Communicating Research Results to Media and Policy Audiences

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Key Take Away

Presentations

K.I.S.S.
- Keep It Simple, Stupid

Publications

The title says it all

Keep It Simple, Stupid

Table 3. Multivariate Analysis for Red, White, and Processed Meat Intake and Total and Cause-Specific Mortality in Men in the National Institutes of Health–AARP Diet and Health Study[a]

Mortality in Men (n=322 263)	Q1	Q2	Q3	Q4	Q5	P Value for Trend
			Red Meat Intake[b]			
All mortality						
Deaths	437	7835	9366	10 988	13 350	
Basic model[c]	1 [Reference]	1.07 (1.03-1.10)	1.17 (1.13-1.21)	1.27 (1.23-1.31)	1.48 (1.43-1.52)	<.001
Adjusted model[d]	1 [Reference]	1.06 (1.03-1.10)	1.14 (1.11-1.18)	1.21 (1.17-1.25)	1.31 (1.27-1.35)	<.001
Cancer mortality						
Deaths	2136	2711	3309	3839	4448	
Basic model[c]	1 [Reference]	1.10 (1.04-1.16)	1.23 (1.16-1.29)	1.31 (1.24-1.39)	1.44 (1.37-1.52)	<.001
Adjusted model[d]	1 [Reference]	1.05 (0.99-1.11)	1.13 (1.07-1.20)	1.18 (1.12-1.25)	1.22 (1.16-1.29)	<.001
CVD mortality						
Deaths	1997	2304	2716	3256	3961	
Basic model[c]	1 [Reference]	1.02 (0.96-1.08)	1.10 (1.04-1.16)	1.24 (1.17-1.31)	1.44 (1.37-1.52)	<.001
Adjusted model[d]	1 [Reference]	0.99 (0.96-1.09)	1.08 (1.02-1.15)	1.18 (1.12-1.26)	1.27 (1.20-1.35)	<.001
Mortality from injuries and sudden deaths						
Deaths	184	216	228	288	343	
Basic model[c]	1 [Reference]	1.02 (0.84-1.24)	0.97 (0.80-1.18)	1.09 (0.90-1.31)	1.24 (1.03-1.49)	.01
Adjusted model[d]	1 [Reference]	1.06 (0.86-1.29)	1.01 (0.83-1.24)	1.14 (0.94-1.39)	1.26 (1.04-1.54)	.008
All other deaths						
Deaths	1268	1636	1971	2239	2962	
Basic model[c]	1 [Reference]	1.13 (1.05-1.22)	1.25 (1.17-1.35)	1.33 (1.24-1.42)	1.68 (1.57-1.80)	<.001
Adjusted model[d]	1 [Reference]	1.17 (1.09-1.26)	1.28 (1.19-1.38)	1.34 (1.25-1.44)	1.58 (1.47-1.70)	<.001

Enrollment Patterns

- Created a unique sequence to describe 18 semesters – 6 years – of enrollment information. For example:
  - E = Enrolled Undergraduate Student
  - T = Transient Undergraduate Student
  - R = Inter-System Undergraduate Transfer (Out of System)
  - A = Intra-System Undergraduate Transfer (Within the System)
  - C = Co-Enrolled Students
  - G = Graduated with Highest Degree
  - --- = No Enrollment Records

- EE-EE-EE-EEGGGGGGG ← 4 year graduation, no summers
- EE-AE-EEEEEEGGGGGG ← Intra-system transfer in 2nd fall, 4.5 year graduation

- Sample: 396,915 students who enrolled in between 2003—2008.

Successful Paths to Graduation

- Top 5 paths to graduation (approx. 37% of 4 to 5 year graduates)

|	
EE-EE-EE-EE-EGGGGG	Traditional student enrollment pattern
EE-EEEEEEEEEEGGGGG	After freshman year enrolled until graduation
EEEEEEEEEEEEEGGGGG	No breaks – enrolled to graduation
EE-EE-EEEEEEEGGGGG	After sophomore year enrolled to graduation
EE-EE-EE-EEEEGGGGG	Traditional but stay enrolled after 4th year

Enrollment Patterns: Top Paths to Graduation

Top 20 Paths to Graduation by Term - All Students Regardless of Starting Semester or Degree Program

4 yrs Term 12	Students	4 yrs + 1 term Term 13	Students	4 yrs + 2 terms Term 14	Students	5 yrs Term 15	Students
EE-EEEEEEEEGGGGGGG	4,972	EEEEEEEEEEEEGGGGGG	1,647	EE-EE-EE-EE-EGGGGG	1,545	EE-EE-EE-EE-EEGGGG	1,690
EE-EE-EE-EEGGGGGGG	4,512	EE-EEEEEEEEGGGGGG	1,187	EE-EEEEEEEEEEGGGGG	1,471	EE-EE-EE-EEEEEGGGG	1,266
EE-EE-EEEEEGGGGGGG	4,335	EE-EE-EEEEEEGGGGGG	1,113	EEEEEEEEEEEEEGGGGG	1,448	EE-EE-EEEEEEEEGGGG	1,165
EEEEEEEEEEEEGGGGGGG	4,100	EE-EE-EE-EEGGGGGG	748	EE-EE-EEEEEEEGGGGG	1,302	EE-EEEEEEEEEEEGGGG	1,135
EE-EEEEE-EEGGGGGGG	2,614	EE-EEEEE-EEEGGGGGG	389	EE-EE-EE-EEEEGGGGG	1,190	EEEEEEEEEEEEEEGGGG	1,097
EEEEE-EEEEEGGGGGGG	1,336	EEEEE-EEEEEGGGGGG	315	EE-EEEEEEEE-EGGGGG	834	EE-EE-EEEEE-EEGGGG	675
EEEEEEEE-EEGGGGGGG	1,263	EEE-EEEEEEEGGGGGG	279	EE-EE-EEEEE-EGGGGG	817	EE-EEEEE-EEEEEGGGG	573
EEEEE-EE-EEGGGGGGG	907	EEEEEEEE-EEGGGGGG	203	EE-EEEEE-EE-EGGGGG	589	EE-EEEEEEEE-EEGGGG	494
EETEEEEEEEGGGGGGG	892	EEEEEEEEE-EEGGGGGG	184	EE-EEEEE-EEEEGGGGG	542	EE-EEEEE-EE-EEGGGG	491
EETEE-EEEEGGGGGGG	523	EEEEEE-EEEEGGGGGG	178	EEEEEEEEEEE-EGGGGG	528	EEEEE-EEEEEEEGGGG	428
EETEEEEE-EEGGGGGGG	425	EEE-EE-EEEEGGGGGG	169	EEEEE-EEEEEEGGGGG	480	EEEEEEEE-EEEEEGGGG	368
EE-EETEEEEGGGGGGG	339	EETEEEEEEEEEGGGGGG	159	EEEEEEEE-EEEGGGGG	343	EEEEEEEEEE-EEGGGG	340
EEEEEEAEEEEGGGGGGG	302	EEE-EEEEE-EEGGGGGG	134	EEEEEEEE-EE-EGGGGG	293	EEEEE-EE-EE-EEGGGG	312
EETEE-EE-EEGGGGGGG	293	EEEEEEAEEEEGGGGGG	133	EEEEE-EEEEE-EGGGGG	283	EEEEE-EE-EEEEEGGGG	272
EEEEE-AEEEEGGGGGGG	260	EEEEE-EE-EEEGGGGGG	130	EEEEE-EE-EEEEGGGGG	280	EEEEEEEE-EE-EEGGGG	247
EE-AEEEEEEGGGGGGG	239	EEE-EE-EE-EEGGGGGG	126	EEEEE-EE-EE-EGGGGG	271	EEEEE-EEEEE-EEGGGG	206
EETEETEEEEGGGGGGG	218	EE-EE-AEEEEGGGGGG	106	EE-EE-AEEEEEGGGGG	175	EE-EE-AE-EE-EEGGGG	202
EE-EE-AEEEGGGGGGG	197	EEEEEE-EE-EEGGGGGG	105	EETEEEEEEEEEGGGGG	174	EE-EE-AE-EEEEGGGG	187
EEEEEAEEEEGGGGGGG	173	EEEEEEEEEE-GGGGGG	99	EEEEEEAEEEEEGGGGG	124	EE-EE-AEEEEEEGGGG	185
EE-EETEE-EEGGGGGGG	171	EEEEE-AEEEEGGGGGG	94	EEEEE-AEEEEEGGGGG	120	EE-EE-EE-AEEEGGGG	135
Other graduation paths	*7,369*	*Other graduation paths*	*5,467*	*Other graduation paths*	*10,546*	*Other graduation paths*	*12,686*
Total Graduates	35,440		12,965		23,355		24,154
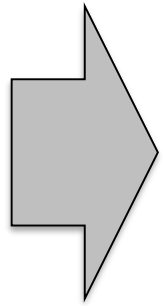
Using data to support students to graduation

Enrollment Pattern Analysis

- Analyzed nearly 400,000 student records

- Created unique 18 character string representing 18 semesters or 6 years of enrollment

- More than 20,000 different unique paths to graduation within 6 years

Using data to support students to graduation

- Most common paths to graduation:
  - Traditional student enrollment pattern

  - No breaks – enrolled continuously to graduation

  - Start as a traditional student and then transitions to a continuously enrolled student until graduation

- Many students who graduated in four years took at least one class at another institution as a transient student

The CHRISTIAN SCIENCE MONITOR

ENVIRONMENT

Six Feet Of
13.1 Million

the continental United S...

TIME | Science

Sea Level Rise and Polar Melting

Millions projected to be at risk from sea-level rise in the continental United States, Nature Climate Change — Hauer, Evans, and Mishra

This study estimates that three to six feet of sea level rise will inundate between 4.2 and 13.1 million Americans by the end of the century. Most estimates of future sea level rise impacts assume the same number of people will live on our coasts in the future as there are today, which ignores the trend of people moving to our coastlines. This study projects how many more people might move into coastal areas and put themselves at risk (unless we deter people from doing so).There are a multitude of sea level rise studies, none of which give good news, just varying degrees of how bad it could be. This one's no different, but gives us a clearer picture of why we need to do things differently...very differently.

Takeaway: The ocean's getting higher and it's riskier to live on the coast...so why do so many people still want to live there? Go there for the beach and stay for the...well, um...don't stay.

CLIMATE CHANGE

See How Y...
Rising Sea...

...million
...o move

E EDUCATE EVENTS

THE TIMES OF INDIA
HOME

🏠 City India World Business Tech Cricket Spo...

News Home

Millions in US a...
Study
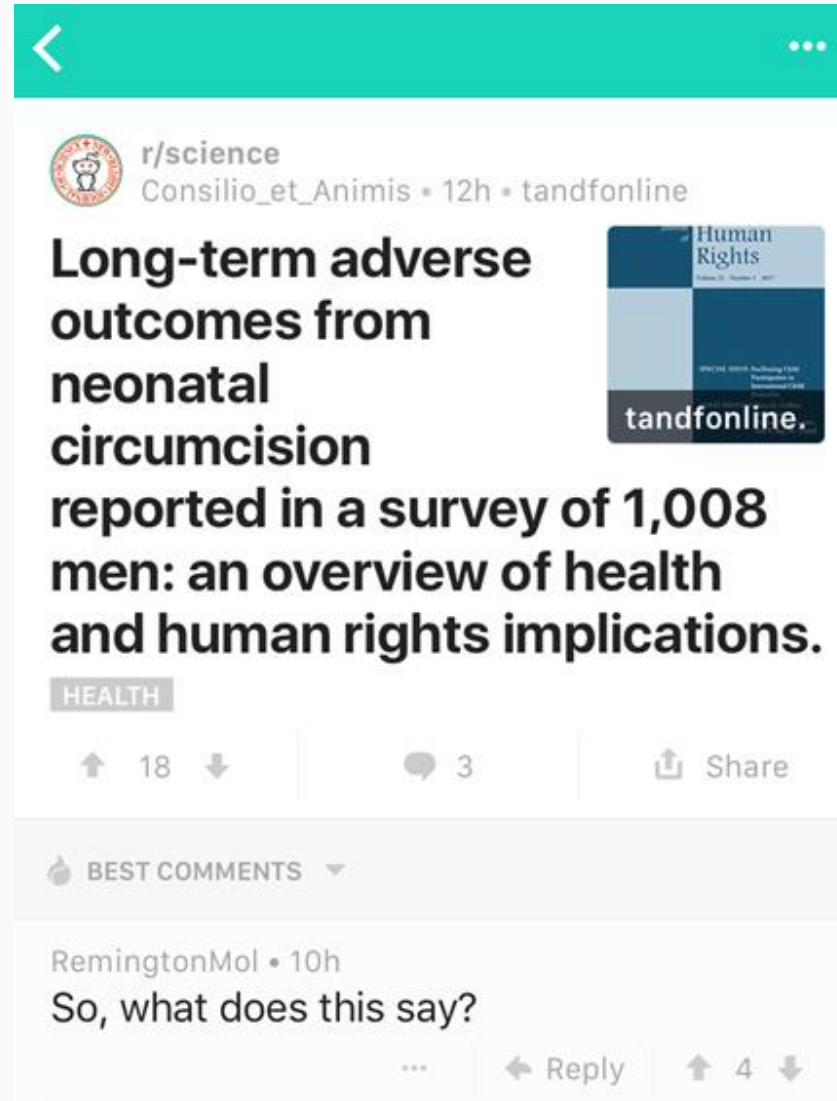
Investigating Sea Level Rise on a Local Level

The Title Says it All

Millions projected to be at risk from sea-level rise in
the continental United States

- 270+ news articles

- 37 interviews

- 21st most discussed article published on Climate Change in 2016

- 172nd most discussed article out of 277,000+ scientific articles

The Title Says it All

The Title Says it All

Medical error—the third leading cause of death in the US

Meeting the Sustainable Development Goals leads to lower world population growth

World population stabilization unlikely this century

Heat stress increases long-term human migration in rural Pakistan

the**bmj**

PNAS

Science

NATURE CLIMATE CHANGE

The Title Says it All

NATURE CLIMATE CHANGE | LETTER

Migration induced

Mashable ▾   VIDEOS ▾   MORE ▾   🔍 f y g+

Sea level rise could send U.S. 'climate

Set Weather ✔

Greater New Orleans

Rising sea to displace
study says; see where

MOTHERB

CLIMATE CHANGE

**New Simulati
Predict the U
States' Comi
Climate Change Mass
Migration**

WIRES

Australia | Femail | Health | Scien

ush some U.S.
r from coast

Sea level rise to trigger
human migration, reshape
inland cities

As sea levels rise, where will all the people go?

Climate change could do a number on inland cities

Carl Vinson Institute of Government
UNIVERSITY OF GEORGIA

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