**Release Notes for L-Measure-v3.6 & GUIv4.2**

This is the current version of L-Measure. This version has some new functionality introduced.

The LM GUI4.2v has new features and bug fixes.

**New Functionalities for L-Measure-v3.6:**

* Adding the second soma compartment for the SWC conversions to have a cylindrical soma. This feature is added to facilitate for conversion to .hoc file for Neuron modeling.

**New Functionalities for GUIv4.2**

* Input to L Measure GUI will consider the the sub folders and files of the selected folder.
* Input panel will accept the files types swc, SWC, txt, TXT, asc, ASC, am, AM only.
* Input Panel shows the count of files selected.
* The SD of Stat Test is removed from function tab.
* New version of Help Released.
* Double distribution supports function both in A vs B and B vs A format.

**BugFixes for GUIv4.2**

* L Measure GUI works fine on Windows 7 & Vista.

**Changes made for addition of new functionality for L-Measure-v3.6.**

* Modified the if condition in init(), which allows to filter the input files that have only one compartment of type = 1.
* The Neuron::addCylinderSoma(Segment\* soma) -> adds the soma compartment as prev to the original soma.
* In the segment.cpp, Segment::addNewChild(Segment\* s) method, modified the if condition to add to add virtual soma segment. This allows to add a virtual segment only when there are multiple soma points. Not for single soma point.
* Also in segment.cpp, added a new method Segment::addNewSomaChild(Segment\* s) to add the cylindrical soma.