Target: James Bond

SWS3001 GROUP 10

PROJECT-ID:24

Table of contents

- 1. Introduction
- Body(implement)
- 3. Analysis
- 4. Surprise: what we don't know we don't know

Introduce ourselves



Chen Ruiwu

- UESTC
- Grade 2



Chen Yifan

- SCU
- Grade 3



Feng Likai

- XJTU
- Grade 3



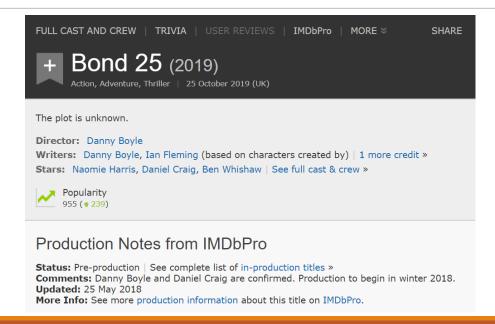
Ye Xiangyu

- HUST
- Grade 2

Work allocation

Name	Stage 1	Stage 2
Chen Ruiwu	Coding: CD algorithm	Content writing
Chen Yifan	Gather dataset, testing, analysis	Poster design
Feng Likai	Coding: CD algorithm	Content writing
Ye Xiangyu	Gather dataset, testing, analysis	Poster design

Introduction



Dataset

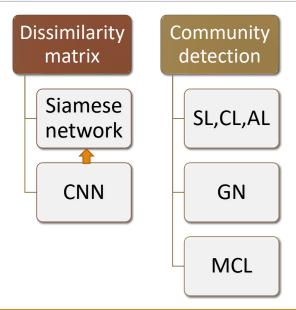
	Actor	Year	Film	Salary\$(millions)
t	Sean Connery	1962	Dr. No	0.1
		1963	From Russia with Love	0.3
		1964	Goldfinger	0.5
		1965	Thunderball	0.8
		1967	You Only Live Twice	0.8 + 25% net merchandise royalty
		1971	Diamonds Are Forever	1.2 + 12.5% of gross
		1983	Never Say Never Again (Non-Eon film)	3.0 + unknown % of profits
	George Lazenby	1969	On Her Majesty's Secret Service	0.1
		1973	Live and Let Die	0.18
	Roger Moore	1974	The Man with the Golden Gun	0.24 + 2.5%
		1977	The Spy Who Loved Me	0.3 + 3.75%
		1979	Moonraker	Unknown
		1981	For Your Eyes Only	Unknown
		1983	Octopussy	4
		1985	A View to a Kill	5
	Timothy Dalton	1987	The Living Daylights	3
		1989	Licence to Kill	5
		1995	GoldenEye	4
	Pierce Brosnan	1997	Tomorrow Never Dies	8.2
		1999	The World Is Not Enough	12.4
		2002	Die Another Day	16.5
	Daniel Craig	2006	Casino Royale	3.4
		2008	Quantum of Solace	8.9
		2012	Skyfall	17
		2015	Spectre	39

Analysis evidence example:

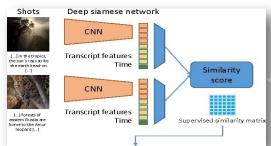
IMDb评选的TOP10邦德电影: IMDb: Top 10 James Bond 007 Movies

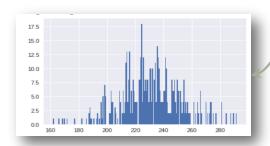
- 1. 金手指 Goldfinger (1964)
- 2. 皇家赌场 Casino Royale (2006)
- 3. 俄罗斯之恋 From Russia with Love (1963)
- 4. 雷霆谷 You Only Live Twice (1967)
- 5. 天幕杀机 Skyfall (2012)
- 6. 最高机密 For Your Eyes Only (1981)
- 7. 黄金眼 GoldenEye (1995)
- 8. 霹雳弹 Thunderball (1965)
- 9. 杀人执照 Licence to Kill (1989)
- 10. 金枪人 The Man with the Golden Gun (1974)

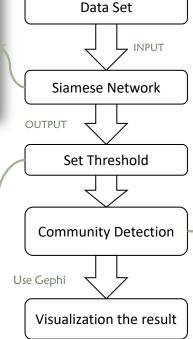
About algorithm

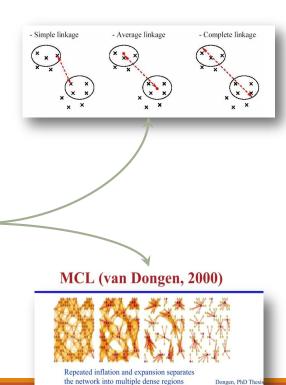


Implement









Analysis

1.We optimize the community with "don't know/know"

2.Community finding

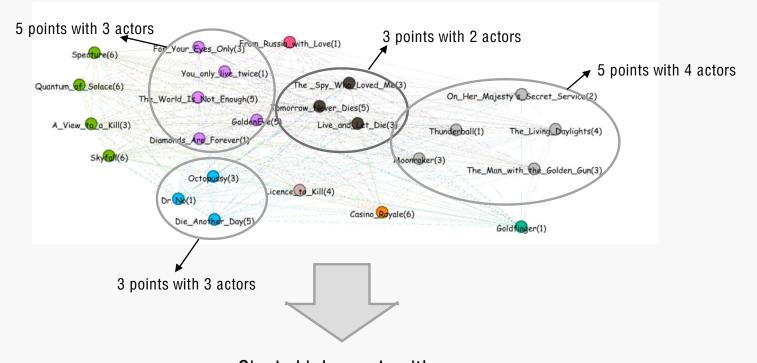
What we know that we know

• 6 actors and their leading movies.

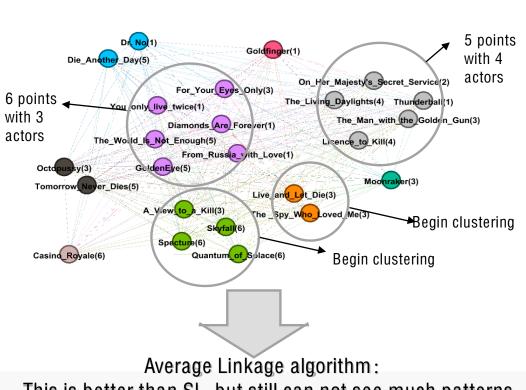
2

George Lazenby only take part in one.

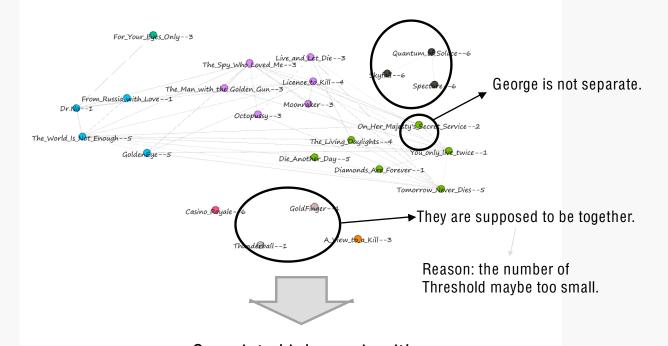
Pierce Brosnan and Daniel Craig are well-known.



Single Linkage algorithm:
We cannot see patterns;
Solution—using Average Linkage



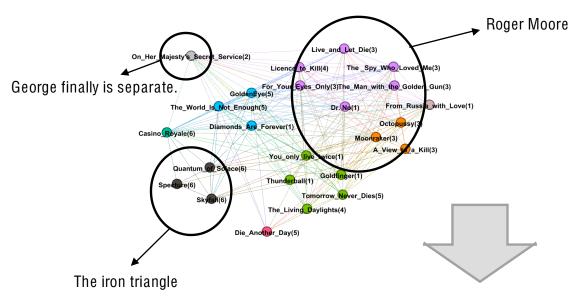
This is better than SL, but still can not see much patterns Solution—using Average Linkage



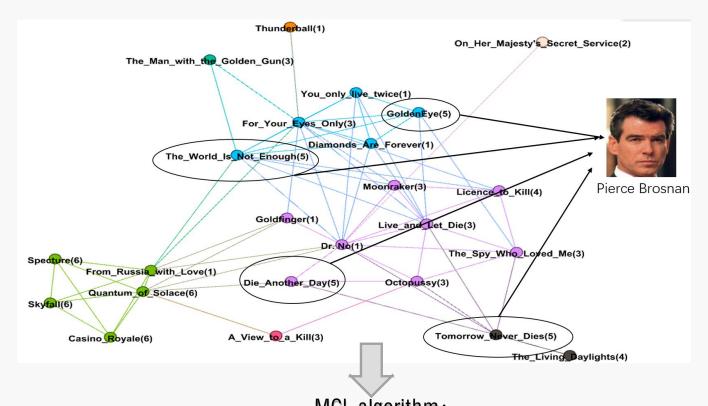
Complete Linkage algorithm:

Some obvious clusters emerged; but the thershold were not suitable.

Solution—reset the number in terms of histogram.



Complete Linkage algorithm (high threshold version): We have plenty of results to analyze.



MCL algorithm:
Some same results as CL, but there are some differences.

What we know that we don't know

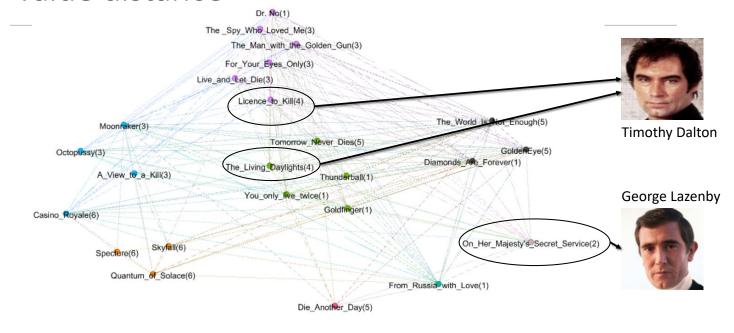


HOME / ENTERTAINMENT /

Who Is the Best James Bond? Every 007 Actor Ranked



2. Vogue role image leading to failure: high value distance



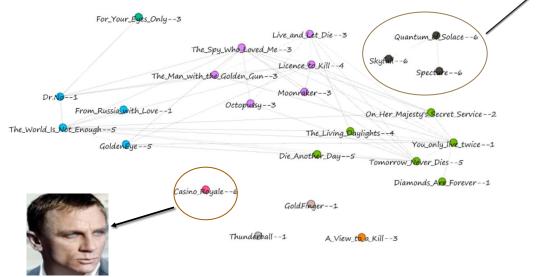
What we don't know that we don't know











Getting older --wrinkle, Moustache and less hair













40 years old Quantum of Solace













47 years old Spectre

James Bond's role in recent years is set to grow old

the MI-6 we' v 来自 <a href="https://nerdist

The movie at once deals with Bond getting older and the MI-6 we' ve known being severely changed

来自 <https://nerdist.com/james-bond-at-53-the-daniel-craig-years/>

Actor Daniel Craig is getting older

---The 25th 007 film will be his final

And...we are surprised to find that

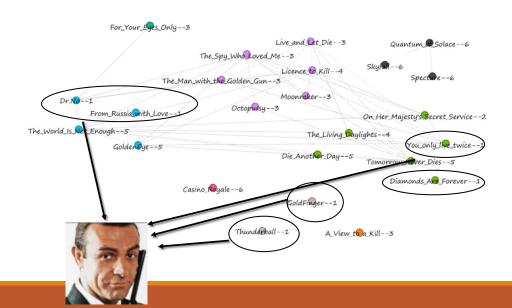
Daniel Craig realized this trend and tried to stop it by....

received plastic surgery.

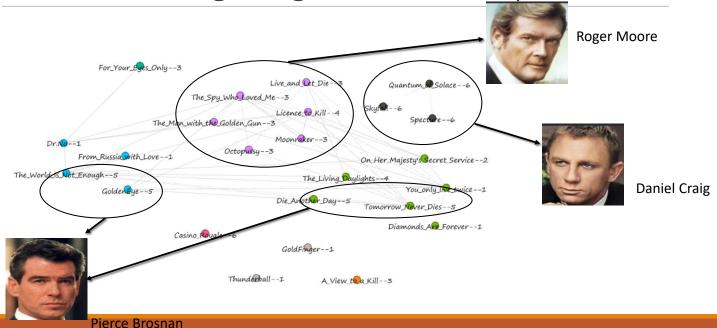


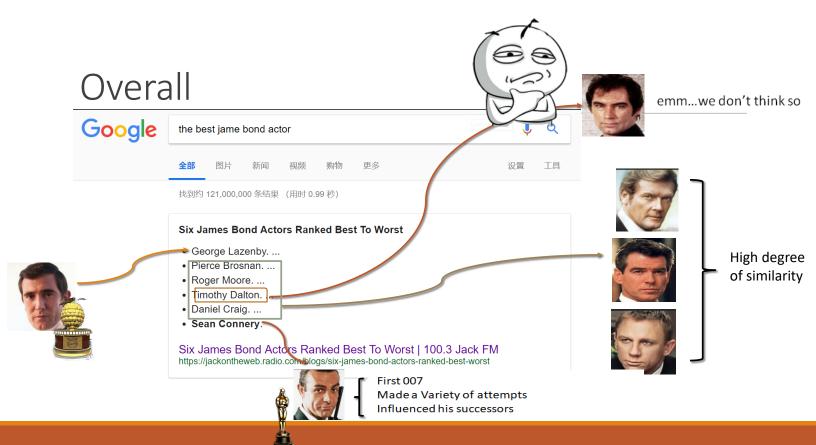


2. Sean Connery made attempts, and his performance influenced his successors.



3. The character created by three popular actors has a high degree of similarity.





What we fail and what we learn