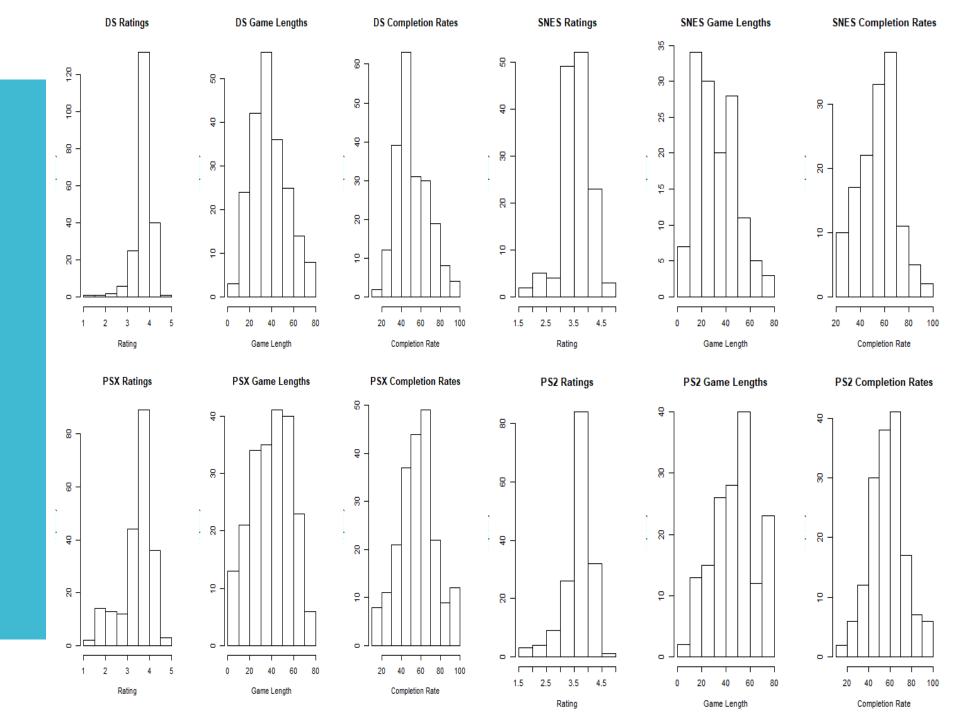
Gaming the System: Part 2

Anna Huynh

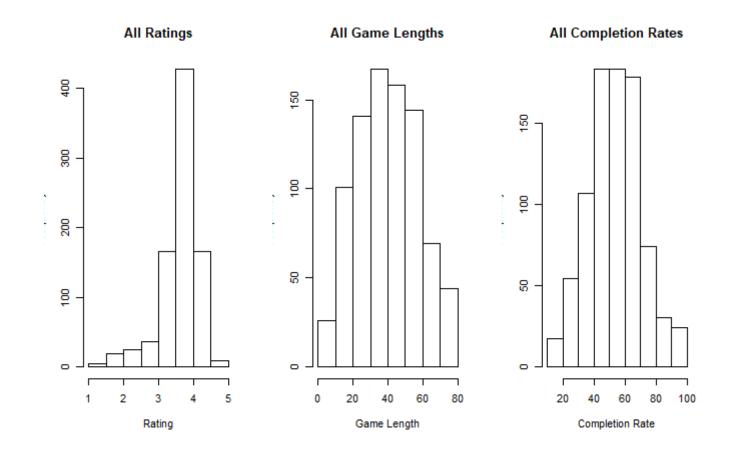
Continuing the project: a nutshell

- Scraped all the relevant game information from the DS RPG's, SNES RPG's, PS1/PSX RPG's and PS2 RPG's
- Removed all the RPG's that had at least 1 NA value in their data
- Made a few new variables for fun and possibly future reference: difficulty(numeric) and rating rate
- Did K-Means clustering to see which RPG's are worthwhile
- Made a Shiny App to help determine which RPG's you should try out depending on what you are looking for

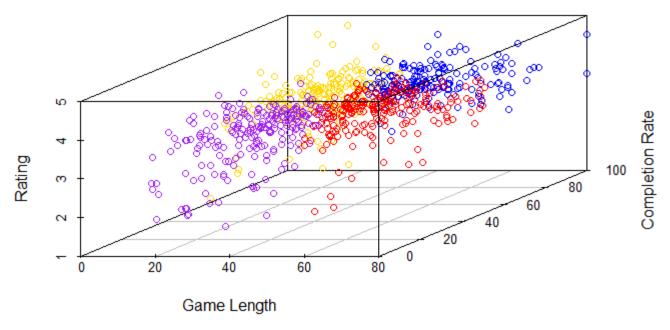
Exploring the data



Exploring the data some more



Trying K-Means



	game_title	system
1	7th Dragon 2020	PSP
2	7th Dragon 2020-II	PSP
3	Crisis Core: Final Fantasy VII	PSP
4	Danball Senki Boost	PSP
5	Eiyuu Densetsu: Ao no Kiseki	PSP
6	Eiyuu Densetsu: Sora no Kiseki Material Collection Portable	PSP
7	The Legend of Heroes: Trails in the Sky SC	PSP
8	Eiyuu Densetsu: Sora no Kiseki the 3rd	PSP
9	Eiyuu Densetsu: Zero no Kiseki	PSP
10	Frontier Gate Boost+	PSP
11	Kingdom Hearts: Birth by Sleep	PSP
12	Lost Heroes	PSP
13	Mana Khemia 2: Ochita Gakuen to Renkinjutsushi Tachi Portable+	PSP
14	Shining Blade	PSP
15	Tales of Destiny 2	PSP
16	UnchainBlades EXXiV	PSP
17	Fossil Fighters	DS
18	Brave Story	DS
19	Chrono Trigger	DS
20	Cid to Chocobo no Fushigi na Dungeon: Toki Wasure no Meikyuu +	DS
21	Digimon World: Dusk	DS
22	Digimon World: Dawn	DS
23	Dragon Quest IV: Chapters of the Chosen	DS
24	Dragon Quest Monsters 2: Joker 2 Professional	DS
25	Dragon Quest V: Hand of the Heavenly Bride	DS
26	Fushigi no Dungeon: Fuurai no Shiren 5 - Fortune Tower to Unmei no Dice	DS
27	Kurikin: Nano Island Story	DS
28	Mar Heaven: Karudea no Akuma	DS
29	Pokemon Black Version	DS
30	Pokemon Black Version 2	DS
31	Pokemon Diamond Version	DS
32	Pokemon Pearl Version	DS
33	Pokemon HeartGold Version	DS
34	Pokemon Platinum Version	DS
35	Pokemon SoulSilver Version	DS
36	Pokemon White Version	DS
37	Pokemon White Version 2	DS
38	Pokemon Mystery Dungeon: Blue Rescue Team	DS
39	Pokemon Mystery Dungeon: Explorers of Sky	DS
40	Pokemon Mystery Dungeon: Explorers of Time	DS
41	Pokemon Mystery Dungeon: Explorers of Darkness	DS
42	RPG Tsukuru DS+: Create the New World	DS

Shiny App

Criteria for the RPG's you want to play



game_title	system
Fate/Extra CCC	PSP
Mana Khemia 2: Ochita Gakuen to Renkinjutsushi Tachi Portable+	PSP
Tales of Eternia	PSP
Tales of Phantasia: Narikiri Dungeon X	PSP
Dragon Quest V: Hand of the Heavenly Bride	DS
Rune Factory 3: A Fantasy Harvest Moon	DS
Rudra no Hihou	SNES
Final Fantasy VI	PSX
Wild Arms	PSX
Ar tonelico II: Melody of Metafalica	PS2
Shin Megami Tensei: Digital Devil Saga	PS2
Shin Megami Tensei: Digital Devil Saga 2	PS2
Mana Khemia 2: Fall of Alchemy	PS2
Wild Arms Alter Code: F	PS2

Can be accessed at https://ripsilon.shinyapps.io/shiny_app/