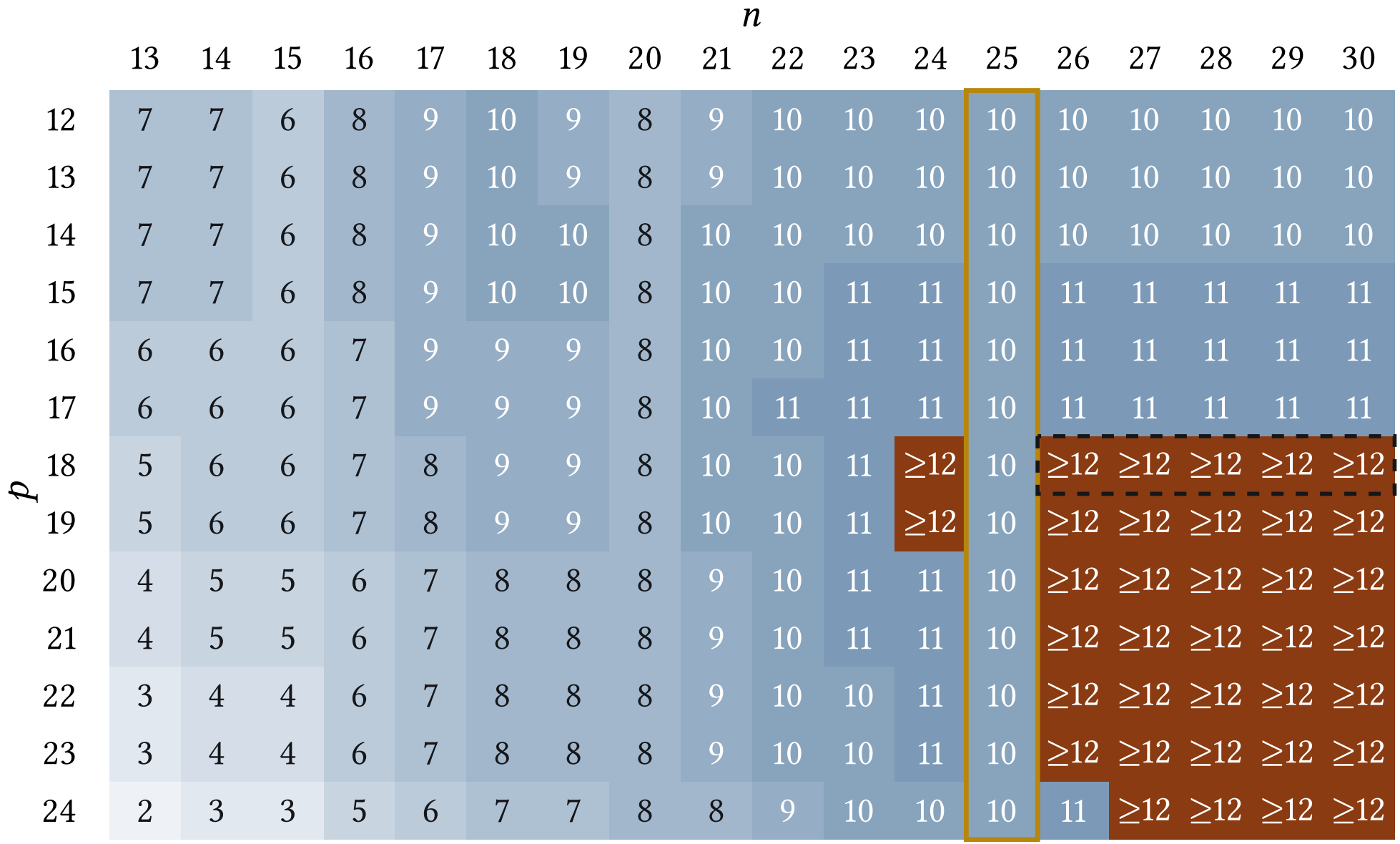


cell = $\beta_p(n)$, the minimum boundary of a p-set in $P(n, 5)$; rust = certified ≥ 12 (DRAT); gold frame = $n = 25$, where every $p \leq 24$ fails; dashed = the row $p = 18$, $n \geq 26$ used in the proof