

research update

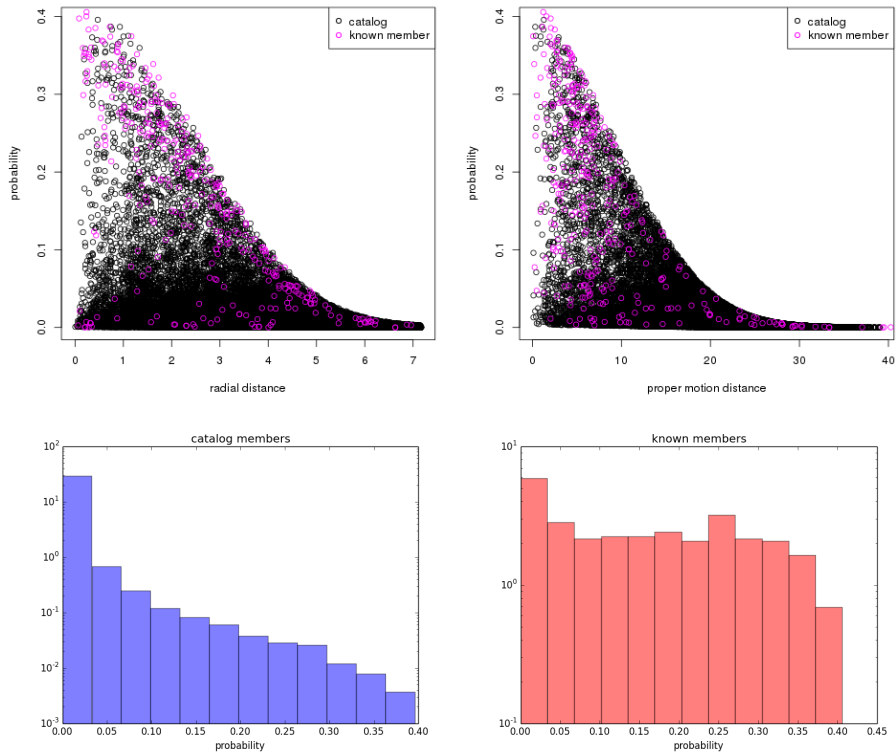
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1 Introduction

This is going to be a shorter update, more on the lines of how a weekly update should be. I have spent some time drafting my funding proposal for the summer and my abstract for scholars week. I did however generate some plots to judge the quality of my selection.

2 plots



3 sanity check

I don't know whether to be encouraged or discouraged by these plots. I have a relatively uniform distribution in the number of known members having each probability. My distribution of probability over spacial distance indicates that at any radial distance the known members tend to have the highest probability, which is encouraging. My proper motion diagram shows that my known members tend to have a lower distance in proper motion space, so that too is encouraging. I however strongly suspect that there is no shortage of ways to get more encouraging distributions. I'm more than a bit perplexed.