b)

|  |
| --- |
|  |

c)

|  |
| --- |
| Red lines represent T\_EW and blue lines represent T\_NS. Y value of 1 corresponds to 10 arrivals per hour, 2 corresponds to 20 arrivals per hour and so on.  The number of accidents with difference values of arrival rates  30  66  84  112  144  153    Two plots turn out to be very close to each other. Red x is the simulated accident rate and blue o is the one from part (b). |