

# Personal contribution to the thesis analysis

## Inclusive squark/gluino 1L analysis (Nov. 2015 -)

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### Publication

- CONF note for ICHEP 2016, (14.8 fb<sup>-1</sup> , [CONF](#) / [INT](#))
- 2015+2016 paper (36.1 fb<sup>-1</sup> , [Paper](#) / [INT](#))

### Contribution to ICHEP analysis

- FAR talk ([Link](#)).
- Study on origin of missing lepton and lepton veto ([Link](#)).
- Extensive investigation into Ttbar modeling ([Link1](#) [Link2](#)).
- Check on events in unblinded signal regions ([JIRA](#)).

### Contribution to the 2015+2016 paper

- **Development of new data-driven method (“Obj. replacement method”).** ([Link1](#), [Link2 p9-13](#))
- Study on overlap removal. ([JIRA](#))
- Study on bveto/btag categorization of SRs. ([Link](#))