

Table 1. Voids in Data Release 5 of the Sloan Digital Sky Survey.

Void #	Radius ^a (h^{-1} Mpc)	Volume (h^{-3} Mpc ³)	Distance (h^{-1} Mpc)	Redshift (z)	α (deg)	δ (deg)	Field Gal. (#)	a^b (h^{-1} Mpc)	b^b (h^{-1} Mpc)	c^b (h^{-1} Mpc)	ϵ_1^c	ϵ_2^c	T^d
1	14.29	12228	71.15	0.024	210.89	48.26	1	15.49	13.98	13.01	0.097	0.069	0.630
2	13.59	10508	77.26	0.026	224.47	33.01	0	17.41	13.02	12.06	0.252	0.074	0.847
3	16.80	19859	79.35	0.027	180.15	60.59	4	22.99	16.18	13.29	0.296	0.179	0.758
4	18.82	27928	84.12	0.028	179.94	39.07	1	23.00	18.94	15.73	0.177	0.169	0.605
5	17.13	21048	90.04	0.030	203.00	32.01	2	19.17	17.11	15.47	0.107	0.096	0.583
6	19.68	31931	97.14	0.033	216.93	52.97	3	25.02	19.01	16.48	0.240	0.133	0.747
7	31.33	128758	102.97	0.035	147.61	40.52	9	41.23	34.20	25.04	0.171	0.268	0.494
8	18.12	24926	106.08	0.036	147.21	61.61	4	20.33	17.73	16.67	0.128	0.060	0.731
9	20.26	34840	122.27	0.041	159.69	30.74	3	28.25	18.14	16.76	0.358	0.076	0.907
10	24.32	60266	123.25	0.042	173.88	49.65	10	30.03	25.15	19.77	0.163	0.214	0.527
11	20.88	38124	133.61	0.045	198.77	51.49	2	22.68	20.59	19.02	0.092	0.076	0.593
12	15.20	14699	138.57	0.047	143.82	31.31	3	17.08	15.70	13.30	0.081	0.153	0.394
13	35.67	190057	142.85	0.048	191.32	32.56	15	51.97	31.89	29.02	0.386	0.090	0.906
14	41.27	294421	145.44	0.049	219.18	33.27	30	65.49	40.00	31.83	0.389	0.204	0.821
15	28.28	94762	152.79	0.051	204.16	64.15	5	52.17	23.74	19.95	0.545	0.160	0.929
16	27.66	88664	155.25	0.052	167.00	35.26	7	33.65	27.69	24.22	0.177	0.125	0.670
17	15.72	16262	156.52	0.053	187.24	48.50	1	17.80	16.22	13.95	0.089	0.140	0.440
18	38.07	231184	163.17	0.055	223.49	49.19	22	45.26	41.30	31.54	0.087	0.236	0.325
19	15.16	14605	163.57	0.055	177.83	63.35	0	17.09	15.71	13.01	0.081	0.172	0.369
20	31.47	130572	173.99	0.059	145.23	43.86	10	45.88	32.51	23.44	0.291	0.279	0.674
21	16.15	17639	176.36	0.060	190.82	55.01	3	18.83	15.89	14.94	0.156	0.060	0.777
22	20.33	35215	176.73	0.060	182.88	41.17	4	24.86	20.49	16.69	0.176	0.185	0.584
23	45.61	397566	183.06	0.062	154.50	61.37	19	64.91	43.46	43.16	0.330	0.007	0.989
24	21.80	43378	194.26	0.066	173.38	48.64	5	28.71	21.41	17.51	0.254	0.182	0.707
25	20.30	35059	195.00	0.066	181.13	31.13	0	22.29	21.54	18.81	0.034	0.127	0.230
26	25.12	66365	195.48	0.066	226.80	63.23	1	31.38	24.64	21.82	0.215	0.114	0.742
27	41.62	301990	196.35	0.066	154.56	32.64	20	62.81	39.24	34.61	0.375	0.118	0.876
28	16.72	19578	204.38	0.069	227.98	52.33	1	18.87	17.09	14.86	0.094	0.130	0.473
29	23.56	54793	206.13	0.070	160.56	46.78	0	29.45	22.18	20.44	0.247	0.078	0.835
30	21.67	42596	209.53	0.071	228.02	41.54	2	30.66	19.27	18.33	0.371	0.049	0.941
31	17.15	21141	217.91	0.074	179.00	37.66	0	20.18	17.05	14.91	0.155	0.126	0.630

Table 1—Continued

Void #	Radius ^a (h^{-1} Mpc)	Volume (h^{-3} Mpc ³)	Distance (h^{-1} Mpc)	Redshift (z)	α (deg)	δ (deg)	Field Gal. (#)	a^b (h^{-1} Mpc)	b^b (h^{-1} Mpc)	c^b (h^{-1} Mpc)	ϵ_1^c	ϵ_2^c	T^d
32	43.24	338613	218.02	0.074	196.62	33.84	25	56.31	42.90	39.65	0.238	0.076	0.832
33	14.78	13510	218.29	0.074	198.38	64.50	0	16.47	15.11	12.76	0.083	0.156	0.396
34	35.02	179830	220.11	0.075	194.02	52.39	18	46.98	32.68	30.54	0.304	0.065	0.894
35	18.85	28053	220.75	0.075	217.49	39.33	1	21.48	19.97	16.96	0.070	0.151	0.360
36	29.30	105333	225.70	0.076	218.09	30.68	1	43.38	28.01	21.54	0.354	0.231	0.774
37	16.47	18702	227.61	0.077	163.82	36.25	1	19.54	16.10	13.79	0.176	0.143	0.640
38	21.56	42002	235.44	0.080	213.38	45.90	1	29.07	19.77	18.23	0.320	0.078	0.886
39	16.70	19515	237.13	0.080	141.07	32.77	3	18.38	16.97	14.76	0.077	0.130	0.415
40	28.73	99360	240.58	0.082	173.24	45.58	13	38.81	28.93	25.36	0.255	0.123	0.775
41	29.76	110431	241.50	0.082	143.15	62.93	7	35.89	30.39	26.25	0.153	0.136	0.609
42	26.34	76529	243.78	0.083	152.11	37.06	5	34.39	27.22	21.56	0.208	0.208	0.615
43	19.25	29898	246.16	0.084	196.18	59.50	1	21.88	19.26	18.22	0.120	0.054	0.734
44	25.86	72432	247.08	0.084	161.35	51.43	4	36.51	25.17	20.89	0.311	0.170	0.780
45	19.92	33088	247.16	0.084	222.63	38.60	3	27.97	18.77	15.95	0.329	0.150	0.815
46	28.45	96483	247.57	0.084	141.34	43.61	19	35.26	27.96	24.71	0.207	0.116	0.729
47	13.60	10539	248.62	0.084	202.97	64.55	2	14.92	12.79	12.43	0.143	0.028	0.867
48	23.65	55387	249.64	0.085	191.55	41.85	10	29.75	25.44	19.47	0.145	0.235	0.470
49	22.09	45160	252.58	0.086	229.11	44.46	2	29.36	19.81	18.38	0.325	0.072	0.896
50	28.39	95857	258.28	0.088	146.24	55.45	9	38.79	29.67	22.61	0.235	0.238	0.628
51	31.04	125287	258.45	0.088	205.99	39.06	15	37.81	32.86	25.81	0.131	0.215	0.458
52	19.83	32651	258.58	0.088	176.45	55.09	3	25.70	19.14	17.19	0.255	0.102	0.806
53	19.50	31055	259.98	0.088	194.84	49.61	3	22.43	18.48	17.54	0.176	0.051	0.827
54	32.63	145584	261.77	0.089	180.61	63.61	17	47.47	29.03	28.76	0.388	0.009	0.989
55	19.47	30930	268.11	0.091	186.00	46.27	5	24.73	20.04	15.81	0.190	0.211	0.581
56	45.40	391937	268.19	0.091	224.46	61.72	27	61.34	42.42	39.38	0.308	0.072	0.888
57	52.05	590564	269.07	0.091	174.46	33.97	36	75.17	55.46	40.44	0.262	0.271	0.641
58	18.34	25833	270.63	0.092	229.29	37.26	5	21.86	18.64	16.59	0.147	0.110	0.644
59	24.31	60204	271.88	0.092	151.81	45.57	5	27.20	24.48	23.70	0.100	0.032	0.789
60	20.82	37780	274.07	0.093	219.04	39.77	3	27.86	19.89	16.91	0.286	0.150	0.776
61	22.39	47037	274.80	0.093	228.94	50.40	6	27.73	21.11	19.82	0.239	0.061	0.860
62	22.16	45598	276.30	0.094	141.07	35.34	4	26.82	22.25	18.78	0.170	0.156	0.612

Table 1—Continued

Void #	Radius ^a (h^{-1} Mpc)	Volume (h^{-3} Mpc ³)	Distance (h^{-1} Mpc)	Redshift (z)	α (deg)	δ (deg)	Field Gal. (#)	a^b (h^{-1} Mpc)	b^b (h^{-1} Mpc)	c^b (h^{-1} Mpc)	ϵ_1^c	ϵ_2^c	T^d
63	18.40	26083	277.00	0.094	187.72	53.94	0	21.07	19.78	15.90	0.061	0.196	0.276
64	33.81	161878	277.09	0.094	212.35	30.80	10	38.89	34.45	30.13	0.114	0.125	0.539
65	22.39	47037	280.22	0.095	147.53	30.74	5	26.24	24.07	18.91	0.083	0.214	0.330
66	15.96	17013	280.50	0.096	204.47	64.27	3	18.35	15.84	14.25	0.137	0.100	0.642
67	23.75	56138	281.81	0.096	224.85	31.22	2	25.80	24.51	21.78	0.050	0.111	0.339
68	36.71	207258	281.96	0.096	212.11	50.79	19	51.66	34.70	30.67	0.328	0.116	0.848
69	30.04	113590	290.28	0.099	165.11	45.83	12	35.66	30.79	27.00	0.137	0.123	0.596
70	19.75	32275	292.27	0.100	224.45	44.33	6	23.14	18.91	18.35	0.183	0.030	0.895
71	19.62	31618	294.68	0.100	177.90	52.59	4	24.63	18.90	16.80	0.233	0.111	0.769
72	17.83	23737	294.98	0.101	195.67	54.01	1	20.77	17.51	16.58	0.157	0.053	0.797
73	24.18	59234	295.49	0.101	150.60	38.86	1	28.01	25.55	20.35	0.088	0.204	0.356
74	26.48	77811	301.60	0.103	199.28	47.99	8	36.07	27.02	21.41	0.251	0.208	0.678
75	14.68	13260	302.57	0.103	162.84	35.07	2	17.21	15.23	13.30	0.115	0.127	0.538
76	16.09	17451	306.69	0.105	229.84	34.31	0	16.52	15.59	15.39	0.056	0.013	0.828
77	16.03	17263	310.79	0.106	228.36	50.57	1	19.20	14.81	14.63	0.229	0.012	0.966
78	21.91	44066	312.48	0.107	141.61	32.39	0	26.97	22.79	17.23	0.155	0.244	0.483
79	25.52	69617	314.69	0.107	229.31	40.55	8	30.52	26.06	21.16	0.146	0.188	0.522
80	15.24	14824	314.72	0.107	149.15	30.38	0	17.49	14.80	13.81	0.154	0.067	0.754
81	28.31	95075	315.96	0.108	157.14	30.86	7	39.46	27.28	23.23	0.309	0.148	0.799
82	41.52	299769	316.48	0.108	150.49	52.58	44	62.84	45.27	29.12	0.280	0.357	0.613
83	44.87	378301	316.73	0.108	161.57	61.71	24	68.16	45.67	35.43	0.330	0.224	0.755
84	14.66	13198	318.44	0.109	200.06	64.45	3	17.24	15.04	12.44	0.128	0.173	0.498
85	20.61	36685	318.94	0.109	223.01	30.28	3	24.15	20.25	18.66	0.161	0.079	0.737
86	16.81	19890	321.19	0.110	174.14	44.61	0	18.70	17.19	14.95	0.081	0.130	0.429
87	28.63	98265	321.86	0.110	184.13	50.64	4	34.03	32.21	23.29	0.053	0.277	0.196
88	39.63	260676	322.87	0.110	145.97	43.70	23	63.33	35.36	30.87	0.442	0.127	0.903
89	15.96	17013	323.26	0.110	168.58	33.71	1	18.61	14.70	14.18	0.210	0.035	0.897
90	59.90	900216	324.62	0.111	190.46	33.97	55	79.50	68.55	45.12	0.138	0.342	0.378
91	27.04	82815	326.84	0.112	208.84	59.50	5	32.93	29.43	22.62	0.106	0.231	0.381
92	14.56	12916	327.51	0.112	229.38	47.69	1	16.98	14.73	12.21	0.133	0.171	0.512
93	21.64	42440	328.06	0.112	220.42	52.01	5	27.31	21.22	18.02	0.223	0.151	0.702

Table 1—Continued

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94	26.12	74621	328.07	0.112	176.40	54.77	6	34.15	28.99	20.53	0.151	0.292	0.437
95	35.44	186460	328.74	0.112	141.30	63.79	5	66.19	31.46	24.03	0.525	0.236	0.892
96	21.83	43565	328.82	0.112	150.12	34.93	4	29.15	20.85	19.55	0.285	0.062	0.888
97	23.39	53573	329.37	0.113	161.70	36.98	7	31.62	22.49	19.30	0.289	0.142	0.787
98	41.48	298925	330.36	0.113	218.77	39.08	40	51.97	46.06	33.53	0.114	0.272	0.367
99	25.07	66021	331.04	0.113	191.99	59.44	3	30.97	25.43	21.01	0.179	0.174	0.604
100	32.76	147273	331.39	0.113	205.05	42.63	9	44.06	33.49	26.30	0.240	0.215	0.656
101	13.16	9538	333.35	0.114	156.88	45.86	0	15.32	13.08	11.82	0.146	0.096	0.670
102	21.15	39656	335.79	0.115	204.67	50.31	5	30.48	19.05	17.84	0.375	0.064	0.927
103	25.27	67616	336.22	0.115	173.93	31.81	6	35.64	24.63	20.01	0.309	0.188	0.763
104	14.69	13291	337.84	0.116	203.12	54.64	2	15.97	15.38	12.21	0.037	0.206	0.175
105	26.61	78906	342.12	0.117	162.94	43.84	5	42.19	23.30	22.72	0.448	0.025	0.979
106	38.93	247196	343.31	0.117	227.36	60.55	19	55.83	36.80	32.77	0.341	0.110	0.863
107	20.11	34089	348.99	0.119	181.21	45.15	0	26.14	20.70	16.41	0.208	0.207	0.615
108	19.21	29679	351.01	0.120	176.67	37.94	1	22.00	20.50	17.20	0.068	0.161	0.339
109	26.85	81064	352.16	0.120	174.82	60.93	3	36.97	26.16	22.74	0.292	0.131	0.803
110	21.54	41877	352.76	0.121	224.35	45.42	5	27.85	21.46	17.82	0.229	0.170	0.688
111	22.28	46318	355.46	0.122	229.34	38.17	2	29.79	20.46	18.62	0.313	0.090	0.867
112	28.62	98171	355.60	0.122	213.90	49.57	7	36.09	32.94	22.85	0.087	0.306	0.279
113	43.56	346119	357.21	0.122	210.12	32.12	18	49.57	48.24	41.24	0.027	0.145	0.172
114	14.22	12040	357.28	0.122	177.30	32.61	1	16.07	14.49	12.64	0.098	0.128	0.490
115	21.55	41939	358.13	0.123	148.60	30.54	2	32.40	19.19	16.99	0.408	0.115	0.895
116	28.40	95951	358.35	0.123	204.18	64.49	5	36.03	26.46	25.16	0.266	0.049	0.899
117	27.36	85787	358.37	0.123	141.73	35.78	3	39.59	26.75	21.73	0.324	0.188	0.778
118	21.21	39969	358.69	0.123	221.36	30.62	1	28.47	19.62	18.19	0.311	0.073	0.887
119	17.53	22580	362.40	0.124	159.45	39.13	1	20.73	16.99	16.22	0.180	0.045	0.847
120	25.00	65458	362.70	0.124	192.71	47.44	3	33.60	24.40	20.15	0.274	0.174	0.738
121	19.69	31962	363.26	0.124	223.51	52.63	1	22.32	20.24	17.65	0.093	0.128	0.474
122	24.56	62018	363.60	0.124	151.93	37.20	5	29.47	23.42	22.82	0.205	0.026	0.920
123	23.64	55325	365.52	0.125	159.55	50.69	5	30.06	23.75	19.69	0.210	0.171	0.658
124	19.06	29023	366.49	0.126	148.97	49.88	6	22.78	19.15	16.25	0.159	0.151	0.597

Table 1—Continued

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125	20.36	35340	366.96	0.126	141.01	50.74	5	25.87	20.55	16.77	0.206	0.184	0.636
126	17.25	21517	367.60	0.126	159.89	57.60	1	19.66	17.03	15.80	0.134	0.072	0.705
127	28.67	98672	367.81	0.126	169.21	53.88	4	35.77	28.35	24.75	0.207	0.127	0.713
128	21.91	44035	368.66	0.126	141.40	45.22	3	24.36	22.81	20.00	0.064	0.123	0.378
129	17.20	21329	368.78	0.126	199.56	58.56	1	23.12	15.74	14.69	0.319	0.067	0.900
130	23.93	57420	370.22	0.127	179.23	64.36	7	40.15	19.80	18.96	0.507	0.042	0.974
131	19.28	30023	370.49	0.127	204.78	46.84	7	22.31	21.04	15.97	0.057	0.241	0.227
132	21.19	39875	371.14	0.127	178.45	47.59	3	26.15	20.80	18.66	0.205	0.103	0.748
133	17.57	22736	372.62	0.128	141.01	59.24	1	20.51	16.40	16.00	0.200	0.024	0.921
134	22.49	47631	372.92	0.128	190.56	60.90	6	27.22	22.34	19.62	0.179	0.122	0.679
135	19.33	30274	374.36	0.128	228.18	47.28	4	22.95	19.28	16.58	0.160	0.140	0.615
136	13.72	10821	378.03	0.130	226.15	42.63	0	15.27	13.27	12.47	0.131	0.060	0.735
137	16.80	19859	379.32	0.130	177.65	30.38	0	19.30	17.12	14.62	0.113	0.146	0.500
138	40.75	283350	380.44	0.131	162.90	32.91	17	72.04	40.83	28.99	0.433	0.290	0.810
139	21.56	41970	380.51	0.131	180.40	40.55	7	31.27	20.18	16.97	0.355	0.159	0.827
140	23.55	54699	380.99	0.131	168.69	45.25	2	35.86	20.71	19.82	0.422	0.043	0.960
141	17.49	22392	382.93	0.131	217.99	61.80	0	20.15	17.91	16.24	0.111	0.093	0.599
142	19.66	31806	383.86	0.132	212.36	42.07	0	23.22	20.02	17.95	0.138	0.103	0.638
143	34.22	167883	384.27	0.132	168.29	38.73	18	55.31	33.48	24.08	0.395	0.281	0.782
144	52.21	596037	386.28	0.133	196.74	37.85	36	68.01	57.02	43.91	0.162	0.230	0.509
145	21.23	40063	387.56	0.133	151.06	57.83	2	27.25	20.80	18.16	0.237	0.127	0.751
146	44.16	360787	388.57	0.133	193.38	53.12	29	62.58	50.27	34.69	0.197	0.310	0.512
147	28.58	97796	389.63	0.134	152.61	45.83	6	37.89	28.58	24.46	0.246	0.144	0.739
148	18.86	28116	389.85	0.134	176.34	37.09	0	23.36	18.36	16.04	0.214	0.126	0.723
149	21.21	39969	390.63	0.134	229.24	36.70	2	25.76	19.97	19.38	0.225	0.030	0.919
150	16.96	20422	391.16	0.134	166.16	64.15	2	20.78	17.67	14.68	0.150	0.169	0.553
151	16.66	19359	391.36	0.134	168.60	48.71	2	20.34	16.66	14.26	0.181	0.144	0.647
152	15.76	16388	392.12	0.135	140.70	32.10	0	19.39	15.28	14.03	0.212	0.082	0.795
153	15.32	15074	392.14	0.135	149.02	53.05	3	17.81	15.11	13.35	0.152	0.116	0.640
154	32.33	141518	393.23	0.135	146.57	40.27	8	49.80	28.63	28.58	0.425	0.002	0.998
155	14.93	13948	393.91	0.135	220.34	49.00	2	18.78	14.94	12.88	0.204	0.138	0.693

Table 1—Continued

Void #	Radius ^a (h^{-1} Mpc)	Volume (h^{-3} Mpc ³)	Distance (h^{-1} Mpc)	Redshift (z)	α (deg)	δ (deg)	Field Gal. (#)	a^b (h^{-1} Mpc)	b^b (h^{-1} Mpc)	c^b (h^{-1} Mpc)	ϵ_1^c	ϵ_2^c	T^d
156	22.29	46411	396.26	0.136	207.77	59.88	3	30.27	21.09	19.13	0.303	0.093	0.857
157	15.39	15262	396.36	0.136	173.70	50.00	1	18.49	15.04	12.73	0.187	0.154	0.643
158	31.22	127507	396.45	0.136	226.15	57.61	8	41.46	33.95	24.29	0.181	0.285	0.502
159	22.70	49007	397.03	0.136	228.99	50.49	2	32.24	19.88	18.91	0.383	0.049	0.945
160	25.06	65896	398.50	0.137	141.44	54.13	3	29.56	27.26	21.21	0.078	0.222	0.308
161	17.81	23643	399.57	0.137	153.20	30.43	2	22.16	17.63	15.02	0.204	0.148	0.679
162	20.93	38405	400.78	0.138	150.96	34.48	2	29.53	22.04	15.96	0.254	0.276	0.626
163	31.37	129321	400.94	0.138	187.84	44.94	10	45.37	31.51	24.78	0.305	0.214	0.738
164	14.47	12697	401.08	0.138	147.54	30.45	2	16.74	14.92	12.66	0.109	0.151	0.480
165	23.03	51165	401.63	0.138	209.30	46.29	2	26.74	23.23	21.28	0.131	0.084	0.669
166	24.72	63300	404.79	0.139	183.24	31.36	5	35.90	21.86	21.00	0.391	0.039	0.957
167	36.60	205319	405.19	0.139	221.54	31.18	7	65.28	35.55	28.10	0.455	0.210	0.863
168	13.38	10039	405.49	0.139	179.02	43.85	1	14.78	13.26	12.50	0.103	0.057	0.685
169	35.73	191120	407.85	0.140	183.35	59.39	17	59.75	31.49	28.24	0.473	0.103	0.930
170	18.21	25301	408.41	0.140	209.24	63.96	5	24.36	17.60	14.97	0.278	0.149	0.768
171	14.39	12478	409.81	0.141	147.92	44.15	0	16.21	14.54	12.61	0.103	0.133	0.495
172	27.89	90884	410.12	0.141	179.36	50.06	9	40.67	26.22	22.28	0.355	0.150	0.835
173	33.84	162316	411.20	0.141	223.70	43.58	13	41.40	39.45	28.18	0.047	0.286	0.171
174	27.20	84285	413.31	0.142	227.51	64.51	0	32.08	28.25	23.46	0.119	0.170	0.483
175	19.96	33307	413.34	0.142	185.16	53.19	2	23.40	19.97	18.00	0.147	0.099	0.665
176	18.57	26833	413.67	0.142	215.06	57.79	2	21.79	17.92	16.52	0.178	0.078	0.761
177	20.12	34120	413.70	0.142	159.84	43.01	3	22.45	21.20	17.70	0.056	0.165	0.286
178	27.12	83535	413.91	0.142	183.78	39.69	10	32.20	26.00	24.45	0.193	0.060	0.822
179	35.71	190776	414.98	0.143	213.89	52.05	22	47.37	39.12	29.52	0.174	0.245	0.520
180	17.08	20860	415.26	0.143	145.62	35.07	1	18.54	17.69	16.06	0.046	0.092	0.359
181	34.31	169165	416.69	0.143	143.64	64.28	6	43.75	35.37	28.53	0.192	0.193	0.603
182	29.31	105458	417.08	0.143	143.03	47.84	6	37.11	33.88	21.65	0.087	0.361	0.252
183	17.71	23268	418.06	0.144	141.88	57.64	1	19.34	19.16	15.07	0.009	0.213	0.047
184	23.81	56513	418.13	0.144	200.52	61.60	4	33.21	23.03	19.01	0.307	0.175	0.772
185	23.92	57326	418.31	0.144	163.68	63.25	5	32.75	22.08	19.71	0.326	0.107	0.855
186	21.63	42408	419.30	0.144	143.36	30.54	6	26.90	20.96	18.55	0.221	0.115	0.749

Table 1—Continued

Void #	Radius ^a (h^{-1} Mpc)	Volume (h^{-3} Mpc ³)	Distance (h^{-1} Mpc)	Redshift (z)	α (deg)	δ (deg)	Field Gal. (#)	a^b (h^{-1} Mpc)	b^b (h^{-1} Mpc)	c^b (h^{-1} Mpc)	ϵ_1^c	ϵ_2^c	T^d
187	26.63	79125	421.31	0.145	158.27	57.84	3	51.98	21.60	20.03	0.584	0.073	0.972
188	19.98	33432	422.37	0.145	228.19	37.62	4	25.86	19.42	16.55	0.249	0.148	0.739
189	21.19	39875	422.60	0.145	171.54	47.61	7	31.49	19.42	16.46	0.383	0.152	0.853
190	18.92	28366	422.69	0.145	169.70	51.81	2	21.19	20.01	17.28	0.056	0.136	0.323
191	17.30	21704	425.67	0.146	162.00	51.36	3	20.38	17.46	15.17	0.143	0.131	0.597
192	14.01	11509	426.18	0.147	140.48	43.78	0	15.10	14.46	13.03	0.042	0.099	0.325
193	31.10	125944	426.51	0.147	206.09	41.75	8	35.57	33.84	26.90	0.049	0.205	0.222
194	33.88	162879	428.57	0.147	199.89	45.98	19	55.17	34.40	23.04	0.376	0.330	0.740
195	19.81	32557	430.03	0.148	154.74	42.29	4	25.63	20.12	16.17	0.215	0.196	0.637
196	42.51	321693	431.22	0.148	172.85	33.36	29	56.20	42.19	39.02	0.249	0.075	0.843
197	30.12	114403	431.23	0.148	227.21	30.57	4	39.97	27.90	26.16	0.302	0.062	0.897
198	15.52	15668	431.73	0.149	225.14	34.68	1	19.52	15.49	13.24	0.206	0.145	0.686
199	24.45	61236	431.77	0.149	141.11	34.42	3	29.83	25.27	20.66	0.153	0.182	0.543
200	15.40	15293	432.06	0.149	172.17	40.73	1	17.83	15.87	13.85	0.110	0.127	0.524
201	16.36	18358	436.40	0.150	217.12	59.71	1	18.86	17.33	13.41	0.081	0.226	0.315
202	19.93	33151	436.67	0.150	220.08	42.76	10	23.78	19.68	18.26	0.172	0.072	0.768
203	23.58	54887	438.31	0.151	183.42	46.44	4	35.54	21.65	18.76	0.391	0.133	0.872
204	45.93	405760	442.77	0.153	195.17	30.54	25	68.32	47.50	34.28	0.305	0.278	0.690
205	13.59	10508	443.52	0.153	171.47	45.30	1	15.82	13.07	13.03	0.174	0.003	0.987
206	26.12	74621	443.62	0.153	151.13	32.03	5	35.73	24.11	23.05	0.325	0.044	0.933
207	20.61	36654	443.81	0.153	177.98	41.21	7	23.97	21.59	18.28	0.099	0.153	0.451
208	29.81	110994	444.70	0.153	228.87	49.12	12	42.02	29.74	24.84	0.292	0.165	0.767
209	17.43	22173	444.82	0.153	188.88	37.08	6	20.04	18.08	16.08	0.098	0.111	0.522
210	29.64	109086	445.40	0.153	192.00	64.10	14	35.70	29.43	25.92	0.176	0.119	0.678
211	32.80	147836	446.91	0.154	149.67	53.40	22	38.72	33.57	28.69	0.133	0.145	0.551
212	24.66	62800	446.97	0.154	166.52	48.63	7	28.44	26.76	21.16	0.059	0.209	0.257
213	24.15	59015	447.11	0.154	220.14	37.83	1	31.60	24.18	20.01	0.235	0.172	0.692
214	56.09	739307	447.78	0.154	213.01	32.68	47	78.94	58.57	50.57	0.258	0.137	0.762
215	18.32	25770	448.61	0.155	222.77	57.08	0	20.71	18.27	15.96	0.118	0.126	0.546
216	26.35	76592	448.73	0.155	161.30	45.24	8	30.77	29.22	23.10	0.050	0.209	0.225
217	26.18	75153	449.40	0.155	140.82	51.38	10	48.11	22.03	18.99	0.542	0.138	0.936

Table 1—Continued

Void #	Radius ^a (h^{-1} Mpc)	Volume (h^{-3} Mpc ³)	Distance (h^{-1} Mpc)	Redshift (z)	α (deg)	δ (deg)	Field Gal. (#)	a^b (h^{-1} Mpc)	b^b (h^{-1} Mpc)	c^b (h^{-1} Mpc)	ϵ_1^c	ϵ_2^c	T^d
218	14.03	11571	449.45	0.155	192.71	43.15	1	15.59	15.19	12.14	0.026	0.201	0.129
219	24.36	60548	452.55	0.156	146.69	36.97	3	29.70	28.76	18.85	0.032	0.345	0.104
220	44.45	367855	452.85	0.156	161.98	31.57	42	57.26	45.15	38.64	0.211	0.144	0.695
221	22.30	46443	455.26	0.157	207.35	51.76	2	34.76	20.46	16.77	0.411	0.180	0.852
222	25.27	67553	457.59	0.158	227.40	41.01	7	33.68	24.08	21.82	0.285	0.094	0.842
223	14.03	11571	457.72	0.158	174.98	35.35	1	15.75	14.15	12.73	0.102	0.100	0.556
224	28.79	99923	457.74	0.158	159.24	38.98	5	40.97	29.41	21.50	0.282	0.269	0.669
225	14.90	13854	457.96	0.158	183.02	58.71	2	18.15	13.89	13.41	0.235	0.035	0.912
226	44.57	370826	459.03	0.158	183.83	32.45	24	61.35	42.17	38.92	0.313	0.077	0.883
227	31.34	128915	459.85	0.159	157.72	57.65	24	43.90	33.78	23.59	0.231	0.302	0.574
228	36.02	195780	461.11	0.159	176.61	63.27	18	53.47	37.91	29.20	0.291	0.230	0.709
229	27.64	88445	461.67	0.159	179.69	45.65	9	41.62	24.93	22.65	0.401	0.091	0.911
230	28.48	96733	463.19	0.160	183.06	51.77	8	36.42	29.39	22.91	0.193	0.220	0.577
231	21.14	39562	463.98	0.160	229.73	32.87	1	26.50	19.92	18.90	0.248	0.051	0.885
232	30.92	123786	466.15	0.160	188.78	56.08	13	43.48	33.50	24.99	0.230	0.254	0.607

^aEquivalent spherical radius.

^b a , b and c are the sizes of the principal axes of the best fit ellipsoid computed using the method outlined in Jang-Condell & Hernquist (2001).

^c $\epsilon_1 \equiv 1 - b/a$ and $\epsilon_2 \equiv 1 - c/b$, thus for a spherical void $\epsilon_1 = \epsilon_2 = 0$, for an oblate void $\epsilon_1 = 0, \epsilon_2 > 0$, and for a prolate void $\epsilon_1 > 0, \epsilon_2 = 0$ (see Jang-Condell & Hernquist 2001).

^d $T \equiv \frac{a^2 - b^2}{a^2 - c^2}$, thus for a prolate void $T = 1$ and for an oblate void $T = 0$ (see Jang-Condell & Hernquist 2001).

Note. — The cosmological voids were identified using the void finding algorithm by Foster & Nelson (2007) in the volume defined by $140^\circ \leq \alpha \leq 230^\circ$ and $30^\circ \leq \delta \leq 65^\circ$ up to a redshift of 0.16. The galaxies selected were those whose absolute Petrosian magnitudes in the r band corresponded to $-22.0 \leq M_r \leq -20.5$. The cosmological parameters were chosen as follows: $\Omega_m = 0.28$, $\Omega_k = 0$, and $\Omega_\Lambda = 1 - \Omega_m - \Omega_k = 0.72$, according to Spergel et al. (2007).

Table 2. The best fitting ellipsoids of cosmological voids in the SDSS.

Void #	a	$V_{a,x}^a$	$V_{a,y}^b$	$V_{a,z}^c$	ϕ^d
	b	$V_{b,x}^a$	$V_{b,y}^b$	$V_{b,z}^c$	
	c	$V_{c,x}^a$	$V_{c,y}^b$	$V_{c,z}^c$	
	(h^{-1} Mpc)	(h^{-1} Mpc)	(h^{-1} Mpc)	(h^{-1} Mpc)	(deg)
1	15.49	-0.036	-0.715	0.699	38
	13.98	0.077	0.695	0.715	
	13.01	0.996	-0.079	-0.030	
2	17.41	0.197	-0.865	0.462	50
	13.02	-0.183	0.430	0.884	
	12.06	0.963	0.259	0.073	
3	22.99	0.002	-0.271	0.963	33
	16.18	-0.009	0.963	0.271	
	13.29	1.000	0.009	0.001	
4	23.00	0.271	-0.324	0.906	68
	18.94	0.887	0.449	-0.105	
	15.73	-0.373	0.833	0.409	
5	19.17	0.487	-0.801	0.347	86
	17.11	0.664	0.082	-0.743	
	15.47	-0.567	-0.592	-0.572	
6	25.02	0.529	-0.703	0.474	67
	19.01	0.846	0.476	-0.239	
	16.48	-0.058	0.528	0.847	
7	41.23	0.075	-0.204	0.976	59
	34.20	0.595	-0.776	-0.208	
	25.04	-0.800	-0.596	-0.063	
8	20.33	-0.391	-0.813	0.432	70
	17.73	0.448	0.242	0.861	
	16.67	0.804	-0.530	-0.269	
9	28.25	-0.573	-0.801	0.176	71
	18.14	-0.813	0.528	-0.246	
	16.76	0.104	-0.284	-0.953	
10	30.03	-0.028	-0.899	0.437	73
	25.15	-0.077	-0.434	-0.898	

Table 2—Continued

Void #	a	$V_{a,x}^a$	$V_{a,y}^b$	$V_{a,z}^c$	ϕ^d
	b	$V_{b,x}^a$	$V_{b,y}^b$	$V_{b,z}^c$	
	c	$V_{c,x}^a$	$V_{c,y}^b$	$V_{c,z}^c$	
	(h^{-1} Mpc)	(h^{-1} Mpc)	(h^{-1} Mpc)	(h^{-1} Mpc)	(deg)
	19.77	-0.997	0.058	0.057	
11	22.68	0.571	-0.638	0.517	78
	20.59	-0.645	0.042	0.763	
	19.02	0.509	0.769	0.387	
12	17.08	0.236	-0.743	0.627	77
	15.70	0.877	0.441	0.193	
	13.30	0.419	-0.504	-0.755	
13	51.97	-0.485	-0.606	0.631	32
	31.89	0.453	0.443	0.773	
	29.02	0.748	-0.661	-0.060	
14	65.49	0.101	0.863	0.494	75
	40.00	-0.995	0.096	0.036	
	31.83	-0.016	-0.495	0.869	
15	52.17	-0.040	0.451	0.892	42
	23.74	-0.997	-0.083	-0.003	
	19.95	0.072	-0.889	0.452	
16	33.65	0.296	-0.657	0.694	87
	27.69	0.949	0.286	-0.134	
	24.22	-0.111	0.698	0.708	
17	17.80	0.349	0.502	0.791	71
	16.22	0.814	0.256	-0.521	
	13.95	0.464	-0.826	0.319	
18	45.26	-0.546	-0.826	0.139	42
	41.30	-0.722	0.380	-0.578	
	31.54	0.424	-0.416	-0.804	
19	17.09	-0.207	-0.237	-0.949	40
	15.71	-0.969	-0.088	0.233	
	13.01	0.139	-0.967	0.212	
20	45.88	0.206	-0.539	0.816	77

Table 2—Continued

Void #	a	$V_{a,x}^a$	$V_{a,y}^b$	$V_{a,z}^c$	ϕ^d
	b	$V_{b,x}^a$	$V_{b,y}^b$	$V_{b,z}^c$	
	c	$V_{c,x}^a$	$V_{c,y}^b$	$V_{c,z}^c$	
	(h^{-1} Mpc)	(h^{-1} Mpc)	(h^{-1} Mpc)	(h^{-1} Mpc)	(deg)
	32.51	-0.965	-0.249	0.080	
	23.44	0.160	-0.804	-0.572	
21	18.83	0.629	-0.701	0.335	89
	15.89	0.472	0.002	-0.882	
	14.94	-0.618	-0.713	-0.332	
22	24.86	0.170	-0.403	0.899	61
	20.49	-0.567	0.706	0.424	
	16.69	0.806	0.582	0.108	
23	64.91	0.331	-0.364	0.871	56
	43.46	-0.590	0.640	0.492	
	43.16	0.737	0.676	0.003	
24	28.71	0.129	-0.328	0.936	53
	21.41	0.470	-0.811	-0.349	
	17.51	-0.873	-0.485	-0.050	
25	22.29	-0.092	-0.815	-0.573	78
	21.54	-0.991	0.130	-0.027	
	18.81	-0.097	-0.565	0.819	
26	31.38	0.145	-0.659	0.738	33
	24.64	0.253	-0.697	-0.671	
	21.82	-0.957	-0.284	-0.065	
27	62.81	-0.965	0.212	-0.151	43
	39.24	-0.260	-0.746	0.614	
	34.61	0.017	0.632	0.775	
28	18.87	-0.194	0.869	-0.456	47
	17.09	-0.955	-0.274	-0.116	
	14.86	0.225	-0.413	-0.882	
29	29.45	-0.435	-0.505	0.746	44
	22.18	-0.810	0.582	-0.078	
	20.44	-0.394	-0.638	-0.662	

Table 2—Continued

Void #	a	$V_{a,x}^a$	$V_{a,y}^b$	$V_{a,z}^c$	ϕ^d
	b	$V_{b,x}^a$	$V_{b,y}^b$	$V_{b,z}^c$	
	c	$V_{c,x}^a$	$V_{c,y}^b$	$V_{c,z}^c$	
	(h^{-1} Mpc)	(h^{-1} Mpc)	(h^{-1} Mpc)	(h^{-1} Mpc)	(deg)
30	30.66	-0.056	0.506	0.861	71
	19.27	0.995	0.104	0.004	
	18.33	-0.087	0.856	-0.509	
31	20.18	-0.534	0.805	0.258	53
	17.05	0.754	0.315	0.577	
	14.91	0.383	0.502	-0.775	
32	56.31	-0.237	0.970	0.055	89
	42.90	0.799	0.162	0.580	
	39.65	0.553	0.181	-0.813	
33	16.47	0.436	-0.290	0.852	50
	15.11	0.860	-0.146	-0.489	
	12.76	-0.266	-0.946	-0.186	
34	46.98	0.374	-0.923	0.090	89
	32.68	0.868	0.315	-0.384	
	30.54	0.327	0.222	0.919	
35	21.48	-0.995	-0.091	0.034	47
	19.97	0.087	-0.693	0.716	
	16.96	-0.042	0.716	0.697	
36	43.38	-0.490	-0.860	0.145	30
	28.01	0.749	-0.330	0.574	
	21.54	-0.446	0.390	0.806	
37	19.54	0.068	0.326	0.943	54
	16.10	-0.991	0.132	0.026	
	13.79	-0.116	-0.936	0.332	
38	29.07	-0.417	-0.655	0.630	18
	19.77	0.412	0.482	0.773	
	18.23	0.811	-0.582	-0.069	
39	18.38	0.055	-0.615	0.786	86
	16.97	0.888	-0.329	-0.320	

Table 2—Continued

Void #	a	$V_{a,x}^a$	$V_{a,y}^b$	$V_{a,z}^c$	ϕ^d
	b	$V_{b,x}^a$	$V_{b,y}^b$	$V_{b,z}^c$	
	c	$V_{c,x}^a$	$V_{c,y}^b$	$V_{c,z}^c$	
	(h^{-1} Mpc)	(h^{-1} Mpc)	(h^{-1} Mpc)	(h^{-1} Mpc)	(deg)
	14.76	-0.456	-0.716	-0.528	
40	38.81	0.044	-0.989	0.141	89
	28.93	0.098	-0.136	-0.986	
	25.36	-0.994	-0.058	-0.091	
41	35.89	-0.118	0.482	0.868	18
	30.39	-0.988	-0.148	-0.053	
	26.25	0.103	-0.863	0.494	
42	34.39	0.298	-0.912	0.280	67
	27.22	0.910	0.183	-0.372	
	21.56	0.289	0.366	0.885	
43	21.88	-0.338	-0.703	0.626	36
	19.26	0.451	0.464	0.763	
	18.22	0.826	-0.540	-0.160	
44	36.51	0.015	0.734	0.679	48
	25.17	-1.000	0.016	0.005	
	20.89	-0.007	-0.679	0.734	
45	27.97	0.455	-0.469	0.757	62
	18.77	0.619	-0.445	-0.648	
	15.95	-0.640	-0.763	-0.087	
46	35.26	-0.052	-0.379	0.924	60
	27.96	0.180	0.906	0.382	
	24.71	0.982	-0.186	-0.021	
47	14.92	-0.340	-0.885	0.317	55
	12.79	0.940	-0.313	0.134	
	12.43	-0.019	0.344	0.939	
48	29.75	0.199	-0.962	-0.187	82
	25.44	-0.977	-0.209	0.033	
	19.47	0.071	-0.176	0.982	
49	29.36	-0.172	-0.785	0.595	22

Table 2—Continued

Void #	a	$V_{a,x}^a$	$V_{a,y}^b$	$V_{a,z}^c$	ϕ^d
	b	$V_{b,x}^a$	$V_{b,y}^b$	$V_{b,z}^c$	
	c	$V_{c,x}^a$	$V_{c,y}^b$	$V_{c,z}^c$	
	(h^{-1} Mpc)	(h^{-1} Mpc)	(h^{-1} Mpc)	(h^{-1} Mpc)	(deg)
	19.81	0.167	0.572	0.803	
	18.38	0.971	-0.237	-0.033	
50	38.79	0.119	-0.701	0.703	72
	29.67	0.250	-0.664	-0.705	
	22.61	-0.961	-0.259	-0.096	
51	37.81	-0.745	-0.576	0.338	21
	32.86	-0.589	0.329	-0.738	
	25.81	0.314	-0.749	-0.584	
52	25.70	0.354	-0.575	0.737	67
	19.14	-0.498	0.552	0.669	
	17.19	0.792	0.604	0.091	
53	22.43	-0.440	-0.771	0.460	41
	18.48	-0.895	0.421	-0.148	
	17.54	-0.080	-0.477	-0.875	
54	47.47	-0.074	-0.988	0.137	80
	29.03	0.016	0.136	0.991	
	28.76	0.997	-0.075	-0.006	
55	24.73	-0.047	0.542	0.839	53
	20.04	-0.999	-0.050	-0.024	
	15.81	0.029	-0.839	0.543	
56	61.34	-0.041	-0.084	0.996	23
	42.42	0.484	0.870	0.093	
	39.38	0.874	-0.486	-0.005	
57	75.17	0.983	0.099	-0.154	27
	55.46	-0.180	0.368	-0.912	
	40.44	-0.033	0.925	0.379	
58	21.86	-0.297	-0.539	0.788	16
	18.64	-0.591	-0.545	-0.595	
	16.59	-0.750	0.642	0.156	

Table 2—Continued

Void #	a	$V_{a,x}^a$	$V_{a,y}^b$	$V_{a,z}^c$	ϕ^d
	b	$V_{b,x}^a$	$V_{b,y}^b$	$V_{b,z}^c$	
	c	$V_{c,x}^a$	$V_{c,y}^b$	$V_{c,z}^c$	
	(h^{-1} Mpc)	(h^{-1} Mpc)	(h^{-1} Mpc)	(h^{-1} Mpc)	(deg)
59	27.20	0.305	-0.315	0.899	69
	24.48	0.714	-0.549	-0.435	
	23.70	-0.630	-0.774	-0.058	
60	27.86	-0.527	-0.816	0.238	30
	19.89	-0.818	0.410	-0.405	
	16.91	0.233	-0.408	-0.883	
61	27.73	0.284	0.839	0.465	80
	21.11	-0.957	0.278	0.082	
	19.82	-0.061	-0.469	0.881	
62	26.82	-0.066	-0.497	0.865	73
	22.25	-0.206	-0.841	-0.500	
	18.78	-0.976	0.211	0.047	
63	21.07	0.339	-0.265	0.903	56
	19.78	0.900	-0.189	-0.393	
	15.90	-0.275	-0.945	-0.174	
64	38.89	0.991	-0.119	0.057	50
	34.45	0.127	0.737	-0.664	
	30.13	0.037	0.665	0.746	
65	26.24	-0.827	-0.542	0.150	64
	24.07	-0.493	0.569	-0.658	
	18.91	0.272	-0.618	-0.738	
66	18.35	0.100	-0.714	0.693	44
	15.84	-0.203	0.668	0.716	
	14.25	0.974	0.212	0.078	
67	25.80	0.593	-0.546	0.592	73
	24.51	-0.629	0.144	0.764	
	21.78	-0.502	-0.825	-0.258	
68	51.66	0.906	-0.312	0.285	80
	34.70	0.421	0.605	-0.676	

Table 2—Continued

Void #	a	$V_{a,x}^a$	$V_{a,y}^b$	$V_{a,z}^c$	ϕ^d
	b	$V_{b,x}^a$	$V_{b,y}^b$	$V_{b,z}^c$	
	c	$V_{c,x}^a$	$V_{c,y}^b$	$V_{c,z}^c$	
	(h^{-1} Mpc)	(h^{-1} Mpc)	(h^{-1} Mpc)	(h^{-1} Mpc)	(deg)
	30.67	0.038	0.732	0.680	
69	35.66	0.373	-0.776	0.509	88
	30.79	-0.577	0.235	0.782	
	27.00	0.727	0.585	0.360	
70	23.14	0.053	0.683	0.729	81
	18.91	-0.998	0.070	0.008	
	18.35	-0.045	-0.727	0.685	
71	24.63	0.282	-0.431	0.857	60
	18.90	0.891	0.449	-0.068	
	16.80	-0.355	0.783	0.511	
72	20.77	-0.425	-0.635	0.645	30
	17.51	-0.492	-0.436	-0.753	
	16.58	-0.760	0.638	0.128	
73	28.01	-0.770	0.609	-0.189	50
	25.55	0.553	0.491	-0.673	
	20.35	-0.318	-0.623	-0.715	
74	36.07	-0.134	-0.419	0.898	32
	27.02	-0.409	-0.802	-0.435	
	21.41	-0.903	0.425	0.064	
75	17.21	0.012	0.806	0.592	58
	15.23	-1.000	0.008	0.010	
	13.30	0.003	-0.592	0.806	
76	16.52	-0.569	-0.817	0.097	29
	15.59	-0.610	0.340	-0.716	
	15.39	-0.552	0.466	0.692	
77	19.20	0.288	0.736	0.612	89
	14.81	-0.935	0.354	0.015	
	14.63	-0.206	-0.577	0.791	
78	26.97	-0.217	-0.585	-0.781	54

Table 2—Continued

Void #	a	$V_{a,x}^a$	$V_{a,y}^b$	$V_{a,z}^c$	ϕ^d
	b	$V_{b,x}^a$	$V_{b,y}^b$	$V_{b,z}^c$	
	c	$V_{c,x}^a$	$V_{c,y}^b$	$V_{c,z}^c$	
	(h^{-1} Mpc)	(h^{-1} Mpc)	(h^{-1} Mpc)	(h^{-1} Mpc)	(deg)
	22.79	-0.855	-0.272	0.441	
	17.23	0.471	-0.764	0.441	
79	30.52	0.078	-0.169	0.983	45
	26.06	0.659	-0.731	-0.178	
	21.16	-0.748	-0.661	-0.054	
80	17.49	-0.588	0.789	0.179	28
	14.80	-0.714	-0.402	-0.573	
	13.81	-0.379	-0.465	0.800	
81	39.46	-0.514	-0.787	0.341	71
	27.28	-0.856	0.447	-0.260	
	23.23	0.052	-0.425	-0.903	
82	62.84	-0.998	0.041	-0.046	59
	45.27	0.060	0.473	-0.879	
	29.12	-0.014	-0.880	-0.474	
83	68.16	-0.026	-0.409	0.912	41
	45.67	-0.080	-0.909	-0.410	
	35.43	-0.996	0.084	0.009	
84	17.24	0.851	-0.514	-0.110	68
	15.04	-0.064	0.105	-0.992	
	12.44	-0.522	-0.851	-0.057	
85	24.15	0.398	-0.755	0.521	62
	20.25	0.916	0.356	-0.184	
	18.66	-0.047	0.551	0.833	
86	18.70	0.907	-0.421	0.022	48
	17.19	0.421	0.899	-0.122	
	14.95	0.032	0.120	0.992	
87	34.03	0.050	-0.408	0.912	46
	32.21	0.904	-0.370	-0.215	
	23.29	-0.425	-0.835	-0.350	

Table 2—Continued

Void #	a	$V_{a,x}^a$	$V_{a,y}^b$	$V_{a,z}^c$	ϕ^d
	b	$V_{b,x}^a$	$V_{b,y}^b$	$V_{b,z}^c$	
	c	$V_{c,x}^a$	$V_{c,y}^b$	$V_{c,z}^c$	
	(h^{-1} Mpc)	(h^{-1} Mpc)	(h^{-1} Mpc)	(h^{-1} Mpc)	(deg)
88	63.33	-0.340	-0.800	0.494	77
	35.36	0.932	-0.357	0.062	
	30.87	0.126	0.481	0.867	
89	18.61	-0.162	-0.633	0.756	63
	14.70	0.223	0.723	0.653	
	14.18	0.961	-0.275	-0.024	
90	79.50	-0.673	0.735	-0.087	67
	68.55	-0.713	-0.611	0.344	
	45.12	0.199	0.294	0.935	
91	32.93	0.779	-0.569	0.262	88
	29.43	-0.533	-0.383	0.754	
	22.62	-0.329	-0.727	-0.602	
92	16.98	-0.294	-0.427	0.855	11
	14.73	-0.931	0.329	-0.156	
	12.21	-0.214	-0.842	-0.495	
93	27.31	-0.042	-0.894	0.446	43
	21.22	-0.065	-0.443	-0.894	
	18.02	-0.997	0.067	0.040	
94	34.15	0.615	0.728	-0.304	54
	28.99	0.669	-0.277	0.690	
	20.53	0.418	-0.628	-0.657	
95	66.19	-0.053	-0.366	0.929	41
	31.46	-0.153	-0.917	-0.369	
	24.03	-0.987	0.162	0.007	
96	29.15	0.009	-0.973	0.232	74
	20.85	-0.007	0.232	0.973	
	19.55	1.000	0.010	0.005	
97	31.62	-0.394	-0.878	0.273	75
	22.49	0.906	-0.320	0.277	

Table 2—Continued

Void #	a	$V_{a,x}^a$	$V_{a,y}^b$	$V_{a,z}^c$	ϕ^d
	b	$V_{b,x}^a$	$V_{b,y}^b$	$V_{b,z}^c$	
	c	$V_{c,x}^a$	$V_{c,y}^b$	$V_{c,z}^c$	
	(h^{-1} Mpc)	(h^{-1} Mpc)	(h^{-1} Mpc)	(h^{-1} Mpc)	(deg)
	19.30	-0.156	0.356	0.921	
98	51.97	-0.340	-0.354	0.871	22
	46.06	0.884	0.197	0.424	
	33.53	0.322	-0.914	-0.246	
99	30.97	-0.312	-0.643	0.700	34
	25.43	0.570	0.463	0.679	
	21.01	0.760	-0.611	-0.222	
100	44.06	0.390	-0.647	0.655	67
	33.49	0.913	0.361	-0.187	
	26.30	-0.115	0.671	0.732	
101	15.32	0.555	-0.635	0.537	81
	13.08	-0.594	0.150	0.790	
	11.82	0.583	0.758	0.294	
102	30.48	0.086	-0.838	0.538	53
	19.05	0.069	-0.534	-0.843	
	17.84	-0.994	-0.110	-0.012	
103	35.64	0.009	-0.294	0.956	62
	24.63	-1.000	-0.024	0.002	
	20.01	0.023	-0.955	-0.295	
104	15.97	-0.032	0.642	0.766	60
	15.38	0.997	0.070	-0.018	
	12.21	0.066	-0.763	0.642	
105	42.19	0.258	-0.657	0.708	80
	23.30	-0.268	0.655	0.706	
	22.72	0.928	0.372	0.007	
106	55.83	-0.317	-0.502	0.805	8
	36.80	-0.500	-0.633	-0.591	
	32.77	-0.806	0.590	0.050	
107	26.14	-0.066	0.659	0.749	55

Table 2—Continued

Void #	a	$V_{a,x}^a$	$V_{a,y}^b$	$V_{a,z}^c$	ϕ^d
	b	$V_{b,x}^a$	$V_{b,y}^b$	$V_{b,z}^c$	
	c	$V_{c,x}^a$	$V_{c,y}^b$	$V_{c,z}^c$	
	(h^{-1} Mpc)	(h^{-1} Mpc)	(h^{-1} Mpc)	(h^{-1} Mpc)	(deg)
	20.70	-0.998	-0.062	-0.034	
	16.41	0.024	-0.749	0.662	
108	22.00	0.998	-0.046	0.034	39
	20.50	0.050	0.423	-0.905	
	17.20	0.028	0.905	0.425	
109	36.97	-0.193	0.934	0.300	66
	26.16	0.979	0.162	0.124	
	22.74	0.067	0.317	-0.946	
110	27.85	-0.222	-0.794	0.566	25
	21.46	-0.975	0.188	-0.119	
	17.82	-0.011	-0.578	-0.816	
111	29.79	0.274	-0.235	0.933	54
	20.46	0.755	-0.548	-0.359	
	18.62	-0.596	-0.802	-0.027	
112	36.09	0.641	0.698	-0.319	32
	32.94	0.528	-0.099	0.843	
	22.85	0.557	-0.709	-0.432	
113	49.57	-0.899	0.395	-0.187	66
	48.24	0.294	0.229	-0.928	
	41.24	-0.324	-0.889	-0.322	
114	16.07	-0.281	-0.502	0.818	48
	14.49	-0.713	-0.462	-0.528	
	12.64	-0.643	0.731	0.228	
115	32.40	-0.987	-0.107	0.117	42
	19.19	-0.159	0.626	-0.764	
	16.99	0.009	-0.773	-0.635	
116	36.03	-0.798	-0.471	0.376	42
	26.46	0.602	-0.581	0.547	
	25.16	-0.039	0.663	0.748	

Table 2—Continued

Void #	a	$V_{a,x}^a$	$V_{a,y}^b$	$V_{a,z}^c$	ϕ^d
	b	$V_{b,x}^a$	$V_{b,y}^b$	$V_{b,z}^c$	
	c	$V_{c,x}^a$	$V_{c,y}^b$	$V_{c,z}^c$	
	(h^{-1} Mpc)	(h^{-1} Mpc)	(h^{-1} Mpc)	(h^{-1} Mpc)	(deg)
117	39.59	0.582	-0.717	0.385	59
	26.75	-0.814	-0.513	0.273	
	21.73	0.002	-0.472	-0.881	
118	28.47	0.581	-0.718	0.383	76
	19.62	0.357	-0.198	-0.913	
	18.19	-0.732	-0.667	-0.141	
119	20.73	0.256	-0.718	0.647	88
	16.99	0.298	-0.578	-0.760	
	16.22	-0.919	-0.388	-0.066	
120	33.60	-0.679	-0.678	0.283	40
	24.40	-0.509	0.156	-0.847	
	20.15	-0.530	0.719	0.450	
121	22.32	0.037	0.573	0.819	66
	20.24	0.993	0.074	-0.097	
	17.65	0.116	-0.816	0.566	
122	29.47	-0.104	0.993	0.057	61
	23.42	0.985	0.095	0.143	
	22.82	0.137	0.071	-0.988	
123	30.06	0.062	0.580	0.812	43
	23.75	0.997	-0.070	-0.026	
	19.69	0.042	0.811	-0.583	
124	22.78	-0.484	-0.554	0.677	53
	19.15	0.859	-0.449	0.246	
	16.25	0.168	0.701	0.693	
125	25.87	0.269	-0.691	0.671	83
	20.55	-0.961	-0.238	0.140	
	16.77	0.063	-0.682	-0.728	
126	19.66	-0.233	-0.636	0.736	51
	17.03	0.964	-0.249	0.090	

Table 2—Continued

Void #	a	$V_{a,x}^a$	$V_{a,y}^b$	$V_{a,z}^c$	ϕ^d
	b	$V_{b,x}^a$	$V_{b,y}^b$	$V_{b,z}^c$	
	c	$V_{c,x}^a$	$V_{c,y}^b$	$V_{c,z}^c$	
	(h^{-1} Mpc)	(h^{-1} Mpc)	(h^{-1} Mpc)	(h^{-1} Mpc)	(deg)
	15.80	0.126	0.730	0.671	
127	35.77	0.080	-0.318	0.945	47
	28.35	0.324	-0.888	-0.327	
	24.75	-0.943	-0.332	-0.032	
128	24.36	0.567	0.797	-0.208	83
	22.81	0.694	-0.326	0.643	
	20.00	0.444	-0.509	-0.737	
129	23.12	0.229	-0.662	0.714	52
	15.74	-0.278	0.658	0.699	
	14.69	0.933	0.358	0.033	
130	40.15	0.188	0.772	0.607	61
	19.80	0.973	-0.230	-0.008	
	18.96	0.134	0.592	-0.795	
131	22.31	-0.715	0.696	-0.059	78
	21.04	0.651	0.634	-0.416	
	15.97	-0.253	-0.336	-0.907	
132	26.15	0.212	0.930	0.300	84
	20.80	-0.971	0.166	0.173	
	18.66	0.111	-0.328	0.938	
133	20.51	-0.179	-0.628	0.758	58
	16.40	-0.237	-0.720	-0.652	
	16.00	-0.955	0.296	0.019	
134	27.22	-0.295	-0.521	0.801	27
	22.34	0.577	0.571	0.584	
	19.62	0.761	-0.635	-0.132	
135	22.95	-0.329	-0.872	0.363	31
	19.28	-0.922	0.214	-0.322	
	16.58	0.203	-0.440	-0.875	
136	15.27	-0.115	0.989	0.091	66

Table 2—Continued

Void #	a	$V_{a,x}^a$	$V_{a,y}^b$	$V_{a,z}^c$	ϕ^d
	b	$V_{b,x}^a$	$V_{b,y}^b$	$V_{b,z}^c$	
	c	$V_{c,x}^a$	$V_{c,y}^b$	$V_{c,z}^c$	
	(h^{-1} Mpc)	(h^{-1} Mpc)	(h^{-1} Mpc)	(h^{-1} Mpc)	(deg)
	13.27	-0.945	-0.080	-0.317	
	12.47	-0.306	-0.122	0.944	
137	19.30	-0.038	-0.657	0.753	67
	17.12	0.120	0.745	0.656	
	14.62	0.992	-0.115	-0.050	
138	72.04	-0.517	-0.630	0.579	54
	40.83	-0.499	-0.327	-0.802	
	28.99	-0.695	0.704	0.146	
139	31.27	0.032	0.758	0.651	66
	20.18	0.999	-0.034	-0.008	
	16.97	0.016	0.651	-0.759	
140	35.86	-0.461	-0.834	0.305	65
	20.71	-0.882	0.468	-0.054	
	19.82	-0.098	-0.294	-0.951	
141	20.15	0.008	-0.428	0.904	23
	17.91	1.000	0.012	-0.004	
	16.24	-0.009	0.904	0.428	
142	23.22	0.126	0.944	0.304	75
	20.02	-0.986	0.084	0.147	
	17.95	0.113	-0.318	0.941	
143	55.31	0.092	0.405	0.910	55
	33.48	-0.984	0.175	0.022	
	24.08	-0.150	-0.897	0.415	
144	68.01	-0.929	-0.360	0.083	33
	57.02	0.361	-0.839	0.408	
	43.91	-0.078	0.409	0.909	
145	27.25	-0.290	-0.753	0.591	63
	20.80	-0.954	0.277	-0.117	
	18.16	-0.075	-0.597	-0.798	

Table 2—Continued

Void #	a	$V_{a,x}^a$	$V_{a,y}^b$	$V_{a,z}^c$	ϕ^d
	b	$V_{b,x}^a$	$V_{b,y}^b$	$V_{b,z}^c$	
	c	$V_{c,x}^a$	$V_{c,y}^b$	$V_{c,z}^c$	
	(h^{-1} Mpc)	(h^{-1} Mpc)	(h^{-1} Mpc)	(h^{-1} Mpc)	(deg)
146	62.58	0.724	0.648	-0.237	45
	50.27	0.645	-0.512	0.568	
	34.69	0.246	-0.564	-0.788	
147	37.89	-0.138	-0.486	0.863	56
	28.58	-0.334	-0.797	-0.502	
	24.46	-0.932	0.358	0.052	
148	23.36	0.094	0.526	0.846	62
	18.36	-0.991	0.128	0.030	
	16.04	-0.092	-0.841	0.533	
149	25.76	0.290	-0.376	0.880	52
	19.97	0.574	-0.668	-0.474	
	19.38	-0.766	-0.643	-0.022	
150	20.78	0.598	0.710	-0.373	59
	17.67	0.724	-0.278	0.631	
	14.68	0.344	-0.647	-0.680	
151	20.34	0.560	0.797	0.224	84
	16.66	0.710	-0.322	-0.626	
	14.26	-0.427	0.510	-0.747	
152	19.39	0.431	-0.850	0.304	54
	15.28	-0.895	-0.362	0.259	
	14.03	-0.110	-0.384	-0.917	
153	17.81	-0.447	-0.839	0.312	77
	15.11	0.612	-0.032	0.790	
	13.35	0.653	-0.544	-0.527	
154	49.80	-0.366	0.927	0.081	47
	28.63	-0.930	-0.367	-0.007	
	28.58	0.023	-0.078	0.997	
155	18.78	0.898	-0.253	0.360	85
	14.94	0.433	0.364	-0.825	

Table 2—Continued

Void #	a	$V_{a,x}^a$	$V_{a,y}^b$	$V_{a,z}^c$	ϕ^d
	b	$V_{b,x}^a$	$V_{b,y}^b$	$V_{b,z}^c$	
	c	$V_{c,x}^a$	$V_{c,y}^b$	$V_{c,z}^c$	
	(h^{-1} Mpc)	(h^{-1} Mpc)	(h^{-1} Mpc)	(h^{-1} Mpc)	(deg)
	12.88	0.077	0.896	0.436	
156	30.27	0.199	0.829	0.522	80
	21.09	-0.978	0.201	0.053	
	19.13	-0.061	-0.521	0.851	
157	18.49	-0.326	-0.681	0.656	48
	15.04	-0.529	-0.444	-0.723	
	12.73	-0.783	0.583	0.215	
158	41.46	0.305	-0.689	0.657	44
	33.95	0.952	0.211	-0.220	
	24.29	0.013	0.693	0.721	
159	32.24	-0.090	0.987	0.132	70
	19.88	-0.996	-0.086	-0.037	
	18.91	-0.026	-0.135	0.991	
160	29.56	0.587	-0.806	0.075	59
	27.26	-0.766	-0.522	0.376	
	21.21	-0.264	-0.278	-0.924	
161	22.16	0.353	-0.919	0.174	57
	17.63	0.818	0.213	-0.534	
	15.02	0.454	0.331	0.828	
162	29.53	-0.277	-0.851	0.447	83
	22.04	0.956	-0.195	0.222	
	15.96	-0.102	0.488	0.867	
163	45.37	0.333	-0.480	0.812	67
	31.51	-0.604	0.552	0.574	
	24.78	0.724	0.682	0.106	
164	16.74	0.095	-0.908	0.409	73
	14.92	0.302	-0.365	-0.881	
	12.66	-0.949	-0.207	-0.239	
165	26.74	-0.288	-0.889	0.356	42

Table 2—Continued

Void #	a	$V_{a,x}^a$	$V_{a,y}^b$	$V_{a,z}^c$	ϕ^d
	b	$V_{b,x}^a$	$V_{b,y}^b$	$V_{b,z}^c$	
	c	$V_{c,x}^a$	$V_{c,y}^b$	$V_{c,z}^c$	
	(h^{-1} Mpc)	(h^{-1} Mpc)	(h^{-1} Mpc)	(h^{-1} Mpc)	(deg)
	23.23	0.447	0.204	0.871	
	21.28	0.847	-0.410	-0.339	
166	35.90	0.264	0.413	0.872	77
	21.86	0.853	-0.521	-0.011	
	21.00	0.450	0.747	-0.490	
167	65.28	-0.310	-0.854	0.419	25
	35.55	0.253	0.351	0.902	
	28.10	0.916	-0.386	-0.107	
168	14.78	-0.725	-0.550	0.416	36
	13.26	0.667	-0.408	0.624	
	12.50	-0.173	0.729	0.662	
169	59.75	-0.703	-0.706	0.086	63
	31.49	0.331	-0.217	0.918	
	28.24	0.629	-0.674	-0.387	
170	24.36	-0.116	-0.715	0.689	35
	17.60	-0.178	-0.667	-0.723	
	14.97	-0.977	0.207	0.050	
171	16.21	-0.021	0.713	-0.701	78
	14.54	-0.884	-0.340	-0.320	
	12.61	0.466	-0.613	-0.638	
172	40.67	-0.224	-0.887	0.403	63
	26.22	-0.209	-0.360	-0.909	
	22.28	-0.952	0.288	0.105	
173	41.40	-0.009	0.214	-0.977	39
	39.45	-1.000	0.012	0.012	
	28.18	-0.015	-0.977	-0.214	
174	32.08	-0.209	-0.763	-0.611	75
	28.25	-0.858	0.444	-0.260	
	23.46	-0.470	-0.470	0.747	

Table 2—Continued

Void #	a	$V_{a,x}^a$	$V_{a,y}^b$	$V_{a,z}^c$	ϕ^d
	b	$V_{b,x}^a$	$V_{b,y}^b$	$V_{b,z}^c$	
	c	$V_{c,x}^a$	$V_{c,y}^b$	$V_{c,z}^c$	
	(h^{-1} Mpc)	(h^{-1} Mpc)	(h^{-1} Mpc)	(h^{-1} Mpc)	(deg)
175	23.40	0.340	-0.718	0.607	71
	19.97	0.504	-0.406	-0.763	
	18.00	-0.794	-0.565	-0.224	
176	21.79	-0.563	0.772	0.294	75
	17.92	-0.812	-0.450	-0.372	
	16.52	-0.155	-0.449	0.880	
177	22.45	-0.053	-0.683	-0.728	50
	21.20	-0.988	0.141	-0.059	
	17.70	-0.143	-0.717	0.683	
178	32.20	0.033	0.635	0.771	64
	26.00	0.999	-0.043	-0.008	
	24.45	0.028	0.771	-0.636	
179	47.37	0.089	-0.388	0.917	35
	39.12	-0.402	0.829	0.390	
	29.52	0.911	0.403	0.082	
180	18.54	-0.629	0.755	-0.183	48
	17.69	0.671	0.409	-0.619	
	16.06	-0.392	-0.512	-0.764	
181	43.75	-0.378	-0.850	0.367	75
	35.37	0.599	0.078	0.797	
	28.53	0.706	-0.521	-0.479	
182	37.11	0.607	0.782	-0.142	83
	33.88	0.626	-0.360	0.692	
	21.65	0.490	-0.509	-0.708	
183	19.34	0.986	0.166	-0.003	68
	19.16	-0.155	0.913	-0.378	
	15.07	-0.060	0.373	0.926	
184	33.21	-0.049	0.939	0.341	80
	23.03	-0.999	-0.040	-0.033	

Table 2—Continued

Void #	a	$V_{a,x}^a$	$V_{a,y}^b$	$V_{a,z}^c$	ϕ^d
	b	$V_{b,x}^a$	$V_{b,y}^b$	$V_{b,z}^c$	
	c	$V_{c,x}^a$	$V_{c,y}^b$	$V_{c,z}^c$	
	(h^{-1} Mpc)	(h^{-1} Mpc)	(h^{-1} Mpc)	(h^{-1} Mpc)	(deg)
	19.01	-0.017	-0.342	0.940	
185	32.75	0.513	-0.643	0.569	78
	22.08	-0.457	0.357	0.815	
	19.71	0.727	0.678	0.111	
186	26.90	0.424	-0.864	0.273	53
	20.96	0.881	0.324	-0.344	
	18.55	0.208	0.386	0.898	
187	51.98	0.151	-0.979	0.139	81
	21.60	0.052	-0.132	-0.990	
	20.03	-0.987	-0.157	-0.031	
188	25.86	-0.071	0.784	0.617	87
	19.42	-0.997	-0.066	-0.030	
	16.55	0.018	-0.618	0.786	
189	31.49	-0.120	-0.857	0.501	68
	19.42	0.116	0.490	0.864	
	16.46	0.986	-0.161	-0.041	
190	21.19	-0.195	0.699	-0.688	69
	20.01	-0.897	-0.411	-0.163	
	17.28	0.396	-0.585	-0.707	
191	20.38	0.077	-0.926	0.369	86
	17.46	0.179	-0.351	-0.919	
	15.17	-0.981	-0.138	-0.139	
192	15.10	0.290	-0.559	-0.777	17
	14.46	-0.691	0.440	-0.575	
	13.03	-0.663	-0.703	0.259	
193	35.57	-0.109	-0.591	0.799	36
	33.84	0.936	-0.332	-0.117	
	26.90	-0.334	-0.735	-0.590	
194	55.17	-0.404	-0.841	0.361	43

Table 2—Continued

Void #	a	$V_{a,x}^a$	$V_{a,y}^b$	$V_{a,z}^c$	ϕ^d
	b	$V_{b,x}^a$	$V_{b,y}^b$	$V_{b,z}^c$	
	c	$V_{c,x}^a$	$V_{c,y}^b$	$V_{c,z}^c$	
	(h^{-1} Mpc)	(h^{-1} Mpc)	(h^{-1} Mpc)	(h^{-1} Mpc)	(deg)
	34.40	0.909	-0.323	0.264	
	23.04	-0.105	0.435	0.894	
195	25.63	-0.077	0.060	0.995	42
	20.12	-0.774	-0.633	-0.022	
	16.17	0.629	-0.772	0.095	
196	56.20	-0.525	-0.546	0.653	42
	42.19	0.543	0.377	0.751	
	39.02	0.656	-0.748	-0.098	
197	39.97	0.208	0.902	0.377	60
	27.90	-0.978	0.202	0.056	
	26.16	-0.026	-0.381	0.924	
198	19.52	0.337	-0.524	0.782	56
	15.49	0.908	0.400	-0.123	
	13.24	-0.248	0.752	0.611	
199	29.83	0.950	-0.306	0.062	42
	25.27	0.308	0.886	-0.347	
	20.66	0.052	0.349	0.936	
200	17.83	0.973	0.216	-0.082	40
	15.87	-0.223	0.782	-0.582	
	13.85	-0.062	0.585	0.809	
201	18.86	0.390	0.917	0.080	68
	17.33	0.920	-0.392	0.013	
	13.41	-0.043	-0.069	0.997	
202	23.78	-0.059	-0.279	0.959	35
	19.68	0.261	0.923	0.284	
	18.26	0.964	-0.267	-0.018	
203	35.54	-0.076	0.591	0.803	52
	21.65	0.994	0.112	0.012	
	18.76	-0.083	0.799	-0.595	

Table 2—Continued

Void #	a	$V_{a,x}^a$	$V_{a,y}^b$	$V_{a,z}^c$	ϕ^d
	b	$V_{b,x}^a$	$V_{b,y}^b$	$V_{b,z}^c$	
	c	$V_{c,x}^a$	$V_{c,y}^b$	$V_{c,z}^c$	
	(h^{-1} Mpc)	(h^{-1} Mpc)	(h^{-1} Mpc)	(h^{-1} Mpc)	(deg)
204	68.32	-0.535	0.801	0.268	66
	47.50	0.792	0.365	0.489	
	34.28	0.294	0.474	-0.830	
205	15.82	-0.301	-0.826	0.477	62
	13.07	0.172	0.445	0.879	
	13.03	0.938	-0.347	-0.008	
206	35.73	-0.078	0.441	0.894	44
	24.11	-0.987	-0.164	-0.006	
	23.05	0.144	-0.882	0.448	
207	23.97	0.777	0.629	-0.036	53
	21.59	-0.628	0.767	-0.132	
	18.28	-0.055	0.124	0.991	
208	42.02	0.213	-0.710	0.671	40
	29.74	0.308	-0.603	-0.736	
	24.84	-0.927	-0.364	-0.090	
209	20.04	-0.217	-0.803	0.554	52
	18.08	0.485	0.404	0.775	
	16.08	0.847	-0.437	-0.302	
210	35.70	-0.977	-0.212	0.033	62
	29.43	0.214	-0.951	0.222	
	25.92	-0.016	0.224	0.975	
211	38.72	-0.151	0.839	0.522	41
	33.57	-0.987	-0.098	-0.129	
	28.69	-0.057	-0.535	0.843	
212	28.44	-0.655	-0.410	0.635	33
	26.76	-0.630	-0.167	-0.758	
	21.16	0.417	-0.897	-0.149	
213	31.60	0.096	-0.984	0.151	57
	24.18	0.286	-0.118	-0.951	

Table 2—Continued

Void #	a	$V_{a,x}^a$	$V_{a,y}^b$	$V_{a,z}^c$	ϕ^d
	b	$V_{b,x}^a$	$V_{b,y}^b$	$V_{b,z}^c$	
	c	$V_{c,x}^a$	$V_{c,y}^b$	$V_{c,z}^c$	
	(h^{-1} Mpc)	(h^{-1} Mpc)	(h^{-1} Mpc)	(h^{-1} Mpc)	(deg)
	20.01	-0.953	-0.134	-0.271	
214	78.94	0.910	-0.262	0.320	69
	58.57	0.409	0.463	-0.786	
	50.57	0.058	0.847	0.529	
215	20.71	-0.227	-0.806	0.547	32
	18.27	-0.972	0.149	-0.183	
	15.96	0.066	-0.573	-0.817	
216	30.77	0.488	-0.218	0.845	76
	29.22	0.831	-0.179	-0.526	
	23.10	-0.266	-0.959	-0.094	
217	48.11	0.037	-0.998	0.057	68
	22.03	0.046	-0.055	-0.997	
	18.99	-0.998	-0.039	-0.044	
218	15.59	-0.994	0.065	-0.086	50
	15.19	-0.092	-0.092	0.992	
	12.14	0.056	0.994	0.098	
219	29.70	0.005	0.310	0.951	45
	28.76	0.987	0.149	-0.054	
	18.85	0.158	-0.939	0.306	
220	57.26	0.172	0.886	0.431	71
	45.15	0.984	-0.133	-0.120	
	38.64	-0.049	0.445	-0.894	
221	34.76	0.214	-0.971	0.102	76
	20.46	0.348	-0.022	-0.937	
	16.77	-0.913	-0.236	-0.333	
222	33.68	0.133	-0.262	0.956	45
	24.08	-0.500	0.815	0.293	
	21.82	0.856	0.517	0.022	
223	15.75	-0.139	-0.770	0.623	65

Table 2—Continued

Void #	a	$V_{a,x}^a$	$V_{a,y}^b$	$V_{a,z}^c$	ϕ^d
	b	$V_{b,x}^a$	$V_{b,y}^b$	$V_{b,z}^c$	
	c	$V_{c,x}^a$	$V_{c,y}^b$	$V_{c,z}^c$	
	(h^{-1} Mpc)	(h^{-1} Mpc)	(h^{-1} Mpc)	(h^{-1} Mpc)	(deg)
	14.15	-0.990	0.100	-0.098	
	12.73	0.013	-0.630	-0.776	
224	40.97	-0.560	0.712	0.424	29
	29.41	-0.826	-0.434	-0.361	
	21.50	-0.072	-0.552	0.831	
225	18.15	-0.259	-0.942	0.214	69
	13.89	0.166	0.175	0.971	
	13.41	0.952	-0.287	-0.111	
226	61.35	0.102	-0.589	0.802	67
	42.17	-0.164	0.785	0.597	
	38.92	0.981	0.193	0.017	
227	43.90	-0.834	0.521	-0.182	68
	33.78	-0.535	-0.680	0.501	
	23.59	0.137	0.515	0.846	
228	53.47	0.262	-0.367	0.892	47
	37.91	0.890	0.450	-0.076	
	29.20	-0.373	0.814	0.445	
229	41.62	-0.573	-0.630	0.524	39
	24.93	0.417	0.327	0.848	
	22.65	0.706	-0.705	-0.075	
230	36.42	0.003	-0.863	0.506	64
	29.39	-1.000	-0.002	0.003	
	22.91	-0.001	-0.506	-0.863	
231	26.50	0.173	-0.427	0.887	48
	19.92	0.380	-0.802	-0.460	
	18.90	-0.909	-0.417	-0.023	
232	43.48	0.669	-0.626	0.401	89
	33.50	-0.697	-0.342	0.631	
	24.99	-0.258	-0.701	-0.664	

Table 2—Continued

Void #	a	$V_{a,x}$ ^a	$V_{a,y}$ ^b	$V_{a,z}$ ^c	ϕ ^d
	b	$V_{b,x}$ ^a	$V_{b,y}$ ^b	$V_{b,z}$ ^c	
	c	$V_{c,x}$ ^a	$V_{c,y}$ ^b	$V_{c,z}$ ^c	
	$(h^{-1}\text{Mpc})$	$(h^{-1}\text{Mpc})$	$(h^{-1}\text{Mpc})$	$(h^{-1}\text{Mpc})$	(deg)

^aThe $V_{a,i}$ is the i -component of the unit eigenvector along the semi-major axis.

^bThe $V_{b,i}$ is the i -component of the unit eigenvector along the semi-intermediate axis.

^cThe $V_{c,i}$ is the i -component of the unit eigenvector along the semi-minor axis.

^dAngle between the semi-major axis and the line-of-sight defined between $0^\circ \leq \phi \leq 90^\circ$ such that a value of $\phi = 0^\circ$ and $\phi = 90^\circ$ imply that the semi-major axis of the void is aligned with and perpendicular to the line-of-sight, respectively.

REFERENCES

Foster, C., & Nelson, L. A. 2007, submitted to ApJ

Jang-Condell, H., & Hernquist, L. 2001, ApJ, 548, 68

Spergel, D. N., Bean, R., Dor, O., Nolta, M. R., Bennett, C. L., Dunkley, J., Hinshaw, G., Jarosik, N., Komatsu, E., Page, L., Peiris, H. V., Verde, L., Halpern, M., Hill, R. S., Kogut, A., Limon, M., Meyer, S. S., Odegard, N., Tucker, G. S., Weiland, J. L., Wollack, E., & Wright, E. L. 2007, ApJ, in press