

# Recent Genre Based Categorized Comparisons of Bollywood Movies Through Radar Plots

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**Abstract-** In this paper, the recent genre based categorized comparisons of Bollywood movies (Hindi Movies) releasing between 2010- 2015 is presented through radar plots. The aim of this paper is to analyze number of Bollywood movies with different genre being released every year and to know which genre is more dominating in the industry. The recent genre such as action, comedy, drama, horror, thriller, romance is taken into consideration for comparison, while the rest of the genre is considered in other category. Recent Bollywood movies according to their genre are studied statistically and the compared results are graphically provided. Results of paper summarize which categories of movies are more popular in Indian locality.

**Key Words-** Genre; Bollywood; Hindi Movies; Tabular Analysis; Graphical Analysis.

## I. INTRODUCTION

Bollywood name is derived from the name of the city 'Bombay' and the name of "American film industry" i.e. 'Hollywood' (Bombay + Hollywood = Bollywood) [1]. From several decades Bollywood has been a major and popular entertainment source for people. Bollywood is the sobriquet for the Hindi language film industry based in Bombay (now called as Mumbai) Maharashtra [1]. The term Bollywood often incorrectly used as a synecdoche to refer to the whole of Indian cinema; however, it is only a part of the Indian film industry, which includes other production centres producing films in many language [2] [6]. It is the largest film producers in India and one of the mass film producers in the world in terms of amount of peoples employed and number of films produced it is more formally referred as Hindi cinema Industry[3]- [5].

Bollywood movies are not only restricted with in Indian boundaries but also many of them are released worldwide. The movies are mostly inspired by Indian history, stories of legends, social messages [6]-[7]. The purpose of movies may be for entertainment, socio-economical issues, environmental issues, politics, crimes and detective cases [7]- [8]. According to story, content and scenes movies may be classified into different types of grades such as A, U and U/A by Central Board of Film Certification (CBFC), commonly called as censor board [1]-[9].

'U/A' grade (unrestricted public exhibition but with parental guidance) will be issued if film is meant for audience above 12 years [9]. These movies must be watch under parental control for age below 12 years. This type of movies may

contain little amount of nudity, vulgarity and brutality. 'U' grade (Unrestricted public exhibition) will be issued if movies are suitable for unrestricted viewing. These types of movies do not contain any kind of nudity, vulgarity or brutality, so that anyone can watch these types of movies and there is no age bar to watch [9]. 'A' grade ( Adult only) will be issued if film are suitable only to audience aged 18 and above. These types of movies contain nudity, vulgar and brutal scenes also romance beyond limit. That is why 'A' grade movies are strictly prohibited for people below 18 [9].

The movies are rated exclusively by the viewers, some TV channels and news papers according to the box office reviews. The viewers give preference to the leading character of movie then to the story as sometimes the story is preferred before the lead role. There is no interrelation between movie category and its ratings. The ratings completely depend on story, screen play, acting, dialog delivery, photography, direction and music composition. The perfect blend of comedy, drama, thrill, emotions, horror, action & romance makes movie a complete package of entertainment.

Some of the movies get best reviews only for the songs or dance performed in movies but the story lapse to entertain the audience. In late 1960s & 1970s, romantic and action movies were produced. Where as in 90s, comedy movies banged the box office and started a new era of comedians. Now in present condition, all kind movies are being produced and are successfully earning a place in viewer's heart. Back from 1970's to the very moment, many genres have raised based on new stories [5]-[8]. Henceforth movies can also be classified as per the genre. This paper leads to the

genre wise categorisation of Bollywood movies in recent years for detail analysis.

This paper is organised as follows: Brief introduction of “Bollywood Industry” is provided in section I. The details are mentioned about the genre of Bollywood movies in section II. Bollywood movies released between years 2010-2015 are compared according to genre, as well as statistic and graphical comparisons are also provided in section III. Finally, conclusion is provided in section IV.

## II. RECENT GENRE TYPES

The movies released in these years are classified in seven genres. There are six major genres like action, comedy drama, horror, thriller and romance which incorporate almost all movies. The movies which cannot be classified under any of the genre above are classified under other genre. The introduction of these genres is discussed in this section.

### a) Action

Action films are basically character oriented films in which leading character give heroic performance. These films includes fighting, bloodshed, deadly races and stunts, distraught chases etc. generally there are two main characters in such films in which hero earn a victory at the ending of the film by killing or arresting other character in negative role of villain.

### b) Comedy

These films are much prominent on the jocularity. Target of these films is to make audience laugh through amusement enhancing the humor. The characters in these films possess a style which can even make saddest things funny. This is one of old genre of movies which is popular from the starting of era of moving picture in form of silent or black and white comedy. Not like other genres, comedy focused more on dialogues and humor rather than star cast, emotion and story. Comedy genre has no particular theme; in fact comedy movie can be created on any theme highlighting its comic side.

### c) Drama

Drama genre deals with the human emotions of realistic characters. Drama is movie category having leading characters or main characters related to story facing problems or issues at critical points of their life. These films contain stories based on emotions, addictions, hope, tragedy, poverty, woman empowerment, violence, corruption etc. Drama is a very wide genre with remarkable number of production of movies under it.

### d) Horror

This genre deals with fears of the audience. These films generate glimpses of negative emotions to create a terrifying feeling. These kinds of films are very entertaining and popular over centuries. Themes of such films might be with deaths, unknown fears, terror, nightmares, imaginary creatures, psychopaths, monsters, zombies, evil witches and ghosts. Though these movies are based on negative or horrifying aspects but these movies are one of the most demanding genre.

### e) Romance

This genre comprises of the love stories showing passion, affection and genuine emotions. Most of the movies falling under this type of genre show a journey of loved ones from friendship, dating and marriage. Romance film make strong and passionate love stories in which couples may face problems such as physical illness, accidents, family problems etc. most of the romantic stories have a happy ending in which love last forever in the lives of characters. The themes of such movies are love at first side, one sided love, obsessive love, spiritual love, sentimental love, destructive love, tragic love etc.

### f) Thriller

The main attraction of thriller movie is its vivid fluctuation of the mood or mindset of audience about the characters in film. These films give a wonderful blend of suspense, surprise, sudden twists in story, excitement and panics. Specialty of such is it keeps preconception of the audience till the climax of movie, hence these movies are never out of market. Thriller films contain mystery, suspense, critical crime cases etc.

### g) Others Genres

The movies which cannot be classified under genre specified above or may be classified into more than two genres. These movies might be falling under categories like biography, history, religion based etc.

Most of the Bollywood movies fall under these six genres and can be classified amongst them. The next section of the paper gives the detailed classification of movies from year 2010-2015 from which most popular and demanding genre can be determined.

## III. CATEGORIZED COMPARISON OF RECENT GENRE

Categorized comparison of recent genre of the Bollywood movies released in 2010-2015 is briefly discussed in this section using radar Graphs.

In Fig.1(a)-(f) radar plots of the all the movies falling under action genre is shown with data

showing the number of movies released per month of year 2010-2015. From the graph it is observed that the number of action movies released in 2010 decreases gradually in years 2011 and 2012. In 2013 there is a remarkable growth in number of action movies and it again increases in year 2014. But in 2015 the number of action movies released decreases rapidly.

In Fig.2(a)-(f) radar plots of the all the movies falling under comedy genre is shown with data showing the number of movies released per month of year 2010-2015. Because of complete entertainment package comedy movies released are bit consistent in number. Comedy movies in 2011 and 2012 are constant and are more than 2010. There is decrement in number by year 2013. It increases again to a very high in year 2014 and again decreases rapidly with 2015.

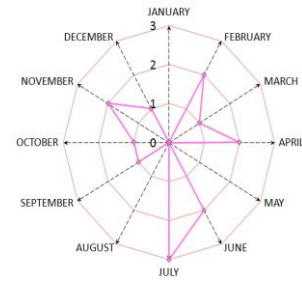
In Fig.3(a)-(f) radar plots of the all the movies falling under drama genre is shown with data showing the number of movies released per month of year 2010-2015. From the graph it is observed that there is decrement in number of movies in years 2012 and 2013 as compared it 2010. The number of movies in 2014 increase to a high value and again decrease a little in 2015.

In Fig.4(a)-(f) radar plots of the all the movies falling under horror genre is shown with data showing the number of movies released per month year 2010-2015. The horror movies released in every year is very less as compared to other genre of movies. The number of movies is almost constant from year 2010 to 2013. In 2014, this number goes very high and falls down again in 2015.

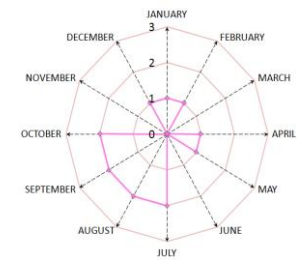
In Fig.5(a)-(f) radar plots of the all the movies falling under romantic genre is shown with data showing the number of movies released per month year 2010-2015. Romantic movies are sort of independent category of movie as there is almost fixed number of movies released in every year is same for years 2010-2014. There is sudden reduction in number by year 2015.

In Fig.6(a)-(f) radar plots of the all the movies falling under thriller genre is shown with data showing the number of movies released per month year 2010-2015. There is successive and massive growth in number of movies in 2010, 2012 and 2013. This number abruptly slowdown in year 2014 and maintains almost same in 2015.

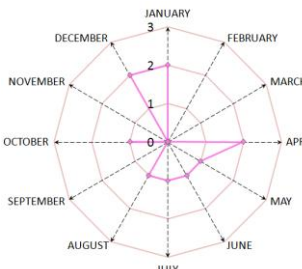
Fig.7 (a)-(f) shows graphs of other genre of movies which cannot be classified under genre given above but have a significant number to take in account for classification.



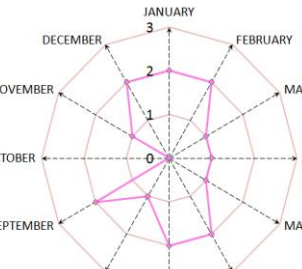
(a) 2010



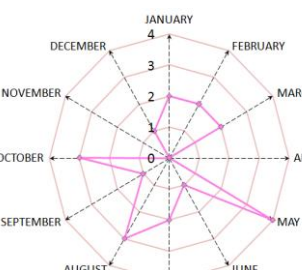
(b) 2011



(c) 2012



(d) 2013



(e) 2014

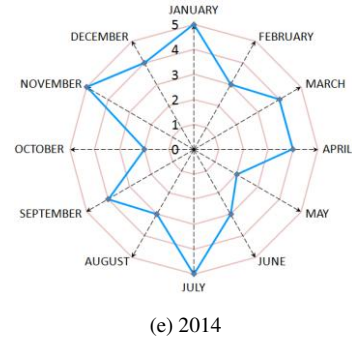
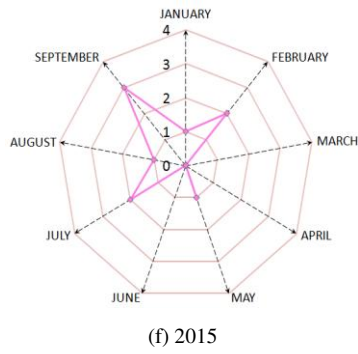


Fig1. (a)-(f) Radar plots of the all the Action movies genre the number of movies released per month of year 2010-2015.

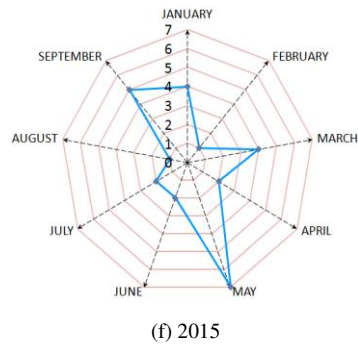
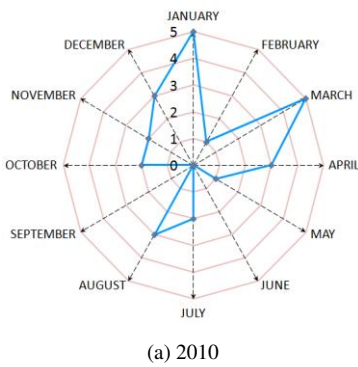
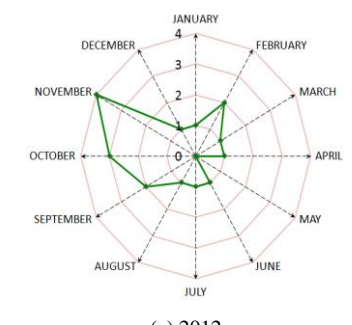
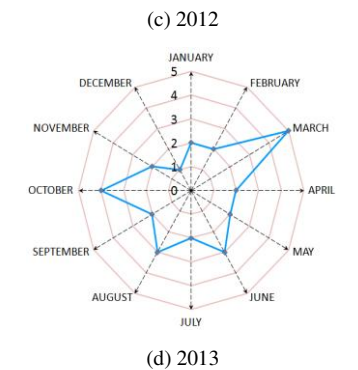
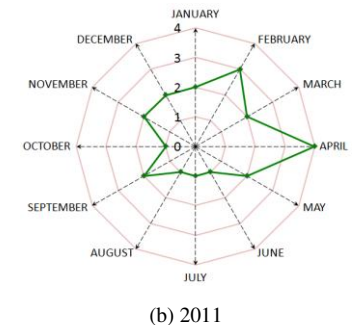
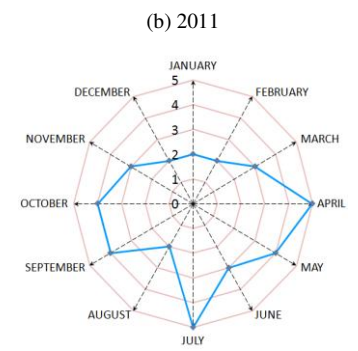
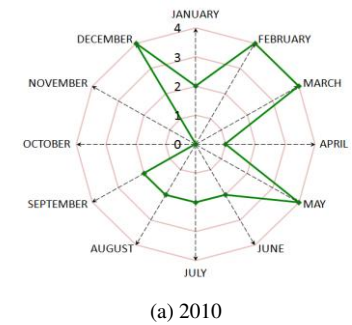
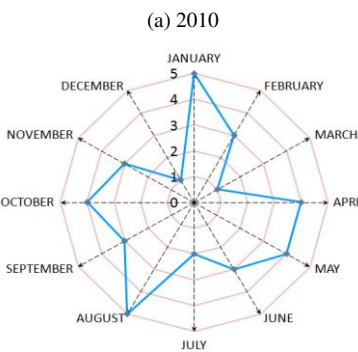
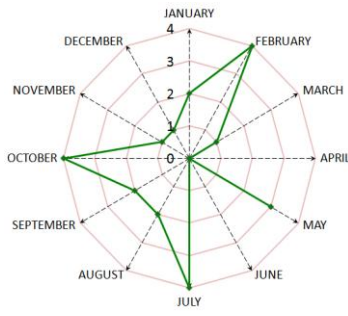
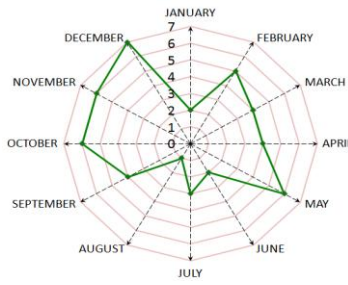


Fig2. (a)-(f) Radar plots of the all the Comedy movies genre the number of movies released per month of year 2010-2015.

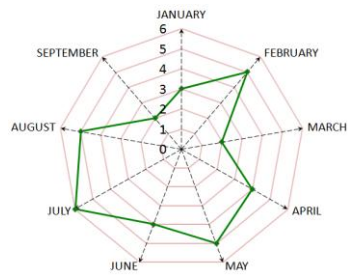




(d) 2013

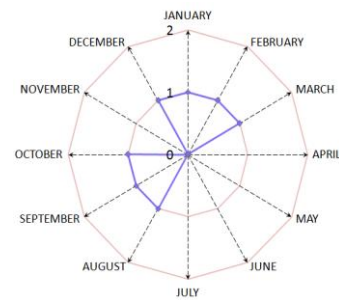


(e) 2014

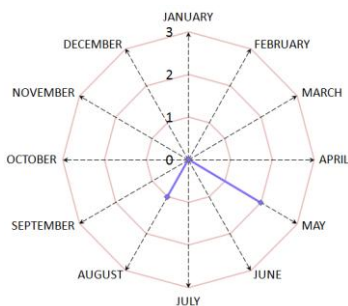


(f) 2015

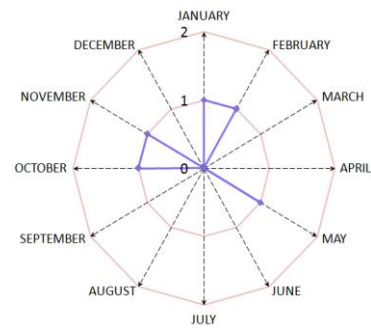
Fig3. (a)-(f) Radar plots of the all the Drama movies genre the number of movies released per month of year 2010-2015.



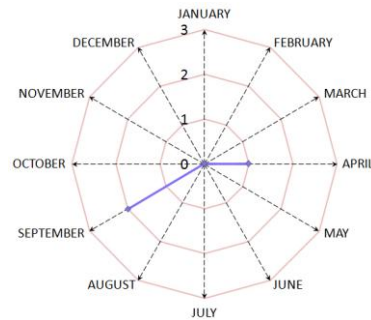
(a) 2010



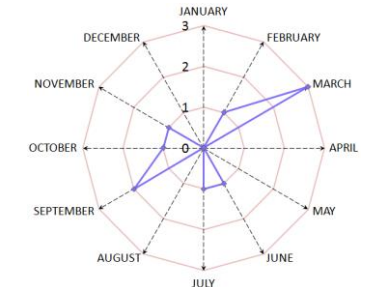
(b) 2011



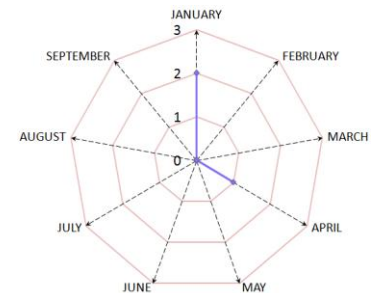
(c) 2012



(d) 2013

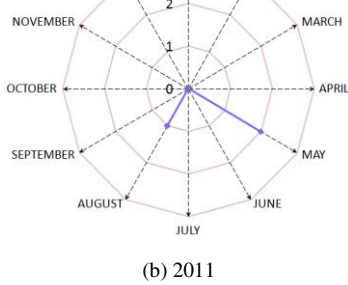


(e) 2014

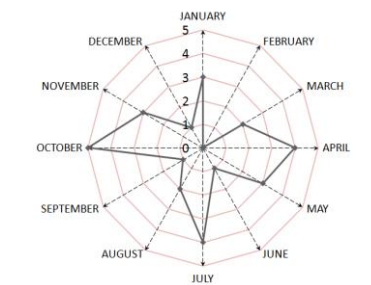


(f) 2015

Fig4. (a)-(f) Radar plots of the all the Horror movies genre the number of movies released per month of year 2010-2015.



(a) 2010



(a) 2010

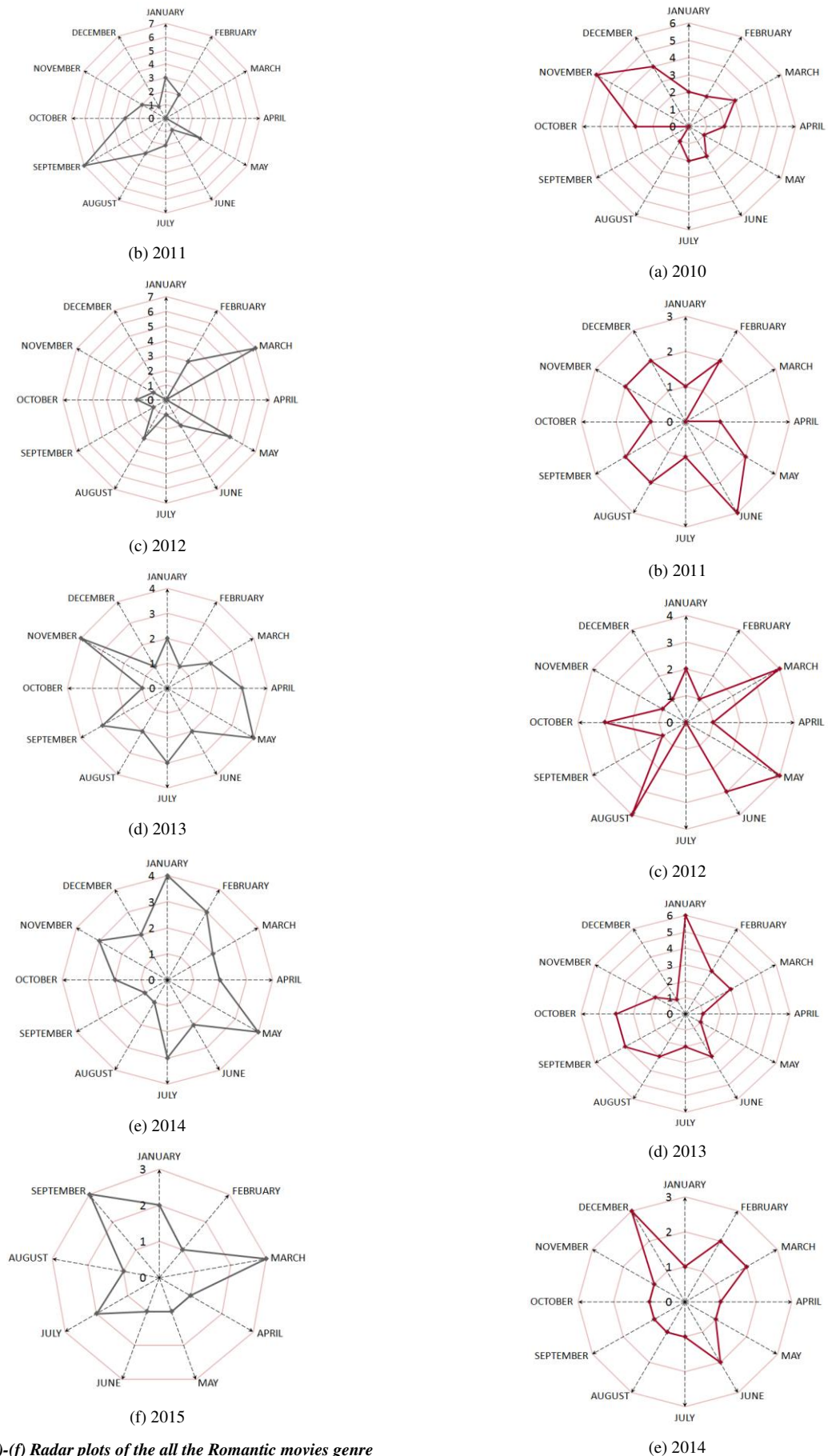


Fig5. (a)-(f) Radar plots of the all the Romantic movies genre the number of movies released per month of year 2010-2015.

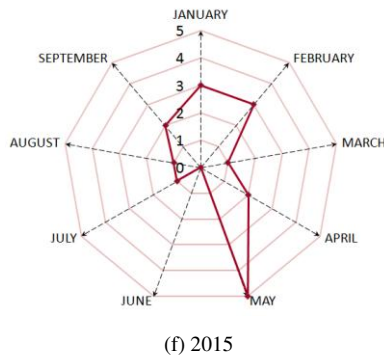
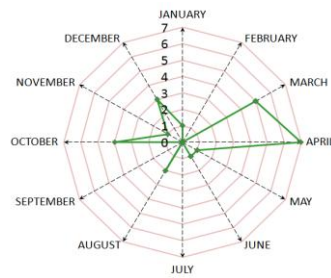
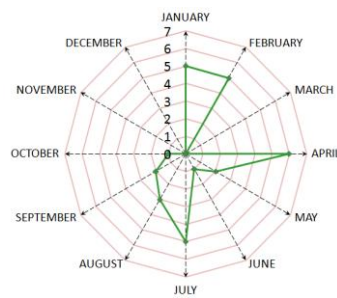


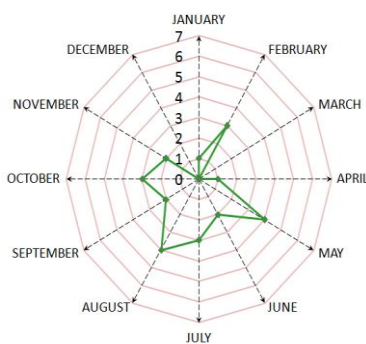
Fig. 6. (a)-(f) Radar plots of the all the Thriller movies genre the number of movies released per month of year 2010-2015.



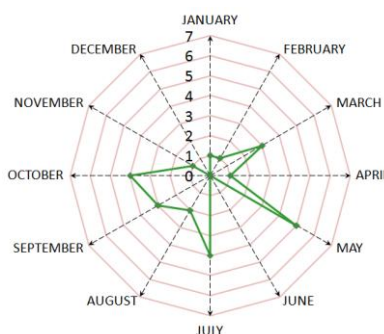
(a) 2010



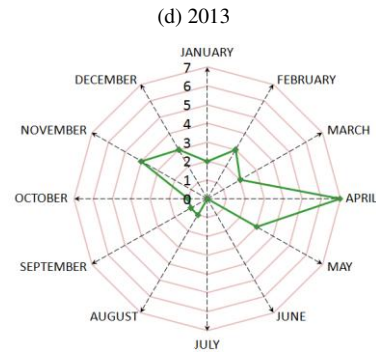
(b) 2011



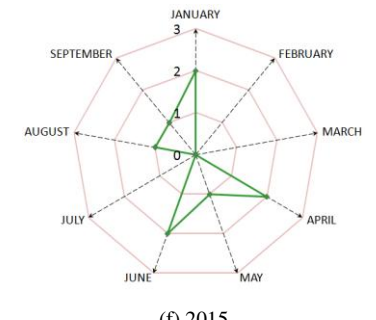
(c) 2012



(d) 2013



(e) 2014



(f) 2015

Fig. 7. (a)-(f) Radar plots of the all the other movies genre the number of movies released per month of year 2010-2015.

#### IV. CONCLUSIONS

This paper presents a comparative study of Bollywood movies genre releasing between 2012-2015 through radar plot. From the analysis of the radar plots it can be concluded that comedy is the genre having maximum number of movies released for years 2011 and 2012, it also second most popular in years 2013, 2014 and third most demanding in year 2010. After comedy romance genre is predominant as the number of romantic movies is highest in year 2010 and favoured than other genre in 2011, 2012, 2013 and 2014. Thriller and drama genre are moderately popular with a good number of movies released each year. The synthesis of graphs shows that action is genre with less number of movies released in all the years. Though horror movies released every year are least but they are very demanding in the audience.

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