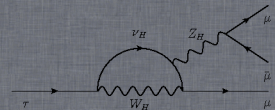
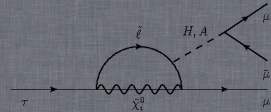
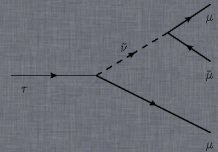
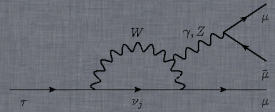


Thoughts on $\tau \rightarrow \mu\mu\mu$

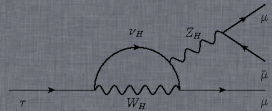
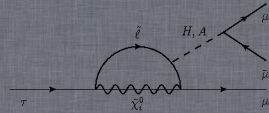
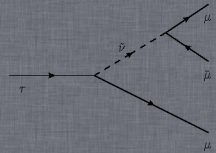
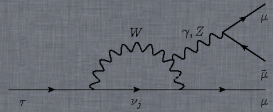
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12 March



Possible improvements



What would I like to focus on

- Investigate a new MVAs: NeuroBayes, MatrixNet (see Eduardos talk).
- Produce $D_S \rightarrow \eta\mu\nu$ for background studies.
- Do we stick to CLs method? Highland-Cousins, pure Bayesian? We would need to be sure about the background.
- Combining limits(already done for other studied can be reused).
- Could it be possible to take $\tau\tau$. You can use the fact they are produced back to back. Jet tags needed.

What would I like to focus on

- Separate classifiers for different origins of τ s?
- τ polarization problem?
- Intelligent binning?
- Separate classifiers for 2012 and 2011?

