Correction to: A new analytical method for derivation of infiltration parameters

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text of the manuscript and required to calculate infiltration coefficients. These tables are given below.

In the original article, three tables were missed to include as Supplement Material. These tables are referenced in the

The original article can be found online at <https://doi.org/10.1007/s00271-020-00686-z>.

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Appendix Tables

$H(a, r')$																		
a	r'																	
1		1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2	2.1	2.2	2.3	2.4	2.5		
0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
0.01	0.9931	0.9917	0.9904	0.9893	0.9883	0.9874	0.9866	0.9858	0.9851	0.9844	0.9837	0.9831	0.9826	0.9820	0.9815	0.9811		
0.02	0.9862	0.9835	0.9810	0.9788	0.9768	0.9750	0.9734	0.9718	0.9704	0.9691	0.9678	0.9666	0.9655	0.9645	0.9635	0.9625		
0.03	0.9794	0.9753	0.9717	0.9684	0.9655	0.9628	0.9604	0.9581	0.9560	0.9540	0.9522	0.9505	0.9488	0.9473	0.9458	0.9444		
0.04	0.9727	0.9673	0.9625	0.9582	0.9544	0.9508	0.9476	0.9446	0.9419	0.9393	0.9369	0.9346	0.9325	0.9305	0.9286	0.9267		
0.05	0.9659	0.9593	0.9534	0.9481	0.9434	0.9390	0.9351	0.9314	0.9280	0.9249	0.9219	0.9191	0.9165	0.9140	0.9117	0.9094		
0.06	0.9593	0.9514	0.9444	0.9382	0.9325	0.9274	0.9227	0.9184	0.9144	0.9107	0.9072	0.9039	0.9008	0.8979	0.8951	0.8925		
0.07	0.9526	0.9435	0.9355	0.9283	0.9219	0.9160	0.9106	0.9057	0.9011	0.8968	0.8928	0.8890	0.8855	0.8821	0.8790	0.8760		
0.08	0.9461	0.9358	0.9267	0.9187	0.9114	0.9047	0.8987	0.8931	0.8879	0.8831	0.8786	0.8744	0.8704	0.8667	0.8631	0.8598		
0.09	0.9395	0.9281	0.9181	0.9091	0.9010	0.8937	0.8870	0.8808	0.8750	0.8697	0.8647	0.8601	0.8557	0.8516	0.8477	0.8439		
0.10	0.9330	0.9205	0.9095	0.8997	0.8908	0.8828	0.8754	0.8686	0.8624	0.8566	0.8511	0.8461	0.8413	0.8368	0.8325	0.8284		
0.11	0.9266	0.9130	0.9010	0.8903	0.8807	0.8720	0.8641	0.8567	0.8500	0.8437	0.8378	0.8323	0.8271	0.8222	0.8176	0.8133		
0.12	0.9202	0.9055	0.8926	0.8811	0.8708	0.8614	0.8529	0.8450	0.8377	0.8310	0.8247	0.8188	0.8133	0.8080	0.8031	0.7984		
0.13	0.9138	0.8981	0.8843	0.8721	0.8610	0.8510	0.8419	0.8335	0.8257	0.8185	0.8118	0.8056	0.7997	0.7941	0.7889	0.7839		
0.14	0.9075	0.8908	0.8762	0.8631	0.8514	0.8408	0.8311	0.8222	0.8139	0.8063	0.7992	0.7926	0.7863	0.7805	0.7749	0.7697		
0.15	0.9013	0.8836	0.8681	0.8543	0.8419	0.8306	0.8204	0.8110	0.8024	0.7943	0.7868	0.7798	0.7733	0.7671	0.7613	0.7558		
0.16	0.8950	0.8764	0.8601	0.8455	0.8325	0.8207	0.8099	0.8001	0.7910	0.7825	0.7747	0.7673	0.7605	0.7540	0.7479	0.7421		
0.17	0.8888	0.8693	0.8521	0.8369	0.8232	0.8109	0.7996	0.7893	0.7798	0.7710	0.7628	0.7551	0.7479	0.7412	0.7348	0.7288		
0.18	0.8827	0.8622	0.8443	0.8284	0.8141	0.8012	0.7894	0.7787	0.7688	0.7596	0.7510	0.7431	0.7356	0.7286	0.7220	0.7157		
0.19	0.8766	0.8553	0.8366	0.8200	0.8051	0.7917	0.7794	0.7682	0.7579	0.7484	0.7395	0.7313	0.7235	0.7162	0.7094	0.7029		
0.20	0.8706	0.8484	0.8289	0.8117	0.7962	0.7823	0.7696	0.7580	0.7473	0.7374	0.7282	0.7197	0.7117	0.7041	0.6970	0.6904		
0.21	0.8645	0.8415	0.8213	0.8034	0.7874	0.7730	0.7599	0.7479	0.7368	0.7266	0.7171	0.7083	0.7000	0.6923	0.6850	0.6781		
0.22	0.8586	0.8347	0.8138	0.7953	0.7788	0.7639	0.7503	0.7379	0.7266	0.7160	0.7063	0.6971	0.6886	0.6806	0.6731	0.6660		
0.23	0.8526	0.8280	0.8064	0.7873	0.7703	0.7549	0.7409	0.7282	0.7164	0.7056	0.6956	0.6862	0.6774	0.6692	0.6615	0.6542		
0.24	0.8467	0.8213	0.7991	0.7794	0.7618	0.7460	0.7316	0.7185	0.7065	0.6954	0.6850	0.6754	0.6665	0.6581	0.6501	0.6427		
0.25	0.8409	0.8147	0.7918	0.7716	0.7535	0.7373	0.7225	0.7091	0.6967	0.6853	0.6747	0.6649	0.6557	0.6471	0.6390	0.6314		
0.26	0.8351	0.8082	0.7846	0.7639	0.7453	0.7286	0.7135	0.6997	0.6871	0.6754	0.6646	0.6545	0.6451	0.6363	0.6281	0.6203		
0.27	0.8293	0.8017	0.7775	0.7562	0.7372	0.7201	0.7047	0.6905	0.6776	0.6657	0.6546	0.6443	0.6347	0.6258	0.6173	0.6094		
0.28	0.8236	0.7952	0.7705	0.7487	0.7292	0.7118	0.6959	0.6815	0.6683	0.6561	0.6448	0.6343	0.6246	0.6154	0.6068	0.5987		
0.29	0.8179	0.7889	0.7636	0.7412	0.7213	0.7035	0.6873	0.6726	0.6591	0.6467	0.6352	0.6245	0.6146	0.6052	0.5965	0.5883		
0.30	0.8123	0.7826	0.7567	0.7339	0.7136	0.6953	0.6788	0.6638	0.6501	0.6374	0.6257	0.6149	0.6047	0.5953	0.5864	0.5780		
0.31	0.8066	0.7763	0.7499	0.7266	0.7059	0.6873	0.6705	0.6552	0.6412	0.6283	0.6164	0.6054	0.5951	0.5855	0.5765	0.5680		
0.32	0.8011	0.7701	0.7431	0.7194	0.6983	0.6793	0.6622	0.6467	0.6325	0.6194	0.6073	0.5961	0.5856	0.5759	0.5667	0.5581		
0.33	0.7955	0.7639	0.7365	0.7123	0.6908	0.6715	0.6541	0.6383	0.6238	0.6106	0.5983	0.5869	0.5763	0.5665	0.5572	0.5485		

$H(a, r')$																	
a	r'	1	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2	2.1	2.2	2.3	2.4	2.5
0.34	0.7900	0.7578	0.7298	0.7052	0.6834	0.6638	0.6461	0.6301	0.6154	0.6019	0.5895	0.5779	0.5672	0.5572	0.5478	0.5390	0.5300
0.35	0.7846	0.7518	0.7233	0.6983	0.6761	0.6562	0.6382	0.6219	0.6070	0.5934	0.5808	0.5691	0.5582	0.5481	0.5386	0.5297	0.5207
0.36	0.7792	0.7458	0.7168	0.6914	0.6688	0.6486	0.6304	0.6139	0.5988	0.5850	0.5722	0.5604	0.5494	0.5392	0.5296	0.5206	0.5116
0.37	0.7738	0.7399	0.7104	0.6846	0.6617	0.6412	0.6228	0.6060	0.5908	0.5768	0.5638	0.5519	0.5408	0.5305	0.5208	0.5117	0.5027
0.38	0.7684	0.7340	0.7041	0.6779	0.6547	0.6339	0.6152	0.5983	0.5828	0.5686	0.5556	0.5435	0.5323	0.5219	0.5121	0.5029	0.4939
0.39	0.7631	0.7281	0.6978	0.6712	0.6477	0.6267	0.6078	0.5906	0.5750	0.5607	0.5475	0.5353	0.5240	0.5134	0.5036	0.4943	0.4853
0.40	0.7579	0.7224	0.6916	0.6647	0.6408	0.6196	0.6004	0.5831	0.5673	0.5528	0.5395	0.5272	0.5158	0.5051	0.4952	0.4859	0.4769
0.41	0.7526	0.7166	0.6855	0.6582	0.6341	0.6125	0.5932	0.5756	0.5597	0.5451	0.5316	0.5192	0.5077	0.4970	0.4870	0.4776	0.4686
0.42	0.7474	0.7109	0.6794	0.6518	0.6273	0.6056	0.5860	0.5683	0.5522	0.5375	0.5239	0.5114	0.4998	0.4890	0.4790	0.4695	0.4605
0.43	0.7423	0.7053	0.6734	0.6454	0.6207	0.5987	0.5790	0.5611	0.5448	0.5300	0.5163	0.5037	0.4920	0.4812	0.4710	0.4616	0.4526
0.44	0.7371	0.6997	0.6674	0.6391	0.6142	0.5920	0.5720	0.5540	0.5376	0.5226	0.5088	0.4961	0.4844	0.4735	0.4633	0.4538	0.4448
0.45	0.7320	0.6942	0.6615	0.6329	0.6077	0.5853	0.5651	0.5470	0.5304	0.5153	0.5015	0.4887	0.4769	0.4659	0.4557	0.4461	0.4371
0.46	0.7270	0.6887	0.6556	0.6268	0.6013	0.5787	0.5584	0.5400	0.5234	0.5082	0.4943	0.4814	0.4695	0.4585	0.4482	0.4386	0.4296
0.47	0.7220	0.6832	0.6498	0.6207	0.5950	0.5722	0.5517	0.5332	0.5165	0.5012	0.4871	0.4742	0.4623	0.4512	0.4408	0.4312	0.4222
0.48	0.7170	0.6778	0.6441	0.6147	0.5888	0.5657	0.5451	0.5265	0.5096	0.4943	0.4801	0.4671	0.4551	0.4440	0.4336	0.4239	0.4149
0.49	0.7120	0.6725	0.6384	0.6087	0.5826	0.5594	0.5386	0.5199	0.5029	0.4874	0.4733	0.4602	0.4481	0.4369	0.4265	0.4168	0.4078
0.50	0.7071	0.6672	0.6328	0.6029	0.5765	0.5531	0.5322	0.5134	0.4963	0.4807	0.4665	0.4534	0.4412	0.4300	0.4196	0.4098	0.4008
0.51	0.7022	0.6619	0.6272	0.5971	0.5705	0.5470	0.5259	0.5069	0.4898	0.4741	0.4598	0.4466	0.4345	0.4232	0.4127	0.4030	0.3940
0.52	0.6974	0.6567	0.6217	0.5913	0.5646	0.5408	0.5197	0.5006	0.4833	0.4676	0.4532	0.4400	0.4278	0.4165	0.4060	0.3962	0.3872
0.53	0.6926	0.6515	0.6163	0.5856	0.5587	0.5348	0.5135	0.4943	0.4770	0.4612	0.4468	0.4335	0.4213	0.4100	0.3994	0.3896	0.3806
0.54	0.6878	0.6464	0.6109	0.5800	0.5529	0.5289	0.5074	0.4882	0.4707	0.4549	0.4404	0.4271	0.4149	0.4035	0.3930	0.3832	0.3742
0.55	0.6830	0.6413	0.6055	0.5744	0.5471	0.5230	0.5014	0.4821	0.4646	0.4487	0.4342	0.4208	0.4085	0.3972	0.3866	0.3768	0.3678
0.56	0.6783	0.6363	0.6002	0.5689	0.5415	0.5172	0.4955	0.4761	0.4585	0.4426	0.4280	0.4146	0.4023	0.3909	0.3804	0.3705	0.3615
0.57	0.6736	0.6313	0.5949	0.5634	0.5358	0.5114	0.4897	0.4702	0.4526	0.4365	0.4219	0.4085	0.3962	0.3848	0.3742	0.3644	0.3554
0.58	0.6690	0.6263	0.5897	0.5580	0.5303	0.5058	0.4839	0.4643	0.4467	0.4306	0.4160	0.4025	0.3902	0.3788	0.3682	0.3584	0.3494
0.59	0.6643	0.6214	0.5846	0.5527	0.5248	0.5002	0.4783	0.4586	0.4409	0.4248	0.4101	0.3967	0.3843	0.3729	0.3623	0.3524	0.3434
0.6	0.6598	0.6165	0.5795	0.5474	0.5194	0.4947	0.4726	0.4529	0.4351	0.4190	0.4043	0.3908	0.3785	0.3670	0.3565	0.3466	0.3376
0.61	0.6552	0.6117	0.5744	0.5422	0.5140	0.4892	0.4671	0.4473	0.4295	0.4133	0.3986	0.3851	0.3728	0.3613	0.3507	0.3409	0.3319
0.62	0.6507	0.6069	0.5694	0.5370	0.5087	0.4838	0.4616	0.4418	0.4239	0.4077	0.3930	0.3795	0.3671	0.3557	0.3451	0.3353	0.3263
0.63	0.6462	0.6021	0.5645	0.5319	0.5035	0.4785	0.4562	0.4364	0.4185	0.4022	0.3875	0.3740	0.3616	0.3502	0.3396	0.3298	0.3208
0.64	0.6417	0.5974	0.5595	0.5269	0.4983	0.4732	0.4509	0.4310	0.4131	0.3968	0.3821	0.3686	0.3562	0.3447	0.3342	0.3244	0.3154
0.65	0.6373	0.5927	0.5547	0.5218	0.4932	0.4680	0.4457	0.4257	0.4077	0.3915	0.3767	0.3632	0.3508	0.3394	0.3289	0.3191	0.3101
0.66	0.6329	0.5881	0.5498	0.5169	0.4882	0.4629	0.4405	0.4205	0.4025	0.3862	0.3714	0.3579	0.3456	0.3342	0.3236	0.3139	0.3049
0.67	0.6285	0.5835	0.5451	0.5120	0.4832	0.4578	0.4354	0.4153	0.3973	0.3810	0.3662	0.3527	0.3404	0.3290	0.3185	0.3087	0.2997

$H(a, r')$																	
a	r'	1	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2	2.1	2.2	2.3	2.4	2.5
0.68	0.6242	0.5789	0.5403	0.5071	0.4782	0.4528	0.4303	0.4102	0.3922	0.3759	0.3611	0.3476	0.3353	0.3239	0.3134	0.3037	
0.69	0.6199	0.5744	0.5356	0.5023	0.4733	0.4479	0.4253	0.4052	0.3872	0.3709	0.3561	0.3426	0.3303	0.3189	0.3084	0.2987	
0.70	0.6156	0.5699	0.5310	0.4976	0.4685	0.4430	0.4204	0.4003	0.3822	0.3659	0.3511	0.3377	0.3253	0.3140	0.3036	0.2939	
0.71	0.6113	0.5654	0.5264	0.4929	0.4637	0.4381	0.4155	0.3954	0.3773	0.3610	0.3463	0.3328	0.3205	0.3092	0.2988	0.2891	
0.72	0.6071	0.5610	0.5218	0.4882	0.4590	0.4334	0.4107	0.3906	0.3725	0.3562	0.3415	0.3280	0.3157	0.3044	0.2940	0.2844	
0.73	0.6029	0.5566	0.5173	0.4836	0.4543	0.4286	0.4060	0.3858	0.3677	0.3515	0.3367	0.3233	0.3110	0.2998	0.2894	0.2798	
0.74	0.5987	0.5523	0.5129	0.4790	0.4497	0.4240	0.4013	0.3811	0.3630	0.3468	0.3321	0.3187	0.3064	0.2952	0.2848	0.2753	
0.75	0.5946	0.5480	0.5084	0.4745	0.4451	0.4194	0.3967	0.3765	0.3584	0.3422	0.3275	0.3141	0.3019	0.2907	0.2803	0.2708	
0.76	0.5905	0.5437	0.5040	0.4700	0.4406	0.4148	0.3921	0.3719	0.3539	0.3376	0.3229	0.3096	0.2974	0.2862	0.2759	0.2664	
0.77	0.5864	0.5394	0.4997	0.4656	0.4361	0.4103	0.3876	0.3674	0.3494	0.3331	0.3185	0.3052	0.2930	0.2818	0.2716	0.2621	
0.78	0.5824	0.5352	0.4954	0.4612	0.4317	0.4059	0.3831	0.3630	0.3449	0.3287	0.3141	0.3008	0.2887	0.2775	0.2673	0.2579	
0.79	0.5783	0.5311	0.4911	0.4569	0.4273	0.4015	0.3787	0.3586	0.3406	0.3244	0.3098	0.2965	0.2844	0.2733	0.2631	0.2538	
0.80	0.5743	0.5269	0.4869	0.4526	0.4230	0.3971	0.3744	0.3542	0.3362	0.3201	0.3055	0.2923	0.2802	0.2692	0.2590	0.2497	
0.81	0.5704	0.5228	0.4827	0.4483	0.4187	0.3928	0.3701	0.3500	0.3320	0.3159	0.3013	0.2881	0.2761	0.2651	0.2550	0.2457	
0.82	0.5664	0.5188	0.4785	0.4441	0.4145	0.3886	0.3659	0.3457	0.3278	0.3117	0.2972	0.2840	0.2720	0.2610	0.2510	0.2417	
0.83	0.5625	0.5147	0.4744	0.4400	0.4103	0.3844	0.3617	0.3416	0.3236	0.3076	0.2931	0.2800	0.2680	0.2571	0.2471	0.2378	
0.84	0.5586	0.5107	0.4703	0.4359	0.4061	0.3803	0.3575	0.3375	0.3196	0.3035	0.2891	0.2760	0.2641	0.2532	0.2432	0.2340	
0.85	0.5548	0.5067	0.4663	0.4318	0.4020	0.3762	0.3535	0.3334	0.3155	0.2995	0.2851	0.2721	0.2602	0.2494	0.2394	0.2303	
0.86	0.5510	0.5028	0.4623	0.4277	0.3980	0.3721	0.3494	0.3294	0.3116	0.2956	0.2812	0.2682	0.2564	0.2456	0.2357	0.2266	
0.87	0.5471	0.4989	0.4583	0.4237	0.3940	0.3681	0.3455	0.3254	0.3076	0.2917	0.2774	0.2644	0.2526	0.2419	0.2320	0.2230	
0.88	0.5434	0.4950	0.4544	0.4198	0.3900	0.3642	0.3415	0.3215	0.3038	0.2879	0.2736	0.2607	0.2489	0.2382	0.2284	0.2194	
0.89	0.5396	0.4912	0.4505	0.4159	0.3861	0.3603	0.3376	0.3177	0.3000	0.2841	0.2699	0.2570	0.2453	0.2346	0.2249	0.2159	
0.90	0.5359	0.4874	0.4466	0.4120	0.3822	0.3564	0.3338	0.3139	0.2962	0.2804	0.2662	0.2534	0.2417	0.2311	0.2214	0.2125	
0.91	0.5322	0.4836	0.4428	0.4081	0.3784	0.3526	0.3300	0.3101	0.2925	0.2767	0.2626	0.2498	0.2382	0.2276	0.2180	0.2091	
0.92	0.5285	0.4798	0.4390	0.4043	0.3746	0.3488	0.3263	0.3064	0.2888	0.2731	0.2590	0.2463	0.2347	0.2242	0.2146	0.2058	
0.93	0.5249	0.4761	0.4352	0.4006	0.3708	0.3451	0.3226	0.3028	0.2852	0.2695	0.2555	0.2428	0.2313	0.2208	0.2113	0.2025	
0.94	0.5212	0.4724	0.4315	0.3968	0.3671	0.3414	0.3189	0.2991	0.2816	0.2660	0.2520	0.2394	0.2279	0.2175	0.2080	0.1993	
0.95	0.5176	0.4687	0.4278	0.3931	0.3634	0.3377	0.3153	0.2956	0.2781	0.2625	0.2486	0.2360	0.2246	0.2143	0.2048	0.1962	
0.96	0.5141	0.4651	0.4242	0.3895	0.3598	0.3341	0.3117	0.2921	0.2746	0.2591	0.2452	0.2327	0.2214	0.2111	0.2017	0.1931	
0.97	0.5105	0.4615	0.4205	0.3859	0.3562	0.3306	0.3082	0.2886	0.2712	0.2558	0.2419	0.2294	0.2182	0.2079	0.1986	0.1900	
0.98	0.5070	0.4579	0.4169	0.3823	0.3526	0.3270	0.3047	0.2852	0.2678	0.2524	0.2386	0.2262	0.2150	0.2048	0.1955	0.1870	
0.99	0.5035	0.4544	0.4134	0.3787	0.3491	0.3236	0.3013	0.2818	0.2645	0.2491	0.2354	0.2231	0.2119	0.2017	0.1925	0.1840	
1	0.5000	0.4508	0.4098	0.3752	0.3456	0.3201	0.2979	0.2784	0.2612	0.2459	0.2322	0.2199	0.2088	0.1987	0.1895	0.1811	

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