

Time (ms)

$10^6$

$6 \times 10^5$

$4 \times 10^5$

$3 \times 10^5$

$2 \times 10^5$



**k = 0**



**k = 1**

fat-tree16

fat-tree20

fat-tree24

fat-tree28

fat-tree32

171784

165340

605217

628889

744869

693522

842964

902608

1047173

1133538