

Case Study B

Pain Relief Medication

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First objective

*Determine the minimum dosage amount of the drugs that achieves **efficacy**.*

The dosage of a drug is said to be **efficient** if at least 50% of the subjects are responding.

Second objective

*Detect whether a **synergy** exists between the two drugs.*

If the combined efficacy of the two drug dosages is greater than the sum of the individual efficacy of each drug for its respective dosage, there is **synergy**.

Identifying synergy with the isoboles method