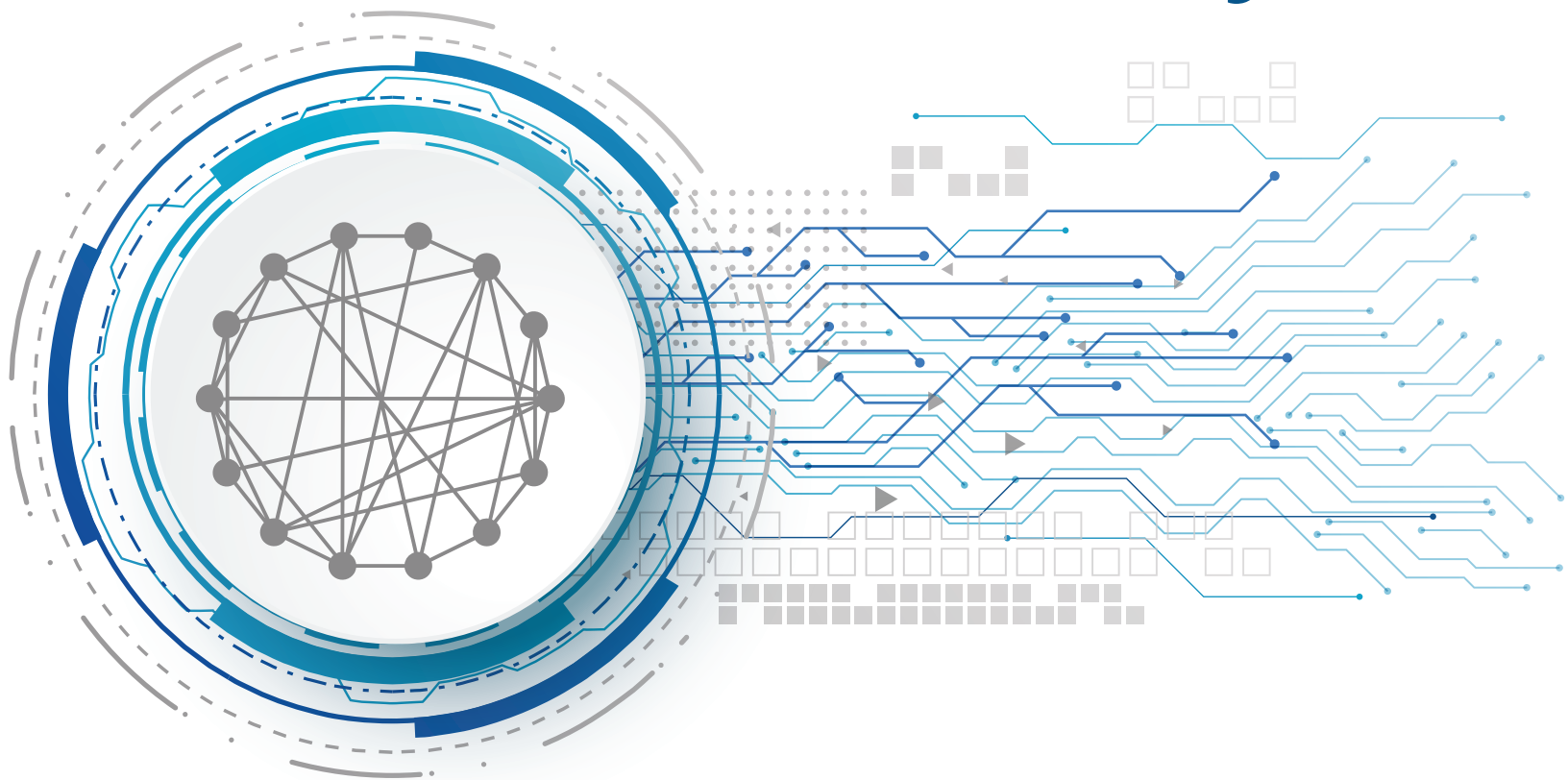


**USE CASE**



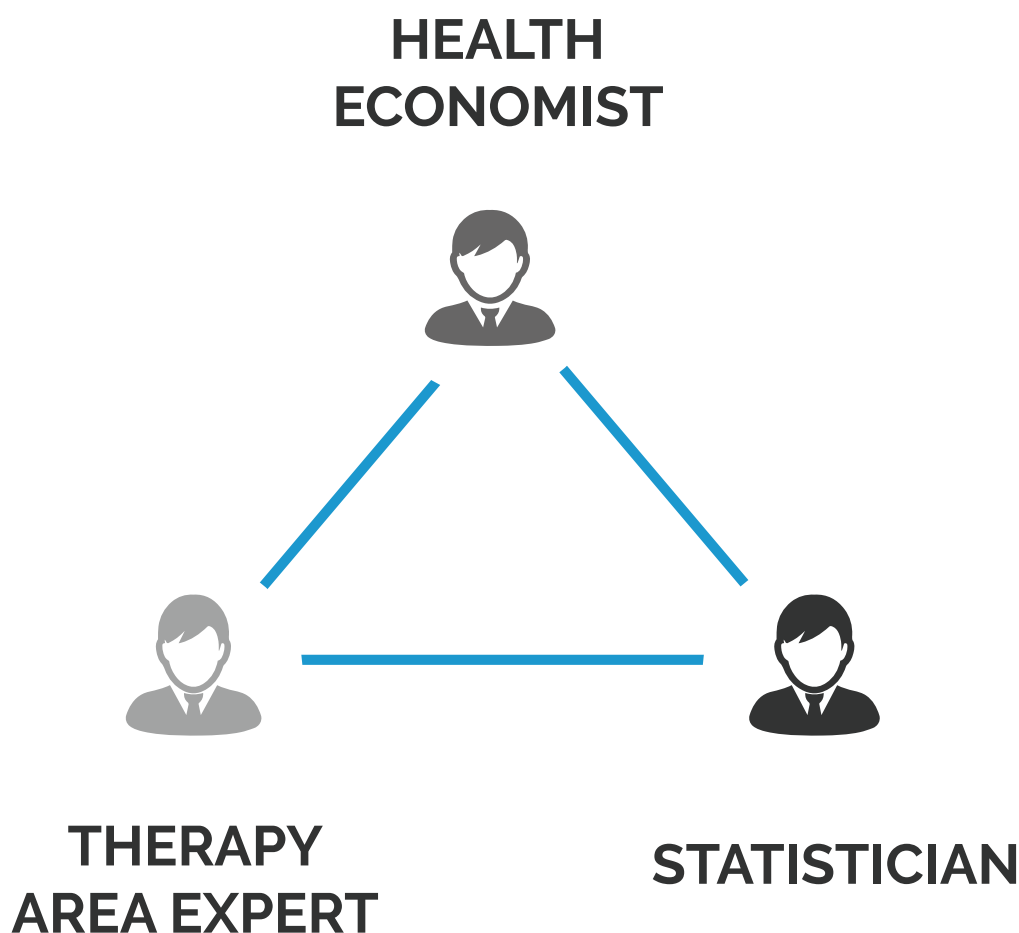
excelra

# Network Meta-analysis



## OBJECTIVE

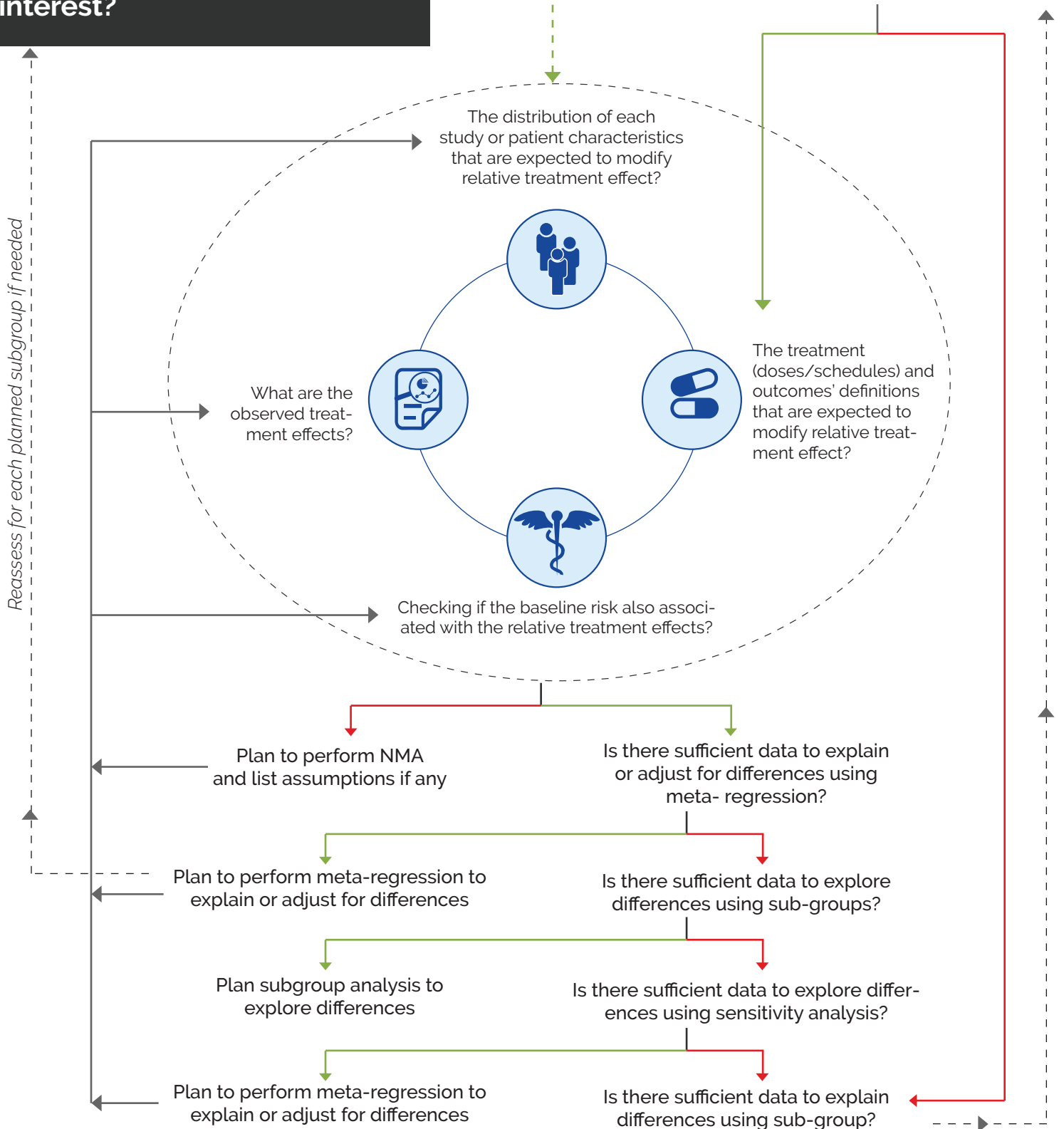
We elucidate Excelra's step-wise approach, as per standardized guidelines, to outline a general process for assessing the feasibility of performing a valid network meta-analysis (NMA) of randomized controlled trials (RCTs) to synthesize direct and indirect evidence for alternative treatments for a targeted disease population.



# METHOD

Is there a connected network comparing the treatments of interest for the outcome of interest?

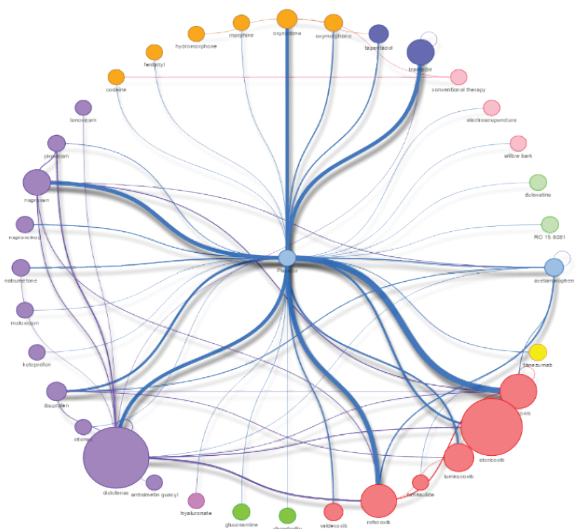
Can treatments and outcomes be grouped or can the relationship between treatments and outcomes be captured by the model?



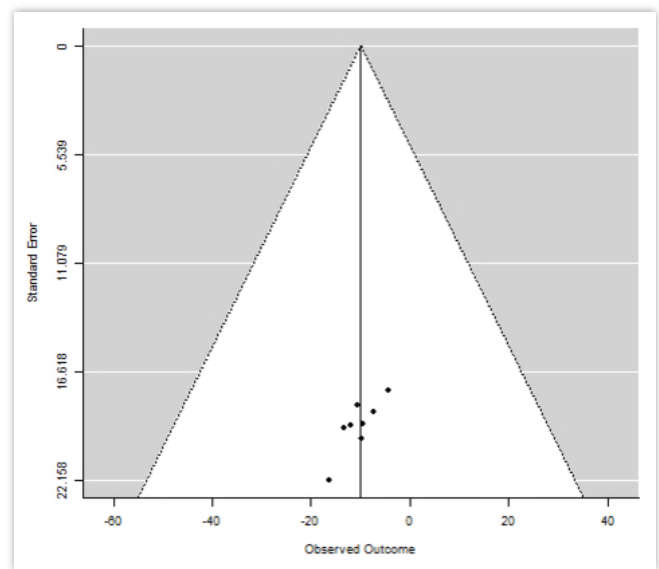
# OUTCOMES

The results of the comparison are published and communicated through Forest plots, and quality of the studies through Funnel plots.

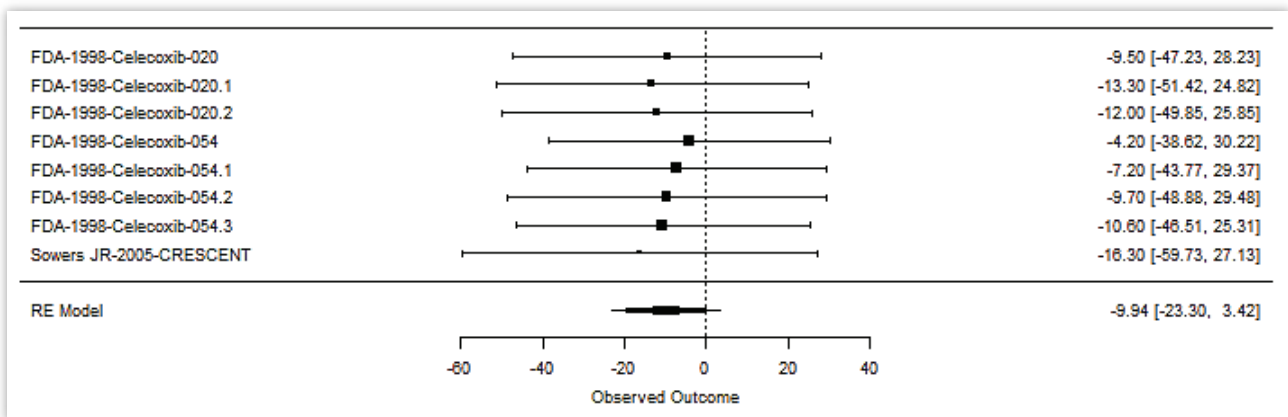
The NMA model is used for assessing the outcomes of the intervention when head-to-head comparison is not available.



*Living network diagrams*



*Funnel plot for bias estimation*



*Forest Plot with a point estimate*