Central Limit Theorem (CLT)

- Take 10'000 random samples
- 10 times :

	1	2	3	- -	10'000
1	0.01	0.25	..		
2					
:					
10					

left

middle

right

{ 11

{ :

{ 100 ___

{ :

{ :

{ 1000

SUM

histogram
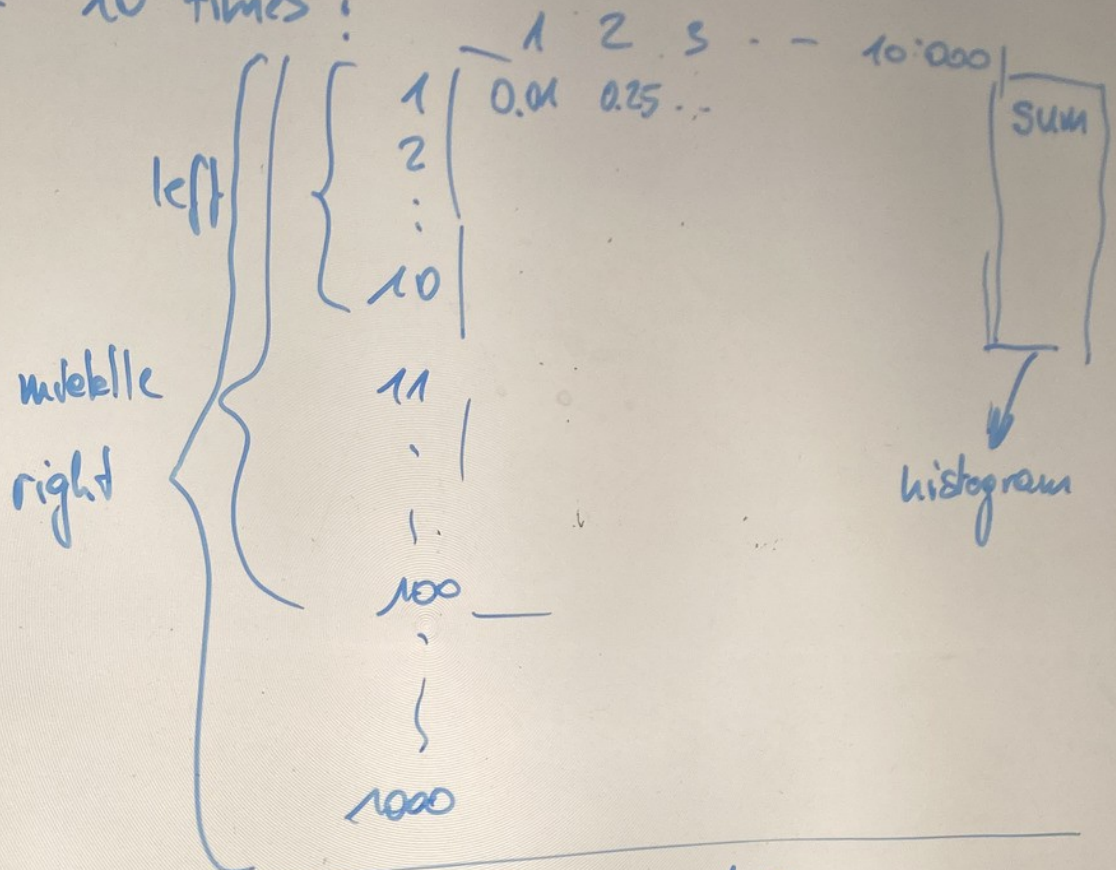
☐ CLT is used for u and e

- ☐ From distribution theory, any sum of normal distributions, is normal $\Rightarrow y \sim$ Normal