

Table S3. Predicted and true values of c and n for Iroko, Pine and Paulownia wood.

Sample (-)	Time (s)	c Predicted (kJ mol ⁻¹ K ⁻¹)	n Predicted (mol s ⁻¹)	c True (kJ mol ⁻¹ K ⁻¹)	n True (mol s ⁻¹)
Iroko	0	0.27724	0.88334	0.40221	0.84161
Iroko	5	0.12024	0.84117	0.21184	0.81984
Iroko	10	0.09184	0.83133	0.13470	0.81026
Iroko	15	0.08128	0.83107	0.09877	0.80585
Iroko	20	0.07494	0.83075	0.08194	0.80291
Iroko	25	0.07058	0.83039	0.07451	0.80094
Iroko	30	0.06723	0.83004	0.06950	0.79955
Iroko	35	0.06451	0.82965	0.06480	0.79835
Iroko	40	0.06233	0.82968	0.06258	0.79807
Iroko	45	0.06046	0.82982	0.05995	0.79804
Iroko	50	0.05884	0.83006	0.05979	0.79823
Iroko	55	0.05742	0.83034	0.05651	0.79853
Iroko	60	0.05617	0.83069	0.05628	0.79896
Iroko	65	0.05510	0.83132	0.05554	0.79993
Iroko	70	0.05411	0.83158	0.05446	0.80031
Iroko	75	0.05326	0.83194	0.05497	0.80091
Iroko	80	0.05250	0.83227	0.05458	0.80154
Iroko	85	0.05182	0.83260	0.05416	0.80212
Iroko	90	0.05123	0.83293	0.05262	0.80287
Iroko	95	0.05069	0.83311	0.05195	0.80333
Iroko	100	0.05022	0.83316	0.05195	0.80344
Iroko	105	0.04980	0.83323	0.05082	0.80362
Iroko	110	0.04942	0.83335	0.05080	0.80397
Iroko	115	0.04910	0.83344	0.05149	0.80428
Iroko	120	0.04880	0.83356	0.05138	0.80468
Iroko	125	0.04854	0.83360	0.05108	0.80485
Iroko	130	0.04831	0.83370	0.04926	0.80514
Iroko	135	0.04810	0.83375	0.04962	0.80550
Iroko	140	0.04791	0.83381	0.04980	0.80574
Iroko	145	0.04772	0.83398	0.04893	0.80628
Iroko	150	0.04756	0.83410	0.04913	0.80665
Iroko	155	0.04739	0.83431	0.04878	0.80717
Iroko	160	0.04725	0.83444	0.05009	0.80746
Iroko	165	0.04707	0.83481	0.04909	0.80810
Iroko	170	0.04689	0.83521	0.04944	0.80866
Iroko	175	0.04678	0.83530	0.04781	0.80874
Iroko	180	0.04667	0.83538	0.04808	0.80881
Iroko	185	0.04655	0.83559	0.04806	0.80903
Iroko	190	0.04648	0.83556	0.04859	0.80896
Iroko	195	0.04637	0.83574	0.04794	0.80909
Iroko	200	0.04624	0.83608	0.04884	0.80936

Table S3. Predicted and true values of c and n for Iroko, Pine and Paulownia wood (continuation).

Sample (-)	Time (s)	c Predicted (kJ mol ⁻¹ K ⁻¹)	n Predicted (mol s ⁻¹)	c True (kJ mol ⁻¹ K ⁻¹)	n True (mol s ⁻¹)
Iroko	205	0.04607	0.83662	0.04969	0.80976
Iroko	210	0.04598	0.83677	0.04906	0.80981
Iroko	215	0.04585	0.83715	0.04994	0.81004
Iroko	220	0.04572	0.83753	0.04807	0.81025
Iroko	225	0.04566	0.83756	0.04791	0.81020
Iroko	230	0.04561	0.83755	0.04850	0.81013
Iroko	235	0.04548	0.83800	0.04840	0.81036
Iroko	240	0.04539	0.83823	0.04799	0.81044
Iroko	245	0.04528	0.83857	0.04860	0.81058
Iroko	250	0.04514	0.83912	0.04810	0.81084
Iroko	255	0.04505	0.83938	0.04826	0.81094
Iroko	260	0.04502	0.83931	0.04837	0.81083
Iroko	265	0.04502	0.83906	0.04843	0.81062
Iroko	270	0.04498	0.83910	0.04818	0.81058
Iroko	275	0.04494	0.83912	0.04822	0.81053
Iroko	280	0.04488	0.83924	0.04727	0.81055
Iroko	285	0.04486	0.83914	0.04751	0.81043
Iroko	290	0.04486	0.83895	0.04760	0.81025
Iroko	295	0.04482	0.83898	0.04743	0.81021
Iroko	300	0.04475	0.83919	0.04775	0.81028
Iroko	305	0.04472	0.83915	0.04724	0.81020
Iroko	310	0.04466	0.83935	0.04715	0.81028
Iroko	315	0.04461	0.83948	0.04796	0.81033
Iroko	320	0.04458	0.83947	0.04699	0.81027
Iroko	325	0.04454	0.83949	0.04693	0.81025
Iroko	330	0.04450	0.83961	0.04716	0.81029
Iroko	335	0.04446	0.83967	0.04695	0.81030
Iroko	340	0.04444	0.83962	0.04619	0.81022
Iroko	345	0.04444	0.83948	0.04609	0.81009
Iroko	350	0.04441	0.83953	0.04601	0.81010
Iroko	355	0.04440	0.83939	0.04765	0.80996
Iroko	360	0.04438	0.83933	0.04630	0.80989
Iroko	365	0.04435	0.83945	0.04594	0.80997
Iroko	370	0.04433	0.83938	0.04658	0.80990
Iroko	375	0.04434	0.83916	0.04700	0.80967
Iroko	380	0.04433	0.83907	0.04698	0.80956
Iroko	385	0.04432	0.83897	0.04776	0.80945
Iroko	390	0.04432	0.83877	0.04751	0.80927
Iroko	395	0.04431	0.83866	0.04623	0.80914
Iroko	400	0.04433	0.83832	0.04676	0.80882

Table S3. Predicted and true values of c and n for Iroko, Pine and Paulownia wood (continuation).

Sample (-)	Time (s)	c Predicted (kJ mol ⁻¹ K ⁻¹)	n Predicted (mol s ⁻¹)	c True (kJ mol ⁻¹ K ⁻¹)	n True (mol s ⁻¹)
Iroko	405	0.04431	0.83832	0.04789	0.80879
Iroko	410	0.04430	0.83821	0.04830	0.80867
Iroko	415	0.04431	0.83801	0.04842	0.80846
Iroko	420	0.04435	0.83752	0.04829	0.80801
Iroko	425	0.04437	0.83722	0.04809	0.80773
Iroko	430	0.04439	0.83696	0.04811	0.80747
Iroko	435	0.04442	0.83663	0.04831	0.80716
Iroko	440	0.04443	0.83639	0.04935	0.80694
Iroko	445	0.04448	0.83592	0.04918	0.80656
Iroko	450	0.04450	0.83562	0.04882	0.80629
Iroko	455	0.04452	0.83540	0.04864	0.80608
Iroko	460	0.04460	0.83474	0.04970	0.80556
Iroko	465	0.04467	0.83419	0.05022	0.80515
Iroko	470	0.04475	0.83351	0.04947	0.80468
Iroko	475	0.04486	0.83266	0.05014	0.80410
Iroko	480	0.04489	0.83223	0.05050	0.80379
Iroko	485	0.04491	0.83184	0.04947	0.80353
Iroko	490	0.04499	0.83097	0.04955	0.80300
Iroko	495	0.04507	0.83001	0.05028	0.80245
Iroko	500	0.04511	0.82912	0.05078	0.80195
Iroko	505	0.04512	0.82839	0.05040	0.80160
Iroko	510	0.04511	0.82756	0.05143	0.80121
Iroko	515	0.04509	0.82619	0.04921	0.80063
Iroko	520	0.04503	0.82452	0.05102	0.79999
Iroko	525	0.04494	0.82332	0.05150	0.79959
Iroko	530	0.04478	0.82121	0.05100	0.79890
Iroko	535	0.04453	0.81836	0.05178	0.79798
Iroko	540	0.04430	0.81610	0.05120	0.79722
Iroko	545	0.04411	0.81414	0.05197	0.79649
Iroko	550	0.04396	0.81251	0.05145	0.79575
Iroko	555	0.04387	0.81122	0.05222	0.79503
Iroko	560	0.04382	0.81008	0.05097	0.79424
Iroko	565	0.04381	0.80921	0.05200	0.79352
Iroko	570	0.04385	0.80819	0.05247	0.79248
Iroko	575	0.04391	0.80739	0.05260	0.79165
Iroko	580	0.04403	0.80642	0.05253	0.79060
Iroko	585	0.04419	0.80536	0.05220	0.78954
Iroko	590	0.04435	0.80432	0.05122	0.78861
Iroko	595	0.04454	0.80318	0.05218	0.78766
Iroko	600	0.04483	0.80154	0.05184	0.78641

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Sample (-)	Time (s)	c Predicted (kJ mol ⁻¹ K ⁻¹)	n Predicted (mol s ⁻¹)	c True (kJ mol ⁻¹ K ⁻¹)	n True (mol s ⁻¹)
Iroko	605	0.04500	0.80053	0.05293	0.78571
Iroko	610	0.04525	0.79917	0.05247	0.78480
Iroko	615	0.04549	0.79778	0.05341	0.78391
Iroko	620	0.04581	0.79605	0.05416	0.78286
Iroko	625	0.04614	0.79422	0.05404	0.78178
Iroko	630	0.04665	0.79156	0.05598	0.78026
Iroko	635	0.04709	0.78921	0.05540	0.77891
Iroko	640	0.04753	0.78690	0.05512	0.77755
Iroko	645	0.04793	0.78486	0.05497	0.77628
Iroko	650	0.04817	0.78359	0.05442	0.77544
Iroko	655	0.04848	0.78200	0.05562	0.77435
Iroko	660	0.04880	0.78039	0.05621	0.77314
Iroko	665	0.04914	0.77877	0.05605	0.77175
Iroko	670	0.04940	0.77754	0.05599	0.77053
Iroko	675	0.04968	0.77630	0.05538	0.76902
Iroko	680	0.04986	0.77548	0.05666	0.76772
Iroko	685	0.05001	0.77479	0.05634	0.76627
Iroko	690	0.05008	0.77429	0.05805	0.76479
Iroko	695	0.05006	0.77380	0.05693	0.76299
Iroko	700	0.04991	0.77325	0.05798	0.76136
Iroko	705	0.04961	0.77237	0.05795	0.75984
Iroko	710	0.04915	0.77085	0.05799	0.75830
Iroko	715	0.04858	0.76886	0.05797	0.75694
Iroko	720	0.04806	0.76732	0.05675	0.75604
Iroko	725	0.04754	0.76596	0.05595	0.75529
Iroko	730	0.04695	0.76444	0.05684	0.75452
Iroko	735	0.04630	0.76284	0.05763	0.75373
Iroko	740	0.04540	0.76028	0.05871	0.75262
Iroko	745	0.04458	0.75838	0.05872	0.75168
Iroko	750	0.04367	0.75641	0.05855	0.75051
Iroko	755	0.04302	0.75566	0.05807	0.74975
Iroko	760	0.04245	0.75528	0.05962	0.74910
Iroko	765	0.04191	0.75497	0.05830	0.74829
Iroko	770	0.04150	0.75518	0.05739	0.74822
Iroko	775	0.04125	0.75614	0.05473	0.74886
Iroko	780	0.04145	0.75897	0.05213	0.75006
Iroko	785	0.04269	0.76537	0.05031	0.75205
Iroko	790	0.04499	0.77266	0.04742	0.75487
Iroko	795	0.04743	0.77516	0.04373	0.75854
Iroko	800	0.04878	0.77461	0.03971	0.76259

Table S3. Predicted and true values of c and n for Iroko, Pine and Paulownia wood (continuation).

Sample (-)	Time (s)	c Predicted (kJ mol ⁻¹ K ⁻¹)	n Predicted (mol s ⁻¹)	c True (kJ mol ⁻¹ K ⁻¹)	n True (mol s ⁻¹)
Iroko	805	0.04896	0.77571	0.03776	0.76682
Iroko	810	0.04830	0.77936	0.03636	0.77078
Iroko	815	0.04727	0.78432	0.03618	0.77427
Iroko	820	0.04627	0.78896	0.03617	0.77713
Iroko	825	0.04528	0.79353	0.03702	0.78017
Iroko	830	0.04468	0.79637	0.03618	0.78273
Iroko	835	0.04438	0.79799	0.03620	0.78513
Iroko	840	0.04419	0.79921	0.03446	0.78747
Iroko	845	0.04378	0.80148	0.03465	0.78977
Iroko	850	0.04307	0.80491	0.03486	0.79168
Iroko	855	0.04218	0.80907	0.03445	0.79347
Iroko	860	0.04131	0.81298	0.03448	0.79526
Iroko	865	0.04067	0.81589	0.03473	0.79702
Iroko	870	0.04030	0.81765	0.03557	0.79855
Iroko	875	0.04011	0.81907	0.03548	0.80005
Iroko	880	0.04007	0.82036	0.03507	0.80131
Iroko	885	0.04016	0.82224	0.03584	0.80264
Iroko	890	0.04047	0.82521	0.03681	0.80405
Iroko	895	0.04092	0.82879	0.03647	0.80530
Iroko	900	0.04147	0.83291	0.03583	0.80648
Iroko	905	0.04198	0.83681	0.03629	0.80753
Iroko	910	0.04233	0.83966	0.03647	0.80834
Iroko	915	0.04263	0.84231	0.03658	0.80918
Iroko	920	0.04285	0.84456	0.03642	0.81001
Iroko	925	0.04296	0.84623	0.03637	0.81079
Iroko	930	0.04302	0.84780	0.03795	0.81181
Iroko	935	0.04298	0.84867	0.03677	0.81266
Iroko	940	0.04286	0.84921	0.03807	0.81357
Iroko	945	0.04272	0.84935	0.03741	0.81419
Iroko	950	0.04255	0.84937	0.03743	0.81485
Iroko	955	0.04240	0.84928	0.03741	0.81530
Iroko	960	0.04224	0.84915	0.03774	0.81572
Iroko	965	0.04205	0.84897	0.03826	0.81635
Iroko	970	0.04190	0.84878	0.03749	0.81672
Iroko	975	0.04171	0.84854	0.03795	0.81735
Iroko	980	0.04154	0.84829	0.03895	0.81787
Iroko	985	0.04138	0.84804	0.03843	0.81838
Iroko	990	0.04122	0.84779	0.03772	0.81886
Iroko	995	0.04107	0.84753	0.03844	0.81938
Iroko	1000	0.04095	0.84733	0.03947	0.81972

Table S3. Predicted and true values of c and n for Iroko, Pine and Paulownia wood (continuation).

Sample (-)	Time (s)	c Predicted (kJ mol ⁻¹ K ⁻¹)	n Predicted (mol s ⁻¹)	c True (kJ mol ⁻¹ K ⁻¹)	n True (mol s ⁻¹)
Iroko	1005	0.04083	0.84711	0.03991	0.82011
Iroko	1010	0.04073	0.84694	0.04051	0.82038
Iroko	1015	0.04065	0.84679	0.04088	0.82058
Iroko	1020	0.04055	0.84660	0.04003	0.82099
Iroko	1025	0.04046	0.84642	0.04051	0.82138
Iroko	1030	0.04036	0.84622	0.04070	0.82184
Iroko	1035	0.04027	0.84602	0.04039	0.82238
Iroko	1040	0.04020	0.84586	0.04023	0.82275
Iroko	1045	0.04015	0.84574	0.04139	0.82304
Iroko	1050	0.04010	0.84563	0.04165	0.82332
Iroko	1055	0.04006	0.84551	0.04150	0.82364
Iroko	1060	0.04001	0.84539	0.04228	0.82400
Iroko	1065	0.03999	0.84533	0.04207	0.82414
Iroko	1070	0.03996	0.84524	0.04247	0.82438
Iroko	1075	0.03993	0.84515	0.04291	0.82469
Iroko	1080	0.03991	0.84505	0.04308	0.82506
Iroko	1085	0.03989	0.84501	0.04288	0.82521
Iroko	1090	0.03989	0.84497	0.04300	0.82538
Iroko	1095	0.03988	0.84490	0.04252	0.82568
Iroko	1100	0.03987	0.84481	0.04314	0.82605
Iroko	1105	0.03987	0.84470	0.04281	0.82648
Iroko	1110	0.03987	0.84470	0.04368	0.82658
Iroko	1115	0.03988	0.84464	0.04337	0.82688
Iroko	1120	0.03989	0.84464	0.04259	0.82703
Iroko	1125	0.03991	0.84464	0.04277	0.82715
Iroko	1130	0.03993	0.84465	0.04386	0.82729
Iroko	1135	0.03995	0.84465	0.04328	0.82747
Iroko	1140	0.03997	0.84464	0.04333	0.82767
Iroko	1145	0.04000	0.84465	0.04406	0.82787
Iroko	1150	0.04003	0.84469	0.04284	0.82796
Iroko	1155	0.04006	0.84475	0.04301	0.82803
Iroko	1160	0.04010	0.84473	0.04370	0.82834
Iroko	1165	0.04014	0.84475	0.04319	0.82853
Iroko	1170	0.04019	0.84471	0.04476	0.82891
Iroko	1175	0.04024	0.84469	0.04566	0.82928
Iroko	1180	0.04029	0.84475	0.04645	0.82943
Iroko	1185	0.04034	0.84487	0.04645	0.82938
Iroko	1190	0.04040	0.84489	0.04596	0.82968
Iroko	1195	0.04047	0.84492	0.04513	0.83003
Iroko	1200	0.04053	0.84500	0.04518	0.83014

Table S3. Predicted and true values of c and n for Iroko, Pine and Paulownia wood (continuation).

Sample (-)	Time (s)	c Predicted (kJ mol ⁻¹ K ⁻¹)	n Predicted (mol s ⁻¹)	c True (kJ mol ⁻¹ K ⁻¹)	n True (mol s ⁻¹)
Iroko	1205	0.04060	0.84510	0.04565	0.83026
Iroko	1210	0.04066	0.84521	0.04697	0.83034
Iroko	1215	0.04075	0.84527	0.04709	0.83070
Iroko	1220	0.04082	0.84540	0.04837	0.83070
Iroko	1225	0.04089	0.84553	0.04607	0.83074
Iroko	1230	0.04096	0.84568	0.04517	0.83068
Iroko	1235	0.04104	0.84578	0.04397	0.83087
Iroko	1240	0.04112	0.84592	0.04440	0.83094
Iroko	1245	0.04121	0.84604	0.04562	0.83107
Iroko	1250	0.04130	0.84618	0.04568	0.83113
Iroko	1255	0.04140	0.84629	0.04713	0.83134
Iroko	1260	0.04150	0.84642	0.04837	0.83159
Iroko	1265	0.04161	0.84655	0.04720	0.83176
Iroko	1270	0.04169	0.84668	0.04688	0.83172
Iroko	1275	0.04178	0.84681	0.04600	0.83183
Iroko	1280	0.04190	0.84695	0.04626	0.83207
Iroko	1285	0.04201	0.84709	0.04657	0.83223
Iroko	1290	0.04210	0.84720	0.04851	0.83224
Iroko	1295	0.04221	0.84733	0.04897	0.83240
Iroko	1300	0.04231	0.84744	0.04829	0.83249
Iroko	1305	0.04239	0.84750	0.04816	0.83245
Iroko	1310	0.04247	0.84757	0.04638	0.83243
Iroko	1315	0.04257	0.84766	0.04759	0.83253
Iroko	1320	0.04266	0.84771	0.04874	0.83255
Iroko	1325	0.04274	0.84776	0.05012	0.83258
Iroko	1330	0.04283	0.84780	0.04940	0.83261
Iroko	1335	0.04292	0.84783	0.04912	0.83268
Iroko	1340	0.04304	0.84788	0.04891	0.83286
Iroko	1345	0.04317	0.84795	0.04866	0.83307
Iroko	1350	0.04324	0.84793	0.04990	0.83306
Iroko	1355	0.04332	0.84790	0.04957	0.83310
Iroko	1360	0.04344	0.84793	0.05028	0.83326
Iroko	1365	0.04353	0.84791	0.04935	0.83335
Iroko	1370	0.04362	0.84787	0.04942	0.83341
Iroko	1375	0.04374	0.84790	0.05036	0.83358
Iroko	1380	0.04383	0.84785	0.05028	0.83365
Iroko	1385	0.04398	0.84793	0.05179	0.83388
Iroko	1390	0.04403	0.84775	0.05120	0.83383
Iroko	1395	0.04416	0.84778	0.05107	0.83400
Iroko	1400	0.04421	0.84761	0.05121	0.83398

Table S3. Predicted and true values of c and n for Iroko, Pine and Paulownia wood (continuation).

Sample (-)	Time (s)	c Predicted (kJ mol ⁻¹ K ⁻¹)	n Predicted (mol s ⁻¹)	c True (kJ mol ⁻¹ K ⁻¹)	n True (mol s ⁻¹)
Iroko	1405	0.04431	0.84754	0.05012	0.83407
Iroko	1410	0.04441	0.84747	0.05055	0.83416
Iroko	1415	0.04448	0.84731	0.05171	0.83418
Iroko	1420	0.04462	0.84735	0.05231	0.83436
Iroko	1425	0.04462	0.84700	0.05267	0.83425
Iroko	1430	0.04466	0.84676	0.05254	0.83422
Iroko	1435	0.04460	0.84639	0.04938	0.83399
Iroko	1440	0.04464	0.84618	0.04842	0.83397
Iroko	1445	0.04471	0.84602	0.04951	0.83403
Iroko	1450	0.04479	0.84586	0.04720	0.83409
Iroko	1455	0.04497	0.84584	0.05005	0.83436
Iroko	1460	0.04496	0.84555	0.04999	0.83424
Iroko	1465	0.04509	0.84546	0.05058	0.83440
Iroko	1470	0.04518	0.84530	0.05137	0.83448
Iroko	1475	0.04529	0.84518	0.05293	0.83458
Iroko	1480	0.04537	0.84501	0.05092	0.83463
Iroko	1485	0.04551	0.84495	0.04901	0.83478
Iroko	1490	0.04567	0.84498	0.05007	0.83497
Iroko	1495	0.04579	0.84490	0.05202	0.83508
Iroko	1500	0.04573	0.84444	0.05132	0.83492
Iroko	1505	0.04573	0.84414	0.04999	0.83486
Iroko	1510	0.04571	0.84384	0.05040	0.83476
Iroko	1515	0.04570	0.84359	0.05089	0.83470
Iroko	1520	0.04567	0.84336	0.05020	0.83459
Iroko	1525	0.04580	0.84323	0.05191	0.83473
Iroko	1530	0.04588	0.84309	0.05129	0.83479
Iroko	1535	0.04599	0.84297	0.05148	0.83488
Iroko	1540	0.04603	0.84280	0.05011	0.83489
Iroko	1545	0.04603	0.84260	0.05182	0.83483
Iroko	1550	0.04612	0.84248	0.05263	0.83490
Iroko	1555	0.04625	0.84239	0.05266	0.83503
Iroko	1560	0.04622	0.84220	0.05100	0.83495
Iroko	1565	0.04632	0.84209	0.05097	0.83502
Iroko	1570	0.04636	0.84196	0.05137	0.83503
Iroko	1575	0.04649	0.84189	0.05282	0.83514
Iroko	1580	0.04658	0.84180	0.05255	0.83521
Iroko	1585	0.04681	0.84190	0.05500	0.83544
Iroko	1590	0.04693	0.84187	0.05584	0.83552
Iroko	1595	0.04702	0.84183	0.05400	0.83558
Iroko	1600	0.04715	0.84185	0.05130	0.83568

Table S3. Predicted and true values of c and n for Iroko, Pine and Paulownia wood (continuation).

Sample (-)	Time (s)	c Predicted (kJ mol ⁻¹ K ⁻¹)	n Predicted (mol s ⁻¹)	c True (kJ mol ⁻¹ K ⁻¹)	n True (mol s ⁻¹)
Iroko	1605	0.04720	0.84176	0.05238	0.83570
Iroko	1610	0.04718	0.84154	0.05111	0.83563
Iroko	1615	0.04732	0.84160	0.05258	0.83574
Iroko	1620	0.04733	0.84145	0.05179	0.83571
Iroko	1625	0.04720	0.84115	0.05048	0.83555
Iroko	1630	0.04724	0.84108	0.05215	0.83555
Iroko	1635	0.04728	0.84100	0.05368	0.83555
Iroko	1640	0.04758	0.84125	0.05379	0.83582
Iroko	1645	0.04766	0.84122	0.05449	0.83585
Iroko	1650	0.04766	0.84110	0.05270	0.83581
Iroko	1655	0.04763	0.84094	0.05465	0.83576
Iroko	1660	0.04764	0.84084	0.05484	0.83573
Iroko	1665	0.04772	0.84083	0.05465	0.83577
Iroko	1670	0.04771	0.84072	0.05147	0.83574
Iroko	1675	0.04766	0.84060	0.05091	0.83564
Iroko	1680	0.04782	0.84063	0.05126	0.83577
Iroko	1685	0.04781	0.84054	0.05332	0.83572
Iroko	1690	0.04771	0.84041	0.05105	0.83560
Iroko	1695	0.04793	0.84043	0.05190	0.83576
Iroko	1700	0.04788	0.84032	0.04976	0.83567
Iroko	1705	0.04790	0.84025	0.04824	0.83567
Iroko	1710	0.04817	0.84030	0.04752	0.83588
Iroko	1715	0.04836	0.84034	0.05038	0.83602
Iroko	1720	0.04834	0.84017	0.05128	0.83596
Iroko	1725	0.04850	0.84018	0.05410	0.83607
Iroko	1730	0.04846	0.83997	0.05329	0.83599
Iroko	1735	0.04869	0.84004	0.05337	0.83617
Iroko	1740	0.04887	0.84009	0.05344	0.83628
Iroko	1745	0.04885	0.83982	0.05267	0.83623
Iroko	1750	0.04890	0.83965	0.05240	0.83623
Iroko	1755	0.04924	0.83995	0.05359	0.83647
Iroko	1760	0.04933	0.83982	0.05478	0.83651
Iroko	1765	0.04943	0.83971	0.05460	0.83656
Iroko	1770	0.04902	0.83871	0.05282	0.83618
Iroko	1775	0.04918	0.83858	0.05208	0.83627
Iroko	1780	0.04930	0.83841	0.04999	0.83633
Iroko	1785	0.04948	0.83831	0.05096	0.83644
Iroko	1790	0.04935	0.83772	0.05271	0.83630
Iroko	1795	0.04939	0.83737	0.05294	0.83629
Iroko	1800	0.04935	0.83691	0.05314	0.83621

Table S3. Predicted and true values of c and n for Iroko, Pine and Paulownia wood (continuation).

Sample (-)	Time (s)	c Predicted (kJ mol ⁻¹ K ⁻¹)	n Predicted (mol s ⁻¹)	c True (kJ mol ⁻¹ K ⁻¹)	n True (mol s ⁻¹)
Pine	0	0.24656	0.85066	0.24520	0.86175
Pine	5	0.15979	0.85066	0.17842	0.85161
Pine	10	0.11252	0.84392	0.14313	0.84328
Pine	15	0.09142	0.83384	0.11681	0.83644
Pine	20	0.08053	0.83235	0.10317	0.83197
Pine	25	0.07405	0.83221	0.09358	0.82922
Pine	30	0.06941	0.83208	0.08535	0.82706
Pine	35	0.06596	0.83194	0.08048	0.82553
Pine	40	0.06332	0.83190	0.07424	0.82467
Pine	45	0.06124	0.83205	0.07168	0.82454
Pine	50	0.05949	0.83227	0.07074	0.82472
Pine	55	0.05790	0.83238	0.06778	0.82461
Pine	60	0.05659	0.83267	0.06685	0.82508
Pine	65	0.05539	0.83283	0.06700	0.82526
Pine	70	0.05435	0.83299	0.06336	0.82551
Pine	75	0.05344	0.83316	0.06147	0.82583
Pine	80	0.05265	0.83339	0.06031	0.82637
Pine	85	0.05198	0.83375	0.06059	0.82742
Pine	90	0.05136	0.83400	0.05981	0.82814
Pine	95	0.05080	0.83416	0.05996	0.82862
Pine	100	0.05028	0.83417	0.05925	0.82863
Pine	105	0.04983	0.83434	0.05993	0.82910
Pine	110	0.04943	0.83456	0.06004	0.82970
Pine	115	0.04907	0.83468	0.06003	0.82997
Pine	120	0.04875	0.83468	0.05867	0.82996
Pine	125	0.04846	0.83478	0.05866	0.83017
Pine	130	0.04819	0.83498	0.05823	0.83059
Pine	135	0.04792	0.83532	0.06008	0.83117
Pine	140	0.04771	0.83536	0.06002	0.83119
Pine	145	0.04755	0.83524	0.06136	0.83099
Pine	150	0.04736	0.83539	0.05913	0.83118
Pine	155	0.04719	0.83556	0.05782	0.83138
Pine	160	0.04708	0.83544	0.05600	0.83121
Pine	165	0.04691	0.83571	0.05491	0.83149
Pine	170	0.04673	0.83610	0.05518	0.83189
Pine	175	0.04663	0.83610	0.05558	0.83185
Pine	180	0.04651	0.83624	0.05623	0.83194
Pine	185	0.04642	0.83630	0.05665	0.83191
Pine	190	0.04630	0.83650	0.05663	0.83205
Pine	195	0.04628	0.83619	0.05756	0.83171
Pine	200	0.04621	0.83620	0.05672	0.83166

Table S3. Predicted and true values of c and n for Iroko, Pine and Paulownia wood (continuation).

Sample (-)	Time (s)	c Predicted (kJ mol ⁻¹ K ⁻¹)	n Predicted (mol s ⁻¹)	c True (kJ mol ⁻¹ K ⁻¹)	n True (mol s ⁻¹)
Pine	205	0.04616	0.83615	0.05626	0.83156
Pine	210	0.04603	0.83650	0.05623	0.83180
Pine	215	0.04599	0.83639	0.05580	0.83167
Pine	220	0.04596	0.83627	0.05713	0.83151
Pine	225	0.04605	0.83556	0.05745	0.83085
Pine	230	0.04607	0.83520	0.05810	0.83046
Pine	235	0.04599	0.83533	0.05677	0.83053
Pine	240	0.04604	0.83485	0.05660	0.83003
Pine	245	0.04610	0.83433	0.05715	0.82946
Pine	250	0.04615	0.83386	0.05809	0.82890
Pine	255	0.04626	0.83309	0.05806	0.82790
Pine	260	0.04624	0.83300	0.05926	0.82776
Pine	265	0.04628	0.83256	0.05711	0.82714
Pine	270	0.04629	0.83232	0.05831	0.82677
Pine	275	0.04637	0.83175	0.05765	0.82577
Pine	280	0.04641	0.83133	0.05597	0.82502
Pine	285	0.04644	0.83099	0.05810	0.82441
Pine	290	0.04648	0.83055	0.05560	0.82361
Pine	295	0.04651	0.83013	0.05527	0.82287
Pine	300	0.04648	0.83005	0.05445	0.82283
Pine	305	0.04645	0.83001	0.05578	0.82290
Pine	310	0.04643	0.82986	0.05707	0.82276
Pine	315	0.04643	0.82958	0.05535	0.82238
Pine	320	0.04643	0.82928	0.05556	0.82201
Pine	325	0.04643	0.82885	0.05487	0.82147
Pine	330	0.04643	0.82827	0.05419	0.82081
Pine	335	0.04641	0.82780	0.05388	0.82038
Pine	340	0.04637	0.82765	0.05375	0.82035
Pine	345	0.04634	0.82752	0.05315	0.82034
Pine	350	0.04630	0.82710	0.05306	0.82005
Pine	355	0.04626	0.82658	0.05367	0.81970
Pine	360	0.04620	0.82600	0.05409	0.81939
Pine	365	0.04614	0.82548	0.05524	0.81916
Pine	370	0.04607	0.82488	0.05528	0.81889
Pine	375	0.04599	0.82419	0.05490	0.81861
Pine	380	0.04585	0.82285	0.05412	0.81803
Pine	385	0.04571	0.82157	0.05442	0.81757
Pine	390	0.04551	0.81975	0.05446	0.81696
Pine	395	0.04547	0.81980	0.05515	0.81710
Pine	400	0.04536	0.81903	0.05650	0.81687

Table S3. Predicted and true values of c and n for Iroko, Pine and Paulownia wood (continuation).

Sample (-)	Time (s)	c Predicted (kJ mol ⁻¹ K ⁻¹)	n Predicted (mol s ⁻¹)	c True (kJ mol ⁻¹ K ⁻¹)	n True (mol s ⁻¹)
Pine	405	0.04523	0.81797	0.05505	0.81656
Pine	410	0.04505	0.81634	0.05620	0.81605
Pine	415	0.04493	0.81524	0.05699	0.81571
Pine	420	0.04476	0.81292	0.05498	0.81479
Pine	425	0.04469	0.81141	0.05481	0.81416
Pine	430	0.04464	0.81115	0.05544	0.81404
Pine	435	0.04459	0.81125	0.05652	0.81415
Pine	440	0.04457	0.81008	0.05569	0.81356
Pine	445	0.04457	0.80914	0.05533	0.81302
Pine	450	0.04459	0.80837	0.05632	0.81254
Pine	455	0.04451	0.80876	0.05711	0.81285
Pine	460	0.04456	0.80784	0.05702	0.81227
Pine	465	0.04469	0.80658	0.05634	0.81137
Pine	470	0.04481	0.80562	0.05634	0.81068
Pine	475	0.04491	0.80479	0.05739	0.81005
Pine	480	0.04508	0.80370	0.05731	0.80927
Pine	485	0.04526	0.80255	0.05695	0.80849
Pine	490	0.04542	0.80157	0.05723	0.80780
Pine	495	0.04560	0.80052	0.05749	0.80711
Pine	500	0.04583	0.79918	0.05728	0.80624
Pine	505	0.04591	0.79865	0.05748	0.80588
Pine	510	0.04613	0.79736	0.05646	0.80508
Pine	515	0.04628	0.79647	0.05667	0.80451
Pine	520	0.04630	0.79624	0.05728	0.80436
Pine	525	0.04649	0.79513	0.05782	0.80366
Pine	530	0.04675	0.79371	0.05699	0.80280
Pine	535	0.04694	0.79262	0.05802	0.80213
Pine	540	0.04710	0.79173	0.05796	0.80159
Pine	545	0.04718	0.79118	0.05808	0.80124
Pine	550	0.04739	0.79002	0.05807	0.80052
Pine	555	0.04763	0.78871	0.05829	0.79970
Pine	560	0.04784	0.78760	0.05811	0.79899
Pine	565	0.04807	0.78639	0.05798	0.79819
Pine	570	0.04818	0.78573	0.06011	0.79773
Pine	575	0.04839	0.78462	0.05816	0.79696
Pine	580	0.04865	0.78336	0.05852	0.79604
Pine	585	0.04894	0.78199	0.05964	0.79496
Pine	590	0.04928	0.78047	0.06054	0.79362
Pine	595	0.04967	0.77888	0.05903	0.79197
Pine	600	0.04985	0.77813	0.05812	0.79107

Table S3. Predicted and true values of c and n for Iroko, Pine and Paulownia wood (continuation).

Sample (-)	Time (s)	c Predicted (kJ mol ⁻¹ K ⁻¹)	n Predicted (mol s ⁻¹)	c True (kJ mol ⁻¹ K ⁻¹)	n True (mol s ⁻¹)
Pine	605	0.04996	0.77762	0.06014	0.79042
Pine	610	0.05013	0.77694	0.06115	0.78941
Pine	615	0.05034	0.77620	0.06103	0.78807
Pine	620	0.05050	0.77562	0.06135	0.78686
Pine	625	0.05054	0.77534	0.06079	0.78630
Pine	630	0.05062	0.77488	0.06007	0.78526
Pine	635	0.05065	0.77454	0.05993	0.78455
Pine	640	0.05067	0.77405	0.06005	0.78359
Pine	645	0.05064	0.77378	0.06122	0.78310
Pine	650	0.05061	0.77334	0.05964	0.78239
Pine	655	0.05055	0.77285	0.05862	0.78168
Pine	660	0.05049	0.77312	0.05984	0.78192
Pine	665	0.05042	0.77301	0.05790	0.78168
Pine	670	0.05035	0.77311	0.05627	0.78172
Pine	675	0.05029	0.77337	0.05720	0.78208
Pine	680	0.05023	0.77364	0.05577	0.78257
Pine	685	0.05018	0.77391	0.05488	0.78336
Pine	690	0.05008	0.77429	0.05346	0.78486
Pine	695	0.04991	0.77477	0.05318	0.78649
Pine	700	0.04964	0.77569	0.05210	0.78838
Pine	705	0.04927	0.77711	0.05007	0.79027
Pine	710	0.04883	0.77896	0.04799	0.79208
Pine	715	0.04823	0.78173	0.04628	0.79423
Pine	720	0.04744	0.78548	0.04495	0.79667
Pine	725	0.04667	0.78917	0.04291	0.79887
Pine	730	0.04559	0.79438	0.04094	0.80204
Pine	735	0.04475	0.79843	0.03934	0.80496
Pine	740	0.04415	0.80146	0.03622	0.80828
Pine	745	0.04385	0.80319	0.03375	0.81131
Pine	750	0.04323	0.80660	0.03157	0.81479
Pine	755	0.04206	0.81270	0.03097	0.81801
Pine	760	0.04128	0.81815	0.03071	0.82071
Pine	765	0.04125	0.82278	0.03009	0.82307
Pine	770	0.04178	0.82780	0.02886	0.82532
Pine	775	0.04251	0.83301	0.03002	0.82758
Pine	780	0.04318	0.83784	0.03006	0.82982
Pine	785	0.04374	0.84206	0.02973	0.83173
Pine	790	0.04435	0.84698	0.02975	0.83399
Pine	795	0.04455	0.84895	0.02994	0.83508
Pine	800	0.04468	0.85071	0.02906	0.83633

Table S3. Predicted and true values of c and n for Iroko, Pine and Paulownia wood (continuation).

Sample (-)	Time (s)	c Predicted (kJ mol ⁻¹ K ⁻¹)	n Predicted (mol s ⁻¹)	c True (kJ mol ⁻¹ K ⁻¹)	n True (mol s ⁻¹)
Pine	805	0.04470	0.85213	0.02977	0.83787
Pine	810	0.04460	0.85278	0.03016	0.83924
Pine	815	0.04441	0.85300	0.03153	0.84058
Pine	820	0.04422	0.85294	0.03282	0.84155
Pine	825	0.04404	0.85277	0.03217	0.84228
Pine	830	0.04381	0.85250	0.03134	0.84329
Pine	835	0.04359	0.85219	0.03267	0.84403
Pine	840	0.04335	0.85181	0.03273	0.84481
Pine	845	0.04311	0.85141	0.03383	0.84561
Pine	850	0.04290	0.85103	0.03320	0.84628
Pine	855	0.04269	0.85066	0.03375	0.84686
Pine	860	0.04251	0.85033	0.03281	0.84729
Pine	865	0.04224	0.84984	0.03657	0.84819
Pine	870	0.04205	0.84948	0.03599	0.84874
Pine	875	0.04192	0.84924	0.03566	0.84891
Pine	880	0.04176	0.84894	0.03522	0.84931
Pine	885	0.04159	0.84864	0.03597	0.84986
Pine	890	0.04140	0.84835	0.03734	0.85049
Pine	895	0.04125	0.84812	0.03784	0.85099
Pine	900	0.04110	0.84794	0.03840	0.85147
Pine	905	0.04101	0.84777	0.03448	0.85165
Pine	910	0.04082	0.84778	0.03544	0.85258
Pine	915	0.04069	0.84784	0.03520	0.85312
Pine	920	0.04061	0.84781	0.03547	0.85334
Pine	925	0.04050	0.84805	0.03643	0.85388
Pine	930	0.04042	0.84819	0.03652	0.85418
Pine	935	0.04035	0.84838	0.03702	0.85447
Pine	940	0.04030	0.84838	0.03517	0.85459
Pine	945	0.04023	0.84867	0.03654	0.85489
Pine	950	0.04016	0.84951	0.03902	0.85546
Pine	955	0.04008	0.85061	0.04114	0.85598
Pine	960	0.03999	0.85290	0.04293	0.85679
Pine	965	0.03995	0.85381	0.04166	0.85705
Pine	970	0.03993	0.85390	0.04442	0.85710
Pine	975	0.03990	0.85419	0.04206	0.85716
Pine	980	0.03985	0.85632	0.04259	0.85763
Pine	985	0.03983	0.85664	0.04357	0.85774
Pine	990	0.03986	0.85430	0.04117	0.85729
Pine	995	0.03985	0.85430	0.04429	0.85732
Pine	1000	0.03982	0.85590	0.04481	0.85767

Table S3. Predicted and true values of c and n for Iroko, Pine and Paulownia wood (continuation).

Sample (-)	Time (s)	c Predicted (kJ mol ⁻¹ K ⁻¹)	n Predicted (mol s ⁻¹)	c True (kJ mol ⁻¹ K ⁻¹)	n True (mol s ⁻¹)
Pine	1005	0.03980	0.85696	0.04648	0.85790
Pine	1010	0.03975	0.86073	0.04558	0.85853
Pine	1015	0.03973	0.86200	0.04335	0.85872
Pine	1020	0.03973	0.86234	0.04474	0.85877
Pine	1025	0.03973	0.86291	0.04583	0.85886
Pine	1030	0.03973	0.86396	0.04634	0.85899
Pine	1035	0.03973	0.86468	0.04496	0.85910
Pine	1040	0.03972	0.86693	0.04522	0.85936
Pine	1045	0.03974	0.86674	0.04567	0.85936
Pine	1050	0.03975	0.86761	0.04537	0.85949
Pine	1055	0.03976	0.86795	0.04597	0.85956
Pine	1060	0.03976	0.86983	0.04477	0.85975
Pine	1065	0.03980	0.86833	0.04620	0.85962
Pine	1070	0.03981	0.87025	0.04824	0.85981
Pine	1075	0.03981	0.87330	0.04777	0.86011
Pine	1080	0.03982	0.87680	0.04951	0.86042
Pine	1085	0.03984	0.87896	0.04739	0.86059
Pine	1090	0.03986	0.88096	0.04959	0.86077
Pine	1095	0.03990	0.88143	0.05217	0.86082
Pine	1100	0.03992	0.88538	0.05138	0.86112
Pine	1105	0.03996	0.88572	0.05063	0.86116
Pine	1110	0.04001	0.88496	0.04801	0.86112
Pine	1115	0.04006	0.88681	0.04592	0.86126
Pine	1120	0.04010	0.89137	0.04755	0.86158
Pine	1125	0.04016	0.89004	0.04675	0.86152
Pine	1130	0.04022	0.88799	0.04908	0.86141
Pine	1135	0.04028	0.88520	0.04893	0.86125
Pine	1140	0.04034	0.88685	0.05011	0.86137
Pine	1145	0.04041	0.88922	0.04826	0.86155
Pine	1150	0.04048	0.89009	0.04911	0.86161
Pine	1155	0.04055	0.89131	0.05088	0.86173
Pine	1160	0.04063	0.89122	0.05088	0.86174
Pine	1165	0.04072	0.89314	0.05033	0.86190
Pine	1170	0.04081	0.89419	0.04817	0.86198
Pine	1175	0.04090	0.89429	0.04614	0.86202
Pine	1180	0.04101	0.89779	0.04782	0.86226
Pine	1185	0.04109	0.89494	0.04917	0.86210
Pine	1190	0.04116	0.89121	0.04443	0.86191
Pine	1195	0.04129	0.89506	0.05010	0.86218
Pine	1200	0.04141	0.89612	0.04757	0.86229

Table S3. Predicted and true values of c and n for Iroko, Pine and Paulownia wood (continuation).

Sample (-)	Time (s)	c Predicted (kJ mol ⁻¹ K ⁻¹)	n Predicted (mol s ⁻¹)	c True (kJ mol ⁻¹ K ⁻¹)	n True (mol s ⁻¹)
Pine	1205	0.04155	0.89764	0.05155	0.86244
Pine	1210	0.04168	0.89866	0.05059	0.86252
Pine	1215	0.04189	0.90374	0.05393	0.86289
Pine	1220	0.04206	0.90495	0.05570	0.86301
Pine	1225	0.04212	0.90121	0.05317	0.86279
Pine	1230	0.04228	0.90220	0.05148	0.86288
Pine	1235	0.04260	0.90838	0.05483	0.86338
Pine	1240	0.04273	0.90727	0.05338	0.86337
Pine	1245	0.04280	0.90401	0.05258	0.86315
Pine	1250	0.04291	0.90241	0.05387	0.86308
Pine	1255	0.04322	0.90618	0.05772	0.86342
Pine	1260	0.04330	0.90346	0.05292	0.86325
Pine	1265	0.04339	0.90123	0.05082	0.86314
Pine	1270	0.04355	0.90058	0.05144	0.86314
Pine	1275	0.04373	0.90050	0.05341	0.86318
Pine	1280	0.04417	0.90534	0.05293	0.86364
Pine	1285	0.04451	0.90726	0.05375	0.86391
Pine	1290	0.04478	0.90771	0.05452	0.86402
Pine	1295	0.04517	0.90910	0.05566	0.86429
Pine	1300	0.04542	0.90872	0.05772	0.86437
Pine	1305	0.04526	0.90449	0.05449	0.86396
Pine	1310	0.04558	0.90506	0.05442	0.86415
Pine	1315	0.04564	0.90306	0.05554	0.86401
Pine	1320	0.04580	0.90205	0.05461	0.86398
Pine	1325	0.04602	0.90153	0.05398	0.86403
Pine	1330	0.04599	0.89878	0.05308	0.86376
Pine	1335	0.04656	0.90134	0.05255	0.86422
Pine	1340	0.04694	0.90165	0.05425	0.86445
Pine	1345	0.04699	0.90002	0.05525	0.86431
Pine	1350	0.04702	0.89827	0.05508	0.86415
Pine	1355	0.04717	0.89724	0.05294	0.86413
Pine	1360	0.04743	0.89694	0.05338	0.86421
Pine	1365	0.04761	0.89612	0.05441	0.86423
Pine	1370	0.04764	0.89457	0.05145	0.86410
Pine	1375	0.04805	0.89492	0.05365	0.86434
Pine	1380	0.04784	0.89220	0.05249	0.86397
Pine	1385	0.04819	0.89244	0.05363	0.86418
Pine	1390	0.04859	0.89257	0.05411	0.86442
Pine	1395	0.04885	0.89203	0.05442	0.86452
Pine	1400	0.04887	0.89080	0.05686	0.86440

Table S3. Predicted and true values of c and n for Iroko, Pine and Paulownia wood (continuation).

Sample (-)	Time (s)	c Predicted (kJ mol ⁻¹ K ⁻¹)	n Predicted (mol s ⁻¹)	c True (kJ mol ⁻¹ K ⁻¹)	n True (mol s ⁻¹)
Pine	1405	0.04887	0.88945	0.05372	0.86427
Pine	1410	0.04878	0.88768	0.05470	0.86405
Pine	1415	0.04879	0.88632	0.05285	0.86395
Pine	1420	0.04905	0.88612	0.05317	0.86407
Pine	1425	0.04924	0.88560	0.05313	0.86414
Pine	1430	0.04939	0.88492	0.05373	0.86415
Pine	1435	0.04959	0.88445	0.05381	0.86421
Pine	1440	0.04928	0.88196	0.05396	0.86380
Pine	1445	0.04940	0.88131	0.05627	0.86383
Pine	1450	0.04983	0.88189	0.05451	0.86412
Pine	1455	0.05026	0.88211	0.05547	0.86440
Pine	1460	0.05076	0.88210	0.05375	0.86472
Pine	1465	0.05083	0.88136	0.05252	0.86469
Pine	1470	0.05093	0.88069	0.05412	0.86468
Pine	1475	0.05111	0.88014	0.05583	0.86475
Pine	1480	0.05110	0.87939	0.05415	0.86465
Pine	1485	0.05159	0.87913	0.05747	0.86498
Pine	1490	0.05200	0.87853	0.05698	0.86523
Pine	1495	0.05179	0.87801	0.05689	0.86499
Pine	1500	0.05182	0.87746	0.05317	0.86493
Pine	1505	0.05205	0.87702	0.05364	0.86505
Pine	1510	0.05207	0.87653	0.05471	0.86501
Pine	1515	0.05217	0.87609	0.05523	0.86504
Pine	1520	0.05241	0.87569	0.05456	0.86519
Pine	1525	0.05235	0.87527	0.05160	0.86508
Pine	1530	0.05241	0.87489	0.05155	0.86507
Pine	1535	0.05226	0.87437	0.05014	0.86489
Pine	1540	0.05210	0.87371	0.04845	0.86470
Pine	1545	0.05216	0.87336	0.05212	0.86470
Pine	1550	0.05204	0.87267	0.05308	0.86452
Pine	1555	0.05271	0.87332	0.05319	0.86506
Pine	1560	0.05300	0.87322	0.05186	0.86526
Pine	1565	0.05265	0.87264	0.04919	0.86489
Pine	1570	0.05279	0.87253	0.05278	0.86498
Pine	1575	0.05275	0.87219	0.05496	0.86488
Pine	1580	0.05295	0.87222	0.05590	0.86502
Pine	1585	0.05301	0.87207	0.05577	0.86503
Pine	1590	0.05273	0.87131	0.05261	0.86473
Pine	1595	0.05267	0.87089	0.05221	0.86462
Pine	1600	0.05302	0.87145	0.05348	0.86489

Table S3. Predicted and true values of c and n for Iroko, Pine and Paulownia wood (continuation).

Sample (-)	Time (s)	c Predicted (kJ mol ⁻¹ K ⁻¹)	n Predicted (mol s ⁻¹)	c True (kJ mol ⁻¹ K ⁻¹)	n True (mol s ⁻¹)
Pine	1605	0.05329	0.87174	0.05470	0.86511
Pine	1610	0.05325	0.87151	0.05427	0.86503
Pine	1615	0.05336	0.87156	0.05476	0.86509
Pine	1620	0.05358	0.87180	0.05346	0.86526
Pine	1625	0.05389	0.87209	0.05652	0.86552
Pine	1630	0.05389	0.87205	0.05513	0.86548
Pine	1635	0.05413	0.87224	0.05672	0.86568
Pine	1640	0.05409	0.87221	0.05617	0.86561
Pine	1645	0.05437	0.87242	0.05816	0.86586
Pine	1650	0.05437	0.87246	0.05811	0.86582
Pine	1655	0.05434	0.87248	0.05412	0.86576
Pine	1660	0.05443	0.87258	0.05637	0.86581
Pine	1665	0.05442	0.87260	0.05826	0.86577
Pine	1670	0.05437	0.87257	0.05711	0.86569
Pine	1675	0.05450	0.87276	0.05756	0.86581
Pine	1680	0.05444	0.87270	0.05987	0.86569
Pine	1685	0.05458	0.87292	0.05481	0.86583
Pine	1690	0.05458	0.87293	0.05494	0.86578
Pine	1695	0.05472	0.87315	0.05654	0.86591
Pine	1700	0.05493	0.87344	0.05695	0.86615
Pine	1705	0.05512	0.87364	0.06064	0.86634
Pine	1710	0.05546	0.87380	0.05724	0.86673
Pine	1715	0.05513	0.87378	0.05439	0.86629
Pine	1720	0.05503	0.87372	0.05644	0.86615
Pine	1725	0.05509	0.87382	0.05796	0.86618
Pine	1730	0.05512	0.87388	0.05473	0.86618
Pine	1735	0.05522	0.87403	0.05548	0.86627
Pine	1740	0.05526	0.87410	0.06038	0.86629
Pine	1745	0.05540	0.87428	0.05532	0.86646
Pine	1750	0.05543	0.87432	0.05619	0.86643
Pine	1755	0.05547	0.87438	0.05835	0.86646
Pine	1760	0.05560	0.87453	0.05969	0.86662
Pine	1765	0.05560	0.87453	0.05995	0.86660
Pine	1770	0.05560	0.87451	0.05945	0.86657
Pine	1775	0.05573	0.87466	0.05993	0.86675
Pine	1780	0.05557	0.87437	0.05636	0.86648
Pine	1785	0.05557	0.87430	0.05403	0.86644
Pine	1790	0.05553	0.87412	0.05558	0.86633
Pine	1795	0.05531	0.87334	0.05508	0.86598
Pine	1800	0.05531	0.87314	0.05490	0.86595

Table S3. Predicted and true values of c and n for Iroko, Pine and Paulownia wood (continuation).

Sample (-)	Time (s)	c Predicted (kJ mol ⁻¹ K ⁻¹)	n Predicted (mol s ⁻¹)	c True (kJ mol ⁻¹ K ⁻¹)	n True (mol s ⁻¹)
Paulownia	0	0.27204	0.87483	0.24096	0.87326
Paulownia	5	0.16612	0.85005	0.16008	0.86099
Paulownia	10	0.12369	0.84963	0.11630	0.85494
Paulownia	15	0.10351	0.84479	0.08956	0.85132
Paulownia	20	0.09317	0.84280	0.07472	0.84984
Paulownia	25	0.08632	0.84287	0.06589	0.84946
Paulownia	30	0.08127	0.84428	0.06209	0.84977
Paulownia	35	0.07701	0.84598	0.05676	0.85026
Paulownia	40	0.07373	0.84840	0.05442	0.85121
Paulownia	45	0.07116	0.85083	0.05289	0.85237
Paulownia	50	0.06889	0.85255	0.05310	0.85336
Paulownia	55	0.06689	0.85373	0.05051	0.85423
Paulownia	60	0.06517	0.85454	0.04859	0.85502
Paulownia	65	0.06433	0.85527	0.04892	0.85619
Paulownia	70	0.06350	0.85556	0.04990	0.85720
Paulownia	75	0.06236	0.85555	0.04933	0.85783
Paulownia	80	0.06124	0.85542	0.05016	0.85836
Paulownia	85	0.06014	0.85523	0.04879	0.85879
Paulownia	90	0.05959	0.85487	0.04893	0.85961
Paulownia	95	0.05885	0.85454	0.04987	0.86016
Paulownia	100	0.05828	0.85415	0.05021	0.86083
Paulownia	105	0.05760	0.85386	0.05136	0.86130
Paulownia	110	0.05690	0.85364	0.05331	0.86163
Paulownia	115	0.05616	0.85349	0.05299	0.86177
Paulownia	120	0.05567	0.85331	0.04928	0.86224
Paulownia	125	0.05523	0.85323	0.04921	0.86277
Paulownia	130	0.05476	0.85321	0.05103	0.86314
Paulownia	135	0.05430	0.85325	0.05010	0.86344
Paulownia	140	0.05388	0.85334	0.05010	0.86372
Paulownia	145	0.05351	0.85362	0.04666	0.86420
Paulownia	150	0.05313	0.85385	0.04672	0.86446
Paulownia	155	0.05278	0.85404	0.04713	0.86463
Paulownia	160	0.05245	0.85450	0.04588	0.86497
Paulownia	165	0.05212	0.85517	0.04683	0.86542
Paulownia	170	0.05182	0.85566	0.04556	0.86566
Paulownia	175	0.05147	0.85707	0.04179	0.86633
Paulownia	180	0.05108	0.85923	0.04111	0.86710
Paulownia	185	0.05077	0.86043	0.05007	0.86742
Paulownia	190	0.05046	0.86181	0.04986	0.86778
Paulownia	195	0.05008	0.86469	0.04966	0.86842
Paulownia	200	0.04983	0.86564	0.05261	0.86856

Table S3. Predicted and true values of c and n for Iroko, Pine and Paulownia wood (continuation).

Sample (-)	Time (s)	c Predicted (kJ mol ⁻¹ K ⁻¹)	n Predicted (mol s ⁻¹)	c True (kJ mol ⁻¹ K ⁻¹)	n True (mol s ⁻¹)
Paulownia	205	0.04948	0.86855	0.04648	0.86909
Paulownia	210	0.04916	0.87135	0.04562	0.86946
Paulownia	215	0.04877	0.87555	0.04590	0.87001
Paulownia	220	0.04851	0.87779	0.04272	0.87022
Paulownia	225	0.04822	0.88096	0.04299	0.87054
Paulownia	230	0.04788	0.88532	0.04375	0.87096
Paulownia	235	0.04768	0.88706	0.04527	0.87107
Paulownia	240	0.04761	0.88626	0.04338	0.87097
Paulownia	245	0.04705	0.89621	0.04225	0.87175
Paulownia	250	0.04672	0.90150	0.04332	0.87208
Paulownia	255	0.04636	0.90798	0.03937	0.87245
Paulownia	260	0.04596	0.91553	0.03984	0.87285
Paulownia	265	0.04576	0.91855	0.04075	0.87296
Paulownia	270	0.04519	0.93092	0.04042	0.87351
Paulownia	275	0.04440	0.94981	0.03842	0.87427
Paulownia	280	0.04386	0.96266	0.03698	0.87467
Paulownia	285	0.04325	0.97781	0.03968	0.87513
Paulownia	290	0.04256	0.99540	0.03953	0.87563
Paulownia	295	0.04219	1.00432	0.03808	0.87584
Paulownia	300	0.04208	1.00612	0.03891	0.87585
Paulownia	305	0.04157	1.01912	0.03719	0.87616
Paulownia	310	0.04122	1.02802	0.03826	0.87637
Paulownia	315	0.04099	1.03349	0.04088	0.87647
Paulownia	320	0.04090	1.03511	0.03863	0.87647
Paulownia	325	0.04083	1.03617	0.03776	0.87649
Paulownia	330	0.04063	1.04094	0.03584	0.87660
Paulownia	335	0.04034	1.04852	0.03722	0.87674
Paulownia	340	0.04026	1.04992	0.03952	0.87672
Paulownia	345	0.04021	1.05051	0.04018	0.87672
Paulownia	350	0.03992	1.05822	0.04063	0.87689
Paulownia	355	0.03991	1.05773	0.03973	0.87682
Paulownia	360	0.03983	1.05912	0.03919	0.87682
Paulownia	365	0.03986	1.05756	0.03953	0.87674
Paulownia	370	0.03956	1.06567	0.04083	0.87692
Paulownia	375	0.03902	1.08128	0.03975	0.87724
Paulownia	380	0.03895	1.08265	0.03944	0.87723
Paulownia	385	0.03883	1.08571	0.04095	0.87725
Paulownia	390	0.03890	1.08278	0.04339	0.87718
Paulownia	395	0.03857	1.09243	0.04044	0.87737
Paulownia	400	0.03812	1.10571	0.04193	0.87764

Table S3. Predicted and true values of c and n for Iroko, Pine and Paulownia wood (continuation).

Sample (-)	Time (s)	c Predicted (kJ mol ⁻¹ K ⁻¹)	n Predicted (mol s ⁻¹)	c True (kJ mol ⁻¹ K ⁻¹)	n True (mol s ⁻¹)
Paulownia	405	0.03800	1.10897	0.03948	0.87768
Paulownia	410	0.03749	1.12458	0.04003	0.87801
Paulownia	415	0.03817	1.10212	0.04364	0.87750
Paulownia	420	0.03884	1.08019	0.03994	0.87699
Paulownia	425	0.03871	1.08360	0.03829	0.87703
Paulownia	430	0.03879	1.08041	0.03623	0.87695
Paulownia	435	0.03841	1.09147	0.03715	0.87714
Paulownia	440	0.03833	1.09327	0.03949	0.87716
Paulownia	445	0.03860	1.08380	0.03687	0.87693
Paulownia	450	0.03847	1.08724	0.04324	0.87700
Paulownia	455	0.03846	1.08674	0.04066	0.87697
Paulownia	460	0.03826	1.09204	0.04066	0.87705
Paulownia	465	0.03819	1.09340	0.04282	0.87707
Paulownia	470	0.03831	1.08858	0.04045	0.87695
Paulownia	475	0.03808	1.09511	0.03862	0.87708
Paulownia	480	0.03808	1.09416	0.04025	0.87704
Paulownia	485	0.03765	1.10709	0.03808	0.87733
Paulownia	490	0.03802	1.09389	0.03790	0.87701
Paulownia	495	0.03822	1.08628	0.03662	0.87682
Paulownia	500	0.03818	1.08660	0.03806	0.87681
Paulownia	505	0.03839	1.07838	0.03735	0.87661
Paulownia	510	0.03835	1.07868	0.03705	0.87661
Paulownia	515	0.03808	1.08584	0.03680	0.87677
Paulownia	520	0.03797	1.08838	0.03981	0.87682
Paulownia	525	0.03793	1.08815	0.04261	0.87680
Paulownia	530	0.03741	1.10382	0.05112	0.87716
Paulownia	535	0.03806	1.08109	0.05673	0.87662
Paulownia	540	0.03874	1.05756	0.05194	0.87604
Paulownia	545	0.03883	1.05311	0.04504	0.87591
Paulownia	550	0.03873	1.05476	0.04009	0.87594
Paulownia	555	0.03841	1.06340	0.04140	0.87614
Paulownia	560	0.03839	1.06206	0.03698	0.87611
Paulownia	565	0.03839	1.06027	0.03884	0.87602
Paulownia	570	0.03860	1.05201	0.03900	0.87578
Paulownia	575	0.03860	1.05004	0.03465	0.87573
Paulownia	580	0.03872	1.04415	0.03840	0.87559
Paulownia	585	0.03872	1.04231	0.04033	0.87553
Paulownia	590	0.03854	1.04581	0.04401	0.87559
Paulownia	595	0.03841	1.04814	0.04363	0.87563
Paulownia	600	0.03825	1.05087	0.04338	0.87570

Table S3. Predicted and true values of c and n for Iroko, Pine and Paulownia wood (continuation).

Sample (-)	Time (s)	c Predicted (kJ mol ⁻¹ K ⁻¹)	n Predicted (mol s ⁻¹)	c True (kJ mol ⁻¹ K ⁻¹)	n True (mol s ⁻¹)
Paulownia	605	0.03847	1.04186	0.04514	0.87547
Paulownia	610	0.03853	1.03761	0.04059	0.87535
Paulownia	615	0.03864	1.03208	0.04502	0.87519
Paulownia	620	0.03859	1.03115	0.04818	0.87515
Paulownia	625	0.03865	1.02710	0.05186	0.87503
Paulownia	630	0.03859	1.02646	0.04807	0.87500
Paulownia	635	0.03834	1.03200	0.05193	0.87516
Paulownia	640	0.03850	1.02466	0.04753	0.87497
Paulownia	645	0.03831	1.02834	0.04912	0.87508
Paulownia	650	0.03868	1.01411	0.04978	0.87465
Paulownia	655	0.03843	1.01952	0.05271	0.87479
Paulownia	660	0.03841	1.01759	0.05244	0.87472
Paulownia	665	0.03840	1.01556	0.05141	0.87464
Paulownia	670	0.03864	1.00547	0.05177	0.87435
Paulownia	675	0.03869	1.00113	0.05201	0.87423
Paulownia	680	0.03876	0.99658	0.05177	0.87408
Paulownia	685	0.03865	0.99755	0.04993	0.87407
Paulownia	690	0.03856	0.99788	0.04984	0.87408
Paulownia	695	0.03856	0.99532	0.05040	0.87401
Paulownia	700	0.03837	0.99895	0.04710	0.87411
Paulownia	705	0.03843	0.99451	0.04449	0.87397
Paulownia	710	0.03839	0.99329	0.04374	0.87393
Paulownia	715	0.03793	1.00586	0.04428	0.87429
Paulownia	720	0.03759	1.01495	0.04553	0.87454
Paulownia	725	0.03731	1.02233	0.04509	0.87475
Paulownia	730	0.03718	1.02457	0.04499	0.87480
Paulownia	735	0.03724	1.02027	0.04464	0.87467
Paulownia	740	0.03740	1.01254	0.04635	0.87443
Paulownia	745	0.03765	1.00173	0.04361	0.87411
Paulownia	750	0.03790	0.99080	0.04231	0.87378
Paulownia	755	0.03792	0.98800	0.04191	0.87370
Paulownia	760	0.03776	0.99171	0.04304	0.87381
Paulownia	765	0.03758	0.99604	0.04554	0.87393
Paulownia	770	0.03750	0.99716	0.04859	0.87397
Paulownia	775	0.03742	0.99809	0.04653	0.87402
Paulownia	780	0.03750	0.99340	0.04428	0.87386
Paulownia	785	0.03760	0.98802	0.04421	0.87369
Paulownia	790	0.03761	0.98624	0.04565	0.87363
Paulownia	795	0.03757	0.98603	0.04424	0.87363
Paulownia	800	0.03762	0.98268	0.03961	0.87350

Table S3. Predicted and true values of c and n for Iroko, Pine and Paulownia wood (continuation).

Sample (-)	Time (s)	c Predicted (kJ mol ⁻¹ K ⁻¹)	n Predicted (mol s ⁻¹)	c True (kJ mol ⁻¹ K ⁻¹)	n True (mol s ⁻¹)
Paulownia	805	0.03760	0.98207	0.03900	0.87349
Paulownia	810	0.03745	0.98653	0.04044	0.87363
Paulownia	815	0.03735	0.98943	0.04296	0.87373
Paulownia	820	0.03720	0.99474	0.04383	0.87390
Paulownia	825	0.03718	0.99452	0.04280	0.87388
Paulownia	830	0.03715	0.99512	0.04146	0.87392
Paulownia	835	0.03710	0.99661	0.04111	0.87395
Paulownia	840	0.03721	0.99102	0.04132	0.87378
Paulownia	845	0.03728	0.98737	0.04063	0.87366
Paulownia	850	0.03744	0.98011	0.04180	0.87343
Paulownia	855	0.03746	0.97855	0.04230	0.87338
Paulownia	860	0.03756	0.97373	0.03964	0.87321
Paulownia	865	0.03758	0.97258	0.04079	0.87320
Paulownia	870	0.03756	0.97335	0.04240	0.87324
Paulownia	875	0.03756	0.97280	0.04270	0.87321
Paulownia	880	0.03749	0.97628	0.04341	0.87333
Paulownia	885	0.03754	0.97402	0.04410	0.87325
Paulownia	890	0.03740	0.98172	0.04268	0.87353
Paulownia	895	0.03739	0.98289	0.04097	0.87357
Paulownia	900	0.03745	0.98026	0.03821	0.87350
Paulownia	905	0.03757	0.97436	0.03752	0.87331
Paulownia	910	0.03765	0.97098	0.03968	0.87320
Paulownia	915	0.03762	0.97387	0.04001	0.87329
Paulownia	920	0.03763	0.97444	0.04231	0.87333
Paulownia	925	0.03767	0.97331	0.04029	0.87330
Paulownia	930	0.03760	0.97963	0.04174	0.87353
Paulownia	935	0.03758	0.98297	0.04132	0.87364
Paulownia	940	0.03766	0.97946	0.04251	0.87352
Paulownia	945	0.03769	0.98036	0.04305	0.87360
Paulownia	950	0.03778	0.97604	0.03999	0.87345
Paulownia	955	0.03786	0.97238	0.04124	0.87333
Paulownia	960	0.03790	0.97270	0.04296	0.87333
Paulownia	965	0.03794	0.97271	0.04341	0.87334
Paulownia	970	0.03795	0.97581	0.04094	0.87350
Paulownia	975	0.03808	0.96836	0.04204	0.87322
Paulownia	980	0.03811	0.96947	0.04222	0.87330
Paulownia	985	0.03816	0.96901	0.04232	0.87331
Paulownia	990	0.03820	0.97009	0.04230	0.87339
Paulownia	995	0.03827	0.96816	0.04127	0.87332
Paulownia	1000	0.03836	0.96457	0.03856	0.87319

Table S3. Predicted and true values of c and n for Iroko, Pine and Paulownia wood (continuation).

Sample (-)	Time (s)	c Predicted (kJ mol ⁻¹ K ⁻¹)	n Predicted (mol s ⁻¹)	c True (kJ mol ⁻¹ K ⁻¹)	n True (mol s ⁻¹)
Paulownia	1005	0.03841	0.96394	0.03691	0.87317
Paulownia	1010	0.03845	0.96724	0.03711	0.87333
Paulownia	1015	0.03852	0.96629	0.03884	0.87332
Paulownia	1020	0.03861	0.96103	0.03628	0.87311
Paulownia	1025	0.03871	0.95404	0.03729	0.87284
Paulownia	1030	0.03879	0.95007	0.03550	0.87267
Paulownia	1035	0.03884	0.95240	0.03789	0.87280
Paulownia	1040	0.03889	0.95393	0.03694	0.87289
Paulownia	1045	0.03896	0.95511	0.03607	0.87297
Paulownia	1050	0.03904	0.95159	0.03580	0.87283
Paulownia	1055	0.03911	0.95196	0.03549	0.87288
Paulownia	1060	0.03918	0.95331	0.03624	0.87295
Paulownia	1065	0.03926	0.95023	0.03429	0.87282
Paulownia	1070	0.03934	0.95232	0.03507	0.87296
Paulownia	1075	0.03942	0.95128	0.03291	0.87295
Paulownia	1080	0.03950	0.94900	0.03283	0.87289
Paulownia	1085	0.03957	0.94652	0.03543	0.87280
Paulownia	1090	0.03966	0.94717	0.03575	0.87286
Paulownia	1095	0.03974	0.94564	0.03421	0.87283
Paulownia	1100	0.03983	0.94432	0.03399	0.87281
Paulownia	1105	0.03993	0.94542	0.03467	0.87289
Paulownia	1110	0.04002	0.94387	0.03302	0.87285
Paulownia	1115	0.04017	0.94733	0.03387	0.87307
Paulownia	1120	0.04034	0.95065	0.03459	0.87332
Paulownia	1125	0.04040	0.94688	0.03871	0.87316
Paulownia	1130	0.04047	0.94420	0.03629	0.87305
Paulownia	1135	0.04051	0.93955	0.03639	0.87283
Paulownia	1140	0.04059	0.93710	0.03218	0.87273
Paulownia	1145	0.04072	0.93765	0.03546	0.87282
Paulownia	1150	0.04084	0.93710	0.03649	0.87285
Paulownia	1155	0.04094	0.93551	0.03663	0.87282
Paulownia	1160	0.04107	0.93543	0.03632	0.87286
Paulownia	1165	0.04119	0.93466	0.03529	0.87286
Paulownia	1170	0.04131	0.93359	0.03551	0.87285
Paulownia	1175	0.04140	0.93139	0.03627	0.87277
Paulownia	1180	0.04143	0.92701	0.03520	0.87255
Paulownia	1185	0.04150	0.92386	0.03497	0.87240
Paulownia	1190	0.04167	0.92483	0.03431	0.87253
Paulownia	1195	0.04174	0.92211	0.03140	0.87240
Paulownia	1200	0.04187	0.92126	0.02952	0.87239

Table S3. Predicted and true values of c and n for Iroko, Pine and Paulownia wood (continuation).

Sample (-)	Time (s)	c Predicted (kJ mol ⁻¹ K ⁻¹)	n Predicted (mol s ⁻¹)	c True (kJ mol ⁻¹ K ⁻¹)	n True (mol s ⁻¹)
Paulownia	1205	0.04203	0.92124	0.02926	0.87246
Paulownia	1210	0.04214	0.91960	0.02982	0.87240
Paulownia	1215	0.04229	0.91926	0.03231	0.87245
Paulownia	1220	0.04242	0.91801	0.03483	0.87242
Paulownia	1225	0.04263	0.91892	0.03587	0.87254
Paulownia	1230	0.04275	0.91727	0.03617	0.87243
Paulownia	1235	0.04280	0.91420	0.03709	0.87227
Paulownia	1240	0.04291	0.91228	0.03351	0.87220
Paulownia	1245	0.04309	0.91210	0.03152	0.87226
Paulownia	1250	0.04326	0.91169	0.03352	0.87229
Paulownia	1255	0.04339	0.91019	0.03219	0.87223
Paulownia	1260	0.04359	0.91023	0.03168	0.87232
Paulownia	1265	0.04383	0.91066	0.03197	0.87244
Paulownia	1270	0.04419	0.91270	0.03238	0.87273
Paulownia	1275	0.04431	0.91108	0.03352	0.87267
Paulownia	1280	0.04450	0.91043	0.03109	0.87264
Paulownia	1285	0.04468	0.90953	0.03296	0.87263
Paulownia	1290	0.04484	0.90840	0.03485	0.87260
Paulownia	1295	0.04499	0.90724	0.03335	0.87255
Paulownia	1300	0.04517	0.90627	0.03163	0.87255
Paulownia	1305	0.04530	0.90496	0.03208	0.87251
Paulownia	1310	0.04558	0.90506	0.03275	0.87266
Paulownia	1315	0.04562	0.90278	0.03418	0.87249
Paulownia	1320	0.04587	0.90273	0.03468	0.87260
Paulownia	1325	0.04592	0.90062	0.03239	0.87245
Paulownia	1330	0.04602	0.89911	0.03315	0.87234
Paulownia	1335	0.04630	0.89927	0.03278	0.87244
Paulownia	1340	0.04631	0.89694	0.03397	0.87225
Paulownia	1345	0.04640	0.89535	0.03369	0.87214
Paulownia	1350	0.04643	0.89321	0.02954	0.87198
Paulownia	1355	0.04662	0.89280	0.02788	0.87201
Paulownia	1360	0.04685	0.89268	0.03048	0.87212
Paulownia	1365	0.04722	0.89367	0.02911	0.87235
Paulownia	1370	0.04759	0.89426	0.03101	0.87258
Paulownia	1375	0.04774	0.89340	0.03124	0.87256
Paulownia	1380	0.04779	0.89191	0.03062	0.87246
Paulownia	1385	0.04780	0.89020	0.03023	0.87232
Paulownia	1390	0.04798	0.88963	0.02865	0.87236
Paulownia	1395	0.04800	0.88806	0.03107	0.87223
Paulownia	1400	0.04823	0.88782	0.03106	0.87231

Table S3. Predicted and true values of c and n for Iroko, Pine and Paulownia wood (continuation).

Sample (-)	Time (s)	c Predicted (kJ mol ⁻¹ K ⁻¹)	n Predicted (mol s ⁻¹)	c True (kJ mol ⁻¹ K ⁻¹)	n True (mol s ⁻¹)
Paulownia	1405	0.04840	0.88728	0.03099	0.87235
Paulownia	1410	0.04859	0.88677	0.03281	0.87240
Paulownia	1415	0.04861	0.88539	0.03409	0.87226
Paulownia	1420	0.04885	0.88523	0.03188	0.87237
Paulownia	1425	0.04882	0.88364	0.03231	0.87223
Paulownia	1430	0.04898	0.88313	0.02934	0.87229
Paulownia	1435	0.04916	0.88268	0.03077	0.87234
Paulownia	1440	0.04914	0.88126	0.03278	0.87219
Paulownia	1445	0.04907	0.87960	0.03084	0.87201
Paulownia	1450	0.04897	0.87762	0.02960	0.87179
Paulownia	1455	0.04908	0.87703	0.02922	0.87180
Paulownia	1460	0.04925	0.87675	0.02837	0.87188
Paulownia	1465	0.04927	0.87567	0.02972	0.87181
Paulownia	1470	0.04932	0.87475	0.02962	0.87178
Paulownia	1475	0.04940	0.87406	0.03033	0.87177
Paulownia	1480	0.04946	0.87327	0.03174	0.87172
Paulownia	1485	0.04959	0.87290	0.02933	0.87173
Paulownia	1490	0.04936	0.87034	0.02838	0.87137
Paulownia	1495	0.04956	0.87057	0.02891	0.87151
Paulownia	1500	0.04970	0.87039	0.02744	0.87158
Paulownia	1505	0.04975	0.86970	0.02765	0.87154
Paulownia	1510	0.04982	0.86912	0.02751	0.87154
Paulownia	1515	0.04992	0.86878	0.02781	0.87155
Paulownia	1520	0.05001	0.86836	0.02683	0.87157
Paulownia	1525	0.05000	0.86742	0.02714	0.87148
Paulownia	1530	0.05013	0.86732	0.02740	0.87154
Paulownia	1535	0.05028	0.86736	0.02731	0.87160
Paulownia	1540	0.05034	0.86691	0.02655	0.87158
Paulownia	1545	0.05041	0.86653	0.02813	0.87157
Paulownia	1550	0.05052	0.86644	0.03012	0.87162
Paulownia	1555	0.05048	0.86548	0.02922	0.87151
Paulownia	1560	0.05064	0.86566	0.03104	0.87159
Paulownia	1565	0.05067	0.86520	0.02903	0.87158
Paulownia	1570	0.05078	0.86513	0.02912	0.87162
Paulownia	1575	0.05073	0.86422	0.02846	0.87152
Paulownia	1580	0.05064	0.86299	0.02910	0.87138
Paulownia	1585	0.05086	0.86375	0.03141	0.87154
Paulownia	1590	0.05103	0.86415	0.02946	0.87162
Paulownia	1595	0.05105	0.86370	0.02786	0.87157
Paulownia	1600	0.05090	0.86219	0.02688	0.87132

Notice: c Predicted: molar heat capacity of combustion products at constant pressure predicted by trained neural network; n Predicted: chemical amount flow rate of combustion products predicted by trained neural network; c True: molar heat capacity of combustion products at constant pressure; n True: chemical amount flow rate of combustion products.