

Cutoff Risk	No of patients (%)	TP	TN	FP	FN	Sensitivity (%)	Specificity (%)	PPV (%)	NPV (%)	Pulmonary Complications (%)
<=5	23029 (35.61)	1232	22556	40412	92	93.05	35.82	2.96	99.59	0.40
<=7	39111 (60.48)	1066	38472	24496	258	80.51	61.10	4.17	99.33	0.66
<=9	51773 (80.05)	804	50872	12096	520	60.73	80.79	6.23	98.99	1.00
<=11	58858 (91.01)	535	57688	5280	789	40.41	91.61	9.20	98.65	1.34
<=13	62412 (96.5)	286	60993	1975	1038	21.60	96.86	12.65	98.33	1.66
<=15	64186 (99.25)	75	62556	412	1249	5.66	99.35	15.40	98.04	1.95
<=17	64640 (99.95)	12	62947	21	1312	0.91	99.97	36.36	97.96	2.03
<=18	64665 (99.99)	5	62965	3	1319	0.38	100.00	62.50	97.95	2.04
<=19	64672 (100)	1	62968	0	1323	0.08	100.00	100.00	97.94	2.05
>=5	49489 (76.52)	1281	14760	48208	43	96.75	23.44	2.59	99.71	2.59
>=7	33374 (51.6)	1162	30756	32212	162	87.76	48.84	3.48	99.48	3.48
>=9	18818 (29.1)	951	45101	17867	373	71.83	71.63	5.05	99.18	5.05
>=11	8747 (13.52)	678	54899	8069	646	51.21	87.19	7.75	98.84	7.75
>=13	3748 (5.8)	419	59639	3329	905	31.65	94.71	11.18	98.51	11.18
>=15	1181 (1.83)	157	61944	1024	1167	11.86	98.37	13.29	98.15	13.29
>=17	166 (0.26)	34	62836	132	1290	2.57	99.79	20.48	97.99	20.48
>=18	33 (0.05)	12	62947	21	1312	0.91	99.97	36.36	97.96	36.36
>=19	8 (0.01)	5	62965	3	1319	0.38	100.00	62.50	97.95	62.50

Cutoff Risk	No of patients (%)	TP	TN	FP	FN	Sensitivity (%)	Specificity (%)	PPV (%)	NPV (%)	Pulmonary Complications (%)
<=5	2830 (9.28)	1174	2819	26487	11	99.07	9.62	4.24	99.61	0.39
<=7	7407 (24.29)	1124	7346	21960	61	94.85	25.07	4.87	99.18	0.82
<=9	16728 (54.86)	948	16491	12815	237	80.00	56.27	6.89	98.58	1.42
<=11	24272 (79.6)	616	23703	5603	569	51.98	80.88	9.91	97.66	2.34
<=13	28565 (93.68)	273	27653	1653	912	23.04	94.36	14.17	96.81	3.19
<=15	30068 (98.61)	89	28972	334	1096	7.51	98.86	21.04	96.35	3.65
<=17	30474 (99.94)	0	29289	17	1185	0.00	99.94	0.00	96.11	3.89
>=5	29208 (95.79)	1182	1281	28025	3	99.75	4.37	4.05	99.77	4.05
>=7	25825 (84.69)	1157	4639	24667	28	97.64	15.83	4.48	99.40	4.48
>=9	18993 (62.29)	1070	11384	17922	115	90.30	38.85	5.63	99.00	5.63
>=11	9476 (31.08)	776	20607	8699	409	65.49	70.32	8.19	98.05	8.19
>=13	3596 (11.79)	439	26150	3156	746	37.05	89.23	12.21	97.23	12.21
>=15	978 (3.21)	176	28505	801	1009	14.85	97.27	18.01	96.58	18.00
>=17	124 (0.41)	28	29211	95	1157	2.36	99.68	22.76	96.19	22.58

Cutoff Risk	No of patients (%)	TP	TN	FP	FN	Sensitivity (%)	Specificity (%)	PPV (%)	NPV (%)	Pulmonary Complications (%)
<=5	1825 (26.88)	291	1798	4671	27	91.51	27.79	5.86	98.52	1.48
<=7	3815 (56.19)	238	3735	2734	80	74.84	57.74	8.01	97.90	2.10
<=9	5659 (83.36)	137	5478	991	181	43.08	84.68	12.15	96.80	3.20
<=11	6490 (95.6)	39	6211	258	279	12.26	96.01	13.13	95.70	4.30
<=13	6755 (99.5)	7	6444	25	311	2.20	99.61	21.88	95.40	4.60
>=5	6097 (89.81)	311	685	5784	7	97.80	10.59	5.10	98.99	5.10
>=7	3970 (58.48)	267	2768	3701	51	83.96	42.79	6.73	98.19	6.73
>=9	1915 (28.21)	187	4743	1726	131	58.81	73.32	9.78	97.31	9.77
>=11	653 (9.62)	91	5909	560	227	28.62	91.34	13.98	96.30	13.94
>=13	124 (1.83)	22	6369	100	296	6.92	98.45	18.03	95.56	17.74

Cutoff Risk	No of patients (%)	TP	TN	FP	FN	Sensitivity (%)	Specificity (%)	PPV (%)	NPV (%)	Pulmonary Complications (%)
<=5	7660 (35.53)	412	7512	13486	44	90.35	35.77	2.96	99.42	0.57
<=7	13070 (60.63)	349	12859	8139	107	76.54	61.24	4.11	99.17	0.82
<=9	17196 (79.77)	280	16916	4082	176	61.40	80.56	6.42	98.97	1.02
<=11	19610 (90.96)	181	19231	1767	275	39.69	91.58	9.29	98.59	1.40
<=13	20779 (96.39)	95	20314	684	361	20.83	96.74	12.20	98.25	1.74
<=15	21418 (99.35)	17	20875	123	439	3.73	99.41	12.14	97.94	2.05
<=17	21548 (99.95)	3	20991	7	453	0.66	99.97	30.00	97.89	2.10
>=5	16558 (76.81)	439	4879	16119	17	96.27	23.24	2.65	99.65	2.65
>=7	11093 (51.46)	387	10292	10706	69	84.87	49.01	3.49	99.33	3.49
>=9	6279 (29.13)	318	15037	5961	138	69.74	71.61	5.06	99.09	5.06
>=11	2907 (13.48)	227	18318	2680	229	49.78	87.24	7.81	98.77	7.81
>=13	1274 (5.91)	138	19862	1136	318	30.26	94.59	10.83	98.42	10.83
>=15	396 (1.84)	54	20656	342	402	11.84	98.37	13.64	98.09	13.64
>=17	45 (0.21)	5	20958	40	451	1.10	99.81	11.11	97.89	11.11

Cutoff Risk	No of patients (%)	TP	TN	FP	FN	Sensitivity (%)	Specificity (%)	PPV (%)	NPV (%)	Pulmonary Complications (%)
<=5	30689 (35.59)	1644	30068	53898	136	92.36	35.81	2.96	99.55	0.44
<=7	52181 (60.51)	1415	51331	32635	365	79.49	61.13	4.16	99.29	0.70
<=9	68969 (79.98)	1084	67788	16178	696	60.90	80.73	6.28	98.98	1.01
<=11	78468 (91)	716	76919	7047	1064	40.22	91.61	9.22	98.64	1.36
<=13	83191 (96.47)	381	81307	2659	1399	21.40	96.83	12.53	98.31	1.68
<=15	85604 (99.27)	92	83431	535	1688	5.17	99.36	14.67	98.02	1.97
<=17	86188 (99.95)	15	83938	28	1765	0.84	99.97	34.88	97.94	2.05
<=18	86223 (99.99)	5	83963	3	1775	0.28	100.00	62.50	97.93	2.06
<=19	86230 (100)	1	83966	0	1779	0.06	100.00	100.00	97.93	2.06
>=5	66047 (76.59)	1720	19639	64327	60	96.63	23.39	2.60	99.70	2.60
>=7	44467 (51.57)	1549	41048	42918	231	87.02	48.89	3.48	99.44	3.48
>=9	25097 (29.1)	1269	60138	23828	511	71.29	71.62	5.06	99.16	5.06
>=11	11654 (13.51)	905	73217	10749	875	50.84	87.20	7.77	98.82	7.77
>=13	5022 (5.82)	557	79501	4465	1223	31.29	94.68	11.09	98.48	11.09
>=15	1577 (1.83)	211	82600	1366	1569	11.85	98.37	13.38	98.14	13.38
>=17	211 (0.24)	39	83794	172	1741	2.19	99.80	18.48	97.96	18.48
>=18	43 (0.05)	15	83938	28	1765	0.84	99.97	34.88	97.94	34.88
>=19	8 (0.01)	5	83963	3	1775	0.28	100.00	62.50	97.93	62.50