

Down-core distribution of water content and radionuclide activities in cores from OR499 and OR525 cruises

Depth (cm)	Mid-depth (cm)		Cumulative mass (g/cm <sup>2</sup> )	H <sub>2</sub> O (wt. %)	<sup>210</sup> Pb <sub>ex</sub> (dpm/g)	<sup>137</sup> Cs (dpm/g)	<sup>239,240</sup> Pu (dpm/kg)	<sup>214</sup> Pb (dpm/g)
499-13								
0-2	1	1	0.473 ± 0.473	61.45	3.407 ± 0.058	0.394 ± 0.024	29.744 ± 2.701	1.855 ± 0.065
2-3	2.5	0.5	1.300 ± 0.355	48.99	2.617 ± 0.040	0.332 ± 0.021	35.882 ± 3.168	1.922 ± 0.063
3-4	3.5	0.5	2.045 ± 0.391	45.62	2.089 ± 0.039	0.347 ± 0.021	31.703 ± 3.871	1.605 ± 0.057
4-5	4.5	0.5	2.829 ± 0.393	45.45	2.392 ± 0.042	0.361 ± 0.025	31.825 ± 2.381	1.760 ± 0.073
5-6	5.5	0.5	3.638 ± 0.415	43.49	2.498 ± 0.040	0.359 ± 0.022	33.267 ± 3.391	1.850 ± 0.065
6-7	6.5	0.5	4.460 ± 0.407	44.18	2.352 ± 0.039	0.424 ± 0.020	33.260 ± 3.022	2.067 ± 0.058
7-8	7.5	0.5	5.274 ± 0.406	44.28	2.425 ± 0.038	0.354 ± 0.023	41.133 ± 3.767	1.764 ± 0.063
8-9	8.5	0.5	6.106 ± 0.426	42.58	2.100 ± 0.036	0.428 ± 0.019	28.578 ± 2.499	1.863 ± 0.051
9-10	9.5	0.5	6.961 ± 0.429	42.35	2.096 ± 0.038	0.377 ± 0.022	37.423 ± 3.166	1.993 ± 0.068
10-12	11	1	8.240 ± 0.850	42.65	1.769 ± 0.030	0.362 ± 0.024	31.611 ± 2.965	1.862 ± 0.069
12-14	13	1	9.952 ± 0.862	42.15	1.701 ± 0.033	0.327 ± 0.020	38.824 ± 4.018	2.206 ± 0.068
14-16	15	1	11.711 ± 0.897	40.72	1.061 ± 0.024	0.251 ± 0.021	30.884 ± 3.346	1.860 ± 0.069
16-18	17	1	13.523 ± 0.916	39.94	0.745 ± 0.018	0.173 ± 0.014	21.150 ± 2.928	1.978 ± 0.053
18-20	19	1	15.351 ± 0.912	40.09	0.740 ± 0.017	0.164 ± 0.012	32.825 ± 4.249	1.913 ± 0.047
20-22	21	1	17.163 ± 0.900	40.59	0.838 ± 0.020	0.137 ± 0.012	23.766 ± 2.842	1.917 ± 0.048
22-24	23	1	18.951 ± 0.888	41.07	0.632 ± 0.015	0.128 ± 0.011	20.211 ± 3.688	1.983 ± 0.044
24-26	25	1	20.732 ± 0.893	40.87	0.474 ± 0.012	0.081 ± 0.011	9.264 ± 1.857	2.085 ± 0.050
26-28	27	1	22.501 ± 0.876	41.55		0.070 ± 0.009		1.861 ± 0.038
28-30	29	1	24.267 ± 0.889	41.02		0.061 ± 0.009		2.114 ± 0.045
30-32	31	1	26.032 ± 0.876	41.57		0.085 ± 0.011		2.121 ± 0.033
499-14								
0-2	1	1	0.563 ± 1.126		1.838 ± 0.089	0.272 ± 0.018	17.719 ± 1.807	1.913 ± 0.057

2-3	2.5	0.5	1.435 ± 0.617		0.283 ± 0.015		
3-4	3.5	0.5	2.077 ± 0.668		0.332 ± 0.022		
4-5	4.5	0.5	2.758 ± 0.695	3.145 ± 0.111	0.331 ± 0.023		1.725 ± 0.068
5-6	5.5	0.5	3.452 ± 0.694		0.388 ± 0.022		
6-7	6.5	0.5	4.158 ± 0.717	2.254 ± 0.093	0.417 ± 0.025	14.257 ± 1.254	1.918 ± 0.067
7-8	7.5	0.5	4.882 ± 0.731		0.418 ± 0.028		
8-9	8.5	0.5	5.617 ± 0.740		0.383 ± 0.024		
9-10	9.5	0.5	6.362 ± 0.750	2.274 ± 0.095	0.383 ± 0.021	27.810 ± 3.094	1.746 ± 0.060
10-12	11	1	7.501 ± 1.528		0.367 ± 0.020		
12-14	13	1	9.061 ± 1.591	2.380 ± 0.124	0.429 ± 0.024		2.103 ± 0.069
14-16	15	1	10.638 ± 1.564		0.447 ± 0.025		
16-18	17	1	12.205 ± 1.570		0.429 ± 0.026		
18-20	19	1	13.763 ± 1.546		0.469 ± 0.017		
20-22	21	1	15.323 ± 1.574		0.463 ± 0.026		
22-24	23	1	16.925 ± 1.631		0.455 ± 0.024		
24-26	25	1	18.620 ± 1.759	0.965 ± 0.098	0.453 ± 0.026	22.522 ± 2.351	2.351 ± 0.079
26-28	27	1	20.376 ± 1.753		0.385 ± 0.014		
28-30	29	1	22.113 ± 1.720	1.805 ± 0.119	0.484 ± 0.030		±
30-32	31	1	23.801 ± 1.656		0.450 ± 0.019		
32-34	33	1	25.217 ± 1.176	1.094 ± 0.093	0.475 ± 0.023	20.896 ± 1.434	2.352 ± 0.069
34-36	35	1	26.391 ± 1.172		0.464 ± 0.029		
36-38	37	1	27.654 ± 1.354	2.029 ± 0.091	0.424 ± 0.021		1.928 ± 0.053
38-40	39	1	28.990 ± 1.316		0.440 ± 0.025		
40-42	41	1	30.236 ± 1.175		0.533 ± 0.023	35.576 ± 2.921	
42-44	43	1	31.423 ± 1.199	1.657 ± 0.090	0.529 ± 0.029	26.725 ± 1.874	1.700 ± 0.067
44-46	45	1	32.782 ± 1.519		0.495 ± 0.036		
46-48	47	1	34.382 ± 1.680		0.487 ± 0.030		
48-50	49	1	35.987 ± 1.530	1.567 ± 0.095	0.658 ± 0.029	39.028 ± 3.140	1.905 ± 0.054

50-52	51	1	37.590 ± 1.676			0.503 ± 0.030		
52-54	53	1	39.220 ± 1.586		1.028 ± 0.089	0.517 ± 0.040	36.861 ± 1.943	1.866 ± 0.070
54-56	55	1	40.805 ± 1.583			0.605 ± 0.027		
56-58	57	1	42.417 ± 1.642			0.713 ± 0.041		
58-60	59	1	44.067 ± 1.659			0.633 ± 0.032		
60-62	61	1	45.725 ± 1.658		0.884 ± 0.100	0.833 ± 0.038	52.804 ± 3.737	1.987 ± 0.075
62-64	63	1	47.396 ± 1.682		1.330 ± 0.074	0.834 ± 0.026	64.844 ± 2.680	1.764 ± 0.048
64-66	65	1	49.083 ± 1.692			0.839 ± 0.027	58.576 ± 1.723	
66-68	67	1	50.747 ± 1.637			0.749 ± 0.049	48.421 ± 1.468	
68-70	69	1	52.422 ± 1.712		0.318 ± 0.096	0.546 ± 0.041	38.168 ± 2.903	2.263 ± 0.078
70-72	71	1	54.118 ± 1.681			0.487 ± 0.027		
72-74	73	1	55.824 ± 1.732		0.835 ± 0.079	0.483 ± 0.027	59.605 ± 2.552	1.767 ± 0.061
74-77	75.5	1.5	57.982 ± 2.584			0.392 ± 0.017		
77-80	78.5	1.5	60.572 ± 2.595			0.408 ± 0.019	37.811 ± 1.054	
80-83	81.5	1.5	63.190 ± 2.641			0.269 ± 0.017		
83-86	84.5	1.5	65.991 ± 2.961		0.577 ± 0.066	0.061 ± 0.015	11.922 ± 1.176	1.821 ± 0.044
499-15								
0-2	1	1	0.513 ± 0.513	59.14	2.387 ± 0.062	0.264 ± 0.020	27.765 ± 1.617	1.950 ± 0.064
2-3	2.5	0.5	1.325 ± 0.299	54.52		0.243 ± 0.016		1.768 ± 0.049
3-4	3.5	0.5	1.944 ± 0.321	52.31		0.287 ± 0.021		1.778 ± 0.065
4-5	4.5	0.5	2.595 ± 0.330	51.39	2.636 ± 0.077	0.293 ± 0.019	26.076 ± 1.396	1.778 ± 0.058
5-6	5.5	0.5	3.282 ± 0.357	48.74		0.266 ± 0.020		1.983 ± 0.068
6-7	6.5	0.5	4.118 ± 0.479	38.23		0.170 ± 0.012		2.053 ± 0.052
7-8	7.5	0.5	5.086 ± 0.489	37.51	1.346 ± 0.039	0.188 ± 0.011	19.090 ± 1.109	1.837 ± 0.043
8-9	8.5	0.5	6.072 ± 0.497	36.88		0.187 ± 0.022		2.084 ± 0.075
9-10	9.5	0.5	7.093 ± 0.524	34.86	1.163 ± 0.018	0.157 ± 0.011	18.823 ± 1.124	1.805 ± 0.044
10-12	11	1	8.675 ± 1.059	34.45	1.405 ± 0.047	0.192 ± 0.014	24.159 ± 1.379	1.694 ± 0.050

12-14	13	1	10.823 ± 1.089	33.38		0.165 ± 0.012		1.810 ± 0.047
14-16	15	1	13.014 ± 1.102	32.93		0.168 ± 0.012		1.795 ± 0.045
16-18	17	1	15.200 ± 1.085	33.51	0.833 ± 0.029	0.150 ± 0.017	24.285 ± 1.293	1.759 ± 0.067
18-20	19	1	17.362 ± 1.077	33.82	0.650 ± 0.012	0.156 ± 0.008	12.983 ± 0.756	1.816 ± 0.032
20-22	21	1	19.533 ± 1.095	33.17		0.123 ± 0.010		1.976 ± 0.041
22-24	23	1	21.652 ± 1.024	35.75		0.076 ± 0.009	5.335 ± 0.598	1.920 ± 0.046
24-26	25	1	23.704 ± 1.029	35.57		0.056 ± 0.011		1.962 ± 0.053
26-28	27	1	25.773 ± 1.040	35.14		0.043 ± 0.007	10.471 ± 1.339	1.882 ± 0.035
28-30	29	1	27.878 ± 1.065	34.24		0.035 ± 0.009		2.022 ± 0.046
30-32	31	1	30.023 ± 1.080	33.69		0.031 ± 0.006		2.007 ± 0.036
499-16								
0-2	1	1	0.711 ± 1.422		0.960 ± 0.054	0.151 ± 0.016	14.720 ± 1.062	1.648 ± 0.041
2-3	2.5	0.5	1.860 ± 0.877		1.338 ± 0.065	0.302 ± 0.025		1.976 ± 0.060
3-4	3.5	0.5	2.732 ± 0.868		1.844 ± 0.066	0.250 ± 0.017	19.613 ± 1.391	1.715 ± 0.042
4-5	4.5	0.5	3.611 ± 0.891		1.525 ± 0.040	0.208 ± 0.013		1.899 ± 0.030
5-6	5.5	0.5	4.480 ± 0.846		2.002 ± 0.071	0.349 ± 0.017	17.343 ± 1.041	1.750 ± 0.057
6-7	6.5	0.5	5.300 ± 0.792		1.959 ± 0.053	0.278 ± 0.022		1.922 ± 0.044
7-8	7.5	0.5	6.123 ± 0.854		1.650 ± 0.067	0.261 ± 0.024	14.251 ± 0.981	1.836 ± 0.053
8-9	8.5	0.5	6.982 ± 0.865		1.526 ± 0.049	0.269 ± 0.016		1.931 ± 0.038
9-10	9.5	0.5	7.842 ± 0.855		1.502 ± 0.052	0.235 ± 0.020	14.455 ± 1.167	1.898 ± 0.045
10-12	11	1	9.056 ± 1.573		1.344 ± 0.067	0.225 ± 0.029		2.000 ± 0.055
12-14	13	1	10.659 ± 1.633		1.269 ± 0.058	0.251 ± 0.022	18.120 ± 1.278	2.005 ± 0.052
14-16	15	1	12.294 ± 1.638		1.184 ± 0.061	0.330 ± 0.020		1.978 ± 0.048
16-18	17	1	13.816 ± 1.407		2.315 ± 0.085	0.411 ± 0.038	22.403 ± 1.283	1.776 ± 0.078
18-20	19	1	15.287 ± 1.535		1.599 ± 0.062	0.265 ± 0.024		2.066 ± 0.054
20-22	21	1	16.916 ± 1.722		1.509 ± 0.056	0.256 ± 0.017	16.848 ± 1.041	1.976 ± 0.037
22-24	23	1	18.596 ± 1.640			0.265 ± 0.028		2.123 ± 0.059

24-26	25	1	20.205 ± 1.578	1.896 ± 0.099	0.373 ± 0.026		1.832 ± 0.066
26-28	27	1	21.762 ± 1.534		0.329 ± 0.020		2.064 ± 0.046
28-30	29	1	23.303 ± 1.549	1.840 ± 0.071	0.292 ± 0.025		1.899 ± 0.055
30-32	31	1	24.880 ± 1.605		0.268 ± 0.018		1.742 ± 0.044
32-34	33	1	26.266 ± 1.168	1.742 ± 0.069	0.288 ± 0.017		1.916 ± 0.042
34-36	35	1	27.399 ± 1.096		0.317 ± 0.029		2.035 ± 0.068
36-38	37	1	28.433 ± 0.973	1.969 ± 0.071	0.325 ± 0.025		2.071 ± 0.056
38-40	39	1	29.506 ± 1.172		0.269 ± 0.018	18.137 ± 0.908	2.066 ± 0.041
40-42	41	1	31.244 ± 2.304	1.494 ± 0.062	0.294 ± 0.009		1.889 ± 0.045
42-44	43	1	33.441 ± 2.089	0.768 ± 0.065	0.327 ± 0.019		1.660 ± 0.043
44-46	45	1	35.563 ± 2.156		0.295 ± 0.021	23.525 ± 1.193	
46-48	47	1	37.838 ± 2.393		0.234 ± 0.012		
48-50	49	1	40.008 ± 1.948	0.809 ± 0.029	0.432 ± 0.021		1.719 ± 0.023
50-52	51	1	41.991 ± 2.018		0.462 ± 0.011	32.730 ± 1.651	
52-54	53	1	44.006 ± 2.013		0.429 ± 0.022		
54-56	55	1	45.992 ± 1.958	1.089 ± 0.094	0.469 ± 0.016		1.836 ± 0.037
56-58	57	1	47.965 ± 1.987		0.483 ± 0.020		
58-60	59	1	49.975 ± 2.033	±	0.446 ± 0.021		
60-62	61	1	52.063 ± 2.143	0.733 ± 0.047	0.527 ± 0.015		1.883 ± 0.040
62-64	63	1	54.120 ± 1.971		0.533 ± 0.019	40.218 ± 1.874	
64-66	65	1	56.079 ± 1.948		0.556 ± 0.017		
66-68	67	1	58.011 ± 1.917		0.531 ± 0.023		
68-70	69	1	59.878 ± 1.817	1.021 ± 0.116	0.639 ± 0.028		1.974 ± 0.053
70-72	71	1	61.728 ± 1.882		0.624 ± 0.026		
72-74	73	1	63.621 ± 1.906		0.594 ± 0.024		
74-76	75	1	65.392 ± 1.635		0.617 ± 0.037		
76-78	77	1	67.099 ± 1.780	0.695 ± 0.058	0.631 ± 0.032		1.951 ± 0.051
78-80	79	1	68.905 ± 1.832		0.625 ± 0.026	43.635 ± 2.050	

80-82	81	1	70.801 ± 1.961	1.029 ± 0.105	0.550 ± 0.022		1.814 ± 0.052
82-84	83	1	72.741 ± 1.919		0.540 ± 0.031		
84-86	85	1	74.669 ± 1.937		0.647 ± 0.024		
86-88	87	1	76.656 ± 2.037	0.565 ± 0.112	0.514 ± 0.027		1.871 ± 0.053
88-90	89	1	78.756 ± 2.164		0.454 ± 0.028		
90-92	91	1	80.928 ± 2.179	0.664 ± 0.053	0.583 ± 0.036		1.876 ± 0.046
92-94	93	1	82.834 ± 1.633		0.662 ± 0.025	64.917 ± 2.382	
94-96	95	1	84.628 ± 1.955		0.528 ± 0.038		
96-98	97	1	86.537 ± 1.863	0.583 ± 0.090	0.551 ± 0.028		2.104 ± 0.052
98-100	99	1	88.421 ± 1.905		0.497 ± 0.024		
100-102	101	1	90.327 ± 1.908	0.276 ± 0.048	0.527 ± 0.035		2.057 ± 0.043
102-104	103	1	92.309 ± 2.055		0.366 ± 0.024	69.373 ± 2.909	
104-106	105	1	94.197 ± 1.722		0.875 ± 0.033		
106-108	107	1	96.021 ± 1.926		0.584 ± 0.034		
108-111	109.5	1.5	98.763 ± 3.558	0.368 ± 0.089	0.343 ± 0.015		2.029 ± 0.054
111-114	112.5	1.5	102.199 ± 3.315		0.338 ± 0.025		
114-118	116	2	105.898 ± 4.083		0.460 ± 0.017		
118-120	119	1	108.922 ± 1.964	0.316 ± 0.056	0.494 ± 0.025		2.077 ± 0.051
120-123	121.5	1.5	111.414 ± 3.019		0.542 ± 0.023	46.889 ± 2.157	
123-126	124.5	1.5	114.341 ± 2.836		0.439 ± 0.016		
126-129	127.5	1.5	117.063 ± 2.606		0.555 ± 0.021		1.963 ± 0.042
129-132	130.5	1.5	119.812 ± 2.892		0.055 ± 0.017		
132-135	133.5	1.5	122.729 ± 2.944		0.050 ± 0.020		1.892 ± 0.028
135-138	136.5	1.5	125.616 ± 2.829		0.044 ± 0.009	4.787 ± 0.550	
138-141	139.5	1.5	128.462 ± 2.863		0.013 ± 0.014		
141-144	142.5	1.5	131.323 ± 2.857		0.029 ± 0.019		
144-147	145.5	1.5	134.208 ± 2.913		0.044 ± 0.013		
147-150	148.5	1.5	136.955 ± 2.581		0.040 ± 0.024		

150-153	151.5	1.5	139.654 ± 2.818			0.036 ± 0.020	
153-156	154.5	1.5	142.428 ± 2.729			0.032 ± 0.025	
156-159	157.5	1.5	145.210 ± 2.835			0.028 ± 0.015	
499-17							
0-2	1	1	0.653 ± 0.653	51.70	0.943 ± 0.059	0.215 ± 0.021	1.845 ± 0.053
2-3	2.5	0.5	1.797 ± 0.490	37.37	1.121 ± 0.048	0.152 ± 0.016	1.512 ± 0.043
3-4	3.5	0.5	2.796 ± 0.508	36.04	1.098 ± 0.053	0.184 ± 0.018	1.485 ± 0.049
4-5	4.5	0.5	3.822 ± 0.518	35.27	1.046 ± 0.050	0.186 ± 0.016	1.495 ± 0.045
5-6	5.5	0.5	4.862 ± 0.522	35.02	1.114 ± 0.045	0.173 ± 0.008	1.376 ± 0.038
6-7	6.5	0.5	5.929 ± 0.545	33.35	0.760 ± 0.047	0.169 ± 0.016	1.479 ± 0.042
7-8	7.5	0.5	6.976 ± 0.502	36.52	0.634 ± 0.044	0.138 ± 0.016	1.537 ± 0.038
8-9	8.5	0.5	7.954 ± 0.477	38.43	0.360 ± 0.062	0.122 ± 0.019	1.736 ± 0.050
9-10	9.5	0.5	8.893 ± 0.462	39.63		0.113 ± 0.019	1.895 ± 0.046
10-12	11	1	10.266 ± 0.911	40.12	0.105 ± 0.056	0.094 ± 0.011	1.806 ± 0.029
12-14	13	1	12.075 ± 0.898	40.65	0.181 ± 0.071	0.124 ± 0.014	1.687 ± 0.040
14-16	15	1	13.837 ± 0.864	42.07			
16-18	17	1	15.589 ± 0.887	41.10	0.087 ± 0.051	0.053 ± 0.010	1.828 ± 0.032
18-20	19	1	17.368 ± 0.892	40.90			
20-22	21	1	19.149 ± 0.888	41.05		0.051 ± 0.007	
22-24	23	1	20.967 ± 0.930	39.36			
24-26	25	1	22.832 ± 0.935	39.19		0.032 ± 0.011	
26-28	27	1	24.654 ± 0.887	41.11			
28-30	29	1	26.467 ± 0.926	39.53			
30-32	31	1	28.336 ± 0.943	38.84			
32-34	33	1	29.916 ± 0.637	52.50		0.010 ± 0.029	1.907 ± 0.075
34-36	35	1	31.281 ± 0.727	48.13			
36-38	37	1	32.729 ± 0.720	48.46			

## 499-27

0-1	0.5	0.5	$0.675 \pm 0.675$	24.88	$0.723 \pm 0.042$	$0.056 \pm 0.009$	$16.102 \pm 0.636$	$1.859 \pm 0.030$
1-2	1.5	0.5	$2.038 \pm 0.688$	24.12		$0.080 \pm 0.008$		
2-3	2.5	0.5	$3.447 \pm 0.720$	22.27		$0.102 \pm 0.009$	$19.177 \pm 0.586$	
3-4	3.5	0.5	$4.868 \pm 0.701$	23.39	$1.432 \pm 0.036$	$0.086 \pm 0.008$		$1.225 \pm 0.024$
4-5	4.5	0.5	$6.277 \pm 0.708$	22.95		$0.093 \pm 0.007$		
5-6	5.5	0.5	$7.694 \pm 0.709$	22.92		$0.088 \pm 0.007$	$23.982 \pm 0.819$	
6-7	6.5	0.5	$9.123 \pm 0.720$	22.26	$0.899 \pm 0.036$	$0.076 \pm 0.009$		$1.394 \pm 0.026$
7-8	7.5	0.5	$10.554 \pm 0.710$	22.83		$0.069 \pm 0.010$		
8-9	8.5	0.5	$11.951 \pm 0.686$	24.22		$0.088 \pm 0.008$		
9-10	9.5	0.5	$13.350 \pm 0.713$	22.69	$0.471 \pm 0.028$	$0.095 \pm 0.006$	$17.974 \pm 0.661$	$1.415 \pm 0.019$
10-12	11	1	$15.501 \pm 1.438$	22.34		$0.064 \pm 0.009$		
12-14	13	1	$18.355 \pm 1.416$	22.97	$0.140 \pm 0.030$	$0.046 \pm 0.009$		$1.331 \pm 0.025$
14-16	15	1	$21.194 \pm 1.423$	22.76		$0.055 \pm 0.007$		
16-18	17	1	$24.061 \pm 1.443$	22.20	$0.240 \pm 0.035$	$0.031 \pm 0.012$	$5.179 \pm 0.312$	$1.324 \pm 0.030$
18-20	19	1	$26.959 \pm 1.455$	21.87		$0.035 \pm 0.007$		
20-22	21	1	$29.900 \pm 1.487$	21.00		$0.049 \pm 0.007$	$4.281 \pm 0.361$	
22-24	23	1	$32.874 \pm 1.487$	21.00		$0.036 \pm 0.006$		$1.246 \pm 0.016$
24-26	25	1	$35.858 \pm 1.498$	20.69		$0.026 \pm 0.007$		
26-29	27.5	1.5	$39.651 \pm 2.295$	19.83		$0.016 \pm 0.008$	$3.777 \pm 0.255$	$1.237 \pm 0.020$

## 499-28

0-2	1	1	$0.532 \pm 0.532$	58.10	$2.248 \pm 0.071$	$0.217 \pm 0.018$		$1.462 \pm 0.045$
2-3	2.5	0.5	$1.642 \pm 0.579$	31.01	$0.736 \pm 0.045$	$0.089 \pm 0.012$		$1.634 \pm 0.032$
3-4	3.5	0.5	$2.818 \pm 0.598$	29.71	$0.925 \pm 0.053$	$0.112 \pm 0.014$		$1.523 \pm 0.041$
4-5	4.5	0.5	$4.042 \pm 0.626$	27.90	$0.881 \pm 0.056$	$0.093 \pm 0.013$		$1.493 \pm 0.039$
5-6	5.5	0.5	$5.341 \pm 0.673$	25.04	$0.747 \pm 0.048$	$0.085 \pm 0.013$		$1.360 \pm 0.037$



6-7	6.5	0.5	6.675 ± 0.661	25.71	0.850 ± 0.052	0.096 ± 0.014		1.487 ± 0.039
7-8	7.5	0.5	7.989 ± 0.653	26.20	1.047 ± 0.050	0.141 ± 0.014		1.607 ± 0.037
8-9	8.5	0.5	9.310 ± 0.668	25.33	0.840 ± 0.050	0.130 ± 0.013		1.444 ± 0.036
9-10	9.5	0.5	10.631 ± 0.653	26.21	0.507 ± 0.042	0.098 ± 0.012		1.646 ± 0.035
10-12	11	1	12.492 ± 1.208	29.33	0.478 ± 0.047	0.105 ± 0.013		1.472 ± 0.037
12-14	13	1	14.845 ± 1.146	31.40	0.347 ± 0.045	0.146 ± 0.013		1.712 ± 0.038
14-16	15	1	17.062 ± 1.071	34.02	0.030 ± 0.045	0.113 ± 0.012		1.868 ± 0.037
16-18	17	1	19.169 ± 1.037	35.28		0.090 ± 0.013		1.917 ± 0.041
18-20	19	1	21.212 ± 1.006	36.40		0.066 ± 0.012		1.685 ± 0.038
20-22	21	1	23.206 ± 0.987	37.12		0.049 ± 0.010		1.997 ± 0.028
22-24	23	1	25.179 ± 0.986	37.18		0.048 ± 0.014		1.894 ± 0.039
24-26	25	1	27.132 ± 0.966	37.94		0.056 ± 0.009		1.934 ± 0.029
26-28	27	1	29.107 ± 1.009	36.29		0.047 ± 0.012		1.969 ± 0.033
28-30	29	1	31.113 ± 0.996	36.78		0.054 ± 0.013		2.024 ± 0.038
30-32	31	1	33.115 ± 1.006	36.41		0.045 ± 0.015		2.083 ± 0.048
32-34	33	1	35.139 ± 1.017	35.99		0.026 ± 0.011		1.988 ± 0.037
34-36	35	1	37.143 ± 0.987	37.15		0.018 ± 0.033		2.032 ± 0.024
36-38	37	1	39.100 ± 0.971	37.75		0.012 ± 0.013		2.086 ± 0.038
38-40	39	1	41.067 ± 0.996	36.81		0.003 ± 0.011		1.876 ± 0.030
499-29								
0-2	1	1	0.632 ± 0.632	52.80	2.401 ± 0.065	0.280 ± 0.015	15.055 ± 0.748	1.779 ± 0.047
2-3	2.5	0.5	1.593 ± 0.330	51.38		0.270 ± 0.037		
3-4	3.5	0.5	2.235 ± 0.312	53.18		0.251 ± 0.023		
4-5	4.5	0.5	2.863 ± 0.316	52.77	1.613 ± 0.079	0.383 ± 0.017		2.593 ± 0.056
5-6	5.5	0.5	3.522 ± 0.343	50.11		0.280 ± 0.019	14.811 ± 0.746	
6-7	6.5	0.5	4.233 ± 0.368	47.75		0.229 ± 0.015		
7-8	7.5	0.5	4.913 ± 0.312	53.14	2.492 ± 0.107	0.347 ± 0.027		1.897 ± 0.068

8-9	8.5	0.5	$5.500 \pm 0.275$	57.12		$0.343 \pm 0.024$		
9-10	9.5	0.5	$6.090 \pm 0.315$	52.91		$0.367 \pm 0.019$	$19.641 \pm 0.756$	
10-12	11	1	$7.129 \pm 0.725$	48.24	$1.963 \pm 0.107$	$0.297 \pm 0.028$		$1.988 \pm 0.071$
12-14	13	1	$8.591 \pm 0.736$	47.73		$0.261 \pm 0.029$	$14.946 \pm 1.560$	
14-16	15	1	$10.084 \pm 0.758$	46.72		$0.187 \pm 0.029$		
16-18	17	1	$11.615 \pm 0.773$	46.03	$1.753 \pm 0.066$	$0.211 \pm 0.010$	$12.180 \pm 0.744$	$1.984 \pm 0.036$
18-20	19	1	$13.232 \pm 0.844$	42.90		$0.238 \pm 0.010$		
20-22	21	1	$14.903 \pm 0.826$	43.68		$0.284 \pm 0.024$	$16.758 \pm 0.995$	
22-24	23	1	$16.557 \pm 0.828$	43.62	$1.527 \pm 0.063$	$0.315 \pm 0.017$		$2.088 \pm 0.053$
24-26	25	1	$18.182 \pm 0.798$	44.92		$0.245 \pm 0.013$	$17.884 \pm 0.856$	
26-28	27	1	$19.988 \pm 1.008$	36.35		$0.254 \pm 0.023$		
28-30	29	1	$21.905 \pm 0.909$	40.22	$1.346 \pm 0.051$	$0.316 \pm 0.014$	$15.878 \pm 1.289$	$2.039 \pm 0.038$
30-32	31	1	$23.763 \pm 0.949$	38.60		$0.312 \pm 0.024$		
32-34	33	1	$25.677 \pm 0.965$	38.00		$0.550 \pm 0.026$	$35.749 \pm 1.511$	
34-36	35	1	$27.754 \pm 1.113$	32.55	$0.428 \pm 0.052$	$0.319 \pm 0.019$		$1.613 \pm 0.046$
36-38	37	1	$30.151 \pm 1.285$	26.88		$0.110 \pm 0.013$	$21.723 \pm 1.274$	
38-40	39	1	$32.636 \pm 1.201$	29.56		$0.107 \pm 0.011$		
40-42	41	1	$34.846 \pm 1.008$	36.33		$0.058 \pm 0.015$	$6.176 \pm 0.682$	$1.852 \pm 0.040$
42-45	43.5	1.5	$37.173 \pm 1.319$	41.44		$0.054 \pm 0.012$		
45-49	47	2	$40.169 \pm 1.678$	43.13		$0.036 \pm 0.015$	$1.982 \pm 0.358$	$2.639 \pm 0.047$
499-30								
0-2	1	1	$0.538 \pm 0.538$	57.75	$1.365 \pm 0.067$	$0.232 \pm 0.016$		$2.172 \pm 0.058$
2-3	2.5	0.5	$1.388 \pm 0.312$	53.19	$1.502 \pm 0.056$	$0.224 \pm 0.017$		$1.803 \pm 0.053$
3-4	3.5	0.5	$2.153 \pm 0.453$	40.31	$0.817 \pm 0.050$	$0.143 \pm 0.013$		$1.847 \pm 0.045$
4-5	4.5	0.5	$3.091 \pm 0.485$	37.81	$1.021 \pm 0.059$	$0.124 \pm 0.015$		$1.497 \pm 0.056$
5-6	5.5	0.5	$4.057 \pm 0.482$	38.04	$0.946 \pm 0.066$	$0.076 \pm 0.017$		$1.401 \pm 0.064$
6-7	6.5	0.5	$5.016 \pm 0.477$	38.41	$1.101 \pm 0.044$	$0.098 \pm 0.011$		$1.353 \pm 0.040$

7-8	7.5	0.5	5.959 ± 0.466	39.29	0.901 ± 0.046	0.126 ± 0.012	1.581 ± 0.042
8-9	8.5	0.5	6.892 ± 0.467	39.23	0.704 ± 0.065	0.105 ± 0.018	1.643 ± 0.063
9-10	9.5	0.5	7.813 ± 0.454	40.23	0.402 ± 0.079	0.085 ± 0.014	1.958 ± 0.056
10-12	11	1	9.191 ± 0.924	39.60	0.184 ± 0.061	0.079 ± 0.007	2.107 ± 0.033
12-14	13	1	11.060 ± 0.945	38.79	0.126 ± 0.101	0.097 ± 0.011	2.276 ± 0.054
14-16	15	1	12.949 ± 0.945	38.79	0.099 ± 0.076	0.052 ± 0.009	2.232 ± 0.042
16-18	17	1	14.831 ± 0.938	39.07		0.052 ± 0.007	2.438 ± 0.039
18-20	19	1	16.698 ± 0.929	39.41		0.057 ± 0.009	2.413 ± 0.050
20-22	21	1	18.573 ± 0.946	38.74		0.025 ± 0.006	2.436 ± 0.033
22-24	23	1	20.465 ± 0.947	38.69		0.016 ± 0.006	2.316 ± 0.031
499-31							
0-2	1	1	0.394 ± 0.789	66.19	2.808 ± 0.108	0.361 ± 0.032	1.486 ± 0.068
2-3	2.5	0.5	1.189 ± 0.801	44.78	1.442 ± 0.059		1.658 ± 0.040
3-4	3.5	0.5	1.997 ± 0.814	44.20	1.283 ± 0.063	0.182 ± 0.018	1.830 ± 0.042
4-5	4.5	0.5	2.758 ± 0.709	48.99	1.997 ± 0.063	0.282 ± 0.013	1.931 ± 0.031
5-6	5.5	0.5	3.444 ± 0.663	51.25	2.224 ± 0.087	0.297 ± 0.022	1.681 ± 0.050
6-7	6.5	0.5	4.102 ± 0.653	51.70	2.479 ± 0.065	0.328 ± 0.015	1.842 ± 0.037
7-8	7.5	0.5	4.782 ± 0.705	49.17	2.157 ± 0.074	0.289 ± 0.017	1.976 ± 0.051
8-9	8.5	0.5	5.489 ± 0.708	49.03	2.094 ± 0.095	0.336 ± 0.018	1.386 ± 0.055
9-10	9.5	0.5	6.223 ± 0.761	46.58	2.017 ± 0.065	0.244 ± 0.015	1.928 ± 0.036
10-12	11	1	7.350 ± 1.492	47.26	2.133 ± 0.068	0.283 ± 0.015	1.887 ± 0.040
12-14	13	1	8.811 ± 1.431	48.69	2.416 ± 0.083	0.279 ± 0.021	1.876 ± 0.050
14-16	15	1	10.405 ± 1.756	41.49	1.286 ± 0.060	0.163 ± 0.017	1.956 ± 0.041
16-18	17	1	12.119 ± 1.673	43.24	1.416 ± 0.089	0.247 ± 0.019	1.972 ± 0.050
18-20	19	1	13.803 ± 1.695	42.77	1.689 ± 0.071	0.297 ± 0.018	2.011 ± 0.048
20-22	21	1	15.537 ± 1.773	41.14	1.776 ± 0.085	0.307 ± 0.020	1.759 ± 0.054
22-24	23	1	17.540 ± 2.234	32.40	0.644 ± 0.070	0.152 ± 0.013	1.931 ± 0.036

24-26	25	1	19.735 ± 2.155	33.78	0.427 ± 0.049	0.162 ± 0.013		1.925 ± 0.034
26-28	27	1	21.693 ± 1.760	41.40	1.146 ± 0.074	0.263 ± 0.022		2.017 ± 0.056
28-30	29	1	23.476 ± 1.807	40.43	1.200 ± 0.060	0.301 ± 0.016		1.793 ± 0.044
30-32	31	1	25.338 ± 1.916	38.25		0.241 ± 0.019		2.012 ± 0.045
32-34	33	1	27.208 ± 1.823	40.12	0.793 ± 0.054	0.304 ± 0.013		1.958 ± 0.037
34-36	35	1	29.042 ± 1.847	39.63		0.280 ± 0.016		2.036 ± 0.037
36-38	37	1	30.881 ± 1.830	39.98	0.788 ± 0.067	0.290 ± 0.021		2.079 ± 0.053
38-40	39	1	32.758 ± 1.925	38.08		0.279 ± 0.026		1.910 ± 0.062
40-42	41	1	34.733 ± 2.025	36.17	0.552 ± 0.073	0.290 ± 0.022		2.267 ± 0.059
42-44	43	1	36.750 ± 2.009	36.48	0.682 ± 0.052	0.377 ± 0.026		1.989 ± 0.036
44-46	45	1	38.799 ± 2.090	34.97	0.873 ± 0.058	0.283 ± 0.024		2.064 ± 0.044
46-48	47	1	40.817 ± 1.946	37.67		0.410 ± 0.024		
48-50	49	1	42.716 ± 1.850	39.56		0.374 ± 0.023		2.326 ± 0.112
50-52	51	1	44.693 ± 2.105	34.68		0.217 ± 0.050		
52-54	53	1	46.672 ± 1.851	39.55		0.125 ± 0.016		2.106 ± 0.047
54-56	55	1	48.623 ± 2.051	35.68		0.017 ± 0.020		
56-58	57	1	50.640 ± 1.984	36.95		0.033 ± 0.011		2.382 ± 0.067
58-60	59	1	52.669 ± 2.073	35.29		0.059 ± 0.020		
60-62	61	1	54.725 ± 2.040	35.89		0.035 ± 0.011		
62-54	63	1	56.696 ± 1.902	38.53				2.434 ± 0.034
64-67	65.5	1.5	59.075 ± 2.856	38.49		0.022 ± 0.011		
499-32								
0-2	1	1	0.395 ± 0.395	66.13	2.353 ± 0.088	0.311 ± 0.014	20.694 ± 1.378	1.922 ± 0.040
2-3	2.5	0.5	1.038 ± 0.248	60.12	2.255 ± 0.076	0.274 ± 0.015		1.821 ± 0.042
3-4	3.5	0.5	1.606 ± 0.321	52.31	1.039 ± 0.083	0.212 ± 0.020	10.604 ± 0.859	2.260 ± 0.055
4-5	4.5	0.5	2.406 ± 0.479	38.24	0.306 ± 0.062	0.125 ± 0.013		2.034 ± 0.042
5-6	5.5	0.5	3.373 ± 0.487	37.61	1.041 ± 0.059	0.101 ± 0.007	10.440 ± 0.798	1.825 ± 0.030

6-7	6.5	0.5	4.281 ± 0.420	43.06	1.423 ± 0.079	0.148 ± 0.015		2.035 ± 0.044
7-8	7.5	0.5	5.119 ± 0.417	43.31	1.636 ± 0.085	0.183 ± 0.014		1.757 ± 0.049
8-9	8.5	0.5	5.949 ± 0.413	43.71	1.802 ± 0.083	0.178 ± 0.012	15.428 ± 0.950	1.734 ± 0.042
9-10	9.5	0.5	6.807 ± 0.446	40.95	1.547 ± 0.052	0.199 ± 0.009		1.739 ± 0.031
10-12	11	1	8.208 ± 0.956	38.36	1.282 ± 0.069	0.200 ± 0.011	14.930 ± 1.010	2.075 ± 0.044
12-14	13	1	10.194 ± 1.030	35.50	1.129 ± 0.058	0.182 ± 0.012		1.932 ± 0.039
14-16	15	1	12.338 ± 1.113	32.52	1.197 ± 0.061	0.194 ± 0.011	17.327 ± 1.491	1.689 ± 0.038
16-18	17	1	14.605 ± 1.154	31.13	0.821 ± 0.049	0.174 ± 0.009		1.855 ± 0.031
18-20	19	1	16.892 ± 1.133	31.82	0.808 ± 0.051	0.243 ± 0.009	27.875 ± 1.452	1.757 ± 0.030
20-22	21	1	19.136 ± 1.111	32.60	0.429 ± 0.047	0.216 ± 0.009	24.754 ± 1.279	1.890 ± 0.030
22-24	23	1	21.365 ± 1.117	32.38	0.260 ± 0.035	0.207 ± 0.009		1.948 ± 0.035
24-26	25	1	23.566 ± 1.084	33.56	0.094 ± 0.050	0.178 ± 0.011	19.402 ± 1.058	2.004 ± 0.039
26-28	27	1	25.730 ± 1.080	33.70		0.126 ± 0.009	14.165 ± 0.988	2.052 ± 0.037
28-30	29	1	27.881 ± 1.071	34.02		0.113 ± 0.012		2.059 ± 0.045
30-32	31	1	29.990 ± 1.038	35.23		0.090 ± 0.006	9.325 ± 0.691	1.933 ± 0.025
32-34	33	1	32.082 ± 1.055	34.60		0.066 ± 0.007	4.800 ± 0.566	1.944 ± 0.035
34-36	35	1	34.205 ± 1.068	34.13		0.051 ± 0.008	3.056 ± 0.476	2.115 ± 0.032
36-38	37	1	36.338 ± 1.065	34.24		0.035 ± 0.003		1.908 ± 0.014
38-40	39	1	38.428 ± 1.025	35.71		0.024 ± 0.006	1.481 ± 0.281	2.083 ± 0.033
40-42	41	1	40.477 ± 1.024	35.73				
42-45	43.5	1.5	43.099 ± 1.598	34.22				
499-37								
<b>0-1</b>	<b>0.5</b>	<b>0.5</b>	<b>0.520 ± 1.040</b>	35.16	0.758 ± 0.065	0.110 ± 0.014		2.679 ± 0.043
<b>1-2</b>	<b>1.5</b>	<b>0.5</b>	<b>1.614 ± 1.149</b>	31.29	1.563 ± 0.068	0.162 ± 0.013		1.910 ± 0.044
<b>2-3</b>	<b>2.5</b>	<b>0.5</b>	<b>2.776 ± 1.174</b>	30.45	1.593 ± 0.057	0.115 ± 0.011		1.882 ± 0.030
<b>3-4</b>	<b>3.5</b>	<b>0.5</b>	<b>3.952 ± 1.179</b>	30.28	1.813 ± 0.067	0.127 ± 0.014	15.324 ± 3.340	1.730 ± 0.037
<b>4-5</b>	<b>4.5</b>	<b>0.5</b>	<b>5.136 ± 1.188</b>	29.96	1.860 ± 0.078	0.148 ± 0.021		1.754 ± 0.056

5-6	5.5	0.5	6.320 ± 1.180	30.23	1.848 ± 0.068	0.177 ± 0.010		1.850 ± 0.030
6-7	6.5	0.5	7.506 ± 1.192	29.85	1.788 ± 0.110	0.209 ± 0.016	29.494 ± 1.310	1.812 ± 0.035
7-8	7.5	0.5	8.698 ± 1.192	29.85	2.278 ± 0.075	0.168 ± 0.017		1.665 ± 0.040
8-9	8.5	0.5	9.886 ± 1.183	30.16		0.222 ± 0.010		1.720 ± 0.031
9-10	9.5	0.5	11.050 ± 1.147	31.37	2.218 ± 0.073	0.224 ± 0.016	34.279 ± 1.305	1.826 ± 0.046
10-12	11	1	12.761 ± 2.276	31.67		0.194 ± 0.010		1.760 ± 0.027
12-14	13	1	15.039 ± 2.280	31.60	2.194 ± 0.072	0.222 ± 0.017		1.807 ± 0.046
14-16	15	1	17.277 ± 2.197	33.05		0.185 ± 0.016	32.876 ± 1.234	1.732 ± 0.040
16-18	17	1	19.494 ± 2.236	32.35	2.380 ± 0.062	0.224 ± 0.010		1.686 ± 0.027
18-20	19	1	21.728 ± 2.231	32.45		0.251 ± 0.014		1.782 ± 0.038
20-22	21	1	23.980 ± 2.275	31.69	2.137 ± 0.059	0.229 ± 0.009	33.473 ± 1.445	1.910 ± 0.024
22-24	23	1	26.281 ± 2.328	30.78		0.236 ± 0.010		1.829 ± 0.027
24-26	25	1	28.622 ± 2.353	30.36	2.180 ± 0.065	0.252 ± 0.014		1.700 ± 0.039
26-28	27	1	30.974 ± 2.351	30.39		0.219 ± 0.015	35.176 ± 1.641	1.903 ± 0.038
28-30	29	1	33.312 ± 2.324	30.85	1.409 ± 0.062	0.216 ± 0.014	24.215 ± 0.850	1.857 ± 0.035
30-32	31	1	35.664 ± 2.380	29.91		0.195 ± 0.016		1.981 ± 0.040
32-34	33	1	38.044 ± 2.380	29.91	2.054 ± 0.071	0.247 ± 0.022	33.953 ± 1.224	1.965 ± 0.057
34-36	35	1	40.444 ± 2.418	29.28		0.240 ± 0.026		
36-38	37	1	42.878 ± 2.450	28.76	1.313 ± 0.073	0.218 ± 0.015	36.129 ± 1.285	1.935 ± 0.065
38-40	39	1	45.314 ± 2.420	29.25		0.202 ± 0.010		
40-42	41	1	47.727 ± 2.407	29.47	1.291 ± 0.072	0.206 ± 0.020	34.434 ± 1.336	1.942 ± 0.063
42-44	43	1	50.103 ± 2.345	30.49		0.207 ± 0.020		
44-46	45	1	52.395 ± 2.239	32.31	1.862 ± 0.083	0.246 ± 0.016	38.350 ± 1.355	1.932 ± 0.068
46-48	47	1	54.632 ± 2.236	32.36		0.269 ± 0.014		
48-50	49	1	56.968 ± 2.435	29.01	1.021 ± 0.075	0.213 ± 0.023	35.139 ± 1.309	2.059 ± 0.068
50-52	51	1	59.448 ± 2.525	27.57		0.148 ± 0.017		
52-54	53	1	61.938 ± 2.455	28.69	0.923 ± 0.061	0.202 ± 0.017	41.173 ± 1.418	1.936 ± 0.053
54-56	55	1	64.374 ± 2.418	29.29		0.190 ± 0.025		

56-58	<b>57</b>	<b>1</b>	<b>66.832 ± 2.498</b>	28.01	0.631 ± 0.057	0.179 ± 0.017	39.166 ± 1.547	1.947 ± 0.048
<b>58-61</b>	<b>59.5</b>	<b>1.5</b>	<b>70.036 ± 3.911</b>	26.29		0.107 ± 0.012		
<b>61-64</b>	<b>62.5</b>	<b>1.5</b>	<b>73.949 ± 3.917</b>	26.23		0.052 ± 0.012		
<b>64-67</b>	<b>65.5</b>	<b>1.5</b>	<b>77.922 ± 4.028</b>	25.11		0.038 ± 0.016		
<b>67-70</b>	<b>68.5</b>	<b>1.5</b>	<b>82.033 ± 4.194</b>	23.48		0.025 ± 0.011	2.618 ± 0.290	
<b>70-73</b>	<b>71.5</b>	<b>1.5</b>	<b>86.281 ± 4.303</b>	22.45		0.013 ± 0.011		

525-8

0-2	1	1	1.112 ± 1.112	32.55	0.774 ± 0.087	0.078 ± 0.008		1.524 ± 0.021
2-4	3	1	3.441 ± 1.216	29.06		0.103 ± 0.009		
4-6	5	1	5.904 ± 1.247	28.07	0.888 ± 0.061	0.128 ± 0.015		1.650 ± 0.030
6-8	7	1	8.363 ± 1.213	29.17		0.158 ± 0.009		
8-10	9	1	10.771 ± 1.196	29.71	0.746 ± 0.085	0.189 ± 0.009		1.501 ± 0.025
10-12	11	1	13.147 ± 1.179	30.26		0.156 ± 0.006		
12-14	13	1	15.527 ± 1.201	29.56	0.368 ± 0.051	0.122 ± 0.008		1.535 ± 0.024
14-16	15	1	17.950 ± 1.222	28.87		0.085 ± 0.009		
16-18	17	1	20.398 ± 1.226	28.73		0.049 ± 0.017		1.841 ± 0.031
18-20	19	1	22.854 ± 1.231	28.59		0.049 ± 0.009		
20-22	21	1	25.349 ± 1.264	27.54		0.050 ± 0.008		1.518 ± 0.023
22-24	23	1	27.910 ± 1.297	26.49		0.042 ± 0.008		
24-26	25	1	30.518 ± 1.311	26.08		0.033 ± 0.014		1.706 ± 0.031
26-29	27.5	1.5	33.814 ± 1.986	25.67				

525-9

0-2	1	1	0.795 ± 0.795	45.07	1.713 ± 0.052	0.169 ± 0.012		1.707 ± 0.029
2-4	3	1	2.686 ± 1.097	33.08		0.143 ± 0.011		
4-6	5	1	4.920 ± 1.136	31.73	0.843 ± 0.067	0.112 ± 0.017		1.764 ± 0.053
6-8	7	1	7.168 ± 1.113	32.54		0.151 ± 0.015		

8-10	9	1	$9.369 \pm 1.088$	33.40	$0.690 \pm 0.059$	$0.156 \pm 0.011$	$1.564 \pm 0.029$
10-12	11	1	$11.545 \pm 1.087$	33.46		$0.124 \pm 0.007$	
12-14	13	1	$13.716 \pm 1.085$	33.51	$0.139 \pm 0.054$	$0.091 \pm 0.009$	$1.667 \pm 0.044$
14-16	15	1	$15.948 \pm 1.146$	31.39		$0.090 \pm 0.007$	
16-18	17	1	$18.304 \pm 1.209$	29.27		$0.088 \pm 0.011$	
18-20	19	1	$20.764 \pm 1.250$	27.97		$0.059 \pm 0.007$	
20-22	21	1	$23.305 \pm 1.292$	26.66		$0.030 \pm 0.010$	
22-24	23	1	$25.882 \pm 1.285$	26.86		$0.032 \pm 0.009$	
24-26	25	1	$28.446 \pm 1.278$	27.07		$0.034 \pm 0.014$	
525-10							
0-2	1	1	$0.994 \pm 0.994$	36.87	$1.081 \pm 0.071$	$0.058 \pm 0.016$	$1.768 \pm 0.036$
2-4	3	1	$3.122 \pm 1.134$	31.80		$0.117 \pm 0.016$	$1.674 \pm 0.036$
4-6	5	1	$5.433 \pm 1.177$	30.35	$1.302 \pm 0.068$	$0.139 \pm 0.011$	$1.453 \pm 0.034$
6-8	7	1	$7.753 \pm 1.143$	31.49			
8-10	9	1	$10.066 \pm 1.170$	30.59	$1.295 \pm 0.081$	$0.098 \pm 0.024$	$1.590 \pm 0.052$
10-12	11	1	$12.426 \pm 1.191$				
12-14	13	1	$14.829 \pm 1.212$	29.19	$0.588 \pm 0.071$	$0.097 \pm 0.021$	$1.709 \pm 0.046$
14-16	15	1	$17.251 \pm 1.211$				
16-18	17	1	$19.671 \pm 1.209$	29.28	$0.485 \pm 0.056$	$0.079 \pm 0.011$	$1.489 \pm 0.030$
18-20	19	1	$22.112 \pm 1.232$				
20-22	21	1	$24.598 \pm 1.254$	27.83		$0.030 \pm 0.014$	$1.589 \pm 0.032$
22-24	23	1	$27.121 \pm 1.269$				
24-26	25	1	$29.673 \pm 1.283$	26.92		$0.033 \pm 0.007$	$1.481 \pm 0.021$
26-28	27	1	$32.239 \pm 1.282$				
28-30	29	1	$34.803 \pm 1.282$	26.97		$0.005 \pm 0.021$	$1.643 \pm 0.044$
30-32	31	1	$37.395 \pm 1.311$				
32-34	33	1	$40.048 \pm 1.341$	25.15		$0.023 \pm 0.022$	



34-36	35	1	$42.729 \pm 1.339$	25.20		$0.032 \pm 0.011$	
36-38	37	1		25.00			
38-40	39	1					
40-41.5	41	1		23.37			
525-11							
0-2	1	1	$1.186 \pm 1.186$	30.04	$1.688 \pm 0.062$	$0.110 \pm 0.018$	$1.661 \pm 0.038$
2-4	3	1	$3.643 \pm 1.271$	27.30			
4-6	5	1	$6.186 \pm 1.272$	27.26	$1.008 \pm 0.052$	$0.106 \pm 0.016$	$1.711 \pm 0.033$
6-8	7	1	$8.721 \pm 1.262$	27.57			
8-10	9	1	$11.264 \pm 1.280$	27.01	$0.508 \pm 0.060$	$0.083 \pm 0.015$	$1.675 \pm 0.031$
10-12	11	1	$13.808 \pm 1.264$	27.53			
12-14	13	1	$16.331 \pm 1.259$	27.67	$0.279 \pm 0.065$	$0.080 \pm 0.022$	$1.746 \pm 0.044$
14-16	15	1	$18.873 \pm 1.282$	26.95			
16-18	17	1	$21.460 \pm 1.305$	26.25	$0.200 \pm 0.051$	$0.068 \pm 0.022$	$1.636 \pm 0.034$
18-20	19	1	$24.051 \pm 1.286$	26.85			
20-22	21	1	$26.640 \pm 1.304$	26.29	$0.126 \pm 0.046$	$0.034 \pm 0.013$	$1.688 \pm 0.032$
22-24	23	1	$29.270 \pm 1.326$	25.60			
24-26	25	1	$31.923 \pm 1.327$	25.58		$0.043 \pm 0.010$	$1.686 \pm 0.030$
26-28	27	1	$34.566 \pm 1.316$	25.91			
28-30	29	1	$37.194 \pm 1.312$	26.03			
30-32	31	1	$39.802 \pm 1.295$	26.55			
32-34	33	1	$42.392 \pm 1.295$	26.55		$0.028 \pm 0.019$	$1.782 \pm 0.045$
34-36	35	1	$44.983 \pm 1.296$	26.52			
36-38.5	37.25	1.25	$47.230 \pm 0.951$	27.41			
525-12							
0-2	1	1	$0.788 \pm 0.788$	45.35	$1.955 \pm 0.044$	$0.172 \pm 0.012$	$1.506 \pm 0.029$

2-4	3	1	$2.499 \pm 0.922$	39.67		$0.150 \pm 0.016$		
4-6	5	1	$4.291 \pm 0.870$	41.81	$0.920 \pm 0.051$	$0.061 \pm 0.006$		$1.791 \pm 0.040$
6-8	7	1	$6.054 \pm 0.892$	40.89		$0.071 \pm 0.014$		
8-10	9	1	$7.828 \pm 0.882$	41.32	$0.636 \pm 0.050$	$0.091 \pm 0.012$		$1.948 \pm 0.039$
10-12	11	1	$9.616 \pm 0.906$	40.34		$0.051 \pm 0.014$		
12-14	13	1	$11.439 \pm 0.917$	39.90	$0.535 \pm 0.049$	$0.053 \pm 0.015$		$1.900 \pm 0.038$
14-16	15	1	$13.295 \pm 0.940$	38.98		$0.040 \pm 0.009$		$1.900 \pm 0.040$
16-18	17	1	$15.157 \pm 0.922$	39.68	$0.527 \pm 0.040$	$0.052 \pm 0.010$		$1.890 \pm 0.028$
18-20	19	1	$17.100 \pm 1.021$	35.86				
20-22	21	1	$19.174 \pm 1.053$	34.66	$0.335 \pm 0.039$	$0.044 \pm 0.009$		$1.890 \pm 0.027$
22-24	23	1	$21.281 \pm 1.054$	34.65				
24-26	25	1	$23.401 \pm 1.067$	34.18	$0.266 \pm 0.042$	$0.027 \pm 0.009$		$1.893 \pm 0.027$
26-28	27	1	$25.439 \pm 0.971$	37.74				
28-30	29	1	$27.460 \pm 1.049$	34.81				
30-32	31	1	$29.510 \pm 1.001$	36.60				
32-34	33	1	$31.486 \pm 0.975$	37.61				
34-36	35	1	$33.432 \pm 0.971$	37.74		$0.052 \pm 0.013$		
525-12a								
0-2	1	1	$0.571 \pm 1.141$	55.97	$2.432 \pm 0.147$	$0.277 \pm 0.012$	$14.269 \pm 0.676$	$1.779 \pm 0.031$
2-4	3	1	$1.736 \pm 1.188$	54.72		$0.299 \pm 0.014$		
4-6	5	1	$2.981 \pm 1.303$	51.80		$0.269 \pm 0.012$		
6-8	7	1	$4.277 \pm 1.288$	52.16		$0.249 \pm 0.026$		
8-10			$5.559 \pm 1.276$					
10-12	11	1	$6.848 \pm 1.302$	51.82	$2.377 \pm 0.120$	$0.191 \pm 0.028$		$2.148 \pm 0.055$
12-14			$8.188 \pm 1.377$					
14-16	15	1	$9.611 \pm 1.468$	47.82		$0.250 \pm 0.011$	$7.946 \pm 0.465$	
16-18			$11.101 \pm 1.513$					

18-20	19	1	12.590 ± 1.465	47.90	1.788 ± 0.161	0.221 ± 0.029		2.168 ± 0.056
20-22			14.068 ± 1.490					
22-24	23	1	15.556 ± 1.487	47.37		0.263 ± 0.027		
24-26			17.018 ± 1.436					
26-28	27	1	18.459 ± 1.446	48.34		0.298 ± 0.016		
28-30			19.904 ± 1.443					
30-32	31	1	21.378 ± 1.506	46.94		0.366 ± 0.028	11.217 ± 0.486	
32-34			22.886 ± 1.509					
34-36	35	1	24.462 ± 1.642	43.90	1.270 ± 0.090	0.409 ± 0.021		2.042 ± 0.045
36-38			26.067 ± 1.568					
38-40	39	1	27.633 ± 1.565	45.61		0.453 ± 0.026	23.804 ± 0.853	
40-42			29.270 ± 1.708					
42-44	43	1	30.980 ± 1.713	42.39		0.475 ± 0.021		
44-46			32.698 ± 1.722					
46-48	47	1	34.378 ± 1.637	44.01		0.542 ± 0.039	8.653 ± 0.669	
48-50			36.036 ± 1.678					
50-52	51	1	37.684 ± 1.619	44.41	1.240 ± 0.163	0.500 ± 0.025		1.985 ± 0.060
52-54			39.275 ± 1.561					
54-56	55	1	40.851 ± 1.591	45.03		0.596 ± 0.025	31.568 ± 1.545	
56-58			42.421 ± 1.550					
58-60	59	1	43.993 ± 1.594	44.97		0.550 ± 0.016		
60-62			45.586 ± 1.593					
62-64	63	1	47.109 ± 1.452	48.20		0.510 ± 0.041	40.789 ± 1.031	
64-66			48.618 ± 1.566					
66-68	67	1	50.209 ± 1.615	44.49	0.690 ± 0.108	0.477 ± 0.030		2.286 ± 0.053
68-70			51.883 ± 1.734					
70-72	71	1	53.557 ± 1.614	44.52		0.559 ± 0.043	30.319 ± 1.032	
72-74			55.174 ± 1.620					

74-76	75	1	56.819 ± 1.671	43.29		0.592 ± 0.024		
76-78			58.463 ± 1.617					
78-80	79	1	60.182 ± 1.820	40.16		0.549 ± 0.030	28.877 ± 0.984	
80-82			61.992 ± 1.799					
82-84	83	1	63.878 ± 1.973	37.15	0.453 ± 0.123	0.451 ± 0.025		1.844 ± 0.050
84-86			65.758 ± 1.787					
86-88	87	1	67.544 ± 1.785	40.89		0.507 ± 0.023		
88-90			69.282 ± 1.691					
90-92	91	1	71.021 ± 1.785	40.88		0.573 ± 0.040	20.764 ± 1.082	
92-94			72.850 ± 1.874					
94-96	95	1	74.736 ± 1.898	38.62		0.606 ± 0.016		
96-98	97	1	76.606 ± 1.843	39.72		0.471 ± 0.018		
98-100	99	1	78.487 ± 1.919	38.21	0.279 ± 0.083	0.405 ± 0.023		2.201 ± 0.041
100-102	101	1	80.419 ± 1.945	37.69		0.458 ± 0.013	45.313 ± 1.231	
102-104	103	1	82.372 ± 1.962	37.37		0.395 ± 0.020		
104-106	105	1	84.329 ± 1.951	37.59		0.383 ± 0.021		
106-108	107	1	86.218 ± 1.828	40.01		0.416 ± 0.024		
108-110	109	1	87.987 ± 1.710	42.44		0.379 ± 0.025	42.924 ± 1.265	
110-112	111	1	89.739 ± 1.793	40.71		0.348 ± 0.017		
112-114	113	1	91.575 ± 1.879	38.99		0.369 ± 0.020		
114-116	115	1	93.428 ± 1.826	40.05	0.608 ± 0.104	0.357 ± 0.022	43.711 ± 1.688	1.963 ± 0.044
116-118	117	1	95.228 ± 1.774	41.11		0.432 ± 0.022		
118-120	119	1	97.044 ± 1.858	39.40		0.409 ± 0.017		
120-122	121	1	98.946 ± 1.946	37.68		0.325 ± 0.014		
122-124	123	1	100.889 ± 1.939	37.81		0.447 ± 0.017	57.522 ± 1.761	
124-126	125	1	102.824 ± 1.932	37.94		0.373 ± 0.019		
126-128	127	1	104.668 ± 1.754	41.52		0.368 ± 0.028		
128-130	129	1	106.419 ± 1.749	41.64		0.386 ± 0.025	67.792 ± 2.262	

130-132	131	1	108.168 ± 1.749	41.63	0.672 ± 0.056	0.379 ± 0.019		2.048 ± 0.045
132-134	133	1	109.960 ± 1.835	39.87		0.297 ± 0.014		
134-136			111.784 ± 1.813					
136-138	137	1	113.591 ± 1.801	40.56		0.221 ± 0.024	43.232 ± 1.176	
138-140	139	1	115.361 ± 1.740	41.82		0.261 ± 0.026		
140-142	141	1	117.087 ± 1.712	42.40		0.258 ± 0.024		
142-144	143	1	118.842 ± 1.796	40.66		0.283 ± 0.023		
144-146	145	1	120.685 ± 1.890	38.76		0.299 ± 0.011	63.065 ± 2.593	
146-148	147	1	122.503 ± 1.745	41.72	0.696 ± 0.048	0.398 ± 0.018		1.992 ± 0.035
148-150	149	1	124.317 ± 1.883	38.90	0.638 ± 0.098	0.259 ± 0.014		1.841 ± 0.035
150-152	151	1	126.200 ± 1.883	38.90	0.169 ± 0.054	0.039 ± 0.011	4.455 ± 0.386	1.837 ± 0.030
525-13								
0-2	1	1	0.538 ± 1.076	57.75	2.516 ± 0.093	0.179 ± 0.032	12.076 ± 0.608	1.598 ± 0.063
2-4	3	1	1.662 ± 1.173	55.13		0.283 ± 0.016		
4-6	5	1	2.876 ± 1.255	53.00				
6-8	7	1	4.111 ± 1.214	54.05		0.277 ± 0.017		
8-10	9	1	5.308 ± 1.178	54.99	1.971 ± 0.112	0.305 ± 0.021	11.146 ± 0.972	1.976 ± 0.048
10-12	11	1	6.695 ± 1.597	44.89		0.269 ± 0.025		
12-14	13	1	8.372 ± 1.756	41.48		0.179 ± 0.024		
14-16	15	1	10.314 ± 2.126	34.30		0.103 ± 0.015		
16-18	17	1	12.604 ± 2.453	28.71		0.097 ± 0.010	3.837 ± 0.299	2.024 ± 0.031
18-20	19	1	14.894 ± 2.127	34.30		0.171 ± 0.009		
20-22	21	1	16.824 ± 1.734	41.94		0.150 ± 0.027		
22-24	23	1	18.539 ± 1.695	42.77		0.166 ± 0.027		
24-26	25	1	20.227 ± 1.682	43.04	1.494 ± 0.069	0.176 ± 0.021	9.674 ± 0.505	2.145 ± 0.042
26-28	27	1	21.872 ± 1.608	44.65		0.296 ± 0.015		
28-30	29	1	23.511 ± 1.670	44.93		0.306 ± 0.018		

30-32	31	1	25.142 ± 1.591	45.03		0.326 ± 0.016		
32-34	33	1	26.741 ± 1.609	44.63	1.448 ± 0.055	0.334 ± 0.022	13.987 ± 0.542	1.885 ± 0.045
34-36	35	1	28.333 ± 1.574					
36-38	37	1	29.889 ± 1.539	46.19		0.377 ± 0.020		
38-40	39	1	31.472 ± 1.627	44.23		0.321 ± 0.021		
40-42	41	1	33.076 ± 1.581	45.24	1.495 ± 0.114	0.278 ± 0.034	11.115 ± 0.513	1.917 ± 0.067
42-44	43	1	34.631 ± 1.528	46.44		0.325 ± 0.020		
44-46	45	1	36.146 ± 1.502	47.02		0.307 ± 0.012		
46-48	47	1	37.945 ± 2.095	34.87				
48-50	49	1	39.812 ± 1.639	43.97	1.151 ± 0.056	0.269 ± 0.020	10.039 ± 0.552	2.053 ± 0.046
50-52	51	1	41.520 ± 1.777					
52-54	53	1	43.368 ± 1.919	38.19		0.185 ± 0.013		
54-56	55	1	45.462 ± 2.269	31.79		0.154 ± 0.013		
56-58	57	1	47.760 ± 2.327	30.80		0.203 ± 0.018	7.680 ± 0.564	2.155 ± 0.046
58-60	59	1	50.083 ± 2.318	30.95		0.106 ± 0.017		
60-62	61	1	52.160 ± 1.838	39.82		0.233 ± 0.014		
62-64	63	1	54.046 ± 1.934					
64-66	65	1	56.030 ± 2.033	36.02	0.285 ± 0.062	0.228 ± 0.022	6.902 ± 0.755	1.983 ± 0.052
66-68	67	1	57.916 ± 1.738	41.86		0.295 ± 0.016		
68-70	69	1	59.627 ± 1.684	43.00		0.427 ± 0.024		
70-72	71	1	61.314 ± 1.689	42.89		0.416 ± 0.016		
72-74	73	1	62.930 ± 1.543	46.09	1.449 ± 0.112	0.503 ± 0.036	15.419 ± 0.871	1.978 ± 0.074
74-76	75	1	64.644 ± 1.885	38.87		0.306 ± 0.016		
76-78	77	1	66.610 ± 2.047	35.77		0.289 ± 0.014		
78-80	79	1	68.438 ± 1.608	44.65		0.379 ± 0.015		
80-82	81	1	69.991 ± 1.500	47.09	1.563 ± 0.085	0.426 ± 0.024	25.312 ± 0.932	1.782 ± 0.055
82-84	83	1	71.477 ± 1.471	47.75		0.481 ± 0.019		
84-86	85	1	72.994 ± 1.563	45.65		0.453 ± 0.024		

86-88	87	1	$74.575 \pm 1.599$	44.84		$0.497 \pm 0.025$		
88-90	89	1	$76.248 \pm 1.747$	41.68	$0.588 \pm 0.085$	$0.547 \pm 0.019$	$19.017 \pm 1.698$	$2.368 \pm 0.040$
90-91	90.5	0.5	$77.664 \pm 1.083$	33.58		$0.254 \pm 0.019$	$12.662 \pm 0.690$	
525-14								
0-2	1	1	$0.593 \pm 1.186$	54.79	$1.778 \pm 0.052$	$0.242 \pm 0.015$		$1.837 \pm 0.043$
2-4	3	1	$2.511 \pm 2.650$	25.64		$0.177 \pm 0.016$		
4-6	5	1	$4.930 \pm 2.189$	33.18		$0.156 \pm 0.015$		
6-8	7	1	$7.108 \pm 2.166$	33.59		$0.150 \pm 0.013$		
8-10	9	1	$9.000 \pm 1.617$	44.45	$2.205 \pm 0.062$	$0.292 \pm 0.020$		$1.894 \pm 0.055$
10-12	11	1	$10.694 \pm 1.771$	41.17		$0.250 \pm 0.021$		
12-14	13	1	$12.501 \pm 1.844$	39.69		$0.241 \pm 0.018$		
14-16	15	1	$14.197 \pm 1.547$	46.02		$0.252 \pm 0.017$		
16-18	17	1	$15.728 \pm 1.516$	46.72	$2.722 \pm 0.050$	$0.276 \pm 0.015$		$1.886 \pm 0.036$
18-20	19	1	$17.232 \pm 1.493$	47.25		$0.242 \pm 0.027$		
20-22	21	1	$18.680 \pm 1.404$	49.32		$0.229 \pm 0.028$		
22-24	23	1	$20.076 \pm 1.387$	49.73		$0.311 \pm 0.017$		
24-26	25	1	$21.459 \pm 1.378$	49.96	$3.177 \pm 0.054$	$0.319 \pm 0.018$		$1.929 \pm 0.042$
26-28	27	1	$22.856 \pm 1.418$	49.00		$0.290 \pm 0.017$		
28-30	29	1	$24.293 \pm 1.456$	48.11	$2.694 \pm 0.066$	$0.155 \pm 0.029$		$1.771 \pm 0.054$
30-32	31	1	$25.868 \pm 1.694$	42.80		$0.170 \pm 0.025$		
32-34	33	1	$27.533 \pm 1.636$	44.04	$1.891 \pm 0.049$	$0.233 \pm 0.014$		$2.043 \pm 0.039$
34-36	35	1	$29.050 \pm 1.399$	49.44		$0.171 \pm 0.021$		
36-38	37	1	$30.520 \pm 1.539$	46.18		$0.258 \pm 0.015$		
38-40	39	1	$32.127 \pm 1.676$	43.18		$0.264 \pm 0.012$		
40-42	41	1	$33.858 \pm 1.787$	40.85	$1.661 \pm 0.051$	$0.192 \pm 0.014$		$2.023 \pm 0.041$
42-44	43	1	$35.617 \pm 1.731$	42.01		$0.210 \pm 0.023$		
44-46	45	1	$37.256 \pm 1.546$	46.04		$0.316 \pm 0.015$		

46-48	47	1	38.862 ± 1.668	43.35		0.281 ± 0.018	
48-50	49	1	40.576 ± 1.760	41.40	1.651 ± 0.047	0.271 ± 0.015	1.891 ± 0.038
50-52	51	1	42.429 ± 1.946	37.67		0.256 ± 0.026	
52-54	53	1	44.410 ± 2.016	36.35		0.253 ± 0.027	
54-56	55	1	46.312 ± 1.788	40.82		0.437 ± 0.023	
56-57	56.5	0.5	47.644 ± 0.875	41.62	1.337 ± 0.057	0.544 ± 0.020	2.084 ± 0.043
57-58	57.5	0.5	48.498 ± 0.834	43.34		0.534 ± 0.017	
58-60	59	1	49.862 ± 1.894	38.70		0.538 ± 0.022	
60-62	61	1	51.828 ± 2.037	35.94		0.521 ± 0.024	
62-64	63	1	54.015 ± 2.337	30.64	1.166 ± 0.046	0.455 ± 0.019	1.730 ± 0.039
64-66	65	1	56.191 ± 2.016	36.33		0.600 ± 0.019	
66-68	67	1	58.233 ± 2.068	35.38		0.544 ± 0.019	
68-70	69	1	60.253 ± 1.973	37.17		0.770 ± 0.020	
70-72	71	1	62.207 ± 1.936	37.88	0.874 ± 0.075	0.667 ± 0.021	2.168 ± 0.068
72-74	73	1	64.133 ± 1.916	38.27		0.584 ± 0.026	
74-76	75	1	66.075 ± 1.969	37.23		0.465 ± 0.031	
76-78	77	1	68.089 ± 2.057	35.57		0.337 ± 0.014	
78-80	79	1	70.099 ± 1.964	37.32	1.720 ± 0.068	0.369 ± 0.018	1.065 ± 0.020
80-82	81	1	72.132 ± 2.101	34.77		0.334 ± 0.022	
82-84	83	1	74.189 ± 2.014	36.39		0.099 ± 0.011	
84-86	85	1	76.198 ± 2.004				
86-88	87	1	78.198 ± 1.995	36.73		0.033 ± 0.012	
88-90	89	1	80.205 ± 2.018			0.020	
90-92	91	1	82.234 ± 2.040	35.89	0.269 ± 0.067	0.012 ± 0.022	1.922 ± 0.057
525-15							
0-2	1	1	0.774 ± 1.547	46.01	0.739 ± 0.061	0.165 ± 0.012	5.567 ± 0.560
2-4	3	1	2.465 ± 1.835	39.86		0.154 ± 0.015	1.978 ± 0.039



4-6	5	1	4.332 ± 1.900					
6-8	7	1	6.183 ± 1.802	40.54	1.251 ± 0.076	0.164 ± 0.029	11.089 ± 0.861	2.054 ± 0.060
8-10	9	1	8.091 ± 2.013					
10-12	11	1	10.190 ± 2.184	33.27		0.191 ± 0.014		
12-14	13	1	12.401 ± 2.238					
14-16	15	1	14.625 ± 2.211	32.80	0.691 ± 0.042	0.154 ± 0.010	7.031 ± 0.569	1.898 ± 0.029
16-18	17	1	16.708 ± 1.954					
18-20	19	1	18.520 ± 1.671	43.28		0.234 ± 0.021		
20-22	21	1	20.262 ± 1.813					
22-24	23	1	22.160 ± 1.982	36.98	1.144 ± 0.067	0.269 ± 0.026	9.206 ± 0.739	2.025 ± 0.057
24-26	25	1	24.228 ± 2.153					
26-28	27	1	26.470 ± 2.331	30.74	0.201 ± 0.047	0.128 ± 0.011		1.943 ± 0.031
28-30	29	1	28.811 ± 2.351					
30-32	31	1	31.172 ± 2.372	30.05		0.138 ± 0.024	5.521 ± 0.485	2.142 ± 0.043
32-34	33	1	33.544 ± 2.373					
34-36	35	1	35.917 ± 2.374	30.02	0.325 ± 0.047	0.127 ± 0.013		1.669 ± 0.032
36-38	37	1	38.356 ± 2.504					
38-40	39	1	40.928 ± 2.638	25.82		0.035 ± 0.016	3.476 ± 0.403	1.836 ± 0.029
40-42	41	1	43.541 ± 2.588					
42-44	43	1	46.104 ± 2.539	27.36	0.103 ± 0.044	0.087 ± 0.012		1.683 ± 0.030
44-46	45	1	48.673 ± 2.599					
46-48	47	1	51.302 ± 2.660	25.49		0.109 ± 0.012	4.829 ± 0.490	1.851 ± 0.029
48-50	49	1	53.924 ± 2.582					
50-52	51	1	56.468 ± 2.506	27.87		0.100 ± 0.009		1.656 ± 0.024
52-54	53	1	58.966 ± 2.492					
54-56	55	1	61.451 ± 2.478	28.32	0.525 ± 0.040	0.211 ± 0.028	12.857 ± 0.872	1.389 ± 0.030
56-58	57	1	63.885 ± 2.389					
58-60	59	1	66.231 ± 2.303	31.21	0.251 ± 0.076	0.444 ± 0.029	31.984 ± 1.865	2.076 ± 0.052

60-62	61	1	68.571 ± 2.377				
62-64	63	1	70.985 ± 2.452	28.73	0.226 ± 0.027	17.909 ± 1.052	2.062 ± 0.048
64-66	65	1	73.407 ± 2.391	29.74	0.069 ± 0.009		
66-68	67	1	75.812 ± 2.419				
68-70	69	1	78.246 ± 2.448	28.79	0.021 ± 0.015		1.985 ± 0.033
70-72	71	1	80.741 ± 2.543				
72-74	73	1	83.332 ± 2.639	25.81	0.015 ± 0.010	0.898 ± 0.260	2.034 ± 0.024
74-76	75	1	85.948 ± 2.593				
76-78	77	1	88.519 ± 2.548	27.21	0.008 ± 0.011	0.458 ± 0.123	
525-16							
0-2	1	1	0.842 ± 0.842	42.99	0.175 ± 0.012		
2-4	3	1	2.643 ± 0.959	38.24			
4-6	5	1	4.705 ± 1.103	32.89	0.131 ± 0.022		
6-8	7	1	6.944 ± 1.137	31.72			
8-10	9	1	9.198 ± 1.117	32.40	0.189 ± 0.026		
10-12	11	1	11.426 ± 1.111	32.59			
12-14	13	1	13.721 ± 1.184	30.11			
14-16	15	1	16.158 ± 1.253	27.87			
16-18	17	1	18.650 ± 1.239	28.31	0.253 ± 0.016		
18-20	19	1	21.062 ± 1.173	30.48			
20-22	21	1	23.434 ± 1.198	29.64	0.234 ± 0.015		
22-24	23	1	25.852 ± 1.220	28.94			
24-26	25	1	28.220 ± 1.149	31.31	0.224 ± 0.013		
26-27.5	26.75	0.75	30.209 ± 0.840	32.28			
525-17							
0-2	1	1	0.812 ± 0.812	44.31	0.591 ± 0.047	0.159 ± 0.013	1.928 ± 0.034

2-4	3	1	$2.480 \pm 0.856$	42.39			
4-6	5	1	$4.245 \pm 0.908$	40.24	$0.099 \pm 0.062$	$0.062 \pm 0.010$	$1.861 \pm 0.028$
6-8	7	1	$6.037 \pm 0.884$	41.24			
8-10	9	1	$7.824 \pm 0.903$	40.46	$0.182 \pm 0.064$	$0.070 \pm 0.010$	$1.944 \pm 0.031$
10-12	11	1	$9.664 \pm 0.937$	39.07			
12-14	13	1	$11.533 \pm 0.931$	39.31	$0.051 \pm$	$0.046 \pm 0.010$	$2.109 \pm 0.029$
14-16	15	1	$13.397 \pm 0.933$	39.26			
16-18	17	1	$15.276 \pm 0.945$	38.75		$0.060 \pm 0.019$	
18-20	19	1	$17.174 \pm 0.953$	38.47			
20-22	21	1	$19.064 \pm 0.938$	39.06		$0.035 \pm 0.012$	
22-24	23	1	$20.935 \pm 0.934$	39.22			
24-26	25	1	$22.879 \pm 1.010$	36.26		$0.017 \pm 0.011$	
26-28	27	1	$24.918 \pm 1.028$	35.58			
525-18							
0-2	1	1	$0.524 \pm 0.524$	58.50		$0.353 \pm 0.014$	
2-4	3	1	$1.608 \pm 0.559$	56.60			
4-6	5	1	$2.788 \pm 0.622$	53.30		$0.280 \pm 0.019$	
6-8	7	1	$4.119 \pm 0.709$	48.98			
8-10	9	1	$5.567 \pm 0.739$	47.61		$0.281 \pm 0.021$	
10-12	11	1	$7.022 \pm 0.717$	48.63		$0.269 \pm 0.015$	
12-14	13	1	$8.472 \pm 0.733$	47.88		$0.176 \pm 0.012$	
14-16	15	1	$9.957 \pm 0.752$	46.98		$0.199 \pm 0.021$	
16-18	17	1	$11.506 \pm 0.797$	44.96		$0.335 \pm 0.013$	
18-20	19	1	$13.055 \pm 0.752$	46.97			
20-22	21	1	$14.542 \pm 0.734$	47.80		$0.293 \pm 0.027$	
22-24	23	1	$16.011 \pm 0.735$	47.80			
24-26	25	1	$17.522 \pm 0.776$	45.90		$0.296 \pm 0.023$	

26-28	27	1	$19.079 \pm 0.781$	45.68		$0.246 \pm 0.016$	
28-30	29	1	$20.717 \pm 0.858$	42.32		$0.206 \pm 0.017$	
30-32	31	1	$22.363 \pm 0.787$	45.39			
32-34	33	1	$23.971 \pm 0.821$	43.89		$0.280 \pm 0.019$	
34-36	35	1	$25.654 \pm 0.862$	42.17		$0.273 \pm 0.023$	
36-38	37	1	$27.367 \pm 0.851$	42.61		$0.206 \pm 0.017$	
38-40	39	1	$29.053 \pm 0.835$	43.32		$0.204 \pm 0.032$	
40-42	41	1	$30.667 \pm 0.779$	45.75		$0.240 \pm 0.032$	
42-45	43.5	1.5	$32.632 \pm 1.186$	45.23		$0.256 \pm 0.021$	
525-20							
0-2	1	1	$1.159 \pm 1.159$	32.01	$1.772 \pm 0.060$	$0.076 \pm 0.008$	$1.659 \pm 0.024$
2-4	3	1	$3.553 \pm 1.235$	28.45			
4-6	5	1	$6.065 \pm 1.278$	26.78	$0.644 \pm 0.058$	$0.098 \pm 0.014$	$1.909 \pm 0.030$
6-8	7	1	$8.634 \pm 1.291$				
8-10	9	1	$11.229 \pm 1.304$	26.69	$0.152 \pm 0.062$	$0.127 \pm 0.013$	$1.995 \pm 0.037$
10-12	11	1	$13.884 \pm 1.351$	24.86			
12-14	13	1	$16.603 \pm 1.368$	24.54		$0.066 \pm 0.006$	$1.669 \pm 0.023$
14-16	15	1	$19.375 \pm 1.403$	23.34			
16-18	17	1	$22.177 \pm 1.400$	23.26		$0.021 \pm 0.008$	$1.617 \pm 0.025$
18-20	19	1	$24.960 \pm 1.382$	23.93			
20-22	21	1	$27.677 \pm 1.335$	25.24		$0.011 \pm 0.008$	$1.616 \pm 0.022$
22-24	23	1	$30.292 \pm 1.279$	27.04			
24-26	25	1	$32.883 \pm 1.312$	25.99			
26-28	27	1	$35.534 \pm 1.339$	25.20			
525-21							
0-2	1	1	$1.054 \pm 1.054$	34.62	$1.546 \pm 0.044$	$0.124 \pm 0.010$	$16.263 \pm 1.252$ $1.872 \pm 0.039$

2-4	3	1	3.210 ± 1.102					
4-6	5	1	5.462 ± 1.149	31.27	1.281 ± 0.042	0.091 ± 0.014	19.742 ± 1.315	1.627 ± 0.029
6-8	7	1	7.798 ± 1.187					
8-10	9	1	10.209 ± 1.224	28.79	0.969 ± 0.037	0.096 ± 0.015	26.495 ± 1.664	1.588 ± 0.041
10-12	11	1	12.687 ± 1.254					
12-14	13	1	15.226 ± 1.285	26.88	0.813 ± 0.039	0.087 ± 0.012		1.567 ± 0.038
14-16	15	1	17.811 ± 1.299					
16-18	17	1	20.424 ± 1.314	25.96	0.222 ± 0.033	0.065 ± 0.021	9.443 ± 0.996	1.503 ± 0.028
18-20	19	1	23.059 ± 1.320					
20-22	21	1	25.705 ± 1.326	25.61		0.039 ± 0.012	7.430 ± 0.824	1.642 ± 0.003
22-24	23	1	28.375 ± 1.344					
24-26	25	1	31.080 ± 1.362	24.54				
26-28	27	1	33.782 ± 1.341					
28-30	29	1	36.443 ± 1.320	25.80				
30-32	31	1	39.091 ± 1.329					
32-34	33	1	41.758 ± 1.338	25.25				
525-22								
0-2	1	1	1.098 ± 1.098	33.08	1.277 ± 0.041	0.046 ± 0.014		1.558 ± 0.028
2-4	3	1	3.418 ± 1.223					
4-6	5	1	5.996 ± 1.355	24.74	0.961 ± 0.041	0.120 ± 0.013		1.495 ± 0.027
6-8	7	1	8.688 ± 1.337					
8-10	9	1	11.344 ± 1.319	25.82	0.810 ± 0.027	0.119 ± 0.009		1.372 ± 0.021
10-12	11	1	13.971 ± 1.308					
12-14	13	1	16.577 ± 1.297	26.48	0.279 ± 0.035	0.090 ± 0.011		1.488 ± 0.031
14-16	15	1	19.218 ± 1.344					
16-18	17	1	21.952 ± 1.390	23.70		0.066 ± 0.012		1.562 ± 0.026
18-20	19	1	24.729 ± 1.386					

20-22	21	1	$27.497 \pm 1.382$	23.95		$0.036 \pm 0.011$		$1.400 \pm 0.032$
22-24	23	1	$30.266 \pm 1.387$					
24-26	25	1	$33.045 \pm 1.392$	23.66		$0.046 \pm 0.016$		$1.546 \pm 0.040$
26-28	27	1	$35.869 \pm 1.433$					
28-30	29	1	$38.776 \pm 1.474$	21.34				
525-23								
0-2	1	1	$1.126 \pm 1.126$	32.08	$1.642 \pm 0.041$	$0.069 \pm 0.009$	$19.477 \pm 0.825$	$1.369 \pm 0.025$
2-4	3	1	$3.403 \pm 1.151$					
4-6	5	1	$5.731 \pm 1.177$	30.35	$1.367 \pm 0.041$	$0.094 \pm 0.012$	$23.898 \pm 1.056$	$1.469 \pm 0.032$
6-8	7	1	$8.083 \pm 1.175$					
8-10	9	1	$10.431 \pm 1.173$	30.47	$1.161 \pm 0.045$	$0.127 \pm 0.013$	$26.695 \pm 1.104$	$1.396 \pm 0.036$
10-12	11	1	$12.840 \pm 1.235$					
12-14	13	1	$15.375 \pm 1.299$	26.42	$0.170 \pm 0.034$	$0.050 \pm 0.010$	$9.525 \pm 0.650$	$1.475 \pm 0.026$
14-16	15	1	$18.007 \pm 1.334$					
16-18	17	1	$20.709 \pm 1.368$	24.35		$0.044 \pm 0.010$	$6.568 \pm 0.405$	$1.672 \pm 0.035$
18-20	19	1	$23.433 \pm 1.356$					
20-22	21	1	$26.132 \pm 1.343$	25.09		$0.016 \pm 0.007$	$6.513 \pm 0.431$	$1.605 \pm 0.028$