	Welfare	**EF**
Over-demanded, $n < m$, single-minded markets.		
Huang	0.5937	0.2379
Greedy Utilitarian	**0.9625**	**0.1277**
Greedy Egalitarian	0.8195	0.1839
Optimal Utilitarian	1.0000	0.1165
Optimal Egalitarian	0.8365	0.1790
Under-demanded, $n \geq m$, single-minded markets.		
Huang	0.7487	**0.2051**
Greedy Utilitarian	**0.9459**	0.2617
Greedy Egalitarian	0.8073	0.3216
Optimal Utilitarian	1.0000	0.2393
Optimal Egalitarian	0.8235	0.3251

Welfare, 50 items.

Legend:
- Huang's
- Greedy Utilitarian
- Greedy Egalitarian
- Optimal Utilitarian
- Optimal Egalitarian

X-axis: Number Of Bidders
Y-axis: Average ratio

EF violations, 50 items.

Welfare, 50 bidders.
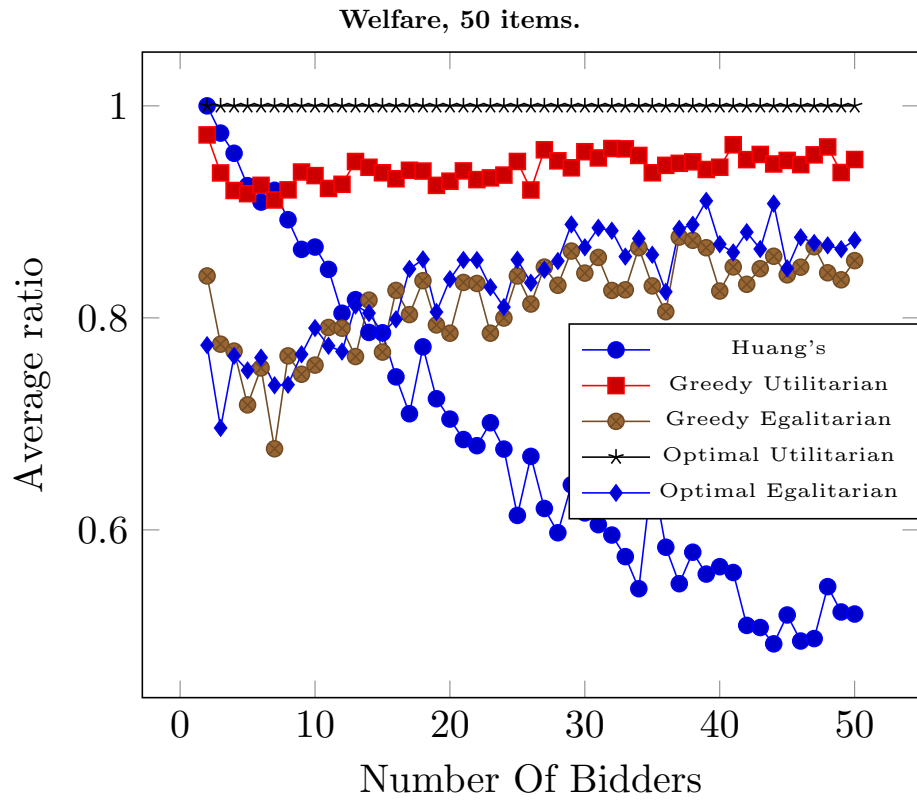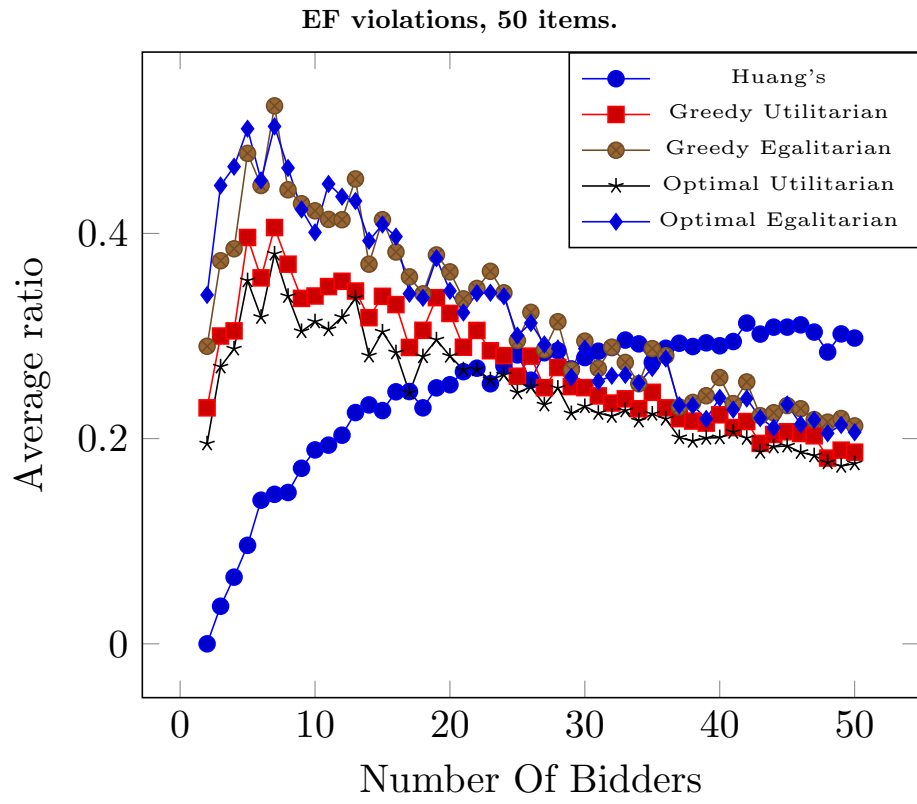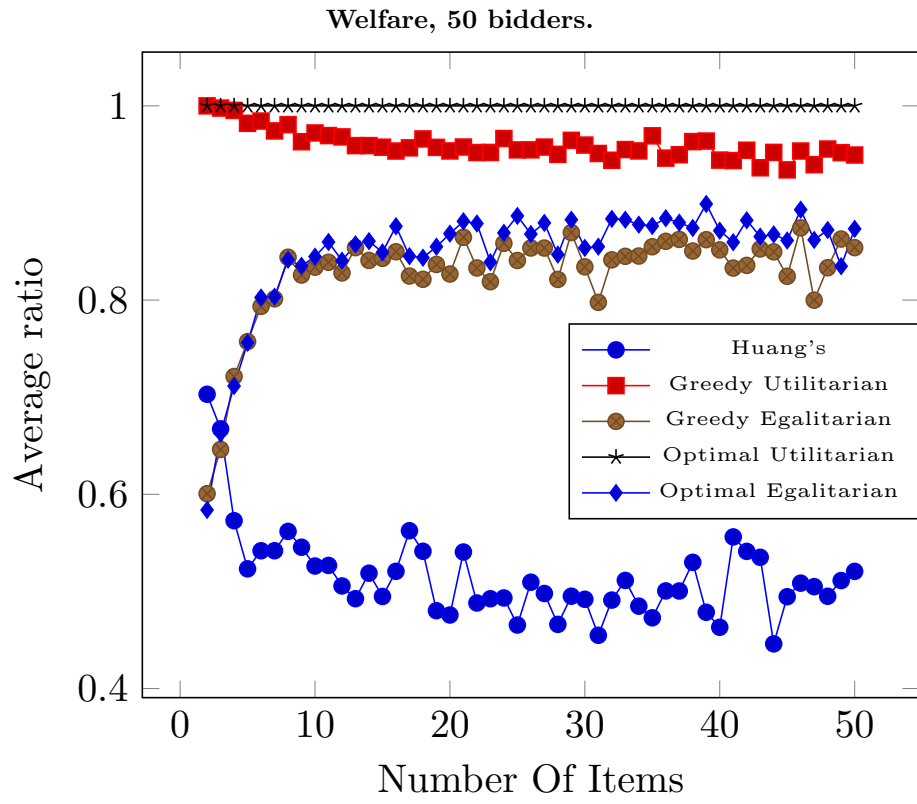
EF Violations, 50 bidders.