AI ROI Methodologies — External Research Library

14 source-faithful methodology reviews | Edition 1.0

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About this collection

This collection presents 14 independently written summaries of methodologies published by their originating organisations. It uses the layout of the Dodone Model v1 document as a formatting reference only. It does not include Dodone adaptations or invented formulas, input defaults, synthetic scenarios or numerical examples.

Methodology transparency varies greatly: some publishers release formulas and examples; others publish only an abstract or a qualitative framework. Individual reviews mark unavailable information explicitly. These are source reviews and have not received an independent external audit.

Methodology inventory

EXT-001 | Forrester — Total Economic Impact (TEI)

Type: General technology investment methodology. Reproducibility: Partial. An independent reader can verify the published conceptual dimensions, but cannot reconstruct a universal TEI calculation from this policy page alone.
Primary publisher source

EXT-002 | Google Cloud / DORA — ROI of AI-Assisted Software Development

Type: Public interactive engineering ROI calculator. Reproducibility: Partial from the public inputs and displayed outputs. The full official report is linked through a separate report request/page; only the accessible calculator and public landing information were relied on here.
Primary publisher source

EXT-003 | McKinsey / QuantumBlack — The AI Value Curve

Type: Proprietary bottom-up task economics opportunity analysis. Reproducibility: Partial at the logic level. The article gives the aggregation chain, but not enough source data or proprietary transformations to reproduce its full global result independently.
Primary publisher source

EXT-004 | Microsoft Copilot Studio — Measuring the Business Value of Agents

Type: Operational agent outcome/value measurement guidance. Reproducibility: Strong for the published Agent Assisted Hours/Value worked example; partial for complete agent business ROI across all four value drivers.
Primary publisher source

EXT-005 | McKinsey Global Institute — The Economic Potential of Generative AI

Type: Bottom-up global use-case and work-activity opportunity sizing. Reproducibility: Partial. Published activity categories and high-level opportunity outputs can be inspected, but the underlying global research aggregation cannot be rebuilt solely from the public article.
Primary publisher source

EXT-006 | Kanuri, Pattabhiramaiah & Sridhar / Journal of the Academy of Marketing Science — Return on AI (RoAI)

Type: Academic marketing AI investment economic framework. Reproducibility: Strong for the published expression and explanatory example; a company application still requires independently established benefit, value-share, durability and cost inputs.
Primary publisher source

EXT-007 | IDC — Business Value Research Methodology

Type: Customer-research-driven technology business value study. Reproducibility: Partial process transparency, low numerical reproducibility from the public overview alone.
Primary publisher source

EXT-008 | Amazon Web Services — Agentic Value Model for Automation

Type: Agentic workflow business-case methodology. Reproducibility: Strong for the published illustrative cost examples and overall value-pool logic; partial for a universal agent model because operational inputs are workflow-specific.
Primary publisher source

EXT-009 | Workhelix — Task-Based Enterprise AI ROI Measurement

Type: Proprietary task-level opportunity and causal measurement system. Reproducibility: Limited. The core task-centric measurement logic is public, but proprietary coefficients, data and implementation are not.
Primary publisher source

EXT-010 | Gartner — How to Calculate Business Value and Cost for Generative AI Use Cases

Type: Restricted analyst research framework. Reproducibility: Not possible from the public abstract. This is a documented access limitation, not a claim that Gartner did not produce such detail.
Primary publisher source

EXT-011 | Amazon Web Services — Calculating the ROI of AI: Cost per Outcome

Type: AI cost allocation and unit-outcome economics. Reproducibility: High for Cost per Outcome given measured costs and an outcome denominator; partial for financial ROI because outcome valuation is use-case-specific.
Primary publisher source

EXT-012 | McKinsey / QuantumBlack — From Promise to Impact: Five-Layer AI Measurement

Type: Enterprise operating and impact-measurement framework. Reproducibility: High for the five-layer taxonomy and ownership mapping; not applicable for a single numeric ROI because no universal formula is defined.
Primary publisher source

EXT-013 | Deloitte — AI ROI Performance Index

Type: Comparative AI performance research index. Reproducibility: Partial conceptual reproducibility for the four dimensions and top-20% rule; numerical score reconstruction is not possible from the reviewed public paper.
Primary publisher source

EXT-014 | Atlassian Teamwork Lab — Enterprise AI ROI Value Framework

Type: Four-stage qualitative maturity and measurement framework. Reproducibility: High for conceptual four-stage framework and KPI examples; numeric ROI reproducibility not applicable.
Primary publisher source

How to interpret information gaps

- Not publicly available in reviewed sources means the reviewed public material did not provide the item; it does not prove that no private or licensed material exists.
- Not applicable means the framework is qualitative or opportunity-oriented and does not define that financial measure.
- Publisher-reported examples are identified as such. The collection introduces no new numerical examples or model defaults.
- Each review gives source URLs; the source register below contains full, machine-readable links.

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