

Table E1. Strength of association between STONE score variables and ureteral stone in the validation cohort, imputed cohort, and original validation study.

Factor	Validation Cohort, OR (95% CI), N = 845	Imputed Cohort, OR (95% CI), N = 929	Original Study, OR (95% CI)
Sex			
Female	Reference	Reference	Reference
Male	3.4 (2.3–4.8)	3.3 (2.4–4.6)	4.3 (3.1–6.0)
Timing (duration of pain to presentation), h			
>24	Reference	Reference	Reference
6–24	1.6 (1.2–2.1)	1.6 (1.2–2.0)	1.9 (1.3–2.7)
<6	3.1 (1.7–4.8)	2.7 (1.5–5.1)	6.3 (4.3–9.3)
Origin (race)			
Black	Reference	Reference	Reference
Nonblack	1.4 (0.9–2.2)	1.4 (0.9–2.2)	6.8 (3.8–12.6)
Nausea and vomiting			
None	Reference	Reference	Reference
Nausea alone	1.2 (0.8–1.7)	1.3 (0.9–1.9)	2.0 (1.4–2.9)
Vomiting	2.9 (1.8–4.8)	2.8 (1.8–4.5)	5.3 (3.5–7.9)
Hematuria on urine dipstick			
Absent	Reference	Reference	Reference
Present	3.6 (1.9–6.8)	3.7 (2.0–6.7)	5.6 (4.0–8.0)

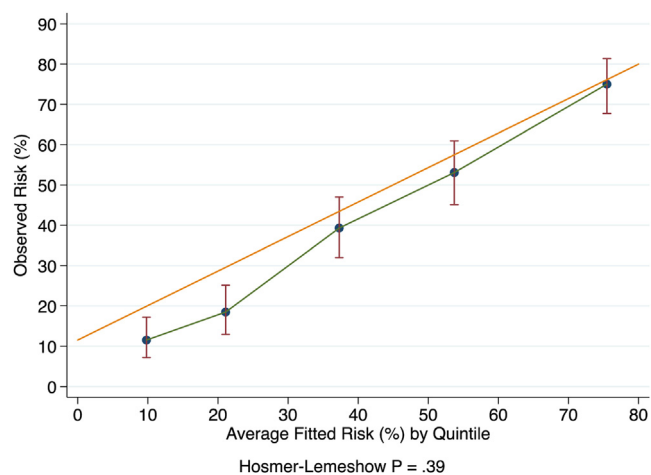


Figure E1. Calibration plot of the STONE score: observed versus predicted risk of ureteral stone.

Table E2. Strength of association between STONE score variables and ureteral stone in the black versus nonblack participants.

Factor	Validation Cohort, OR (95% CI), N = 845	Black Participants, OR (95% CI), N = 169	Nonblack, OR (95% CI), N = 676
Sex			
Female	Reference	Reference	Reference
Male	3.4 (2.3–4.8)	2.7 (1.1–6.9)	3.6 (2.2–5.6)
Timing (duration of pain to presentation), h			
>24	Reference	Reference	Reference
6–24	1.6 (1.2–2.1)	1.4 (1.0–1.8)	1.6 (1.1–2.2)
<6	3.1 (1.7–4.8)	1.6 (0.6–4.3)	3.5 (1.9–6.5)
Origin (race)			
Black	Reference	NA	NA
Nonblack	1.4 (0.9–2.2)		
Nausea and vomiting			
None	Reference	Reference	Reference
Nausea alone	1.2 (0.8–1.7)	1.4 (0.5–4.1)	1.1 (0.7–1.9)
Vomiting	2.9 (1.8–4.8)	4.9 (1.6–14.6)	2.6 (1.4–4.6)
Hematuria on urine dipstick			
Absent	Reference	Reference	Reference
Present	3.6 (1.9–6.8)	2.1 (0.9–4.6)	4.2 (2.2–7.8)

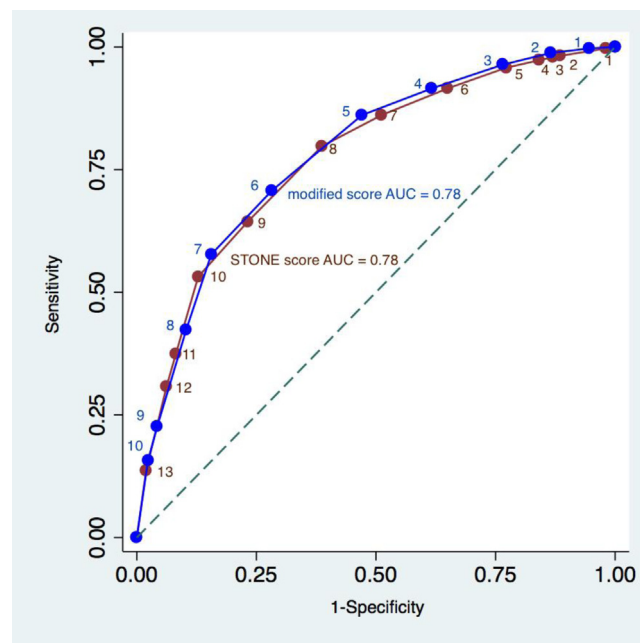


Figure E2. Receiver operating characteristic curve of STONE score versus modified STONE score.

Table E3. Test characteristics of the modified STONE score for ureteral stone.

	Sensitivity, % (95% CI)	Specificity, % (95% CI)	+LR, % (95% CI)	-LR, % (95% CI)
Modified score (7-10)	58 (52-63)	84 (82-87)	3.7 (3.0-4.6)	0.5 (0.4-0.6)
Modified score (8-10)	42 (37-48)	90 (87-92)	4.1 (3.1-5.4)	0.6 (0.6-0.7)