Supplementary Fig. 1. Monte Carlo simulation for determination of error contribution by variables in the Stefan-Boltzmann equation.

		Delta T														
		0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1	1.1	1.2	1.3	1.4	1.5
A	1	-5.01724	-6.42937	-7.25368	-7.81986	-8.27235	-8.63736	-8.9351	-9.22196	-9.4377	-9.65301	-9.84648	-10.0116	-10.1819	-10.3367	-10.462
	20	0.957888	-0.43768	-1.25819	-1.8207	-2.2816	-2.64628	-2.95247	-3.22193	-3.46627	-3.66063	-3.85379	-4.0371	-4.20258	-4.34348	-4.475
	40	2.351156	0.943114	0.131362	-0.4496	-0.89846	-1.25991	-1.56936	-1.83106	-2.05789	-2.28059	-2.4713	-2.64136	-2.79517	-2.94782	-3.09159
	60	3.158902	1.751267	0.947505	0.357812	-0.08623	-0.46087	-0.74364	-1.01795	-1.24496	-1.46695	-1.65938	-1.83726	-1.9957	-2.15009	-2.28061
	80	3.74958	2.331787	1.519434	0.94036	0.493734	0.137693	-0.17737	-0.43057	-0.67489	-0.88804	-1.08863	-1.25741	-1.41626	-1.56987	-1.70904
	100	4.192137	2.777924	1.96224	1.385459	0.942219	0.57915	0.262283	0.00729	-0.24158	-0.44629	-0.62915	-0.80945	-0.97721	-1.11308	-1.25206
	120	4.547355	3.154345	2.323958	1.750481	1.305048	0.944567	0.641611	0.37022	0.134439	-0.08918	-0.27284	-0.44561	-0.615	-0.75513	-0.89563
	140	4.862527	3.457785	2.623848	2.059246	1.611413	1.258439	0.942213	0.669412	0.436678	0.223238	0.036067	-0.14886	-0.30705	-0.46228	-0.58633
	160	5.11517	3.716954	2.913853	2.331688	1.892016	1.510915	1.200088	0.951912	0.710647	0.491474	0.30425	0.12616	-0.02795	-0.17876	-0.3169
	180	5.362825	3.955759	3.143629	2.568967	2.106529	1.753154	1.442427	1.17402	0.939133	0.716625	0.541782	0.36033	0.202714	0.062414	-0.09
	200	5.56994	4.165467	3.357518	2.785091	2.332748	1.958435	1.649685	1.39618	1.156669	0.937405	0.753841	0.567403	0.401919	0.266784	0.123857
	220	5.757021	4.358699	3.541999	2.973492	2.51768	2.154727	1.838144	1.57418	1.333037	1.116673	0.949202	0.767241	0.601727	0.455477	0.319341
	240	5.936099	4.522318	3.720827	3.144228	2.68923	2.332331	2.025288	1.75976	1.518556	1.307297	1.117491	0.947447	0.782094	0.632304	0.501369
	260	6.085678	4.689268	3.868927	3.286489	2.851338	2.478483	2.180399	1.911968	1.675603	1.464412	1.270303	1.109232	0.930066	0.79539	0.661866
	280	6.24728	4.832832	4.035036	3.446165	3.001775	2.633291	2.338673	2.055185	1.816484	1.605168	1.426008	1.241855	1.088315	0.93859	0.800406
	300	6.377543	4.975629	4.167501	3.58312	3.14232	2.767282	2.464705	2.20266	1.972249	1.756983	1.553982	1.392862	1.220467	1.070983	0.937106
	320	6.508326	5.104898	4.288326	3.706786	3.273462	2.894967	2.603795	2.326495	2.095157	1.886793	1.686211	1.514672	1.350662	1.200117	1.064082
	340	6.63892	5.225362	4.41548	3.82533	3.403986	3.039095	2.713483	2.452661	2.223989	2.005738	1.804398	1.627522	1.478585	1.325599	1.188154
	360	6.753761	5.343352	4.527108	3.951022	3.512419	3.130149	2.82677	2.567453	2.328343	2.124803	1.914614	1.759319	1.598573	1.449455	1.294263
	380	6.863783	5.46112	4.629714	4.06401	3.609608	3.237098	2.937492	2.671313	2.439282	2.233642	2.024782	1.8604	1.700445	1.545163	1.41517
	400	6.970084	5.552408	4.743284	4.15854	3.724521	3.351161	3.045501	2.769181	2.543245	2.325123	2.131883	1.949306	1.78948	1.657991	1.514338