**Method Title**

Authors

*Affiliations*

*Suggested Page Limit: 4 pages.*

**0. Summary Sentence**: include 1 short sentence description of your method that can be used in a main-text table of the Challenge overview paper. Please be very explicit and concise, and use specific terminology describing methods.

**1- What Network inference method did you use?**

Please describe your methods so a reader can reproduce them. You can include figures to illustrate your method, but don’t include figures to report on your results– the purpose of this document is to describe your method and the rationale behind it, not to analyze your results.

1.a. Please indicate the generic class/classes that your method falls in (Correlation based, Information Theory based, Bayes Networks, Regression, Boolean, ODEs, Other) and expand on whether there are special methodological innovations in your algorithm.

1.b. Please specify what programming languages you used and indicate if you used or extended existing tools, packages or algorithms.

1.c. Did your algorithm have any tuning parameters (e.g., penalization, hyper-parameters, number of clusters, thresholds...). If so, how did you set them?

1.d. How did you model the actions of the inhibitors? Did you model the actions of the different stimuli? If so, please describe.

1.e. Did you apply the same or different methodologies for inferring the underlying networks in the experimental sub-challenge and the *in silico* sub-challenge?

1.f. Have you considered any other approaches, and why did you decide against them?

1.g Please indicate how much computation time was required for your algorithm to obtain results for sub-challenges 1A and 1B, and specify the computing resources you used.

**2-What portions of the provided data did you use?**

2.a. Did you use all cell lines, stimuli, time points and inhibitors? For the experimental sub-challenge, did you use only the “Main” dataset or did you also use the extra antibodies and time points in the “Full” dataset? Did you lump all data together, or use it in specific combinations? Please describe.

2.b. Did you further process the data in some way?

**3-What external information did you use and how?**

**4-What cross-validation scheme did you use? Did you model randomness in your cross-validation method?**

**5-Please discuss the results that you obtained in cross-validation and in the leader board.**

5.a. Did you participate on all rounds on leader board, and if not in how many?

5.b. Were the results of the leader board useful for further model development?

**6-What is the background of your team?**

6.a. What fields do you and your team members work on (network inference, regression, parameter estimation, network biology, other)?

6.b. How many hours did you invest into the challenge?

**Conclusion/Discussion**

This section should include a short summary and any insights gained during the algorithm development/challenge. You can include future directions, or alternative aspects you did not manage to explore.

**References**

Maximum 3 references including a hyperlink

**Authors Statement**

Please list all author’s contributions