Thinking too much about my config

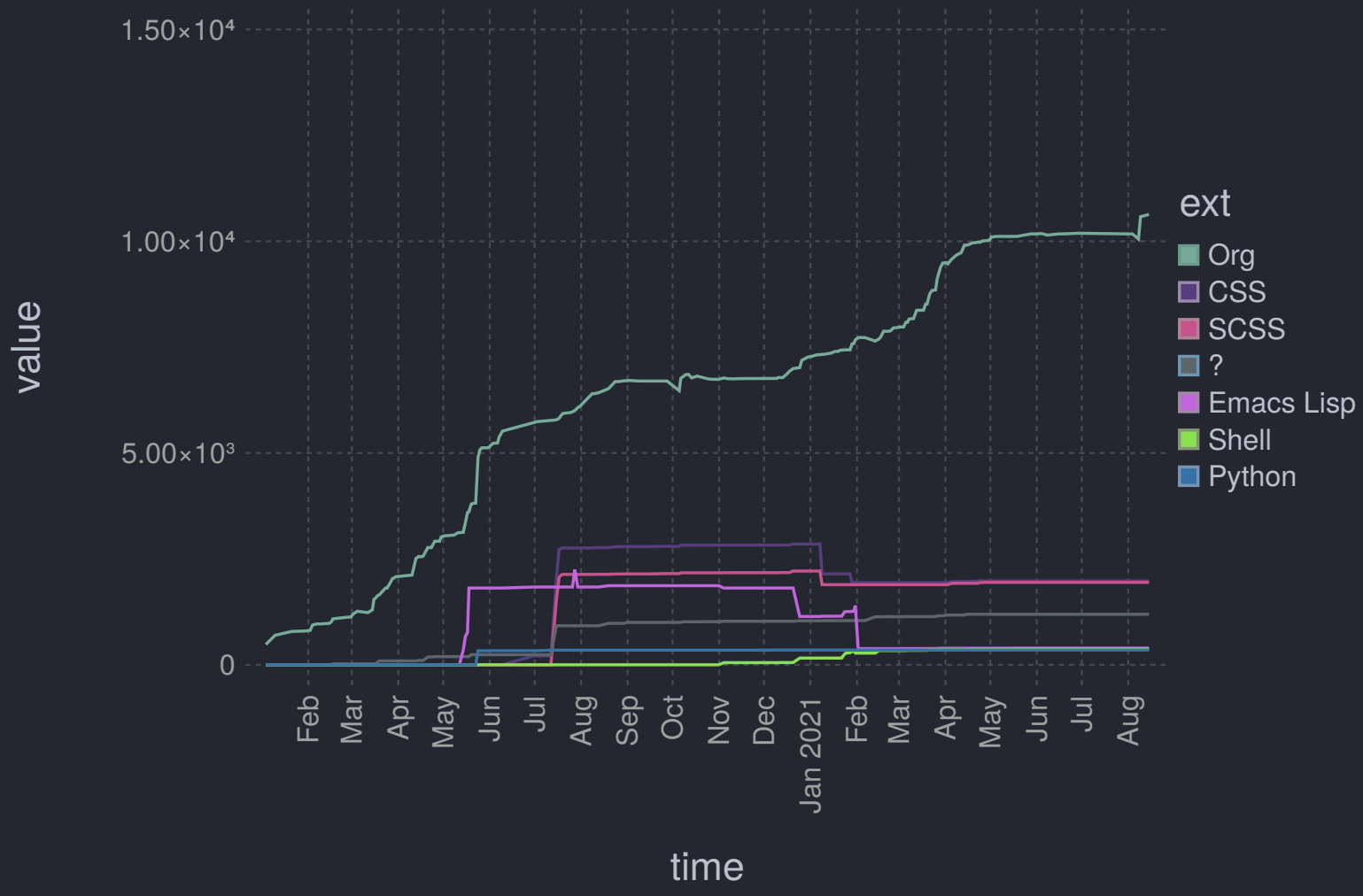
DoomConf 2021

TEC

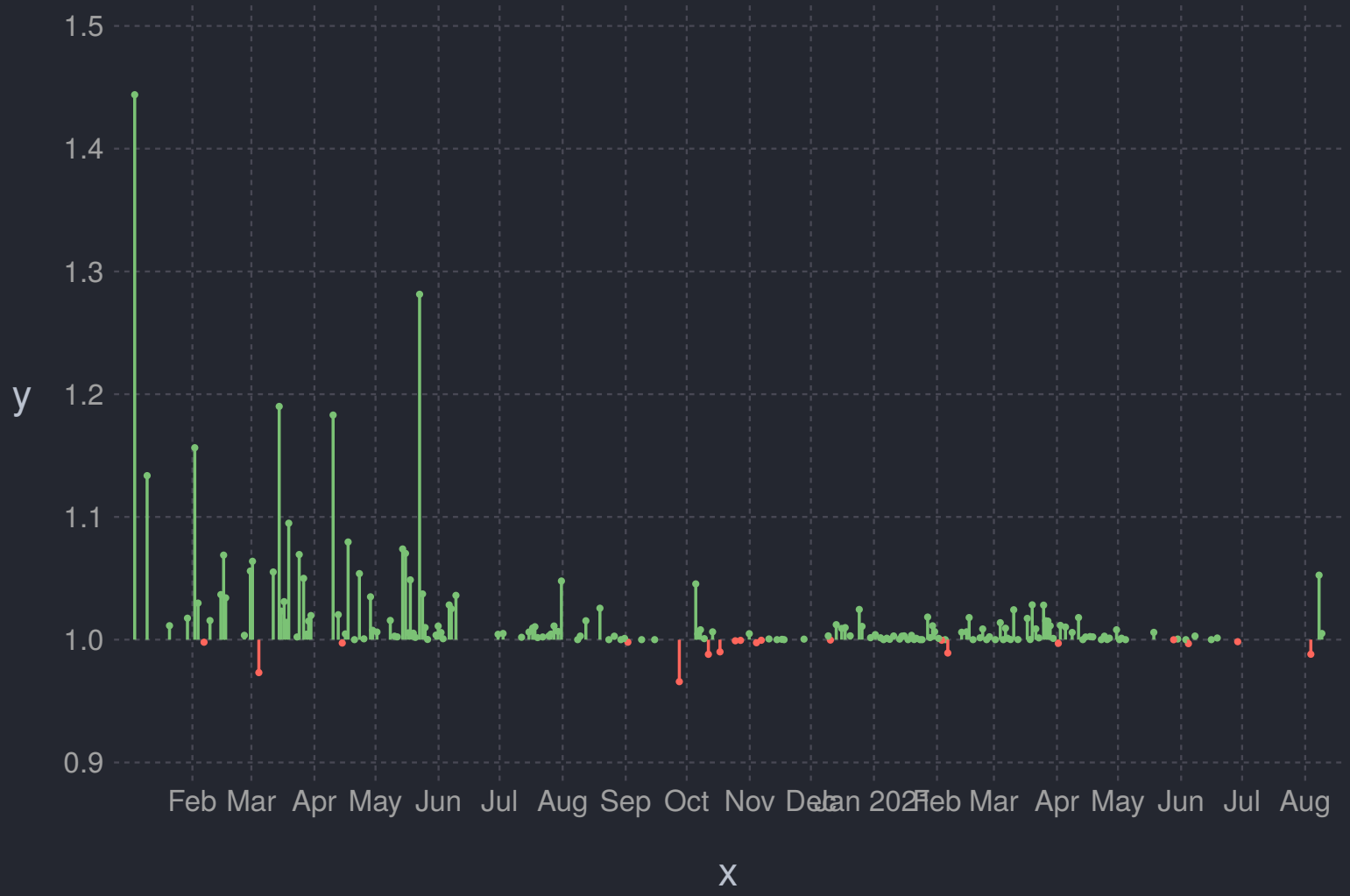
2021-08-15

Development

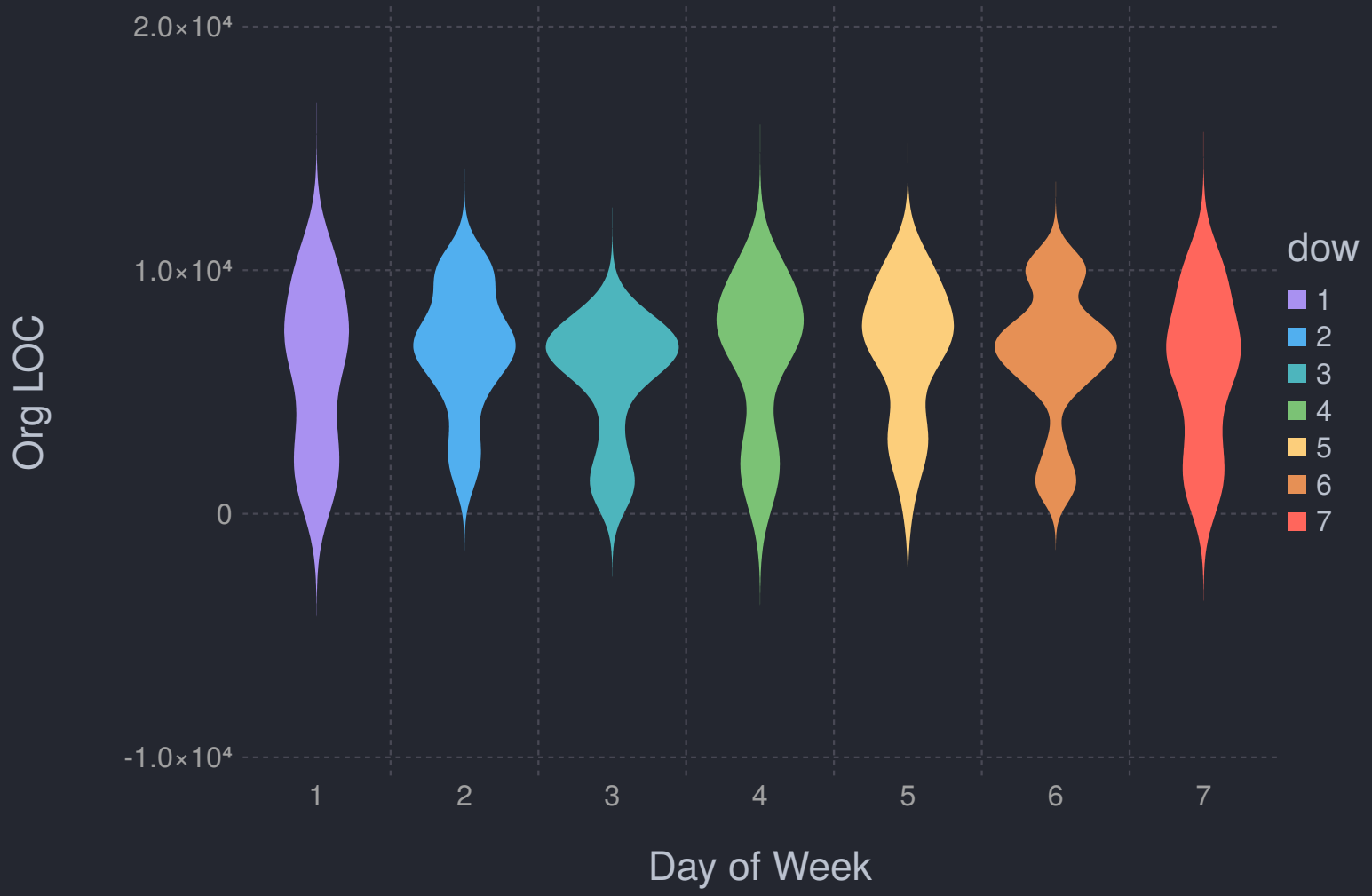
Growth by filetype



Proportional change in the Org file

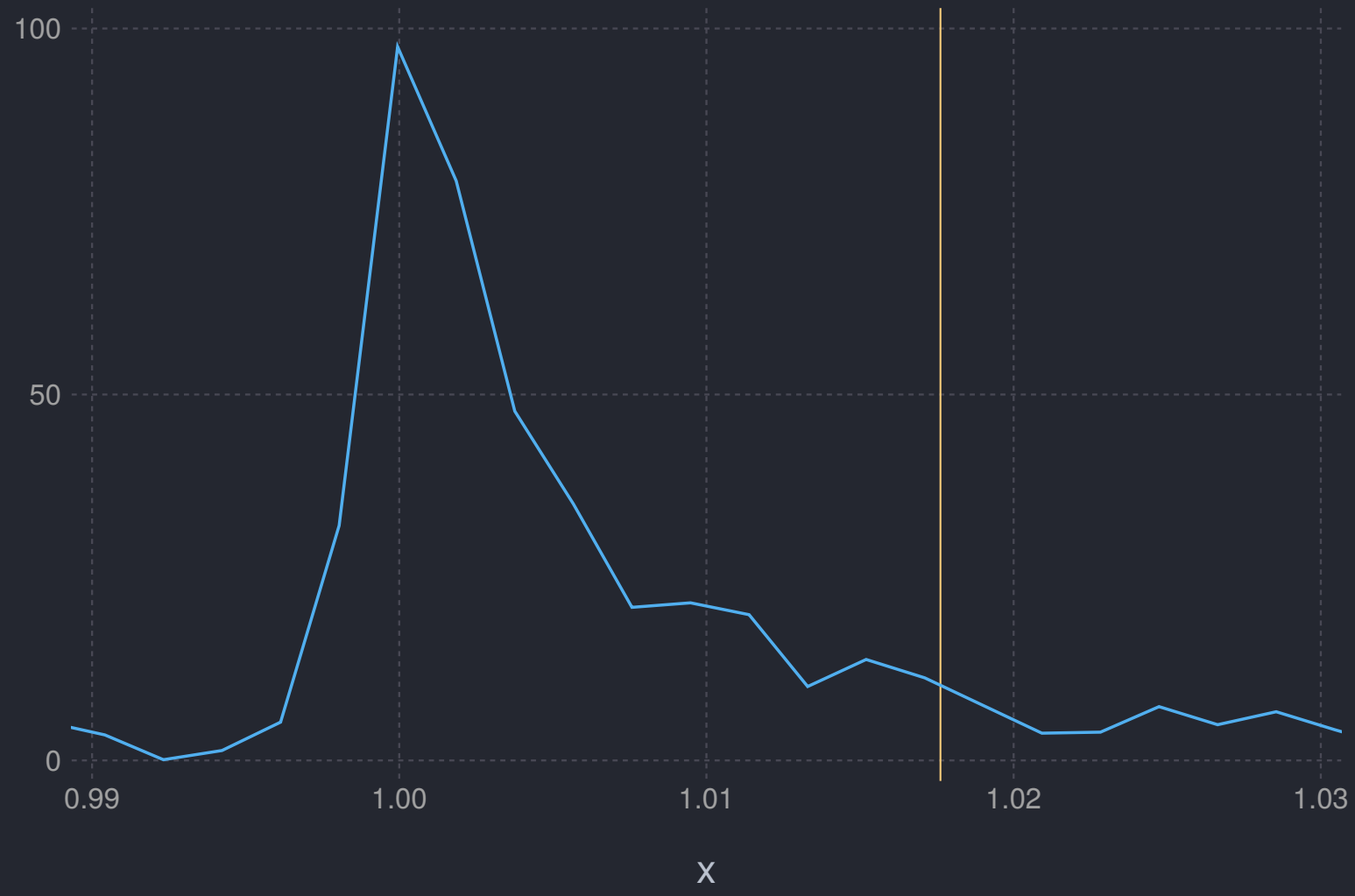


When do I config the most in the week?

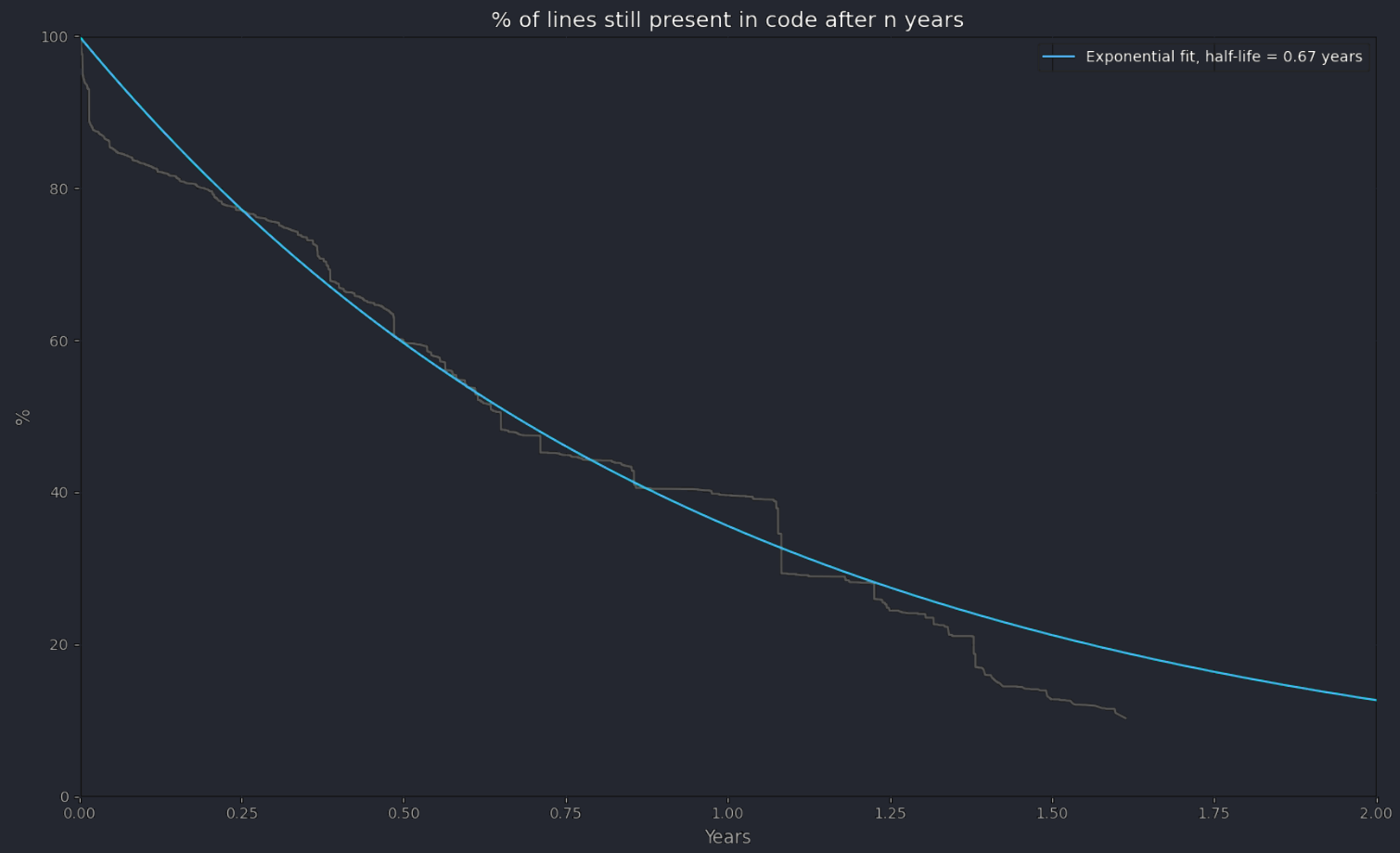


Proportional change in the Org file — 2

Zooming in



Code churn


% of lines still present in code after n years
Exponential fit, half-life = 0.67 years
100
80
60
40
20
0
%
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
2.00
Years

Literacy

Copy my repo to a temp folder

```
git clone https://github.com/tecosaur/emacs-config.git
↪ /tmp/doom-conf
```

Get a list of all the comments

```
commits, timestamps =
    @. reverse(split(read([`git log
    ↪ --format=format:"%H"`
                          `git log --format='%ad'
                          ↪ --date=format:'%Y-%m-
                          ↪  %dT%H:%M:%S'`], String),
                          ↪  '\n'))
timestamps = DateTime.(timestamps)
```

Get the .org and .el lengths

```
function organdelloc(hash)
    run(`git reset --hard $hash`)
    e = execute(`emacs --batch --eval "(progn (require
    ↪  'org) (setq org-confirm-babel-evaluate nil)
    ↪  (org-babel-tangle-file \"config.org\"))"`)
    run(`sed -i '/;; \[\[file/d' config.el`)
    run(`sed -i '/;; .* ends here/d' config.el`)
    orgloc, elloc = @. parse(Int, first(split(read([`wc
    ↪  -l config.org`, `wc -l config.el`], String), '
    ↪  ')))
    blocks = parse(Int, replace(e.stderr,
    ↪  r"^[\s\S]*Tangled (\d+) code
    ↪  blocks[\s\S]*$"=>s"\1"))
    orgloc, elloc, blocks
end
```

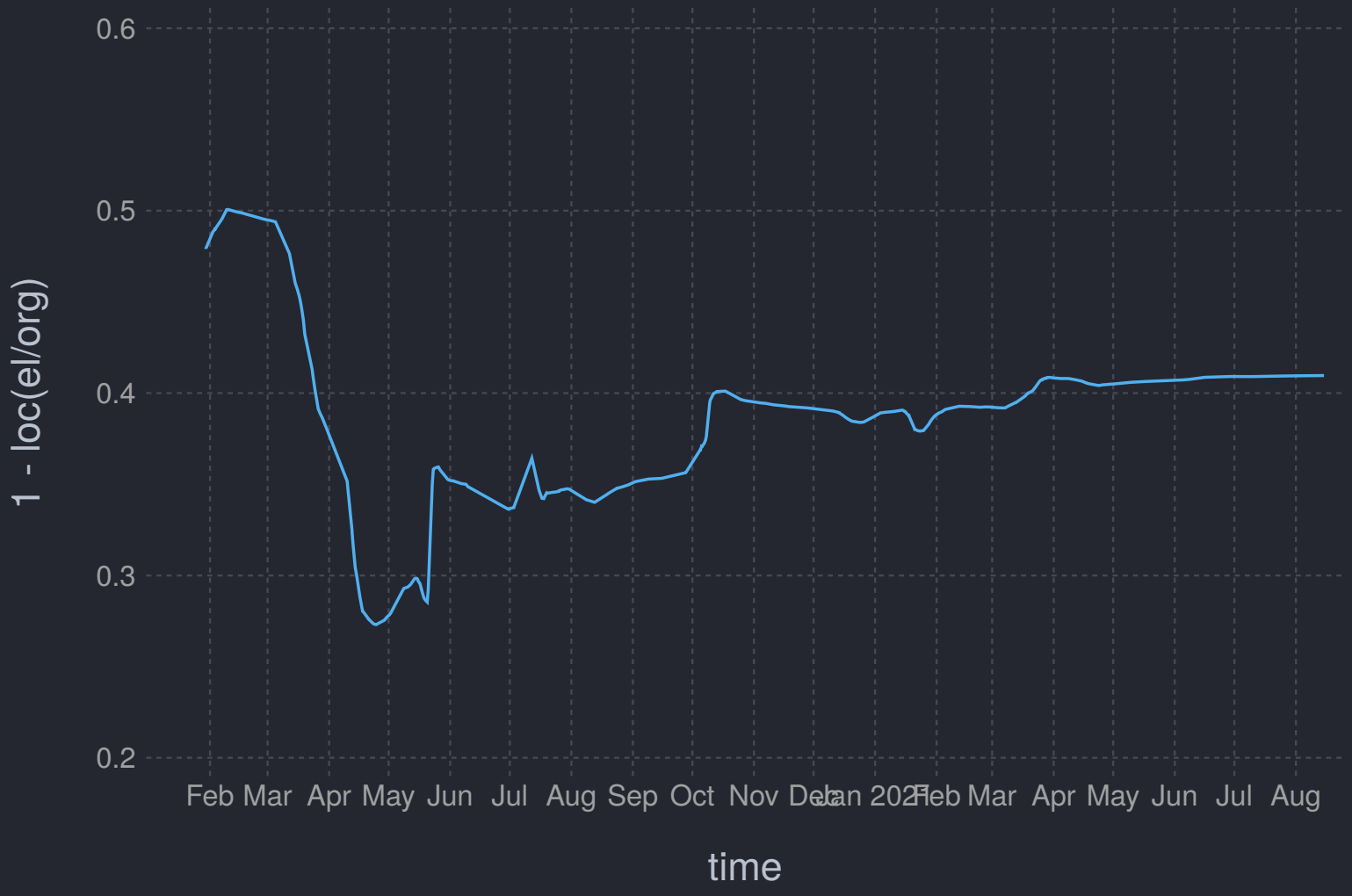
Do it

```
loc = DataFrame(org=[0], el=[0], blocks=[0])
for hash in commits
    try
        push!(loc, organdelloc(hash))
    catch e
        println("$hash wasn't very tangleable")
    end
end
```

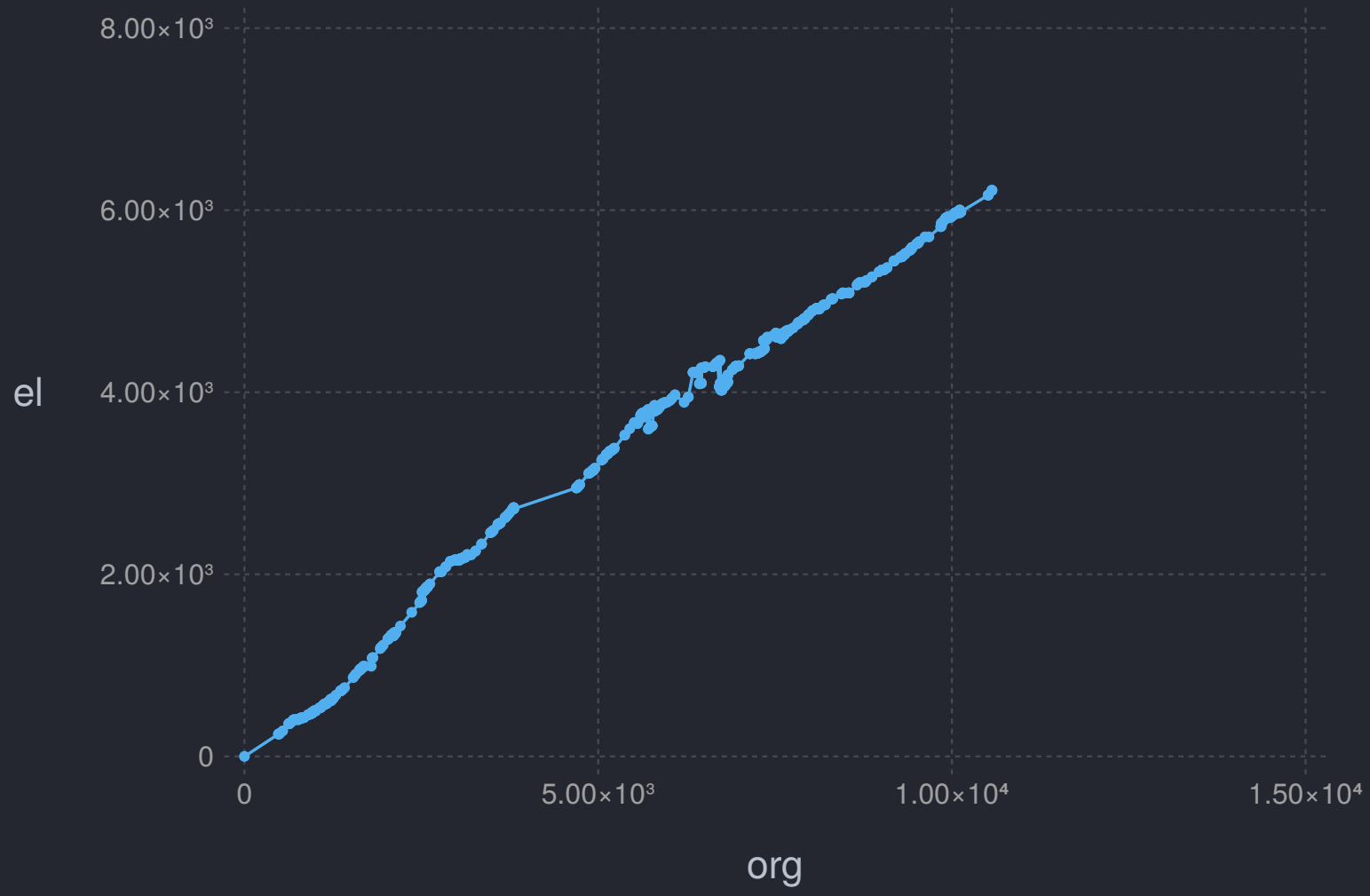
```
loc.ratio = @. 1 - (loc.el / loc.org)
```

Wait...

How’s the literacy

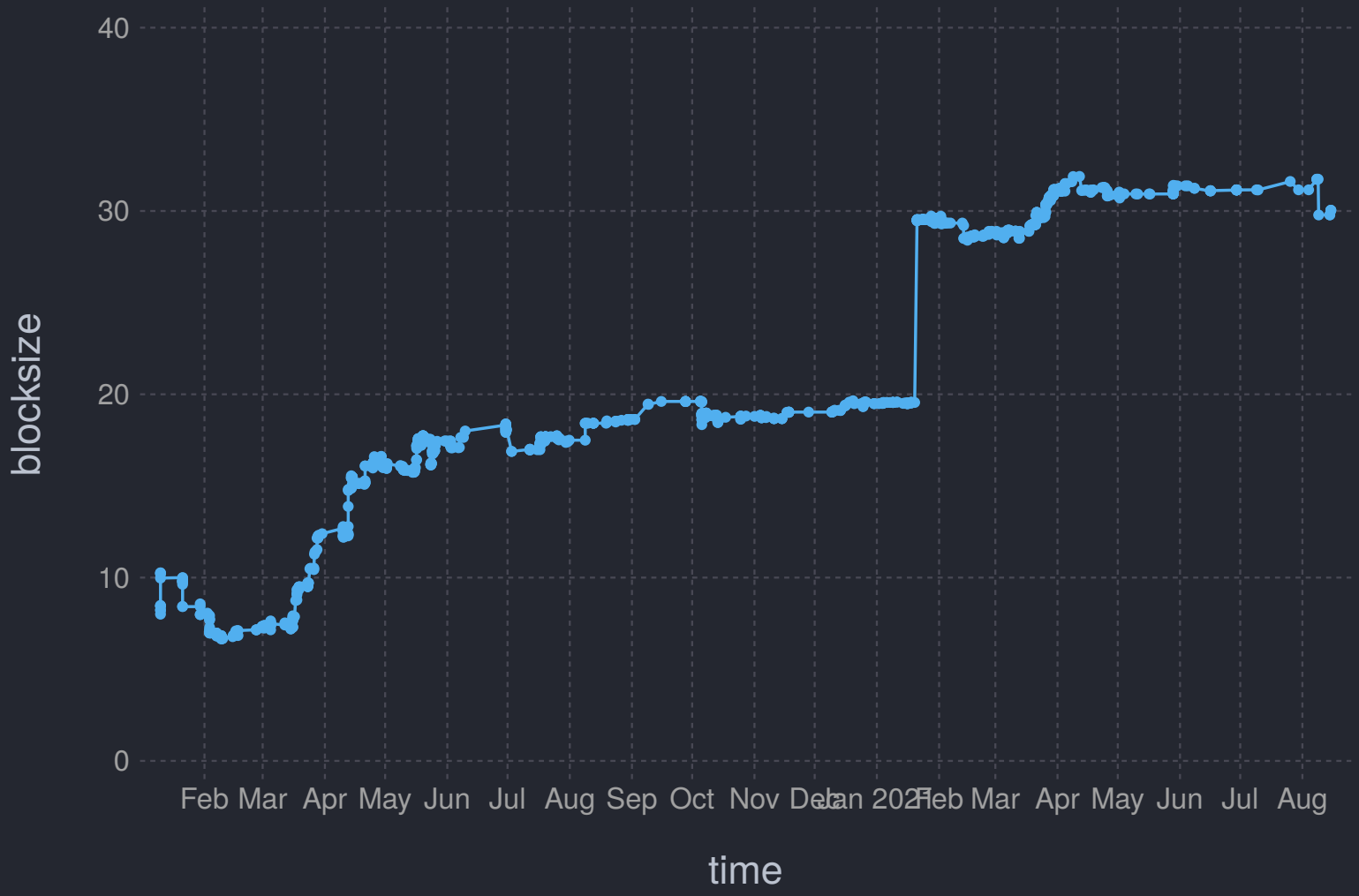


Is it based on size?



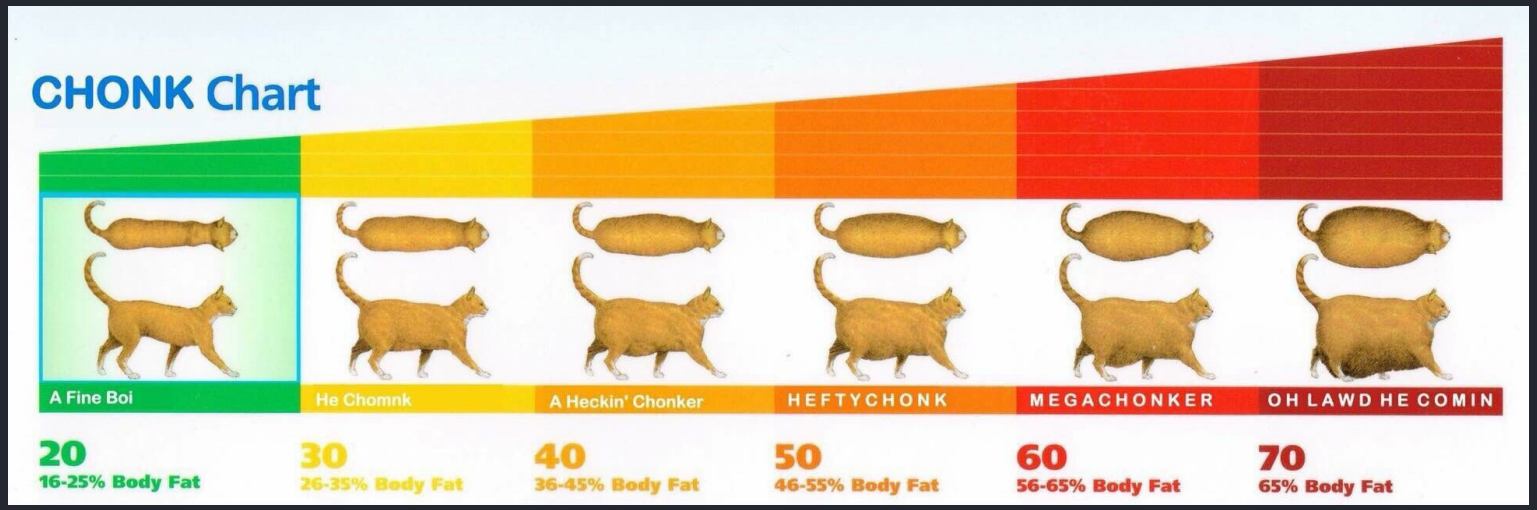
Code block size

```
loc.blocksize = loc.el ./ loc.blocks
```



Conclusion?

My config is becoming chonkier — bigger with bigger blocks



Surprise addition

A diversion into Julia

I bet you never saw that coming, did you? 😝