Subject: Re: How to calculate selectivity score?
Posted by thomas on Sun, 05 Feb 2017 21:36:10 GMT
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Hi Jitender,

sorry for the late reply. I checked the paper, your files and the current Gini calculation method in DataWarrior. The main reason for the discrepancy is that the sample file from the paper contains effect values. Their published method converts them into inhibitions by basically inverting the values (inhibition=100-effect). Then they limit the value range by replacing any value beyond the allowed range (0-100) to the respective range limit (100 or 0). Into the bargain my method of calculating the areas was a little different. I changed my code to use their so-called trapez method. I also have a new option to invert the data (100-x). However, I will not do the correction to move values into the allowed range, because that would remove part of the noise in an unsymmetrical fashion. The update is due soon.

Thomas