Title

Subtitle

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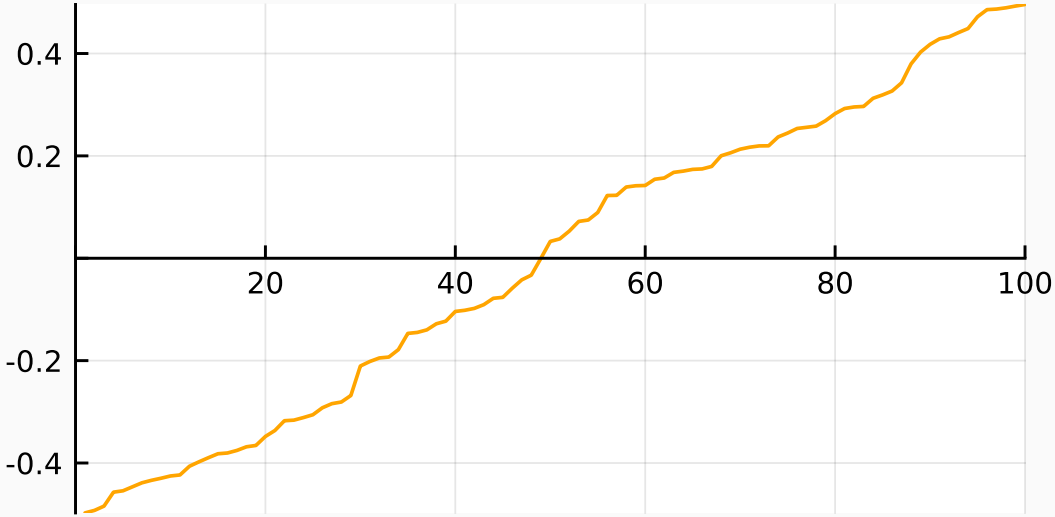
November 22, 2017

LET'S MAKE A PLOT

```
using Distributions
using Plots
pyplot()
a = sort(rand(100).-0.5)
pl = plot(a, size=(400, 200), leg=false, frame=:origin, c=:orange, background_co
savefig(pl, "figures/density.pdf")
```

THIS IS THE OUTPUT



A FRAME WITH MATHS

$$\frac{1}{N}\frac{\mathrm{d}}{\mathrm{d}t}N = N\left(r - \alpha N\right)$$

What about symbols, $B_x \forall x \in \sum_i k_i \leq 2$, and integration $x = \int_i^{\infty} y_i$?

PART 1

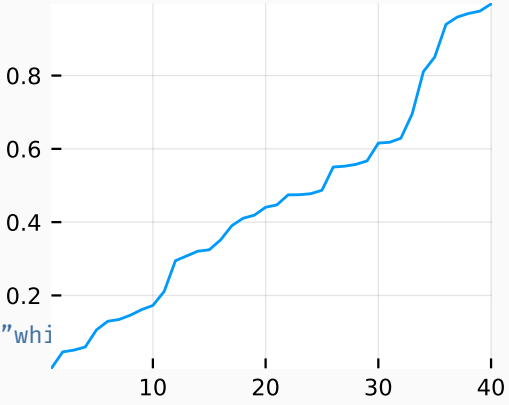
Plots

SETTING THINGS UP

```
using Plots
pyplot()

Plots.PyPlotBackend()
```

```
p1 = plot(
  # These are the data
  sort(rand(40)),
  # This is the plot size
  size  = (250, 200),
  # We don't want borders
  frame = :grid,
  # We don't want a legend
  leg   = false,
  background_color_outside=RGBA(colorant"whi
  );
savefig(p1, "figures/scatter.pdf");
```



OUTPUT

Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Morbi sollicitudin nisi vitae lorem interdum, eget elementum quam elementum. Curabitur quis leo eu metus consequat ultricies. Curabitur sit amet convallis risus. Cras vel arcu id risus efficitur commodo et eget velit. Curabitur consequat eleifend magna, ut ultricies lorem scelerisque eu. Mauris faucibus neque sit amet est elementum, suscipit placerat est interdum. Phasellus sed convallis est. Nunc fermentum convallis odio eget gravida. Duis venenatis dictum tempor.

PART 2

Some code

Some text maybe?

Thank you