# Privacy & Compliance Readout — Corrected

Generated: 2025-09-11 16:32 | Using annexed JSONs (02/03/04) and provided figures

## Privacy & Compliance Metrics

| Metric | Value | Target/Note |
|---|---|---|
| k-anonymity | 97 | ≥ 5 |
| l-diversity | 7 | ≥ 2 |
| GDPR risk index | 0.235 | ≤ 0.30 desirable |
| HIPAA Safe Harbor | PASS | |
| Compliance index | 0.906 | 0–1, higher is better |

## ROI of Safeguards (from privacy_roi_summary.json)

| Component | Value (USD) |
|---|---|
| Expected loss (without safeguards) | $440,000 |
| Expected loss (with safeguards) | $120,000 |
| Avoided loss | $320,000 |
| Time benefit | $0 |
| Safeguard cost (NPV) | $250,000 |
| Net benefit | $70,000 |
| Benefit-Cost Ratio | 1.28 |

## One-way Sensitivity (Net Benefit span)

| Parameter | Min Net Benefit | Max Net Benefit | Range |
|---|---|---|---|
| ts.prob_incident_per_year | $-1,500,781 | $-1,019,781 | $481,000 |
| sg.risk_reduction_relative | $-1,386,781 | $-1,170,781 | $216,000 |

## Figures

Identifier Map (Direct vs Quasi)

Compliance Readiness

## ROI Breakdown (Benefits vs Costs)

1e6

296,000 · Avoided loss
Time benefit
-1,574,781 · Safeguard cost
-1,278,781 · Net

## One-way Sensitivity (Tornado)

ts.prob_incident_per_year — 1,500,781 ... -1,019,781

sg.risk_reduction_relative — -1,386,781 ... -1,170,781

Net Benefit
1e6
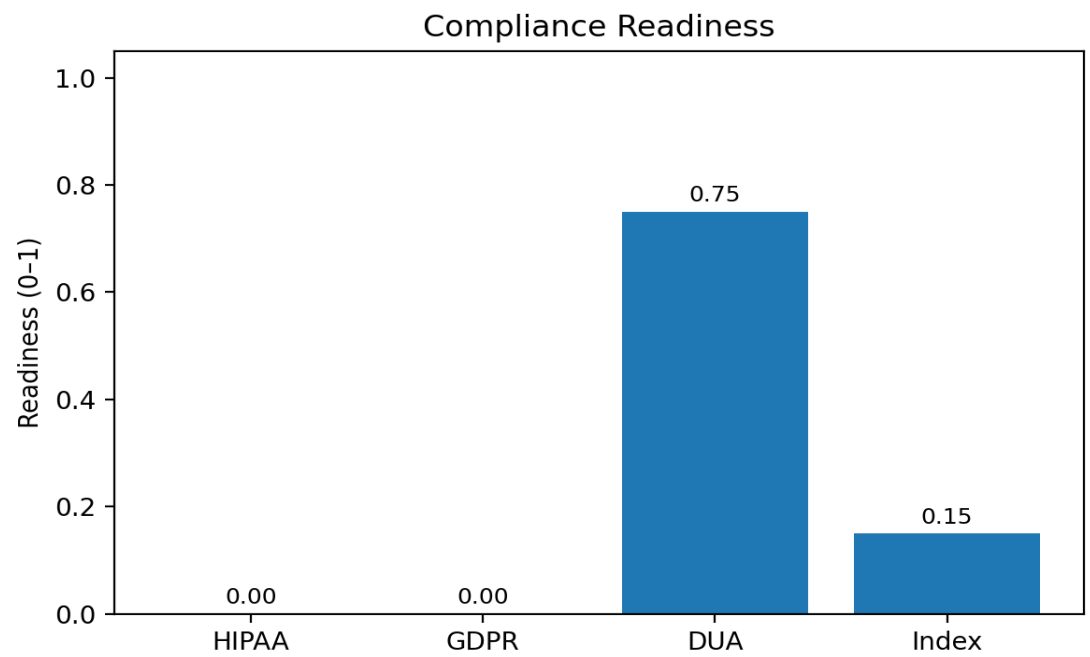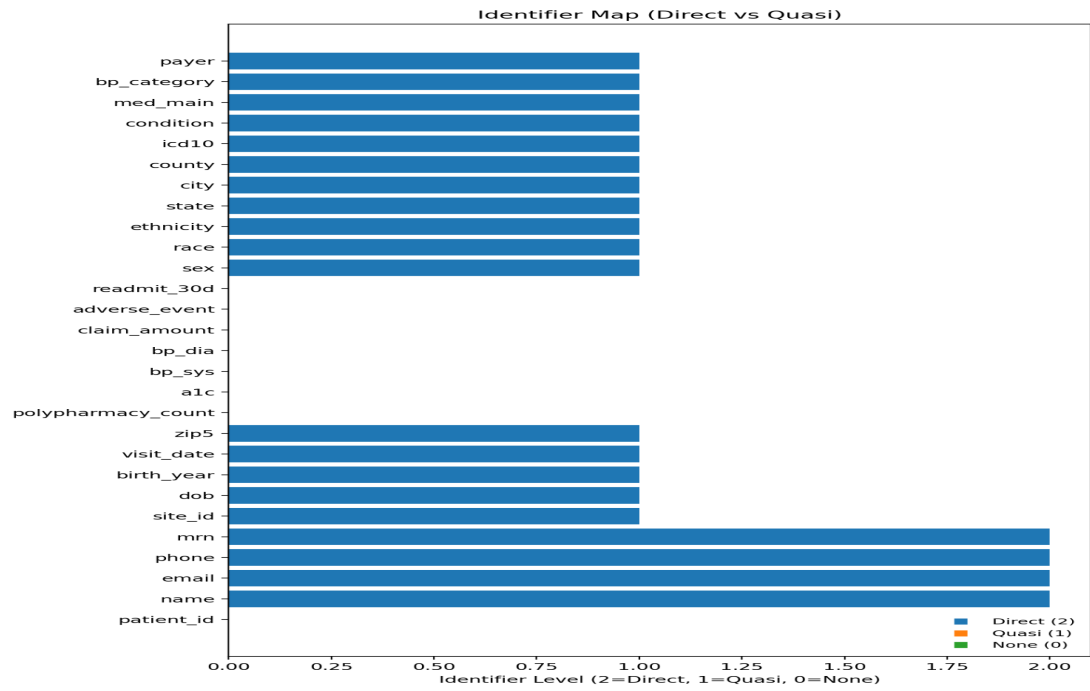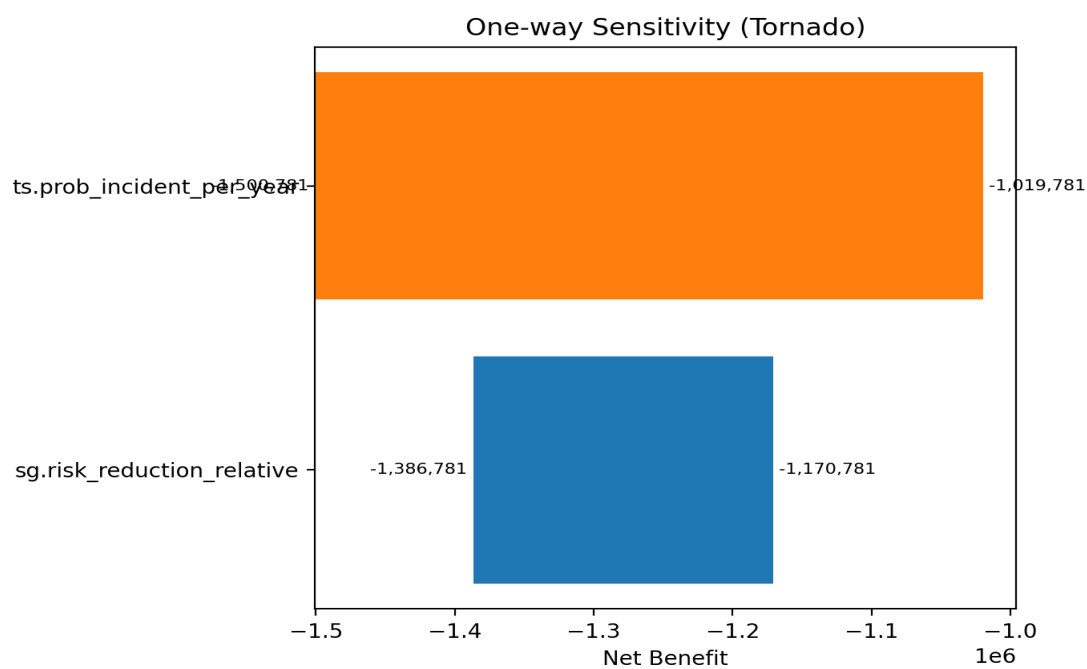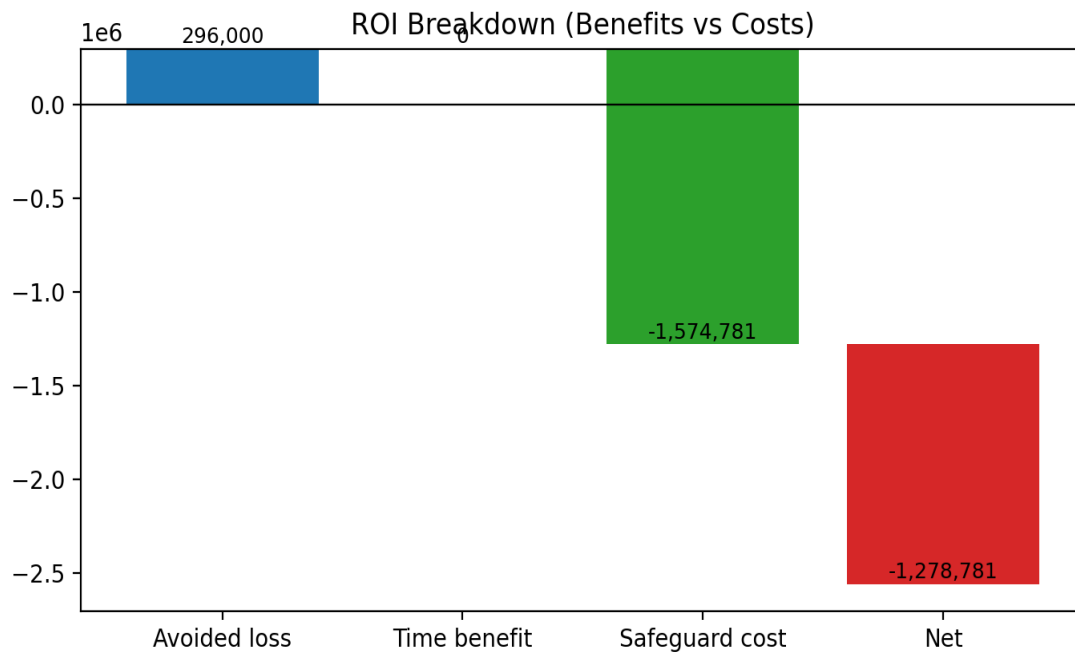
## Recommendations

• Keep direct identifiers removed; policies validated against HIPAA Safe Harbor.

• Your k=97 and l=7 exceed targets — lock these rules in ETL (dates→year/quarter, region-level geo, top-N bucketing).

• Maintain GDPR risk index ≤0.30 by monitoring quasi-ID drift and re-running this playbook on updates.

• Leverage positive ROI (net +$70k; BCR 1.28) by keeping safeguard cost disciplined and exploring time-to-market benefits.