The LaTeX report

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> **E. Conte, B. Fuks and G. Serret**,
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> arXiv:1206.1599 [hep-ph].

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Contents

1 Setup

1.1 Command history

```
 ma5>set main.fastsim.package = fastjet
ma5>set main.fastsim.algorithm = antikt
ma5>set main.fastsim.ptmin = 5
ma5>set main.fastsim.radius = 0.5
ma5>set main.outputfile = sgluon800_8TeV.lhe
ma5>import /Users/lb8075/MG5_aMC_v2_1_2/my_sgluon_400/Events/run_05_800/tag_1_pythia_events
ma5>submit
```

1.2 Configuration

- MadAnalysis version 1.1.12.01 (2014/07/24).
- Histograms are not scaled.

2 Datasets

2.1 defaultset

- Samples stored in the directory: /Users/lb8075/madanalysis5 .
- Sample consisting of: signal events.
- Generated events: 10000 events.
- Normalization to the luminosity: 0+/- 0 events.
- Ratio (event weight): 0.0 .

Path to the event file	Nr. of events	Cross section (pb)	Negative wgts (%)
/Users/lb8075/- MG5_aMC_v2_1_2/- my_sgluon_400/- Events/run_05_800/- tag_1_pythia_events.hep.gz	10000	2.19e-05	0.0