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Sustained cognitive decline cohort insights

SYNTHETIC SAMPLE | Invented records scored by the frozen model

Historical reference date: 2024-03-01

Retrospective sustained cognitive decline within 90 days

Your cohort at a glance

Mean model estimate

0.57%

Among 45 scored residents

Residents scored

45 / 50

90.0% of submitted residents

What this number means

The average model-estimated probability of sustained cognitive decline among scored residents. The initial change is recorded within 90 days and confirmed on both of the next two assessments. This synthetic cohort illustrates the report. Observed outcomes and clinical performance were not measured.

Who is represented

Cohort flow	Residents
Submitted	50
Excluded by overlap safeguard	0
Retained for eligibility assessment	50
Moderate impairment at baseline	5
Scored and included in the mean	45

Scored/submitted share describes cohort inclusion. The saved aggregate does not contain a score distribution or a measure of source completeness.

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Methods and traceability

Report identity	Value
Product	Gia Sustained Cognitive Decline Analytics
Model	run2ft7cw
Population	Historical skilled nursing cohort
Historical reference	2024-03-01
Event window	Days 1–90 after the historical reference date
Confirmation	Moderate or severe impairment on both subsequent consecutive assessments. Confirmation can occur after day 90.

Reading the results

Baseline severity uses the two or three most recent assessments strictly before the reference date. Eligible residents begin with intact cognition or mild impairment.

The recorded outcome requires moderate or severe impairment on the Cognitive Function Scale and statistically reliable worsening on the Brief Interview for Mental Status at the initial change.

The mean uses eligible residents who received a score and is withheld below 20 scored residents. Customer-population performance has yet to be established.

Report provenance

These identifiers come from the verified frozen model run on the invented records.

Saved field	Value
Model	run2ft7cw
Output	5 · Sustained cognitive decline
Original report SHA-256	450a803702075b1ce930f2fbf2c7b847d775d3fca70160f57d3648f778956efa
Synthetic cohort SHA-256	49906a5518109a4bae58e71a81abcb9de52c91f21e95e6dccafd41d43a8f8bbf
Backbone SHA-256	114cb71171540ed6a271d1c758690573acd7727b4bf32aafc9ecb4c8cd6bbc5b
Head SHA-256	e4d8c4973adde81fa5a04b61f460ddef845436d7cab0653375bf87573e4b0caf
Maps SHA-256	430a5849c63fd145b50a9483710cff8e037f8da2fbfd40ca1d25cef6c5076ba1
Vocab SHA-256	e002a70e9f1380464d0f57a06e91710e2ee08c53b873a03ab31737678e9a0ee2

The aggregate summarizes model estimates across the scored cohort. It contains no resident-level findings or uncertainty interval.