IA-PUC astro-ph history:

A statistical analysis of the last ~6 years

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Disclaimer:

This presentation will show the analysis of publicly available data through the last 2194 days (or ~6 years) and will not contain personal opinions.

Your feedback in this analysis is welcome and valuable. Please ask any questions you want :)

Motivation:

Interesting (at least for me) dataset that can contain trends and habits of the daily astro-ph.

My astro.puc mail contains more than 13500 mails (32 sent) which 1400 comes from the astro-ph.

It is a challenging data analysis due to inhomogeneities.

Context:

Subject: astro-ph Tuesday 27 August 2013
From: "Mia Bovill" <msbovill@astro.puc.cl>
Date: Mon, August 26, 2013 7:18 pm
To: todos@astro.puc.cl
Priority: Normal
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Hola todos,

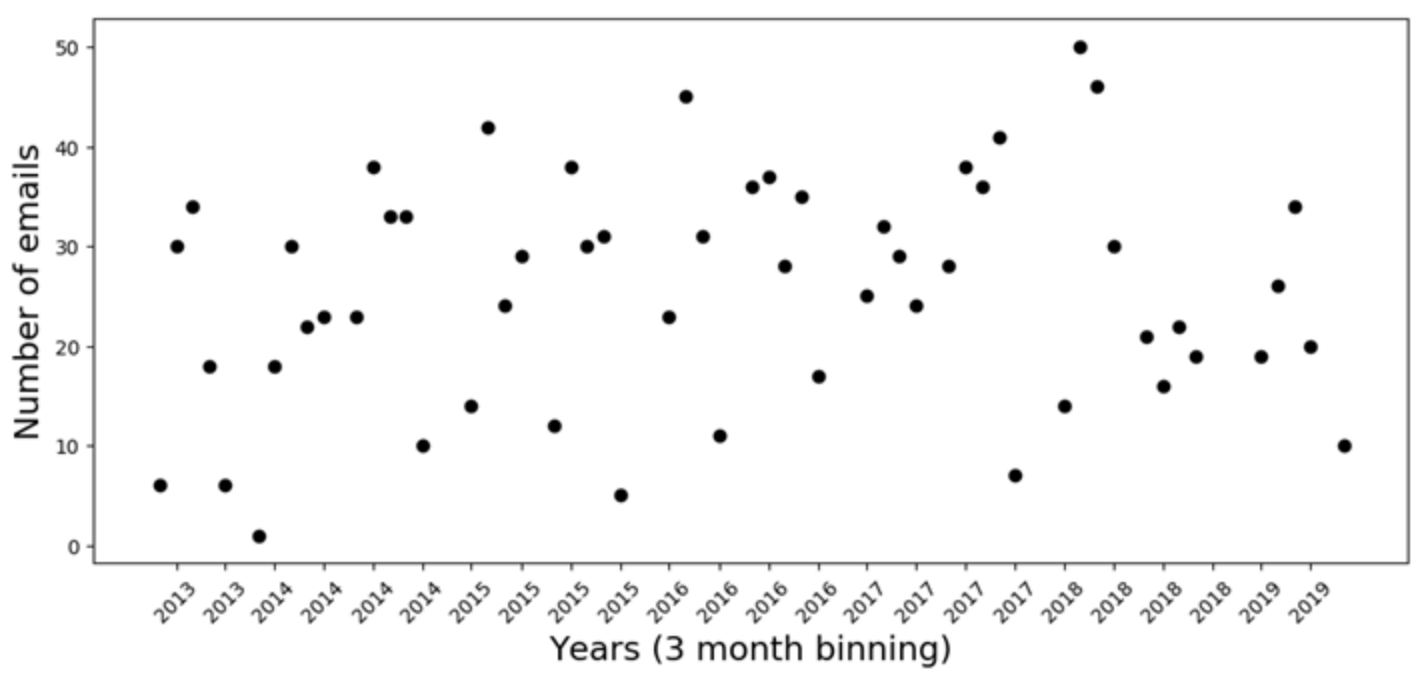
Astro-ph tomorrow will include two papers. There is space for another paper, please
let me know if you are interested in presenting something.

Cheers,
Mia

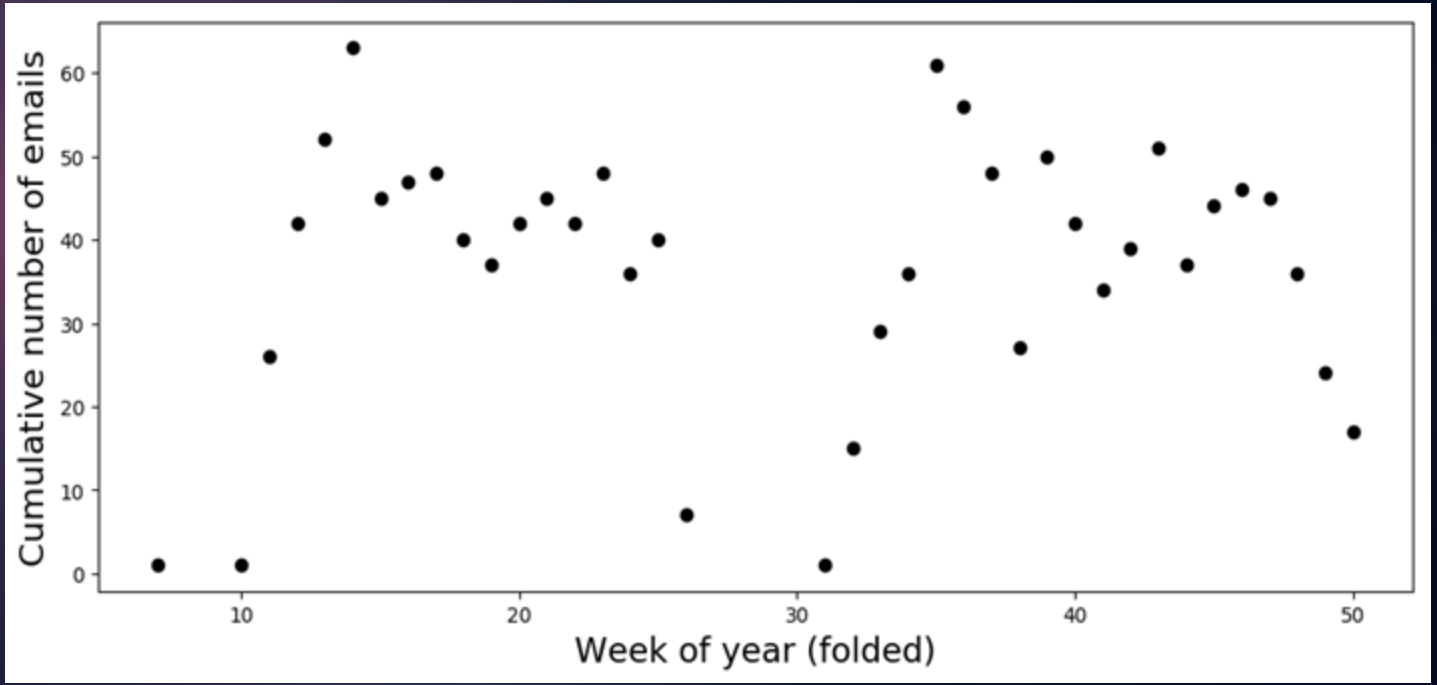
Particle-physics constraints from the globular cluster M5: Neutrino Dipole Moments
http://arxiv.org/abs/1308.4627
presented by: Nicolas Viaux

One more neighbor: The first brown dwarf in the VVV survey
http://arxiv.org/abs/1308.3216
presented by: Juan Carlos Beamin

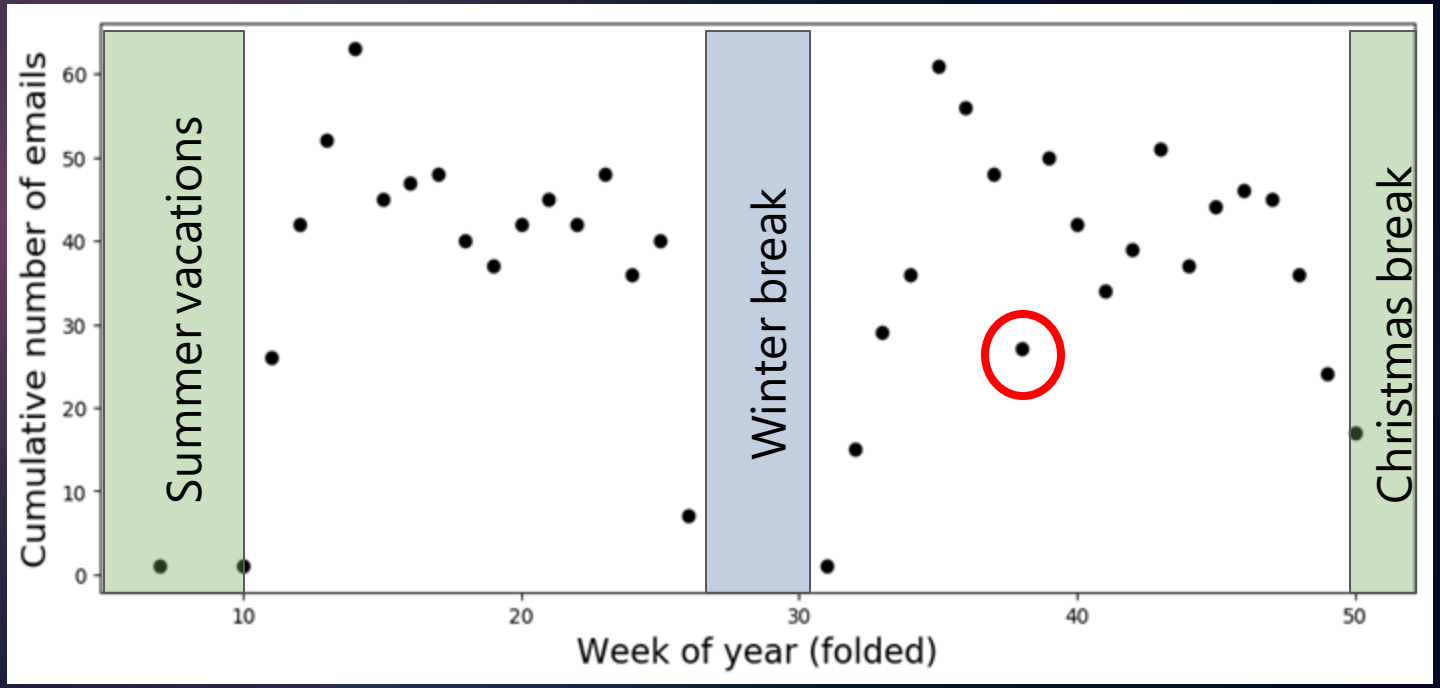
Interesting results: frequencies



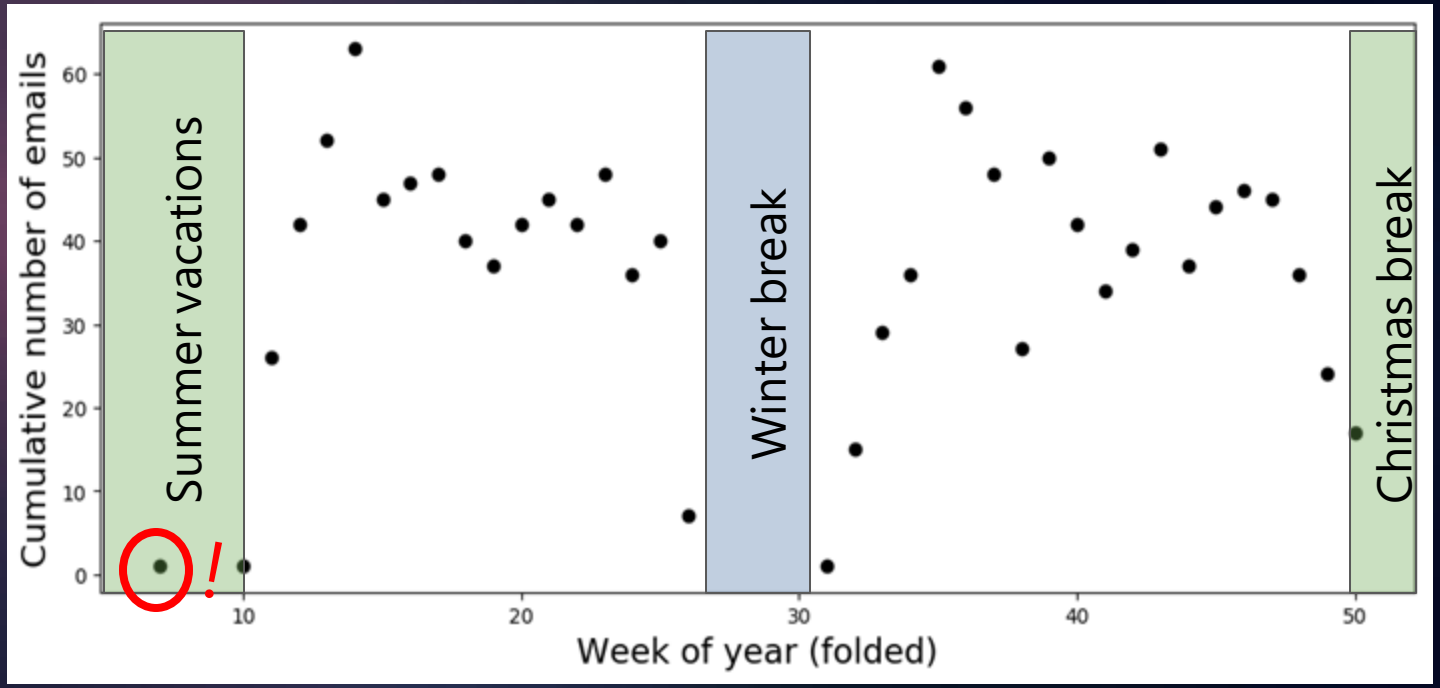
Interesting results: periodic signal ~28 weeks



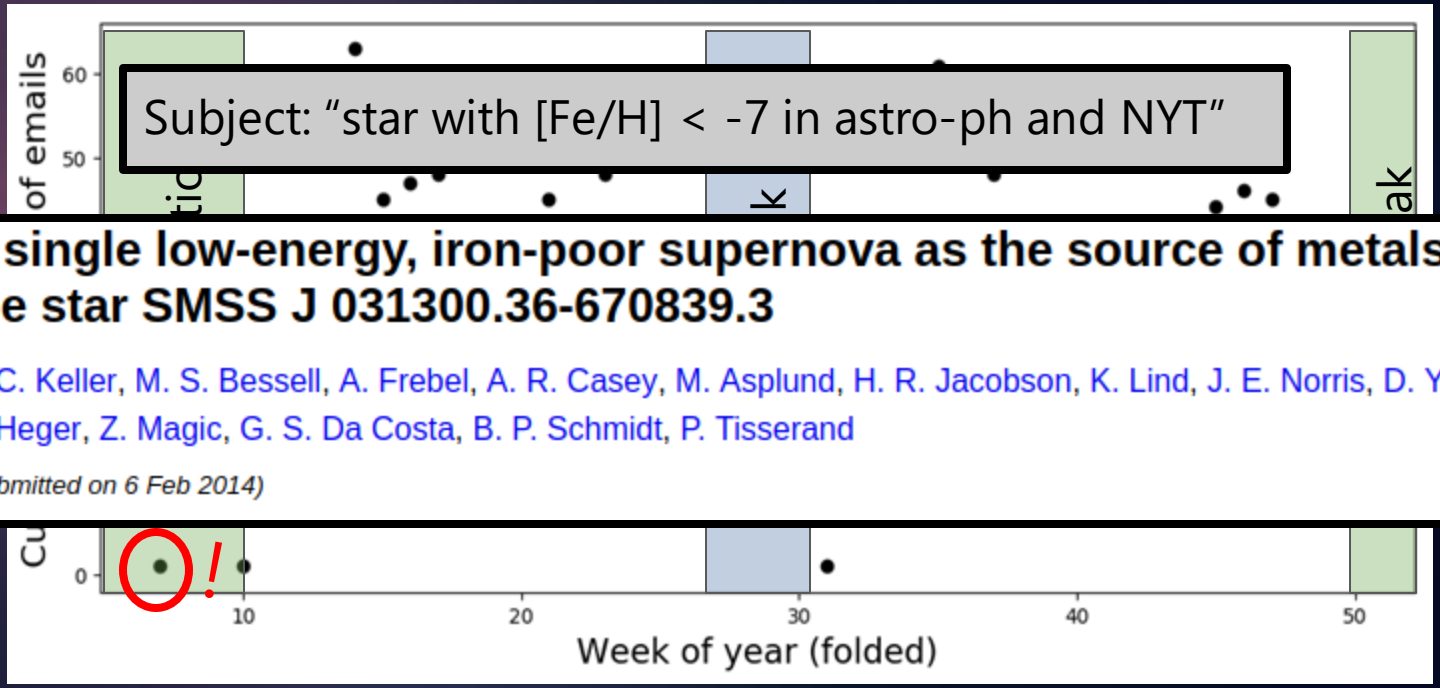
Interesting results: holidays



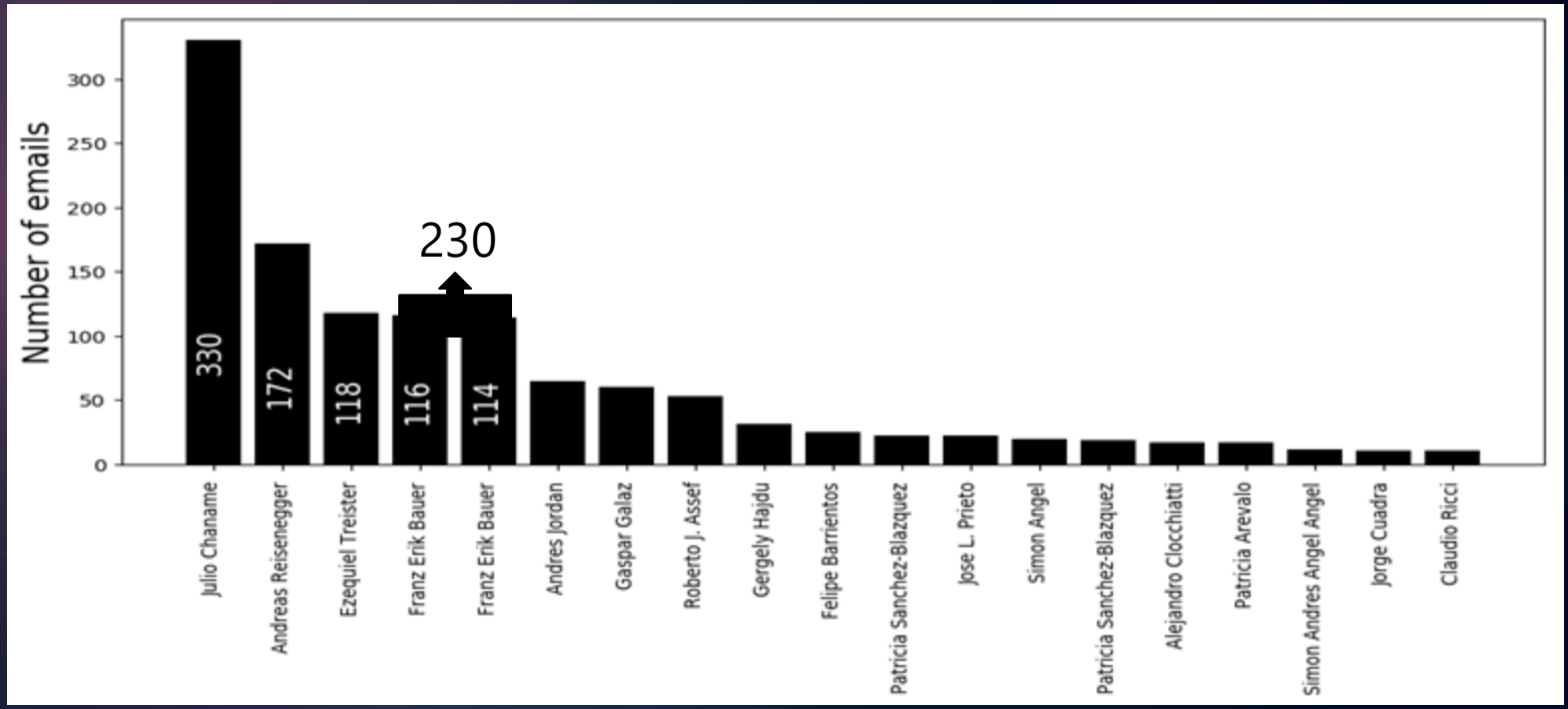
Interesting results: holidays



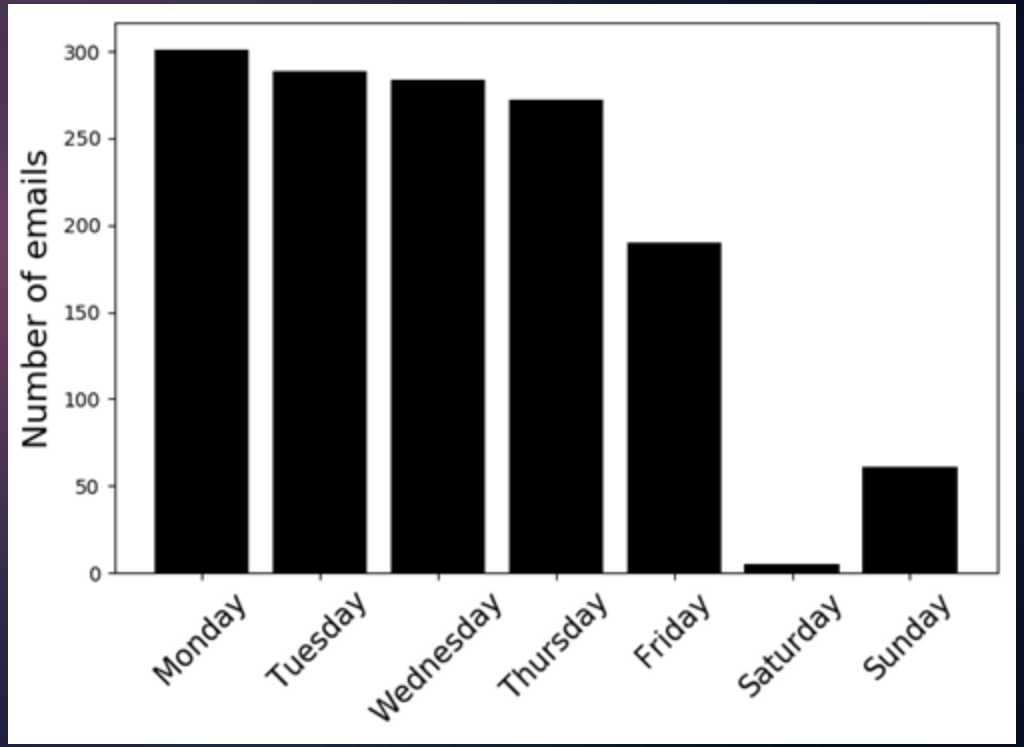
Interesting results: holidays



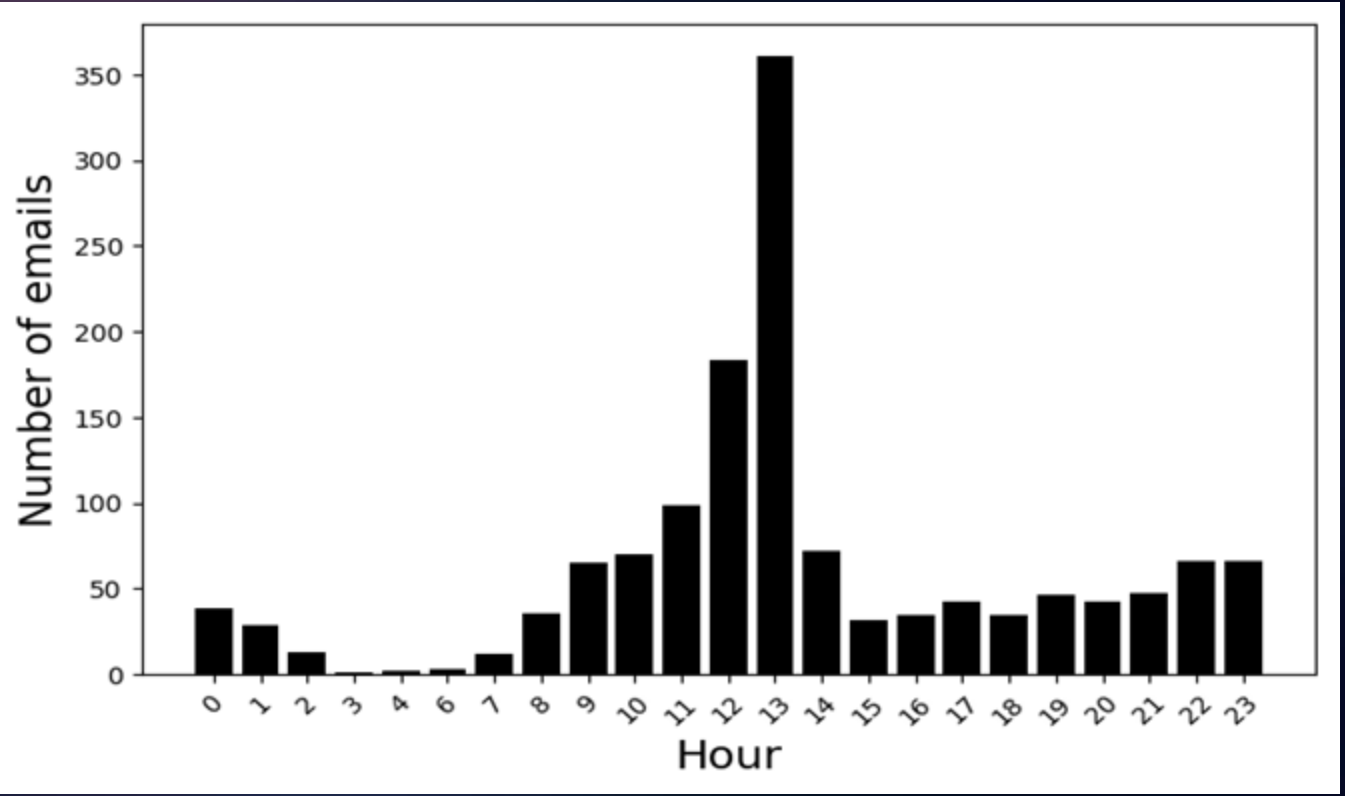
Interesting results: host appearances



Interesting results: daily distribution



Interesting results: daily distribution



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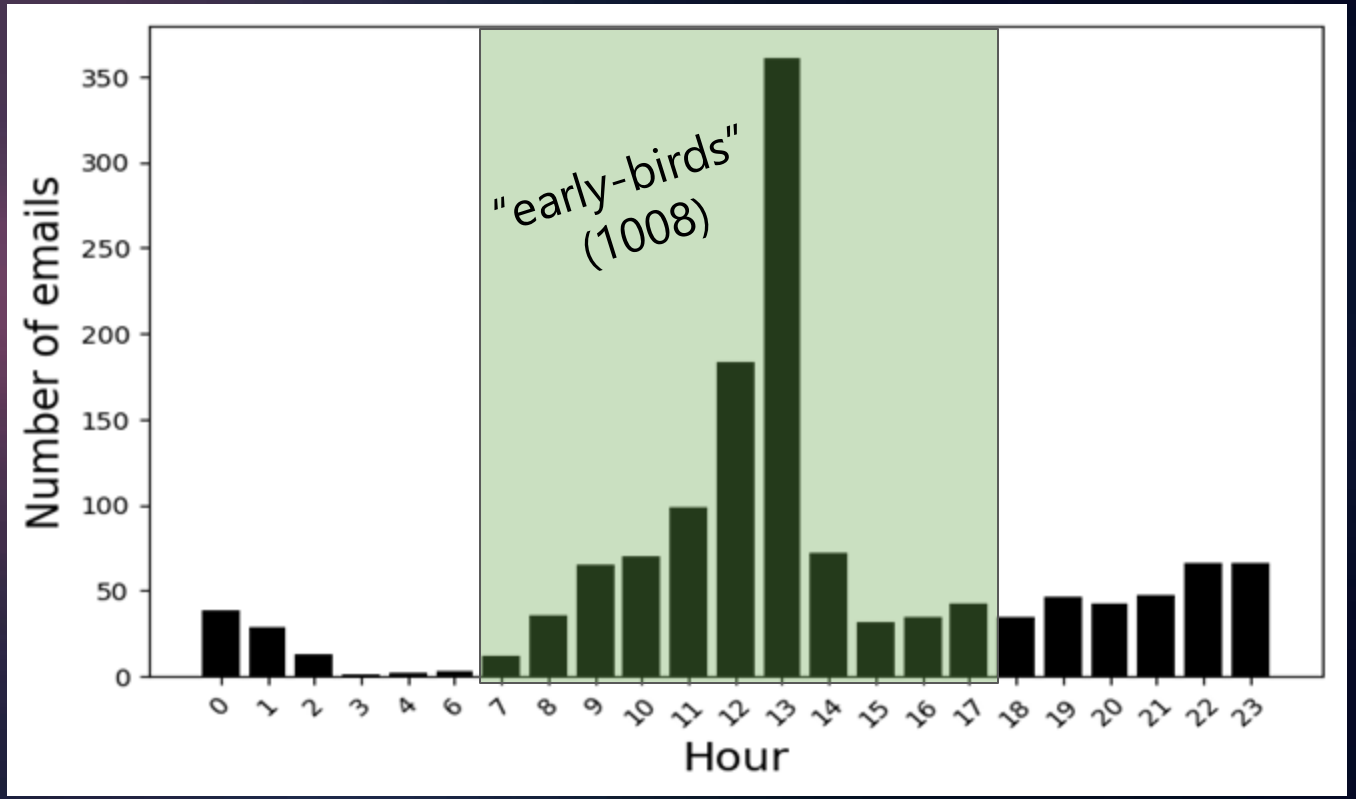
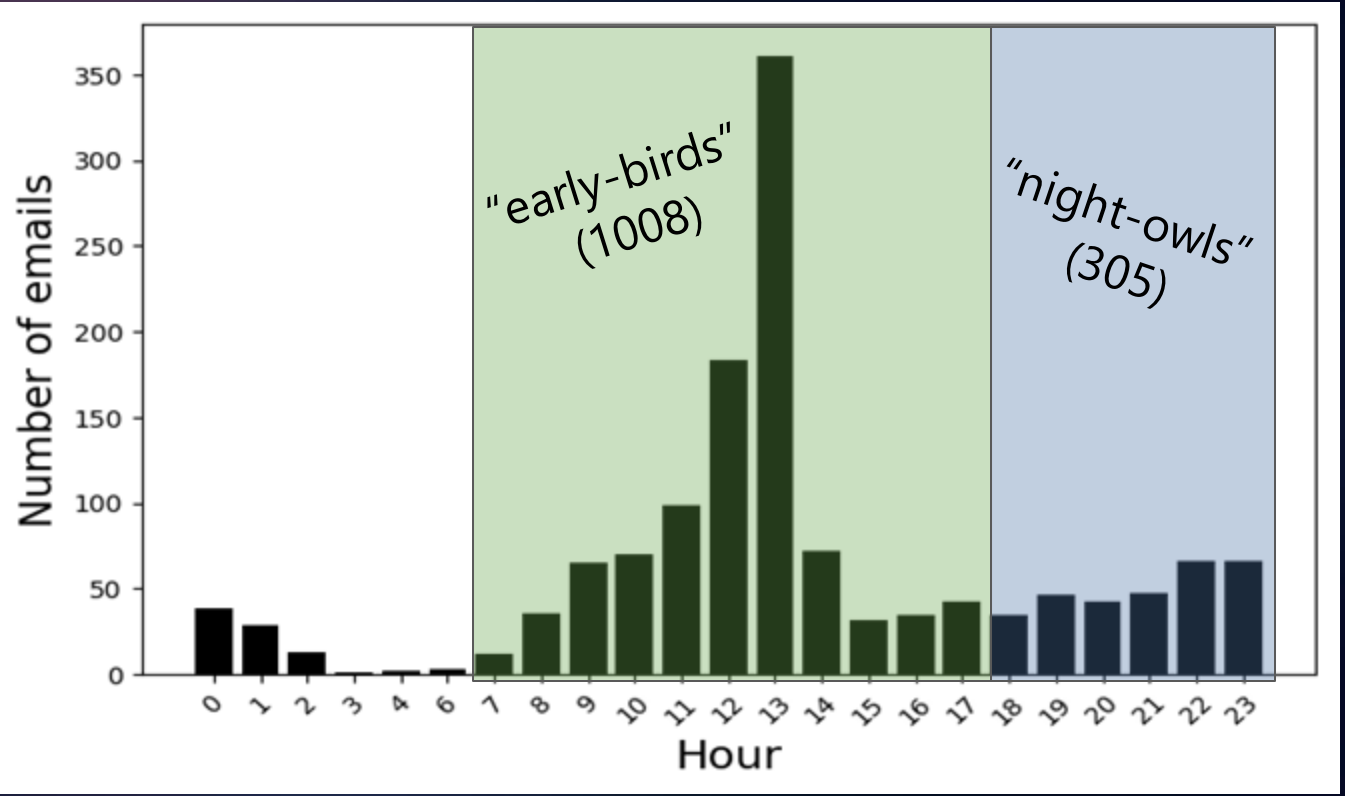
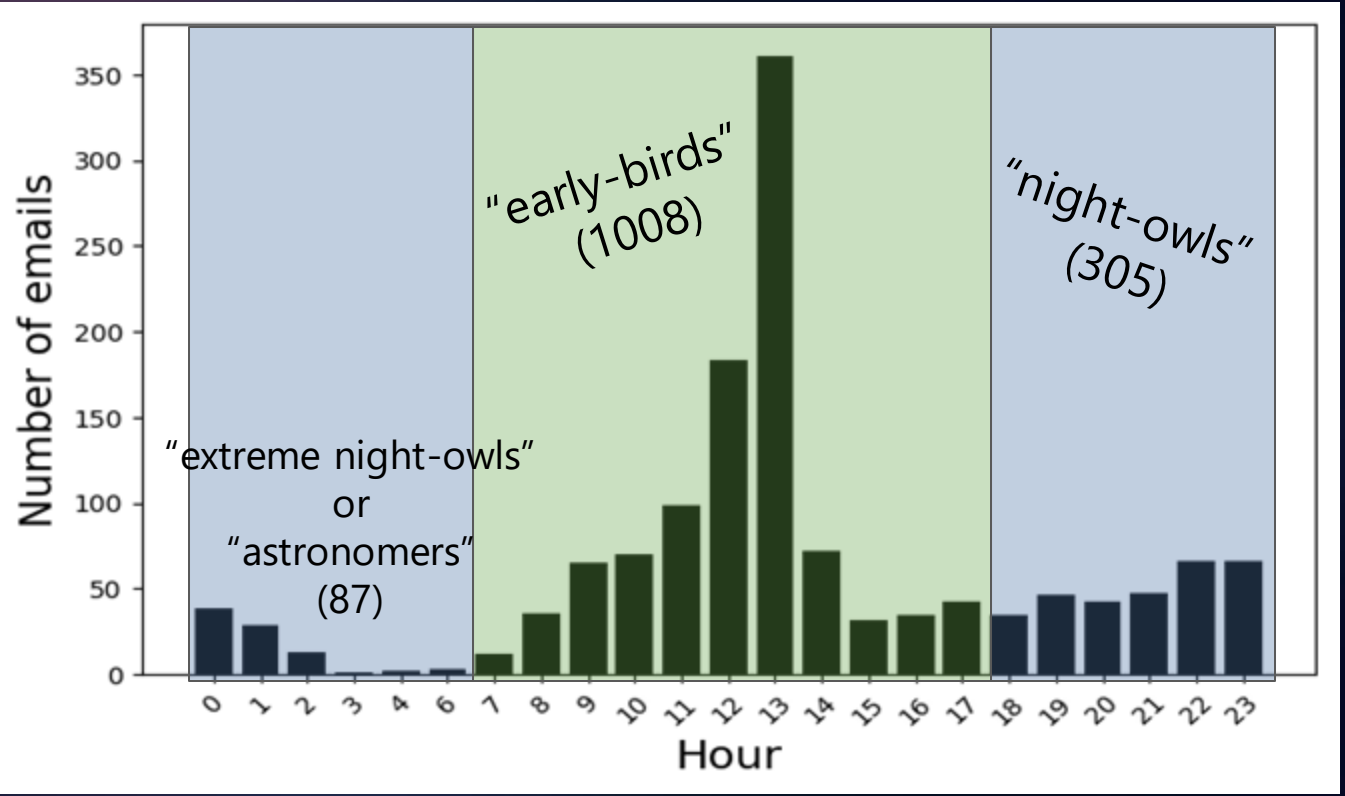


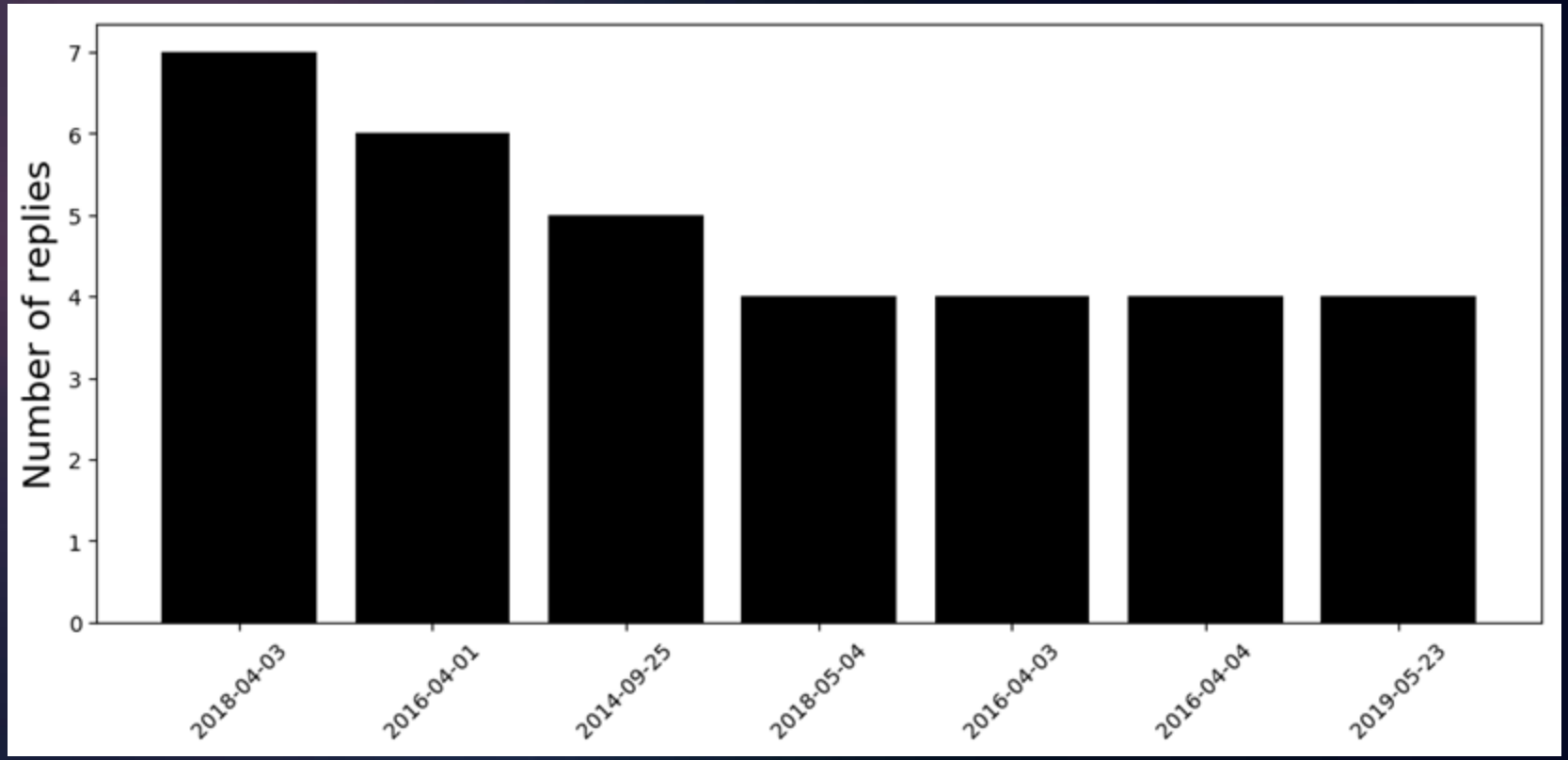
Interesting results: daily distribution



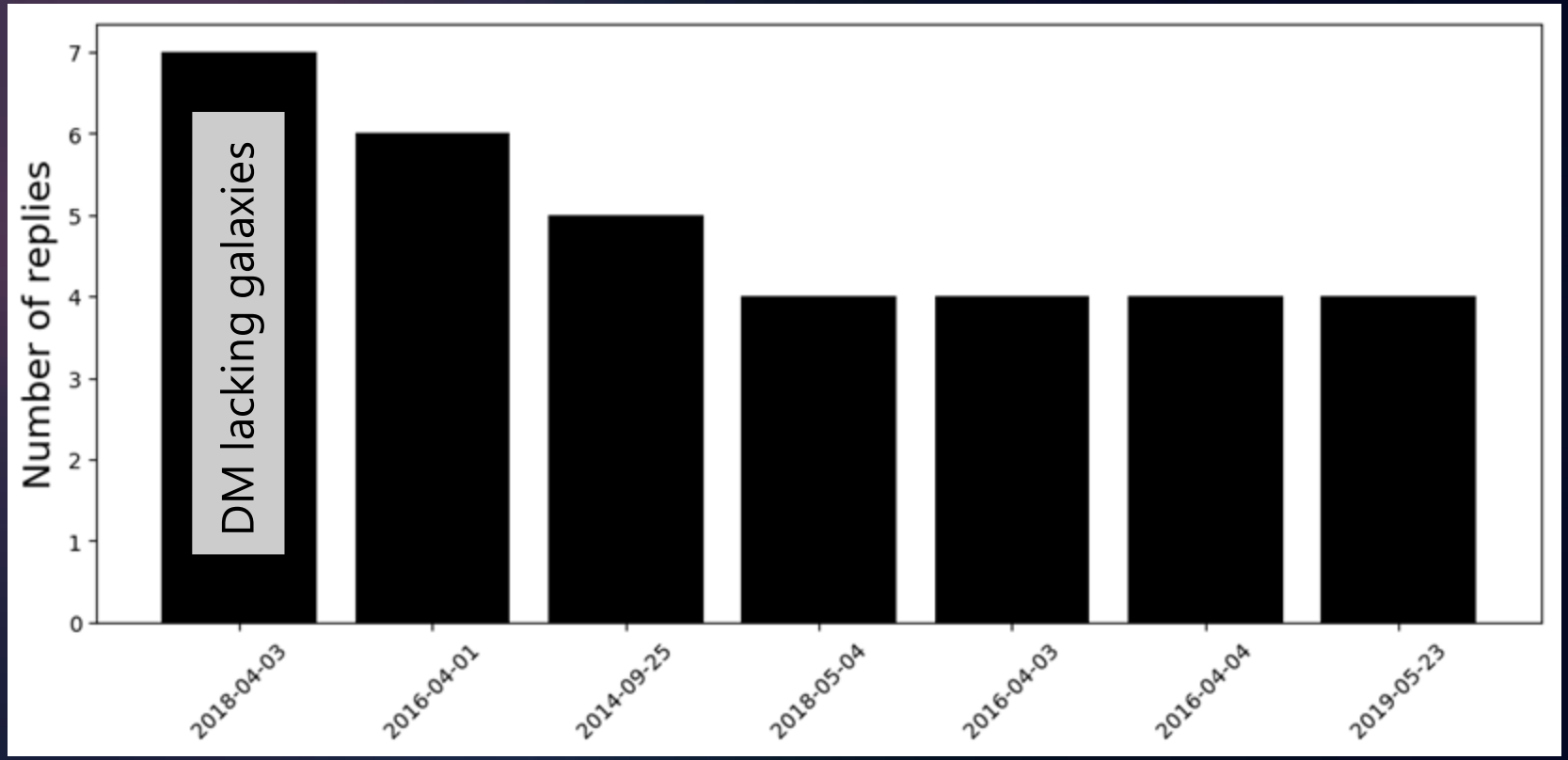
Interesting results: daily distribution



Interesting results: most replied emails



Interesting results: most replied emails



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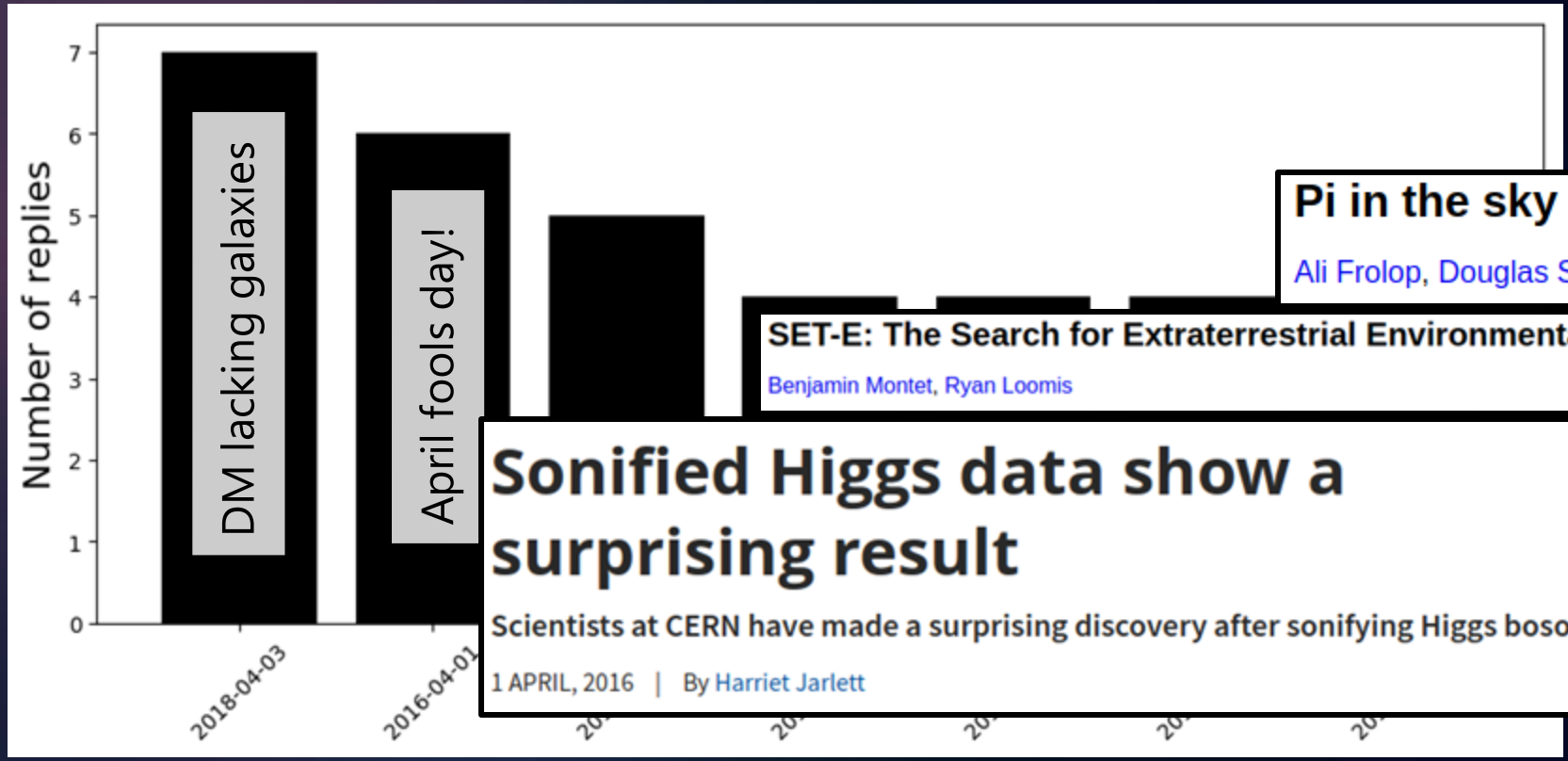

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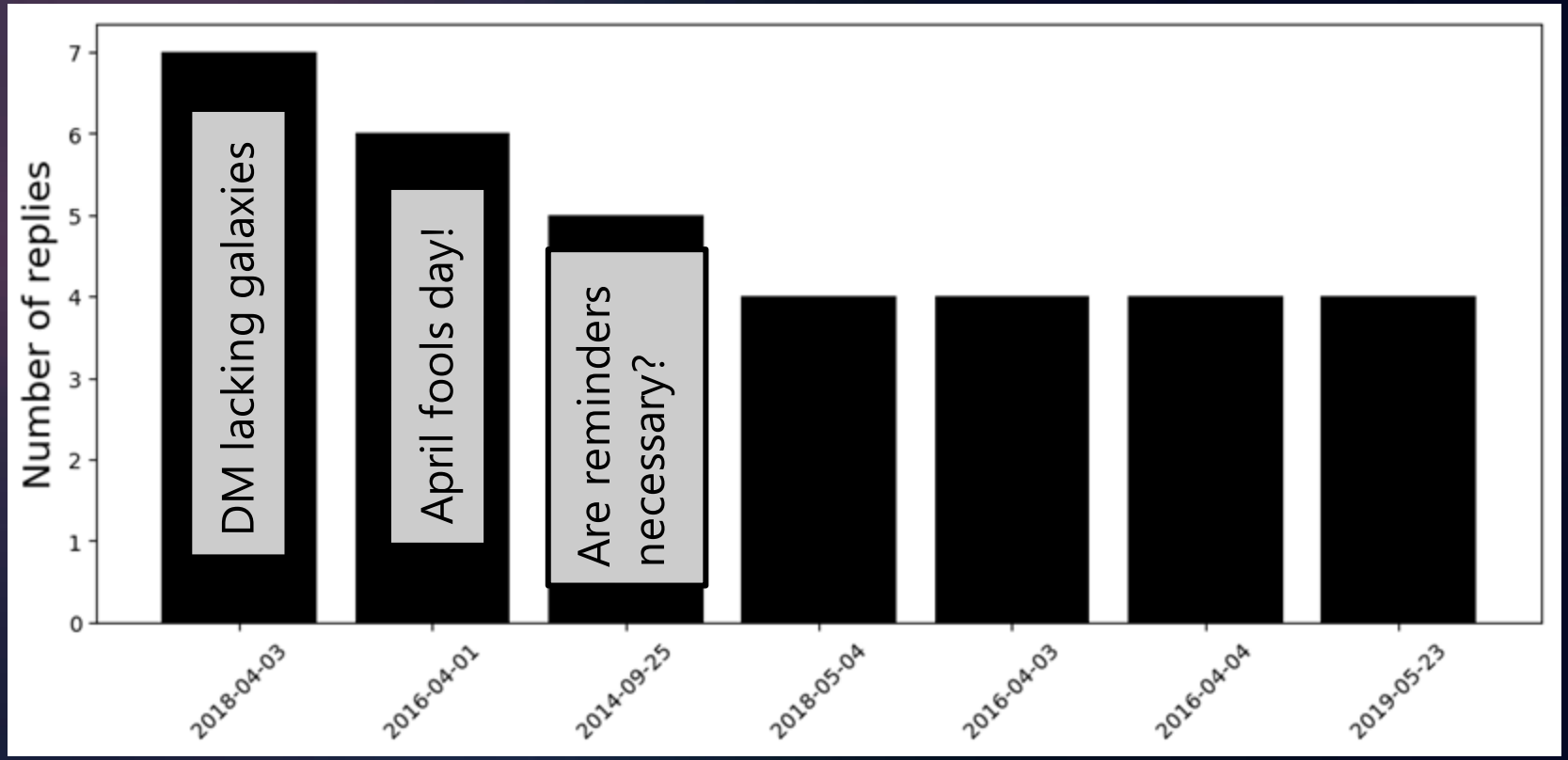
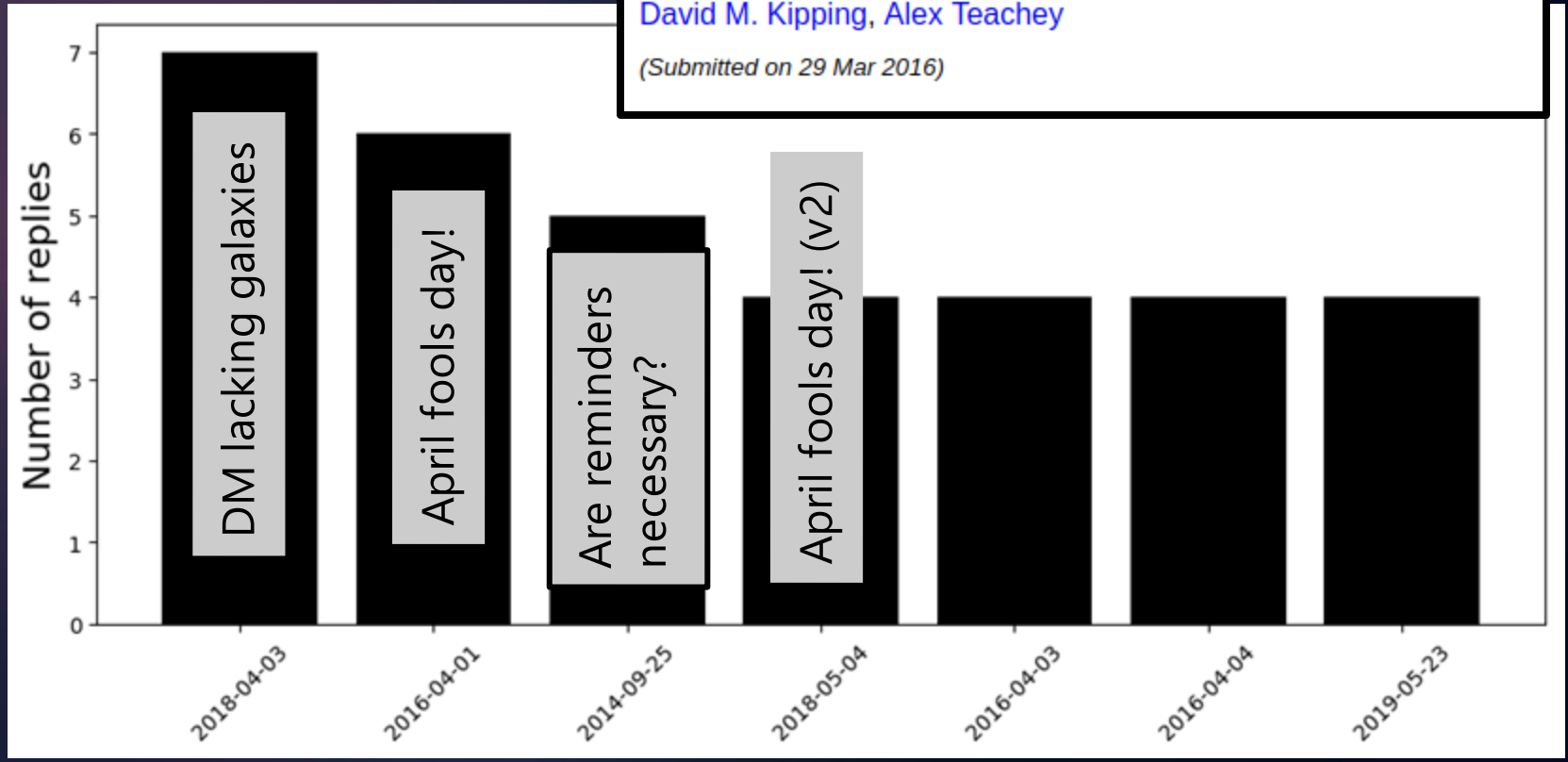


Interesting results: n

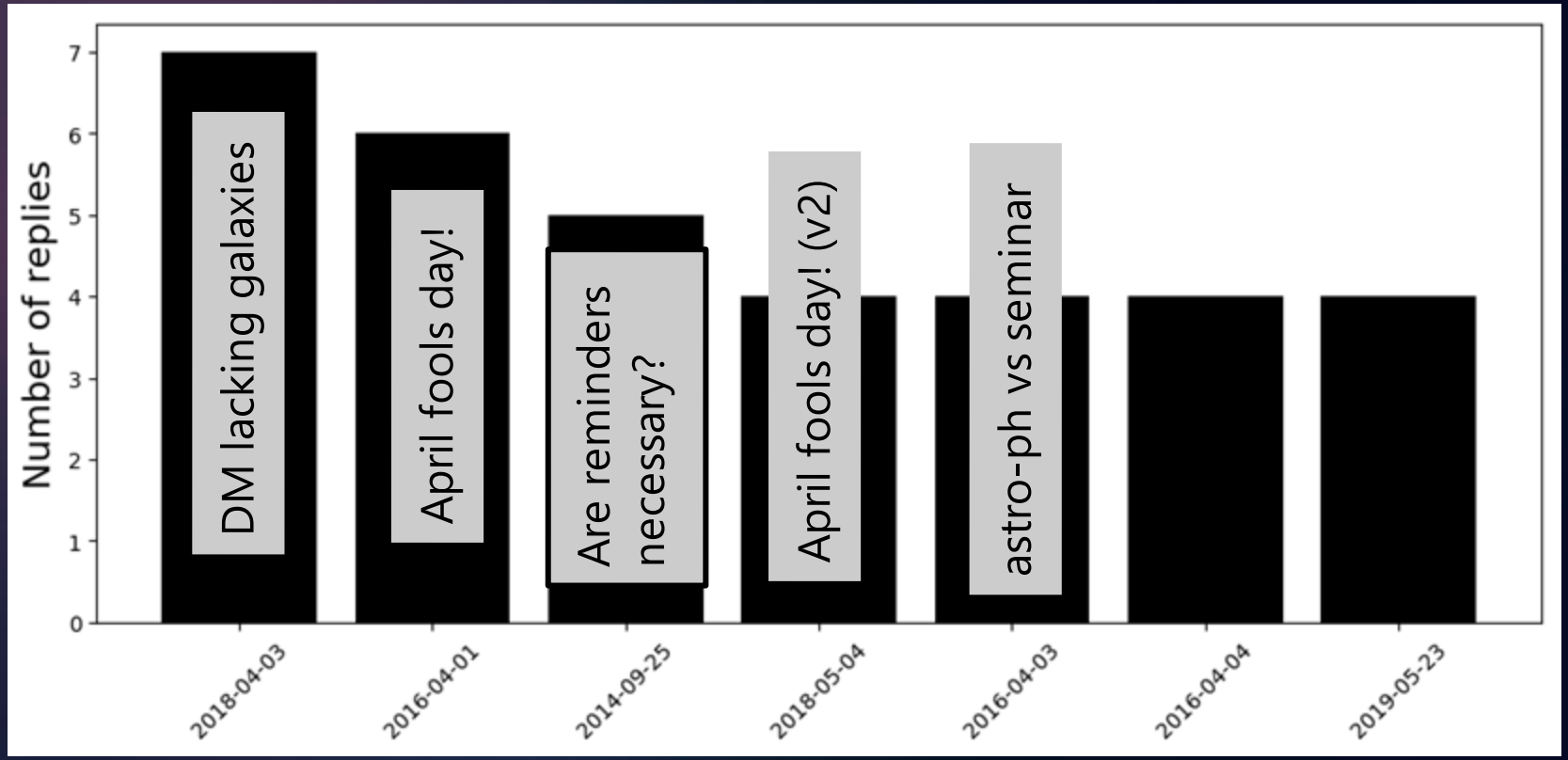
A Cloaking Device for Transiting Planets

David M. Kipping, Alex Teachey

(Submitted on 29 Mar 2016)



Interesting results: most replied emails



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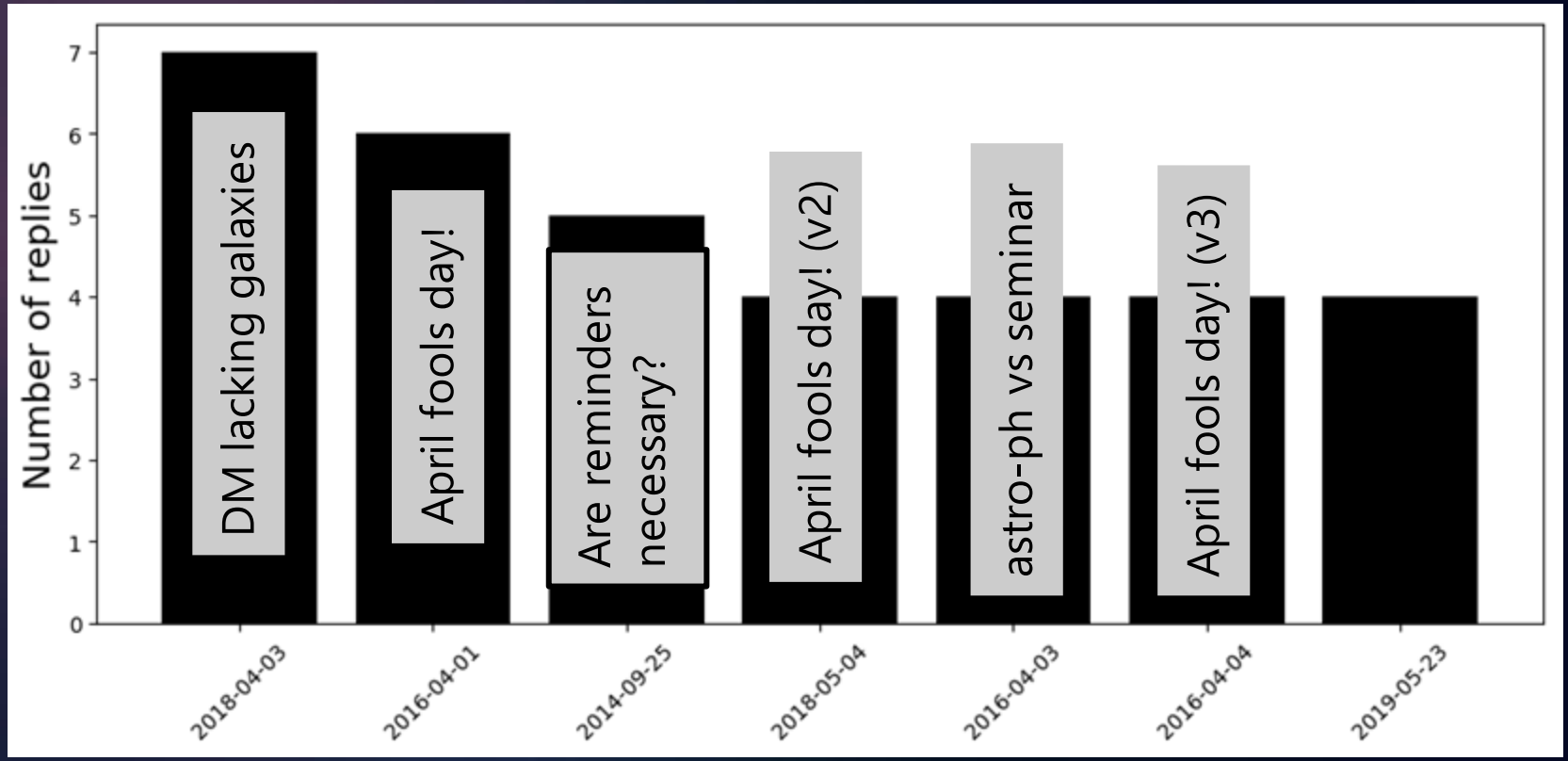
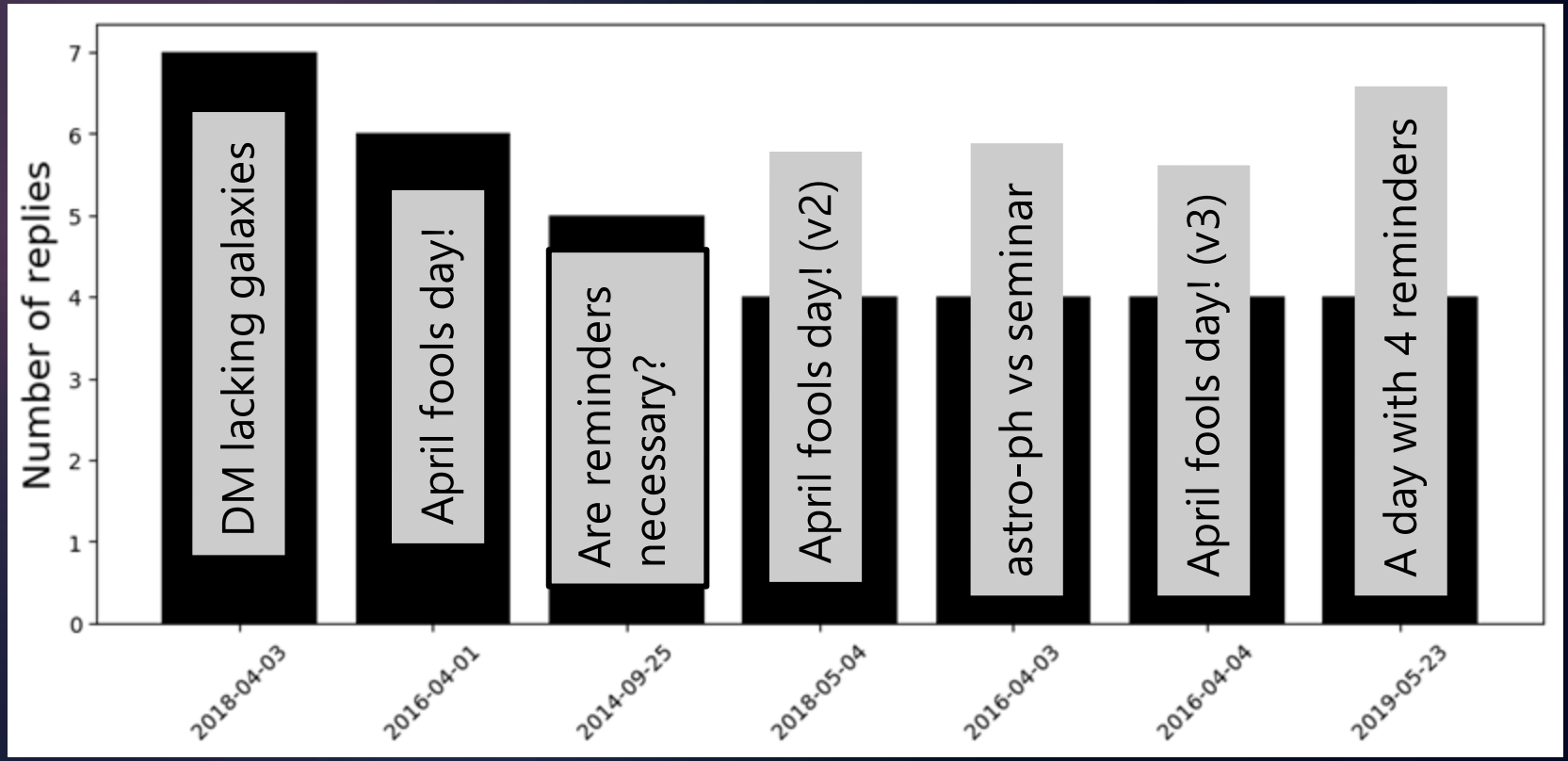
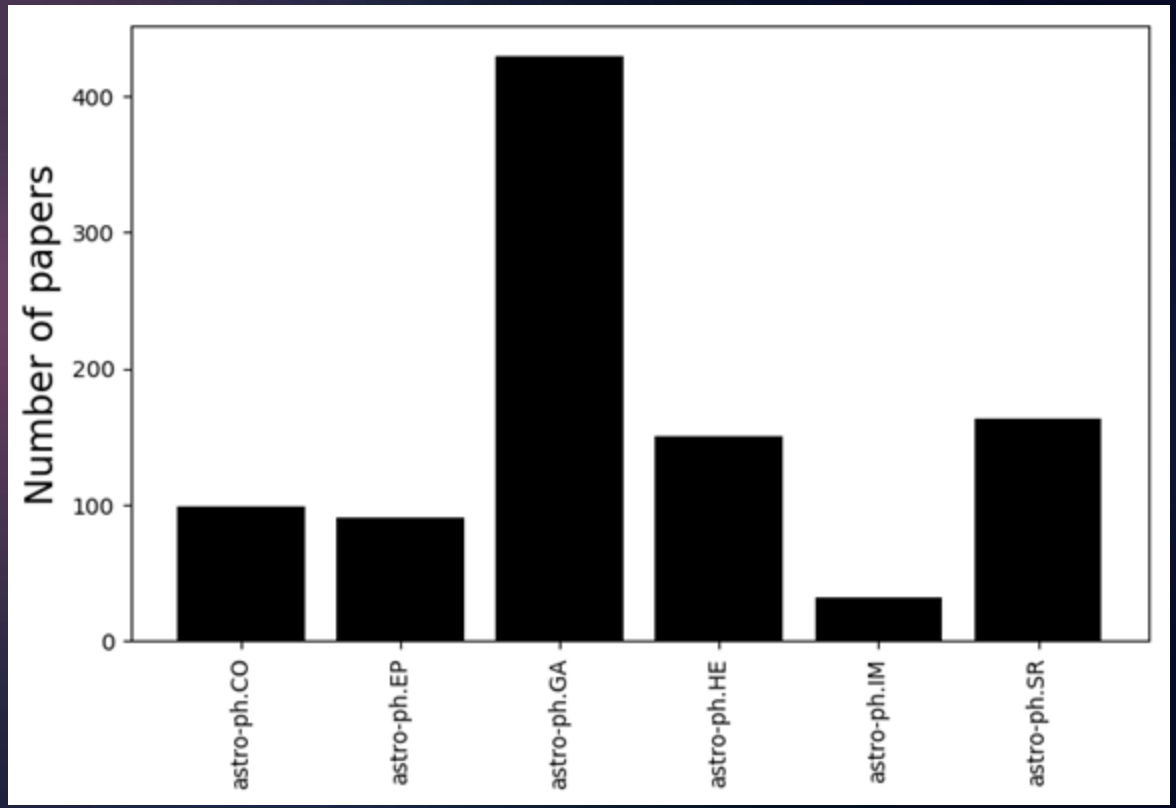


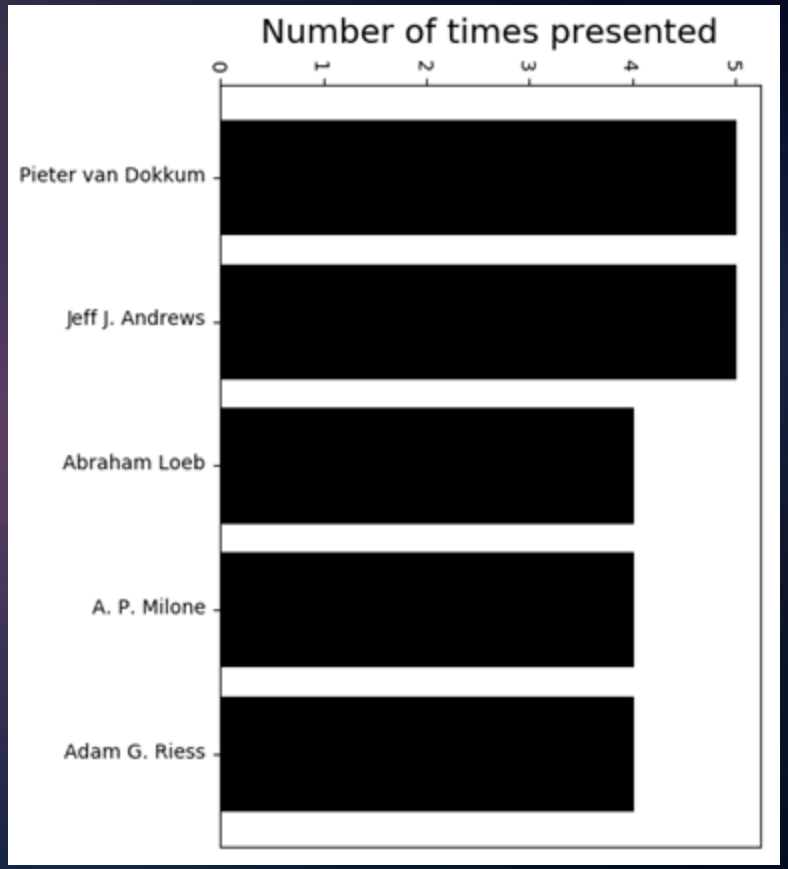
Interesting results: most replied emails

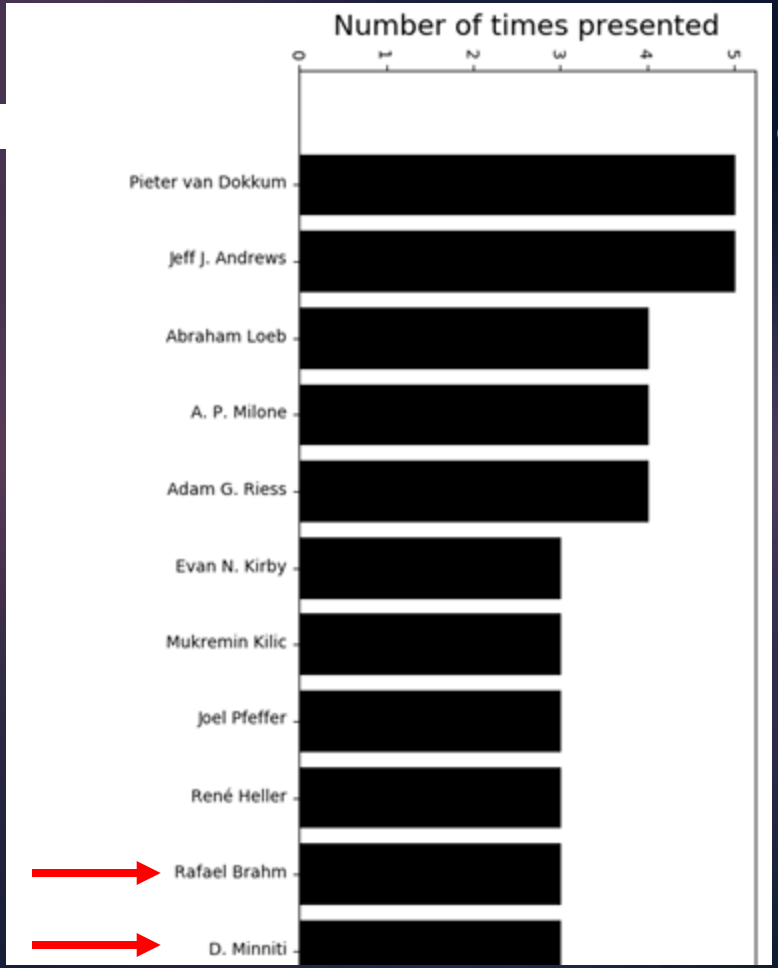


Interesting results: topic distribution



Interesting results: author distribution




Number of times presented
0
1
2
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Abraham Loeb
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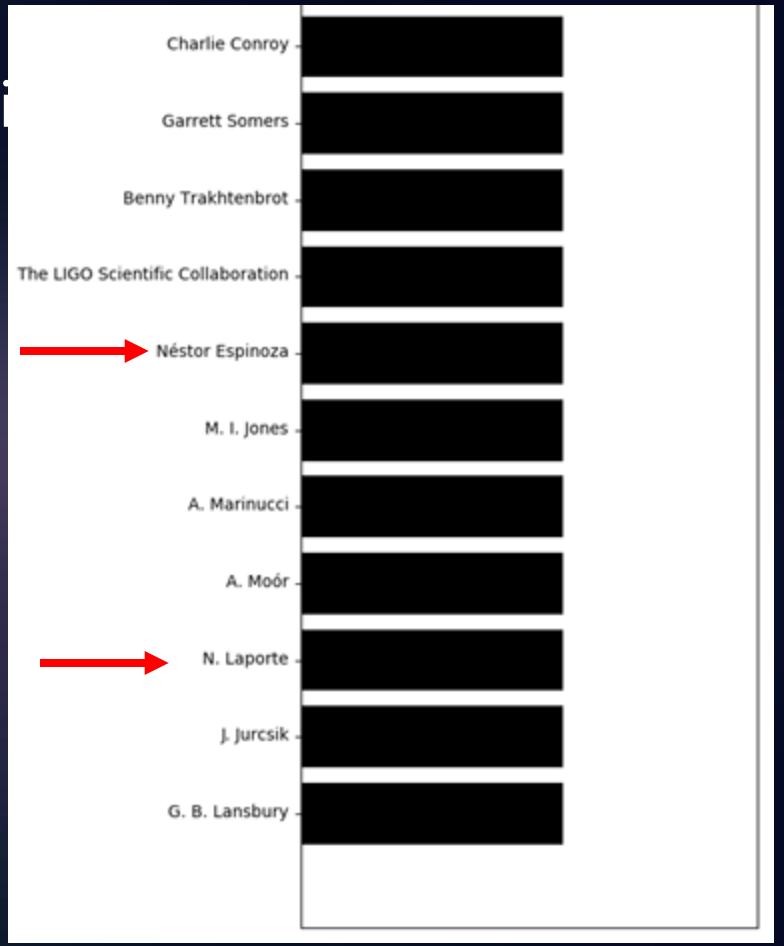
D. Minniti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Garrett Somers
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The LIGO Scientific Collaboration
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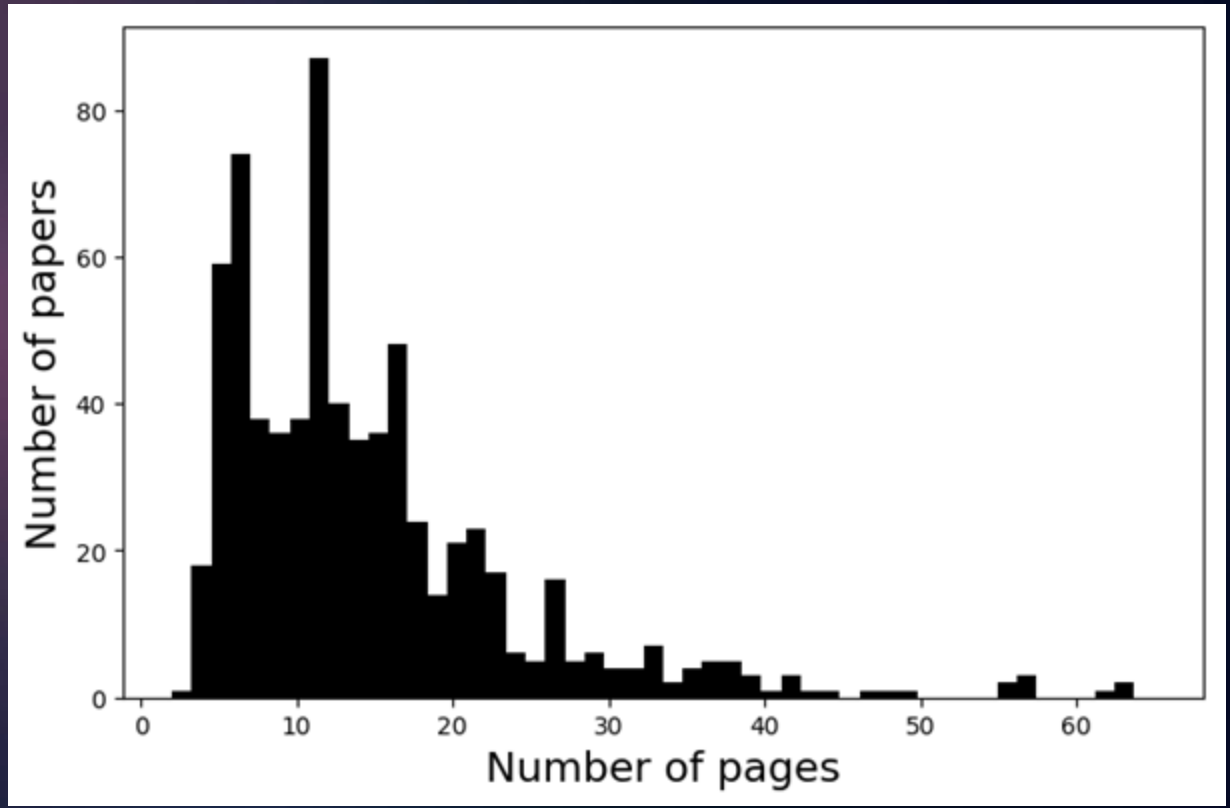
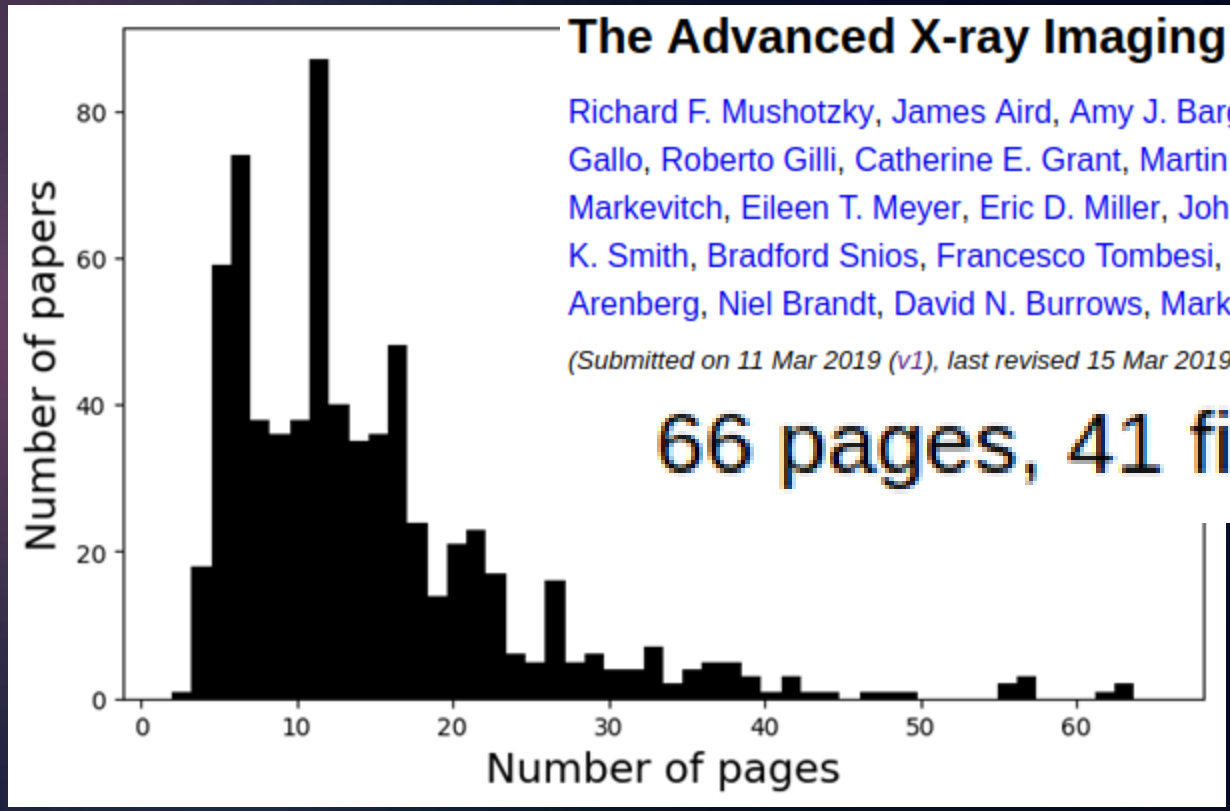
A. Marinucci
A. Moór
N. Laporte
J. Jurcsik
G. B. Lansbury

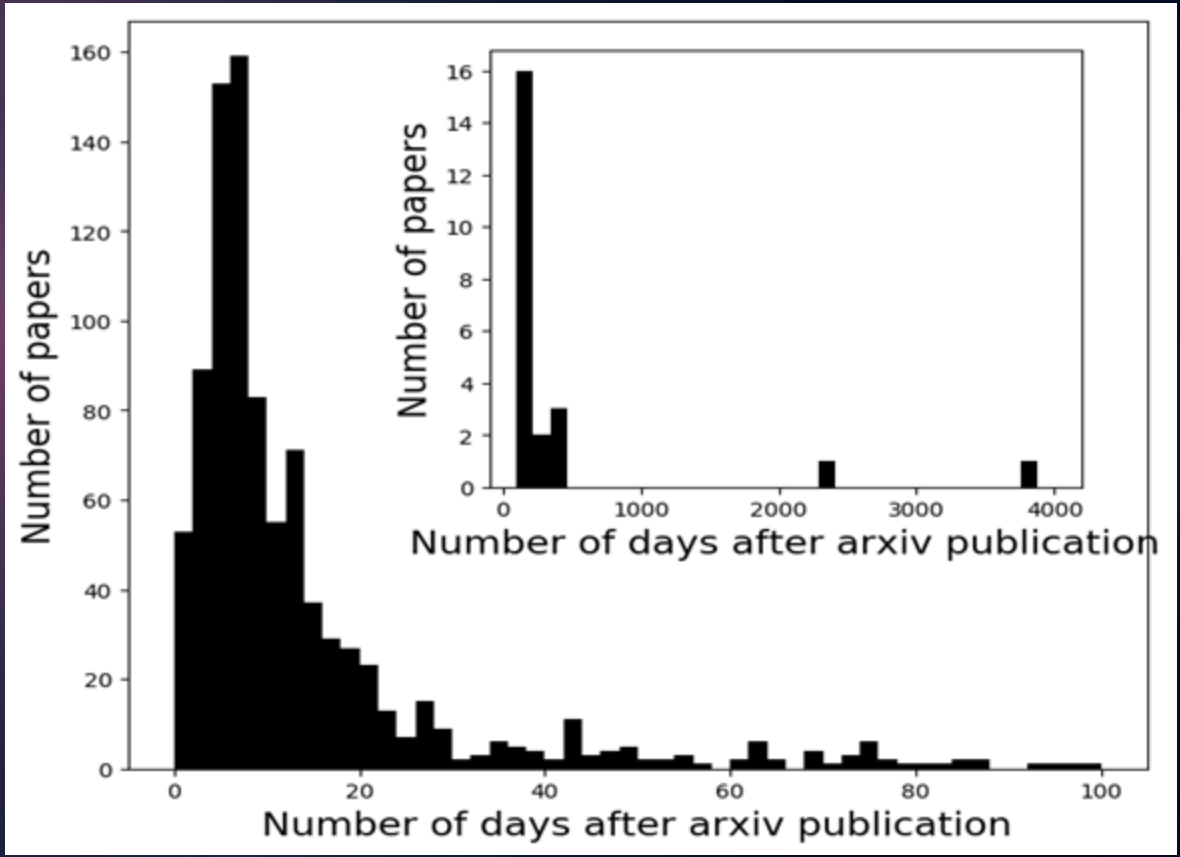
Interesting results: number of pages per paper



Interesting results: number of pages per paper



Interesting results: delay on presenting a paper



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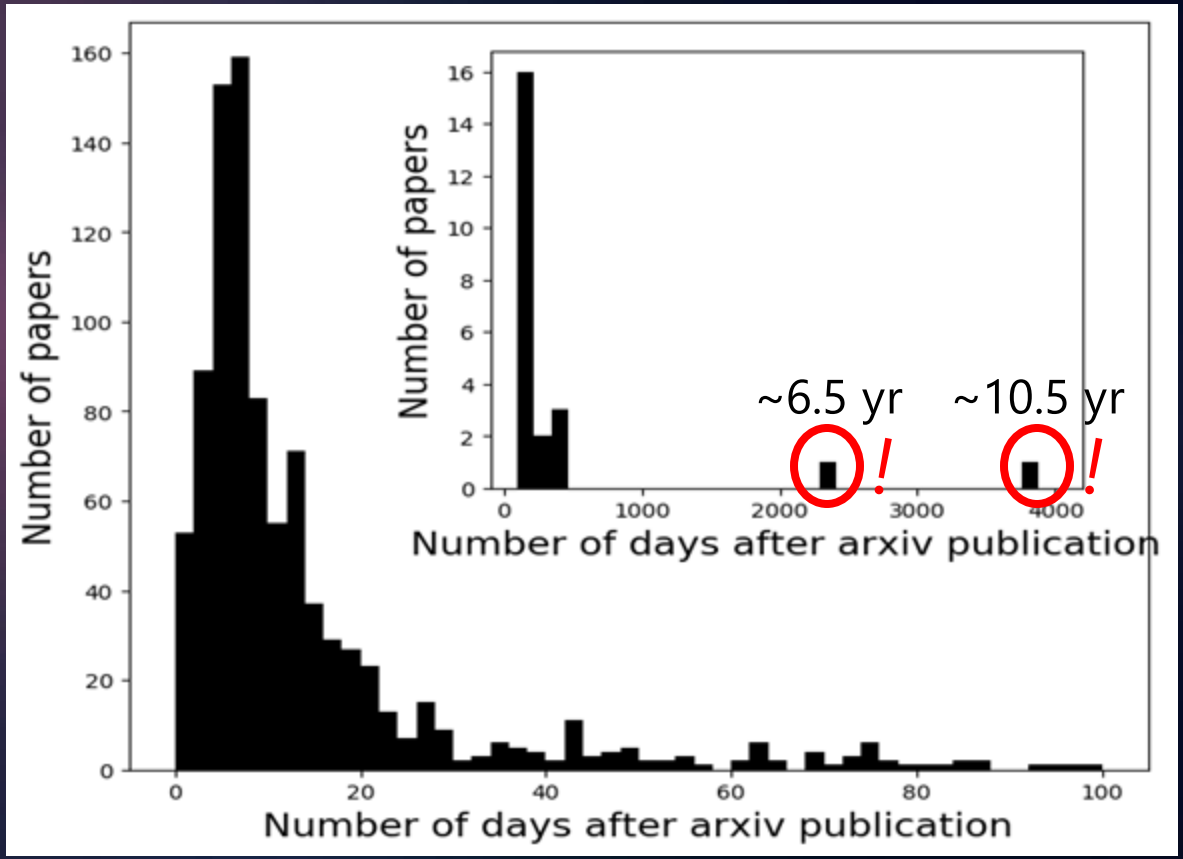

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properties
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Pulsar
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Spectroscopic
Extended
Compact
Constraints
Rotation
Spectroscopy
Universe
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Quasars
Bulge
Data
planets
Populations
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Radio
Center
holes
Luminosity
metal-poor
Hubble
massive
AGN
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accretion
stars
black
gas
Low
origin
Local
luminous
formation
Group
Field
Blue
Dark
disk
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Halo
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neutron
central
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Bonus content: most cited DAA-IA papers

Observational Evidence from Supernovae for an Accelerating Universe and a Cosmological Constant

Citations (11789)

Show affiliations

Riess, Adam G.; Filippenko, Alexei V.; Challis, Peter; Clocchiatti, Alejandro; Diercks, Alan; Garnavich, Peter M.; Gilliland, Ron L.; Hogan, Craig J.; Jha, Saurabh; Kirshner, Robert P.; Leibundgut, B.; Phillips, M. M.; Reiss, David; Schmidt, Brian P.; Schommer, Robert A.; Smith, R. Chris; Spyromilio, J.; Stubbs, Christopher; Suntzeff, Nicholas B.; Tonry, John

Horizontal branch stars: the interplay between observations and theory, and insights into the formation of the Galaxy

Citations (286)

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Catelan, M.