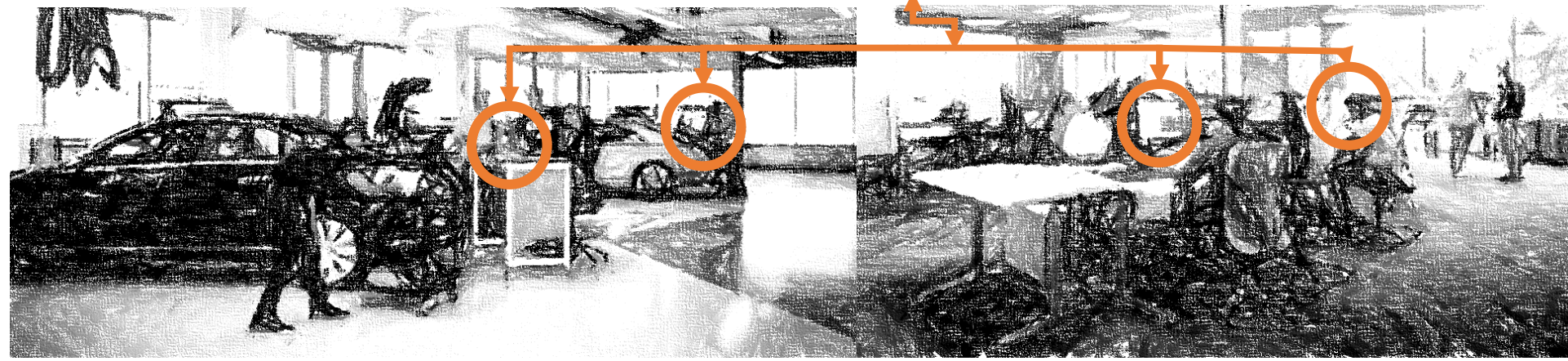


A Network Tour of Stackoverflow

Simon Romanski, Max Rünz, Claas Brüß

How does Collaboration with  **stackoverflow** change teamwork?



My question is: How can I generate non-repetitive random numbers in numpy?

28 `list = np.random.random_integers(20, size=(10))`

random numpy numbers non-repetitive

share improve this question edited Oct 5 '15 at 13:19 ali_m 37k ● 8 ● 100 ● 171 asked Dec 14 '11 at 13:56 Academia 1,720 ● 3 ● 22 ● 40

2 Answers

If you don't insist on using NumPy, you can use `random.sample()` from the standard library:

37 `print random.sample(range(20), 10)`

With NumPy, you will have to use `numpy.random.shuffle()` and slicing:

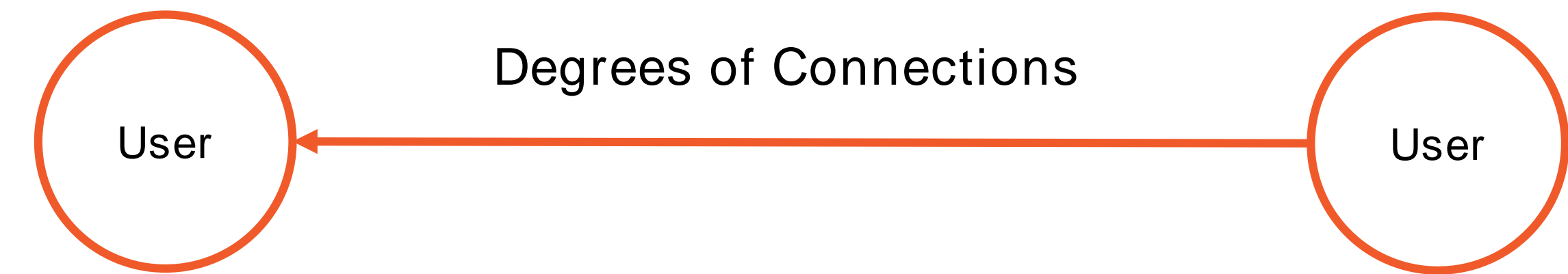
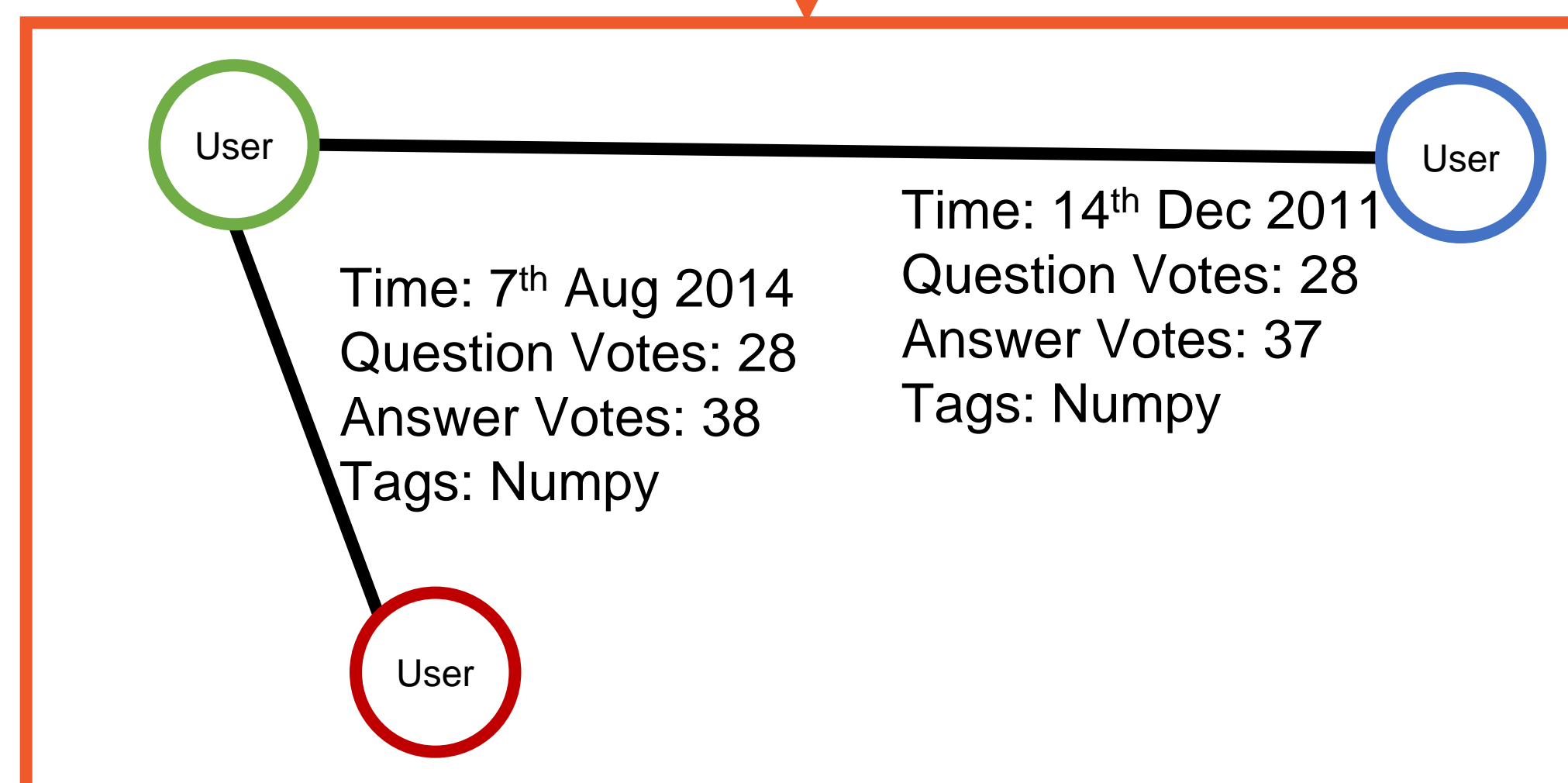
✓ `a = numpy.arange(20)`
`numpy.random.shuffle(a)`
`print a[:10]`

share improve this answer edited Oct 4 '15 at 11:39 answered Dec 14 '11 at 14:03 Sven Mamach 289k ● 58 ● 683 ● 656

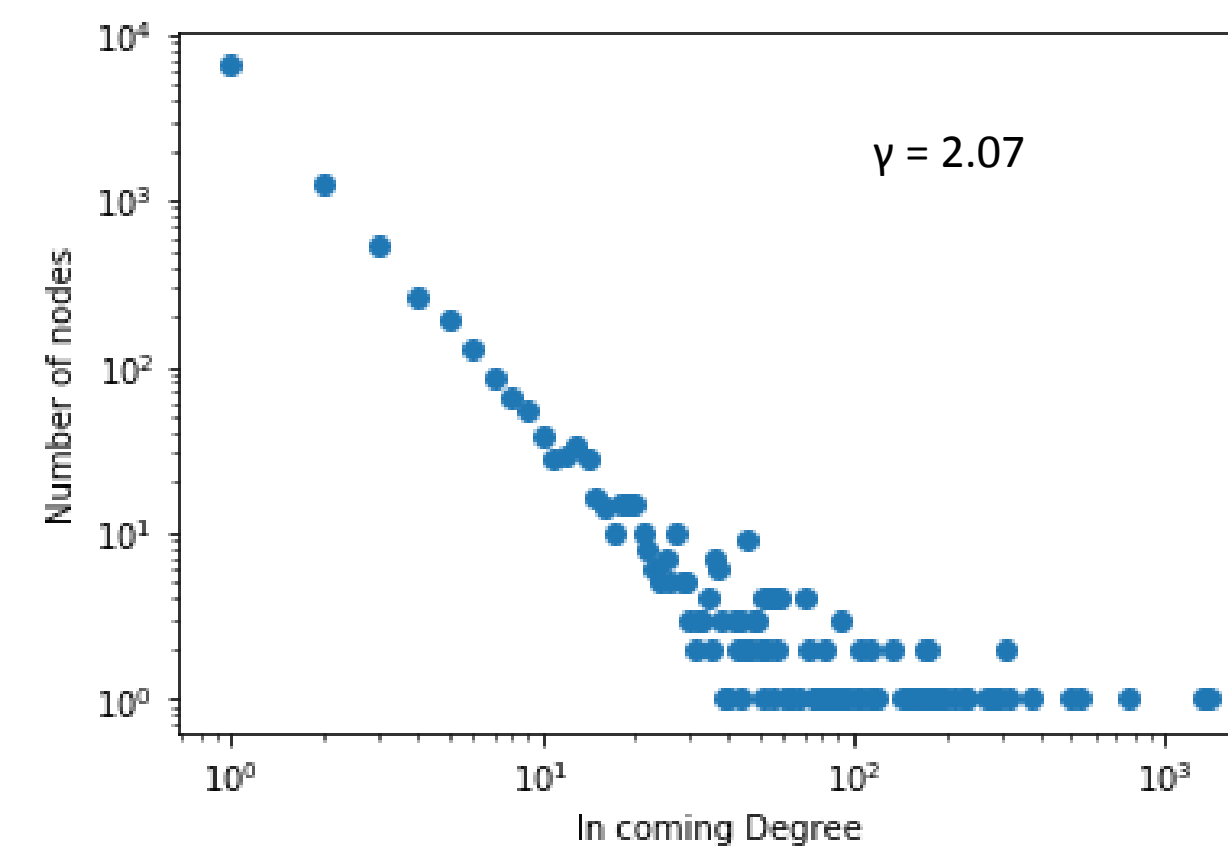
I think `numpy.random.sample` doesn't work right, now. This is my way:

38 `import numpy as np`
`np.random.choice(range(20), 10, replace=False)`

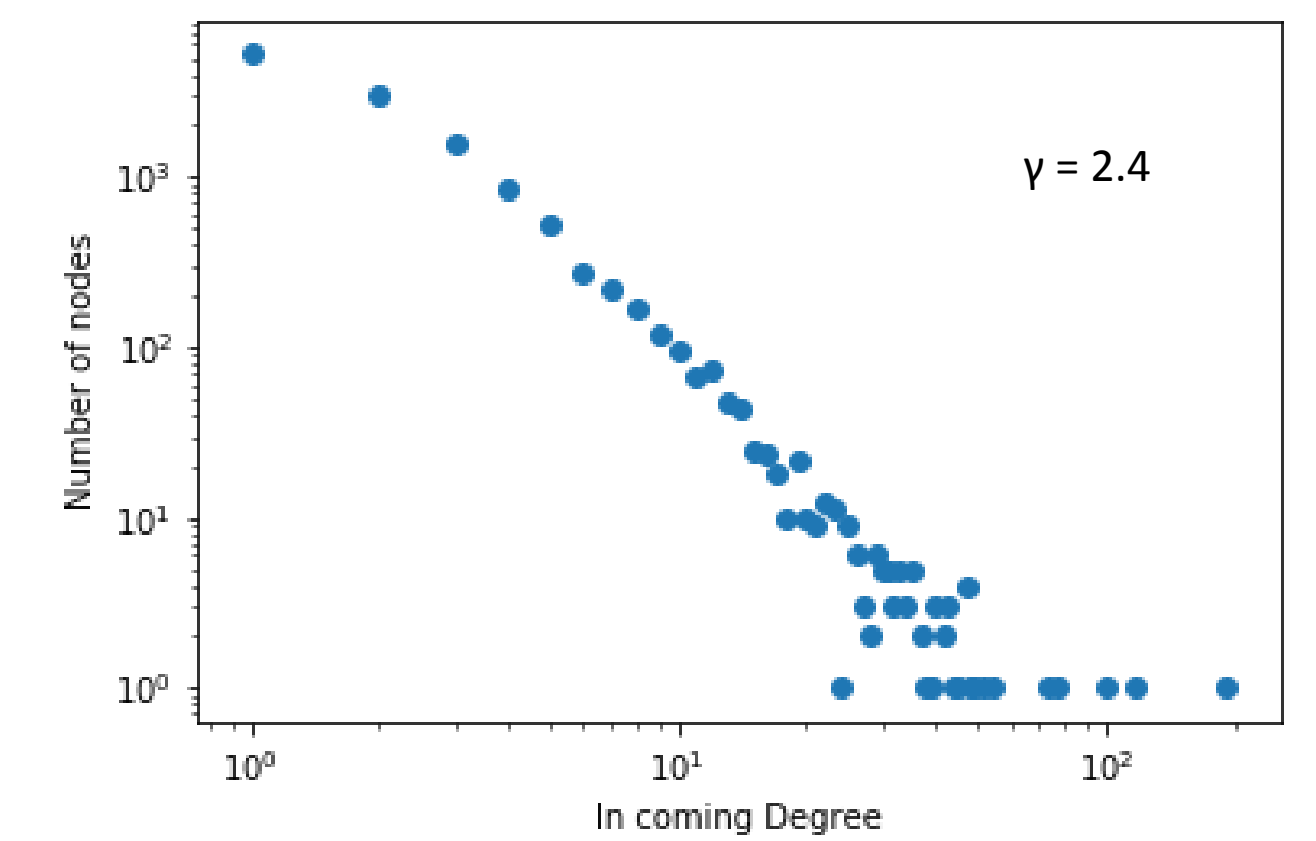
share improve this answer edited Aug 7 '14 at 5:44 xav 3,269 ● 7 ● 25 ● 41 answered Aug 7 '14 at 5:24 stnam 516 ● 4 ● 5



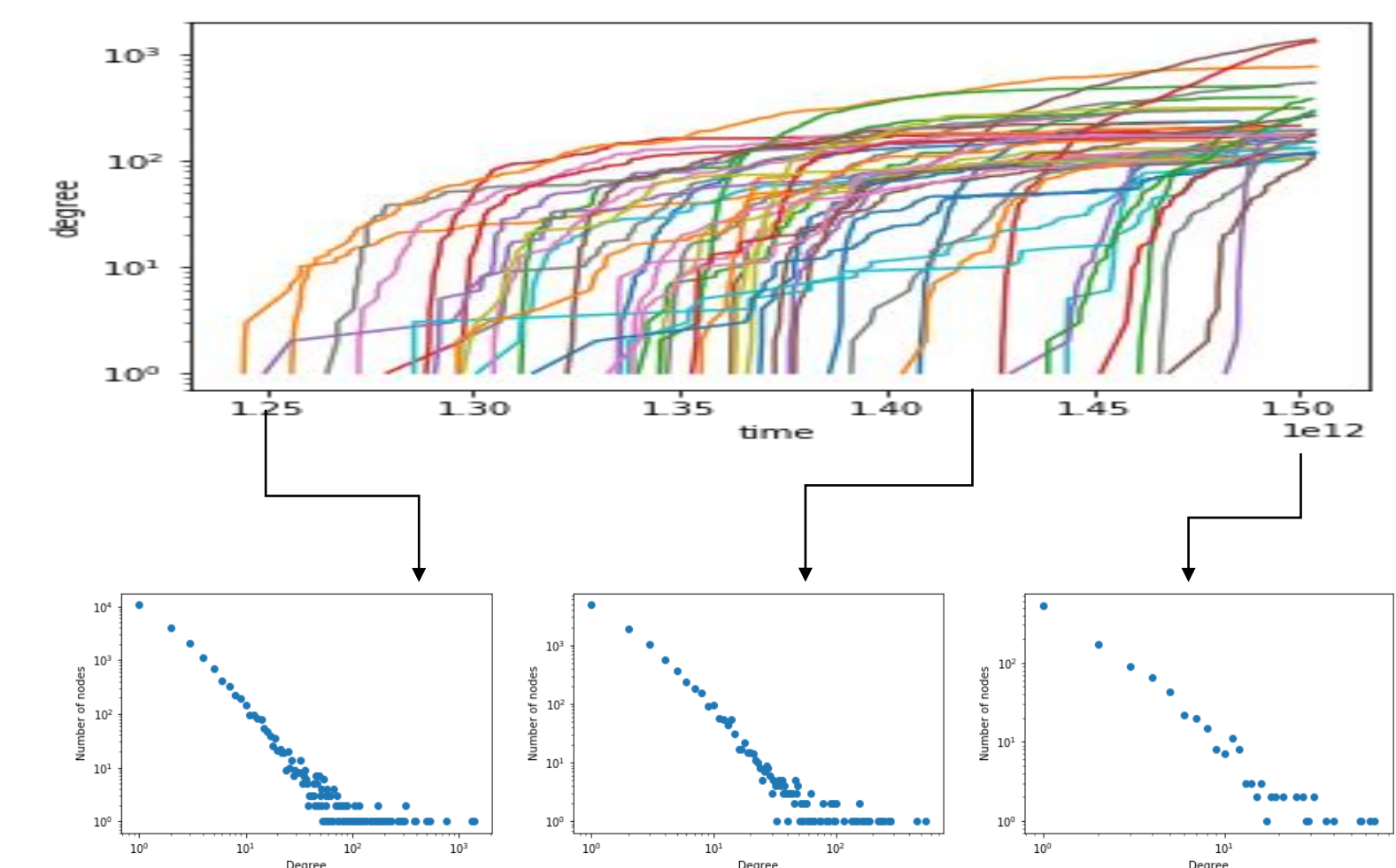
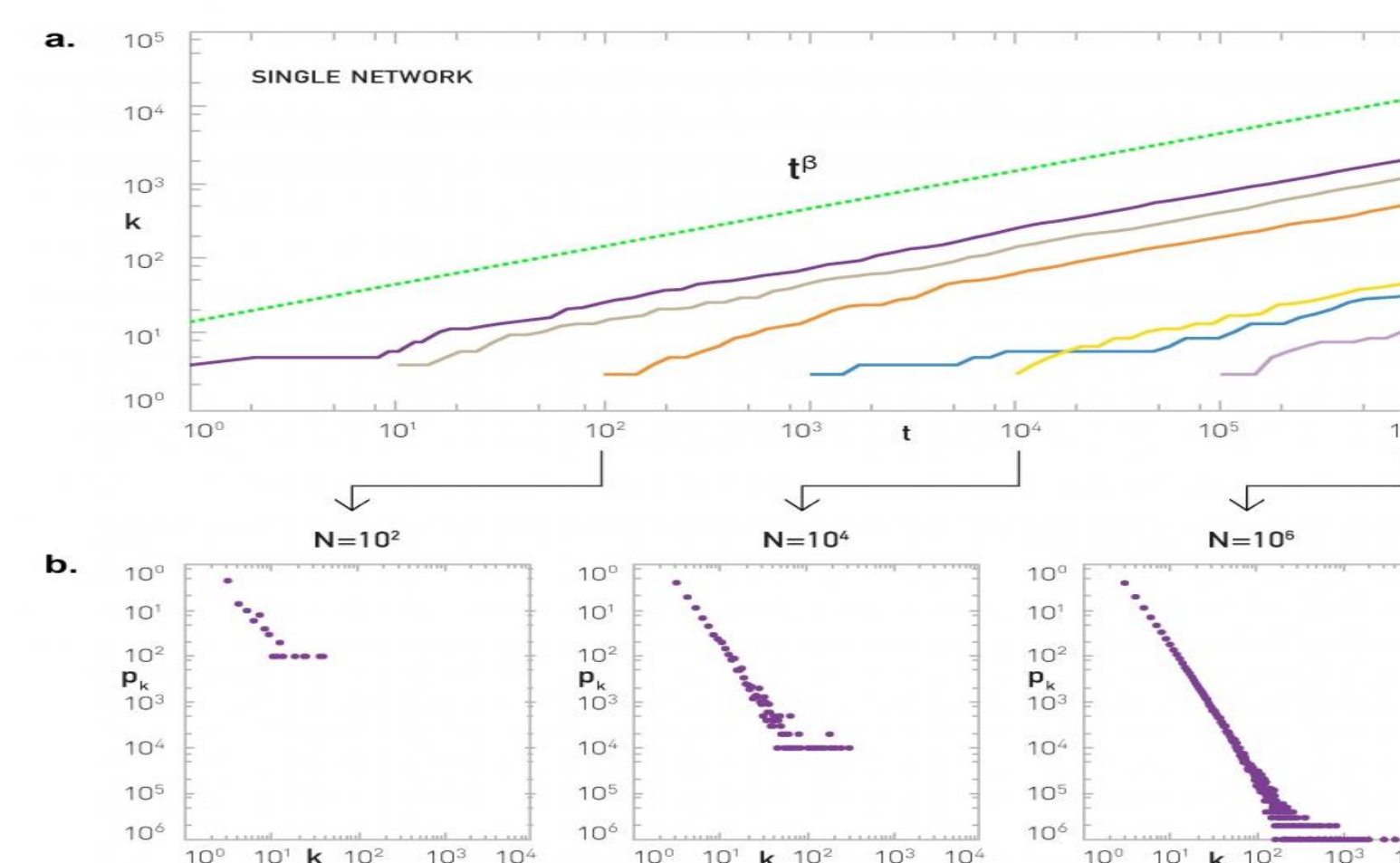
Incoming : Posting an Answer to a Question



Outgoing : Receiving an Answer for a Question



Time Evolution of Degrees of Connections



- Model close to Hubs and Spikes Topology and Scale Free Network Model
- New Graph Model necessary for considering time rather than steps
- **Specialists of Belbin's team work model are the hubs of network**
- Not only large companies can afford specialist knowledge
- Stackoverflow is connecting specialist as usually only seen in places like Silicon Valley or University Campuses

