

Define the SUSY hypothesis

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graph TD; A[Define the SUSY hypothesis] --> B[Construct the signal-enriched region]; B --> C[Estimate the Standard Model background processes]; C --> D[Assess the effect of systematic uncertainties]; D --> E[Perform a hypothesis test: Can we reject SUSY?];
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Construct the signal-enriched region

Estimate the Standard Model background processes

Assess the effect of systematic uncertainties

Perform a hypothesis test: Can we reject SUSY?