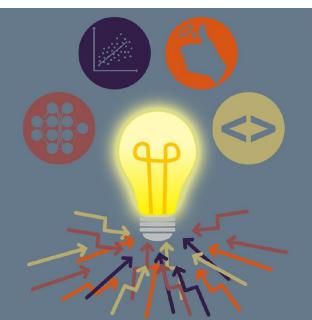
Welcome to USCOTS 2025!





USCOTS 2025

Iowa State University

Pre-Conference: July 15th - 17th

Conference: July 17th - 19th

- - -

are attending your first (in-person) USCOTS

We promise to be extra-nice to those wearing a first-timer sticker

. . .

are attending your 11th USCOTS

Hint: This is the 11th USCOTS

. . .

were born in Iowa AND

you scored more points than anyone else in women's college basketball history

Caitlin Clark



. . .

attended Iowa State University AND

were the last player picked in the 2022 NFL draft

Brock Purdy



. . .

have an affiliation with lowa State University (faculty, staff, student, alum, ...)

Thanks for hosting us!

. . .

are the Director of the Consortium for the Advancement of Undergraduate Statistics Education (CAUSE)

Let's hear from Matt Beckman

. . .

are the chair of the Iowa State Statistics Department

Let's hear from Dan Nettleton

. . .

teach at a two-year college or high school

Welcome!

. . .

teach outside of a department of statistics or mathematics or data science

Welcome!

. . .

are currently a student

Welcome!

. . .

have ever been a student

. . .

have ever developed, or used, or taught about, a useful model

The conference theme pertains to everyone, I hope!

And now ...

 Five-minute presentations on conference theme



And now ...

 Five-minute presentations on conference theme

- "All models are wrong, but some are useful."
 - George Box

Five-minute talks

- Dennis Pearl, Founding Director of CAUSE
- Justin Post, North Carolina State Univ
- Kim Roth, Juniata College / Penn State Univ
- Mine Dogucu, Univ of California Irvine
- Rachel Saidi, Montgomery College
- Vimal Rao, Univ of Illinois

. . .

never set foot in Iowa before this week

Welcome to Iowa!

. . .

Ianded at DSM after midnight
AND
are the IT guru for CAUSE/USCOTS
Many thanks to Andrew Ferguson!

. . .

have invested many hundreds of hours of work in bringing USCOTS to lowa

Many thanks to Laura Ziegler!

. . .

have a bird on your clothing today AND

were born in Iowa

AND

are co-program chair for this conference

Let's hear from Kelly McConville

Useful Models - version 3.5

(3 observations in 5 minutes)

Observation One

"Useful Models" # "Use Full Models"

Observation Two

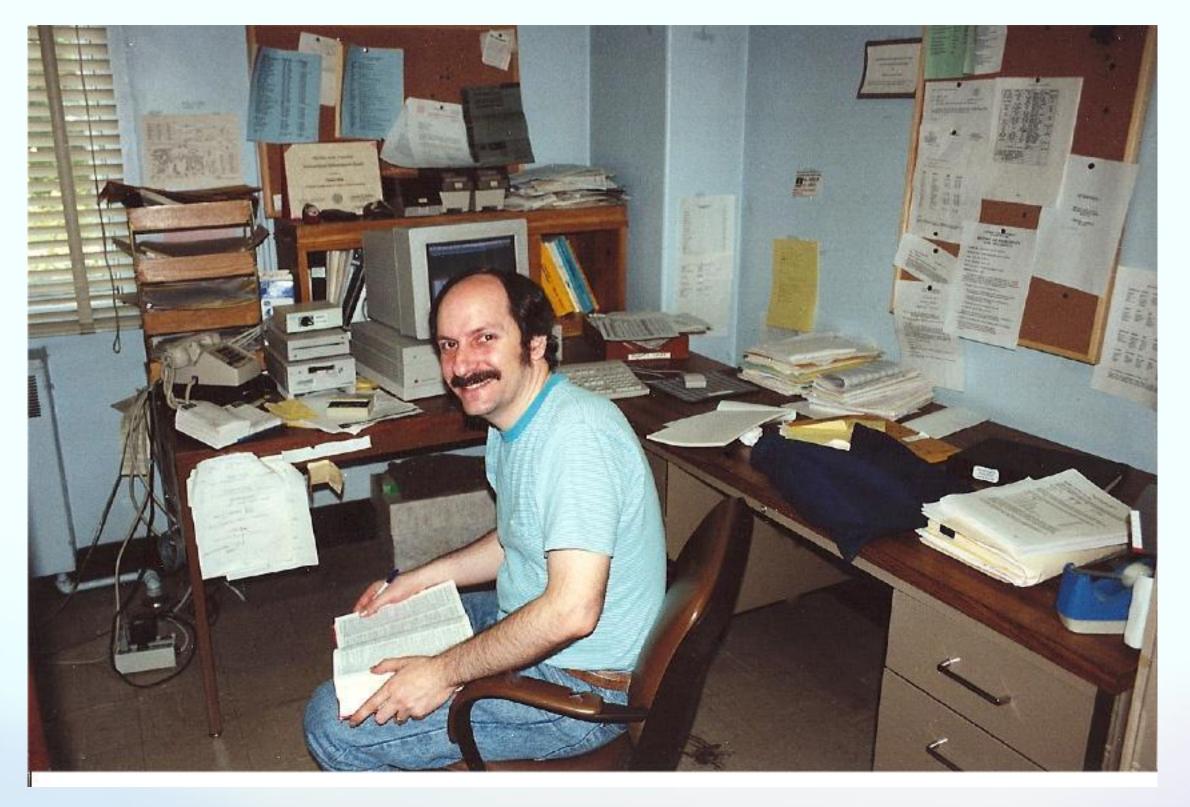
"Useful Models"? "Useful" for what?

Observation Three

Also useful to model good practice in the classroom e.g. the importance of archiving all things data

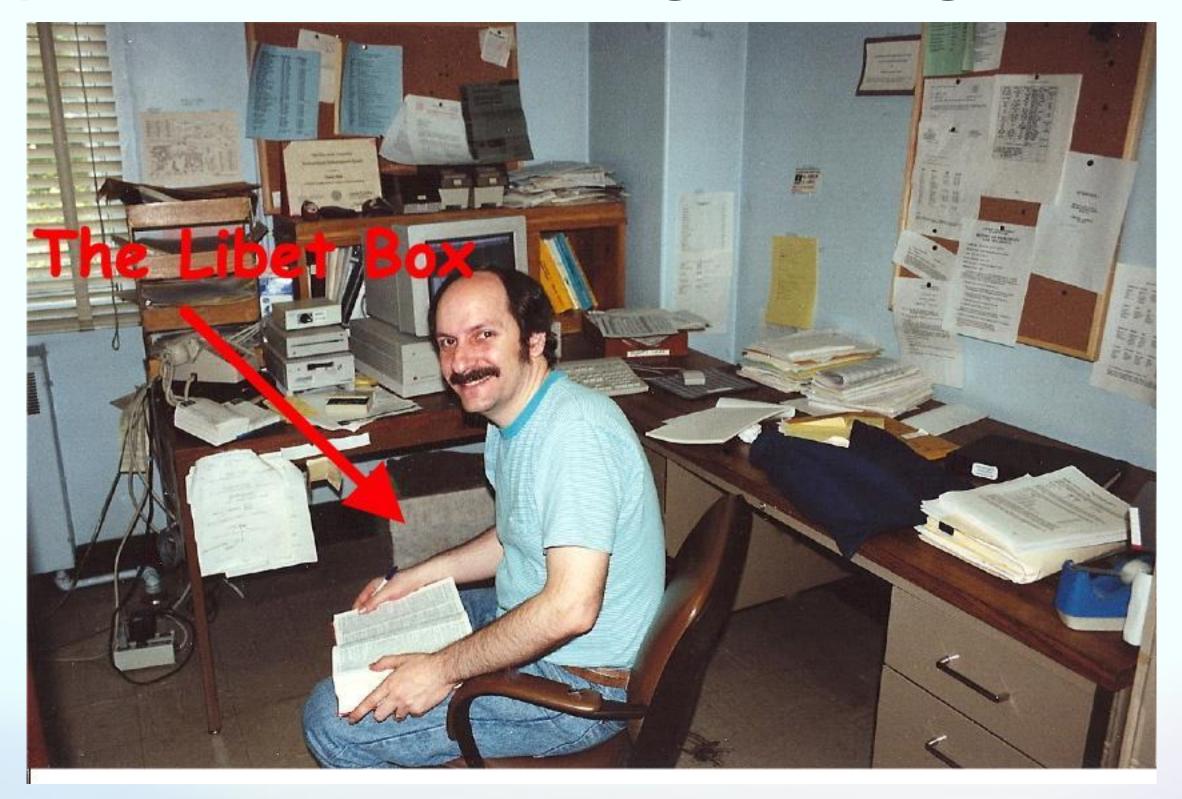
The Story of the Libet Box

Moral: Importance of archiving all things data



The Story of the Libet Box

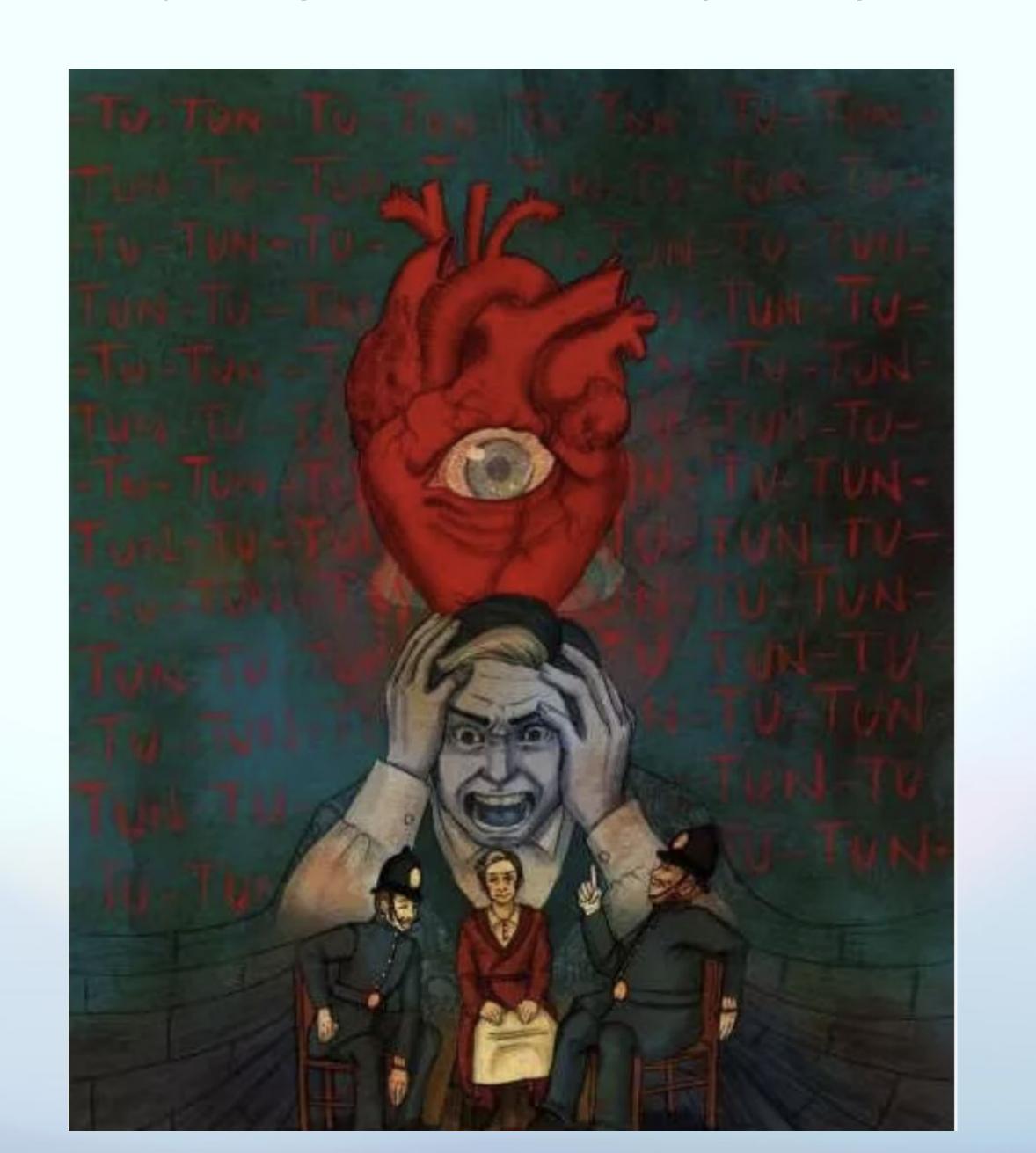
Moral: Importance of archiving all things data



The 46 year Timeline

- 1977 start collaboration with Libet, keep everything in The Libet Box
- 1982 me and the box move to Ohio State,
- 1990's early 2000's Libet's work goes viral
 - In Philosophy, Psychology, Physiology, Biology, Chemistry, ...
 - 2003 Libet wins "Virtual Nobel prize in Psychology" from University of Klagenfurt in Austria
- 2007 Libet passes away (age 91)
- 2011 "Libet's Delay" by musical artist The Caretaker rises on the charts
- 2014 me and the box move to Penn State
- 2019 phase retirement to half-time
- 2020 COVID Pandemic
- 2022 phase retirement to quarter time move to Philadelphia without the box

The Tell-Tale Heart by Edgar Allan Poe (1843)



Oct/Nov 2023

Forbes

INNOVATION > SCIENCE

Testing A Time-Jumping, Multiverse-Killing, Consciousness-Spawning Theory Of Reality

By Andréa Morris, Contributor.

Andréa Morris reports on emergent intellig...

Published Oct 23, 2023 at 02:04pm EDT, Updated Nov 02, 2023 at 10:13am EDT





Nobel Laureate in Physics, Roger Penrose poses with his Nobel medal POOL/AFP VIA GETTY IMAGES

"This retroactive idea. It has to be that," says Nobel Prize-winning mathematical physicist Sir Roger Penrose, reflecting on a problem about the building blocks of reality that has dogged physics for nearly a century. "Any sensible physicist wouldn't be perturbed by this," he adds. "However, I'm not a sensible physicist."

If Penrose isn't a sensible physicist it's because the laws of physics aren't making sense, at least not on the subatomic level where the smallest things in the universe play by different rules than everything we see around us. He has reason to believe this disconnect involves a fissure that divides two different kinds of reality. He also has reason to believe that the physi Screenshot ridges these realities will unlock answers to the physics of consciousnes, the mystery of our own existence.



Oct/Nov 2023

thinks human beings might be physical systems sensitive enough to test for consciousness registering retro-activity.

Retroactivity In Psychological Experiments

"Am I the last survivor of the team?" asks Dennis Keith Pearl, statistician and co-author of a 1979 experiment led by late psychologist Benjamin Libet. Libet is best known for his seminal research that seems to show that our choices to act are too slow to be made consciously. The brain "registers" the decision to make movements before we consciously decide to move. Libet studies are controversial because they seem to do away with free will. Penrose isn't too concerned with free will, but he does believe our choices are made consciously, not unconsciously, regardless of whether or not they're free. Decades ago, physicist Erich Harth, a colleague of Penrose, brought Libet's 1979 experiment to Penrose's attention. Harth thought it may contain evidence that the brain is registering retro-activity. Retro-activity could give us the fractions of a second we need to salvage conscious choice. Harth included an interpretation of the Libet study in his book *Windows On The Mind*.

Pearl was a graduate student in 1979 and the youngest on Libet's research team, which included California senator Dianne Feinstein's husband, neurosurgeon Bertram Feinstein. "Too bad you weren't asking me 10 years ago," says Pearl as he struggles to remember details from a half-century-old experiment. "I had a box full of all the original records from my work with Ben," says Pearl. "I had lots of notes from Ben and original graphs and things like that." Pearl had never been contacted about his work with Libet, despite the fact that Libet names Pearl in his written defense of his research, at one point writing in the journal of *Consciousness and Cognition* to "take up any statistical difficulties with Dennis Pearl." Boxes of materials and raw data were tossed out during a move a decade ago. Now Pearl carefully inspects the graphs that Harth constructed, graphs interpreted from the 1979 study. "I think everything that [Harth's] got on this graph is correct in terms of what's reported," says Pearl.

He's drawn to Penrose's use of probabilities in consciousness. He recalls a Libet experiment that he thinks might be of interest to Penrose. Libet stimulated a subject with a short burst of stimulus, and asked the subject if they felt it. The subject would report they did not. So Libet would ask the subject to hazard a guess. An ultra-short burst of stimulus that wasn't likely to be felt resulted in sheer random guesses. As the bursts extended in duration, the subject

What We Model

Justin Post North Carolina State University USCOTS 2025

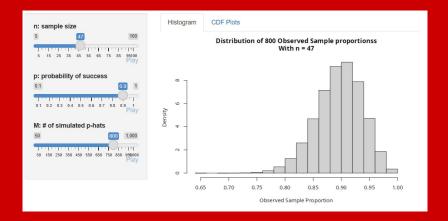
Allan's cats!

My cats!





What We Model



Modern Statistical Practice

Modern Statistical Practice

Data Science **nudging** our curriculum

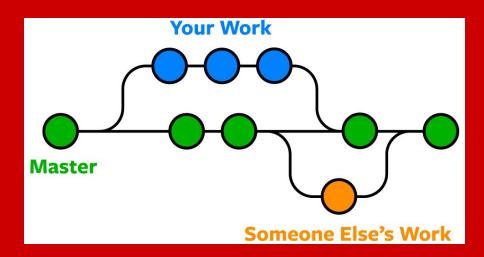
- Data Visualization
- Prediction vs Inference
- Rethinking how we teach core concepts
- Programming paradigms



Modern Statistical Practice

Reproducible Workflows

- Quarto/R Markdown
- Version Control





Modern Statistical Practice

Responsible Al Use

- Idea Generator
- Efficiency Tool
- Hallucinations
- Carbon Footprint
- Copyright





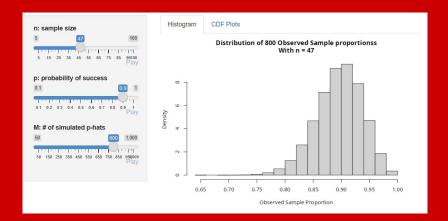
Explained: Generative Al's environmental impact

Rapid development and deployment of powerful generative AI models comes with environmental consequences, including increased electricity demand and water consumption.

Adam Zewe | MIT News January 17, 2025

NEDA Suspends AI Chatbot for Giving Harmful Eating Disorder Advice

What We Model



Modern Statistical Practice



Ethics, Compassion, & Empathy

Ethics, Compassion, & Empathy

Ethics

- Biases in Data
- Data Confidentiality

Ethical data use

- Where do these data come from?
- How were these data collected?
- What could be missing?



Ethics, Compassion, & Empathy

Consider

- Syllabus guidelines
- Alternative grading
- Diversity, Equity, Inclusion, & Belonging



MAKE DATA ART

Kim Roth Juniata College/Pennsylvania State University

USCOTS 2025

JULY 17, 2025

WHY DATA ART?

- Aesthetically Pleasing
- WIDER AUDIENCE
- Accessible
- ANYONE CAN TRY IT
- More Memorable

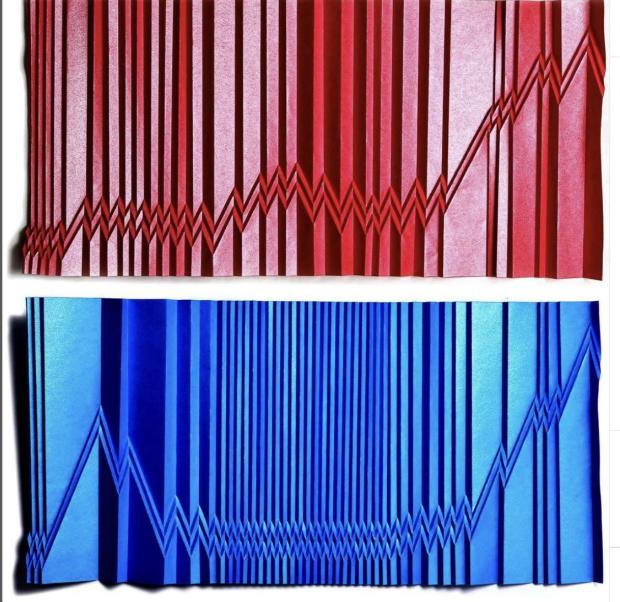
PLANETARY FEVER COWL BY STEPHANIA FREGOSI





Pattern: https://ravel.me/planetary-fever-cowl Yarn: https://threefatesyarns.com

ORIGAMI GRAPHS BY UYEN NGUYEN (WINWIN)





winorigami



winorigami I just submit this to the Bridges Art Exhibition for this year, and a few of the people I've shown have encouraged me to post it. It was made using an algorithm I developed while in isolation to design origami patterns that follow mathematical equations or graphical data. These designs were modeled off of the data for the number of new cases of COVID-19 in the US (red, above) and NY (blue, below) from March 1, 2020 to January 20, 2021. I got my reference data from @nytimes

I call it "Cases of Covid in Creasing".

#origami #paper #folding #paperfolding #mathart #mathartdesign #data #covid_19

Edited · 224w











Liked by mathzorro and 240 others

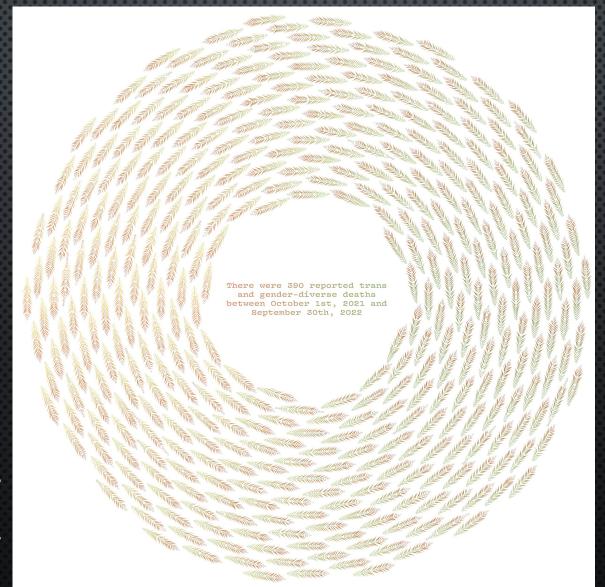
March 13, 2021



Add a comment...

Post

TRANSGENDER DAY OF REMEMBRANCE BY CATHRYN PLOEHN AND KELSEY CAMPBELL



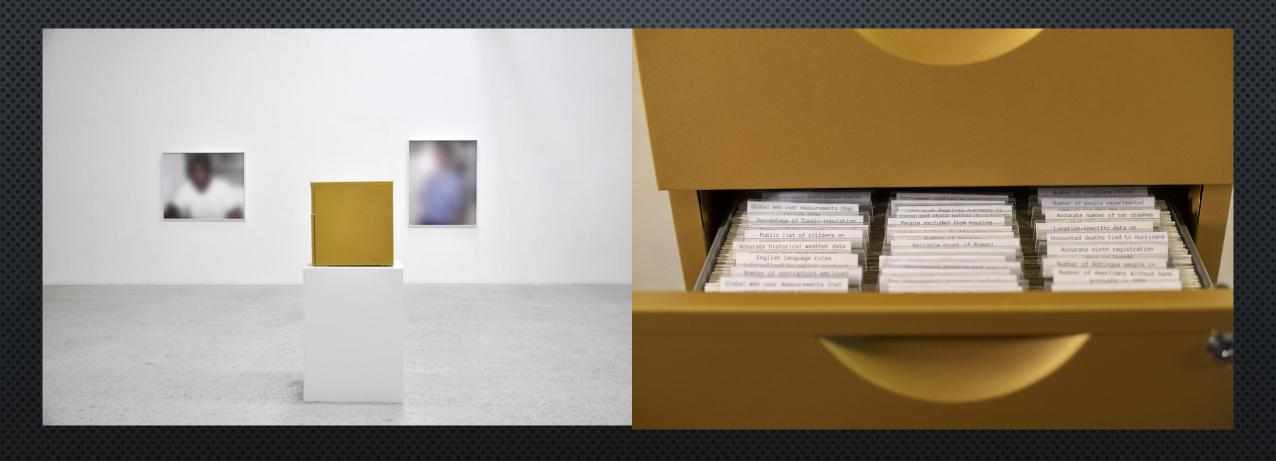
https://datascienceby design.org/blog/trans gender-day-of-remem brance

K Roth, Make Data Art

SWEEPING UNTUFTED CHARTS UNDER THE RUG BY VIOLETA ROIZMAN



LIBRARY OF MISSING DATASETS BY MIMI ONUOHA



https://mimionuoha.com/the-library-of-missing-datasets-v-20

IDEAS

- THINK OF DATA AS ART AND ART AS DATA
- Make things
- FIRST THINGS MAY NOT BE PRETTY

TEMPERATURE BLANKET BY KERRI CREWS



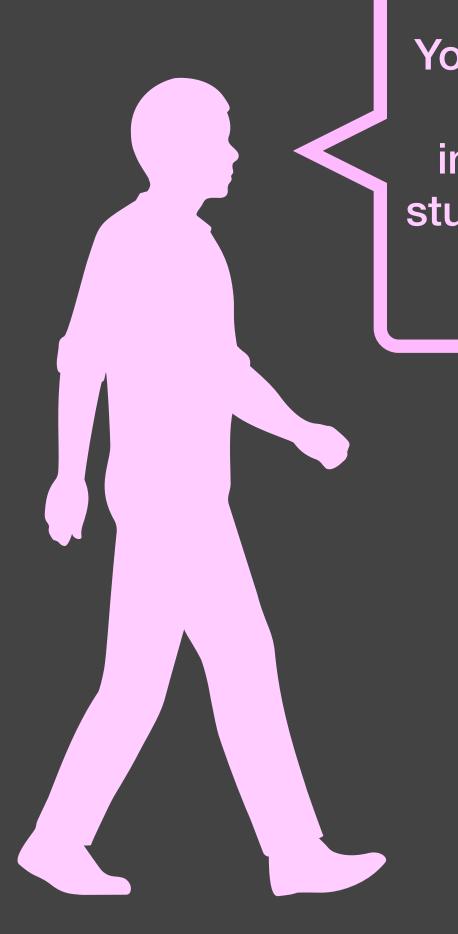
THANKS! KAE141@PSU.EDU

HTTPS://KAROTH.GITHUB.IO

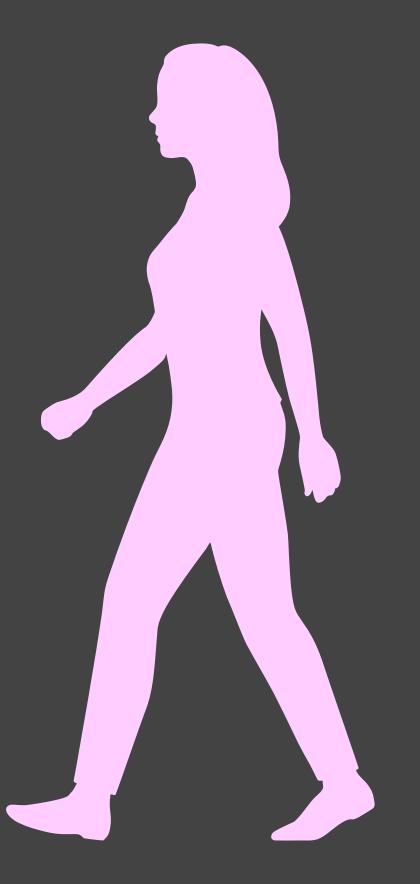
HTTPS://MATHEMALCHEMY.ORG

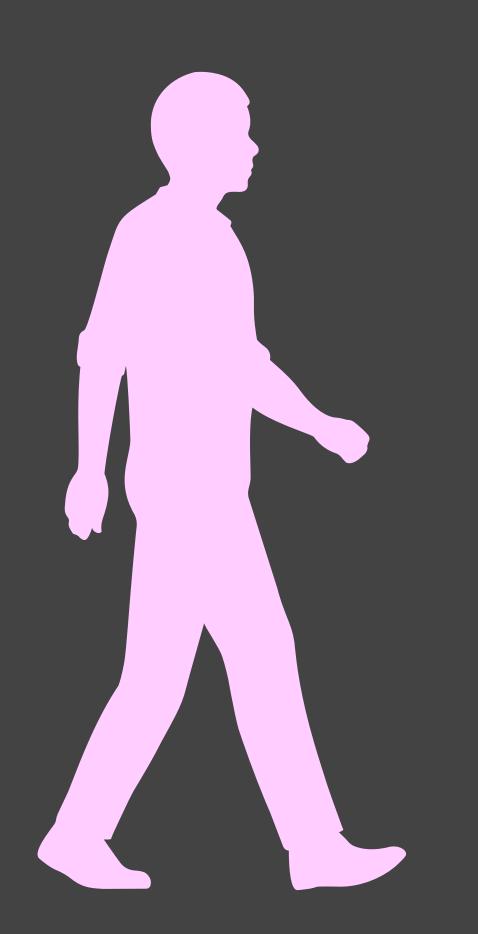
Updating Beliefs on Bayesian Modeling

Mine Doğucu, Ph.D.
University of California Irvine



You teach Bayesian modeling to introductory level students? That must be so hard.



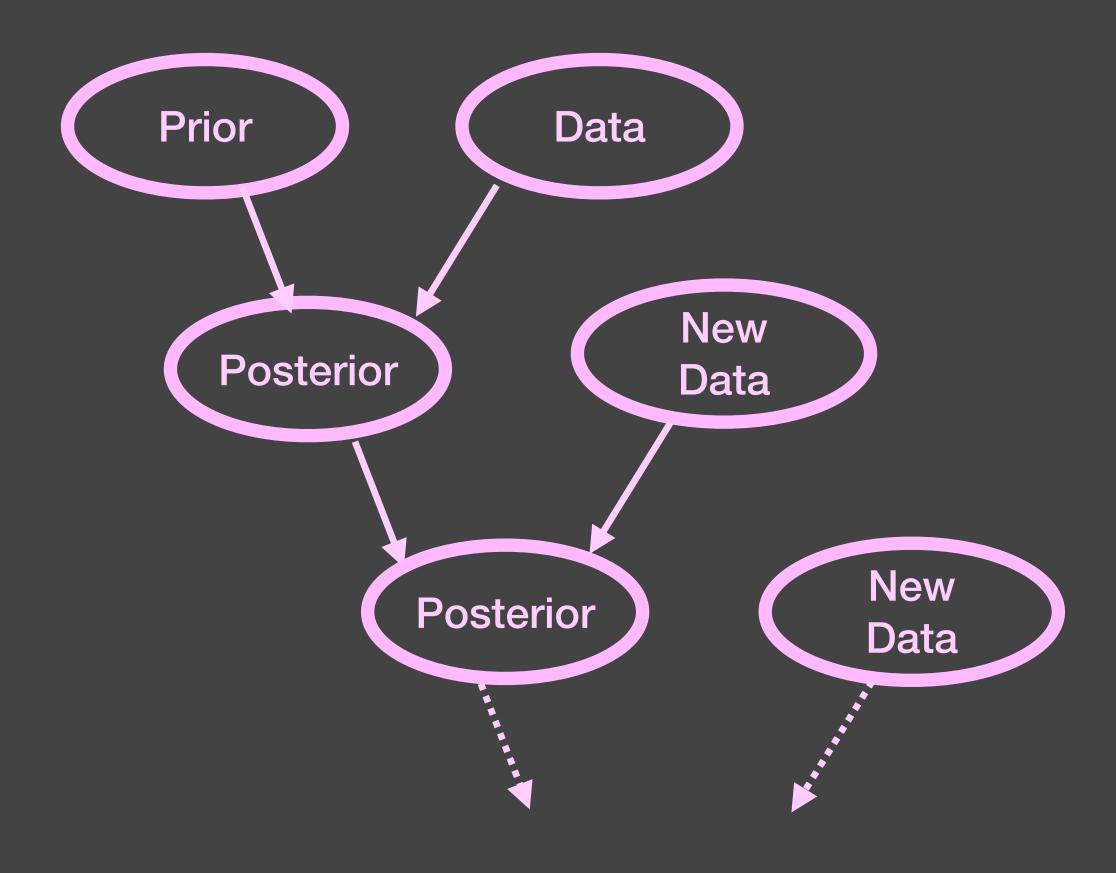


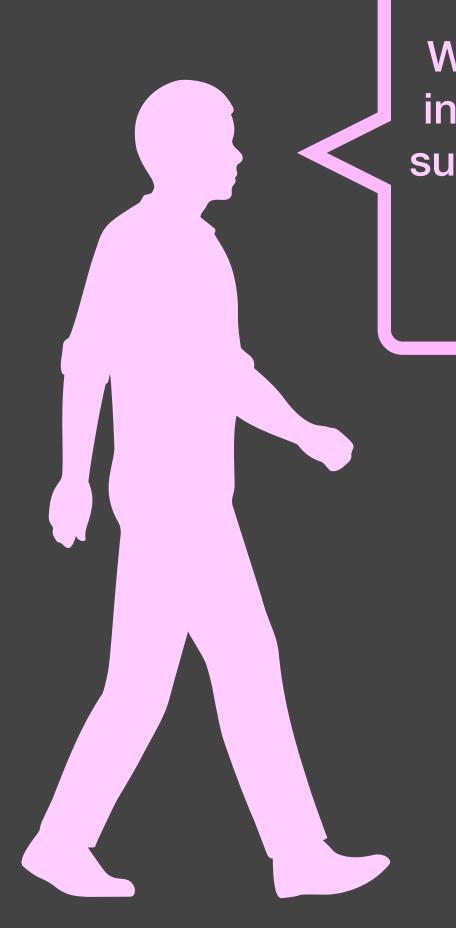
You teach sampling distribution to introductory level students? That must be so hard.

Frequentist

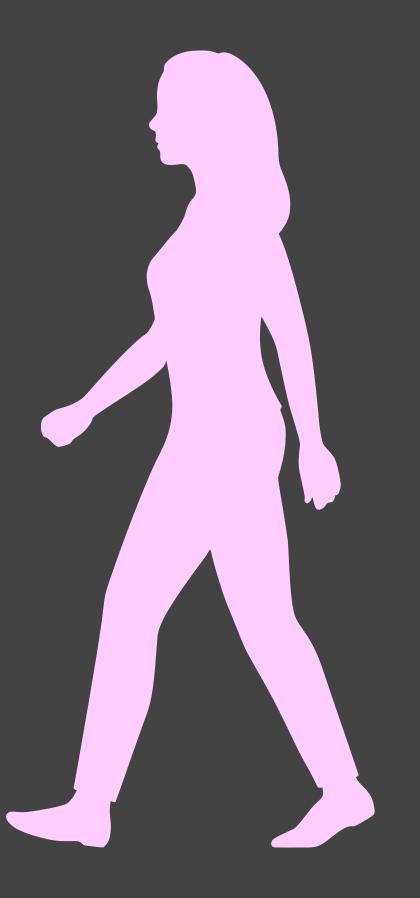


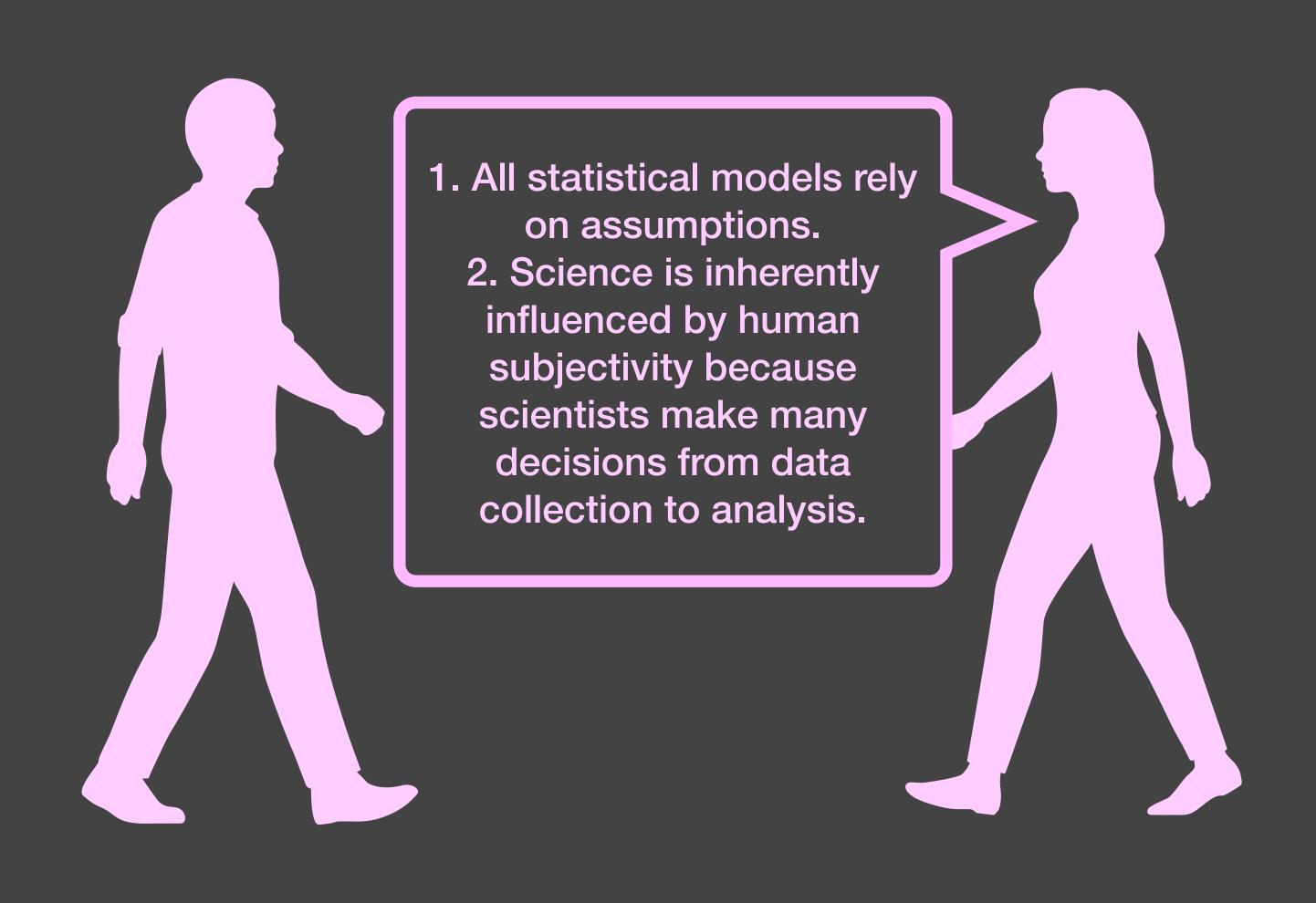
Bayesian





Wait! You use prior information? That's subjective!!! Science has no room for subjectivity.





WHY TEACH BAYESIAN?



Example

Suppose that during a recent doctor's visit, you tested positive for a very rare disease.

If you only get to ask the doctor one question, which would it be?

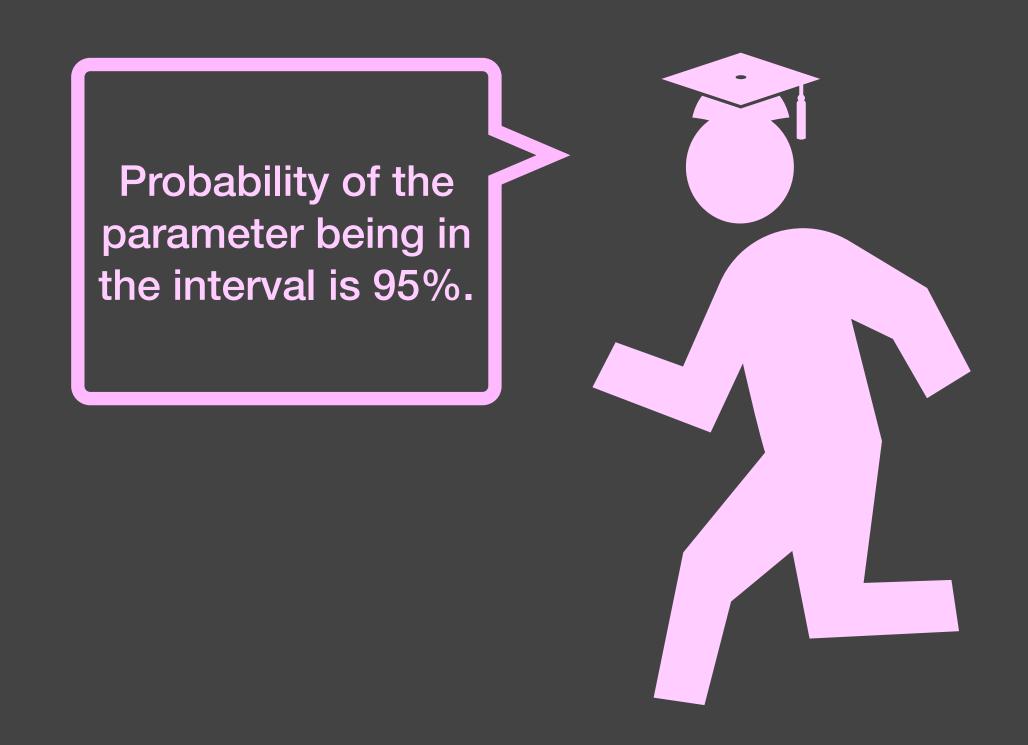
a. What's the chance that I actually have the disease given that I tested positive?

b. If in fact I don't have the disease, what's the chance that I would've gotten this positive test result?

Bayesian models can match students' intuition

So p-value is basically the probability of the hypothesis.





RESOURCES

- Join Undergraduate Bayesian Education Network Slack
- Check out undergrad-bayes.netlify.app (Textbooks, Papers, and Courses)
- Talk to me or Dr. Catalina Medina during USCOTS about our teaching experiences
- See resources from our STEM faculty training program <u>Bayes BATS</u> and hear Angela Ebeling and Zach del Rosario present their work from BATS.

BATS program is supported by NSF with award numbers 2215879, 2215920, and 2215709.

THANK YOU

- minedogucu.com
- bsky.app/profile/minedogucu.com
- m www.linkedin.com/in/minedogucu

Model SDS Educators

Welcome presentation - USCOTS 25 "Useful Models" Rachel Saidi, Montgomery College, Maryland





All models are wrong, some models are useful (1976).

-George Box (1919-2013)





Useful Models Talk



Welcoming



Inspiring



Thought Provoking



Unique



Relatable



USCOTS2025 Community Data

Tu-	Work City	Work Address	E Work ZIP/Postal CcI	-1	G	H	1	J	K	L	M	N	0	P	Q	CAUSE Institution	S S	-6-
Title	Work Lity	Work Address	Work ZIPPostal Ccl	at	lon	formatter na	me s	suburb	city	county	state	state_cod	postcode l	at	lon		Primary Affilia	
1																University of Illinois	Research Insti	
2																Other (not a CAUSE institutional member)	4-year College	
3																The Ohio State University	Research Insti	
4	Catonsville	456A Kent Ave	21228	39.2805	-76.736	456 A Kent A	venue	, Catons	Catonsville	Baltimor	r Maryla	n(MD	21228	39.2805	-76.73E	Other (not a CAUSE institutional member)	Research Insti	
5																Michigan State University	Research Insti	
6																North Carolina State University	Research Insti	
7																Wisconsin Lutheran College	4-year College	
8																Other (not a CAUSE institutional member)	4-year College	ė
9																Cal Poly at San Luis Obispo	Research Insti	itu
10																Grinnell College	4 ear College	e
11	Sarasota	6146 Turnbury Park Drive Apt 4104 Ap	34243	27.3907	-82.482	6146 Turnbu	ry Park	k Drive, S	Sarasota	Manatee	e Florida	FL	34243	27.3907	-82.482	Other (not a CAUSE institutional member)	4-year College	e
2																Other (not a CALISE institutional member)	4-vear College	a
3																Other (not a CAUSE institutional member)	4-year College	
4																University or California, Irvine	Research Insti	
5																Other (not a CAUSE institutional member)	Research Insti	
6																Other (not a CAUSE institutional member)	4-year College	
7																Other (not a CAUSE institutional member)	4-year College	
8	Winona	175 West Mark St. PO Box 5838	EE007	44 0477	01 042	Somsen So	manus L	Jall	Winona	Winona	hdimma	no halki	EE007	44 0477	01.043	Winona State University	4-year College	
9	wiriuria	I/O West Mark St. FU Dux 3030	33307	44.0477	-31.042	Sulliseri Su	inserir	ndii	WITIUTIA	WITIUTIA	Mirrines	SO IVIIVI	33307	44.0477	-31.042	Cal Poly at San Luis Obispo	4-year College	
0																Other (not a CAUSE institutional member)		
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1	Pella	1632 Birch Lane	50219	41.4195	-92.841	1632 Birch L	ane, Pe	ella, IA 5	Pella	Mahask	a lowa	IA	50219	41.4195	-92.84	Other (not a CAUSE institutional member)	4-year College	
2																Michigan State University	Research Insti	
3																Other (not a CAUSE institutional member)	Research Insti	
4																Iowa State University	Research Insti	
5																Other (not a CAUSE institutional member)	4-year College	
6																Other (not a CAUSE institutional member)	Research Insti	
7																Other (not a CAUSE institutional member)	Research Insti	.itu
8																Other (not a CAUSE institutional member)	2-year College	ė
9																Johnson County Community College	2-year College	e
0	Northampton	341 Prospect Street	1060	42.3305	-72.648	341 Prospec	Street	, Northar	r Northampton	Hampsh	n Massa	ch MA	1060	42.3305	-72.648	Amherst College	4-year College	e
n	Canton	15 Prospect St	13617	44.5999	-75.173	15 Prospect	Street,	Village of	Village of Ca	n Saint La	New Yo	orl NY	13617	44.5999	-75.173	Saint Lawrence University	4-year College	a
2																Other (not a CAUSE institutional member)	2-year College	8
3																Other (not a CAUSE institutional member)	4-year College	
4																Cal Poly at San Luis Obispo	4-year College	
5																Other (not a CAUSE institutional member)	High School	-
6																Other (not a CAUSE institutional member)	Exhibitor	
7																The Pennsulvania State University	Research Insti	áh
, 8 Senior Marketing Manager																Other (not a CAUSE institutional member)	Exhibitor	
9																Other (not a CAUSE institutional member)	4-vear College	
0																Other (not a CAUSE institutional member)	Research Insti	
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2																The Pennsulvania State University	Z-year College Research Insti	
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4																Michigan State University	Research Insti	
5																The Pennsylvania State University	4-year College	
6																Other (not a CAUSE institutional member)	4-vear College	e .

CAUSE
Institution:
Other (not a
CAUSE
institutional
member)



	A	В	С	D
1 CAUSE Institution		City	Stal	n
2	Other (not a CAUSE institutional mer			183
3	Iowa State University	Ames	IA.	18
4	Cal Poly at San Luis Obispo	San Luis Obispo	CA	16
5	Michigan State University	East Lansing	MI	14
6	University of Illinois	Urbana-Champaign	II.	12
7	Elon University	Elon	NC	8
8	The Pennsylvania State University	University Park	PA	7
9	University of Minnesota	Minneapolis, Saint R	MN	7
10	Saint Lawrence University	Canton	MY	6
11	Grinnell College	Grinnell	IA	5
12	Truman State University	Kirksville	MO	5
13	University of Georgia	Athens	GA	5
14	Winona State University	Winona	MN	5
15	Saint Olaf College	Northfield	MN	4
16	North Carolina State University	Raleigh	NC	3
17	The Ohio State University	Columbus	ОН	3
18	Arizona State University	Tempe, Phoenix, Me	AZ	2
19	Bucknell University	Lewisburg	PA	2
20	Cleveland State University	Cleveland	ОН	2
21	Dordt College	Sioux Center	IA	2
22	Grand Valley State University	Allendale, Grand Rap	MI	2
23	Gustavus Adolphus College	Saint Peter	MN	2
24	Joliet Junior College	Joliet	IL	2
25	Montana State University	Bozeman	MT	2
26	Northern Kentucky University	Highland Heights	KY	2
27	Oberlin College	Oberlin	OH	2
28	Smith College	Northampton	MA	2
23	UCLA	Los Angeles	CA	2
30	University of California, Irvine	Irvine	CA	2
31	Villanova University	Villanova	PA	2
32	Amherst College	Amherst	MA	- 1
33	Campbell University College of Pharr		NC	1
34	Capital University	Bexley	OH	1
35	Carleton College	Northfield	MN	- 1
36	Central Michigan University	Mount Pleasant	MI	1
37	Duke University	Durham	NC	1
38	Eastern Kentucky University	Richmond	KY	1
	Johnson County Community College		KS	1
39		Gambier	OH	
40	Kenyon College		MN	1
41	Macalester College	Saint Paul		1
42	Mayo Clinic	Rochester	MN	1
43	Moravian University	Bethlehem	PA	
44	University of California at Riverside	Riverside	CA	
45	University of California, Santa Barbar		CA	্ৰ
46	University of Florida	Gainesville	FL	1
47	University of New Mexico	Albuquerque	NM	
48	University of Northern Colorado	Greeley	CO	
49	University of Texas at El Paso	El Paso	TX	1
50	Wisconsin Lutheran College	Milwaukee	WI	1

USCOTS2025 Community Data

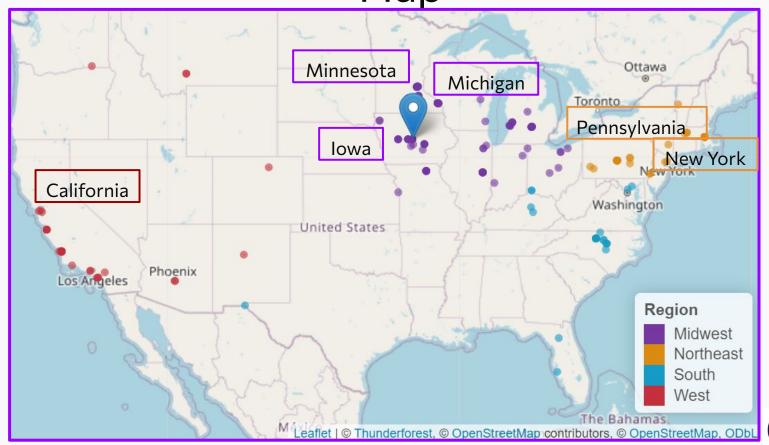
183 / 349

CAUSE Institution: Other (not a CAUSE institutional member)

	Faculty	Other	Student
four-year	183	5	30
Other	0	4	0
two-year	7	0	2



Map





THE FUN SCALE

NOT ALL OUTDOOR FUN IS CREATED EQUAL

TYPE !

TYPE 11 FUN

TYPE III

FUN

FUN

HURTS A BIT TO DO

NOT FUN TO DO

FUNTO DO

FUN TO REMEMBER BUT FUN IN RETROSPECT NOT FUN IN RETROSPECT



WANT TO KEEP GOING BACK FOR MORE

MOSTFULFILLING IN THE LONG RUN



... BUT MAKES A GREAT STORY

Sketchplanations

The Fun Scale



USCOTS 2025

THE FUN SCALE

NOT ALL OUTDOOR FUN IS CREATED EQUAL

TYPE !

FUN

TYPE ! FUN

TYPE III FUN

FUNTO DO

HURTS A BIT TO DO

NOT FUN TO DO

FUN TO REMEMBER BUT FUN IN RETROSPECT NOT FUN IN RETROSPECT





WANT TO KEEP GOING BACK FOR MORE

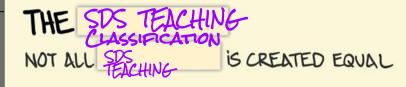
MOSTFULFILLING IN THE LONG RUN ... BUT MAKES A GREAT STORY

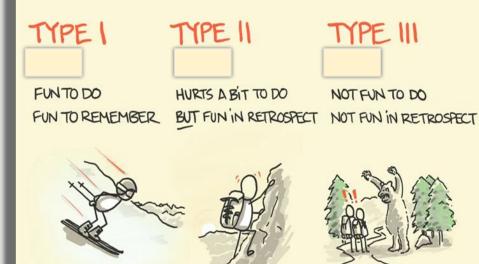
Sketchplanations

The Fun Scale Classification



USCOTS 2025





WANT TO KEEP GOING BACK FOR MORE

MOST FULFILLING IN THE LONG RUN ... BUT MAKES A GREAT STORY

Sketchplanations

The Fun
Statistics and
Data Science
(SDS)
Teaching
Classification



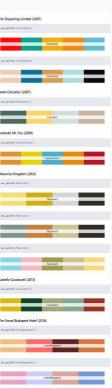
USCOTS 2025

Fun to do, fun to remember

Want to keep going back for more...

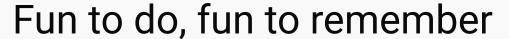
□ Update / learn new SDS techniques – visualize, model, render, publish, color (<u>Wes Anderson</u> and <u>Metbrewer</u> palettes)







USCOTS 2025



Want to keep going back for more...

- Update / learn new SDS techniques visualize, model, render, publish, color (<u>Wes Anderson</u> and <u>Metbrewer</u> palettes)
- Collaborate with colleagues and attend webinars and conferences
- Ingest Journals: Significance Magazine, Amstat News, Journal of SDS Ed, Scatterplot Journal (MAA), etc.
- Mentor incredibly talented, driven students (and faculty)
- Navigate Al







Hurts a bit to do, but fun in retrospect

Most fulfilling in the long run ...

Present a 5-minute welcome for the USCOTS





Hurts a bit to do, but fun in retrospect

Most fulfilling in the long run ...

- ☐ Present a 5-minute welcome for the USCOTS
- ☐ Host the DataFest for Two Year College event each year







Hurts a bit to do, <u>but</u> fun in retrospect

Most fulfilling in the long run ...

- ☐ Present a 5-minute welcome for the USCOTS
- Host the DataFest for Two Year College event each year
- Submit articles for publication and grant proposals
- Navigate Al

For Two-Year Colleges





Not fun to do, not fun in retrospect

But makes a great story (sometimes) ...

- ☐ Read rejection email about grant proposals
 - ☐ (Or) crickets about the decision



- Navigate the new SDS employment landscape
- Navigate Al



Enjoy the conference!

Gain some **type 1 and 2** knowledge and experiences



Thanks!

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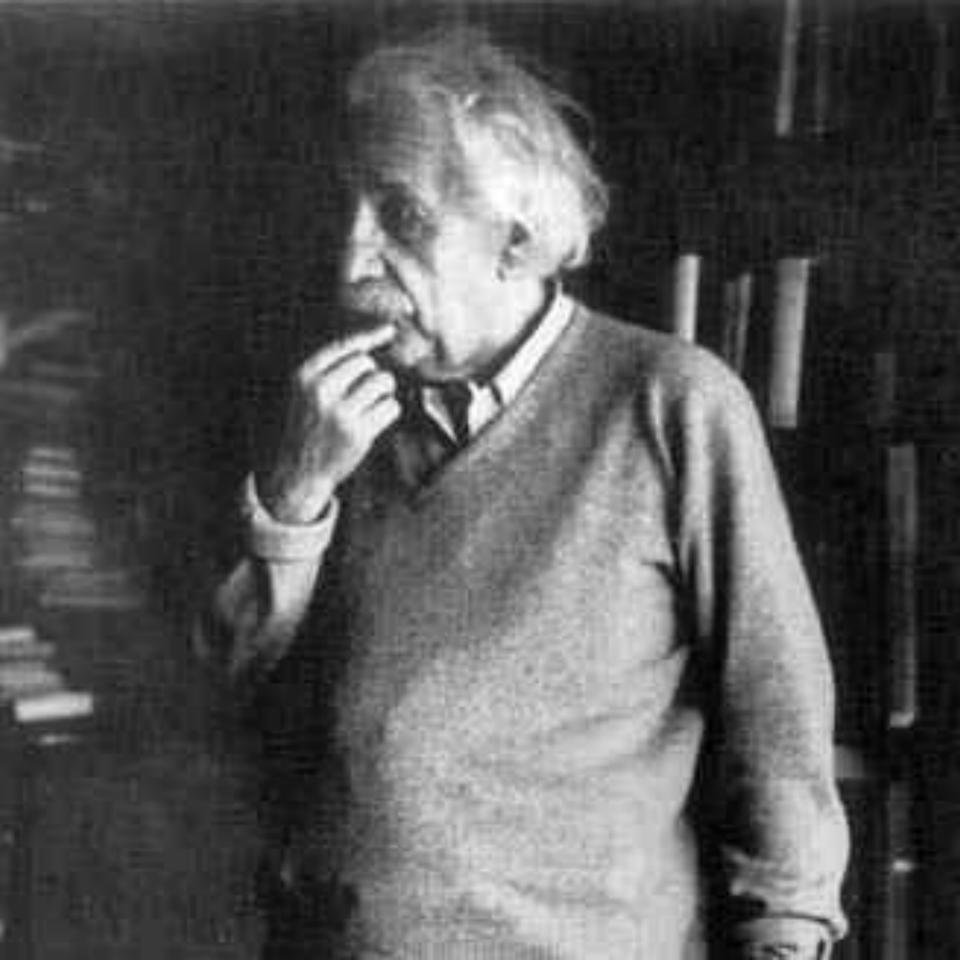
github.com/rjsaidi linkedIn

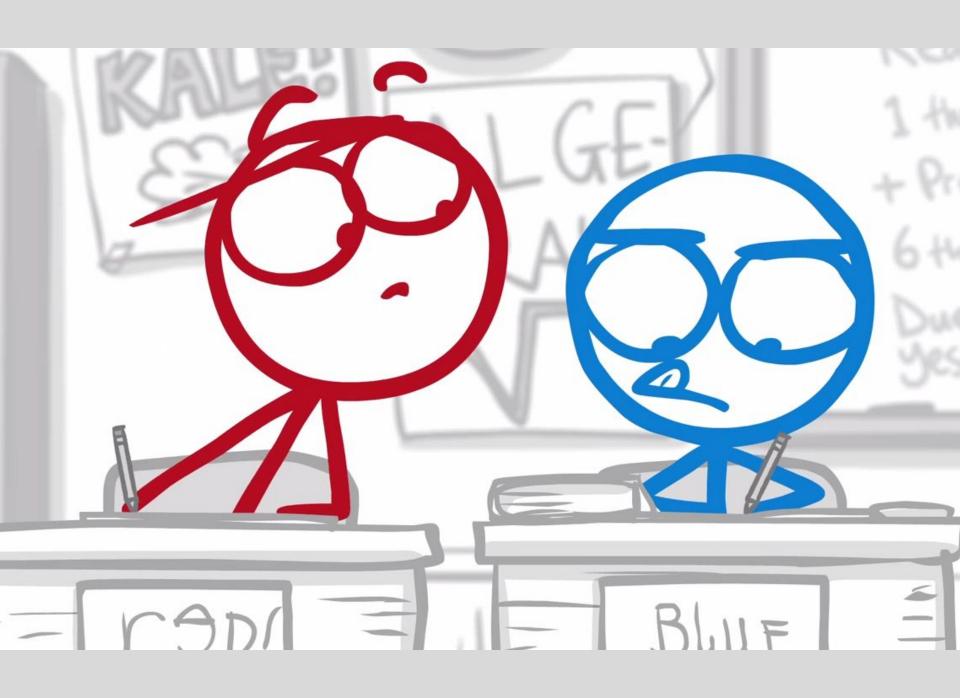
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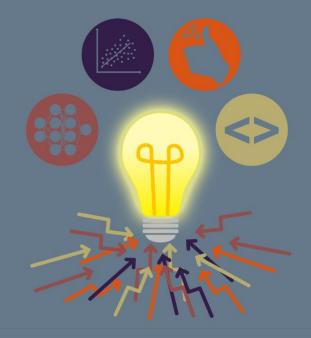












What else is happening at USCOTS 2025?

A Big Thanks to our Sponsors



















Stop by the exhibitor tables in Memorial Union.

Attend one of the remaining exhibitor sessions:

- Fri, 11:05 am: Solving Real-World Problems using the Minitab Solution Center (Gerdin 2464)
- Fri. 11:05 am: The New Face of SAS: Our Latest Platforms for Teaching and Learning (Gerdin 0330)
- Fri, 4:15 pm: Get Hands-On with the Free, Full-Featured JMP Student Edition (Gerdin 0129)
- Fri, 5:00 pm: Meet in the Middle: Leveraging Al to Support Personalized Learning (Macmillan) (Gerdin 0129)
- Sat, 11:00 am: Curious about the future of Intro Data Science and Statistics publisher resources? (Pearson) (Gerdin 2127)

Keynotes (Memorial Union Ballroom)



Fri 8:30 am:

Teaching about models:
A unifying topic?

Beth Chance



Fri 1:30 pm:

A no bullshit guide to programming with LLMs in R

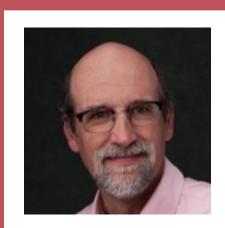
Hadley Wickham



Sat 8:30 am:

Students' "attention is all you need" to transform complexity to clarity

Prince Afriyie



Sat 1:15 pm:

Be effective; don't be significant

Jeff Witmer

Breakout Sessions



Fri 9:45 am:
Choose one of ten
different sessions!



Fri 2:45 pm:
Choose one of ten
different sessions!



Sat 9:45 am:
Choose one of eight different sessions!



Sat 2:30 pm:
Choose one of seven different sessions!

Posters and Beyond (MU Ballroom and Campanile)



Fri 11:15 am:

Come engage with 32 presenters!



Sat 11 am:

Come engage with 33 presenters!

Banquet + Awards (Memorial Union Ballroom)



6:30 pm:

Dinner Buffet



7:15 pm:

Banquet Presentation: Charting the course: Data science in K-12?

Zarek Drozda



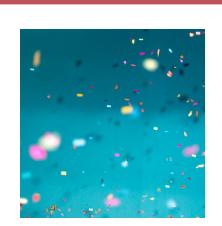
7:45 pm:

na Winners

A-Mu-Sing Winners

Recognition of awards
for the CAUSE

Community



8:05 pm:

George Cobb Lifetime Achievement Award in Statistics Education

Closing Session (Memorial Union Ballroom)









Sat 4:00 pm:

5 minute talks reflecting on the conference and the theme of "Useful Models"

How can I connect with other statistics and data science educators at USCOTS?

Lunch + Birds-of-a-Feather Discussions (MU Great Hall)



Fri noon: Lunch buffet

19 Birds-of-a-feather tables

Plenty of non-themed tables too!

(Pictured: Gouldian finches)



Sat noon: Lunch buffet

14 Birds-of-a-feather tables

Plenty of non-themed tables too!

(Pictured: Screech owls)

Explore Iowa State!

Lake LaVerne (nice place for a walk)
 Across Morrill Rd from MU
 If you are lucky, you may find the swan couple, Lancelot and Elaine!

- Cafés and restaurants (Campus Town)
 Across Lincoln Way from MU
- ISU Creamery (Food Science Building, RM 2955)
 0.3 miles from MU
- Reiman Gardens (Botanical garden)
 1.4 miles from MU
- Chocolaterie Stam (Old Town)
 2 miles from MU

CyRide is local public bus. Regular fare is \$1

Scavenger Hunt



USCOTS Scavenger Hunt

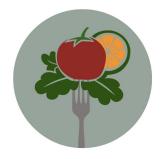


Work on your own or in pairs and complete the 2025 USCOTS scavenger hunt! Make a copy of the document at https://tinyurl.com/uscots2025scavenger or using the QR code above.

Complete the 16 items and be entered to win a prize!

Deadline: Saturday, July 19th at 12:00 pm. Winner announced at lunch.

Other Ways to Connect

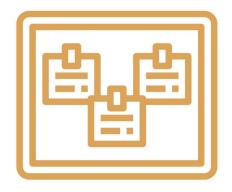




- Meals and snack times are great for networking.
- Snacks in Memorial Union:
 - Right after breakout sessions:
 - Fri & Sat: 11:00 11:15 am
 - Fri 2:30 2:45 pm
 - Sat 2:15 2:30 pm
- Meals baked into the program:
 - Fri & Sat 7:30 am: Continental Breakfast
 - Fri 12:30 pm: Lunch
 - o Fri 6:30 pm: Banquet
 - o Sat 12:15 pm: Lunch



Please join the discussion on the #uscots2025 channel within the CAUSE Slack Workspace.



On Fri & Sat, use the physical USCOTS bulletin board in the MU Ballroom.

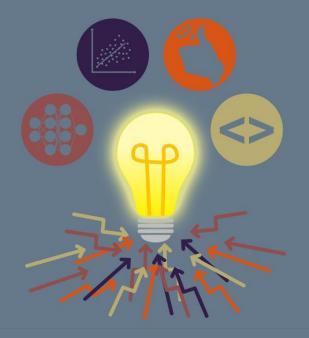
Logistics

Logistics Highlights

- Space:
 - Memorial Union: Keynotes, posters
 - Gerdin: All but one Breakout session
- Dorms:
 - Quiet hours start at 11pm
- ISU Creamery:
 - 12-5pm in Food Sciences Building
- Bulletin Board:
 - Great Hall Poster Wall
 - Connect with others, schedule meetings, offer/ask for ride shares
- Shuttles:
 - Shuttles to hotels run once every ~20 at the scheduled times.
 - If you scheduled a Saturday/Sunday shuttle and plan to cancel it, please cross your name off of the list posted at the bulletin board.

THANK YOU!

- ISU Department of Statistics.
- Graduate Student Shuttle Drivers:
 - o Cat, Sarah, Payton
- Other ISU Faculty, Students, and Staff
 - Alan, Anna 1, Anna 2, Amy, Ben, Dan,
 Debarshi, Kathy, Ulrike, Wes
- Special Thanks to our wonderful vendors!
 - All of the vendor items need to be put away in another room overnight. We would love some volunteers to help us move those items after we are done.



Have a great conference!