

A New Approach to Sample Deconvolution

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- 1 how did we come to this problem
- 2 what is the deconvolution problem

- 1 DNA microarrays and how they work
- 2 what the data from a DNA microarray looks like
- 3 different types of data (probe v. gene, linear v. log)

- 1 What is the general model people use
- 2 how to people fit this model
- 3 other data intricacies

- 1 a simple example of our method
- 2 model behind our method
- 3 full deconvolution method
- 4 compare and contrast
- 5 how to choose markers and estimate γ

- 1 discuss methods to which we compare
- 2 rat data set
- 3 blood data set

1 future work