SOCIAL NETWORK ANALYSIS

IDENTIFICATION OF INFLUENTIAL NODES

DATASET : SBCN-PDHDP

K normalization [for k=1000, 1250, 1500, 1750, 1950, 2250]

The top k ranked nodes are found and they are normalized separately. They are again ranked based on the new values and ordered as done previously.

K value	Top k nodes count	Top k nodes with order
1000	1	[7018]
1250	3	[7018, 204054, 204004]
1500	5	[7018, 110028, 204054, 204004, 202109]
1750	12	[7018, 110028, 110108, 204054, 204004, 202109, 11115, 106191, 107177, 204146, 9905111, 108172]
1950	28	[12210, 7018, 111093, 110108, 110028, 3136, 203101, 203018, 204054, 202179, 204004, 202109, 201253, 204144, 112045, 5067, 11115, 203134, 106191, 107177, 206038, 9905111, 204146, 108172, 204189, 7170, 205089, 8241]
2200	35	[12210, 6023, 110050, 7018, 111093, 110108, 110028, 3136, 203101, 203018, 204054, 9907086, 202179, 204004, 202109, 201253, 204144, 112045, 5067, 11115, 203134, 106191, 107177, 3025, 5127, 8074, 206038, 9905111, 204146, 108172, 204189, 205101, 7170, 205089, 8241]