SHAMS — Scan Lab Atlas (Signature Template)

Scan ID: SIGNATURE_TEMPLATE Axes: Ip_MA × R0_m Grid: 31×25

Contract

Scan Lab Contract (0■D) - Scan Lab evaluates the frozen Point Designer 0■D physics at many points. - Scan Lab does not optimize, relax constraints, or recommend designs. - Scan Lab reveals constraint structure: dominance, first■failure order, regimes, and robustness. - Any conclusion should be treated as conditional on the assumptions shown in the report.

Provenance

Fingerprint: b4e3947f8da0928a
constraints_pkg: 35c59f282d623ccf
physics_pkg: e3b0c44298fc1c14
requirements_trace: 7d2ad037419e032b
scan_cartography: dece1eba71e4300e
scan_insights: 1d72ec17eb58de60
scan_next_tier: a381f91cd53d12e8
ui_app: 5eeddb0e8086992b

Executive narrative

Intent: Reactor

Template atlas shipped with SHAMS. Run a cartography scan and export a filled signature atlas from Scan Lab.

Intent: Research

Template atlas shipped with SHAMS.

Constraint-dominance cartography — Reactor

Color shows dominant blocking constraint. PASS means blocking-feasible.

Intent split (Research vs Reactor)

Same physics; different acceptance rules. Overlay highlights Research-feasible but Reactor-infeasible regions.

First-failure topology (cliffs)

Intent: Reactor

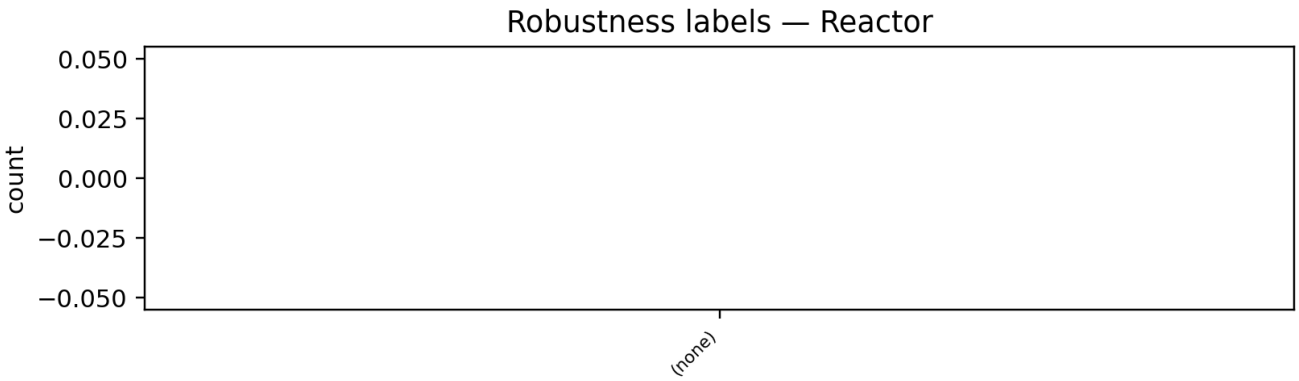
Connected feasible components: n/a Holes: n/a

Intent: Research

Connected feasible components: n/a Holes: n/a

Interpretation: more components/holes indicates sharper cliffs and regime fragmentation.

Robustness (brutally honest)



Robust: stays feasible locally. Knife-edge: tiny perturbations trigger failures.

Local scaling-law snapshot

Locally fitted power-law exponents (interpret as approximate).

(local scaling not available in this report)

Constraint interaction (coupling)

(interaction matrix unavailable in this report)

Uncertainty lens

(uncertainty summary unavailable — run the uncertainty lens in Scan Lab)

Claim (evidence-backed)

Use Claim Builder to export a filled version of this page.

(no claim selected)