

Sequential Analysis

Fixed RR and known baseline

Any RR > 1, unknown risk

SPRT

MaxSPRT

Concave
Early signaling

Convex
Delayed signaling

Time-to-event data, exposure count, and sufficient background info, constant expected count

Insufficient background info, variance in expect event rate, expected count conditioned on observed events

Case based, Self-controlled, matched cohort with binary outcome (event, no event)

Optimized ESS

Optimized ETS

Alpha Spending

Alpha Spending

pMaxSPRT

cMaxSPRT

bMaxSPRT

Parameters

Parameters

Comparator Rate

Risk-window slicing

Delay adjustment

Contemporary observed events

Concurrent Controls

Adjustment

Adjustment

Historical rate of incidence

Treatment seeking trend

Historical PST

Contemporary PST

Exposed Person-Time

Exposure Count