

Using boxplots to identify the number of factors in simulated networks, which were generated by noise-free, SNR10 and SNR4 data.

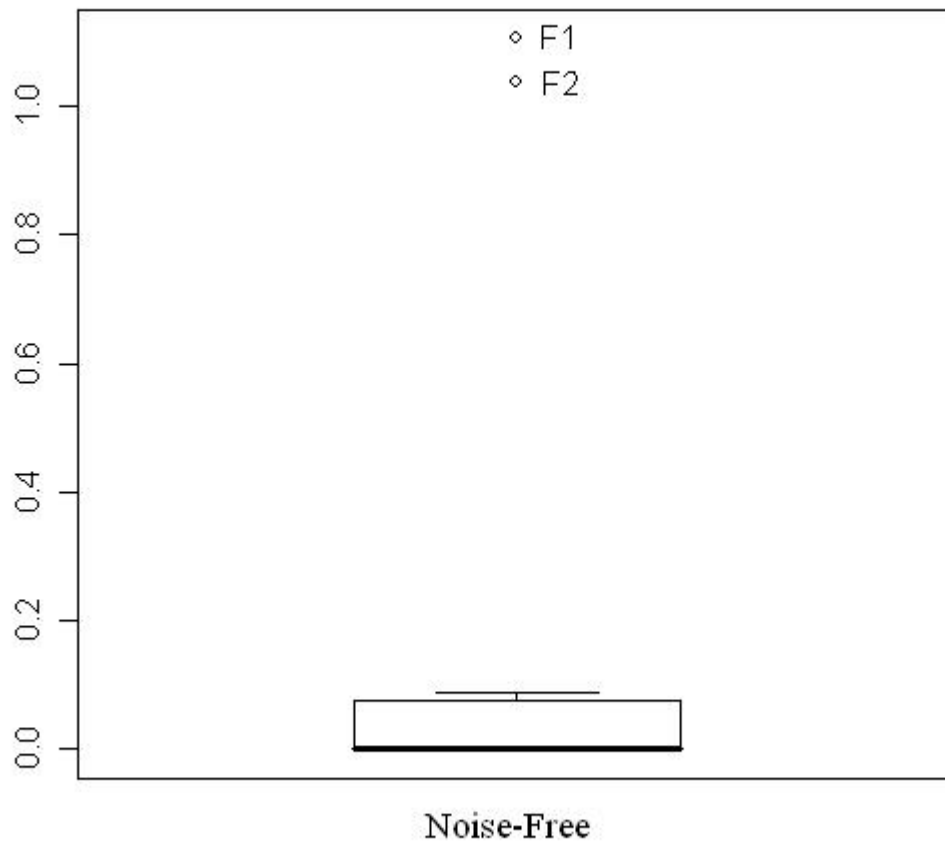


Fig 1: For noise-free simulated data, the boxplot shows that no mean filter is required for identifying the two factors.

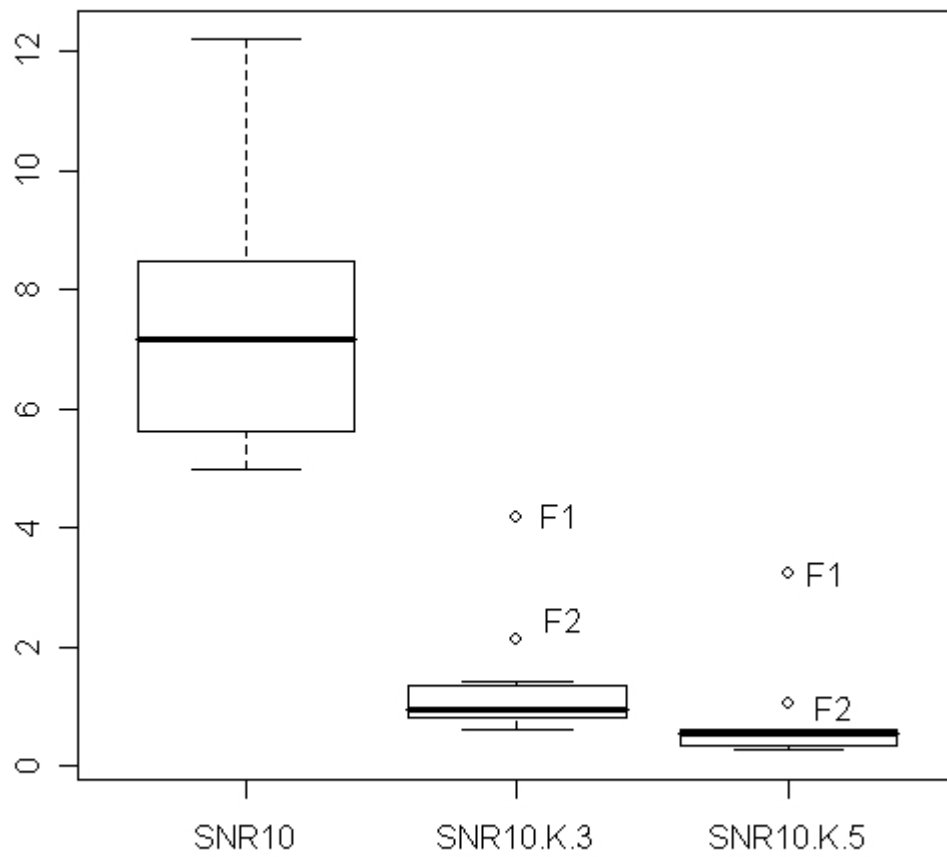


Fig 2: For SNR10 simulated data, SNR10.K.3 and SNR10.K.5 denote SNR10 data smoothed by mean filter with window size 1x3 and 1x5, respectively. The boxplot shows that mean filter with window size 1x3 is good enough to identify the two factors.

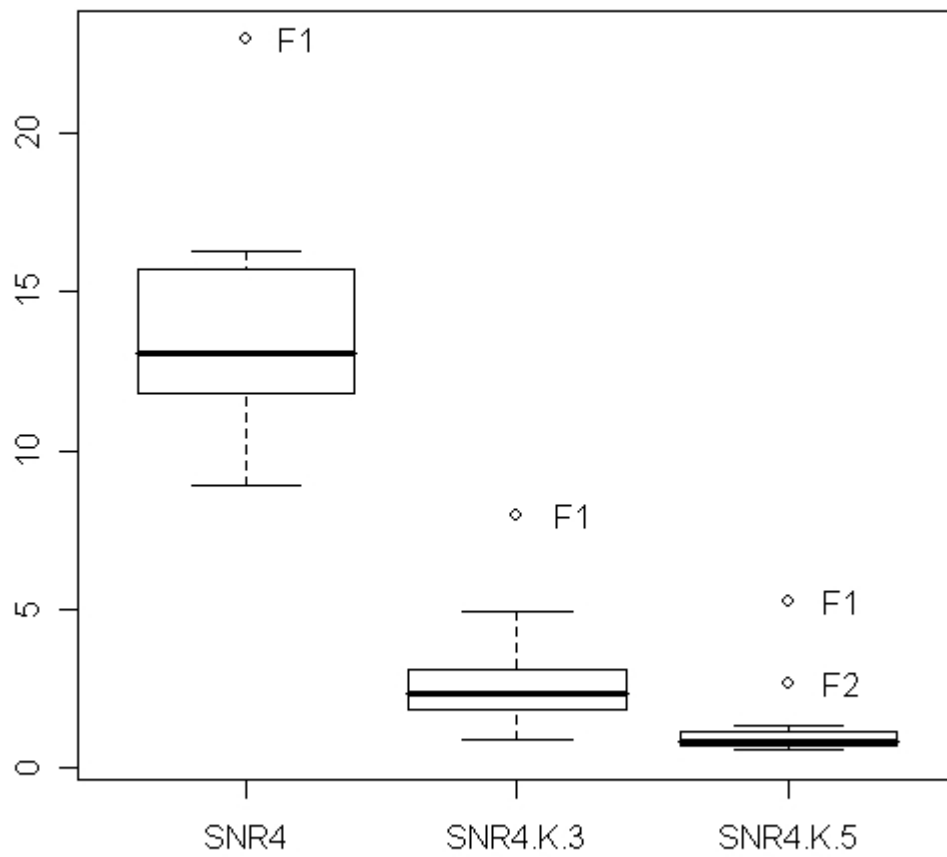


Fig 3: For SNR4 simulated data, SNR4.K.3 and SNR4.K.5 denote SNR4 data smoothed by mean filter with window size 1x3 and 1x5, respectively. The boxplot shows that mean filter with window size 1x5 is required to identify the two factors.