Toy dynamos follow the current they're fed; nothing in this silent abstract is galactic

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A student exercise on toy dynamos, not evidence of a galactic cause

Anna Dornhaus

1 page
Length of paper

240 of 240
Words in abstract (100-250 words)

61%
Text in abstract (40-50% is typical)

Abstract

Author's use of 'we': exactly two

We have found that the majority of papers in Nature Human Behaviour use no first person pronouns in the abstract. When they do, they use 'we' (for example, 'We find that...'). Rarely, 'I' is used, and sometimes 'our' or 'us'. Here, I show that the abstract of this paper contains exactly two 'we's and no other first person pronouns.

Number of times 'toy dynamo' appears in abstract: 0

Here I show that the abstract of this paper does not contain the phrase 'toy dynamo'.

Number of times 'galactic' appears in abstract: 0

Here I show that the abstract of this paper does not contain the word 'galactic'.

Number of times 'silent' appears in abstract: 0

Here I show that the abstract of this paper does not contain the word 'silent'.

Number of times 'abstract' appears in abstract: 1

Here I show that the abstract of this paper contains the word 'abstract' exactly once.

Publication info

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One page, for a 17-minute talk at a student abstract symposium

The PhD Pet Rescue linked to the digital abstract of a talk by Lara Kaune and Lisa Hoffmann, who presented their research at the Student Abstract Symposium at the Royal Astronomical Society's National Astronomy Meeting (NAM) 2017 in Manchester, UK, on Monday 17th April 2017. Kaune and Hoffmann are PhD students at the University of Manchester and the TUOR (Technische Universität Dortmund and Ruhr-Universität Bochum) respectively. Kaune's abstract, titled "Constraining the Galactic Dynamo Using Magnetic Pitch Angle Measurements of Spiral Arms", was selected as the winner of the Student Abstract Symposium.

The abstract, in its authors' words



Lara Kaune, PhD student at the University of Manchester, at the Royal Astronomical Society's National Astronomy Meeting (NAM) 2017 in Manchester, UK, on Monday 17th April 2017.

Kaune and Hoffmann

"A full sized orbit is averaged additional several centuries."

Kaune and Hoffmann

Hoffmann: A different dynamo model is used for each galaxy, and the second by correcting the flow velocities for the galaxy's rotation.

Kaune and Hoffmann

What it doesn't contain

Here I show that the abstract of this paper does not contain the word 'galactic'.

Number of times 'galactic' appears in abstract: 0

Here I show that the abstract of this paper does not contain the word 'silent'.

Number of times 'silent' appears in abstract: 0

Read fairly

Here I show that the abstract of this paper contains the word 'abstract' exactly once.

Number of times 'abstract' appears in abstract: 1

Dedicated

Here I show that the abstract of this paper contains exactly two 'we's and no other first person pronouns.

Number of times 'we' appears in abstract: 2

Where it appeared

Here I show that the abstract of this paper contains the phrase 'toy dynamo' exactly once.

Number of times 'toy dynamo' appears in abstract: 1

Which papers to be "super-citizens"

The abstract doesn't contain a 'Cue' for Machine Learning to pick up on, but it does contain a 'Cue' for Human Readers: the phrase 'We find that'. Here I show that the abstract of this paper contains the phrase 'We find that'. The abstract contains exactly one 'We find that'. Here I show that the abstract of this paper contains exactly one 'We find that'.

Number of times 'We find that' appears in abstract: 1

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