WiML

Women in Machine Learning

PHOTOS OF PAST WiML WORKSHOPS

A BRIEF HISTORY OF THE WORKSHOP

2005

Hanna Wallach, Jennifer Wortman Vaughan, Lisa Wainer, and Angela Yu shared a room at NIPS. Late one night, they talked about how exciting it was that there were FOUR female students at NIPS that year. They tried to list all the women in machine learning they knew of and got to 10, then started talking about creating a meeting or gathering for all these women and perhaps others that they didn't know about.

2006

1st WiML Workshop

Jenn, Lisa, and Hanna put together a proposal for a session at the 2006 Grace Hopper Celebration for women in computing that would feature talks and posters by female researchers and students in machine learning. On February 1, Hanna sent Jenn and Lisa an email saying: "You know we emailed TWENTY-FIVE female machine learning researchers today. I'm stunned. I had no idea there were so many!" By the time the Grace Hopper organizers got back to them, there was so much additional interest from women not listed on the proposal, that they decided to withdraw the proposal and hold the event as a separate, day-long workshop, co-located with Grace Hopper.

2007

2nd WiML Workshop

2008

3rd WiML Workshop

At the first workshop, there were 60 student presenters, and almost 100 participants! (3 were men) Amy Greenwald helped the team put together a grant proposal to pay for travel for the student presenters.

2009

4th WiML Workshop

The second WiML workshop in was also co-located with with Grace Hopper.

2010

In 2008, the NIPS foundation supported moving WiML to NIPS. It seemed more appropriate for the workshop to be co-located with a machine learning conference, and co-locating with NIPS enabled students to "dual purpose" their WiML travel funding so as to offset the cost of attending NIPS, thereby increasing the number of women at the conference. Furthermore, by holding the workshop the day before the main conference, workshop attendees could recognize one another throughout the rest of the conference.

5th WiML Workshop

2011

6th WiML Workshop

In late 2009, the Women in Machine Learning Executive Board was established in order to ensure the continued success of the workshop and facilitate projects with a lifespan of more than one year. Since then, the board has other secured two NSF grants, gathered and analyzed impact statistics, and established a mentoring program, among other activities.

2012

7th WiML Workshop

2013

When WiML moved with NIPS to Montreal in 2014, the organizers worked to provide a Mother's room for the duration of the WiML workshop and part of NIPS.

8th WiML Workshop

2014

By 2015, WiML was able to provide a Mother's room for the full duration of the NIPS conference.

9th WiML Workshop

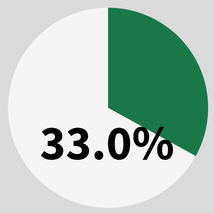
2015

Each year, the WiML community grows, and we are glad to have you here! All genders are welcome to attend the poster sessions and listen to the speakers.

10th WiML Workshop **TODAY**

2016

TOPIC MODELING OF 2015 WiML ABSTRACTS



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CLINICAL
TEXT
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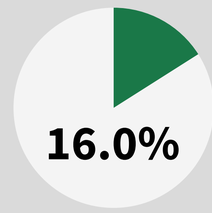

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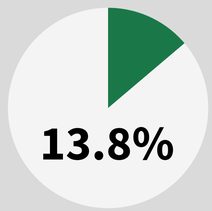

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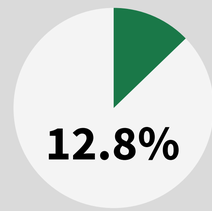

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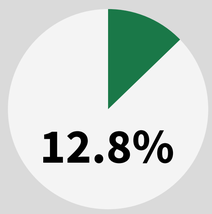

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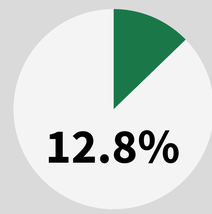

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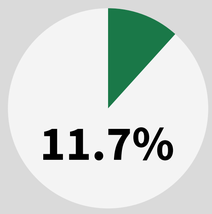

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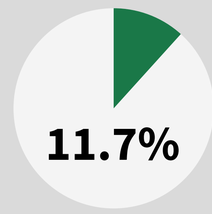

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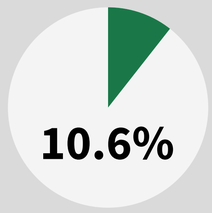
ATTRIBUTE
ATTRIBUTES



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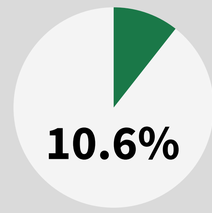
LEMMA
REGRESSION



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LABELS
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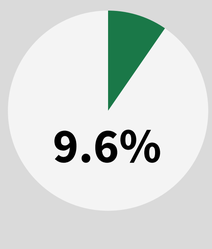

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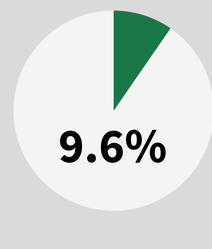

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PRIOR
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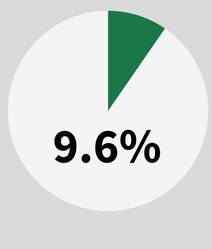

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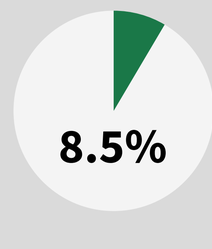
SGD
GRADIENT



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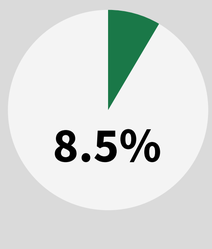

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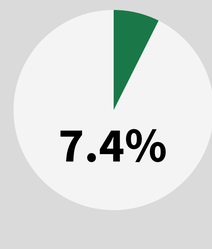
LEARNERS
CONCEPTS



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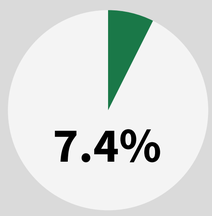

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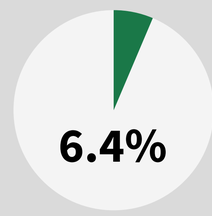

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CNN
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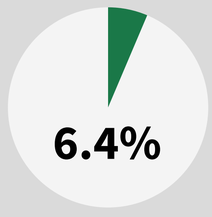

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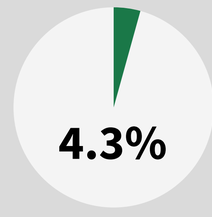
CENTER



NETWORK
MUSIC
NETWORKS
BOUNDARY
LAYER

Topic models capture stylictic and content patterns in language, and are intended to provide insight, but not a complete taxonomy. Note that each abstract can be described by more than one topic.