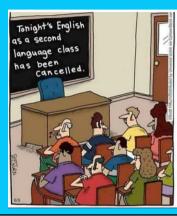


Un gráfico (bien hecho)
dice más
que mil palabras

Hernán E. Grecco
hgrecco@df.uba.ar
Laboratorio 4 | Abril de 2023

Departamento de Física
JBAeXaCtas

#1 Conocer a tu audiencia



3

¿A quién le hablo?

Colegas de otras disciplinas Colegas de mi misma disciplinas Periodistas científicos Público en general Estudiantes

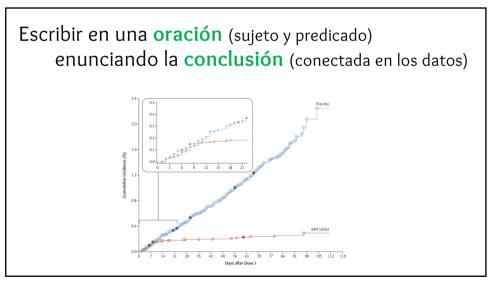
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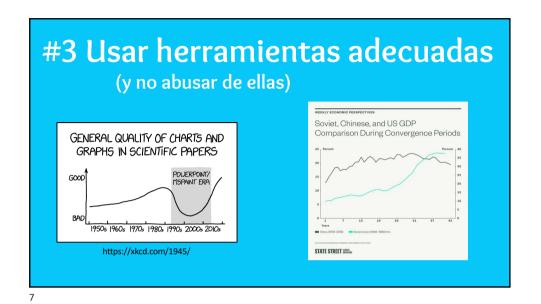
¿Por qué medio?

Charlas en congresos científicos Posters en congresos científicos Publicaciones científicas Clases Publicaciones en medios

• • •







MY FAVORITE BARS
(In Percentage of Awesomeness)

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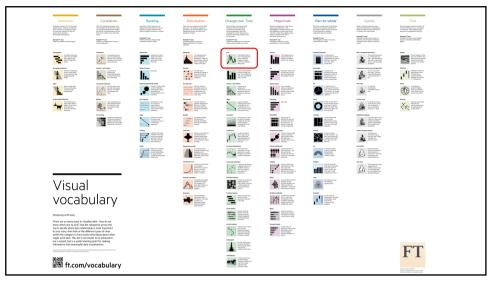
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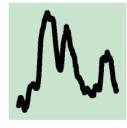
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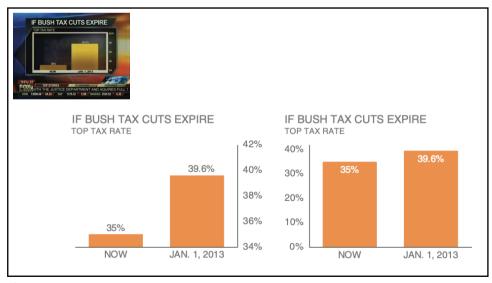
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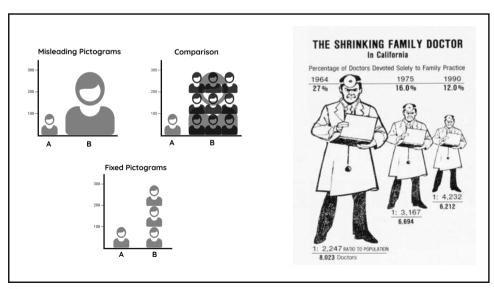


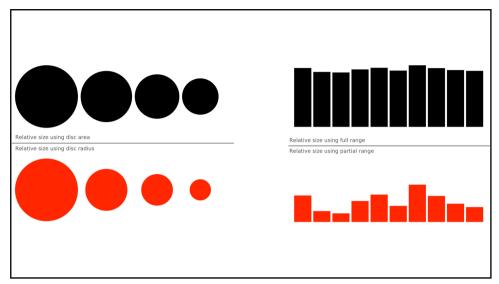
The standard way to show a changing time series. If data are irregular, consider markers to represent data points.

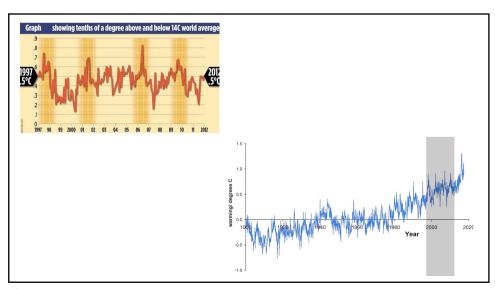










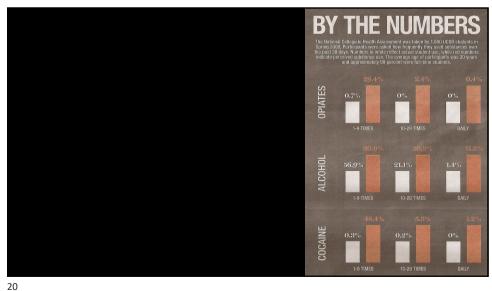


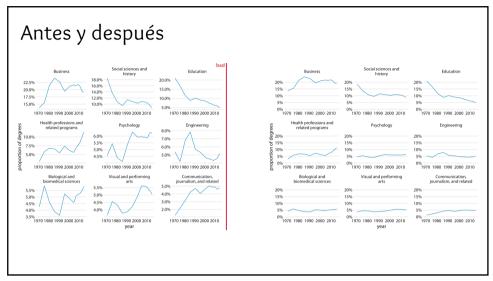


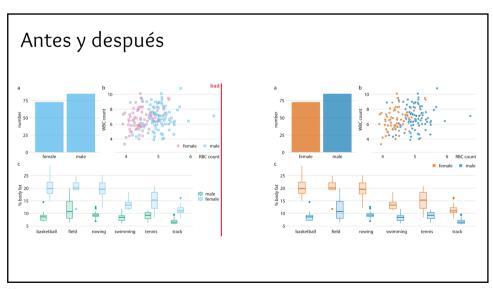


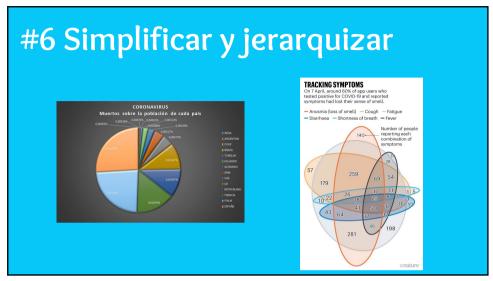
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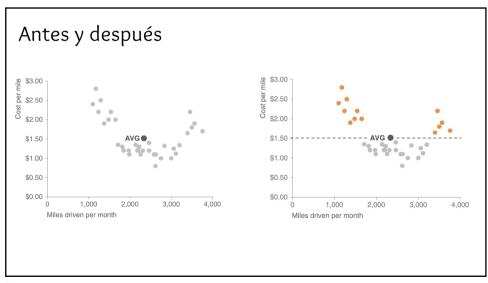


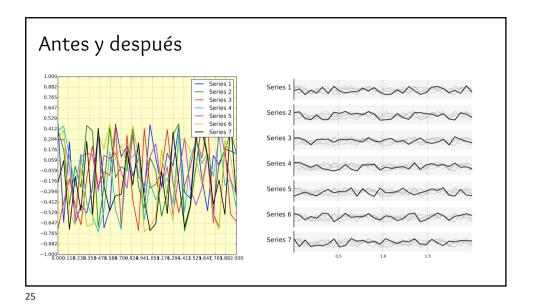












Antes y después

Ticket Trend

Ticket Volume over time

2 employees quit in May. We nearly kept up with incoming volume in the following two months, but fell behind with the increase in Aug and haven't been able to catch up since.

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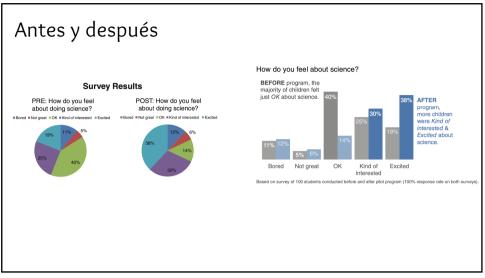
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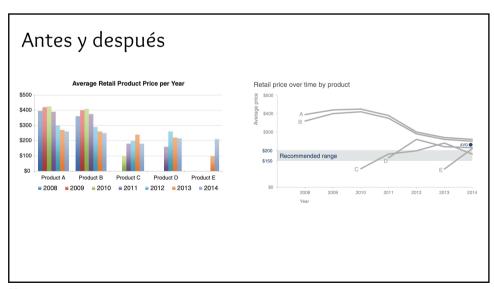
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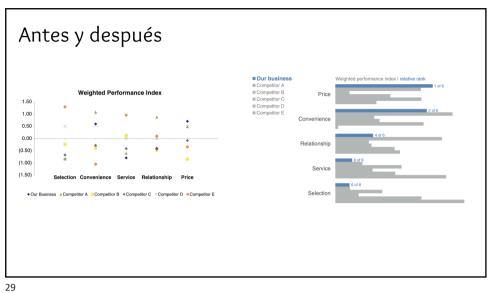
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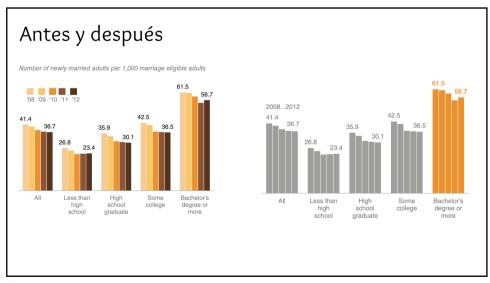
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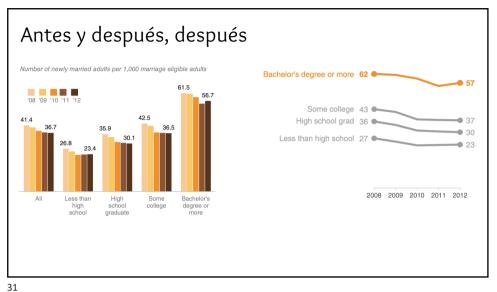
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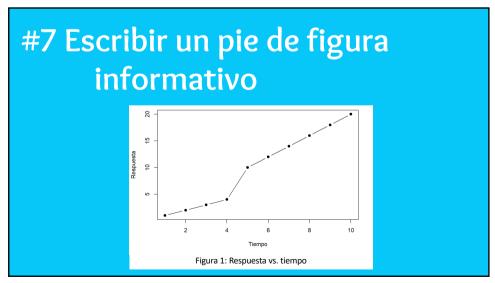


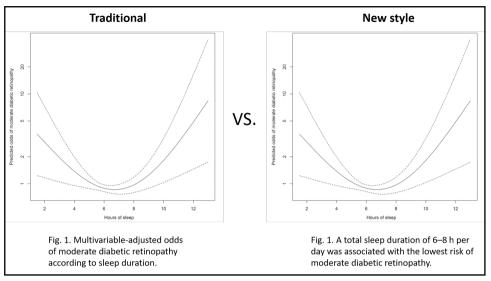


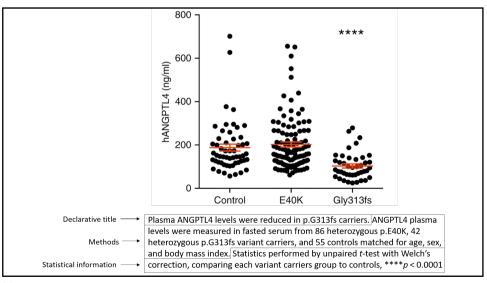




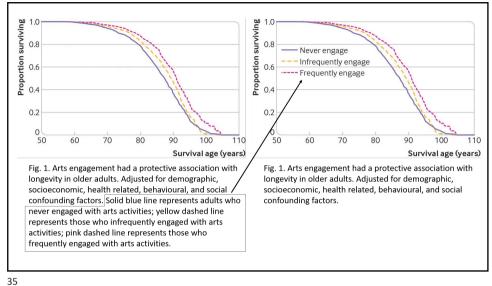


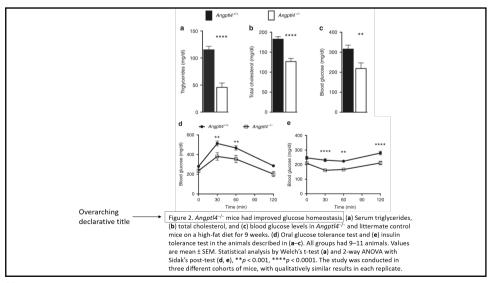




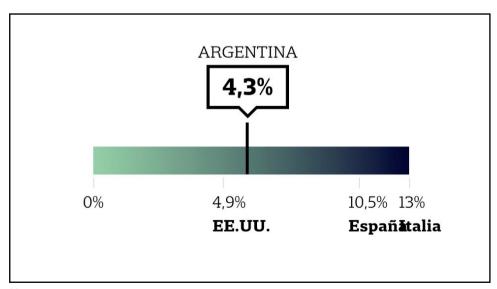


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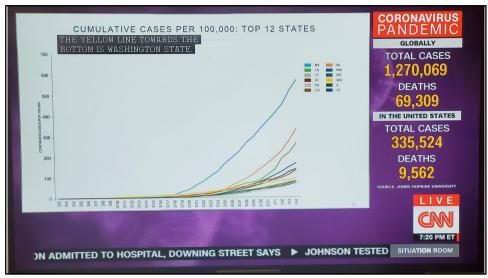


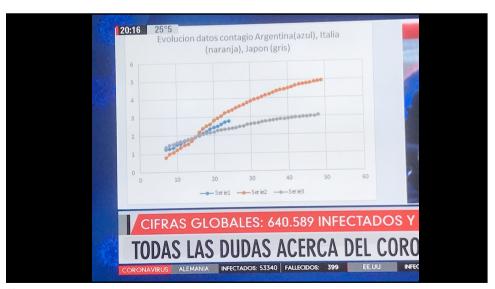




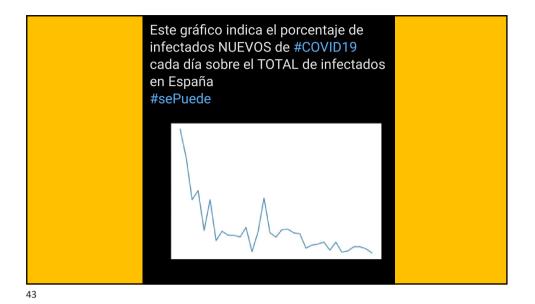




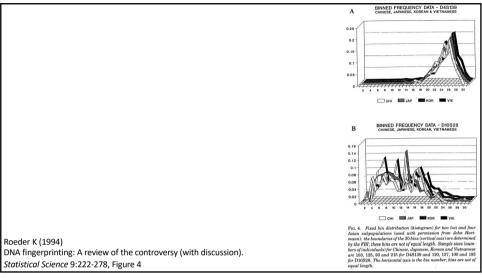


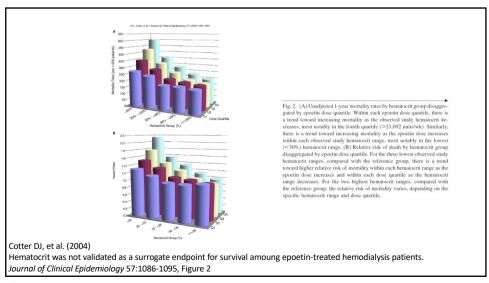


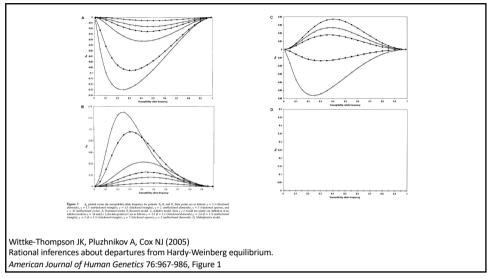
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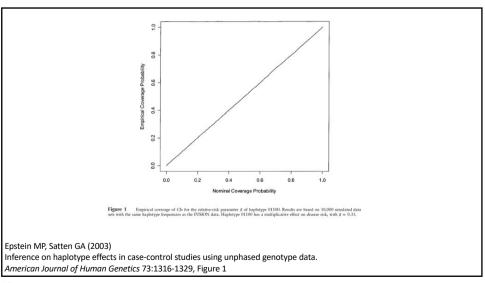


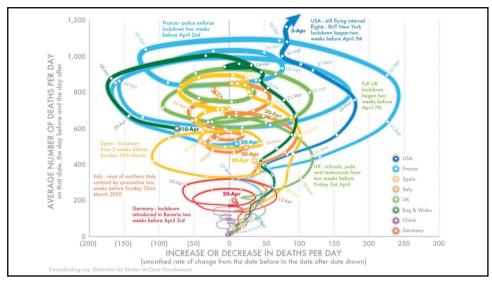
Coronavirus COVID-19 Logarithmic (loglog) Graph cases China (C) current exp=0.0 cases Elsewhere (E) current exp=9.9 date: Mar-20-2020 UTC 200k 100k Recovered cases (R), exp=1.4 number of confirmed cases cases USA, exp=15.2
South America, exp=6.5 Argentina, exp=4.1 global existing cases (C+E-D-R) Total Infections (C+E) exponent=1.0 exponent=2.0 500 · 100 50 30 avrg. death-to-tested(+) ratio: 4.2% 3 4 5 6 7 8 910 20 30 40 50 6070

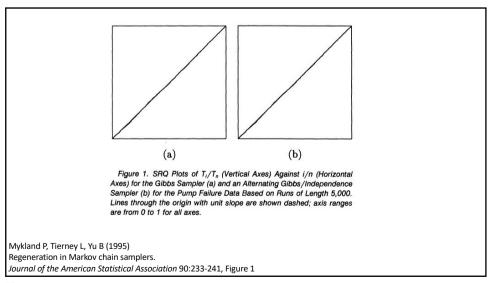


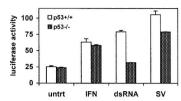












untr IFN dsRNA SV

FIG. 4. ISG15 promoter activity mimics endogenous ISG15 mRNA regulation by p53, dsRNA, and virus. Cells (6 × 10° HCT 116) were seeded in 32-mm plates and allowed to attach overnight. Cells were transfected with 500 ng of pCI-GL3/ISG15-Luc, 50 ng of pRL null (Promega), and 450 ng of pcDNA3 for carrier DNA by using Lipo-fectamine Plus (Life Technologies) following the manufacturer's instructions. Iwenty-four hours posttransfection, the medium was aspirated and replaced with medium containing either 1,000 U of IFN-o/ml, 50 µg of dsRNA/ml, or Sendai virus (multiplicity) or infection, 10). Cells were incubated for 12 h and then lyeed, and luciferase assays were performed. Luciferase activity was assessed on 20 µl of each lysate as directed by the supplier (Dual Luciferase Kit, Promega) using a TD 20/20 luminometer (Turner Designs). Luciferase activity is prenifia activity to control for differences in transfection efficiency. Each data point is the mean of triplicate samples ± the standard error; the data presented are representative of four independent experiments.

Hummer BT, Li XL, Hassel BA (2001)
Role for p53 in gene induction by double-stranded RNA. *J Virol* 75:7774-7777, Figure 4

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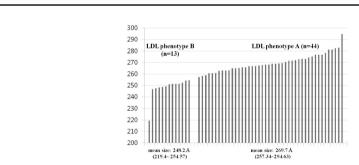
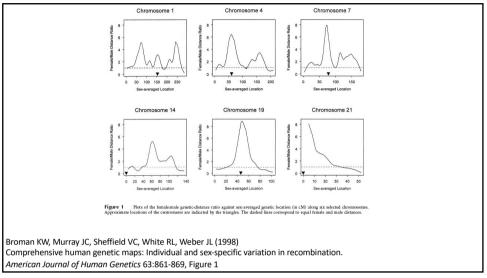


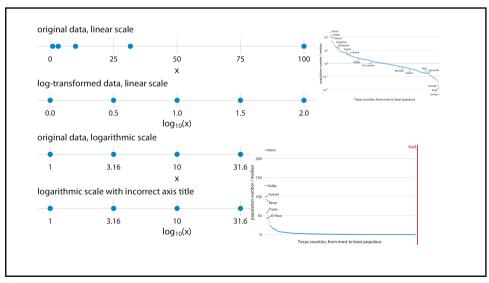
Fig. 1. Distribution of low-density lipoprotein (LDL) particle size in all study subjects (LDL phenotypes A and B). LDL phenotype A group (mean size: 269.7 A, n = 44), subjects with buoyant-mode profiles [peak LDL particle diameter \geq 264 Å] including intermediate LDL subclass pattern [256 Å \leq peak LDL particle diameter \leq 263 Å]; LDL phenotype B group (mean size: 248.2 Å, n = 13), subjects with dense-mode profiles [peak LDL particle diameter \leq 255 Å]

Kim OY, et al. (2012)

Higher levels of serum triglyceride and dietary carbohydrate intake are associated with smaller LDL particle size in healthy Korean women.

Nutrition Research and Practice 6:120-125, Figure 1





¿Cuál es el mensaje que querés transmitir?

¿Cómo es la mejor manera de hacerlo fiel a los datos?

Referencias

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4161295/

https://clauswilke.com/dataviz/

https://ft.com/vocabulary

https://www.internationalscienceediting.com/how-to-write-a-figure-caption/

https://www.biostat.wisc.edu/~kbroman/topten_worstgraphs/

How to Lie with Statistics (Darrell Huff)

Story telling with data (Cole Nussbaumer Knaflic)

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