

HAIL REAL NUMBERS WORKSHEET

Advanced assessment · 20 metrics · heroleague.ai

Print this page and write one number per metric. Then type the same numbers into the on-screen advanced form at heroleague.ai/assess.html?advanced=1. Fields are optional; you need at least one adoption metric and one health metric to place a hero.

TEAM	DATE
FILLED BY	EMAIL

CORE 8 — ENOUGH TO PLACE

1	What share of merged PRs are majority-authored by AI or agents? ai_pr_pct ADOPTION Range 0 → 100	
2	When a deploy fails, how long until you've restored service? Mean time to restore. mttr_hours STABILITY Range 260 → 1	
3	How often do closed defects get reopened? defect_reopen_rate_pct QUALITY Range 12 → 0	
4	How many new high/critical security findings appear per 100 PRs? vuln_intro_per_100pr SECURITY Range 12 → 0	
5	What share of merged PRs get meaningful human review? Count comments and change-requests — not bare approvals. review_coverage_pct REVIEW Range 40 → 95	
6	How has PR volume changed quarter-over-quarter? pr_volume_delta_pct PRODUCTIVITY Range -15 → 98	
7	And did tickets actually *done* keep pace with that PR-volume change? The gap between PR volume and throughput is the core diagnosis (output vs outcome). Answer relative to the PR-volume change (pr_volume_delta_pct). ticket_throughput_delta_pct VELOCITY Range -20 → 60	
8	Median time from first commit to PR merged? cycle_time_days VELOCITY Range 14 → 1	

Ranges are the site scale (worse → better when the scorer has a directed anchor). Leave a box empty if you do not measure that metric.

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EXTENDED 12 — SHARPENS THE PLACEMENT

9	How much of your merged code is AI-authored or heavily AI-assisted? Share of merged lines attributable to AI. <code>ai_loc_pct</code> ADOPTION Range 0 → 100	
10	How many production defects escape per 100 merged PRs? Count only what reached production; a catch in review/QA is the system working. <code>defect_density_per_100pr</code> QUALITY Range 18 → 2	
11	Median time from commit to deployed? <code>lead_time_days</code> VELOCITY Range 30 → 1	
12	How does your security gate behave in CI? 'No gate' is the worst case, not a blank — enter it as such. <code>security_gate_fail_pct</code> SECURITY Range 60 → 0	
13	How many merged PRs does an active developer produce per week? <code>pr_rate_per_dev_week</code> PRODUCTIVITY Range 1 → 7	
14	How many distinct agents/agentic pipelines have merged to production? Count agents with at least one production merge (saturates at 5). <code>agent_count</code> ADOPTION Range 0 → 5	
15	What share of tickets are resolved end-to-end by an agent? End-to-end = the agent scoped, coded, tested and opened the PR; a human reviewed the result rather than driving the work. <code>ai_ticket_pct</code> ADOPTION Range 0 → 100	
16	What share of PRs receive automated AI review? <code>ai_review_pct</code> ADOPTION Range 0 → 100	
17	How much code gets rewritten within ~3 weeks of being merged? Churn: code modified or deleted within 21 days of authorship. <code>churn_rate_pct</code> QUALITY Range 13 → 3	
18	When you ship, how often does it break? (failures / rollbacks / hotfixes) Change failure rate. <code>cfr_pct</code> STABILITY Range 22 → 5	
19	What share of PRs merge with no meaningful review at all? <code>unreviewed_merge_pct</code> REVIEW Range 5 → 50	
20	How has review time changed quarter-over-quarter? <code>review_time_delta_pct</code> REVIEW Range 0 → 120	

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