

New York Open Statistical Programming

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Composing Functions with Gestalt

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Composing Functions

- ▶ Chaining
- ▶ Writing (i.e., “composition”)

Calling Functions

% > %

magrittr

$x \gg f(y)$

$x \%>\% f(y)$

$f(x, y)$

$x \gg f(y) \gg g(z)$

$(x \rightarrow f(y)) \rightarrow g(z)$

$f(x, y)$

$((x \rightarrow f(y)) \rightarrow g(z))$

$g(f(x, y), z)$

% > %





$x \gg f(y) \gg g(z)$

$x \rightarrow$

$(\cdot \rightarrow f(y) \rightarrow g(z))$

x %>%

(. %>% f(y) %>% g(z))



$x \ggg$

$(f(y) \ggg g(z))$



$f(y) \ggg g(z)$



%>>>%

Gestalt

%>>>%

Ceci n'est pas une %>%.

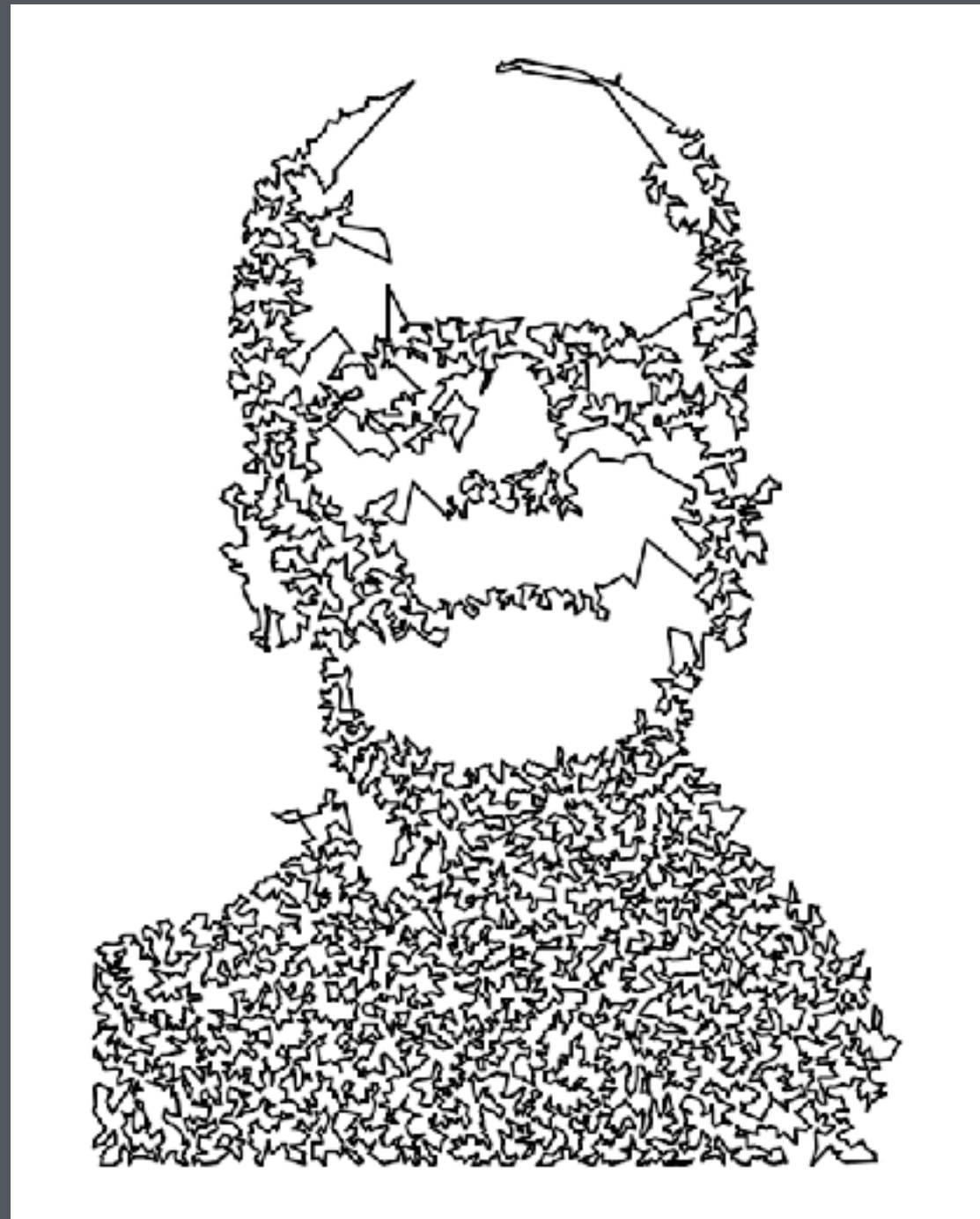
Demo

Game of Life



Demo





Antonio Sánchez Chinchón

Demo

Values as Functions

Demo

```
install.packages("gestalt")
```

<https://github.com/egnha/gestalt>

Thanks!