

Analyzing the capacity of the colBiSBM to recover structure for missing data from other networks

```
## `summarise()` has grouped output by 'prop_NAs'. You can override using the  
## `.groups` argument.
```

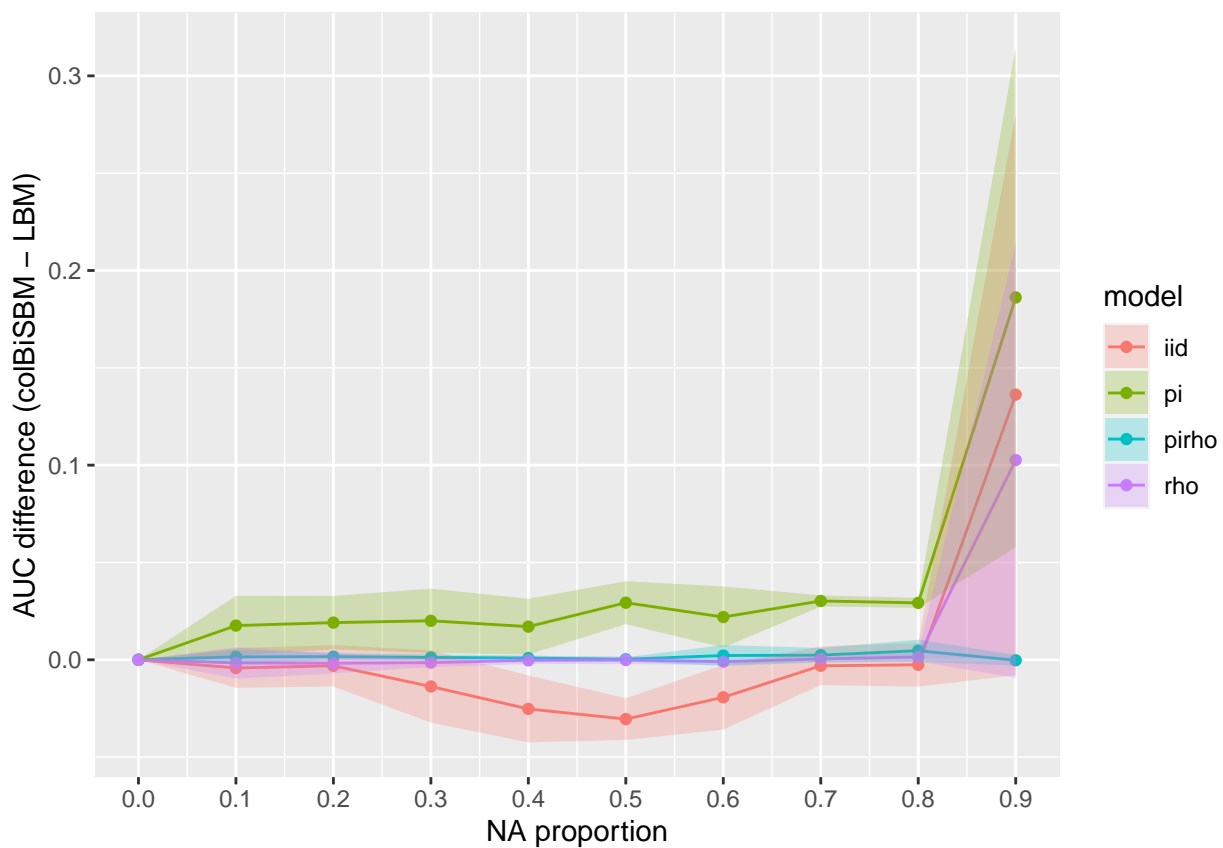
Simulation context

The idea is to benchmark the capacity of the models when NAs are in the data.

To do this, we choose the below structure: ! PARAMETERS OF THE SIMULATION !

And set some randomly chosen interactions to NA. The below plots will show the different quality indicators in function of proportion of NAs in the first of the 3 networks.

AUC in function of the proportion of NAs



ARI in function of the proportion of NAs

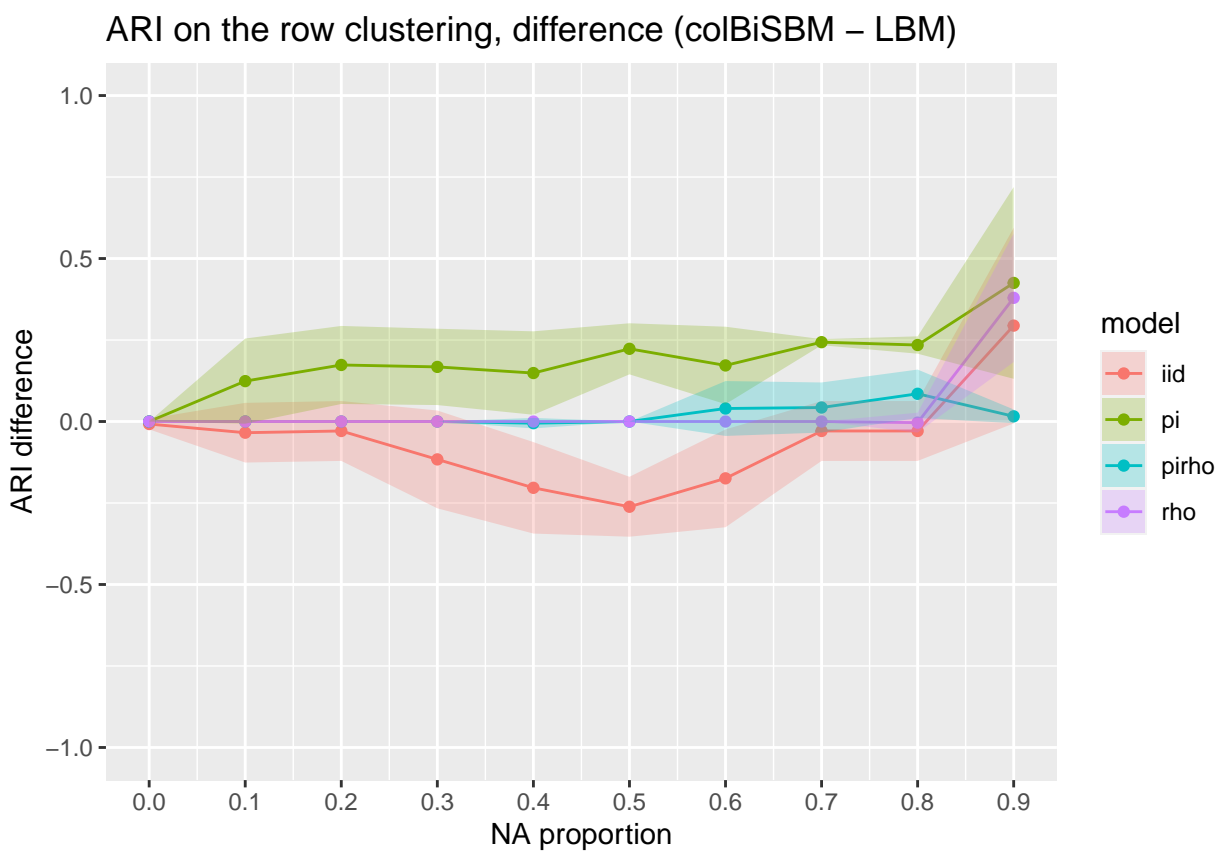


Figure 1: Difference of ARI for the row clusterings

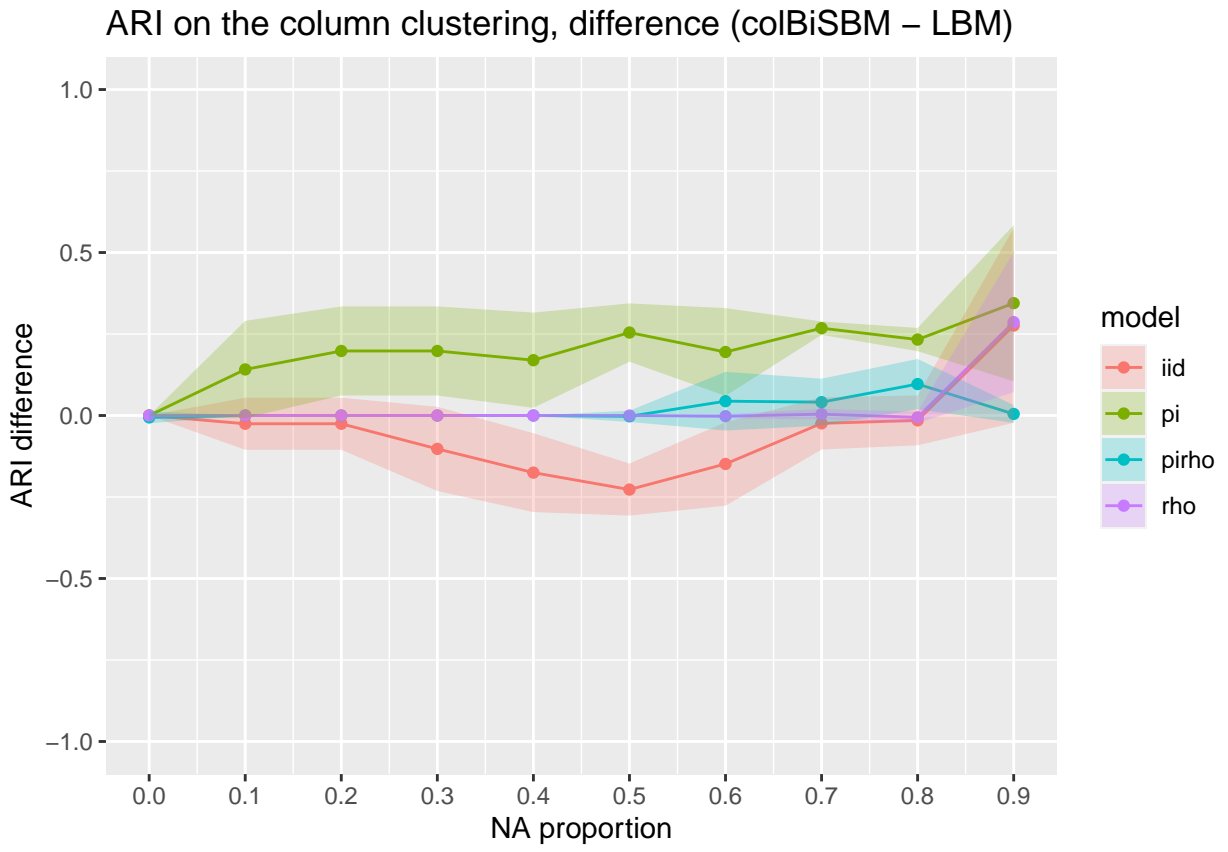


Figure 2: Difference of ARI for the columns clusterings