9	-0.319	8.20E-04	.997	.058	51.9	-0.352	9.00E-04		
		15	.995	.070	40.2	-0.264	6.66E-04	.997	.059	43.9	-0.283	7.05E-04		
		20	.996	.060	36.5	-0.238	6.08E-04	.998	.045	39.6	-0.251	6.25E-04		
.4	.4	25	.995	.074	34.3	-0.215	5.26E-04	.994	.079	38.1	-0.240	5.86E-04		
		30	.995	.074	34.1	-0.222	5.60E-04	.992	.078	37.8	-0.252	6.49E-04		
		5	.993	.083	51.4	-0.361	9.43E-04	.992	.090	57.3	-0.403	1.05E-03		
		10	.995	.071	38.7	-0.263	6.81E-04	.994	.077	43.0	-0.292	7.51E-04		
		15	.996	.067	34.8	-0.226	5.67E-04	.996	.064	37.6	-0.242	6.08E-04		
	.4	.4	20	.996	.062	32.6	-0.211	5.38E-04	.995	.068	36.2	-0.238	6.12E-04	
			25	.995	.074	31.6	-0.198	4.81E-04	.995	.074	34.6	-0.212	5.09E-04	
			30	.994	.077	31.5	-0.205	5.18E-04	.994	.080	35.1	-0.233	6.00E-04	

Figure A21: CV (%) of the variance of random intercepts: Model 4, Covariance Case 1 (20 at within and 10 at between level; graphical representation of first part of Table A15)

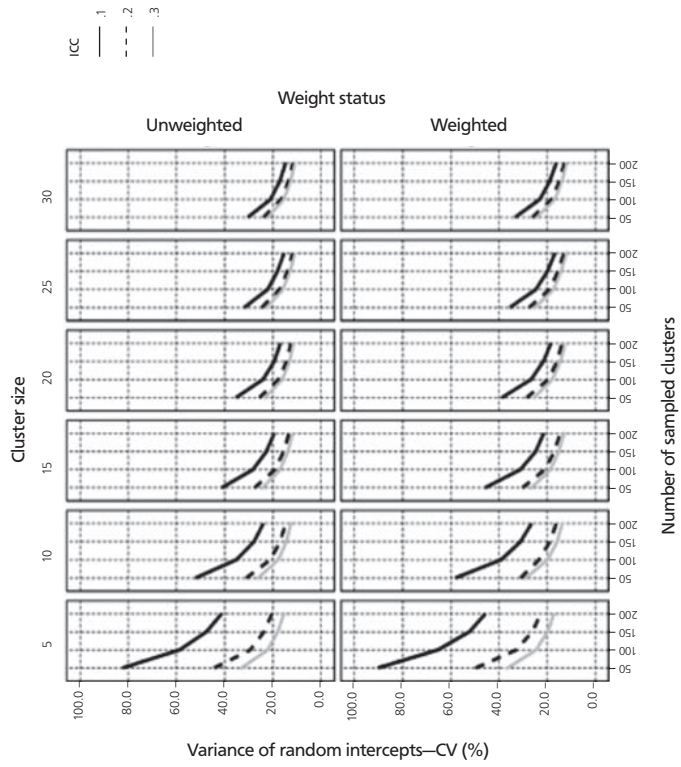


Figure A22: CV (%) of the variance of random intercepts: Model 4, Covariance Case 2 (10 at within and 20 at between level; graphical representation of second part of Table A15)

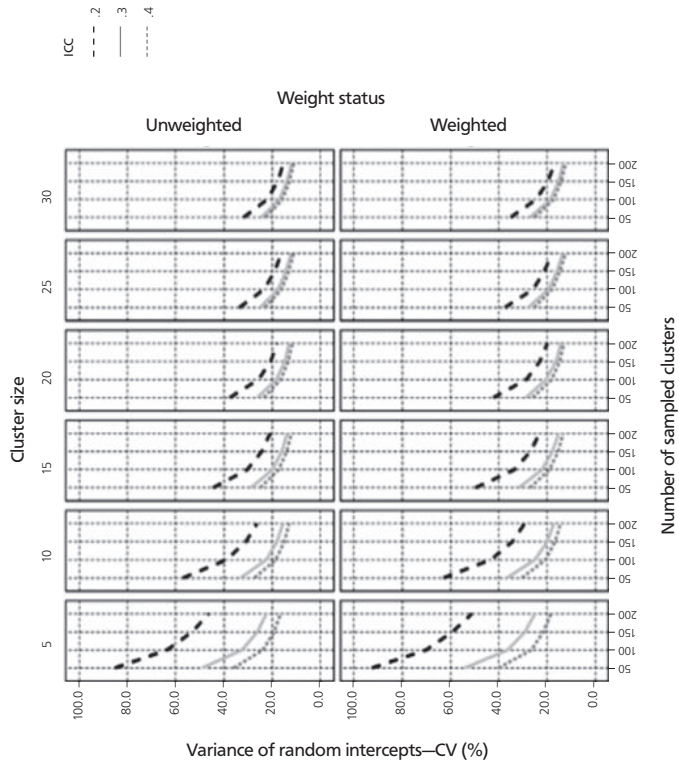


Table A16: Results of curve estimation for the CV (%) of the fixed slope: quadratic equations (model summary and parameter estimates, Model 2; the independent variable is cluster size)

Covariance structure	ICC	Number of sampled clusters	Weight status											
			Unweighted						Weighted					
			Model summary		Parameter estimates		R square		Model summary		Parameter estimates		R square	
R square	Sig.	Constant	b1	b2		R square	Sig.	Constant	b1	b2				
Covariance Case 1 (20 at within and 10 at between level)	.1	50	.986	.002	30.3	-1.459	0.027	.986	.002	33.2	-1.586	0.029		
		100	.988	.001	21.3	-1.020	0.019	.988	.001	23.6	-1.133	0.021		
		150	.982	.003	17.6	-0.859	0.016	.984	.002	19.2	-0.921	0.017		
		200	.981	.003	14.9	-0.712	0.013	.983	.002	16.2	-0.756	0.014		
		50	.984	.002	30.0	-1.507	0.028	.984	.002	32.6	-1.604	0.030		
		100	.985	.002	21.1	-1.049	0.019	.986	.002	23.2	-1.146	0.021		
Covariance Case 2 (10 at within and 20 at between level)	.2	150	.979	.003	17.4	-0.879	0.016	.982	.002	19.1	-0.953	0.018		
		200	.979	.003	14.7	-0.730	0.014	.980	.003	16.1	-0.789	0.015		
		50	.981	.003	28.9	-1.487	0.028	.979	.003	31.4	-1.591	0.030		
		100	.983	.002	20.3	-1.036	0.019	.980	.003	22.2	-1.126	0.021		
		150	.977	.003	16.7	-0.868	0.016	.980	.003	18.2	-0.930	0.017		
		200	.977	.004	14.2	-0.722	0.014	.978	.003	15.8	-0.804	0.015		
Covariance Case 2 (10 at within and 20 at between level)	.3	50	.997	.000	47.0	-1.774	0.029	.997	.000	50.9	-1.848	0.029		
		100	.998	.000	33.3	-1.260	0.020	.998	.000	36.6	-1.372	0.022		
		150	.995	.000	27.4	-1.052	0.017	.997	.000	30.0	-1.132	0.018		
		200	.994	.000	23.2	-0.867	0.014	.995	.000	25.5	-0.940	0.015		
		50	.994	.000	48.5	-2.045	0.035	.992	.001	52.8	-2.184	0.037		
		100	.996	.000	34.4	-1.452	0.025	.994	.000	37.4	-1.559	0.027		
Covariance Case 2 (10 at within and 20 at between level)	.4	150	.992	.001	28.2	-1.208	0.021	.994	.001	30.6	-1.275	0.022		
		200	.990	.001	24.0	-1.003	0.017	.991	.001	26.6	-1.113	0.019		
		50	.991	.001	48.3	-2.193	0.039	.989	.001	53.4	-2.464	0.044		
		100	.993	.001	34.2	-1.553	0.028	.994	.000	37.0	-1.638	0.029		
		150	.988	.001	28.1	-1.291	0.023	.991	.001	30.4	-1.375	0.024		
		200	.987	.002	23.8	-1.076	0.019	.987	.001	26.5	-1.200	0.021		

Figure A23: CV (%) of the fixed slope: Model 2, Covariance Case 1 (20 at within and 10 at between level; graphical representation of first part of Table A16)

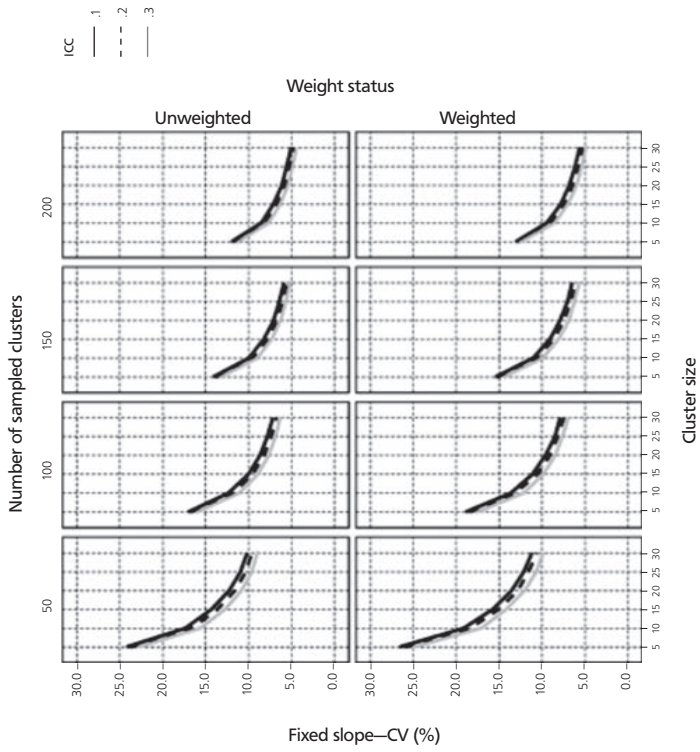


Figure A24: CV (%) of the fixed slope: Model 2, Covariance Case 2 (10 at within and 20 at between level; graphical representation of second part of Table A16)

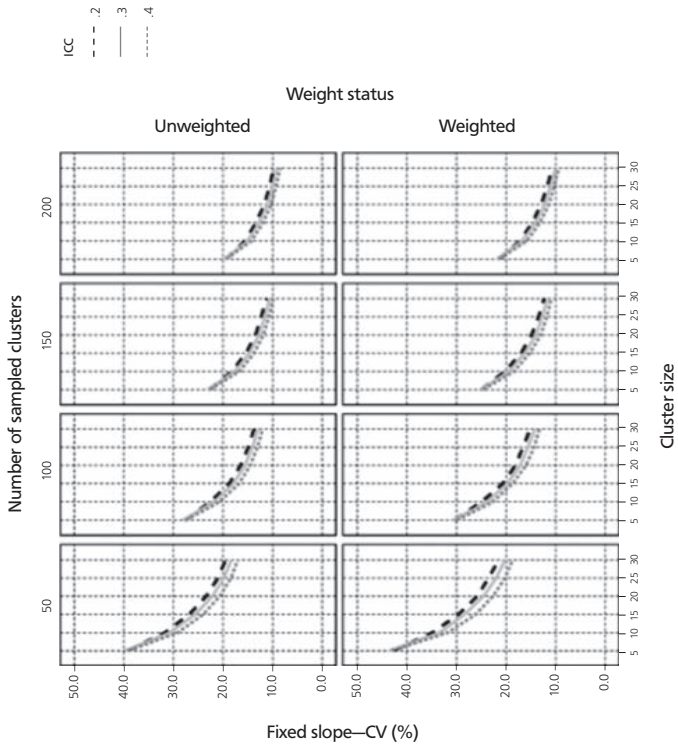


Table A17: Results of curve estimation for the CV (%) of the fixed slope: quadratic equations (model summary and parameter estimates, Model 2; the independent variable is number of sampled clusters)

Case	ICC	Cluster size	Weight status											
			Unweighted						Weighted					
			Model summary			Parameter estimates			Model summary			Parameter estimates		
			R square	Sig.	Constant	b1	b2	R square	Sig.	Constant	b1	b2		
Covariance Case 1 (20 at within and 10 at between level)	.1	5	.993	.084	33.1	-0.206	5.08E-04	.995	.068	36.2	-0.222	5.35E-04		
		10	.997	.055	23.7	-0.146	3.54E-04	.997	.056	26.1	-0.161	3.91E-04		
		15	.995	.073	19.8	-0.126	3.18E-04	.995	.067	21.6	-0.136	3.36E-04		
		20	.996	.067	16.8	-0.106	2.63E-04	.995	.069	18.5	-0.115	2.86E-04		
		25	.995	.069	14.9	-0.092	2.26E-04	.994	.076	16.7	-0.107	2.75E-04		
	30	.995	.068	14.0	-0.088	2.20E-04	.995	.072	15.3	-0.096	2.38E-04			
	.2	5	.993	.083	32.6	-0.204	5.03E-04	.994	.076	35.3	-0.216	5.25E-04		
		10	.997	.055	22.7	-0.140	3.39E-04	.997	.058	24.9	-0.151	3.61E-04		
		15	.995	.073	18.8	-0.120	3.02E-04	.995	.072	20.7	-0.132	3.30E-04		
		20	.996	.067	15.9	-0.100	2.49E-04	.996	.066	17.6	-0.110	2.74E-04		
25		.995	.068	14.1	-0.086	2.13E-04	.996	.064	15.9	-0.100	2.48E-04			
.3	30	.995	.069	13.2	-0.083	2.08E-04	.996	.066	14.6	-0.093	2.32E-04			
	5	.993	.083	31.2	-0.195	4.81E-04	.995	.069	34.3	-0.218	5.46E-04			
	10	.997	.055	21.3	-0.132	3.19E-04	.996	.062	23.3	-0.144	3.54E-04			
	15	.995	.073	17.6	-0.112	2.82E-04	.995	.072	19.7	-0.128	3.27E-04			
	20	.996	.066	14.9	-0.093	2.31E-04	.996	.062	16.6	-0.105	2.64E-04			
25	.995	.068	13.1	-0.080	1.98E-04	.997	.059	14.5	-0.089	2.20E-04				
30	.995	.069	12.3	-0.078	1.94E-04	.996	.067	13.6	-0.086	2.16E-04				

Table A17: Results of curve estimation for the CV (%) of the fixed slope: quadratic equations (model summary and parameter estimates, Model 2; the independent variable is number of sampled clusters) (contd.)

Case	ICC	Cluster size	Weight status											
			Unweighted						Weighted					
			Model summary			Parameter estimates			Model summary			Parameter estimates		
			R square	Sig.	Constant	b1	b2	R square	Sig.	Constant	b1	b2		
Covariance Case 2 (10 at within and 20 at between level)	.2	5	.994	.077	53.6	-0.335	8.25E-04	.995	.068	58.0	-0.355	8.65E-04		
		10	.997	.052	43.1	-0.265	6.39E-04	.997	.055	47.2	-0.285	6.81E-04		
		15	.995	.071	36.9	-0.236	5.96E-04	.995	.074	40.8	-0.261	6.59E-04		
		20	.996	.067	32.2	-0.205	5.13E-04	.996	.066	35.5	-0.226	5.68E-04		
		25	.995	.071	28.7	-0.178	4.42E-04	.996	.061	32.4	-0.206	5.16E-04		
	30	.996	.066	26.7	-0.168	4.17E-04	.996	.062	29.5	-0.187	4.66E-04			
	.3	5	.994	.076	54.3	-0.339	8.35E-04	.996	.066	60.0	-0.381	9.60E-04		
		10	.997	.052	41.9	-0.258	6.21E-04	.996	.060	45.5	-0.281	6.87E-04		
		15	.995	.071	35.3	-0.226	5.70E-04	.995	.073	39.1	-0.250	6.30E-04		
		20	.996	.067	30.5	-0.194	4.86E-04	.996	.067	34.0	-0.221	5.61E-04		
25		.995	.071	27.0	-0.168	4.16E-04	.996	.062	30.0	-0.187	4.63E-04			
.4	30	.996	.066	25.1	-0.158	3.94E-04	.995	.069	27.8	-0.176	4.40E-04			
	5	.994	.076	53.4	-0.333	8.21E-04	.994	.076	59.8	-0.390	1.00E-03			
	10	.997	.052	39.6	-0.244	5.89E-04	.997	.055	43.2	-0.264	6.42E-04			
	15	.995	.071	33.0	-0.212	5.33E-04	.997	.055	35.5	-0.216	5.29E-04			
	20	.996	.067	28.4	-0.180	4.52E-04	.996	.059	31.3	-0.199	5.03E-04			
	25	.995	.071	25.1	-0.155	3.85E-04	.996	.065	27.6	-0.172	4.29E-04			
	30	.996	.067	23.4	-0.147	3.67E-04	.996	.066	25.5	-0.158	3.91E-04			

Figure A25: CV (%) of the fixed slope: Model 2, Covariance Case 1 (20 at within and 10 at between level; graphical representation of first part of Table A17)

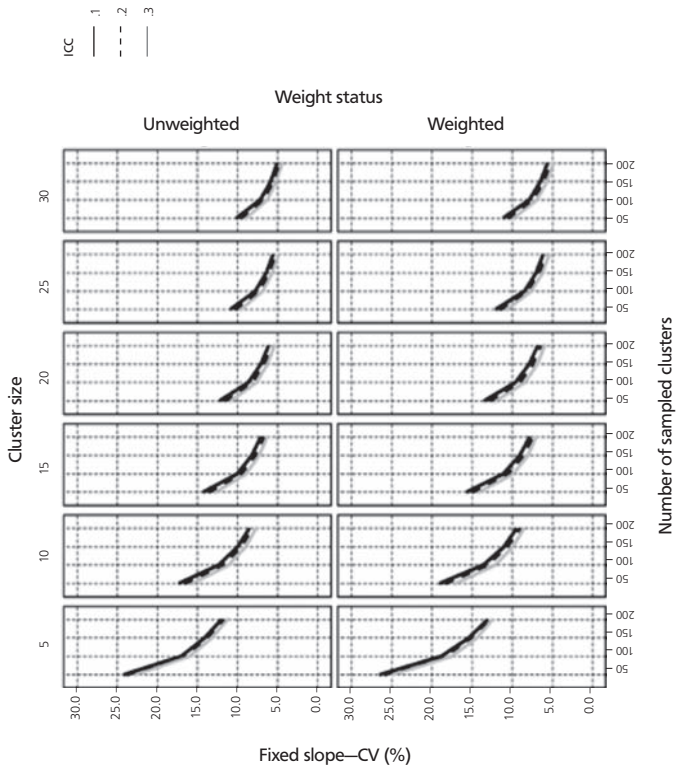


Figure A26: CV (%) of the fixed slope: Model 2, Covariance Case 2 (10 at within and 20 at between level); graphical representation of second part of Table A17)

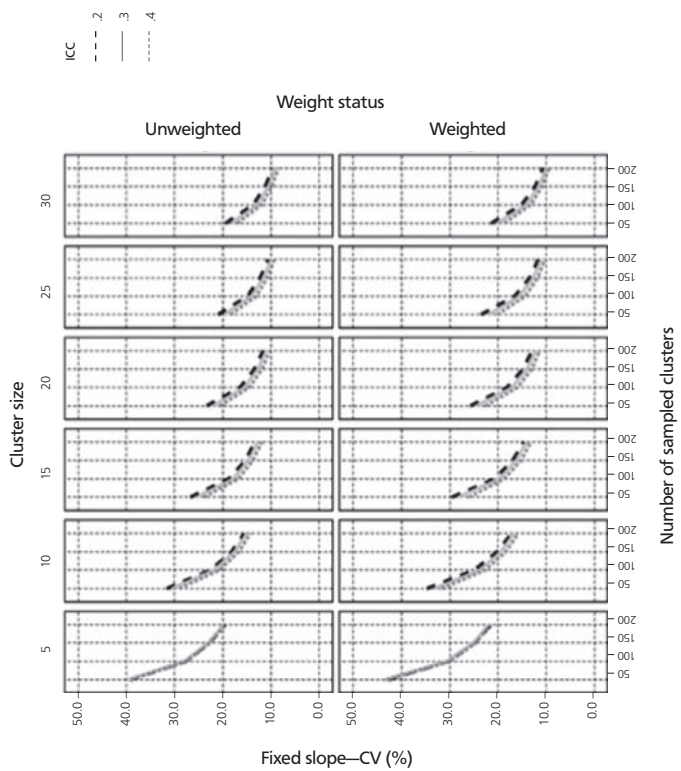


Table A18: Results of curve estimation for the CV (%) of the fixed slope: quadratic equations (model summary and parameter estimates, Model 3; the independent variable is cluster size)

Covariance structure	ICC	Number of sampled clusters	Weight status											
			Unweighted						Weighted					
			Model summary		Parameter estimates				Model summary		Parameter estimates			
			R square	Sig.	Constant	b1	b2	R square	Sig.	Constant	b1	b2		
Covariance Case 1 (20 at within and 10 at between level)	.1	50	.978	.003	35.2	-1.902	0.036	.978	.003	38.4	-2.050	0.039		
		100	.978	.003	25.0	-1.358	0.026	.978	.003	27.8	-1.512	0.029		
		150	.971	.005	20.7	-1.138	0.022	.973	.004	22.6	-1.233	0.024		
		200	.970	.005	17.6	-0.952	0.018	.973	.004	19.0	-1.012	0.019		
	.2	50	.976	.004	33.4	-1.819	0.035	.977	.003	36.3	-1.947	0.037		
		100	.978	.003	23.5	-1.277	0.024	.979	.003	25.9	-1.393	0.027		
		150	.971	.005	19.4	-1.069	0.021	.975	.004	21.3	-1.159	0.022		
		200	.971	.005	16.5	-0.893	0.017	.971	.005	18.1	-0.974	0.019		
	.3	50	.976	.004	31.1	-1.699	0.033	.972	.005	34.0	-1.832	0.035		
		100	.978	.003	21.9	-1.190	0.023	.975	.004	23.9	-1.291	0.025		
		150	.971	.005	18.1	-0.997	0.019	.974	.004	19.7	-1.072	0.021		
		200	.971	.005	15.3	-0.832	0.016	.972	.005	17.1	-0.928	0.018		

Table A18: Results of curve estimation for the CV (%) of the fixed slope: quadratic equations (model summary and parameter estimates, Model 3; the independent variable is cluster size) (contd.)

Covariance structure	ICC	Number of sampled clusters	Weight status											
			Unweighted						Weighted					
			Model summary		Parameter estimates		R square		Model summary		Parameter estimates		R square	
Covariance Case 2 (10 at within and 20 at between level)	.2	50	.982	.002	65.6	-3.413	0.064	.982	.002	70.7	-3.593	0.067		
		100	.981	.003	47.9	-2.564	0.049	.981	.003	52.5	-2.795	0.053		
		150	.974	.004	39.6	-2.153	0.041	.978	.003	43.3	-2.328	0.044		
		200	.971	.005	33.9	-1.835	0.035	.972	.005	37.4	-2.013	0.039		
	.3	50	.978	.003	63.5	-3.407	0.065	.974	.004	69.3	-3.689	0.070		
		100	.980	.003	45.1	-2.436	0.046	.977	.004	49.2	-2.639	0.050		
		150	.974	.004	37.1	-2.020	0.039	.976	.004	40.3	-2.162	0.041		
		200	.971	.005	31.7	-1.708	0.033	.972	.005	35.2	-1.906	0.036		
	.4	50	.977	.003	59.0	-3.186	0.061	.974	.004	65.3	-3.568	0.069		
		100	.963	.007	41.5	-2.270	0.044	.980	.003	45.4	-2.420	0.046		
		150	.973	.004	34.4	-1.877	0.036	.978	.003	37.3	-2.011	0.039		
		200	.971	.005	29.3	-1.584	0.030	.972	.005	32.6	-1.765	0.034		

Figure A27: CV (%) of the fixed slope: Model 3, Covariance Case 1 (20 at within and 10 at between level; graphical representation of first part of Table A18)

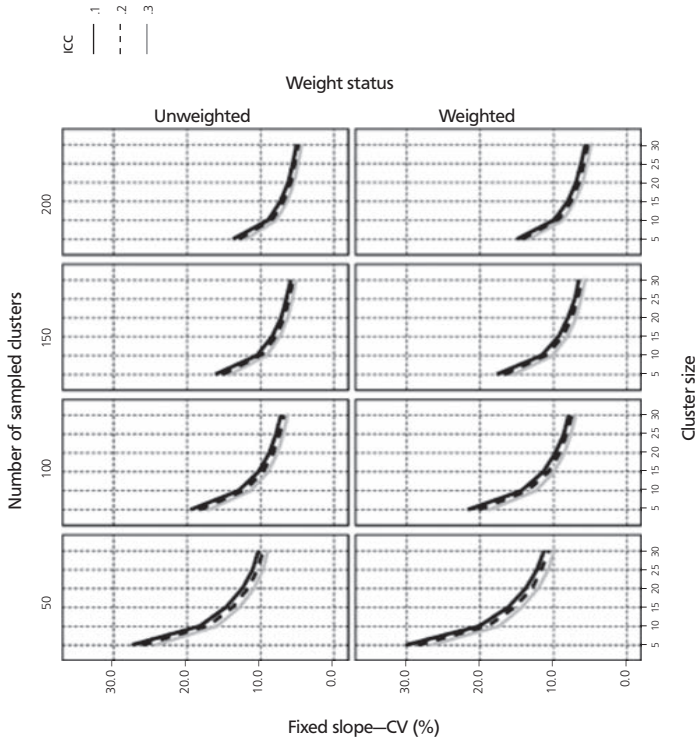


Figure A28: CV (%) of the fixed slope: Model 3, Covariance Case 2 (10 at within and 20 at between level; graphical representation of second part of Table A18)

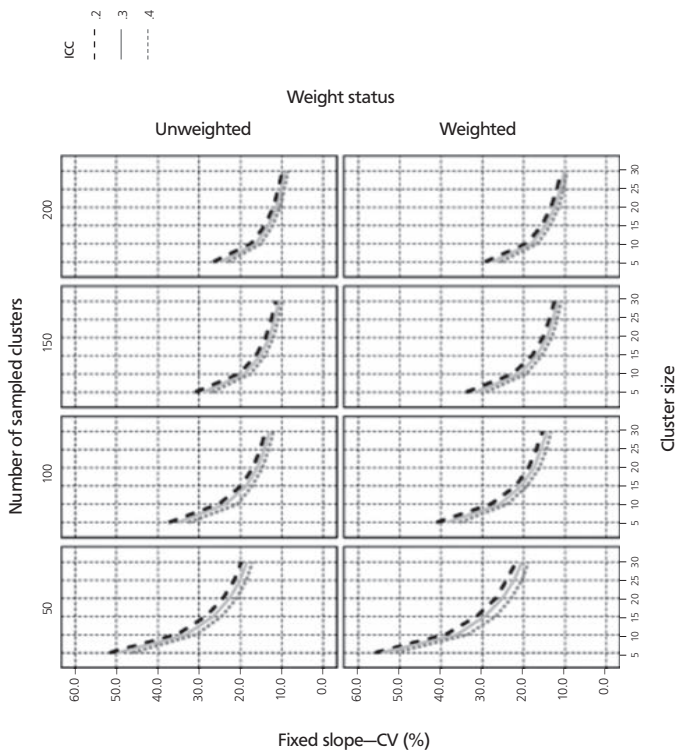


Table A19: Results of curve estimation for the CV (%) of the fixed slope: quadratic equations (model summary and parameter estimates, Model 3; the independent variable is number of sampled clusters)

Case	ICC	Cluster size	Weight status											
			Unweighted						Weighted					
			Model summary		Parameter estimates		b2		Model summary		Parameter estimates		b2	
R square	Sig.	Constant	b1	b2	R square	Sig.	Constant	b1	b2					
Covariance Case 1 (20 at within and 10 at between level)	.1	5	.994	.079	37.4	-0.229	5.61E-04	.996	.063	40.5	-0.240	5.66E-04		
		10	.997	.054	24.9	-0.154	3.71E-04	.997	.054	27.4	-0.168	4.07E-04		
		15	.995	.073	20.3	-0.130	3.26E-04	.995	.068	22.2	-0.140	3.47E-04		
		20	.996	.066	17.1	-0.108	2.68E-04	.995	.069	18.8	-0.117	2.91E-04		
		25	.995	.068	15.1	-0.093	2.29E-04	.994	.075	16.9	-0.109	2.78E-04		
	30	.995	.068	14.1	-0.089	2.22E-04	.995	.071	15.4	-0.097	2.40E-04			
	.2	5	.993	.082	35.6	-0.221	5.45E-04	.994	.075	38.7	-0.237	5.79E-04		
		10	.997	.055	23.4	-0.144	3.49E-04	.997	.059	25.7	-0.156	3.72E-04		
		15	.995	.073	19.1	-0.122	3.06E-04	.995	.073	21.0	-0.134	3.36E-04		
		20	.996	.066	16.1	-0.101	2.51E-04	.996	.066	17.7	-0.111	2.77E-04		
		25	.995	.068	14.1	-0.087	2.15E-04	.996	.064	16.0	-0.101	2.50E-04		
	.3	30	.995	.069	13.3	-0.084	2.09E-04	.996	.066	14.6	-0.093	2.33E-04		
		5	.993	.082	33.2	-0.206	5.08E-04	.995	.072	36.7	-0.233	5.86E-04		
		10	.997	.055	21.8	-0.134	3.25E-04	.996	.060	23.7	-0.147	3.60E-04		
		15	.995	.073	17.7	-0.113	2.85E-04	.995	.072	19.9	-0.129	3.29E-04		
20		.996	.066	14.9	-0.094	2.33E-04	.996	.062	16.7	-0.106	2.65E-04			
25	.995	.068	13.1	-0.081	1.99E-04	.997	.059	14.6	-0.090	2.21E-04				
30	.995	.069	12.4	-0.078	1.94E-04	.996	.066	13.6	-0.087	2.16E-04				

Table A19: Results of curve estimation for the CV (%) of the fixed slope: quadratic equations (model summary and parameter estimates, Model 3; the independent variable is number of sampled clusters) (contd.)

Case	ICC	Cluster size	Weight status											
			Unweighted						Weighted					
			Model summary		Parameter estimates		Parameter estimates		Model summary		Parameter estimates		Parameter estimates	
R square	Sig.	Constant	b1	b2	b2	R square	Sig.	Constant	b1	b2	b2			
Covariance Case 2 (10 at within and 20 at between level)	.2	5	.995	.068	69.4	-0.412	9.95E-04	.997	.057	74.8	-0.433	1.04E-03		
		10	.997	.050	48.2	-0.294	7.07E-04	.995	.054	52.6	-0.316	7.51E-04		
		15	.995	.071	39.2	-0.251	6.32E-04	.995	.074	43.3	-0.277	6.98E-04		
		20	.996	.067	33.4	-0.212	5.32E-04	.996	.066	36.8	-0.235	5.91E-04		
		25	.995	.071	29.4	-0.183	4.54E-04	.996	.061	33.2	-0.212	5.30E-04		
	30	.996	.066	27.1	-0.171	4.24E-04	.996	.062	30.0	-0.190	4.73E-04			
	.3	5	.995	.074	67.8	-0.420	1.03E-03	.996	.063	75.0	-0.476	1.20E-03		
		10	.997	.052	45.2	-0.278	6.71E-04	.996	.059	49.2	-0.303	7.41E-04		
		15	.995	.071	36.7	-0.235	5.92E-04	.995	.072	40.6	-0.259	6.53E-04		
		20	.996	.067	31.2	-0.198	4.97E-04	.996	.067	34.8	-0.226	5.74E-04		
25		.995	.071	27.4	-0.170	4.23E-04	.996	.061	30.5	-0.190	4.71E-04			
.4	30	.996	.066	25.4	-0.160	3.98E-04	.995	.068	28.1	-0.178	4.44E-04			
	5	.994	.075	63.1	-0.393	9.70E-04	.995	.072	70.7	-0.460	1.18E-03			
	10	.986	.117	42.7	-0.284	7.37E-04	.997	.056	45.6	-0.280	6.80E-04			
	15	.995	.071	33.9	-0.217	5.47E-04	.997	.055	36.4	-0.222	5.43E-04			
	20	.996	.067	28.8	-0.183	4.58E-04	.996	.059	31.7	-0.202	5.10E-04			
25	.995	.071	25.3	-0.157	3.90E-04	.996	.065	27.9	-0.174	4.34E-04				
30	.996	.066	23.5	-0.148	3.69E-04	.996	.065	25.7	-0.159	3.94E-04				

Figure A29: CV (%) of the fixed slope: Model 3, Covariance Case 1 (20 at within and 10 at between level; graphical representation of first part of Table A19)

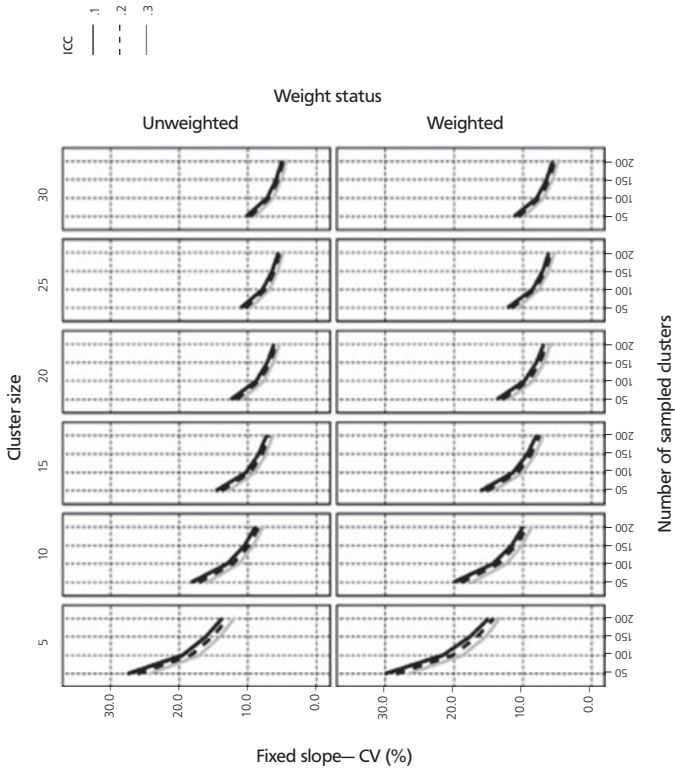


Figure A30: CV (%) of the fixed slope: Model 3, Covariance Case 2 (10 at within and 20 at between level; graphical representation of second part of Table A19)

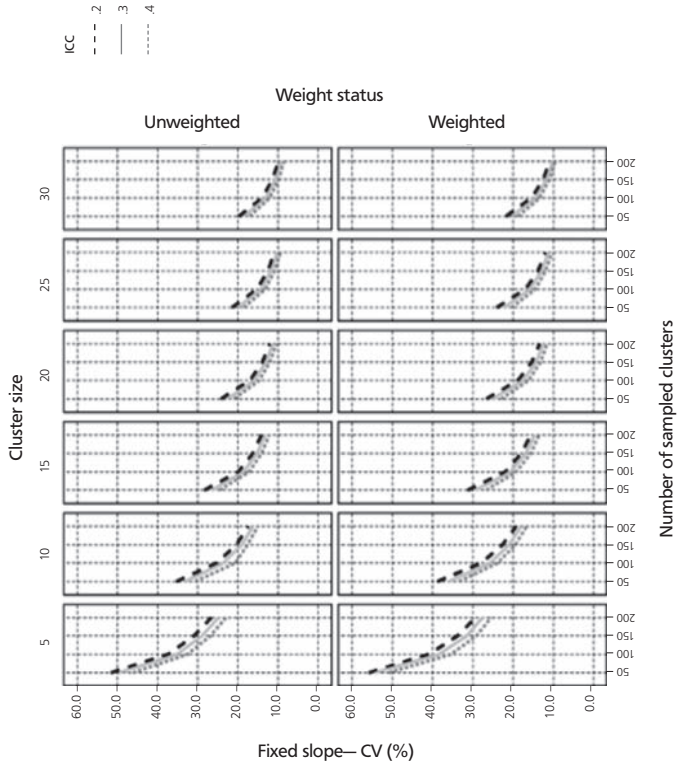


Table A20: Results of curve estimation for the CV (%) of the slope of random intercepts: quadratic equations (model summary and parameter estimates, Model 3; the independent variable is cluster size)

Covariance structure	ICC	Number of sampled clusters	Weight status											
			Unweighted						Weighted					
			Model summary			Parameter estimates			Model summary			Parameter estimates		
			R square	Sig.	Constant	b1	b2	R square	Sig.	Constant	b1	b2		
Covariance Case 1 (20 at within and 10 at between level)	.1	50	.960	.008	62.7	-3.020	0.061	.957	.009	69.8	-3.381	0.068		
		100	.959	.008	42.0	-1.972	0.040	.956	.009	46.1	-2.151	0.044		
		150	.968	.006	33.6	-1.538	0.031	.968	.006	37.4	-1.726	0.034		
		200	.965	.007	28.9	-1.317	0.026	.964	.007	32.3	-1.518	0.031		
	.2	50	.955	.009	69.8	-2.753	0.057	.953	.010	77.2	-3.088	0.064		
		100	.956	.009	45.9	-1.699	0.035	.954	.010	50.7	-1.882	0.039		
		150	.965	.007	36.4	-1.286	0.026	.962	.007	40.5	-1.434	0.029		
		200	.958	.009	31.4	-1.108	0.022	.962	.007	34.9	-1.236	0.025		
	.3	50	.954	.010	75.6	-2.535	0.052	.959	.008	86.3	-3.133	0.065		
		100	.954	.010	49.9	-1.567	0.032	.942	.014	55.4	-1.752	0.036		
		150	.960	.008	39.6	-1.166	0.024	.954	.010	44.4	-1.375	0.028		
		200	.951	.011	34.0	-0.986	0.020	.950	.011	37.7	-1.114	0.023		

Table A20: Results of curve estimation for the CV (%) of the slope of random intercepts: quadratic equations (model summary and parameter estimates, Model 3; the independent variable is cluster size) (contd.)

Covariance structure	ICC	Number of sampled clusters	Weight status											
			Unweighted						Weighted					
			Model summary			Parameter estimates			Model summary			Parameter estimates		
			R square	Sig.	Constant	b1	b2	R square	Sig.	Constant	b1	b2		
Covariance Case 2 (10 at within and 20 at between level)	.2	50	.965	.007	32.8	-1.570	0.031	.959	.008	35.7	-1.689	0.034		
		100	.958	.009	22.8	-1.100	0.022	.958	.009	25.1	-1.212	0.024		
		150	.968	.006	18.6	-0.894	0.018	.967	.006	20.5	-0.979	0.019		
		200	.965	.007	16.0	-0.778	0.016	.965	.007	17.7	-0.862	0.017		
		50	.950	.011	36.7	-1.486	0.030	.956	.009	40.9	-1.696	0.035		
		100	.946	.012	24.5	-0.961	0.020	.950	.011	27.2	-1.071	0.022		
	.3	150	.964	.007	19.6	-0.732	0.015	.962	.008	21.6	-0.799	0.016		
		200	.960	.008	17.0	-0.656	0.013	.954	.010	18.9	-0.728	0.015		
		50	.946	.012	39.8	-1.411	0.029	.945	.013	43.9	-1.589	0.033		
		100	.944	.013	26.1	-0.859	0.018	.947	.012	29.4	-0.999	0.020		
		150	.961	.008	20.8	-0.635	0.013	.960	.008	23.3	-0.752	0.015		
		200	.955	.010	18.1	-0.582	0.012	.950	.011	20.0	-0.649	0.013		
	.4	50	.946	.012	39.8	-1.411	0.029	.945	.013	43.9	-1.589	0.033		
		100	.944	.013	26.1	-0.859	0.018	.947	.012	29.4	-0.999	0.020		
		150	.961	.008	20.8	-0.635	0.013	.960	.008	23.3	-0.752	0.015		
		200	.955	.010	18.1	-0.582	0.012	.950	.011	20.0	-0.649	0.013		
		50	.946	.012	39.8	-1.411	0.029	.945	.013	43.9	-1.589	0.033		
		100	.944	.013	26.1	-0.859	0.018	.947	.012	29.4	-0.999	0.020		

Figure A31: CV (%) of the slope of random intercepts: Model 3, Covariance Case 1 (20 at within and 10 at between level; graphical representation of first part of Table A20)

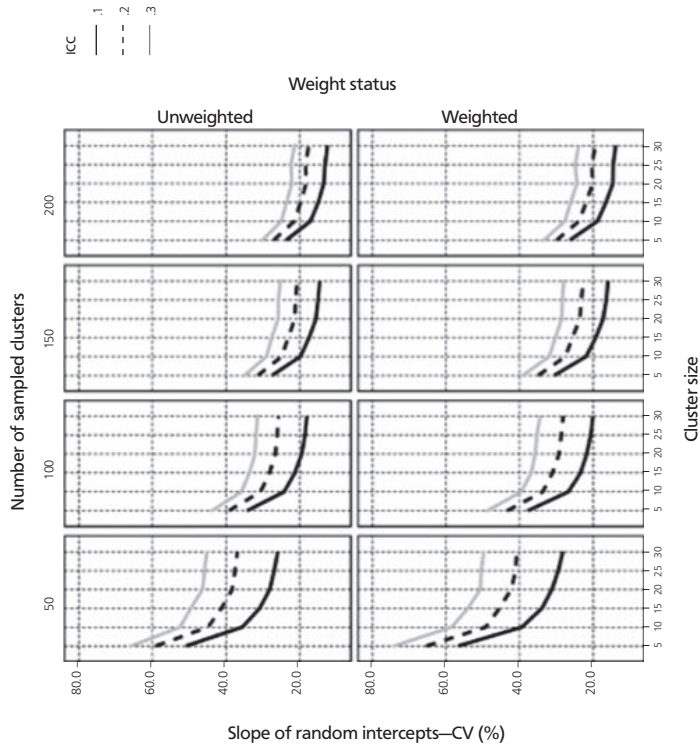


Figure A32: CV (%) of the slope of random intercepts: Model 3, Covariance Case 2 (10 at within and 20 at between level; graphical representation of second part of Table A20)

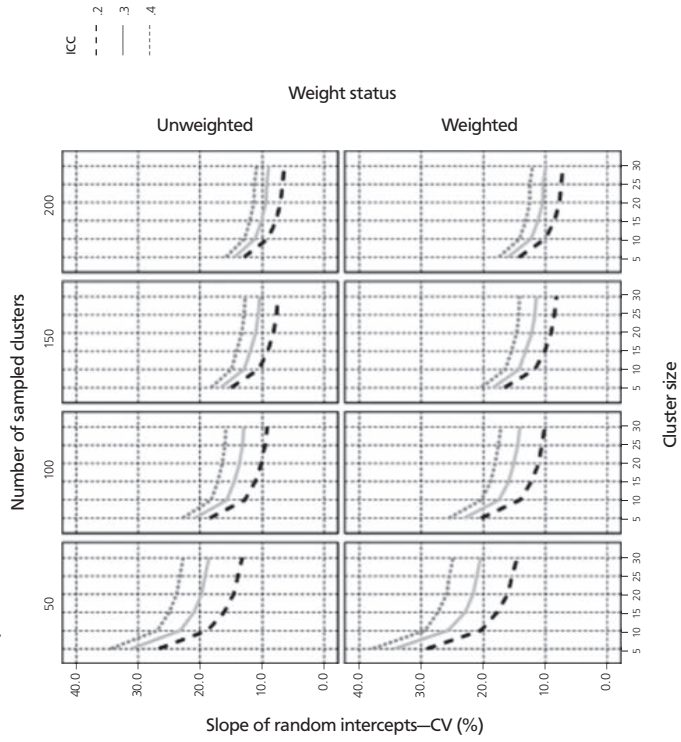


Table A21: Results of curve estimation for the CV (%) of the slope of random intercepts: quadratic equations (model summary and parameter estimates, Model 3; the independent variable is number of sampled clusters)

Covariance structure	ICC	Cluster size	Weight status											
			Unweighted						Weighted					
			Model summary			Parameter estimates			Model summary			Parameter estimates		
			R square	Sig.	Constant	b1	b2	R square	Sig.	Constant	b1	b2		
Covariance Case 1 (20 at within and 10 at between level)	.1	5	.995	.071	72.1	-0.495	1.27E-03	.993	.083	80.7	-0.563	1.47E-03		
		10	.993	.082	50.0	-0.336	8.66E-04	.993	.084	55.2	-0.371	9.52E-04		
		15	.994	.079	42.8	-0.278	7.00E-04	.993	.083	47.0	-0.305	7.69E-04		
		20	.996	.060	39.2	-0.257	6.44E-04	.997	.057	43.3	-0.279	6.83E-04		
		25	.996	.065	37.8	-0.252	6.50E-04	.998	.045	41.3	-0.273	7.01E-04		
		30	.996	.063	36.0	-0.232	5.74E-04	.998	.044	38.9	-0.246	6.08E-04		
	.2	5	.994	.075	84.6	-0.596	1.55E-03	.993	.082	93.2	-0.652	1.69E-03		
		10	.994	.077	63.1	-0.423	1.08E-03	.994	.077	68.9	-0.461	1.19E-03		
		15	.993	.086	57.6	-0.381	9.67E-04	.991	.092	63.2	-0.416	1.05E-03		
		20	.996	.061	53.4	-0.349	8.71E-04	.995	.069	58.7	-0.381	9.47E-04		
		25	.996	.064	52.4	-0.344	8.73E-04	.996	.060	57.1	-0.374	9.54E-04		
		30	.996	.063	51.1	-0.329	8.09E-04	.996	.067	56.8	-0.372	9.32E-04		
	.3	5	.994	.074	93.9	-0.657	1.70E-03	.993	.084	106.3	-0.755	1.96E-03		
		10	.994	.074	73.8	-0.495	1.27E-03	.995	.074	82.6	-0.565	1.46E-03		
		15	.992	.088	69.4	-0.464	1.18E-03	.992	.087	75.7	-0.507	1.31E-03		
20		.996	.063	64.5	-0.421	1.05E-03	.997	.051	69.8	-0.442	1.08E-03			
25		.996	.064	63.8	-0.418	1.06E-03	.997	.056	70.1	-0.457	1.16E-03			
30		.996	.066	62.5	-0.400	9.82E-04	.994	.074	69.0	-0.448	1.12E-03			

Table A21: Results of curve estimation for the CV (%) of the slope of random intercepts: quadratic equations (model summary and parameter estimates, Model 3; the independent variable is number of sampled clusters) (contd.)

Covariance structure	ICC	Cluster size	Weight status												
			Unweighted						Weighted						
			Model summary		Parameter estimates		Parameter estimates		Model summary		Parameter estimates		Parameter estimates		
R square	Sig.	Constant	b1	b2	R square	Sig.	Constant	b1	b2	R square	Sig.	Constant	b1	b2	
Covariance Case 2 (10 at within and 20 at between level)	.2	5	.995	.071	37.1	-0.242	6.12E-04	.995	.071	40.1	-0.256	6.38E-04			
		10	.992	.089	26.3	-0.176	4.53E-04	.992	.090	28.1	-0.181	4.58E-04			
		15	.994	.080	22.4	-0.145	3.64E-04	.993	.086	24.6	-0.159	3.95E-04			
		20	.995	.069	20.3	-0.132	3.31E-04	.993	.083	22.2	-0.144	3.61E-04			
		25	.996	.062	19.6	-0.132	3.39E-04	.996	.065	21.5	-0.144	3.70E-04			
	30	.995	.070	18.3	-0.118	2.97E-04	.995	.073	20.2	-0.132	3.36E-04				
	.3	5	.995	.072	44.0	-0.304	7.86E-04	.996	.066	48.7	-0.337	8.73E-04			
		10	.992	.091	32.6	-0.220	5.69E-04	.993	.081	36.2	-0.245	6.31E-04			
		15	.993	.085	29.0	-0.187	4.67E-04	.992	.090	31.5	-0.200	4.97E-04			
		20	.995	.070	27.5	-0.179	4.48E-04	.996	.064	30.0	-0.194	4.82E-04			
		25	.995	.067	27.0	-0.182	4.69E-04	.996	.066	29.6	-0.201	5.25E-04			
	30	.996	.062	25.7	-0.166	4.12E-04	.995	.069	28.5	-0.188	4.79E-04				
	.4	5	.994	.077	49.3	-0.348	9.12E-04	.996	.064	53.7	-0.368	9.41E-04			
		10	.992	.088	37.8	-0.256	6.61E-04	.995	.071	41.0	-0.270	6.83E-04			
		15	.992	.091	34.6	-0.225	5.64E-04	.993	.086	37.9	-0.246	6.17E-04			
20		.995	.069	33.1	-0.215	5.37E-04	.996	.064	35.8	-0.230	5.70E-04				
25		.995	.069	32.6	-0.218	5.60E-04	.995	.069	35.7	-0.238	6.15E-04				
30	.996	.062	31.5	-0.203	5.03E-04	.992	.088	34.4	-0.223	5.60E-04					

Figure A33: CV (%) of the slope of random intercepts: Model 3, Covariance Case 1 (20 at within and 10 at between level; graphical representation of first part of Table A21)

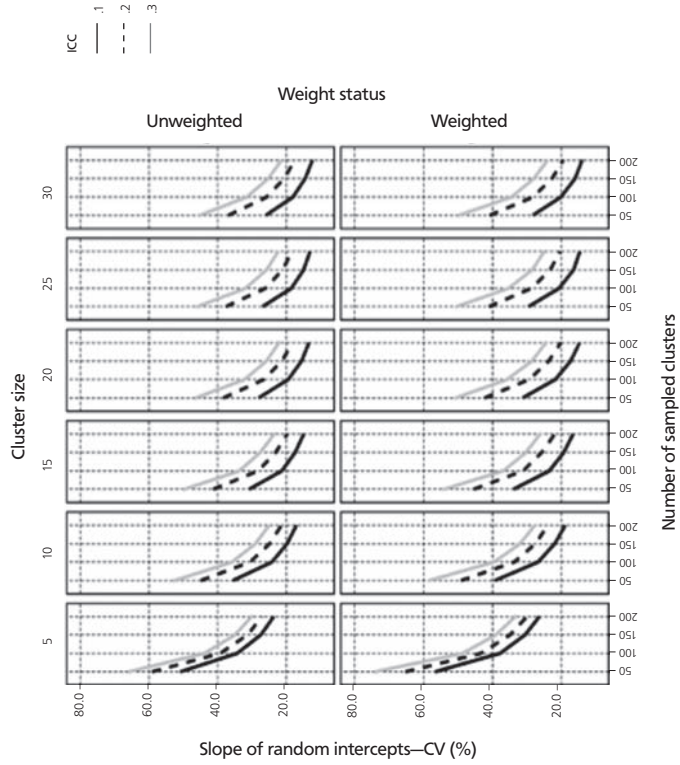


Figure A34: CV (%) of the slope of random intercepts: Model 3, Covariance Case 2 (10 at within and 20 at between level; graphical representation of second part of Table A21)

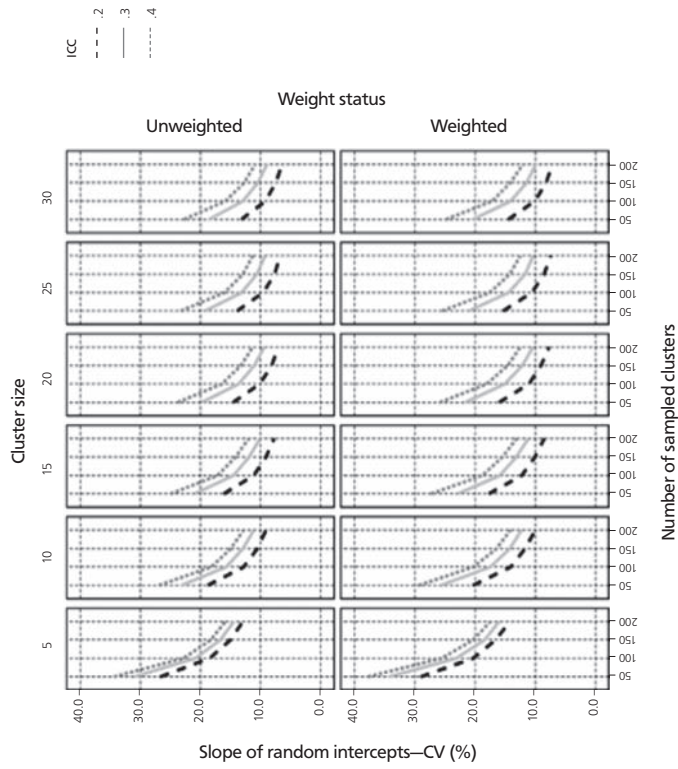


Table A22: Results of curve estimation for the CV (%) of the slope of random intercepts: quadratic equations (model summary and parameter estimates, Model 4; the independent variable is cluster size)

Covariance structure	ICC	Number of sampled clusters	Weight status											
			Unweighted						Weighted					
			Model summary			Parameter estimates			Model summary			Parameter estimates		
			R square	Sig.	Constant	b1	b2	R square	Sig.	Constant	b1	b2		
Covariance Case 1 (20 at within and 10 at between level)	.1	50	.930	.019	271.6	-6.54	0.112	.956	.009	285.1	-6.26	0.104		
		100	.986	.002	256.1	-10.32	0.202	.995	.000	258.1	-9.30	0.180		
		150	.988	.001	223.2	-9.55	0.186	.987	.001	244.5	-10.32	0.198		
		200	.978	.003	207.8	-9.45	0.186	.989	.001	224.2	-10.01	0.197		
	.2	50	.860	.052	325.1	-6.30	0.113	.619	.235	343.6	-6.95	0.145		
		100	.956	.009	285.3	-9.89	0.205	.953	.010	299.6	-9.59	0.195		
		150	.946	.013	243.1	-8.83	0.182	.972	.005	257.6	-8.29	0.162		
		200	.963	.007	214.0	-7.75	0.157	.960	.008	240.0	-8.73	0.175		
	.3	50	.592	.260	355.1	-4.06	0.058	.495	.359	384.2	-4.61	0.085		
		100	.905	.029	307.6	-9.11	0.193	.914	.025	336.1	-9.62	0.202		
		150	.935	.017	254.9	-7.64	0.166	.950	.011	293.9	-9.76	0.213		
		200	.914	.025	228.7	-7.36	0.161	.923	.021	247.8	-7.67	0.169		

Table A22: Results of curve estimation for the CV (%) of the slope of random intercepts: quadratic equations (model summary and parameter estimates, Model 4; the independent variable is cluster size) (contd.)

Covariance structure	ICC	Number of sampled clusters	Weight status											
			Unweighted						Weighted					
			Model summary			Parameter estimates			Model summary			Parameter estimates		
			R square	Sig.	Constant	b1	b2	R square	Sig.	Constant	b1	b2		
Covariance Case 2 (10 at within and 20 at between level)	.2	50	.965	.006	46.4	-2.26	0.044	.965	.007	50.4	-2.43	0.048		
		100	.958	.008	34.1	-1.76	0.035	.959	.008	36.7	-1.85	0.037		
		150	.964	.007	27.9	-1.45	0.029	.964	.007	30.7	-1.58	0.031		
		200	.962	.007	24.3	-1.26	0.025	.961	.008	26.6	-1.38	0.028		
	.3	50	.955	.010	51.4	-2.23	0.045	.956	.009	56.2	-2.45	0.050		
		100	.950	.011	35.3	-1.53	0.031	.956	.009	38.8	-1.67	0.033		
		150	.960	.008	28.3	-1.19	0.024	.965	.007	31.3	-1.32	0.026		
		200	.959	.008	24.9	-1.09	0.022	.959	.008	27.6	-1.21	0.024		
	.4	50	.947	.012	54.1	-2.07	0.042	.947	.012	59.2	-2.29	0.047		
		100	.949	.011	36.2	-1.33	0.027	.953	.010	40.7	-1.54	0.031		
		150	.964	.007	29.2	-1.04	0.021	.964	.007	32.6	-1.21	0.025		
		200	.959	.008	25.6	-0.96	0.020	.956	.009	28.2	-1.06	0.022		

Figure A35: CV (%) of the slope of random intercepts: Model 4, Covariance Case 1 (20 at within and 10 at between level; graphical representation of first part of Table A22)

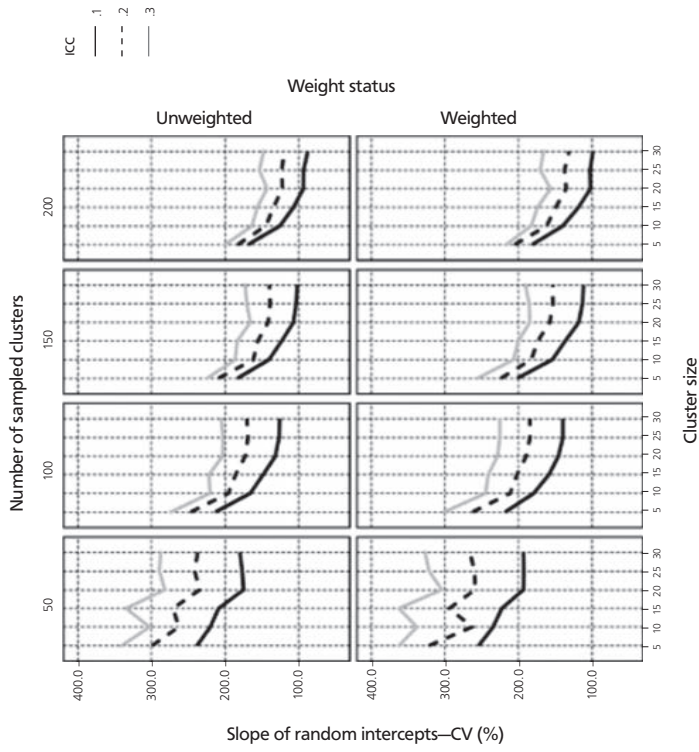


Figure A36: CV (%) of the slope of random intercepts: Model 4, Covariance Case 2 (10 at within and 20 at between level; graphical representation of second part of Table A22)

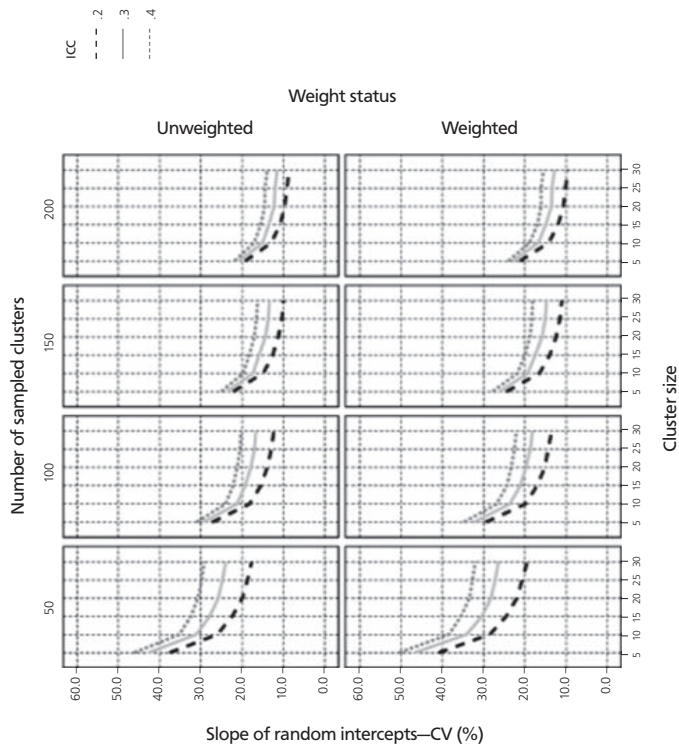


Table A23: Results of curve estimation for the CV (%) of the slope of random intercepts: quadratic equations (model summary and parameter estimates, Model 4; the independent variable is number of sampled clusters)

Covariance structure	ICC	Cluster size	Weight status											
			Unweighted						Weighted					
			Model summary			Parameter estimates			Model summary			Parameter estimates		
			R square	Sig.	Constant	b1	b2	R square	Sig.	Constant	b1	b2		
Covariance Case 1 (20 at within and 10 at between level)	.1	5	.993	.086	273.7	-0.743	1.07E-03	.992	.091	292.2	-0.866	1.59E-03		
		10	.997	.055	289.6	-1.606	3.95E-03	.997	.058	305.6	-1.645	4.11E-03		
		15	.994	.075	285.0	-1.773	4.45E-03	.988	.108	300.0	-1.816	4.59E-03		
		20	.999	.029	231.3	-1.283	2.99E-03	.999	.026	253.9	-1.380	3.11E-03		
		25	.998	.050	243.5	-1.549	4.01E-03	.999	.033	264.7	-1.666	4.29E-03		
		30	.996	.065	248.5	-1.594	3.97E-03	.999	.032	264.7	-1.645	4.09E-03		
	.2	5	1.000	.008	364.3	-1.439	2.67E-03	1.000	.003	400.8	-1.787	4.05E-03		
		10	.998	.040	351.7	-2.042	5.05E-03	.998	.044	326.6	-1.441	3.10E-03		
		15	.990	.099	376.2	-2.473	6.38E-03	.985	.121	404.7	-2.613	6.76E-03		
		20	.998	.050	312.4	-1.791	4.22E-03	.996	.067	345.5	-1.994	4.75E-03		
		25	.996	.067	334.9	-2.182	5.65E-03	.995	.069	357.1	-2.281	5.95E-03		
		30	.996	.065	320.9	-1.927	4.63E-03	.991	.092	366.7	-2.353	5.94E-03		
.3	5	1.000	.016	429.6	-1.994	4.22E-03	1.000	.020	432.2	-1.523	2.23E-03			
	10	.994	.078	405.4	-2.386	5.93E-03	.994	.079	456.4	-2.753	6.97E-03			
	15	.989	.105	473.8	-3.277	8.53E-03	.990	.101	514.6	-3.586	9.50E-03			
	20	.997	.054	381.8	-2.304	5.58E-03	.999	.032	400.2	-2.173	4.79E-03			
	25	.993	.083	400.2	-2.604	6.90E-03	.996	.060	450.0	-3.009	8.09E-03			
	30	.992	.090	387.7	-2.330	5.70E-03	.990	.101	453.2	-2.967	7.72E-03			

Table A23: Results of curve estimation for the CV (%) of the slope of random intercepts: quadratic equations (model summary and parameter estimates, Model 4; the independent variable is number of sampled clusters) (contd.)

Covariance structure	ICC	Cluster size	Weight status											
			Unweighted						Weighted					
			Model summary		Parameter estimates		Parameter estimates		Model summary		Parameter estimates		Parameter estimates	
R square	Sig.	Constant	b1	b2	R square	Sig.	Constant	b1	b2					
Covariance Case 2 (10 at within and 20 at between level)	.2	5	.998	.049	50.7	-0.303	7.32E-04	.995	.071	55.2	-0.332	8.16E-04		
		10	.995	.070	35.9	-0.230	5.82E-04	.993	.084	39.3	-0.252	6.37E-04		
		15	.994	.075	31.2	-0.204	5.16E-04	.994	.079	33.8	-0.216	5.40E-04		
		20	.996	.065	27.6	-0.177	4.41E-04	.994	.078	30.3	-0.197	4.95E-04		
		25	.997	.053	26.3	-0.176	4.56E-04	.997	.056	28.9	-0.192	4.95E-04		
	30	.995	.070	24.5	-0.159	3.99E-04	.994	.075	26.8	-0.174	4.39E-04			
	.3	5	.996	.064	60.0	-0.402	1.03E-03	.996	.064	65.3	-0.433	1.11E-03		
		10	.994	.080	43.7	-0.293	7.56E-04	.995	.073	47.4	-0.310	7.90E-04		
		15	.993	.086	38.5	-0.247	6.18E-04	.992	.089	41.8	-0.267	6.69E-04		
		20	.996	.064	35.8	-0.232	5.76E-04	.997	.059	39.0	-0.250	6.17E-04		
		25	.996	.063	35.0	-0.238	6.17E-04	.996	.062	38.4	-0.263	6.91E-04		
	30	.996	.060	33.3	-0.217	5.42E-04	.995	.070	36.9	-0.245	6.26E-04			
	.4	5	.994	.077	65.6	-0.455	1.19E-03	.996	.062	70.8	-0.471	1.19E-03		
		10	.993	.084	49.3	-0.330	8.50E-04	.995	.068	53.2	-0.343	8.61E-04		
		15	.992	.091	45.0	-0.293	7.37E-04	.993	.085	49.3	-0.322	8.09E-04		
20		.995	.068	42.8	-0.280	6.99E-04	.996	.062	46.3	-0.298	7.39E-04			
25		.996	.066	41.9	-0.281	7.23E-04	.995	.069	45.8	-0.307	7.95E-04			
30	.996	.061	40.6	-0.264	6.59E-04	.993	.083	44.5	-0.291	7.35E-04				

Figure A37: CV (%) of the slope of random intercepts: Model 4, Covariance Case 1 (20 at within and 10 at between level; graphical representation of first part of Table A23)

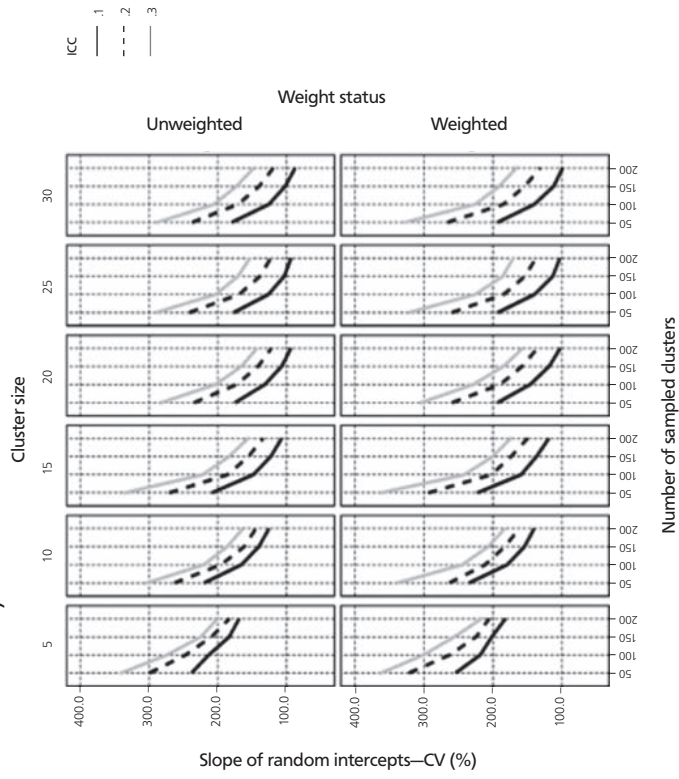


Figure A38: CV (%) of the slope of random intercepts: Model 4, Covariance Case 2 (10 at within and 20 at between level; graphical representation of second part of Table A23)

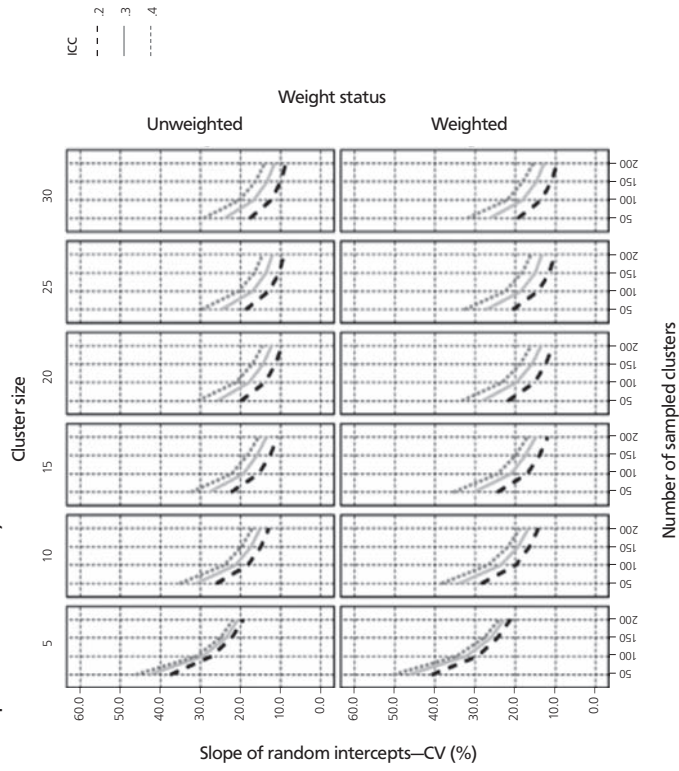


Table A24: Results of curve estimation for the CV (%) of the mean of random slopes: quadratic equations (model summary and parameter estimates, Model 4; the independent variable is cluster size)

Covariance structure	ICC	Number of sampled clusters	Weight status											
			Unweighted						Weighted					
			Model summary		Parameter estimates				Model summary		Parameter estimates			
R square	Sig.	Constant	b1	b2		R square	Sig.	Constant	b1	b2				
Covariance Case 1 (20 at within and 10 at between level)	.1	50	.962	.007	47.6	-2.97	0.059	.960	.008	52.0	-3.25	0.065		
		100	.965	.006	31.5	-1.92	0.038	.964	.007	34.7	-2.12	0.042		
		150	.966	.006	24.9	-1.48	0.029	.966	.006	26.7	-1.57	0.031		
		200	.963	.007	20.8	-1.22	0.024	.970	.005	21.9	-1.25	0.024		
	.2	50	.965	.006	42.3	-2.60	0.052	.933	.017	45.3	-2.81	0.057		
		100	.967	.006	28.3	-1.69	0.034	.972	.005	30.7	-1.81	0.036		
		150	.967	.006	22.9	-1.35	0.027	.969	.006	24.5	-1.42	0.028		
		200	.965	.007	18.9	-1.08	0.021	.967	.006	20.4	-1.16	0.023		
.3	50	.963	.007	38.0	-2.30	0.046	.960	.008	41.2	-2.46	0.049			
	100	.967	.006	25.3	-1.46	0.029	.963	.007	27.4	-1.58	0.031			
	150	.959	.008	20.8	-1.21	0.024	.959	.008	22.3	-1.28	0.025			
	200	.961	.008	17.4	-0.99	0.019	.962	.007	19.0	-1.08	0.021			

Table A24: Results of curve estimation for the CV (%) of the mean of random slopes: quadratic equations (model summary and parameter estimates, Model 4; the independent variable is cluster size) (contd.)

Covariance structure	ICC	Number of sampled clusters	Weight status											
			Unweighted						Weighted					
			Model summary			Parameter estimates			Model summary			Parameter estimates		
			R square	Sig.	Constant	b1	b2	R square	Sig.	Constant	b1	b2		
Covariance Case 2 (10 at within and 20 at between level)	.2	50	.969	.005	80.7	-4.72	0.094	.970	.005	86.6	-4.96	0.097		
		100	.970	.005	55.1	-3.20	0.064	.971	.005	61.6	-3.58	0.072		
		150	.963	.007	44.6	-2.58	0.052	.965	.007	49.9	-2.89	0.058		
		200	.963	.007	37.6	-2.14	0.043	.963	.007	41.8	-2.37	0.047		
	.3	50	.968	.006	71.9	-4.08	0.078	.966	.006	79.0	-4.47	0.086		
		100	.972	.005	50.0	-2.75	0.052	.968	.006	54.7	-3.02	0.057		
		150	.964	.007	40.3	-2.20	0.041	.966	.006	43.7	-2.36	0.044		
		200	.952	.010	34.1	-1.81	0.034	.958	.009	37.9	-2.03	0.038		
.4	50	.973	.004	66.3	-3.83	0.074	.972	.005	71.9	-4.14	0.081			
	100	.981	.003	45.8	-2.58	0.049	.982	.002	49.4	-2.73	0.052			
	150	.980	.003	37.5	-2.12	0.041	.982	.002	40.5	-2.26	0.043			
	200	.978	.003	31.9	-1.78	0.034	.979	.003	34.9	-1.94	0.037			

Figure A39: CV (%) of the mean of random slopes: Model 4, Covariance Case 1 (20 at within and 10 at between level; graphical representation of first part of Table A24)

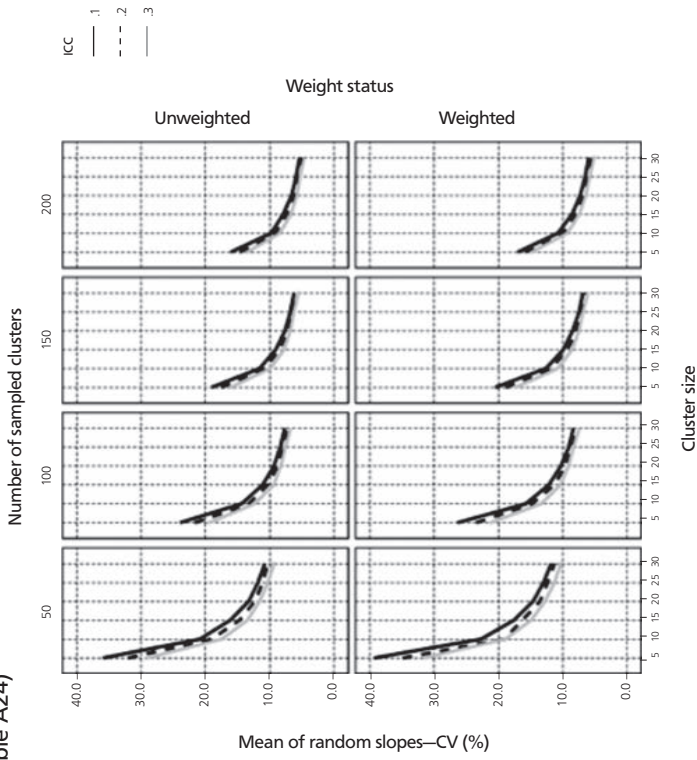


Figure A40: CV (%) of the mean of random slopes: Model 4, Covariance Case 2 (10 at within and 20 at between level; graphical representation of second part of Table A24)

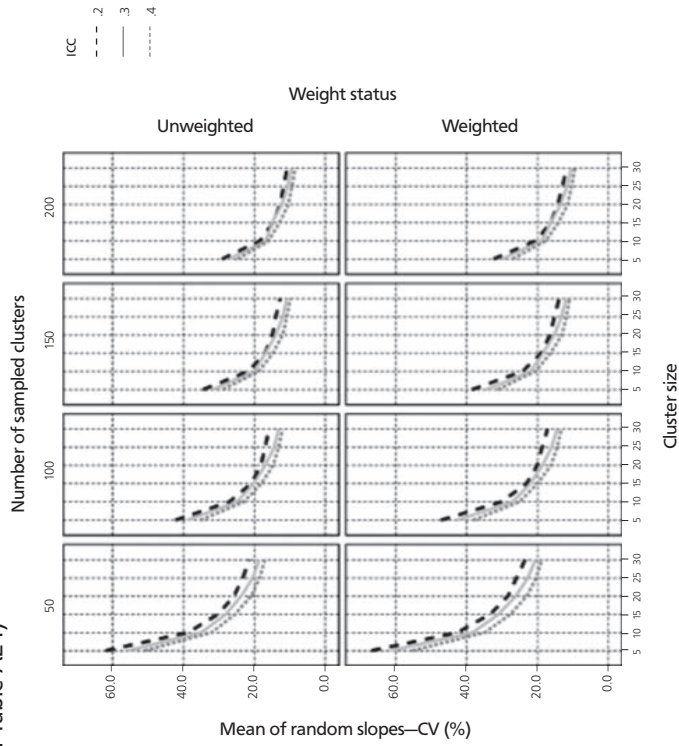


Table A25: Results of curve estimation for the CV (%) of the mean of random slopes: quadratic equations (model summary and parameter estimates, Model 4; the independent variable is number of sampled clusters)

Covariance structure	ICC	Cluster size	Weight status												
			Unweighted						Weighted						
			Model summary		Parameter estimates		Model summary		Parameter estimates		Model summary		Parameter estimates		
R square	Sig.	Constant	b1	b2	R square	Sig.	Constant	b1	b2	R square	Sig.	Constant	b1	b2	
Covariance Case 1 (20 at within and 10 at between level)	.1	5	.994	.074	51.2	-0.354	9.00E-04	.996	.061	55.8	-0.382	9.44E-04			
		10	.995	.069	29.0	-0.189	4.67E-04	.996	.062	31.5	-0.205	5.09E-04			
		15	.994	.075	22.6	-0.150	3.86E-04	.995	.071	24.5	-0.160	4.06E-04			
		20	.996	.066	18.3	-0.117	2.92E-04	.995	.073	20.0	-0.126	3.11E-04			
		25	.996	.060	16.3	-0.103	2.57E-04	.994	.074	18.0	-0.117	2.99E-04			
	30	.996	.063	14.8	-0.092	2.28E-04	.996	.065	16.1	-0.101	2.51E-04				
	.2	5	.992	.087	44.8	-0.298	7.44E-04	.993	.081	49.2	-0.334	8.42E-04			
		10	.994	.075	26.2	-0.166	4.06E-04	1.000	.006	24.5	-0.122	2.45E-04			
		15	.995	.072	20.2	-0.129	3.24E-04	.994	.078	22.5	-0.146	3.71E-04			
		20	.995	.067	16.8	-0.104	2.54E-04	.996	.063	18.5	-0.115	2.85E-04			
25		.997	.058	15.1	-0.094	2.33E-04	.996	.060	16.9	-0.106	2.60E-04				
.3	30	.996	.062	14.2	-0.089	2.18E-04	.997	.058	15.5	-0.097	2.37E-04				
	5	.989	.104	40.7	-0.275	6.99E-04	.992	.088	44.6	-0.305	7.88E-04				
	10	.997	.054	23.9	-0.149	3.59E-04	.997	.055	26.0	-0.165	4.08E-04				
	15	.993	.086	18.6	-0.119	3.01E-04	.994	.078	20.6	-0.134	3.41E-04				
	20	.995	.069	15.7	-0.094	2.26E-04	.996	.067	17.4	-0.106	2.60E-04				
25	.997	.058	13.6	-0.076	1.74E-04	.997	.053	14.9	-0.084	1.91E-04					
30	.995	.067	12.5	-0.073	1.69E-04	.996	.064	13.8	-0.081	1.90E-04					

Table A25: Results of curve estimation for the CV (%) of the mean of random slopes: quadratic equations (model summary and parameter estimates, Model 4; the independent variable is number of sampled clusters) (contd.)

Covariance structure	ICC	Cluster size	Weight status											
			Unweighted						Weighted					
			Model summary			Parameter estimates			Model summary			Parameter estimates		
			R square	Sig.	Constant	b1	b2	R square	Sig.	Constant	b1	b2		
Covariance Case 2 (10 at within and 20 at between level)	.2	5	.993	.083	86.4	-0.570	1.43E-03	.995	.069	91.1	-0.561	1.35E-03		
		10	.996	.061	53.4	-0.340	8.29E-04	.997	.052	58.1	-0.358	8.56E-04		
		15	.995	.070	42.0	-0.275	6.95E-04	.994	.078	46.2	-0.299	7.51E-04		
		20	.995	.072	35.3	-0.221	5.46E-04	.996	.064	38.8	-0.243	6.06E-04		
		25	.996	.062	30.9	-0.175	4.01E-04	.997	.059	35.0	-0.209	4.97E-04		
	30	.999	.037	28.6	-0.162	3.67E-04	.998	.044	31.4	-0.182	4.23E-04			
	.3	5	.995	.071	77.0	-0.491	1.22E-03	.997	.059	85.6	-0.561	1.43E-03		
		10	.997	.053	47.6	-0.292	6.93E-04	.996	.061	52.5	-0.329	8.10E-04		
		15	.995	.069	38.0	-0.231	5.82E-04	.995	.074	42.2	-0.262	6.68E-04		
		20	.996	.060	32.4	-0.200	5.02E-04	.996	.060	35.9	-0.226	5.73E-04		
25		.994	.074	28.2	-0.181	4.65E-04	.995	.068	31.3	-0.199	5.07E-04			
.4	30	.995	.070	25.6	-0.162	4.12E-04	.995	.071	28.4	-0.182	4.63E-04			
	5	.993	.081	70.7	-0.459	1.16E-03	.994	.079	77.1	-0.508	1.30E-03			
	10	.997	.059	43.4	-0.262	6.29E-04	.997	.058	47.0	-0.280	6.74E-04			
	15	.996	.065	34.9	-0.219	5.47E-04	.997	.052	37.3	-0.223	5.39E-04			
	20	.996	.065	28.9	-0.184	4.63E-04	.997	.056	31.8	-0.205	5.18E-04			
	25	.995	.072	25.3	-0.157	3.90E-04	.995	.068	27.9	-0.176	4.43E-04			
	30	.996	.065	23.4	-0.147	3.66E-04	.996	.066	25.6	-0.159	3.95E-04			

Figure A41: CV (%) of the mean of random slopes: Model 4, Covariance Case 1 (20 at within and 10 at between level); graphical representation of first part of Table A25)

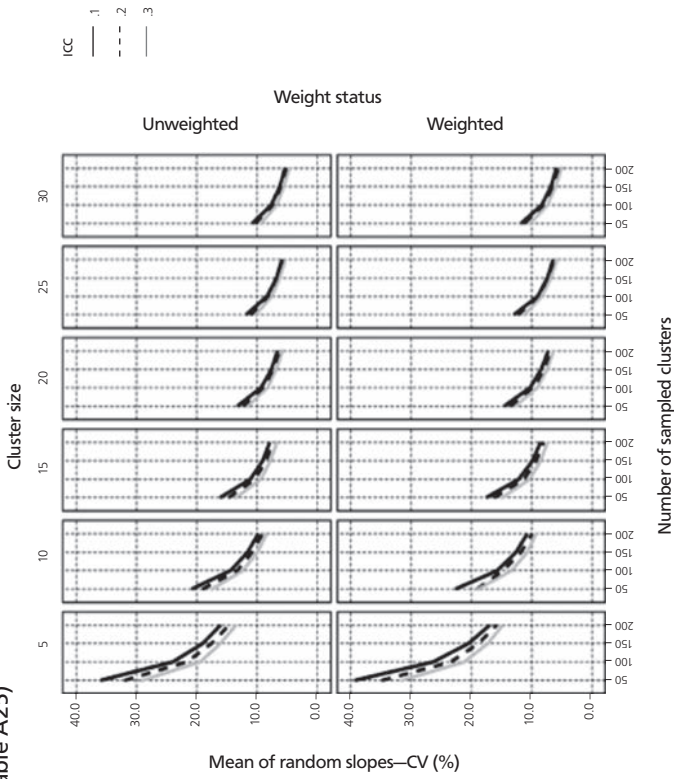


Figure A42: CV (%) of the mean of random slopes: Model 4, Covariance Case 2 (10 at within and 20 at between level; graphical representation of second part of Table A25)

