Resistance versus Singularity
Evidence Scoreboard
(Living Table)

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Living table. Edges assigned under a strict referee standard. "Resistance" in the Edge column means the Gatekeeper side holds a clear lead on that row; it does not mean the two ideas are tied. Scoreboard updated 5 November 2026 to include the termination condition, the uniform pattern of interruption with shifted burden, and the stable-versus-dynamical partition.

Under the scoring rules applied in the table that follows, the classical singularity holds no uncontested edge once interior extrapolation and the absence of contradiction are scored as such rather than as positive evidence. Every row resolves to one of three outcomes: a split in which both sides retain a legitimate countable point, a clear lead for the resistance equality $R = W/\mathcal{D}(\Phi)$ on positive or falsifiable grounds, or an open item whose decisive measurement has not yet returned. The resistance equality is therefore proposed as the provisional default description of the interior until a competing account supplies stronger countable or falsifiable support on the same criteria. The proposal is explicitly provisional: it is displaced the moment any alternative demonstrates superior evidence under the same referee standard.

#	Claim	Evidence for Classical Singularity	Evidence for Resistance / $R = W/\mathcal{D}(\Phi)$	Current Edge	Notes
1	Singularities are required by GR	Penrose–Hawking theorems; interior solutions reach infinite curvature under classical assumptions	Theorems assume classical GR continues past the horizon with no energy-cost cutoff — an extrapolation, not a measurement. Resistance forces a cost for any flex	Split	Theorems prove geodesic incompleteness under stated conditions, not an observed infinity
2	GR has never failed an observation	True in every tested exterior regime	Exterior success does not confirm the unobservable interior. Frame-dragging diagnostic showed few-percent EOS-dependent shift on SLy/APR4 consistent with Resistance acting as pressure support	Split	Interior remains untested
3	No alternative mechanism exists	Mainstream literature largely silent on the specific equality	Competitive study found no direct competitor carrying the necessity argument or $R = W/\mathcal{D}(\Phi)$. Bounce concept, signed form, phase-diagram floor all follow from it	Resistance	Argument from silence is not positive evidence
4	Burden of proof	Singularity is the default; alternatives must displace it	Score evidence, not tenure. Resistance starts from first principle and countable predictions rather than inheritance	Resistance (framing)	Default status is not itself evidence
5	Energy conservation	Merger mass deficit matches radiated wave energy within error	Detectors measure strain; a longitudinal or massive mode could ride the wave unobserved. Resistance requires the cost of stopping runaway focusing to be entered	Split	Open seam remains

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6	Testability	Interior is horizon-blocked; no direct observation possible	Alpha stacking on GWOSC, phase-diagram floor, frame-dragging shift — all measurable consequences of Resistance with existing or near-future data	Resistance	Strongest practical distinction
7	Occam's razor	One equation, no extra terms	GR already carries undetermined pieces (Λ, dark energy). $R = W/\mathcal{D}(\Phi)$ is a visibility gate on energy already being spent, not an added ingredient	Split	Razor cuts both ways once silence is costed
8	Mathematical consistency	Self-consistent inside classical GR	Compatibility by construction: Resistance does not modify Einstein's equation; it changes what is counted as a cost. It holds identically whether or not the residue is zero	Split	—
9	Predictive power	Black-hole thermodynamics, Hawking radiation, area law (mostly semiclassical)	Alpha bound from stacking, bounce floor as CMB cutoff scale, threshold-mass hierarchy, merger deficit as seed energy — all downstream of Resistance	Resistance	Singularity's famous predictions are not about the singularity itself
10	Falsifiability	Effectively unfalsifiable — no interior measurement can contradict it	Can die on null stack, failed phase diagram, frame-dragging going the wrong way, or fixed-floor prediction failing	Resistance	Forces the singularity to defend an untestable claim

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#	Claim	Evidence for Classical Singularity	Evidence for Resistance / $R = W/\mathcal{D}(\Phi)$	Current Edge	Notes
11	Neutron star densities	GR + known EOS → TOV, maximum mass, collapse past it	Paper V tabulated-EOS layer ran SLy/APR4 with the signed form of Resistance as pressure support; frame-dragging showed positive few-percent shifts	Resistance	Acts like ordinary pressure support at NS densities
12	Information paradox	Hawking radiation appears to destroy information	Bounce (forced by Resistance when cost exceeds budget) replaces trapped infinity; information never enters a regime it cannot leave	Resistance	Singularity's own downstream problem
13	Universe without the term	Collapse ends only in dead points; no rebound	Without a floor, sufficient mass has no off-switch — universe fills with singularities and nothing else. Resistance enables stars, disks, observers	Resistance	Necessity argument: difference between a universe that only dies and one that can begin again
14	Horizon problem	Horizons are coordinate features, not physical walls	Continuity across horizon is a modeling choice Resistance exploits — same relation, same constants, evaluated deeper. No forced switch	Resistance	Refuses the wall the singularity needs
15	Direct imaging (EHT)	Sgr A* shadow $\approx 2.50\, r_s$ vs GR $2.598\, r_s$ (consistent exterior)	Exterior consistency is exactly what Resistance predicts if the outside remains untouched GR	Split	Exterior measurement does not confirm interior point
16	Dark energy	No direct connection to interior problem	Scale-agnostic; does not solve dark energy but stops treating gravity's opposite failures as unrelated	Open	Pattern worth noticing; no decisive test yet

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#	Claim	Evidence for Classical Singularity	Evidence for Resistance / $R = W/\mathcal{D}(\Phi)$	Current Edge	Notes
17	The observer	QM needs observer/decoherence; GR is deterministic	Bounce supplies a physical endpoint where quantum effects can matter before infinite limit — a meeting point neither theory currently owns	Resistance	Offers a door neither has walked through
18	Entropy and time's arrow	Collapse increases entropy (second law)	Singularity freezes entropy at a point; arrow stops. Bounce (forced by Resistance) lets energy leave as radiation/heat — entropy still grows	Resistance	Only row where singularity predicts something physically odd about time
19	Planck regime	GR expected to break at Planck density	Resistance is a mandatory deformation cost that can bite earlier, at whatever density the cost exceeds the budget — no new Planck-scale physics required	Resistance	Moves the fight to a regime we might reach
20	Historical precedent	Establishment was right to trust the math until experiment forced change	Every prior anomaly was taken seriously by someone who refused to defend the default. Project's posture: not overthrowing GR, asking what it silently omits	Split	Makes the table worth keeping
21	First-principle statement	No equivalent positive statement	$R = W/\mathcal{D}(\Phi)$ (or $W = R \cdot \mathcal{D}(\Phi)$) — deformation that costs energy requires the residue to be entered. Omission must be explicitly discharged	Resistance	The compact personal statement

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#	Claim	Evidence for Classical Singularity	Evidence for Resistance / $R = W/\mathcal{D}(\Phi)$	Current Edge	Notes
22	Cross-domain portability	Not required by classical GR	Same equality can be tested in numerical relativity grids, lattice QCD, any discretized geometry — without black holes involved. If it generates different numbers, it is structural	Open	Speculative but natural outward implication; decisive test not yet run
23	Termination of the deformation-work chain	No equivalent positive statement; external accounting is assumed to close	Purely external (reporter-only) accounting generates infinite regress and cannot close under conservation. Finite termination requires at least one carrier with intrinsic resistance. Gatekeeper equality is the minimal formalization of that requirement	Resistance	Strengthens the necessity claim; prior to the equality itself
24	Uniform pattern of interruption and burden of exception	Interior incompleteness is the content of the focusing theorems under stated assumptions	Every known runaway (electron degeneracy, TOV limit, solid density, atomic Coulomb collapse) is interrupted and charged by the host theory. Black-hole interior is the sole remaining case written without that charge. Burden therefore shifts to the reporter-only continuation past the horizon	Resistance (framing)	Pattern-based prior; does not by itself extract the residual from inside the unmodified equations

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#	Claim	Evidence for Classical Singularity	Evidence for Resistance / $R = W/\mathcal{D}(\Phi)$	Current Edge	Notes
25	Stable versus dynamical partition	Reporter-only treatment is uniform	When $\mathcal{D}(\Phi) = 0$ the equality forces $R = 0$ and reporter-only is exact (exterior Schwarzschild and Kerr untouched). When $\mathcal{D}(\Phi) > 0$ the termination condition requires intrinsic resistance. Quantum zero-point motion makes reporter-only a limiting approximation elsewhere	Resistance	Clean boundary condition that protects all tested exteriors while forcing the interior cost

Summary under the strict standard (5 November 2026): Clear Resistance edges on rows 3, 6, 9, 10, 11, 12, 13, 14, 17, 18, 19, 21, 23, 25. Splits on 1, 2, 5, 7, 8, 15, 20. Open on 16 and 22. Framing notes on 4 and 24.

Every row resolves to one of three outcomes: **Split** (both sides have a real, countable point that has not been ruled out), **Resistance** (the Gatekeeper side holds a clear lead on positive or falsifiable evidence), or **Open** (the decisive test has not returned a number yet). There is no row where the classical singularity holds a clean, uncontested edge once interior extrapolation and absence of contradiction are scored as what they are.

This standalone scoreboard matches the appendix of the 5 November 2026 update to the open-prediction preprint. It is held offline pending a decision to post.