Semester Project of Giulio

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The Very Beginning

First things to learn:

- How to use GitHub
- How to use the PSI tier
- What quantileregression.py does.
- Learn the basics of root, pandas and Scikit-Learn.

Does it work?

Then I tried to see if I were able to do a training, plot the result and see the match. It didn't match really well. Next step was to add the weights and compare the result. Much better the training with the weights.
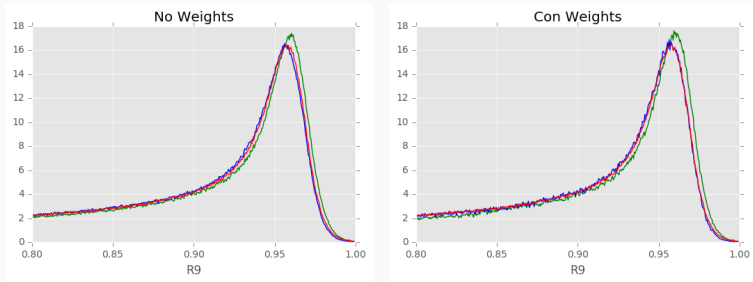

Figure 1: Comparison with and without weights

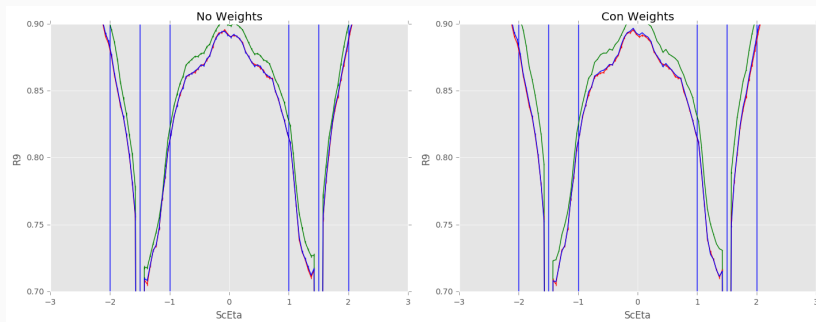Next step: compute reasonable uncertainties and check profiles plots for differential match.

Figure 2: Comparison with and without weights

Decide how to deal with the time shift, taking into account the PU of MonteCarlo's and different run periods of the data.