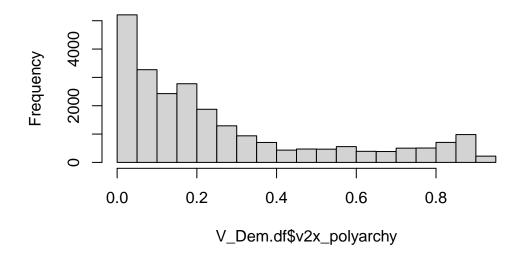
## Pset2

## Problem #1

```
V_Dem.df <- read_csv("~/Documents/MIT Fall '25/17.800 Quant 1/Math Camp/Datasets/V-Dem-Red.cs
(single.plot <- hist(V_Dem.df$v2x_polyarchy) )</pre>
```

## Histogram of V\_Dem.df\$v2x\_polyarchy



#### \$breaks

[1] 0.00 0.05 0.10 0.15 0.20 0.25 0.30 0.35 0.40 0.45 0.50 0.55 0.60 0.65 0.70 [16] 0.75 0.80 0.85 0.90 0.95

```
$counts
```

[1] 5207 3272 2428 2776 1875 1291 938 704 434 472 467 557 391 384 503 [16] 507 706 982 221

#### \$density

- [1] 4.3184740 2.7136637 2.0136844 2.3023015 1.5550487 1.0707029 0.7779390
- [8] 0.5838690 0.3599419 0.3914576 0.3873108 0.4619531 0.3242795 0.3184740
- [15] 0.4171677 0.4204852 0.5855277 0.8144309 0.1832884

#### \$mids

[1] 0.025 0.075 0.125 0.175 0.225 0.275 0.325 0.375 0.425 0.475 0.525 0.575 [13] 0.625 0.675 0.725 0.775 0.825 0.875 0.925

#### \$xname

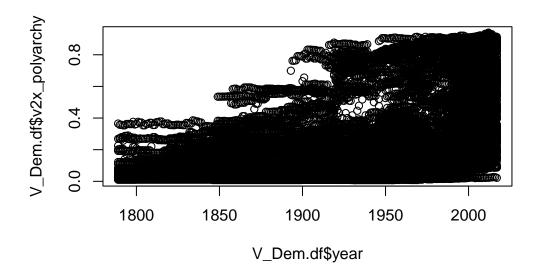
[1] "V\_Dem.df\$v2x\_polyarchy"

### \$equidist

[1] TRUE

attr(,"class")

[1] "histogram"



#### NULL

• Single Variable Plot – Histogram of the "v2x\_polyarchy" variable demonstrates the frequency of each value of the variable in the dataset.

### Problem 2

```
"Brazil" = "Blue") )
```

# **Democracy Levels**

