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3-D LDV Measurements on a 30-Degree Swept Wing with a Simulated Ice Accretion

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ABSTRACT

3-D flowfield measurements have been obtained for a semispan 30-degree swept wing with a simulated glaze ice accretion. The model tested has a NACA 0012 section perpendicular to the leading edge. Measurements were made using a 2-component Laser Doppler Velocemiter (LDV) system. Mean velocity measurements were obtained for all three velocity components. Streamwise turbulence intensities were also obtained. All measurements were taken in the University of Illinois 3 by 4 foot subsonic wind tunnel at a Reynolds number of 1 million and 8 degrees angle of attack. The data is presented in tabular form and is also available on computer disk. A paper entitled "LDV Flowfield Measurements On A Straight and Swept Wing With A Simulated Ice Accretion" presented at 31st Aerospace Sciences meeting (AIAA 93-0300) which documents these measurements is also included.

NOMENCLATURE

x	Tunnel streamwise coordinate
x^*	Model streamwise coordinate with the origin at the leading edge
x'	2-D model section coordinate perpendicular to the leading edge
y	Tunnel spanwise coordinate
z	Tunnel vertical coordinate
u'	Streamwise turbulence intensity
u	Streamwise velocity in tunnel coordinate system
v	Spanwise velocity in tunnel coordinate system
w	Vertical velocity in tunnel coordinate system
Uinf	Tunnel free-stream velocity

INTRODUCTION

This report documents the LDV measurements taken at the University of Illinois during the fall of 1992. All measurements were taken using a two-component LDV system. The LDV system, manufactured by TSI, operates in backscatter and uses frequency counters. Raw data from the LDV was reduced using a software package supplied by TSI. Since only a two-component system was available, and three components of velocity were desired, two separate measurements were taken in the xy plane. From these separate measurements, the u and v mean velocities could be extracted. A more detailed discussion of the experimental set-up is given in the conference paper provided at the end of this report.

Measurements were taken at a chord Reynolds number of 1 million and an angle of attack of 8 degrees. For the model used, this translated to a tunnel velocity of approximately 80 mph. Four spanwise planes of data were obtained. At each spanwise station, individual boundary layer profiles were taken at various chord positions. All profiles begin at 0.05" off the surface and extend out into the free stream. The spanwise locations include y/b=0.40, 0.55, 0.70, and 0.85. At each spanwise location the same chord locations were used. These include x^*/c=0.0, 0.05, 0.10, 0.20, 0.30, ... 0.90, and 0.99. Mean u, v, and w velocities were obtained and streamwise turbulence intensity data (u') was also taken.

MODEL AND GEOMETRY

The model used for these experiments was a 30-degree swept semispan wing with a 5-minute simulated glaze ice shape. The wing has a NACA 0012 section perpendicular to the leading edge. The model span was 35.18" and the streamwise chord was 17.32". The ice accretion used is a simulation of that measured on a NACA 0012 airfoil in the NASA Icing Research Tunnel. The icing conditions were a free-stream velocity of 130mph, angle of attack of four degrees, icing time of five minutes, volume median diameter droplet of 20 microns, LWC=2.1g/m^3 and a temperature of 18 degrees F. The simulated and measured shape are shown in figure 1. Figure 2 shows a plot of the NACA 0012 section perpendicular to the leading edge which includes the ice shape. Model coordinates for the NACA 0012 section with the simulated ice shape are also provided. Figure 3 shows the swept model along with the swept model coordinate system. The actual tunnel model is that of a left wing which is mounted inverted with the upper surface, or suction surface, oriented towards the tunnel floor. For presentation purposes the data has been transformed to that of a normal right wing coordinate system.

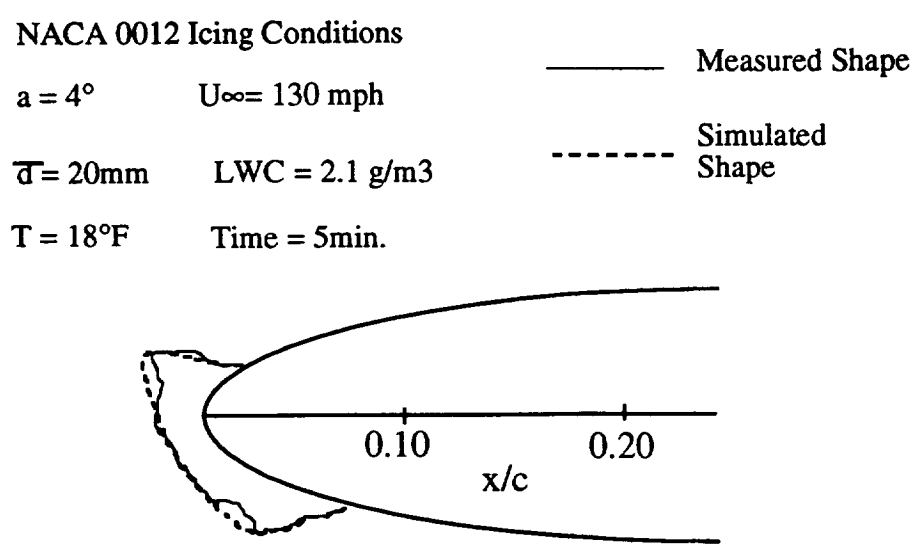

Figure 1

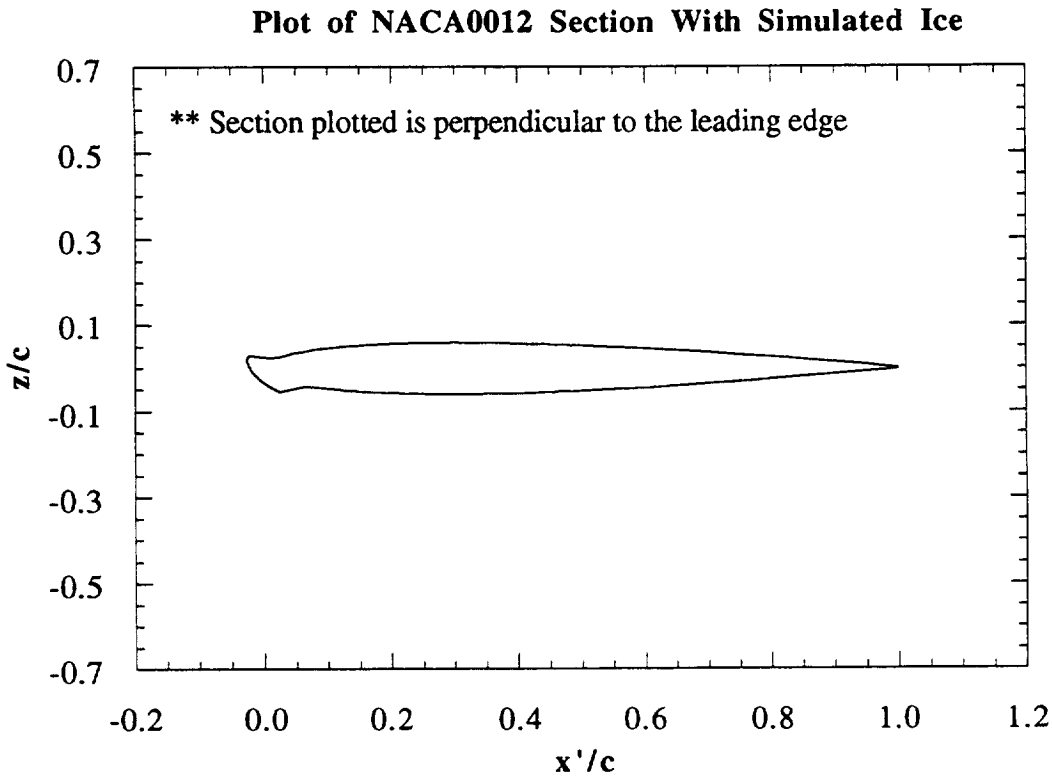

Figure 2

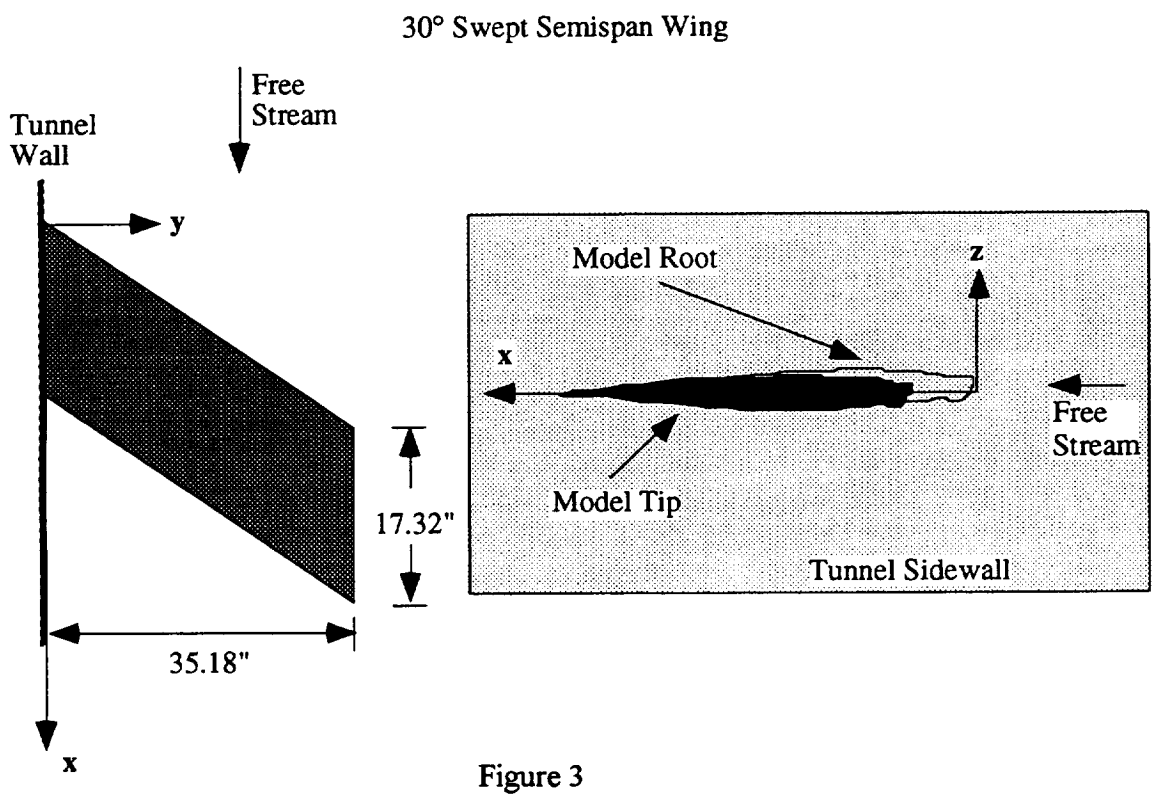

Figure 3

Model Coordinates: NACA0012 With Simulated Ice Shape						
Upper Surface:					Lower Surface:	
x'/c	z/c	x'/c	z/c		x'/c	z/c
-0.0266	0.0169	0.5600	0.0488		-0.0266	0.0169
-0.0245	0.0287	0.6000	0.0456		-0.0222	0.0039
-0.0208	0.0306	0.7000	0.0366		-0.0175	-0.0070
-0.0100	0.0288	0.7500	0.0316		-0.0107	-0.0184
-0.0001	0.0268	0.8000	0.0262		-0.0036	-0.0284
0.0100	0.0250	0.8500	0.0205		0.0059	-0.0393
0.0221	0.0267	0.9000	0.0145		0.0150	-0.0474
0.0311	0.0300	0.9500	0.0081		0.0250	-0.0533
0.0407	0.0333	0.9750	0.0047		0.0300	-0.0530
0.0491	0.0361	1.0000	0.0020		0.0397	-0.0503
0.0595	0.0390				0.0495	-0.0473
0.0694	0.0414				0.0600	-0.0441
0.0794	0.0435				0.0695	-0.0421
0.0891	0.0455				0.0793	-0.0436
0.0990	0.0472				0.1094	-0.0487
0.1097	0.0487				0.1193	-0.0500
0.1197	0.0500				0.1290	-0.0511
0.1297	0.0514				0.1400	-0.0520
0.1400	0.0524				0.1600	-0.0544
0.1600	0.0544				0.2000	-0.0574
0.1700	0.0550				0.2400	-0.0591
0.1800	0.0561				0.2800	-0.0599
0.1900	0.0568				0.3200	-0.0599
0.2000	0.0574				0.3600	-0.0593
0.2100	0.0579				0.4000	-0.0580
0.2200	0.0584				0.4400	-0.0563
0.2300	0.0588				0.5000	-0.0529
0.2400	0.0591				0.5600	-0.0488
0.2500	0.0594				0.6000	-0.0456
0.2600	0.0596				0.7000	-0.0366
0.2800	0.0599				0.7500	-0.0316
0.3000	0.0600				0.8500	-0.0205
0.3200	0.0599				0.9000	-0.0145
0.3400	0.0597				0.9500	-0.0081
0.3600	0.0593				0.9750	-0.0047
0.3800	0.0587				1.0000	-0.0020
0.4000	0.0580					
0.4200	0.0572					
0.4400	0.0563					
0.4700	0.0547					
0.5000	0.0529					
0.5300	0.0510					

TABULATED RESULTS

The following pages include the tabulated mean u, v, and w velocities along with the streamwise turbulence intensity data. Included with this report is an IBM compatible computer diskette containing the tabulated results in a Microsoft EXCEL file and also as a simple ASCII text file. The tabulated results are in column form with the following format:

x^*/c	y/b	z(in)	u/Uinf	v/Uinf	w/Uinf	(u'/Uinf)*100

The x^*/c's given are for the individual span locations and are for the section parallel to the free stream: they are not in the tunnel coordinate system (ie. $x^*/c=0.0$ is the leading edge at that span location). Span locations, y/b's, are presented in 3D model coordinate system. The z distance is inches above the model surface normal to the free stream in the 3D model coordinate system. All mean velocities are normalized by the tunnel free stream which is denoted by Uinf. Measurements were taken at a chord Reynolds number of 1 million with the model at 8 degrees angle of attack. The tunnel velocity for this configuration was approximately 80 mph. The streamwise turbulence intensity data is calculated from the standard deviation of the individual samples which make up the mean streamwise velocity component. The turbulence intensity is normalized by the free stream velocity and given in percent.

x*/c	y/b	(in. off surf of model)	u/U	v/U	w/U	(u'/Uinf)*100
0.00	0.40	0.05	-0.1936	-0.2865	-0.0303	8.8766
0.00	0.40	0.10	-0.2118	-0.2947	-0.0305	8.4745
0.00	0.40	0.15	-0.0356	0.0513	-0.0389	19.4783
0.00	0.40	0.20	0.4030	0.8122	-0.0369	44.8200
0.00	0.40	0.25	1.3118	2.3341	-0.0455	3.2043
0.00	0.40	0.30	1.2547	2.3120	-0.0530	2.2966
0.00	0.40	0.35	1.1199	1.8663	-0.0303	5.4871
0.00	0.40	0.40	1.1221	1.2493	0.0955	4.3244
0.00	0.40	0.45	1.1537	0.0126	0.3617	3.8277
0.00	0.40	0.50	1.1686	-0.6707	0.6482	3.7738
0.00	0.40	0.55	1.1830	-0.6489	0.7049	3.7881
0.00	0.40	0.60	1.1914	-0.5540	0.7334	3.3032
0.00	0.40	0.65	1.1967	-0.4602	0.7418	3.1110
0.00	0.40	0.70	1.2050	-0.3176	0.7619	3.0559
0.00	0.40	0.75	1.2110	-0.2994	0.7454	2.8209
0.00	0.40	0.80	1.2151	-0.2996	0.6766	2.8248
0.00	0.40	0.85	1.2217	-0.2763	0.6419	3.0101
0.00	0.40	0.90	1.2261	-0.2709	0.6174	2.9847
0.00	0.40	0.95	1.2268	-0.2644	0.5910	2.6127
0.00	0.40	1.00	1.2390	-0.2482	0.5629	3.1872
0.00	0.40	1.05	1.2410	-0.2542	0.5434	3.1902
0.00	0.40	1.15	1.2461	-0.2398	0.5174	2.9992
0.00	0.40	1.25	1.2516	-0.2280	0.4948	2.7432
0.00	0.40	1.35	1.2510	-0.2259	0.4686	2.5795
0.00	0.40	1.45	1.2501	-0.2314	0.4448	2.2265
0.00	0.40	1.55	1.2555	-0.2250	0.4192	2.1912
0.00	0.40	1.65	1.2677	-0.2049	0.3978	2.2895
0.00	0.40	1.75	1.2683	-0.1986	0.3706	2.3373
0.00	0.40	1.85	1.2690	-0.2048	0.3506	2.1300
0.00	0.40	1.95	1.2657	-0.1892	0.3324	2.2619
0.00	0.40	2.05	1.2645	-0.1929	0.3206	2.0497
0.00	0.40	2.15	1.2669	-0.1811	0.3057	2.0533
0.00	0.40	2.25	1.2652	-0.1943	0.2954	1.9176
0.00	0.40	2.35	1.2607	-0.1940	0.2802	1.7005
0.00	0.40	2.45	1.2558	-0.1979	0.2682	1.3798
0.00	0.40	2.55	1.2620	-0.1882	0.2591	1.4785
0.00	0.40	2.65	1.2635	-0.1788	0.2492	1.7080
0.00	0.40	2.75	1.2636	-0.1770	0.2384	1.7024
0.00	0.40	2.85	1.2640	-0.1671	0.2305	1.8161
0.00	0.40	2.95	1.2624	-0.1597	0.2218	1.6576
0.00	0.40	3.05	1.2618	-0.1601	0.2129	1.6620
0.00	0.40	3.30	1.2584	-0.1551	0.1993	1.4753
0.00	0.40	3.55	1.2516	-0.1538	0.1756	1.5320
0.00	0.40	3.80	1.2531	-0.1484	0.1666	1.6042
0.00	0.40	4.05	1.2465	-0.1472	0.1554	1.5738
0.00	0.40	4.30	1.2457	-0.1454	0.1389	1.6172
0.00	0.40	4.55	1.2431	-0.1414	0.1253	1.3747
0.00	0.40	4.80	1.2395	-0.1328	0.1138	1.4436

0.00	0.40	5.05	1.2377	-0.1232	0.1055	1.4343
0.00	0.40	5.30	1.2366	-0.1170	0.0967	1.4472
0.00	0.40	5.55	1.2378	-0.1076	0.0900	1.4777
0.00	0.40	5.80	1.2301	-0.1142	0.0840	1.4470
0.00	0.40	6.05	1.2268	-0.1125	0.0769	1.3822
0.00	0.40	6.30	1.2253	-0.1068	0.0692	1.5156
0.00	0.40	6.55	1.2226	-0.1022	0.0679	1.4572
0.05	0.40	0.05	-0.0055	0.2769	-0.1157	10.8909
0.05	0.40	0.10	-0.0380	0.3356	-0.1141	13.1512
0.05	0.40	0.15	-0.0481	0.4094	-0.1106	16.4505
0.05	0.40	0.20	-0.0576	0.3940	-0.1090	16.4381
0.05	0.40	0.25	-0.0637	0.3843	-0.1054	14.2992
0.05	0.40	0.30	-0.0532	0.3899	-0.1028	14.7309
0.05	0.40	0.35	-0.0345	0.3534	-0.0956	16.7873
0.05	0.40	0.40	0.0406	0.3792	-0.0979	20.4114
0.05	0.40	0.45	0.1350	0.3175	-0.0851	23.6588
0.05	0.40	0.50	0.2503	0.2531	-0.0783	30.4529
0.05	0.40	0.55	0.4389	0.1529	-0.0607	38.4644
0.05	0.40	0.60	0.8323	0.4213	-0.0513	40.4702
0.05	0.40	0.65	1.3446	0.4160	-0.0375	25.0009
0.05	0.40	0.70	1.5153	-0.1485	0.0004	8.1885
0.05	0.40	0.75	1.5138	-0.3299	0.1931	5.5583
0.05	0.40	0.80	1.5084	-0.3564	0.3530	4.3367
0.05	0.40	0.85	1.4907	-0.3583	0.4275	3.5434
0.05	0.40	0.90	1.4684	-0.3696	0.4320	3.2888
0.05	0.40	0.95	1.4498	-0.3592	0.4413	3.7791
0.05	0.40	1.00	1.4427	-0.3109	0.4594	3.6234
0.05	0.40	1.05	1.4418	-0.2874	0.4375	3.4417
0.05	0.40	1.15	1.4287	-0.2909	0.4117	3.0702
0.05	0.40	1.25	1.4154	-0.2849	0.3908	3.0794
0.05	0.40	1.35	1.3924	-0.2854	0.3853	2.6940
0.05	0.40	1.45	1.3831	-0.2854	0.3631	2.6283
0.05	0.40	1.55	1.3773	-0.2735	0.3478	2.5938
0.05	0.40	1.65	1.3733	-0.2560	0.3290	2.4155
0.05	0.40	1.75	1.3665	-0.2614	0.3103	2.3173
0.05	0.40	1.85	1.3551	-0.2646	0.2941	2.3361
0.05	0.40	1.95	1.3500	-0.2529	0.2836	2.3263
0.05	0.40	2.05	1.3441	-0.2405	0.2733	2.0684
0.05	0.40	2.15	1.3398	-0.2340	0.2624	2.1013
0.05	0.40	2.25	1.3386	-0.2219	0.2521	1.8325
0.05	0.40	2.35	1.3338	-0.2185	0.2435	1.7990
0.05	0.40	2.45	1.3267	-0.2259	0.2307	2.0021
0.05	0.40	2.55	1.3243	-0.2241	0.2224	1.8001
0.05	0.40	2.65	1.3233	-0.2146	0.2104	1.7062
0.05	0.40	2.75	1.3210	-0.2083	0.2016	1.7900
0.05	0.40	2.85	1.3169	-0.1904	0.1975	1.8013
0.05	0.40	2.95	1.3111	-0.1942	0.1858	1.6336
0.05	0.40	3.05	1.3109	-0.1856	0.1817	1.6142
0.05	0.40	3.30	1.3060	-0.1724	0.1633	1.6974
0.05	0.40	3.55	1.2918	-0.1861	0.1479	1.6103
0.05	0.40	3.80	1.2894	-0.1661	0.1348	1.5338

0.05	0.40	4.05	1.2843	-0.1488	0.1215	1.4352
0.05	0.40	4.30	1.2749	-0.1616	0.1136	1.4088
0.05	0.40	4.55	1.2705	-0.1438	0.1031	1.3973
0.05	0.40	4.80	1.2642	-0.1432	0.0958	1.3595
0.05	0.40	5.05	1.2608	-0.1309	0.0898	1.5672
0.05	0.40	5.30	1.2564	-0.1271	0.0823	1.4196
0.05	0.40	5.55	1.2555	-0.1222	0.0756	1.6076
0.05	0.40	5.80	1.2481	-0.1192	0.0738	1.4516
0.05	0.40	6.05	1.2469	-0.1133	0.0676	1.4359
0.05	0.40	6.30	1.2441	-0.1132	0.0590	1.4578
0.05	0.40	6.55	1.2387	-0.1077	0.0523	1.4343
0.10	0.40	0.05	-0.1218	0.5464	-0.0056	17.4156
0.10	0.40	0.15	-0.0755	0.5915	-0.0358	18.1267
0.10	0.40	0.25	-0.0087	0.4059	-0.0740	17.8624
0.10	0.40	0.35	0.0618	0.1886	-0.0968	22.3154
0.10	0.40	0.45	0.2213	-0.0695	-0.1082	18.7920
0.10	0.40	0.55	0.4756	-0.1891	-0.1152	31.3111
0.10	0.40	0.65	0.7898	-0.1602	-0.1099	34.8909
0.10	0.40	0.75	1.1670	-0.2788	-0.0420	29.8440
0.10	0.40	0.85	1.4856	-0.3373	0.0213	11.9098
0.10	0.40	0.95	1.5285	-0.3636	0.1110	7.5628
0.10	0.40	1.05	1.5255	-0.3784	0.1666	4.8299
0.10	0.40	1.15	1.5124	-0.3576	0.2248	3.6199
0.10	0.40	1.25	1.4963	-0.3222	0.2848	3.2065
0.10	0.40	1.35	1.4843	-0.3037	0.2740	2.9549
0.10	0.40	1.45	1.4763	-0.2980	0.2512	2.8737
0.10	0.40	1.55	1.4610	-0.3009	0.2393	2.7461
0.10	0.40	1.65	1.4529	-0.2942	0.2276	2.6295
0.10	0.40	1.75	1.4342	-0.3002	0.2197	2.3294
0.10	0.40	1.85	1.4249	-0.2932	0.2123	2.1489
0.10	0.40	1.95	1.4161	-0.2849	0.2061	2.0692
0.10	0.40	2.05	1.4061	-0.2767	0.2026	2.1232
0.10	0.40	2.15	1.3939	-0.2797	0.1983	2.1361
0.10	0.40	2.25	1.3859	-0.2612	0.1917	2.2445
0.10	0.40	2.35	1.3835	-0.2460	0.1854	2.0778
0.10	0.40	2.45	1.3756	-0.2367	0.1738	1.9337
0.10	0.40	2.55	1.3710	-0.2337	0.1717	1.9729
0.10	0.40	2.65	1.3553	-0.2362	0.1674	1.7566
0.10	0.40	2.75	1.3504	-0.2322	0.1606	1.4974
0.10	0.40	2.85	1.3480	-0.2244	0.1494	1.6308
0.10	0.40	2.95	1.3457	-0.2197	0.1397	1.7993
0.10	0.40	3.05	1.3417	-0.2187	0.1326	1.9505
0.10	0.40	3.25	1.3290	-0.2148	0.1265	1.9878
0.10	0.40	3.45	1.3199	-0.2047	0.1155	1.5767
0.10	0.40	3.65	1.3149	-0.1856	0.1097	1.7337
0.10	0.40	3.85	1.3094	-0.1794	0.1011	1.6811
0.10	0.40	4.05	1.3013	-0.1690	0.0999	1.3629
0.10	0.40	4.25	1.2919	-0.1745	0.0909	1.4145
0.10	0.40	4.45	1.2890	-0.1650	0.0840	1.3361
0.10	0.40	4.65	1.2817	-0.1597	0.0756	1.2517
0.10	0.40	4.85	1.2749	-0.1584	0.0764	1.2206

0.10	0.40	5.05	1.2725	-0.1519	0.0675	1.2659
0.10	0.40	5.35	1.2647	-0.1426	0.0647	1.1471
0.10	0.40	5.65	1.2606	-0.1352	0.0647	1.1175
0.10	0.40	5.95	1.2542	-0.1331	0.0590	1.2107
0.10	0.40	6.25	1.2504	-0.1247	0.0575	1.3024
0.10	0.40	6.55	1.2466	-0.1197	0.0485	1.1870
0.10	0.40	6.85	1.2407	-0.1162	0.0412	1.3161
0.10	0.40	7.15	1.2364	-0.1055	0.0388	1.1243
0.10	0.40	7.45	1.2326	-0.1069	0.0361	1.1739
0.20	0.40	0.05	-0.0729	0.6644	-0.0303	21.0515
0.20	0.40	0.15	0.0166	0.7266	-0.0486	21.6743
0.20	0.40	0.25	0.0894	0.6777	-0.0803	24.4055
0.20	0.40	0.35	0.1745	0.5393	-0.1020	25.7808
0.20	0.40	0.45	0.2599	0.3602	-0.1203	28.3294
0.20	0.40	0.55	0.3979	0.2550	-0.1489	27.2284
0.20	0.40	0.65	0.5215	0.0226	-0.1637	28.6542
0.20	0.40	0.75	0.6853	-0.0296	-0.1687	29.3599
0.20	0.40	0.85	0.9410	-0.1046	-0.1732	30.2945
0.20	0.40	0.95	1.1778	-0.2484	-0.1584	27.8938
0.20	0.40	1.05	1.4092	-0.2200	-0.1222	16.4261
0.20	0.40	1.15	1.4932	-0.2548	-0.0743	11.1569
0.20	0.40	1.25	1.5174	-0.3375	-0.0224	8.4721
0.20	0.40	1.35	1.5187	-0.3520	0.0165	5.4181
0.20	0.40	1.45	1.5157	-0.3577	0.0463	4.1341
0.20	0.40	1.55	1.5066	-0.3548	0.0590	3.5459
0.20	0.40	1.65	1.4956	-0.3444	0.0628	2.7575
0.20	0.40	1.75	1.4852	-0.3419	0.0634	2.5382
0.20	0.40	1.85	1.4734	-0.3376	0.0619	2.2733
0.20	0.40	1.95	1.4627	-0.3269	0.0607	2.0227
0.20	0.40	2.05	1.4554	-0.3221	0.0552	1.8582
0.20	0.40	2.15	1.4434	-0.3140	0.0518	1.9102
0.20	0.40	2.25	1.4344	-0.3082	0.0459	1.7169
0.20	0.40	2.35	1.4284	-0.2993	0.0431	1.6520
0.20	0.40	2.45	1.4265	-0.2828	0.0449	1.6930
0.20	0.40	2.55	1.4201	-0.2746	0.0477	1.6365
0.20	0.40	2.65	1.4119	-0.2710	0.0472	1.6014
0.20	0.40	2.75	1.4043	-0.2677	0.0495	1.4756
0.20	0.40	2.85	1.3949	-0.2670	0.0478	1.5594
0.20	0.40	2.95	1.3884	-0.2513	0.0492	1.4822
0.20	0.40	3.05	1.3811	-0.2498	0.0457	1.5635
0.20	0.40	3.25	1.3703	-0.2358	0.0467	1.4634
0.20	0.40	3.45	1.3586	-0.2291	0.0439	1.3908
0.20	0.40	3.65	1.3516	-0.2140	0.0407	1.4559
0.20	0.40	3.85	1.3437	-0.2005	0.0388	1.3215
0.20	0.40	4.05	1.3335	-0.1952	0.0360	1.3551
0.20	0.40	4.25	1.3228	-0.1943	0.0314	1.4009
0.20	0.40	4.45	1.3130	-0.1897	0.0306	1.3770
0.20	0.40	4.65	1.3086	-0.1807	0.0290	1.4462
0.20	0.40	4.85	1.3013	-0.1731	0.0248	1.4260
0.20	0.40	5.05	1.2997	-0.1618	0.0220	1.2745
0.20	0.40	5.55	1.2815	-0.1571	0.0194	1.3902

0.20	0.40	6.05	1.2694	-0.1481	0.0157	1.3890
0.20	0.40	6.55	1.2601	-0.1397	0.0134	1.4193
0.20	0.40	7.05	1.2529	-0.1240	0.0155	1.3312
0.20	0.40	7.55	1.2467	-0.1182	0.0146	1.4007
0.20	0.40	8.05	1.2408	-0.1063	0.0110	1.3329
0.20	0.40	8.55	1.2353	-0.0996	0.0089	1.3552
0.20	0.40	9.05	1.2312	-0.0899	0.0072	1.3353
0.30	0.40	0.05	0.0895	0.5808	-0.1310	21.5299
0.30	0.40	0.15	0.1770	0.5458	-0.1672	23.8228
0.30	0.40	0.25	0.2428	0.4275	-0.2200	23.7674
0.30	0.40	0.35	0.2971	0.2711	-0.2574	25.5156
0.30	0.40	0.45	0.3560	0.1051	-0.2884	25.1195
0.30	0.40	0.55	0.4501	0.0594	-0.2983	26.7282
0.30	0.40	0.65	0.5115	-0.0335	-0.3077	28.7359
0.30	0.40	0.75	0.6095	-0.1596	-0.3077	27.1479
0.30	0.40	0.85	0.7421	-0.1904	-0.3103	26.5569
0.30	0.40	0.95	0.8742	-0.2029	-0.3068	28.2516
0.30	0.40	1.05	1.0199	-0.2407	-0.2987	28.8517
0.30	0.40	1.15	1.1954	-0.2888	-0.2866	22.9817
0.30	0.40	1.25	1.3018	-0.3214	-0.2486	18.3137
0.30	0.40	1.35	1.4008	-0.2837	-0.2236	12.7533
0.30	0.40	1.45	1.4405	-0.2722	-0.1853	8.6152
0.30	0.40	1.55	1.4629	-0.2719	-0.1546	6.3537
0.30	0.40	1.65	1.4711	-0.2834	-0.1334	5.1420
0.30	0.40	1.75	1.4666	-0.2971	-0.1115	4.5255
0.30	0.40	1.85	1.4606	-0.2983	-0.1069	3.6945
0.30	0.40	1.95	1.4532	-0.2952	-0.1060	3.2485
0.30	0.40	2.05	1.4429	-0.2980	-0.1015	3.0412
0.30	0.40	2.15	1.4386	-0.2865	-0.0987	2.5995
0.30	0.40	2.25	1.4333	-0.2854	-0.0875	2.4041
0.30	0.40	2.35	1.4287	-0.2704	-0.0826	2.3103
0.30	0.40	2.45	1.4198	-0.2751	-0.0796	2.1950
0.30	0.40	2.55	1.4115	-0.2589	-0.0801	1.9870
0.30	0.40	2.65	1.4064	-0.2528	-0.0732	1.8989
0.30	0.40	2.75	1.4006	-0.2564	-0.0659	1.8053
0.30	0.40	2.85	1.3926	-0.2538	-0.0650	1.8994
0.30	0.40	2.95	1.3899	-0.2339	-0.0588	1.7899
0.30	0.40	3.05	1.3834	-0.2298	-0.0556	1.8304
0.30	0.40	3.15	1.3791	-0.2230	-0.0529	1.6691
0.30	0.40	3.25	1.3729	-0.2259	-0.0537	1.7671
0.30	0.40	3.35	1.3669	-0.2217	-0.0504	1.8101
0.30	0.40	3.45	1.3644	-0.2123	-0.0488	1.8483
0.30	0.40	3.55	1.3580	-0.2059	-0.0474	1.7828
0.30	0.40	3.75	1.3500	-0.1909	-0.0428	1.7536
0.30	0.40	3.95	1.3407	-0.1995	-0.0370	1.6213
0.30	0.40	4.15	1.3362	-0.1787	-0.0362	1.6348
0.30	0.40	4.35	1.3270	-0.1725	-0.0356	1.6640
0.30	0.40	4.55	1.3199	-0.1645	-0.0353	1.6082
0.30	0.40	4.75	1.3120	-0.1612	-0.0346	1.6498
0.30	0.40	4.95	1.3018	-0.1653	-0.0347	1.6365
0.30	0.40	5.15	1.2996	-0.1544	-0.0329	1.6768

0.30	0.40	5.35	1.2944	-0.1470	-0.0305	1.9064
0.30	0.40	5.55	1.2927	-0.1382	-0.0262	1.8264
0.30	0.40	6.05	1.2781	-0.1314	-0.0216	1.6903
0.30	0.40	6.55	1.2672	-0.1261	-0.0156	1.5673
0.30	0.40	7.05	1.2564	-0.1147	-0.0124	1.6407
0.30	0.40	7.55	1.2520	-0.1035	-0.0092	1.7420
0.30	0.40	8.05	1.2441	-0.0989	-0.0122	0.7747
0.30	0.40	8.55	1.2404	-0.0836	-0.0095	1.8043
0.30	0.40	9.05	1.2333	-0.0838	-0.0081	1.6226
0.30	0.40	9.55	1.2293	-0.0794	-0.0063	1.7356
0.30	0.40	10.05	1.2241	-0.0738	-0.0055	1.6377
0.30	0.40	10.55	1.2221	-0.0681	-0.0059	1.5885
0.30	0.40	11.05	1.2170	-0.0672	-0.0042	1.4771
0.40	0.40	0.05	0.3066	0.6184	-0.1397	19.8074
0.40	0.40	0.15	0.3539	0.4850	-0.2005	18.7267
0.40	0.40	0.25	0.3981	0.4016	-0.2344	19.3504
0.40	0.40	0.35	0.4325	0.2469	-0.2609	21.7738
0.40	0.40	0.45	0.4667	0.1334	-0.2800	21.7338
0.40	0.40	0.55	0.5026	0.0445	-0.3001	21.8066
0.40	0.40	0.65	0.5618	-0.0680	-0.3141	20.4149
0.40	0.40	0.75	0.6262	-0.1129	-0.3353	24.0163
0.40	0.40	0.85	0.7089	-0.1634	-0.3453	25.4744
0.40	0.40	0.95	0.8185	-0.1945	-0.3651	25.5455
0.40	0.40	1.05	0.9317	-0.1934	-0.3733	23.5472
0.40	0.40	1.15	1.0259	-0.1847	-0.3745	20.3878
0.40	0.40	1.25	1.1102	-0.2059	-0.3585	18.3744
0.40	0.40	1.35	1.1920	-0.2552	-0.3347	17.6045
0.40	0.40	1.45	1.2852	-0.2306	-0.3163	13.1405
0.40	0.40	1.55	1.3231	-0.2756	-0.2869	10.8611
0.40	0.40	1.65	1.3721	-0.2628	-0.2673	6.8380
0.40	0.40	1.75	1.3811	-0.2902	-0.2388	5.5168
0.40	0.40	1.85	1.3888	-0.3020	-0.2133	5.3734
0.40	0.40	1.95	1.3977	-0.3016	-0.2034	4.6859
0.40	0.40	2.05	1.3950	-0.3140	-0.1993	4.1920
0.40	0.40	2.15	1.3998	-0.2742	-0.1941	3.4953
0.40	0.40	2.25	1.3917	-0.2584	-0.1901	3.2599
0.40	0.40	2.35	1.3882	-0.2570	-0.1837	3.0956
0.40	0.40	2.45	1.3806	-0.2450	-0.1801	2.7270
0.40	0.40	2.55	1.3800	-0.2542	-0.1719	2.4769
0.40	0.40	2.65	1.3785	-0.2622	-0.1621	2.2675
0.40	0.40	2.75	1.3721	-0.2597	-0.1584	2.1845
0.40	0.40	2.85	1.3695	-0.2452	-0.1560	2.0466
0.40	0.40	2.95	1.3676	-0.2435	-0.1496	1.9178
0.40	0.40	3.05	1.3614	-0.2420	-0.1415	1.8191
0.40	0.40	3.15	1.3562	-0.2365	-0.1363	1.7487
0.40	0.40	3.25	1.3538	-0.2266	-0.1318	1.6934
0.40	0.40	3.35	1.3486	-0.2245	-0.1278	1.6710
0.40	0.40	3.45	1.3444	-0.2235	-0.1249	1.5778
0.40	0.40	3.55	1.3443	-0.2156	-0.1206	1.6195
0.40	0.40	3.75	1.3406	-0.2157	-0.1127	1.5352
0.40	0.40	3.95	1.3282	-0.2138	-0.1056	1.6870

0.40	0.40	4.15	1.3261	-0.1962	-0.0982	1.4952
0.40	0.40	4.35	1.3209	-0.1959	-0.0909	1.3354
0.40	0.40	4.55	1.3170	-0.1749	-0.0874	1.4169
0.40	0.40	4.75	1.3093	-0.1776	-0.0829	1.4542
0.40	0.40	4.95	1.3073	-0.1701	-0.0807	1.5749
0.40	0.40	5.15	1.3001	-0.1714	-0.0738	1.4261
0.40	0.40	5.35	1.2923	-0.1648	-0.0701	1.5136
0.40	0.40	5.55	1.2884	-0.1681	-0.0687	1.1680
0.40	0.40	6.05	1.2817	-0.1473	-0.0589	1.4100
0.40	0.40	6.55	1.2656	-0.1511	-0.0509	1.6174
0.40	0.40	7.05	1.2638	-0.1311	-0.0464	1.3799
0.40	0.40	7.55	1.2537	-0.1298	-0.0394	1.3300
0.40	0.40	8.05	1.2488	-0.1194	-0.0350	1.3568
0.40	0.40	8.55	1.2448	-0.1078	-0.0323	1.3087
0.40	0.40	9.05	1.2377	-0.1024	-0.0290	1.2388
0.40	0.40	9.55	1.2342	-0.0958	-0.0238	1.2489
0.40	0.40	10.05	1.2278	-0.0963	-0.0223	1.2161
0.40	0.40	10.55	1.2251	-0.0933	-0.0168	1.2998
0.40	0.40	11.05	1.2212	-0.0899	-0.0141	1.3004
0.50	0.40	0.05	0.4561	0.5721	-0.1097	16.3127
0.50	0.40	0.15	0.5056	0.4918	-0.1578	20.3641
0.50	0.40	0.25	0.5361	0.4404	-0.2020	19.2568
0.50	0.40	0.35	0.5687	0.3695	-0.2284	19.6353
0.50	0.40	0.45	0.6003	0.3013	-0.2857	21.8962
0.50	0.40	0.55	0.6407	0.2052	-0.3121	20.9275
0.50	0.40	0.65	0.6679	0.1613	-0.3333	19.9499
0.50	0.40	0.75	0.7051	0.0516	-0.3608	20.1403
0.50	0.40	0.85	0.7300	-0.0230	-0.3822	22.9474
0.50	0.40	0.95	0.7838	-0.0826	-0.3849	23.5440
0.50	0.40	1.05	0.8126	-0.1243	-0.3834	24.3455
0.50	0.40	1.15	0.8690	-0.1781	-0.3808	23.4899
0.50	0.40	1.25	0.9438	-0.1825	-0.3747	23.2384
0.50	0.40	1.35	1.0298	-0.1561	-0.3692	20.6397
0.50	0.40	1.45	1.1304	-0.1397	-0.3595	14.6920
0.50	0.40	1.55	1.2089	-0.1861	-0.3497	12.5174
0.50	0.40	1.65	1.2519	-0.1827	-0.3329	8.8943
0.50	0.40	1.75	1.2832	-0.2005	-0.3166	7.1340
0.50	0.40	1.85	1.2989	-0.2273	-0.2935	6.9762
0.50	0.40	1.95	1.3197	-0.2246	-0.2711	6.2519
0.50	0.40	2.05	1.3179	-0.2513	-0.2636	5.5129
0.50	0.40	2.15	1.3201	-0.2620	-0.2523	4.7715
0.50	0.40	2.25	1.3198	-0.2667	-0.2408	4.4401
0.50	0.40	2.35	1.3255	-0.2648	-0.2384	3.9767
0.50	0.40	2.45	1.3265	-0.2520	-0.2350	3.6748
0.50	0.40	2.55	1.3262	-0.2459	-0.2266	3.2010
0.50	0.40	2.65	1.3314	-0.2350	-0.2205	3.1652
0.50	0.40	2.75	1.3308	-0.2273	-0.2166	2.9333
0.50	0.40	2.85	1.3304	-0.2057	-0.2119	2.7459
0.50	0.40	2.95	1.3272	-0.2085	-0.2088	2.6031
0.50	0.40	3.05	1.3180	-0.2210	-0.2041	2.4119
0.50	0.40	3.15	1.3225	-0.1946	-0.2012	2.3217

0.50	0.40	3.25	1.3196	-0.1967	-0.1941	2.1971
0.50	0.40	3.35	1.3187	-0.2000	-0.1851	1.9512
0.50	0.40	3.45	1.3104	-0.2050	-0.1821	1.9730
0.50	0.40	3.55	1.3088	-0.1862	-0.1775	1.8123
0.50	0.40	3.75	1.3077	-0.1839	-0.1646	1.7991
0.50	0.40	3.95	1.3040	-0.1779	-0.1615	1.7587
0.50	0.40	4.15	1.3010	-0.1774	-0.1552	1.7213
0.50	0.40	4.35	1.2986	-0.1739	-0.1435	1.7097
0.50	0.40	4.55	1.2937	-0.1742	-0.1340	1.7810
0.50	0.40	4.75	1.2904	-0.1702	-0.1270	1.6492
0.50	0.40	4.95	1.2857	-0.1643	-0.1232	1.5671
0.50	0.40	5.15	1.2826	-0.1680	-0.1200	1.5053
0.50	0.40	5.35	1.2801	-0.1575	-0.1153	1.5562
0.50	0.40	5.55	1.2769	-0.1531	-0.1134	1.4831
0.50	0.40	6.05	1.2682	-0.1517	-0.1000	1.5758
0.50	0.40	6.55	1.2611	-0.1419	-0.0881	1.5494
0.50	0.40	7.05	1.2535	-0.1327	-0.0821	1.6059
0.50	0.40	7.55	1.2471	-0.1259	-0.0743	1.5143
0.50	0.40	8.05	1.2419	-0.1184	-0.0667	1.5050
0.50	0.40	8.55	1.2369	-0.1112	-0.0573	1.5528
0.50	0.40	9.05	1.2337	-0.1082	-0.0550	1.4977
0.50	0.40	9.55	1.2284	-0.1000	-0.0411	1.5166
0.50	0.40	10.05	1.2264	-0.0957	-0.0395	1.4958
0.50	0.40	10.55	1.2229	-0.0928	-0.0317	1.4487
0.50	0.40	11.05	1.2198	-0.0895	-0.0275	1.4797
0.50	0.40	11.55	1.2190	-0.0838	-0.0265	1.3975
0.60	0.40	0.05	0.5625	0.3525	-0.1528	19.6546
0.60	0.40	0.15	0.5900	0.3293	-0.1683	17.5613
0.60	0.40	0.25	0.6240	0.3024	-0.1947	18.5269
0.60	0.40	0.35	0.6499	0.2689	-0.2111	20.1349
0.60	0.40	0.45	0.6677	0.2468	-0.2422	20.6712
0.60	0.40	0.55	0.6908	0.2185	-0.2671	20.4402
0.60	0.40	0.65	0.7129	0.1743	-0.2820	21.0218
0.60	0.40	0.75	0.7491	0.1512	-0.3037	21.1326
0.60	0.40	0.85	0.7884	0.1522	-0.3277	21.4414
0.60	0.40	0.95	0.8290	0.0818	-0.3330	21.5742
0.60	0.40	1.05	0.8690	0.0584	-0.3391	20.8041
0.60	0.40	1.15	0.9191	0.0132	-0.3416	19.4609
0.60	0.40	1.25	0.9719	0.0348	-0.3446	19.1826
0.60	0.40	1.35	1.0416	0.0617	-0.3454	16.4619
0.60	0.40	1.45	1.0822	0.0042	-0.3484	15.9362
0.60	0.40	1.55	1.1291	-0.0201	-0.3484	13.9356
0.60	0.40	1.65	1.1742	-0.0945	-0.3459	10.6827
0.60	0.40	1.75	1.1913	-0.1716	-0.3387	9.4502
0.60	0.40	1.85	1.2207	-0.1716	-0.3353	8.4973
0.60	0.40	1.95	1.2449	-0.1672	-0.3260	6.4704
0.60	0.40	2.05	1.2521	-0.1897	-0.3203	6.5513
0.60	0.40	2.15	1.2674	-0.1791	-0.3128	5.8119
0.60	0.40	2.25	1.2741	-0.1755	-0.3057	5.0688
0.60	0.40	2.35	1.2802	-0.1927	-0.2951	4.6084
0.60	0.40	2.45	1.2776	-0.2020	-0.2863	3.5373

0.60	0.40	2.55	1.2768	-0.2008	-0.2788	2.9931
0.60	0.40	2.65	1.2748	-0.1914	-0.2758	2.8250
0.60	0.40	2.75	1.2723	-0.1681	-0.2717	3.2936
0.60	0.40	2.85	1.2736	-0.1708	-0.2600	2.8530
0.60	0.40	2.95	1.2752	-0.1712	-0.2540	3.0179
0.60	0.40	3.05	1.2755	-0.1663	-0.2484	2.5970
0.60	0.40	3.15	1.2724	-0.1816	-0.2387	2.4316
0.60	0.40	3.25	1.2725	-0.1770	-0.2282	2.3215
0.60	0.40	3.35	1.2749	-0.1618	-0.2253	2.3623
0.60	0.40	3.45	1.2765	-0.1604	-0.2184	2.0919
0.60	0.40	3.55	1.2757	-0.1663	-0.2134	2.0579
0.60	0.40	3.75	1.2755	-0.1634	-0.2035	1.8321
0.60	0.40	3.95	1.2730	-0.1563	-0.1891	1.9071
0.60	0.40	4.15	1.2688	-0.1487	-0.1822	1.9103
0.60	0.40	4.35	1.2680	-0.1419	-0.1753	1.8029
0.60	0.40	4.55	1.2646	-0.1437	-0.1694	1.6494
0.60	0.40	4.75	1.2633	-0.1441	-0.1619	1.6101
0.60	0.40	4.95	1.2614	-0.1337	-0.1569	1.5797
0.60	0.40	5.15	1.2585	-0.1405	-0.1480	1.2181
0.60	0.40	5.35	1.2570	-0.1308	-0.1431	1.5934
0.60	0.40	5.55	1.2560	-0.1266	-0.1354	1.6682
0.60	0.40	6.05	1.2519	-0.1286	-0.1185	1.6030
0.60	0.40	6.55	1.2458	-0.1191	-0.1092	1.7397
0.60	0.40	7.05	1.2428	-0.1098	-0.0973	1.5311
0.60	0.40	7.55	1.2379	-0.1042	-0.0890	1.5935
0.60	0.40	8.05	1.2340	-0.1023	-0.0758	1.4858
0.60	0.40	8.55	1.2310	-0.1021	-0.0700	1.6163
0.60	0.40	9.05	1.2268	-0.0922	-0.0658	1.4356
0.60	0.40	9.55	1.2241	-0.0868	-0.0537	1.4853
0.60	0.40	10.05	1.2217	-0.0765	-0.0489	1.5751
0.60	0.40	10.55	1.2182	-0.0759	-0.0432	1.4780
0.60	0.40	11.05	1.2150	-0.0761	-0.0391	1.3954
0.60	0.40	11.55	1.2144	-0.0702	-0.0359	1.4523
0.70	0.40	0.05	0.6191	0.3481	-0.1616	17.1676
0.70	0.40	0.15	0.6414	0.3196	-0.1709	15.1110
0.70	0.40	0.25	0.6631	0.3339	-0.1819	15.5711
0.70	0.40	0.35	0.6826	0.3029	-0.1957	16.0803
0.70	0.40	0.45	0.7072	0.2895	-0.2049	17.2709
0.70	0.40	0.55	0.7308	0.3065	-0.2123	16.8043
0.70	0.40	0.65	0.7468	0.2724	-0.2209	16.4566
0.70	0.40	0.75	0.7832	0.2497	-0.2337	15.6870
0.70	0.40	0.85	0.8054	0.2151	-0.2372	15.5855
0.70	0.40	0.95	0.8476	0.2339	-0.2527	18.3630
0.70	0.40	1.05	0.8657	0.1937	-0.2676	18.7940
0.70	0.40	1.15	0.9028	0.1769	-0.2836	17.7508
0.70	0.40	1.25	0.9468	0.1737	-0.2967	16.6999
0.70	0.40	1.35	0.9870	0.0959	-0.3160	14.0639
0.70	0.40	1.45	1.0279	0.0734	-0.3300	13.5513
0.70	0.40	1.55	1.0630	0.0047	-0.3548	12.3582
0.70	0.40	1.65	1.0824	-0.1033	-0.3618	12.0597
0.70	0.40	1.75	1.1178	-0.1244	-0.3675	9.9184

0.70	0.40	1.85	1.1476	-0.0896	-0.3692	9.0497
0.70	0.40	1.95	1.1649	-0.0881	-0.3627	8.1661
0.70	0.40	2.05	1.1859	-0.0920	-0.3559	7.0673
0.70	0.40	2.15	1.1913	-0.0850	-0.3428	5.6316
0.70	0.40	2.25	1.2009	-0.1056	-0.3328	5.4923
0.70	0.40	2.35	1.2042	-0.1058	-0.3244	5.0046
0.70	0.40	2.45	1.2083	-0.1149	-0.3211	4.4672
0.70	0.40	2.55	1.2159	-0.1402	-0.3110	4.3741
0.70	0.40	2.65	1.2197	-0.1375	-0.3021	4.1313
0.70	0.40	2.75	1.2248	-0.1386	-0.2969	3.9150
0.70	0.40	2.85	1.2296	-0.1488	-0.2929	3.6628
0.70	0.40	2.95	1.2335	-0.1487	-0.2814	3.4431
0.70	0.40	3.05	1.2360	-0.1506	-0.2778	3.0982
0.70	0.40	3.15	1.2362	-0.1557	-0.2705	2.8419
0.70	0.40	3.25	1.2384	-0.1416	-0.2599	2.8387
0.70	0.40	3.35	1.2457	-0.1243	-0.2560	2.6457
0.70	0.40	3.45	1.2369	-0.1534	-0.2505	2.4413
0.70	0.40	3.55	1.2414	-0.1370	-0.2477	2.2116
0.70	0.40	3.75	1.2417	-0.1363	-0.2372	2.0219
0.70	0.40	3.95	1.2405	-0.1424	-0.2263	1.9221
0.70	0.40	4.15	1.2427	-0.1349	-0.2119	1.8322
0.70	0.40	4.35	1.2404	-0.1393	-0.2041	1.7754
0.70	0.40	4.55	1.2392	-0.1302	-0.1954	1.6937
0.70	0.40	4.75	1.2392	-0.1349	-0.1854	1.6608
0.70	0.40	4.95	1.2383	-0.1338	-0.1793	1.5657
0.70	0.40	5.15	1.2375	-0.1292	-0.1732	1.5901
0.70	0.40	5.35	1.2391	-0.1188	-0.1658	1.5469
0.70	0.40	5.55	1.2342	-0.1257	-0.1593	1.6804
0.70	0.40	6.05	1.2330	-0.1204	-0.1420	1.5397
0.70	0.40	6.55	1.2277	-0.1237	-0.1279	1.5295
0.70	0.40	7.05	1.2299	-0.1108	-0.1159	1.4919
0.70	0.40	7.55	1.2233	-0.1127	-0.1071	1.4976
0.70	0.40	8.05	1.2227	-0.1075	-0.0967	1.6232
0.70	0.40	8.55	1.2207	-0.0967	-0.0848	1.1556
0.70	0.40	9.05	1.2168	-0.0944	-0.0781	1.5543
0.70	0.40	9.55	1.2163	-0.0933	-0.0704	1.4612
0.70	0.40	10.05	1.2136	-0.0902	-0.0641	1.4810
0.70	0.40	10.55	1.2103	-0.0920	-0.0561	1.2910
0.70	0.40	11.05	1.2108	-0.0831	-0.0557	1.2710
0.70	0.40	11.55	1.2073	-0.0837	-0.0473	1.4363
0.80	0.40	0.05	0.6231	0.2498	-0.1652	14.2401
0.80	0.40	0.15	0.6342	0.1954	-0.1882	11.8295
0.80	0.40	0.25	0.6568	0.1907	-0.2134	12.9618
0.80	0.40	0.35	0.6784	0.1839	-0.2309	12.8136
0.80	0.40	0.45	0.6874	0.1624	-0.2455	14.7251
0.80	0.40	0.55	0.7045	0.1623	-0.2648	13.6402
0.80	0.40	0.65	0.7310	0.1798	-0.2707	16.5087
0.80	0.40	0.75	0.7553	0.1590	-0.2758	18.2304
0.80	0.40	0.85	0.7781	0.1435	-0.2855	18.1547
0.80	0.40	0.95	0.8132	0.1432	-0.2970	17.2078
0.80	0.40	1.05	0.8665	0.1905	-0.3053	15.2583

0.80	0.40	1.15	0.9077	0.1779	-0.3092	15.9215
0.80	0.40	1.25	0.9626	0.1732	-0.3147	13.2414
0.80	0.40	1.35	0.9894	0.1433	-0.3259	12.0553
0.80	0.40	1.45	1.0089	0.0865	-0.3284	11.8366
0.80	0.40	1.55	1.0269	0.0051	-0.3383	12.2895
0.80	0.40	1.65	1.0543	-0.0361	-0.3510	11.7193
0.80	0.40	1.75	1.0823	-0.0648	-0.3569	9.4442
0.80	0.40	1.85	1.0968	-0.0673	-0.3559	9.0895
0.80	0.40	1.95	1.1104	-0.0788	-0.3535	8.1830
0.80	0.40	2.05	1.1189	-0.1040	-0.3472	6.6550
0.80	0.40	2.15	1.1395	-0.0906	-0.3398	6.4675
0.80	0.40	2.25	1.1573	-0.0896	-0.3303	6.2790
0.80	0.40	2.35	1.1677	-0.0825	-0.3280	5.9731
0.80	0.40	2.45	1.1708	-0.0974	-0.3214	5.0228
0.80	0.40	2.55	1.1778	-0.0940	-0.3089	5.1976
0.80	0.40	2.65	1.1812	-0.0984	-0.3031	4.3638
0.80	0.40	2.75	1.1882	-0.0926	-0.2940	4.4341
0.80	0.40	2.85	1.1917	-0.1056	-0.2924	4.0151
0.80	0.40	2.95	1.1926	-0.1221	-0.2849	3.9688
0.80	0.40	3.05	1.1933	-0.1364	-0.2790	3.9436
0.80	0.40	3.15	1.1936	-0.1343	-0.2764	3.2484
0.80	0.40	3.25	1.1946	-0.1421	-0.2709	3.0664
0.80	0.40	3.35	1.2014	-0.1241	-0.2674	3.1169
0.80	0.40	3.45	1.2007	-0.1189	-0.2581	2.9263
0.80	0.40	3.55	1.2031	-0.1287	-0.2517	2.6393
0.80	0.40	3.75	1.2029	-0.1176	-0.2452	2.4344
0.80	0.40	3.95	1.2058	-0.1219	-0.2380	2.2627
0.80	0.40	4.15	1.2040	-0.1202	-0.2289	2.0212
0.80	0.40	4.35	1.2069	-0.1116	-0.2176	1.9031
0.80	0.40	4.55	1.2068	-0.1140	-0.2102	1.8391
0.80	0.40	4.75	1.2084	-0.1019	-0.2049	1.7662
0.80	0.40	4.95	1.2060	-0.1190	-0.1988	1.8145
0.80	0.40	5.15	1.2076	-0.1154	-0.1951	1.7372
0.80	0.40	5.35	1.2051	-0.1140	-0.1871	1.8528
0.80	0.40	5.55	1.2086	-0.1086	-0.1824	1.5581
0.80	0.40	6.05	1.2085	-0.1093	-0.1641	1.5702
0.80	0.40	6.55	1.2106	-0.1006	-0.1489	1.6203
0.80	0.40	7.05	1.2080	-0.1078	-0.1357	1.4842
0.80	0.40	7.55	1.2092	-0.1037	-0.1240	1.4810
0.80	0.40	8.05	1.2070	-0.0967	-0.1115	1.5391
0.80	0.40	8.55	1.2058	-0.0975	-0.1014	1.4978
0.80	0.40	9.05	1.2051	-0.0846	-0.0935	1.5151
0.80	0.40	9.55	1.2044	-0.0902	-0.0820	1.4082
0.80	0.40	10.05	1.2025	-0.0871	-0.0729	1.4709
0.80	0.40	10.55	1.2028	-0.0820	-0.0623	1.3890
0.80	0.40	11.05	1.2007	-0.0810	-0.0562	1.4108
0.80	0.40	11.55	1.2016	-0.0714	-0.0518	1.3982
0.90	0.40	0.05	0.6834	0.3991	-0.1650	12.8547
0.90	0.40	0.20	0.7328	0.3627	-0.1955	13.2101
0.90	0.40	0.35	0.7566	0.3213	-0.2151	14.2751
0.90	0.40	0.50	0.7893	0.3207	-0.2278	14.7777

0.90	0.40	0.65	0.8115	0.2983	-0.2446	14.8137
0.90	0.40	0.80	0.8334	0.2875	-0.2670	14.2844
0.90	0.40	0.95	0.8590	0.2487	-0.2900	14.3701
0.90	0.40	1.10	0.8849	0.2051	-0.3142	13.3232
0.90	0.40	1.25	0.9220	0.1488	-0.3332	12.5962
0.90	0.40	1.40	0.9700	0.1192	-0.3470	11.3073
0.90	0.40	1.55	1.0086	0.0361	-0.3567	8.9747
0.90	0.40	1.70	1.0390	0.0041	-0.3630	7.6575
0.90	0.40	1.85	1.0504	-0.0223	-0.3543	7.6821
0.90	0.40	2.00	1.0792	-0.0207	-0.3415	7.4774
0.90	0.40	2.15	1.0922	-0.0581	-0.3360	7.0700
0.90	0.40	2.30	1.1106	-0.0623	-0.3234	6.2003
0.90	0.40	2.45	1.1199	-0.0682	-0.3162	5.9376
0.90	0.40	2.60	1.1299	-0.0711	-0.3117	5.4638
0.90	0.40	2.75	1.1422	-0.0796	-0.3021	4.4160
0.90	0.40	2.90	1.1491	-0.0800	-0.2942	3.9693
0.90	0.40	3.05	1.1589	-0.0796	-0.2889	3.9303
0.90	0.40	3.20	1.1637	-0.0858	-0.2762	3.9248
0.90	0.40	3.35	1.1664	-0.0875	-0.2716	1.7616
0.90	0.40	3.50	1.1741	-0.0781	-0.2657	1.5329
0.90	0.40	3.65	1.1757	-0.0886	-0.2568	1.7288
0.90	0.40	3.90	1.1763	-0.0932	-0.2426	1.6493
0.90	0.40	4.15	1.1727	-0.1155	-0.2300	1.7270
0.90	0.40	4.40	1.1778	-0.0975	-0.2209	1.5448
0.90	0.40	4.65	1.1782	-0.0937	-0.2090	1.8528
0.90	0.40	4.90	1.1801	-0.0944	-0.2016	1.7766
0.90	0.40	5.15	1.1802	-0.1053	-0.1948	1.6164
0.90	0.40	5.40	1.1827	-0.0984	-0.1858	1.5683
0.90	0.40	5.65	1.1839	-0.0968	-0.1755	1.5631
0.90	0.40	5.90	1.1869	-0.0957	-0.1710	1.4714
0.90	0.40	6.40	1.1860	-0.1046	-0.1564	1.5310
0.90	0.40	6.90	1.1898	-0.0956	-0.1436	1.4569
0.90	0.40	7.40	1.1877	-0.1021	-0.1318	1.5380
0.90	0.40	7.90	1.1862	-0.0986	-0.1241	1.3911
0.90	0.40	8.40	1.1921	-0.0970	-0.1116	1.3333
0.90	0.40	8.90	1.1897	-0.0900	-0.1040	1.3954
0.90	0.40	9.40	1.1864	-0.0995	-0.0968	1.3625
0.90	0.40	9.90	1.1894	-0.0829	-0.0872	1.4489
0.90	0.40	10.40	1.1902	-0.0868	-0.0791	1.3864
0.90	0.40	10.90	1.1897	-0.0890	-0.0704	1.3971
0.90	0.40	11.40	1.1902	-0.0829	-0.0637	1.2584
0.90	0.40	11.90	1.1904	-0.0780	-0.0580	1.3221
0.90	0.40	12.40	1.1878	-0.0796	-0.0515	1.3296
0.90	0.40	12.90	1.1885	-0.0784	-0.0476	1.5083
0.90	0.40	13.40	1.1896	-0.0729	-0.0454	1.5504
0.90	0.40	13.90	1.1854	-0.0760	-0.0398	2.5830
0.90	0.40	14.40	1.1867	-0.0686	-0.0364	1.5480
0.99	0.40	0.05	0.6654	0.4447	-0.1382	13.4581
0.99	0.40	0.20	0.7317	0.4510	-0.1661	13.5032
0.99	0.40	0.35	0.7839	0.4698	-0.1821	14.5298
0.99	0.40	0.50	0.8038	0.4643	-0.2068	14.2133

0.99	0.40	0.65	0.8220	0.4347	-0.2232	13.2254
0.99	0.40	0.80	0.8369	0.3381	-0.2494	13.1521
0.99	0.40	0.95	0.8585	0.3033	-0.2764	12.4077
0.99	0.40	1.10	0.8785	0.1905	-0.3075	12.1958
0.99	0.40	1.25	0.9062	0.1561	-0.3199	11.5486
0.99	0.40	1.40	0.9418	0.0849	-0.3278	11.8052
0.99	0.40	1.55	0.9615	0.0102	-0.3356	10.7353
0.99	0.40	1.70	0.9913	0.0147	-0.3369	9.7144
0.99	0.40	1.85	1.0243	0.0169	-0.3280	7.2552
0.99	0.40	2.00	1.0437	0.0004	-0.3258	7.9151
0.99	0.40	2.15	1.0567	-0.0217	-0.3176	7.1834
0.99	0.40	2.30	1.0718	-0.0256	-0.3112	6.8541
0.99	0.40	2.45	1.0924	-0.0497	-0.3037	5.5196
0.99	0.40	2.60	1.0955	-0.0588	-0.2940	5.9210
0.99	0.40	2.75	1.1096	-0.0643	-0.2896	3.0655
0.99	0.40	2.90	1.1211	-0.0610	-0.2855	4.0940
0.99	0.40	3.05	1.1298	-0.0661	-0.2778	3.9278
0.99	0.40	3.20	1.1327	-0.0853	-0.2689	3.0231
0.99	0.40	3.35	1.1342	-0.0977	-0.2635	2.8224
0.99	0.40	3.50	1.1360	-0.1014	-0.2559	2.5778
0.99	0.40	3.65	1.1420	-0.0795	-0.2502	2.5713
0.99	0.40	3.90	1.1453	-0.0754	-0.2379	2.4057
0.99	0.40	4.15	1.1460	-0.0735	-0.2339	2.1446
0.99	0.40	4.40	1.1527	-0.0860	-0.2259	2.0856
0.99	0.40	4.65	1.1555	-0.0818	-0.2187	1.8687
0.99	0.40	4.90	1.1573	-0.0828	-0.2118	1.7331
0.99	0.40	5.15	1.1602	-0.0912	-0.2026	1.6467
0.99	0.40	5.40	1.1639	-0.0785	-0.1948	1.6858
0.99	0.40	5.65	1.1686	-0.0850	-0.1868	1.4177
0.99	0.40	5.90	1.1702	-0.0839	-0.1823	1.5008
0.99	0.40	6.40	1.1700	-0.0922	-0.1692	1.4336
0.99	0.40	6.90	1.1709	-0.0969	-0.1548	1.4392
0.99	0.40	7.40	1.1733	-0.0898	-0.1466	1.4583
0.99	0.40	7.90	1.1779	-0.0892	-0.1347	1.4142
0.99	0.40	8.40	1.1784	-0.0903	-0.1257	1.3675
0.99	0.40	8.90	1.1785	-0.0919	-0.1142	1.3469
0.99	0.40	9.40	1.1780	-0.0956	-0.1088	1.2716
0.99	0.40	9.90	1.1808	-0.0896	-0.1000	1.2838
0.99	0.40	10.40	1.1801	-0.0917	-0.0903	1.3258
0.99	0.40	10.90	1.1802	-0.0908	-0.0817	1.3239
0.99	0.40	11.40	1.1802	-0.0925	-0.0726	1.2666
0.99	0.40	11.90	1.1812	-0.0909	-0.0632	1.3305
0.99	0.40	12.40	1.1825	-0.0852	-0.0548	1.2627
0.99	0.40	12.90	1.1834	-0.0816	-0.0539	1.3427
0.99	0.40	13.40	1.1842	-0.0778	-0.0492	1.6354
0.99	0.40	13.90	1.1866	-0.0721	-0.0447	1.9211
0.00	0.55	0.05	-0.2845	-0.4317	0.0244	6.2926
0.00	0.55	0.10	-0.2948	-0.4277	0.0186	6.5803
0.00	0.55	0.15	-0.2937	-0.3957	0.0182	6.3556
0.00	0.55	0.20	-0.2500	-0.2804	0.0150	8.7885
0.00	0.55	0.25	0.2699	0.6302	0.0144	29.8534

0.00	0.55	0.30	0.9082	1.7298	0.0148	23.5680
0.00	0.55	0.35	1.2686	2.3027	0.0217	3.5271
0.00	0.55	0.40	1.2461	1.9355	0.0751	2.4968
0.00	0.55	0.45	1.2100	1.0912	0.2274	5.2444
0.00	0.55	0.50	1.2074	0.0920	0.5009	4.8795
0.00	0.55	0.55	1.1992	-0.3850	0.6094	5.5701
0.00	0.55	0.60	1.2009	-0.3854	0.6647	5.0412
0.00	0.55	0.65	1.2066	-0.3391	0.6558	4.7272
0.00	0.55	0.70	1.2119	-0.2764	0.6589	4.4058
0.00	0.55	0.75	1.2135	-0.1899	0.6546	4.0899
0.00	0.55	0.80	1.2168	-0.1321	0.6290	3.9508
0.00	0.55	0.85	1.2166	-0.1548	0.6079	3.4306
0.00	0.55	0.90	1.2113	-0.1456	0.6019	3.5544
0.00	0.55	0.95	1.2138	-0.1446	0.5809	3.1758
0.00	0.55	1.00	1.2244	-0.1244	0.5634	2.9696
0.00	0.55	1.05	1.2237	-0.1336	0.5466	3.0725
0.00	0.55	1.15	1.2297	-0.1226	0.5147	2.7867
0.00	0.55	1.25	1.2211	-0.1374	0.4871	2.5891
0.00	0.55	1.35	1.2256	-0.1353	0.4629	2.3885
0.00	0.55	1.45	1.2285	-0.1392	0.4425	2.3633
0.00	0.55	1.55	1.2292	-0.1419	0.4241	2.2484
0.00	0.55	1.65	1.2302	-0.1395	0.4104	2.1983
0.00	0.55	1.75	1.2377	-0.1275	0.3925	2.0957
0.00	0.55	1.85	1.2393	-0.1231	0.3740	2.1629
0.00	0.55	1.95	1.2411	-0.1221	0.3602	2.0010
0.00	0.55	2.05	1.2398	-0.1279	0.3495	2.1119
0.00	0.55	2.15	1.2392	-0.1474	0.3322	1.9568
0.00	0.55	2.25	1.2440	-0.1287	0.3180	1.9195
0.00	0.55	2.35	1.2399	-0.1453	0.3076	1.8421
0.00	0.55	2.45	1.2368	-0.1454	0.2996	2.0486
0.00	0.55	2.55	1.2398	-0.1383	0.2875	1.9008
0.00	0.55	2.65	1.2383	-0.1348	0.2782	1.8495
0.00	0.55	2.75	1.2401	-0.1342	0.2681	1.8119
0.00	0.55	2.85	1.2351	-0.1430	0.2609	1.7648
0.00	0.55	2.95	1.2373	-0.1382	0.2537	1.8297
0.00	0.55	3.05	1.2337	-0.1353	0.2440	1.8113
0.00	0.55	3.30	1.2375	-0.1340	0.2278	1.7409
0.00	0.55	3.55	1.2355	-0.1313	0.2113	1.5752
0.00	0.55	3.80	1.2285	-0.1439	0.1929	1.6376
0.00	0.55	4.05	1.2326	-0.1261	0.1796	1.6309
0.00	0.55	4.30	1.2302	-0.1277	0.1690	1.6924
0.00	0.55	4.55	1.2274	-0.1235	0.1547	1.7182
0.00	0.55	4.80	1.2251	-0.1309	0.1436	1.6796
0.00	0.55	5.05	1.2255	-0.1146	0.1356	1.5120
0.00	0.55	5.30	1.2205	-0.1184	0.1279	1.6913
0.00	0.55	5.55	1.2210	-0.1149	0.1189	1.7500
0.00	0.55	5.80	1.2205	-0.1152	0.1107	1.6851
0.00	0.55	6.05	1.2161	-0.1137	0.1050	1.6952
0.00	0.55	6.30	1.2152	-0.1114	0.0967	1.6301
0.00	0.55	6.55	1.2165	-0.1092	0.0920	1.6722
0.05	0.55	0.05	-0.1506	0.0295	-0.0680	6.7590

0.05	0.55	0.10	-0.1508	0.1476	-0.0661	7.7829
0.05	0.55	0.15	-0.1633	0.1540	-0.0655	8.0722
0.05	0.55	0.20	-0.1584	0.2036	-0.0652	7.6156
0.05	0.55	0.25	-0.1611	0.1972	-0.0662	8.9447
0.05	0.55	0.30	-0.1661	0.1708	-0.0641	9.4850
0.05	0.55	0.35	-0.1511	0.1571	-0.0595	12.4632
0.05	0.55	0.40	-0.1179	0.0400	-0.0509	12.6161
0.05	0.55	0.45	-0.0554	-0.0245	-0.0419	15.0919
0.05	0.55	0.50	0.0659	-0.0238	-0.0351	20.9781
0.05	0.55	0.55	0.3311	0.1221	-0.0315	30.2104
0.05	0.55	0.60	0.6383	0.2057	-0.0261	32.0893
0.05	0.55	0.65	1.0267	0.4485	-0.0132	29.6050
0.05	0.55	0.70	1.3152	0.4061	0.0063	12.7491
0.05	0.55	0.75	1.3837	0.0070	0.0741	8.3261
0.05	0.55	0.80	1.4002	-0.1734	0.2566	6.9320
0.05	0.55	0.85	1.3944	-0.2788	0.4043	5.3428
0.05	0.55	0.90	1.3857	-0.2923	0.4406	4.5337
0.05	0.55	0.95	1.3533	-0.3368	0.4427	3.3503
0.05	0.55	1.00	1.3486	-0.2902	0.4612	3.5992
0.05	0.55	1.05	1.3514	-0.2342	0.4722	3.1398
0.05	0.55	1.15	1.3462	-0.2281	0.4417	2.8463
0.05	0.55	1.25	1.3413	-0.2233	0.4199	2.6858
0.05	0.55	1.35	1.3340	-0.2187	0.4025	2.5370
0.05	0.55	1.45	1.3305	-0.2046	0.3960	2.3667
0.05	0.55	1.55	1.3261	-0.1889	0.3807	2.2890
0.05	0.55	1.65	1.3156	-0.1960	0.3671	2.3212
0.05	0.55	1.75	1.3136	-0.1927	0.3525	2.2390
0.05	0.55	1.85	1.3055	-0.2025	0.3357	2.1695
0.05	0.55	1.95	1.2940	-0.2091	0.3220	2.4348
0.05	0.55	2.05	1.2948	-0.1927	0.3117	2.0749
0.05	0.55	2.15	1.2896	-0.1918	0.2995	1.9045
0.05	0.55	2.25	1.2904	-0.1884	0.2924	1.8432
0.05	0.55	2.35	1.2890	-0.1839	0.2806	2.0646
0.05	0.55	2.45	1.2868	-0.1775	0.2685	2.0918
0.05	0.55	2.55	1.2828	-0.1778	0.2580	1.8659
0.05	0.55	2.65	1.2777	-0.1775	0.2507	1.6740
0.05	0.55	2.75	1.2805	-0.1717	0.2410	1.7486
0.05	0.55	2.85	1.2729	-0.1744	0.2365	1.7915
0.05	0.55	2.95	1.2684	-0.1691	0.2307	1.3726
0.05	0.55	3.05	1.2688	-0.1713	0.2232	1.5300
0.05	0.55	3.30	1.2694	-0.1553	0.2059	1.8113
0.05	0.55	3.55	1.2611	-0.1522	0.1896	1.6626
0.05	0.55	3.80	1.2565	-0.1552	0.1765	1.6310
0.05	0.55	4.05	1.2554	-0.1477	0.1634	1.7844
0.05	0.55	4.30	1.2481	-0.1513	0.1549	1.5512
0.05	0.55	4.55	1.2479	-0.1373	0.1421	1.5077
0.05	0.55	4.80	1.2440	-0.1351	0.1342	1.5245
0.05	0.55	5.05	1.2417	-0.1271	0.1219	1.4632
0.05	0.55	5.30	1.2358	-0.1326	0.1145	1.2899
0.05	0.55	5.55	1.2343	-0.1262	0.1057	1.4638
0.05	0.55	5.80	1.2301	-0.1262	0.0991	1.2398

0.05	0.55	6.05	1.2288	-0.1206	0.0912	1.4928
0.05	0.55	6.30	1.2261	-0.1216	0.0847	1.4687
0.05	0.55	6.55	1.2236	-0.1174	0.0802	1.2822
0.10	0.55	0.05	-0.1664	0.2536	-0.0162	12.2834
0.10	0.55	0.15	-0.1925	0.2723	-0.0236	12.6285
0.10	0.55	0.25	-0.1625	0.3166	-0.0338	13.6091
0.10	0.55	0.35	-0.1371	0.1836	-0.0436	14.9812
0.10	0.55	0.45	0.0015	0.0564	-0.0584	21.4416
0.10	0.55	0.55	0.2854	0.0727	-0.0598	32.6244
0.10	0.55	0.65	0.5362	0.0147	-0.0293	30.1791
0.10	0.55	0.75	0.8612	0.0678	0.0582	32.5704
0.10	0.55	0.85	1.2148	0.0188	0.1365	20.2971
0.10	0.55	0.95	1.4116	-0.2050	0.2238	10.6256
0.10	0.55	1.05	1.4461	-0.2453	0.3095	8.0961
0.10	0.55	1.15	1.4354	-0.2549	0.3172	4.9165
0.10	0.55	1.25	1.4237	-0.2381	0.3317	3.9469
0.10	0.55	1.35	1.4139	-0.2383	0.3144	3.2501
0.10	0.55	1.45	1.4081	-0.2164	0.3082	2.8673
0.10	0.55	1.55	1.3988	-0.2167	0.2979	2.4678
0.10	0.55	1.65	1.3935	-0.2040	0.2901	2.2759
0.10	0.55	1.75	1.3839	-0.2064	0.2786	2.2590
0.10	0.55	1.85	1.3722	-0.2226	0.2719	2.1998
0.10	0.55	1.95	1.3661	-0.2047	0.2654	2.0538
0.10	0.55	2.05	1.3596	-0.2071	0.2529	2.0988
0.10	0.55	2.15	1.3466	-0.2176	0.2441	1.6559
0.10	0.55	2.25	1.3399	-0.2039	0.2366	1.6893
0.10	0.55	2.35	1.3339	-0.2071	0.2290	1.5585
0.10	0.55	2.45	1.3315	-0.1941	0.2198	1.5680
0.10	0.55	2.55	1.3251	-0.1878	0.2148	1.5299
0.10	0.55	2.65	1.3222	-0.1837	0.2101	1.6246
0.10	0.55	2.75	1.3181	-0.1826	0.2068	1.3580
0.10	0.55	2.85	1.3113	-0.1867	0.2006	1.4298
0.10	0.55	2.95	1.3079	-0.1844	0.1931	1.4022
0.10	0.55	3.05	1.3039	-0.1809	0.1878	1.4090
0.10	0.55	3.25	1.3002	-0.1643	0.1769	1.3609
0.10	0.55	3.45	1.2931	-0.1642	0.1638	1.3469
0.10	0.55	3.65	1.2891	-0.1552	0.1554	1.3481
0.10	0.55	3.85	1.2829	-0.1538	0.1471	1.3292
0.10	0.55	4.05	1.2767	-0.1451	0.1368	1.2906
0.10	0.55	4.25	1.2721	-0.1425	0.1288	1.2881
0.10	0.55	4.45	1.2691	-0.1384	0.1219	1.2383
0.10	0.55	4.65	1.2640	-0.1346	0.1142	1.2227
0.10	0.55	4.85	1.2617	-0.1301	0.1082	1.2775
0.10	0.55	5.05	1.2600	-0.1295	0.1036	1.1698
0.10	0.55	5.35	1.2518	-0.1446	0.0959	1.1029
0.10	0.55	5.65	1.2486	-0.1344	0.0856	1.1817
0.10	0.55	5.95	1.2444	-0.1357	0.0792	1.1833
0.10	0.55	6.25	1.2398	-0.1292	0.0724	1.1776
0.10	0.55	6.55	1.2373	-0.1241	0.0684	1.2288
0.10	0.55	6.85	1.2338	-0.1195	0.0630	1.0616
0.10	0.55	7.15	1.2314	-0.1161	0.0584	1.1779

0.10	0.55	7.45	1.2274	-0.1119	0.0531	1.1211
0.20	0.55	0.05	-0.2606	0.2901	0.0060	14.5018
0.20	0.55	0.15	-0.2492	0.2819	0.0012	14.7589
0.20	0.55	0.25	-0.2246	0.2441	-0.0204	14.0081
0.20	0.55	0.35	-0.1422	0.2758	-0.0392	20.2077
0.20	0.55	0.45	-0.0662	0.2192	-0.0849	24.9280
0.20	0.55	0.55	0.0412	0.1101	-0.1295	29.0482
0.20	0.55	0.65	0.1665	-0.0544	-0.1948	31.8206
0.20	0.55	0.75	0.3384	-0.1615	-0.1965	31.8181
0.20	0.55	0.85	0.4864	-0.2225	-0.1931	29.7255
0.20	0.55	0.95	0.7189	-0.1633	-0.1804	31.1221
0.20	0.55	1.05	0.9257	-0.1591	-0.1404	28.5511
0.20	0.55	1.15	1.1796	-0.0867	-0.0667	21.4501
0.20	0.55	1.25	1.3093	-0.2824	-0.0045	16.7157
0.20	0.55	1.35	1.3924	-0.2725	0.0562	13.0687
0.20	0.55	1.45	1.4355	-0.2814	0.1003	8.0602
0.20	0.55	1.55	1.4449	-0.2896	0.1228	5.8492
0.20	0.55	1.65	1.4479	-0.2874	0.1482	5.1926
0.20	0.55	1.75	1.4415	-0.2788	0.1583	4.3375
0.20	0.55	1.85	1.4320	-0.2721	0.1508	3.7625
0.20	0.55	1.95	1.4212	-0.2755	0.1498	3.1764
0.20	0.55	2.05	1.4171	-0.2635	0.1476	2.7103
0.20	0.55	2.15	1.4096	-0.2618	0.1456	2.4622
0.20	0.55	2.25	1.3949	-0.2711	0.1380	2.1268
0.20	0.55	2.35	1.3944	-0.2576	0.1361	2.0382
0.20	0.55	2.45	1.3860	-0.2525	0.1342	2.0695
0.20	0.55	2.55	1.3818	-0.2462	0.1313	1.8881
0.20	0.55	2.65	1.3757	-0.2450	0.1214	1.7589
0.20	0.55	2.75	1.3706	-0.2405	0.1191	1.7300
0.20	0.55	2.85	1.3658	-0.2361	0.1153	1.6179
0.20	0.55	2.95	1.3598	-0.2313	0.1144	1.5665
0.20	0.55	3.05	1.3529	-0.2269	0.1150	1.6660
0.20	0.55	3.25	1.3428	-0.2243	0.1074	1.6007
0.20	0.55	3.45	1.3364	-0.2155	0.1005	1.5547
0.20	0.55	3.65	1.3257	-0.2058	0.0955	1.5875
0.20	0.55	3.85	1.3190	-0.2014	0.0905	1.5099
0.20	0.55	4.05	1.3140	-0.1954	0.0888	1.6436
0.20	0.55	4.25	1.3029	-0.1921	0.0828	1.5576
0.20	0.55	4.45	1.2982	-0.1819	0.0789	1.5590
0.20	0.55	4.65	1.2911	-0.1795	0.0733	1.5150
0.20	0.55	4.85	1.2840	-0.1816	0.0673	1.4015
0.20	0.55	5.05	1.2786	-0.1743	0.0652	1.4669
0.20	0.55	5.55	1.2691	-0.1583	0.0568	1.4335
0.20	0.55	6.05	1.2605	-0.1505	0.0476	1.2718
0.20	0.55	6.55	1.2517	-0.1397	0.0426	1.4142
0.20	0.55	7.05	1.2431	-0.1342	0.0374	1.3617
0.20	0.55	7.55	1.2358	-0.1283	0.0314	1.5214
0.20	0.55	8.05	1.2300	-0.1184	0.0265	1.3754
0.20	0.55	8.55	1.2256	-0.1100	0.0236	1.3066
0.20	0.55	9.05	1.2228	-0.1019	0.0201	1.2420
0.30	0.55	0.05	-0.2161	0.2835	-0.0072	16.1122

0.30	0.55	0.15	-0.1675	0.3573	-0.0493	18.8930
0.30	0.55	0.25	-0.1403	0.3232	-0.0720	17.9148
0.30	0.55	0.35	-0.0839	0.2800	-0.0928	21.1406
0.30	0.55	0.45	-0.0475	0.1835	-0.1156	23.1962
0.30	0.55	0.55	0.0105	0.1505	-0.1464	24.4383
0.30	0.55	0.65	0.0782	0.1001	-0.1637	28.2357
0.30	0.55	0.75	0.1771	0.0273	-0.1826	29.6312
0.30	0.55	0.85	0.2782	-0.0088	-0.2041	30.4863
0.30	0.55	0.95	0.4278	0.0024	-0.2270	33.0559
0.30	0.55	1.05	0.5470	-0.1116	-0.2291	32.5705
0.30	0.55	1.15	0.6953	-0.1468	-0.2212	31.8191
0.30	0.55	1.25	0.8213	-0.0879	-0.1969	31.2010
0.30	0.55	1.35	0.9137	-0.1459	-0.1794	28.7635
0.30	0.55	1.45	1.0314	-0.1843	-0.1321	29.7487
0.30	0.55	1.55	1.1983	-0.1505	-0.1004	22.5318
0.30	0.55	1.65	1.3312	-0.1621	-0.0639	12.1071
0.30	0.55	1.75	1.3742	-0.1965	-0.0404	8.2783
0.30	0.55	1.85	1.4000	-0.2396	-0.0096	7.8581
0.30	0.55	1.95	1.4086	-0.2660	0.0164	6.8926
0.30	0.55	2.05	1.4182	-0.2646	0.0290	6.0671
0.30	0.55	2.15	1.4166	-0.2997	0.0413	4.9777
0.30	0.55	2.25	1.4176	-0.2948	0.0498	4.4373
0.30	0.55	2.35	1.4103	-0.2810	0.0525	4.1299
0.30	0.55	2.45	1.4036	-0.2696	0.0502	3.5677
0.30	0.55	2.55	1.3946	-0.2814	0.0453	3.0804
0.30	0.55	2.65	1.3937	-0.2674	0.0442	2.8482
0.30	0.55	2.75	1.3834	-0.2702	0.0420	2.5793
0.30	0.55	2.85	1.3802	-0.2664	0.0399	2.3420
0.30	0.55	2.95	1.3782	-0.2581	0.0384	1.8799
0.30	0.55	3.05	1.3730	-0.2495	0.0384	2.0662
0.30	0.55	3.15	1.3655	-0.2503	0.0384	1.9390
0.30	0.55	3.25	1.3621	-0.2470	0.0369	1.8213
0.30	0.55	3.35	1.3552	-0.2474	0.0350	1.7977
0.30	0.55	3.45	1.3532	-0.2308	0.0335	1.7633
0.30	0.55	3.55	1.3505	-0.2293	0.0331	1.7755
0.30	0.55	3.75	1.3395	-0.2316	0.0302	1.5454
0.30	0.55	3.95	1.3305	-0.2239	0.0298	1.4481
0.30	0.55	4.15	1.3253	-0.2126	0.0276	1.4854
0.30	0.55	4.35	1.3170	-0.2068	0.0258	1.4037
0.30	0.55	4.55	1.3083	-0.2032	0.0254	1.3835
0.30	0.55	4.75	1.3022	-0.1975	0.0216	1.3481
0.30	0.55	4.95	1.2998	-0.1866	0.0203	1.2433
0.30	0.55	5.15	1.2925	-0.1882	0.0186	1.4135
0.30	0.55	5.35	1.2888	-0.1802	0.0165	1.3960
0.30	0.55	5.55	1.2848	-0.1685	0.0132	1.1921
0.30	0.55	6.05	1.2700	-0.1732	0.0148	1.2006
0.30	0.55	6.55	1.2597	-0.1634	0.0144	1.2539
0.30	0.55	7.05	1.2548	-0.1410	0.0127	1.2637
0.30	0.55	7.55	1.2454	-0.1335	0.0101	1.2488
0.30	0.55	8.05	1.2402	-0.1239	0.0085	1.2394
0.30	0.55	8.55	1.2335	-0.1178	0.0065	1.2171

0.30	0.55	9.05	1.2277	-0.1118	0.0068	1.2378
0.30	0.55	9.55	1.2222	-0.1106	0.0072	1.1691
0.30	0.55	10.05	1.2188	-0.1052	0.0079	1.2068
0.30	0.55	10.55	1.2150	-0.0964	0.0043	1.1086
0.30	0.55	11.05	1.2111	-0.1009	0.0065	1.1234
0.40	0.55	0.05	-0.1144	0.4250	-0.0155	16.5761
0.40	0.55	0.15	-0.0854	0.3989	-0.0347	20.4137
0.40	0.55	0.25	-0.0423	0.3971	-0.0703	21.9597
0.40	0.55	0.35	-0.0035	0.3735	-0.0941	21.0555
0.40	0.55	0.45	0.0288	0.3187	-0.1083	24.1767
0.40	0.55	0.55	0.0609	0.2740	-0.1369	24.9351
0.40	0.55	0.65	0.1135	0.2031	-0.1548	27.7285
0.40	0.55	0.75	0.1911	0.1830	-0.1841	26.1433
0.40	0.55	0.85	0.2824	0.1836	-0.2140	31.3101
0.40	0.55	0.95	0.4411	0.1786	-0.2545	27.9917
0.40	0.55	1.05	0.5366	0.1460	-0.2767	29.2582
0.40	0.55	1.15	0.6237	0.0395	-0.2795	28.4412
0.40	0.55	1.25	0.7236	0.0596	-0.2775	25.4009
0.40	0.55	1.35	0.7839	-0.0229	-0.2719	25.8195
0.40	0.55	1.45	0.8645	-0.0982	-0.2616	25.4634
0.40	0.55	1.55	0.9465	-0.0758	-0.2497	23.6955
0.40	0.55	1.65	1.0227	-0.1466	-0.2364	23.0952
0.40	0.55	1.75	1.1120	-0.2074	-0.2212	17.7971
0.40	0.55	1.85	1.2058	-0.1764	-0.1833	15.4563
0.40	0.55	1.95	1.2710	-0.1569	-0.1529	11.5326
0.40	0.55	2.05	1.3095	-0.2393	-0.1172	9.6847
0.40	0.55	2.15	1.3412	-0.2808	-0.0912	8.6897
0.40	0.55	2.25	1.3619	-0.2479	-0.0892	8.0363
0.40	0.55	2.35	1.3704	-0.2499	-0.0781	7.0963
0.40	0.55	2.45	1.3635	-0.2764	-0.0777	6.1303
0.40	0.55	2.55	1.3599	-0.2827	-0.0706	4.9928
0.40	0.55	2.65	1.3601	-0.2685	-0.0616	4.7375
0.40	0.55	2.75	1.3631	-0.2711	-0.0540	4.5710
0.40	0.55	2.85	1.3620	-0.2630	-0.0455	3.8348
0.40	0.55	2.95	1.3573	-0.2648	-0.0419	3.7291
0.40	0.55	3.05	1.3563	-0.2514	-0.0394	3.0350
0.40	0.55	3.15	1.3490	-0.2455	-0.0397	2.9682
0.40	0.55	3.25	1.3463	-0.2440	-0.0408	2.8728
0.40	0.55	3.35	1.3415	-0.2426	-0.0388	2.6451
0.40	0.55	3.45	1.3366	-0.2476	-0.0386	2.4087
0.40	0.55	3.55	1.3365	-0.2407	-0.0381	2.3456
0.40	0.55	3.75	1.3276	-0.2359	-0.0323	2.1394
0.40	0.55	3.95	1.3239	-0.2236	-0.0274	1.8470
0.40	0.55	4.15	1.3159	-0.2231	-0.0241	1.7994
0.40	0.55	4.35	1.3133	-0.2066	-0.0255	1.6222
0.40	0.55	4.55	1.3055	-0.2131	-0.0236	1.5574
0.40	0.55	4.75	1.3006	-0.1988	-0.0231	1.5134
0.40	0.55	4.95	1.2952	-0.1973	-0.0204	1.4179
0.40	0.55	5.15	1.2908	-0.1860	-0.0184	1.4347
0.40	0.55	5.35	1.2841	-0.1874	-0.0200	1.3435
0.40	0.55	5.55	1.2781	-0.1817	-0.0197	1.3042

0.40	0.55	6.05	1.2654	-0.1789	-0.0155	1.3572
0.40	0.55	6.55	1.2569	-0.1686	-0.0162	1.3145
0.40	0.55	7.05	1.2493	-0.1557	-0.0159	1.3065
0.40	0.55	7.55	1.2423	-0.1475	-0.0136	1.2232
0.40	0.55	8.05	1.2365	-0.1380	-0.0130	1.2450
0.40	0.55	8.55	1.2300	-0.1282	-0.0139	1.2018
0.40	0.55	9.05	1.2230	-0.1246	-0.0137	1.2874
0.40	0.55	9.55	1.2190	-0.1205	-0.0096	1.2364
0.40	0.55	10.05	1.2148	-0.1105	-0.0075	1.1898
0.40	0.55	10.55	1.2109	-0.1100	-0.0057	1.2540
0.40	0.55	11.05	1.2071	-0.1045	-0.0062	1.2197
0.50	0.55	0.05	-0.0213	0.3828	-0.0017	21.1355
0.50	0.55	0.15	0.0258	0.3920	-0.0114	22.0826
0.50	0.55	0.25	0.0397	0.3810	-0.0428	22.0236
0.50	0.55	0.35	0.0842	0.4028	-0.0803	20.8688
0.50	0.55	0.45	0.1147	0.3775	-0.1007	24.3855
0.50	0.55	0.55	0.1381	0.3379	-0.1182	24.8388
0.50	0.55	0.65	0.1769	0.3228	-0.1310	26.7937
0.50	0.55	0.75	0.2070	0.2789	-0.1458	25.4123
0.50	0.55	0.85	0.2698	0.2932	-0.1553	25.6511
0.50	0.55	0.95	0.3113	0.2840	-0.1701	26.9482
0.50	0.55	1.05	0.3692	0.2804	-0.1823	27.6482
0.50	0.55	1.15	0.4642	0.3362	-0.1906	25.6432
0.50	0.55	1.25	0.5165	0.3259	-0.2007	28.0260
0.50	0.55	1.35	0.5806	0.2796	-0.2177	27.5663
0.50	0.55	1.45	0.6818	0.2270	-0.2375	24.0311
0.50	0.55	1.55	0.7535	0.1500	-0.2467	24.6340
0.50	0.55	1.65	0.7903	0.0066	-0.2771	26.4072
0.50	0.55	1.75	0.8584	-0.1276	-0.2934	24.6283
0.50	0.55	1.85	0.9238	-0.2305	-0.3013	23.9829
0.50	0.55	1.95	1.0109	-0.2213	-0.2839	23.7532
0.50	0.55	2.05	1.0784	-0.2253	-0.2516	19.9694
0.50	0.55	2.15	1.1525	-0.1565	-0.2229	15.5502
0.50	0.55	2.25	1.2119	-0.1723	-0.2053	13.0062
0.50	0.55	2.35	1.2489	-0.2122	-0.1926	11.9136
0.50	0.55	2.45	1.2825	-0.2128	-0.1715	9.1961
0.50	0.55	2.55	1.3050	-0.2189	-0.1514	8.1842
0.50	0.55	2.65	1.3261	-0.2262	-0.1377	6.8752
0.50	0.55	2.75	1.3457	-0.2023	-0.1200	6.5639
0.50	0.55	2.85	1.3430	-0.2042	-0.1168	6.4895
0.50	0.55	2.95	1.3225	-0.2223	-0.1124	4.7919
0.50	0.55	3.05	1.3242	-0.2324	-0.1058	5.3080
0.50	0.55	3.15	1.3138	-0.2436	-0.1029	4.4624
0.50	0.55	3.25	1.3232	-0.2312	-0.1010	4.0637
0.50	0.55	3.35	1.3262	-0.2413	-0.0969	4.4629
0.50	0.55	3.45	1.3169	-0.2468	-0.0961	3.7087
0.50	0.55	3.55	1.3147	-0.2415	-0.0924	3.3988
0.50	0.55	3.75	1.3109	-0.2293	-0.0851	3.0168
0.50	0.55	3.95	1.3063	-0.2514	-0.0761	2.6616
0.50	0.55	4.15	1.3007	-0.2330	-0.0754	2.5041
0.50	0.55	4.35	1.2991	-0.2155	-0.0744	2.1110

0.50	0.55	4.55	1.2953	-0.2162	-0.0675	2.0500
0.50	0.55	4.75	1.2901	-0.1997	-0.0693	1.8650
0.50	0.55	4.95	1.2860	-0.2040	-0.0630	1.7558
0.50	0.55	5.15	1.2804	-0.1951	-0.0628	1.7019
0.50	0.55	5.35	1.2775	-0.1923	-0.0602	1.6167
0.50	0.55	5.55	1.2736	-0.1837	-0.0613	1.7113
0.50	0.55	6.05	1.2643	-0.1761	-0.0557	1.5325
0.50	0.55	6.55	1.2546	-0.1654	-0.0495	1.3968
0.50	0.55	7.05	1.2488	-0.1555	-0.0460	1.4727
0.50	0.55	7.55	1.2392	-0.1527	-0.0396	1.4926
0.50	0.55	8.05	1.2365	-0.1405	-0.0361	1.4321
0.50	0.55	8.55	1.2285	-0.1387	-0.0305	1.4578
0.50	0.55	9.05	1.2250	-0.1311	-0.0299	1.4292
0.50	0.55	9.55	1.2194	-0.1237	-0.0260	1.3691
0.50	0.55	10.05	1.2179	-0.1154	-0.0230	1.4943
0.50	0.55	10.55	1.2132	-0.1129	-0.0217	1.4656
0.50	0.55	11.05	1.2089	-0.1090	-0.0198	1.3826
0.50	0.55	11.55	1.2095	-0.0961	-0.0163	1.4120
0.60	0.55	0.05	0.1441	0.4895	-0.0438	22.1202
0.60	0.55	0.15	0.1513	0.4467	-0.0738	19.4535
0.60	0.55	0.25	0.1637	0.4160	-0.0933	17.2194
0.60	0.55	0.35	0.1776	0.3534	-0.1058	21.3294
0.60	0.55	0.45	0.2022	0.3467	-0.1215	21.4672
0.60	0.55	0.55	0.2131	0.3239	-0.1411	20.1835
0.60	0.55	0.65	0.2352	0.2797	-0.1615	21.8583
0.60	0.55	0.75	0.2428	0.1495	-0.1811	23.3802
0.60	0.55	0.85	0.2780	0.1199	-0.2028	24.0760
0.60	0.55	0.95	0.2972	0.0562	-0.2310	25.0319
0.60	0.55	1.05	0.3397	-0.0629	-0.2662	25.4486
0.60	0.55	1.15	0.3652	-0.1521	-0.2858	26.0187
0.60	0.55	1.25	0.4190	-0.2085	-0.3015	28.1010
0.60	0.55	1.35	0.4579	-0.2516	-0.3187	24.8044
0.60	0.55	1.45	0.5055	-0.2324	-0.3279	14.0376
0.60	0.55	1.55	0.5414	-0.3199	-0.3318	15.5901
0.60	0.55	1.65	0.5899	-0.3306	-0.3378	18.6339
0.60	0.55	1.75	0.6489	-0.3603	-0.3406	21.4400
0.60	0.55	1.85	0.7328	-0.3248	-0.3370	25.0390
0.60	0.55	1.95	0.8222	-0.2962	-0.3209	22.7382
0.60	0.55	2.05	0.8988	-0.2366	-0.3140	20.9914
0.60	0.55	2.15	0.9696	-0.1976	-0.3030	20.8775
0.60	0.55	2.25	1.0522	-0.1731	-0.2842	16.1376
0.60	0.55	2.35	1.0808	-0.1867	-0.2739	16.2183
0.60	0.55	2.45	1.1217	-0.2148	-0.2575	14.3825
0.60	0.55	2.55	1.1731	-0.2073	-0.2472	13.7254
0.60	0.55	2.65	1.1992	-0.2536	-0.2260	12.5537
0.60	0.55	2.75	1.2383	-0.2179	-0.2182	10.4011
0.60	0.55	2.85	1.2522	-0.2226	-0.2109	8.3745
0.60	0.55	2.95	1.2613	-0.2297	-0.2024	8.9748
0.60	0.55	3.05	1.2745	-0.2265	-0.1908	7.6696
0.60	0.55	3.15	1.2683	-0.2379	-0.1800	6.9480
0.60	0.55	3.25	1.2696	-0.2319	-0.1703	6.2702

0.60	0.55	3.35	1.2750	-0.2225	-0.1652	5.8019
0.60	0.55	3.45	1.2731	-0.2274	-0.1526	5.5752
0.60	0.55	3.55	1.2757	-0.2233	-0.1499	5.0087
0.60	0.55	3.75	1.2686	-0.2351	-0.1405	3.9293
0.60	0.55	3.95	1.2691	-0.2385	-0.1264	3.6599
0.60	0.55	4.15	1.2739	-0.2360	-0.1168	3.2716
0.60	0.55	4.35	1.2763	-0.2057	-0.1085	2.9352
0.60	0.55	4.55	1.2671	-0.2122	-0.1047	2.5174
0.60	0.55	4.75	1.2702	-0.2090	-0.1007	2.3228
0.60	0.55	4.95	1.2656	-0.1942	-0.0982	2.1082
0.60	0.55	5.15	1.2672	-0.1993	-0.0956	1.8907
0.60	0.55	5.35	1.2583	-0.1968	-0.0926	2.0103
0.60	0.55	5.55	1.2523	-0.2065	-0.0847	1.7734
0.60	0.55	6.05	1.2509	-0.1760	-0.0772	1.5121
0.60	0.55	6.55	1.2406	-0.1704	-0.0695	1.6588
0.60	0.55	7.05	1.2353	-0.1668	-0.0669	1.5382
0.60	0.55	7.55	1.2325	-0.1488	-0.0604	1.5483
0.60	0.55	8.05	1.2253	-0.1503	-0.0560	1.3994
0.60	0.55	8.55	1.2236	-0.1402	-0.0502	1.4308
0.60	0.55	9.05	1.2183	-0.1317	-0.0445	1.4129
0.60	0.55	9.55	1.2155	-0.1230	-0.0418	1.4099
0.60	0.55	10.05	1.2122	-0.1198	-0.0374	1.3325
0.60	0.55	10.55	1.2088	-0.1109	-0.0330	1.3048
0.60	0.55	11.05	1.2045	-0.1132	-0.0290	1.3232
0.60	0.55	11.55	1.2001	-0.1097	-0.0254	1.2382
0.70	0.55	0.05	0.2216	0.4236	-0.0507	19.7329
0.70	0.55	0.15	0.2295	0.3984	-0.0752	18.0927
0.70	0.55	0.25	0.2446	0.3839	-0.0861	18.5289
0.70	0.55	0.35	0.2557	0.3520	-0.0946	19.4577
0.70	0.55	0.45	0.2695	0.3389	-0.1057	17.8939
0.70	0.55	0.55	0.2850	0.3346	-0.1242	18.5826
0.70	0.55	0.65	0.3005	0.3075	-0.1381	20.1455
0.70	0.55	0.75	0.3249	0.3144	-0.1590	20.0453
0.70	0.55	0.85	0.3429	0.2910	-0.1748	21.2618
0.70	0.55	0.95	0.3645	0.2796	-0.1890	24.9531
0.70	0.55	1.05	0.4085	0.2731	-0.2021	22.3320
0.70	0.55	1.15	0.4280	0.2273	-0.2159	22.7280
0.70	0.55	1.25	0.4669	0.1695	-0.2289	23.1074
0.70	0.55	1.35	0.5068	0.1297	-0.2425	25.8053
0.70	0.55	1.45	0.5546	0.1338	-0.2587	25.7935
0.70	0.55	1.55	0.6088	0.1212	-0.2673	25.2982
0.70	0.55	1.65	0.6478	0.0850	-0.2765	23.4718
0.70	0.55	1.75	0.6723	0.0376	-0.2816	23.9899
0.70	0.55	1.85	0.7360	0.0509	-0.2886	23.5619
0.70	0.55	1.95	0.7722	0.0331	-0.2942	21.4725
0.70	0.55	2.05	0.8161	0.0027	-0.2995	21.3540
0.70	0.55	2.15	0.8782	-0.0429	-0.3019	21.4396
0.70	0.55	2.25	0.9045	-0.1681	-0.3052	20.5591
0.70	0.55	2.35	0.9480	-0.1760	-0.3030	19.2173
0.70	0.55	2.45	0.9973	-0.2179	-0.3013	16.9685
0.70	0.55	2.55	1.0528	-0.2114	-0.2971	16.0716

0.70	0.55	2.65	1.1230	-0.1345	-0.2848	11.9982
0.70	0.55	2.75	1.1444	-0.1776	-0.2752	10.5696
0.70	0.55	2.85	1.1617	-0.1446	-0.2660	12.4729
0.70	0.55	2.95	1.1735	-0.1842	-0.2544	11.4548
0.70	0.55	3.05	1.1825	-0.2193	-0.2499	9.5246
0.70	0.55	3.15	1.1989	-0.1766	-0.2406	7.7103
0.70	0.55	3.25	1.2046	-0.1942	-0.2380	7.1067
0.70	0.55	3.35	1.2152	-0.1890	-0.2291	7.2414
0.70	0.55	3.45	1.2257	-0.2049	-0.2164	6.7891
0.70	0.55	3.55	1.2346	-0.2032	-0.2019	6.0481
0.70	0.55	3.75	1.2441	-0.1830	-0.1930	5.3309
0.70	0.55	3.95	1.2410	-0.1999	-0.1816	4.8353
0.70	0.55	4.15	1.2410	-0.2138	-0.1615	4.0363
0.70	0.55	4.35	1.2452	-0.2082	-0.1472	3.7821
0.70	0.55	4.55	1.2408	-0.2082	-0.1415	2.9667
0.70	0.55	4.75	1.2469	-0.1819	-0.1375	2.7386
0.70	0.55	4.95	1.2457	-0.1771	-0.1278	2.7062
0.70	0.55	5.15	1.2409	-0.1858	-0.1195	2.5412
0.70	0.55	5.35	1.2426	-0.1700	-0.1151	2.2035
0.70	0.55	5.55	1.2380	-0.1755	-0.1110	2.1378
0.70	0.55	6.05	1.2344	-0.1610	-0.1070	1.5812
0.70	0.55	6.55	1.2269	-0.1633	-0.0941	1.6635
0.70	0.55	7.05	1.2270	-0.1523	-0.0837	1.5997
0.70	0.55	7.55	1.2168	-0.1454	-0.0794	1.6078
0.70	0.55	8.05	1.2164	-0.1409	-0.0694	1.4651
0.70	0.55	8.55	1.2155	-0.1281	-0.0647	1.3826
0.70	0.55	9.05	1.2099	-0.1294	-0.0582	1.3605
0.70	0.55	9.55	1.2097	-0.1178	-0.0551	1.4284
0.70	0.55	10.05	1.2075	-0.1119	-0.0473	1.3576
0.70	0.55	10.55	1.2057	-0.1064	-0.0445	1.3636
0.70	0.55	11.05	1.2016	-0.1060	-0.0446	1.3933
0.70	0.55	11.55	1.1999	-0.1011	-0.0392	1.3726
0.80	0.55	0.05	0.3544	0.5494	-0.0703	20.9538
0.80	0.55	0.15	0.3602	0.5405	-0.0758	20.4846
0.80	0.55	0.25	0.3658	0.4983	-0.0817	19.4644
0.80	0.55	0.35	0.3765	0.4530	-0.0986	21.8004
0.80	0.55	0.45	0.3865	0.4332	-0.1147	21.4407
0.80	0.55	0.55	0.3933	0.3753	-0.1490	17.2272
0.80	0.55	0.65	0.4060	0.3277	-0.1887	19.1330
0.80	0.55	0.75	0.4175	0.2907	-0.2102	17.0731
0.80	0.55	0.85	0.4322	0.2613	-0.2305	18.8403
0.80	0.55	0.95	0.4425	0.2601	-0.2419	17.8071
0.80	0.55	1.05	0.4512	0.2096	-0.2581	18.0437
0.80	0.55	1.15	0.4613	0.2058	-0.2685	15.5211
0.80	0.55	1.25	0.4694	0.1672	-0.2817	19.8444
0.80	0.55	1.35	0.4822	0.0949	-0.2949	21.2646
0.80	0.55	1.45	0.5070	0.1022	-0.3057	18.8090
0.80	0.55	1.55	0.5290	0.0507	-0.3130	23.1463
0.80	0.55	1.65	0.5568	0.0025	-0.3187	25.4342
0.80	0.55	1.75	0.5985	-0.0112	-0.3320	23.7435
0.80	0.55	1.85	0.6257	-0.0223	-0.3431	22.5380

0.80	0.55	1.95	0.6657	-0.0557	-0.3542	24.3054
0.80	0.55	2.05	0.7147	-0.0684	-0.3587	21.8474
0.80	0.55	2.15	0.7700	-0.0480	-0.3603	23.2201
0.80	0.55	2.25	0.8331	-0.0747	-0.3603	19.0192
0.80	0.55	2.35	0.8634	-0.1400	-0.3575	17.9198
0.80	0.55	2.45	0.8892	-0.1441	-0.3455	18.5664
0.80	0.55	2.55	0.9155	-0.1997	-0.3411	18.8708
0.80	0.55	2.65	0.9603	-0.2219	-0.3298	17.4346
0.80	0.55	2.75	0.9946	-0.2009	-0.3179	16.5242
0.80	0.55	2.85	1.0212	-0.2147	-0.3088	13.9714
0.80	0.55	2.95	1.0413	-0.2395	-0.2988	11.0191
0.80	0.55	3.05	1.0749	-0.2058	-0.2880	10.4949
0.80	0.55	3.15	1.0936	-0.2063	-0.2764	10.6583
0.80	0.55	3.25	1.1057	-0.2252	-0.2694	9.1744
0.80	0.55	3.35	1.1254	-0.2224	-0.2615	8.4316
0.80	0.55	3.45	1.1307	-0.2681	-0.2459	8.0880
0.80	0.55	3.55	1.1464	-0.2667	-0.2319	5.6585
0.80	0.55	3.75	1.1687	-0.2333	-0.2190	7.2909
0.80	0.55	3.95	1.1851	-0.2181	-0.2063	6.1382
0.80	0.55	4.15	1.1871	-0.2139	-0.1995	4.5817
0.80	0.55	4.35	1.1987	-0.2030	-0.1857	4.0130
0.80	0.55	4.55	1.2088	-0.1950	-0.1733	3.6260
0.80	0.55	4.75	1.2128	-0.1930	-0.1652	3.7022
0.80	0.55	4.95	1.2129	-0.1956	-0.1581	3.1855
0.80	0.55	5.15	1.2132	-0.1891	-0.1517	3.2073
0.80	0.55	5.35	1.2088	-0.1965	-0.1433	2.6209
0.80	0.55	5.55	1.2124	-0.1832	-0.1420	2.5433
0.80	0.55	6.05	1.2142	-0.1698	-0.1300	2.3093
0.80	0.55	6.55	1.2058	-0.1629	-0.1218	1.8664
0.80	0.55	7.05	1.2035	-0.1506	-0.1114	1.7736
0.80	0.55	7.55	1.2026	-0.1509	-0.1025	1.6209
0.80	0.55	8.05	1.2001	-0.1485	-0.0900	1.5300
0.80	0.55	8.55	1.1988	-0.1394	-0.0839	1.4405
0.80	0.55	9.05	1.1973	-0.1290	-0.0754	1.3480
0.80	0.55	9.55	1.1947	-0.1259	-0.0679	1.2922
0.80	0.55	10.05	1.1934	-0.1262	-0.0581	1.2784
0.80	0.55	10.55	1.1887	-0.1248	-0.0531	1.3963
0.80	0.55	11.05	1.1912	-0.1099	-0.0491	1.3319
0.80	0.55	11.55	1.1881	-0.1100	-0.0427	1.1796
0.90	0.55	0.05	0.3744	0.4194	-0.0924	19.5258
0.90	0.55	0.20	0.3876	0.3852	-0.1089	16.8460
0.90	0.55	0.35	0.4084	0.3626	-0.1193	15.5853
0.90	0.55	0.50	0.4282	0.3290	-0.1348	17.3382
0.90	0.55	0.65	0.4420	0.2976	-0.1501	17.5267
0.90	0.55	0.80	0.4546	0.2759	-0.1578	17.6091
0.90	0.55	0.95	0.4796	0.2805	-0.1661	16.5542
0.90	0.55	1.10	0.4993	0.2588	-0.1783	15.2167
0.90	0.55	1.25	0.5185	0.2416	-0.1927	17.2938
0.90	0.55	1.40	0.5360	0.2248	-0.2096	18.0313
0.90	0.55	1.55	0.5604	0.2058	-0.2303	20.9666
0.90	0.55	1.70	0.5964	0.1687	-0.2422	20.9787

0.90	0.55	1.85	0.6485	0.1590	-0.2553	19.4186
0.90	0.55	2.00	0.6938	0.1006	-0.2759	20.4485
0.90	0.55	2.15	0.7278	0.0453	-0.2891	19.9149
0.90	0.55	2.30	0.7683	-0.0091	-0.2958	19.7229
0.90	0.55	2.45	0.8130	-0.0086	-0.3115	19.8588
0.90	0.55	2.60	0.8495	-0.0607	-0.3178	19.0333
0.90	0.55	2.75	0.8937	-0.1413	-0.3239	18.8125
0.90	0.55	2.90	0.9402	-0.2072	-0.3257	17.4297
0.90	0.55	3.05	0.9763	-0.2051	-0.3149	16.0651
0.90	0.55	3.20	1.0246	-0.1710	-0.3044	14.2511
0.90	0.55	3.35	1.0649	-0.1483	-0.2880	11.5545
0.90	0.55	3.50	1.0974	-0.1624	-0.2745	10.8014
0.90	0.55	3.65	1.1149	-0.1837	-0.2624	9.2800
0.90	0.55	3.90	1.1362	-0.1854	-0.2365	9.2801
0.90	0.55	4.15	1.1605	-0.1558	-0.2230	6.7682
0.90	0.55	4.40	1.1694	-0.1734	-0.2025	4.3315
0.90	0.55	4.65	1.1722	-0.2084	-0.1855	4.4349
0.90	0.55	4.90	1.1757	-0.1933	-0.1756	4.4573
0.90	0.55	5.15	1.1804	-0.1963	-0.1694	2.9707
0.90	0.55	5.40	1.1818	-0.2076	-0.1536	3.2069
0.90	0.55	5.65	1.1845	-0.1940	-0.1467	2.1939
0.90	0.55	5.90	1.1857	-0.1841	-0.1417	2.3355
0.90	0.55	6.40	1.1877	-0.1607	-0.1305	2.0098
0.90	0.55	6.90	1.1876	-0.1479	-0.1218	1.4348
0.90	0.55	7.40	1.1874	-0.1479	-0.1095	1.6578
0.90	0.55	7.90	1.1872	-0.1451	-0.0983	1.6688
0.90	0.55	8.40	1.1850	-0.1373	-0.0908	1.3914
0.90	0.55	8.90	1.1840	-0.1282	-0.0836	1.4570
0.90	0.55	9.40	1.1831	-0.1231	-0.0776	1.5519
0.90	0.55	9.90	1.1827	-0.1228	-0.0723	1.4960
0.90	0.55	10.40	1.1806	-0.1234	-0.0660	1.4501
0.90	0.55	10.90	1.1812	-0.1197	-0.0591	1.4273
0.90	0.55	11.40	1.1798	-0.1104	-0.0545	1.3480
0.90	0.55	11.90	1.1800	-0.1093	-0.0467	1.2904
0.90	0.55	12.40	1.1774	-0.1093	-0.0420	1.4205
0.90	0.55	12.90	1.1780	-0.1023	-0.0367	1.3815
0.90	0.55	13.40	1.1771	-0.0942	-0.0346	1.3052
0.90	0.55	13.90	1.1771	-0.0895	-0.0335	1.3570
0.90	0.55	14.40	1.1773	-0.0917	-0.0321	1.3029
0.99	0.55	0.05	0.4005	0.4558	-0.0836	14.8322
0.99	0.55	0.20	0.4157	0.4110	-0.0975	17.0157
0.99	0.55	0.35	0.4261	0.3629	-0.1194	9.5165
0.99	0.55	0.50	0.4404	0.3498	-0.1330	10.5000
0.99	0.55	0.65	0.4481	0.3125	-0.1449	8.2769
0.99	0.55	0.80	0.4602	0.3064	-0.1603	9.6662
0.99	0.55	0.95	0.4735	0.3015	-0.1727	7.7146
0.99	0.55	1.10	0.4834	0.2910	-0.1866	8.3425
0.99	0.55	1.25	0.4989	0.2830	-0.2055	10.8625
0.99	0.55	1.40	0.5169	0.2720	-0.2195	14.9594
0.99	0.55	1.55	0.5274	0.2395	-0.2406	16.9374
0.99	0.55	1.70	0.5463	0.1937	-0.2532	13.4898

0.99	0.55	1.85	0.5637	0.1639	-0.2705	17.8304
0.99	0.55	2.00	0.5948	0.1189	-0.2817	17.8701
0.99	0.55	2.15	0.6101	0.0721	-0.2955	19.4889
0.99	0.55	2.30	0.6343	0.0030	-0.3132	20.4581
0.99	0.55	2.45	0.6641	-0.0405	-0.3227	20.8737
0.99	0.55	2.60	0.7209	-0.0641	-0.3252	21.2220
0.99	0.55	2.75	0.7663	-0.0853	-0.3268	22.1394
0.99	0.55	2.90	0.8204	-0.1396	-0.3255	20.8123
0.99	0.55	3.05	0.8595	-0.2002	-0.3204	20.1983
0.99	0.55	3.20	0.9162	-0.1947	-0.3146	18.6593
0.99	0.55	3.35	0.9446	-0.1845	-0.3071	16.2424
0.99	0.55	3.50	0.9757	-0.1970	-0.2903	17.1806
0.99	0.55	3.65	1.0116	-0.1854	-0.2747	13.2608
0.99	0.55	3.90	1.0858	-0.1325	-0.2559	10.0133
0.99	0.55	4.15	1.1245	-0.1208	-0.2369	8.7369
0.99	0.55	4.40	1.1341	-0.1152	-0.2286	7.8618
0.99	0.55	4.65	1.1382	-0.1434	-0.2076	6.0927
0.99	0.55	4.90	1.1499	-0.1670	-0.1849	4.8643
0.99	0.55	5.15	1.1578	-0.1469	-0.1813	3.8516
0.99	0.55	5.40	1.1641	-0.1520	-0.1717	2.6326
0.99	0.55	5.65	1.1631	-0.1635	-0.1638	3.5153
0.99	0.55	5.90	1.1748	-0.1299	-0.1608	3.4668
0.99	0.55	6.40	1.1718	-0.1395	-0.1435	2.8688
0.99	0.55	6.90	1.1754	-0.1198	-0.1337	1.6636
0.99	0.55	7.40	1.1733	-0.1211	-0.1195	2.0033
0.99	0.55	7.90	1.1732	-0.1184	-0.1108	1.8198
0.99	0.55	8.40	1.1752	-0.1213	-0.0993	1.5091
0.99	0.55	8.90	1.1729	-0.1175	-0.0943	1.2507
0.99	0.55	9.40	1.1719	-0.1140	-0.0847	1.4792
0.99	0.55	9.90	1.1751	-0.1037	-0.0771	0.9197
0.99	0.55	10.40	1.1757	-0.0961	-0.0744	1.0289
0.99	0.55	10.90	1.1719	-0.1047	-0.0668	1.4269
0.99	0.55	11.40	1.1724	-0.1002	-0.0586	1.4759
0.99	0.55	11.90	1.1707	-0.0972	-0.0526	1.4026
0.99	0.55	12.40	1.1708	-0.0914	-0.0468	1.4037
0.99	0.55	12.90	1.1702	-0.0888	-0.0414	1.4052
0.99	0.55	13.40	1.1704	-0.0828	-0.0369	1.3638
0.99	0.55	13.90	1.1721	-0.0771	-0.0333	1.3286
0.99	0.55	14.40	1.1718	-0.0795	-0.0323	1.2940
0.00	0.70	0.05	-0.1789	-0.2639	0.0214	6.6167
0.00	0.70	0.10	-0.1921	-0.1876	0.0135	8.5977
0.00	0.70	0.15	-0.2163	-0.1449	0.0146	8.6140
0.00	0.70	0.20	-0.2402	-0.1355	0.0087	8.9177
0.00	0.70	0.25	-0.2278	-0.0781	0.0077	9.6293
0.00	0.70	0.30	-0.1481	0.0610	0.0029	13.2713
0.00	0.70	0.35	0.1879	0.5404	0.0310	26.6738
0.00	0.70	0.40	0.6358	0.8762	0.0929	29.1363
0.00	0.70	0.45	1.2570	1.2553	0.3037	7.4398
0.00	0.70	0.50	1.2448	0.6551	0.5032	4.0094
0.00	0.70	0.55	1.2254	-0.0510	0.5939	3.0842
0.00	0.70	0.60	1.1752	-0.1928	0.6225	4.9314

0.00	0.70	0.65	1.1873	-0.1614	0.6309	5.2734
0.00	0.70	0.70	1.1987	0.0009	0.6472	4.2616
0.00	0.70	0.75	1.1980	0.0161	0.6152	3.8116
0.00	0.70	0.80	1.2001	0.0117	0.5898	3.6215
0.00	0.70	0.85	1.1964	-0.0045	0.5666	3.6017
0.00	0.70	0.90	1.1970	-0.0046	0.5470	3.3887
0.00	0.70	0.95	1.2014	-0.0010	0.5295	3.3829
0.00	0.70	1.00	1.2045	0.0031	0.5148	3.0856
0.00	0.70	1.05	1.2040	-0.0014	0.4995	3.0307
0.00	0.70	1.15	1.2052	-0.0143	0.4741	2.7954
0.00	0.70	1.25	1.2051	-0.0191	0.4543	2.6678
0.00	0.70	1.35	1.1962	-0.0379	0.4345	2.6811
0.00	0.70	1.45	1.1964	-0.0408	0.4160	2.5913
0.00	0.70	1.55	1.2001	-0.0366	0.4021	2.6223
0.00	0.70	1.65	1.2022	-0.0374	0.3822	2.5473
0.00	0.70	1.75	1.2060	-0.0365	0.3675	2.4925
0.00	0.70	1.85	1.2076	-0.0376	0.3575	2.4380
0.00	0.70	1.95	1.2079	-0.0431	0.3460	2.2842
0.00	0.70	2.05	1.2111	-0.0407	0.3331	2.5090
0.00	0.70	2.15	1.2139	-0.0383	0.3233	2.4138
0.00	0.70	2.25	1.2094	-0.0535	0.3140	2.0613
0.00	0.70	2.35	1.2076	-0.0594	0.3032	2.1406
0.00	0.70	2.45	1.2035	-0.0737	0.2937	2.1156
0.00	0.70	2.55	1.2081	-0.0618	0.2844	2.1561
0.00	0.70	2.65	1.2110	-0.0561	0.2763	2.4537
0.00	0.70	2.75	1.2099	-0.0670	0.2675	2.2205
0.00	0.70	2.85	1.2095	-0.0671	0.2597	1.9827
0.00	0.70	2.95	1.2061	-0.0769	0.2528	2.1570
0.00	0.70	3.05	1.2028	-0.0845	0.2432	1.7092
0.00	0.70	3.30	1.2043	-0.0848	0.2276	1.7920
0.00	0.70	3.55	1.2064	-0.0815	0.2129	2.1034
0.00	0.70	3.80	1.2045	-0.0867	0.1967	2.1450
0.00	0.70	4.05	1.2019	-0.0899	0.1805	1.8457
0.00	0.70	4.30	1.2008	-0.0956	0.1728	2.1328
0.00	0.70	4.55	1.2030	-0.0910	0.1590	2.3156
0.00	0.70	4.80	1.2014	-0.0899	0.1504	1.4649
0.00	0.70	5.05	1.2005	-0.0945	0.1420	1.7024
0.00	0.70	5.30	1.1980	-0.0973	0.1295	1.6803
0.00	0.70	5.55	1.1989	-0.0948	0.1229	1.5676
0.00	0.70	5.80	1.1969	-0.0923	0.1167	1.6048
0.00	0.70	6.05	1.1981	-0.0944	0.1094	1.9876
0.00	0.70	6.30	1.1970	-0.0906	0.1047	1.8687
0.00	0.70	6.55	1.1957	-0.0949	0.0974	1.6430
0.05	0.70	0.05	-0.1610	0.0325	0.0084	13.6078
0.05	0.70	0.10	-0.1969	0.0339	0.0064	13.9925
0.05	0.70	0.15	-0.2236	0.0560	0.0118	14.5580
0.05	0.70	0.20	-0.2353	0.0401	0.0110	14.4647
0.05	0.70	0.25	-0.2457	0.0233	0.0100	14.0182
0.05	0.70	0.30	-0.2432	0.0191	0.0096	14.7733
0.05	0.70	0.35	-0.2228	0.0088	0.0095	16.3965
0.05	0.70	0.40	-0.1997	0.0178	0.0137	15.9952

0.05	0.70	0.45	-0.1675	-0.0159	0.0155	16.8974
0.05	0.70	0.50	-0.0476	0.1101	0.0197	23.6752
0.05	0.70	0.55	0.1071	0.3234	0.0395	29.1520
0.05	0.70	0.60	0.2703	0.4396	0.0578	32.0544
0.05	0.70	0.65	0.5441	0.6695	0.1592	32.5645
0.05	0.70	0.70	0.8288	0.7058	0.2442	31.4495
0.05	0.70	0.75	1.2377	0.9021	0.3533	16.6189
0.05	0.70	0.80	1.3141	0.4734	0.3981	11.5491
0.05	0.70	0.85	1.3341	-0.1874	0.4114	9.0504
0.05	0.70	0.90	1.3393	-0.1649	0.4494	7.4549
0.05	0.70	0.95	1.3201	-0.2034	0.4661	5.9717
0.05	0.70	1.00	1.3087	-0.1836	0.4830	4.4652
0.05	0.70	1.05	1.2998	-0.1647	0.4765	4.4695
0.05	0.70	1.15	1.3052	-0.1388	0.4447	3.7257
0.05	0.70	1.25	1.2976	-0.1450	0.4193	3.1314
0.05	0.70	1.35	1.2896	-0.1615	0.4109	3.3154
0.05	0.70	1.45	1.2857	-0.1477	0.3950	3.0528
0.05	0.70	1.55	1.2840	-0.1166	0.3778	2.8397
0.05	0.70	1.65	1.2795	-0.1092	0.3669	2.8399
0.05	0.70	1.75	1.2759	-0.1138	0.3502	2.6370
0.05	0.70	1.85	1.2706	-0.1154	0.3429	2.4603
0.05	0.70	1.95	1.2678	-0.1164	0.3331	2.2310
0.05	0.70	2.05	1.2676	-0.1094	0.3207	2.2536
0.05	0.70	2.15	1.2607	-0.1194	0.3167	2.2056
0.05	0.70	2.25	1.2590	-0.1168	0.2976	2.5625
0.05	0.70	2.35	1.2572	-0.1173	0.2938	2.2959
0.05	0.70	2.45	1.2550	-0.1159	0.2823	2.2261
0.05	0.70	2.55	1.2541	-0.1158	0.2781	2.2157
0.05	0.70	2.65	1.2534	-0.1104	0.2670	2.2155
0.05	0.70	2.75	1.2513	-0.1154	0.2591	2.2740
0.05	0.70	2.85	1.2503	-0.1107	0.2542	2.0808
0.05	0.70	2.95	1.2481	-0.1097	0.2447	2.0459
0.05	0.70	3.05	1.2469	-0.1123	0.2443	2.0476
0.05	0.70	3.30	1.2444	-0.1015	0.2252	2.0525
0.05	0.70	3.55	1.2375	-0.1066	0.2129	1.9475
0.05	0.70	3.80	1.2319	-0.1162	0.1949	1.9263
0.05	0.70	4.05	1.2293	-0.1114	0.1785	1.6080
0.05	0.70	4.30	1.2265	-0.1118	0.1723	1.6539
0.05	0.70	4.55	1.2233	-0.1119	0.1573	1.4737
0.05	0.70	4.80	1.2210	-0.1168	0.1500	1.5424
0.05	0.70	5.05	1.2207	-0.1048	0.1375	1.9139
0.05	0.70	5.30	1.2168	-0.1149	0.1312	1.5245
0.05	0.70	5.55	1.2137	-0.1048	0.1232	1.8857
0.05	0.70	5.80	1.2130	-0.1048	0.1142	1.3091
0.05	0.70	6.05	1.2110	-0.1027	0.1043	1.7977
0.05	0.70	6.30	1.2106	-0.0989	0.0971	1.4084
0.05	0.70	6.55	1.2102	-0.0914	0.0916	1.8736
0.10	0.70	0.05	-0.3118	0.0321	-0.0131	11.5162
0.10	0.70	0.15	-0.3170	0.0604	-0.0140	14.7195
0.10	0.70	0.25	-0.3268	0.0487	-0.0156	11.3312
0.10	0.70	0.35	-0.2764	0.0804	-0.0134	15.9048

0.10	0.70	0.45	-0.2144	0.0907	-0.0147	18.5401
0.10	0.70	0.55	-0.0883	0.1535	-0.0146	26.3079
0.10	0.70	0.65	0.1317	0.2601	-0.0159	31.2872
0.10	0.70	0.75	0.4135	-0.0269	-0.0080	31.8623
0.10	0.70	0.85	0.7973	-0.1623	0.0165	45.3227
0.10	0.70	0.95	1.3310	0.0111	0.0718	12.1545
0.10	0.70	1.05	1.3869	-0.1670	0.1937	8.6864
0.10	0.70	1.15	1.3843	-0.2007	0.2737	6.0951
0.10	0.70	1.25	1.3640	-0.1753	0.3664	6.1041
0.10	0.70	1.35	1.3564	-0.1705	0.3561	5.1155
0.10	0.70	1.45	1.3466	-0.1704	0.3449	4.2410
0.10	0.70	1.55	1.3403	-0.1656	0.3435	3.7390
0.10	0.70	1.65	1.3346	-0.1638	0.3333	3.1708
0.10	0.70	1.75	1.3295	-0.1678	0.3189	3.0090
0.10	0.70	1.85	1.3225	-0.1535	0.3084	2.9498
0.10	0.70	1.95	1.3198	-0.1483	0.2991	2.6619
0.10	0.70	2.05	1.3076	-0.1545	0.2883	2.6426
0.10	0.70	2.15	1.3088	-0.1504	0.2824	2.5259
0.10	0.70	2.25	1.3024	-0.1504	0.2732	2.5859
0.10	0.70	2.35	1.2987	-0.1445	0.2623	2.3950
0.10	0.70	2.45	1.2978	-0.1421	0.2593	2.3668
0.10	0.70	2.55	1.2939	-0.1439	0.2491	2.3585
0.10	0.70	2.65	1.2870	-0.1449	0.2455	2.0690
0.10	0.70	2.75	1.2834	-0.1449	0.2345	2.0160
0.10	0.70	2.85	1.2790	-0.1469	0.2284	2.1351
0.10	0.70	2.95	1.2769	-0.1454	0.2187	2.0633
0.10	0.70	3.05	1.2710	-0.1441	0.2151	1.8126
0.10	0.70	3.25	1.2666	-0.1410	0.2054	1.7740
0.10	0.70	3.45	1.2638	-0.1359	0.1947	1.7933
0.10	0.70	3.65	1.2573	-0.1376	0.1859	1.9688
0.10	0.70	3.85	1.2536	-0.1288	0.1772	1.8470
0.10	0.70	4.05	1.2489	-0.1326	0.1640	1.8844
0.10	0.70	4.25	1.2445	-0.1381	0.1582	1.7133
0.10	0.70	4.45	1.2384	-0.1389	0.1492	1.4616
0.10	0.70	4.65	1.2383	-0.1271	0.1418	1.4042
0.10	0.70	4.85	1.2341	-0.1381	0.1358	1.6917
0.10	0.70	5.05	1.2308	-0.1356	0.1287	1.8773
0.10	0.70	5.35	1.2286	-0.1313	0.1191	1.4869
0.10	0.70	5.65	1.2247	-0.1302	0.1081	1.6641
0.10	0.70	5.95	1.2209	-0.1176	0.0994	1.4845
0.10	0.70	6.25	1.2159	-0.1259	0.0919	1.7698
0.10	0.70	6.55	1.2138	-0.1199	0.0839	1.4119
0.10	0.70	6.85	1.2116	-0.1164	0.0786	1.8161
0.10	0.70	7.15	1.2088	-0.1142	0.0737	1.6756
0.10	0.70	7.45	1.2059	-0.1095	0.0706	1.8026
0.20	0.70	0.05	-0.3801	0.1151	-0.0084	14.0215
0.20	0.70	0.15	-0.3763	0.1237	-0.0136	14.3591
0.20	0.70	0.25	-0.3317	0.1609	-0.0219	13.8095
0.20	0.70	0.35	-0.2951	0.2010	-0.0315	16.9806
0.20	0.70	0.45	-0.2483	0.1804	-0.0436	19.2938
0.20	0.70	0.55	-0.1795	0.2170	-0.0535	25.1868

0.20	0.70	0.65	-0.0545	0.2923	-0.0694	30.3311
0.20	0.70	0.75	0.0551	0.3392	-0.0733	36.6722
0.20	0.70	0.85	0.2056	0.3506	-0.0740	40.0913
0.20	0.70	0.95	0.4132	0.4919	-0.0774	41.6456
0.20	0.70	1.05	0.5964	0.6174	-0.0739	37.6633
0.20	0.70	1.15	0.7451	0.6903	-0.0675	33.1615
0.20	0.70	1.25	0.9512	0.9026	-0.0412	27.8032
0.20	0.70	1.35	1.0879	0.9095	0.0282	25.7783
0.20	0.70	1.45	1.2429	0.7733	0.1061	15.7483
0.20	0.70	1.55	1.3418	0.6352	0.1480	9.9260
0.20	0.70	1.65	1.3608	-0.1560	0.1865	8.8004
0.20	0.70	1.75	1.3628	-0.2550	0.1947	7.2346
0.20	0.70	1.85	1.3612	-0.2532	0.1937	6.6937
0.20	0.70	1.95	1.3593	-0.2443	0.1906	5.5413
0.20	0.70	2.05	1.3521	-0.2332	0.1882	5.0402
0.20	0.70	2.15	1.3538	-0.2192	0.1853	4.5423
0.20	0.70	2.25	1.3554	-0.2156	0.1826	3.9134
0.20	0.70	2.35	1.3482	-0.2215	0.1817	3.4724
0.20	0.70	2.45	1.3377	-0.2149	0.1790	3.4806
0.20	0.70	2.55	1.3376	-0.2044	0.1779	3.3171
0.20	0.70	2.65	1.3317	-0.1941	0.1751	3.1249
0.20	0.70	2.75	1.3238	-0.1994	0.1726	2.8873
0.20	0.70	2.85	1.3224	-0.1902	0.1684	2.6369
0.20	0.70	2.95	1.3207	-0.1874	0.1668	2.5252
0.20	0.70	3.05	1.3187	-0.1824	0.1633	2.4947
0.20	0.70	3.25	1.3093	-0.1824	0.1615	2.3493
0.20	0.70	3.45	1.3002	-0.1764	0.1560	2.2567
0.20	0.70	3.65	1.2910	-0.1833	0.1443	2.1828
0.20	0.70	3.85	1.2868	-0.1735	0.1410	1.9075
0.20	0.70	4.05	1.2798	-0.1731	0.1299	1.7689
0.20	0.70	4.25	1.2776	-0.1605	0.1283	1.7823
0.20	0.70	4.45	1.2704	-0.1577	0.1169	1.4891
0.20	0.70	4.65	1.2642	-0.1575	0.1095	1.6280
0.20	0.70	4.85	1.2633	-0.1464	0.1107	1.6470
0.20	0.70	5.05	1.2595	-0.1392	0.0986	1.7891
0.20	0.70	5.55	1.2456	-0.1452	0.0932	1.8713
0.20	0.70	6.05	1.2366	-0.1401	0.0854	1.6968
0.20	0.70	6.55	1.2317	-0.1264	0.0729	1.6086
0.20	0.70	7.05	1.2274	-0.1227	0.0624	1.8387
0.20	0.70	7.55	1.2221	-0.1129	0.0559	1.6558
0.20	0.70	8.05	1.2163	-0.1051	0.0498	1.5999
0.20	0.70	8.55	1.2122	-0.0976	0.0462	1.4605
0.20	0.70	9.05	1.2066	-0.0935	0.0356	1.5780
0.30	0.70	0.05	-0.3639	0.1471	0.0356	15.1803
0.30	0.70	0.15	-0.3432	0.1674	0.0174	16.2406
0.30	0.70	0.25	-0.3221	0.2008	-0.0060	16.7028
0.30	0.70	0.35	-0.3114	0.1640	-0.0193	17.2956
0.30	0.70	0.45	-0.2923	0.1727	-0.0311	16.6662
0.30	0.70	0.55	-0.2421	0.1643	-0.0436	20.8917
0.30	0.70	0.65	-0.1831	0.1589	-0.0512	23.1481
0.30	0.70	0.75	-0.1353	0.1719	-0.0624	25.6302

0.30	0.70	0.85	-0.0609	0.1675	-0.0738	30.0410
0.30	0.70	0.95	0.0625	0.3049	-0.0925	35.5438
0.30	0.70	1.05	0.1854	0.3326	-0.1091	40.3874
0.30	0.70	1.15	0.3185	0.1826	-0.1329	37.0224
0.30	0.70	1.25	0.4002	0.0586	-0.1407	43.4806
0.30	0.70	1.35	0.5496	-0.0490	-0.1416	41.7397
0.30	0.70	1.45	0.6958	-0.0237	-0.1380	36.9244
0.30	0.70	1.55	0.8405	-0.2837	-0.1311	28.8535
0.30	0.70	1.65	1.1016	-0.0938	-0.1180	25.7691
0.30	0.70	1.75	1.2089	-0.0744	-0.0908	17.5389
0.30	0.70	1.85	1.2295	-0.1389	-0.0621	14.9208
0.30	0.70	1.95	1.2445	-0.2115	0.0057	15.1348
0.30	0.70	2.05	1.2838	-0.2739	0.0494	13.5425
0.30	0.70	2.15	1.3149	-0.2654	0.0653	10.4672
0.30	0.70	2.25	1.3371	-0.2273	0.0830	8.7348
0.30	0.70	2.35	1.3320	-0.2384	0.0977	8.0295
0.30	0.70	2.45	1.3440	-0.2171	0.1035	7.0974
0.30	0.70	2.55	1.3361	-0.2247	0.1087	5.8204
0.30	0.70	2.65	1.3395	-0.2123	0.1092	6.2818
0.30	0.70	2.75	1.3324	-0.2237	0.1103	5.1057
0.30	0.70	2.85	1.3309	-0.2136	0.1094	4.3742
0.30	0.70	2.95	1.3270	-0.2102	0.1085	4.4343
0.30	0.70	3.05	1.3246	-0.2008	0.1060	3.9843
0.30	0.70	3.15	1.3207	-0.1997	0.1037	3.8203
0.30	0.70	3.25	1.3117	-0.2038	0.1007	4.2515
0.30	0.70	3.35	1.3111	-0.1953	0.0989	3.1911
0.30	0.70	3.45	1.3091	-0.1905	0.0967	3.2187
0.30	0.70	3.55	1.3042	-0.1864	0.0952	3.0292
0.30	0.70	3.75	1.2972	-0.1870	0.0904	2.9137
0.30	0.70	3.95	1.2934	-0.1888	0.0859	2.9227
0.30	0.70	4.15	1.2883	-0.1828	0.0810	2.5163
0.30	0.70	4.35	1.2823	-0.1767	0.0777	2.5290
0.30	0.70	4.55	1.2783	-0.1728	0.0762	2.4268
0.30	0.70	4.75	1.2700	-0.1775	0.0736	2.6964
0.30	0.70	4.95	1.2682	-0.1636	0.0666	2.4607
0.30	0.70	5.15	1.2610	-0.1705	0.0618	2.4837
0.30	0.70	5.35	1.2576	-0.1671	0.0569	2.5697
0.30	0.70	5.55	1.2540	-0.1562	0.0533	2.4752
0.30	0.70	6.05	1.2437	-0.1520	0.0511	2.4116
0.30	0.70	6.55	1.2363	-0.1377	0.0452	2.1129
0.30	0.70	7.05	1.2274	-0.1416	0.0414	2.2589
0.30	0.70	7.55	1.2194	-0.1375	0.0381	1.9179
0.30	0.70	8.05	1.2145	-0.1487	0.0351	1.7198
0.30	0.70	8.55	1.2086	-0.1238	0.0302	2.2623
0.30	0.70	9.05	1.2054	-0.1249	0.0252	1.9969
0.30	0.70	9.55	1.2023	-0.1178	0.0199	2.0011
0.30	0.70	10.05	1.1985	-0.1023	0.0158	1.9298
0.30	0.70	10.55	1.1946	-0.1089	0.0160	1.8708
0.30	0.70	11.05	1.1921	-0.0949	0.0153	2.4293
0.40	0.70	0.05	-0.3243	0.1229	0.0110	14.5117
0.40	0.70	0.15	-0.3210	0.1321	-0.0048	13.9285

0.40	0.70	0.25	-0.2891	0.1460	-0.0153	17.4439
0.40	0.70	0.35	-0.2472	0.1737	-0.0326	18.5496
0.40	0.70	0.45	-0.2192	0.2132	-0.0440	20.7763
0.40	0.70	0.55	-0.1931	0.1918	-0.0625	22.8591
0.40	0.70	0.65	-0.1735	0.1669	-0.0772	24.5782
0.40	0.70	0.75	-0.1318	0.1537	-0.0935	25.3654
0.40	0.70	0.85	-0.0742	0.1724	-0.1062	28.7767
0.40	0.70	0.95	0.0203	0.2283	-0.1193	32.6594
0.40	0.70	1.05	0.0949	0.2945	-0.1439	34.8792
0.40	0.70	1.15	0.1499	0.2971	-0.1663	35.1951
0.40	0.70	1.25	0.2516	0.3700	-0.1761	38.3862
0.40	0.70	1.35	0.3553	0.4075	-0.1817	40.5065
0.40	0.70	1.45	0.4330	0.3895	-0.1858	38.8766
0.40	0.70	1.55	0.5366	0.2884	-0.1889	34.8659
0.40	0.70	1.65	0.6535	-0.1083	-0.1902	41.2999
0.40	0.70	1.75	0.7584	-0.2626	-0.1867	42.3676
0.40	0.70	1.85	0.8900	-0.3973	-0.1807	20.8104
0.40	0.70	1.95	1.0167	-0.2948	-0.1611	25.3841
0.40	0.70	2.05	1.0821	-0.2528	-0.1411	24.4369
0.40	0.70	2.15	1.1699	-0.1977	-0.1040	19.8083
0.40	0.70	2.25	1.2106	-0.1536	-0.0722	18.0860
0.40	0.70	2.35	1.2748	-0.1253	-0.0411	13.8396
0.40	0.70	2.45	1.3000	-0.1399	-0.0207	12.9488
0.40	0.70	2.55	1.3055	-0.1559	-0.0035	12.2669
0.40	0.70	2.65	1.3045	-0.1628	-0.0021	8.0578
0.40	0.70	2.75	1.3093	-0.1842	0.0025	8.3908
0.40	0.70	2.85	1.3128	-0.1952	0.0053	7.6200
0.40	0.70	2.95	1.3161	-0.2079	0.0100	7.0791
0.40	0.70	3.05	1.3148	-0.2106	0.0140	6.8748
0.40	0.70	3.15	1.3142	-0.2207	0.0212	6.2491
0.40	0.70	3.25	1.3143	-0.2142	0.0273	5.2759
0.40	0.70	3.35	1.3084	-0.2154	0.0317	5.2400
0.40	0.70	3.45	1.3067	-0.2206	0.0327	4.5510
0.40	0.70	3.55	1.3064	-0.2267	0.0335	4.3786
0.40	0.70	3.75	1.2981	-0.2170	0.0373	4.0972
0.40	0.70	3.95	1.2958	-0.2131	0.0387	3.4098
0.40	0.70	4.15	1.2913	-0.2085	0.0408	3.2504
0.40	0.70	4.35	1.2890	-0.2025	0.0397	2.6758
0.40	0.70	4.55	1.2791	-0.2057	0.0392	2.8753
0.40	0.70	4.75	1.2761	-0.1915	0.0380	2.5187
0.40	0.70	4.95	1.2735	-0.1906	0.0353	2.1105
0.40	0.70	5.15	1.2665	-0.1831	0.0327	2.3685
0.40	0.70	5.35	1.2608	-0.1857	0.0306	2.3615
0.40	0.70	5.55	1.2584	-0.1814	0.0286	2.1117
0.40	0.70	6.05	1.2491	-0.1653	0.0266	2.1160
0.40	0.70	6.55	1.2394	-0.1658	0.0240	2.0371
0.40	0.70	7.05	1.2320	-0.1675	0.0227	1.9372
0.40	0.70	7.55	1.2259	-0.1430	0.0206	1.9635
0.40	0.70	8.05	1.2197	-0.1408	0.0166	1.8046
0.40	0.70	8.55	1.2151	-0.1305	0.0155	1.8560
0.40	0.70	9.05	1.2104	-0.1261	0.0146	1.7396

0.40	0.70	9.55	1.2065	-0.1116	0.0132	1.8091
0.40	0.70	10.05	1.2002	-0.1109	0.0091	1.6257
0.40	0.70	10.55	1.1986	-0.1000	0.0073	1.7173
0.40	0.70	11.05	1.1961	-0.0761	0.0033	1.8281
0.50	0.70	0.05	-0.2443	0.1657	-0.0638	16.7067
0.50	0.70	0.15	-0.2470	0.1843	-0.0675	16.8884
0.50	0.70	0.25	-0.2228	0.1976	-0.0781	17.0260
0.50	0.70	0.35	-0.2047	0.2055	-0.0872	18.0914
0.50	0.70	0.45	-0.1718	0.1994	-0.0978	20.2258
0.50	0.70	0.55	-0.1538	0.1751	-0.1099	21.2869
0.50	0.70	0.65	-0.1383	0.1690	-0.1196	21.0999
0.50	0.70	0.75	-0.0913	0.2274	-0.1274	23.7584
0.50	0.70	0.85	-0.0710	0.1891	-0.1315	25.5357
0.50	0.70	0.95	-0.0280	0.1906	-0.1398	26.4166
0.50	0.70	1.05	0.0062	0.1590	-0.1543	27.5871
0.50	0.70	1.15	0.0510	0.1979	-0.1686	31.7439
0.50	0.70	1.25	0.1111	0.1717	-0.1861	32.8526
0.50	0.70	1.35	0.1862	0.1857	-0.2020	32.8632
0.50	0.70	1.45	0.2683	0.2556	-0.2108	36.8358
0.50	0.70	1.55	0.3476	0.2139	-0.2156	32.5086
0.50	0.70	1.65	0.4185	0.1810	-0.2098	29.9514
0.50	0.70	1.75	0.4892	0.0071	-0.2078	35.1258
0.50	0.70	1.85	0.6253	0.0574	-0.1963	35.6804
0.50	0.70	1.95	0.7050	-0.0946	-0.1900	36.2892
0.50	0.70	2.05	0.7773	-0.2371	-0.1818	37.8417
0.50	0.70	2.15	0.8696	-0.3663	-0.1755	38.3883
0.50	0.70	2.25	1.0219	-0.1861	-0.1681	22.3410
0.50	0.70	2.35	1.0686	-0.1903	-0.1592	19.8101
0.50	0.70	2.45	1.1091	-0.1440	-0.1493	18.6461
0.50	0.70	2.55	1.1422	-0.1646	-0.1277	16.9146
0.50	0.70	2.65	1.1720	-0.1789	-0.1183	15.4165
0.50	0.70	2.75	1.2090	-0.1520	-0.1052	13.5297
0.50	0.70	2.85	1.2370	-0.1654	-0.0930	12.0166
0.50	0.70	2.95	1.2431	-0.1800	-0.0773	11.4109
0.50	0.70	3.05	1.2580	-0.1842	-0.0549	12.3996
0.50	0.70	3.15	1.2698	-0.1875	-0.0378	10.8755
0.50	0.70	3.25	1.2777	-0.2028	-0.0345	9.0537
0.50	0.70	3.35	1.2787	-0.2228	-0.0233	11.6195
0.50	0.70	3.45	1.2770	-0.2484	-0.0155	9.0676
0.50	0.70	3.55	1.2813	-0.2430	-0.0150	6.4698
0.50	0.70	3.75	1.2871	-0.2224	-0.0108	5.7734
0.50	0.70	3.95	1.2839	-0.2132	-0.0084	5.6328
0.50	0.70	4.15	1.2877	-0.1950	-0.0003	4.4486
0.50	0.70	4.35	1.2734	-0.2086	0.0045	4.0550
0.50	0.70	4.55	1.2712	-0.2027	0.0133	3.6276
0.50	0.70	4.75	1.2686	-0.2072	0.0133	3.4263
0.50	0.70	4.95	1.2666	-0.1986	0.0129	3.0622
0.50	0.70	5.15	1.2607	-0.1863	0.0128	2.7826
0.50	0.70	5.35	1.2515	-0.1901	0.0112	2.7702
0.50	0.70	5.55	1.2520	-0.1829	0.0102	2.3361
0.50	0.70	6.05	1.2400	-0.1826	0.0076	2.1997

0.50	0.70	6.55	1.2333	-0.1665	0.0049	2.0462
0.50	0.70	7.05	1.2299	-0.1605	0.0031	1.8326
0.50	0.70	7.55	1.2221	-0.1622	0.0010	1.9701
0.50	0.70	8.05	1.2169	-0.1426	-0.0030	1.7353
0.50	0.70	8.55	1.2117	-0.1396	-0.0036	1.6630
0.50	0.70	9.05	1.2074	-0.1382	-0.0038	1.8066
0.50	0.70	9.55	1.2053	-0.1256	-0.0045	1.5859
0.50	0.70	10.05	1.1992	-0.0955	-0.0043	1.8889
0.50	0.70	10.55	1.1978	-0.1142	-0.0056	1.7262
0.50	0.70	11.05	1.1946	-0.0996	-0.0064	1.7177
0.50	0.70	11.55	1.1922	-0.0889	-0.0063	1.5346
0.60	0.70	0.05	-0.1803	0.2522	0.0074	17.4655
0.60	0.70	0.15	-0.1665	0.1997	-0.0050	17.5758
0.60	0.70	0.25	-0.1399	0.1944	-0.0104	19.4377
0.60	0.70	0.35	-0.1201	0.1784	-0.0228	22.0152
0.60	0.70	0.45	-0.1039	0.1785	-0.0300	22.0168
0.60	0.70	0.55	-0.0700	0.1981	-0.0351	22.0944
0.60	0.70	0.65	-0.0580	0.1648	-0.0469	23.3202
0.60	0.70	0.75	-0.0417	0.1830	-0.0576	24.3525
0.60	0.70	0.85	-0.0117	0.1766	-0.0621	25.7311
0.60	0.70	0.95	0.0210	0.1787	-0.0746	26.8423
0.60	0.70	1.05	0.0473	0.1644	-0.0858	26.8507
0.60	0.70	1.15	0.0549	0.1128	-0.0994	26.7677
0.60	0.70	1.25	0.0907	0.1140	-0.1083	28.6058
0.60	0.70	1.35	0.1302	0.1343	-0.1193	29.8214
0.60	0.70	1.45	0.1594	0.0782	-0.1332	32.4117
0.60	0.70	1.55	0.2012	0.0990	-0.1510	32.7930
0.60	0.70	1.65	0.2673	0.1436	-0.1646	35.2263
0.60	0.70	1.75	0.3725	0.2586	-0.1773	33.7176
0.60	0.70	1.85	0.4772	0.3332	-0.2011	34.2018
0.60	0.70	1.95	0.5558	0.3277	-0.2263	36.6845
0.60	0.70	2.05	0.6173	0.2527	-0.2570	35.2423
0.60	0.70	2.15	0.7057	0.2816	-0.2649	35.3153
0.60	0.70	2.25	0.7586	0.1785	-0.2643	35.0679
0.60	0.70	2.35	0.8416	0.1693	-0.2539	34.0650
0.60	0.70	2.45	0.9145	0.1569	-0.2394	30.7038
0.60	0.70	2.55	0.9829	0.1134	-0.2320	19.2213
0.60	0.70	2.65	1.0246	0.0228	-0.2128	16.4475
0.60	0.70	2.75	1.0521	-0.1047	-0.2019	17.0592
0.60	0.70	2.85	1.1020	-0.0779	-0.1812	16.2055
0.60	0.70	2.95	1.1190	-0.1073	-0.1629	14.5231
0.60	0.70	3.05	1.1357	-0.1313	-0.1523	14.0250
0.60	0.70	3.15	1.1649	-0.1082	-0.1363	12.9355
0.60	0.70	3.25	1.1713	-0.1225	-0.1257	11.5723
0.60	0.70	3.35	1.1966	-0.1205	-0.1176	11.4326
0.60	0.70	3.45	1.2089	-0.1384	-0.1091	11.2255
0.60	0.70	3.55	1.2208	-0.1610	-0.0997	8.0792
0.60	0.70	3.75	1.2377	-0.1793	-0.0857	7.6931
0.60	0.70	3.95	1.2544	-0.1662	-0.0717	6.5107
0.60	0.70	4.15	1.2537	-0.1749	-0.0589	6.0499
0.60	0.70	4.35	1.2583	-0.1736	-0.0343	5.7613

0.60	0.70	4.55	1.2591	-0.1880	-0.0261	5.3464
0.60	0.70	4.75	1.2606	-0.1949	-0.0243	4.9002
0.60	0.70	4.95	1.2494	-0.2034	-0.0221	4.1669
0.60	0.70	5.15	1.2477	-0.1871	-0.0195	3.8091
0.60	0.70	5.35	1.2418	-0.1833	-0.0170	3.6090
0.60	0.70	5.55	1.2319	-0.1895	-0.0167	3.2484
0.60	0.70	6.05	1.2322	-0.1687	-0.0165	2.8215
0.60	0.70	6.55	1.2234	-0.1716	-0.0172	2.4570
0.60	0.70	7.05	1.2210	-0.1611	-0.0184	2.0437
0.60	0.70	7.55	1.2140	-0.1555	-0.0177	2.0649
0.60	0.70	8.05	1.2092	-0.1485	-0.0177	1.8550
0.60	0.70	8.55	1.2027	-0.1467	-0.0174	1.8819
0.60	0.70	9.05	1.2006	-0.1353	-0.0169	1.8268
0.60	0.70	9.55	1.1974	-0.1323	-0.0165	1.8743
0.60	0.70	10.05	1.1931	-0.1230	-0.0157	1.8914
0.60	0.70	10.55	1.1906	-0.1203	-0.0157	1.7066
0.60	0.70	11.05	1.1877	-0.1095	-0.0146	1.8207
0.60	0.70	11.55	1.1854	-0.1023	-0.0139	1.7665
0.70	0.70	0.05	-0.0846	0.2941	-0.0518	17.4998
0.70	0.70	0.15	-0.0841	0.2855	-0.0784	19.6357
0.70	0.70	0.25	-0.0540	0.3113	-0.0879	18.5032
0.70	0.70	0.35	-0.0299	0.3121	-0.1002	20.8525
0.70	0.70	0.45	-0.0252	0.2667	-0.1089	20.0041
0.70	0.70	0.55	0.0017	0.2668	-0.1158	20.3753
0.70	0.70	0.65	0.0177	0.2561	-0.1250	20.9871
0.70	0.70	0.75	0.0180	0.2160	-0.1358	23.0856
0.70	0.70	0.85	0.0315	0.2026	-0.1418	23.8547
0.70	0.70	0.95	0.0441	0.2010	-0.1522	23.8602
0.70	0.70	1.05	0.0732	0.1902	-0.1599	24.6232
0.70	0.70	1.15	0.0970	0.1588	-0.1700	26.9120
0.70	0.70	1.25	0.1243	0.1031	-0.1776	26.4175
0.70	0.70	1.35	0.1494	0.0880	-0.1866	27.1144
0.70	0.70	1.45	0.1789	0.0260	-0.1911	29.4463
0.70	0.70	1.55	0.2412	0.0703	-0.1938	29.2340
0.70	0.70	1.65	0.2639	-0.0564	-0.2036	27.9461
0.70	0.70	1.75	0.2938	-0.1604	-0.2056	27.4855
0.70	0.70	1.85	0.3358	-0.1609	-0.2085	31.3341
0.70	0.70	1.95	0.3839	-0.1917	-0.2183	33.0332
0.70	0.70	2.05	0.4390	-0.1779	-0.2191	30.0002
0.70	0.70	2.15	0.5260	-0.0957	-0.2236	35.6837
0.70	0.70	2.25	0.6223	-0.0008	-0.2265	33.6243
0.70	0.70	2.35	0.7173	0.0490	-0.2319	34.1101
0.70	0.70	2.45	0.8023	0.0446	-0.2313	28.4630
0.70	0.70	2.55	0.9000	-0.0113	-0.2258	15.1513
0.70	0.70	2.65	0.9384	-0.1022	-0.2244	17.3499
0.70	0.70	2.75	0.9477	-0.1473	-0.2207	16.0377
0.70	0.70	2.85	0.9665	-0.1802	-0.2179	16.8862
0.70	0.70	2.95	0.9790	-0.2453	-0.2140	14.6695
0.70	0.70	3.05	0.9929	-0.2538	-0.2039	18.2998
0.70	0.70	3.15	1.0077	-0.2686	-0.1952	15.3912
0.70	0.70	3.25	1.0388	-0.2515	-0.1896	13.6523

0.70	0.70	3.35	1.0674	-0.2017	-0.1843	12.5826
0.70	0.70	3.45	1.0792	-0.2365	-0.1687	11.9455
0.70	0.70	3.55	1.0944	-0.2081	-0.1586	11.5794
0.70	0.70	3.75	1.1185	-0.1926	-0.1480	12.1158
0.70	0.70	3.95	1.1566	-0.1982	-0.1394	10.9601
0.70	0.70	4.15	1.1804	-0.1826	-0.1170	10.3096
0.70	0.70	4.35	1.2021	-0.1651	-0.1043	8.5803
0.70	0.70	4.55	1.2079	-0.1710	-0.0927	7.6419
0.70	0.70	4.75	1.2079	-0.1779	-0.0826	6.0885
0.70	0.70	4.95	1.2138	-0.1802	-0.0705	4.9028
0.70	0.70	5.15	1.2215	-0.1943	-0.0463	4.6999
0.70	0.70	5.35	1.2254	-0.1741	-0.0422	4.2581
0.70	0.70	5.55	1.2238	-0.1770	-0.0421	4.1156
0.70	0.70	6.05	1.2205	-0.1820	-0.0419	3.3890
0.70	0.70	6.55	1.2169	-0.1617	-0.0342	2.8244
0.70	0.70	7.05	1.2096	-0.1519	-0.0349	2.5621
0.70	0.70	7.55	1.2031	-0.1569	-0.0321	2.0659
0.70	0.70	8.05	1.1982	-0.1459	-0.0278	2.0449
0.70	0.70	8.55	1.1961	-0.1458	-0.0299	1.8497
0.70	0.70	9.05	1.1954	-0.1339	-0.0292	1.7205
0.70	0.70	9.55	1.1891	-0.1323	-0.0308	1.6043
0.70	0.70	10.05	1.1884	-0.1180	-0.0302	1.5874
0.70	0.70	10.55	1.1861	-0.1177	-0.0298	1.6678
0.70	0.70	11.05	1.1843	-0.1118	-0.0289	1.7251
0.70	0.70	11.55	1.1826	-0.1058	-0.0273	2.0358
0.80	0.70	0.05	0.0161	0.3464	-0.0420	21.7676
0.80	0.70	0.15	0.0455	0.3562	-0.0472	19.0540
0.80	0.70	0.25	0.0519	0.3283	-0.0572	18.6581
0.80	0.70	0.35	0.0639	0.3344	-0.0686	20.0453
0.80	0.70	0.45	0.0628	0.2799	-0.0756	21.2960
0.80	0.70	0.55	0.0790	0.2384	-0.0837	19.4055
0.80	0.70	0.65	0.0904	0.2156	-0.0963	22.5629
0.80	0.70	0.75	0.1050	0.2227	-0.1014	23.3564
0.80	0.70	0.85	0.1291	0.2336	-0.1065	24.6881
0.80	0.70	0.95	0.1394	0.1938	-0.1125	21.5898
0.80	0.70	1.05	0.1524	0.2071	-0.1234	20.8618
0.80	0.70	1.15	0.1583	0.1603	-0.1304	21.3299
0.80	0.70	1.25	0.1691	0.1175	-0.1335	21.7611
0.80	0.70	1.35	0.1760	0.1016	-0.1386	22.2773
0.80	0.70	1.45	0.1978	0.0526	-0.1394	21.5867
0.80	0.70	1.55	0.2052	0.0301	-0.1448	24.5395
0.80	0.70	1.65	0.2171	0.0088	-0.1502	25.5725
0.80	0.70	1.75	0.2532	-0.0502	-0.1556	25.3975
0.80	0.70	1.85	0.2758	-0.0667	-0.1610	24.9516
0.80	0.70	1.95	0.3172	-0.1140	-0.1677	24.6157
0.80	0.70	2.05	0.3509	-0.0994	-0.1710	23.9203
0.80	0.70	2.15	0.4066	-0.0377	-0.1728	22.0688
0.80	0.70	2.25	0.4503	-0.0360	-0.1749	23.2786
0.80	0.70	2.35	0.5215	0.0431	-0.1790	21.0938
0.80	0.70	2.45	0.6345	0.1967	-0.1857	19.6383
0.80	0.70	2.55	0.7111	0.2874	-0.1883	18.0073

0.80	0.70	2.65	0.8076	0.3243	-0.1961	16.9817
0.80	0.70	2.75	0.8688	0.3267	-0.1986	16.7830
0.80	0.70	2.85	0.8993	0.2463	-0.2001	15.0420
0.80	0.70	2.95	0.9243	0.1460	-0.2040	14.1913
0.80	0.70	3.05	0.9450	-0.0294	-0.2074	13.7545
0.80	0.70	3.15	0.9594	-0.1154	-0.2081	12.2804
0.80	0.70	3.25	0.9751	-0.1626	-0.2109	12.8698
0.80	0.70	3.35	0.9892	-0.1625	-0.2118	12.2021
0.80	0.70	3.45	1.0020	-0.1483	-0.2114	12.4165
0.80	0.70	3.55	1.0186	-0.1587	-0.2099	12.0388
0.80	0.70	3.75	1.0574	-0.1330	-0.2082	10.7012
0.80	0.70	3.95	1.0710	-0.1838	-0.2058	11.0748
0.80	0.70	4.15	1.1074	-0.1352	-0.2007	9.9350
0.80	0.70	4.35	1.1339	-0.1343	-0.1815	9.0241
0.80	0.70	4.55	1.1515	-0.1185	-0.1485	8.8798
0.80	0.70	4.75	1.1690	-0.1307	-0.1215	7.9189
0.80	0.70	4.95	1.1772	-0.1508	-0.1152	7.5056
0.80	0.70	5.15	1.1713	-0.1828	-0.1157	6.0320
0.80	0.70	5.35	1.1841	-0.1630	-0.1154	6.0194
0.80	0.70	5.55	1.1862	-0.1827	-0.1134	5.4113
0.80	0.70	6.05	1.2008	-0.1707	-0.1096	5.0437
0.80	0.70	6.55	1.2004	-0.1575	-0.1087	4.1336
0.80	0.70	7.05	1.1833	-0.1813	-0.1063	3.0339
0.80	0.70	7.55	1.1834	-0.1746	-0.1000	2.6208
0.80	0.70	8.05	1.1804	-0.1546	-0.0973	2.3772
0.80	0.70	8.55	1.1731	-0.1727	-0.0947	2.1487
0.80	0.70	9.05	1.1738	-0.1618	-0.0935	2.1337
0.80	0.70	9.55	1.1724	-0.1545	-0.0886	1.9807
0.80	0.70	10.05	1.1703	-0.1460	-0.0838	1.8177
0.80	0.70	10.55	1.1694	-0.1353	-0.0784	1.8544
0.80	0.70	11.05	1.1676	-0.1371	-0.0776	1.9267
0.80	0.70	11.55	1.1676	-0.1213	-0.0740	1.7225
0.90	0.70	0.05	0.1122	0.3358	-0.0870	19.8190
0.90	0.70	0.20	0.1286	0.3444	-0.1013	19.5213
0.90	0.70	0.35	0.1538	0.3778	-0.1067	17.0521
0.90	0.70	0.50	0.1846	0.3891	-0.1102	18.8004
0.90	0.70	0.65	0.2023	0.3550	-0.1172	18.8377
0.90	0.70	0.80	0.2239	0.3457	-0.1208	19.9738
0.90	0.70	0.95	0.2406	0.2967	-0.1286	18.7785
0.90	0.70	1.10	0.2580	0.2461	-0.1325	20.0380
0.90	0.70	1.25	0.2775	0.2285	-0.1390	18.3554
0.90	0.70	1.40	0.3014	0.2409	-0.1456	19.1959
0.90	0.70	1.55	0.3174	0.2278	-0.1523	18.7233
0.90	0.70	1.70	0.3477	0.2354	-0.1567	17.9638
0.90	0.70	1.85	0.3840	0.2600	-0.1641	17.8831
0.90	0.70	2.00	0.4408	0.2967	-0.1740	19.8135
0.90	0.70	2.15	0.5239	0.3493	-0.1821	17.3716
0.90	0.70	2.30	0.6155	0.4642	-0.1883	26.9203
0.90	0.70	2.45	0.7267	0.6023	-0.2010	19.1740
0.90	0.70	2.60	0.7921	0.6509	-0.2146	17.0251
0.90	0.70	2.75	0.8410	0.7051	-0.2246	16.6401

0.90	0.70	2.90	0.8529	0.6200	-0.2372	16.1857
0.90	0.70	3.05	0.8901	0.5965	-0.2434	15.3044
0.90	0.70	3.20	0.9249	0.4801	-0.2433	13.5171
0.90	0.70	3.35	0.9403	0.2793	-0.2402	13.6460
0.90	0.70	3.50	0.9558	0.1902	-0.2367	13.2197
0.90	0.70	3.65	0.9750	0.1093	-0.2349	13.7831
0.90	0.70	3.90	0.9999	-0.0090	-0.2237	12.7488
0.90	0.70	4.15	1.0408	-0.1282	-0.2085	11.4960
0.90	0.70	4.40	1.0764	-0.1211	-0.1912	9.4165
0.90	0.70	4.65	1.0969	-0.1555	-0.1780	9.4553
0.90	0.70	4.90	1.1176	-0.1485	-0.1505	9.8424
0.90	0.70	5.15	1.1449	-0.1275	-0.1412	7.7469
0.90	0.70	5.40	1.1411	-0.1510	-0.1191	6.9940
0.90	0.70	5.65	1.1572	-0.1622	-0.0993	6.2154
0.90	0.70	5.90	1.1676	-0.1636	-0.0916	6.6549
0.90	0.70	6.40	1.1801	-0.1352	-0.0892	7.3361
0.90	0.70	6.90	1.1793	-0.1257	-0.0789	4.7432
0.90	0.70	7.40	1.1707	-0.1409	-0.0678	3.7404
0.90	0.70	7.90	1.1740	-0.1368	-0.0662	3.1075
0.90	0.70	8.40	1.1724	-0.1427	-0.0581	3.0175
0.90	0.70	8.90	1.1711	-0.1354	-0.0564	2.3599
0.90	0.70	9.40	1.1678	-0.1360	-0.0561	2.6485
0.90	0.70	9.90	1.1681	-0.1319	-0.0548	2.3297
0.90	0.70	10.40	1.1628	-0.1304	-0.0516	2.5444
0.90	0.70	10.90	1.1666	-0.1233	-0.0501	2.2002
0.90	0.70	11.40	1.1653	-0.1152	-0.0452	2.3144
0.90	0.70	11.90	1.1608	-0.1200	-0.0417	2.3896
0.90	0.70	12.40	1.1590	-0.1222	-0.0345	2.2015
0.90	0.70	12.90	1.1603	-0.1138	-0.0324	2.1147
0.90	0.70	13.40	1.1601	-0.1091	-0.0313	2.0490
0.90	0.70	13.90	1.1592	-0.1079	-0.0280	2.0213
0.90	0.70	14.40	1.1592	-0.1085	-0.0264	1.9608
0.99	0.70	0.05	0.2259	0.4800	-0.1186	17.2340
0.99	0.70	0.20	0.2322	0.4728	-0.1263	15.6998
0.99	0.70	0.35	0.2488	0.4759	-0.1332	19.4838
0.99	0.70	0.50	0.2580	0.4730	-0.1354	17.0466
0.99	0.70	0.65	0.2587	0.4498	-0.1423	16.3880
0.99	0.70	0.80	0.2769	0.4530	-0.1439	17.8358
0.99	0.70	0.95	0.2883	0.4158	-0.1504	17.0235
0.99	0.70	1.10	0.2910	0.3393	-0.1574	16.3208
0.99	0.70	1.25	0.3043	0.3286	-0.1686	18.1633
0.99	0.70	1.40	0.3119	0.2732	-0.1761	18.4787
0.99	0.70	1.55	0.3390	0.2488	-0.1854	19.1953
0.99	0.70	1.70	0.3607	0.2422	-0.1959	18.3606
0.99	0.70	1.85	0.3816	0.1880	-0.2008	16.6323
0.99	0.70	2.00	0.4164	0.1849	-0.2064	14.6407
0.99	0.70	2.15	0.4508	0.1838	-0.2138	19.5952
0.99	0.70	2.30	0.4831	0.1758	-0.2243	28.3924
0.99	0.70	2.45	0.4995	0.1401	-0.2323	27.1570
0.99	0.70	2.60	0.5484	0.1635	-0.2419	27.1772
0.99	0.70	2.75	0.6018	0.2070	-0.2459	26.9164

0.99	0.70	2.90	0.6534	0.2689	-0.2505	23.2576
0.99	0.70	3.05	0.7154	0.2974	-0.2630	25.2606
0.99	0.70	3.20	0.7726	0.2834	-0.2709	16.5593
0.99	0.70	3.35	0.8153	0.3121	-0.2724	17.8157
0.99	0.70	3.50	0.8844	0.3805	-0.2710	17.2675
0.99	0.70	3.65	0.9088	0.2825	-0.2668	13.4865
0.99	0.70	3.90	0.9529	0.2820	-0.2556	13.5925
0.99	0.70	4.15	0.9884	0.1699	-0.2412	10.7662
0.99	0.70	4.40	1.0152	0.0468	-0.2226	11.5590
0.99	0.70	4.65	1.0447	0.0539	-0.2090	11.0480
0.99	0.70	4.90	1.0631	-0.0278	-0.1958	10.2585
0.99	0.70	5.15	1.0876	-0.1463	-0.1852	9.8549
0.99	0.70	5.40	1.1085	-0.1359	-0.1670	8.8832
0.99	0.70	5.65	1.1342	-0.1274	-0.1532	9.3707
0.99	0.70	5.90	1.1353	-0.1484	-0.1404	6.1417
0.99	0.70	6.40	1.1511	-0.1760	-0.0934	6.9502
0.99	0.70	6.90	1.1498	-0.1892	-0.0884	7.0848
0.99	0.70	7.40	1.1501	-0.1796	-0.0790	5.3674
0.99	0.70	7.90	1.1536	-0.1661	-0.0751	3.1146
0.99	0.70	8.40	1.1544	-0.1588	-0.0663	2.8944
0.99	0.70	8.90	1.1518	-0.1621	-0.0653	2.3724
0.99	0.70	9.40	1.1598	-0.1442	-0.0620	2.6265
0.99	0.70	9.90	1.1523	-0.1514	-0.0613	2.0563
0.99	0.70	10.40	1.1582	-0.1388	-0.0575	1.8696
0.99	0.70	10.90	1.1577	-0.1324	-0.0493	2.1149
0.99	0.70	11.40	1.1547	-0.1256	-0.0435	1.8126
0.99	0.70	11.90	1.1543	-0.1232	-0.0417	1.7223
0.99	0.70	12.40	1.1545	-0.1248	-0.0369	1.7394
0.99	0.70	12.90	1.1541	-0.1192	-0.0312	2.0052
0.99	0.70	13.40	1.1549	-0.1183	-0.0285	1.7403
0.99	0.70	13.90	1.1544	-0.1126	-0.0250	1.7280
0.99	0.70	14.40	1.1544	-0.0967	-0.0227	1.6779
0.00	0.85	0.05	-0.0569	-0.0630	-0.0068	12.4992
0.00	0.85	0.10	-0.0869	-0.0577	-0.0209	13.6637
0.00	0.85	0.15	-0.1217	-0.0540	-0.0347	13.2322
0.00	0.85	0.20	-0.1596	-0.0438	-0.0504	14.2656
0.00	0.85	0.25	-0.1876	-0.0393	-0.0577	13.8332
0.00	0.85	0.30	-0.1580	0.0937	-0.0474	14.0425
0.00	0.85	0.35	-0.0156	0.2776	-0.0316	20.6210
0.00	0.85	0.40	0.3008	0.5178	-0.0087	29.0627
0.00	0.85	0.45	0.7106	0.6375	0.0330	29.2668
0.00	0.85	0.50	1.1756	0.8299	0.1696	12.8888
0.00	0.85	0.55	1.2358	-0.0566	0.4143	4.6556
0.00	0.85	0.60	1.2080	-0.1045	0.4892	6.4653
0.00	0.85	0.65	1.1627	-0.1388	0.5385	3.5384
0.00	0.85	0.70	1.1620	-0.0842	0.5834	3.7585
0.00	0.85	0.75	1.1914	-0.0340	0.5524	4.6843
0.00	0.85	0.80	1.1952	-0.0322	0.5311	4.3412
0.00	0.85	0.85	1.1935	-0.0332	0.5085	4.1811
0.00	0.85	0.90	1.1960	-0.0303	0.4952	3.9172
0.00	0.85	0.95	1.1958	-0.0308	0.4768	3.8507

0.00	0.85	1.00	1.1952	-0.0324	0.4668	3.6130
0.00	0.85	1.05	1.1963	-0.0300	0.4517	3.7181
0.00	0.85	1.15	1.1864	-0.0461	0.4314	3.2517
0.00	0.85	1.25	1.1883	-0.0387	0.4064	3.1406
0.00	0.85	1.35	1.1927	-0.0313	0.3881	3.0191
0.00	0.85	1.45	1.1921	-0.0357	0.3740	2.9160
0.00	0.85	1.55	1.1979	-0.0291	0.3544	2.8952
0.00	0.85	1.65	1.1968	-0.0309	0.3454	2.8683
0.00	0.85	1.75	1.1945	-0.0403	0.3302	2.6629
0.00	0.85	1.85	1.1964	-0.0383	0.3166	2.5211
0.00	0.85	1.95	1.1984	-0.0387	0.3080	2.2257
0.00	0.85	2.05	1.1951	-0.0462	0.2980	2.2051
0.00	0.85	2.15	1.1958	-0.0447	0.2926	2.2946
0.00	0.85	2.25	1.1964	-0.0462	0.2815	2.1017
0.00	0.85	2.35	1.1952	-0.0505	0.2704	2.0994
0.00	0.85	2.45	1.1936	-0.0601	0.2547	2.0827
0.00	0.85	2.55	1.1908	-0.0653	0.2488	2.0461
0.00	0.85	2.65	1.1922	-0.0622	0.2507	2.0280
0.00	0.85	2.75	1.1946	-0.0604	0.2391	1.8948
0.00	0.85	2.85	1.1932	-0.0635	0.2319	1.8992
0.00	0.85	2.95	1.1969	-0.0607	0.2243	1.8363
0.00	0.85	3.05	1.1954	-0.0633	0.2192	1.8384
0.00	0.85	3.30	1.1974	-0.0637	0.2081	1.7536
0.00	0.85	3.55	1.1943	-0.0688	0.1951	1.7467
0.00	0.85	3.80	1.1928	-0.0680	0.1791	1.5910
0.00	0.85	4.05	1.1913	-0.0734	0.1707	1.5504
0.00	0.85	4.30	1.1902	-0.0808	0.1626	1.5167
0.00	0.85	4.55	1.1906	-0.0761	0.1568	1.5724
0.00	0.85	4.80	1.1902	-0.0748	0.1417	1.4716
0.00	0.85	5.05	1.1897	-0.0797	0.1385	1.5690
0.00	0.85	5.30	1.1880	-0.0843	0.1301	1.4082
0.00	0.85	5.55	1.1884	-0.0772	0.1249	1.4813
0.00	0.85	5.80	1.1865	-0.0798	0.1129	1.3847
0.00	0.85	6.05	1.1879	-0.0755	0.1071	1.4201
0.00	0.85	6.30	1.1860	-0.0789	0.1072	1.4472
0.00	0.85	6.55	1.1841	-0.0795	0.1021	1.4280
0.05	0.85	0.05	-0.1629	0.1455	-0.0008	16.1131
0.05	0.85	0.10	-0.2118	0.1248	-0.0224	17.4861
0.05	0.85	0.15	-0.2451	0.1113	-0.0302	16.0940
0.05	0.85	0.20	-0.2511	0.1354	-0.0360	15.7299
0.05	0.85	0.25	-0.2382	0.1495	-0.0447	17.1291
0.05	0.85	0.30	-0.2263	0.1482	-0.0524	17.5693
0.05	0.85	0.35	-0.1980	0.1364	-0.0581	19.4046
0.05	0.85	0.40	-0.1666	0.0983	-0.0618	19.9940
0.05	0.85	0.45	-0.0899	0.1422	-0.0572	23.2671
0.05	0.85	0.50	0.0424	0.1947	-0.0340	28.5211
0.05	0.85	0.55	0.2056	0.2020	-0.0023	34.2622
0.05	0.85	0.60	0.4172	0.2861	0.0454	33.1442
0.05	0.85	0.65	0.6656	0.3324	0.0944	31.7962
0.05	0.85	0.70	1.0721	0.4913	0.1783	37.3703
0.05	0.85	0.75	1.2557	0.2574	0.3307	17.5128

0.05	0.85	0.80	1.3167	-0.1047	0.3667	9.9139
0.05	0.85	0.85	1.3115	-0.0998	0.3840	8.8226
0.05	0.85	0.90	1.3189	-0.0814	0.3947	6.2356
0.05	0.85	0.95	1.3084	-0.0533	0.4101	4.8439
0.05	0.85	1.00	1.2933	-0.0464	0.4090	5.0884
0.05	0.85	1.05	1.2977	-0.0482	0.4057	4.9976
0.05	0.85	1.15	1.2909	-0.0515	0.3910	4.3577
0.05	0.85	1.25	1.2835	-0.0496	0.3703	3.9582
0.05	0.85	1.35	1.2846	-0.0451	0.3551	3.5709
0.05	0.85	1.45	1.2796	-0.0430	0.3415	3.4026
0.05	0.85	1.55	1.2726	-0.0462	0.3322	3.3254
0.05	0.85	1.65	1.2724	-0.0456	0.3225	3.1266
0.05	0.85	1.75	1.2635	-0.0533	0.3068	3.0146
0.05	0.85	1.85	1.2613	-0.0525	0.2995	2.9297
0.05	0.85	1.95	1.2618	-0.0399	0.2883	2.8762
0.05	0.85	2.05	1.2563	-0.0490	0.2854	2.8474
0.05	0.85	2.15	1.2524	-0.0533	0.2691	2.6559
0.05	0.85	2.25	1.2518	-0.0431	0.2597	2.9580
0.05	0.85	2.35	1.2442	-0.0538	0.2476	2.6861
0.05	0.85	2.45	1.2460	-0.0494	0.2444	2.6916
0.05	0.85	2.55	1.2427	-0.0495	0.2350	2.6993
0.05	0.85	2.65	1.2403	-0.0544	0.2243	2.5071
0.05	0.85	2.75	1.2386	-0.0547	0.2214	2.3171
0.05	0.85	2.85	1.2355	-0.0577	0.2165	2.2595
0.05	0.85	2.95	1.2310	-0.0634	0.2092	2.3095
0.05	0.85	3.05	1.2302	-0.0630	0.2006	2.4724
0.05	0.85	3.30	1.2240	-0.0709	0.1872	2.3583
0.05	0.85	3.55	1.2218	-0.0653	0.1786	2.0549
0.05	0.85	3.80	1.2177	-0.0725	0.1682	1.9925
0.05	0.85	4.05	1.2148	-0.0647	0.1572	1.8752
0.05	0.85	4.30	1.2145	-0.0671	0.1477	2.3038
0.05	0.85	4.55	1.2121	-0.0709	0.1400	2.0663
0.05	0.85	4.80	1.2054	-0.0737	0.1331	2.0795
0.05	0.85	5.05	1.2031	-0.0765	0.1256	1.6015
0.05	0.85	5.30	1.2006	-0.0766	0.1188	1.9079
0.05	0.85	5.55	1.1997	-0.0755	0.1160	1.7343
0.05	0.85	5.80	1.1987	-0.0733	0.1084	1.8294
0.05	0.85	6.05	1.1969	-0.0744	0.1006	2.1988
0.05	0.85	6.30	1.1919	-0.0749	0.0955	1.9486
0.05	0.85	6.55	1.1938	-0.0667	0.0932	1.7176
0.10	0.85	0.05	-0.3065	0.1000	-0.0225	19.5465
0.10	0.85	0.15	-0.3216	0.1222	-0.0406	18.1545
0.10	0.85	0.25	-0.2984	0.1447	-0.0614	19.8943
0.10	0.85	0.35	-0.2642	0.1506	-0.0756	21.2799
0.10	0.85	0.45	-0.1127	0.3126	-0.0822	32.5583
0.10	0.85	0.55	0.0806	0.3934	-0.0782	37.7782
0.10	0.85	0.65	0.3463	0.4180	-0.0651	41.2456
0.10	0.85	0.75	0.6520	0.1731	0.0142	37.7969
0.10	0.85	0.85	0.9952	-0.5313	0.1131	30.5387
0.10	0.85	0.95	1.3163	-0.1693	0.2375	11.7642
0.10	0.85	1.05	1.3438	-0.1428	0.2772	7.7309

0.10	0.85	1.15	1.3332	-0.1190	0.2976	6.3215
0.10	0.85	1.25	1.3253	-0.1295	0.3017	5.0696
0.10	0.85	1.35	1.3181	-0.1294	0.2975	4.6632
0.10	0.85	1.45	1.3153	-0.1234	0.2875	3.9107
0.10	0.85	1.55	1.3076	-0.1217	0.2817	3.6883
0.10	0.85	1.65	1.3011	-0.1243	0.2722	3.4431
0.10	0.85	1.75	1.2963	-0.1207	0.2638	3.0758
0.10	0.85	1.85	1.2990	-0.1031	0.2555	3.0635
0.10	0.85	1.95	1.2982	-0.0974	0.2506	2.9678
0.10	0.85	2.05	1.2943	-0.0923	0.2444	2.7499
0.10	0.85	2.15	1.2912	-0.0823	0.2411	2.7213
0.10	0.85	2.25	1.2848	-0.0919	0.2331	2.7248
0.10	0.85	2.35	1.2820	-0.0852	0.2274	2.5455
0.10	0.85	2.45	1.2786	-0.0900	0.2207	2.5056
0.10	0.85	2.55	1.2749	-0.0871	0.2161	2.5023
0.10	0.85	2.65	1.2705	-0.0881	0.2109	2.2495
0.10	0.85	2.75	1.2657	-0.0942	0.2034	2.2015
0.10	0.85	2.85	1.2607	-0.0987	0.1993	2.1199
0.10	0.85	2.95	1.2598	-0.0960	0.1913	2.1463
0.10	0.85	3.05	1.2571	-0.0987	0.1861	2.0972
0.10	0.85	3.25	1.2520	-0.0959	0.1769	1.9771
0.10	0.85	3.45	1.2456	-0.0967	0.1703	1.9101
0.10	0.85	3.65	1.2387	-0.1057	0.1641	1.7825
0.10	0.85	3.85	1.2360	-0.0953	0.1554	1.6231
0.10	0.85	4.05	1.2328	-0.0933	0.1493	1.6028
0.10	0.85	4.25	1.2289	-0.0852	0.1418	1.4950
0.10	0.85	4.45	1.2253	-0.0893	0.1337	1.5701
0.10	0.85	4.65	1.2233	-0.0893	0.1304	1.5683
0.10	0.85	4.85	1.2184	-0.0914	0.1252	1.7266
0.10	0.85	5.05	1.2180	-0.0861	0.1187	1.4753
0.10	0.85	5.35	1.2116	-0.0941	0.1106	1.0713
0.10	0.85	5.65	1.2109	-0.0814	0.1069	1.4204
0.10	0.85	5.95	1.2068	-0.0882	0.0988	1.5952
0.10	0.85	6.25	1.2071	-0.0743	0.0938	1.4476
0.10	0.85	6.55	1.2033	-0.0798	0.0860	1.2622
0.10	0.85	6.85	1.1983	-0.0786	0.0821	1.3657
0.10	0.85	7.15	1.1986	-0.0685	0.0739	1.4049
0.10	0.85	7.45	1.1978	-0.0706	0.0699	1.2871
0.20	0.85	0.05	-0.3726	0.1155	0.0187	16.9574
0.20	0.85	0.15	-0.3810	0.1374	-0.0068	17.7078
0.20	0.85	0.25	-0.3695	0.1381	-0.0323	17.3668
0.20	0.85	0.35	-0.3125	0.2056	-0.0628	21.4302
0.20	0.85	0.45	-0.2393	0.2364	-0.0948	26.5966
0.20	0.85	0.55	-0.1671	0.2399	-0.1075	31.7134
0.20	0.85	0.65	-0.0685	0.2129	-0.1122	34.7399
0.20	0.85	0.75	0.0390	0.1781	-0.1059	38.1889
0.20	0.85	0.85	0.1834	0.0292	-0.0953	37.0286
0.20	0.85	0.95	0.3373	-0.0987	-0.0801	35.4566
0.20	0.85	1.05	0.5217	-0.2381	-0.0573	40.1815
0.20	0.85	1.15	0.7363	-0.7028	-0.0246	48.9369
0.20	0.85	1.25	1.2119	-0.1188	0.0088	19.8359

0.20	0.85	1.35	1.2823	-0.0827	0.0365	12.5507
0.20	0.85	1.45	1.3266	-0.0599	0.0606	8.7358
0.20	0.85	1.55	1.3372	-0.1027	0.0937	7.0113
0.20	0.85	1.65	1.3472	-0.1184	0.1238	5.8462
0.20	0.85	1.75	1.3426	-0.1376	0.1606	5.3354
0.20	0.85	1.85	1.3413	-0.1203	0.1704	4.4207
0.20	0.85	1.95	1.3360	-0.1228	0.1704	4.6287
0.20	0.85	2.05	1.3273	-0.1359	0.1692	3.5058
0.20	0.85	2.15	1.3244	-0.1192	0.1656	3.4455
0.20	0.85	2.25	1.3172	-0.1379	0.1625	3.4090
0.20	0.85	2.35	1.3086	-0.1424	0.1579	3.5082
0.20	0.85	2.45	1.3037	-0.1353	0.1558	3.5032
0.20	0.85	2.55	1.3019	-0.1311	0.1518	3.2737
0.20	0.85	2.65	1.2987	-0.1231	0.1517	2.8757
0.20	0.85	2.75	1.2929	-0.1242	0.1498	2.7866
0.20	0.85	2.85	1.2894	-0.1245	0.1458	2.5143
0.20	0.85	2.95	1.2867	-0.1180	0.1432	2.3416
0.20	0.85	3.05	1.2813	-0.1209	0.1412	2.4975
0.20	0.85	3.25	1.2789	-0.1145	0.1350	2.0412
0.20	0.85	3.45	1.2706	-0.1185	0.1332	2.0080
0.20	0.85	3.65	1.2596	-0.1207	0.1277	1.8758
0.20	0.85	3.85	1.2590	-0.1178	0.1203	1.7500
0.20	0.85	4.05	1.2515	-0.1176	0.1176	1.3864
0.20	0.85	4.25	1.2471	-0.1181	0.1121	1.5138
0.20	0.85	4.45	1.2443	-0.1230	0.1046	1.5344
0.20	0.85	4.65	1.2379	-0.1163	0.1032	1.5703
0.20	0.85	4.85	1.2332	-0.1220	0.0965	1.3303
0.20	0.85	5.05	1.2319	-0.1104	0.0908	1.4933
0.20	0.85	5.55	1.2203	-0.1136	0.0831	1.1464
0.20	0.85	6.05	1.2166	-0.1050	0.0769	1.3222
0.20	0.85	6.55	1.2086	-0.1014	0.0717	1.4085
0.20	0.85	7.05	1.2037	-0.0954	0.0621	1.1353
0.20	0.85	7.55	1.1993	-0.0921	0.0598	1.1006
0.20	0.85	8.05	1.1958	-0.0876	0.0543	1.1439
0.20	0.85	8.55	1.1901	-0.0827	0.0488	1.1057
0.20	0.85	9.05	1.1889	-0.0835	0.0445	1.1171
0.30	0.85	0.05	-0.3941	0.1320	-0.0023	16.1759
0.30	0.85	0.15	-0.3700	0.1722	-0.0339	17.4508
0.30	0.85	0.25	-0.3255	0.2272	-0.0549	21.8342
0.30	0.85	0.35	-0.2790	0.2718	-0.0763	23.8646
0.30	0.85	0.45	-0.2272	0.3179	-0.0966	26.6030
0.30	0.85	0.55	-0.1576	0.3817	-0.1167	31.2523
0.30	0.85	0.65	-0.0986	0.3357	-0.1330	33.3845
0.30	0.85	0.75	-0.0101	0.3033	-0.1473	37.8978
0.30	0.85	0.85	0.0597	0.2108	-0.1566	35.4349
0.30	0.85	0.95	0.1546	0.1764	-0.1694	41.2252
0.30	0.85	1.05	0.2909	0.1602	-0.1854	35.4340
0.30	0.85	1.15	0.4396	0.0691	-0.1989	44.2349
0.30	0.85	1.25	0.6230	-0.0494	-0.2085	37.9136
0.30	0.85	1.35	0.7918	-0.2752	-0.1988	34.0059
0.30	0.85	1.45	0.9089	-0.3550	-0.1597	25.3171

0.30	0.85	1.55	1.0808	-0.3291	-0.1218	17.4819
0.30	0.85	1.65	1.2155	-0.2322	-0.0849	15.8762
0.30	0.85	1.75	1.2580	-0.2139	-0.0477	12.3830
0.30	0.85	1.85	1.2908	-0.2169	-0.0259	10.5648
0.30	0.85	1.95	1.2946	-0.2489	0.0028	10.2154
0.30	0.85	2.05	1.3097	-0.2689	0.0179	8.7833
0.30	0.85	2.15	1.3244	-0.2396	0.0303	6.6974
0.30	0.85	2.25	1.3226	-0.2474	0.0405	7.6449
0.30	0.85	2.35	1.3224	-0.2414	0.0496	5.6058
0.30	0.85	2.45	1.3195	-0.2247	0.0616	4.3986
0.30	0.85	2.55	1.3170	-0.2215	0.0666	4.0743
0.30	0.85	2.65	1.3153	-0.1984	0.0749	4.9529
0.30	0.85	2.75	1.3133	-0.2058	0.0833	3.3184
0.30	0.85	2.85	1.3120	-0.1987	0.0864	2.9186
0.30	0.85	2.95	1.3063	-0.1992	0.0878	2.9708
0.30	0.85	3.05	1.3019	-0.1976	0.0893	2.5686
0.30	0.85	3.15	1.2983	-0.1983	0.0873	2.5232
0.30	0.85	3.25	1.2964	-0.1970	0.0847	2.2053
0.30	0.85	3.35	1.2915	-0.1935	0.0843	2.6693
0.30	0.85	3.45	1.2878	-0.1884	0.0829	2.7914
0.30	0.85	3.55	1.2789	-0.1975	0.0818	2.4770
0.30	0.85	3.75	1.2761	-0.1902	0.0813	2.5188
0.30	0.85	3.95	1.2689	-0.1932	0.0795	1.8122
0.30	0.85	4.15	1.2641	-0.1940	0.0768	2.1027
0.30	0.85	4.35	1.2544	-0.1992	0.0727	2.1007
0.30	0.85	4.55	1.2516	-0.1963	0.0681	1.9343
0.30	0.85	4.75	1.2477	-0.1898	0.0675	1.5184
0.30	0.85	4.95	1.2440	-0.1892	0.0662	1.4660
0.30	0.85	5.15	1.2394	-0.1890	0.0632	1.7280
0.30	0.85	5.35	1.2359	-0.1817	0.0595	1.6557
0.30	0.85	5.55	1.2328	-0.1831	0.0569	1.7991
0.30	0.85	6.05	1.2241	-0.1797	0.0548	1.6506
0.30	0.85	6.55	1.2157	-0.1772	0.0531	1.5908
0.30	0.85	7.05	1.2093	-0.1781	0.0503	1.5936
0.30	0.85	7.55	1.2063	-0.1663	0.0472	1.6416
0.30	0.85	8.05	1.2018	-0.1569	0.0415	1.5046
0.30	0.85	8.55	1.1945	-0.1672	0.0385	1.5239
0.30	0.85	9.05	1.1949	-0.1471	0.0365	1.1362
0.30	0.85	9.55	1.1880	-0.1442	0.0331	1.1125
0.30	0.85	10.05	1.1886	-0.1335	0.0273	1.1614
0.30	0.85	10.55	1.1831	-0.1399	0.0267	1.4065
0.30	0.85	11.05	1.1823	-0.1306	0.0236	1.2505
0.40	0.85	0.05	-0.3156	0.1572	-0.0493	19.0507
0.40	0.85	0.15	-0.3526	0.1252	-0.0555	15.5546
0.40	0.85	0.25	-0.3409	0.1162	-0.0650	15.2416
0.40	0.85	0.35	-0.2896	0.1098	-0.0765	20.2412
0.40	0.85	0.45	-0.2127	0.1357	-0.0862	24.6252
0.40	0.85	0.55	-0.1566	0.1187	-0.0987	29.0398
0.40	0.85	0.65	-0.0758	0.1730	-0.1109	34.0428
0.40	0.85	0.75	0.0081	0.1997	-0.1277	37.6925
0.40	0.85	0.85	0.0764	0.2388	-0.1429	40.1085

0.40	0.85	0.95	0.1869	0.3139	-0.1551	40.6602
0.40	0.85	1.05	0.2676	0.3016	-0.1692	42.8161
0.40	0.85	1.15	0.3683	0.3506	-0.1639	43.1299
0.40	0.85	1.25	0.4204	0.3490	-0.1519	43.8352
0.40	0.85	1.35	0.4852	0.3294	-0.1402	34.6314
0.40	0.85	1.45	0.5546	0.2565	-0.1320	32.2717
0.40	0.85	1.55	0.6434	0.2427	-0.1239	31.2249
0.40	0.85	1.65	0.7353	-0.0480	-0.1201	28.2150
0.40	0.85	1.75	0.8322	-0.2588	-0.1128	26.4586
0.40	0.85	1.85	0.9537	-0.3289	-0.1064	22.1379
0.40	0.85	1.95	1.1080	-0.2055	-0.0998	19.4731
0.40	0.85	2.05	1.2045	-0.0881	-0.0942	12.7544
0.40	0.85	2.15	1.2288	-0.0813	-0.0878	10.9363
0.40	0.85	2.25	1.2294	-0.1352	-0.0828	9.4890
0.40	0.85	2.35	1.2457	-0.1396	-0.0739	7.7170
0.40	0.85	2.45	1.2628	-0.1343	-0.0649	7.2466
0.40	0.85	2.55	1.2691	-0.1413	-0.0579	6.6632
0.40	0.85	2.65	1.2701	-0.1466	-0.0545	6.9201
0.40	0.85	2.75	1.2674	-0.1520	-0.0467	5.6336
0.40	0.85	2.85	1.2735	-0.1354	-0.0356	5.6970
0.40	0.85	2.95	1.2732	-0.1401	-0.0277	6.0966
0.40	0.85	3.05	1.2755	-0.1268	-0.0151	4.9502
0.40	0.85	3.15	1.2773	-0.1246	-0.0011	4.9447
0.40	0.85	3.25	1.2778	-0.1223	0.0110	5.1168
0.40	0.85	3.35	1.2761	-0.1305	0.0255	5.1770
0.40	0.85	3.45	1.2827	-0.1147	0.0292	4.9680
0.40	0.85	3.55	1.2810	-0.1299	0.0316	4.9311
0.40	0.85	3.75	1.2761	-0.1359	0.0364	4.4294
0.40	0.85	3.95	1.2674	-0.1404	0.0377	3.9937
0.40	0.85	4.15	1.2649	-0.1444	0.0392	2.6942
0.40	0.85	4.35	1.2643	-0.1287	0.0406	2.9824
0.40	0.85	4.55	1.2560	-0.1324	0.0421	2.6618
0.40	0.85	4.75	1.2501	-0.1277	0.0435	2.3543
0.40	0.85	4.95	1.2492	-0.1268	0.0434	2.3838
0.40	0.85	5.15	1.2427	-0.1252	0.0435	2.3130
0.40	0.85	5.35	1.2418	-0.1196	0.0433	2.2785
0.40	0.85	5.55	1.2369	-0.1221	0.0424	2.0872
0.40	0.85	6.05	1.2268	-0.1192	0.0398	1.7764
0.40	0.85	6.55	1.2206	-0.1191	0.0382	1.7073
0.40	0.85	7.05	1.2157	-0.1136	0.0336	1.5667
0.40	0.85	7.55	1.2110	-0.1046	0.0326	1.5880
0.40	0.85	8.05	1.2036	-0.1047	0.0306	1.4793
0.40	0.85	8.55	1.2026	-0.1011	0.0278	1.5465
0.40	0.85	9.05	1.1971	-0.0947	0.0257	1.3700
0.40	0.85	9.55	1.1935	-0.0926	0.0244	1.4469
0.40	0.85	10.05	1.1899	-0.0850	0.0226	1.4668
0.40	0.85	10.55	1.1874	-0.0860	0.0215	1.2234
0.40	0.85	11.05	1.1863	-0.0739	0.0214	1.3796
0.50	0.85	0.05	-0.2495	0.2387	0.0409	19.4410
0.50	0.85	0.15	-0.2413	0.2296	0.0187	20.4724
0.50	0.85	0.25	-0.2187	0.2444	-0.0141	20.1510

0.50	0.85	0.35	-0.1918	0.2568	-0.0460	19.8467
0.50	0.85	0.45	-0.1508	0.2490	-0.0895	24.5697
0.50	0.85	0.55	-0.1140	0.2581	-0.1152	27.2190
0.50	0.85	0.65	-0.0731	0.2737	-0.1312	26.5709
0.50	0.85	0.75	-0.0398	0.2206	-0.1458	28.8535
0.50	0.85	0.85	0.0190	0.2295	-0.1582	31.5596
0.50	0.85	0.95	0.0523	0.2072	-0.1721	34.6791
0.50	0.85	1.05	0.1155	0.2627	-0.1810	36.0216
0.50	0.85	1.15	0.1618	0.2451	-0.1884	37.4635
0.50	0.85	1.25	0.2236	0.3148	-0.1953	37.2134
0.50	0.85	1.35	0.2744	0.2976	-0.1998	38.0708
0.50	0.85	1.45	0.3443	0.3169	-0.2067	34.1541
0.50	0.85	1.55	0.4214	0.3534	-0.2144	32.5964
0.50	0.85	1.65	0.4885	0.2916	-0.2218	30.3227
0.50	0.85	1.75	0.6304	0.2976	-0.2278	34.9626
0.50	0.85	1.85	0.7422	0.2183	-0.2336	40.1449
0.50	0.85	1.95	0.8764	0.1118	-0.2306	34.3779
0.50	0.85	2.05	0.9820	-0.2023	-0.2238	27.1029
0.50	0.85	2.15	1.0738	-0.1989	-0.2117	18.2548
0.50	0.85	2.25	1.1064	-0.1697	-0.1944	17.9576
0.50	0.85	2.35	1.1313	-0.1544	-0.1795	15.4362
0.50	0.85	2.45	1.1585	-0.1529	-0.1564	12.7540
0.50	0.85	2.55	1.1726	-0.1432	-0.1359	12.4987
0.50	0.85	2.65	1.1865	-0.1497	-0.1216	11.5189
0.50	0.85	2.75	1.1896	-0.1570	-0.1068	11.7137
0.50	0.85	2.85	1.2069	-0.1479	-0.0907	10.2207
0.50	0.85	2.95	1.2256	-0.1278	-0.0773	9.9310
0.50	0.85	3.05	1.2351	-0.1415	-0.0681	8.5828
0.50	0.85	3.15	1.2370	-0.1569	-0.0574	8.6412
0.50	0.85	3.25	1.2396	-0.1518	-0.0470	9.2331
0.50	0.85	3.35	1.2471	-0.1367	-0.0400	6.4841
0.50	0.85	3.45	1.2512	-0.1317	-0.0376	7.5313
0.50	0.85	3.55	1.2512	-0.1413	-0.0308	6.8023
0.50	0.85	3.75	1.2547	-0.1369	-0.0256	6.9573
0.50	0.85	3.95	1.2646	-0.1120	-0.0191	5.7106
0.50	0.85	4.15	1.2621	-0.1063	-0.0124	4.6701
0.50	0.85	4.35	1.2518	-0.1181	-0.0090	4.3903
0.50	0.85	4.55	1.2452	-0.1197	-0.0033	3.9307
0.50	0.85	4.75	1.2299	-0.1423	-0.0009	3.2256
0.50	0.85	4.95	1.2240	-0.1529	0.0030	2.7721
0.50	0.85	5.15	1.2204	-0.1472	0.0063	2.8119
0.50	0.85	5.35	1.2170	-0.1465	0.0101	2.2118
0.50	0.85	5.55	1.2172	-0.1448	0.0141	2.9832
0.50	0.85	6.05	1.2121	-0.1408	0.0160	2.1698
0.50	0.85	6.55	1.2095	-0.1258	0.0171	1.8648
0.50	0.85	7.05	1.2034	-0.1224	0.0171	1.5839
0.50	0.85	7.55	1.1986	-0.1187	0.0176	1.6676
0.50	0.85	8.05	1.1938	-0.1048	0.0170	1.4323
0.50	0.85	8.55	1.1914	-0.1034	0.0167	1.3509
0.50	0.85	9.05	1.1857	-0.1105	0.0166	1.2999
0.50	0.85	9.55	1.1829	-0.0973	0.0170	1.2592

0.50	0.85	10.05	1.1821	-0.0950	0.0171	1.1857
0.50	0.85	10.55	1.1805	-0.0727	0.0150	1.3459
0.50	0.85	11.05	1.1769	-0.0831	0.0150	1.2798
0.50	0.85	11.55	1.1746	-0.0846	0.0157	1.1606
0.60	0.85	0.05	-0.1780	0.2328	-0.0446	18.5905
0.60	0.85	0.15	-0.1590	0.2262	-0.0705	20.0088
0.60	0.85	0.25	-0.1346	0.2180	-0.0842	20.4958
0.60	0.85	0.35	-0.1102	0.2064	-0.1031	21.5725
0.60	0.85	0.45	-0.0598	0.2497	-0.1196	23.9909
0.60	0.85	0.55	-0.0316	0.2212	-0.1427	24.1556
0.60	0.85	0.65	0.0192	0.2596	-0.1570	28.4428
0.60	0.85	0.75	0.0761	0.3009	-0.1719	32.6044
0.60	0.85	0.85	0.1104	0.3292	-0.2015	31.2870
0.60	0.85	0.95	0.1611	0.3458	-0.2282	33.3367
0.60	0.85	1.05	0.2088	0.3516	-0.2436	35.7089
0.60	0.85	1.15	0.2419	0.3671	-0.2750	35.4071
0.60	0.85	1.25	0.2821	0.4137	-0.2802	36.1230
0.60	0.85	1.35	0.3175	0.4032	-0.2714	32.7133
0.60	0.85	1.45	0.3521	0.4264	-0.2606	31.4079
0.60	0.85	1.55	0.3960	0.4178	-0.2476	33.3943
0.60	0.85	1.65	0.4270	0.3769	-0.2384	35.7666
0.60	0.85	1.75	0.4550	0.3594	-0.2313	36.4519
0.60	0.85	1.85	0.4963	0.2708	-0.2243	36.4345
0.60	0.85	1.95	0.5297	0.1411	-0.2149	36.8757
0.60	0.85	2.05	0.5730	0.0861	-0.2061	34.0574
0.60	0.85	2.15	0.6403	-0.0764	-0.1972	35.3107
0.60	0.85	2.25	0.7118	-0.2519	-0.1883	36.7709
0.60	0.85	2.35	0.7956	-0.2600	-0.1815	37.3404
0.60	0.85	2.45	0.9105	-0.3299	-0.1734	28.7225
0.60	0.85	2.55	0.9786	-0.2610	-0.1664	25.1003
0.60	0.85	2.65	1.0422	-0.2233	-0.1606	19.9625
0.60	0.85	2.75	1.0539	-0.2233	-0.1507	14.8535
0.60	0.85	2.85	1.0821	-0.2012	-0.1386	15.0933
0.60	0.85	2.95	1.1035	-0.1803	-0.1285	13.7006
0.60	0.85	3.05	1.1250	-0.1515	-0.1190	12.8695
0.60	0.85	3.15	1.1263	-0.1563	-0.1100	12.6352
0.60	0.85	3.25	1.1414	-0.1391	-0.1031	11.7337
0.60	0.85	3.35	1.1486	-0.1438	-0.0923	11.1278
0.60	0.85	3.45	1.1646	-0.1324	-0.0871	10.9164
0.60	0.85	3.55	1.1840	-0.1173	-0.0736	11.2218
0.60	0.85	3.75	1.2097	-0.0917	-0.0525	9.9379
0.60	0.85	3.95	1.2366	-0.0661	-0.0368	8.5675
0.60	0.85	4.15	1.2409	-0.0635	-0.0217	8.2641
0.60	0.85	4.35	1.2453	-0.0736	-0.0038	6.8972
0.60	0.85	4.55	1.2401	-0.0955	0.0042	5.6422
0.60	0.85	4.75	1.2414	-0.0899	0.0084	4.7217
0.60	0.85	4.95	1.2433	-0.0968	0.0097	4.7744
0.60	0.85	5.15	1.2374	-0.1036	0.0126	4.4044
0.60	0.85	5.35	1.2351	-0.1071	0.0116	3.8403
0.60	0.85	5.55	1.2242	-0.1175	0.0126	3.6308
0.60	0.85	6.05	1.2169	-0.1147	0.0118	2.7478

0.60	0.85	6.55	1.2025	-0.1229	0.0087	2.7062
0.60	0.85	7.05	1.1990	-0.1115	0.0107	2.2543
0.60	0.85	7.55	1.1932	-0.0987	0.0068	2.0331
0.60	0.85	8.05	1.1896	-0.1069	0.0091	1.8077
0.60	0.85	8.55	1.1884	-0.1089	0.0083	1.5787
0.60	0.85	9.05	1.1845	-0.1057	0.0076	1.6452
0.60	0.85	9.55	1.1817	-0.1152	0.0054	1.5926
0.60	0.85	10.05	1.1790	-0.0945	0.0030	1.6054
0.60	0.85	10.55	1.1777	-0.0972	0.0058	1.4366
0.60	0.85	11.05	1.1762	-0.0939	0.0056	1.5743
0.60	0.85	11.55	1.1747	-0.0838	0.0050	1.2651
0.70	0.85	0.05	-0.1144	0.1768	-0.0587	16.0709
0.70	0.85	0.15	-0.0990	0.1324	-0.0772	17.9112
0.70	0.85	0.25	-0.0686	0.1509	-0.0975	20.4155
0.70	0.85	0.35	-0.0263	0.1797	-0.1117	21.2463
0.70	0.85	0.45	0.0288	0.2142	-0.1274	23.5854
0.70	0.85	0.55	0.0667	0.2498	-0.1354	26.9934
0.70	0.85	0.65	0.1038	0.2775	-0.1426	28.4388
0.70	0.85	0.75	0.1335	0.2773	-0.1488	29.6423
0.70	0.85	0.85	0.1478	0.2480	-0.1543	30.8213
0.70	0.85	0.95	0.1755	0.2453	-0.1582	29.6471
0.70	0.85	1.05	0.2025	0.2322	-0.1652	31.3691
0.70	0.85	1.15	0.2367	0.2312	-0.1691	32.6108
0.70	0.85	1.25	0.2608	0.2401	-0.1758	32.1256
0.70	0.85	1.35	0.2758	0.2280	-0.1791	30.6265
0.70	0.85	1.45	0.3021	0.2176	-0.1843	31.4231
0.70	0.85	1.55	0.3226	0.2288	-0.1888	33.4551
0.70	0.85	1.65	0.3622	0.1971	-0.1922	30.8240
0.70	0.85	1.75	0.3824	0.1540	-0.1985	30.4834
0.70	0.85	1.85	0.4163	0.0700	-0.2043	32.8687
0.70	0.85	1.95	0.4605	0.0238	-0.2063	37.8306
0.70	0.85	2.05	0.5000	-0.0904	-0.2133	36.3706
0.70	0.85	2.15	0.5308	-0.1948	-0.2180	33.8885
0.70	0.85	2.25	0.5933	-0.2886	-0.2230	33.6201
0.70	0.85	2.35	0.6109	-0.5335	-0.2227	36.9212
0.70	0.85	2.45	0.6583	-0.5941	-0.2236	37.0881
0.70	0.85	2.55	0.6674	-0.6316	-0.2197	36.7647
0.70	0.85	2.65	0.6907	-0.6561	-0.2154	36.7133
0.70	0.85	2.75	0.7241	-0.6648	-0.2107	35.2954
0.70	0.85	2.85	0.7866	-0.6063	-0.2030	33.0599
0.70	0.85	2.95	0.8451	-0.5306	-0.1983	31.1791
0.70	0.85	3.05	0.9325	-0.3971	-0.1930	19.3720
0.70	0.85	3.15	0.9710	-0.3161	-0.1901	18.5133
0.70	0.85	3.25	1.0787	-0.1544	-0.1821	9.9924
0.70	0.85	3.35	1.0794	-0.1782	-0.1713	9.0887
0.70	0.85	3.45	1.0916	-0.1826	-0.1596	10.5687
0.70	0.85	3.55	1.0946	-0.1813	-0.1470	10.1969
0.70	0.85	3.75	1.1140	-0.1631	-0.1358	9.5075
0.70	0.85	3.95	1.1267	-0.1615	-0.1264	9.7663
0.70	0.85	4.15	1.1344	-0.1731	-0.1035	7.7489
0.70	0.85	4.35	1.1587	-0.1640	-0.0835	6.6856

0.70	0.85	4.55	1.1696	-0.1614	-0.0667	6.8378
0.70	0.85	4.75	1.1787	-0.1709	-0.0554	6.5031
0.70	0.85	4.95	1.1959	-0.1168	-0.0511	7.9226
0.70	0.85	5.15	1.1999	-0.1386	-0.0477	7.9060
0.70	0.85	5.35	1.1974	-0.1238	-0.0391	5.7288
0.70	0.85	5.55	1.1945	-0.1296	-0.0268	3.9175
0.70	0.85	6.05	1.1958	-0.1177	-0.0195	4.6514
0.70	0.85	6.55	1.1883	-0.1398	-0.0147	3.0544
0.70	0.85	7.05	1.1808	-0.1219	-0.0141	2.3387
0.70	0.85	7.55	1.1774	-0.1314	-0.0123	1.9637
0.70	0.85	8.05	1.1776	-0.1281	-0.0117	1.9211
0.70	0.85	8.55	1.1734	-0.1260	-0.0109	1.5327
0.70	0.85	9.05	1.1719	-0.1188	-0.0104	1.6304
0.70	0.85	9.55	1.1704	-0.1201	-0.0104	1.7363
0.70	0.85	10.05	1.1682	-0.1104	-0.0105	1.4739
0.70	0.85	10.55	1.1657	-0.1099	-0.0107	1.5063
0.70	0.85	11.05	1.1646	-0.1052	-0.0105	1.6372
0.70	0.85	11.55	1.1632	-0.1063	-0.0106	1.3614
0.80	0.85	0.05	0.0597	0.4061	-0.0865	25.5581
0.80	0.85	0.15	0.0599	0.3647	-0.0926	20.6365
0.80	0.85	0.25	0.0664	0.3239	-0.0994	21.9715
0.80	0.85	0.35	0.0742	0.3028	-0.1077	21.8736
0.80	0.85	0.45	0.0847	0.2656	-0.1161	23.3130
0.80	0.85	0.55	0.1216	0.2660	-0.1249	22.9650
0.80	0.85	0.65	0.1419	0.2576	-0.1328	24.2934
0.80	0.85	0.75	0.1743	0.2729	-0.1426	25.2507
0.80	0.85	0.85	0.1995	0.2642	-0.1525	27.2554
0.80	0.85	0.95	0.2221	0.2349	-0.1614	27.8932
0.80	0.85	1.05	0.2579	0.2415	-0.1699	28.2508
0.80	0.85	1.15	0.2810	0.2476	-0.1805	28.6743
0.80	0.85	1.25	0.3069	0.2303	-0.1873	27.2868
0.80	0.85	1.35	0.3301	0.2246	-0.1922	30.5430
0.80	0.85	1.45	0.3425	0.1988	-0.1993	29.5449
0.80	0.85	1.55	0.3717	0.2086	-0.2053	30.0210
0.80	0.85	1.65	0.4064	0.2219	-0.2113	31.0548
0.80	0.85	1.75	0.4218	0.2197	-0.2204	29.5931
0.80	0.85	1.85	0.4466	0.2159	-0.2286	31.4842
0.80	0.85	1.95	0.4689	0.2043	-0.2369	25.1775
0.80	0.85	2.05	0.5054	0.2341	-0.2412	30.7971
0.80	0.85	2.15	0.5359	0.2001	-0.2430	33.5185
0.80	0.85	2.25	0.5598	0.1287	-0.2403	35.6613
0.80	0.85	2.35	0.6071	0.0561	-0.2368	35.3548
0.80	0.85	2.45	0.6516	-0.0624	-0.2309	32.8924
0.80	0.85	2.55	0.6797	-0.1875	-0.2242	32.7123
0.80	0.85	2.65	0.7058	-0.3490	-0.2178	32.5530
0.80	0.85	2.75	0.7334	-0.3918	-0.2102	34.6174
0.80	0.85	2.85	0.7545	-0.4567	-0.2045	33.2263
0.80	0.85	2.95	0.8120	-0.3825	-0.1976	33.2482
0.80	0.85	3.05	0.8321	-0.3871	-0.1842	32.2090
0.80	0.85	3.15	0.8731	-0.3554	-0.1761	30.7294
0.80	0.85	3.25	0.9619	-0.2426	-0.1662	20.7913

0.80	0.85	3.35	1.0111	-0.1951	-0.1546	14.1424
0.80	0.85	3.45	1.0188	-0.1905	-0.1481	18.1878
0.80	0.85	3.55	1.0379	-0.1699	-0.1288	12.0482
0.80	0.85	3.75	1.0599	-0.1614	-0.1128	12.4146
0.80	0.85	3.95	1.0959	-0.1150	-0.1007	12.7525
0.80	0.85	4.15	1.1121	-0.1245	-0.0803	11.5339
0.80	0.85	4.35	1.1248	-0.1246	-0.0737	11.2370
0.80	0.85	4.55	1.1383	-0.1303	-0.0564	11.5634
0.80	0.85	4.75	1.1536	-0.1046	-0.0479	9.5836
0.80	0.85	4.95	1.1607	-0.1081	-0.0374	9.2117
0.80	0.85	5.15	1.1689	-0.1133	-0.0308	4.8784
0.80	0.85	5.35	1.1730	-0.0984	-0.0274	3.4409
0.80	0.85	5.55	1.1758	-0.1238	-0.0235	3.9670
0.80	0.85	6.05	1.1744	-0.1336	-0.0185	2.8768
0.80	0.85	6.55	1.1750	-0.1380	-0.0139	3.5285
0.80	0.85	7.05	1.1749	-0.1274	-0.0129	3.1774
0.80	0.85	7.55	1.1748	-0.1297	-0.0130	2.5383
0.80	0.85	8.05	1.1707	-0.1312	-0.0126	2.0847
0.80	0.85	8.55	1.1699	-0.1256	-0.0125	1.9887
0.80	0.85	9.05	1.1681	-0.1266	-0.0127	1.7164
0.80	0.85	9.55	1.1626	-0.1305	-0.0129	1.5317
0.80	0.85	10.05	1.1641	-0.1159	-0.0126	1.5311
0.80	0.85	10.55	1.1664	-0.1093	-0.0126	1.5018
0.80	0.85	11.05	1.1635	-0.1101	-0.0126	1.5593
0.80	0.85	11.55	1.1642	-0.0981	-0.0125	1.4211
0.90	0.85	0.05	0.1096	0.4021	-0.0206	20.9206
0.90	0.85	0.20	0.1381	0.4357	-0.0276	20.7030
0.90	0.85	0.35	0.1685	0.4367	-0.0327	20.3531
0.90	0.85	0.50	0.1891	0.4435	-0.0380	21.8656
0.90	0.85	0.65	0.2116	0.4223	-0.0427	22.6723
0.90	0.85	0.80	0.2419	0.4179	-0.0481	22.9094
0.90	0.85	0.95	0.2607	0.3995	-0.0553	22.4050
0.90	0.85	1.10	0.2941	0.4161	-0.0617	22.6338
0.90	0.85	1.25	0.3086	0.3410	-0.0672	25.5400
0.90	0.85	1.40	0.3432	0.3135	-0.0728	26.5062
0.90	0.85	1.55	0.3773	0.2729	-0.0784	26.5631
0.90	0.85	1.70	0.4041	0.2594	-0.0862	27.2685
0.90	0.85	1.85	0.4247	0.1770	-0.0960	27.3292
0.90	0.85	2.00	0.4556	0.1222	-0.1036	26.1937
0.90	0.85	2.15	0.4740	0.0799	-0.1131	29.7368
0.90	0.85	2.30	0.5015	0.0075	-0.1231	27.1779
0.90	0.85	2.45	0.5379	-0.0262	-0.1311	26.7127
0.90	0.85	2.60	0.5749	-0.0895	-0.1362	29.3682
0.90	0.85	2.75	0.6118	-0.1624	-0.1413	29.9652
0.90	0.85	2.90	0.6368	-0.1966	-0.1456	30.7530
0.90	0.85	3.05	0.6713	-0.2903	-0.1521	29.7821
0.90	0.85	3.20	0.7328	-0.2759	-0.1552	32.6736
0.90	0.85	3.35	0.7867	-0.2884	-0.1571	28.8937
0.90	0.85	3.50	0.9332	-0.1575	-0.1571	21.2803
0.90	0.85	3.65	1.0218	-0.0733	-0.1528	13.8598
0.90	0.85	3.90	1.0776	-0.0567	-0.1464	8.1723

0.90	0.85	4.15	1.0956	-0.0546	-0.1394	9.0430
0.90	0.85	4.40	1.1110	-0.0641	-0.1275	7.0597
0.90	0.85	4.65	1.1254	-0.0774	-0.1135	7.7264
0.90	0.85	4.90	1.1323	-0.0823	-0.0979	6.8763
0.90	0.85	5.15	1.1405	-0.0884	-0.0791	6.1011
0.90	0.85	5.40	1.1505	-0.0968	-0.0611	6.6332
0.90	0.85	5.65	1.1516	-0.1218	-0.0456	5.4476
0.90	0.85	5.90	1.1522	-0.1214	-0.0336	6.8975
0.90	0.85	6.40	1.1564	-0.1199	-0.0257	5.9173
0.90	0.85	6.90	1.1573	-0.1196	-0.0239	4.5148
0.90	0.85	7.40	1.1598	-0.1071	-0.0206	3.6935
0.90	0.85	7.90	1.1601	-0.1149	-0.0178	3.0665
0.90	0.85	8.40	1.1586	-0.1166	-0.0163	2.5984
0.90	0.85	8.90	1.1575	-0.1198	-0.0130	2.2045
0.90	0.85	9.40	1.1595	-0.1095	-0.0114	2.0730
0.90	0.85	9.90	1.1585	-0.1133	-0.0102	1.8443
0.90	0.85	10.40	1.1579	-0.1060	-0.0084	1.7651
0.90	0.85	10.90	1.1536	-0.1083	-0.0077	1.7709
0.90	0.85	11.40	1.1536	-0.1042	-0.0063	1.5994
0.90	0.85	11.90	1.1578	-0.0905	-0.0050	1.3694
0.90	0.85	12.40	1.1544	-0.0936	-0.0047	1.4897
0.90	0.85	12.90	1.1556	-0.0911	-0.0045	1.5969
0.90	0.85	13.40	1.1535	-0.0899	-0.0044	1.5665
0.90	0.85	13.90	1.1554	-0.0796	-0.0042	1.5010
0.90	0.85	14.40	1.1547	-0.0823	-0.0042	1.2673
0.99	0.85	0.05	0.1820	0.2864	-0.0804	17.8502
0.99	0.85	0.20	0.1866	0.2567	-0.0885	14.3186
0.99	0.85	0.35	0.2046	0.2564	-0.0949	14.9022
0.99	0.85	0.50	0.2180	0.2673	-0.1036	15.9672
0.99	0.85	0.65	0.2311	0.2524	-0.1116	18.2853
0.99	0.85	0.80	0.2424	0.2526	-0.1214	19.7197
0.99	0.85	0.95	0.2609	0.2240	-0.1301	25.1162
0.99	0.85	1.10	0.2767	0.2245	-0.1392	21.8456
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0.99	0.85	1.40	0.3084	0.1783	-0.1515	25.6295
0.99	0.85	1.55	0.3208	0.1436	-0.1569	25.1917
0.99	0.85	1.70	0.3382	0.1327	-0.1649	27.6503
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0.99	0.85	2.00	0.3809	0.1202	-0.1785	28.9453
0.99	0.85	2.15	0.4056	0.1421	-0.1874	27.6654
0.99	0.85	2.30	0.4312	0.1359	-0.1968	29.2486
0.99	0.85	2.45	0.4508	0.0988	-0.2026	26.0250
0.99	0.85	2.60	0.4835	0.0831	-0.2122	31.3284
0.99	0.85	2.75	0.5178	0.0770	-0.2163	31.2654
0.99	0.85	2.90	0.5410	0.0037	-0.2205	30.8921
0.99	0.85	3.05	0.5554	-0.0363	-0.2220	22.4569
0.99	0.85	3.20	0.5779	-0.0766	-0.2176	28.9740
0.99	0.85	3.35	0.6139	-0.0934	-0.2108	28.6723
0.99	0.85	3.50	0.6516	-0.2618	-0.2034	29.5689
0.99	0.85	3.65	0.6901	-0.3780	-0.1952	29.7182
0.99	0.85	3.90	0.8067	-0.3305	-0.1854	27.4009

0.99	0.85	4.15	0.9260	-0.3003	-0.1741	19.4833
0.99	0.85	4.40	0.9910	-0.2670	-0.1623	12.6890
0.99	0.85	4.65	1.0344	-0.2223	-0.1534	9.0732
0.99	0.85	4.90	1.0642	-0.1678	-0.1434	9.3514
0.99	0.85	5.15	1.0883	-0.1531	-0.1310	8.4857
0.99	0.85	5.40	1.1098	-0.1285	-0.1127	7.3811
0.99	0.85	5.65	1.1284	-0.1129	-0.0983	6.8875
0.99	0.85	5.90	1.1386	-0.1109	-0.0867	7.0881
0.99	0.85	6.40	1.1461	-0.1135	-0.0685	6.1151
0.99	0.85	6.90	1.1502	-0.1155	-0.0572	5.8096
0.99	0.85	7.40	1.1552	-0.1120	-0.0491	6.5559
0.99	0.85	7.90	1.1569	-0.1142	-0.0407	2.9627
0.99	0.85	8.40	1.1531	-0.1172	-0.0352	3.7709
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0.99	0.85	9.40	1.1523	-0.1104	-0.0247	3.0947
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0.99	0.85	12.90	1.1477	-0.0985	-0.0038	2.2768
0.99	0.85	13.40	1.1490	-0.0825	-0.0021	2.2362
0.99	0.85	13.90	1.1509	-0.0782	-0.0010	2.0093
0.99	0.85	14.40	1.1502	-0.0749	0.0015	1.8036

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13. ABSTRACT ***(Maximum 200 words)***

3-D flowfield measurements have been obtained for a semispan 30-degree swept wing with a simulated glaze ice accretion. The model tested has a NACA 0012 section perpendicular to the leading edge. Measurements were made using a 2-component Laser Doppler Velocemiter (LDV) system. Mean velocity measurements were obtained for all three velocity components. Streamwise turbulence intensities were also obtained. All measurements were taken in the University of Illinois 3 by 4 foot subsonic wind tunnel at a Reynolds number of 1 million and 8 degrees angle of attack. The data is presented in tabular form and is also available on computer disk. A paper entitled "LDV Flowfield Measurements on a Straight and Swept Wing With A Simulated Ice Accretion" presented at 31st Aerospace Sciences meeting (AIAA 93–0300) which documents these measurements is also included.

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