



ATLAS NOTE

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Using the Recursive Jigsaw to find SUSY in the ATLAS detector

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The ATLAS Collaboration

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Abstract

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This is a bare bones ATLAS document. Put the abstract for the document here.

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7 **Contents**

8	1 Introduction	2
9	1.1 Recursive Jigsaw variables	2
10	2 Description of background and signal samples	2
11	3 Object definitions and event selection	2
12	4 Standard Model background estimation	2
13	5 Background-only fits and expected sensitivity	3
14	6 Appendix: Technical implementation of analysis model	3

15 **1 Introduction**

16 General analysis overview, strategy, signals of interest, timeline.

17 **1.1 Recursive Jigsaw variables**

18 Development of Razor variables [1]. Briefly: idea, variables (being used), etc. References.

19 **2 Description of background and signal samples**

20 **3 Object definitions and event selection**

21 Describe object definitions (baseline and signal), overlap removals, and event cleaning/selections. Includ-
22 ing trigger.

23 **4 Standard Model background estimation**

24 Q: Do we need to include Higgs in SM samples? Xsec relevant for this analysis?

25 **5 Background-only fits and expected sensitivity**

26 **6 Appendix: Technical implementation of analysis model**

27 **References**

28 [1] C. Rogan, [arXiv:1006.2727](#).

29 **List of contributions**

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