In this simulation, we test the SRN on the Giroux & Rey data used to text TRACX. We varied the number of hidden units of the SRN to see if we could get the initial learning and subsequent forgetting of internal sub-chunks of a larger chunk that is observed empirically and simulated by TRACX.

At the Matlab prompt (>>) type:

run\_SRN\_Giroux\_Rey(no\_of\_hidden\_units).

We varied the number of hidden units from 5 to 18 (see document Hiddens.docx in the Results directory).

The results are stored in a file called:

N\_SRN\_Giroux\_Rey.xls

where N is the number of hidden units. Thus if we run

>> run\_SRN\_Giroux\_Rey(8) the output will be sent to:

8\_SRN\_Giroux\_Rey.xls

The parameters are sent in set\_params.m as well as at the beginning of the main program.