

## Supplemental Information

**SUPPLEMENTAL TABLE 4** Frequency and Association of Undertriage Indicators, by Caregiver Preferred Language (Full Adjusted Model)

	Overall Undertriaged aOR (95% CI)	Undertriage Indicator: ESI 4 or 5+ Hospital Admission aOR (95% CI)	Undertriage Indicator: ESI 4 or 5+ ED Resources aOR (95% CI)	Undertriage Indicator: ESI 4 or 5+ Return Within 14 Days and Admission aOR (95% CI)
English	Reference	Reference	Reference	Reference
Spanish	1.4 (1.3–1.5)	2.3 (2.0–2.6)	1.4 (1.3–1.6)	1.4 (1.2–1.7)
Other	1.7 (1.3–2.3)	2.4 (1.4–3.9)	1.8 (1.3–2.4)	1.3 (0.5–3.0)
Female	1.0 (0.9–1.0)	1.0 (0.9–1.1)	1.0 (0.9–1.1)	0.8 (0.7–1.0)
Private insurance	Reference	Reference	Reference	Reference
Public insurance	0.6 (0.6–0.7)	0.4 (0.3–0.5)	0.6 (0.5–0.6)	1.0 (0.8–1.3)
Self-pay	0.4 (0.4–0.5)	0.3 (0.2–0.4)	0.4 (0.4–0.5)	0.8 (0.5–1.1)
Not documented	0.8 (0.4–1.6)	1.0 (0.4–2.7)	0.8 (0.4–1.6)	0.9 (0.1–6.7)
Arrived by ambulance, transport service/ police	2.5 (2.2–2.7)	3.5 (3.0–4.2)	2.5 (2.2–2.8)	2.1 (1.6–2.8)

**SUPPLEMENTAL TABLE 5** Frequency and Association of Undertriage Indicators, by Caregiver Preferred Language (Full Adjusted Model Clustered by Nurse)

	Overall Undertriaged aOR (95% CI)	Undertriage Indicator: ESI 4 or 5+ Hospital Admission aOR (95% CI)	Undertriage Indicator: ESI 4 or 5+ ED Resources aOR (95% CI)	Undertriage Indicator: ESI 4 or 5+ Return Within 14 d and Admission aOR (95% CI)
English	Reference	Reference	Reference	Reference
Spanish	1.3 (1.3–1.5)	2.0 (1.7–2.3)	1.4 (1.2–1.5)	1.4 (1.2–1.7)
Other	1.6 (1.2–2.2)	2.2 (1.3–3.7)	1.7 (1.2–2.3)	1.3 (0.5–3.0)
Female	1.0 (0.9–1.1)	1.0 (0.9–1.1)	1.0 (0.9–1.1)	0.8 (0.7–1.0)
Private insurance	Reference	Reference	Reference	Reference
Public insurance	0.6 (0.6–0.7)	0.5 (0.4–0.6)	0.6 (0.5–0.7)	1.0 (0.8–1.3)
Self-pay	0.5 (0.4–0.5)	0.3 (0.3–0.5)	0.4 (0.4–0.5)	0.7 (0.5–1.1)
Not documented	0.8 (0.4–1.6)	1.1 (0.4–3.0)	0.8 (0.4–1.6)	1.0 (0.1–6.4)
Arrived by ambulance, transport service/police	2.4 (2.2–2.7)	3.4 (2.9–4.1)	2.4 (2.2–2.7)	2.1 (1.6–2.7)