THE NULL INSTITUTE
INDEPENDENT RESEARCH / FINLAND

CAPABILITY BRIEF
NOVEMBER 2026

Research Services & Selected Work

Independent statistical analysis, research verification and focused evidence reviews for organisations, consultancies and editorial teams.

DATA ANALYSIS

Descriptive analysis, regression, survey weighting, uncertainty and sensitivity checks.

RESEARCH VERIFICATION

Reconstruct published results, inspect methods and test alternative specifications.

EVIDENCE BRIEFS

Focused work with primary datasets and source documents, with clear limitations.

TYPICAL OUTPUTS Short technical memo · tables and figures · traceable sources · reproducible code where feasible

SELECTED PUBLISHED WORK

OPEN REPORTS & METHODS

01 **16.41%**

Measurement choice and classification

Survey-weighted NHANES reanalysis of 6,100 US adults: first blood-pressure reading versus the mean of three placed 16.41% in different US categories. Not a misdiagnosis rate.

02 **2.33 → 1.10**

Reproduce first, then test again

Reconstructed an earlier NHANES mortality association and examined a later linkage. The adjusted hazard ratio fell from a published 2.33 to about 1.10; uncertainty remains.

03 **2005–06**

A possible error hidden in variable definitions

An audit of NHANES dietary variables found evidence consistent with likely double-counting of drinking water after a change in survey collection. Original author code was unavailable.

HOW WE WORK

Defined question and scope. Explicit assumptions, independent checks and a report that separates observations from interpretation. A null or inconclusive result is a valid result.

Research lead: Ilya Nikitin, Ph.D., Founder & Director. All three examples are institute-initiated investigations, not previous client engagements; they have not been externally peer reviewed.

DISCUSS A PROJECT **office@nullinstitute.org** nullinstitute.org/statistical-analysis-services/

ADDRESS Kappelikuja 6, 02200 Espoo, Finland