

Two-Sided Matching Model

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1 MCMC chains for employers' preference β

The graphs below show the MCMC samples for employers' preference for (years of) education. We see that jobs that belong to the Professional, Managerial, or Sales / Clerical / Services categories, have a positive preference for education, especially Professional and Managerial.

In contrast, jobs that belong to the Manufacturing Blue Collar and Other Blue Collar categories have a negative preference for education.

The size of the estimates are similar to earlier findings by [Logan \(1996\)](#), especially in terms of the relative difference between employers. For example, like we see here, [Logan \(1996\)](#) finds that Professional employers prize education the most, followed by Managerial, Sales / Services, and finally Blue Collar.

Our estimate size is slightly smaller, likely because we put a prior on parameters being 0. (Admittedly it's a diffuse $N(0, 100)$ prior.)

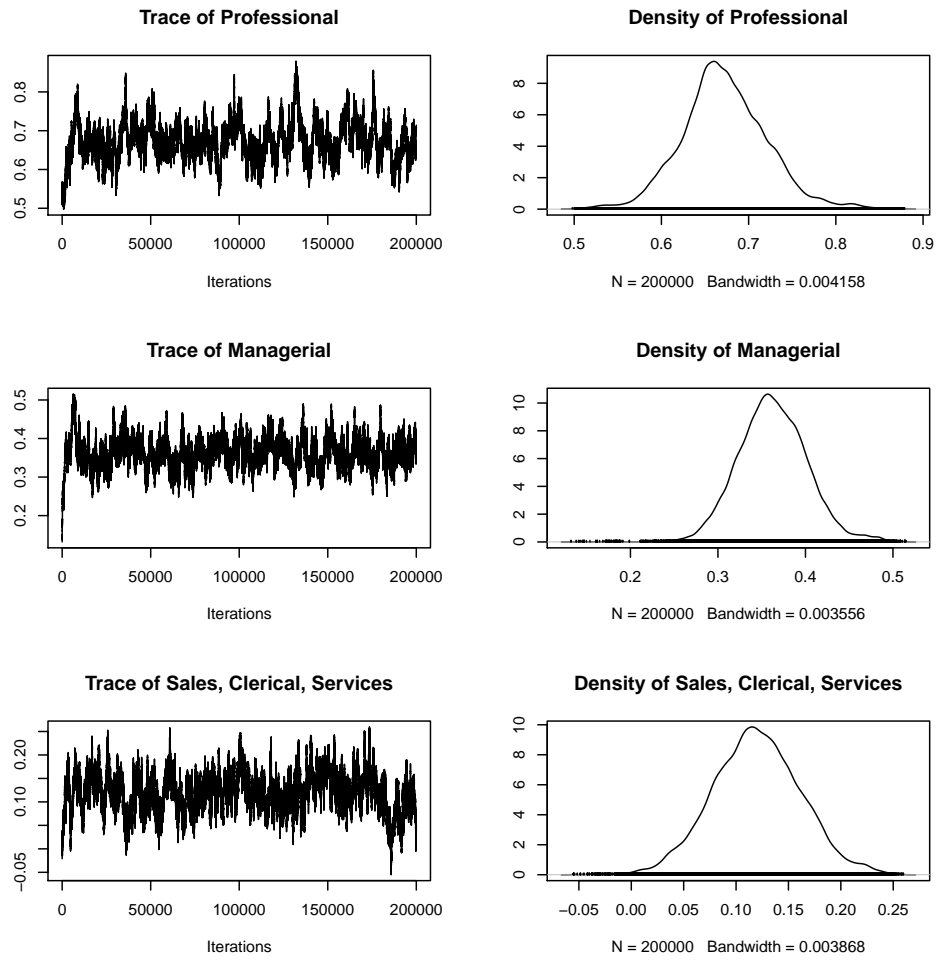


Figure 1: Preference for Education across Employers

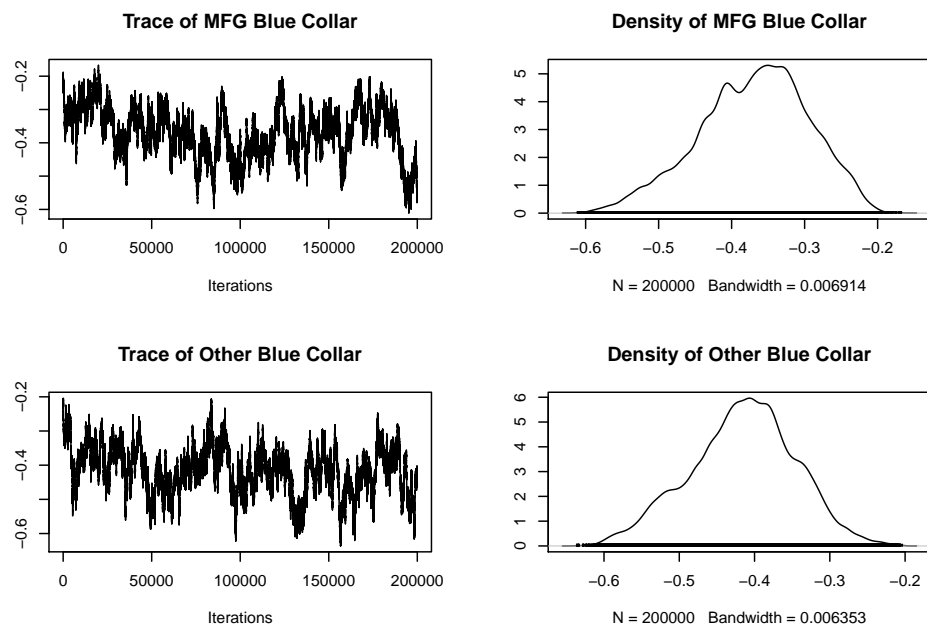


Figure 2: Preference for Education across Employers

References

Logan, J. A. (1996). Opportunity and Choice in Socially Structured Labor Markets. *American Journal of Sociology* 102(1), 114.