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

A Stochastic Approach to LDL-C Intensification

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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/

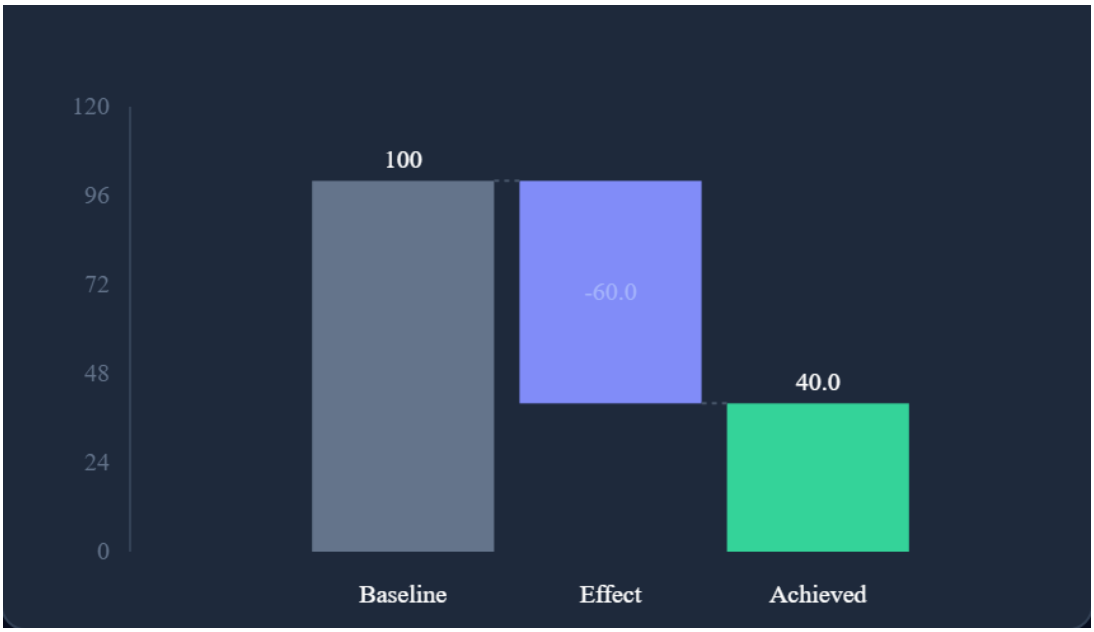

Figure 1. LipidLogic Pro v2.1 Rendered directly from the article's live interactive dashboard.

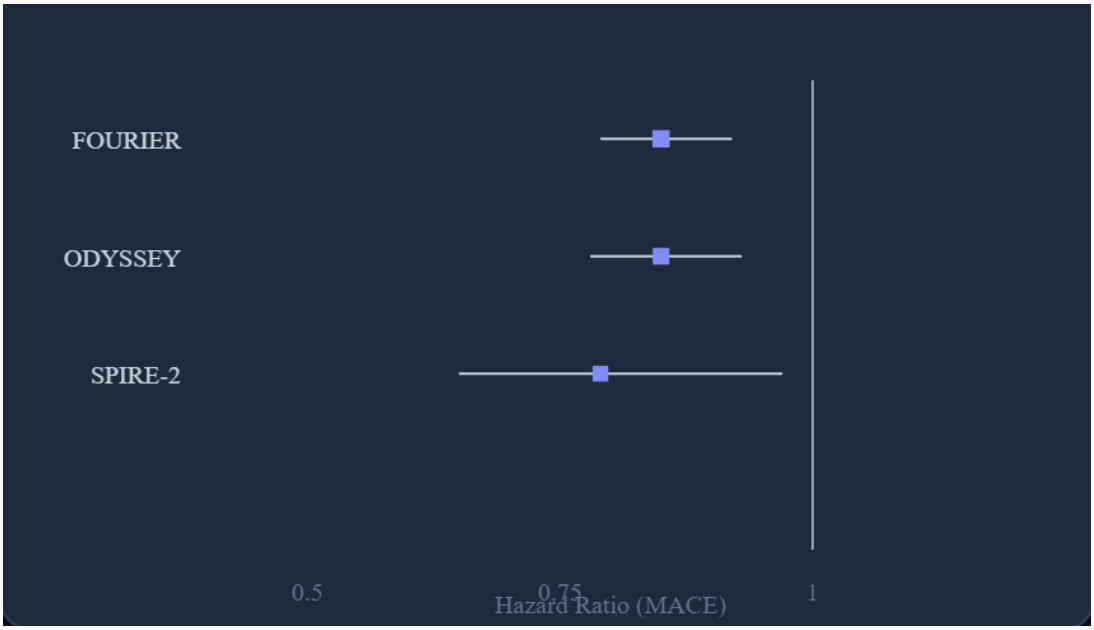

Figure 2. LipidLogic Pro v2.1 Rendered directly from the article's live interactive dashboard.

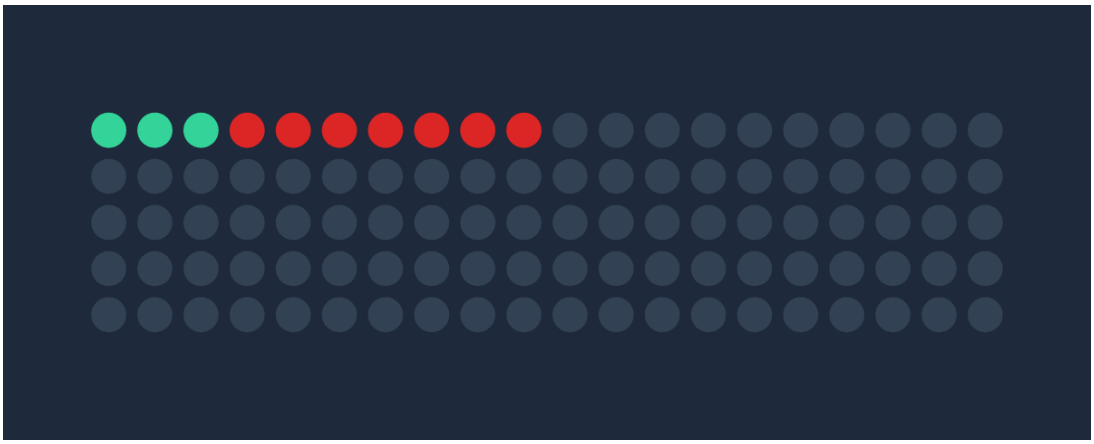

Figure 3. Dashboard figure 3 Rendered directly from the article's live interactive dashboard.

HOW TO CITE

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Reproducibility & data provenance. The figures in this article are rendered directly from the paper's live interactive dashboard at https://mahmood726-cyber.github.io/Lipid/, where the complete analysis — data, methods and every estimate — can be explored and reproduced. This open path from published figure back to the underlying analysis is part of how the journal works. The article's text, authors, abstract, issue and licence follow the journal's published record.

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