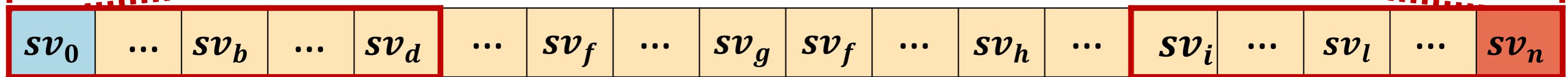
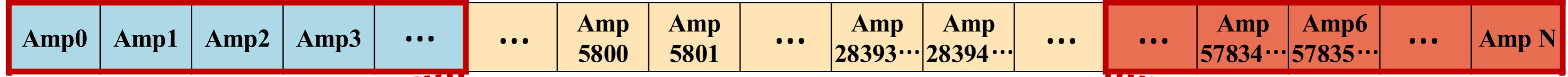


$sv_0 = 00000000 \dots XXXXXX$ $sv_n = 11111111 \dots XXXXXXXX$ 

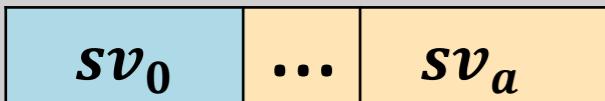
Node 0 Area

$$[0, \frac{X}{N} - 1]$$



GPU 0

$$[0, \frac{X}{4N} - 1]$$



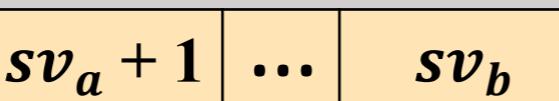
GPU 2

$$[\frac{2X}{4N}, \frac{3X}{4N} - 1]$$



GPU 1

$$[\frac{X}{4N}, \frac{2X}{4N} - 1]$$



GPU 3

$$[\frac{3X}{4N}, \frac{X}{N} - 1]$$



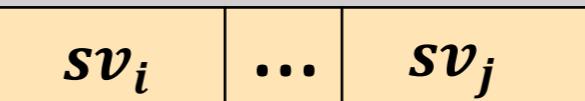
Node N-1 Area

$$[\frac{(N-1)X}{N}, X - 1]$$



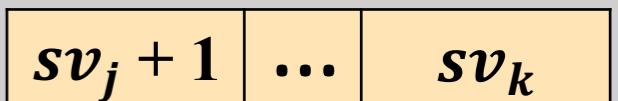
GPU 0

$$[\frac{(N-1)X}{N}, \frac{(4N-3)X}{4N}]$$



GPU 1

$$[\frac{(4N-3)X}{4N}, \frac{(4N-2)X}{4N} - 1]$$



GPU 2

$$[\frac{(4N-2)X}{4N}, \frac{(4N-1)X}{4N} - 1]$$



GPU 3

$$[\frac{(4N-1)X}{4N}, X - 1]$$

