

## Performance indices of an M/M/1/6 queue and M/M/2/6

$U = 0.8083$   
 $p_4 = 0.1258$   
 $N = 2.5824$   
 $Dr = 0.0917$   
 $X = 0.8083$   
 $R = 3.1948$   
 $\Theta = 2.1948$

### M/M/1

$U = 0.9000$   
 $p_4 = 0.0656$   
 $Dr = 0$   
 $N = 9$   
 $X = 1$   
 $R = 9$   
 $\Theta = 8$

### M/M/2/6

$U = 0.8940$   
 $p_4 = 0.1391$   
 $Dr = 0.2028$   
 $X = 1.5972$   
 $R = 1.7882$   
 $\Theta = 0.7882$