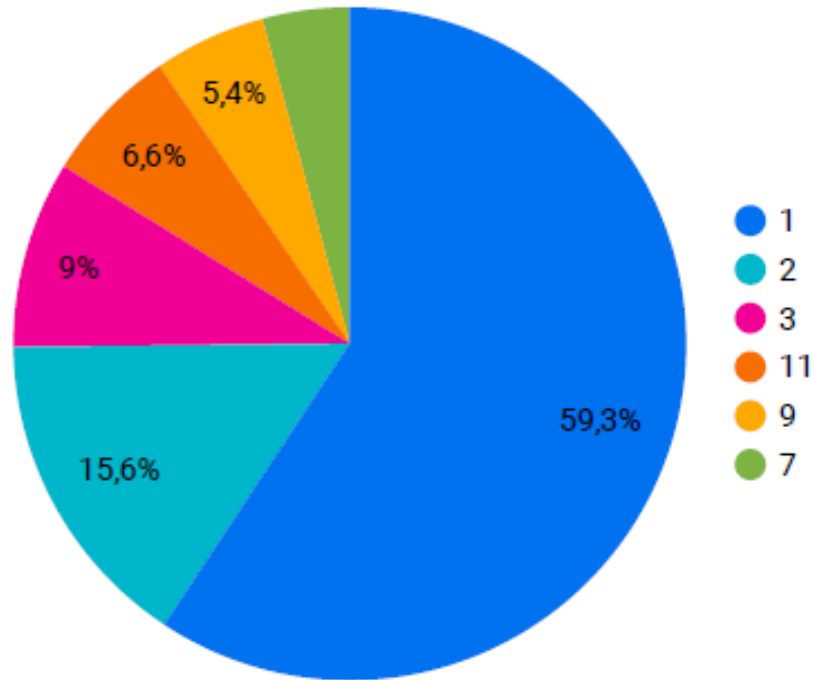


Statistical analysis of **Goodreads's** bestsellers

Author analysis

How many bestsellers does an author have?

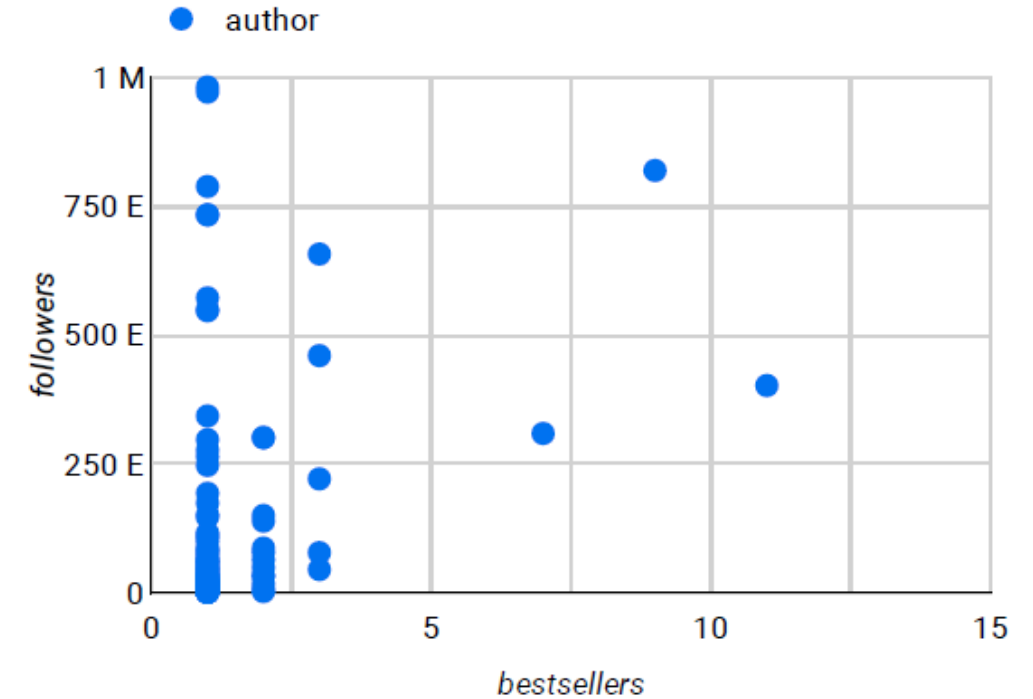
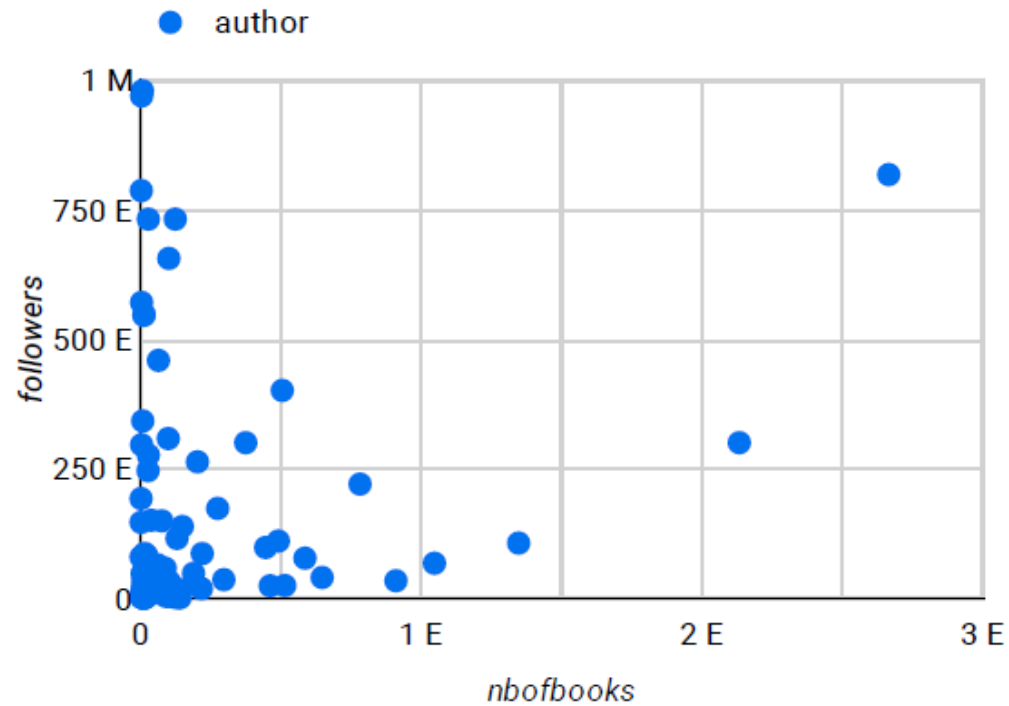


How many of their books became bestsellers?



- It can be seen that **most authors have one bestseller**, but there are many who have more than one.
- **There is no correlation between the number of books published by an author and the number of bestsellers of the author.**

Author analysis



- There is **no correlation** between the **number of authors' followers** and the **number of books** published by an author.
- There is **no correlation** between the **number of bestsellers** published by an author and the **number of followers** of the author.

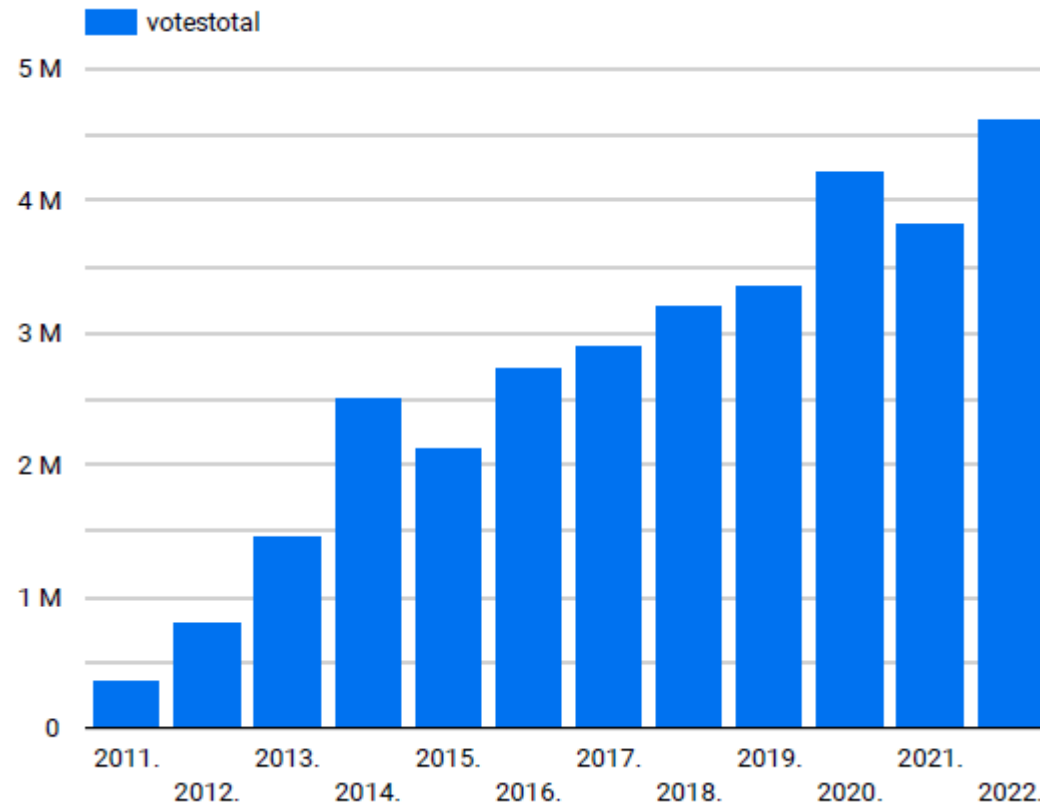
Genre analysis

genre	sum_of_followers	sum_of_booknb
childrens	4 502 000	5 557
horror	3 419 614	12 889
young-adult-fantasy	3 267 000	1 367
fantasy	3 136 600	10 298
nonfiction	2 930 201	842
mystery-thriller	2 797 687	8 858
romance	2 648 000	1 192
history-biography	2 259 939	439
humor	2 177 294	125
science-fiction	1 302 400	4 389
fiction	1 005 100	2 423
memoir-autobiography	788 817	440
young-adult-fiction	597 889	753
poetry	229 506	2 137

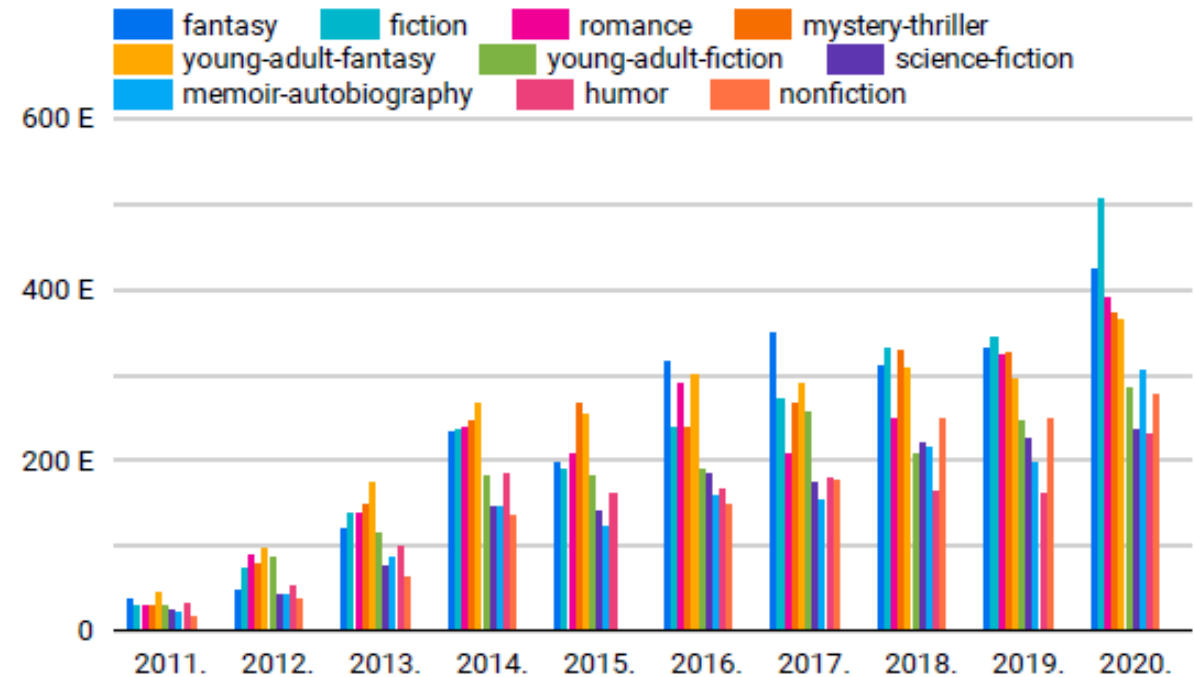
- Authors in the **childrens genre** have the **most followers**, while authors in the **horror genre** are the **most prolific**.
- The fact that many books are written by the bestselling authors of the given genre does not mean that the authors of the given genre are followed by many.

Genre analysis

How many votes were during the years?



Which genre was the most popular during the years?



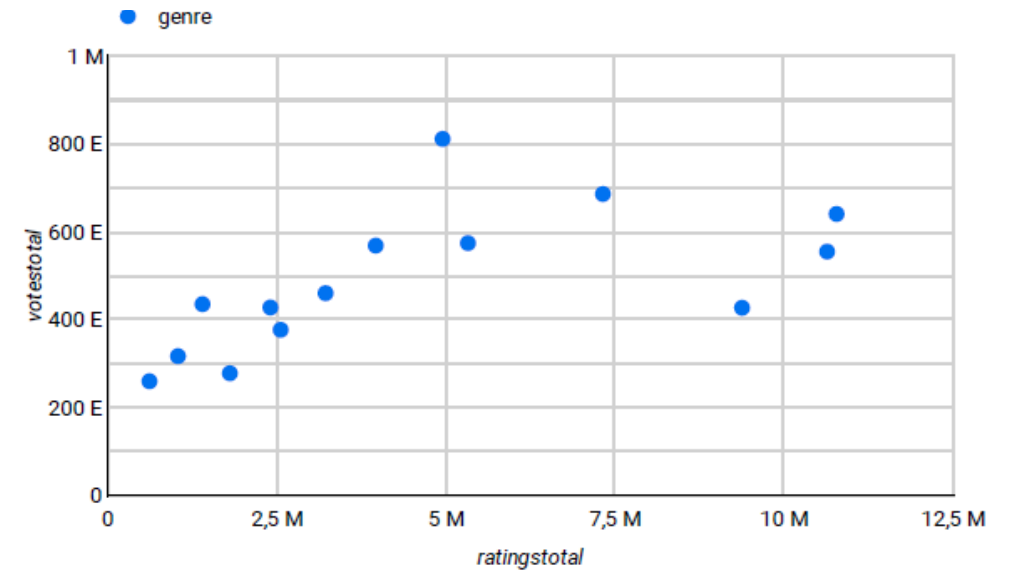
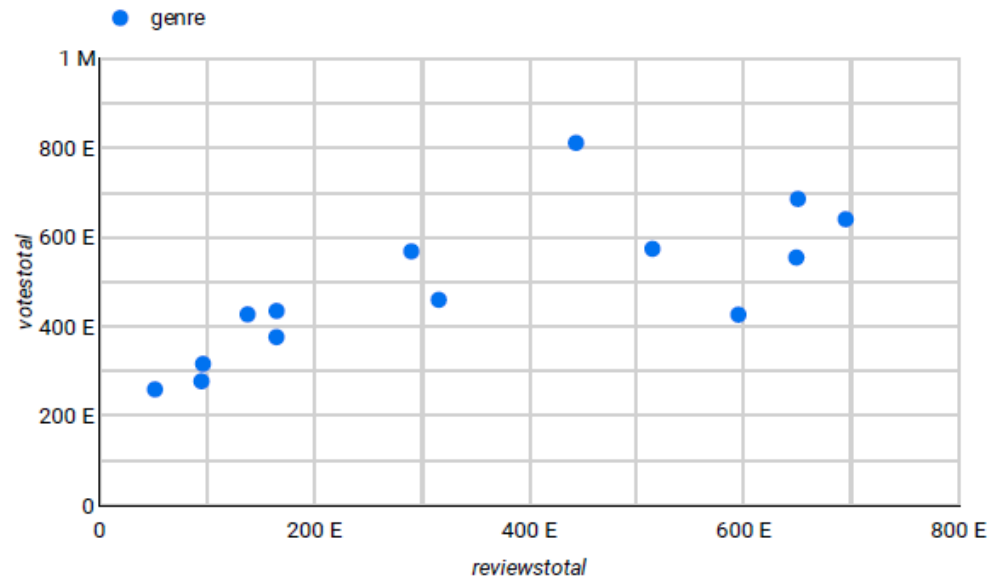
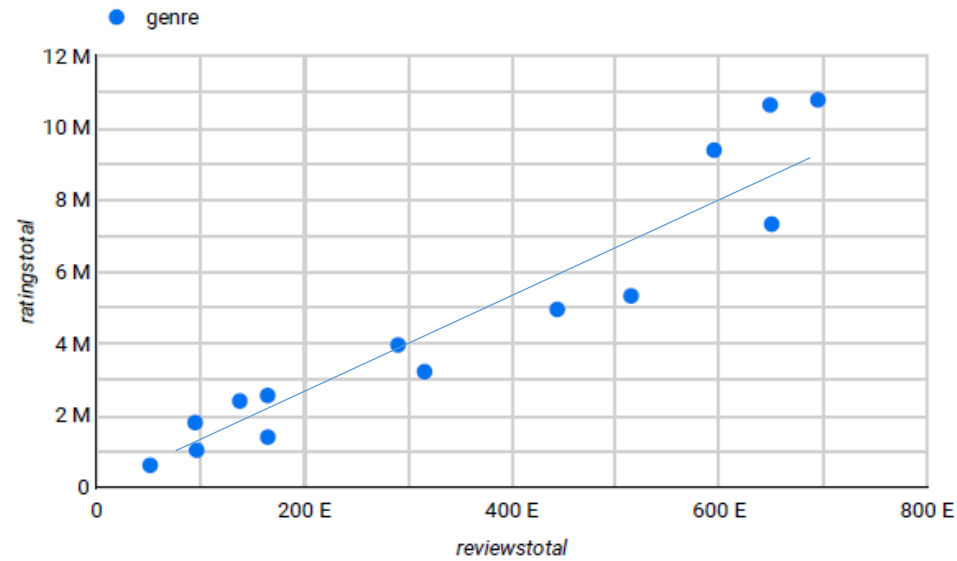
- Over the years, **more and more people have voted** on what should be the bestseller.
- Over the years, **it has changed which genre was the most popular**, which genre received the most votes. Memoir-autobiography, humor, science-fiction and non-fiction have never been very popular.

Genre analysis

genre	reviewstotal	ratingstotal	votestotal
mystery-thriller	694 860	10 782 888	640 266
romance	650 303	7 326 216	685 681
young-adult-fantasy	648 854	10 642 730	554 628
young-adult-fiction	594 880	9 384 686	426 792
fiction	514 869	5 330 368	573 956
fantasy	443 713	4 955 148	811 050
science-fiction	315 853	3 223 987	460 084
memoir-autobiograp...	290 305	3 966 005	568 347
horror	164 846	1 403 179	435 093
humor	164 712	2 559 514	376 688
childrens	137 846	2 407 393	427 495
nonfiction	96 321	1 040 122	316 813
history-biography	94 848	1 807 989	277 888
poetry	51 550	618 914	259 672

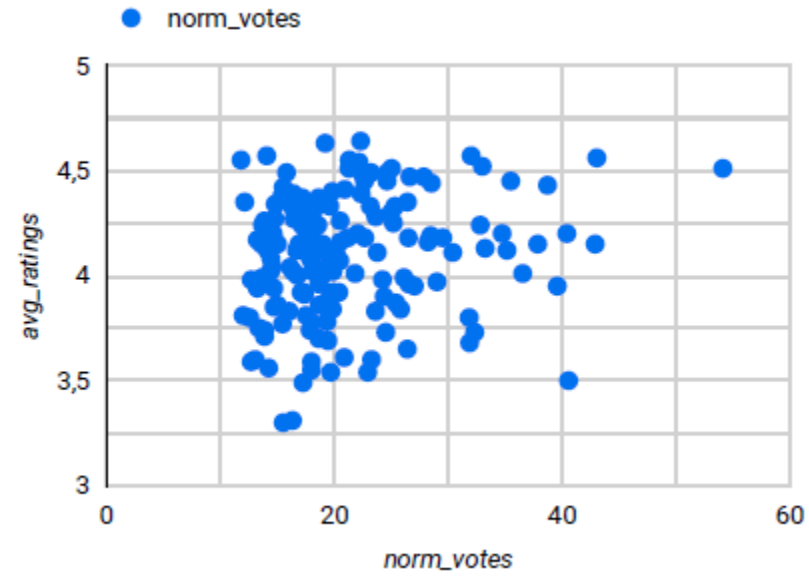
- The bestsellers of the mystery-thriller genre received the most reviews and the books of this genre were rated by the most people, but it was not the bestsellers of this genre that collected the most votes, but those of the fantasy genre, for which fewer people wrote reviews and less people rated the books.

Genre analysis



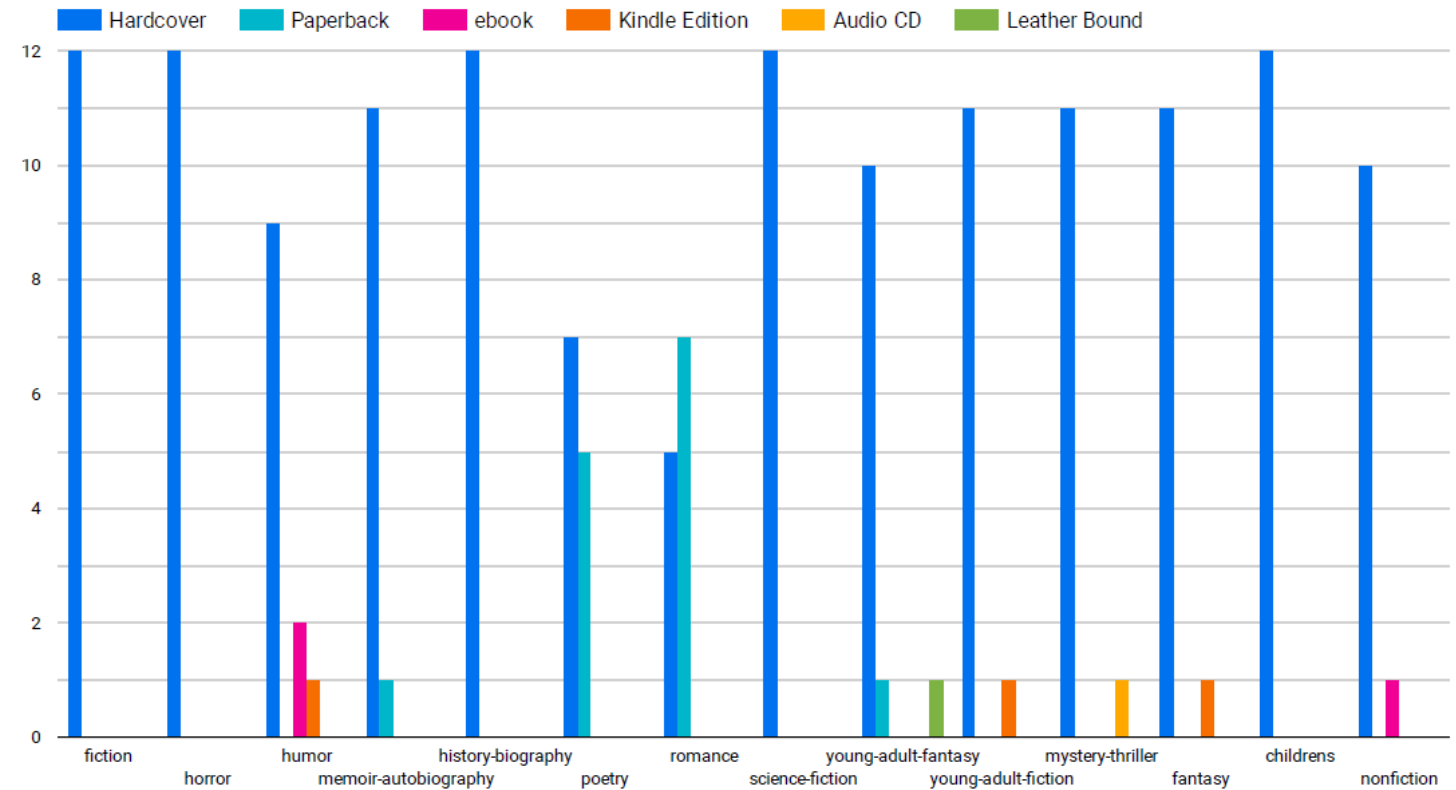
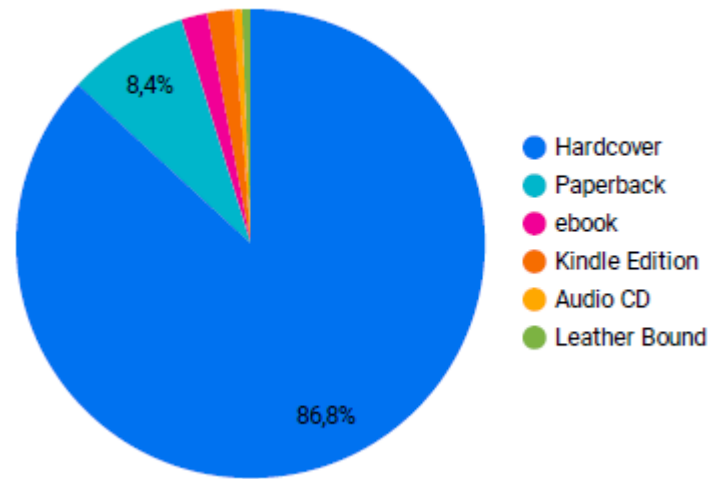
- It looks like the **number of ratings** and the **number of reviews** within each genre show **direct proportionality**.
- While the **number of votes** and the **number of reviews** or the **number of votes** and the **number of ratings** do not show **direct proportionality**.

Book analysis



- The book that many people vote for does not necessarily have a higher rating.

Book analysis



- Overall, it can be seen that the **bestsellers** are **hardcover**.
- But the majority of **romantic bestsellers** are **paperbacks**. While **poetry** also has **paperback** books.

- **Surprising facts:**

- There is **no correlation** between the **number of books** published by an author and the **number of bestsellers** of the author.
 - There is **no correlation** between the **number of authors' followers** and the **number of books** published by an author.
 - There is **no correlation** between the **number of bestsellers** published by an author and the **number of followers** of the author.
 - The **number of ratings** and the **number of reviews** within each genre show **direct proportionality**.
-
- Just because the authors of a genre have many books does not mean that they have many followers.
 - The most popular genre differs every year.
-
- Bestsellers were also published in e-book, audio-cd, kindle and leather-bound formats.