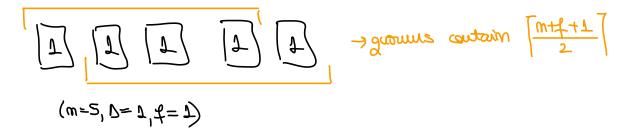
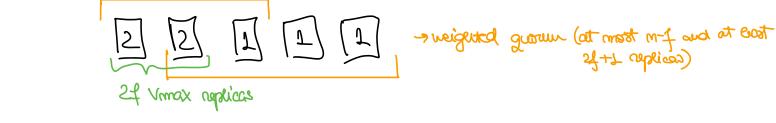
1. EGALITARIAM VOTING



2. AWARE Birrary vating



$$\int_{1}^{1} V_{\text{max}} = 1 + \frac{\Lambda}{7}$$

$$V_{\text{min}} = 1$$

3, custom multiple Weighting Scheme on AWARE

A) the all replicas the same veight 1

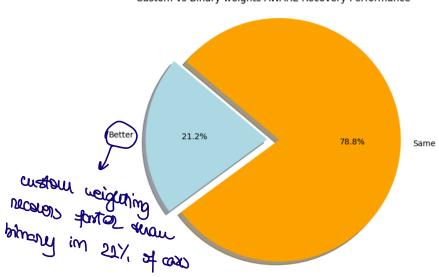
- 5) Apply veighted vating, but oursure a follback strategy is still in place, hunce evenue (m-f) replaces with weight I and give additional power to the other 27 modes
- ne und to come up with a "nouving system" that would give the with commontal applica a singhist when the than the states

24 Vomax = 24(1+4) = 24+20 (4) for ex replicas - im step A) we've obteady given weights

$$= 2 \sum_{m} \frac{24(24+3)}{2} = 2 \sum_{m} e_{i} m = \frac{4(24+1)}{2}$$
Hence, $V_{i} = \begin{cases} \frac{i \cdot D_{i}}{m} = \frac{1}{24} \\ \frac{1}{2} = \frac{1}{24+1} \end{cases}$

since this heighting distribution fellows the some model as the performance is the source and ourselves the proporties of a GFT grazum system.

=> ANACCES OF PERFORMANCE in cose of foundty replicas



Custom vs Binary weights AWARE Recovery Performance

2MOITATIMU

- -) leader being faulty but the behavior is the same for somony
- I've set connected of replicas one faithers consumers as reached authority of the next

Vomex > 27

Vmim + $\pm 10+1$ => ever with all the Vmim veights we need ($\pm +0$) weighted value from $e^{-2(\pm +0)+1}$ | the Vmax replicas

$$\sqrt{1}+-+\sqrt{1}=4+\frac{1}{m}\frac{4(1+1)}{2}=4+\frac{1}{m}\frac{2}{2}=4+\frac{$$