**Brief Summary of Simulations: Settings and Interpretation**

Every permutation of every simulation was **run 100 times**, and the mean value taken for storage (and graphing). *Additionally, variance is also recorded and graphed as a bandwidth around the mean.*

**Simulation 1:**

*Purpose:*Checking Scientist agents act appropriately

*Key settings:* Memory window (*M*S) is manipulated [3, 10 ,30], along with dataset preference (*DSP*S)[GISTemp, CRUTTemp].

* 1000 scientists, no deniers.
* LR constant (0).
* Every 6th tick sample data, and in other 5 ticks, communication between scientists occurs.

**Simulation 2:**

*Purpose:*Checking Denier agents act appropriately

*Key settings:* Memory window (*M*D) is manipulated [3, 10 ,30], along with dataset preference (*DSP*D) [GISTemp, CRUTTemp] and *Skew* (*S*D)[0 (Neutral), .015(Biased)].

* 1000 deniers, no scientists.
* Every 6th tick sample data, and in other 5 ticks, communication between deniers occurs.

**Simulation 3:**

*Purpose:*Checking impact of Denier minority on Scientist majority

*Key settings:* Of 1000 professionals, percentage of deniers is manipulated (*DenProp*) [3%, 10%, 20%] (remainder are scientists), and (over)representation of deniers in communication (*DenRep*) [proportionate, over-represented(double), over-represented(50-50)].

* Every 6th tick sample data, and in other 5 ticks, communication between scientists and deniers occurs.
* Scientist definition:
  + Memory window (*M*S) = 15
  + Skew (*S*S)= 0(Neutral)
  + Dataset preference (*DSP*S) = GISTemp
* Denier definition:
  + Memory window (*M*D) = 3
  + Skew (*S*D)= .015(Biased)
  + Dataset preference (*DSP*D) = CRUTTemp

**Simulation 4:**

*Purpose:*Checking impact of Denier / Scientist proportion (and representation) on general public.

*Key settings:* Of 1000 professionals, percentage of deniers is manipulated (*DenProp*) [3%, 10%, 20%] (remainder are scientists), and (over)representation of deniers in communication (*DenRep*) [proportionate, over-represented(double), over-represented(50-50)].

* 1000 “general public” (initially naïve sceptics (P(Climate Change) = .01)) agents included.
* Every 6th tick sample data, and in other 5 ticks, communication between scientists (and deniers) **and to general public** occurs.
* Scientist definition:
  + Memory window (*M*S) = 15
  + Skew (*S*S)= 0(Neutral)
  + Dataset preference (*DSP*S) = GISTemp
* Denier definition:
  + Memory window (*M*D) = 3
  + Skew (*S*D)= .015(Biased)
  + Dataset preference (*DSP*D) = CRUTTemp

**Supplementary Simulation – LR Skew check:**

*Purpose:*Checking Impact of shifts in Skew (*S*) parameter

*Key settings:* Skew (*S*) is manipulated [-.01, -.005, 0, .005, .01, .015, .02], along with selection of dataset (*DSP*) [GISTemp, CRUTTemp].

* 1000 professionals (effectively representing deniers).
* Memory window (*M*)=3
* Every 6th tick sample data, and in other 5 ticks, communication between scientists occurs.