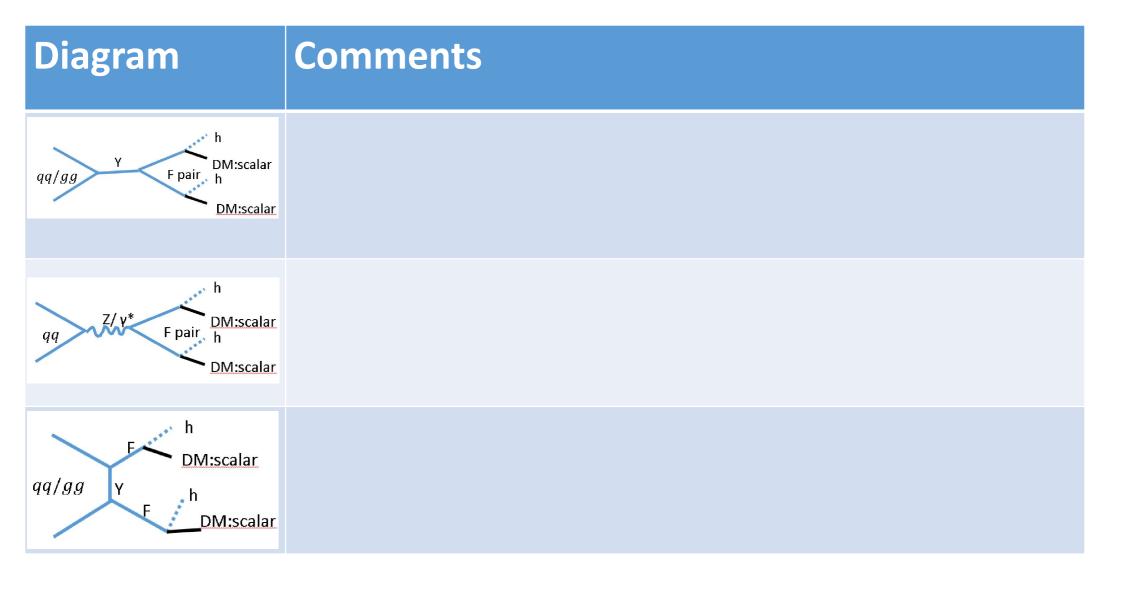
#### Full model

model	results
Minimal B-L	H2 as intermediate:  1.MH2 <1TeV, not boosted enough Zp as intermediate:  Cross-section*Br might be higher
BLSSM	Higher Cross-section*Br
MSSM	p p > chi2 chi3 > chi1 h chi1 h Cross-section*Br ~ 0.1fb

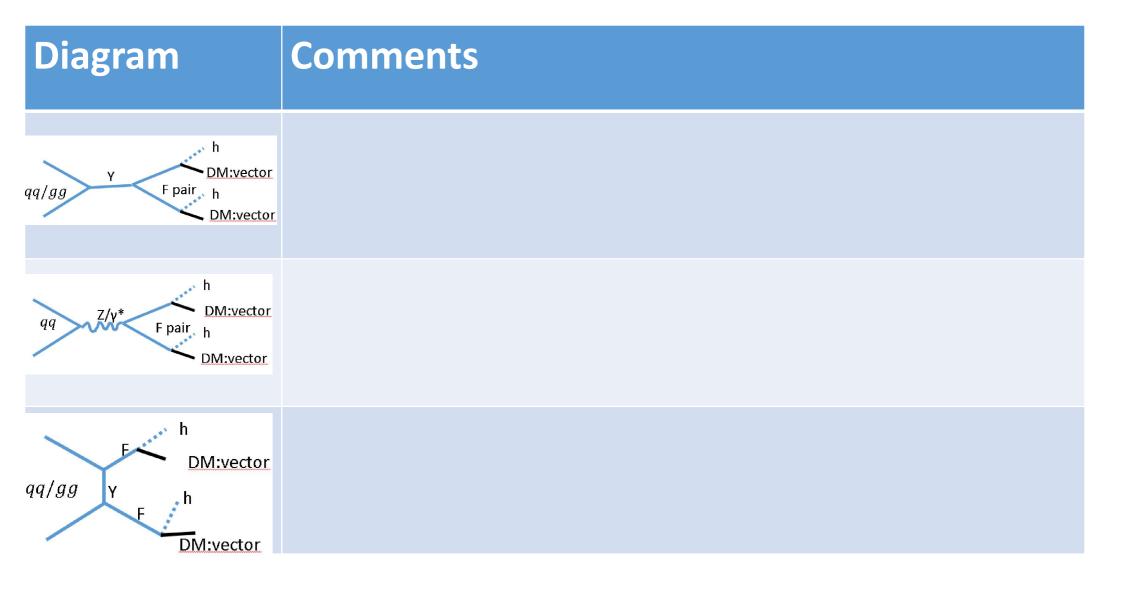
# Previous comments from Sasha

Diagram	Comments
qq/gg Y F pair h	F stands for <b>F</b> ather of higgs Y = scalar F=fermion
•	Parameter: mass Y, mass F, width Y
qq Z/y* F pair h	F = fermion Low cross-section Parameter: mass F
qq/gg Y h	<pre>qq: Y = scalar or vector (color triplet ) gg: Y = F = fermion with color  Parameter: not determined</pre>

## Undecided



# Undecided



## Undecided



#### Plans:

- Validation & benchmark
- Theoretical paper ?
- Report in LHC DM forum?