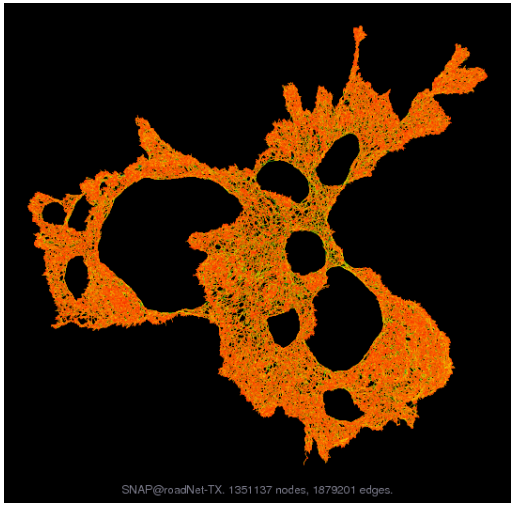
	Facebook[1]	TX roads[2]
Vertices	63731	1393383
Edges (both undir.)	817035	1921660
Triangles	10501626	248607
Triangles/node	164.780	0.178
Mean degree	25.640	2.758
Density	0.0004023	0.0000002
Conn. components	144	13890
Mean component size	442.576	100.315
Global clustering coeff.	0.1477	0.0602



Question

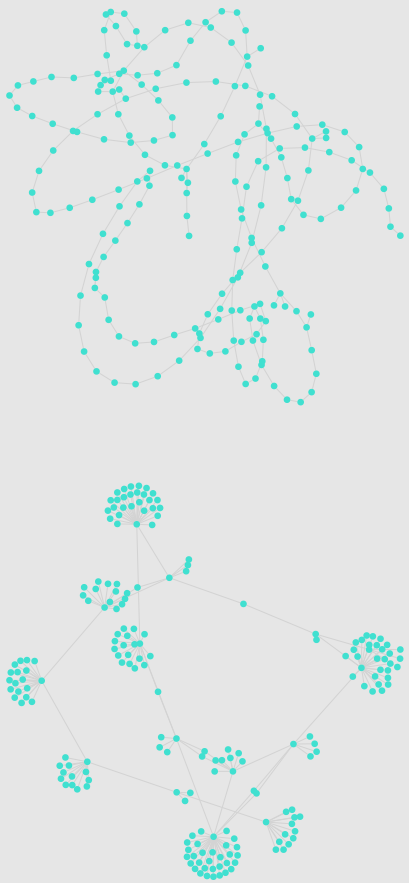
A road network is topologically fundamentally different from a social one. How do different sampling strategies react to these differences?

[1] http://konect.uni-koblenz.de/networks/facebook-wosn-links
[2] http://konect.uni-koblenz.de/networks/roadNet-TX

Comparison of random walk and “Forest Fire” (see here[3]), by analysing some graph measures on samples.

Texas

Facebook



[3] Leskovec, J; Faloutsos, C. “Sampling from Large Graphs.” In: Proceedings of the 12th ACM SIGKDD International Conference on Knowledge Discovery and Data Mining, 631–636. ACM, 2006.