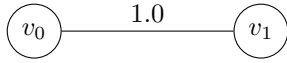


# 1 Graphs for End to End Tests

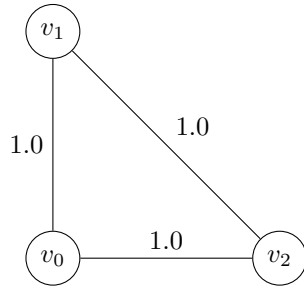
## Graph 1

- testcase 1 (harmonic,  $\phi = 1.0$ , mc samples = 240, dist =  $d_{ER}$ )



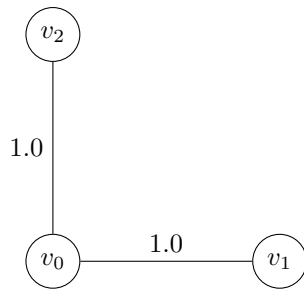
## Graph 2

- testcase 2 (harmonic,  $\phi = 1.0$ , mc samples = 240, dist =  $d_{ER}$ )
- testcase 19 (betweenness,  $\phi = 1.0$ , mc samples = 240)



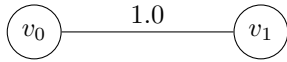
## Graph 3

- testcase 3 (harmonic,  $\phi = 1.0$ , mc samples = 240, dist =  $d_{ER}$ )
- testcase 20 (betweenness,  $\phi = 1.0$ , mc samples = 240)



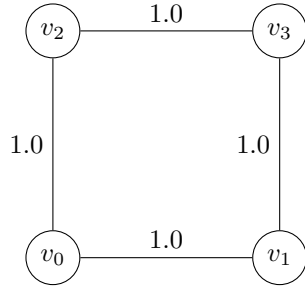
#### Graph 4

- testcase 4 (harmonic,  $\phi = 1.0$ , mc samples = 240, dist =  $d_{ER}$ )
- testcase 21 (betweenness,  $\phi = 1.0$ , mc samples = 240)



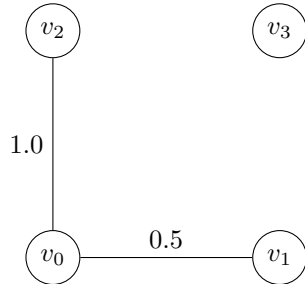
#### Graph 5

- testcase 5 (harmonic,  $\phi = 1.0$ , mc samples = 240, dist =  $d_{ER}$ )
- testcase 22 (betweenness,  $\phi = 1.0$ , mc samples = 240)



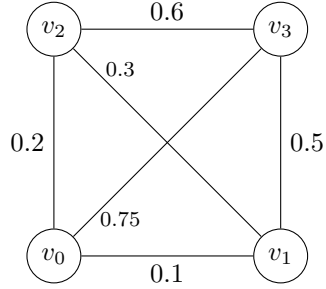
#### Graph 6

- testcase 6 (distance,  $\phi = 1.0$ )
- testcase 7 (harmonic,  $\phi = 1.0$ , mc samples = 240, dist =  $d_{ER}$ )
- testcase 23 (betweenness,  $\phi = 1.0$ , mc samples = 240)



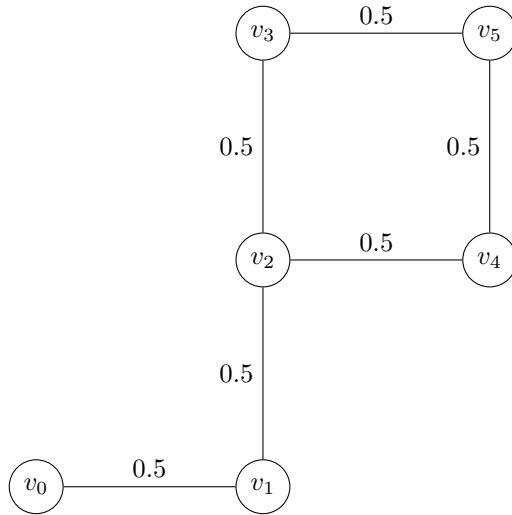
### Graph 7

- testcase 8 (distance,  $\phi = 1.0$ )
- testcase 9 (harmonic,  $\phi = 1.0$ , mc samples = 240, dist =  $d_{ER}$ )
- testcase 24 (betweenness,  $\phi = 1.0$ , mc samples = 240)



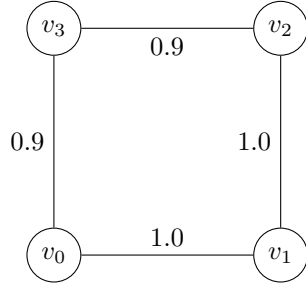
### Graph 8

- testcase 10 (distance,  $\phi = 1.0$ )
- testcase 11 (harmonic,  $\phi = 1.0$ , mc samples = 240, dist =  $d_{ER}$ )
- testcase 25 (betweenness,  $\phi = 1.0$ , mc samples = 240)



### Graph 9

- testcase 12 (distance,  $\phi = 1.0$ )
- testcase 13 (harmonic,  $\phi = 1.0$ , mc samples = 240, dist =  $d_{ER}$ )
- testcase 26 (betweenness,  $\phi = 1.0$ , mc samples = 240)



### Graph 10

- testcase 14 (distance,  $\phi = 1.0$ )
- testcase 15 (harmonic,  $\phi = 1.0$ , mc samples = 240, dist =  $d_{ER}$ )
- testcase 16 (distance,  $\phi = 0.7$ )
- testcase 17 (distance,  $\phi = 0.6$ )
- testcase 18 (distance,  $\phi = 0.5$ )
- testcase 27 (betweenness,  $\phi = 1.0$ , mc samples = 240)
- testcase 28 (betweenness,  $\phi = 0.7$ , mc samples = 0)
- testcase 29 (betweenness,  $\phi = 0.6$ , mc samples = 0)
- testcase 30 (betweenness,  $\phi = 0.5$ , mc samples = 0)

