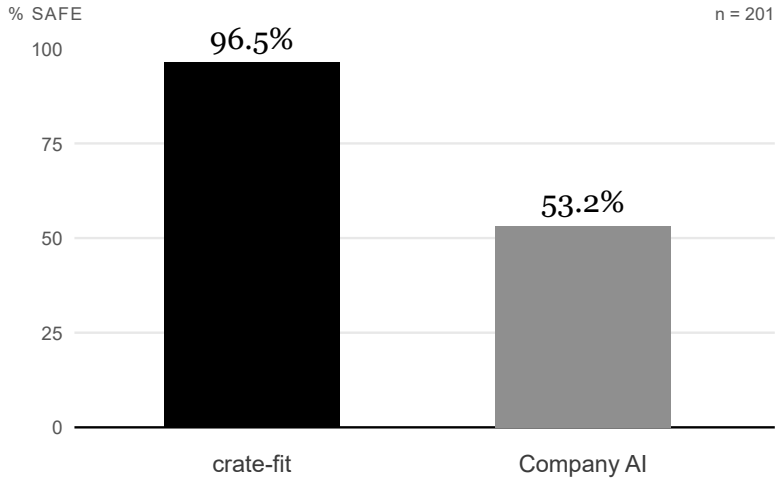
# More protection. Less spend.

crate-fit picks the cheapest box that still protects the item — and is safe on **nearly twice** as many single-item packs as the company AI.

**EXHIBIT**
Safe picks, single-item packs · paired sample of 201 packs




A **safe pick** fits the item and keeps the required cushion. Safe: **194/201** vs **107/201**; hard errors **7 vs 94**; fragile cushion **3.5″** vs 1.5″ (95% of company fragile defaults leave under 4″). The 43-point gap is far beyond sampling noise (conservative 95% CI: +36 to +51 pts).

**AT A GLANCE · THREE WEEKS**

**+$4,590** — cushion savings, 782 packs

**+$1,019** — cut-to-size savings, 158 boxes

**99.1%** — warm and priced at scan

**Measured, not modelled:** trade-down is priced against the 4″ safe cushion; cut-to-size against the cheapest standard box at the same cushion. We box **6.56×** the item's volume (vs 4.24×) and quote a median **$0.53** more — the price of the protection.

**DECISIONS REQUESTED**

**01**
**Approve the classifier pilot.** A two-week live run measures the candidate expansion; it is built and switched off.
JOE · THIS WEEK

**02**
**Decide the large-box scoring basis.** It blocks the largest remaining accuracy fix.
JOE · THIS WEEK

**03**
**Monitor the 11 Nov shift.** The timeout fixes are live; act only if they persist.
ENGINEERING · MONITOR

**40 / 45**
SCORED ITEMS MATCHED · 88.9%

**4 (8.9%)**
AI-CONTROLLABLE MISPACKS TODAY

**45 / 45**
SHIPBY QUEUE PRE-WARMED

Window 21 Oct – 10 Nov 2026 · shipping data through 10 Nov · company advisories through 8 Nov · authority packer JoeC · 617 paired orders. Sources: ai_vs_crate_fit_analysis, executive_results_2026-11-10, daily_mismatches_2026-11-10.