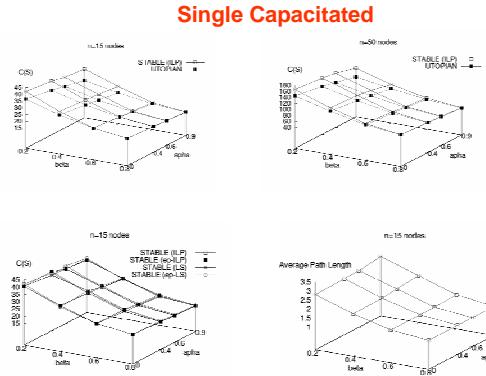
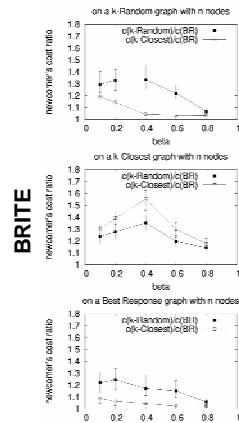


Social Cost of Stable Wirings



Experiments and Implications

	$\beta=0.1$	$\beta=0.2$	$\beta=0.4$	$\beta=0.6$	$\beta=0.8$
BRITE	1.44	1.53	1.52	1.84	1.38
PlanetLab	2.23	1.48	1.75	1.23	1.57
AS-level	2.04	1.9	1.83	1.61	1.58



Publications:

- [1] "Implications of Selfish Neighbor Selection in Overlay Networks" Nikolaos Laoutaris, Georgios Smaragdakis, Azer Bestavros and John W. Byers. IEEE INFOCOM 2007.
- [2] "Swarming on Optimized Graphs for n-way Broadcast" Georgios Smaragdakis, Nikolaos Laoutaris, Pietro Michiardi, Azer Bestavros, John W. Byers, and Mema Roussopoulos. IEEE INFOCOM 2008.

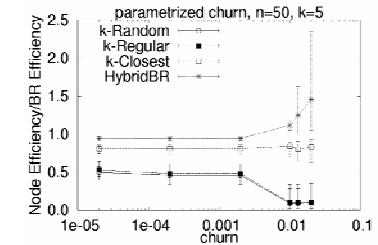
References:

- [3] "EGOIST: Overlay Routing using Selfish Neighbor Selection" Georgios Smaragdakis, Nikolaos Laoutaris, Azer Bestavros, John W. Byers and Mema Roussopoulos. Under Submission.
- [4] "A bounded-degree network formation game" Nikolaos Laoutaris, Rajmohan Rajaraman, Ravi Sundaram, Shang-Hua Teng. arXiv-CoRR cs.GT/0701071.

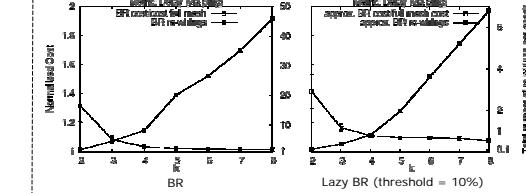
EGOIST : A scalable SNS-inspired System



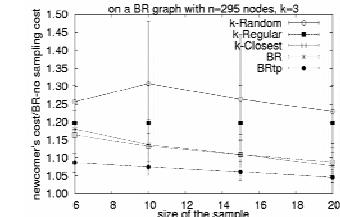
Under Churn



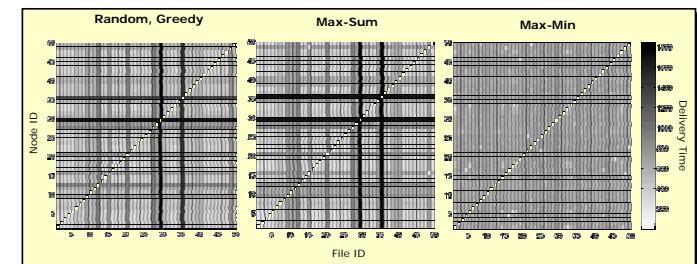
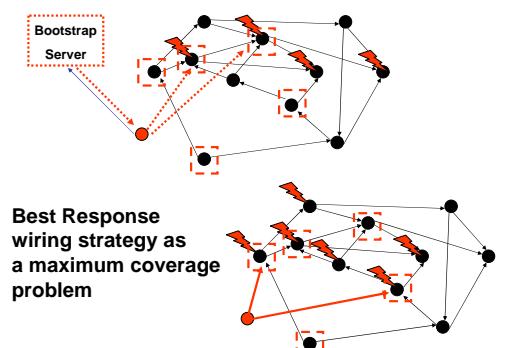
Re-wiring Frequency



With Incomplete Information



Improving Search performance in Unstructured P2P systems



Best Response wiring strategy as a maximum flow problem