

METHODS NOTE · Peer-reviewed · Published · Live dashboard figures

A Stochastic Approach to LDL-C Intensification

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Methods Note · Volume 1

Published 2025-12-09 · Diamond open access · CC BY 4.0

Article 11 · Volume 1 · Published 2025-12-09 · DOI: not assigned

KEY WORDS LDL-C; lipid intensification therapy; clinical benefit

Abstract

The transition from general guidelines to precision cardiovascular medicine requires tools that can model individual biological variance. This paper outlines the methodology of LipidLogic Pro v2.1, a simulation engine for predicting Absolute Risk Reduction (ARR) and Number Needed to Treat (NNT) following intensified lipid-lowering therapy. The engine utilizes a kinetic-based meta-regression approach derived from the Cholesterol Treatment Trialists' (CTT) Collaboration.

Interactive dashboard figures

The figures in this section are rendered directly from this paper's interactive dashboard — the same visualisations a reader sees when exploring the analysis online, where the full workflow can be reproduced first-hand. **Interactive dashboard:** <https://mahmood726-cyber.github.io/Lipid/>

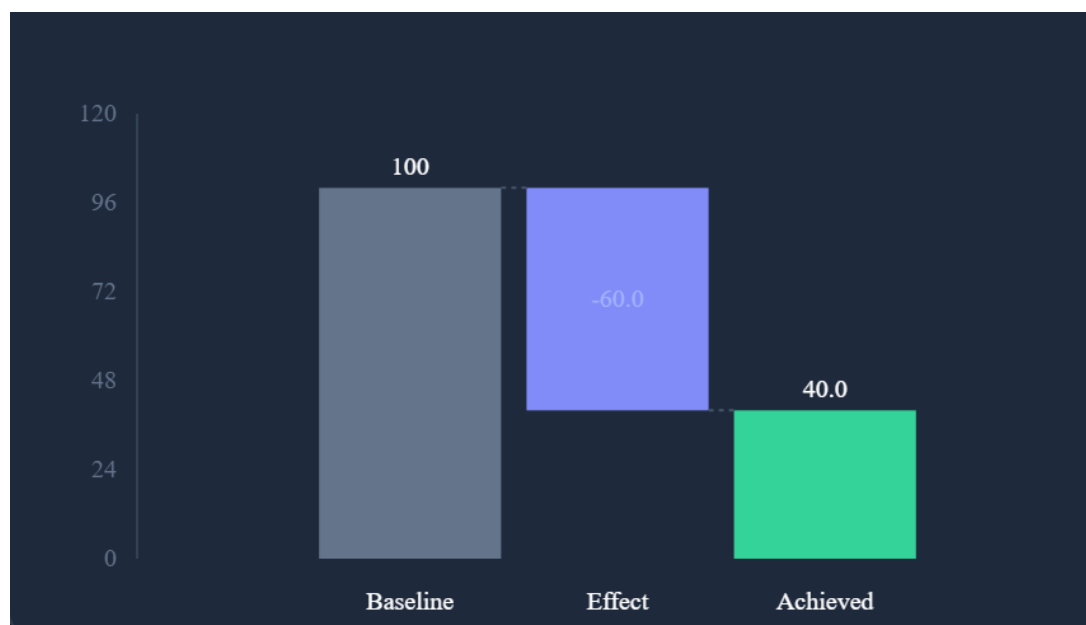


Figure 1. LipidLogic Pro v2.1 Rendered directly from the article's live interactive dashboard.

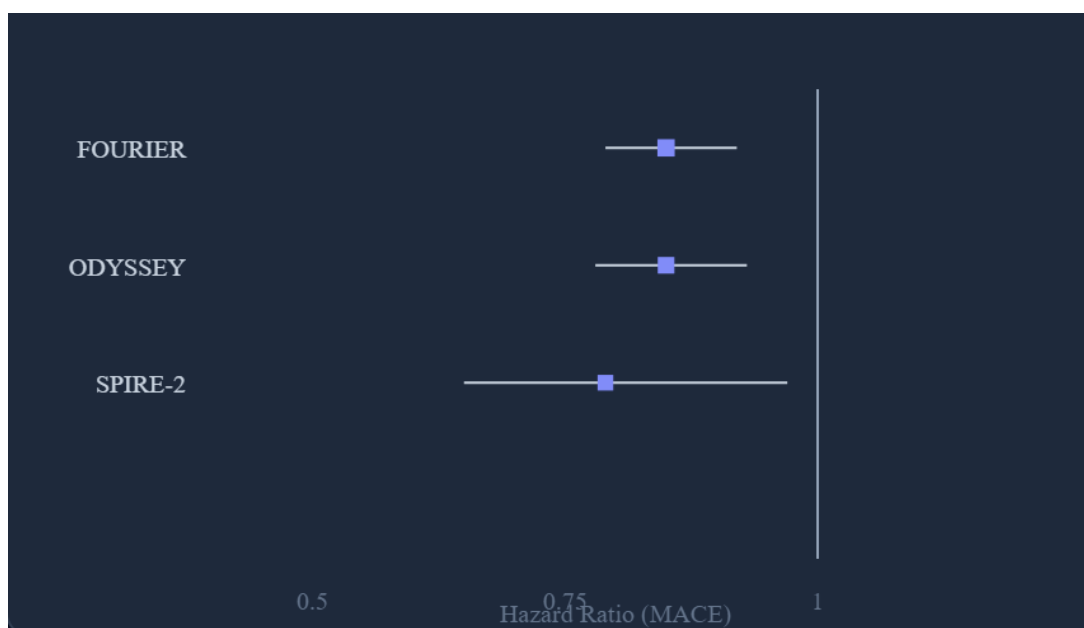


Figure 2. LipidLogic Pro v2.1 Rendered directly from the article's live interactive dashboard.

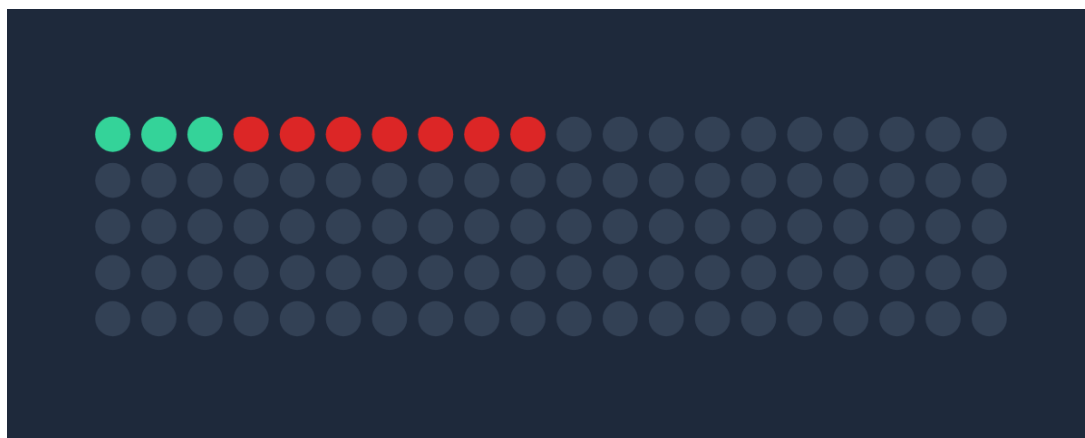


Figure 3. Dashboard figure 3 Rendered directly from the article's live interactive dashboard.

HOW TO CITE

Khaing Mar Lwin, Ata Ul Hayee Sohail, Mahmood Ahmad & Oluwatomi Naomi Olukoya. A Stochastic Approach to LDL-C Intensification. *Synthesis*. 2026;3(1). Article 11. Available at <https://synthesis-medicine.org/index.php/journal/article/view/11>. Licensed under CC BY 4.0. DOI: not assigned.

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Published in *Synthesis*

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