

SAUNAS: III. X-ray Scaling Relations of Diffuse Hot Gas Galactic Halos^{*}

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ABSTRACT

Put the abstract here. ANother sentence here.

1. BACKGROUND

Here is the intro section ([Aguerri et al. 1998](#); [Bell et al. 2006b,a](#)).

The first sentence in the intro!

The second sentence in the intro. a 3rd sentence in the background.

Here is a mistake.

Wait, there is no mistake here anymore!

1.1. *Motivation*

The first sentence under motivation. ([Bernardi et al. 2006](#))

Third sentence right here right NOW!!

4th sentence

5th sentence here

1.1.1. *Goals*

First sentence in this section underneath Goals.

2. METHODS

First sentence in methods section.

2.1. *UnderMethods*

This sentence is in a subsection.

2.1.1. *Under-underMethods*

This sentence is in a sub sub section!

2.2. *another one*

Yep, we just made another one.

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2.2.1. *new addition*

We just added another subsubsection

Facilities: Chandra

Software: CIAO, LIRA, VorBin

REFERENCES

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| <p>Aguerri, J. A. L., Beckman, J. E., & Prieto, M. 1998, AJ, 116, 2136, doi: 10.1086/300615</p> <p>Bell, E. F., Phleps, S., Somerville, R. S., et al. 2006a, ApJ, 652, 270, doi: 10.1086/508408</p> <p>Bell, E. F., Naab, T., McIntosh, D. H., et al. 2006b, ApJ, 640, 241, doi: 10.1086/499931</p> | <p>Bernardi, M., Nichol, R. C., Sheth, R. K., Miller, C. J., & Brinkmann, J. 2006, AJ, 131, 1288, doi: 10.1086/499522</p> |
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