

# Progress Report

8th Presentation for AS IV of Prof. VESZTEG, Robert Ferenc

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# Changing Size

fixed probability=0.4, search until the end

- sizes of 10, 20, 50, 100 and 200

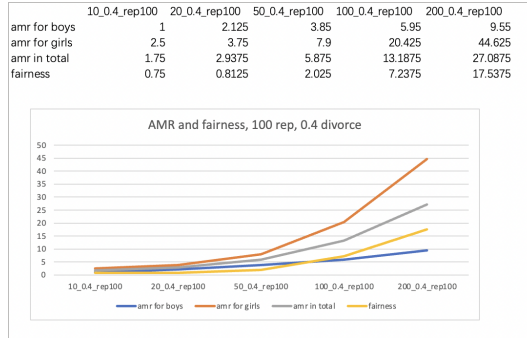


Figure 1: AMR and fairness

## Changing Size (Cont.)

fixed probability=0.4, search until the end

- single side 10, 20, 50, 100 and 200

	10_0.4_rep100	20_0.4_rep100	50_0.4_rep100	100_0.4_rep100	200_0.4_rep100
matched pair in the secondary divorce group	400	800	2000	4000	8000
matched pair in total	1000	2000	5000	10000	20000
blocking pairs in the secondary divorce group	382	613	825	963	857
blocking pair in total	909	1309	1023	1130	893

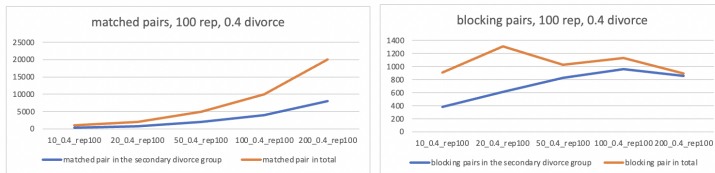


Figure 2: blocking pairs and matched pairs

# Changing Probability

fixed probability=0.4, search until the end

- single side 100

	20_0.1_rep100	20_0.2_rep100	20_0.3_rep100	20_0.4_rep100	20_0.5_rep100
amr for boys	1.105	1.32	1.521666667	1.6975	1.983
amr for girls	1.225	1.8	2.47	2.935	3.287
amr in total	1.165	1.56	1.995833333	2.31625	2.635
fairness	0.06	0.24	0.474166667	0.61875	0.652

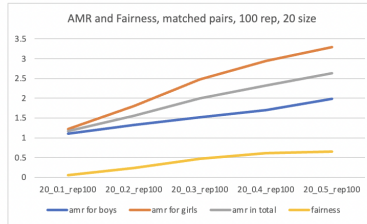


Figure 3: AMR and fairness

# Changing Probability (Cont.)

3 steps, single side 100

- single side 100

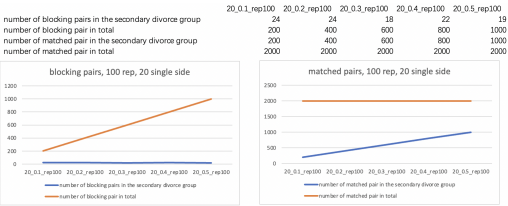


Figure 4: matching pairs and blocking pairs

# Changing Steps

fixed probability=0.4, single side 100

- steps 3 to 9

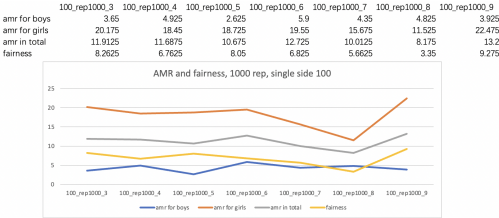


Figure 5: AMR and fairness

# Changing Steps (Cont.)

fixed probability=0.4, single side 100

- steps 3 to 9

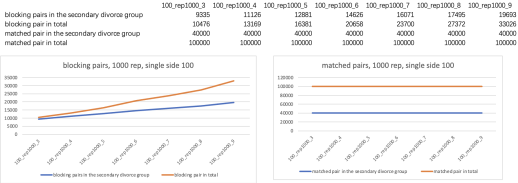


Figure 6: AMR and fairness