

SUPPLEMENTARY TABLES**Supplementary Table 1: Cut-offs for public health significance for the malnutrition parameters stunting, wasting and underweight in children under 5 (adapted from ²²)**

Malnutrition Parameter	Label	Prevalence Threshold (%)
Wasting	Very Low	< 2.5
	Low	2.5 – 5
	Medium	5 – 10
	High	10 – 15
	Very High	≥ 15
Overweight	Very Low	< 2.5
	Low	2.5 – 5
	Medium	5 – 10
	High	10 – 15
	Very High	≥ 15
Stunting	Very Low	< 2.5
	Low	2.5 – 10
	Medium	10 – 20
	High	20 – 30
	Very High	≥ 30

Supplementary Table 2: Status of Malnutrition prevalence in 10 highest API states as per 2015 data

State	Total Malaria Cases	API	SPR	Stunting (%)	Wasting (%)	Under-weight (%)	Anemia in children (%)	Anemia in woman (%)	Anemia in Men (%)
Mizoram	28593	32.08	8.93	28.1	6.1	12	19.3	24.8	12.1
Meghalaya	46247	25.96	9.26	43.8	15.3	28.9	48	56.2	32.4
Odisha	436850	12.88	6.16	34.1	20.4	34.4	44.6	51	28.4
Chattisgarh	144886	11.89	4.56	37.6	23.1	37.7	41.6	47	22.2
Tripura	32525	9.26	6.63	24.3	16.8	24.1	48.3	54.5	24.7
Arunachal Pradesh	4878	3.66	3.46	29.4	17.3	19.4	54.2	43.2	18.6
Jharkhand	105843	3.46	5.14	45.3	29	47.8	69.9	65.2	29.9
Andaman & Nicobar Islands	409	2.52	0.9	23.3	18.9	21.6	49	65.7	30.8
Madhya Pradesh	100447	1.56	1.08	42	25.8	42.8	68.9	52.5	25.5
Dadra & Nagar Haveli	418	1.22	0.71	41.7	27.6	38.9	84.6	79.5	30.7

Supplementary Table 3: Status of Malnutrition prevalence in Indian states as per 2015 data

State	Total Malaria Cases	API	SPR	Stunting (%)	Wasting (%)	Under-weight (%)	Anemia in children (%)	Anemia in woman (%)	Anemia in Men (%)
Andaman & Nicobar Islands	409	2.52	0.9	23.3	18.9	21.6	49	65.7	30.8
Andhra Pradesh	25042	0.48	0.31	31.4	17.2	31.9	58.6	60	27
Arunachal Pradesh	4878	3.66	3.46	29.4	17.3	19.4	54.2	43.2	18.6
Assam	14255	0.59	0.49	36.4	17	29.8	35.7	46	25.4
Bihar	4006	0.04	1.01	48.3	20.8	43.9	63.5	60.3	32.3
Chattisgarh	144886	11.89	4.56	37.6	23.1	37.7	41.6	47	22.2
Dadra & Nagar Haveli	418	1.22	0.71	41.7	27.6	38.9	84.6	79.5	30.7
Daman & Diu	84	0.35	0.25	23.4	24.1	26.7	73.8	58.9	23.6
Goa	651	0.44	0.16	20.1	21.9	23.8	48.3	31.3	11
Gujarat	24282	0.51	0.23	38.5	26.4	39.3	62.6	54.9	21.6
Haryana	9308	0.35	0.47	34	21.2	29.4	71.7	62.7	20.9
Himachal Pradesh	60	0.02	0.01	26.3	13.7	21.2	53.7	53.5	20.1
Jammu And Kashmir	216	0.04	0.14	27.4	12.2	16.6	53.8	48.9	20.4
Jharkhand	105843	3.46	5.14	45.3	29	47.8	69.9	65.2	29.9
Karnataka	11996	0.22	0.13	36.2	26.1	35.2	60.9	44.8	18.3
Kerala	1549	0.05	0.06	19.7	15.7	16.1	35.7	34.3	11.8
Ladakh	20.60	12.40	7.40	30.9	9.3	18.7	91.4	78.4	41.2
Lakshadweep	0	0	0	26.8	13.7	23.6	53.6	46	11.4
Madhya Pradesh	100447	1.56	1.08	42	25.8	42.8	68.9	52.5	25.5
Maharashtra	56547	0.99	0.22	34.4	25.6	36	53.8	48	17.7
Manipur	183	0.07	0.16	28.9	6.8	13.8	23.9	26.4	9.5
Meghalaya	46247	25.96	9.26	43.8	15.3	28.9	48	56.2	32.4
Mizoram	28593	32.08	8.93	28.1	6.1	12	19.3	24.8	12.1
Nagaland	1267	0.88	0.72	28.6	11.3	16.7	26.4	27.9	11.7
NCT Of Delhi	54	0	0.03	31.9	15.9	27	59.7	54.3	21.6
Odisha	436850	12.88	6.16	34.1	20.4	34.4	44.6	51	28.4
Puducherry	54	0.04	0.04	24	23.8	22.7	43.8	52.4	15.9
Punjab	596	0.02	0.03	25.7	15.6	21.6	56.6	53.5	25.9
Rajasthan	11796	0.18	0.15	39.1	23	36.7	60.3	46.8	17.2
Sikkim	27	0.17	1.64	29.6	14.2	14.2	55.1	34.9	15.8

Tamilnadu	4738	0.04	0.06	30.9	22.2	29.8	64.2	53.2	16.6
Telengana	10282	0.4	0.35	28	18.1	28.4	60.7	56.6	15.3
Tripura	32525	9.26	6.63	24.3	16.8	24.1	48.3	54.5	24.7
Uttar Pradesh	42767	0.24	1.73	46.3	17.9	39.5	63.2	52.4	23.7
Uttarakhand	1348	0.07	0.24	33.5	19.5	26.6	59.8	45.2	15.5
West Bengal	23620	0.3	0.37	32.5	20.3	31.6	54.2	62.5	30.3

Supplementary Table 4: ROC analysis for stunting

Cutpoint	Sensitivity	Specificity	Correctly Classified	LR+	LR-
(>=12.4)	100.00%	0.00%	22.30%	1	
(>=13.3)	100.00%	0.21%	22.46%	1.0021	0
(>=14.4)	100.00%	0.42%	22.62%	1.0042	0
(>=14.5)	100.00%	0.63%	22.79%	1.0064	0
(>=15.1)	100.00%	0.84%	22.95%	1.0085	0
(>=15.3)	100.00%	1.05%	23.11%	1.0107	0
(>=16.1)	100.00%	1.27%	23.28%	1.0128	0
(>=16.4)	100.00%	1.48%	23.44%	1.015	0
(>=16.8)	100.00%	1.69%	23.61%	1.0172	0
(>=17.2)	99.26%	1.69%	23.44%	1.0097	0.4357
(>=17.6)	99.26%	1.90%	23.61%	1.0119	0.3873
(>=18)	99.26%	2.11%	23.77%	1.014	0.3485
(>=18.3)	98.53%	2.32%	23.77%	1.0087	0.6337
(>=18.4)	98.53%	2.53%	23.93%	1.0109	0.5809
(>=18.6)	98.53%	2.74%	24.10%	1.0131	0.5362
(>=18.7)	98.53%	2.95%	24.26%	1.0153	0.4979
(>=18.9)	98.53%	3.38%	24.59%	1.0197	0.4357
(>=19)	98.53%	3.59%	24.75%	1.0219	0.41
(>=19.5)	98.53%	4.01%	25.08%	1.0264	0.3669
(>=19.6)	98.53%	4.64%	25.57%	1.0333	0.3168
(>=19.8)	98.53%	4.85%	25.74%	1.0355	0.3031
(>=20.1)	97.79%	5.06%	25.74%	1.0301	0.4357
(>=20.2)	97.79%	5.27%	25.90%	1.0324	0.4182
(>=20.3)	97.79%	5.49%	26.07%	1.0347	0.4022
(>=20.8)	97.06%	5.49%	25.90%	1.0269	0.5362
(>=20.9)	97.06%	5.91%	26.23%	1.0315	0.4979
(>=21)	97.06%	6.12%	26.39%	1.0338	0.4807
(>=21.1)	95.59%	6.33%	26.23%	1.0205	0.6971
(>=21.2)	94.85%	6.54%	26.23%	1.0149	0.787
(>=21.3)	94.85%	6.96%	26.56%	1.0195	0.7393
(>=21.4)	94.85%	7.17%	26.72%	1.0218	0.7176
(>=21.5)	94.85%	7.38%	26.89%	1.0242	0.6971
(>=22)	94.85%	7.59%	27.05%	1.0265	0.6777
(>=22.1)	94.85%	8.02%	27.38%	1.0312	0.642
(>=22.3)	94.85%	8.23%	27.54%	1.0336	0.6256
(>=22.4)	94.12%	8.44%	27.54%	1.0279	0.6971
(>=22.5)	94.12%	9.07%	28.03%	1.0351	0.6484

(>=22.6)	94.12%	9.28%	28.20%	1.0375	0.6337
(>=23.2)	94.12%	9.92%	28.69%	1.0448	0.5932
(>=23.3)	94.12%	10.34%	29.02%	1.0497	0.569
(>=23.5)	94.12%	11.18%	29.67%	1.0597	0.5261
(>=23.7)	93.38%	11.60%	29.84%	1.0564	0.5703
(>=23.8)	92.65%	11.60%	29.67%	1.0481	0.6337
(>=23.9)	92.65%	11.81%	29.84%	1.0506	0.6224
(>=24)	91.91%	11.81%	29.67%	1.0423	0.6846
(>=24.1)	91.91%	12.24%	30.00%	1.0473	0.661
(>=24.2)	91.91%	12.87%	30.49%	1.0549	0.6285
(>=24.3)	91.18%	13.08%	30.49%	1.049	0.6746
(>=24.5)	91.18%	13.29%	30.66%	1.0515	0.6639
(>=24.6)	91.18%	13.71%	30.98%	1.0567	0.6434
(>=24.7)	90.44%	14.14%	31.15%	1.0533	0.6763
(>=25)	90.44%	14.98%	31.80%	1.0637	0.6382
(>=25.1)	89.71%	15.19%	31.80%	1.0577	0.6777
(>=25.2)	89.71%	15.82%	32.30%	1.0657	0.6506
(>=25.3)	89.71%	16.03%	32.46%	1.0684	0.642
(>=25.4)	88.24%	16.24%	32.30%	1.0535	0.7242
(>=25.5)	87.50%	16.67%	32.46%	1.05	0.75
(>=25.6)	87.50%	17.09%	32.79%	1.0553	0.7315
(>=25.7)	87.50%	17.72%	33.28%	1.0635	0.7054
(>=25.9)	87.50%	17.93%	33.44%	1.0662	0.6971
(>=26)	87.50%	18.14%	33.61%	1.0689	0.689
(>=26.1)	87.50%	18.57%	33.93%	1.0745	0.6733
(>=26.2)	86.03%	18.57%	33.61%	1.0564	0.7525
(>=26.3)	86.03%	18.99%	33.93%	1.0619	0.7358
(>=26.5)	85.29%	19.41%	34.10%	1.0584	0.7577
(>=26.6)	85.29%	19.62%	34.26%	1.0611	0.7495
(>=26.7)	85.29%	19.83%	34.43%	1.0639	0.7416
(>=26.8)	85.29%	20.04%	34.59%	1.0667	0.7337
(>=26.9)	85.29%	20.25%	34.75%	1.0696	0.7261
(>=27)	85.29%	20.68%	35.08%	1.0753	0.7113
(>=27.2)	84.56%	21.10%	35.25%	1.0717	0.7319
(>=27.3)	84.56%	21.31%	35.41%	1.0746	0.7247
(>=27.4)	84.56%	22.15%	36.07%	1.0862	0.6971
(>=27.5)	84.56%	22.36%	36.23%	1.0892	0.6905
(>=27.6)	84.56%	22.57%	36.39%	1.0921	0.684
(>=27.7)	84.56%	23.00%	36.72%	1.0981	0.6715
(>=27.8)	83.82%	23.21%	36.72%	1.0915	0.6971
(>=27.9)	83.82%	23.63%	37.05%	1.0976	0.6846
(>=28)	83.82%	24.05%	37.38%	1.1037	0.6726
(>=28.1)	83.09%	24.26%	37.38%	1.097	0.6971

(>=28.2)	82.35%	24.47%	37.38%	1.0904	0.7211
(>=28.3)	82.35%	24.68%	37.54%	1.0934	0.7149
(>=28.4)	81.62%	25.11%	37.70%	1.0898	0.7322
(>=28.5)	81.62%	25.53%	38.03%	1.0959	0.7201
(>=28.6)	81.62%	26.16%	38.52%	1.1053	0.7027
(>=28.7)	81.62%	26.79%	39.02%	1.1149	0.6861
(>=28.9)	81.62%	27.22%	39.34%	1.1214	0.6754
(>=29)	80.88%	27.43%	39.34%	1.1145	0.6971
(>=29.1)	80.15%	27.64%	39.34%	1.1076	0.7183
(>=29.3)	80.15%	28.06%	39.67%	1.1141	0.7075
(>=29.4)	80.15%	28.90%	40.33%	1.1273	0.6869
(>=29.6)	80.15%	29.75%	40.98%	1.1408	0.6674
(>=29.7)	80.15%	29.96%	41.15%	1.1443	0.6627
(>=29.8)	80.15%	30.17%	41.31%	1.1477	0.6581
(>=29.9)	80.15%	30.59%	41.64%	1.1547	0.649
(>=30)	80.15%	31.65%	42.46%	1.1725	0.6274
(>=30.1)	80.15%	32.28%	42.95%	1.1835	0.6151
(>=30.3)	79.41%	33.33%	43.61%	1.1912	0.6176
(>=30.5)	79.41%	33.76%	43.93%	1.1988	0.6099
(>=30.6)	79.41%	34.39%	44.43%	1.2103	0.5987
(>=30.8)	77.21%	34.60%	44.10%	1.1805	0.6588
(>=30.9)	76.47%	34.81%	44.10%	1.173	0.6759
(>=31)	76.47%	35.23%	44.43%	1.1807	0.6678
(>=31.1)	75.74%	35.23%	44.26%	1.1693	0.6887
(>=31.2)	75.74%	35.65%	44.59%	1.177	0.6806
(>=31.3)	75.74%	36.08%	44.92%	1.1848	0.6726
(>=31.4)	75.74%	36.29%	45.08%	1.1887	0.6687
(>=31.5)	75.74%	36.50%	45.25%	1.1926	0.6648
(>=31.8)	75.74%	36.92%	45.57%	1.2006	0.6572
(>=31.9)	75.00%	37.13%	45.57%	1.193	0.6733
(>=32)	75.00%	37.34%	45.74%	1.197	0.6695
(>=32.1)	75.00%	38.19%	46.39%	1.2133	0.6547
(>=32.2)	74.26%	38.40%	46.39%	1.2055	0.6702
(>=32.3)	74.26%	38.82%	46.72%	1.2138	0.663
(>=32.4)	73.53%	38.82%	46.56%	1.2018	0.6819
(>=32.5)	73.53%	39.03%	46.72%	1.206	0.6782
(>=32.6)	71.32%	39.66%	46.72%	1.1821	0.723
(>=32.7)	71.32%	39.87%	46.89%	1.1862	0.7192
(>=32.8)	71.32%	40.08%	47.05%	1.1904	0.7154
(>=32.9)	71.32%	40.30%	47.21%	1.1946	0.7117
(>=33)	71.32%	41.14%	47.87%	1.2117	0.6971
(>=33.1)	70.59%	41.14%	47.70%	1.1992	0.7149
(>=33.2)	70.59%	41.35%	47.87%	1.2036	0.7113

(>=33.3)	69.85%	41.56%	47.87%	1.1953	0.7254
(>=33.4)	69.85%	41.77%	48.03%	1.1996	0.7217
(>=33.5)	69.12%	42.19%	48.20%	1.1957	0.7319
(>=33.6)	68.38%	42.41%	48.20%	1.1873	0.7456
(>=33.7)	67.65%	43.04%	48.52%	1.1876	0.7517
(>=33.8)	67.65%	43.46%	48.85%	1.1964	0.7444
(>=33.9)	67.65%	43.67%	49.02%	1.2009	0.7408
(>=34)	67.65%	43.88%	49.18%	1.2054	0.7373
(>=34.1)	67.65%	44.51%	49.67%	1.2192	0.7268
(>=34.2)	67.65%	44.73%	49.84%	1.2238	0.7234
(>=34.3)	66.91%	44.94%	49.84%	1.2152	0.7363
(>=34.6)	66.18%	44.94%	49.67%	1.2018	0.7527
(>=34.7)	66.18%	45.15%	49.84%	1.2064	0.7492
(>=34.8)	63.97%	45.78%	49.84%	1.1798	0.787
(>=34.9)	63.97%	46.20%	50.16%	1.1891	0.7798
(>=35)	63.24%	46.41%	50.16%	1.1801	0.7921
(>=35.1)	63.24%	46.84%	50.49%	1.1894	0.785
(>=35.2)	62.50%	47.26%	50.66%	1.185	0.7935
(>=35.3)	62.50%	47.47%	50.82%	1.1898	0.79
(>=35.5)	61.76%	47.89%	50.98%	1.1853	0.7984
(>=35.6)	61.76%	48.73%	51.64%	1.2048	0.7846
(>=35.7)	61.76%	48.95%	51.80%	1.2098	0.7812
(>=35.8)	61.76%	49.37%	52.13%	1.2199	0.7745
(>=35.9)	61.76%	50.00%	52.62%	1.2353	0.7647
(>=36)	61.76%	50.21%	52.79%	1.2405	0.7615
(>=36.1)	61.76%	50.42%	52.95%	1.2458	0.7583
(>=36.2)	61.76%	50.84%	53.28%	1.2565	0.752
(>=36.3)	61.76%	51.48%	53.77%	1.2729	0.7428
(>=36.4)	60.29%	52.11%	53.93%	1.259	0.762
(>=36.5)	60.29%	52.32%	54.10%	1.2646	0.7589
(>=36.6)	60.29%	52.53%	54.26%	1.2702	0.7558
(>=36.7)	59.56%	53.38%	54.75%	1.2774	0.7577
(>=36.8)	58.82%	53.80%	54.92%	1.2732	0.7654
(>=36.9)	58.09%	54.01%	54.92%	1.263	0.776
(>=37)	56.62%	54.01%	54.59%	1.231	0.8033
(>=37.1)	56.62%	54.22%	54.75%	1.2367	0.8001
(>=37.2)	56.62%	54.64%	55.08%	1.2482	0.7939
(>=37.3)	55.15%	54.85%	54.92%	1.2215	0.8177
(>=37.4)	55.15%	55.06%	55.08%	1.2272	0.8146
(>=37.5)	55.15%	55.70%	55.57%	1.2447	0.8053
(>=37.6)	54.41%	55.91%	55.57%	1.234	0.8154
(>=37.7)	53.68%	56.12%	55.57%	1.2232	0.8255
(>=37.8)	53.68%	56.33%	55.74%	1.2291	0.8224

(>=37.9)	53.68%	56.96%	56.23%	1.2472	0.8132
(>=38.1)	52.94%	57.59%	56.56%	1.2485	0.8171
(>=38.3)	52.94%	58.23%	57.05%	1.2674	0.8082
(>=38.4)	52.21%	58.44%	57.05%	1.2561	0.8178
(>=38.5)	51.47%	59.07%	57.38%	1.2576	0.8215
(>=38.6)	51.47%	59.70%	57.87%	1.2773	0.8128
(>=38.7)	51.47%	60.13%	58.20%	1.2908	0.8071
(>=38.8)	50.74%	60.13%	58.03%	1.2724	0.8193
(>=38.9)	50.74%	60.34%	58.20%	1.2792	0.8165
(>=39.1)	50.74%	60.76%	58.52%	1.2929	0.8108
(>=39.2)	49.26%	61.39%	58.69%	1.276	0.8264
(>=39.3)	47.79%	61.60%	58.52%	1.2447	0.8475
(>=39.4)	47.06%	61.60%	58.36%	1.2256	0.8594
(>=39.6)	47.06%	61.81%	58.52%	1.2324	0.8565
(>=39.7)	47.06%	62.45%	59.02%	1.2531	0.8478
(>=39.8)	46.32%	62.66%	59.02%	1.2405	0.8567
(>=40)	45.59%	62.66%	58.85%	1.2208	0.8684
(>=40.1)	45.59%	62.87%	59.02%	1.2278	0.8655
(>=40.2)	44.12%	62.87%	58.69%	1.1882	0.8889
(>=40.3)	43.38%	63.29%	58.85%	1.1818	0.8946
(>=40.4)	42.65%	63.71%	59.02%	1.1753	0.9002
(>=40.5)	41.91%	64.56%	59.51%	1.1825	0.8998
(>=40.7)	41.91%	65.19%	60.00%	1.204	0.8911
(>=40.8)	41.18%	65.61%	60.16%	1.1974	0.8965
(>=40.9)	41.18%	66.24%	60.66%	1.2199	0.888
(>=41)	41.18%	66.46%	60.82%	1.2275	0.8852
(>=41.1)	41.18%	66.88%	61.15%	1.2432	0.8796
(>=41.2)	40.44%	67.30%	61.31%	1.2367	0.885
(>=41.3)	40.44%	68.14%	61.97%	1.2695	0.874
(>=41.4)	40.44%	68.35%	62.13%	1.2779	0.8713
(>=41.5)	40.44%	68.57%	62.30%	1.2865	0.8686
(>=41.6)	40.44%	68.78%	62.46%	1.2952	0.866
(>=41.7)	39.71%	68.78%	62.30%	1.2717	0.8767
(>=41.8)	38.97%	69.20%	62.46%	1.2652	0.8819
(>=41.9)	38.97%	69.62%	62.79%	1.2828	0.8766
(>=42)	38.97%	69.83%	62.95%	1.2918	0.874
(>=42.1)	38.24%	70.04%	62.95%	1.2763	0.8818
(>=42.2)	38.24%	70.25%	63.11%	1.2854	0.8792
(>=42.3)	37.50%	70.25%	62.95%	1.2606	0.8896
(>=42.4)	36.76%	70.89%	63.28%	1.2628	0.8921
(>=42.5)	36.03%	70.89%	63.11%	1.2375	0.9024
(>=42.6)	35.29%	70.89%	62.95%	1.2123	0.9128
(>=42.7)	34.56%	71.10%	62.95%	1.1957	0.9204

(>=42.8)	34.56%	71.52%	63.28%	1.2134	0.915
(>=43)	33.82%	71.73%	63.28%	1.1964	0.9226
(>=43.1)	33.82%	71.94%	63.44%	1.2054	0.9199
(>=43.2)	33.82%	72.15%	63.61%	1.2146	0.9172
(>=43.3)	33.82%	72.57%	63.93%	1.2333	0.9119
(>=43.4)	33.82%	73.21%	64.43%	1.2624	0.904
(>=43.5)	33.09%	73.21%	64.26%	1.2349	0.914
(>=43.6)	31.62%	74.05%	64.59%	1.2184	0.9235
(>=43.7)	31.62%	74.89%	65.25%	1.2594	0.913
(>=43.8)	31.62%	75.11%	65.41%	1.2701	0.9105
(>=43.9)	30.15%	75.53%	65.41%	1.2319	0.9249
(>=44)	30.15%	76.16%	65.90%	1.2646	0.9172
(>=44.1)	30.15%	76.37%	66.07%	1.2759	0.9146
(>=44.2)	30.15%	77.00%	66.56%	1.311	0.9071
(>=44.4)	28.68%	77.22%	66.39%	1.2586	0.9237
(>=44.6)	27.21%	77.43%	66.23%	1.2052	0.9402
(>=44.7)	26.47%	77.85%	66.39%	1.195	0.9445
(>=44.8)	26.47%	78.48%	66.89%	1.2301	0.9369
(>=44.9)	26.47%	78.69%	67.05%	1.2423	0.9344
(>=45)	26.47%	79.11%	67.38%	1.2674	0.9294
(>=45.1)	26.47%	79.54%	67.70%	1.2935	0.9245
(>=45.4)	25.74%	79.75%	67.70%	1.2707	0.9313
(>=45.5)	25.00%	79.75%	67.54%	1.2344	0.9405
(>=45.6)	24.26%	80.59%	68.03%	1.2502	0.9398
(>=45.7)	22.79%	81.01%	68.03%	1.2005	0.953
(>=45.8)	22.06%	81.01%	67.87%	1.1618	0.9621
(>=45.9)	19.12%	81.22%	67.38%	1.0182	0.9958
(>=46)	18.38%	81.86%	67.70%	1.0132	0.9971
(>=46.1)	18.38%	82.07%	67.87%	1.0251	0.9945
(>=46.3)	17.65%	82.28%	67.87%	0.9958	1.0009
(>=46.4)	17.65%	82.49%	68.03%	1.0078	0.9983
(>=46.5)	17.65%	83.12%	68.52%	1.0456	0.9907
(>=46.6)	17.65%	83.54%	68.85%	1.0724	0.9857
(>=46.7)	17.65%	83.97%	69.18%	1.1006	0.9808
(>=46.8)	17.65%	84.18%	69.34%	1.1153	0.9783
(>=46.9)	17.65%	84.39%	69.51%	1.1304	0.9759
(>=47.2)	17.65%	84.60%	69.67%	1.1458	0.9734
(>=47.3)	17.65%	84.81%	69.84%	1.1618	0.971
(>=47.4)	17.65%	85.02%	70.00%	1.1781	0.9686
(>=47.5)	17.65%	85.65%	70.49%	1.2301	0.9615
(>=47.6)	16.91%	85.86%	70.49%	1.1964	0.9677
(>=47.7)	16.18%	86.50%	70.82%	1.1981	0.9691
(>=47.9)	15.44%	86.50%	70.66%	1.1436	0.9776

(>=48)	15.44%	86.71%	70.82%	1.1618	0.9752
(>=48.1)	15.44%	86.92%	70.98%	1.1805	0.9728
(>=48.2)	14.71%	87.34%	71.15%	1.1618	0.9766
(>=48.3)	13.97%	87.55%	71.15%	1.1224	0.9826
(>=48.4)	13.24%	87.76%	71.15%	1.0816	0.9886
(>=48.5)	13.24%	88.40%	71.64%	1.1406	0.9815
(>=48.6)	13.24%	88.61%	71.80%	1.1618	0.9792
(>=48.7)	11.76%	88.82%	71.64%	1.0522	0.9934
(>=48.8)	11.03%	88.82%	71.48%	0.9864	1.0017
(>=48.9)	10.29%	88.82%	71.31%	0.9206	1.01
(>=49)	9.56%	89.03%	71.31%	0.8713	1.0159
(>=49.1)	8.82%	89.24%	71.31%	0.8201	1.0217
(>=49.2)	8.09%	89.66%	71.48%	0.7824	1.0251
(>=49.3)	8.09%	90.08%	71.80%	0.8157	1.0203
(>=49.5)	7.35%	90.30%	71.80%	0.7577	1.026
(>=49.6)	7.35%	90.51%	71.97%	0.7745	1.0237
(>=49.7)	6.62%	90.72%	71.97%	0.7129	1.0294
(>=49.8)	6.62%	90.93%	72.13%	0.7295	1.027
(>=49.9)	6.62%	91.14%	72.30%	0.7468	1.0246
(>=50)	6.62%	91.35%	72.46%	0.7651	1.0222
(>=50.1)	6.62%	91.77%	72.79%	0.8043	1.0175
(>=50.2)	6.62%	91.98%	72.95%	0.8255	1.0152
(>=50.4)	5.88%	92.19%	72.95%	0.7536	1.0209
(>=50.5)	5.88%	92.41%	73.11%	0.7745	1.0185
(>=50.6)	5.88%	92.83%	73.44%	0.8201	1.0139
(>=50.8)	5.88%	93.25%	73.77%	0.8713	1.0093
(>=50.9)	5.15%	93.25%	73.61%	0.7624	1.0172
(>=51)	5.15%	93.46%	73.77%	0.787	1.0149
(>=51.1)	5.15%	93.67%	73.93%	0.8132	1.0126
(>=51.4)	4.41%	93.67%	73.77%	0.6971	1.0205
(>=51.5)	4.41%	93.88%	73.93%	0.7211	1.0182
(>=51.6)	4.41%	94.51%	74.43%	0.8043	1.0114
(>=51.8)	3.68%	94.51%	74.26%	0.6702	1.0191
(>=52)	2.94%	94.94%	74.43%	0.5809	1.0224
(>=52.1)	2.94%	95.15%	74.59%	0.6061	1.0201
(>=52.2)	2.21%	95.57%	74.75%	0.4979	1.0233
(>=52.4)	1.47%	95.78%	74.75%	0.3485	1.0287
(>=52.9)	1.47%	95.99%	74.92%	0.3669	1.0264
(>=53)	1.47%	96.20%	75.08%	0.3873	1.0242
(>=53.2)	1.47%	96.41%	75.25%	0.41	1.0219
(>=53.3)	1.47%	96.62%	75.41%	0.4357	1.0197
(>=53.7)	1.47%	96.84%	75.57%	0.4647	1.0175
(>=53.8)	1.47%	97.05%	75.74%	0.4979	1.0153

(>=53.9)	1.47%	97.26%	75.90%	0.5362	1.0131
(>=54)	1.47%	97.47%	76.07%	0.5809	1.0109
(>=54.1)	0.74%	97.47%	75.90%	0.2904	1.0184
(>=54.3)	0.74%	97.68%	76.07%	0.3168	1.0162
(>=55.1)	0.74%	97.89%	76.23%	0.3485	1.014
(>=55.5)	0.74%	98.10%	76.39%	0.3873	1.0119
(>=55.8)	0.74%	98.31%	76.56%	0.4357	1.0097
(>=56.4)	0.74%	98.52%	76.72%	0.4979	1.0075
(>=56.9)	0.74%	98.73%	76.89%	0.5809	1.0054
(>=57.3)	0.74%	98.95%	77.05%	0.6971	1.0032
(>=57.9)	0.74%	99.16%	77.21%	0.8713	1.0011
(>=59.4)	0.74%	99.37%	77.38%	1.1618	0.999
(>=62.8)	0.00%	99.37%	77.21%	0	1.0064
(>=63.5)	0.00%	99.58%	77.38%	0	1.0042
(>=65.1)	0.00%	99.79%	77.54%	0	1.0021
(>65.1)	0.00%	100.00%	77.70%		1

Supplementary Table 5: ROC analysis for wasting

Cutpoint	Sensitivity	Specificity	Correctly Classified	LR+	LR-
(>=1.8)	100.00%	0.00%	22.30%	1	
(>=2.3)	99.26%	0.00%	22.13%	0.9926	
(>=4.1)	98.53%	0.00%	21.97%	0.9853	
(>=4.7)	98.53%	0.21%	22.13%	0.9874	6.9706
(>=5.2)	98.53%	0.42%	22.30%	0.9895	3.4853
(>=6)	98.53%	0.63%	22.46%	0.9916	2.3235
(>=6.1)	98.53%	0.84%	22.62%	0.9937	1.7426
(>=6.2)	97.79%	0.84%	22.46%	0.9863	2.614
(>=6.3)	97.79%	1.05%	22.62%	0.9884	2.0912
(>=6.6)	97.79%	1.27%	22.79%	0.9905	1.7426
(>=6.7)	97.06%	1.48%	22.79%	0.9851	1.9916
(>=6.9)	97.06%	1.69%	22.95%	0.9873	1.7426
(>=7)	97.06%	1.90%	23.11%	0.9894	1.549
(>=7.2)	97.06%	2.11%	23.28%	0.9915	1.3941
(>=7.4)	97.06%	2.53%	23.61%	0.9958	1.1618
(>=7.5)	96.32%	2.53%	23.44%	0.9883	1.4522
(>=7.8)	96.32%	2.74%	23.61%	0.9904	1.3405
(>=8.1)	96.32%	2.95%	23.77%	0.9926	1.2447
(>=8.2)	96.32%	3.16%	23.93%	0.9947	1.1618
(>=8.3)	96.32%	3.59%	24.26%	0.9991	1.0251
(>=8.4)	96.32%	3.80%	24.43%	1.0013	0.9681
(>=9)	96.32%	4.01%	24.59%	1.0035	0.9172
(>=9.1)	95.59%	4.43%	24.75%	1.0002	0.9958
(>=9.3)	95.59%	4.64%	24.92%	1.0024	0.9505
(>=9.4)	94.85%	4.64%	24.75%	0.9947	1.109
(>=9.5)	93.38%	4.64%	24.43%	0.9793	1.4258
(>=9.6)	92.65%	5.06%	24.59%	0.9759	1.4522
(>=9.7)	92.65%	5.27%	24.75%	0.9781	1.3941
(>=9.8)	92.65%	5.70%	25.08%	0.9824	1.2909
(>=9.9)	92.65%	5.91%	25.25%	0.9846	1.2447
(>=10.1)	92.65%	6.12%	25.41%	0.9868	1.2018
(>=10.2)	92.65%	6.33%	25.57%	0.9891	1.1618
(>=10.3)	92.65%	6.54%	25.74%	0.9913	1.1243
(>=10.4)	92.65%	7.17%	26.23%	0.9981	1.0251
(>=10.5)	92.65%	7.38%	26.39%	1.0003	0.9958
(>=10.7)	92.65%	7.59%	26.56%	1.0026	0.9681
(>=10.9)	92.65%	8.23%	27.05%	1.0095	0.8937
(>=11)	92.65%	8.44%	27.21%	1.0119	0.8713
(>=11.1)	92.65%	8.65%	27.38%	1.0142	0.8501

(>=11.2)	92.65%	9.07%	27.70%	1.0189	0.8105
(>=11.3)	92.65%	9.28%	27.87%	1.0213	0.7921
(>=11.4)	92.65%	9.70%	28.20%	1.026	0.7577
(>=11.5)	92.65%	9.92%	28.36%	1.0284	0.7416
(>=11.6)	92.65%	10.34%	28.69%	1.0333	0.7113
(>=11.7)	91.91%	10.55%	28.69%	1.0275	0.7668
(>=11.8)	91.91%	10.97%	29.02%	1.0324	0.7373
(>=11.9)	91.91%	11.39%	29.34%	1.0373	0.71
(>=12)	91.91%	11.60%	29.51%	1.0398	0.6971
(>=12.1)	91.18%	11.81%	29.51%	1.0339	0.7468
(>=12.2)	91.18%	12.24%	29.84%	1.0389	0.7211
(>=12.3)	91.18%	12.66%	30.16%	1.0439	0.6971
(>=12.4)	90.44%	13.08%	30.33%	1.0405	0.7308
(>=12.5)	90.44%	13.50%	30.66%	1.0456	0.708
(>=12.6)	90.44%	13.71%	30.82%	1.0481	0.6971
(>=12.7)	90.44%	14.14%	31.15%	1.0533	0.6763
(>=12.8)	89.71%	14.35%	31.15%	1.0473	0.7176
(>=12.9)	89.71%	14.56%	31.31%	1.0499	0.7072
(>=13)	89.71%	14.98%	31.64%	1.0551	0.6872
(>=13.1)	88.97%	14.98%	31.48%	1.0465	0.7363
(>=13.2)	88.97%	15.82%	32.13%	1.0569	0.6971
(>=13.3)	88.97%	16.24%	32.46%	1.0623	0.679
(>=13.5)	88.24%	16.46%	32.46%	1.0561	0.7149
(>=13.6)	88.24%	16.67%	32.62%	1.0588	0.7059
(>=13.7)	88.24%	17.30%	33.11%	1.0669	0.6801
(>=13.8)	88.24%	18.14%	33.77%	1.0779	0.6484
(>=13.9)	88.24%	18.35%	33.93%	1.0807	0.641
(>=14)	88.24%	19.20%	34.59%	1.092	0.6128
(>=14.1)	88.24%	19.83%	35.08%	1.1006	0.5932
(>=14.2)	88.24%	20.46%	35.57%	1.1094	0.5749
(>=14.3)	88.24%	20.89%	35.90%	1.1153	0.5633
(>=14.4)	88.24%	21.10%	36.07%	1.1183	0.5576
(>=14.5)	88.24%	21.73%	36.56%	1.1273	0.5414
(>=14.6)	88.24%	21.94%	36.72%	1.1304	0.5362
(>=14.7)	88.24%	22.78%	37.38%	1.1427	0.5163
(>=14.8)	88.24%	23.21%	37.70%	1.149	0.507
(>=14.9)	87.50%	24.05%	38.20%	1.1521	0.5197
(>=15)	87.50%	24.68%	38.69%	1.1618	0.5064
(>=15.1)	87.50%	25.74%	39.51%	1.1783	0.4857
(>=15.2)	86.76%	25.95%	39.51%	1.1717	0.51
(>=15.3)	86.76%	26.16%	39.67%	1.175	0.5059
(>=15.4)	86.03%	27.43%	40.49%	1.1854	0.5094
(>=15.5)	86.03%	27.64%	40.66%	1.1889	0.5055

(>=15.6)	86.03%	28.06%	40.98%	1.1958	0.4979
(>=15.7)	86.03%	28.48%	41.31%	1.2029	0.4905
(>=15.8)	85.29%	28.90%	41.48%	1.1997	0.5088
(>=15.9)	84.56%	29.32%	41.64%	1.1964	0.5266
(>=16)	84.56%	29.54%	41.80%	1.2	0.5228
(>=16.1)	83.82%	29.96%	41.97%	1.1968	0.54
(>=16.2)	83.82%	30.17%	42.13%	1.2004	0.5362
(>=16.3)	83.82%	31.01%	42.79%	1.2151	0.5216
(>=16.4)	83.09%	31.86%	43.28%	1.2193	0.5309
(>=16.5)	82.35%	32.49%	43.61%	1.2199	0.5432
(>=16.6)	82.35%	32.91%	43.93%	1.2275	0.5362
(>=16.7)	82.35%	33.76%	44.59%	1.2432	0.5228
(>=16.9)	82.35%	33.97%	44.75%	1.2471	0.5195
(>=17)	82.35%	34.60%	45.25%	1.2592	0.51
(>=17.1)	82.35%	35.02%	45.57%	1.2674	0.5039
(>=17.2)	81.62%	35.65%	45.90%	1.2684	0.5156
(>=17.3)	77.94%	35.86%	45.25%	1.2153	0.6151
(>=17.4)	77.94%	36.29%	45.57%	1.2233	0.6079
(>=17.5)	77.21%	36.92%	45.90%	1.2239	0.6174
(>=17.6)	76.47%	38.19%	46.72%	1.2371	0.6162
(>=17.7)	75.74%	38.40%	46.72%	1.2294	0.6319
(>=17.8)	75.74%	39.24%	47.38%	1.2465	0.6184
(>=17.9)	75.74%	39.87%	47.87%	1.2596	0.6085
(>=18)	75.74%	40.51%	48.36%	1.273	0.599
(>=18.1)	75.74%	41.98%	49.51%	1.3054	0.578
(>=18.2)	75.00%	42.62%	49.84%	1.307	0.5866
(>=18.3)	75.00%	42.83%	50.00%	1.3118	0.5837
(>=18.4)	73.53%	43.25%	50.00%	1.2956	0.6121
(>=18.5)	72.79%	44.30%	50.66%	1.307	0.6141
(>=18.6)	72.06%	44.94%	50.98%	1.3087	0.6218
(>=18.7)	71.32%	45.15%	50.98%	1.3003	0.6352
(>=18.8)	70.59%	45.15%	50.82%	1.2869	0.6515
(>=18.9)	69.85%	46.41%	51.64%	1.3036	0.6495
(>=19)	69.85%	46.84%	51.97%	1.3139	0.6437
(>=19.1)	68.38%	47.05%	51.80%	1.2914	0.6721
(>=19.2)	68.38%	48.10%	52.62%	1.3176	0.6573
(>=19.3)	67.65%	48.95%	53.11%	1.325	0.661
(>=19.4)	67.65%	49.58%	53.61%	1.3416	0.6526
(>=19.5)	66.91%	49.58%	53.44%	1.327	0.6674
(>=19.6)	66.91%	50.00%	53.77%	1.3382	0.6618
(>=19.7)	66.91%	50.63%	54.26%	1.3554	0.6535
(>=19.8)	66.91%	51.27%	54.75%	1.373	0.6454
(>=19.9)	66.91%	51.90%	55.25%	1.3911	0.6376

(≥20)	66.18%	52.32%	55.41%	1.3879	0.6465
(≥20.1)	65.44%	52.53%	55.41%	1.3786	0.6579
(≥20.3)	65.44%	54.01%	56.56%	1.4229	0.6399
(≥20.4)	64.71%	54.43%	56.72%	1.4199	0.6484
(≥20.6)	64.71%	55.06%	57.21%	1.4399	0.641
(≥20.7)	64.71%	55.49%	57.54%	1.4536	0.6361
(≥20.8)	64.71%	56.54%	58.36%	1.4889	0.6242
(≥20.9)	63.97%	57.17%	58.69%	1.4937	0.6302
(≥21)	63.24%	57.59%	58.85%	1.4912	0.6383
(≥21.1)	63.24%	58.02%	59.18%	1.5062	0.6337
(≥21.2)	63.24%	58.23%	59.34%	1.5138	0.6314
(≥21.3)	61.76%	58.23%	59.02%	1.4786	0.6566
(≥21.4)	61.76%	58.65%	59.34%	1.4937	0.6519
(≥21.5)	61.03%	59.49%	59.84%	1.5067	0.655
(≥21.6)	59.56%	60.34%	60.16%	1.5016	0.6702
(≥21.7)	58.82%	60.76%	60.33%	1.4991	0.6777
(≥21.8)	57.35%	62.03%	60.98%	1.5103	0.6876
(≥21.9)	57.35%	62.24%	61.15%	1.5187	0.6852
(≥22)	56.62%	63.08%	61.64%	1.5335	0.6877
(≥22.1)	56.62%	63.29%	61.80%	1.5423	0.6854
(≥22.2)	55.88%	63.71%	61.97%	1.54	0.6924
(≥22.3)	55.88%	63.92%	62.13%	1.549	0.6902
(≥22.4)	54.41%	64.56%	62.30%	1.5352	0.7062
(≥22.5)	54.41%	65.40%	62.95%	1.5726	0.6971
(≥22.6)	52.94%	66.03%	63.11%	1.5586	0.7126
(≥22.7)	52.94%	66.24%	63.28%	1.5684	0.7104
(≥22.8)	52.94%	66.67%	63.61%	1.5882	0.7059
(≥22.9)	52.94%	67.72%	64.43%	1.6401	0.6949
(≥23)	52.94%	67.93%	64.59%	1.6509	0.6927
(≥23.1)	52.94%	68.14%	64.75%	1.6619	0.6906
(≥23.2)	51.47%	68.57%	64.75%	1.6374	0.7078
(≥23.3)	51.47%	68.99%	65.08%	1.6597	0.7035
(≥23.4)	50.00%	69.41%	65.08%	1.6345	0.7204
(≥23.5)	50.00%	69.83%	65.41%	1.6573	0.716
(≥23.6)	50.00%	70.46%	65.90%	1.6929	0.7096
(≥23.8)	49.26%	71.31%	66.39%	1.717	0.7115
(≥23.9)	48.53%	72.57%	67.21%	1.7695	0.7092
(≥24)	48.53%	73.21%	67.70%	1.8113	0.7031
(≥24.1)	47.79%	73.42%	67.70%	1.798	0.7111
(≥24.2)	47.79%	74.05%	68.20%	1.8418	0.705
(≥24.3)	46.32%	74.68%	68.36%	1.8298	0.7187
(≥24.4)	46.32%	74.89%	68.52%	1.8452	0.7167
(≥24.5)	45.59%	75.11%	68.52%	1.8313	0.7245

(>=24.6)	44.85%	75.53%	68.69%	1.8328	0.7302
(>=24.7)	44.12%	76.37%	69.18%	1.8671	0.7317
(>=24.8)	44.12%	76.58%	69.34%	1.8839	0.7297
(>=24.9)	41.91%	76.79%	69.02%	1.806	0.7564
(>=25.1)	40.44%	77.00%	68.85%	1.7586	0.7734
(>=25.2)	40.44%	77.22%	69.02%	1.7749	0.7713
(>=25.3)	39.71%	77.43%	69.02%	1.7589	0.7787
(>=25.4)	39.71%	77.85%	69.34%	1.7924	0.7745
(>=25.6)	39.71%	78.06%	69.51%	1.8097	0.7724
(>=25.7)	39.71%	78.48%	69.84%	1.8452	0.7683
(>=25.8)	38.97%	78.90%	70.00%	1.8472	0.7735
(>=25.9)	38.24%	79.32%	70.16%	1.8493	0.7786
(>=26)	38.24%	79.54%	70.33%	1.8684	0.7766
(>=26.1)	37.50%	80.17%	70.66%	1.891	0.7796
(>=26.2)	36.76%	80.17%	70.49%	1.8539	0.7888
(>=26.3)	36.03%	80.80%	70.82%	1.8767	0.7917
(>=26.4)	36.03%	81.01%	70.98%	1.8975	0.7896
(>=26.5)	35.29%	81.43%	71.15%	1.9011	0.7946
(>=26.6)	35.29%	81.86%	71.48%	1.9453	0.7905
(>=26.7)	35.29%	82.07%	71.64%	1.9682	0.7884
(>=26.8)	35.29%	82.28%	71.80%	1.9916	0.7864
(>=26.9)	35.29%	82.91%	72.30%	2.0654	0.7804
(>=27)	35.29%	83.12%	72.46%	2.0912	0.7784
(>=27.1)	34.56%	83.54%	72.62%	2.1001	0.7833
(>=27.2)	34.56%	83.76%	72.79%	2.1274	0.7813
(>=27.3)	33.82%	84.39%	73.11%	2.1665	0.7842
(>=27.4)	33.82%	84.60%	73.28%	2.1962	0.7822
(>=27.5)	32.35%	84.60%	72.95%	2.1007	0.7996
(>=27.6)	32.35%	84.81%	73.11%	2.1299	0.7976
(>=27.7)	32.35%	85.02%	73.28%	2.1599	0.7957
(>=27.8)	32.35%	85.86%	73.93%	2.2889	0.7878
(>=28)	31.62%	85.86%	73.77%	2.2368	0.7964
(>=28.1)	30.88%	86.08%	73.77%	2.2179	0.803
(>=28.3)	30.15%	86.29%	73.77%	2.1984	0.8095
(>=28.5)	30.15%	86.50%	73.93%	2.2328	0.8076
(>=28.6)	29.41%	86.92%	74.10%	2.2486	0.8121
(>=28.8)	28.68%	86.92%	73.93%	2.1924	0.8206
(>=28.9)	28.68%	87.13%	74.10%	2.2283	0.8186
(>=29)	27.94%	87.76%	74.43%	2.2835	0.8211
(>=29.1)	26.47%	87.97%	74.26%	2.2012	0.8358
(>=29.2)	26.47%	88.19%	74.43%	2.2405	0.8338
(>=29.4)	26.47%	88.40%	74.59%	2.2813	0.8318
(>=29.5)	25.74%	88.82%	74.75%	2.3016	0.8361

(>=29.6)	25.00%	89.24%	74.92%	2.3235	0.8404
(>=29.7)	24.26%	89.24%	74.75%	2.2552	0.8487
(>=29.8)	23.53%	89.24%	74.59%	2.1869	0.8569
(>=29.9)	23.53%	89.45%	74.75%	2.2306	0.8549
(>=30)	23.53%	89.87%	75.08%	2.3235	0.8509
(>=30.1)	22.79%	90.08%	75.08%	2.2988	0.857
(>=30.3)	22.79%	90.30%	75.25%	2.3488	0.855
(>=30.4)	22.06%	90.72%	75.41%	2.3763	0.8592
(>=30.5)	22.06%	90.93%	75.57%	2.4316	0.8572
(>=30.6)	20.59%	90.93%	75.25%	2.2695	0.8733
(>=30.7)	19.12%	91.14%	75.08%	2.1576	0.8875
(>=30.8)	19.12%	91.56%	75.41%	2.2654	0.8834
(>=30.9)	19.12%	91.77%	75.57%	2.3235	0.8813
(>=31)	18.38%	91.77%	75.41%	2.2342	0.8894
(>=31.2)	18.38%	91.98%	75.57%	2.293	0.8873
(>=31.3)	17.65%	91.98%	75.41%	2.2012	0.8953
(>=31.4)	16.91%	92.62%	75.74%	2.2903	0.8971
(>=31.6)	15.44%	93.04%	75.74%	2.2179	0.9089
(>=31.7)	15.44%	93.25%	75.90%	2.2872	0.9068
(>=31.8)	14.71%	93.67%	76.07%	2.3235	0.9106
(>=32)	14.71%	94.30%	76.56%	2.5817	0.9045
(>=32.1)	14.71%	94.51%	76.72%	2.681	0.9024
(>=32.2)	14.71%	94.73%	76.89%	2.7882	0.9004
(>=32.3)	14.71%	94.94%	77.05%	2.9044	0.8984
(>=32.4)	13.97%	95.15%	77.05%	2.8792	0.9042
(>=32.5)	13.24%	95.36%	77.05%	2.8516	0.9099
(>=32.9)	12.50%	95.78%	77.21%	2.9625	0.9135
(>=33)	11.76%	95.78%	77.05%	2.7882	0.9212
(>=33.3)	11.03%	95.99%	77.05%	2.7515	0.9269
(>=33.5)	11.03%	96.20%	77.21%	2.9044	0.9248
(>=33.6)	10.29%	96.20%	77.05%	2.7108	0.9325
(>=33.8)	10.29%	96.41%	77.21%	2.8702	0.9304
(>=33.9)	10.29%	96.84%	77.54%	3.2529	0.9264
(>=34)	9.56%	96.84%	77.38%	3.0206	0.934
(>=34.1)	8.82%	97.05%	77.38%	2.9874	0.9395
(>=34.6)	8.09%	97.05%	77.21%	2.7384	0.9471
(>=34.9)	7.35%	97.26%	77.21%	2.681	0.9526
(>=35.8)	7.35%	97.47%	77.38%	2.9044	0.9505
(>=36)	7.35%	97.89%	77.70%	3.4853	0.9464
(>=36.3)	5.88%	97.89%	77.38%	2.7882	0.9615
(>=36.6)	5.88%	98.10%	77.54%	3.098	0.9594
(>=36.7)	5.88%	98.31%	77.70%	3.4853	0.9573
(>=36.9)	5.15%	98.31%	77.54%	3.0496	0.9648

(>=37.5)	4.41%	98.31%	77.38%	2.614	0.9723
(>=37.9)	3.68%	98.52%	77.38%	2.4895	0.9777
(>=38.2)	3.68%	98.73%	77.54%	2.9044	0.9756
(>=39)	3.68%	98.95%	77.70%	3.4853	0.9735
(>=39.4)	3.68%	99.16%	77.87%	4.3566	0.9714
(>=39.8)	3.68%	99.37%	78.03%	5.8088	0.9694
(>=40.6)	3.68%	99.58%	78.20%	8.7132	0.9673
(>=41.4)	2.94%	99.58%	78.03%	6.9705	0.9747
(>=43)	2.21%	99.58%	77.87%	5.2279	0.9821
(>=43.1)	0.74%	99.58%	77.54%	1.7426	0.9969
(>=45.8)	0.74%	99.79%	77.70%	3.4853	0.9947
(>=46.9)	0.00%	99.79%	77.54%	0	1.0021
(>46.9)	0.00%	100.00%	77.70%		1

Supplementary Table 6: ROC analysis for underweight

Cutpoint	Sensitivity	Specificity	Correctly Classified	LR+	LR-
(≥5.8)	100.00%	0.00%	0.223	1	
(≥6.7)	99.26%	0.00%	0.2213	0.9926	
(≥8.4)	98.53%	0.00%	0.2197	0.9853	
(≥9)	98.53%	0.21%	0.2213	0.9874	6.9706
(≥10.3)	98.53%	0.42%	0.223	0.9895	3.4853
(≥10.4)	98.53%	0.63%	0.2246	0.9916	2.3235
(≥10.5)	97.79%	0.63%	0.223	0.9842	3.4853
(≥11.1)	97.06%	0.84%	0.223	0.9788	3.4853
(≥11.2)	97.06%	1.05%	0.2246	0.9809	2.7882
(≥11.3)	97.06%	1.27%	0.2262	0.983	2.3235
(≥11.4)	97.06%	1.69%	0.2295	0.9873	1.7426
(≥11.6)	96.32%	1.90%	0.2295	0.9819	1.9363
(≥11.9)	95.59%	2.11%	0.2295	0.9765	2.0912
(≥12)	94.85%	2.11%	0.2279	0.969	2.4397
(≥12.2)	94.85%	2.32%	0.2295	0.9711	2.2179
(≥12.7)	93.38%	2.32%	0.2262	0.956	2.8516
(≥12.8)	93.38%	2.53%	0.2279	0.9581	2.614
(≥13.1)	93.38%	3.16%	0.2328	0.9643	2.0912
(≥13.2)	92.65%	3.38%	0.2328	0.9588	2.1783
(≥13.6)	92.65%	3.59%	0.2344	0.9609	2.0502
(≥13.7)	92.65%	3.80%	0.2361	0.963	1.9363
(≥13.9)	92.65%	4.22%	0.2393	0.9673	1.7426
(≥14)	92.65%	4.43%	0.241	0.9694	1.6597
(≥14.2)	92.65%	4.64%	0.2426	0.9716	1.5842
(≥14.3)	92.65%	4.85%	0.2443	0.9737	1.5153
(≥14.5)	92.65%	5.06%	0.2459	0.9759	1.4522
(≥14.6)	91.91%	5.06%	0.2443	0.9681	1.5974
(≥14.7)	91.91%	5.27%	0.2459	0.9703	1.5335
(≥14.8)	91.91%	5.70%	0.2492	0.9746	1.4199
(≥14.9)	91.91%	5.91%	0.2508	0.9768	1.3692
(≥15.2)	91.91%	6.12%	0.2525	0.979	1.322
(≥15.4)	91.91%	6.33%	0.2541	0.9812	1.2779
(≥15.8)	91.18%	6.33%	0.2525	0.9734	1.3941
(≥15.9)	91.18%	6.54%	0.2541	0.9756	1.3491
(≥16.1)	91.18%	6.75%	0.2557	0.9778	1.307
(≥16.2)	91.18%	7.17%	0.259	0.9822	1.2301
(≥16.3)	91.18%	7.38%	0.2607	0.9845	1.195
(≥16.5)	91.18%	7.59%	0.2623	0.9867	1.1618
(≥16.6)	91.18%	7.81%	0.2639	0.989	1.1304

(≥16.7)	91.18%	8.23%	0.2672	0.9935	1.0724
(≥16.9)	90.44%	8.23%	0.2656	0.9855	1.1618
(≥17)	89.71%	8.23%	0.2639	0.9775	1.2511
(≥17.1)	89.71%	8.44%	0.2656	0.9797	1.2199
(≥17.2)	88.97%	9.07%	0.2689	0.9785	1.2158
(≥17.3)	88.97%	10.13%	0.277	0.99	1.0892
(≥17.5)	88.97%	10.34%	0.2787	0.9923	1.0669
(≥17.6)	88.24%	10.34%	0.277	0.9841	1.1381
(≥17.9)	88.24%	10.55%	0.2787	0.9864	1.1153
(≥18)	88.24%	11.18%	0.2836	0.9934	1.0522
(≥18.1)	88.24%	11.39%	0.2852	0.9958	1.0327
(≥18.2)	88.24%	11.60%	0.2869	0.9982	1.0139
(≥18.3)	87.50%	11.60%	0.2852	0.9899	1.0773
(≥18.5)	87.50%	11.81%	0.2869	0.9922	1.058
(≥18.8)	87.50%	12.24%	0.2902	0.997	1.0216
(≥18.9)	87.50%	12.66%	0.2934	1.0018	0.9875
(≥19)	87.50%	12.87%	0.2951	1.0042	0.9713
(≥19.1)	87.50%	13.08%	0.2967	1.0067	0.9556
(≥19.2)	87.50%	13.50%	0.3	1.0116	0.9258
(≥19.3)	87.50%	13.71%	0.3016	1.0141	0.9115
(≥19.4)	87.50%	13.92%	0.3033	1.0165	0.8977
(≥19.5)	87.50%	14.14%	0.3049	1.019	0.8843
(≥19.6)	87.50%	14.56%	0.3082	1.0241	0.8587
(≥20)	86.76%	14.56%	0.3066	1.0155	0.9092
(≥20.1)	86.76%	14.77%	0.3082	1.018	0.8962
(≥20.2)	86.03%	14.98%	0.3082	1.0119	0.9327
(≥20.3)	86.03%	15.19%	0.3098	1.0144	0.9197
(≥20.5)	86.03%	15.82%	0.3148	1.022	0.8829
(≥21)	85.29%	16.67%	0.3197	1.0235	0.8824
(≥21.1)	85.29%	16.88%	0.3213	1.0261	0.8713
(≥21.2)	85.29%	17.30%	0.3246	1.0314	0.8501
(≥21.3)	85.29%	17.51%	0.3262	1.034	0.8398
(≥21.5)	83.09%	17.72%	0.323	1.0098	0.9543
(≥21.6)	82.35%	17.72%	0.3213	1.0009	0.9958
(≥21.7)	82.35%	17.93%	0.323	1.0035	0.9841
(≥21.8)	81.62%	17.93%	0.3213	0.9945	1.0251
(≥22)	81.62%	18.14%	0.323	0.9971	1.0132
(≥22.2)	81.62%	18.57%	0.3262	1.0022	0.9901
(≥22.3)	81.62%	19.41%	0.3328	1.0127	0.9471
(≥22.4)	80.88%	19.62%	0.3328	1.0063	0.9744
(≥22.5)	80.88%	20.04%	0.3361	1.0116	0.9539
(≥22.6)	80.88%	20.46%	0.3393	1.0169	0.9342
(≥22.7)	80.88%	20.68%	0.341	1.0196	0.9247

(≥22.8)	80.88%	21.52%	0.3475	1.0306	0.8884
(≥22.9)	80.88%	21.73%	0.3492	1.0334	0.8798
(≥23)	80.88%	22.57%	0.3557	1.0446	0.8469
(≥23.1)	80.88%	22.78%	0.3574	1.0475	0.8391
(≥23.2)	80.88%	23.00%	0.359	1.0504	0.8314
(≥23.3)	80.88%	23.21%	0.3607	1.0532	0.8238
(≥23.4)	80.88%	23.42%	0.3623	1.0561	0.8164
(≥23.5)	80.88%	23.84%	0.3656	1.062	0.8019
(≥23.7)	80.88%	24.05%	0.3672	1.065	0.7949
(≥23.8)	80.15%	24.05%	0.3656	1.0553	0.8255
(≥23.9)	80.15%	24.26%	0.3672	1.0582	0.8183
(≥24)	79.41%	24.47%	0.3672	1.0514	0.8413
(≥24.1)	79.41%	24.68%	0.3689	1.0544	0.8341
(≥24.2)	79.41%	24.89%	0.3705	1.0573	0.827
(≥24.4)	79.41%	25.11%	0.3721	1.0603	0.8201
(≥24.5)	79.41%	25.32%	0.3738	1.0633	0.8132
(≥24.6)	79.41%	25.53%	0.3754	1.0663	0.8065
(≥24.7)	79.41%	25.95%	0.3787	1.0724	0.7934
(≥24.8)	78.68%	26.16%	0.3787	1.0655	0.8151
(≥24.9)	78.68%	26.79%	0.3836	1.0747	0.7959
(≥25)	78.68%	27.43%	0.3885	1.0841	0.7775
(≥25.1)	78.68%	27.85%	0.3918	1.0904	0.7657
(≥25.2)	78.68%	28.06%	0.3934	1.0936	0.76
(≥25.3)	78.68%	28.90%	0.4	1.1066	0.7378
(≥25.4)	78.68%	29.11%	0.4016	1.1099	0.7324
(≥25.6)	77.94%	29.54%	0.4033	1.1061	0.7468
(≥25.7)	77.94%	29.96%	0.4066	1.1128	0.7363
(≥25.8)	77.94%	30.59%	0.4115	1.1229	0.7211
(≥25.9)	77.21%	31.01%	0.4131	1.1191	0.735
(≥26)	77.21%	31.22%	0.4148	1.1226	0.73
(≥26.1)	76.47%	31.43%	0.4148	1.1153	0.7485
(≥26.2)	76.47%	31.86%	0.418	1.1222	0.7386
(≥26.4)	76.47%	32.07%	0.4197	1.1257	0.7337
(≥26.5)	76.47%	32.28%	0.4213	1.1292	0.729
(≥26.6)	76.47%	32.49%	0.423	1.1327	0.7242
(≥26.9)	76.47%	32.70%	0.4246	1.1363	0.7195
(≥27)	76.47%	33.33%	0.4295	1.1471	0.7059
(≥27.1)	76.47%	33.54%	0.4311	1.1507	0.7014
(≥27.2)	75.00%	33.97%	0.4311	1.1358	0.736
(≥27.4)	74.26%	34.60%	0.4344	1.1355	0.7438
(≥27.5)	74.26%	35.02%	0.4377	1.1429	0.7349
(≥27.6)	74.26%	35.23%	0.4393	1.1466	0.7305
(≥27.7)	74.26%	35.44%	0.441	1.1504	0.7261

(≥27.8)	74.26%	36.29%	0.4475	1.1656	0.7092
(≥27.9)	74.26%	36.71%	0.4508	1.1734	0.7011
(≥28.1)	74.26%	36.92%	0.4525	1.1773	0.6971
(≥28.2)	74.26%	37.34%	0.4557	1.1852	0.6892
(≥28.4)	74.26%	37.55%	0.4574	1.1892	0.6853
(≥28.5)	74.26%	37.97%	0.4607	1.1973	0.6777
(≥28.6)	74.26%	38.40%	0.4639	1.2055	0.6702
(≥28.7)	74.26%	38.61%	0.4656	1.2097	0.6666
(≥28.9)	74.26%	39.24%	0.4705	1.2223	0.6558
(≥29.1)	74.26%	39.66%	0.4738	1.2308	0.6489
(≥29.2)	74.26%	40.08%	0.477	1.2395	0.642
(≥29.3)	73.53%	40.08%	0.4754	1.2272	0.6604
(≥29.4)	73.53%	40.93%	0.482	1.2447	0.6468
(≥29.6)	73.53%	41.14%	0.4836	1.2492	0.6434
(≥29.7)	73.53%	41.77%	0.4885	1.2628	0.6337
(≥29.8)	73.53%	41.98%	0.4902	1.2674	0.6305
(≥29.9)	73.53%	42.19%	0.4918	1.272	0.6274
(≥30)	73.53%	42.41%	0.4934	1.2767	0.6242
(≥30.1)	73.53%	42.83%	0.4967	1.2861	0.6181
(≥30.3)	73.53%	43.46%	0.5016	1.3005	0.6091
(≥30.4)	72.79%	43.67%	0.5016	1.2923	0.623
(≥30.5)	72.79%	44.09%	0.5049	1.3021	0.617
(≥30.6)	72.79%	44.51%	0.5082	1.312	0.6112
(≥30.7)	72.79%	45.15%	0.5131	1.3271	0.6026
(≥30.8)	72.06%	45.57%	0.5148	1.3239	0.6132
(≥30.9)	71.32%	45.78%	0.5148	1.3155	0.6264
(≥31)	71.32%	45.99%	0.5164	1.3206	0.6235
(≥31.1)	71.32%	46.20%	0.518	1.3258	0.6207
(≥31.2)	71.32%	47.05%	0.5246	1.3469	0.6095
(≥31.3)	71.32%	47.47%	0.5279	1.3577	0.6041
(≥31.4)	71.32%	47.89%	0.5311	1.3687	0.5988
(≥31.6)	71.32%	48.52%	0.5361	1.3855	0.591
(≥31.7)	71.32%	48.95%	0.5393	1.397	0.5859
(≥31.8)	71.32%	49.58%	0.5443	1.4145	0.5784
(≥32.1)	70.59%	49.79%	0.5443	1.4058	0.5907
(≥32.2)	69.85%	49.79%	0.5426	1.3912	0.6055
(≥32.4)	69.85%	50.00%	0.5443	1.3971	0.6029
(≥32.5)	69.85%	50.21%	0.5459	1.403	0.6004
(≥32.6)	69.85%	51.05%	0.5525	1.4272	0.5905
(≥32.7)	69.12%	51.48%	0.5541	1.4244	0.5999
(≥32.8)	69.12%	51.69%	0.5557	1.4306	0.5975
(≥32.9)	69.12%	52.11%	0.559	1.4432	0.5926
(≥33)	69.12%	52.74%	0.5639	1.4626	0.5855

(≥33.1)	69.12%	53.38%	0.5689	1.4824	0.5786
(≥33.2)	68.38%	53.59%	0.5689	1.4733	0.59
(≥33.3)	68.38%	53.80%	0.5705	1.4801	0.5877
(≥33.5)	68.38%	54.43%	0.5754	1.5006	0.5809
(≥33.6)	68.38%	54.64%	0.577	1.5076	0.5786
(≥33.7)	68.38%	54.85%	0.5787	1.5146	0.5764
(≥33.8)	68.38%	55.27%	0.582	1.5289	0.572
(≥34)	68.38%	55.49%	0.5836	1.5362	0.5698
(≥34.1)	67.65%	55.49%	0.582	1.5197	0.5831
(≥34.3)	67.65%	55.70%	0.5836	1.5269	0.5809
(≥34.4)	67.65%	55.91%	0.5852	1.5342	0.5787
(≥34.5)	66.91%	56.54%	0.5885	1.5396	0.5852
(≥34.6)	66.18%	56.96%	0.5902	1.5376	0.5938
(≥34.7)	66.18%	57.38%	0.5934	1.5529	0.5894
(≥34.8)	65.44%	58.23%	0.5984	1.5666	0.5935
(≥35)	65.44%	58.65%	0.6016	1.5826	0.5892
(≥35.1)	64.71%	58.65%	0.6	1.5648	0.6018
(≥35.2)	64.71%	59.07%	0.6033	1.581	0.5975
(≥35.3)	63.97%	59.49%	0.6049	1.5793	0.6056
(≥35.6)	62.50%	59.49%	0.6016	1.543	0.6303
(≥35.7)	62.50%	59.92%	0.6049	1.5592	0.6259
(≥35.8)	62.50%	60.13%	0.6066	1.5675	0.6237
(≥36)	61.76%	60.13%	0.6049	1.549	0.6359
(≥36.1)	61.76%	60.34%	0.6066	1.5573	0.6337
(≥36.2)	61.03%	60.97%	0.6098	1.5637	0.6392
(≥36.3)	61.03%	61.18%	0.6115	1.5722	0.637
(≥36.4)	60.29%	61.60%	0.6131	1.5703	0.6445
(≥36.5)	60.29%	61.81%	0.6148	1.579	0.6423
(≥36.6)	59.56%	62.03%	0.6148	1.5684	0.652
(≥36.9)	58.09%	62.03%	0.6115	1.5297	0.6757
(≥37)	58.09%	62.87%	0.618	1.5644	0.6667
(≥37.1)	58.09%	63.08%	0.6197	1.5734	0.6644
(≥37.2)	57.35%	63.29%	0.6197	1.5624	0.6738
(≥37.3)	57.35%	63.50%	0.6213	1.5714	0.6716
(≥37.4)	57.35%	63.71%	0.623	1.5805	0.6694
(≥37.5)	57.35%	64.35%	0.6279	1.6086	0.6628
(≥37.9)	55.88%	64.77%	0.6279	1.5861	0.6812
(≥38)	55.88%	64.98%	0.6295	1.5957	0.679
(≥38.1)	55.88%	65.19%	0.6311	1.6053	0.6768
(≥38.2)	55.88%	65.61%	0.6344	1.625	0.6724
(≥38.4)	55.88%	65.82%	0.6361	1.6351	0.6702
(≥38.5)	55.15%	66.03%	0.6361	1.6236	0.6792
(≥38.6)	55.15%	66.24%	0.6377	1.6337	0.6771

(≥38.8)	55.15%	66.88%	0.6426	1.6649	0.6707
(≥38.9)	55.15%	67.09%	0.6443	1.6756	0.6686
(≥39)	55.15%	67.51%	0.6475	1.6974	0.6644
(≥39.1)	54.41%	67.93%	0.6492	1.6968	0.6711
(≥39.2)	54.41%	68.57%	0.6541	1.731	0.6649
(≥39.3)	54.41%	68.99%	0.6574	1.7545	0.6608
(≥39.4)	54.41%	69.41%	0.6607	1.7787	0.6568
(≥39.5)	54.41%	69.62%	0.6623	1.7911	0.6548
(≥39.6)	54.41%	70.25%	0.6672	1.8292	0.6489
(≥39.7)	54.41%	70.89%	0.6721	1.8689	0.6431
(≥39.8)	53.68%	71.10%	0.6721	1.8571	0.6516
(≥39.9)	53.68%	71.94%	0.6787	1.913	0.6439
(≥40)	53.68%	72.36%	0.682	1.9422	0.6402
(≥40.1)	52.21%	72.36%	0.6787	1.889	0.6605
(≥40.2)	51.47%	72.36%	0.677	1.8624	0.6706
(≥40.3)	50.00%	72.57%	0.6754	1.8231	0.689
(≥40.4)	50.00%	73.42%	0.682	1.881	0.681
(≥40.6)	50.00%	74.05%	0.6869	1.9268	0.6752
(≥40.7)	49.26%	74.26%	0.6869	1.9141	0.6832
(≥40.8)	48.53%	74.26%	0.6852	1.8855	0.6931
(≥41)	47.79%	75.11%	0.6902	1.9199	0.6951
(≥41.1)	47.79%	75.32%	0.6918	1.9363	0.6932
(≥41.2)	47.79%	75.95%	0.6967	1.9872	0.6874
(≥41.3)	47.06%	76.37%	0.6984	1.9916	0.6932
(≥41.4)	47.06%	77.85%	0.7098	2.1244	0.6801
(≥41.5)	46.32%	77.85%	0.7082	2.0912	0.6895
(≥41.8)	45.59%	78.06%	0.7082	2.0778	0.6971
(≥41.9)	45.59%	78.48%	0.7115	2.1185	0.6933
(≥42.1)	44.85%	79.32%	0.7164	2.1694	0.6952
(≥42.2)	44.12%	79.54%	0.7164	2.1559	0.7026
(≥42.3)	43.38%	79.54%	0.7148	2.1199	0.7119
(≥42.4)	43.38%	80.17%	0.7197	2.1876	0.7062
(≥42.6)	42.65%	80.80%	0.723	2.2214	0.7098
(≥42.7)	42.65%	81.43%	0.7279	2.2971	0.7043
(≥42.8)	42.65%	82.07%	0.7328	2.3782	0.6989
(≥42.9)	42.65%	82.28%	0.7344	2.4065	0.6971
(≥43)	42.65%	82.70%	0.7377	2.4652	0.6935
(≥43.1)	41.91%	82.70%	0.7361	2.4227	0.7024
(≥43.2)	41.18%	83.33%	0.7393	2.4706	0.7059
(≥43.3)	41.18%	83.54%	0.741	2.5023	0.7041
(≥43.4)	41.18%	83.97%	0.7443	2.5681	0.7006
(≥43.5)	40.44%	84.39%	0.7459	2.5904	0.7058
(≥43.6)	39.71%	84.81%	0.7475	2.614	0.7109

(≥43.7)	38.97%	85.02%	0.7475	2.6017	0.7178
(≥43.8)	38.97%	85.23%	0.7492	2.6389	0.716
(≥43.9)	37.50%	85.44%	0.7475	2.5761	0.7315
(≥44)	36.03%	85.44%	0.7443	2.4751	0.7487
(≥44.1)	36.03%	85.65%	0.7459	2.5115	0.7468
(≥44.2)	36.03%	85.86%	0.7475	2.5489	0.745
(≥44.3)	34.56%	86.29%	0.7475	2.5201	0.7584
(≥44.4)	33.82%	86.29%	0.7459	2.4665	0.7669
(≥44.5)	33.09%	87.13%	0.7508	2.5711	0.7679
(≥44.6)	33.09%	87.55%	0.7541	2.6583	0.7642
(≥44.7)	33.09%	87.76%	0.7557	2.7041	0.7624
(≥44.9)	31.62%	87.97%	0.7541	2.6293	0.7773
(≥45)	31.62%	88.19%	0.7557	2.6762	0.7754
(≥45.1)	30.88%	88.19%	0.7541	2.614	0.7838
(≥45.3)	30.88%	88.61%	0.7574	2.7108	0.78
(≥45.4)	30.15%	88.61%	0.7557	2.6462	0.7883
(≥45.5)	30.15%	89.45%	0.7623	2.8579	0.7809
(≥45.9)	30.15%	89.66%	0.7639	2.9163	0.7791
(≥46)	30.15%	90.08%	0.7672	3.0404	0.7754
(≥46.1)	29.41%	90.30%	0.7672	3.0307	0.7817
(≥46.3)	29.41%	90.51%	0.7689	3.098	0.7799
(≥46.4)	27.94%	90.51%	0.7656	2.9431	0.7962
(≥46.5)	27.21%	90.72%	0.7656	2.9308	0.8024
(≥46.6)	26.47%	90.72%	0.7639	2.8516	0.8105
(≥46.8)	25.00%	90.72%	0.7607	2.6932	0.8267
(≥46.9)	25.00%	91.14%	0.7639	2.8214	0.8229
(≥47)	23.53%	91.14%	0.7607	2.6555	0.8391
(≥47.1)	23.53%	91.35%	0.7623	2.7202	0.8371
(≥47.2)	22.79%	91.56%	0.7623	2.7011	0.8432
(≥47.3)	22.06%	92.19%	0.7656	2.8259	0.8454
(≥47.5)	22.06%	92.41%	0.7672	2.9044	0.8435
(≥47.6)	22.06%	92.62%	0.7689	2.9874	0.8416
(≥47.7)	22.06%	92.83%	0.7705	3.0753	0.8396
(≥47.9)	21.32%	93.25%	0.7721	3.1585	0.8437
(≥48.1)	19.85%	93.25%	0.7689	2.9407	0.8595
(≥48.5)	19.12%	93.67%	0.7705	3.0206	0.8635
(≥48.6)	18.38%	93.88%	0.7705	3.0046	0.8694
(≥48.8)	18.38%	94.30%	0.7738	3.2271	0.8655
(≥49.1)	18.38%	94.73%	0.777	3.4853	0.8616
(≥49.2)	18.38%	95.15%	0.7803	3.7884	0.8578
(≥49.6)	17.65%	95.57%	0.782	3.9832	0.8617
(≥49.7)	16.91%	95.57%	0.7803	3.8172	0.8694
(≥49.8)	16.18%	95.57%	0.7787	3.6513	0.8771

(≥49.9)	13.97%	95.57%	0.7738	3.1534	0.9002
(≥50.2)	13.24%	95.78%	0.7738	3.1368	0.9059
(≥50.3)	13.24%	95.99%	0.7754	3.3019	0.9039
(≥50.4)	13.24%	96.20%	0.777	3.4853	0.9019
(≥50.6)	13.24%	96.41%	0.7787	3.6903	0.8999
(≥50.7)	12.50%	96.41%	0.777	3.4853	0.9075
(≥50.8)	11.76%	96.62%	0.777	3.4853	0.9132
(≥51)	10.29%	96.62%	0.7738	3.0496	0.9284
(≥51.2)	9.56%	96.62%	0.7721	2.8318	0.936
(≥51.3)	8.82%	96.62%	0.7705	2.614	0.9436
(≥51.6)	8.09%	96.62%	0.7689	2.3961	0.9512
(≥51.7)	7.35%	96.62%	0.7672	2.1783	0.9588
(≥51.8)	7.35%	96.84%	0.7689	2.3235	0.9567
(≥52)	6.62%	96.84%	0.7672	2.0912	0.9643
(≥52.2)	6.62%	97.05%	0.7689	2.2405	0.9622
(≥52.4)	5.88%	97.05%	0.7672	1.9916	0.9698
(≥52.5)	5.15%	97.05%	0.7656	1.7426	0.9774
(≥52.6)	5.15%	97.26%	0.7672	1.8767	0.9753
(≥52.7)	4.41%	97.26%	0.7656	1.6086	0.9828
(≥52.8)	4.41%	97.47%	0.7672	1.7426	0.9807
(≥53.1)	4.41%	97.68%	0.7689	1.9011	0.9786
(≥53.3)	4.41%	97.89%	0.7705	2.0912	0.9765
(≥53.4)	4.41%	98.10%	0.7721	2.3235	0.9744
(≥53.5)	4.41%	98.31%	0.7738	2.614	0.9723
(≥53.6)	3.68%	98.31%	0.7721	2.1783	0.9798
(≥53.8)	3.68%	98.73%	0.7754	2.9044	0.9756
(≥54)	2.94%	98.73%	0.7738	2.3235	0.983
(≥54.3)	2.94%	98.95%	0.7754	2.7882	0.9809
(≥54.6)	2.94%	99.16%	0.777	3.4853	0.9788
(≥55)	2.94%	99.37%	0.7787	4.6471	0.9768
(≥55.4)	2.21%	99.58%	0.7787	5.2279	0.9821
(≥56.7)	2.21%	99.79%	0.7803	10.456	0.98
(≥58.2)	2.21%	100.00%	0.782		0.9779
(≥60)	1.47%	100.00%	0.7803		0.9853
(≥66.9)	0.74%	100.00%	0.7787		0.9926
(≥66.9)	0.00%	100.00%	0.777		1

Supplementary Table 7: ROC analysis for anemia in women

Cutpoint	Sensitivity	Specificity	Correctly Classified	LR+	LR-
(>=13.1)	100.00%	0.00%	22.30%	1	
(>=13.3)	100.00%	0.21%	22.46%	1.0021	0
(>=16)	100.00%	0.42%	22.62%	1.0042	0
(>=18.4)	100.00%	0.63%	22.79%	1.0064	0
(>=19)	99.26%	0.63%	22.62%	0.999	1.1618
(>=20.3)	99.26%	0.84%	22.79%	1.0011	0.8713
(>=21.1)	99.26%	1.05%	22.95%	1.0032	0.6971
(>=22.2)	98.53%	1.05%	22.79%	0.9958	1.3941
(>=22.4)	97.79%	1.05%	22.62%	0.9884	2.0912
(>=22.5)	97.79%	1.27%	22.79%	0.9905	1.7426
(>=23.5)	97.79%	1.48%	22.95%	0.9926	1.4937
(>=25.1)	97.79%	1.69%	23.11%	0.9947	1.307
(>=25.2)	97.79%	1.90%	23.28%	0.9969	1.1618
(>=25.5)	97.79%	2.11%	23.44%	0.999	1.0456
(>=25.9)	97.06%	2.32%	23.44%	0.9936	1.2674
(>=26.8)	97.06%	2.53%	23.61%	0.9958	1.1618
(>=27)	97.06%	2.95%	23.93%	1.0001	0.9958
(>=27.1)	97.06%	3.80%	24.59%	1.0089	0.7745
(>=27.3)	97.06%	4.22%	24.92%	1.0133	0.6971
(>=27.6)	97.06%	4.43%	25.08%	1.0156	0.6639
(>=27.7)	96.32%	4.43%	24.92%	1.0079	0.8298
(>=27.9)	95.59%	4.43%	24.75%	1.0002	0.9958
(>=28.2)	94.85%	4.43%	24.59%	0.9925	1.1618
(>=28.3)	94.85%	4.64%	24.75%	0.9947	1.109
(>=28.7)	94.85%	4.85%	24.92%	0.9969	1.0607
(>=28.8)	94.85%	5.06%	25.08%	0.9991	1.0165
(>=29.1)	94.85%	5.27%	25.25%	1.0013	0.9759
(>=29.2)	94.85%	5.49%	25.41%	1.0036	0.9383
(>=29.6)	94.85%	5.70%	25.57%	1.0058	0.9036
(>=29.7)	94.85%	5.91%	25.74%	1.0081	0.8713
(>=30.4)	94.12%	5.91%	25.57%	1.0003	0.9958
(>=31.9)	93.38%	5.91%	25.41%	0.9924	1.1203
(>=32.3)	93.38%	6.12%	25.57%	0.9947	1.0816
(>=32.8)	93.38%	6.33%	25.74%	0.9969	1.0456
(>=32.9)	92.65%	6.54%	25.74%	0.9913	1.1243
(>=33)	92.65%	6.75%	25.90%	0.9935	1.0892
(>=33.6)	92.65%	6.96%	26.07%	0.9958	1.0562
(>=33.8)	92.65%	7.17%	26.23%	0.9981	1.0251
(>=33.9)	92.65%	7.38%	26.39%	1.0003	0.9958

(>=34)	92.65%	7.59%	26.56%	1.0026	0.9681
(>=34.1)	92.65%	7.81%	26.72%	1.0049	0.942
(>=34.4)	92.65%	8.44%	27.21%	1.0119	0.8713
(>=34.5)	92.65%	8.86%	27.54%	1.0165	0.8298
(>=34.6)	92.65%	9.07%	27.70%	1.0189	0.8105
(>=34.7)	91.91%	9.28%	27.70%	1.0132	0.8713
(>=34.8)	91.18%	9.28%	27.54%	1.0051	0.9505
(>=34.9)	91.18%	9.49%	27.70%	1.0074	0.9294
(>=35)	90.44%	9.49%	27.54%	0.9993	1.0069
(>=35.1)	90.44%	9.70%	27.70%	1.0016	0.985
(>=35.2)	89.71%	9.70%	27.54%	0.9935	1.0607
(>=35.3)	89.71%	10.13%	27.87%	0.9981	1.0165
(>=35.5)	89.71%	10.34%	28.03%	1.0005	0.9958
(>=35.6)	89.71%	10.76%	28.36%	1.0052	0.9567
(>=35.7)	89.71%	11.39%	28.85%	1.0124	0.9036
(>=35.8)	88.97%	11.39%	28.69%	1.0041	0.9681
(>=36)	88.24%	11.81%	28.85%	1.0006	0.9958
(>=36.4)	88.24%	12.03%	29.02%	1.003	0.9783
(>=36.5)	88.24%	12.24%	29.18%	1.0054	0.9615
(>=36.6)	88.24%	12.66%	29.51%	1.0102	0.9294
(>=36.8)	87.50%	12.66%	29.34%	1.0018	0.9875
(>=37)	87.50%	12.87%	29.51%	1.0042	0.9713
(>=37.1)	86.76%	13.08%	29.51%	0.9982	1.0119
(>=37.2)	86.03%	13.29%	29.51%	0.9922	1.0511
(>=37.3)	86.03%	13.50%	29.67%	0.9946	1.0347
(>=37.5)	86.03%	13.71%	29.84%	0.997	1.0188
(>=37.6)	86.03%	13.92%	30.00%	0.9995	1.0033
(>=37.8)	86.03%	14.35%	30.33%	1.0044	0.9738
(>=38.1)	86.03%	14.77%	30.66%	1.0094	0.946
(>=38.2)	86.03%	15.19%	30.98%	1.0144	0.9197
(>=38.3)	86.03%	15.61%	31.31%	1.0194	0.8949
(>=38.4)	86.03%	15.82%	31.48%	1.022	0.8829
(>=38.5)	86.03%	16.24%	31.80%	1.0272	0.86
(>=38.6)	86.03%	16.46%	31.97%	1.0297	0.849
(>=38.7)	86.03%	16.67%	32.13%	1.0324	0.8382
(>=38.8)	86.03%	16.88%	32.30%	1.035	0.8278
(>=39)	86.03%	17.09%	32.46%	1.0376	0.8175
(>=39.1)	86.03%	17.51%	32.79%	1.0429	0.7978
(>=39.2)	84.56%	17.93%	32.79%	1.0304	0.8611
(>=39.4)	84.56%	18.14%	32.95%	1.033	0.8511
(>=39.7)	83.82%	18.14%	32.79%	1.024	0.8916
(>=39.8)	83.82%	18.57%	33.11%	1.0293	0.8713
(>=39.9)	83.09%	18.99%	33.28%	1.0256	0.8907

(>=40.2)	83.09%	19.41%	33.61%	1.031	0.8713
(>=40.5)	83.09%	19.83%	33.93%	1.0364	0.8528
(>=40.7)	82.35%	19.83%	33.77%	1.0272	0.8899
(>=40.8)	81.62%	19.83%	33.61%	1.0181	0.9269
(>=40.9)	81.62%	20.04%	33.77%	1.0208	0.9172
(>=41)	81.62%	20.46%	34.10%	1.0262	0.8983
(>=41.1)	81.62%	20.68%	34.26%	1.0289	0.8891
(>=41.2)	81.62%	21.10%	34.59%	1.0344	0.8713
(>=41.3)	81.62%	21.31%	34.75%	1.0372	0.8627
(>=41.4)	80.88%	21.52%	34.75%	1.0306	0.8884
(>=41.6)	80.15%	21.73%	34.75%	1.024	0.9136
(>=41.9)	79.41%	21.94%	34.75%	1.0173	0.9383
(>=42)	79.41%	22.57%	35.25%	1.0256	0.912
(>=42.1)	79.41%	22.78%	35.41%	1.0284	0.9036
(>=42.2)	79.41%	23.00%	35.57%	1.0313	0.8953
(>=42.3)	79.41%	23.42%	35.90%	1.0369	0.8792
(>=42.4)	78.68%	23.84%	36.07%	1.033	0.8945
(>=42.5)	77.94%	24.05%	36.07%	1.0262	0.9172
(>=42.6)	77.94%	24.26%	36.23%	1.0291	0.9092
(>=42.7)	77.21%	24.47%	36.23%	1.0222	0.9314
(>=42.8)	77.21%	24.89%	36.56%	1.028	0.9156
(>=42.9)	77.21%	25.11%	36.72%	1.0309	0.9079
(>=43)	77.21%	25.32%	36.89%	1.0338	0.9004
(>=43.1)	77.21%	25.53%	37.05%	1.0367	0.8929
(>=43.3)	77.21%	26.16%	37.54%	1.0456	0.8713
(>=43.5)	77.21%	26.37%	37.70%	1.0486	0.8644
(>=43.6)	77.21%	26.58%	37.87%	1.0516	0.8575
(>=43.7)	77.21%	26.79%	38.03%	1.0546	0.8507
(>=43.9)	76.47%	27.22%	38.20%	1.0506	0.8646
(>=44)	76.47%	27.43%	38.36%	1.0537	0.8579
(>=44.1)	75.74%	27.43%	38.20%	1.0436	0.8847
(>=44.2)	75.74%	27.64%	38.36%	1.0466	0.878
(>=44.3)	75.74%	27.85%	38.52%	1.0497	0.8713
(>=44.4)	75.74%	28.90%	39.34%	1.0652	0.8395
(>=44.5)	75.74%	29.11%	39.51%	1.0684	0.8334
(>=44.6)	75.74%	29.32%	39.67%	1.0716	0.8274
(>=44.7)	75.74%	29.75%	40.00%	1.078	0.8157
(>=44.9)	75.00%	29.75%	39.84%	1.0676	0.8404
(>=45)	75.00%	29.96%	40.00%	1.0708	0.8345
(>=45.1)	75.00%	30.17%	40.16%	1.074	0.8287
(>=45.3)	73.53%	30.59%	40.16%	1.0594	0.8653
(>=45.4)	73.53%	30.80%	40.33%	1.0626	0.8594
(>=45.5)	72.79%	30.80%	40.16%	1.052	0.8833

(>=45.6)	72.06%	31.22%	40.33%	1.0477	0.8949
(>=45.8)	71.32%	31.65%	40.49%	1.0434	0.9062
(>=45.9)	71.32%	32.28%	40.98%	1.0532	0.8884
(>=46.1)	71.32%	32.70%	41.31%	1.0598	0.8769
(>=46.2)	71.32%	32.91%	41.48%	1.0631	0.8713
(>=46.4)	70.59%	33.33%	41.64%	1.0588	0.8824
(>=46.5)	69.85%	33.54%	41.64%	1.0511	0.8987
(>=46.6)	69.85%	33.97%	41.97%	1.0578	0.8876
(>=46.8)	69.12%	34.39%	42.13%	1.0534	0.8981
(>=46.9)	69.12%	35.02%	42.62%	1.0637	0.8818
(>=47)	69.12%	35.86%	43.28%	1.0777	0.8611
(>=47.1)	69.12%	36.29%	43.61%	1.0848	0.8511
(>=47.2)	68.38%	36.50%	43.61%	1.0769	0.8663
(>=47.3)	68.38%	36.71%	43.77%	1.0804	0.8613
(>=47.4)	68.38%	36.92%	43.93%	1.0841	0.8564
(>=47.5)	68.38%	37.34%	44.26%	1.0914	0.8467
(>=47.6)	68.38%	37.97%	44.75%	1.1025	0.8326
(>=47.7)	68.38%	38.40%	45.08%	1.11	0.8234
(>=47.8)	68.38%	38.61%	45.25%	1.1139	0.8189
(>=47.9)	68.38%	39.03%	45.57%	1.1216	0.8101
(>=48)	68.38%	39.24%	45.74%	1.1255	0.8057
(>=48.1)	68.38%	39.66%	46.07%	1.1333	0.7972
(>=48.3)	68.38%	40.08%	46.39%	1.1413	0.7888
(>=48.4)	68.38%	40.30%	46.56%	1.1453	0.7846
(>=48.6)	68.38%	40.72%	46.89%	1.1535	0.7765
(>=48.7)	68.38%	41.14%	47.21%	1.1618	0.7686
(>=48.8)	67.65%	41.56%	47.38%	1.1576	0.7784
(>=49)	67.65%	42.19%	47.87%	1.1702	0.7668
(>=49.1)	66.91%	42.41%	47.87%	1.1618	0.7803
(>=49.2)	66.18%	42.62%	47.87%	1.1532	0.7937
(>=49.4)	66.18%	43.04%	48.20%	1.1618	0.7859
(>=49.5)	66.18%	43.67%	48.69%	1.1748	0.7745
(>=49.6)	66.18%	43.88%	48.85%	1.1792	0.7708
(>=49.7)	65.44%	44.30%	49.02%	1.175	0.78
(>=49.9)	65.44%	44.51%	49.18%	1.1794	0.7763
(>=50)	64.71%	44.94%	49.34%	1.1751	0.7854
(>=50.2)	64.71%	45.36%	49.67%	1.1842	0.7781
(>=50.3)	64.71%	45.57%	49.84%	1.1888	0.7745
(>=50.4)	63.97%	45.99%	50.00%	1.1845	0.7834
(>=50.5)	63.97%	46.41%	50.33%	1.1938	0.7763
(>=50.6)	63.24%	46.41%	50.16%	1.1801	0.7921
(>=50.7)	63.24%	46.62%	50.33%	1.1847	0.7885
(>=50.8)	63.24%	47.05%	50.66%	1.1942	0.7815

(>=50.9)	63.24%	47.26%	50.82%	1.1989	0.778
(>=51)	63.24%	48.10%	51.48%	1.2184	0.7643
(>=51.2)	62.50%	48.52%	51.64%	1.2141	0.7728
(>=51.3)	62.50%	48.95%	51.97%	1.2242	0.7662
(>=51.4)	62.50%	49.37%	52.30%	1.2344	0.7596
(>=51.6)	62.50%	49.58%	52.46%	1.2395	0.7564
(>=51.7)	62.50%	49.79%	52.62%	1.2447	0.7532
(>=51.8)	61.76%	50.42%	52.95%	1.2458	0.7583
(>=52)	61.76%	50.63%	53.11%	1.2511	0.7551
(>=52.1)	61.76%	51.05%	53.44%	1.2619	0.7489
(>=52.3)	61.03%	51.27%	53.44%	1.2523	0.7602
(>=52.4)	61.03%	51.69%	53.77%	1.2632	0.754
(>=52.5)	61.03%	51.90%	53.93%	1.2688	0.7509
(>=52.6)	61.03%	52.53%	54.43%	1.2857	0.7418
(>=52.7)	60.29%	52.95%	54.59%	1.2816	0.7498
(>=52.8)	59.56%	54.01%	55.25%	1.295	0.7488
(>=53.1)	58.82%	54.22%	55.25%	1.2849	0.7594
(>=53.3)	58.82%	54.43%	55.41%	1.2908	0.7565
(>=53.4)	58.82%	55.06%	55.90%	1.309	0.7478
(>=53.5)	58.82%	55.70%	56.39%	1.3277	0.7393
(>=53.6)	58.82%	55.91%	56.56%	1.3341	0.7365
(>=53.7)	58.09%	55.91%	56.39%	1.3174	0.7497
(>=53.8)	58.09%	56.12%	56.56%	1.3237	0.7468
(>=53.9)	58.09%	56.54%	56.89%	1.3366	0.7413
(>=54)	57.35%	57.38%	57.38%	1.3458	0.7432
(>=54.1)	57.35%	58.02%	57.87%	1.3661	0.7351
(>=54.3)	56.62%	58.23%	57.87%	1.3554	0.745
(>=54.4)	55.88%	58.86%	58.20%	1.3584	0.7495
(>=54.5)	55.15%	59.28%	58.36%	1.3544	0.7566
(>=54.6)	55.15%	59.92%	58.85%	1.3758	0.7486
(>=54.7)	54.41%	60.13%	58.85%	1.3646	0.7582
(>=54.8)	54.41%	60.97%	59.51%	1.3941	0.7477
(>=54.9)	53.68%	61.18%	59.51%	1.3828	0.7572
(>=55)	53.68%	61.39%	59.67%	1.3903	0.7545
(>=55.1)	53.68%	61.81%	60.00%	1.4057	0.7494
(>=55.2)	52.94%	62.24%	60.16%	1.4019	0.7561
(>=55.3)	51.47%	62.45%	60.00%	1.3706	0.7771
(>=55.4)	50.74%	62.87%	60.16%	1.3664	0.7836
(>=55.5)	49.26%	63.08%	60.00%	1.3344	0.8043
(>=55.6)	48.53%	63.29%	60.00%	1.322	0.8132
(>=55.7)	48.53%	63.71%	60.33%	1.3374	0.8078
(>=55.8)	48.53%	63.92%	60.49%	1.3452	0.8052
(>=55.9)	47.79%	64.14%	60.49%	1.3326	0.814

(>=56)	47.79%	64.56%	60.82%	1.3485	0.8087
(>=56.1)	47.06%	65.40%	61.31%	1.3601	0.8095
(>=56.2)	47.06%	65.61%	61.48%	1.3685	0.8069
(>=56.3)	46.32%	66.03%	61.64%	1.3638	0.8129
(>=56.4)	45.59%	66.03%	61.48%	1.3422	0.824
(>=56.6)	44.85%	66.03%	61.31%	1.3205	0.8351
(>=56.7)	44.12%	66.67%	61.64%	1.3235	0.8382
(>=56.9)	44.12%	66.88%	61.80%	1.332	0.8356
(>=57)	44.12%	67.30%	62.13%	1.3491	0.8304
(>=57.1)	44.12%	67.72%	62.46%	1.3668	0.8252
(>=57.2)	44.12%	68.78%	63.28%	1.413	0.8125
(>=57.3)	44.12%	68.99%	63.44%	1.4226	0.81
(>=57.4)	44.12%	69.20%	63.61%	1.4323	0.8076
(>=57.5)	43.38%	69.41%	63.61%	1.4182	0.8157
(>=57.6)	43.38%	69.83%	63.93%	1.438	0.8108
(>=57.7)	43.38%	70.04%	64.10%	1.4481	0.8083
(>=57.8)	43.38%	70.68%	64.59%	1.4794	0.8011
(>=57.9)	42.65%	71.10%	64.75%	1.4755	0.8067
(>=58.1)	42.65%	71.31%	64.92%	1.4864	0.8043
(>=58.2)	42.65%	71.52%	65.08%	1.4974	0.8019
(>=58.4)	42.65%	72.15%	65.57%	1.5314	0.7949
(>=58.5)	42.65%	72.57%	65.90%	1.555	0.7903
(>=58.6)	41.91%	73.21%	66.23%	1.5643	0.7935
(>=58.7)	41.91%	73.42%	66.39%	1.5767	0.7912
(>=58.8)	41.91%	74.26%	67.05%	1.6284	0.7822
(>=58.9)	41.18%	74.89%	67.38%	1.6401	0.7854
(>=59)	40.44%	74.89%	67.21%	1.6108	0.7952
(>=59.1)	40.44%	75.74%	67.87%	1.6669	0.7864
(>=59.2)	40.44%	76.16%	68.20%	1.6964	0.782
(>=59.3)	40.44%	76.37%	68.36%	1.7115	0.7799
(>=59.4)	40.44%	77.22%	69.02%	1.7749	0.7713
(>=59.5)	40.44%	77.64%	69.34%	1.8084	0.7671
(>=59.6)	40.44%	78.06%	69.67%	1.8432	0.763
(>=59.7)	40.44%	78.69%	70.16%	1.8979	0.7569
(>=59.8)	40.44%	79.11%	70.49%	1.9363	0.7528
(>=59.9)	40.44%	80.17%	71.31%	2.0393	0.7429
(>=60.1)	40.44%	80.59%	71.64%	2.0836	0.739
(>=60.2)	39.71%	80.59%	71.48%	2.0457	0.7482
(>=60.3)	39.71%	80.80%	71.64%	2.0682	0.7462
(>=60.4)	38.97%	81.43%	71.97%	2.0991	0.7494
(>=60.5)	38.97%	81.65%	72.13%	2.1232	0.7475
(>=60.7)	37.50%	81.86%	71.97%	2.0669	0.7635
(>=60.8)	37.50%	82.07%	72.13%	2.0912	0.7616

(>=61.1)	36.76%	82.28%	72.13%	2.0746	0.7686
(>=61.3)	36.03%	82.91%	72.46%	2.1084	0.7716
(>=61.5)	35.29%	83.12%	72.46%	2.0912	0.7784
(>=61.6)	34.56%	83.33%	72.46%	2.0735	0.7853
(>=61.8)	33.82%	83.76%	72.62%	2.0821	0.7901
(>=61.9)	33.09%	84.18%	72.79%	2.0912	0.7949
(>=62)	32.35%	84.81%	73.11%	2.1299	0.7976
(>=62.1)	32.35%	85.44%	73.61%	2.2225	0.7917
(>=62.3)	32.35%	86.08%	74.10%	2.3235	0.7859
(>=62.5)	31.62%	86.08%	73.93%	2.2707	0.7944
(>=62.6)	31.62%	86.50%	74.26%	2.3417	0.7906
(>=62.7)	31.62%	86.71%	74.43%	2.3789	0.7886
(>=62.8)	31.62%	86.92%	74.59%	2.4172	0.7867
(>=62.9)	31.62%	87.13%	74.75%	2.4568	0.7848
(>=63.2)	31.62%	87.55%	75.08%	2.5401	0.781
(>=63.3)	31.62%	87.76%	75.25%	2.5839	0.7792
(>=63.5)	30.88%	88.19%	75.41%	2.614	0.7838
(>=63.6)	30.88%	88.40%	75.57%	2.6615	0.7819
(>=63.7)	30.88%	88.61%	75.74%	2.7108	0.78
(>=63.8)	29.41%	88.82%	75.57%	2.6304	0.7947
(>=63.9)	29.41%	89.45%	76.07%	2.7882	0.7891
(>=64)	29.41%	89.66%	76.23%	2.8451	0.7873
(>=64.1)	28.68%	89.66%	76.07%	2.774	0.7955
(>=64.4)	27.94%	89.66%	75.90%	2.7029	0.8037
(>=64.5)	27.21%	89.87%	75.90%	2.6866	0.81
(>=64.6)	26.47%	90.08%	75.90%	2.6696	0.8162
(>=64.7)	25.74%	90.30%	75.90%	2.6519	0.8225
(>=64.8)	25.74%	90.51%	76.07%	2.7108	0.8205
(>=65.1)	25.74%	91.14%	76.56%	2.9044	0.8148
(>=65.2)	25.74%	91.35%	76.72%	2.9753	0.813
(>=65.4)	25.74%	91.56%	76.89%	3.0496	0.8111
(>=65.6)	25.74%	91.77%	77.05%	3.1278	0.8092
(>=65.7)	25.74%	91.98%	77.21%	3.2101	0.8074
(>=65.8)	25.74%	92.19%	77.38%	3.2969	0.8055
(>=66)	25.00%	92.62%	77.54%	3.3857	0.8098
(>=66.1)	24.26%	92.62%	77.38%	3.2861	0.8177
(>=66.2)	24.26%	93.04%	77.70%	3.4853	0.814
(>=66.3)	24.26%	93.25%	77.87%	3.5942	0.8122
(>=66.4)	24.26%	93.67%	78.20%	3.8338	0.8085
(>=66.5)	23.53%	93.67%	78.03%	3.7176	0.8164
(>=66.6)	22.79%	93.88%	78.03%	3.7257	0.8224
(>=66.7)	22.06%	93.88%	77.87%	3.6055	0.8302
(>=66.8)	21.32%	93.88%	77.70%	3.4853	0.838

(>=66.9)	21.32%	94.30%	78.03%	3.7435	0.8343
(>=67)	21.32%	94.51%	78.20%	3.8874	0.8324
(>=67.2)	21.32%	95.78%	79.18%	5.0537	0.8214
(>=67.4)	21.32%	95.99%	79.34%	5.3197	0.8196
(>=67.5)	21.32%	96.20%	79.51%	5.6152	0.8178
(>=67.6)	20.59%	96.41%	79.51%	5.7405	0.8237
(>=67.7)	19.12%	96.62%	79.34%	5.6636	0.8371
(>=68)	19.12%	96.84%	79.51%	6.0412	0.8353
(>=68.1)	18.38%	96.84%	79.34%	5.8088	0.8428
(>=68.5)	18.38%	97.05%	79.51%	6.2237	0.841
(>=68.6)	16.91%	97.05%	79.18%	5.7258	0.8562
(>=68.7)	16.18%	97.26%	79.18%	5.8982	0.8619
(>=68.8)	14.71%	97.47%	79.02%	5.8088	0.8751
(>=69.1)	14.71%	97.68%	79.18%	6.3369	0.8732
(>=69.2)	14.71%	97.89%	79.34%	6.9706	0.8713
(>=69.6)	13.24%	97.89%	79.02%	6.2735	0.8863
(>=69.7)	12.50%	97.89%	78.85%	5.925	0.8939
(>=69.9)	12.50%	98.10%	79.02%	6.5833	0.8919
(>=70.1)	11.76%	98.10%	78.85%	6.1961	0.8994
(>=71.1)	11.03%	98.10%	78.69%	5.8088	0.9069
(>=71.2)	9.56%	98.10%	78.36%	5.0343	0.9219
(>=71.3)	9.56%	98.31%	78.52%	5.6636	0.9199
(>=71.4)	8.82%	98.31%	78.36%	5.2279	0.9274
(>=71.5)	8.09%	98.31%	78.20%	4.7923	0.9349
(>=71.6)	7.35%	98.31%	78.03%	4.3566	0.9424
(>=71.8)	6.62%	98.31%	77.87%	3.9209	0.9499
(>=72.2)	6.62%	98.52%	78.03%	4.4811	0.9478
(>=72.4)	5.88%	98.52%	77.87%	3.9832	0.9553
(>=72.8)	5.15%	98.52%	77.70%	3.4853	0.9627
(>=73)	4.41%	98.52%	77.54%	2.9874	0.9702
(>=73.2)	3.68%	98.52%	77.38%	2.4895	0.9777
(>=74.5)	3.68%	98.95%	77.70%	3.4853	0.9735
(>=75.5)	2.94%	99.16%	77.70%	3.4853	0.9788
(>=76.3)	2.21%	99.16%	77.54%	2.614	0.9863
(>=77)	2.21%	99.37%	77.70%	3.4853	0.9842
(>=78.2)	2.21%	99.58%	77.87%	5.2279	0.9821
(>=78.8)	1.47%	99.58%	77.70%	3.4853	0.9895
(>=79.5)	0.74%	99.58%	77.54%	1.7426	0.9969
(>=80)	0.74%	99.79%	77.70%	3.4853	0.9947
(>=80.8)	0.00%	99.79%	77.54%	0	1.0021
(>80.8)	0.00%	100.00%	77.70%		1

Supplementary Table 8: ROC analysis for anemia in men

Cutpoint	Sensitivity	Specificity	Correctly Classified	LR+	LR-
(>=3.7)	100.00%	0.00%	22.41%	1	
(>=4.4)	100.00%	0.21%	22.57%	1.0021	0
(>=5.1)	100.00%	0.42%	22.73%	1.0043	0
(>=5.6)	100.00%	0.64%	22.90%	1.0064	0
(>=6)	100.00%	0.85%	23.06%	1.0086	0
(>=6.2)	100.00%	1.27%	23.39%	1.0129	0
(>=6.3)	99.26%	1.49%	23.39%	1.0076	0.4948
(>=6.5)	99.26%	1.70%	23.56%	1.0098	0.4329
(>=6.8)	98.53%	1.70%	23.39%	1.0023	0.8658
(>=6.9)	98.53%	1.91%	23.56%	1.0045	0.7696
(>=7)	98.53%	2.12%	23.72%	1.0067	0.6926
(>=7.3)	98.53%	2.34%	23.89%	1.0089	0.6297
(>=7.4)	98.53%	2.55%	24.05%	1.0111	0.5772
(>=7.6)	98.53%	2.76%	24.22%	1.0133	0.5328
(>=7.8)	98.53%	2.97%	24.38%	1.0155	0.4947
(>=7.9)	98.53%	3.40%	24.71%	1.0199	0.4329
(>=8.4)	98.53%	3.61%	24.88%	1.0222	0.4074
(>=8.6)	98.53%	4.03%	25.21%	1.0267	0.3646
(>=8.7)	98.53%	4.46%	25.54%	1.0313	0.3298
(>=8.8)	98.53%	4.67%	25.70%	1.0336	0.3148
(>=8.9)	98.53%	5.10%	26.03%	1.0382	0.2886
(>=9.1)	98.53%	5.52%	26.36%	1.0429	0.2664
(>=9.2)	98.53%	5.94%	26.69%	1.0476	0.2474
(>=9.3)	97.79%	6.16%	26.69%	1.0421	0.3583
(>=9.8)	97.79%	6.37%	26.85%	1.0445	0.3463
(>=9.9)	97.06%	6.58%	26.85%	1.039	0.4469
(>=10)	97.06%	6.79%	27.02%	1.0413	0.4329
(>=10.1)	97.06%	7.01%	27.18%	1.0437	0.4198
(>=10.2)	97.06%	7.86%	27.84%	1.0533	0.3744
(>=10.3)	97.06%	8.07%	28.01%	1.0558	0.3646
(>=10.4)	97.06%	8.28%	28.17%	1.0582	0.3552
(>=10.6)	97.06%	8.49%	28.34%	1.0607	0.3463
(>=10.7)	97.06%	8.70%	28.50%	1.0631	0.3379
(>=10.9)	97.06%	8.92%	28.67%	1.0656	0.3298
(>=11)	97.06%	9.13%	28.83%	1.0681	0.3222
(>=11.1)	97.06%	9.34%	29.00%	1.0706	0.3148
(>=11.2)	97.06%	9.77%	29.32%	1.0756	0.3012
(>=11.3)	97.06%	9.98%	29.49%	1.0782	0.2947
(>=11.4)	96.32%	9.98%	29.32%	1.07	0.3684

(>=11.5)	96.32%	10.40%	29.65%	1.0751	0.3534
(>=11.6)	96.32%	10.62%	29.82%	1.0776	0.3463
(>=11.8)	96.32%	11.04%	30.15%	1.0828	0.333
(>=11.9)	96.32%	11.25%	30.31%	1.0854	0.3267
(>=12)	96.32%	11.46%	30.48%	1.088	0.3207
(>=12.1)	96.32%	12.31%	31.14%	1.0985	0.2986
(>=12.3)	95.59%	12.53%	31.14%	1.0928	0.3522
(>=12.4)	95.59%	12.95%	31.47%	1.0981	0.3406
(>=12.5)	95.59%	13.38%	31.80%	1.1035	0.3298
(>=12.6)	95.59%	13.59%	31.96%	1.1062	0.3247
(>=12.7)	95.59%	13.80%	32.13%	1.1089	0.3197
(>=12.8)	95.59%	14.86%	32.95%	1.1227	0.2968
(>=12.9)	95.59%	15.07%	33.11%	1.1256	0.2927
(>=13)	95.59%	15.29%	33.28%	1.1284	0.2886
(>=13.1)	94.85%	15.50%	33.28%	1.1225	0.3321
(>=13.2)	94.85%	15.71%	33.44%	1.1253	0.3276
(>=13.3)	94.12%	15.92%	33.44%	1.1194	0.3694
(>=13.4)	94.12%	16.14%	33.61%	1.1223	0.3646
(>=13.5)	94.12%	16.35%	33.77%	1.1251	0.3598
(>=13.6)	94.12%	16.56%	33.94%	1.128	0.3552
(>=13.7)	93.38%	16.99%	34.10%	1.1249	0.3896
(>=13.8)	93.38%	17.20%	34.27%	1.1278	0.3848
(>=13.9)	93.38%	17.41%	34.43%	1.1307	0.3801
(>=14.1)	93.38%	17.62%	34.60%	1.1336	0.3755
(>=14.2)	93.38%	18.05%	34.93%	1.1395	0.3667
(>=14.3)	93.38%	18.26%	35.09%	1.1424	0.3624
(>=14.4)	93.38%	18.47%	35.26%	1.1454	0.3583
(>=14.5)	93.38%	18.90%	35.58%	1.1514	0.3502
(>=14.6)	93.38%	19.11%	35.75%	1.1544	0.3463
(>=14.7)	92.65%	19.32%	35.75%	1.1483	0.3806
(>=14.8)	91.91%	19.75%	35.91%	1.1452	0.4096
(>=14.9)	91.91%	20.17%	36.24%	1.1513	0.401
(>=15)	91.91%	20.59%	36.57%	1.1575	0.3927
(>=15.1)	91.91%	21.02%	36.90%	1.1637	0.3848
(>=15.2)	91.91%	21.23%	37.07%	1.1669	0.381
(>=15.3)	91.91%	21.87%	37.56%	1.1764	0.3699
(>=15.4)	91.91%	22.51%	38.06%	1.186	0.3594
(>=15.5)	91.91%	22.72%	38.22%	1.1893	0.356
(>=15.6)	91.91%	23.35%	38.71%	1.1992	0.3463
(>=15.7)	91.18%	23.57%	38.71%	1.1929	0.3744
(>=15.8)	90.44%	24.20%	39.04%	1.1932	0.3949
(>=15.9)	90.44%	24.42%	39.21%	1.1966	0.3915
(>=16)	89.71%	25.69%	40.03%	1.2072	0.4007

(>=16.1)	89.71%	26.11%	40.36%	1.2141	0.3942
(>=16.2)	89.71%	26.54%	40.69%	1.2211	0.3879
(>=16.3)	88.24%	26.96%	40.69%	1.2081	0.4363
(>=16.4)	87.50%	27.18%	40.69%	1.2015	0.46
(>=16.5)	86.76%	27.81%	41.02%	1.2019	0.4759
(>=16.6)	86.03%	28.66%	41.52%	1.2059	0.4874
(>=16.7)	86.03%	29.09%	41.85%	1.2132	0.4803
(>=16.8)	85.29%	29.94%	42.34%	1.2174	0.4912
(>=16.9)	84.56%	30.36%	42.50%	1.2142	0.5086
(>=17)	83.82%	30.79%	42.67%	1.2111	0.5255
(>=17.1)	83.09%	31.21%	42.83%	1.2079	0.5419
(>=17.3)	83.09%	31.42%	43.00%	1.2116	0.5382
(>=17.4)	83.09%	32.27%	43.66%	1.2268	0.524
(>=17.5)	82.35%	32.48%	43.66%	1.2198	0.5433
(>=17.6)	82.35%	33.97%	44.81%	1.2472	0.5195
(>=17.8)	82.35%	34.18%	44.98%	1.2512	0.5163
(>=17.9)	82.35%	34.39%	45.14%	1.2553	0.5131
(>=18)	80.15%	35.24%	45.30%	1.2377	0.5633
(>=18.1)	79.41%	35.24%	45.14%	1.2263	0.5842
(>=18.2)	79.41%	35.67%	45.47%	1.2344	0.5772
(>=18.3)	78.68%	36.09%	45.63%	1.2311	0.5908
(>=18.4)	77.21%	36.73%	45.80%	1.2203	0.6206
(>=18.5)	77.21%	36.94%	45.96%	1.2244	0.617
(>=18.6)	77.21%	37.79%	46.62%	1.2411	0.6031
(>=18.7)	77.21%	38.43%	47.12%	1.2539	0.5932
(>=18.8)	77.21%	39.07%	47.61%	1.267	0.5835
(>=18.9)	75.74%	39.49%	47.61%	1.2516	0.6144
(>=19)	75.74%	40.13%	48.11%	1.2649	0.6047
(>=19.1)	75.00%	40.13%	47.94%	1.2527	0.623
(>=19.2)	75.00%	40.76%	48.43%	1.2661	0.6133
(>=19.3)	73.53%	41.19%	48.43%	1.2503	0.6427
(>=19.4)	72.06%	41.40%	48.27%	1.2297	0.6749
(>=19.5)	71.32%	42.04%	48.60%	1.2305	0.6822
(>=19.6)	71.32%	42.68%	49.09%	1.2442	0.672
(>=19.7)	70.59%	43.31%	49.42%	1.2452	0.6791
(>=19.8)	70.59%	43.95%	49.92%	1.2594	0.6692
(>=19.9)	70.59%	44.16%	50.08%	1.2641	0.666
(>=20)	70.59%	44.59%	50.41%	1.2738	0.6597
(>=20.1)	69.12%	45.22%	50.58%	1.2618	0.6829
(>=20.2)	69.12%	45.65%	50.91%	1.2717	0.6765
(>=20.3)	69.12%	46.07%	51.24%	1.2817	0.6703
(>=20.4)	69.12%	46.50%	51.57%	1.2918	0.6642
(>=20.5)	69.12%	47.13%	52.06%	1.3074	0.6552

(>=20.6)	68.38%	47.35%	52.06%	1.2987	0.6678
(>=20.7)	67.65%	48.20%	52.55%	1.3058	0.6713
(>=20.8)	67.65%	48.41%	52.72%	1.3112	0.6683
(>=21.1)	67.65%	49.47%	53.54%	1.3387	0.654
(>=21.2)	67.65%	49.89%	53.87%	1.3501	0.6484
(>=21.3)	66.91%	50.74%	54.37%	1.3584	0.6521
(>=21.4)	66.91%	51.17%	54.70%	1.3702	0.6467
(>=21.5)	66.91%	51.59%	55.02%	1.3823	0.6413
(>=21.7)	66.91%	52.44%	55.68%	1.4069	0.631
(>=21.8)	66.91%	52.65%	55.85%	1.4132	0.6284
(>=21.9)	66.18%	53.93%	56.67%	1.4364	0.6272
(>=22)	66.18%	54.56%	57.17%	1.4565	0.6199
(>=22.2)	66.18%	55.20%	57.66%	1.4772	0.6127
(>=22.3)	66.18%	55.84%	58.15%	1.4985	0.6057
(>=22.4)	66.18%	56.26%	58.48%	1.5131	0.6012
(>=22.6)	66.18%	56.69%	58.81%	1.5279	0.5967
(>=22.8)	66.18%	57.11%	59.14%	1.543	0.5922
(>=22.9)	66.18%	57.96%	59.80%	1.5742	0.5835
(>=23)	66.18%	58.60%	60.30%	1.5984	0.5772
(>=23.1)	65.44%	59.02%	60.46%	1.597	0.5855
(>=23.2)	63.97%	59.87%	60.79%	1.5942	0.6018
(>=23.3)	63.97%	60.30%	61.12%	1.6112	0.5975
(>=23.4)	63.97%	60.93%	61.61%	1.6375	0.5913
(>=23.6)	63.24%	61.57%	61.94%	1.6455	0.5971
(>=23.7)	62.50%	62.00%	62.11%	1.6446	0.6049
(>=23.8)	62.50%	62.42%	62.44%	1.6631	0.6008
(>=23.9)	62.50%	62.63%	62.60%	1.6726	0.5987
(>=24)	61.76%	63.48%	63.10%	1.6913	0.6023
(>=24.1)	61.76%	64.33%	63.76%	1.7316	0.5944
(>=24.2)	61.76%	65.18%	64.42%	1.7739	0.5866
(>=24.3)	61.76%	65.39%	64.58%	1.7847	0.5847
(>=24.4)	61.76%	66.03%	65.07%	1.8182	0.5791
(>=24.5)	61.76%	66.67%	65.57%	1.8529	0.5735
(>=24.6)	61.03%	67.52%	66.06%	1.8787	0.5772
(>=24.7)	60.29%	67.73%	66.06%	1.8683	0.5863
(>=24.8)	60.29%	68.37%	66.56%	1.9059	0.5808
(>=24.9)	59.56%	68.79%	66.72%	1.9083	0.5879
(>=25)	59.56%	69.43%	67.22%	1.9481	0.5825
(>=25.1)	59.56%	69.64%	67.38%	1.9617	0.5807
(>=25.2)	59.56%	69.85%	67.55%	1.9755	0.579
(>=25.3)	59.56%	70.70%	68.20%	2.0328	0.572
(>=25.5)	59.56%	70.91%	68.37%	2.0476	0.5703
(>=25.7)	59.56%	71.13%	68.53%	2.0627	0.5686

(>=25.8)	58.82%	71.34%	68.53%	2.0523	0.5772
(>=25.9)	58.82%	71.97%	69.03%	2.0989	0.5721
(>=26)	58.82%	72.61%	69.52%	2.1477	0.5671
(>=26.1)	58.82%	73.25%	70.02%	2.1989	0.5621
(>=26.2)	58.82%	73.67%	70.35%	2.2343	0.5589
(>=26.3)	58.82%	74.10%	70.68%	2.271	0.5557
(>=26.4)	58.82%	74.31%	70.84%	2.2897	0.5541
(>=26.5)	58.82%	74.73%	71.17%	2.3282	0.551
(>=26.6)	58.09%	74.73%	71.00%	2.2991	0.5608
(>=26.8)	57.35%	75.37%	71.33%	2.3287	0.5658
(>=26.9)	57.35%	76.01%	71.83%	2.3906	0.5611
(>=27)	57.35%	76.65%	72.32%	2.4557	0.5564
(>=27.2)	56.62%	76.65%	72.16%	2.4243	0.566
(>=27.3)	56.62%	77.28%	72.65%	2.4922	0.5613
(>=27.4)	55.15%	77.28%	72.32%	2.4275	0.5804
(>=27.5)	55.15%	77.71%	72.65%	2.4737	0.5772
(>=27.6)	54.41%	77.71%	72.49%	2.4408	0.5867
(>=27.9)	53.68%	78.34%	72.82%	2.4786	0.5913
(>=28)	52.94%	78.34%	72.65%	2.4446	0.6007
(>=28.2)	52.21%	78.56%	72.65%	2.4346	0.6084
(>=28.3)	51.47%	78.98%	72.82%	2.4488	0.6144
(>=28.4)	50.74%	79.41%	72.98%	2.4635	0.6204
(>=28.5)	47.79%	79.62%	72.49%	2.3449	0.6557
(>=28.6)	47.79%	79.83%	72.65%	2.3696	0.654
(>=28.8)	47.79%	80.47%	73.15%	2.4469	0.6488
(>=28.9)	44.12%	80.68%	72.49%	2.2835	0.6926
(>=29)	44.12%	81.10%	72.82%	2.3348	0.689
(>=29.1)	42.65%	81.32%	72.65%	2.2826	0.7053
(>=29.2)	41.91%	81.95%	72.98%	2.3224	0.7088
(>=29.3)	41.91%	82.17%	73.15%	2.3501	0.707
(>=29.4)	41.18%	82.80%	73.48%	2.3943	0.7104
(>=29.5)	40.44%	82.80%	73.31%	2.3516	0.7193
(>=29.6)	39.71%	82.80%	73.15%	2.3088	0.7282
(>=29.9)	39.71%	83.01%	73.31%	2.3377	0.7263
(>=30.1)	39.71%	83.44%	73.64%	2.3976	0.7226
(>=30.2)	39.71%	84.08%	74.14%	2.4935	0.7171
(>=30.4)	39.71%	84.50%	74.46%	2.5618	0.7135
(>=30.5)	38.97%	84.50%	74.30%	2.5144	0.7222
(>=30.6)	38.97%	84.93%	74.63%	2.5852	0.7186
(>=31)	38.24%	85.35%	74.79%	2.61	0.7237
(>=31.4)	38.24%	85.56%	74.96%	2.6484	0.7219
(>=31.5)	37.50%	85.77%	74.96%	2.6362	0.7287
(>=31.7)	36.76%	85.77%	74.79%	2.5845	0.7372

(>=31.9)	36.76%	86.20%	75.12%	2.664	0.7336
(>=32)	36.03%	86.20%	74.96%	2.6107	0.7421
(>=32.1)	36.03%	86.62%	75.29%	2.6936	0.7385
(>=32.2)	35.29%	86.62%	75.12%	2.6387	0.747
(>=32.3)	34.56%	86.84%	75.12%	2.6254	0.7536
(>=32.4)	33.82%	87.26%	75.29%	2.6551	0.7584
(>=32.6)	33.82%	87.69%	75.62%	2.7467	0.7547
(>=33)	33.82%	87.90%	75.78%	2.7949	0.7529
(>=33.1)	33.82%	88.11%	75.95%	2.8448	0.7511
(>=33.3)	33.82%	88.32%	76.11%	2.8965	0.7493
(>=33.4)	33.82%	88.75%	76.44%	3.0058	0.7457
(>=33.5)	33.09%	88.96%	76.44%	2.997	0.7522
(>=33.6)	33.09%	89.17%	76.61%	3.0558	0.7504
(>=33.7)	31.62%	89.81%	76.77%	3.1025	0.7614
(>=33.8)	30.88%	90.02%	76.77%	3.0948	0.7678
(>=34.1)	30.88%	90.23%	76.94%	3.1621	0.766
(>=34.3)	30.15%	90.45%	76.94%	3.1554	0.7723
(>=34.4)	28.68%	90.66%	76.77%	3.0697	0.7867
(>=34.5)	27.94%	90.66%	76.61%	2.991	0.7948
(>=34.6)	27.21%	91.08%	76.77%	3.0509	0.7992
(>=34.8)	27.21%	91.30%	76.94%	3.1254	0.7973
(>=35)	27.21%	91.51%	77.10%	3.2035	0.7955
(>=35.1)	24.26%	91.51%	76.44%	2.8572	0.8276
(>=35.2)	23.53%	91.72%	76.44%	2.8416	0.8337
(>=35.3)	23.53%	92.14%	76.77%	2.9952	0.8299
(>=35.4)	22.79%	92.14%	76.61%	2.9016	0.8379
(>=35.5)	22.79%	92.36%	76.77%	2.9822	0.836
(>=35.6)	22.79%	92.78%	77.10%	3.1577	0.8321
(>=35.9)	22.79%	92.99%	77.27%	3.2533	0.8302
(>=36)	22.06%	92.99%	77.10%	3.1484	0.8381
(>=36.1)	22.06%	93.21%	77.27%	3.2468	0.8362
(>=36.4)	22.06%	93.42%	77.43%	3.3515	0.8343
(>=37)	21.32%	93.63%	77.43%	3.3478	0.8403
(>=37.1)	20.59%	93.63%	77.27%	3.2324	0.8481
(>=37.2)	19.85%	93.63%	77.10%	3.1169	0.856
(>=37.4)	19.85%	93.84%	77.27%	3.2244	0.8541
(>=37.5)	18.38%	93.84%	76.94%	2.9855	0.8697
(>=37.6)	17.65%	93.84%	76.77%	2.8661	0.8776
(>=37.7)	16.91%	93.84%	76.61%	2.7467	0.8854
(>=37.9)	16.91%	94.27%	76.94%	2.9502	0.8814
(>=38)	16.91%	94.69%	77.27%	3.1862	0.8775
(>=38.1)	16.91%	94.90%	77.43%	3.3189	0.8755
(>=38.5)	16.91%	95.12%	77.59%	3.4632	0.8735

(>=38.7)	16.91%	95.33%	77.76%	3.6207	0.8716
(>=38.8)	16.18%	95.33%	77.59%	3.4632	0.8793
(>=38.9)	15.44%	95.33%	77.43%	3.3058	0.887
(>=39.3)	15.44%	95.54%	77.59%	3.4632	0.885
(>=39.5)	15.44%	95.75%	77.76%	3.6364	0.8831
(>=39.6)	13.97%	95.75%	77.43%	3.2901	0.8984
(>=39.9)	13.24%	95.75%	77.27%	3.1169	0.9061
(>=40)	13.24%	95.97%	77.43%	3.281	0.9041
(>=40.5)	12.50%	95.97%	77.27%	3.0987	0.9118
(>=40.7)	11.76%	95.97%	77.10%	2.9164	0.9194
(>=41.2)	11.76%	96.18%	77.27%	3.0784	0.9174
(>=41.3)	11.76%	96.39%	77.43%	3.2595	0.9154
(>=41.4)	11.76%	96.60%	77.59%	3.4632	0.9134
(>=41.5)	11.03%	96.82%	77.59%	3.4632	0.919
(>=41.7)	10.29%	96.82%	77.43%	3.2324	0.9266
(>=42)	8.82%	96.82%	77.10%	2.7706	0.9418
(>=42.2)	7.35%	96.82%	76.77%	2.3088	0.9569
(>=42.6)	7.35%	97.03%	76.94%	2.4737	0.9549
(>=42.8)	7.35%	97.24%	77.10%	2.664	0.9528
(>=43)	7.35%	97.45%	77.27%	2.886	0.9507
(>=43.1)	6.62%	97.45%	77.10%	2.5974	0.9582
(>=43.2)	6.62%	97.66%	77.27%	2.8336	0.9562
(>=43.6)	6.62%	97.88%	77.43%	3.1169	0.9541
(>=43.7)	6.62%	98.09%	77.59%	3.4632	0.952
(>=43.8)	5.88%	98.09%	77.43%	3.0784	0.9595
(>=44.1)	5.15%	98.09%	77.27%	2.6936	0.967
(>=44.3)	5.15%	98.30%	77.43%	3.0303	0.9649
(>=44.8)	4.41%	98.51%	77.43%	2.9685	0.9703
(>=44.9)	3.68%	98.51%	77.27%	2.4737	0.9778
(>=45)	2.94%	98.51%	77.10%	1.979	0.9852
(>=45.9)	2.21%	98.51%	76.94%	1.4842	0.9927
(>=46)	2.21%	98.73%	77.10%	1.7316	0.9906
(>=47.2)	2.21%	98.94%	77.27%	2.0779	0.9884
(>=47.9)	1.47%	99.15%	77.27%	1.7316	0.9937
(>=48.5)	1.47%	99.36%	77.43%	2.3088	0.9916
(>=51)	0.74%	99.36%	77.27%	1.1544	0.999
(>=55)	0.74%	99.58%	77.43%	1.7316	0.9969
(>=56)	0.74%	99.79%	77.59%	3.4633	0.9948
(>=58.3)	0.74%	100.00%	77.76%		0.9926
(>58.3)	0.00%	100.00%	77.59%		1

Supplementary Table 9: ROC analysis for anemia in children

Cutpoint	Sensitivity	Specificity	Correctly Classified	LR+	LR-
(>=7.8)	100.00%	0.00%	22.30%	1	
(>=10.5)	100.00%	0.21%	22.46%	1.0021	0
(>=12.2)	99.26%	0.21%	22.30%	0.9947	3.4853
(>=12.5)	98.53%	0.21%	22.13%	0.9874	6.9706
(>=14.2)	98.53%	0.42%	22.30%	0.9895	3.4853
(>=15.2)	97.79%	0.42%	22.13%	0.9821	5.2279
(>=15.9)	97.79%	0.63%	22.30%	0.9842	3.4853
(>=17.5)	97.79%	0.84%	22.46%	0.9863	2.614
(>=18.1)	97.79%	1.05%	22.62%	0.9884	2.0912
(>=18.4)	97.79%	1.27%	22.79%	0.9905	1.7426
(>=18.9)	97.79%	1.48%	22.95%	0.9926	1.4937
(>=19)	97.79%	1.69%	23.11%	0.9947	1.307
(>=19.4)	97.79%	1.90%	23.28%	0.9969	1.1618
(>=20.5)	97.06%	1.90%	23.11%	0.9894	1.549
(>=20.8)	97.06%	2.11%	23.28%	0.9915	1.3941
(>=21.1)	97.06%	2.32%	23.44%	0.9936	1.2674
(>=21.4)	96.32%	2.32%	23.28%	0.9861	1.5842
(>=22.7)	96.32%	2.53%	23.44%	0.9883	1.4522
(>=22.8)	96.32%	2.74%	23.61%	0.9904	1.3405
(>=22.9)	96.32%	2.95%	23.77%	0.9926	1.2447
(>=23.4)	96.32%	3.16%	23.93%	0.9947	1.1618
(>=24.6)	96.32%	3.59%	24.26%	0.9991	1.0251
(>=24.9)	95.59%	3.80%	24.26%	0.9936	1.1618
(>=25.6)	95.59%	4.22%	24.59%	0.998	1.0456
(>=26.1)	95.59%	4.43%	24.75%	1.0002	0.9958
(>=26.5)	95.59%	4.64%	24.92%	1.0024	0.9505
(>=26.9)	94.85%	4.64%	24.75%	0.9947	1.109
(>=27)	94.12%	4.64%	24.59%	0.987	1.2674
(>=28.3)	94.12%	4.85%	24.75%	0.9892	1.2123
(>=28.4)	94.12%	5.06%	24.92%	0.9914	1.1618
(>=28.6)	94.12%	5.27%	25.08%	0.9936	1.1153
(>=28.7)	94.12%	5.49%	25.25%	0.9958	1.0724
(>=28.8)	94.12%	5.70%	25.41%	0.998	1.0327
(>=29)	94.12%	5.91%	25.57%	1.0003	0.9958
(>=29.2)	93.38%	6.12%	25.57%	0.9947	1.0816
(>=29.3)	93.38%	6.33%	25.74%	0.9969	1.0456
(>=29.7)	93.38%	6.54%	25.90%	0.9992	1.0119
(>=30)	92.65%	6.54%	25.74%	0.9913	1.1243
(>=30.2)	91.91%	6.75%	25.74%	0.9857	1.1981

(>=30.9)	91.91%	6.96%	25.90%	0.9879	1.1618
(>=31.1)	91.91%	7.17%	26.07%	0.9901	1.1276
(>=31.6)	91.18%	7.38%	26.07%	0.9845	1.195
(>=31.8)	90.44%	7.38%	25.90%	0.9765	1.2945
(>=32.6)	90.44%	7.59%	26.07%	0.9787	1.2586
(>=32.7)	90.44%	7.81%	26.23%	0.981	1.2246
(>=33.3)	89.71%	7.81%	26.07%	0.973	1.3188
(>=33.5)	88.97%	8.02%	26.07%	0.9672	1.3758
(>=33.7)	88.97%	8.23%	26.23%	0.9695	1.3405
(>=33.8)	88.24%	8.44%	26.23%	0.9637	1.3941
(>=34.5)	87.50%	8.65%	26.23%	0.9579	1.4451
(>=35.4)	86.76%	9.07%	26.39%	0.9542	1.459
(>=35.6)	86.76%	9.28%	26.56%	0.9564	1.4258
(>=35.8)	86.03%	9.49%	26.56%	0.9505	1.4716
(>=36)	85.29%	9.49%	26.39%	0.9424	1.549
(>=36.4)	85.29%	9.70%	26.56%	0.9446	1.5153
(>=36.6)	85.29%	9.92%	26.72%	0.9468	1.4831
(>=36.7)	85.29%	10.13%	26.89%	0.949	1.4522
(>=37.3)	85.29%	10.34%	27.05%	0.9513	1.4226
(>=37.4)	84.56%	10.34%	26.89%	0.9431	1.4937
(>=37.5)	83.09%	10.34%	26.56%	0.9267	1.636
(>=37.6)	83.09%	10.55%	26.72%	0.9289	1.6032
(>=37.7)	82.35%	10.55%	26.56%	0.9206	1.6729
(>=37.8)	82.35%	10.76%	26.72%	0.9228	1.6401
(>=38)	82.35%	10.97%	26.89%	0.925	1.6086
(>=38.2)	82.35%	11.39%	27.21%	0.9294	1.549
(>=38.3)	82.35%	11.81%	27.54%	0.9339	1.4937
(>=38.6)	82.35%	12.03%	27.70%	0.9361	1.4675
(>=38.7)	81.62%	12.03%	27.54%	0.9277	1.5286
(>=38.8)	81.62%	12.24%	27.70%	0.93	1.5023
(>=38.9)	80.88%	12.24%	27.54%	0.9216	1.5624
(>=39)	80.88%	12.45%	27.70%	0.9238	1.5359
(>=39.1)	80.88%	12.66%	27.87%	0.926	1.5103
(>=39.2)	80.15%	12.66%	27.70%	0.9176	1.5684
(>=39.4)	79.41%	12.66%	27.54%	0.9092	1.6265
(>=39.7)	78.68%	12.87%	27.54%	0.903	1.6569
(>=39.9)	77.94%	13.08%	27.54%	0.8967	1.6864
(>=40)	77.94%	13.29%	27.70%	0.8989	1.6597
(>=40.2)	77.94%	13.50%	27.87%	0.9011	1.6337
(>=40.4)	77.94%	13.92%	28.20%	0.9055	1.5842
(>=40.9)	77.21%	13.92%	28.03%	0.897	1.637
(>=41)	77.21%	14.14%	28.20%	0.8992	1.6126
(>=41.1)	76.47%	14.14%	28.03%	0.8906	1.6646

(>=41.2)	76.47%	14.56%	28.36%	0.895	1.6164
(>=41.3)	76.47%	14.77%	28.52%	0.8972	1.5933
(>=41.5)	76.47%	14.98%	28.69%	0.8994	1.5708
(>=41.6)	76.47%	15.19%	28.85%	0.9017	1.549
(>=41.7)	76.47%	15.40%	29.02%	0.9039	1.5278
(>=42.2)	76.47%	15.61%	29.18%	0.9062	1.5072
(>=42.3)	76.47%	15.82%	29.34%	0.9084	1.4871
(>=42.5)	76.47%	16.46%	29.84%	0.9153	1.4299
(>=42.6)	76.47%	16.88%	30.16%	0.92	1.3941
(>=42.7)	76.47%	17.51%	30.66%	0.927	1.3437
(>=43)	75.74%	17.51%	30.49%	0.9181	1.3857
(>=43.1)	75.74%	17.72%	30.66%	0.9205	1.3692
(>=43.3)	75.74%	17.93%	30.82%	0.9228	1.3531
(>=43.4)	75.74%	18.14%	30.98%	0.9252	1.3374
(>=43.6)	75.00%	18.14%	30.82%	0.9162	1.3779
(>=43.7)	75.00%	18.35%	30.98%	0.9186	1.3621
(>=43.9)	75.00%	18.57%	31.15%	0.921	1.3466
(>=44)	75.00%	18.78%	31.31%	0.9234	1.3315
(>=44.1)	75.00%	18.99%	31.48%	0.9258	1.3167
(>=44.2)	74.26%	19.20%	31.48%	0.9191	1.3405
(>=44.4)	74.26%	19.41%	31.64%	0.9215	1.3259
(>=44.5)	72.79%	19.41%	31.31%	0.9033	1.4017
(>=44.6)	72.79%	19.62%	31.48%	0.9056	1.3866
(>=44.7)	72.79%	20.25%	31.97%	0.9128	1.3433
(>=44.9)	72.79%	20.46%	32.13%	0.9152	1.3294
(>=45)	72.79%	20.68%	32.30%	0.9177	1.3159
(>=45.2)	72.79%	20.89%	32.46%	0.9201	1.3026
(>=45.3)	72.79%	21.52%	32.95%	0.9275	1.2643
(>=45.4)	72.79%	21.73%	33.11%	0.93	1.252
(>=45.6)	72.79%	21.94%	33.28%	0.9326	1.24
(>=45.8)	72.79%	22.15%	33.44%	0.9351	1.2282
(>=45.9)	72.79%	22.36%	33.61%	0.9376	1.2166
(>=46.1)	72.79%	22.57%	33.77%	0.9402	1.2052
(>=46.2)	72.79%	22.78%	33.93%	0.9427	1.194
(>=46.4)	72.79%	23.21%	34.26%	0.9479	1.1723
(>=46.5)	72.79%	23.42%	34.43%	0.9505	1.1618
(>=46.6)	72.79%	23.63%	34.59%	0.9532	1.1514
(>=46.7)	72.79%	24.05%	34.92%	0.9585	1.1312
(>=47.1)	72.79%	24.26%	35.08%	0.9611	1.1214
(>=47.2)	72.79%	24.68%	35.41%	0.9665	1.1022
(>=47.3)	72.79%	24.89%	35.57%	0.9692	1.0928
(>=47.4)	72.79%	25.74%	36.23%	0.9802	1.057
(>=47.7)	72.06%	25.74%	36.07%	0.9703	1.0856

(>=48.1)	71.32%	25.95%	36.07%	0.9632	1.1051
(>=48.2)	70.59%	26.16%	36.07%	0.956	1.1243
(>=48.4)	69.85%	26.37%	36.07%	0.9487	1.1432
(>=48.5)	69.85%	26.58%	36.23%	0.9514	1.1341
(>=48.6)	69.85%	27.00%	36.56%	0.9569	1.1164
(>=48.8)	69.85%	27.22%	36.72%	0.9597	1.1077
(>=48.9)	69.85%	27.64%	37.05%	0.9653	1.0908
(>=49)	69.85%	27.85%	37.21%	0.9681	1.0826
(>=49.2)	69.85%	28.06%	37.38%	0.971	1.0744
(>=49.3)	69.85%	28.27%	37.54%	0.9738	1.0664
(>=49.5)	69.85%	28.48%	37.70%	0.9767	1.0585
(>=49.6)	69.85%	29.32%	38.36%	0.9884	1.028
(>=49.7)	69.85%	29.75%	38.69%	0.9943	1.0135
(>=49.8)	69.85%	29.96%	38.85%	0.9973	1.0063
(>=49.9)	69.12%	30.38%	39.02%	0.9928	1.0165
(>=50)	69.12%	30.59%	39.18%	0.9958	1.0095
(>=50.1)	69.12%	31.01%	39.51%	1.0019	0.9958
(>=50.2)	68.38%	31.43%	39.67%	0.9973	1.0058
(>=50.3)	68.38%	31.65%	39.84%	1.0004	0.9991
(>=50.4)	68.38%	31.86%	40.00%	1.0035	0.9925
(>=50.5)	67.65%	32.70%	40.49%	1.0052	0.9894
(>=50.6)	66.91%	32.91%	40.49%	0.9974	1.0054
(>=50.7)	66.91%	33.54%	40.98%	1.0069	0.9864
(>=50.8)	66.91%	33.76%	41.15%	1.0101	0.9802
(>=51)	66.91%	33.97%	41.31%	1.0133	0.9742
(>=51.2)	66.91%	34.18%	41.48%	1.0165	0.9681
(>=51.3)	66.91%	34.39%	41.64%	1.0198	0.9622
(>=51.4)	66.18%	34.39%	41.48%	1.0086	0.9836
(>=51.5)	66.18%	34.81%	41.80%	1.0151	0.9717
(>=51.6)	66.18%	35.65%	42.46%	1.0284	0.9487
(>=51.7)	66.18%	36.29%	42.95%	1.0387	0.9321
(>=51.8)	66.18%	36.71%	43.28%	1.0456	0.9214
(>=51.9)	65.44%	36.71%	43.11%	1.034	0.9414
(>=52)	65.44%	36.92%	43.28%	1.0374	0.9361
(>=52.1)	65.44%	37.34%	43.61%	1.0444	0.9255
(>=52.4)	65.44%	37.97%	44.10%	1.0551	0.91
(>=52.6)	65.44%	38.19%	44.26%	1.0587	0.905
(>=52.7)	64.71%	38.82%	44.59%	1.0576	0.9092
(>=52.8)	63.24%	38.82%	44.26%	1.0336	0.9471
(>=52.9)	63.24%	39.03%	44.43%	1.0371	0.942
(>=53)	63.24%	39.24%	44.59%	1.0407	0.9369
(>=53.1)	63.24%	39.87%	45.08%	1.0517	0.922
(>=53.2)	63.24%	40.08%	45.25%	1.0554	0.9172

(>=53.3)	63.24%	40.72%	45.74%	1.0667	0.9029
(>=53.4)	63.24%	41.35%	46.23%	1.0782	0.8891
(>=53.5)	63.24%	42.19%	46.89%	1.0939	0.8713
(>=53.6)	63.24%	42.41%	47.05%	1.0979	0.867
(>=53.7)	63.24%	43.25%	47.70%	1.1143	0.8501
(>=53.8)	63.24%	43.46%	47.87%	1.1184	0.8459
(>=53.9)	63.24%	43.88%	48.20%	1.1268	0.8378
(>=54)	63.24%	44.09%	48.36%	1.1311	0.8338
(>=54.1)	63.24%	44.30%	48.52%	1.1354	0.8298
(>=54.3)	63.24%	44.51%	48.69%	1.1397	0.8259
(>=54.4)	62.50%	44.73%	48.69%	1.1307	0.8384
(>=54.5)	61.76%	44.94%	48.69%	1.1217	0.8509
(>=54.6)	61.76%	45.36%	49.02%	1.1304	0.843
(>=54.7)	61.76%	45.57%	49.18%	1.1347	0.8391
(>=55.1)	61.76%	45.78%	49.34%	1.1392	0.8352
(>=55.2)	61.76%	45.99%	49.51%	1.1436	0.8314
(>=55.3)	61.76%	46.62%	50.00%	1.1572	0.8201
(>=55.5)	61.76%	46.84%	50.16%	1.1618	0.8164
(>=55.8)	61.76%	47.05%	50.33%	1.1664	0.8127
(>=56.2)	61.76%	47.26%	50.49%	1.1711	0.8091
(>=56.3)	61.03%	47.26%	50.33%	1.1571	0.8246
(>=56.4)	61.03%	47.89%	50.82%	1.1712	0.8137
(>=56.5)	61.03%	48.52%	51.31%	1.1856	0.8031
(>=56.6)	61.03%	48.73%	51.48%	1.1905	0.7997
(>=56.8)	61.03%	48.95%	51.64%	1.1954	0.7962
(>=57)	61.03%	49.37%	51.97%	1.2053	0.7894
(>=57.1)	60.29%	49.58%	51.97%	1.1958	0.8009
(>=57.2)	59.56%	49.79%	51.97%	1.1862	0.8123
(>=57.3)	59.56%	50.00%	52.13%	1.1912	0.8088
(>=57.4)	59.56%	50.21%	52.30%	1.1962	0.8054
(>=57.6)	59.56%	50.42%	52.46%	1.2013	0.8021
(>=57.9)	59.56%	50.63%	52.62%	1.2064	0.7987
(>=58)	58.82%	51.27%	52.95%	1.207	0.8032
(>=58.1)	58.82%	51.90%	53.44%	1.2229	0.7934
(>=58.2)	58.09%	52.11%	53.44%	1.2129	0.8043
(>=58.3)	58.09%	52.32%	53.61%	1.2183	0.8011
(>=58.5)	57.35%	52.53%	53.61%	1.2082	0.8118
(>=58.6)	57.35%	52.95%	53.93%	1.2191	0.8054
(>=58.7)	57.35%	53.38%	54.26%	1.2301	0.799
(>=58.8)	57.35%	53.59%	54.43%	1.2357	0.7959
(>=58.9)	57.35%	54.22%	54.92%	1.2528	0.7866
(>=59)	56.62%	54.22%	54.75%	1.2367	0.8001
(>=59.1)	56.62%	54.85%	55.25%	1.2541	0.7909

(>=59.3)	55.88%	54.85%	55.08%	1.2378	0.8043
(>=59.4)	55.15%	54.85%	54.92%	1.2215	0.8177
(>=59.5)	54.41%	55.06%	54.92%	1.2109	0.8279
(>=59.7)	53.68%	55.06%	54.75%	1.1945	0.8413
(>=59.8)	53.68%	55.49%	55.08%	1.2058	0.8349
(>=59.9)	53.68%	55.70%	55.25%	1.2116	0.8317
(>=60)	53.68%	56.12%	55.57%	1.2232	0.8255
(>=60.1)	53.68%	56.33%	55.74%	1.2291	0.8224
(>=60.2)	53.68%	56.96%	56.23%	1.2472	0.8132
(>=60.3)	52.94%	57.59%	56.56%	1.2485	0.8171
(>=60.4)	52.94%	57.81%	56.72%	1.2547	0.8141
(>=60.6)	52.94%	58.02%	56.89%	1.261	0.8111
(>=60.7)	52.21%	58.23%	56.89%	1.2498	0.8208
(>=60.8)	51.47%	58.23%	56.72%	1.2322	0.8334
(>=61.3)	51.47%	58.65%	57.05%	1.2447	0.8274
(>=61.4)	51.47%	59.49%	57.70%	1.2707	0.8157
(>=61.5)	51.47%	59.92%	58.03%	1.2841	0.81
(>=61.6)	50.74%	59.92%	57.87%	1.2657	0.8222
(>=61.8)	50.00%	60.34%	58.03%	1.2606	0.8287
(>=61.9)	49.26%	60.76%	58.20%	1.2555	0.835
(>=62)	48.53%	61.18%	58.36%	1.2502	0.8413
(>=62.3)	48.53%	61.39%	58.52%	1.257	0.8384
(>=62.5)	48.53%	61.81%	58.85%	1.2709	0.8327
(>=62.6)	48.53%	62.24%	59.18%	1.2851	0.827
(>=62.7)	48.53%	62.66%	59.51%	1.2996	0.8214
(>=62.9)	47.79%	63.08%	59.67%	1.2945	0.8276
(>=63)	47.79%	63.71%	60.16%	1.3171	0.8194
(>=63.1)	47.06%	64.14%	60.33%	1.3121	0.8255
(>=63.3)	46.32%	64.35%	60.33%	1.2993	0.8342
(>=63.4)	46.32%	64.56%	60.49%	1.307	0.8315
(>=63.5)	46.32%	64.98%	60.82%	1.3227	0.8261
(>=63.6)	46.32%	65.40%	61.15%	1.3389	0.8207
(>=63.7)	46.32%	65.61%	61.31%	1.3471	0.8181
(>=63.9)	46.32%	65.82%	61.48%	1.3554	0.8155
(>=64)	45.59%	66.24%	61.64%	1.3506	0.8214
(>=64.3)	45.59%	66.46%	61.80%	1.359	0.8188
(>=64.4)	44.12%	66.46%	61.48%	1.3152	0.8409
(>=64.5)	44.12%	67.09%	61.97%	1.3405	0.833
(>=64.6)	43.38%	67.09%	61.80%	1.3182	0.8439
(>=64.8)	43.38%	67.51%	62.13%	1.3353	0.8386
(>=64.9)	41.91%	67.51%	61.80%	1.29	0.8604
(>=65.1)	41.18%	67.72%	61.80%	1.2757	0.8686
(>=65.2)	41.18%	68.14%	62.13%	1.2926	0.8632

(>=65.3)	41.18%	68.57%	62.46%	1.3099	0.8579
(>=65.4)	41.18%	68.78%	62.62%	1.3188	0.8553
(>=65.5)	40.44%	69.20%	62.79%	1.313	0.8607
(>=65.7)	40.44%	69.62%	63.11%	1.3312	0.8555
(>=65.8)	39.71%	70.25%	63.44%	1.3348	0.8582
(>=65.9)	39.71%	70.89%	63.93%	1.3638	0.8506
(>=66)	39.71%	71.31%	64.26%	1.3839	0.8455
(>=66.1)	39.71%	71.52%	64.43%	1.3941	0.8431
(>=66.2)	39.71%	71.73%	64.59%	1.4045	0.8406
(>=66.3)	39.71%	72.15%	64.92%	1.4258	0.8357
(>=66.4)	39.71%	72.78%	65.41%	1.459	0.8284
(>=66.5)	39.71%	73.42%	65.90%	1.4937	0.8212
(>=66.7)	37.50%	73.63%	65.57%	1.422	0.8489
(>=66.8)	37.50%	74.05%	65.90%	1.4451	0.844
(>=66.9)	36.76%	74.47%	66.07%	1.4402	0.8491
(>=67)	36.76%	74.68%	66.23%	1.4522	0.8467
(>=67.1)	36.76%	75.11%	66.56%	1.4768	0.842
(>=67.2)	36.03%	75.32%	66.56%	1.4597	0.8494
(>=67.3)	35.29%	75.53%	66.56%	1.4422	0.8567
(>=67.4)	33.09%	75.53%	66.07%	1.3521	0.8859
(>=67.5)	32.35%	76.16%	66.39%	1.3571	0.8882
(>=67.6)	32.35%	76.37%	66.56%	1.3692	0.8858
(>=67.7)	31.62%	76.37%	66.39%	1.3381	0.8954
(>=67.8)	30.88%	76.37%	66.23%	1.307	0.905
(>=68)	30.15%	76.37%	66.07%	1.2759	0.9146
(>=68.1)	30.15%	77.00%	66.56%	1.311	0.9071
(>=68.2)	30.15%	77.43%	66.89%	1.3355	0.9022
(>=68.3)	29.41%	77.43%	66.72%	1.3029	0.9117
(>=68.4)	28.68%	77.85%	66.89%	1.2945	0.9162
(>=68.6)	28.68%	78.06%	67.05%	1.307	0.9137
(>=68.7)	27.94%	78.27%	67.05%	1.2858	0.9206
(>=68.8)	27.94%	78.48%	67.21%	1.2984	0.9182
(>=68.9)	27.94%	78.69%	67.38%	1.3113	0.9157
(>=69)	27.94%	78.90%	67.54%	1.3244	0.9133
(>=69.1)	27.94%	79.11%	67.70%	1.3378	0.9108
(>=69.2)	27.94%	79.96%	68.36%	1.3941	0.9012
(>=69.3)	27.21%	80.17%	68.36%	1.3719	0.908
(>=69.6)	26.47%	80.17%	68.20%	1.3348	0.9172
(>=69.7)	26.47%	80.38%	68.36%	1.3491	0.9148
(>=69.8)	25.74%	80.38%	68.20%	1.3117	0.9239
(>=69.9)	25.74%	80.80%	68.52%	1.3405	0.9191
(>=70)	25.74%	81.43%	69.02%	1.3862	0.912
(>=70.1)	25.00%	81.65%	69.02%	1.3621	0.9186

(>=70.3)	25.00%	81.86%	69.18%	1.3779	0.9162
(>=70.4)	25.00%	82.07%	69.34%	1.3941	0.9139
(>=70.5)	24.26%	82.28%	69.34%	1.3692	0.9205
(>=70.6)	23.53%	82.49%	69.34%	1.3437	0.927
(>=70.7)	23.53%	83.12%	69.84%	1.3941	0.92
(>=70.8)	23.53%	83.33%	70.00%	1.4118	0.9176
(>=70.9)	23.53%	83.54%	70.16%	1.4299	0.9153
(>=71)	23.53%	83.76%	70.33%	1.4484	0.913
(>=71.1)	23.53%	83.97%	70.49%	1.4675	0.9107
(>=71.2)	23.53%	84.39%	70.82%	1.5072	0.9062
(>=71.3)	23.53%	84.60%	70.98%	1.5278	0.9039
(>=71.4)	22.06%	84.60%	70.66%	1.4323	0.9213
(>=71.5)	21.32%	84.60%	70.49%	1.3846	0.93
(>=71.6)	21.32%	84.81%	70.66%	1.4038	0.9277
(>=71.7)	21.32%	85.02%	70.82%	1.4236	0.9254
(>=71.8)	21.32%	85.23%	70.98%	1.4439	0.9231
(>=71.9)	20.59%	85.44%	70.98%	1.4143	0.9294
(>=72)	19.85%	85.65%	70.98%	1.3839	0.9357
(>=72.1)	19.85%	85.86%	71.15%	1.4045	0.9334
(>=72.2)	19.85%	86.08%	71.31%	1.4258	0.9311
(>=72.3)	19.12%	86.29%	71.31%	1.3941	0.9374
(>=72.4)	19.12%	86.50%	71.48%	1.4159	0.9351
(>=72.5)	17.65%	87.55%	71.97%	1.4177	0.9406
(>=72.6)	17.65%	87.97%	72.30%	1.4675	0.9361
(>=73.2)	17.65%	88.19%	72.46%	1.4937	0.9339
(>=73.5)	16.91%	88.19%	72.30%	1.4315	0.9422
(>=73.6)	16.18%	88.40%	72.30%	1.3941	0.9483
(>=73.7)	16.18%	88.61%	72.46%	1.4199	0.946
(>=73.8)	16.18%	89.24%	72.95%	1.5035	0.9393
(>=74)	15.44%	89.45%	72.95%	1.4638	0.9453
(>=74.1)	14.71%	89.66%	72.95%	1.4226	0.9513
(>=74.3)	13.97%	89.66%	72.79%	1.3514	0.9595
(>=74.4)	13.24%	90.30%	73.11%	1.3638	0.9609
(>=74.5)	12.50%	90.30%	72.95%	1.288	0.969
(>=74.8)	11.76%	90.51%	72.95%	1.2392	0.9749
(>=74.9)	11.76%	90.93%	73.28%	1.2969	0.9704
(>=75)	10.29%	90.93%	72.95%	1.1347	0.9866
(>=75.1)	9.56%	91.14%	72.95%	1.0788	0.9923
(>=75.2)	9.56%	91.35%	73.11%	1.1051	0.99
(>=75.3)	9.56%	91.56%	73.28%	1.1327	0.9878
(>=75.4)	8.09%	91.77%	73.11%	0.983	1.0015
(>=75.5)	7.35%	91.77%	72.95%	0.8937	1.0095
(>=75.7)	6.62%	91.98%	72.95%	0.8255	1.0152

(>=75.8)	6.62%	92.41%	73.28%	0.8713	1.0106
(>=75.9)	6.62%	92.83%	73.61%	0.9226	1.006
(>=76)	5.88%	93.04%	73.61%	0.8449	1.0116
(>=76.2)	5.88%	93.46%	73.93%	0.8994	1.007
(>=76.3)	5.88%	93.88%	74.26%	0.9615	1.0025
(>=76.6)	5.88%	94.30%	74.59%	1.0327	0.998
(>=76.8)	5.88%	94.73%	74.92%	1.1153	0.9936
(>=76.9)	5.88%	94.94%	75.08%	1.1618	0.9914
(>=77)	5.15%	95.15%	75.08%	1.0607	0.9969
(>=77.1)	5.15%	95.57%	75.41%	1.1618	0.9925
(>=77.2)	5.15%	95.78%	75.57%	1.2199	0.9903
(>=77.3)	5.15%	95.99%	75.74%	1.2841	0.9881
(>=77.5)	5.15%	96.20%	75.90%	1.3554	0.986
(>=77.6)	4.41%	96.62%	76.07%	1.307	0.9893
(>=77.8)	4.41%	96.84%	76.23%	1.3941	0.9871
(>=78.7)	4.41%	97.47%	76.72%	1.7426	0.9807
(>=78.8)	3.68%	97.68%	76.72%	1.5842	0.9861
(>=79.1)	3.68%	97.89%	76.89%	1.7426	0.984
(>=80)	3.68%	98.10%	77.05%	1.9363	0.9819
(>=80.1)	2.94%	98.31%	77.05%	1.7426	0.9873
(>=80.2)	2.94%	98.52%	77.21%	1.9916	0.9851
(>=80.7)	2.94%	98.73%	77.38%	2.3235	0.983
(>=81.4)	2.21%	98.73%	77.21%	1.7426	0.9905
(>=81.9)	2.21%	98.95%	77.38%	2.0912	0.9884
(>=82)	1.47%	98.95%	77.21%	1.3941	0.9958
(>=83.1)	1.47%	99.16%	77.38%	1.7427	0.9937
(>=83.7)	1.47%	99.37%	77.54%	2.3235	0.9916
(>=83.8)	0.74%	99.37%	77.38%	1.1618	0.999
(>=84.6)	0.00%	99.37%	77.21%	0	1.0064
(>=84.8)	0.00%	99.79%	77.54%	0	1.0021
(>84.8)	0.00%	100.00%	77.70%		1