Parameter	Scenario	Median [2.5, 97.5%ile]	95% CI
		bias of estimate (\log_{10})	coverage
σ_a	No excess variation	+0.106 [+0.064, +0.244]	N/A
	Moderate variation (normal-distributed)	+0.038 [-0.017, +0.206]	98.1%
	Moderate variation (gamma-distributed)	+0.037 [-0.017 , $+0.212$]	97.9%
	Large variation (normal-distributed)	+0.014 [-0.194, +0.322]	97.4%
	Large variation (gamma-distributed)	+0.035 [-0.188 , $+0.406$]	96.0%
σ_b	No excess variation	+0.132 [+0.084, +0.283]	N/A
	Moderate variation (normal-distributed)	+0.074 [+0.001, +0.268]	99.8%
	Moderate variation (gamma-distributed)	+0.076 [+0.006, +0.278]	99.5%
	Large variation (normal-distributed)	+0.041 [-0.159, +0.508]	99.3%
	Large variation (gamma-distributed)	+0.056 $[-0.152, +0.528]$	99.6%