

COMPLIANCE WORKING RECORD

Model evaluation sampling planner

Fictional sample. Requires tailoring and responsible review.

Document control

Field	Value
Document type	Model evaluation sampling planner
Document reference	12-model-evaluation-sampling-planner
Jurisdiction	United States
Version	2026-10-09.quantitative-workflow.1
Status	Named calculation prepared
Prepared by	Fictional Analysis owner
Prepared on	October 9, 2026
Generated	October 9, 2026

Purpose and boundary

Plan reproducible evaluation sample sizes from approved precision and population assumptions.

Calculations use supplied observations and explicitly approved methods. Original files and prior work remain in this browser. Results do not establish source authenticity, population completeness, causation, regulatory compliance or approval to make a customer, supplier, lending or model decision.

Method and exact sources

Method revision 2026-10-09.quantitative-workflow.1.

For each stratum calculate $\text{ceil}(N \cdot z^2 \cdot p(1-p) \text{ divided by } (e^2(N-1) \text{ plus } z^2 \cdot p(1-p)))$, then apply the approved minimum without exceeding N. p and e are supplied percentages. Preserve each assumption and separate stratum. Flag planned expected positive or negative counts below 5. This normal-approximation planning calculation does not guarantee achieved coverage or model validity.

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Source	Filename	Bytes	SHA-256
primary	fictional-observations.csv	120	a5b72bbad4431c69aa07d4f3b7b9a1c060104803dac88d3229e320ab8448664b
comparison	fictional-approved-method.csv	151	18e34919ba30254597f8fe12579edd76c40a94ee247ed960fba6bdba101032e2

Frozen inputs

Field	Value
Analysis reference	Fictional Analysis reference
Analysis owner	Fictional Analysis owner
Observation date	October 9, 2026
Population and method scope	Fictional Population and method scope
Population declaration	Selected records only

Review result

3 source-linked findings. 0 unresolved or undefined findings.

- For each stratum calculate $\text{ceil}(N z^2 p(1-p) \text{ divided by } (e^2(N-1) \text{ plus } z^2 p(1-p)))$, then apply the approved minimum without exceeding N. p and e are supplied percentages. Preserve each assumption and separate stratum. Flag planned expected positive or negative counts below 5. This normal-approximation planning calculation does not guarantee achieved coverage or model validity.

- Original sources remain unchanged. Displayed decimals use six places; decisions compare exact rational values.

Measure	Value
Source records	1
Approved rule records	1
Retained	2
Calculated	1

Evaluation sample plan

The first 25 calculated rows appear here. Each calculation preview is limited to 1000 characters. Complete rows and all exact source values remain in Excel and JSON.

Reference	Calculation
STRATUM1	stratum id STRATUM1; sample size 278; expected sample positive 139; expected sample negative 139; margin percent 5; z score 1.96; approximate confidence percent 95; model version FICTIONAL-1

Source-linked checks

The formal report shows at most the first 100 named check rows and 400 characters per displayed field. Complete values, result columns, sources and output are retained in the Excel and JSON files.

Reference	Result	Finding
Primary / 2	Calculated	Finite-population normal-approximation planning only. Expected cells below five require another approved design.

Unresolved items and limitations

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Limitations

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Official sources

Source	Provision	Date	Link
RFC Editor: Common Format and MIME Type for Comma-Separated Values Files	Supports source CSV mechanics only. Customer-approved factors, formulas, units, quotas, population and decision thresholds are not specified by this source.	October 9, 2026	https://www.rfc-editor.org/rfc/rfc4180
Penn State Department of Statistics: Confidence Intervals and Sample Size	Supports the stated normal-approximation finite-population formula only. Precision depends on a suitable complete sampling frame and assumptions. It does not validate an evaluation, customer quotas, actual coverage or a legal sample requirement.	October 9, 2026	https://online.stat.psu.edu/stat506/Lesson02