# SAUNAS: III. The X-ray Scaling Relations of Diffuse Hot Gas Galactic Halos\*

Alejandro S. Borlaff<sup>1</sup> and Pamela M. Marcum<sup>2</sup>

<sup>1</sup>Bay Area Environmental Research Institute, Moffett Field, CA 94035, USA

<sup>2</sup>NASA Ames Research Center, Moffett Field, CA 94035, USA

### 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.

<sup>\*</sup> Released on May, 11th, 2023

## 2.2.1. new addition

We just added another subsubsection

Facilities: Chandra

Software: CIAO, LIRA, VorBin

## REFERENCES

Aguerri, J. A. L., Beckman, J. E., & Prieto, M. 1998, AJ, 116, 2136,

doi: 10.1086/300615

Bell, E. F., Phleps, S., Somerville, R. S., et al. 2006a, ApJ, 652, 270,

doi: 10.1086/508408

Bell, E. F., Naab, T., McIntosh, D. H.,

et al. 2006b, ApJ, 640, 241,

doi: 10.1086/499931

Bernardi, M., Nichol, R. C., Sheth, R. K.,

Miller, C. J., & Brinkmann, J. 2006,

AJ, 131, 1288, doi: 10.1086/499522