

fml-811258364

2023-09-10

#part 1- importing the data #The source of the data set:<https://www.kaggle.com/datasets/sidtwr/videogames-sales-dataset> (<https://www.kaggle.com/datasets/sidtwr/videogames-sales-dataset>)

```
a<-read.csv("C:/Users/LENOVO/Downloads/PS4_GamesSales.csv")  
a
```

##	Game
## 1	Grand Theft Auto V
## 2	Call of Duty: Black Ops 3
## 3	Red Dead Redemption 2
## 4	Call of Duty: WWII
## 5	FIFA 18
## 6	FIFA 17
## 7	Uncharted (PS4)
## 8	Spider-Man (PS4)
## 9	Call of Duty: Infinite Warfare
## 10	Fallout 4
## 11	FIFA 16
## 12	Star Wars Battlefront 2015
## 13	Call of Duty: Advanced Warfare
## 14	Battlefield 1
## 15	The Last of Us
## 16	MineCraft
## 17	FIFA 15
## 18	God of War (PS4)
## 19	Horizon: Zero Dawn
## 20	Destiny
## 21	Uncharted: The Nathan Drake Collection
## 22	The Witcher 3: Wild Hunt
## 23	Final Fantasy XV
## 24	Crash Bandicoot N. Sane Trilogy
## 25	Monster Hunter: World
## 26	Overwatch
## 27	Star Wars Battlefront II (2017)
## 28	Tom Clancy's The Division
## 29	Tom Clancy's Rainbow Six: Siege
## 30	Watch Dogs
## 31	Call of Duty: Ghosts
## 32	Assassin's Creed: Unity
## 33	Destiny 2
## 34	Batman: Arkham Knight
## 35	Assassin's Creed Origins
## 36	Far Cry 4
## 37	NBA 2K16
## 38	Far Cry 5
## 39	Battlefield 4
## 40	Gran Turismo Sport
## 41	Assassin's Creed Syndicate
## 42	NBA 2K17
## 43	Mortal Kombat X
## 44	FIFA Soccer 14
## 45	The Elder Scrolls V: Skyrim
## 46	Watch Dogs 2
## 47	NBA 2K18
## 48	Resident Evil VII: Biohazard
## 49	Madden NFL 16
## 50	Madden NFL 17
## 51	Middle-Earth: Shadow of Mordor
## 52	Assassin's Creed IV: Black Flag
## 53	Tom Clancy's Ghost Recon Wildlands
## 54	Bloodborne

## 55	Metal Gear Solid V: The Phantom Pain
## 56	Killzone: Shadow Fall
## 57	inFAMOUS: Second Son
## 58	Doom (2016)
## 59	Mafia III
## 60	Diablo III
## 61	Far Cry: Primal
## 62	Need for Speed (2015)
## 63	Madden NFL 18
## 64	NBA 2K15
## 65	Dying Light
## 66	Dark Souls III
## 67	Ratchet & Clank (2016)
## 68	DriveClub
## 69	Uncharted: The Lost Legacy
## 70	Dragon Age III: Inquisition
## 71	No Man's Sky
## 72	Madden NFL 15
## 73	Need for Speed: Payback
## 74	Destiny: The Taken King
## 75	Need for Speed Rivals
## 76	PlayStation VR Worlds
## 77	Battlefield: Hardline
## 78	Rise of the Tomb Raider
## 79	LittleBigPlanet 3
## 80	The Elder Scrolls Online
## 81	Middle-Earth: Shadow of War
## 82	Dragon Quest XI
## 83	Rocket League
## 84	Just Cause 3
## 85	Dishonored 2
## 86	Lego Marvel Super Heroes
## 87	Until Dawn
## 88	Knack
## 89	The Evil Within
## 90	The Crew
## 91	Kingdom Hearts 1.5 + 2.5 Remix
## 92	For Honor
## 93	Titanfall 2
## 94	Injustice 2
## 95	NieR Automata
## 96	Tekken 7
## 97	Persona 5
## 98	The Order: 1886
## 99	Wolfenstein: The New Order
## 100	Detroit: Become Human
## 101	Naruto Shippuden: Ultimate Ninja Storm 4
## 102	NBA 2K14
## 103	Tomb Raider (2013)
## 104	Dragon Ball: Xenoverse 2
## 105	Rayman Legends
## 106	Mass Effect: Andromeda
## 107	Dragon Ball Fighter Z
## 108	South Park: The Fractured But Whole
## 109	The Sims 4
## 110	Street Fighter V

## 111	Wolfenstein II: The New Colossus
## 112	WWE 2K18
## 113	Lego Star Wars: The Force Awakens
## 114	EA Sports UFC 2
## 115	The Last Guardian
## 116	WWE 2K16
## 117	Borderlands: The Handsome Collection
## 118	Project CARS
## 119	WWE 2K17
## 120	Guitar Hero Live
## 121	Metal Gear Solid: Ground Zeroes
## 122	Mad Max (2013)
## 123	Shadow of the Colossus
## 124	Kingdom Hearts HD 2.8 Final Chapter Prologue
## 125	Dragon Ball: XenoVerse
## 126	LEGO Dimensions
## 127	LEGO Jurassic World
## 128	WWE 2K15
## 129	MLB The Show 17
## 130	LEGO Worlds
## 131	The Elder Scrolls V: Skyrim PSVR
## 132	LEGO Marvel Super Heroes 2
## 133	EA Sports UFC
## 134	Final Fantasy XII: The Zodiac Age
## 135	Alien: Isolation
## 136	MLB The Show 18
## 137	The Evil Within II
## 138	Prey (2017)
## 139	Final Fantasy Type-0
## 140	Ni-Oh
## 141	MLB 15: The Show
## 142	Steep
## 143	LEGO Marvel's Avengers
## 144	Evolve
## 145	Injustice: Gods Among Us
## 146	EA Sports UFC 3
## 147	Madden NFL 25
## 148	MLB 16: The Show
## 149	Lego Batman 3: Beyond Gotham
## 150	Final Fantasy X/X-2 HD Remaster
## 151	Ni no Kuni II: Revenant Kingdom
## 152	God of War III
## 153	Fortnite
## 154	LEGO Harry Potter Collection
## 155	Minecraft: Story Mode
## 156	BioShock The Collection
## 157	Thief 4
## 158	Until Dawn: Rush of Blood
## 159	Disney Infinity 3.0
## 160	Farming Simulator 17
## 161	The Crew 2
## 162	Pro Evolution Soccer 2016
## 163	ARK: Survival Evolved
## 164	Dragon Quest Heroes: The World's Tree Woe and the Blight Below
## 165	Assassin's Creed The Ezio Collection
## 166	Final Fantasy XIV: A Realm Reborn

## 167	Destiny: The Collection
## 168	F1 2016 (Codemasters)
## 169	Hitman (2016)
## 170	Pro Evolution Soccer 2015
## 171	LEGO City Undercover
## 172	Pro Evolution Soccer 2018
## 173	Disney Infinity 2.0: Marvel Super Heroes
## 174	Pro Evolution Soccer 2017
## 175	Sniper Elite 3
## 176	MLB 14 The Show
## 177	WipEout Omega Collection
## 178	Deus Ex: Mankind Divided
## 179	The LEGO Movie Videogame
## 180	Marvel vs. Capcom: Infinite
## 181	Dark Souls II
## 182	Yakuza 6
## 183	F1 2015
## 184	METRO 2033
## 185	Rocksmith 2014
## 186	NHL 16
## 187	Plants vs Zombies: Garden Warfare
## 188	Tales of Berseria
## 189	Yakuza Zero: The Place of Oath
## 190	One Piece: Burning Blood
## 191	Batman: Return to Arkham
## 192	Plants vs. Zombies: Garden Warfare 2
## 193	LEGO The Hobbit
## 194	World of Final Fantasy
## 195	F1 2017
## 196	NHL 15
## 197	Knowledge is Power
## 198	L.A. Noire
## 199	Hidden Agenda
## 200	Call of Duty: Modern Warfare Remastered
## 201	Dragon Quest Builders: Revive Alefgard
## 202	The Lego Ninjago Movie Videogame
## 203	Resident Evil: Revelations 2
## 204	Rock Band 4
## 205	NHL 18
## 206	Everybody's Golf
## 207	The Amazing Spider-Man 2 (2014)
## 208	DOOM VFR
## 209	Sonic Forces
## 210	Kingdom Come: Deliverance
## 211	Lords of the Fallen
## 212	Sniper Elite 4
## 213	Rory McIlroy PGA Tour
## 214	Project CARS 2
## 215	Skylanders: Trap Team
## 216	NHL 17
## 217	One Piece: Pirate Warriors 3
## 218	DiRT Rally
## 219	Homefront: The Revolution
## 220	Attack on Titan (KOEI)
## 221	DiRT 4
## 222	Farpoint

## 223	Battleborn
## 224	A Way Out
## 225	Friday the 13th: The Game
## 226	The Walking Dead: A Telltale Games Series
## 227	Wolfenstein: The Old Blood
## 228	Deadpool
## 229	Dragon Quest Heroes II: Twin Kings and the Prophecy's End
## 230	TrackMania Turbo
## 231	Knack 2
## 232	Just Dance 2014
## 233	Dissidia Final Fantasy NT
## 234	Skylanders: SuperChargers
## 235	Yakuza Kiwami
## 236	Tales of Zestiria
## 237	Star Ocean 5: Integrity and Faithlessness
## 238	Sleeping Dogs
## 239	Skylanders SWAP Force
## 240	Skylanders Imaginators
## 241	Trials Fusion
## 242	Saints Row IV
## 243	Dishonored
## 244	Mirror's Edge 2
## 245	Farming Simulator 2015
## 246	Just Dance 2015
## 247	Sword Art Online: Hollow Realization
## 248	Just Dance 2016
## 249	Batman: Arkham VR
## 250	Little Nightmares
## 251	Tropico 5
## 252	Life is Strange
## 253	Resident Evil Zero
## 254	Yakuza Kiwami 2
## 255	Vampyr
## 256	Okami
## 257	Sniper: Ghost Warrior 3
## 258	Hokuto ga Gotoku
## 259	Sword Art Online: Lost Song
## 260	Disgaea 5: Alliance of Vengeance
## 261	Dead or Alive 5
## 262	Gravity Rush 2
## 263	Odin Sphere: Leifthrasir
## 264	Divinity: Original Sin
## 265	The King of Fighters XIV
## 266	Dishonored: Death of the Outsider
## 267	Valkyria Chronicles
## 268	Murdered: Soul Suspect
## 269	Payday 2
## 270	UEFA Euro 2016
## 271	DmC: Devil May Cry
## 272	Sonic Mania
## 273	J Stars Victory Vs.
## 274	XCOM 2
## 275	Dynasty Warriors 8: Xtreme Legends
## 276	Cities: Skylines
## 277	Saint Seiya: Soldiers' Soul
## 278	Just Dance 2018

## 279	The Walking Dead: Season Two
## 280	Sword Art Online: Fatal Bullet
## 281	Naruto to Boruto: Shinobi Striker
## 282	Yooka-Laylee
## 283	Cars 3: Driven to Win
## 284	Metal Gear Solid V: The Definitive Experience
## 285	Sherlock Holmes: Crimes & Punishments
## 286	Star Trek Bridge Crew VR
## 287	The Heavy Rain and Beyond: Two Souls Collection
## 288	Spintires: MudRunner
## 289	Onechanbara Z2: Chaos
## 290	Secret of Mana
## 291	Gundam Versus
## 292	NBA Live 14
## 293	Bravo Team VR
## 294	Killing Floor 2\xca
## 295	Robinson: The Journey
## 296	DriveClub VR
## 297	Fate/Extella: The Umbral Star
## 298	Ultimate Marvel vs. Capcom 3
## 299	New Danganronpa V3: Minna no Koroshiai Shin Gakki
## 300	Samurai Warriors 4
## 301	Darksiders III
## 302	NBA Live 15
## 303	NBA Live 18
## 304	Tearaway Unfolded
## 305	.hack//G.U. Last Recode
## 306	Ride
## 307	Just Dance 2017
## 308	The Escapists 2
## 309	Transformers: Devastation
## 310	Darksiders II
## 311	Jikkyou Powerful Pro Baseball 2016
## 312	The Elder Scrolls Online: Morrowind
## 313	Digimon World: Next Order
## 314	theHunter: Call of the Wild
## 315	Tony Hawk's Pro Skater 5
## 316	Angry Birds: Star Wars
## 317	Elex
## 318	RIGS: Mechanized Combat League
## 319	Transformer: Rise of the Dark Spark
## 320	Dead Island Definitive Collection
## 321	Metal Gear Survive
## 322	Singstar Celebration
## 323	Dead by Daylight
## 324	Attack on Titan 2
## 325	The Wolf Among Us
## 326	Micro Machines: World Series
## 327	Bladestorm: Nightmare
## 328	Zombie Army Trilogy
## 329	Outlast Trinity
## 330	EVE: Valkyrie
## 331	Senran Kagura: Peach Beach Splash
## 332	Ys VIII: Lacrimosa of Dana
## 333	Bound By Flame
## 334	NBA Live 16

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## 335 7 Days to Die
## 336 Dynasty Warriors 8: Empires
## 337 Dragon's Dogma
## 338 Godzilla (2015)
## 339 Eagle Flight
## 340 Agents of Mayhem
## 341 MotoGP 14\xca
## 342 Elite: Dangerous
## 343 Singstar: Ultimate Party
## 344 Toukiden Kiwami
## 345 Batman: A Telltale Game Series
## 346 The Surge
## 347 MotoGP 15
## 348 Resident Evil: Revelations
## 349 Senran Kagura: Estival Versus
## 350 Back to the Future: The Game
## 351 The Walking Dead - The Telltale Series: A New Frontier
## 352 Resident Evil 6
## 353 Final Fantasy XIV: Heavensward
## 354 Final Fantasy XIV: Stormblood
## 355 Guilty Gear Xrd: Sign
## 356 Prototype: Biohazard Bundle
## 357 BlazBlue Central Fiction
## 358 MXGP 3: The Official Motocross Videogame
## 359 Ride 2
## 360 Dead Rising 4
## 361 Putty Squad
## 362 Digimon Story: Cyber Sleuth - Hacker's Memory
## 363 Battlezone
## 364 Naruto Shippuden: Ultimate Ninja Storm Legacy
## 365 Berserk and the Band of the Hawk
## 366 BlazBlue: Chrono Phantasma Extend
## 367 Pillars of Eternity
## 368 Valkyria: Azure Revolution
## 369 Gravity Rush Remastered
## 370 Psycho-Pass: Mandatory Happiness
## 371 Brothers: A Tale of Two Sons
## 372 Warriors Orochi 3
## 373 Wasteland 2
## 374 Atelier Sophie: The Alchemist of the Mysterious Book
## 375 NASCAR Heat Evolution
## 376 Yakuza: Ishin
## 377 Toukiden 2
## 378 Song of the Deep
## 379 Super Robot Wars V
## 380 Blue Reflection: Maboroshi ni Mau - Shoujo no Ken
## 381 Yonmegami Online: Cyber Dimension Neptune
## 382 Grand Kingdom
## 383 Arslan: The Warriors of Legend
## 384 Pro Cycling Manager 2016
## 385 Shovel Knight
## 386 Adventure Time: Finn & Jake Investigations
## 387 Guilty Gear Xrd -Revelator-
## 388 We Happy Few
## 389 Rocksmith 2014 Edition Remastered
## 390 The Crew: Wild Run

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## 391	MXGP 2
## 392	MotoGP 17
## 393	Fairy Fencer F: Advent Dark Force
## 394	Samurai Warriors 4-II
## 395	The Golf Club
## 396	Hatsune Miku: Project Diva X
## 397	NASCAR Heat 2
## 398	Bulletstorm: Full Clip Edition
## 399	Valentino Rossi: The Game
## 400	Golf Club 2
## 401	Akiba's Trip 2
## 402	Rugby 15
## 403	Utawarerumono: Futari no Hakuoro
## 404	The Legend of Heroes: Trails of Cold Steel III
## 405	Utawarerumono: Itsuwari no Kamen
## 406	The Inpatient
## 407	Don Bradman Cricket 14
## 408	Sword Art Online: Hollow Fragment
## 409	Teenage Mutant Ninja Turtles: Mutants in Manhattan
## 410	Job Simulator
## 411	Portal Knights
## 412	Samurai Warriors 4: Empires
## 413	Danganronpa 1o2 Reload
## 414	God Eater 2: Rage Burst
## 415	America's Greatest Game Shows: Wheel of Fortune & Jeopardy!
## 416	Marvel's Guardians of the Galaxy: The Telltale Series
## 417	Digimon Story: Cyber Sleuth
## 418	Constructor HD
## 419	Minecraft: Story Mode - Season Two
## 420	Darksiders: Warmastered Edition
## 421	Mighty No. 9
## 422	The Invisible Hours
## 423	Monster Energy Supercross - The Official Videogame
## 424	The Idolmaster: Platinum Stars
## 425	The Witch and the Hundred Knight
## 426	SD Gundam G Generation Genesis
## 427	Rime
## 428	Super Robot Wars OG: The Moon Dwellers
## 429	Gundam Breaker 3
## 430	Earth Defense Force 2025.1: The Shadow of New Despair
## 431	Shadow Warrior (2013)
## 432	Assassin's Creed Chronicles
## 433	Mega Man Legacy Collection
## 434	Pac-Man Championship Edition 2 + Arcade Game Series
## 435	Tokyo Xanadu eX+
## 436	Stardew Valley
## 437	Romance of the Three Kingdoms 13
## 438	Musou Stars
## 439	Mega Man Legacy Collection 2
## 440	Final Fantasy XIV Online Complete Edition
## 441	Devil May Cry 4
## 442	Puyo Puyo Tetris
## 443	Natural Doctrine
## 444	Sudden Strike 4
## 445	Accel World vs. Sword Art Online: Millennium Twilight
## 446	Wolfenstein The Two Pack

## 447	Guilty Gear Xrd REV 2
## 448	Ultra Street Fighter IV
## 449	Let's Sing 2016
## 450	Resident Evil 4 HD
## 451	Nights of Azure 2
## 452	The Technomancer
## 453	Nights of Azure
## 454	Taiko no Tatsujin: Drum Session!
## 455	Nobunaga's Ambition: Sphere of Influence - Sengoku Risshiden
## 456	Grand Ages: Medieval
## 457	Rugby League Live 4
## 458	Toy Soldiers: War Chest
## 459	God Eater Resurrection
## 460	Paragon
## 461	Summon Night 6: Lost Borders
## 462	Black Rose Valkyrie
## 463	Duke Nukem 3D: 20th Anniversary World Tour
## 464	ATV Drift & Tricks
## 465	Yoru no Nai Kuni
## 466	Lara Croft and the Temple of Osiris
## 467	Dragon's Dogma Online
## 468	Ghostbusters (2016)
## 469	Agatha Christie's The ABC Murders
## 470	Shantae: Half-Genie Hero
## 471	Earth Defense Force 4.1: The Shadow of New Despair
## 472	The Sexy Brutale
## 473	Legend of Kay
## 474	Hasbro Family Fun Pack Conquest Edition
## 475	Loading Human
## 476	Rapala Fishing Pro Series
## 477	Atelier Firis: The Alchemist of the Mysterious Journey
## 478	Dead Rising
## 479	Assetto Corsa
## 480	Akiba's Beat
## 481	WRC 6
## 482	God Wars: Future Past
## 483	Resident Evil 5 HD
## 484	The Witch and the Hundred Knights 2
## 485	Samurai Warriors: Sanada Maru
## 486	Project Setsuna
## 487	Has-Been Heroes
## 488	Fortune Street: Dragon Quest & Final Fantasy 30th Anniversary
## 489	Styx: Shards of Darknes
## 490	Dead Rising 2
## 491	The Book of Unwritten Tales 2
## 492	Touhou Genso Rondo: Bullet Ballet
## 493	The Walking Dead: A Telltale Series Collection
## 494	The Silver Case
## 495	Hunting Simulator
## 496	WRC 7
## 497	Kamen Rider: Battride War Genesis
## 498	Le Tour de France 2017
## 499	City Shrouded in Shadow
## 500	SG/ZH: School Girl/Zombie Hunter
## 501	Broken Sword 5: The Serpent's Curse
## 502	Terraria

## 503	Warhammer: The End Times - Vermintide
## 504	Batman: The Enemy Within
## 505	Atari Flashback Classics: Volume 1
## 506	Legend of Kay Anniversary
## 507	Steins;Gate 0
## 508	ZombiU
## 509	Risen 3: Titan Lords
## 510	Mark McMorris Infinite Air
## 511	Dead or Alive Xtreme 3: Fortune
## 512	Birthdays the Beginning
## 513	Rugby 18
## 514	The Binding of Isaac
## 515	Sherlock Holmes: The Devil's Daughter
## 516	Atelier Liddy and Soeur: Alchemists of the Mysterious Painting
## 517	MX vs. ATV Supercross Encore
## 518	MX vs ATV Supercross Encore 2017 Track Edition
## 519	Sword Art Online: Game Director's Edition
## 520	Deformers
## 521	Nobunaga no Yabou: Souzou
## 522	Dragon Quest X: All in One Package
## 523	Yomawari: Midnight Shadows
## 524	Game of Thrones (Telltale)
## 525	Atari Flashback Classics: Volume 2
## 526	Outcast: Second Contact
## 527	Cartoon Network Battle Crashers
## 528	Handball 16
## 529	Extinction
## 530	Rugby World Cup 2015
## 531	Exist Archive: The Other Side of the Sky
## 532	King's Quest: The Complete Collection
## 533	Sine Mora
## 534	Aven Colony
## 535	Battle Chasers: Nightwar
## 536	WRC 5: FIA World Rally Championship
## 537	Black Mirror
## 538	Touhou Genso Wanderer
## 539	Arcania: Gothic 4
## 540	Starblood Arena VR
## 541	Hellblade
## 542	Bubsy: The Woolies Strike Back
## 543	Nitroplus Blasterz: Heroines Infinite Duel
## 544	Nobunaga's Ambition: Creation
## 545	Child of Light
## 546	Phantasy Star Online 2 Episode 4: Deluxe Package
## 547	Saints Row: Gat out of Hell
## 548	Werewolves Within
## 549	Demon Gaze 2
## 550	Real Farm
## 551	Worms: WMD
## 552	Syberia III
## 553	Sengoku Basara: Sanada Yukimura-Den
## 554	Sengoku Basara 4: Sumeragi
## 555	Sébastien Loeb Rally Evo
## 556	Don't Starve
## 557	Monster Jam: Crush It
## 558	Prison Architect

## 559	Assault Suit Leynos
## 560	Tokyo Twilight Ghost Hunters Daybreak: Special Gigs
## 561	Overcooked
## 562	Ben 10 (2017)
## 563	Dead Alliance
## 564	Deer Hunter Reloaded
## 565	That's You
## 566	Raid: World War II
## 567	Hyperdimension Neptunia Victory II
## 568	Zero Escape The Nonary Games
## 569	Rugby Challenge 3
## 570	Vikings: Wolves of Midgard
## 571	INSIDE / LIMBO Double Pack
## 572	The Talos Principle
## 573	Megadimension Neptunia VIIR
## 574	R.B.I. Baseball 2016
## 575	Pure Farming 2018
## 576	Air Conflicts: Secret Wars
## 577	Anima - Gate of Memories
## 578	Axiom Verge
## 579	Unbox: Newbie's Adventure
## 580	Here They Lie
## 581	Under Night In-Birth Exe:Latest
## 582	Aragami
## 583	Yonder: The Cloud Catcher Chronicles
## 584	Assassin's Creed Chronicles: China
## 585	JoJo's Bizarre Adventure: Eyes of Heaven
## 586	Dungeons 3
## 587	Tour de France 2014
## 588	Danganronpa Another Episode: Ultra Despair Girls
## 589	Aegis of Earth: Protonovus Assault
## 590	Just Sing
## 591	Wonder Boy: The Dragon's Trap (Remake)
## 592	Lumo
## 593	ABZU
## 594	Shadow Tactics: Blades of the Shogun
## 595	Darkest Dungeon
## 596	R.B.I. Baseball 2017
## 597	Punch Line
## 598	VR Karts
## 599	Resident Evil: Umbrella Corps
## 600	Marvel Pinball: Epic Collection Volume 1
## 601	God Eater Off Shot: Lindow-hen Twin Pack & Animation Vol. 2
## 602	Infamous: First Light
## 603	Raiden V
## 604	The Peanuts Movie: Snoopy's Grand Adventure
## 605	The Dwarves
## 606	Dynasty Warriors: Eiketsuden
## 607	Winning Post 8 2016
## 608	Dragon's Dogma Online: Season 2
## 609	Coven and Labyrinth of Refrain
## 610	Super Dungeon Bros
## 611	Blade Arcus from Shining EX
## 612	Troll and I
## 613	The Pillars of the Earth
## 614	The Lost Child

615 Romance of the Three Kingdoms 13 with Power-Up Kit
616 Koihime Enbu
617 Road Rage
618 Winning Post 8 2017
619 Dino Dini's Kick Off Revival
620 God Eater Off Shot:Shiou-hen Twin Pack & Animation Vol.5
621 Tumblestone
622 Blackguards 2
623 Baja: Edge of Control HD
624 Crows: Burning Edge
625 Geometry Wars 3: Dimensions Evolved
626 We Sing (2016)
627 Shin Hayarigami 2
628 The Town of Light
629 OlliOlli: Epic Combo Edition
630 Naruto Shippuden Ultimate Ninja Storm 4: Road to Boruto
631 This War of Mine
632 Ao no Kanata no Four Rhythm
633 Zero Escape: Zero Time Dilemma
634 AereA
635 Root Letter
636 ClaDun Sengoku
637 The Girl and the Robot
638 Omega Quintet
639 Touhou Kobuto V: Burst Battle
640 God Eater Off Shot: Soma Shikkuzaru-hen Twin Pack & Animation Vol.4
641 Rugby League Live 3
642 Omega Labyrinth Z
643 Lost Sphear
644 Superbeat: Xonic
645 Republique
646 Super Stardust Ultra VR
647 Redout
648 Resident Evil: Value Pack
649 God Eater Off Shot: Tachibana Sakuya-hen Twin Pack & Animation Vol.7
650 PaRappa the Rapper Remastered
651 Earth's Dawn
652 Big Buck Hunter Arcade
653 Dungeons 2
654 Tricky Towers
655 No Heroes Allowed! VR
656 ArmaGallant: Decks of Destiny
657 Carmageddon: Max Damage
658 Armello
659 Shaq-Fu: A Legend Reborn
660 Patapon Remastered
661 Monster Hunter Frontier Z: Beginner's Package
662 Professional Farmer 2016
663 Natsuiro High School: Seishun Hakusho
664 The Inner World: The Last Wind Monk
665 SteamWorld Collection
666 Konoyo no Hate de Koi o Utau Shoujo: Yu-No
667 God Eater Off Shot: Fujiki Kota-hen Twin Pack & Animation Vol.6
668 Genkai Tokki: Castle Panzers
669 Skullgirls: 2nd Encore
670 This Is The Police

671 Rabbids Invasion: The Interactive TV Show
672 FlatOut 4: Total Insanity
673 Chaos;Child
674 Touhou Shinhiroku: Urban Legend in Limbo
675 Rogue Trooper: Redux
676 Space Hulk: Deathwing
677 Pharaonic
678 White Day
679 Torment: Tides of Numenera
680 Let It Die
681 Summer Lesson: Miyamoto Hikari Collection
682 Raven's Cry
683 New Game! The Challenge Stage!
684 Hakoniwa Company Works
685 DJ Max Respect
686 Battle Worlds: Kronos
687 Dragon's Dogma Online: Season 3
688 Occultic;Nine
689 Kono Subarashii Sekai ni Shukufuku o! Kono Yokubukai Game ni Shinpan o!
690 Battle Garegga Rev.2016
691 Yahari Game Demo Ore no Seishun Love-Kome wa Machigatteiru. & Zoku: Oatome Set
692 Farming 2017 - The Simulation
693 Re:Zero - Kara Hajimeru Isekai Seikatsu - Death or Kiss
694 Zombie Vikings
695 ATV Renegades
696 Ziggurat
697 Chaos;Child: Love Chu Chu!!
698 Moto Racer 4
699 LocoRoco Remastered
700 Lock's Quest
701 Gal Gun: Double Peace
702 Woodcutter Simulator 2016
703 Akiba's Trip 2+A
704 Date-A-Live Twin Edition: Rio Reincarnation
705 Valhalla Hills
706 Deception IV: Blood Ties
707 One Piece: Unlimited World Red
708 Hyper Light Drifter
709 Teslagrad
710 Darius Burst: Chronicle Saviours
711 The Escapists: The Walking Dead
712 Super Meat Boy
713 Blood Bowl 2
714 The Witness
715 Quantic Dream Collection
716 Iwaihime: Matsuri
717 RepKiss
718 War Thunder
719 Tsuihou Senkyo
720 Hustle Kings VR
721 Toki Tori 2+
722 Deception IV: The Nightmare Princess
723 Kingdom Hearts HD I.5 + II.5 ReMIX
724 Fushigi no Chronicle: Furikaerimasen Katsu Madewa
725 A Boy and His Blob
726 Agatha Christie: The ABC Murders

## 727	Ancients of Ooga - The Forgotten Chapters
## 728	Another World
## 729	Ape Escape 2
## 730	Bee Tap Extreme
## 731	Blacklight: Retribution
## 732	Bladestorm: The Hundred Years' War
## 733	Brothers in Arms: Furious 4
## 734	Cel Damage
## 735	Woolfe: The Red Hood Diaries
## 736	Dark Cloud 2
## 737	DC Universe Online
## 738	Fez
## 739	Guardian Knight
## 740	Heavy Rain
## 741	Industry Giant II
## 742	King's Quest I: Quest for the Crown (VGA Version)
## 743	Kingdom Under Fire II
## 744	Ladybug Puzzle
## 745	Maniac Mansion: Day of the Tentacle
## 746	Metal Slug 3
## 747	Mount & Blade: Warband
## 748	Pier Solar and the Great Architects
## 749	Piggy Adventure
## 750	PlanetSide 2
## 751	Psychonauts
## 752	Resident Evil 5
## 753	Sound Shapes
## 754	Star Ocean: Till The End of Time
## 755	Super Motherload
## 756	The Amazing Spider-Man 2
## 757	The King of Fighters 2000
## 758	Rack N Ruin
## 759	Ether One
## 760	Uncharted 2: Among Thieves
## 761	Uncharted 3: Drake's Deception
## 762	Uncharted Waters Online: Gran Atlas
## 763	Uncharted: Drake's Fortune
## 764	Werewolves vs Vampires
## 765	Awesomenauts
## 766	Dust: An Elysian Tail
## 767	Skullgirls
## 768	flower
## 769	Gran Turismo HD Concept
## 770	PixelJunk Shooter
## 771	PixelJunk Shooter 2
## 772	Rainbow Moon
## 773	Dear Esther
## 774	Oddworld: Abe's Oddysee New N' Tasty!
## 775	Broken Age
## 776	Apotheon
## 777	Two Brothers
## 778	Slender: The Arrival
## 779	deep down (Working Title)
## 780	Hotline Miami
## 781	The Unfinished Swan
## 782	Human Element

## 783	Whore of the Orient
## 784	Cyberpunk 2077
## 785	Final Fantasy (PS4)
## 786	Transistor
## 787	The Swapper
## 788	Outlast
## 789	Contrast
## 790	Guacamelee!
## 791	Carmageddon: Reincarnation
## 792	Rocketbirds 2: Evolution
## 793	Primal Carnage: Genesis
## 794	Doki-Doki Universe
## 795	Hohokum
## 796	CounterSpy
## 797	War Thunder
## 798	Warframe
## 799	The Banner Saga
## 800	BADLAND
## 801	Sparkle 2
## 802	Daylight
## 803	Peggle 2
## 804	Kingdom Hearts III
## 805	Mercenary Kings
## 806	Secret Ponchos
## 807	Octodad: Dadliest Catch
## 808	Galak-Z
## 809	Ray's the Dead
## 810	Yaiba: Ninja Gaiden Z
## 811	KickBeat
## 812	Tiny Brains
## 813	Stick It to the Man
## 814	Aban Hawkins & the 1001 Spikes
## 815	Home - a Unique Horror Adventure
## 816	Soul Saga
## 817	Pinball Arcade
## 818	Toukiden: The Age of Demons
## 819	Reus
## 820	Strider (2014)
## 821	Rogue Legacy
## 822	EverQuest Next
## 823	Project Phoenix
## 824	Defense Grid 2
## 825	Drifter: A Space Trading Game
## 826	Volume
## 827	Hellraid
## 828	SteamWorld Dig: A Fistful of Dirt
## 829	Armikrog
## 830	Chasm
## 831	XING: The Land Beyond
## 832	There Came an Echo
## 833	Strike Suit Zero
## 834	Basement Crawl
## 835	Velocity 2X
## 836	Helldivers
## 837	RESOGUN
## 838	Everybody's Gone to the Rapture

## 839	Murasaki Baby
## 840	Hotline Miami 2: Wrong Number
## 841	Shadow of the Beast (PS4)
## 842	WonderFlick
## 843	Monochroma
## 844	H-Hour: World's Elite
## 845	SPORTSFRIENDS
## 846	Unmechanical
## 847	Divekick
## 848	Lily Bergamo
## 849	Valiant Hearts: The Great War
## 850	OlliOlli
## 851	Switch Galaxy Ultra
## 852	Anomaly 2
## 853	Legend of Raven
## 854	Stealth Inc.
## 855	Night in the Woods
## 856	Tales from the Borderlands
## 857	Kodoku
## 858	Get Even
## 859	Ready to Run
## 860	Worms Battlegrounds
## 861	Assassin's Creed Freedom Cry
## 862	Dungeon Defenders II
## 863	Razor Global Domination Pro Tour\xca
## 864	Pavilion
## 865	forma.8
## 866	TowerFall
## 867	Gone Home\xca
## 868	Costume Quest 2
## 869	Pure Chess
## 870	Aztez
## 871	Not a Hero
## 872	SOMA (2015)
## 873	Cult County
## 874	Adr1ft
## 875	R.B.I. Baseball 14
## 876	Citizens of Earth
## 877	H1Z1
## 878	Blue Estate\xca
## 879	Road Not Taken
## 880	Source
## 881	Backgammon Blitz
## 882	Hitman GO
## 883	MechRunner
## 884	The Chainsaw Incident
## 885	Chariot
## 886	Nidhogg
## 887	Ironclad Tactics
## 888	MouseCraft
## 889	Starwhal: Just the Tip
## 890	Crimsonland
## 891	VizionEck
## 892	Pure Pool\xca
## 893	Without Memory
## 894	Firewatch

## 895	Never Alone
## 896	The Last Tinker: City of Colors
## 897	Bombshell
## 898	Red Goddess
## 899	The Forest
## 900	Fenix Rage
## 901	EarthNight
## 902	One Way Trip
## 903	Shiness: The Lightning Kingdom
## 904	Aaru's Awakening
## 905	Falling Skies: The Game\xca
## 906	Onigiri
## 907	Loadout
## 908	Entwined
## 909	EA Sports PGA Tour
## 910	Dead Island 2
## 911	Magicka 2
## 912	Broforce
## 913	Inside
## 914	Blast 'Em Bunnies
## 915	Woah Dave!
## 916	The Assembly
## 917	Tetris Ultimate\xca
## 918	Afro Samurai 2
## 919	The Legend of Korra (2014)
## 920	The Vanishing of Ethan Carter\xca
## 921	Godzilla (2014)
## 922	Gran Turismo 7
## 923	Rollers of the Realm
## 924	Q*bert: Rebooted
## 925	AirMech Arena
## 926	The Walking Dead: Season Three
## 927	Toren
## 928	Pneuma: Breath of Life
## 929	#killallzombies
## 930	The Escapists
## 931	The Tomorrow Children
## 932	Hollowpoint
## 933	In Space We Brawl
## 934	Wild
## 935	Alienation
## 936	Ubusuna
## 937	PIX the CAT
## 938	Game 4
## 939	Titan Souls
## 940	OniKira: Demon Killer
## 941	Moon Hunters
## 942	Salt and Sanctuary
## 943	Alone With You
## 944	Tadeo Jones y el manuscrito perdido
## 945	Invokers Tournament
## 946	OlliOlli 2: Welcome to Olliwood
## 947	Pathologic
## 948	Soma
## 949	Rebel Galaxy
## 950	I Am Bread

## 951	Geometry Wars 3: Dimensions
## 952	Primal Carnage: Extinction
## 953	Assassin's Creed: Victory
## 954	Silent Hills
## 955	The Banner Saga 2
## 956	Enter the Gungeon
## 957	What Remains of Edith Finch
## 958	Wattam
## 959	Fat Princess Adventures
## 960	Skytorn
## 961	Kill Strain
## 962	Drawn to Death
## 963	Grow Home
## 964	Apotheon
## 965	Hunger
## 966	Magic Duels: Origin
## 967	Shiftlings
## 968	Oceanhorn: Monster of Uncharted Seas
## 969	Beyond Eyes
## 970	Inside My Radio
## 971	Tembo the Badass Elephant
## 972	Assassin's Creed Chronicles: Russia
## 973	Assassin's Creed Chronicles: India
## 974	Overlord: Fellowship of Evil
## 975	R.B.I. Baseball 15
## 976	Krinkle Krusher
## 977	Wander
## 978	Trans-Galactic Tournament
## 979	The Walking Dead: Michonne
## 980	Unravel
## 981	Tachyon Project
## 982	Final Fantasy VII Remake
## 983	Ikenie to Yuki no Setsuna
## 984	Atelier Sophie
## 985	Dengeki Bunko: Fighting Climax Ignition
## 986	World Soccer Winning Eleven 2015
## 987	Muse: Together Is the New Alone
## 988	Cross Reverie
## 989	Airship Q
## 990	Killing Bites
## 991	Hatsune Miku: Project Diva Future Tone
## 992	Tiny Troopers Joint Ops
## 993	The London Heist
## 994	Risen 3 Enhanced Edition
## 995	Air Conflicts: Pacific Carriers
## 996	God Wars: Beyond Time
## 997	Hasbro Family Fun Pack
## 998	Professional Lumberjack 2016
## 999	Alekhine's Gun
## 1000	Kung Fu Panda: Showdown of Legendary Legends
## 1001	Read Only Memories
## 1002	Shakedown Hawaii
## 1003	Fallen Legion
## 1004	Amplitude (2016)
## 1005	Bloodborne: Complete Edition
## 1006	Hardware: Rivals

## 1007			Jikkyou Powerful Pro Baseball Success Special	
## 1008			Qurare: Magic Library	
## 1009			World to the West	
## 1010			The Binding of Isaac: Rebirth	
## 1011			De-formers	
## 1012			Rock of Ages II: Bigger and Boulder	
## 1013			Fe	
## 1014			Days Gone	
## 1015			Berserk Musou	
## 1016			Ginger: Beyond the Crystal	
## 1017			The Last of Us: Part II	
## 1018			Don Bradman Cricket 17	
## 1019			Ace Combat 7: Skies Unknown	
## 1020			Sakuna: Of Rice and Ruin	
## 1021			Metro Exodus	
## 1022			Anthem	
## 1023			Moons Of Madness	
## 1024			Iron Harvest	
## 1025			Biomutant	
## 1026			Biomutant	
## 1027			de Blob	
## 1028			Chaos on Deponia	
## 1029			Code Vein	
## 1030			Fallen Legion: Flames of Rebellion	
## 1031			Radial G Racing Revolved	
## 1032			The Mummy Demastered	
## 1033			Project Nimbus: Code Mirai	
## 1034			Battle Chef Brigade	
##	Year	Genre	Publisher	North.America
## 1	2014	Action	Rockstar Games	6.06
## 2	2015	Shooter	Activision	6.18
## 3	2018	Action-Adventure	Rockstar Games	5.26
## 4	2017	Shooter	Activision	4.67
## 5	2017	Sports	EA Sports	1.27
## 6	2016	Sports	Electronic Arts	1.26
## 7	2016	Action	Sony Interactive Entertainment	4.49
## 8	2018	Action-Adventure	Sony Interactive Entertainment	3.64
## 9	2016	Shooter	Activision	3.11
## 10	2015	Role-Playing	Bethesda Softworks	2.91
## 11	2015	Sports	EA Sports	1.15
## 12	2015	Shooter	Electronic Arts	3.31
## 13	2014	Shooter	Activision	2.84
## 14	2016	Shooter	Electronic Arts	2.20
## 15	2014	Action-Adventure	Sony Computer Entertainment	2.70
## 16	2014	Misc	Sony Computer Entertainment	1.89
## 17	2014	Sports	EA Sports	0.83
## 18	2018	Action	Sony Interactive Entertainment	2.83
## 19	2017	Action	Sony Interactive Entertainment	2.20
## 20	2014	Shooter	Activision	2.53
## 21	2015	Action	Sony Computer Entertainment	2.55
## 22	2015	Role-Playing	Namco Bandai Games	1.48
## 23	2016	Role-Playing	Square Enix	1.81
## 24	2017	Platform	Activision	1.09
## 25	2018	Action	Capcom	1.03
## 26	2016	Shooter	Blizzard Entertainment	1.84
## 27	2017	Shooter	Electronic Arts	1.70

## 28	2016	Shooter	Ubisoft	1.49
## 29	2015	Shooter	Ubisoft	1.29
## 30	2014	Action-Adventure	Ubisoft	1.40
## 31	2013	Shooter	Activision	1.79
## 32	2014	Action	Ubisoft	1.25
## 33	2017	Shooter	Activision	1.92
## 34	2015	Action	Warner Bros. Interactive	1.65
## 35	2017	Action	Ubisoft	1.22
## 36	2014	Shooter	Ubisoft	1.18
## 37	2015	Sports	2K Sports	2.56
## 38	2018	Action	Ubisoft	1.44
## 39	2013	Shooter	Electronic Arts	1.40
## 40	2017	Racing	Sony Interactive Entertainment	0.63
## 41	2015	Action	Ubisoft	0.90
## 42	2016	Sports	2K Sports	2.28
## 43	2015	Fighting	Warner Bros. Interactive Entertainment	1.94
## 44	2013	Sports	EA Sports	0.62
## 45	2016	Role-Playing	Bethesda Softworks	1.24
## 46	2016	Action	Ubisoft	0.98
## 47	2017	Sports	2K Sports	2.13
## 48	2017	Action	Capcom	0.88
## 49	2015	Sports	EA Sports	2.39
## 50	2016	Sports	EA Sports	2.30
## 51	2014	Action	Warner Bros. Interactive Entertainment	1.03
## 52	2013	Action-Adventure	Ubisoft	1.07
## 53	2017	Shooter	Ubisoft	1.07
## 54	2015	Role-Playing	Sony Computer Entertainment	1.30
## 55	2015	Action	Konami Digital Entertainment	0.97
## 56	2013	Shooter	Sony Computer Entertainment	0.89
## 57	2014	Action-Adventure	Sony Computer Entertainment	1.35
## 58	2016	Shooter	Bethesda Softworks	0.93
## 59	2016	Action-Adventure	2K Games	0.72
## 60	2014	Role-Playing	Blizzard Entertainment	0.83
## 61	2016	Action-Adventure	Ubisoft	0.63
## 62	2015	Racing	Electronic Arts	0.59
## 63	2017	Sports	EA Sports	1.73
## 64	2014	Sports	2K Sports	1.49
## 65	2015	Action	Warner Bros. Interactive	1.18
## 66	2016	Role-Playing	Namco Bandai Games	1.00
## 67	2016	Platform	Sony Interactive Entertainment	0.97
## 68	2014	Racing	Sony Computer Entertainment	0.37
## 69	2017	Action	Sony Interactive Entertainment	0.58
## 70	2014	Role-Playing	Electronic Arts	1.07
## 71	2016	Action-Adventure	Hello Games	0.89
## 72	2014	Sports	EA Sports	1.58
## 73	2017	Racing	Electronic Arts	0.62
## 74	2015	Shooter	Activision	0.97
## 75	2013	Racing	Electronic Arts	0.75
## 76	2016	Misc	Sony Interactive Entertainment	0.36
## 77	2015	Shooter	Electronic Arts	0.72
## 78	2016	Adventure	Square Enix	0.61
## 79	2014	Platform	Sony Computer Entertainment	0.78
## 80	2015	MMO	Bethesda Softworks	0.74
## 81	2017	Action	Warner Bros. Interactive Entertainment	0.82
## 82	2017	Role-Playing	Square Enix	0.29
## 83	2016	Sports	505 Games	0.37

## 84	2015	Action-Adventure	Square Enix	0.53
## 85	2016	Action	Bethesda Softworks	0.62
## 86	2013	Action	Warner Bros. Interactive Entertainment	0.59
## 87	2015	Adventure	Sony Computer Entertainment	0.62
## 88	2013	Platform	Sony Computer Entertainment	0.45
## 89	2014	Action	Bethesda Softworks	0.56
## 90	2014	Racing	Ubisoft	0.44
## 91	2017	Role-Playing	Square Enix	0.75
## 92	2017	Action	Ubisoft	0.73
## 93	2016	Shooter	Electronic Arts	0.75
## 94	2017	Fighting	Warner Bros. Interactive Entertainment	0.88
## 95	2017	Role-Playing	Square Enix	0.56
## 96	2017	Fighting	Namco Bandai Games	0.60
## 97	2016	Role-Playing	Deep Silver	0.62
## 98	2015	Shooter	Sony Computer Entertainment	0.44
## 99	2014	Shooter	Bethesda Softworks	0.48
## 100	2018	Adventure	Sony Interactive Entertainment	0.55
## 101	2016	Fighting	Namco Bandai Games	0.71
## 102	2013	Sports	2K Sports	0.91
## 103	2014	Action-Adventure	Square Enix	0.47
## 104	2016	Action	Namco Bandai Games	0.54
## 105	2014	Platform	Ubisoft	0.22
## 106	2017	Role-Playing	Electronic Arts	0.58
## 107	2018	Fighting	Namco Bandai Games	0.61
## 108	2017	Role-Playing	Ubisoft	0.62
## 109	2017	Simulation	Electronic Arts	0.44
## 110	2016	Fighting	Capcom	0.64
## 111	2017	Shooter	Bethesda Softworks	0.55
## 112	2017	Sports	2K Sports	0.45
## 113	2016	Action-Adventure	Warner Bros. Interactive Entertainment	0.30
## 114	2016	Sports	EA Sports	0.44
## 115	2016	Action-Adventure	Sony Interactive Entertainment	0.40
## 116	2015	Sports	Take-Two Interactive	0.43
## 117	2015	Shooter	2K Games	0.69
## 118	2015	Racing	Bandai Namco Games	0.29
## 119	2016	Sports	2K Games	0.32
## 120	2015	Music	Activision	0.52
## 121	2014	Action-Adventure	Konami Digital Entertainment	0.36
## 122	2015	Action	Warner Bros. Interactive Entertainment	0.38
## 123	2018	Action-Adventure	Sony Interactive Entertainment	0.44
## 124	2017	Role-Playing	Square Enix	0.57
## 125	2015	Fighting	Namco Bandai Games	0.33
## 126	2015	Action	Warner Bros. Interactive Entertainment	0.48
## 127	2015	Action	Warner Bros. Interactive Entertainment	0.41
## 128	2014	Sports	2K Sports	0.40
## 129	2017	Sports	Sony Interactive Entertainment	0.94
## 130	2017	Misc	Warner Bros. Interactive Entertainment	0.21
## 131	2017	Role-Playing	Bethesda Softworks	0.47
## 132	2017	Action	Warner Bros. Interactive Entertainment	0.33
## 133	2014	Fighting	Electronic Arts	0.49
## 134	2017	Role-Playing	Square Enix	0.37
## 135	2014	Adventure	Sega	0.29
## 136	2018	Sports	Sony Interactive Entertainment	0.86
## 137	2017	Action	Bethesda Softworks	0.31
## 138	2017	Shooter	Bethesda Softworks	0.25
## 139	2015	Role-Playing	Square Enix	0.40

## 140	2017	Action	Tecmo Koei	0.34
## 141	2015	Sports	Sony Computer Entertainment	0.75
## 142	2016	Sports	Ubisoft	0.23
## 143	2016	Action	Warner Bros. Interactive Entertainment	0.31
## 144	2015	Shooter	2K Games	0.38
## 145	2013	Fighting	Warner Bros. Interactive Entertainment	0.46
## 146	2018	Sports	EA Sports	0.40
## 147	2013	Sports	EA Sports	0.64
## 148	2016	Sports	Sony Computer Entertainment	0.78
## 149	2014	Action	Warner Bros. Interactive Entertainment	0.37
## 150	2015	Role-Playing	Square Enix	0.34
## 151	2018	Role-Playing	Namco Bandai Games	0.33
## 152	2015	Action	Sony Computer Entertainment	0.40
## 153	2017	Action	Gearbox Software	0.42
## 154	2016	Action	Warner Bros. Interactive Entertainment	0.07
## 155	2015	Adventure	Mojang	0.31
## 156	2016	Shooter	2K Games	0.41
## 157	2014	Action	Square Enix	0.28
## 158	2016	Shooter	Sony Interactive Entertainment	0.50
## 159	2015	Action	Disney Interactive Studios	0.31
## 160	2016	Simulation	Focus Home Interactive	0.19
## 161	2018	Racing	Ubisoft	0.22
## 162	2015	Sports	Konami Digital Entertainment	0.14
## 163	2017	Action	Studio Wildcard	0.28
## 164	2015	Action	Square Enix	0.21
## 165	2016	Action	Ubisoft	0.14
## 166	2014	MMO	Square Enix	0.35
## 167	2016	Shooter	Activision	0.24
## 168	2016	Racing	Codemasters	0.07
## 169	2017	Action	Square Enix	0.24
## 170	2014	Sports	Konami Digital Entertainment	0.09
## 171	2017	Platform	Warner Bros. Interactive Entertainment	0.17
## 172	2017	Sports	Konami Digital Entertainment	0.12
## 173	2014	Action-Adventure	Disney Interactive Studios	0.37
## 174	2016	Sports	Konami Digital Entertainment	0.08
## 175	2014	Shooter	505 Games	0.25
## 176	2014	Sports	Sony Computer Entertainment	0.59
## 177	2017	Racing	Sony Interactive Entertainment	0.12
## 178	2016	Role-Playing	Square Enix	0.25
## 179	2014	Action-Adventure	Warner Bros. Interactive Entertainment	0.26
## 180	2017	Fighting	Capcom	0.36
## 181	2015	Role-Playing	Namco Bandai Games	0.27
## 182	2016	Adventure	Sega	0.16
## 183	2015	Racing	Codemasters	0.10
## 184	2014	Shooter	Deep Silver	0.22
## 185	2014	Music	Ubisoft	0.38
## 186	2015	Sports	EA Sports	0.38
## 187	2014	Shooter	Electronic Arts	0.24
## 188	2016	Role-Playing	Namco Bandai Games	0.22
## 189	2015	Adventure	Sega	0.22
## 190	2016	Fighting	Namco Bandai Games	0.21
## 191	2016	Action	Warner Bros. Interactive Entertainment	0.15
## 192	2016	Shooter	Electronic Arts	0.22
## 193	2014	Action-Adventure	Warner Bros. Interactive Entertainment	0.14
## 194	2016	Role-Playing	Square Enix	0.24
## 195	2017	Racing	Koch Media	0.04

## 196	2014	Sports	EA Sports	0.32
## 197	2017	Party	Sony Interactive Entertainment	0.05
## 198	2017	Adventure	Rockstar Games	0.18
## 199	2017	Adventure	Sony Interactive Entertainment	0.08
## 200	2017	Shooter	Activision	0.17
## 201	2016	Role-Playing	Square Enix	0.12
## 202	2017	Action	Warner Bros. Interactive Entertainment	0.16
## 203	2015	Action	Capcom	0.14
## 204	2015	Music	Harmonix Music Systems	0.41
## 205	2017	Sports	EA Sports	0.31
## 206	2017	Sports	Sony Interactive Entertainment	0.12
## 207	2014	Action-Adventure	Activision	0.20
## 208	2017	Shooter	Bethesda Softworks	0.22
## 209	2017	Platform	Sega	0.15
## 210	2018	Role-Playing	Deep Silver	0.18
## 211	2014	Role-Playing	Square Enix	0.20
## 212	2017	Shooter	Rebellion Developments	0.21
## 213	2015	Sports	Electronic Arts	0.19
## 214	2017	Racing	Namco Bandai Games	0.10
## 215	2014	Platform	Activision	0.25
## 216	2016	Sports	EA Sports	0.32
## 217	2015	Action	Namco Bandai Games	0.11
## 218	2016	Racing	Codemasters	0.13
## 219	2016	Shooter	Deep Silver	0.11
## 220	2016	Action	Tecmo Koei	0.08
## 221	2017	Racing	Codemasters	0.10
## 222	2017	Shooter	Sony Interactive Entertainment	0.00
## 223	2016	Shooter	2K Games	0.25
## 224	2018	Action	Electronic Arts	0.23
## 225	2017	Action	Gun Media	0.29
## 226	2014	Adventure	Telltale Games	0.12
## 227	2015	Shooter	Bethesda Softworks	0.13
## 228	2015	Action	Activision	0.26
## 229	2016	Action	Square Enix	0.05
## 230	2016	Racing	Ubisoft	0.04
## 231	2017	Platform	Sony Interactive Entertainment	0.14
## 232	2013	Music	Ubisoft	0.21
## 233	2018	Fighting	Square Enix	0.19
## 234	2015	Action-Adventure	Activision	0.29
## 235	2016	Adventure	Sega	0.13
## 236	2015	Role-Playing	Namco Bandai Games	0.18
## 237	2016	Role-Playing	Square Enix	0.10
## 238	2014	Action	Square Enix	0.16
## 239	2013	Misc	Activision	0.23
## 240	2016	Platform	Activision	0.18
## 241	2014	Misc	Ubisoft	0.13
## 242	2015	Action	Deep Silver	0.15
## 243	2015	Action	Bethesda Softworks	0.12
## 244	2016	Platform	Electronic Arts	0.13
## 245	2015	Simulation	Koch Media	0.13
## 246	2014	Music	Ubisoft	0.21
## 247	2016	Role-Playing	Namco Bandai Games	0.18
## 248	2015	Music	Ubisoft	0.19
## 249	2016	Action	Warner Bros. Interactive Entertainment	0.32
## 250	2017	Platform	Namco Bandai Games	0.18
## 251	2015	Simulation	Kalypso Media	0.07

## 252	2016	Adventure	Square Enix	0.11
## 253	2016	Action-Adventure	Capcom	0.07
## 254	2017	Action	Sega	0.08
## 255	2018	Role-Playing	Focus Home Interactive	0.12
## 256	2017	Action	Capcom	0.16
## 257	2017	Shooter	City Interactive	0.14
## 258	2018	Action	Sega	0.09
## 259	2015	Role-Playing	Namco Bandai Games	0.19
## 260	2015	Role-Playing	NIS America	0.15
## 261	2015	Fighting	Tecmo Koei	0.09
## 262	2017	Action-Adventure	Sony Interactive Entertainment	0.13
## 263	2016	Role-Playing	NIS America	0.14
## 264	2015	Role-Playing	Focus Home Interactive	0.13
## 265	2016	Fighting	Deep Silver	0.21
## 266	2017	Action	Bethesda Softworks	0.10
## 267	2016	Role-Playing	Sega	0.14
## 268	2014	Action-Adventure	Square Enix	0.09
## 269	2015	Shooter	505 Games	0.12
## 270	2016	Sports	Konami Digital Entertainment	0.00
## 271	2015	Action	Capcom	0.12
## 272	2017	Platform	Sega	0.10
## 273	2015	Fighting	Namco Bandai Games	0.11
## 274	2016	Strategy	2K Games	0.16
## 275	2014	Misc	Tecmo Koei	0.09
## 276	2017	Simulation	Koch Media	0.15
## 277	2015	Fighting	Namco Bandai Games	0.00
## 278	2017	Music	Ubisoft	0.10
## 279	2014	Misc	Square Enix	0.13
## 280	2018	Role-Playing	Namco Bandai Games	0.11
## 281	2018	Action	Bandai Namco Games	0.19
## 282	2017	Platform	Sold Out	0.09
## 283	2017	Racing	Warner Bros. Interactive Entertainment	0.06
## 284	2016	Action	Konami Digital Entertainment	0.13
## 285	2014	Adventure	Focus Home Interactive	0.10
## 286	2017	Action	Ubisoft	0.11
## 287	2016	Action	Sony Computer Entertainment	0.00
## 288	2017	Simulation	Focus Home Interactive	0.11
## 289	2014	Action	NIS America	0.16
## 290	2018	Role-Playing	Square Enix	0.06
## 291	2017	Action	Namco Bandai Games	0.08
## 292	2013	Sports	EA Sports	0.17
## 293	2018	Shooter	Sony Interactive Entertainment	0.12
## 294	2016	Shooter	Tripwire Interactive	0.19
## 295	2016	Action-Adventure	Sony Interactive Entertainment	0.14
## 296	2016	Racing	Sony Interactive Entertainment	0.12
## 297	2016	Action	PQube	0.12
## 298	2017	Fighting	Capcom	0.19
## 299	2017	Adventure	NIS America	0.09
## 300	2014	Fighting	Tecmo Koei	0.08
## 301	2018	Action	THQ Nordic	0.13
## 302	2014	Sports	Electronic Arts	0.16
## 303	2017	Sports	EA Sports	0.20
## 304	2015	Platform	Sony Computer Entertainment	0.07
## 305	2017	Role-Playing	Namco Bandai Games	0.10
## 306	2015	Racing	Milestone S.r.l.	0.04
## 307	2016	Misc	Ubisoft	0.08

## 308	2017	Action	Sold Out	0.04
## 309	2015	Action	Activision	0.11
## 310	2015	Action-Adventure	Nordic Games	0.10
## 311	2016	Sports	Konami Digital Entertainment	0.00
## 312	2017	MMO	Bethesda Softworks	0.11
## 313	2017	Role-Playing	Namco Bandai Games	0.13
## 314	2017	Shooter	Astragon	0.19
## 315	2015	Sports	Activision	0.11
## 316	2013	Puzzle	Activision	0.11
## 317	2017	Role-Playing	THQ Nordic	0.03
## 318	2016	Action	Sony Interactive Entertainment	0.11
## 319	2014	Shooter	Activision	0.08
## 320	2016	Action	Deep Silver	0.09
## 321	2018	Action	Konami Digital Entertainment	0.08
## 322	2017	Music	Sony Interactive Entertainment	0.04
## 323	2017	Action	505 Games	0.11
## 324	2018	Action	Koei Tecmo	0.09
## 325	2014	Adventure	Telltale Games	0.11
## 326	2017	Racing	Codemasters	0.03
## 327	2015	Action	Tecmo Koei	0.11
## 328	2015	Shooter	Rebellion Developments	0.06
## 329	2017	Action	Warner Bros. Interactive Entertainment	0.09
## 330	2016	Shooter	Sony Interactive Entertainment	0.11
## 331	2017	Action	PQube	0.09
## 332	2017	Role-Playing	NIS America	0.08
## 333	2014	Action	Focus Home Interactive	0.08
## 334	2015	Sports	EA Sports	0.13
## 335	2016	Action	Telltale Games	0.09
## 336	2014	Misc	Tecmo Koei	0.07
## 337	2017	Role-Playing	Capcom	0.07
## 338	2014	Action	Namco Bandai Games	0.11
## 339	2016	Adventure	Ubisoft	0.09
## 340	2017	Action	Deep Silver	0.08
## 341	2014	Racing	Milestone S.r.l.	0.05
## 342	2017	Simulation	Frontier Developments	0.06
## 343	2014	Music	Sony Computer Entertainment	0.00
## 344	2015	Action	Tecmo Koei	0.06
## 345	2016	Adventure	Telltale Games	0.09
## 346	2017	Action	Koch Media	0.07
## 347	2015	Racing	Milestone S.r.l.	0.00
## 348	2017	Action	Capcom	0.06
## 349	2015	Action	Marvelous Interactive	0.08
## 350	2015	Adventure	Telltale Games	0.10
## 351	2017	Adventure	Warner Bros. Interactive Entertainment	0.11
## 352	2016	Shooter	Capcom	0.10
## 353	2015	MMO	Square Enix	0.00
## 354	2017	MMO	Square Enix	0.05
## 355	2014	Fighting	Arc System Works	0.11
## 356	2016	Action	Activision	0.14
## 357	2016	Fighting	PQube	0.10
## 358	2017	Racing	Milestone	0.06
## 359	2016	Racing	Milestone S.r.l	0.07
## 360	2017	Action-Adventure	Capcom	0.08
## 361	2013	Platform	System 3	0.06
## 362	2017	Role-Playing	Namco Bandai Games	0.05
## 363	2016	Action	Sony Interactive Entertainment	0.09

## 364	2017	Fighting	Namco Bandai Games	0.07
## 365	2016	Action	Tecmo Koei	0.07
## 366	2015	Fighting	PQube	0.08
## 367	2017	Role-Playing	Paradox Interactive\xca	0.11
## 368	2017	Role-Playing	Deep Silver	0.04
## 369	2015	Action-Adventure	Sony Computer Entertainment	0.02
## 370	2016	Visual Novel	NIS America	0.10
## 371	2015	Adventure	505 Games	0.04
## 372	2014	Action	Tecmo Koei	0.04
## 373	2015	Role-Playing	Deep Silver	0.10
## 374	2015	Role-Playing	Tecmo Koei	0.04
## 375	2016	Racing	Dusenberry Martin Racing	0.12
## 376	2014	Adventure	Sega	0.00
## 377	2016	Action	Tecmo Koei	0.04
## 378	2016	Action	Insomniac Games	0.12
## 379	2017	Role-Playing	Namco Bandai Games	0.00
## 380	2017	Role-Playing	Tecmo Koei	0.07
## 381	2017	Role-Playing	Idea Factory International	0.06
## 382	2015	Role-Playing	NIS America	0.08
## 383	2016	Action	Tecmo Koei	0.03
## 384	2016	Sports	Focus Home Interactive	0.00
## 385	2015	Platform	Yacht Club Games	0.08
## 386	2015	Action	Little Orbit	0.07
## 387	2016	Fighting	PQube	0.06
## 388	2018	Action-Adventure	Gearbox Software	0.08
## 389	2016	Music	Ubisoft	0.11
## 390	2015	Racing	Ubisoft	0.00
## 391	2016	Racing	Milestone S.r.l.	0.05
## 392	2017	Racing	Koch Media	0.04
## 393	2015	Role-Playing	Idea Factory International	0.06
## 394	2015	Action	Tecmo Koei	0.04
## 395	2014	Sports	Ravenscourt	0.09
## 396	2016	Music	Sega	0.08
## 397	2017	Racing	505 Games	0.11
## 398	2017	Shooter	Gearbox Software	0.05
## 399	2016	Racing	Namco Bandai Games	0.05
## 400	2017	Sports	Maximum Games	0.05
## 401	2014	Action	Acquire	0.09
## 402	2015	Sports	Bigben Interactive	0.05
## 403	2016	Visual Novel	Atlus	0.05
## 404	2017	Role-Playing	Nihon Falcom Corporation	0.00
## 405	2015	Adventure	Deep Silver	0.05
## 406	2018	Action	Sony Interactive Entertainment	0.06
## 407	2015	Sports	Tru Blu Entertainment	0.01
## 408	2015	Role-Playing	Namco Bandai Games	0.00
## 409	2016	Action	Activision	0.07
## 410	2017	Simulation	Sony Interactive Entertainment	0.10
## 411	2017	Role-Playing	505 Games	0.02
## 412	2015	Action	Tecmo Koei	0.03
## 413	2017	Adventure	NIS America	0.08
## 414	2015	Role-Playing	Namco Bandai Games	0.00
## 415	2017	Misc	Ubisoft	0.10
## 416	2017	Adventure	Warner Bros. Interactive Entertainment	0.06
## 417	2016	Role-Playing	Namco Bandai Games	0.00
## 418	2017	Strategy	System 3	0.09
## 419	2017	Adventure	Telltale Games	0.09

## 420	2016	Action-Adventure	THQ Nordic	0.07
## 421	2016	Platform	Deep Silver	0.09
## 422	2017	Adventure	GameTrust	0.09
## 423	2018	Racing	Milestone S.r.l.	0.08
## 424	2016	Simulation	Namco Bandai Games	0.00
## 425	2015	Role-Playing	NIS America	0.03
## 426	2016	Strategy	Namco Bandai Games	0.00
## 427	2017	Adventure	Grey Box	0.02
## 428	2016	Misc	Namco Bandai Games	0.00
## 429	2016	Action	Namco Bandai Games	0.00
## 430	2015	Shooter	D3Publisher	0.00
## 431	2014	Shooter	Devolver Digital	0.00
## 432	2016	Action	Ubisoft	0.02
## 433	2016	Platform	Capcom	0.09
## 434	2017	Action	Namco Bandai Games	0.08
## 435	2016	Role-Playing	Nihon Falcom Corporation	0.05
## 436	2017	Simulation	505 Games	0.04
## 437	2015	Action	Tecmo Koei	0.03
## 438	2017	Action	Tecmo Koei	0.03
## 439	2017	Action	Capcom	0.06
## 440	2017	MMO	Square Enix	0.07
## 441	2015	Action	Capcom	0.01
## 442	2014	Puzzle	Sega	0.05
## 443	2014	Role-Playing	NIS America	0.05
## 444	2017	Strategy	Kalypso Media	0.05
## 445	2017	Action	Namco Bandai Games	0.00
## 446	2017	Shooter	Bethesda Softworks	0.08
## 447	2017	Fighting	PQube	0.04
## 448	N/A	Fighting		0.00
## 449	2015	Music	Ravenscourt	0.08
## 450	2016	Action-Adventure	Capcom	0.07
## 451	2017	Action	Tecmo Koei	0.04
## 452	2016	Role-Playing	Focus Home Interactive	0.04
## 453	2015	Action	Tecmo Koei	0.04
## 454	2017	Music	Namco Bandai Games	0.00
## 455	2016	Strategy	Tecmo Koei	0.03
## 456	2015	Strategy	Kalypso Media	0.00
## 457	2017	Sports	Tru Blu Entertainment	0.00
## 458	2015	Action	Ubisoft	0.07
## 459	2015	Action	Namco Bandai Games	0.00
## 460	2016	Action	Sony Interactive Entertainment	0.07
## 461	2016	Role-Playing	Gaijinworks	0.03
## 462	2016	Role-Playing	Idea Factory International	0.04
## 463	2016	Shooter	Gearbox Software	0.07
## 464	2017	Racing	Funbox Media	0.07
## 465	2015	Role-Playing	Tecmo Koei	0.00
## 466	2014	Action	Square Enix	0.00
## 467	N/A	Role-Playing		0.00
## 468	2016	Action	Activision	0.07
## 469	2016	Adventure	Microids	0.05
## 470	2016	Platform	Xseed Games	0.06
## 471	2015	Shooter	PQube	0.05
## 472	2017	Adventure	Badland Studio	0.05
## 473	2015	Action	Nordic Games	0.03
## 474	2016	Misc	Ubisoft	0.07
## 475	2016	Adventure	Maximum Games	0.05

## 476	2017	Simulation	GameMill	0.06
## 477	2016	Role-Playing	Tecmo Koei	0.02
## 478	2016	Action	Capcom	0.04
## 479	2016	Racing	505 Games	0.00
## 480	2016	Action	PQube	0.05
## 481	2016	Racing	PQube	0.03
## 482	2017	Role-Playing	NIS America	0.03
## 483	2016	Action	Capcom	0.05
## 484	2017	Role-Playing	Nippon Ichi Software	0.03
## 485	2016	Action	Tecmo Koei	0.02
## 486	2016	Role-Playing	Square Enix	0.00
## 487	2017	Action	GameTrust	0.06
## 488	2017	Misc	Square Enix	0.00
## 489	2017	Action	Focus Home Interactive	0.06
## 490	2016	Action	Capcom	0.04
## 491	2015	Adventure	Nordic Games	0.00
## 492	2016	Shooter	NIS America	0.06
## 493	2017	Adventure	Warner Bros. Interactive Entertainment	0.06
## 494	2017	Visual Novel	NIS America	0.05
## 495	2017	Shooter	Bigben Interactive	0.06
## 496	2017	Racing	Bigben Interactive	0.06
## 497	2016	Action	Namco Bandai Games	0.00
## 498	2017	Simulation	Focus Home Interactive	0.00
## 499	2017	Action-Adventure	Namco Bandai Games	0.00
## 500	2017	Action	Aksys Games	0.04
## 501	2015	Adventure	Revolution Software	0.00
## 502	2014	Action	505 Games	0.00
## 503	2016	Action	Games Workshop	0.03
## 504	2017	Adventure	Telltale Games	0.05
## 505	2016	Misc	Atari	0.05
## 506	2015	Action	Nordic Games	0.00
## 507	2015	Adventure	PQube	0.00
## 508	2016	Action	Ubisoft	0.00
## 509	2015	Role-Playing	Deep Silver	0.00
## 510	2016	Sports	Maximum Games	0.05
## 511	2016	Sports	Tecmo Koei	0.00
## 512	2017	Misc	NIS America	0.05
## 513	2017	Sports	Koch Media	0.05
## 514	2017	Misc	Nicalis	0.05
## 515	2016	Adventure	Bigben Interactive	0.05
## 516	2017	Role-Playing	Tecmo Koei	0.03
## 517	2015	Sports	Nordic Games	0.00
## 518	2017	Racing	THQ Nordic	0.05
## 519	2015	Role-Playing	Namco Bandai Games	0.00
## 520	2017	Action	Ready at Dawn	0.05
## 521	2014	Strategy	Tecmo Koei	0.00
## 522	2017	Role-Playing	Square Enix	0.00
## 523	2017	Action	NIS America	0.02
## 524	2015	Adventure	Telltale Games	0.05
## 525	2016	Misc	Atari	0.05
## 526	2017	Adventure	Maximum Games	0.05
## 527	2016	Action	Maximum Games	0.05
## 528	2015	Sports	Bigben Interactive	0.00
## 529	2018	Action	Maximum Games	0.05
## 530	2015	Sports	Big Ben Interactive	0.00
## 531	2015	Role-Playing	Aksys Games	0.02

## 532	2016	Adventure	Activision	0.05
## 533	2017	Action	THQ Nordic	0.03
## 534	2017	Strategy	Sold Out	0.04
## 535	2017	Role-Playing	THQ Nordic	0.03
## 536	2015	Racing	Bigben Interactive	0.00
## 537	2017	Adventure	THQ Nordic	0.04
## 538	2017	Action	NIS America	0.04
## 539	2015	Role-Playing	Nordic Games	0.04
## 540	2017	Shooter	Sony Interactive Entertainment	0.04
## 541	2018	Action-Adventure	505 Games	0.03
## 542	2017	Platform	Accolade	0.04
## 543	2015	Fighting	Marvelous Interactive	0.01
## 544	2014	Strategy	Tecmo Koei	0.04
## 545	2014	Role-Playing	Ubisoft	0.00
## 546	2017	Role-Playing	Sega	0.00
## 547	2015	Action	Deep Silver	0.00
## 548	2016	Misc	Ubisoft	0.04
## 549	2017	Role-Playing	NIS America	0.04
## 550	2017	Simulation	Soedesco	0.04
## 551	2016	Strategy	Team17 Digital Ltd	0.02
## 552	2017	Adventure	Microids	0.04
## 553	2016	Action	Capcom	0.00
## 554	2015	Action	Capcom	0.00
## 555	2016	Racing	Milestone S.r.l	0.00
## 556	2018	Adventure	505 Games	0.04
## 557	2016	Racing	GameMill	0.04
## 558	2016	Simulation	Introversion Software	0.02
## 559	2016	Shooter	Rising Star Games	0.04
## 560	2016	Adventure	NIS America	0.04
## 561	2016	Action	Sold Out	0.04
## 562	2017	Action	Outright Games	0.04
## 563	2017	Shooter	Maximum Games	0.04
## 564	2017	Shooter	Maximum Games	0.04
## 565	2017	Party	Sony Interactive Entertainment	0.04
## 566	2017	Shooter	505 Games	0.04
## 567	2015	Role-Playing	Idea Factory International	0.00
## 568	2017	Adventure	Aksys Games	0.03
## 569	2016	Sports	Alternative Software	0.00
## 570	2017	Action	Kalypso Media	0.03
## 571	2017	Platform	505 Games	0.04
## 572	2015	Puzzle	Nighthawk Interactive	0.00
## 573	2017	Role-Playing	Compile Heart	0.01
## 574	2016	Sports	MLB.com	0.04
## 575	2018	Simulation	Techland	0.02
## 576	2016	Simulation	Nighthawk Interactive	0.03
## 577	2016	Action	Avanquest	0.01
## 578	2017	Action	Badland Studio	0.03
## 579	2017	Action	Merge Games	0.03
## 580	2016	Adventure	Sony Interactive Entertainment	0.00
## 581	2017	Fighting	Arc System Works	0.01
## 582	2016	Action	Maximum Games	0.03
## 583	2017	Action	CokeM Interactive	0.03
## 584	2015	Action-Adventure	Ubisoft	0.00
## 585	2015	Fighting	Namco Bandai Games	0.00
## 586	2017	Strategy	Kalypso Media	0.03
## 587	2014	Sports	Focus Home Interactive	0.00

## 588	2017	Shooter	NIS America	0.03
## 589	2016	Action	PQube	0.03
## 590	2016	Music	Ubisoft	0.03
## 591	2018	Platform	Nicalis	0.03
## 592	2016	Puzzle	Rising Star Games	0.03
## 593	2017	Adventure	505 Games	0.03
## 594	2017	Strategy	Kalypso Media	0.02
## 595	2018	Role-Playing	Merge Games	0.02
## 596	2017	Sports	MLB.com	0.03
## 597	2015	Adventure	5pb	0.03
## 598	2017	Racing	Perp Games	0.03
## 599	2016	Shooter	Capcom	0.00
## 600	2016	Puzzle	Nighthawk Interactive	0.03
## 601	2015	Misc	Namco Bandai Games	0.00
## 602	2014	Action	Sony Computer Entertainment	0.00
## 603	2017	Action	UFO Interactive	0.02
## 604	2015	Platform	Activision	0.00
## 605	2016	Role-Playing	THQ Nordic	0.03
## 606	2016	Strategy	Tecmo Koei	0.00
## 607	2016	Simulation	Tecmo Koei	0.00
## 608	2016	Action	Capcom	0.00
## 609	2017	Action	Nippon Ichi Software	0.01
## 610	2016	Action	Wired Productions	0.02
## 611	2015	Fighting	Sega	0.00
## 612	2017	Action	Maximum Games	0.02
## 613	2017	Adventure	Kalypso Media	0.02
## 614	2017	Action	Kadokawa Games	0.01
## 615	2017	Misc	Tecmo Koei	0.00
## 616	2016	Fighting	Yeti	0.00
## 617	2017	Racing	Maximum Games	0.02
## 618	2017	Misc	Tecmo Koei	0.00
## 619	2016	Sports	Avanquest	0.00
## 620	2016	Misc	Namco Bandai Games	0.00
## 621	2016	Puzzle	Nighthawk Interactive	0.02
## 622	2017	Strategy	Kalypso Media	0.02
## 623	2017	Racing	THQ Nordic	0.02
## 624	2016	Action	Namco Bandai Games	0.00
## 625	2016	Action	Activision	0.02
## 626	2016	Music	THQ Nordic	0.02
## 627	2016	Adventure	Nippon Ichi Software	0.00
## 628	2017	Adventure	Wired Productions	0.02
## 629	2016	Platform	Badland Studio	0.02
## 630	2017	Fighting	Namco Bandai Games	0.00
## 631	N/A	Action		0.00
## 632	2017	Visual Novel	Sprite	0.00
## 633	2017	Adventure	Aksys Games	0.02
## 634	2017	Role-Playing	Soedesco	0.02
## 635	2016	Visual Novel	PQube	0.00
## 636	2017	Action	NIS America	0.02
## 637	2017	Misc	Soedesco	0.02
## 638	2014	Role-Playing	Compile Heart	0.00
## 639	2017	Shooter	NIS America	0.02
## 640	2016	Action	Namco Bandai Games	0.00
## 641	2015	Sports	Tru Blu Entertainment	0.00
## 642	2017	Role-Playing	D3Publisher	0.00
## 643	2017	Role-Playing	Square Enix	0.00

## 644	2017	Music	PM Studios	0.02
## 645	2016	Action-Adventure	Gunho Online Entertainment	0.00
## 646	2016	Shooter	Sony Interactive Entertainment	0.00
## 647	2017	Racing	505 Games	0.02
## 648	2016	Action-Adventure	Capcom	0.00
## 649	2016	Action	Namco Bandai Games	0.00
## 650	2017	Music	Sony Interactive Entertainment	0.00
## 651	2016	Action	Rising Star Games	0.02
## 652	2016	Shooter	GameMill Entertainment	0.02
## 653	2016	Role-Playing	Kalypso Media	0.02
## 654	2017	Puzzle	Soedesco	0.02
## 655	2017	Strategy	Sony Interactive Entertainment	0.00
## 656	2017	Strategy	Maximum Games	0.02
## 657	2016	Action	Stainless Games	0.02
## 658	2018	Strategy	League of Geeks	0.02
## 659	2018	Action	Wired Productions	0.02
## 660	2017	Music	Sony Interactive Entertainment	0.00
## 661	2016	Action	Capcom	0.00
## 662	2015	Action	Namco Bandai Games	0.00
## 663	2015	Action	D3Publisher	0.00
## 664	2017	Puzzle	Kalypso Media	0.02
## 665	2016	Misc	Rising Star Games	0.02
## 666	2017	Visual Novel	5pb	0.00
## 667	2016	Misc	Namco Bandai Games	0.00
## 668	2017	Role-Playing	Compile Heart	0.00
## 669	2016	Fighting	Arc System Works	0.00
## 670	2017	Simulation	THQ Nordic	0.01
## 671	2014	Misc	Ubisoft	0.00
## 672	2017	Racing	Bigben Interactive	0.01
## 673	2015	Visual Novel	PQube	0.00
## 674	2016	Fighting	Mediascape	0.00
## 675	2017	Shooter	Rebellion	0.01
## 676	2015	Shooter	Focus Home Interactive	0.00
## 677	2017	Action	Soedesco	0.01
## 678	2017	Action	PQube	0.00
## 679	2017	Role-Playing	Techland	0.01
## 680	2017	Action	GungHo	0.00
## 681	2017	Adventure	Namco Bandai Games	0.00
## 682	2015	Role-Playing	TopWare Interactive	0.00
## 683	2017	Adventure	5pb	0.00
## 684	2017	Strategy	Nippon Ichi Software	0.00
## 685	2017	Misc	Arc System Works	0.00
## 686	2016	Strategy	Nordic Games	0.01
## 687	2017	Role-Playing	Capcom	0.00
## 688	2017	Adventure	5pb	0.00
## 689	2017	Adventure	5pb	0.00
## 690	2016	Strategy	M2	0.00
## 691	2017	Adventure	5pb	0.00
## 692	2016	Simulation	UIG Entertainment	0.00
## 693	2017	Adventure	5pb	0.00
## 694	2016	Action	Rising Star Games	0.00
## 695	2017	Racing	Nighthawk Interactive	0.01
## 696	2016	Shooter	Soedesco	0.00
## 697	2017	Visual Novel	5pb	0.00
## 698	2016	Racing	PQube	0.01
## 699	2017	Platform	Sony Interactive Entertainment	0.00

## 700	2017	Strategy	THQ Nordic	0.01
## 701	2015	Action	PQube	0.00
## 702	2015	Action	Namco Bandai Games	0.00
## 703	2017	Adventure	Acquire	0.00
## 704	2017	Adventure	Compile Heart	0.00
## 705	2017	Strategy	Kalypso Media	0.01
## 706	2015	Action	Tecmo Koei	0.00
## 707	2017	Action	Namco Bandai Games	0.00
## 708	2017	Role-Playing	Active Gaming Media	0.00
## 709	2014	Platform	Rain Games	0.00
## 710	2017	Action	Kadokawa Games	0.00
## 711	2016	Action	Team17 Software	0.00
## 712	2016	Platform	Team Meat	0.00
## 713	2015	Sports	Focus Home Interactive	0.00
## 714	2016	Misc	Thekla, Inc.	0.00
## 715	2015	Action	Sony Computer Entertainment	0.00
## 716	2017	Adventure	Nippon Ichi Software	0.00
## 717	2017	Adventure	Entergram	0.00
## 718	2017	Action	DMM Games	0.00
## 719	2017	Adventure	Nippon Ichi Software	0.00
## 720	2016	Sports	Sony Interactive Entertainment	0.00
## 721	2016	Puzzle	Two Tribes	0.00
## 722	2015	Action	Tecmo Koei	0.00
## 723	2017	Action	Square Enix	0.00
## 724	2015	Action	Spike Chunsoft	0.00
## 725	N/A	Platform		0.00
## 726	2016	Adventure	Microids	0.00
## 727	2016	Platform	Koch Media	0.00
## 728	N/A	Adventure		0.00
## 729	N/A	Platform		0.00
## 730	N/A	Action		0.00
## 731	2013	Misc	Perfect World Entertainment	0.00
## 732	2015	Action	BioWare	0.00
## 733	2019	Shooter	Ubisoft	0.00
## 734	N/A	Misc		0.00
## 735	N/A	Adventure		0.00
## 736	N/A	Role-Playing		0.00
## 737	2013	MMO	Sony Online Entertainment	0.00
## 738	N/A	Misc		0.00
## 739	N/A	Misc		0.00
## 740	N/A	Adventure		0.00
## 741	2017	Strategy	UIG Entertainment	0.00
## 742	N/A	Misc		0.00
## 743	2014	Misc	Unknown	0.00
## 744	N/A	Misc		0.00
## 745	N/A	Adventure		0.00
## 746	N/A	Shooter		0.00
## 747	2016	Role-Playing	Taleworlds	0.00
## 748	N/A	Role-Playing		0.00
## 749	N/A	Misc		0.00
## 750	N/A	Shooter		0.00
## 751	2017	Action	Sony Interactive Entertainment	0.00
## 752	2016	Action	Capcom	0.00
## 753	N/A	Misc		0.00
## 754	N/A	Role-Playing		0.00
## 755	N/A	Misc		0.00

## 756	2014	Misc	Activision	0.00
## 757	N/A	Fighting		0.00
## 758	N/A	Adventure		0.00
## 759	2015	Adventure	Soedesco	0.00
## 760	2016	Action	Sony Interactive Entertainment	0.00
## 761	2016	Action	Sony Interactive Entertainment	0.00
## 762	N/A	Role-Playing		0.00
## 763	2016	Action	Sony Interactive Entertainment	0.00
## 764	N/A	Misc		0.00
## 765	2014	Misc	DTP Entertainment	0.00
## 766	N/A	Platform		0.00
## 767	N/A	Fighting		0.00
## 768	N/A	Adventure		0.00
## 769	N/A	Misc		0.00
## 770	N/A	Shooter		0.00
## 771	N/A	Misc		0.00
## 772	N/A	Role-Playing		0.00
## 773	N/A	Adventure		0.00
## 774	N/A	Misc		0.00
## 775	2015	Adventure	Nordic Games	0.00
## 776	N/A	Platform		0.00
## 777	N/A	Role-Playing		0.00
## 778	2015	Adventure	Unknown	0.00
## 779	2020	Misc	Capcom	0.00
## 780	N/A	Action		0.00
## 781	N/A	Adventure		0.00
## 782	2015	Misc	Unknown	0.00
## 783	2020	Misc	Warner Bros. Interactive Entertainment	0.00
## 784	2018	Action-Adventure	CD Projekt Red Studio	0.00
## 785	2020	Misc	Square Enix	0.00
## 786	N/A	Role-Playing		0.00
## 787	N/A	Misc		0.00
## 788	N/A	Misc		0.00
## 789	2013	Misc	Compulsion Games	0.00
## 790	N/A	Action		0.00
## 791	2015	Misc	Stainless Games	0.00
## 792	2020	Misc	Unknown	0.00
## 793	2020	Misc	Unknown	0.00
## 794	N/A	Misc		0.00
## 795	N/A	Adventure		0.00
## 796	N/A	Action		0.00
## 797	N/A	Misc		0.00
## 798	N/A	Misc		0.00
## 799	N/A	Role-Playing		0.00
## 800	N/A	Action		0.00
## 801	N/A	Puzzle		0.00
## 802	N/A	Misc		0.00
## 803	N/A	Puzzle		0.00
## 804	2019	Role-Playing	Square Enix	0.00
## 805	N/A	Misc		0.00
## 806	N/A	Misc		0.00
## 807	N/A	Misc		0.00
## 808	N/A	Action		0.00
## 809	N/A	Misc		0.00
## 810	2014	Misc	Tecmo Koei	0.00
## 811	N/A	Misc		0.00

## 812	N/A	Puzzle		0.00
## 813	N/A	Misc		0.00
## 814	N/A	Misc		0.00
## 815	N/A	Misc		0.00
## 816	N/A	Misc		0.00
## 817	2013	Misc	FarSight Studios	0.00
## 818	2014	Action	Tecmo Koei	0.00
## 819	2016	Strategy	Soedesco	0.00
## 820	2014	Platform	Capcom	0.00
## 821	N/A	Action		0.00
## 822	2019	MMO	Sony Online Entertainment	0.00
## 823	N/A	Misc		0.00
## 824	N/A	Misc		0.00
## 825	N/A	Simulation		0.00
## 826	N/A	Action		0.00
## 827	N/A	Misc		0.00
## 828	N/A	Platform		0.00
## 829	N/A	Adventure		0.00
## 830	N/A	Misc		0.00
## 831	N/A	Action		0.00
## 832	N/A	Misc		0.00
## 833	N/A	Misc		0.00
## 834	N/A	Misc		0.00
## 835	2014	Action	Futurlab 1	0.00
## 836	2015	Action	Sony Computer Entertainment	0.00
## 837	N/A	Shooter		0.00
## 838	N/A	Adventure		0.00
## 839	N/A	Action		0.00
## 840	N/A	Misc		0.00
## 841	N/A	Action-Adventure		0.00
## 842	2014	Misc	Level 5	0.00
## 843	2014	Misc	Nowhere Studios	0.00
## 844	N/A	Misc		0.00
## 845	N/A	Misc		0.00
## 846	N/A	Puzzle		0.00
## 847	N/A	Misc		0.00
## 848	2014	Misc	GungHo	0.00
## 849	N/A	Misc		0.00
## 850	N/A	Sports		0.00
## 851	N/A	Misc		0.00
## 852	N/A	Misc		0.00
## 853	N/A	Misc		0.00
## 854	N/A	Misc		0.00
## 855	N/A	Adventure		0.00
## 856	N/A	Adventure		0.00
## 857	N/A	Misc		0.00
## 858	2015	Misc	Unknown	0.00
## 859	N/A	Misc		0.00
## 860	N/A	Misc		0.00
## 861	N/A	Misc		0.00
## 862	N/A	Action		0.00
## 863	N/A	Misc		0.00
## 864	N/A	Misc		0.00
## 865	N/A	Misc		0.00
## 866	2014	Misc	Unknown	0.00
## 867	N/A	Adventure		0.00

## 868	N/A	Role-Playing		0.00
## 869	N/A	Misc		0.00
## 870	N/A	Misc		0.00
## 871	N/A	Misc		0.00
## 872	2015	Misc	Frictional Games	0.00
## 873	2015	Misc	Renegade Kid	0.00
## 874	N/A	Adventure		0.00
## 875	2014	Misc	MLB.com	0.00
## 876	N/A	Misc		0.00
## 877	N/A	Shooter		0.00
## 878	2014	Misc	Focus Home Interactive	0.00
## 879	N/A	Misc		0.00
## 880	N/A	Misc		0.00
## 881	N/A	Misc		0.00
## 882	N/A	Puzzle		0.00
## 883	N/A	Misc		0.00
## 884	N/A	Misc		0.00
## 885	N/A	Adventure		0.00
## 886	N/A	Action		0.00
## 887	N/A	Misc		0.00
## 888	N/A	Misc		0.00
## 889	N/A	Misc		0.00
## 890	N/A	Misc		0.00
## 891	N/A	Misc		0.00
## 892	2014	Misc	Triniti Interactive	0.00
## 893	2016	Misc	Unknown	0.00
## 894	N/A	Adventure		0.00
## 895	N/A	Misc		0.00
## 896	N/A	Platform		0.00
## 897	2014	Misc	3D Realms	0.00
## 898	N/A	Platform		0.00
## 899	2015	Action	Endnight Games Ltd\xca	0.00
## 900	N/A	Misc		0.00
## 901	N/A	Action		0.00
## 902	N/A	Adventure		0.00
## 903	N/A	Role-Playing		0.00
## 904	N/A	Action		0.00
## 905	2015	Role-Playing	Little Orbit	0.00
## 906	N/A	Role-Playing		0.00
## 907	N/A	Shooter		0.00
## 908	N/A	Action		0.00
## 909	2015	Sports	EA Sports	0.00
## 910	2017	Action	Deep Silver	0.00
## 911	N/A	Action		0.00
## 912	N/A	Action		0.00
## 913	N/A	Platform		0.00
## 914	N/A	Action		0.00
## 915	N/A	Action		0.00
## 916	N/A	Adventure		0.00
## 917	2014	Puzzle	Ubisoft	0.00
## 918	2015	Action	Versus Evil	0.00
## 919	2014	Action	Activision	0.00
## 920	2015	Adventure	The Astronauts	0.00
## 921	2014	Action	Namco Bandai Games	0.00
## 922	2020	Racing	Sony Computer Entertainment	0.00
## 923	N/A	Role-Playing		0.00

## 924	N/A	Action		0.00
## 925	N/A	Action		0.00
## 926	N/A	Action		0.00
## 927	N/A	Adventure		0.00
## 928	N/A	Puzzle		0.00
## 929	N/A	Action		0.00
## 930	N/A	Action		0.00
## 931	N/A	Strategy		0.00
## 932	N/A	Action		0.00
## 933	N/A	Shooter		0.00
## 934	2019	Adventure	Sony Interactive Entertainment	0.00
## 935	N/A	Shooter		0.00
## 936	N/A	Shooter		0.00
## 937	N/A	Action		0.00
## 938	N/A	Strategy		0.00
## 939	N/A	Action		0.00
## 940	N/A	Action		0.00
## 941	N/A	Action		0.00
## 942	N/A	Action		0.00
## 943	N/A	Adventure		0.00
## 944	2014	Adventure	Deep Silver	0.00
## 945	N/A	Action		0.00
## 946	2016	Sports	PQube	0.00
## 947	2015	Adventure	Ice-pick Lodge	0.00
## 948	N/A	Action		0.00
## 949	2015	Role-Playing	Double Damage Games	0.00
## 950	N/A	Simulation		0.00
## 951	N/A	Shooter		0.00
## 952	N/A	Shooter		0.00
## 953	2015	Action	Ubisoft	0.00
## 954	2020	Action	Konami Digital Entertainment	0.00
## 955	N/A	Role-Playing		0.00
## 956	N/A	Shooter		0.00
## 957	N/A	Adventure		0.00
## 958	N/A	Action		0.00
## 959	N/A	Action		0.00
## 960	N/A	Action		0.00
## 961	N/A	Shooter		0.00
## 962	N/A	Shooter		0.00
## 963	N/A	Platform		0.00
## 964	N/A	Action		0.00
## 965	N/A	Action-Adventure		0.00
## 966	N/A	Misc		0.00
## 967	N/A	Platform		0.00
## 968	N/A	Action		0.00
## 969	N/A	Adventure		0.00
## 970	N/A	Platform		0.00
## 971	N/A	Platform		0.00
## 972	N/A	Action		0.00
## 973	N/A	Action		0.00
## 974	2015	Action	Codemasters	0.00
## 975	2015	Sports	MLB.com	0.00
## 976	N/A	Strategy		0.00
## 977	2015	Role-Playing	Wander MMO	0.00
## 978	N/A	Action		0.00
## 979	N/A	Adventure		0.00

## 980	N/A	Platform		0.00
## 981	N/A	Action		0.00
## 982	2019	Role-Playing	Square Enix	0.00
## 983	2016	Role-Playing	Square Enix	0.00
## 984	2020	Role-Playing	Gust	0.00
## 985	2015	Action	Sega	0.00
## 986	2015	Action	Konami Digital Entertainment	0.00
## 987	N/A	Adventure		0.00
## 988	2017	Role-Playing	Sinxsoft	0.00
## 989	2019	Platform	Cygames	0.00
## 990	2016	Action	Unknown	0.00
## 991	N/A	Music		0.00
## 992	2014	Action	Unknown	0.00
## 993	2016	Shooter	Sony Computer Entertainment	0.00
## 994	2015	Role-Playing	Deep Silver	0.00
## 995	2015	Simulation	Kalypso Media	0.00
## 996	2016	Role-Playing	Kadokawa Games	0.00
## 997	2015	Misc	Ubisoft	0.00
## 998	2015	Simulation	Namco Bandai Games	0.00
## 999	2016	Action	Maximum Games	0.00
## 1000	2015	Action	Little Orbit	0.00
## 1001	N/A	Adventure		0.00
## 1002	N/A	Action		0.00
## 1003	N/A	Role-Playing		0.00
## 1004	N/A	Misc		0.00
## 1005	2015	Role-Playing	Sony Computer Entertainment	0.00
## 1006	N/A	Action		0.00
## 1007	N/A	Sports		0.00
## 1008	N/A	Action		0.00
## 1009	2017	Action-Adventure	Soedesco	0.00
## 1010	N/A	Action		0.00
## 1011	N/A	Action		0.00
## 1012	N/A	Action		0.00
## 1013	N/A	Action		0.00
## 1014	2019	Action-Adventure	Sony Interactive Entertainment	0.00
## 1015	2016	Action	Tecmo Koei	0.00
## 1016	2016	Platform	PQube	0.00
## 1017	2019	Action	Sony Interactive Entertainment	0.00
## 1018	2016	Sports	Tru Blu Entertainment	0.00
## 1019	2019	Shooter	Bandai Namco Games	0.00
## 1020	N/A	Action		0.00
## 1021	2019	Shooter	Deep Silver	0.00
## 1022	2019	Role-Playing	Electronic Arts	0.00
## 1023	2017	Role-Playing	Unknown	0.00
## 1024	2018	Strategy	Unknown	0.00
## 1025	2018	Action	THQ Nordic	0.00
## 1026	2019	Action	THQ Nordic	0.00
## 1027	2017	Platform	THQ Nordic	0.00
## 1028	2017	Adventure	Daedalic Entertainment	0.00
## 1029	2018	Action	Bandai Namco Entertainment	0.00
## 1030	N/A	Role-Playing		0.00
## 1031	2017	Racing	Tammeka Games	0.00
## 1032	N/A	Action		0.00
## 1033	N/A	Action		0.00
## 1034	N/A	Action		0.00
##		Europe Japan Rest.of.World Global		

## 1	9.71	0.60	3.02	19.39
## 2	6.05	0.41	2.44	15.09
## 3	6.21	0.21	2.26	13.94
## 4	6.21	0.40	2.12	13.40
## 5	8.64	0.15	1.73	11.80
## 6	7.95	0.12	1.61	10.94
## 7	3.93	0.21	1.70	10.33
## 8	3.39	0.32	1.41	8.76
## 9	3.83	0.19	1.36	8.48
## 10	3.97	0.27	1.34	8.48
## 11	5.77	0.07	1.23	8.22
## 12	3.19	0.23	1.30	8.03
## 13	3.34	0.14	1.22	7.53
## 14	3.65	0.29	1.12	7.26
## 15	2.86	0.11	1.10	6.77
## 16	3.13	0.35	0.96	6.33
## 17	4.49	0.05	0.94	6.32
## 18	2.17	0.13	1.02	6.15
## 19	2.43	0.28	0.92	5.82
## 20	2.13	0.16	0.94	5.76
## 21	2.11	0.10	0.94	5.70
## 22	2.82	0.28	0.81	5.39
## 23	1.53	1.05	0.68	5.07
## 24	2.92	0.07	0.74	4.83
## 25	1.06	2.17	0.42	4.67
## 26	1.80	0.17	0.73	4.54
## 27	1.99	0.12	0.73	4.53
## 28	2.04	0.16	0.69	4.37
## 29	2.06	0.36	0.64	4.36
## 30	2.13	0.11	0.68	4.32
## 31	1.64	0.05	0.69	4.17
## 32	2.16	0.09	0.65	4.14
## 33	1.44	0.10	0.69	4.14
## 34	1.68	0.11	0.66	4.11
## 35	2.11	0.11	0.63	4.06
## 36	2.14	0.11	0.63	4.06
## 37	0.66	0.05	0.71	3.98
## 38	1.73	0.15	0.62	3.95
## 39	1.74	0.19	0.62	3.94
## 40	2.35	0.24	0.54	3.77
## 41	2.06	0.08	0.55	3.60
## 42	0.59	0.03	0.63	3.52
## 43	0.94	0.00	0.61	3.49
## 44	2.18	0.12	0.51	3.43
## 45	1.50	0.08	0.54	3.36
## 46	1.74	0.12	0.52	3.36
## 47	0.57	0.04	0.59	3.34
## 48	1.56	0.41	0.46	3.31
## 49	0.31	0.00	0.61	3.30
## 50	0.37	0.00	0.60	3.28
## 51	1.60	0.05	0.51	3.19
## 52	1.55	0.06	0.51	3.19
## 53	1.35	0.22	0.47	3.12
## 54	1.05	0.28	0.48	3.11
## 55	1.15	0.50	0.42	3.04
## 56	1.58	0.08	0.47	3.02

## 57	1.09	0.07	0.50	3.01
## 58	1.48	0.04	0.46	2.92
## 59	1.67	0.04	0.44	2.87
## 60	1.48	0.08	0.44	2.82
## 61	1.61	0.07	0.41	2.73
## 62	1.66	0.06	0.41	2.72
## 63	0.42	0.00	0.47	2.62
## 64	0.55	0.01	0.44	2.49
## 65	0.74	0.13	0.40	2.45
## 66	0.63	0.44	0.34	2.42
## 67	0.97	0.06	0.39	2.38
## 68	1.63	0.02	0.36	2.37
## 69	1.38	0.04	0.36	2.37
## 70	0.80	0.08	0.38	2.34
## 71	0.97	0.04	0.37	2.26
## 72	0.25	0.00	0.41	2.25
## 73	1.18	0.04	0.34	2.18
## 74	0.80	0.05	0.36	2.18
## 75	1.04	0.03	0.35	2.17
## 76	1.40	0.09	0.32	2.16
## 77	0.97	0.14	0.33	2.15
## 78	1.08	0.05	0.32	2.07
## 79	0.93	0.01	0.34	2.06
## 80	0.98	0.00	0.33	2.05
## 81	0.84	0.06	0.33	2.04
## 82	0.22	1.43	0.10	2.04
## 83	1.34	0.00	0.31	2.02
## 84	1.07	0.09	0.30	1.98
## 85	1.02	0.01	0.31	1.97
## 86	1.00	0.01	0.30	1.91
## 87	0.92	0.06	0.30	1.90
## 88	0.77	0.42	0.23	1.88
## 89	0.90	0.11	0.28	1.86
## 90	1.04	0.03	0.27	1.79
## 91	0.51	0.23	0.26	1.75
## 92	0.66	0.07	0.28	1.75
## 93	0.62	0.06	0.28	1.72
## 94	0.54	0.00	0.29	1.72
## 95	0.51	0.42	0.22	1.71
## 96	0.72	0.12	0.26	1.70
## 97	0.34	0.48	0.20	1.64
## 98	0.86	0.07	0.25	1.62
## 99	0.84	0.03	0.25	1.61
## 100	0.67	0.12	0.24	1.57
## 101	0.47	0.12	0.24	1.54
## 102	0.35	0.01	0.27	1.54
## 103	0.74	0.06	0.23	1.51
## 104	0.59	0.14	0.23	1.50
## 105	1.05	0.00	0.23	1.50
## 106	0.67	0.00	0.25	1.49
## 107	0.51	0.12	0.23	1.46
## 108	0.57	0.00	0.24	1.43
## 109	0.72	0.01	0.22	1.39
## 110	0.42	0.12	0.22	1.39
## 111	0.58	0.01	0.22	1.36
## 112	0.67	0.00	0.22	1.33

## 113	0.78	0.02	0.20	1.31
## 114	0.65	0.00	0.21	1.31
## 115	0.58	0.13	0.19	1.29
## 116	0.65	0.00	0.21	1.29
## 117	0.34	0.03	0.22	1.28
## 118	0.76	0.04	0.19	1.28
## 119	0.70	0.00	0.19	1.22
## 120	0.49	0.00	0.20	1.21
## 121	0.50	0.17	0.17	1.20
## 122	0.59	0.05	0.19	1.20
## 123	0.52	0.05	0.19	1.20
## 124	0.25	0.20	0.17	1.20
## 125	0.55	0.14	0.17	1.19
## 126	0.50	0.00	0.20	1.18
## 127	0.56	0.02	0.19	1.18
## 128	0.57	0.00	0.19	1.16
## 129	0.00	0.00	0.22	1.16
## 130	0.72	0.04	0.17	1.14
## 131	0.47	0.01	0.19	1.13
## 132	0.60	0.00	0.18	1.11
## 133	0.43	0.01	0.18	1.11
## 134	0.41	0.16	0.15	1.10
## 135	0.59	0.05	0.16	1.09
## 136	0.00	0.00	0.20	1.06
## 137	0.49	0.09	0.15	1.05
## 138	0.62	0.02	0.16	1.04
## 139	0.33	0.16	0.15	1.04
## 140	0.36	0.20	0.14	1.03
## 141	0.08	0.00	0.19	1.01
## 142	0.60	0.02	0.15	1.01
## 143	0.53	0.01	0.16	1.01
## 144	0.41	0.05	0.16	1.01
## 145	0.35	0.00	0.17	0.98
## 146	0.41	0.01	0.16	0.97
## 147	0.15	0.00	0.17	0.96
## 148	0.00	0.00	0.18	0.96
## 149	0.42	0.00	0.16	0.94
## 150	0.36	0.07	0.14	0.90
## 151	0.31	0.12	0.13	0.89
## 152	0.33	0.02	0.15	0.89
## 153	0.32	0.00	0.15	0.89
## 154	0.68	0.00	0.13	0.88
## 155	0.42	0.00	0.14	0.87
## 156	0.28	0.03	0.14	0.86
## 157	0.41	0.03	0.13	0.85
## 158	0.21	0.00	0.15	0.85
## 159	0.40	0.00	0.14	0.85
## 160	0.52	0.01	0.13	0.85
## 161	0.42	0.05	0.12	0.82
## 162	0.43	0.14	0.10	0.82
## 163	0.29	0.14	0.11	0.81
## 164	0.14	0.39	0.07	0.81
## 165	0.52	0.02	0.12	0.79
## 166	0.23	0.08	0.12	0.79
## 167	0.40	0.02	0.12	0.78
## 168	0.56	0.03	0.11	0.78

## 169	0.36	0.06	0.11	0.78
## 170	0.45	0.12	0.10	0.76
## 171	0.46	0.01	0.12	0.75
## 172	0.36	0.19	0.09	0.75
## 173	0.25	0.00	0.13	0.75
## 174	0.41	0.18	0.09	0.75
## 175	0.37	0.00	0.12	0.74
## 176	0.00	0.00	0.14	0.73
## 177	0.49	0.00	0.11	0.72
## 178	0.34	0.01	0.12	0.72
## 179	0.32	0.01	0.11	0.71
## 180	0.19	0.04	0.11	0.70
## 181	0.23	0.09	0.10	0.69
## 182	0.10	0.38	0.05	0.69
## 183	0.45	0.04	0.10	0.68
## 184	0.31	0.05	0.10	0.68
## 185	0.17	0.00	0.12	0.67
## 186	0.16	0.00	0.12	0.66
## 187	0.30	0.01	0.11	0.66
## 188	0.10	0.26	0.07	0.65
## 189	0.16	0.19	0.08	0.65
## 190	0.26	0.09	0.09	0.65
## 191	0.39	0.01	0.10	0.64
## 192	0.31	0.00	0.10	0.63
## 193	0.39	0.00	0.10	0.62
## 194	0.21	0.09	0.09	0.62
## 195	0.47	0.02	0.09	0.62
## 196	0.19	0.00	0.11	0.62
## 197	0.47	0.00	0.09	0.61
## 198	0.32	0.00	0.10	0.60
## 199	0.42	0.00	0.09	0.59
## 200	0.30	0.03	0.09	0.58
## 201	0.17	0.24	0.06	0.58
## 202	0.32	0.00	0.09	0.57
## 203	0.25	0.11	0.07	0.57
## 204	0.06	0.00	0.10	0.57
## 205	0.16	0.00	0.10	0.57
## 206	0.22	0.17	0.06	0.56
## 207	0.26	0.02	0.09	0.56
## 208	0.25	0.00	0.09	0.56
## 209	0.31	0.01	0.09	0.56
## 210	0.28	0.00	0.09	0.56
## 211	0.24	0.02	0.09	0.55
## 212	0.25	0.00	0.09	0.55
## 213	0.27	0.00	0.09	0.55
## 214	0.35	0.02	0.08	0.55
## 215	0.18	0.00	0.09	0.52
## 216	0.11	0.00	0.09	0.52
## 217	0.22	0.11	0.06	0.52
## 218	0.30	0.00	0.08	0.51
## 219	0.29	0.04	0.07	0.50
## 220	0.24	0.12	0.06	0.50
## 221	0.30	0.02	0.07	0.49
## 222	0.38	0.04	0.06	0.48
## 223	0.12	0.03	0.08	0.48
## 224	0.16	0.00	0.08	0.48

## 225	0.09	0.03	0.08	0.48
## 226	0.26	0.03	0.07	0.48
## 227	0.25	0.02	0.07	0.48
## 228	0.13	0.00	0.08	0.47
## 229	0.09	0.30	0.03	0.47
## 230	0.35	0.00	0.07	0.47
## 231	0.25	0.01	0.07	0.47
## 232	0.18	0.00	0.08	0.47
## 233	0.06	0.16	0.05	0.46
## 234	0.09	0.00	0.08	0.45
## 235	0.07	0.21	0.04	0.45
## 236	0.16	0.04	0.07	0.45
## 237	0.13	0.16	0.05	0.45
## 238	0.21	0.00	0.07	0.44
## 239	0.14	0.00	0.08	0.44
## 240	0.18	0.00	0.07	0.43
## 241	0.23	0.01	0.07	0.43
## 242	0.18	0.03	0.06	0.42
## 243	0.21	0.02	0.06	0.42
## 244	0.19	0.03	0.06	0.42
## 245	0.22	0.00	0.07	0.41
## 246	0.13	0.00	0.07	0.41
## 247	0.06	0.12	0.05	0.41
## 248	0.13	0.00	0.07	0.39
## 249	0.00	0.00	0.07	0.39
## 250	0.12	0.02	0.06	0.39
## 251	0.18	0.08	0.05	0.38
## 252	0.16	0.05	0.05	0.37
## 253	0.18	0.07	0.05	0.37
## 254	0.06	0.19	0.03	0.37
## 255	0.19	0.00	0.06	0.37
## 256	0.12	0.03	0.06	0.36
## 257	0.15	0.03	0.06	0.36
## 258	0.05	0.18	0.03	0.36
## 259	0.11	0.00	0.06	0.36
## 260	0.08	0.07	0.05	0.35
## 261	0.13	0.09	0.04	0.35
## 262	0.05	0.13	0.04	0.35
## 263	0.07	0.09	0.04	0.34
## 264	0.13	0.04	0.05	0.34
## 265	0.02	0.06	0.05	0.34
## 266	0.18	0.00	0.05	0.33
## 267	0.08	0.08	0.04	0.33
## 268	0.17	0.02	0.05	0.33
## 269	0.14	0.00	0.05	0.32
## 270	0.22	0.05	0.04	0.31
## 271	0.13	0.00	0.05	0.31
## 272	0.15	0.01	0.05	0.31
## 273	0.14	0.00	0.05	0.31
## 274	0.10	0.00	0.05	0.31
## 275	0.12	0.06	0.04	0.31
## 276	0.07	0.04	0.05	0.30
## 277	0.21	0.05	0.04	0.30
## 278	0.15	0.00	0.05	0.30
## 279	0.09	0.03	0.05	0.30
## 280	0.03	0.13	0.03	0.29

## 281	0.03	0.02	0.05	0.29
## 282	0.16	0.00	0.05	0.29
## 283	0.18	0.01	0.04	0.29
## 284	0.08	0.03	0.04	0.29
## 285	0.14	0.00	0.05	0.29
## 286	0.12	0.00	0.05	0.28
## 287	0.24	0.00	0.04	0.28
## 288	0.12	0.00	0.05	0.28
## 289	0.03	0.05	0.04	0.28
## 290	0.12	0.05	0.04	0.28
## 291	0.00	0.18	0.02	0.28
## 292	0.05	0.00	0.05	0.27
## 293	0.09	0.02	0.04	0.27
## 294	0.03	0.00	0.05	0.27
## 295	0.09	0.00	0.05	0.27
## 296	0.09	0.01	0.04	0.27
## 297	0.00	0.12	0.03	0.27
## 298	0.00	0.02	0.04	0.26
## 299	0.05	0.07	0.03	0.25
## 300	0.07	0.06	0.03	0.25
## 301	0.07	0.00	0.04	0.25
## 302	0.04	0.00	0.04	0.25
## 303	0.00	0.00	0.05	0.24
## 304	0.13	0.00	0.04	0.24
## 305	0.04	0.08	0.03	0.24
## 306	0.13	0.03	0.03	0.24
## 307	0.12	0.00	0.04	0.24
## 308	0.16	0.00	0.04	0.24
## 309	0.09	0.00	0.04	0.24
## 310	0.10	0.00	0.04	0.24
## 311	0.00	0.24	0.00	0.24
## 312	0.09	0.00	0.04	0.24
## 313	0.05	0.02	0.04	0.24
## 314	0.00	0.00	0.04	0.24
## 315	0.08	0.00	0.04	0.23
## 316	0.09	0.00	0.04	0.23
## 317	0.16	0.00	0.04	0.23
## 318	0.06	0.02	0.04	0.23
## 319	0.11	0.01	0.04	0.23
## 320	0.08	0.03	0.03	0.23
## 321	0.06	0.05	0.03	0.23
## 322	0.15	0.00	0.03	0.23
## 323	0.06	0.02	0.04	0.22
## 324	0.04	0.06	0.03	0.22
## 325	0.07	0.00	0.04	0.22
## 326	0.16	0.00	0.03	0.22
## 327	0.04	0.03	0.03	0.22
## 328	0.13	0.00	0.03	0.22
## 329	0.09	0.00	0.04	0.22
## 330	0.06	0.00	0.04	0.21
## 331	0.02	0.08	0.02	0.21
## 332	0.04	0.08	0.02	0.21
## 333	0.09	0.00	0.04	0.21
## 334	0.05	0.00	0.04	0.21
## 335	0.08	0.00	0.03	0.21
## 336	0.07	0.04	0.03	0.21

## 337	0.07	0.03	0.03	0.21
## 338	0.03	0.03	0.03	0.20
## 339	0.08	0.00	0.03	0.20
## 340	0.08	0.00	0.03	0.20
## 341	0.11	0.00	0.03	0.20
## 342	0.10	0.00	0.03	0.19
## 343	0.16	0.00	0.03	0.19
## 344	0.07	0.03	0.03	0.19
## 345	0.07	0.00	0.03	0.19
## 346	0.08	0.01	0.03	0.19
## 347	0.13	0.04	0.02	0.18
## 348	0.06	0.04	0.02	0.18
## 349	0.00	0.09	0.02	0.18
## 350	0.05	0.00	0.03	0.18
## 351	0.04	0.00	0.03	0.17
## 352	0.00	0.05	0.02	0.17
## 353	0.09	0.06	0.02	0.17
## 354	0.06	0.04	0.02	0.17
## 355	0.00	0.04	0.02	0.17
## 356	0.00	0.00	0.03	0.17
## 357	0.00	0.05	0.02	0.17
## 358	0.08	0.00	0.03	0.17
## 359	0.06	0.01	0.03	0.16
## 360	0.05	0.00	0.03	0.16
## 361	0.07	0.00	0.03	0.16
## 362	0.05	0.04	0.02	0.16
## 363	0.04	0.00	0.03	0.16
## 364	0.04	0.03	0.02	0.16
## 365	0.02	0.05	0.02	0.16
## 366	0.04	0.02	0.02	0.16
## 367	0.02	0.00	0.03	0.16
## 368	0.03	0.07	0.02	0.16
## 369	0.06	0.05	0.02	0.16
## 370	0.02	0.00	0.03	0.15
## 371	0.09	0.00	0.02	0.15
## 372	0.05	0.04	0.02	0.15
## 373	0.00	0.03	0.02	0.15
## 374	0.03	0.07	0.01	0.15
## 375	0.00	0.00	0.03	0.15
## 376	0.00	0.15	0.00	0.15
## 377	0.00	0.10	0.01	0.15
## 378	0.00	0.00	0.03	0.15
## 379	0.00	0.15	0.00	0.15
## 380	0.00	0.06	0.02	0.14
## 381	0.00	0.07	0.01	0.14
## 382	0.00	0.04	0.02	0.14
## 383	0.04	0.06	0.01	0.14
## 384	0.12	0.00	0.02	0.14
## 385	0.04	0.00	0.02	0.14
## 386	0.05	0.00	0.02	0.14
## 387	0.00	0.07	0.01	0.14
## 388	0.04	0.00	0.02	0.14
## 389	0.00	0.00	0.03	0.14
## 390	0.12	0.00	0.02	0.14
## 391	0.06	0.00	0.02	0.14
## 392	0.07	0.00	0.02	0.14

## 393	0.00	0.06	0.01	0.14
## 394	0.02	0.07	0.01	0.13
## 395	0.02	0.00	0.02	0.13
## 396	0.00	0.04	0.02	0.13
## 397	0.00	0.00	0.02	0.13
## 398	0.06	0.00	0.02	0.13
## 399	0.05	0.00	0.02	0.13
## 400	0.06	0.00	0.02	0.13
## 401	0.00	0.02	0.02	0.13
## 402	0.06	0.00	0.02	0.13
## 403	0.00	0.07	0.01	0.13
## 404	0.00	0.13	0.00	0.13
## 405	0.00	0.07	0.01	0.13
## 406	0.05	0.00	0.02	0.13
## 407	0.09	0.00	0.02	0.13
## 408	0.11	0.00	0.02	0.12
## 409	0.03	0.00	0.02	0.12
## 410	0.00	0.00	0.02	0.12
## 411	0.05	0.03	0.01	0.12
## 412	0.01	0.07	0.01	0.12
## 413	0.00	0.02	0.02	0.12
## 414	0.01	0.11	0.00	0.12
## 415	0.00	0.00	0.02	0.12
## 416	0.04	0.00	0.02	0.12
## 417	0.10	0.00	0.02	0.11
## 418	0.00	0.00	0.02	0.11
## 419	0.00	0.00	0.02	0.11
## 420	0.02	0.00	0.02	0.11
## 421	0.00	0.00	0.02	0.11
## 422	0.00	0.00	0.02	0.11
## 423	0.01	0.00	0.02	0.11
## 424	0.00	0.11	0.00	0.11
## 425	0.01	0.06	0.01	0.11
## 426	0.00	0.11	0.00	0.11
## 427	0.07	0.00	0.02	0.11
## 428	0.00	0.11	0.00	0.11
## 429	0.00	0.11	0.00	0.11
## 430	0.00	0.11	0.00	0.11
## 431	0.09	0.00	0.02	0.11
## 432	0.05	0.02	0.01	0.11
## 433	0.00	0.00	0.02	0.11
## 434	0.00	0.00	0.02	0.10
## 435	0.00	0.05	0.01	0.10
## 436	0.04	0.00	0.02	0.10
## 437	0.00	0.06	0.01	0.10
## 438	0.00	0.06	0.01	0.10
## 439	0.00	0.02	0.01	0.10
## 440	0.00	0.02	0.02	0.10
## 441	0.00	0.09	0.00	0.10
## 442	0.03	0.00	0.02	0.10
## 443	0.02	0.02	0.01	0.10
## 444	0.03	0.01	0.02	0.10
## 445	0.03	0.06	0.01	0.10
## 446	0.00	0.00	0.02	0.10
## 447	0.01	0.03	0.01	0.10
## 448	0.08	0.00	0.01	0.10

## 449	0.00	0.00	0.02	0.10
## 450	0.00	0.01	0.02	0.10
## 451	0.00	0.04	0.01	0.09
## 452	0.04	0.00	0.02	0.09
## 453	0.04	0.00	0.02	0.09
## 454	0.00	0.09	0.00	0.09
## 455	0.00	0.06	0.01	0.09
## 456	0.05	0.03	0.01	0.09
## 457	0.08	0.00	0.01	0.09
## 458	0.00	0.00	0.02	0.09
## 459	0.00	0.09	0.00	0.09
## 460	0.00	0.00	0.02	0.09
## 461	0.00	0.05	0.01	0.09
## 462	0.00	0.04	0.01	0.09
## 463	0.00	0.00	0.02	0.09
## 464	0.00	0.00	0.02	0.09
## 465	0.00	0.09	0.00	0.09
## 466	0.07	0.00	0.01	0.09
## 467	0.00	0.09	0.00	0.09
## 468	0.00	0.00	0.02	0.08
## 469	0.02	0.00	0.02	0.08
## 470	0.00	0.01	0.01	0.08
## 471	0.02	0.00	0.01	0.08
## 472	0.02	0.00	0.01	0.08
## 473	0.03	0.00	0.01	0.08
## 474	0.00	0.00	0.02	0.08
## 475	0.02	0.00	0.01	0.08
## 476	0.00	0.00	0.02	0.08
## 477	0.00	0.05	0.01	0.08
## 478	0.00	0.02	0.01	0.08
## 479	0.06	0.01	0.01	0.08
## 480	0.00	0.01	0.01	0.08
## 481	0.02	0.01	0.01	0.08
## 482	0.01	0.02	0.01	0.07
## 483	0.00	0.01	0.01	0.07
## 484	0.00	0.03	0.01	0.07
## 485	0.00	0.05	0.01	0.07
## 486	0.00	0.07	0.00	0.07
## 487	0.00	0.00	0.01	0.07
## 488	0.00	0.07	0.00	0.07
## 489	0.00	0.00	0.01	0.07
## 490	0.00	0.02	0.01	0.07
## 491	0.06	0.00	0.01	0.07
## 492	0.00	0.00	0.01	0.07
## 493	0.00	0.00	0.01	0.07
## 494	0.00	0.01	0.01	0.07
## 495	0.00	0.00	0.01	0.07
## 496	0.00	0.00	0.01	0.07
## 497	0.00	0.07	0.00	0.07
## 498	0.06	0.00	0.01	0.07
## 499	0.00	0.07	0.00	0.07
## 500	0.00	0.02	0.01	0.07
## 501	0.06	0.00	0.01	0.07
## 502	0.05	0.01	0.01	0.07
## 503	0.03	0.00	0.01	0.07
## 504	0.00	0.00	0.01	0.07

## 505	0.00	0.00	0.01	0.07
## 506	0.06	0.00	0.01	0.07
## 507	0.00	0.07	0.00	0.07
## 508	0.04	0.01	0.01	0.07
## 509	0.06	0.00	0.01	0.07
## 510	0.00	0.00	0.01	0.06
## 511	0.00	0.06	0.00	0.06
## 512	0.00	0.00	0.01	0.06
## 513	0.00	0.00	0.01	0.06
## 514	0.00	0.00	0.01	0.06
## 515	0.00	0.00	0.01	0.06
## 516	0.00	0.03	0.01	0.06
## 517	0.05	0.00	0.01	0.06
## 518	0.00	0.00	0.01	0.06
## 519	0.00	0.06	0.00	0.06
## 520	0.00	0.00	0.01	0.06
## 521	0.00	0.06	0.00	0.06
## 522	0.00	0.06	0.00	0.06
## 523	0.00	0.04	0.00	0.06
## 524	0.00	0.00	0.01	0.06
## 525	0.00	0.00	0.01	0.06
## 526	0.00	0.00	0.01	0.06
## 527	0.00	0.00	0.01	0.06
## 528	0.05	0.00	0.01	0.06
## 529	0.00	0.00	0.01	0.06
## 530	0.05	0.00	0.01	0.06
## 531	0.00	0.03	0.00	0.06
## 532	0.00	0.00	0.01	0.06
## 533	0.01	0.00	0.01	0.06
## 534	0.01	0.00	0.01	0.06
## 535	0.02	0.00	0.01	0.06
## 536	0.05	0.00	0.01	0.06
## 537	0.00	0.00	0.01	0.05
## 538	0.00	0.00	0.01	0.05
## 539	0.00	0.00	0.01	0.05
## 540	0.00	0.00	0.01	0.05
## 541	0.01	0.00	0.01	0.05
## 542	0.00	0.00	0.01	0.05
## 543	0.01	0.03	0.00	0.05
## 544	0.00	0.00	0.01	0.05
## 545	0.01	0.04	0.00	0.05
## 546	0.00	0.05	0.00	0.05
## 547	0.04	0.00	0.01	0.05
## 548	0.00	0.00	0.01	0.05
## 549	0.00	0.00	0.01	0.05
## 550	0.00	0.00	0.01	0.05
## 551	0.02	0.00	0.01	0.05
## 552	0.00	0.00	0.01	0.05
## 553	0.00	0.05	0.00	0.05
## 554	0.00	0.05	0.00	0.05
## 555	0.04	0.00	0.01	0.05
## 556	0.00	0.00	0.01	0.05
## 557	0.00	0.00	0.01	0.05
## 558	0.02	0.00	0.01	0.05
## 559	0.00	0.00	0.01	0.05
## 560	0.00	0.00	0.01	0.05

## 561	0.00	0.00	0.01	0.05
## 562	0.00	0.00	0.01	0.05
## 563	0.00	0.00	0.01	0.04
## 564	0.00	0.00	0.01	0.04
## 565	0.00	0.00	0.01	0.04
## 566	0.00	0.00	0.01	0.04
## 567	0.00	0.04	0.00	0.04
## 568	0.00	0.01	0.01	0.04
## 569	0.04	0.00	0.01	0.04
## 570	0.01	0.00	0.01	0.04
## 571	0.00	0.00	0.01	0.04
## 572	0.04	0.00	0.01	0.04
## 573	0.00	0.03	0.00	0.04
## 574	0.00	0.00	0.01	0.04
## 575	0.01	0.00	0.01	0.04
## 576	0.00	0.00	0.01	0.04
## 577	0.02	0.00	0.01	0.04
## 578	0.00	0.00	0.01	0.04
## 579	0.00	0.00	0.01	0.04
## 580	0.03	0.00	0.01	0.04
## 581	0.00	0.03	0.00	0.04
## 582	0.00	0.00	0.01	0.04
## 583	0.00	0.00	0.01	0.04
## 584	0.03	0.00	0.01	0.04
## 585	0.00	0.04	0.00	0.04
## 586	0.00	0.00	0.01	0.04
## 587	0.03	0.00	0.01	0.04
## 588	0.00	0.01	0.01	0.04
## 589	0.01	0.00	0.01	0.04
## 590	0.00	0.00	0.01	0.04
## 591	0.00	0.00	0.01	0.04
## 592	0.00	0.00	0.01	0.04
## 593	0.00	0.00	0.01	0.04
## 594	0.01	0.00	0.01	0.04
## 595	0.00	0.01	0.01	0.04
## 596	0.00	0.00	0.01	0.04
## 597	0.00	0.00	0.01	0.04
## 598	0.00	0.00	0.01	0.04
## 599	0.00	0.04	0.00	0.04
## 600	0.00	0.00	0.01	0.04
## 601	0.00	0.04	0.00	0.04
## 602	0.03	0.00	0.00	0.03
## 603	0.00	0.00	0.01	0.03
## 604	0.03	0.00	0.00	0.03
## 605	0.00	0.00	0.01	0.03
## 606	0.00	0.03	0.00	0.03
## 607	0.00	0.03	0.00	0.03
## 608	0.00	0.03	0.00	0.03
## 609	0.00	0.01	0.00	0.03
## 610	0.00	0.00	0.01	0.03
## 611	0.00	0.03	0.00	0.03
## 612	0.00	0.00	0.01	0.03
## 613	0.00	0.00	0.01	0.03
## 614	0.00	0.01	0.00	0.03
## 615	0.00	0.03	0.00	0.03
## 616	0.00	0.03	0.00	0.03

## 617	0.00	0.00	0.01	0.03
## 618	0.00	0.03	0.00	0.03
## 619	0.02	0.00	0.00	0.03
## 620	0.00	0.03	0.00	0.03
## 621	0.00	0.00	0.01	0.03
## 622	0.00	0.00	0.01	0.03
## 623	0.00	0.00	0.01	0.03
## 624	0.00	0.03	0.00	0.03
## 625	0.00	0.00	0.01	0.03
## 626	0.00	0.00	0.01	0.03
## 627	0.00	0.03	0.00	0.03
## 628	0.00	0.00	0.01	0.03
## 629	0.00	0.00	0.01	0.03
## 630	0.00	0.03	0.00	0.03
## 631	0.02	0.00	0.00	0.03
## 632	0.00	0.03	0.00	0.03
## 633	0.00	0.00	0.00	0.03
## 634	0.00	0.00	0.00	0.03
## 635	0.00	0.03	0.00	0.03
## 636	0.00	0.00	0.00	0.03
## 637	0.00	0.00	0.00	0.03
## 638	0.00	0.02	0.00	0.03
## 639	0.00	0.00	0.00	0.03
## 640	0.00	0.02	0.00	0.02
## 641	0.02	0.00	0.00	0.02
## 642	0.00	0.02	0.00	0.02
## 643	0.00	0.02	0.00	0.02
## 644	0.00	0.00	0.00	0.02
## 645	0.01	0.01	0.00	0.02
## 646	0.02	0.00	0.00	0.02
## 647	0.00	0.00	0.00	0.02
## 648	0.00	0.02	0.00	0.02
## 649	0.00	0.02	0.00	0.02
## 650	0.00	0.02	0.00	0.02
## 651	0.00	0.00	0.00	0.02
## 652	0.00	0.00	0.00	0.02
## 653	0.00	0.00	0.00	0.02
## 654	0.00	0.00	0.00	0.02
## 655	0.00	0.02	0.00	0.02
## 656	0.00	0.00	0.00	0.02
## 657	0.00	0.00	0.00	0.02
## 658	0.00	0.00	0.00	0.02
## 659	0.00	0.00	0.00	0.02
## 660	0.00	0.02	0.00	0.02
## 661	0.00	0.02	0.00	0.02
## 662	0.02	0.00	0.00	0.02
## 663	0.00	0.02	0.00	0.02
## 664	0.00	0.00	0.00	0.02
## 665	0.00	0.00	0.00	0.02
## 666	0.00	0.02	0.00	0.02
## 667	0.00	0.02	0.00	0.02
## 668	0.00	0.02	0.00	0.02
## 669	0.00	0.02	0.00	0.02
## 670	0.00	0.00	0.00	0.02
## 671	0.01	0.00	0.00	0.02
## 672	0.00	0.00	0.00	0.02

## 673	0.00	0.02	0.00	0.02
## 674	0.00	0.02	0.00	0.02
## 675	0.00	0.00	0.00	0.02
## 676	0.01	0.00	0.00	0.02
## 677	0.00	0.00	0.00	0.02
## 678	0.01	0.01	0.00	0.02
## 679	0.00	0.00	0.00	0.01
## 680	0.01	0.01	0.00	0.01
## 681	0.00	0.01	0.00	0.01
## 682	0.01	0.00	0.00	0.01
## 683	0.00	0.01	0.00	0.01
## 684	0.00	0.01	0.00	0.01
## 685	0.00	0.01	0.00	0.01
## 686	0.00	0.00	0.00	0.01
## 687	0.00	0.01	0.00	0.01
## 688	0.00	0.01	0.00	0.01
## 689	0.00	0.01	0.00	0.01
## 690	0.00	0.01	0.00	0.01
## 691	0.00	0.01	0.00	0.01
## 692	0.01	0.00	0.00	0.01
## 693	0.00	0.01	0.00	0.01
## 694	0.01	0.00	0.00	0.01
## 695	0.00	0.00	0.00	0.01
## 696	0.01	0.00	0.00	0.01
## 697	0.00	0.01	0.00	0.01
## 698	0.00	0.00	0.00	0.01
## 699	0.00	0.01	0.00	0.01
## 700	0.00	0.00	0.00	0.01
## 701	0.00	0.01	0.00	0.01
## 702	0.01	0.00	0.00	0.01
## 703	0.00	0.01	0.00	0.01
## 704	0.00	0.01	0.00	0.01
## 705	0.00	0.00	0.00	0.01
## 706	0.00	0.01	0.00	0.01
## 707	0.00	0.01	0.00	0.01
## 708	0.00	0.01	0.00	0.01
## 709	0.01	0.00	0.00	0.01
## 710	0.00	0.01	0.00	0.01
## 711	0.00	0.00	0.00	0.01
## 712	0.00	0.00	0.00	0.01
## 713	0.00	0.00	0.00	0.00
## 714	0.00	0.00	0.00	0.00
## 715	0.00	0.00	0.00	0.00
## 716	0.00	0.00	0.00	0.00
## 717	0.00	0.00	0.00	0.00
## 718	0.00	0.00	0.00	0.00
## 719	0.00	0.00	0.00	0.00
## 720	0.00	0.00	0.00	0.00
## 721	0.00	0.00	0.00	0.00
## 722	0.00	0.00	0.00	0.00
## 723	0.00	0.00	0.00	0.00
## 724	0.00	0.00	0.00	0.00
## 725	0.00	0.00	0.00	0.00
## 726	0.00	0.00	0.00	0.00
## 727	0.00	0.00	0.00	0.00
## 728	0.00	0.00	0.00	0.00

## 729	0.00	0.00	0.00	0.00
## 730	0.00	0.00	0.00	0.00
## 731	0.00	0.00	0.00	0.00
## 732	0.00	0.00	0.00	0.00
## 733	0.00	0.00	0.00	0.00
## 734	0.00	0.00	0.00	0.00
## 735	0.00	0.00	0.00	0.00
## 736	0.00	0.00	0.00	0.00
## 737	0.00	0.00	0.00	0.00
## 738	0.00	0.00	0.00	0.00
## 739	0.00	0.00	0.00	0.00
## 740	0.00	0.00	0.00	0.00
## 741	0.00	0.00	0.00	0.00
## 742	0.00	0.00	0.00	0.00
## 743	0.00	0.00	0.00	0.00
## 744	0.00	0.00	0.00	0.00
## 745	0.00	0.00	0.00	0.00
## 746	0.00	0.00	0.00	0.00
## 747	0.00	0.00	0.00	0.00
## 748	0.00	0.00	0.00	0.00
## 749	0.00	0.00	0.00	0.00
## 750	0.00	0.00	0.00	0.00
## 751	0.00	0.00	0.00	0.00
## 752	0.00	0.00	0.00	0.00
## 753	0.00	0.00	0.00	0.00
## 754	0.00	0.00	0.00	0.00
## 755	0.00	0.00	0.00	0.00
## 756	0.00	0.00	0.00	0.00
## 757	0.00	0.00	0.00	0.00
## 758	0.00	0.00	0.00	0.00
## 759	0.00	0.00	0.00	0.00
## 760	0.00	0.00	0.00	0.00
## 761	0.00	0.00	0.00	0.00
## 762	0.00	0.00	0.00	0.00
## 763	0.00	0.00	0.00	0.00
## 764	0.00	0.00	0.00	0.00
## 765	0.00	0.00	0.00	0.00
## 766	0.00	0.00	0.00	0.00
## 767	0.00	0.00	0.00	0.00
## 768	0.00	0.00	0.00	0.00
## 769	0.00	0.00	0.00	0.00
## 770	0.00	0.00	0.00	0.00
## 771	0.00	0.00	0.00	0.00
## 772	0.00	0.00	0.00	0.00
## 773	0.00	0.00	0.00	0.00
## 774	0.00	0.00	0.00	0.00
## 775	0.00	0.00	0.00	0.00
## 776	0.00	0.00	0.00	0.00
## 777	0.00	0.00	0.00	0.00
## 778	0.00	0.00	0.00	0.00
## 779	0.00	0.00	0.00	0.00
## 780	0.00	0.00	0.00	0.00
## 781	0.00	0.00	0.00	0.00
## 782	0.00	0.00	0.00	0.00
## 783	0.00	0.00	0.00	0.00
## 784	0.00	0.00	0.00	0.00

## 785	0.00	0.00	0.00	0.00
## 786	0.00	0.00	0.00	0.00
## 787	0.00	0.00	0.00	0.00
## 788	0.00	0.00	0.00	0.00
## 789	0.00	0.00	0.00	0.00
## 790	0.00	0.00	0.00	0.00
## 791	0.00	0.00	0.00	0.00
## 792	0.00	0.00	0.00	0.00
## 793	0.00	0.00	0.00	0.00
## 794	0.00	0.00	0.00	0.00
## 795	0.00	0.00	0.00	0.00
## 796	0.00	0.00	0.00	0.00
## 797	0.00	0.00	0.00	0.00
## 798	0.00	0.00	0.00	0.00
## 799	0.00	0.00	0.00	0.00
## 800	0.00	0.00	0.00	0.00
## 801	0.00	0.00	0.00	0.00
## 802	0.00	0.00	0.00	0.00
## 803	0.00	0.00	0.00	0.00
## 804	0.00	0.00	0.00	0.00
## 805	0.00	0.00	0.00	0.00
## 806	0.00	0.00	0.00	0.00
## 807	0.00	0.00	0.00	0.00
## 808	0.00	0.00	0.00	0.00
## 809	0.00	0.00	0.00	0.00
## 810	0.00	0.00	0.00	0.00
## 811	0.00	0.00	0.00	0.00
## 812	0.00	0.00	0.00	0.00
## 813	0.00	0.00	0.00	0.00
## 814	0.00	0.00	0.00	0.00
## 815	0.00	0.00	0.00	0.00
## 816	0.00	0.00	0.00	0.00
## 817	0.00	0.00	0.00	0.00
## 818	0.00	0.00	0.00	0.00
## 819	0.00	0.00	0.00	0.00
## 820	0.00	0.00	0.00	0.00
## 821	0.00	0.00	0.00	0.00
## 822	0.00	0.00	0.00	0.00
## 823	0.00	0.00	0.00	0.00
## 824	0.00	0.00	0.00	0.00
## 825	0.00	0.00	0.00	0.00
## 826	0.00	0.00	0.00	0.00
## 827	0.00	0.00	0.00	0.00
## 828	0.00	0.00	0.00	0.00
## 829	0.00	0.00	0.00	0.00
## 830	0.00	0.00	0.00	0.00
## 831	0.00	0.00	0.00	0.00
## 832	0.00	0.00	0.00	0.00
## 833	0.00	0.00	0.00	0.00
## 834	0.00	0.00	0.00	0.00
## 835	0.00	0.00	0.00	0.00
## 836	0.00	0.00	0.00	0.00
## 837	0.00	0.00	0.00	0.00
## 838	0.00	0.00	0.00	0.00
## 839	0.00	0.00	0.00	0.00
## 840	0.00	0.00	0.00	0.00

## 841	0.00	0.00	0.00	0.00
## 842	0.00	0.00	0.00	0.00
## 843	0.00	0.00	0.00	0.00
## 844	0.00	0.00	0.00	0.00
## 845	0.00	0.00	0.00	0.00
## 846	0.00	0.00	0.00	0.00
## 847	0.00	0.00	0.00	0.00
## 848	0.00	0.00	0.00	0.00
## 849	0.00	0.00	0.00	0.00
## 850	0.00	0.00	0.00	0.00
## 851	0.00	0.00	0.00	0.00
## 852	0.00	0.00	0.00	0.00
## 853	0.00	0.00	0.00	0.00
## 854	0.00	0.00	0.00	0.00
## 855	0.00	0.00	0.00	0.00
## 856	0.00	0.00	0.00	0.00
## 857	0.00	0.00	0.00	0.00
## 858	0.00	0.00	0.00	0.00
## 859	0.00	0.00	0.00	0.00
## 860	0.00	0.00	0.00	0.00
## 861	0.00	0.00	0.00	0.00
## 862	0.00	0.00	0.00	0.00
## 863	0.00	0.00	0.00	0.00
## 864	0.00	0.00	0.00	0.00
## 865	0.00	0.00	0.00	0.00
## 866	0.00	0.00	0.00	0.00
## 867	0.00	0.00	0.00	0.00
## 868	0.00	0.00	0.00	0.00
## 869	0.00	0.00	0.00	0.00
## 870	0.00	0.00	0.00	0.00
## 871	0.00	0.00	0.00	0.00
## 872	0.00	0.00	0.00	0.00
## 873	0.00	0.00	0.00	0.00
## 874	0.00	0.00	0.00	0.00
## 875	0.00	0.00	0.00	0.00
## 876	0.00	0.00	0.00	0.00
## 877	0.00	0.00	0.00	0.00
## 878	0.00	0.00	0.00	0.00
## 879	0.00	0.00	0.00	0.00
## 880	0.00	0.00	0.00	0.00
## 881	0.00	0.00	0.00	0.00
## 882	0.00	0.00	0.00	0.00
## 883	0.00	0.00	0.00	0.00
## 884	0.00	0.00	0.00	0.00
## 885	0.00	0.00	0.00	0.00
## 886	0.00	0.00	0.00	0.00
## 887	0.00	0.00	0.00	0.00
## 888	0.00	0.00	0.00	0.00
## 889	0.00	0.00	0.00	0.00
## 890	0.00	0.00	0.00	0.00
## 891	0.00	0.00	0.00	0.00
## 892	0.00	0.00	0.00	0.00
## 893	0.00	0.00	0.00	0.00
## 894	0.00	0.00	0.00	0.00
## 895	0.00	0.00	0.00	0.00
## 896	0.00	0.00	0.00	0.00

## 897	0.00	0.00	0.00	0.00
## 898	0.00	0.00	0.00	0.00
## 899	0.00	0.00	0.00	0.00
## 900	0.00	0.00	0.00	0.00
## 901	0.00	0.00	0.00	0.00
## 902	0.00	0.00	0.00	0.00
## 903	0.00	0.00	0.00	0.00
## 904	0.00	0.00	0.00	0.00
## 905	0.00	0.00	0.00	0.00
## 906	0.00	0.00	0.00	0.00
## 907	0.00	0.00	0.00	0.00
## 908	0.00	0.00	0.00	0.00
## 909	0.00	0.00	0.00	0.00
## 910	0.00	0.00	0.00	0.00
## 911	0.00	0.00	0.00	0.00
## 912	0.00	0.00	0.00	0.00
## 913	0.00	0.00	0.00	0.00
## 914	0.00	0.00	0.00	0.00
## 915	0.00	0.00	0.00	0.00
## 916	0.00	0.00	0.00	0.00
## 917	0.00	0.00	0.00	0.00
## 918	0.00	0.00	0.00	0.00
## 919	0.00	0.00	0.00	0.00
## 920	0.00	0.00	0.00	0.00
## 921	0.00	0.00	0.00	0.00
## 922	0.00	0.00	0.00	0.00
## 923	0.00	0.00	0.00	0.00
## 924	0.00	0.00	0.00	0.00
## 925	0.00	0.00	0.00	0.00
## 926	0.00	0.00	0.00	0.00
## 927	0.00	0.00	0.00	0.00
## 928	0.00	0.00	0.00	0.00
## 929	0.00	0.00	0.00	0.00
## 930	0.00	0.00	0.00	0.00
## 931	0.00	0.00	0.00	0.00
## 932	0.00	0.00	0.00	0.00
## 933	0.00	0.00	0.00	0.00
## 934	0.00	0.00	0.00	0.00
## 935	0.00	0.00	0.00	0.00
## 936	0.00	0.00	0.00	0.00
## 937	0.00	0.00	0.00	0.00
## 938	0.00	0.00	0.00	0.00
## 939	0.00	0.00	0.00	0.00
## 940	0.00	0.00	0.00	0.00
## 941	0.00	0.00	0.00	0.00
## 942	0.00	0.00	0.00	0.00
## 943	0.00	0.00	0.00	0.00
## 944	0.00	0.00	0.00	0.00
## 945	0.00	0.00	0.00	0.00
## 946	0.00	0.00	0.00	0.00
## 947	0.00	0.00	0.00	0.00
## 948	0.00	0.00	0.00	0.00
## 949	0.00	0.00	0.00	0.00
## 950	0.00	0.00	0.00	0.00
## 951	0.00	0.00	0.00	0.00
## 952	0.00	0.00	0.00	0.00

## 953	0.00	0.00	0.00	0.00
## 954	0.00	0.00	0.00	0.00
## 955	0.00	0.00	0.00	0.00
## 956	0.00	0.00	0.00	0.00
## 957	0.00	0.00	0.00	0.00
## 958	0.00	0.00	0.00	0.00
## 959	0.00	0.00	0.00	0.00
## 960	0.00	0.00	0.00	0.00
## 961	0.00	0.00	0.00	0.00
## 962	0.00	0.00	0.00	0.00
## 963	0.00	0.00	0.00	0.00
## 964	0.00	0.00	0.00	0.00
## 965	0.00	0.00	0.00	0.00
## 966	0.00	0.00	0.00	0.00
## 967	0.00	0.00	0.00	0.00
## 968	0.00	0.00	0.00	0.00
## 969	0.00	0.00	0.00	0.00
## 970	0.00	0.00	0.00	0.00
## 971	0.00	0.00	0.00	0.00
## 972	0.00	0.00	0.00	0.00
## 973	0.00	0.00	0.00	0.00
## 974	0.00	0.00	0.00	0.00
## 975	0.00	0.00	0.00	0.00
## 976	0.00	0.00	0.00	0.00
## 977	0.00	0.00	0.00	0.00
## 978	0.00	0.00	0.00	0.00
## 979	0.00	0.00	0.00	0.00
## 980	0.00	0.00	0.00	0.00
## 981	0.00	0.00	0.00	0.00
## 982	0.00	0.00	0.00	0.00
## 983	0.00	0.00	0.00	0.00
## 984	0.00	0.00	0.00	0.00
## 985	0.00	0.00	0.00	0.00
## 986	0.00	0.00	0.00	0.00
## 987	0.00	0.00	0.00	0.00
## 988	0.00	0.00	0.00	0.00
## 989	0.00	0.00	0.00	0.00
## 990	0.00	0.00	0.00	0.00
## 991	0.00	0.00	0.00	0.00
## 992	0.00	0.00	0.00	0.00
## 993	0.00	0.00	0.00	0.00
## 994	0.00	0.00	0.00	0.00
## 995	0.00	0.00	0.00	0.00
## 996	0.00	0.00	0.00	0.00
## 997	0.00	0.00	0.00	0.00
## 998	0.00	0.00	0.00	0.00
## 999	0.00	0.00	0.00	0.00
## 1000	0.00	0.00	0.00	0.00
## 1001	0.00	0.00	0.00	0.00
## 1002	0.00	0.00	0.00	0.00
## 1003	0.00	0.00	0.00	0.00
## 1004	0.00	0.00	0.00	0.00
## 1005	0.00	0.00	0.00	0.00
## 1006	0.00	0.00	0.00	0.00
## 1007	0.00	0.00	0.00	0.00
## 1008	0.00	0.00	0.00	0.00


```
## 1009 0.00 0.00 0.00 0.00
## 1010 0.00 0.00 0.00 0.00
## 1011 0.00 0.00 0.00 0.00
## 1012 0.00 0.00 0.00 0.00
## 1013 0.00 0.00 0.00 0.00
## 1014 0.00 0.00 0.00 0.00
## 1015 0.00 0.00 0.00 0.00
## 1016 0.00 0.00 0.00 0.00
## 1017 0.00 0.00 0.00 0.00
## 1018 0.00 0.00 0.00 0.00
## 1019 0.00 0.00 0.00 0.00
## 1020 0.00 0.00 0.00 0.00
## 1021 0.00 0.00 0.00 0.00
## 1022 0.00 0.00 0.00 0.00
## 1023 0.00 0.00 0.00 0.00
## 1024 0.00 0.00 0.00 0.00
## 1025 0.00 0.00 0.00 0.00
## 1026 0.00 0.00 0.00 0.00
## 1027 0.00 0.00 0.00 0.00
## 1028 0.00 0.00 0.00 0.00
## 1029 0.00 0.00 0.00 0.00
## 1030 0.00 0.00 0.00 0.00
## 1031 0.00 0.00 0.00 0.00
## 1032 0.00 0.00 0.00 0.00
## 1033 0.00 0.00 0.00 0.00
## 1034 0.00 0.00 0.00 0.00
```

#part 2**-descriptive statistics for quantitative variables

```
summary(a)
```

```
##      Game      Year      Genre      Publisher
## Length:1034  Length:1034  Length:1034  Length:1034
## Class :character  Class :character  Class :character  Class :character
## Mode  :character  Mode  :character  Mode  :character  Mode  :character
##
##
##
## North.America      Europe      Japan      Rest.of.World
## Min.   :0.0000  Min.   :0.0000  Min.   :0.00000  Min.   :0.00000
## 1st Qu.:0.0000  1st Qu.:0.0000  1st Qu.:0.00000  1st Qu.:0.00000
## Median :0.0200  Median :0.0000  Median :0.00000  Median :0.01000
## Mean   :0.2046  Mean   :0.2487  Mean   :0.03364  Mean   :0.08901
## 3rd Qu.:0.1200  3rd Qu.:0.1300  3rd Qu.:0.03000  3rd Qu.:0.05000
## Max.    :6.1800  Max.    :9.7100  Max.    :2.17000  Max.    :3.02000
##      Global
## Min.   : 0.0000
## 1st Qu.: 0.0000
## Median : 0.0600
## Mean   : 0.5761
## 3rd Qu.: 0.3575
## Max.    :19.3900
```

```
mean(a$Global)
```

```
## [1] 0.5760542
```

T

```
median(a$Global)
```

```
## [1] 0.06
```

T

```
sum(a$Global)
```

```
## [1] 595.64
```

```
sd(a$Global)
```

```
## [1] 1.583534
```

```
var(a$Global)
```

```
## [1] 2.507579
```

```
max(a$Global)
```

```
## [1] 19.39
```

```
min(a$Global)
```

```
## [1] 0
```

```
str(a$Global)
```

```
## num [1:1034] 19.4 15.1 13.9 13.4 11.8 ...
```

#part3 **-descriptive statistics for categorical variables

```
table(a$Genre)
```

##				
##	Action	Action-Adventure	Adventure	Fighting
##	258	40	97	35
##	Misc	MMO	Music	Party
##	123	8	19	2
##	Platform	Puzzle	Racing	Role-Playing
##	46	16	48	123
##	Shooter	Simulation	Sports	Strategy
##	89	23	71	28
##	Visual Novel			
##	8			

a\$Genre

##	[1]	"Action"	"Shooter"	"Action-Adventure"
##	[4]	"Shooter"	"Sports"	"Sports"
##	[7]	"Action"	"Action-Adventure"	"Shooter"
##	[10]	"Role-Playing"	"Sports"	"Shooter"
##	[13]	"Shooter"	"Shooter"	"Action-Adventure"
##	[16]	"Misc"	"Sports"	"Action"
##	[19]	"Action"	"Shooter"	"Action"
##	[22]	"Role-Playing"	"Role-Playing"	"Platform"
##	[25]	"Action"	"Shooter"	"Shooter"
##	[28]	"Shooter"	"Shooter"	"Action-Adventure"
##	[31]	"Shooter"	"Action"	"Shooter"
##	[34]	"Action"	"Action"	"Shooter"
##	[37]	"Sports"	"Action"	"Shooter"
##	[40]	"Racing"	"Action"	"Sports"
##	[43]	"Fighting"	"Sports"	"Role-Playing"
##	[46]	"Action"	"Sports"	"Action"
##	[49]	"Sports"	"Sports"	"Action"
##	[52]	"Action-Adventure"	"Shooter"	"Role-Playing"
##	[55]	"Action"	"Shooter"	"Action-Adventure"
##	[58]	"Shooter"	"Action-Adventure"	"Role-Playing"
##	[61]	"Action-Adventure"	"Racing"	"Sports"
##	[64]	"Sports"	"Action"	"Role-Playing"
##	[67]	"Platform"	"Racing"	"Action"
##	[70]	"Role-Playing"	"Action-Adventure"	"Sports"
##	[73]	"Racing"	"Shooter"	"Racing"
##	[76]	"Misc"	"Shooter"	"Adventure"
##	[79]	"Platform"	"MMO"	"Action"
##	[82]	"Role-Playing"	"Sports"	"Action-Adventure"
##	[85]	"Action"	"Action"	"Adventure"
##	[88]	"Platform"	"Action"	"Racing"
##	[91]	"Role-Playing"	"Action"	"Shooter"
##	[94]	"Fighting"	"Role-Playing"	"Fighting"
##	[97]	"Role-Playing"	"Shooter"	"Shooter"
##	[100]	"Adventure"	"Fighting"	"Sports"
##	[103]	"Action-Adventure"	"Action"	"Platform"
##	[106]	"Role-Playing"	"Fighting"	"Role-Playing"
##	[109]	"Simulation"	"Fighting"	"Shooter"
##	[112]	"Sports"	"Action-Adventure"	"Sports"
##	[115]	"Action-Adventure"	"Sports"	"Shooter"
##	[118]	"Racing"	"Sports"	"Music"
##	[121]	"Action-Adventure"	"Action"	"Action-Adventure"
##	[124]	"Role-Playing"	"Fighting"	"Action"
##	[127]	"Action"	"Sports"	"Sports"
##	[130]	"Misc"	"Role-Playing"	"Action"
##	[133]	"Fighting"	"Role-Playing"	"Adventure"
##	[136]	"Sports"	"Action"	"Shooter"
##	[139]	"Role-Playing"	"Action"	"Sports"
##	[142]	"Sports"	"Action"	"Shooter"
##	[145]	"Fighting"	"Sports"	"Sports"
##	[148]	"Sports"	"Action"	"Role-Playing"
##	[151]	"Role-Playing"	"Action"	"Action"
##	[154]	"Action"	"Adventure"	"Shooter"
##	[157]	"Action"	"Shooter"	"Action"
##	[160]	"Simulation"	"Racing"	"Sports"
##	[163]	"Action"	"Action"	"Action"

##	[166]	"MMO"	"Shooter"	"Racing"
##	[169]	"Action"	"Sports"	"Platform"
##	[172]	"Sports"	"Action-Adventure"	"Sports"
##	[175]	"Shooter"	"Sports"	"Racing"
##	[178]	"Role-Playing"	"Action-Adventure"	"Fighting"
##	[181]	"Role-Playing"	"Adventure"	"Racing"
##	[184]	"Shooter"	"Music"	"Sports"
##	[187]	"Shooter"	"Role-Playing"	"Adventure"
##	[190]	"Fighting"	"Action"	"Shooter"
##	[193]	"Action-Adventure"	"Role-Playing"	"Racing"
##	[196]	"Sports"	"Party"	"Adventure"
##	[199]	"Adventure"	"Shooter"	"Role-Playing"
##	[202]	"Action"	"Action"	"Music"
##	[205]	"Sports"	"Sports"	"Action-Adventure"
##	[208]	"Shooter"	"Platform"	"Role-Playing"
##	[211]	"Role-Playing"	"Shooter"	"Sports"
##	[214]	"Racing"	"Platform"	"Sports"
##	[217]	"Action"	"Racing"	"Shooter"
##	[220]	"Action"	"Racing"	"Shooter"
##	[223]	"Shooter"	"Action"	"Action"
##	[226]	"Adventure"	"Shooter"	"Action"
##	[229]	"Action"	"Racing"	"Platform"
##	[232]	"Music"	"Fighting"	"Action-Adventure"
##	[235]	"Adventure"	"Role-Playing"	"Role-Playing"
##	[238]	"Action"	"Misc"	"Platform"
##	[241]	"Misc"	"Action"	"Action"
##	[244]	"Platform"	"Simulation"	"Music"
##	[247]	"Role-Playing"	"Music"	"Action"
##	[250]	"Platform"	"Simulation"	"Adventure"
##	[253]	"Action-Adventure"	"Action"	"Role-Playing"
##	[256]	"Action"	"Shooter"	"Action"
##	[259]	"Role-Playing"	"Role-Playing"	"Fighting"
##	[262]	"Action-Adventure"	"Role-Playing"	"Role-Playing"
##	[265]	"Fighting"	"Action"	"Role-Playing"
##	[268]	"Action-Adventure"	"Shooter"	"Sports"
##	[271]	"Action"	"Platform"	"Fighting"
##	[274]	"Strategy"	"Misc"	"Simulation"
##	[277]	"Fighting"	"Music"	"Misc"
##	[280]	"Role-Playing"	"Action"	"Platform"
##	[283]	"Racing"	"Action"	"Adventure"
##	[286]	"Action"	"Action"	"Simulation"
##	[289]	"Action"	"Role-Playing"	"Action"
##	[292]	"Sports"	"Shooter"	"Shooter"
##	[295]	"Action-Adventure"	"Racing"	"Action"
##	[298]	"Fighting"	"Adventure"	"Fighting"
##	[301]	"Action"	"Sports"	"Sports"
##	[304]	"Platform"	"Role-Playing"	"Racing"
##	[307]	"Misc"	"Action"	"Action"
##	[310]	"Action-Adventure"	"Sports"	"MMO"
##	[313]	"Role-Playing"	"Shooter"	"Sports"
##	[316]	"Puzzle"	"Role-Playing"	"Action"
##	[319]	"Shooter"	"Action"	"Action"
##	[322]	"Music"	"Action"	"Action"
##	[325]	"Adventure"	"Racing"	"Action"
##	[328]	"Shooter"	"Action"	"Shooter"
##	[331]	"Action"	"Role-Playing"	"Action"

## [334]	"Sports"	"Action"	"Misc"
## [337]	"Role-Playing"	"Action"	"Adventure"
## [340]	"Action"	"Racing"	"Simulation"
## [343]	"Music"	"Action"	"Adventure"
## [346]	"Action"	"Racing"	"Action"
## [349]	"Action"	"Adventure"	"Adventure"
## [352]	"Shooter"	"MMO"	"MMO"
## [355]	"Fighting"	"Action"	"Fighting"
## [358]	"Racing"	"Racing"	"Action-Adventure"
## [361]	"Platform"	"Role-Playing"	"Action"
## [364]	"Fighting"	"Action"	"Fighting"
## [367]	"Role-Playing"	"Role-Playing"	"Action-Adventure"
## [370]	"Visual Novel"	"Adventure"	"Action"
## [373]	"Role-Playing"	"Role-Playing"	"Racing"
## [376]	"Adventure"	"Action"	"Action"
## [379]	"Role-Playing"	"Role-Playing"	"Role-Playing"
## [382]	"Role-Playing"	"Action"	"Sports"
## [385]	"Platform"	"Action"	"Fighting"
## [388]	"Action-Adventure"	"Music"	"Racing"
## [391]	"Racing"	"Racing"	"Role-Playing"
## [394]	"Action"	"Sports"	"Music"
## [397]	"Racing"	"Shooter"	"Racing"
## [400]	"Sports"	"Action"	"Sports"
## [403]	"Visual Novel"	"Role-Playing"	"Adventure"
## [406]	"Action"	"Sports"	"Role-Playing"
## [409]	"Action"	"Simulation"	"Role-Playing"
## [412]	"Action"	"Adventure"	"Role-Playing"
## [415]	"Misc"	"Adventure"	"Role-Playing"
## [418]	"Strategy"	"Adventure"	"Action-Adventure"
## [421]	"Platform"	"Adventure"	"Racing"
## [424]	"Simulation"	"Role-Playing"	"Strategy"
## [427]	"Adventure"	"Misc"	"Action"
## [430]	"Shooter"	"Shooter"	"Action"
## [433]	"Platform"	"Action"	"Role-Playing"
## [436]	"Simulation"	"Action"	"Action"
## [439]	"Action"	"MMO"	"Action"
## [442]	"Puzzle"	"Role-Playing"	"Strategy"
## [445]	"Action"	"Shooter"	"Fighting"
## [448]	"Fighting"	"Music"	"Action-Adventure"
## [451]	"Action"	"Role-Playing"	"Action"
## [454]	"Music"	"Strategy"	"Strategy"
## [457]	"Sports"	"Action"	"Action"
## [460]	"Action"	"Role-Playing"	"Role-Playing"
## [463]	"Shooter"	"Racing"	"Role-Playing"
## [466]	"Action"	"Role-Playing"	"Action"
## [469]	"Adventure"	"Platform"	"Shooter"
## [472]	"Adventure"	"Action"	"Misc"
## [475]	"Adventure"	"Simulation"	"Role-Playing"
## [478]	"Action"	"Racing"	"Action"
## [481]	"Racing"	"Role-Playing"	"Action"
## [484]	"Role-Playing"	"Action"	"Role-Playing"
## [487]	"Action"	"Misc"	"Action"
## [490]	"Action"	"Adventure"	"Shooter"
## [493]	"Adventure"	"Visual Novel"	"Shooter"
## [496]	"Racing"	"Action"	"Simulation"
## [499]	"Action-Adventure"	"Action"	"Adventure"

## [502]	"Action"	"Action"	"Adventure"
## [505]	"Misc"	"Action"	"Adventure"
## [508]	"Action"	"Role-Playing"	"Sports"
## [511]	"Sports"	"Misc"	"Sports"
## [514]	"Misc"	"Adventure"	"Role-Playing"
## [517]	"Sports"	"Racing"	"Role-Playing"
## [520]	"Action"	"Strategy"	"Role-Playing"
## [523]	"Action"	"Adventure"	"Misc"
## [526]	"Adventure"	"Action"	"Sports"
## [529]	"Action"	"Sports"	"Role-Playing"
## [532]	"Adventure"	"Action"	"Strategy"
## [535]	"Role-Playing"	"Racing"	"Adventure"
## [538]	"Action"	"Role-Playing"	"Shooter"
## [541]	"Action-Adventure"	"Platform"	"Fighting"
## [544]	"Strategy"	"Role-Playing"	"Role-Playing"
## [547]	"Action"	"Misc"	"Role-Playing"
## [550]	"Simulation"	"Strategy"	"Adventure"
## [553]	"Action"	"Action"	"Racing"
## [556]	"Adventure"	"Racing"	"Simulation"
## [559]	"Shooter"	"Adventure"	"Action"
## [562]	"Action"	"Shooter"	"Shooter"
## [565]	"Party"	"Shooter"	"Role-Playing"
## [568]	"Adventure"	"Sports"	"Action"
## [571]	"Platform"	"Puzzle"	"Role-Playing"
## [574]	"Sports"	"Simulation"	"Simulation"
## [577]	"Action"	"Action"	"Action"
## [580]	"Adventure"	"Fighting"	"Action"
## [583]	"Action"	"Action-Adventure"	"Fighting"
## [586]	"Strategy"	"Sports"	"Shooter"
## [589]	"Action"	"Music"	"Platform"
## [592]	"Puzzle"	"Adventure"	"Strategy"
## [595]	"Role-Playing"	"Sports"	"Adventure"
## [598]	"Racing"	"Shooter"	"Puzzle"
## [601]	"Misc"	"Action"	"Action"
## [604]	"Platform"	"Role-Playing"	"Strategy"
## [607]	"Simulation"	"Action"	"Action"
## [610]	"Action"	"Fighting"	"Action"
## [613]	"Adventure"	"Action"	"Misc"
## [616]	"Fighting"	"Racing"	"Misc"
## [619]	"Sports"	"Misc"	"Puzzle"
## [622]	"Strategy"	"Racing"	"Action"
## [625]	"Action"	"Music"	"Adventure"
## [628]	"Adventure"	"Platform"	"Fighting"
## [631]	"Action"	"Visual Novel"	"Adventure"
## [634]	"Role-Playing"	"Visual Novel"	"Action"
## [637]	"Misc"	"Role-Playing"	"Shooter"
## [640]	"Action"	"Sports"	"Role-Playing"
## [643]	"Role-Playing"	"Music"	"Action-Adventure"
## [646]	"Shooter"	"Racing"	"Action-Adventure"
## [649]	"Action"	"Music"	"Action"
## [652]	"Shooter"	"Role-Playing"	"Puzzle"
## [655]	"Strategy"	"Strategy"	"Action"
## [658]	"Strategy"	"Action"	"Music"
## [661]	"Action"	"Action"	"Action"
## [664]	"Puzzle"	"Misc"	"Visual Novel"
## [667]	"Misc"	"Role-Playing"	"Fighting"

## [670]	"Simulation"	"Misc"	"Racing"
## [673]	"Visual Novel"	"Fighting"	"Shooter"
## [676]	"Shooter"	"Action"	"Action"
## [679]	"Role-Playing"	"Action"	"Adventure"
## [682]	"Role-Playing"	"Adventure"	"Strategy"
## [685]	"Misc"	"Strategy"	"Role-Playing"
## [688]	"Adventure"	"Adventure"	"Strategy"
## [691]	"Adventure"	"Simulation"	"Adventure"
## [694]	"Action"	"Racing"	"Shooter"
## [697]	"Visual Novel"	"Racing"	"Platform"
## [700]	"Strategy"	"Action"	"Action"
## [703]	"Adventure"	"Adventure"	"Strategy"
## [706]	"Action"	"Action"	"Role-Playing"
## [709]	"Platform"	"Action"	"Action"
## [712]	"Platform"	"Sports"	"Misc"
## [715]	"Action"	"Adventure"	"Adventure"
## [718]	"Action"	"Adventure"	"Sports"
## [721]	"Puzzle"	"Action"	"Action"
## [724]	"Action"	"Platform"	"Adventure"
## [727]	"Platform"	"Adventure"	"Platform"
## [730]	"Action"	"Misc"	"Action"
## [733]	"Shooter"	"Misc"	"Adventure"
## [736]	"Role-Playing"	"MMO"	"Misc"
## [739]	"Misc"	"Adventure"	"Strategy"
## [742]	"Misc"	"Misc"	"Misc"
## [745]	"Adventure"	"Shooter"	"Role-Playing"
## [748]	"Role-Playing"	"Misc"	"Shooter"
## [751]	"Action"	"Action"	"Misc"
## [754]	"Role-Playing"	"Misc"	"Misc"
## [757]	"Fighting"	"Adventure"	"Adventure"
## [760]	"Action"	"Action"	"Role-Playing"
## [763]	"Action"	"Misc"	"Misc"
## [766]	"Platform"	"Fighting"	"Adventure"
## [769]	"Misc"	"Shooter"	"Misc"
## [772]	"Role-Playing"	"Adventure"	"Misc"
## [775]	"Adventure"	"Platform"	"Role-Playing"
## [778]	"Adventure"	"Misc"	"Action"
## [781]	"Adventure"	"Misc"	"Misc"
## [784]	"Action-Adventure"	"Misc"	"Role-Playing"
## [787]	"Misc"	"Misc"	"Misc"
## [790]	"Action"	"Misc"	"Misc"
## [793]	"Misc"	"Misc"	"Adventure"
## [796]	"Action"	"Misc"	"Misc"
## [799]	"Role-Playing"	"Action"	"Puzzle"
## [802]	"Misc"	"Puzzle"	"Role-Playing"
## [805]	"Misc"	"Misc"	"Misc"
## [808]	"Action"	"Misc"	"Misc"
## [811]	"Misc"	"Puzzle"	"Misc"
## [814]	"Misc"	"Misc"	"Misc"
## [817]	"Misc"	"Action"	"Strategy"
## [820]	"Platform"	"Action"	"MMO"
## [823]	"Misc"	"Misc"	"Simulation"
## [826]	"Action"	"Misc"	"Platform"
## [829]	"Adventure"	"Misc"	"Action"
## [832]	"Misc"	"Misc"	"Misc"
## [835]	"Action"	"Action"	"Shooter"

##	[838]	"Adventure"	"Action"	"Misc"
##	[841]	"Action-Adventure"	"Misc"	"Misc"
##	[844]	"Misc"	"Misc"	"Puzzle"
##	[847]	"Misc"	"Misc"	"Misc"
##	[850]	"Sports"	"Misc"	"Misc"
##	[853]	"Misc"	"Misc"	"Adventure"
##	[856]	"Adventure"	"Misc"	"Misc"
##	[859]	"Misc"	"Misc"	"Misc"
##	[862]	"Action"	"Misc"	"Misc"
##	[865]	"Misc"	"Misc"	"Adventure"
##	[868]	"Role-Playing"	"Misc"	"Misc"
##	[871]	"Misc"	"Misc"	"Misc"
##	[874]	"Adventure"	"Misc"	"Misc"
##	[877]	"Shooter"	"Misc"	"Misc"
##	[880]	"Misc"	"Misc"	"Puzzle"
##	[883]	"Misc"	"Misc"	"Adventure"
##	[886]	"Action"	"Misc"	"Misc"
##	[889]	"Misc"	"Misc"	"Misc"
##	[892]	"Misc"	"Misc"	"Adventure"
##	[895]	"Misc"	"Platform"	"Misc"
##	[898]	"Platform"	"Action"	"Misc"
##	[901]	"Action"	"Adventure"	"Role-Playing"
##	[904]	"Action"	"Role-Playing"	"Role-Playing"
##	[907]	"Shooter"	"Action"	"Sports"
##	[910]	"Action"	"Action"	"Action"
##	[913]	"Platform"	"Action"	"Action"
##	[916]	"Adventure"	"Puzzle"	"Action"
##	[919]	"Action"	"Adventure"	"Action"
##	[922]	"Racing"	"Role-Playing"	"Action"
##	[925]	"Action"	"Action"	"Adventure"
##	[928]	"Puzzle"	"Action"	"Action"
##	[931]	"Strategy"	"Action"	"Shooter"
##	[934]	"Adventure"	"Shooter"	"Shooter"
##	[937]	"Action"	"Strategy"	"Action"
##	[940]	"Action"	"Action"	"Action"
##	[943]	"Adventure"	"Adventure"	"Action"
##	[946]	"Sports"	"Adventure"	"Action"
##	[949]	"Role-Playing"	"Simulation"	"Shooter"
##	[952]	"Shooter"	"Action"	"Action"
##	[955]	"Role-Playing"	"Shooter"	"Adventure"
##	[958]	"Action"	"Action"	"Action"
##	[961]	"Shooter"	"Shooter"	"Platform"
##	[964]	"Action"	"Action-Adventure"	"Misc"
##	[967]	"Platform"	"Action"	"Adventure"
##	[970]	"Platform"	"Platform"	"Action"
##	[973]	"Action"	"Action"	"Sports"
##	[976]	"Strategy"	"Role-Playing"	"Action"
##	[979]	"Adventure"	"Platform"	"Action"
##	[982]	"Role-Playing"	"Role-Playing"	"Role-Playing"
##	[985]	"Action"	"Action"	"Adventure"
##	[988]	"Role-Playing"	"Platform"	"Action"
##	[991]	"Music"	"Action"	"Shooter"
##	[994]	"Role-Playing"	"Simulation"	"Role-Playing"
##	[997]	"Misc"	"Simulation"	"Action"
##	[1000]	"Action"	"Adventure"	"Action"
##	[1003]	"Role-Playing"	"Misc"	"Role-Playing"

```
## [1006] "Action"          "Sports"          "Action"
## [1009] "Action-Adventure" "Action"          "Action"
## [1012] "Action"          "Action"          "Action-Adventure"
## [1015] "Action"          "Platform"        "Action"
## [1018] "Sports"          "Shooter"         "Action"
## [1021] "Shooter"         "Role-Playing"    "Role-Playing"
## [1024] "Strategy"        "Action"          "Action"
## [1027] "Platform"        "Adventure"       "Action"
## [1030] "Role-Playing"    "Racing"          "Action"
## [1033] "Action"          "Action"
```

```
table(a$Publisher)
```

##		
##	Paradox Interactive\xca	Endnight Games Ltd\xca
##	1	1
##		2K Games
##	209	7
##	2K Sports	3D Realms
##	7	1
##	505 Games	5pb
##	16	8
##	Accolade	Acquire
##	1	2
##	Active Gaming Media	Activision
##	1	30
##	Aksys Games	Alternative Software
##	4	1
##	Arc System Works	Astragon
##	4	1
##	Atari	Atlus
##	2	1
##	Avanquest	Badland Studio
##	2	3
##	Bandai Namco Entertainment	Bandai Namco Games
##	1	3
##	Bethesda Softworks	Big Ben Interactive
##	17	1
##	Bigben Interactive	BioWare
##	7	1
##	Blizzard Entertainment	Capcom
##	2	30
##	CD Projekt Red Studio	City Interactive
##	1	1
##	Codemasters	CokeM Interactive
##	6	1
##	Compile Heart	Compulsion Games
##	4	1
##	Cygames	D3Publisher
##	1	3
##	Daedalic Entertainment	Deep Silver
##	1	18
##	Devolver Digital	Disney Interactive Studios
##	1	2
##	DMM Games	Double Damage Games
##	1	1
##	DTP Entertainment	Dusenberry Martin Racing
##	1	1
##	EA Sports	Electronic Arts
##	19	21
##	Entergram	FarSight Studios
##	1	1
##	Focus Home Interactive	Frictional Games
##	14	1
##	Frontier Developments	Funbox Media
##	1	1
##	Futurlab	Gaijinworks
##	1	1

##	GameMill	GameMill Entertainment
##	2	1
##	Games Workshop	GameTrust
##	1	2
##	Gearbox Software	Grey Box
##	4	1
##	Gun Media	GungHo
##	1	2
##	Gunho Online Entertainment	Gust
##	1	1
##	Harmonix Music Systems	Hello Games
##	1	1
##	Ice-pick Lodge	Idea Factory International
##	1	4
##	Insomniac Games	Introversion Software
##	1	1
##	Kadokawa Games	Kalypso Media
##	3	12
##	Koch Media	Koei Tecmo
##	7	1
##	Konami Digital Entertainment	League of Geeks
##	12	1
##	Level 5	Little Orbit
##	1	3
##	M2	Marvelous Interactive
##	1	2
##	Maximum Games	Mediascape
##	13	1
##	Merge Games	Microids
##	2	3
##	Milestone	Milestone S.r.l
##	1	2
##	Milestone S.r.l.	MLB.com
##	5	4
##	Mojang	Namco Bandai Games
##	1	56
##	Nicalis	Nighthawk Interactive
##	2	5
##	Nihon Falcom Corporation	Nippon Ichi Software
##	2	6
##	NIS America	Nordic Games
##	21	8
##	Nowhere Studios	Outright Games
##	1	1
##	Perfect World Entertainment	Perp Games
##	1	1
##	PM Studios	PQube
##	1	18
##	Rain Games	Ravenscourt
##	1	2
##	Ready at Dawn	Rebellion
##	1	1
##	Rebellion Developments	Renegade Kid
##	2	1
##	Revolution Software	Rising Star Games
##	1	5

##	Rockstar Games	Sega
##	3	15
##	Sinxsoft	Soedesco
##	1	9
##	Sold Out	Sony Computer Entertainment
##	4	25
##	Sony Interactive Entertainment	Sony Online Entertainment
##	47	2
##	Spike Chunsoft	Sprite
##	1	1
##	Square Enix	Stainless Games
##	40	2
##	Studio Wildcard	System 3
##	1	2
##	Take-Two Interactive	Taleworlds
##	1	1
##	Tammeka Games	Team Meat
##	1	1
##	Team17 Digital Ltd	Team17 Software
##	1	1
##	Techland	Tecmo Koei
##	2	37
##	Telltale Games	The Astronauts
##	8	1
##	Thekla, Inc.	THQ Nordic
##	1	15
##	TopWare Interactive	Triniti Interactive
##	1	1
##	Tripwire Interactive	Tru Blu Entertainment
##	1	4
##	Two Tribes	Ubisoft
##	1	45
##	UFO Interactive	UIG Entertainment
##	1	2
##	Unknown	Versus Evil
##	12	1
##	Wander MMO	Warner Bros. Interactive
##	1	2
##	Warner Bros. Interactive Entertainment	Wired Productions
##	27	3
##	Xseed Games	Yacht Club Games
##	1	1
##	Yeti	
##	1	

```
str(a$Genre)
```

```
## chr [1:1034] "Action" "Shooter" "Action-Adventure" "Shooter" "Sports" ...
```

#transforming the variables

```
log(a$Global)
```

##	[1]	2.964757469	2.714032273	2.634762405	2.595254707	2.468099531
##	[6]	2.392425797	2.335052283	2.170195905	2.137710450	2.137710450
##	[11]	2.106570209	2.083184528	2.018895042	1.982379829	1.912501087
##	[16]	1.845300236	1.843719208	1.816452082	1.761300262	1.750937475
##	[21]	1.740466175	1.684545385	1.623340818	1.574846468	1.541159072
##	[26]	1.512927012	1.510721939	1.474763009	1.472472057	1.463255402
##	[31]	1.427916036	1.420695788	1.420695788	1.413423029	1.401182974
##	[36]	1.401182974	1.381281819	1.373715579	1.371180723	1.327075001
##	[41]	1.280933845	1.258460990	1.249901736	1.232560261	1.211940974
##	[46]	1.211940974	1.205970807	1.196948189	1.193922468	1.187843422
##	[51]	1.160020917	1.160020917	1.137833002	1.134622726	1.111857515
##	[56]	1.105256831	1.101940079	1.071583616	1.054312030	1.036736885
##	[61]	1.004301609	1.000631880	0.963174318	0.912282710	0.896088025
##	[66]	0.883767540	0.867100488	0.862889955	0.862889955	0.850150929
##	[71]	0.815364813	0.810930216	0.779324877	0.779324877	0.774727168
##	[76]	0.770108222	0.765467842	0.727548607	0.722705983	0.717839793
##	[81]	0.712949808	0.712949808	0.703097511	0.683096845	0.678033543
##	[86]	0.647103242	0.641853886	0.631271777	0.620576488	0.582215620
##	[91]	0.559615788	0.559615788	0.542324291	0.542324291	0.536493371
##	[96]	0.530628251	0.494696242	0.482426149	0.476234179	0.451075619
##	[101]	0.431782416	0.431782416	0.412109651	0.405465108	0.405465108
##	[106]	0.398776120	0.378436436	0.357674444	0.329303747	0.329303747
##	[111]	0.307484700	0.285178942	0.270027137	0.270027137	0.254642218
##	[116]	0.254642218	0.246860078	0.246860078	0.198850859	0.190620360
##	[121]	0.182321557	0.182321557	0.182321557	0.182321557	0.173953307
##	[126]	0.165514438	0.165514438	0.148420005	0.148420005	0.131028262
##	[131]	0.122217633	0.104360015	0.104360015	0.095310180	0.086177696
##	[136]	0.058268908	0.048790164	0.039220713	0.039220713	0.029558802
##	[141]	0.009950331	0.009950331	0.009950331	0.009950331	-0.020202707
##	[146]	-0.030459207	-0.040821995	-0.040821995	-0.061875404	-0.105360516
##	[151]	-0.116533816	-0.116533816	-0.116533816	-0.127833372	-0.139262067
##	[156]	-0.150822890	-0.162518929	-0.162518929	-0.162518929	-0.162518929
##	[161]	-0.198450939	-0.198450939	-0.210721031	-0.210721031	-0.235722334
##	[166]	-0.235722334	-0.248461359	-0.248461359	-0.248461359	-0.274436846
##	[171]	-0.287682072	-0.287682072	-0.287682072	-0.287682072	-0.301105093
##	[176]	-0.314710745	-0.328504067	-0.328504067	-0.342490309	-0.356674944
##	[181]	-0.371063681	-0.371063681	-0.385662481	-0.385662481	-0.400477567
##	[186]	-0.415515444	-0.415515444	-0.430782916	-0.430782916	-0.430782916
##	[191]	-0.446287103	-0.462035460	-0.478035801	-0.478035801	-0.478035801
##	[196]	-0.478035801	-0.494296322	-0.510825624	-0.527632742	-0.544727175
##	[201]	-0.544727175	-0.562118918	-0.562118918	-0.562118918	-0.562118918
##	[206]	-0.579818495	-0.579818495	-0.579818495	-0.579818495	-0.579818495
##	[211]	-0.597837001	-0.597837001	-0.597837001	-0.597837001	-0.653926467
##	[216]	-0.653926467	-0.653926467	-0.673344553	-0.693147181	-0.693147181
##	[221]	-0.713349888	-0.733969175	-0.733969175	-0.733969175	-0.733969175
##	[226]	-0.733969175	-0.733969175	-0.755022584	-0.755022584	-0.755022584
##	[231]	-0.755022584	-0.755022584	-0.776528789	-0.798507696	-0.798507696
##	[236]	-0.798507696	-0.798507696	-0.820980552	-0.820980552	-0.843970070
##	[241]	-0.843970070	-0.867500568	-0.867500568	-0.867500568	-0.891598119
##	[246]	-0.891598119	-0.891598119	-0.941608540	-0.941608540	-0.941608540
##	[251]	-0.967584026	-0.994252273	-0.994252273	-0.994252273	-0.994252273
##	[256]	-1.021651248	-1.021651248	-1.021651248	-1.021651248	-1.049822124
##	[261]	-1.049822124	-1.049822124	-1.078809661	-1.078809661	-1.078809661
##	[266]	-1.108662625	-1.108662625	-1.108662625	-1.139434283	-1.171182982
##	[271]	-1.171182982	-1.171182982	-1.171182982	-1.171182982	-1.171182982

##	[276]	-1.203972804	-1.203972804	-1.203972804	-1.203972804	-1.237874356
##	[281]	-1.237874356	-1.237874356	-1.237874356	-1.237874356	-1.237874356
##	[286]	-1.272965676	-1.272965676	-1.272965676	-1.272965676	-1.272965676
##	[291]	-1.272965676	-1.309333320	-1.309333320	-1.309333320	-1.309333320
##	[296]	-1.309333320	-1.309333320	-1.347073648	-1.386294361	-1.386294361
##	[301]	-1.386294361	-1.386294361	-1.427116356	-1.427116356	-1.427116356
##	[306]	-1.427116356	-1.427116356	-1.427116356	-1.427116356	-1.427116356
##	[311]	-1.427116356	-1.427116356	-1.427116356	-1.427116356	-1.469675970
##	[316]	-1.469675970	-1.469675970	-1.469675970	-1.469675970	-1.469675970
##	[321]	-1.469675970	-1.469675970	-1.514127733	-1.514127733	-1.514127733
##	[326]	-1.514127733	-1.514127733	-1.514127733	-1.514127733	-1.560647748
##	[331]	-1.560647748	-1.560647748	-1.560647748	-1.560647748	-1.560647748
##	[336]	-1.560647748	-1.560647748	-1.609437912	-1.609437912	-1.609437912
##	[341]	-1.609437912	-1.660731207	-1.660731207	-1.660731207	-1.660731207
##	[346]	-1.660731207	-1.714798428	-1.714798428	-1.714798428	-1.714798428
##	[351]	-1.771956842	-1.771956842	-1.771956842	-1.771956842	-1.771956842
##	[356]	-1.771956842	-1.771956842	-1.771956842	-1.832581464	-1.832581464
##	[361]	-1.832581464	-1.832581464	-1.832581464	-1.832581464	-1.832581464
##	[366]	-1.832581464	-1.832581464	-1.832581464	-1.832581464	-1.897119985
##	[371]	-1.897119985	-1.897119985	-1.897119985	-1.897119985	-1.897119985
##	[376]	-1.897119985	-1.897119985	-1.897119985	-1.897119985	-1.966112856
##	[381]	-1.966112856	-1.966112856	-1.966112856	-1.966112856	-1.966112856
##	[386]	-1.966112856	-1.966112856	-1.966112856	-1.966112856	-1.966112856
##	[391]	-1.966112856	-1.966112856	-1.966112856	-2.040220829	-2.040220829
##	[396]	-2.040220829	-2.040220829	-2.040220829	-2.040220829	-2.040220829
##	[401]	-2.040220829	-2.040220829	-2.040220829	-2.040220829	-2.040220829
##	[406]	-2.040220829	-2.040220829	-2.120263536	-2.120263536	-2.120263536
##	[411]	-2.120263536	-2.120263536	-2.120263536	-2.120263536	-2.120263536
##	[416]	-2.120263536	-2.207274913	-2.207274913	-2.207274913	-2.207274913
##	[421]	-2.207274913	-2.207274913	-2.207274913	-2.207274913	-2.207274913
##	[426]	-2.207274913	-2.207274913	-2.207274913	-2.207274913	-2.207274913
##	[431]	-2.207274913	-2.207274913	-2.207274913	-2.302585093	-2.302585093
##	[436]	-2.302585093	-2.302585093	-2.302585093	-2.302585093	-2.302585093
##	[441]	-2.302585093	-2.302585093	-2.302585093	-2.302585093	-2.302585093
##	[446]	-2.302585093	-2.302585093	-2.302585093	-2.302585093	-2.302585093
##	[451]	-2.407945609	-2.407945609	-2.407945609	-2.407945609	-2.407945609
##	[456]	-2.407945609	-2.407945609	-2.407945609	-2.407945609	-2.407945609
##	[461]	-2.407945609	-2.407945609	-2.407945609	-2.407945609	-2.407945609
##	[466]	-2.407945609	-2.407945609	-2.525728644	-2.525728644	-2.525728644
##	[471]	-2.525728644	-2.525728644	-2.525728644	-2.525728644	-2.525728644
##	[476]	-2.525728644	-2.525728644	-2.525728644	-2.525728644	-2.525728644
##	[481]	-2.525728644	-2.659260037	-2.659260037	-2.659260037	-2.659260037
##	[486]	-2.659260037	-2.659260037	-2.659260037	-2.659260037	-2.659260037
##	[491]	-2.659260037	-2.659260037	-2.659260037	-2.659260037	-2.659260037
##	[496]	-2.659260037	-2.659260037	-2.659260037	-2.659260037	-2.659260037
##	[501]	-2.659260037	-2.659260037	-2.659260037	-2.659260037	-2.659260037
##	[506]	-2.659260037	-2.659260037	-2.659260037	-2.659260037	-2.813410717
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log(a$Rest.of.World)
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## [1027]	-Inf	-Inf	-Inf	-Inf	-Inf	-Inf
## [1033]	-Inf	-Inf				

```
c<-a$Global-mean(a$Global)/sd(a$Global)
c
```

##	[1]	19.026222371	14.726222371	13.576222371	13.036222371	11.436222371
##	[6]	10.576222371	9.966222371	8.396222371	8.116222371	8.116222371
##	[11]	7.856222371	7.666222371	7.166222371	6.896222371	6.406222371
##	[16]	5.966222371	5.956222371	5.786222371	5.456222371	5.396222371
##	[21]	5.336222371	5.026222371	4.706222371	4.466222371	4.306222371
##	[26]	4.176222371	4.166222371	4.006222371	3.996222371	3.956222371
##	[31]	3.806222371	3.776222371	3.776222371	3.746222371	3.696222371
##	[36]	3.696222371	3.616222371	3.586222371	3.576222371	3.406222371
##	[41]	3.236222371	3.156222371	3.126222371	3.066222371	2.996222371
##	[46]	2.996222371	2.976222371	2.946222371	2.936222371	2.916222371
##	[51]	2.826222371	2.826222371	2.756222371	2.746222371	2.676222371
##	[56]	2.656222371	2.646222371	2.556222371	2.506222371	2.456222371
##	[61]	2.366222371	2.356222371	2.256222371	2.126222371	2.086222371
##	[66]	2.056222371	2.016222371	2.006222371	2.006222371	1.976222371
##	[71]	1.896222371	1.886222371	1.816222371	1.816222371	1.806222371
##	[76]	1.796222371	1.786222371	1.706222371	1.696222371	1.686222371
##	[81]	1.676222371	1.676222371	1.656222371	1.616222371	1.606222371
##	[86]	1.546222371	1.536222371	1.516222371	1.496222371	1.426222371
##	[91]	1.386222371	1.386222371	1.356222371	1.356222371	1.346222371
##	[96]	1.336222371	1.276222371	1.256222371	1.246222371	1.206222371
##	[101]	1.176222371	1.176222371	1.146222371	1.136222371	1.136222371
##	[106]	1.126222371	1.096222371	1.066222371	1.026222371	1.026222371
##	[111]	0.996222371	0.966222371	0.946222371	0.946222371	0.926222371
##	[116]	0.926222371	0.916222371	0.916222371	0.856222371	0.846222371
##	[121]	0.836222371	0.836222371	0.836222371	0.836222371	0.826222371
##	[126]	0.816222371	0.816222371	0.796222371	0.796222371	0.776222371
##	[131]	0.766222371	0.746222371	0.746222371	0.736222371	0.726222371
##	[136]	0.696222371	0.686222371	0.676222371	0.676222371	0.666222371
##	[141]	0.646222371	0.646222371	0.646222371	0.646222371	0.616222371
##	[146]	0.606222371	0.596222371	0.596222371	0.576222371	0.536222371
##	[151]	0.526222371	0.526222371	0.526222371	0.516222371	0.506222371
##	[156]	0.496222371	0.486222371	0.486222371	0.486222371	0.486222371
##	[161]	0.456222371	0.456222371	0.446222371	0.446222371	0.426222371
##	[166]	0.426222371	0.416222371	0.416222371	0.416222371	0.396222371
##	[171]	0.386222371	0.386222371	0.386222371	0.386222371	0.376222371
##	[176]	0.366222371	0.356222371	0.356222371	0.346222371	0.336222371
##	[181]	0.326222371	0.326222371	0.316222371	0.316222371	0.306222371
##	[186]	0.296222371	0.296222371	0.286222371	0.286222371	0.286222371
##	[191]	0.276222371	0.266222371	0.256222371	0.256222371	0.256222371
##	[196]	0.256222371	0.246222371	0.236222371	0.226222371	0.216222371
##	[201]	0.216222371	0.206222371	0.206222371	0.206222371	0.206222371
##	[206]	0.196222371	0.196222371	0.196222371	0.196222371	0.196222371
##	[211]	0.186222371	0.186222371	0.186222371	0.186222371	0.156222371
##	[216]	0.156222371	0.156222371	0.146222371	0.136222371	0.136222371
##	[221]	0.126222371	0.116222371	0.116222371	0.116222371	0.116222371
##	[226]	0.116222371	0.116222371	0.106222371	0.106222371	0.106222371
##	[231]	0.106222371	0.106222371	0.096222371	0.086222371	0.086222371
##	[236]	0.086222371	0.086222371	0.076222371	0.076222371	0.066222371
##	[241]	0.066222371	0.056222371	0.056222371	0.056222371	0.046222371
##	[246]	0.046222371	0.046222371	0.026222371	0.026222371	0.026222371
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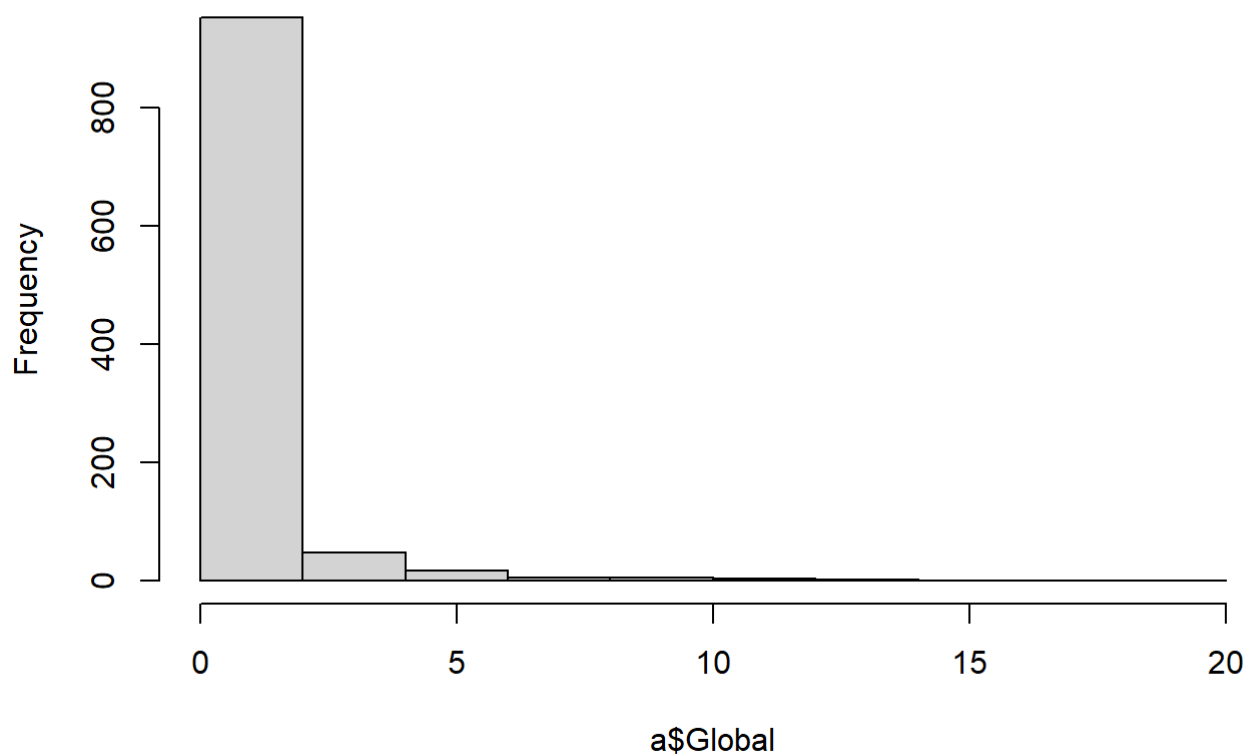
[illegible]


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## [936] -0.363777629 -0.363777629 -0.363777629 -0.363777629 -0.363777629
## [941] -0.363777629 -0.363777629 -0.363777629 -0.363777629 -0.363777629
## [946] -0.363777629 -0.363777629 -0.363777629 -0.363777629 -0.363777629
## [951] -0.363777629 -0.363777629 -0.363777629 -0.363777629 -0.363777629
## [956] -0.363777629 -0.363777629 -0.363777629 -0.363777629 -0.363777629
## [961] -0.363777629 -0.363777629 -0.363777629 -0.363777629 -0.363777629
## [966] -0.363777629 -0.363777629 -0.363777629 -0.363777629 -0.363777629
## [971] -0.363777629 -0.363777629 -0.363777629 -0.363777629 -0.363777629
## [976] -0.363777629 -0.363777629 -0.363777629 -0.363777629 -0.363777629
## [981] -0.363777629 -0.363777629 -0.363777629 -0.363777629 -0.363777629
## [986] -0.363777629 -0.363777629 -0.363777629 -0.363777629 -0.363777629
## [991] -0.363777629 -0.363777629 -0.363777629 -0.363777629 -0.363777629
## [996] -0.363777629 -0.363777629 -0.363777629 -0.363777629 -0.363777629
## [1001] -0.363777629 -0.363777629 -0.363777629 -0.363777629 -0.363777629
## [1006] -0.363777629 -0.363777629 -0.363777629 -0.363777629 -0.363777629
## [1011] -0.363777629 -0.363777629 -0.363777629 -0.363777629 -0.363777629
## [1016] -0.363777629 -0.363777629 -0.363777629 -0.363777629 -0.363777629
## [1021] -0.363777629 -0.363777629 -0.363777629 -0.363777629 -0.363777629
## [1026] -0.363777629 -0.363777629 -0.363777629 -0.363777629 -0.363777629
## [1031] -0.363777629 -0.363777629 -0.363777629 -0.363777629 -0.363777629
```

#part 5-plotting the one variables

```
hist(a$Global,main="HISTOGRAM OF GLOBAL")
```

HISTOGRAM OF GLOBAL



#part6-scatterplot

```
plot(a$Global,a$Rest.of.World,main="scatterplot")
```

scatterplot

