Percentage Biases of the Six Effect Size Measures Across the Simulation Conditions

$\Theta = 1$

			b = .25					*b* = .50					*b* = .75				
δ	*SR*	*N*	*d*	d_r	r_{pb}	*CL*	A_w	*d*	d_r	r_{pb}	*CL*	A_w	*d*	d_r	r_{pb}	*CL*	A_w
0	1	50	-.006	-.004	-.002	-.005	-.003	-.001	-.001	.000	-.001	.000	.003	.006	.001	.002	.003
		100	.000	-.001	.000	.000	.000	.001	.002	.001	.001	.001	-.007	-.006	-.003	-.006	-.004
		300	-.001	-.001	.000	-.001	.000	.001	.001	.001	.001	.001	.000	-.001	.000	.000	.000
	4	50	-.001	-.001	-.001	-.001	-.001	.002	.000	.001	.001	.000	-.004	-.003	-.002	-.003	-.002
		100	-.001	-.002	.000	-.001	-.001	.001	.001	.000	.001	.001	.001	.001	.000	.001	.001
		300	.001	.000	.000	.001	.000	.000	.000	.000	.000	.000	-.001	.000	.000	-.001	.000
	.25	50	-.011	-.015	-.004	-.008	-.005	.000	.000	.000	.000	.000	.002	.003	.001	.002	.002
		100	-.002	-.003	-.001	-.002	-.002	-.006	-.008	-.003	-.005	-.004	-.001	-.001	.000	-.001	.000
		300	-.007	-.007	-.003	-.005	-.003	-.002	-.001	-.001	-.001	-.001	-.001	-.001	.000	-.001	-.001
.20	1	50	.020	-.014	**-.154**	.036	.000	.012	.053	-.017	.037	.000	.011	-.017	**-.160**	.036	.000
		100	.001	.024	**-.145**	.038	.000	.017	.032	.001	.041	.001	.019	.034	**-.129**	.040	.001
		300	-.009	-.001	**-.145**	.039	-.001	.006	.007	.001	.041	.000	-.001	.006	**-.138**	.040	.000
	4	50	.021	-.002	**-.132**	.041	.021	.040	**.101**	.008	.041	.003	.093	.055	**-.155**	.032	-.025
		100	.015	.030	**-.123**	.042	.021	.003	.029	-.012	.039	-.001	-.002	.023	**-.174**	.032	-.029
		300	.002	.008	**-.132**	.041	.020	-.005	.002	-.010	.040	-.001	-.001	.016	**-.147**	.038	-.026
	.25	50	.073	.024	**-.171**	.029	-.027	.034	.091	.002	.040	.001	.022	.002	**-.131**	.041	.021
		100	.038	.081	**-.142**	.037	-.025	.002	.025	-.013	.039	-.002	.009	.028	**-.128**	.041	.020
		300	-.004	.009	**-.150**	.038	-.027	-.001	.003	-.006	.040	-.001	.001	.009	**-.133**	.041	.020
.50	1	50	.026	.000	**-.142**	.075	.002	.003	.031	-.024	.073	-.003	.023	-.005	**-.144**	.075	.001
		100	.007	.021	**-.134**	.078	.000	.001	.017	-.013	.078	-.001	.006	.020	**-.135**	.077	-.001
		300	.006	.011	**-.127**	.083	.001	.003	.008	-.002	.082	.000	-.002	.004	**-.133**	.081	-.001
	4	50	.024	.005	**-.124**	.084	.045	.029	.077	-.004	.079	.000	.036	.016	**-.189**	.052	-.060
		100	.009	.021	**-.122**	.083	.041	.012	.035	-.003	.081	-.001	.028	.062	**-.144**	.071	-.055
		300	.003	.009	**-.126**	.083	.041	.004	.011	-.001	.083	.000	.005	.017	**-.136**	.078	-.054
	.25	50	.060	.033	**-.171**	.058	-.056	.031	.080	-.002	.079	.001	.020	.003	**-.127**	.083	.045
		100	.016	.053	**-.153**	.068	-.055	.014	.039	-.002	.081	.001	.010	.027	**-.121**	.083	.042
		300	.005	.017	**-.136**	.078	-.054	.005	.011	.000	.083	.000	.005	.009	**-.125**	.084	.042
.80	1	50	.016	-.014	**-.139**	.091	.000	.020	.052	-.007	.096	.001	.015	-.017	**-.141**	.090	-.001
		100	.008	.023	**-.123**	.097	.000	.006	.022	-.007	.098	.000	.005	.022	**-.126**	.096	-.001
		300	.000	.005	**-.122**	**.101**	.000	.004	.008	-.001	**.102**	.000	.002	.007	**-.121**	**.101**	.000
	4	50	.024	.006	**-.116**	**.103**	.057	.029	.078	-.001	.098	.001	.046	.024	**-.168**	.068	-.078
		100	.009	.025	**-.114**	**.103**	.053	.017	.039	.002	**.102**	.001	.026	.063	**-.134**	.088	-.071
		300	.003	.008	**-.117**	**.103**	.052	.007	.014	.002	**.103**	.001	.007	.019	**-.125**	.098	-.071
	.25	50	.050	.027	**-.166**	.069	-.077	.037	.088	.004	.099	.002	.017	-.003	**-.121**	**.101**	.055
		100	.019	.063	**-.140**	.086	-.073	.013	.035	-.002	**.100**	.000	.010	.026	**-.113**	**.103**	.053
		300	.010	.022	**-.123**	.099	-.070	.003	.011	-.001	**.102**	.000	.004	.010	**-.116**	**.104**	.053
1.5	1	50	.013	-.017	**-.109**	.079	-.001	.018	.051	-.005	.083	.001	.021	-.008	**-.104**	.080	.002
		100	.006	.020	-.097	.085	-.001	.008	.024	-.003	.087	.000	.007	.022	-.096	.085	.000
		300	.003	.008	-.093	.089	.000	.002	.007	-.001	.089	.000	.003	.007	-.093	.089	.000
	4	50	.022	.003	-.092	.088	.054	.026	.072	-.003	.083	-.001	.045	.022	**-.129**	.061	-.090
		100	.009	.024	-.089	.089	.051	.013	.034	-.001	.087	.000	.020	.060	**-.106**	.076	-.084
		300	.003	.007	-.091	.090	.050	.004	.012	-.001	.089	.000	.005	.017	-.098	.085	-.083
	.25	50	.049	.026	**-.127**	.062	-.089	.028	.076	-.002	.083	.000	.019	-.001	-.093	.087	.053
		100	.019	.057	**-.107**	.076	-.084	.014	.036	.000	.087	.000	.009	.022	-.089	.089	.050
		300	.006	.018	-.097	.086	-.082	.004	.011	.000	.089	.000	.003	.009	-.091	.090	.050

			$\Theta = 2$														
			$b = .25$					$b = .50$					$b = .75$				
δ	SR	N	d	d_r	r_{pb}	CL	A_w	d	d_r	r_{pb}	CL	A_w	d	d_r	r_{pb}	CL	A_w
0	1	50	-.007	-.005	-.003	-.006	-.003	-.001	-.001	.000	.000	.000	.002	.006	.001	.002	.003
		100	.000	-.001	.000	.000	.000	.001	.002	.000	.001	.001	-.008	-.006	-.003	-.006	-.004
		300	-.001	-.001	.000	-.001	.000	.001	.001	.000	.001	.001	.000	-.001	.000	.000	.000
	4	50	-.001	-.001	-.001	-.001	-.001	.002	.000	.001	.002	.000	-.004	-.002	-.001	-.003	-.002
		100	-.001	-.002	.000	-.001	-.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001
		300	.001	.000	.000	.001	.000	.000	.000	.000	.000	.000	-.001	.000	-.001	-.001	.000
	.25	50	-.010	-.014	-.004	-.007	-.005	.000	.000	.000	.000	.000	.002	.003	.001	.001	.002
		100	-.002	-.003	-.001	-.001	-.002	-.006	-.008	-.003	-.004	-.004	-.001	-.001	-.001	-.001	.000
		300	-.006	-.007	-.003	-.005	-.003	-.002	-.001	-.001	-.001	-.001	-.001	-.001	.000	.000	-.001
.20	1	50	**-.224**	-.092	**-.355**	.004	-.011	**-.190**	-.010	**-.213**	.010	-.009	**-.179**	-.040	**-.318**	.010	-.006
		100	**-.205**	-.029	**-.320**	.009	-.009	**-.198**	-.017	**-.208**	.011	-.008	**-.241**	-.053	**-.351**	.004	-.012
		300	**-.220**	-.041	**-.326**	.009	-.009	**-.210**	-.030	**-.213**	.011	-.008	**-.218**	-.041	**-.324**	.010	-.009
	4	50	**-.185**	-.051	**-.306**	.013	.018	**-.155**	.025	**-.180**	.015	-.003	**-.157**	-.045	**-.343**	.003	-.032
		100	**-.205**	-.029	**-.312**	.011	.016	**-.186**	-.006	**-.196**	.013	-.002	**-.169**	.018	**-.311**	.009	-.027
		300	**-.209**	-.036	**-.314**	.012	.017	**-.211**	-.032	**-.213**	.011	-.003	**-.211**	-.025	**-.325**	.009	-.028
	.25	50	**-.197**	**-.110**	**-.375**	-.002	-.034	**-.167**	.025	**-.192**	.013	-.003	**-.174**	-.037	**-.296**	.014	.020
		100	**-.187**	.000	**-.325**	.007	-.030	**-.219**	-.049	**-.229**	.008	-.007	**-.205**	-.023	**-.312**	.011	.017
		300	**-.237**	-.066	**-.348**	.005	-.031	**-.220**	-.038	**-.222**	.010	-.004	**-.216**	-.040	**-.320**	.010	.016
.50	1	50	**-.203**	-.079	**-.328**	.013	-.021	**-.188**	-.006	**-.204**	.021	-.020	**-.185**	-.057	**-.313**	.018	-.018
		100	**-.204**	-.027	**-.310**	.020	-.019	**-.200**	-.022	**-.204**	.022	-.019	**-.218**	-.034	**-.322**	.015	-.022
		300	**-.217**	-.038	**-.314**	.020	-.020	**-.213**	-.034	**-.208**	.022	-.019	**-.216**	-.038	**-.314**	.020	-.020
	4	50	**-.181**	-.048	**-.295**	.027	.035	**-.161**	.025	**-.179**	.028	-.008	**-.145**	-.037	**-.325**	.008	-.065
		100	**-.202**	-.024	**-.300**	.024	.032	**-.188**	-.009	**-.193**	.025	-.007	**-.174**	.015	**-.306**	.018	-.059
		300	**-.212**	-.036	**-.307**	.023	.032	**-.211**	-.033	**-.206**	.022	-.008	**-.207**	-.025	**-.313**	.020	-.059
	.25	50	**-.166**	-.066	**-.341**	.003	-.067	**-.166**	.025	**-.184**	.026	-.007	**-.178**	-.046	**-.292**	.028	.035
		100	**-.181**	.008	**-.312**	.016	-.060	**-.202**	-.026	**-.206**	.021	-.010	**-.201**	-.021	**-.300**	.024	.032
		300	**-.219**	-.043	**-.323**	.016	-.062	**-.215**	-.035	**-.210**	.021	-.008	**-.214**	-.037	**-.309**	.022	.032
.80	1	50	**-.198**	-.075	**-.308**	.018	-.029	**-.187**	-.005	**-.191**	.026	-.028	**-.186**	-.062	**-.299**	.022	-.026
		100	**-.204**	-.026	**-.294**	.025	-.027	**-.201**	-.023	**-.192**	.028	-.026	**-.212**	-.030	**-.301**	.022	-.029
		300	**-.216**	-.038	**-.298**	.026	-.027	**-.214**	-.035	**-.196**	.027	-.026	**-.216**	-.038	**-.298**	.026	-.027
	4	50	**-.180**	-.047	**-.279**	.033	.040	**-.163**	.025	**-.170**	.033	-.013	**-.142**	-.036	**-.307**	.010	-.086
		100	**-.201**	-.023	**-.285**	.030	.036	**-.189**	-.010	**-.182**	.031	-.012	**-.175**	.014	**-.292**	.022	-.080
		300	**-.213**	-.035	**-.293**	.028	.037	**-.211**	-.033	**-.194**	.028	-.013	**-.206**	-.026	**-.296**	.025	-.079
	.25	50	**-.158**	-.056	**-.319**	.005	-.089	**-.166**	.025	**-.174**	.032	-.012	**-.180**	-.048	**-.279**	.034	.040
		100	**-.180**	.010	**-.295**	.021	-.081	**-.198**	-.020	**-.190**	.028	-.015	**-.200**	-.021	**-.284**	.030	.037
		300	**-.214**	-.038	**-.303**	.022	-.082	**-.213**	-.034	**-.196**	.027	-.013	**-.214**	-.036	**-.294**	.028	.036
1.5	1	50	**-.194**	-.073	**-.254**	.017	-.038	**-.187**	-.004	**-.153**	.023	-.037	**-.187**	-.065	**-.250**	.019	-.037
		100	**-.203**	-.026	**-.244**	.023	-.037	**-.202**	-.024	**-.154**	.026	-.037	**-.207**	-.026	**-.247**	.022	-.039
		300	**-.215**	-.037	**-.247**	.025	-.037	**-.214**	-.036	**-.157**	.027	-.037	**-.216**	-.037	**-.247**	.025	-.037
	4	50	**-.180**	-.047	**-.233**	.029	.024	**-.164**	.025	**-.139**	.028	-.025	**-.140**	-.034	**-.255**	.005	**-.107**
		100	**-.201**	-.022	**-.236**	.028	.021	**-.190**	-.011	**-.148**	.028	-.024	**-.176**	.013	**-.243**	.018	-.100
		300	**-.214**	-.035	**-.243**	.027	.021	**-.211**	-.033	**-.156**	.027	-.025	**-.205**	-.026	**-.246**	.024	-.099
	.25	50	**-.152**	-.047	**-.263**	.002	**-.109**	**-.166**	.025	**-.141**	.027	-.024	**-.181**	-.050	**-.233**	.029	.023
		100	**-.179**	.011	**-.245**	.017	**-.100**	**-.195**	-.016	**-.151**	.026	-.026	**-.199**	-.020	**-.235**	.028	.021
		300	**-.210**	-.033	**-.249**	.022	**-.100**	**-.212**	-.033	**-.157**	.027	-.025	**-.214**	-.036	**-.244**	.027	.021

			$\Theta = 3$														
			$b = .25$					$b = .50$					$b = .75$				
δ	SR	N	d	d_r	r_{pb}	CL	A_w	d	d_r	r_{pb}	CL	A_w	d	d_r	r_{pb}	CL	A_w
0	1	50	-.008	-.005	-.003	-.006	-.003	.000	-.001	.000	.000	.000	.001	.006	.001	.001	.003
		100	.000	-.001	.000	.000	.000	.001	.002	.000	.001	.001	-.008	-.006	-.003	-.006	-.004
		300	-.001	-.001	.000	-.001	.000	.001	.001	.000	.001	.001	-.001	-.001	.000	.000	.000
	4	50	-.001	-.001	-.001	-.001	-.001	.002	.000	.001	.002	.000	-.004	-.002	-.001	-.002	-.002
		100	-.001	-.002	.000	-.001	-.001	.001	.001	.001	.001	.001	.002	.001	.001	.001	.001
		300	.001	.000	.001	.001	.000	.000	.000	.000	.000	.000	-.002	.000	-.001	-.001	.000
	.25	50	-.010	-.014	-.004	-.007	-.005	.000	.000	.000	.000	.000	.001	.003	.001	.001	.002
		100	-.002	-.003	-.001	-.001	-.002	-.005	-.008	-.002	-.004	-.004	-.001	-.001	-.001	-.001	.000
		300	-.006	-.008	-.002	-.005	-.003	-.002	-.001	-.001	-.001	-.001	-.001	-.001	.000	.000	-.001
.20	1	50	**-.293**	**-.102**	**-.412**	-.005	-.013	**-.306**	-.029	**-.325**	-.006	-.013	**-.307**	**-.105**	**-.423**	-.007	-.013
		100	**-.337**	-.052	**-.433**	-.009	-.013	**-.315**	-.042	**-.324**	-.005	-.012	**-.311**	-.041	**-.411**	-.005	-.012
		300	**-.359**	-.071	**-.446**	-.010	-.014	**-.339**	-.063	**-.341**	-.007	-.013	**-.349**	-.064	**-.437**	-.009	-.013
	4	50	**-.285**	-.081	**-.391**	-.001	.015	**-.262**	.022	**-.282**	.000	-.002	**-.204**	-.044	**-.379**	-.003	-.029
		100	**-.315**	-.041	**-.407**	-.004	.015	**-.318**	-.044	**-.327**	-.006	-.006	**-.302**	-.055	**-.420**	-.008	-.032
		300	**-.342**	-.060	**-.429**	-.007	.014	**-.345**	-.066	**-.347**	-.008	-.006	**-.335**	-.055	**-.431**	-.008	-.030
	.25	50	**-.218**	-.072	**-.390**	-.005	-.031	**-.273**	.011	**-.293**	-.001	-.004	**-.290**	-.077	**-.395**	-.002	.015
		100	**-.278**	.003	**-.400**	-.005	-.028	**-.319**	-.048	**-.327**	-.006	-.007	**-.319**	-.043	**-.410**	-.005	.014
		300	**-.339**	-.062	**-.434**	-.009	-.030	**-.340**	-.066	**-.342**	-.007	-.006	**-.343**	-.059	**-.430**	-.007	.014
.50	1	50	**-.291**	-.088	**-.401**	-.011	-.026	**-.310**	-.052	**-.319**	-.013	-.031	**-.292**	-.092	**-.402**	-.011	-.027
		100	**-.323**	-.053	**-.411**	-.014	-.028	**-.329**	-.058	**-.328**	-.015	-.029	**-.325**	-.055	**-.412**	-.015	-.029
		300	**-.340**	-.059	**-.420**	-.016	-.027	**-.344**	-.061	**-.336**	-.016	-.028	**-.348**	-.066	**-.427**	-.018	-.029
	4	50	**-.284**	-.074	**-.382**	-.003	.029	**-.272**	-.002	**-.285**	-.004	-.012	**-.258**	-.080	**-.410**	-.019	-.068
		100	**-.317**	-.049	**-.399**	-.010	.026	**-.309**	-.038	**-.309**	-.009	-.013	**-.282**	-.017	**-.395**	-.012	-.063
		300	**-.341**	-.059	**-.418**	-.015	.026	**-.335**	-.058	**-.328**	-.014	-.012	**-.329**	-.054	**-.417**	-.015	-.062
	.25	50	**-.233**	-.063	**-.392**	-.014	-.064	**-.273**	.001	**-.287**	-.004	-.011	**-.289**	-.076	**-.385**	-.004	.029
		100	**-.295**	-.025	**-.405**	-.015	-.064	**-.309**	-.034	**-.310**	-.010	-.012	**-.316**	-.044	**-.398**	-.009	.027
		300	**-.328**	-.054	**-.415**	-.015	-.063	**-.335**	-.058	**-.328**	-.014	-.012	**-.339**	-.059	**-.416**	-.014	.026
.80	1	50	**-.301**	**-.102**	**-.393**	-.019	-.039	**-.295**	-.031	**-.290**	-.013	-.038	**-.299**	**-.105**	**-.391**	-.019	-.040
		100	**-.322**	-.052	**-.394**	-.019	-.039	**-.325**	-.053	**-.309**	-.018	-.040	**-.327**	-.053	**-.398**	-.021	-.040
		300	**-.347**	-.065	**-.409**	-.023	-.040	**-.343**	-.062	**-.319**	-.021	-.039	**-.344**	-.062	**-.407**	-.022	-.040
	4	50	**-.286**	-.073	**-.367**	-.005	.031	**-.271**	-.001	**-.270**	-.005	-.019	**-.247**	-.073	**-.385**	-.023	-.091
		100	**-.318**	-.046	**-.384**	-.014	.028	**-.302**	-.034	**-.288**	-.011	-.019	**-.287**	-.016	**-.382**	-.017	-.085
		300	**-.341**	-.060	**-.402**	-.020	.027	**-.333**	-.055	**-.310**	-.018	-.019	**-.328**	-.052	**-.399**	-.020	-.085
	.25	50	**-.243**	-.069	**-.382**	-.022	-.090	**-.265**	.008	**-.265**	-.004	-.018	**-.290**	-.082	**-.371**	-.007	.029
		100	**-.294**	-.016	**-.388**	-.020	-.086	**-.308**	-.038	**-.294**	-.013	-.020	**-.316**	-.045	**-.383**	-.013	.027
		300	**-.325**	-.049	**-.396**	-.019	-.084	**-.336**	-.058	**-.313**	-.019	-.020	**-.340**	-.058	**-.401**	-.020	.027
1.5	1	50	**-.302**	**-.105**	**-.340**	-.025	-.056	**-.298**	-.031	**-.247**	-.020	-.054	**-.294**	-.096	**-.334**	-.023	-.053
		100	**-.325**	-.055	**-.342**	-.025	-.056	**-.323**	-.051	**-.257**	-.022	-.055	**-.324**	-.053	**-.341**	-.024	-.055
		300	**-.344**	-.062	**-.351**	-.026	-.055	**-.345**	-.063	**-.270**	-.025	-.055	**-.344**	-.063	**-.350**	-.025	-.055
	4	50	**-.286**	-.076	**-.316**	-.011	.010	**-.274**	-.007	**-.231**	-.014	-.038	**-.247**	-.073	**-.332**	-.032	**-.115**
		100	**-.315**	-.047	**-.328**	-.017	.006	**-.307**	-.038	**-.247**	-.018	-.038	**-.291**	-.019	**-.332**	-.025	**-.110**
		300	**-.341**	-.061	**-.347**	-.023	.006	**-.336**	-.057	**-.263**	-.022	-.037	**-.329**	-.054	**-.345**	-.025	**-.109**
	.25	50	**-.244**	-.070	**-.330**	-.031	**-.114**	**-.273**	-.003	**-.230**	-.013	-.037	**-.289**	-.080	**-.319**	-.012	.008
		100	**-.292**	-.021	**-.332**	-.025	**-.110**	**-.303**	-.037	**-.243**	-.016	-.037	**-.317**	-.049	**-.330**	-.017	.006
		300	**-.328**	-.053	**-.344**	-.024	**-.108**	**-.335**	-.058	**-.262**	-.022	-.037	**-.342**	-.060	**-.347**	-.023	.006

$\Theta = 4$

			b = .25					b = .50					b = .75				
δ	SR	N	d	d_r	r_{pb}	CL	A_w	d	d_r	r_{pb}	CL	A_w	d	d_r	r_{pb}	CL	A_w
0	1	50	.003	-.037	.002	.004	.001	-.005	-.006	-.002	-.004	-.003	.000	.036	-.001	-.002	-.002
		100	-.001	-.013	.000	.000	.001	.001	.001	.000	.001	.000	.000	.013	.000	-.001	-.001
		300	.000	-.005	.000	.000	.000	-.002	-.002	-.001	-.001	-.001	-.002	.002	-.001	-.002	-.001
	4	50	**.247**	.053	**.105**	**.192**	-.046	**.288**	.062	**.140**	**.221**	-.048	**.364**	**.125**	**.143**	**.258**	-.043
		100	**.253**	.058	**.109**	**.198**	-.048	**.299**	.073	**.146**	**.232**	-.047	**.390**	**.100**	**.161**	**.290**	-.048
		300	**.256**	.063	**.110**	**.202**	-.048	**.307**	.078	**.151**	**.240**	-.048	**.407**	**.105**	**.172**	**.311**	-.048
	.25	50	**-.367**	**-.122**	**-.144**	**-.260**	.044	**-.288**	-.065	**-.140**	**-.221**	.046	**-.245**	-.051	**-.104**	**-.190**	.047
		100	**-.389**	-.099	**-.161**	**-.289**	.048	**-.298**	-.069	**-.146**	**-.231**	.050	**-.253**	-.059	**-.109**	**-.198**	.047
		300	**-.405**	**-.102**	**-.171**	**-.310**	.050	**-.307**	-.078	**-.151**	**-.240**	.048	**-.256**	-.063	**-.110**	**-.201**	.049
.20	1	50	**-.191**	**-.266**	**-.320**	.009	.029	**-.142**	.021	**-.167**	.016	.032	**-.153**	**.140**	**-.305**	.012	.030
		100	**-.188**	**-.103**	**-.303**	.012	.030	**-.184**	-.021	**-.195**	.013	.030	**-.165**	.072	**-.288**	.015	.032
		300	**-.205**	-.073	**-.313**	.012	.029	**-.196**	-.040	**-.199**	.013	.030	**-.203**	-.011	**-.312**	.012	.030
	4	50	**1.072**	**.232**	**.751**	**.184**	-.015	**1.317**	**.383**	**1.227**	**.212**	-.037	**1.671**	**.522**	**1.088**	**.231**	-.073
		100	**1.084**	**.277**	**.784**	**.188**	-.017	**1.327**	**.345**	**1.257**	**.217**	-.042	**1.795**	**.531**	**1.292**	**.264**	-.066
		300	**1.090**	**.291**	**.789**	**.190**	-.017	**1.354**	**.368**	**1.296**	**.223**	-.039	**1.847**	**.497**	**1.382**	**.281**	-.068
	.25	50	**-1.851**	**-.508**	**-1.686**	**-.214**	.014	**-1.567**	**-.261**	**-1.560**	**-.181**	.035	**-1.367**	**-.277**	**-1.316**	**-.153**	.055
		100	**-2.085**	**-.453**	**-1.907**	**-.248**	.013	**-1.674**	**-.365**	**-1.668**	**-.196**	.035	**-1.428**	**-.288**	**-1.372**	**-.162**	.055
		300	**-2.219**	**-.543**	**-2.042**	**-.271**	.013	**-1.721**	**-.409**	**-1.719**	**-.204**	.037	**-1.476**	**-.352**	**-1.413**	**-.169**	.053
.50	1	50	**-.150**	**-.116**	**-.282**	.029	.043	**-.159**	.011	**-.177**	.028	.039	**-.147**	.034	**-.285**	.028	.042
		100	**-.176**	-.043	**-.286**	.027	.040	**-.179**	-.018	**-.183**	.028	.039	**-.176**	.016	**-.287**	.027	.040
		300	**-.195**	-.043	**-.295**	.026	.040	**-.196**	-.036	**-.192**	.027	.039	**-.193**	-.024	**-.294**	.027	.040
	4	50	**.345**	.076	**.138**	**.170**	.058	**.442**	**.172**	**.379**	**.190**	-.008	**.642**	**.235**	**.289**	**.211**	-.081
		100	**.334**	**.114**	**.144**	**.169**	.055	**.434**	**.148**	**.382**	**.192**	-.006	**.638**	**.234**	**.344**	**.228**	-.075
		300	**.320**	.096	**.133**	**.167**	.052	**.426**	**.128**	**.382**	**.193**	-.006	**.630**	**.187**	**.361**	**.237**	-.076
	.25	50	**-.808**	**-.225**	**-.863**	**-.176**	-.037	**-.701**	-.077	**-.710**	**-.131**	.008	**-.630**	**-.119**	**-.680**	**-.106**	.045
		100	**-.909**	**-.158**	**-.927**	**-.193**	-.033	**-.761**	**-.141**	**-.760**	**-.144**	.009	**-.678**	**-.122**	**-.715**	**-.118**	.043
		300	**-.987**	**-.216**	**-.989**	**-.213**	-.031	**-.808**	**-.188**	**-.803**	**-.157**	.009	**-.710**	**-.164**	**-.742**	**-.127**	.041
.80	1	50	**-.155**	-.099	**-.273**	.033	.030	**-.159**	.005	**-.167**	.035	.028	**-.154**	-.005	**-.275**	.032	.030
		100	**-.168**	-.024	**-.265**	.037	.033	**-.176**	-.011	**-.170**	.036	.031	**-.184**	-.004	**-.278**	.032	.028
		300	**-.194**	-.039	**-.279**	.034	.030	**-.191**	-.030	**-.175**	.035	.030	**-.193**	-.025	**-.278**	.034	.030
	4	50	**.159**	.036	-.009	**.148**	**.162**	**.232**	**.136**	**.177**	**.165**	.053	**.361**	**.144**	.083	**.177**	-.072
		100	**.146**	.067	-.007	**.146**	**.158**	**.215**	.098	**.170**	**.164**	.053	**.345**	**.158**	**.114**	**.190**	-.063
		300	**.131**	.051	-.018	**.143**	**.156**	**.198**	.074	**.161**	**.162**	.053	**.326**	**.112**	**.116**	**.194**	-.062
	.25	50	**-.528**	**-.137**	**-.628**	**-.138**	-.074	**-.481**	-.015	**-.481**	-.091	-.017	**-.444**	-.085	**-.506**	-.069	.024
		100	**-.629**	-.088	**-.679**	**-.153**	-.070	**-.526**	-.075	**-.511**	**-.100**	-.015	**-.490**	-.078	**-.535**	-.082	.021
		300	**-.693**	**-.149**	**-.721**	**-.168**	-.070	**-.570**	**-.123**	**-.547**	**-.113**	-.017	**-.513**	**-.110**	**-.553**	-.089	.021
1.5	1	50	**-.158**	-.081	**-.230**	.027	-.007	**-.157**	.012	**-.132**	.031	-.008	**-.152**	-.027	**-.227**	.028	-.007
		100	**-.181**	-.029	**-.228**	.030	-.008	**-.182**	-.018	**-.140**	.031	-.008	**-.181**	-.005	**-.228**	.030	-.007
		300	**-.193**	-.036	**-.230**	.033	-.007	**-.194**	-.033	**-.141**	.033	-.007	**-.196**	-.030	**-.232**	.032	-.007
	4	50	.017	.007	-.093	.088	**.142**	.066	.097	.030	.097	**.110**	**.151**	.077	-.041	**.104**	.015
		100	-.003	.033	-.096	.087	**.140**	.038	.052	.018	.095	**.110**	**.116**	.099	-.036	**.106**	.025
		300	-.021	.012	**-.106**	.085	**.140**	.017	.027	.009	.093	**.111**	.091	.051	-.041	**.107**	.027
	.25	50	**-.329**	-.073	**-.425**	-.091	**-.126**	**-.315**	.019	**-.283**	-.043	-.062	**-.305**	-.061	**-.339**	-.026	-.022
		100	**-.400**	-.031	**-.434**	-.083	**-.121**	**-.360**	-.043	**-.300**	-.045	-.062	**-.340**	-.046	**-.352**	-.030	-.024
		300	**-.450**	-.087	**-.452**	-.083	**-.120**	**-.392**	-.076	**-.315**	-.048	-.062	**-.362**	-.072	**-.364**	-.032	-.024

$\Theta = 5$

			b = .25					b = .50					b = .75				
δ	*SR*	*N*	*d*	d_r	r_{pb}	*CL*	A_w	*d*	d_r	r_{pb}	*CL*	A_w	*d*	d_r	r_{pb}	*CL*	A_w
0	1	50	-.008	-.017	-.003	-.005	-.003	.000	-.002	.000	.000	.000	.003	.018	.001	.001	.003
		100	.000	-.006	.000	.000	.000	.000	.002	.000	.000	.001	-.007	-.001	-.003	-.006	-.004
		300	-.002	-.003	-.001	-.001	.000	.001	.001	.000	.001	.001	-.001	.001	.000	-.001	.000
	4	50	.073	.013	.031	.057	-.015	.087	.018	.043	.067	-.015	.096	.030	.038	.070	-.016
		100	.079	.015	.034	.062	-.016	.094	.022	.046	.074	-.014	**.117**	.029	.049	.088	-.013
		300	.085	.019	.037	.068	-.015	.100	.023	.050	.079	-.015	**.127**	.031	.054	.100	-.015
	.25	50	**-.110**	-.046	-.044	-.080	.010	-.084	-.017	-.041	-.065	.015	-.073	-.011	-.031	-.057	.017
		100	**-.117**	-.031	-.049	-.088	.013	-.098	-.028	-.048	-.077	.010	-.081	-.017	-.035	-.064	.014
		300	**-.135**	-.039	-.057	**-.105**	.012	**-.101**	-.024	-.050	-.080	.014	-.084	-.020	-.037	-.067	.014
.20	1	50	**-.321**	**-.173**	**-.430**	-.008	-.012	**-.329**	-.035	**-.347**	-.009	-.012	**-.332**	-.051	**-.449**	-.011	-.012
		100	**-.372**	-.084	**-.461**	-.013	-.013	**-.344**	-.049	**-.352**	-.009	-.011	**-.344**	-.023	**-.440**	-.010	-.011
		300	**-.393**	-.086	**-.475**	-.015	-.013	**-.374**	-.069	**-.376**	-.012	-.012	**-.383**	-.062	**-.466**	-.014	-.013
	4	50	.062	-.018	-.095	.047	.004	**.139**	**.105**	**.110**	.056	-.014	**.275**	**.109**	.004	.060	-.041
		100	.056	.037	-.087	.048	.004	**.121**	.056	**.106**	.056	-.018	**.249**	.082	.040	.067	-.045
		300	.045	.029	-.095	.047	.003	**.119**	.043	**.113**	.057	-.018	**.280**	.095	.093	.077	-.042
	.25	50	**-.736**	**-.233**	**-.802**	-.072	-.018	**-.720**	-.081	**-.732**	-.064	.008	**-.679**	**-.149**	**-.728**	-.057	.026
		100	**-.879**	**-.141**	**-.903**	-.086	-.016	**-.810**	**-.158**	**-.813**	-.075	.005	**-.747**	**-.132**	**-.781**	-.065	.026
		300	**-1.015**	**-.223**	**-1.013**	**-.103**	-.018	**-.870**	**-.187**	**-.871**	-.083	.006	**-.796**	**-.160**	**-.823**	-.072	.025
.50	1	50	**-.318**	**-.120**	**-.421**	-.018	-.024	**-.334**	-.058	**-.343**	-.020	-.030	**-.314**	-.073	**-.422**	-.018	-.025
		100	**-.352**	-.070	**-.435**	-.023	-.027	**-.357**	-.064	**-.356**	-.023	-.028	**-.354**	-.051	**-.439**	-.024	-.027
		300	**-.376**	-.068	**-.451**	-.026	-.026	**-.380**	-.068	**-.372**	-.027	-.027	**-.382**	-.069	**-.457**	-.028	-.028
	4	50	**-.161**	-.053	**-.276**	.034	.026	**-.127**	.027	**-.142**	.039	-.018	-.078	-.021	**-.263**	.031	-.076
		100	**-.186**	-.021	**-.286**	.029	.023	**-.147**	-.001	**-.150**	.038	-.018	-.076	.034	**-.221**	.047	-.071
		300	**-.207**	-.027	**-.303**	.024	.023	**-.168**	-.018	**-.164**	.035	-.018	**-.101**	.002	**-.222**	.050	-.070
	.25	50	**-.452**	**-.131**	**-.569**	-.074	-.056	**-.463**	-.038	**-.474**	-.060	-.006	**-.459**	**-.109**	**-.532**	-.054	.032
		100	**-.552**	-.087	**-.623**	-.089	-.056	**-.522**	-.081	**-.521**	-.073	-.006	**-.504**	-.083	**-.563**	-.065	.030
		300	**-.618**	**-.122**	**-.666**	**-.101**	-.055	**-.567**	**-.110**	**-.559**	-.083	-.007	**-.540**	**-.103**	**-.592**	-.075	.029
.80	1	50	**-.326**	**-.124**	**-.413**	-.028	-.038	**-.320**	-.038	**-.314**	-.022	-.037	**-.322**	-.096	**-.412**	-.028	-.039
		100	**-.351**	-.064	**-.418**	-.030	-.038	**-.354**	-.059	**-.337**	-.030	-.039	**-.357**	-.053	**-.424**	-.033	-.039
		300	**-.382**	-.073	**-.439**	-.037	-.039	**-.378**	-.068	**-.354**	-.035	-.038	**-.380**	-.066	**-.438**	-.036	-.038
	4	50	**-.218**	-.062	**-.308**	.022	.037	**-.188**	.017	**-.187**	.028	-.017	**-.142**	-.038	**-.296**	.019	-.094
		100	**-.246**	-.030	**-.321**	.014	.034	**-.213**	-.013	**-.201**	.024	-.017	**-.168**	.015	**-.280**	.029	-.088
		300	**-.271**	-.042	**-.341**	.007	.033	**-.242**	-.032	**-.222**	.017	-.017	**-.197**	-.019	**-.287**	.030	-.087
	.25	50	**-.389**	**-.114**	**-.504**	-.078	-.087	**-.390**	-.017	**-.390**	-.054	-.020	**-.406**	**-.104**	**-.471**	-.053	.023
		100	**-.465**	-.056	**-.535**	-.087	-.083	**-.450**	-.069	**-.435**	-.069	-.022	**-.444**	-.071	**-.495**	-.064	.021
		300	**-.517**	-.093	**-.564**	-.096	-.081	**-.493**	-.093	**-.470**	-.082	-.022	**-.479**	-.088	**-.524**	-.075	.021
1.5	1	50	**-.327**	**-.120**	**-.360**	-.036	-.056	**-.323**	-.037	**-.270**	-.031	-.054	**-.319**	-.094	**-.355**	-.034	-.053
		100	**-.354**	-.065	**-.366**	-.037	-.056	**-.353**	-.057	**-.285**	-.035	-.055	**-.353**	-.056	**-.366**	-.037	-.055
		300	**-.379**	-.069	**-.381**	-.042	-.055	**-.380**	-.069	**-.303**	-.041	-.055	**-.379**	-.067	**-.381**	-.041	-.055
	4	50	**-.261**	-.072	**-.294**	.001	.027	**-.238**	.001	**-.194**	.004	-.024	**-.200**	-.057	**-.287**	-.005	**-.108**
		100	**-.291**	-.041	**-.307**	-.006	.024	**-.271**	-.029	**-.212**	.000	-.023	**-.239**	-.005	**-.284**	.001	**-.101**
		300	**-.319**	-.055	**-.328**	-.014	.023	**-.303**	-.047	**-.233**	-.008	-.023	**-.274**	-.039	**-.298**	.000	**-.100**
	.25	50	**-.331**	-.095	**-.407**	-.075	**-.122**	**-.349**	-.019	**-.305**	-.051	-.051	**-.361**	-.095	**-.382**	-.047	-.010
		100	**-.396**	-.045	**-.424**	-.076	**-.117**	**-.391**	-.056	**-.327**	-.057	-.052	**-.398**	-.066	**-.401**	-.056	-.012
		300	**-.445**	-.080	**-.448**	-.081	**-.117**	**-.435**	-.079	**-.357**	-.069	-.052	**-.432**	-.078	**-.426**	-.066	-.012

			$\Theta = 6$													
			$b = .25$					$b = .50$					$b = .75$				
δ	SR	N	d	d_r	r_{pb}	CL	A_w	d	d_r	r_{pb}	CL	A_w	d	d_r	r_{pb}	CL	A_w
0	1	50	.004	.001	.002	.003	.001	-.003	-.002	-.002	-.003	-.002	.000	-.003	.000	.000	-.002
		100	-.001	-.001	.000	-.001	-.001	.002	-.002	.001	.001	-.001	-.002	-.001	-.001	-.002	-.001
		300	.002	.001	.001	.001	.001	.001	.001	.000	.001	.000	.000	-.002	.000	.000	-.001
	4	50	.001	-.002	.000	.001	-.002	-.004	-.003	-.002	-.003	-.002	.002	.003	.001	.002	.001
		100	.003	.001	.001	.002	.001	.001	.001	.000	.000	.000	.005	.001	.002	.004	.001
		300	.001	.000	.000	.000	.000	-.001	-.002	-.001	-.001	-.001	-.001	-.002	.000	-.001	-.001
	.25	50	-.003	.003	-.001	-.002	.001	-.001	-.001	.000	-.001	-.001	-.003	.002	-.001	-.002	.001
		100	-.003	.003	-.001	-.002	.002	-.002	-.003	-.001	-.002	-.001	.000	.000	.000	.000	.000
		300	.000	.001	.000	.000	.001	.001	.001	.001	.001	.001	.002	.002	.001	.002	.002
.20	1	50	**-.598**	**-.120**	**-.666**	-.047	-.015	**-.655**	-.092	**-.664**	-.054	-.018	**-.641**	**-.153**	**-.700**	-.052	-.017
		100	**-.676**	**-.107**	**-.722**	-.056	-.018	**-.659**	-.092	**-.662**	-.053	-.016	**-.673**	-.095	**-.720**	-.055	-.017
		300	**-.680**	-.092	**-.723**	-.056	-.015	**-.676**	**-.104**	**-.676**	-.055	-.016	**-.699**	**-.111**	**-.739**	-.058	-.017
	4	50	**-.608**	**-.144**	**-.667**	-.046	.001	**-.567**	-.046	**-.579**	-.042	-.014	**-.590**	**-.141**	**-.673**	-.049	-.040
		100	**-.648**	-.084	**-.695**	-.051	.003	**-.638**	-.082	**-.642**	-.050	-.015	**-.612**	-.036	**-.675**	-.049	-.034
		300	**-.677**	-.097	**-.719**	-.055	.003	**-.682**	-.096	**-.682**	-.056	-.014	**-.666**	-.095	**-.714**	-.054	-.036
	.25	50	**-.492**	**-.105**	**-.595**	-.036	-.038	**-.577**	-.047	**-.588**	-.043	-.014	**-.603**	**-.125**	**-.663**	-.046	.002
		100	**-.639**	-.078	**-.697**	-.052	-.038	**-.655**	-.088	**-.659**	-.053	-.015	**-.665**	-.099	**-.710**	-.054	.002
		300	**-.674**	**-.100**	**-.721**	-.055	-.037	**-.674**	-.091	**-.674**	-.055	-.014	**-.684**	**-.105**	**-.726**	-.056	.003
.50	1	50	**-.617**	**-.137**	**-.675**	**-.104**	-.035	**-.637**	-.084	**-.639**	**-.109**	-.037	**-.604**	**-.134**	**-.664**	**-.101**	-.034
		100	**-.666**	-.092	**-.707**	**-.115**	-.035	**-.666**	-.099	**-.663**	**-.115**	-.036	**-.661**	-.099	**-.703**	**-.114**	-.036
		300	**-.688**	**-.108**	**-.723**	**-.120**	-.036	**-.687**	**-.106**	**-.680**	**-.120**	-.035	**-.688**	**-.112**	**-.724**	**-.120**	-.037
	4	50	**-.596**	**-.111**	**-.649**	-.095	.009	**-.574**	-.050	**-.578**	-.090	-.032	**-.559**	**-.124**	**-.640**	-.094	-.084
		100	**-.646**	-.081	**-.687**	**-.108**	.007	**-.639**	-.083	**-.635**	**-.107**	-.032	**-.610**	-.052	**-.666**	**-.102**	-.076
		300	**-.685**	**-.104**	**-.720**	**-.119**	.005	**-.678**	**-.106**	**-.671**	**-.117**	-.032	**-.667**	-.098	**-.708**	**-.115**	-.077
	.25	50	**-.528**	-.087	**-.615**	-.086	-.079	**-.578**	-.048	**-.582**	-.092	-.031	**-.603**	**-.117**	**-.655**	-.097	.007
		100	**-.615**	-.066	**-.671**	**-.104**	-.078	**-.638**	-.083	**-.635**	**-.107**	-.032	**-.656**	-.092	**-.695**	**-.111**	.005
		300	**-.667**	-.098	**-.708**	**-.115**	-.078	**-.680**	-.099	**-.673**	**-.118**	-.031	**-.684**	**-.105**	**-.719**	**-.118**	.004
.80	1	50	**-.618**	**-.136**	**-.663**	**-.142**	-.047	**-.623**	-.078	**-.612**	**-.142**	-.049	**-.626**	**-.145**	**-.670**	**-.145**	-.049
		100	**-.664**	-.095	**-.694**	**-.156**	-.048	**-.664**	-.091	**-.647**	**-.155**	-.048	**-.658**	-.092	**-.688**	**-.153**	-.047
		300	**-.690**	**-.108**	**-.714**	**-.164**	-.049	**-.689**	**-.107**	**-.669**	**-.163**	-.049	**-.691**	**-.108**	**-.715**	**-.164**	-.050
	4	50	**-.606**	**-.122**	**-.646**	**-.133**	.004	**-.573**	-.044	**-.565**	**-.123**	-.041	**-.538**	**-.118**	**-.611**	**-.122**	**-.110**
		100	**-.651**	-.086	**-.678**	**-.148**	.004	**-.642**	-.083	**-.625**	**-.146**	-.043	**-.613**	-.068	**-.656**	**-.140**	**-.106**
		300	**-.684**	**-.104**	**-.707**	**-.161**	.002	**-.676**	**-.101**	**-.656**	**-.158**	-.043	**-.667**	-.099	**-.697**	**-.157**	**-.105**
	.25	50	**-.540**	-.091	**-.613**	**-.122**	**-.106**	**-.574**	-.043	**-.565**	**-.123**	-.042	**-.606**	**-.121**	**-.646**	**-.133**	.004
		100	**-.609**	-.055	**-.654**	**-.139**	**-.104**	**-.635**	-.074	**-.618**	**-.143**	-.042	**-.655**	-.089	**-.682**	**-.150**	.003
		300	**-.669**	-.097	**-.698**	**-.157**	**-.104**	**-.680**	**-.102**	**-.660**	**-.159**	-.043	**-.685**	**-.104**	**-.708**	**-.161**	.002
1.5	1	50	**-.625**	**-.143**	**-.627**	**-.185**	-.066	**-.624**	-.074	**-.568**	**-.182**	-.066	**-.626**	**-.139**	**-.629**	**-.187**	-.066
		100	**-.663**	-.094	**-.651**	**-.198**	-.066	**-.667**	-.096	**-.604**	**-.198**	-.067	**-.667**	-.094	**-.654**	**-.200**	-.067
		300	**-.688**	**-.107**	**-.671**	**-.208**	-.066	**-.687**	**-.106**	**-.621**	**-.206**	-.066	**-.687**	**-.107**	**-.670**	**-.207**	-.066
	4	50	**-.602**	**-.118**	**-.600**	**-.169**	-.010	**-.574**	-.050	**-.522**	**-.160**	-.058	**-.552**	**-.116**	**-.579**	**-.164**	**-.137**
		100	**-.655**	-.090	**-.640**	**-.191**	-.012	**-.635**	-.080	**-.573**	**-.182**	-.057	**-.612**	-.059	**-.612**	**-.178**	**-.130**
		300	**-.683**	**-.105**	**-.665**	**-.203**	-.012	**-.679**	-.100	**-.613**	**-.202**	-.057	**-.668**	-.093	**-.655**	**-.199**	**-.128**
	.25	50	**-.542**	**-.110**	**-.569**	**-.158**	**-.136**	**-.575**	-.049	**-.523**	**-.160**	-.058	**-.601**	**-.115**	**-.599**	**-.168**	-.010
		100	**-.610**	-.064	**-.610**	**-.177**	**-.130**	**-.639**	-.078	**-.577**	**-.184**	-.057	**-.654**	-.089	**-.639**	**-.190**	-.012
		300	**-.669**	-.098	**-.656**	**-.200**	**-.130**	**-.681**	**-.101**	**-.615**	**-.203**	-.057	**-.683**	**-.103**	**-.665**	**-.204**	-.012

Note: b is the base rate, δ is the population effect size expressed as Cohen's *d*, *SR* is the SD ratio, *N* is the total sample size, *d* is Cohen's *d*, d_r is the rescaled robust *d*, r_{pb} is point-biserial correlation, *CL* is the common language effect size, and A_w is the non-parametric estimator for *CL*. Θ = 1, 2, 3, 4, 5, 6 correspond to the normal (1: $\Upsilon_1 = 0; \Upsilon_2 = 0$), two peaked (2: $\Upsilon_1 = 0$; 3: $\Upsilon_2 = 6$ and $\Upsilon_1 = 0; \Upsilon_2 = 154.84$), two skewed (4: $\Upsilon_1 = 2; \Upsilon_2 = 6$ and 5: $\Upsilon_1 = 4.90; \Upsilon_2 = 4{,}673.80$), and mixed-normal distributions (6: $\Upsilon_1 = 0; \Upsilon_2 = 24.95$), respectively. Biases that are outside the nominal range of $\pm 10\%$ are presented in bold.