## Block2

Threadid,i=

1+2\*blockdim

2+2\*blockdim

3+2\*blockdim

3\*blockdim-1

3\*blockdim

## Block1

Threadid,i=

1+blockdim 2+blockdim 3+blockdim

2\*blockdim-1

2\*blockdim

## Block0

1

 $rand()\%\alpha$ 

 $rand()\%\alpha$ 

 $rand()\%\alpha$ 

blockdim-1

blockdim

 $rand()\%\alpha$ 



 $rand()\%\alpha$ 

10

$$mother, m =$$

5

13

 $rand()\%(\alpha + \beta)$ 

 $rand()\%(\alpha + \beta)$  $rand()\%(\alpha + \beta)$ 

$$father, f =$$

20

9

31

 $rand()\%(\alpha + \beta)$ 

 $rand()\%(\alpha + \beta)$ 

45

61