

Table 3. Sensitivity, Specificity, PPV, NPV, LR +, LR- and Related Posttest Probabilities for the Different Lab-score Cutoffs for SBI and IBI

Pretest Probability*	Lab-score Cutoff	Sensitivity (95% CI)	Specificity (95% CI)	PPV (95% CI)	NPV (95% CI)	LR+ (95% CI)	Posttest Probability If Test Positive	LR- (95% CI)	Posttest Probability If Test Negative
SBI = 28.3%	≥3	52 (46–58)	95 (93–96)	80 (74–85)	83 (81–86)	10.2 (9.5–10.9)	80% (74–85)	0.5 (0.5–0.5)	16% (15–18)
	≥4	35 (30–41)	95 (93–96)	74 (66–80)	79 (76–81)	7.1 (6.5–7.8)	74% (66–80)	0.7 (0.7–0.7)	22% (20–23)
	≥5	32 (27–37)	98 (97–99)	88 (80–93)	78 (76–81)	17.7 (14.5–21.5)	88% (80–92)	0.7 (0.7–0.7)	22% (20–23)
	≥6	17 (13–22)	99 (97–99)	85 (73.5–92)	75 (72–78)	14.03 (9.4–21)	85% (75–91)	0.8 (0.8–0.8)	24% (23–25)
	≥7	16 (12–21)	100 (99–100)	96 (86–99)	75 (72–78)	58 (17.4–193.5)	96% (86–99)	0.8 (0.8–0.9)	24% (23–25)
IBI = 2.1%	≥3	70 (49–84)	84 (81–86)	8 (5–13)	99 (98.4–99.6)	4.3 (4–4.6)	8% (6–11)	0.4 (0.3–0.5)	1% (0–1)
	≥4	70 (47–87)	88 (86–90)	11 (7–17.6)	99.3 (98.5–99.7)	6 (5.6–6.4)	11% (9–15)	0.3 (0.3–0.5)	1% (0–1)
	≥5	61 (39–80)	92 (90–93)	13 (8–21)	99.1 (98.3–99.5)	7.2 (6.4–8.0)	13% (10–18)	0.4 (0.3–0.5)	1% (0–1)
	≥6	48 (27–69)	95 (94–97)	18 (11–30)	98.8 (98–99.3)	10.5 (8.3–13.3)	18% (12–27)	0.5 (0.5–0.6)	1% (1–2)
	≥7	39 (20–62)	96 (95–97)	19 (10–32)	98.7 (97.8–99.2)	10.8 (7.3–15.9)	19% (12–29)	0.6 (0.5–0.7)	1% (1–2)

*Prevalence of the disease in the study population. Previously reported pretest probabilities presented in bold.

PPV indicates positive predictive value; NPV, negative predictive value.