

Technical Appendix to ON-THE-JOB SEARCH IN A MATCHING MODEL WITH HETEROGENEOUS JOBS AND WORKERS

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Online Appendix

Detailed numerical results belonging to Section 7.3: Unequal Contact Rates

The Table below reports the labour outcomes for 5 different values of λ ranging from 0.2 to 1. The rest of the parameters are identical as in Table 1. Namely $\beta = 0.5$, $r = 0.01$, $\delta = 0.1$, $c = 0.5$, $b = 0.1$, $\mu = 0.75$, $y(1) = 1$, $y(s) = 1.5$ and $f(\theta) = \sqrt{\theta}$.

Table 4
Labour Market Outcomes with Unequal Contact Rates

Variables Values of λ	0.2	0.4	0.6	0.8	1
Labour market tightness θ	1.527	1.517	1.505	1.494	1.486
Share of unskilled vacancies ζ	0.683	0.671	0.669	0.670	0.671
Share of less-educated unemployed ϕ	0.809	0.812	0.812	0.812	0.812
Share of unemployed job seekers ψ	0.847	0.808	0.788	0.775	0.765
Unemployment rate u	0.098	0.100	0.100	0.101	0.101
Mass of mismatched workers $e(n, h)$	0.088	0.059	0.045	0.037	0.031
Unemployment rate high-educated workers $\tilde{u}(h)$	0.075	0.075	0.075	0.076	0.076
Unemployment rate less-educated workers $\tilde{u}(l)$	0.106	0.108	0.109	0.109	0.109
Wage of less-educated workers $w(n, l)$	0.907	0.905	0.905	0.905	0.905
Wage of high-educated workers in unskilled jobs $w(n, h)$	0.956	0.908	0.856	0.803	0.750
Wage of high-educated worker in skilled job $w(s, h)$	1.284	1.303	1.313	1.319	1.323
JTJ total separations	0.231	0.293	0.322	0.338	0.349
Wage Inequality					
Between groups	1.277	1.328	1.352	1.367	1.378
Within groups	1.213	1.324	1.430	1.541	1.662
Variance of Wages					
Total	0.019	0.024	0.028	0.030	0.032
High-educated workers	0.025	0.030	0.033	0.035	0.038