

Group	BoxPlot Code	Study ID number	ESR(0-20 mm/hr)
Control	1	87	
Control	1	52	
Control	1	61	
Control	1	111	
Control	1	11	
Control	1	18	
Control	1	45	
Control	1	102	
Control	1	73	
Control	1	70	
Control	1	38	
Control	1	96	
Control	1	32	
Control	1	46	
Control	1	76	
Control	1	24	
Control	1	55	
Control	1	80	
Control	1	10	
Control	1	23	
Control	1	4	
Control	1	86	
Control	1	36	
Control	1	5	
Control	1	90	
Control	1	16	
Control	1	51	
Control	1	107	
Control	1	19	
Control	1	47	
Control	1	68	
Control	1	22	
Control	1	2	
Control	1	28	
Control	1	64	
Control	1	58	
Control	1	60	
Control	1	37	
Control	1	71	
Control	1	12	
Control	1	77	
Control	1	1	
Control	1	97	
Control	1	13	
Control	1	95	
Control	1	110	

Control	1	57
Control	1	63
Control	1	72
Control	1	65
Control	1	56
Control	1	15
Control	1	114
Control	1	33
Control	1	39
Control	1	84
Control	1	106
Control	1	40
Control	1	81
Control	1	105
Control	1	115
Control	1	108
Control	1	62
Control	1	20
Control	1	75
Control	1	92
Control	1	82
Control	1	79
Control	1	14
Control	1	59
Control	1	8
Control	2	112
Control	2	43
Control	2	104
Control	2	49
Control	2	69
Control	2	25
Control	2	53
Control	2	30
Control	2	17
Control	2	103
Control	2	91
Control	2	116
Control	2	7
Control	2	89
Control	2	67
Control	2	74
Control	2	9
Control	2	83
Control	2	93
Control	2	99
Control	2	54
Control	2	6
Control	2	27

Control	2	21	
Control	2	3	
Control	2	88	
Control	2	85	
Control	2	94	
Control	2	41	
Control	2	34	
Control	2	50	
Control	2	29	
Control	2	48	
Control	2	44	
Control	2	109	
Control	2	31	
Control	2	35	
Control	2	26	
Control	2	101	
Control	2	98	
Control	2	66	
Control	2	113	
Control	2	100	
Control	2	42	
Control	2	78	
IBS	4	2	3
IBS	4	4	
IBS	4	5	15
IBS	4	6	15
IBS	4	7	
IBS	4	8	12
IBS	3	9	
IBS	3	10	
IBS	3	11	
IBS	3	12	9
IBS	4	13	14
IBS	4	14	17
IBS	4	15	20
IBS	4	16	
IBS	4	17	
IBS	3	18	30
IBS	3	20	19
IBS	4	21	
IBS	3	22	16
IBS	3	23	10
IBS	3	24	12
IBS	3	25	11
IBS	4	26	
IBS	4	27	31
IBS	3	28	
IBS	4	29	

IBS	4	30	
IBS	4	31	
IBS	3	32	35
IBS	3	33	
IBS	4	34	21
IBS	3	36	20
IBS	3	37	
IBS	3	38	
IBS	4	39	
IBS	3	40	5
IBS	3	42	5
IBS	4	43	29
IBS	3	44	2
IBS	4	46	
IBS	3	48	39
IBS	4	49	7
IBS	3	51	17
IBS	3	54	42
IBS	4	56	
IBS	4	57	2
IBS	3	59	7
IBS	3	70	16
IBS	4	71	1
IBS	3	73	8
IBS	4	74	10
IBS	3	79	
IBS	4	80	
IBS	3	81	95
IBS	4	89	107

Codes:

IBS	Irritable bowel syndrome
Dx	Diagnosis
ESR	erythrocyte sedimentation rate
ALB	albumin
ALT	alanine transaminase
Ln	log
BMI	body mass index

Sex	DoDx IBS	Duration(yr)	Age(years)	Height (cm)	Height (SDS)
1			19.82	170.0	-0.95
1			11.61	151.5	0.70
0			9.59	145.4	1.47
1			17.38	169.2	-0.89
1			14.45	162.6	-0.47
1			2.18	82.0	-1.60
0			12.91	143.5	-1.85
0			18.65	176.5	2.06
0			19.64	165.1	0.28
1			9.07	120.7	-2.17
1			18.31	172.7	-0.50
0			19.31	180.3	2.64
0			12.76	140.2	-2.16
0			17.82	153.6	-1.46
1			12.96	156.2	0.06
0			19.12	149.9	-2.06
1			5.58	103.0	-1.92
0			18.03	159.6	-0.54
0			12.96	158.1	0.16
0			8.24	120.0	-1.53
1			9.12	127.6	-1.01
0			14.99	166.9	0.78
0			14.02	125.0	-5.37
0			3.74	93.7	-1.22
0			17.08	152.0	-1.69
0			11.28	143.5	-0.26
0			17.01	170.2	1.13
1			16.09	168.9	-0.62
0			17.75	143.7	-2.99
0			10.31	127.7	-1.78
0			13.65	143.5	-2.38
1			12.65	140.6	-1.67
0			12.62	149.9	-0.75
1			19.72	176.5	-0.04
1			18.16	174.8	-0.20
1			18.70	186.1	1.36
0			19.57	170.2	1.07
0			17.55	156.3	-1.04
1			12.59	146.7	-0.78
1			13.12	151.8	-0.59
0			3.20	99.7	1.21
1			3.66	104.1	1.09
0			15.29	154.9	-1.10
0			15.63	162.6	0.04
0			18.38	160.0	-0.49
0			14.49	159.4	-0.28

1	6.18	116.8	0.12
0	15.12	164.5	0.40
1	18.75	180.3	0.53
1	17.17	183.5	1.13
0	18.95	156.1	-1.10
0	17.61	156.2	-1.06
0	16.08	157.0	-0.86
1	18.02	175.9	-0.03
0	12.16	162.6	1.45
1	12.11	148.6	-0.10
1	15.27	163.8	-0.89
0	17.72	159.4	-0.57
1	19.74	176.5	-0.04
1	18.18	174.5	-0.24
1	10.61	151.1	1.42
1	16.27	184.2	1.42
0	2.89	89.5	-0.91
0	14.24	163.8	0.46
0	19.55	165.1	0.28
1	16.40	173.5	-0.11
0	16.82	166.5	0.56
1	15.99	172.1	-0.17
1	17.13	192.4	2.42
1	17.47	167.6	-1.12
1	13.37	172.5	1.78
0	18.10	162.6	-0.08
0	11.52	149.2	0.27
0	19.94	154.9	-1.30
0	17.43	156.8	-0.96
0	19.36	157.5	-0.90
0	12.60	151.0	-0.52
0	19.58	153.8	-1.46
1	13.22	149.0	-1.10
0	19.73	160.0	-0.51
0	16.79	156.5	-0.98
0	17.85	173.4	1.59
0	17.03	158.8	-0.63
0	18.63	157.5	-0.88
0	18.34	165.1	0.30
0	13.78	165.1	0.81
1	14.75	154.6	-1.67
1	11.44	163.2	2.40
1	18.21	171.5	-0.66
1	6.39	123.8	1.16
1	18.25	179.0	0.38
1	8.31	141.0	1.90
1	9.15	135.3	0.18
1	13.59	160.3	-0.01

0			18.51	158.8	-0.68
0			15.50	174.7	1.92
0			14.27	163.8	0.46
0			9.28	145.4	1.75
0			14.35	151.1	-1.51
1			12.73	157.5	0.47
1			14.29	167.6	0.22
0			19.65	174.0	1.66
1			10.41	164.7	3.45
0			19.14	175.7	1.93
1			7.27	131.4	1.50
0			15.53	156.2	-0.93
1			16.97	183.5	1.16
0			14.46	163.5	0.37
1			18.79	181.6	0.72
0			16.73	165.0	0.34
0			14.01	156.0	-0.65
0			9.50	141.6	0.97
0			9.30	154.3	2.95
1			19.55	186.7	1.40
0			12.31	170.2	2.39
0			7.91	154.3	4.22
1	11/8/2013	0.00	17.2	177.5	0.29
0	12/9/2013	0.00	18.3	160.02	-0.48
0	3/11/2013	2.11	16.7	160.4	-0.37
0	6/18/2010	0.71	15.8	167	0.71
0	9/2/2015	0.19	21.1	161	-0.36
1	1/22/2013	2.13	16.0	177.8	0.59
1	1/25/2010	2.71	15.7	169.2	-0.42
0	5/17/2012	0.00	18.3	153	-1.57
0	12/4/2012	0.00	17.3	157.48	-0.85
0	11/22/2015	0.06	19.2	164	0.11
0	8/11/2014	0.08	16.5	157	-0.89
0	11/8/2015	0.07	20.4	149.8	-2.08
0	6/16/2014	1.12	19.7	154.94	-1.29
1	6/1/2015	0.39	14.9	168.27	-0.13
0	11/13/2013	2.14	17.3	170.18	1.11
1	10/20/2008	2.25	13.5	160.3	0.076
0	10/25/2012	0.12	16.3	157.2	-0.84
0	12/30/2015	0.04	21.7	170.18	1.06
1	11/1/2010	0.59	15.5	172.4	0.07
0	6/10/2014	0.93	17.2	158.7	-0.66
0	4/16/2010	1.98	15.5	160.2	-0.31
0	3/3/2011	1.10	14.4	163	0.29
0	9/14/2012	0.08	18.5	167.64	0.69
0	12/10/2014	0.31	20.3	163.83	0.076
1	10/3/2012	0.00	18.3	157.48	-2.57
0	5/19/2014	0.49	13.0	163.8	0.99

0	11/11/2014	0.04	19.5	167.64	0.67
0	10/21/2015	0.82	20.3	165.1	0.27
0	8/23/2014	1.15	6.4	119.4	0.39
0	1/22/2015	0.26	19.4	162.56	-0.11
0	7/19/2012	0.00	15.6	158.11	-0.65
0	8/18/2009	2.11	15.3	158	-0.64
0	8/6/2013	0.46	17.5	170.2	1.11
0	1/22/2014	0.00	19.0	161.3	-0.3
0	2/12/2010	0.76	15.7	168.7	0.98
0	3/20/2012	3.87	16.2	165.74	0.48
0	10/26/2010	0.06	16.7	158.7	-0.63
0	12/18/2015	0.03	21.7	150	-2.05
1	1/23/2015	0.53	17.6	173.35	-0.34
0	11/4/2011	0.14	17.5	163.6	0.09
0	3/1/2010	0.15	11.3	134.8	-1.53
0	7/1/2007	3.34	11.3	148.9	0.39
0	6/4/2013	1.83	17.1	158.7	-0.65
0	1/21/2011	0.04	12.3	140.3	-1.75
0	5/24/2010	0.02	15.9	161.4	-0.17
1	12/6/2011	0.07	17.3	168	-1.03
0	12/3/2012	0.03	17.8	162.6	-0.08
0	10/13/2015	0.21	16.7	159	-0.59
0	9/15/2014	0.03	14.7	160.1	-0.21
0	5/18/2010	0.04	15.4	157.2	-0.77
1	5/14/2013	0.00	7.8	130.7	0.8
0	1/2/2014	0.21	19.6	175.3	1.86
0	4/16/2015	0.00	13.5	158.4	-0.08
1	10/22/2014	0.02	11.8	150	0.3
0	6/10/2014	0.00	17.9	164.5	0.22

Weight (kg)	Weight (SDS)	BMI	BMI (SDS)	BMI %ile	BMI2
47.20	-3.01	16.33	-3.53	1	0
31.70	-1.06	13.81	-2.53	1	0
27.67	-0.63	13.09	-2.37	1	0
45.80	-2.65	16.04	-3.01	1	0
42.64	-1.24	16.14	-1.71	4	0
9.82	-2.59	14.60	-1.69	5	0
31.50	-2.17	15.30	-1.63	5	0
55.57	-0.13	17.74	-1.57	6	0
48.99	-1.16	17.99	-1.56	6	0
20.59	-2.50	14.06	-1.50	7	0
56.70	-1.22	19.01	-1.32	9	0
59.42	0.18	18.34	-1.37	9	0
31.00	-2.15	15.77	-1.28	10	0
42.80	-2.17	18.05	-1.27	10	0
39.20	-0.78	16.11	-1.20	12	0
42.18	-2.47	18.75	-1.10	14	0
15.20	-2.17	14.33	-0.99	16	0
48.30	-1.08	18.87	-0.90	18	0
41.28	-0.53	16.54	-0.93	18	0
21.00	-1.46	14.58	-0.83	20	0
24.40	-1.08	14.99	-0.80	21	0
49.80	-0.24	17.86	-0.79	21	0
27.10	-4.44	17.30	-0.81	21	0
12.80	-1.49	14.58	-0.73	23	0
44.70	-1.59	19.35	-0.57	28	0
33.58	-0.66	16.31	-0.58	28	0
56.25	0.13	19.46	-0.54	29	0
55.10	-0.62	19.29	-0.52	30	0
40.80	-2.67	19.68	-0.52	30	0
26.20	-1.49	15.99	-0.46	32	0
37.30	-1.51	17.99	-0.39	35	0
34.40	-1.32	17.40	-0.38	35	0
39.46	-0.61	17.54	-0.38	35	0
68.04	-0.20	21.72	-0.37	36	0
64.01	-0.33	20.95	-0.37	36	0
73.94	0.46	21.37	-0.34	37	0
60.78	0.28	21.03	-0.22	41	0
50.00	-0.75	20.55	-0.21	42	0
38.10	-0.67	17.63	-0.21	42	0
42.27	-0.42	18.30	-0.08	47	0
15.42	0.71	15.88	-0.08	47	0
17.00	0.78	15.73	-0.04	48	0
48.08	-0.53	20.01	-0.02	49	0
53.52	0.03	20.14	-0.01	50	0
54.88	-0.20	21.44	0.02	51	0
50.12	-0.06	19.73	0.03	51	0

21.33	0.12	15.63	0.18	57	0
55.79	0.36	20.74	0.20	58	0
74.84	0.52	23.01	0.23	59	0
74.16	0.75	22.02	0.23	59	0
54.30	-0.33	22.31	0.22	59	0
53.52	-0.26	21.99	0.24	59	0
52.70	-0.14	21.38	0.27	61	0
70.31	0.28	22.70	0.27	61	0
50.35	0.81	18.95	0.29	61	0
41.28	0.07	18.59	0.32	63	0
56.70	-0.06	21.08	0.37	64	0
58.06	0.23	22.97	0.48	68	0
76.20	0.49	24.32	0.46	68	0
73.20	0.48	24.18	0.62	73	0
42.18	1.04	18.50	0.62	73	0
77.34	1.20	22.84	0.64	74	0
13.40	-0.15	16.54	0.69	75	0
58.97	0.80	21.93	0.72	76	0
67.13	0.80	24.66	0.74	77	0
70.30	0.67	23.22	0.76	78	0
66.10	0.97	23.99	0.79	79	0
69.40	0.73	23.40	0.86	81	0
90.71	1.72	24.51	0.91	82	0
69.85	0.35	24.75	0.95	83	0
65.30	1.49	22.07	1.00	84	0
68.04	1.00	25.61	1.04	85	1
47.74	0.90	21.50	1.07	86	1
65.88	0.68	27.43	1.18	88	1
64.86	0.84	26.31	1.20	88	1
68.04	0.89	27.60	1.22	89	1
53.30	0.89	23.38	1.26	90	1
68.10	0.87	28.71	1.37	91	1
52.20	0.55	23.51	1.34	91	1
73.03	1.17	28.53	1.33	91	1
66.80	1.02	27.45	1.38	92	1
85.68	1.83	28.63	1.46	93	1
70.76	1.24	27.99	1.46	93	1
74.60	1.33	30.07	1.58	94	1
80.06	1.60	29.41	1.52	94	1
72.57	1.72	26.66	1.59	94	1
62.90	0.71	26.18	1.60	95	1
63.50	2.14	23.80	1.67	95	1
87.09	1.37	29.78	1.72	96	1
29.12	1.79	18.94	1.76	96	1
95.00	1.76	29.65	1.72	96	1
43.27	2.26	21.76	1.92	97	1
40.82	1.65	22.40	1.84	97	1
70.20	1.69	27.42	1.86	97	1

83.01	1.71	32.83	1.84	97	1
98.10	2.32	32.03	1.99	98	1
82.74	-1.15	30.76	1.99	98	1
53.10	2.38	25.26	2.07	98	1
70.31	1.49	30.84	1.98	98	1
73.03	2.14	29.63	2.14	98	1
81.65	2.04	28.93	1.99	98	1
144.95	2.93	47.88	2.37	99	1
81.30	3.05	29.97	2.38	99	1
154.22	2.95	49.79	2.45	99	1
50.43	3.29	29.39	2.80	99	1
85.28	1.96	35.04	2.19	99	1
131.77	3.12	38.92	2.68	99	1
105.69	2.98	39.30	2.49	99	1
120.66	2.65	36.58	2.45	99	1
101.30	2.28	37.21	2.22	99	1
84.40	2.15	34.68	2.29	99	1
65.00	2.86	32.24	2.60	99	1
64.01	2.88	26.99	2.24	99	1
132.90	2.99	38.01	2.49	99	1
95.53	2.91	33.06	2.34	99	1
64.86	3.38	27.20	2.49	99	1
119.7	2.78	37.78	2.61	99	1
79.4	1.58	31.82	1.69	95	1
73.6	1.41	28.75	1.56	94	1
75.3	1.55	27	1.43	92	1
85.5	1.75	32.98	1.74	99	1
97.3	2.27	30.71	2.05	98	1
67.1	0.67	23.4	0.92	82	0
53	-0.41	22.64	0.37	64	0
53.52	-0.22	21.71	0.18	57	0
53.8	-0.42	20	-0.56	29	0
65.6	0.96	26.61	1.31	90	1
41	-2.8	18.27	-1.39	<85	1
81.65	1.6	34.01	1.83	97	1
89.36	2.22	30.75	2.18	99	1
77.57	1.55	26.84	1.26	90	1
48.6	0.06	18.8	0.04	52	0
55.5	0.14	22.5	0.54	71	0
62.15	0.37	21.46	-0.08	<85	1
62.5	0.36	21.03	0.28	61	0
61.2	0.58	24.3	0.85	80	0
59.9	0.65	23.34	0.83	80	0
49.7	-0.084	18.7	-0.32	37	0
107.05	2.35	38.1	2.14	98	1
70.76	1.01	26.4	1.02	<85	1
48.54	-2.46	19.69	-1.01	16	0
91.23	2.6	34	2.34	99	1

83.92	1.7	29.86	1.5	93	1
87.54	1.83	32.12	1.67	99	1
22.68	0.44	15.91	0.38	65	0
54.43	-0.37	20.6	-0.35	36	0
85.73	1.97	34.34	2.14	98	1
49	-0.43	19.6	-0.17	43	0
62.14	0.62	21.5	0.11	54	0
54.9	-0.27	21.2	21.1	44	0
97.8	2.29	34.4	2.14	98	1
63.64	0.85	23.2	0.71	76	0
61.1	0.61	24.3	0.89	81	0
45.36	-1.82	20.2	-0.52	<85	1
54.16	-1.35	18.02	-1.64	5	0
72.7	1.31	27.03	1.31	90	1
32.6	-0.88	17.94	0.1	54	0
48.2	1.02	21.74	1.16	88	1
56.2	0.11	22.23	0.4	66	0
35.6	-1	18.1	-0.09	47	0
74	1.48	28.4	1.59	94	1
121.1	2.8	43	2.88	99	1
61.1	0.61	23	0.53	70	0
47.2	-1.03	18.67	-0.81	21	0
64.6	1.11	25.2	1.28	90	1
46	-0.88	18.61	-0.58	28	0
30.6	1.19	17.9	1.08	86	1
70.8	1.04	23.1	0.38	65	0
58.9	1	23.5	1.13	87	1
36.9	-0.35	16.4	-0.65	26	0
102.7	2.27	38	2.18	99	1

ALB	InALB	ALBScore	ALT	InALT
5	1.609	0	8	2.079
4.5	1.504	0	17	2.833
4.6	1.526	0	30	3.401
4.7	1.548	0	7	1.946
3.8	1.335	0	13	2.565
4.9	1.589	0	12	2.485
4.5	1.504	0	19	2.944
4.7	1.548	0	11	2.398
4.4	1.482	0	12	2.485
5	1.609	0	13	2.565
4.6	1.526	0	13	2.565
4.4	1.482	0	9	2.197
3.9	1.361	0	13	2.565
3.9	1.361	0	69	4.234
3.8	1.335	0	18	2.890
5.1	1.629	0	8	2.079
3.9	1.361	0	23	3.135
4.7	1.548	0	14	2.639
4.1	1.411	0	13	2.565
3.7	1.308	0	18	2.890
3.7	1.308	0	11	2.398
4.7	1.548	0	16	2.773
4.3	1.459	0	20	2.996
4.4	1.482	0	17	2.833
4.9	1.589	0	12	2.485
4.3	1.459	0	8	2.079
4	1.386	0	7	1.946
4.4	1.482	0	12	2.485
5.4	1.686	0	18	2.890
4.1	1.411	0	17	2.833
4.8	1.569	0	7	1.946
4	1.386	0	19	2.944
4.9	1.589	0	8	2.079
4.6	1.526	0	17	2.833
4.4	1.482	0	9	2.197
5	1.609	0	10	2.303
4.3	1.459	0	13	2.565
4.4	1.482	0	9	2.197
4.5	1.504	0	9	2.197
5	1.609	0	9	2.197
4.6	1.526	0	10	2.303
4.1	1.411	0	21	3.045
4.8	1.569	0	10	2.303
4.6	1.526	0	10	2.303
4.2	1.435	0	355	5.872
3.9	1.361	0	12	2.485

4.7	1.548	0	17	2.833
4.3	1.459	0	8	2.079
4.7	1.548	0	14	2.639
4.9	1.589	0	14	2.639
4.8	1.569	0	11	2.398
4.7	1.548	0	13	2.565
5	1.609	0	9	2.197
5.1	1.629	0	15	2.708
4.4	1.482	0	16	2.773
4.7	1.548	0	9	2.197
4.4	1.482	0	14	2.639
4.5	1.504	0	8	2.079
4.8	1.569	0	7	1.946
5	1.609	0	15	2.708
4.3	1.459	0	10	2.303
4.6	1.526	0	11	2.398
4.9	1.589	0	19	2.944
4	1.386	0	12	2.485
4.2	1.435	0	23	3.135
3.8	1.335	0	28	3.332
5.5	1.705	0	15	2.708
5	1.609	0	12	2.485
4.6	1.526	0	21	3.045
5.2	1.649	0	6	1.792
4.9	1.589	0	15	2.708
4.6	1.526	0	14	2.639
4.7	1.548	0	10	2.303
4.5	1.504	0	14	2.639
4	1.386	0	21	3.045
4.6	1.526	0	16	2.773
4.6	1.526	0	14	2.639
4.4	1.482	0	10	2.303
4.9	1.589	0	12	2.485
4.4	1.482	0	11	2.398
4.5	1.504	0	8	2.079
4.4	1.482	0	10	2.303
4.7	1.548	0	16	2.773
4.3	1.459	0	15	2.708
4.5	1.504	0	8	2.079
4.8	1.569	0	14	2.639
4.5	1.504	0	23	3.135
4.6	1.526	0	23	3.135
4.6	1.526	0	18	2.890
4.7	1.548	0	13	2.565
4.9	1.589	0	19	2.944
4.4	1.482	0	35	3.555
4.9	1.589	0	30	3.401
4.1	1.411	0	22	3.091

3.9	1.361	0	13	2.565
4.1	1.411	0	32	3.466
4.1	1.411	0	14	2.639
5	1.609	0	17	2.833
4.8	1.569	0	14	2.639
4.7	1.548	0	11	2.398
4.5	1.504	0	99	4.595
4.1	1.411	0	13	2.565
4.2	1.435	0	20	2.996
4.3	1.459	0	19	2.944
4.6	1.526	0	16	2.773
4.5	1.504	0	17	2.833
5	1.609	0	37	3.611
4.1	1.411	0	12	2.485
4.3	1.459	0	21	3.045
3.6	1.281	0	16	2.773
4.5	1.504	0	13	2.565
4.3	1.459	0	36	3.584
4.6	1.526	0	19	2.944
5.1	1.629	0	14	2.639
4.6	1.526	0	8	2.079
4.1	1.411	0	16	2.773
4.6	1.526	0	29	3.367
3.9	1.361	0	15	2.708
4.4	1.482	0	12	2.485
			9	2.197
4.9	1.589	0	10	2.303
4.5	1.504	0	31	3.434
4.1	1.411	0	12	2.485
4	1.386	0	12	2.485
4	1.386	0	16	2.773
4.5	1.504	0	15	2.708
3.9	1.361	0	18	2.890
4.4	1.482	0	9	2.197
4.9	1.589	0	10	2.303
4.3	1.459	0	19	2.944
4.9	1.589	0	13	2.565
5	1.609	0	10	2.303
4.1	1.411	0	147	4.990
4.5	1.504	0	23	3.135
4	1.386	0	15	2.708
4.8	1.569	0	8	2.079

4.6	1.526	0	20	2.996
4.5	1.504	0	16	2.773
4.5	1.504	0	27	3.296
4.3	1.459	0	12	2.485
4.5	1.504	0	10	2.303
4	1.386	0	9	2.197
4.7	1.548	0	11	2.398
4.3	1.459	0	18	2.890
4	1.386	0	19	2.944
4.4	1.482	0	14	2.639
4	1.386	0	15	2.708
			14	2.639
			32	3.466
4.1	1.411	0	19	2.944
4.4	1.482	0	40	3.689
4.6	1.526	0	16	2.773
4	1.386	0	17	2.833
4.7	1.548	0	13	2.565
4	1.386	0	31	3.434
4.1	1.411	0	15	2.708
4.3	1.459	0	10	2.303
4.4	1.482	0	12	2.485
4.7	1.548	0	17	2.833
4.5	1.504	0	20	2.996
4.5	1.504	0	7	1.946
4	1.386	0	20	2.996
2.3	0.833	0	11	2.398

ALTScore	VitaminD (ng/mL)	Vit D (nmol/L)	InVitD
1	9	22.41	3.110
1	29	72.21	4.280
1	35	87.15	4.468
1	45	112.05	4.719
1	22	54.78	4.003
1	17	42.33	3.745
1	36	89.64	4.496
1	18	44.82	3.803
1	29	72.21	4.280
1	29	72.21	4.280
1	19	47.31	3.857
1	24	59.76	4.090
1	19	47.31	3.857
0	21	52.29	3.957
1	20	49.8	3.908
1	22	54.78	4.003
1	24	59.76	4.090
1	11	27.39	3.310
1	21	52.29	3.957
1	33	82.17	4.409
1	37	92.13	4.523
1	24	59.76	4.090
1	24	59.76	4.090
1	42	104.58	4.650
1	19	47.31	3.857
1	38	94.62	4.550
1	64	159.36	5.071
1	18	44.82	3.803
1	28	69.72	4.244
1	59	146.91	4.990
1	21	52.29	3.957
1	27	67.23	4.208
1	33	82.17	4.409
1	21	52.29	3.957
1	28	69.72	4.244
1	13	32.37	3.477
1	57	141.93	4.955
1	14	34.86	3.551
1	28	69.72	4.244
1	17	42.33	3.745
1	33	82.17	4.409
1	25	62.25	4.131
1	28	69.72	4.244
1	34	84.66	4.439
0	33	82.17	4.409
1	52	129.48	4.864

1	26	64.74	4.170
1	38	94.62	4.550
1	9	22.41	3.110
1	20	49.8	3.908
1	21	52.29	3.957
1	35	87.15	4.468
1	21	52.29	3.957
1	25	62.25	4.131
1	26	64.74	4.170
1	26	64.74	4.170
1	19	47.31	3.857
1	24	59.76	4.090
1	36	89.64	4.496
1	27	67.23	4.208
1	32	79.68	4.378
1	37	92.13	4.523
1	28	69.72	4.244
1	37	92.13	4.523
1	30	74.7	4.313
1	49	122.01	4.804
1	31	77.19	4.346
1	13	32.37	3.477
1	31	77.19	4.346
1	25	62.25	4.131
1	23	57.27	4.048
1	49	122.01	4.804
1	17	42.33	3.745
1	22	54.78	4.003
1	25	62.25	4.131
1	24	59.76	4.090
1	27	67.23	4.208
1	17	42.33	3.745
1	24	59.76	4.090
1	33	82.17	4.409
1	28	69.72	4.244
1	13	32.37	3.477
1	22	54.78	4.003
1	24	59.76	4.090
1	17	42.33	3.745
1	34	84.66	4.439
1	13	32.37	3.477
1	21	52.29	3.957
1	21	52.29	3.957
1	19	47.31	3.857
1	26	64.74	4.170
1	20	49.8	3.908
1	21	52.29	3.957
1	25	62.25	4.131

1	39	97.11	4.576
1	14	34.86	3.551
1	18	44.82	3.803
1	26	64.74	4.170
1	24	59.76	4.090
1	16	39.84	3.685
0	25	62.25	4.131
1	9	22.41	3.110
1	78	194.22	5.269
1	6	14.94	2.704
1	15	37.35	3.620
1	16	39.84	3.685
1	16	39.84	3.685
1	21	52.29	3.957
1	21	52.29	3.957
1	23	57.27	4.048
1	23	57.27	4.048
1	23	57.27	4.048
1	24	59.76	4.090
1	24	59.76	4.090
1	25	62.25	4.131
1	26	64.74	4.170
0	15	37.35	3.620
	13	32.37	3.477
0	14	34.86	3.551
0	14	34.86	3.551
0	15	37.35	3.620
0	15	37.35	3.620
0	15	37.35	3.620
	15	37.35	3.620
	15.19	37.82	3.633
0	18	44.82	3.803
	15	37.35	3.620
0	18	44.82	3.803
0	19	47.31	3.857
	20	49.80	3.908
0	20	49.80	3.908
0	17	42.33	3.745
0	21	52.29	3.957
0	22	54.78	4.003
0	20	49.80	3.908
0	23	57.27	4.048
0	23	57.27	4.048
1	19	47.31	3.857
0	18	44.82	3.803
0	24	59.76	4.090
0	24	59.76	4.090
	24	59.76	4.090

0	24	59.76	4.090
0	24	59.76	4.090
0	25	62.25	4.131
0	25	62.25	4.131
0	26	64.74	4.170
0	26	64.74	4.170
	26	64.74	4.170
0	18	44.82	3.803
0	24	59.76	4.090
0	19	47.31	3.857
0	17	42.33	3.745
0	17	42.33	3.745
0	28	69.72	4.244
0	29	72.21	4.280
0	29	72.21	4.280
1	20	49.80	3.908
0	11	27.39	3.310
0	21	52.29	3.957
0	19	47.31	3.857
0	21	52.29	3.957
0	32	79.68	4.378
0	36	89.64	4.496
0	26.6	66.23	4.193
0	18	44.82	3.803
0	39	97.11	4.576
	43	107.07	4.673
0	22	54.78	4.003
0	17	42.33	3.745
0	17	42.33	3.745

Vit-D draw date	Season	SeasonCode	Race	RaceCode
1/9/2013	winter	1	Black	0
2/19/2010	winter	1	White	1
4/22/2011	spring	1	White	1
8/2/2012	summer	0	White	1
11/17/2010	fall	0	White	1
1/26/2011	winter	1	Asian	0
8/19/2010	summer	0	White	1
3/20/2012	winter	1	White	1
6/19/2012	summer	1	White	1
3/4/2013	winter	1	Other	0
6/17/2010	spring	1	Not avail	0
7/28/2011	summer	0	White	1
4/22/2011	spring	1	White	1
8/29/2011	summer	0	White	1
12/14/2011	fall	0	Black	0
6/21/2011	summer	0	White	1
5/11/2012	spring	1	White	1
4/6/2013	spring	1	Hispanic	0
5/20/2013	spring	1	White	1
11/01/2012	fall	0	White	1
9/1/2009	summer	0	Black	0
11/29/2012	fall	0	White	1
9/28/2012	fall	0	White	1
10/28/2010	fall	0	White	1
1/30/2013	winter	1	Refused	0
6/22/2009	summer	0	White	1
9/4/2012	summer	0	White	1
12/13/2011	fall	0	White	1
10/27/2011	fall	0	White	1
9/19/2012	summer	0	White	1
7/18/2012	summer	0	White	1
12/7/2010	fall	0	White	1
6/3/2013	spring	1	White	1
7/12/2012	summer	0	White	1
11/29/2011	fall	0	White	1
1/20/2012	winter	1	Unknown	0
8/24/2012	summer	0	White	1
04/25/2012	spring	1	Black	0
2/7/2013	winter	1	White	1
12/21/2012	winter	1	Black	0
1/24/2013	winter	1	White	1
10/3/2012	fall	0	Black	0
5/8/2012	spring	1	White	1
5/3/2012	spring	1	White	1
11/26/2012	fall	0	White	1
8/3/2010	summer	0	White	1

3/22/2011	spring	1	White	1
8/9/2012	summer	0	White	1
12/30/2010	winter	1	White	1
3/28/2011	spring	1	White	1
12/27/2011	winter	1	White	1
9/24/2012	fall	0	White	1
12/22/2012	winter	1	Asian	0
6/21/2012	summer	0	White	1
3/6/2013	winter	1	White	1
10/22/2012	fall	0	White	1
1/18/2013	winter	1	White	1
03/28/2013	spring	1	White	1
7/11/2012	summer	0	White	1
5/22/2013	spring	1	White	1
5/31/2013	spring	1	White	1
8/26/2011	summer	0	White	1
5/23/2013	spring	1	White	1
5/29/2012	spring	1	White	1
5/24/2012	spring	1	White	1
10/5/2012	fall	0	Unknown	0
11/5/2012	fall	0	White	1
3/7/2011	winter	1	White	1
6/4/2009	spring	1	White	1
8/30/2012	summer	0	White	1
8/24/2012	summer	0	Hispanic	0
9/23/2011	fall	0	White	1
4/22/2013	spring	1	White	1
10/19/2012	fall	0	White	1
1/17/2013	winter	1	White	1
1/29/2013	winter	1	White	1
9/18/2012	summer	0	Hispanic	0
3/20/2012	winter	1	Asian	0
6/6/2013	spring	1	Other	0
8/15/2012	summer	0	White	1
12/29/2011	winter	1	White	1
3/5/2013	winter	1	White	1
03/15/2013	winter	1	White	1
4/26/2010	spring	1	Other/Brazilian	0
12/1/2011	fall	0	White	1
9/21/2012	fall	0	White	1
9/13/2012	summer	0	Asian	0
8/28/2012	summer	0	White	1
7/7/2011	summer	0	Black	0
3/29/2013	spring	1	White	1
10/12/2012	fall	0	White	1
08/20/2012	summer	0	Black	0
8/24/2011	summer	0	White	1
10/16/2012	fall	0	White	1

7/20/2011	summer	0	White	1
4/13/2013	spring	1	Hispanic	0
9/19/2012	summer	0	Hispanic	0
12/14/2012	fall	0	Hispanic	0
8/8/2011	summer	0	Unknown	0
11/8/2011	fall	0	White	1
9/19/2011	summer	0	White	1
08/15/2012	summer	0	Black	0
5/28/2009	spring	1	Multi	0
5/2/2012	spring	1	Other	0
12/10/2012	fall	0	White	1
1/12/2012	winter	1	White	1
5/2/2012	spring	1	White	1
11/10/2011	fall	0	White	1
9/27/2010	fall	0	White	1
07/08/2011	summer	0	White	1
11/13/2012	fall	0	White	1
11/19/2012	fall	0	White	1
12/10/2012	fall	0	White	1
12/12/2011	fall	0	White	1
11/30/2011	fall	0	White	1
8/25/2008	summer	0	White	1
10/17/2013	fall	0	white	1
1/7/2011	winter	1	white	1
4/20/2015	spring	1	white	1
3/4/2011	winter	1	white	1
11/9/2015	spring	1	Hispanic	0
3/11/2015	winter	1	white	1
10/11/2012	fall	0	Asian	0
5/17/2012	spring	1	Asian	0
12/4/2012	fall	0	white	1
12/15/2015	fall	0	white	1
9/9/2014	winter	1	Hispanic	0
12/3/2015	winter	1	black	0
7/29/2015	summer	0	white	1
10/23/2015	fall	0	white	1
1/4/2016	winter	1	white	1
1/19/2011	winter	1	white	1
12/6/2012	winter	1	white	1
1/12/2016	winter	1	white	1
6/6/2011	summer	0	white	1
5/14/2015	spring	1	white	1
4/6/2012	spring	1	white	1
4/6/2012	spring	1	white	1
10/14/2012	winter	1	white	1
4/2/2015	spring	1	white	1
10/3/2012	fall	0	white	1
11/13/2014	fall	0	white	1

11/25/2014	summer	0	white	1
8/14/2016	summer	0	Indian	0
10/16/2015	fall	0	Hispanic	0
4/27/2015	winter	1	white	1
7/19/2012	summer	0	Asian	0
9/28/2011	fall	0	white	1
1/21/2014	winter	1	white	1
1/22/2014	winter	1	white	1
11/17/2010	fall	0	white	1
2/2/2016	winter	1	white	1
11/18/2010	fall	0	white	1
12/30/2015	spring	1	Hispanic	0
8/5/2015	summer	0	arab/white	1
12/24/2011	fall	0	white	1
4/25/2010	winter	1	arab/white	1
11/2/2010	fall	0	white	1
4/2/2015	fall	0	Hispanic	0
2/5/2011	winter	1	white	1
5/30/2010	fall	0	white	1
12/30/2011	fall	0	white	1
12/15/2012	winter	1	Hispanic	0
12/28/2015	winter	1	white	1
9/26/2014	fall	0	white	1
6/3/2010	winter	1	Hispanic	0
8/13/2012	summer	0	white	1
3/21/2014	spring	1	white	1
11/25/2014	winter	1	white	1
10/30/2014	fall	0	white	1
6/11/2014	summer	0	white	1