Changes to be made in the code

1. Terms to be made stochastic **a,b,T** – I want them to be truncated normal distribution.

between a/2 to 3a/2. So the term is picked from a distribution for each user i.

Then everytime step is the initially picked value for the normal distribution plus an error term ε which follows . I.e

The above needs to be done for **a,b and T**

**a,T** are in line 25 to line 61 in simulation\_data.cpp. and b is in line 67 in simulationdata.cpp

1. Same as point 1 for reaction\_time which is defined also in simulation\_data.cpp line 150.
2. Same for acc\_thr\_human and acc\_thr\_system which are currently commented out from line 353 and 367 for the simulation\_data.cpp
3. I also want to make the politeness factor inversely proportional to the current speed. So p = current\_velocty/desired\_velocity. P is in line 137 of simulation\_data.cpp.



