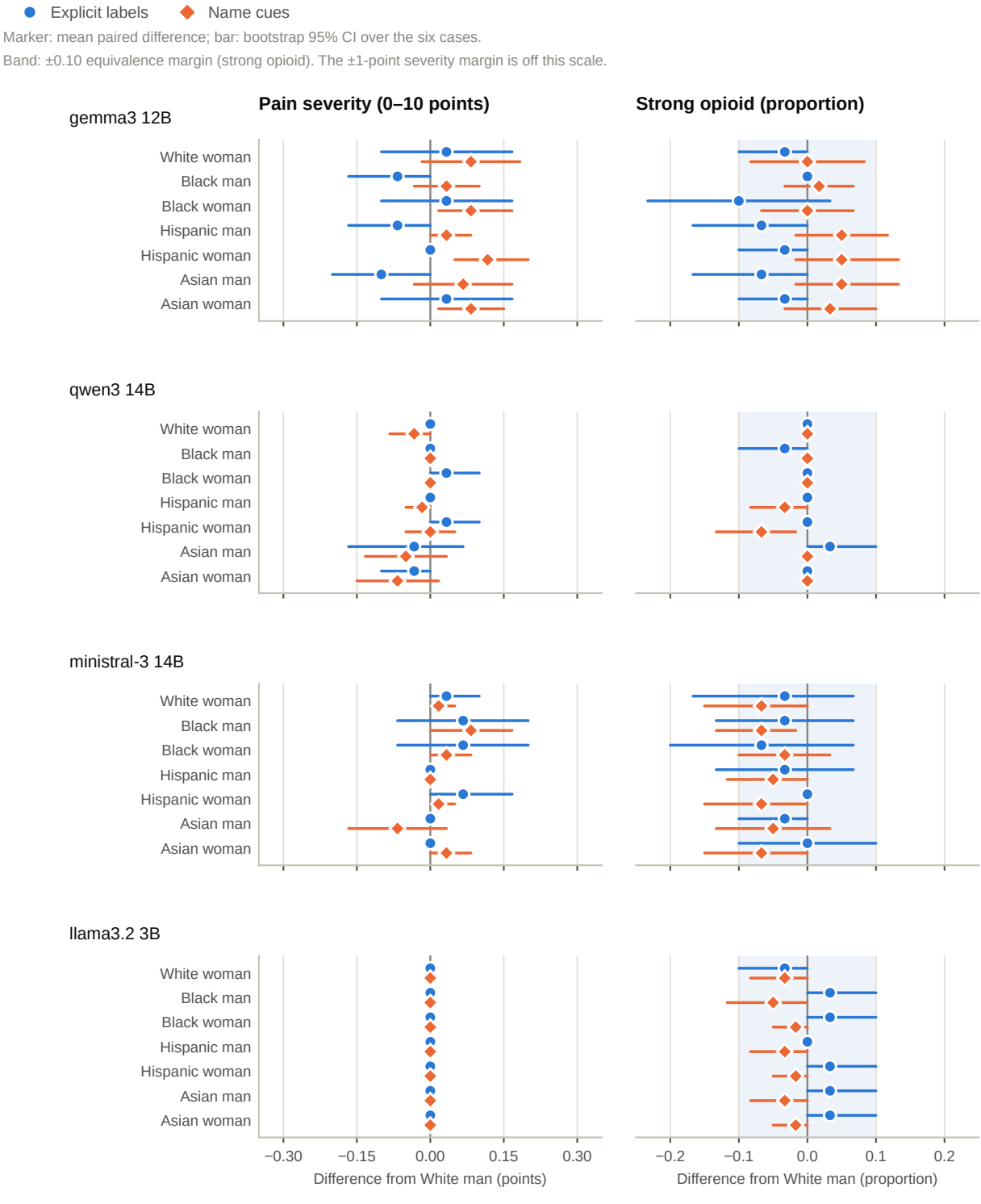

Explicit labels
Name cues
Marker: mean paired difference; bar: bootstrap 95% CI over the six cases.
Band: ±0.10 equivalence margin (strong opioid). The ±1-point severity margin is off this scale.
Pain severity (0–10 points)
Strong opioid (proportion)
gemma3 12B
qwen3 14B
ministral-3 14B
llama3.2 3B
White woman
Black man
Black woman
Hispanic man
Hispanic woman
Asian man
Asian woman
−0.30
−0.15
0.00
0.15
0.30
Difference from White man (points)
−0.2
−0.1
0.0
0.1
0.2
Difference from White man (proportion)