

First Mass Scan

• Squarks 100 GeV lighter than Gluino.

• LSP 127 GeV (SM Higgs plus a bit) lighter than NLSP.

• Squarks in 50 GeV steps from 1000 to 2000.

• LSP in 50Gev steps from 3 to 853.

- When $M_{sq}=1000$ and $M_{LSP}=853$, we only have 10GeV between gluino and squark, and 20GeV between Squark and NLSP...

• This could give us low MET and low HT.

• Then also scan in styles of other points — P3, P5, P7.

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First Mass Scam

• LSP 127 GeV (SM Higgs plus a bit) lighter than NLSP.

• When $M_{sq} = 10000$ and $M_{LSP} = 853$, we only have 10GeV between gluino and

s quark, and 20 GeV between s quark and NLSF.