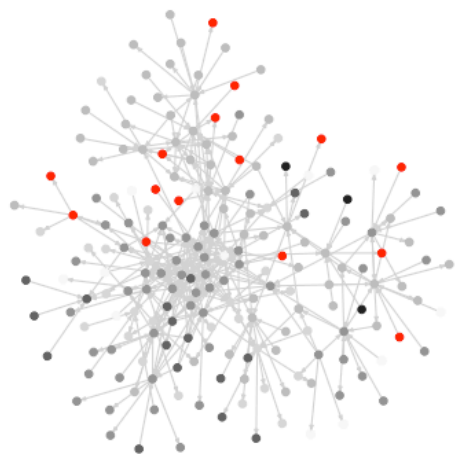
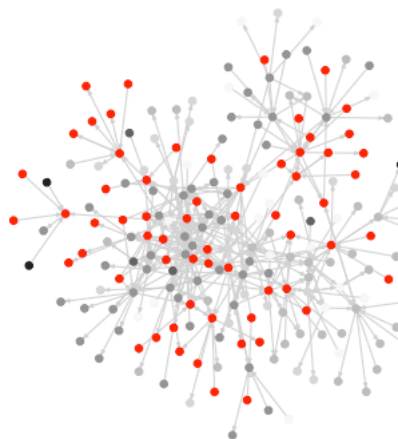


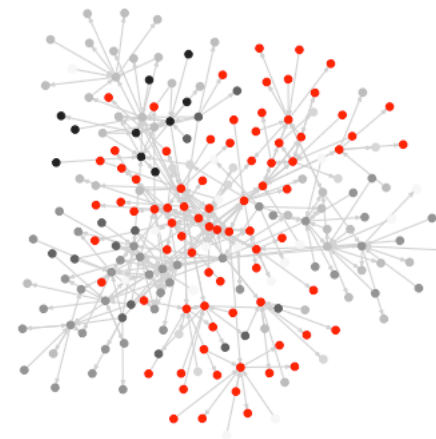
Volkswagen



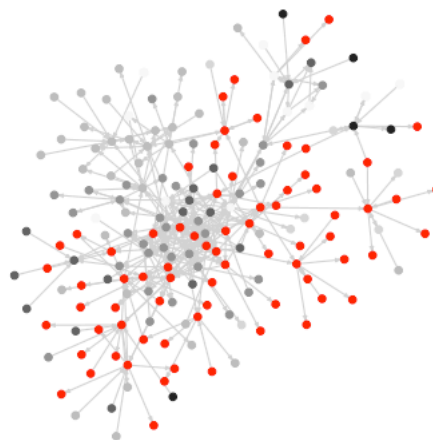
General Motor



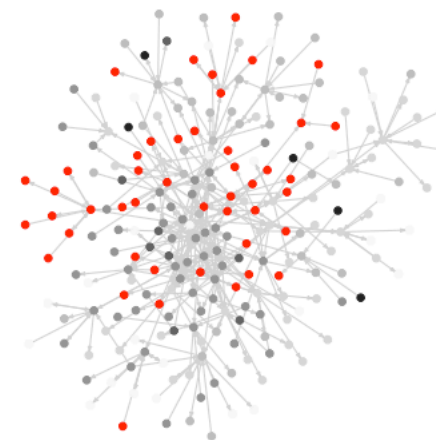
Hyundai



Toyota



SAIC



各公司单个网络图，
突出本国企业。
本国企业占比：
Volkswagen: 8.38%
GM: 31.19%
Hyundai: 37.56%
Toyota: 40.33%
SAIC: 28.28%

	country	num	ratio
1	US	67	35.08%
2	JP	27	14.14%
3	DE	16	8.38%
4	CN	15	7.85%
5	FR	14	7.33%
6	GB	7	3.66%
7	TW	6	3.14%
8	NL	4	2.09%
9	IN	4	2.09%
10	SE	3	1.57%

Volkswagen

	country	num	ratio
1	US	63	31.19%
2	KR	30	14.85%
3	JP	20	9.9%
4	DE	18	8.91%
5	CN	12	5.94%
6	FR	11	5.45%
7	TW	7	3.47%
8	GB	7	3.47%
9	IN	5	2.48%
10	NL	4	1.98%

General Motor

	country	num	ratio
1	KR	80	37.56%
2	US	42	19.72%
3	CN	17	7.98%
4	JP	16	7.51%
5	DE	13	6.1%
6	GB	8	3.76%
7	FR	8	3.76%
8	TW	7	3.29%
9	SE	3	1.41%
10	NL	2	0.94%

Hyundai

每个公司网络中占比排名前十的国家。
num为各国企业数量， ratio为num/网络中公司总数

	country	num	ratio
1	JP	73	40.33%
2	US	41	22.65%
3	ID	12	6.63%
4	KR	9	4.97%
5	DE	9	4.97%
6	FR	6	3.31%
7	CN	5	2.76%
8	TW	4	2.21%
9	MY	3	1.66%
10	GB	3	1.66%

Toyota

	country	num	ratio
1	US	68	29.96%
2	CN	47	20.7%
3	KR	24	10.57%
4	JP	18	7.93%
5	DE	14	6.17%
6	FR	11	4.85%
7	GB	9	3.96%
8	SA	6	2.64%
9	MY	6	2.64%
10	NL	3	1.32%

SAIC

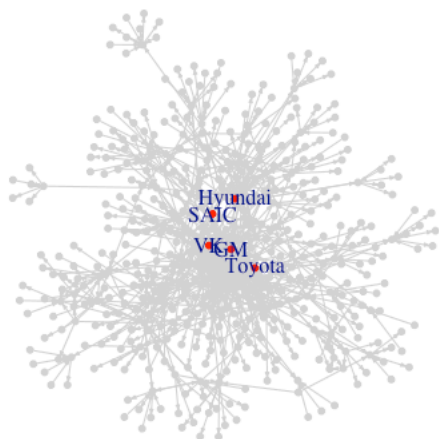
突出这五家公司：

'SAIC Motor Corp Ltd', 'Hyundai Motor Co', 'Toyota Motor Corp', 'General Motors Co', 'Volkswagen AG'

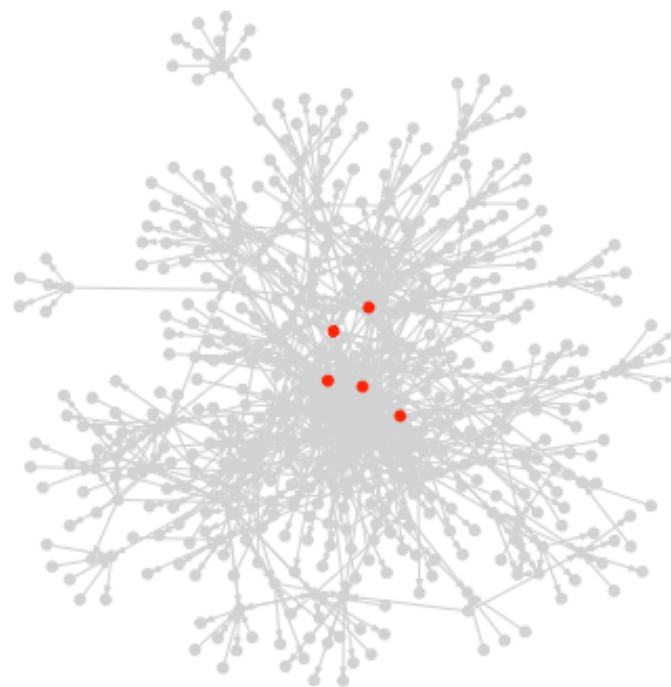
下图标注了公司名字。

右图则更好看一些。

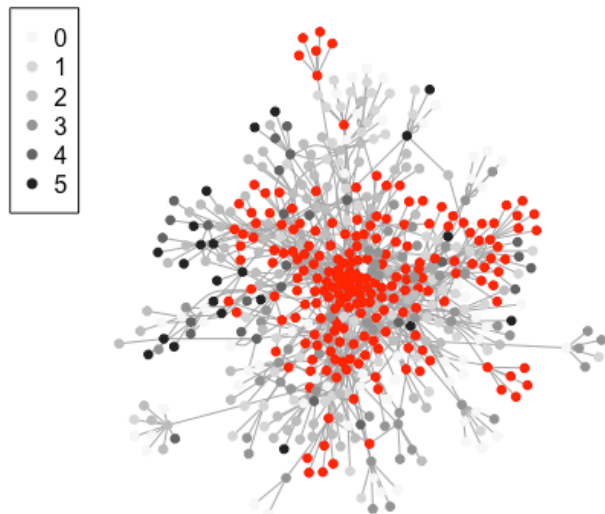
Mark 5 Central Companies



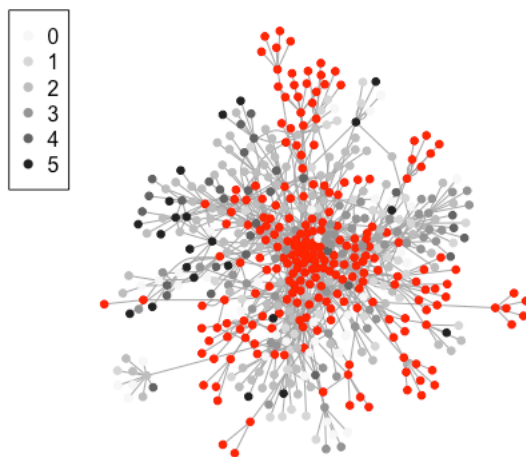
Mark 5 Central Companies



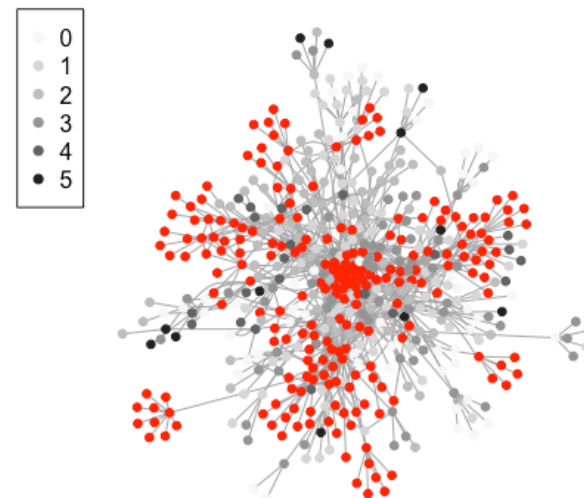
GSC by Sector, GM marked



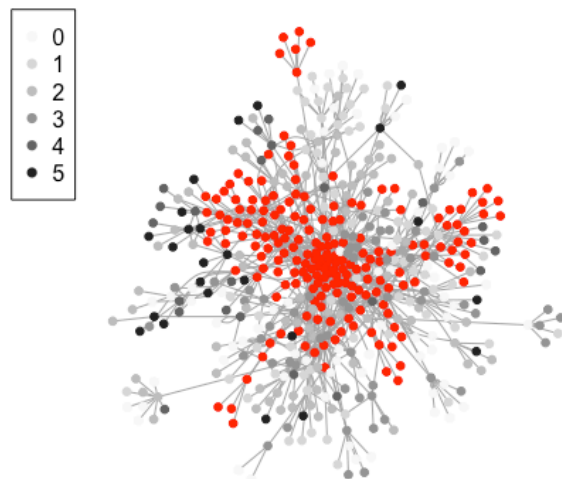
GSC by Sector, SAIC marked



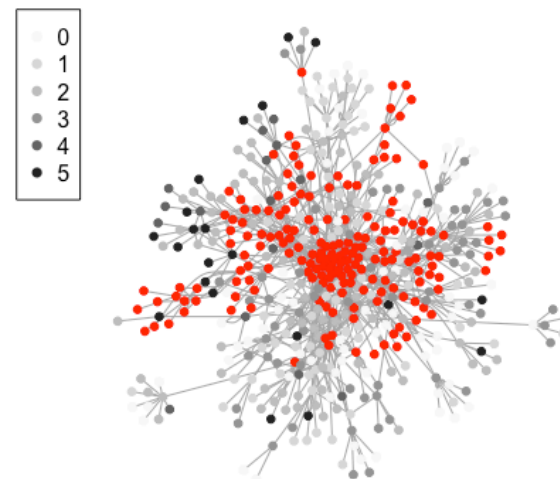
GSC by Sector, Hyundai marked



GSC by Sector, Volkswagen marked



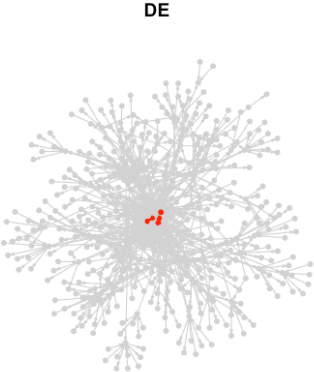
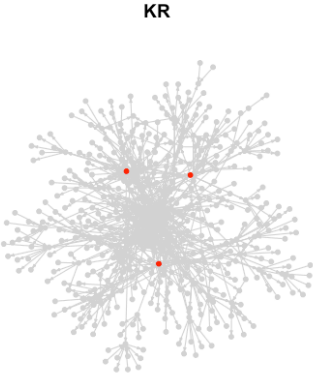
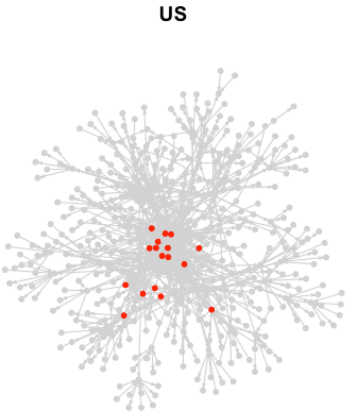
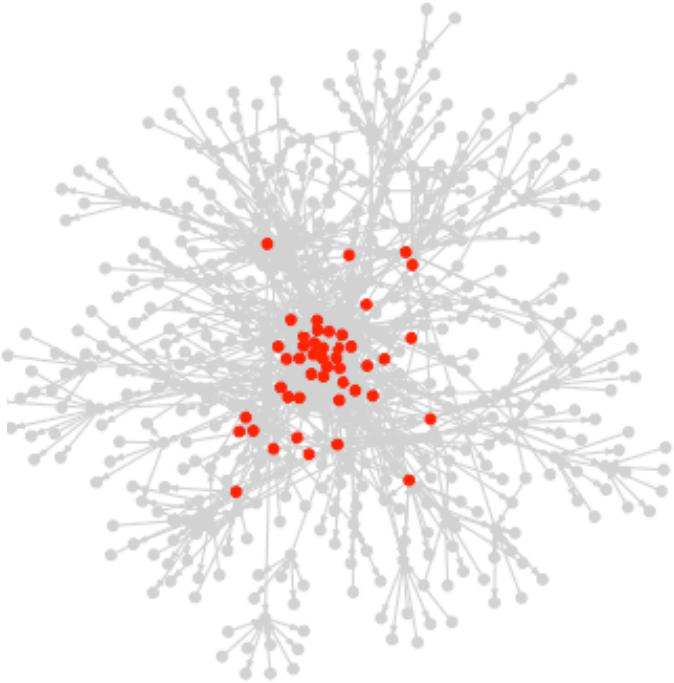
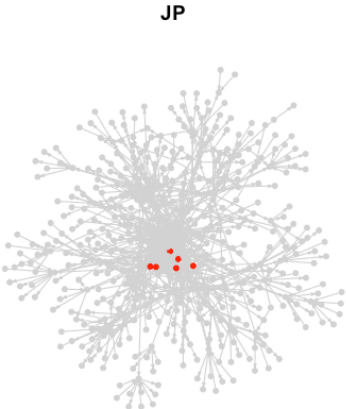
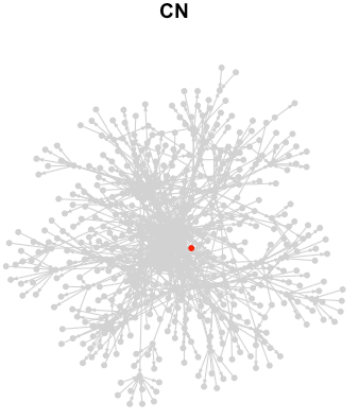
GSC by Sector, Toyota marked



五家公司的分
网络在总网络
中位置 (标红)

- 每个国家企业跟本国企业做生意的概率：
- *probability of* 跟本国企业做生意|是中国企业
- $\text{=num(跟该国企业做过交易的该国企业)} / \text{num(该国企业)}$
- US: $89 / 123 = 72.36\%$
- JP: $70 / 88 = 79.55\%$
- KR: $89 / 94 = 94.68\%$
- CN: $43 / 64 = 67.19\%$
- DE: $17 / 24 = 70.83\%$

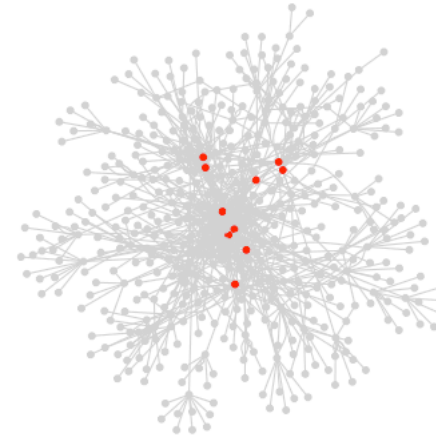
Companies Appeared in All 5 Subr



Betweenness Centrality Top 10 (undirected)

	Company	BC	Country
1	Toyota Motor Corp	0.1247	JP
2	Samsung Electronics Co Ltd	0.1073	KR
3	Kia Motors Corp	0.1055	KR
4	ZF Friedrichshafen AG	0.0983	DE
5	BASF SE	0.0942	DE
6	Hanwha Corp	0.0785	KR
7	Avis Budget Group Inc	0.0780	US
8	Hyundai Motor Co	0.0694	KR
9	General Motors Co	0.0668	US
10	Astra International Tbk PT	0.0657	ID

Top 10 Marked



BC国家总值排名

	Country	Sum	Num	Avg
1	KR	0.8631	94	0.0092
2	US	0.8285	123	0.0067
3	JP	0.5638	88	0.0064
4	DE	0.5122	24	0.0213
5	CN	0.2869	64	0.0045
6	FR	0.1205	16	0.0075
7	GB	0.1043	13	0.0080
8	ID	0.0969	13	0.0075
9	MY	0.0452	9	0.0050
10	CA	0.0397	3	0.0132

BC国家均值排名

	Country	Sum	Num	Avg
1	DE	0.5122	24	0.0213
2	LU	0.0366	2	0.0183
3	CA	0.0397	3	0.0132
4	KR	0.8631	94	0.0092
5	GB	0.1043	13	0.0080
6	FR	0.1205	16	0.0075
7	ID	0.0969	13	0.0075
8	US	0.8285	123	0.0067
9	JP	0.5638	88	0.0064
10	NL	0.0255	5	0.0051