

SIMONA CERRATO | 8 OCTOBER 2021

SCIENTIFIC COMMUNICATION TECHNIQUES: BASICS OF SCIENCE COMMUNICATION

COMMUNICATING RESEARCH

NO COMMUNICATION



NO RESEARCH

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All subject areas

All subject categories

All regions / countries

All types

2018

 Only Open Access Journals
 Only SciELO Journals
 Only WoS Journals ?

Display journals with at least 0

Citable Docs. (3years)

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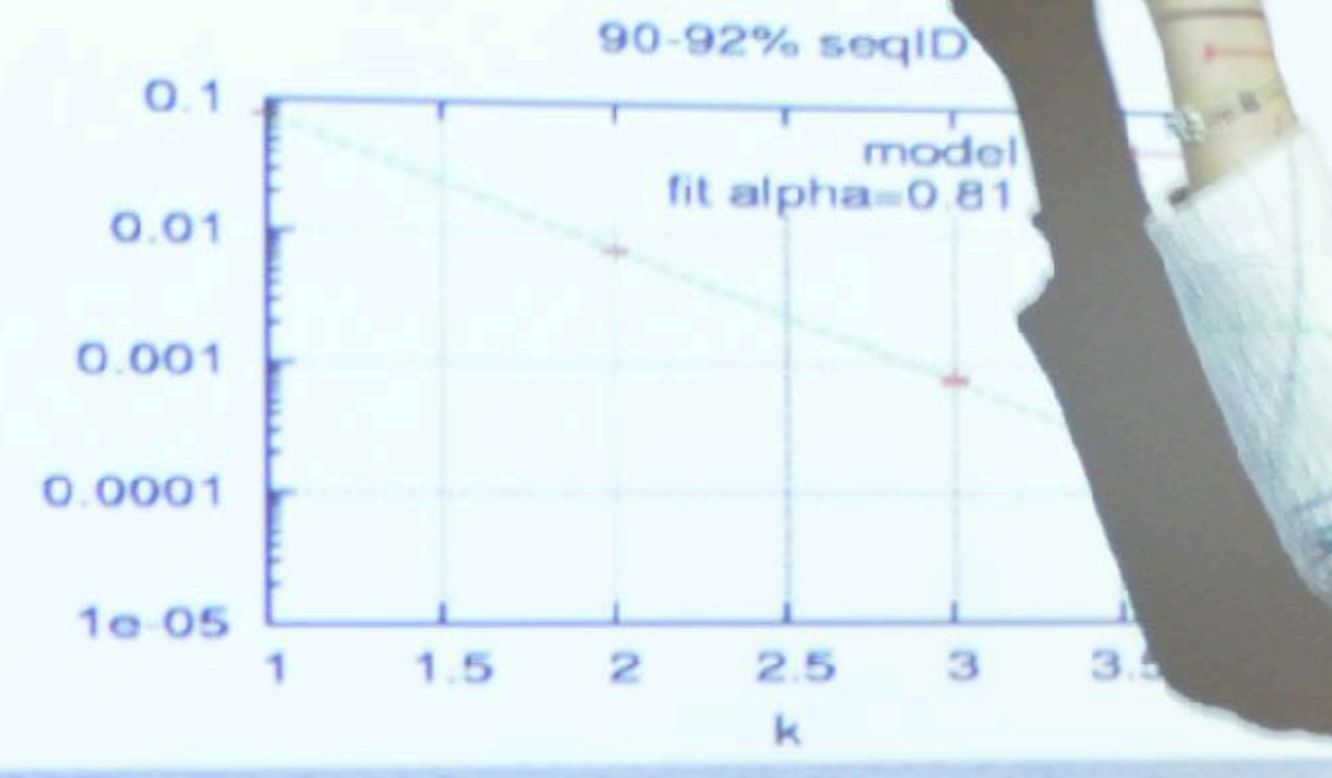
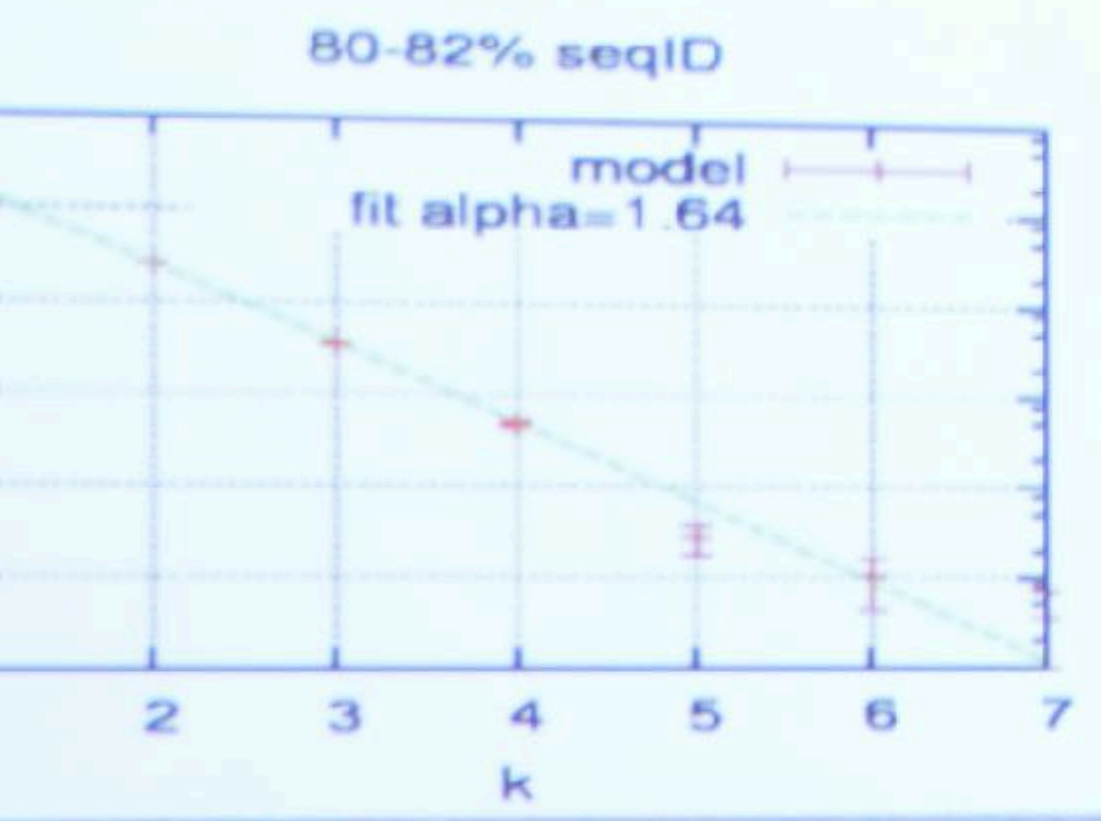
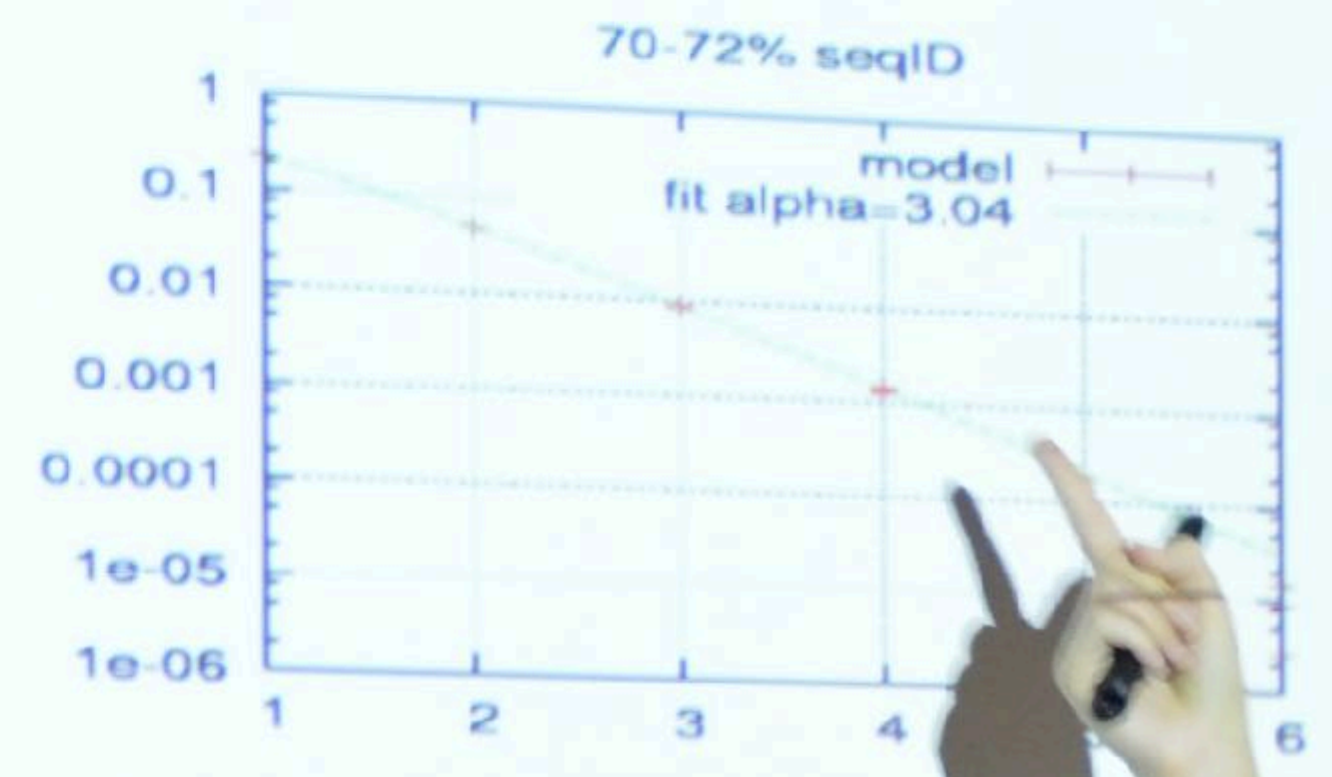
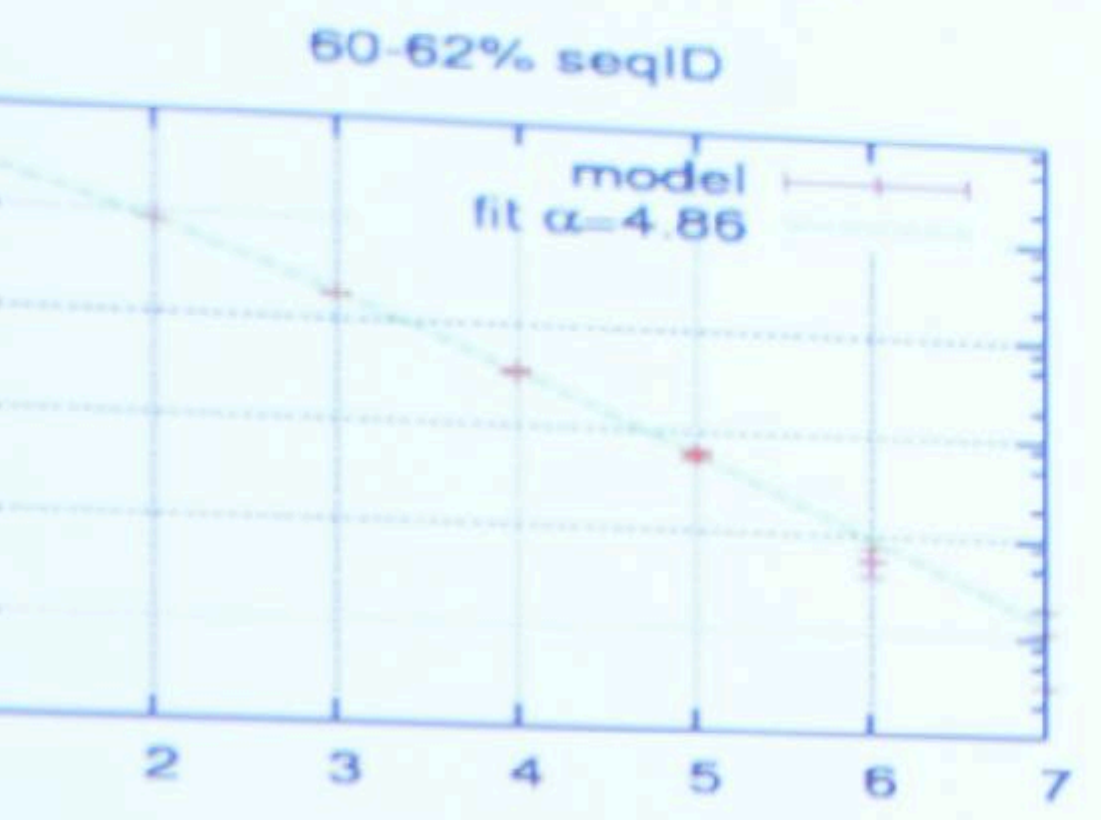
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1 - 50 of 31971

Title	Type	↓ SJR	H index	Total Docs. (2018)	Total Docs. (3years)	Total Refs. (2018)	Total Cites (3years)	Citable Docs. (3years)	Cites / Doc. (2years)	Ref. / Doc. (2018)	
1 CA - A Cancer Journal for Clinicians	journal	72.576 Q1	144	45	127	3078	20088	103	206.85	68.40	
2 MMWR. Recommendations and reports : Morbidity and mortality weekly report. Recommendations and reports / Centers for Disease Control	journal	48.894 Q1	134	3	12	559	1043	12	86.00	186.33	
3 Nature Reviews Materials	journal	34.171 Q1	61	99	195	8124	7297	104	70.16	82.06	
4 Quarterly Journal of Economics	journal	30.490 Q1	228	40	124	2498	1495	120	12.81	62.45	
5 Nature Reviews Genetics	journal	30.428 Q1	320	110	387	7954	6395	153			

Istantanea schermo

modeled by a negative-binomial distribution



AXIOMATA SIVE LEGES MOTUS

Lex. I.

Corpus omne perseverare in statu suo quiescendi vel movendi uniformiter in directum, nisi quatenus a viribus impressis cogitur statum illum mutare.

Projectilia perseverant in motibus suis nisi quatenus a resistentia aeris retardantur & vi gravitatis impelluntur deorsum. Trochus, cujus partes cohaerendo perpetuo retrahunt sese a motibus rectilineis, non cessat rotari nisi quatenus ab aere retardatur. Majora autem Planetarum & Cometarum corpora motus suos & progressivos & circulares in spatiis minus resistentibus factos conservant diutius.

Lex. II.

Mutationem motus proportionalem esse vi motrici impressae, & fieri secundum lineam rectam qua vis illa imprimitur.

Si vis aliqua motum quemvis generet, dupla duplum, tripla tripulum generabit, sive simul & semel, sive gradatim & successive impressa fuerit. Et hic motus quoniam in eandem semper plagam cum vi generatrice determinatur, si corpus antea movebatur mo-

Actioni contrariam semper & aequalem esse reactionem: sive corporum duorum actiones in se mutuo semper esse aequales & in partes contrarias dirigi.

Quicquid premit vel trahit alterum, tantundem ab eo premitur vel trahitur. Siquis lapidem digito premit, premitur & hujus digitus a lapide. Si equus lapidem funi allegatum trahit, retrahitur etiam & equus aequaliter in lapidem: nam funis utrinque distentus eodem relaxandi se conatu urgebit Equum versus lapidem, ac lapidem versus equum, tantumque impedit progressum unius quantum promovet progressum alterius. Si corpus aliquod in corpus aliud impingens, motum ejus vi sua quomodocumque mutaverit, idem quoque vicissim in motu proprio eandem mutationem in partem contrariam vi alterius (ob aequalitatem pressionis mutuae) subibit. His actionibus aequales fiunt mutationes non velocitatum sed motuum, (scilicet in corporibus non aliunde impeditis:) Mutationes enim velocitatum, in contrarias itidem partes factae, quia motus aequaliter mutantur, sunt corporibus reciproce proportionales.

Corol. I.

Corpus viribus conjunctis diagonalem parallelogrammi eodem tempore describere, quo latera separatis.

Si corpus dato tempore, vi sola *M*, ferretur ab *A* ad *B*, & vi sola *N*, ab *A* ad *C*, compleatur parallelogrammum *ABDC*, & vi utraq; feretur id eodem tempore ab *A* ad *D*. Nam quoniam vis *N* agit secundum lineam *AC* ipsi *BD* parallelam, haec vis nihil mutabit velocitatem accedendi ad lineam illam *BD* vi sola



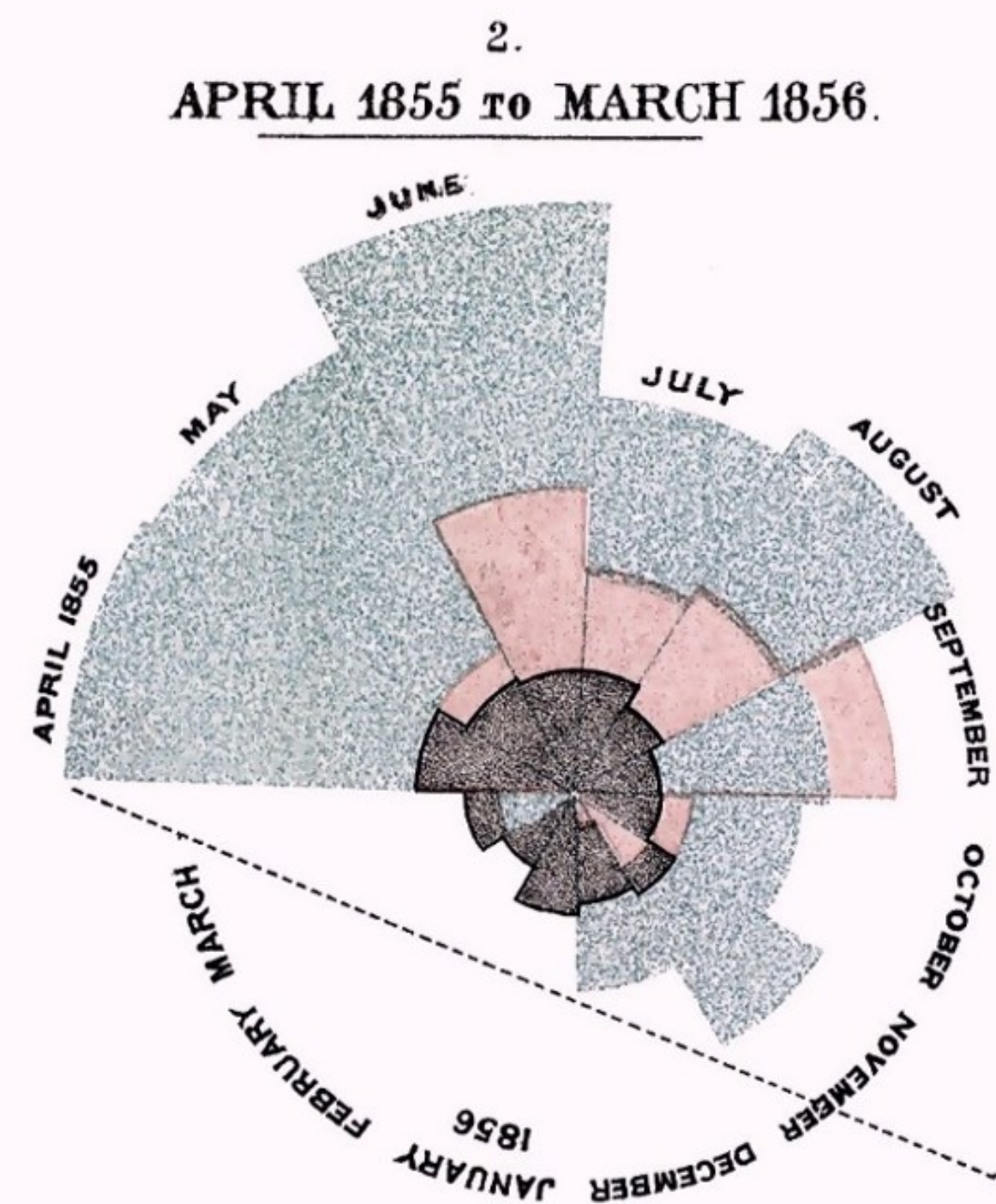
ME- TER	HÖHEN- MESSUNGEN in verschiedenen Witterungen	CULTUR des Landes nach verschiedenen Jahren	ANZAHL DER Pflanzen in verschiedenen Jahren	BRUCK DER Länder in verschiedenen Jahren	TOI- SEN
10000					
9000					
8000					
7000					
6000					
5000					
4000					
3000					
2000					
1000					
0					



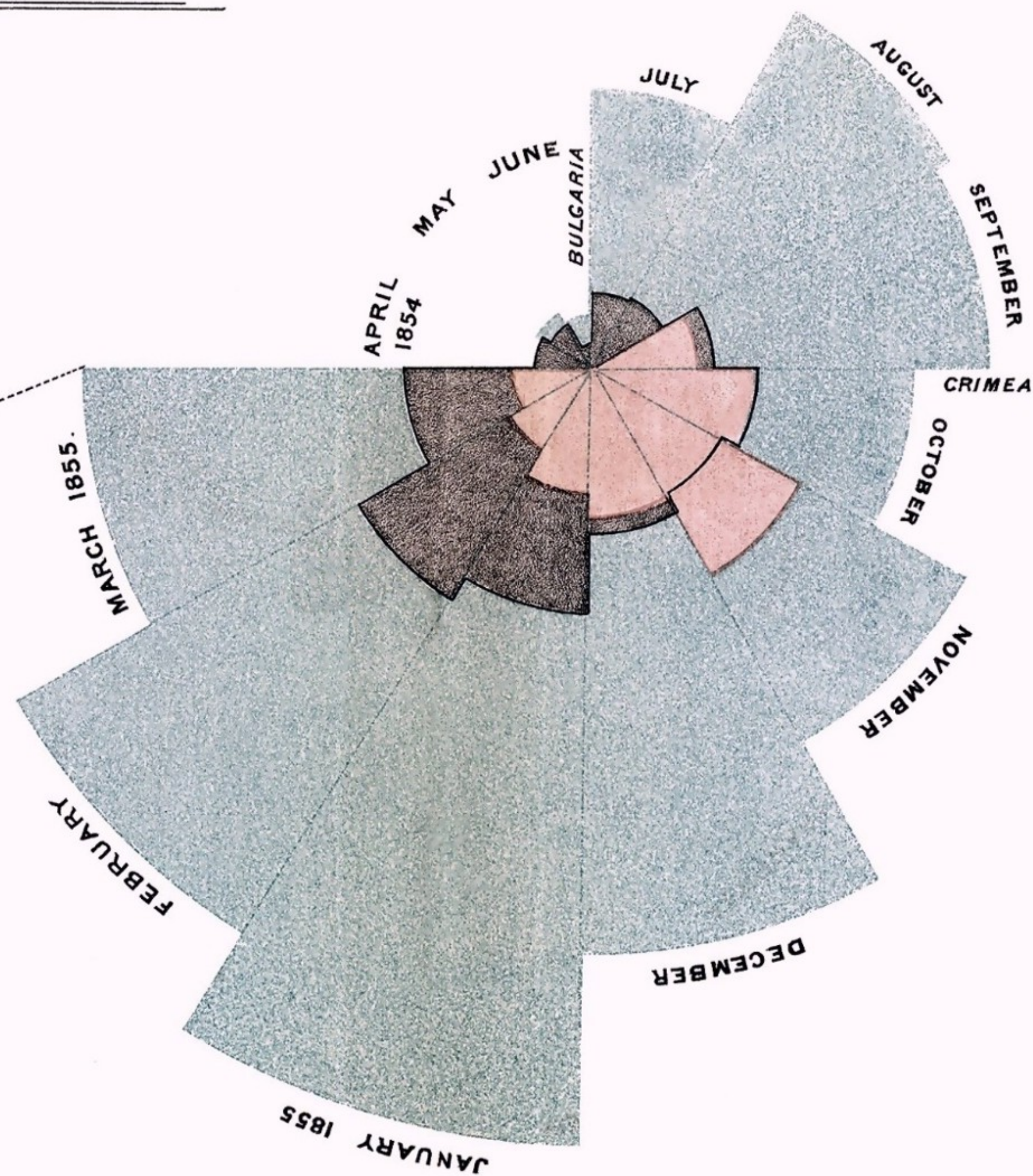
ME- TER	ANZAHL DER Pflanzen in verschiedenen Jahren	BRUCK DER Länder in verschiedenen Jahren	TOI- SEN
10000			
9000			
8000			
7000			
6000			
5000			
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3000			
2000			
1000			
0			

Geographie der Pflanzen in den Tropen-Ländern;

DIAGRAM OF THE CAUSES OF MORTALITY IN THE ARMY IN THE EAST.



1.
APRIL 1854 TO MARCH 1855.



The Areas of the blue, red, & black wedges are each measured from the centre as the common vertex.

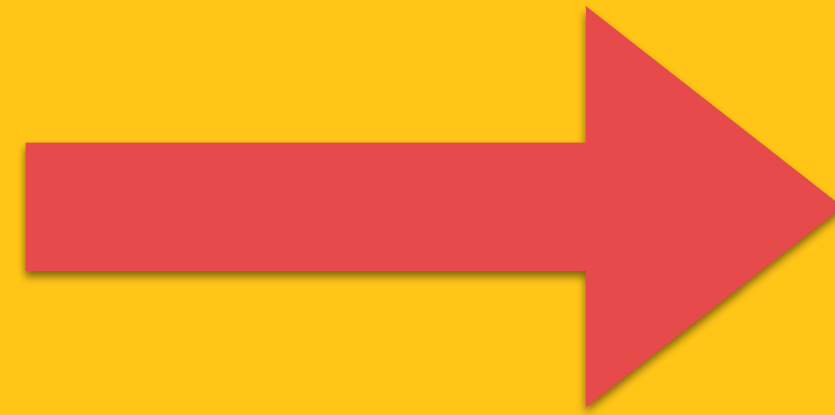
The blue wedges measured from the centre of the circle represent area for area the deaths from Preventible or Mitigable Zymotic diseases; the red wedges measured from the centre the deaths from wounds; & the black wedges measured from the centre the deaths from all other causes.

The black line across the red triangle in Nov. 1854 marks the boundary of the deaths from all other causes during the month.

In October 1854, & April 1855, the black area coincides with the red; in January & February 1856, the blue coincides with the black.

The entire areas may be compared by following the blue, the red & the black lines enclosing them.

RESEARCHERS



IMPACT

ACADEMIC IMPACT

- Your author name
- Write informative titles and abstracts
- Multi-authored outputs
- Cross-disciplinary research
- Build communication and dissemination plans
- Put any output to the open web

EXTERNAL IMPACT

Everything that has an effect, change or benefit to the economy, society, culture, public policy or services, health, the environment or quality of life beyond academia.

SCIENCE COMMUNICATION

All the practices and theories related to the communication of scientific topics to the publics

**IN YOUR OPINION, DO RESEARCHERS HAVE
THE DUTY TO COMMUNICATE WITH THE
PUBLIC?**

PRACTITIONERS



Science centres, museums, Exhibitions

NEWS

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Science



Money on the agenda at Milan climate talks

After the jeers of Greta Thunberg, ministers meet in Italy for the last UN talks before a major climate summit.

6h | Science & Environment

- Can green energy power Africa's future?
- The global climate summit explained



Virgin Galactic cleared to resume space flights

Sir Richard Branson can launch his rocket plane again after making changes to flight procedures.

25m | Science & Environment



Brexit paves the way for gene-edited crops

Ministers will relax regulation of gene-edited crops to allow their commercial growing in England.

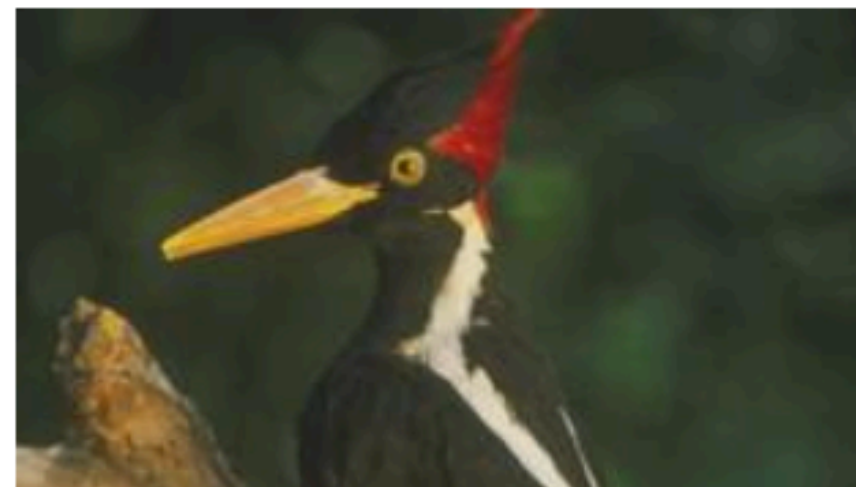
1d | Science & Environment



New dinosaur species unearthed by fossil hunters

About 50 bones of the carnivorous dinosaurs are found on a beach in southern England.

24h | Hampshire & Isle of Wight



US declares 23 bird, fish and other species extinct

The ivory-billed woodpecker is among the 23 species listed by the US Fish and Wildlife Service.

18h | US & Canada



Scorching La Palma lava fizzes as it hits ocean

Clouds of steam rise as the red-hot current makes contact with the Atlantic on the Spanish island.

1d | Europe



Greta Thunberg: 'Build back better, blah, blah, blah'

Greta Thunberg, the climate activist, uses a speech to mock world leaders, including UK PM Boris Johnson.

1d | World

Informal education, after school programs



Citizen science, participatory projects, etc.



Risk communication



AND MANY OTHERS

SCHOLARS



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Course list



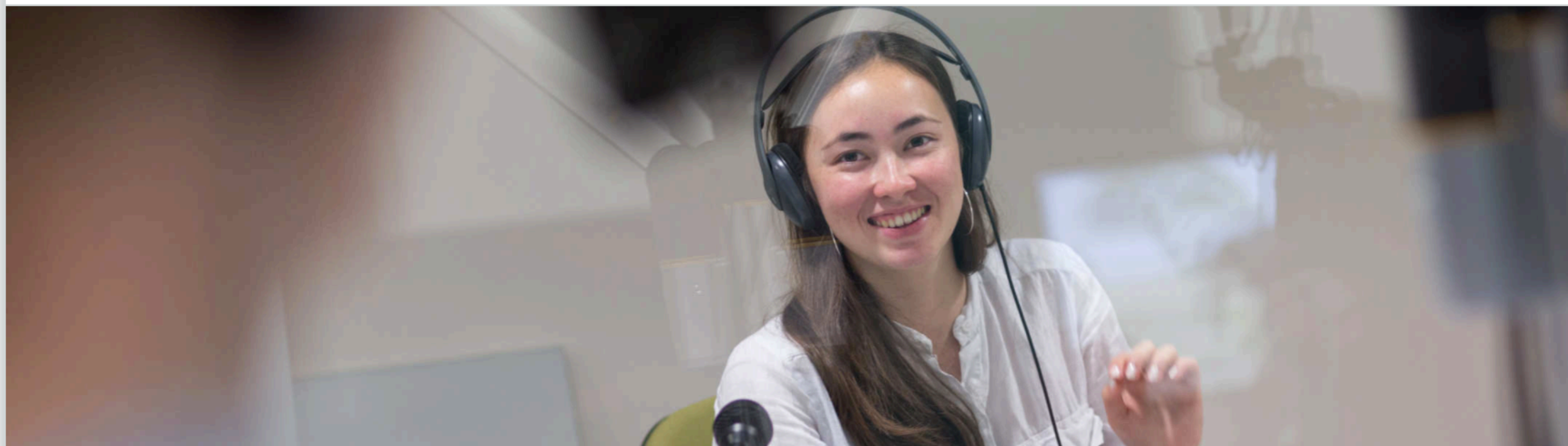
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29/09/2021

Article

Understanding knowledge and perceptions of genome editing technologies: a textual analysis of major agricultural stakeholder groups

by [Matthew Robbins](#), [Christopher Calabrese](#), [Jieyu Ding Featherstone](#) and [George A. Barnett](#)

The promise of CRISPR–Cas9 (CRISPR) genomic editing applied to agriculture is promoted widely by scientists. We utilized textual analysis methods to compare perceptions of this innovation held by various stakeholder groups — scientists, policymakers, farmers, and the general public. Results reveal distinctions in the...

27/09/2021

Essay

Co-created citizen science: challenging cultures and practice in scientific research

by [Jade Gunnell](#), [Yaela Golumbic](#), [Tess Hayes](#) and [Michelle Cooper](#)

Co-created citizen science offers practical tools for implementing science

Special Issue on Participatory Science Communication for Transformation

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RETHINK workshop #2 Good quality science communication in a digital world

The so called infodemic around Covid 19 and the rise of misinformation has raised once

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ISSN 2399-8121 (Online)



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Volume 30 Issue 7, October 2021






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Articles



Masculinity in the public image of physics and mathematics: a new model comparing Japan and England

Yuko Ikkatai , Atsushi Inoue , Azusa Minamizaki , Kei Kano , Euan McKay , Hiromi M. Yokoyama 

First Published March 23, 2021; pp. 810–826

[Abstract](#)

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- Civil Security for Society
- Digital, Industry and Space
- Climate, Energy and Mobility
- Food, Bioeconomy, Natural Resources, Agriculture and Environment

Joint Research Centre

Pillar 3

Innovative Europe

European Innovation Council

European innovation
ecosystems

European Institute of
Innovation
and Technology

Widening Participation and Strengthening the European Research Area

Widening participation and spreading excellence

Reforming and Enhancing the European R&I system

WE ARE NOT ALONE

colours of cooperation



NETWORKS | SCIENCE COMMUNICATION

- **EUSEA – European Science Engagement Association**
- **Gong – The Pan-African Network for the Popularization of Science & Technology and Science Communication**
- **PCST – Public Communication of Science and Technology**
- **RedPOP – Red de Popularización de la Ciencia y la Tecnología en América latina y el Caribe**

NETWORKS | EDUCATION

- **STEAM Resources of UNESCO**
- **STEM Alliance**
- **EUCU.NET – Children Universities association**

NETWORKS | CITIZEN SCIENCE

- **ECSA – European Citizen Science Association**
- **ACSA – Australian Citizen Science Association**
- **ICAP – Red Iberoamericana de Ciencia Participativa**
- **CitizenScience Asia**
- **CS – Citizen Science Association USA**

NETWORKS | MUSEUMS

- **ASPAC – Asia Pacific Network of Science & Technology Centres**
- **ASTC – Association of Science and Technology Centers USA**
- **ECSITE – European Network of Science Centers and Museums**
- **NAMES – North Africa and Middle East Science Centers Network**

NETWORKS | JOURNALISMS AND SCIENCE WRITERS

- ISWA – International Science Writers Association
- WFSJ – World Federation of Science Journalists
- EUSJA – European Union of Science Journalists' Association

**HOW HAVE WE GOT
HERE?**