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A Study for Different Crime against women in India by using PROMETHEE Methods

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Abstract: Crime against women in India Most of the cases in 2021 will be kidnapping and kidnapping, rape, domestic violence, dowry deaths and assaults, the report said. Also, 107 girls were subjected to acid attacks, 1,580 girls were kidnapped, 15 girls were sold and 2,668 girls were victims of cybercrimes. One of the most common crimes in India is rape. Penile rape under the Criminal Law (Amendment) Act, 2013 and defines as non-penile penetration. lady's frame openings without her consent. According to the National Crime Archives, a female is raped every 20 mins in India. For the purposes of this sub-phase, "dowry" means Dowry Prohibition Act, 1961 (28 of 1961) same as in section 2. (2) One who causes loss of life by dowry in 2021; nearly 6.8 thousand cases of dowry death were reported in India. This has been a gradual decline since 2014, when the number was around 8.5 thousand. One of the most common crimes in India is rape. Penile rape under the Criminal Law (Amendment) Act, 2013 and defines as non-penile penetration. PROMETHEE (Priority Ranking System Method for Crime against women in India) About PROMETHEE methods and usage to uncover current research to classify and explain A classification scheme and a comprehensive literature review is presented in this Alternative of Dowry Deaths, Abetment to Suicide of Women, Miscarriage, Acid Attack, Attempt to Acid Attack and Evaluation of parameters in Cases Sent for Trial during the year - Col. (4) 2021, Cases Sent for Trial during the year - Col. (4) 2020, Cases Sent for Trial during the year - Col. (4) 2019, Cases Sent for Trial during the year - Col. (4) 2018, Cases Sent for Trial during the year - Col. (4) 2017. Acid Attack is got the first rank whereas is the Abetment to Suicide of Women is having the Lowest rank.

Keywords: Crime against, women in India, hydration materials, against women

1. Introduction

Crime towards Women are at the forefront of faced in many countries of the world Social problems, esp It is severe in India is in India fallen 4 locations from 2018 to rank 112 on Global Gender in 2019-2020 interval code; Fitness and survival In dimensions, the whole of India Performance is poor, ranking a hundred and fifty out of 153 international locations inside the international. Violence towards women are traditionally unequal disclosure of family members between ladies and men, that have brought about men dominating and discriminating in opposition to women and hindering the overall development of girls, and violence in opposition to girls is an critical component of society. (United Nations, 2015) [2]. In 2011 census by separating the various recorded events, 2015 for spousal violence We calculated the crime rate one hundred, A country-stage variable of recent below-age marriages from the NFHS-4 became calculated by the percentage of girls elderly 20 to 24 who have been married earlier than the criminal age of marriage for women in India changed into 18 [4]. Often applications aren't coordinated, ensuing in a gap In ensuring the safety of women our main contribution is to expand a whole machine that consists of three key factors Community participation in women security management Criminal analysis by improving Sketches Geographic Information Systems (GIS) Identify machine makes use of information generated from a cellular [6]. India has the 1/3 maximum quantity of porn viewing nations and the fourth maximum number of violent crimes. 12 Sexual abuse impacts women's physical and intellectual fitness, in addition to their sexual and reproductive fitness, within the quick and long term. As a end result, sexual harassment is taken into consideration a extreme public health trouble. Every day, approximately 93 women are raped in India. 13 There can be a hyperlink between porn addiction and the upward thrust in sexual crimes against women in India, as evidenced by the upward push in rape instances [3]. Crimes against women in India Transcendent jurisdiction of the Internet of this violation can be considered women and children. Surveys show that India has 52 million active Internet users, which reached 71 million in 2009. Among them, 8% and 7% of non-working women and 37% of all internet users have usage in 2009. Cyber Cafe10. It is a very common phenomenon that essential data of internet surfers is casually disclosed by cybercafé owners and then used for illicit commitments [1]. violations occur more frequently among humans If guardianship (Holt & Bassler, 2008) When these three key elements intersect, harm occurs resulting speech or violent expressions there is a high chance of such crimes taking place [7].

2. Crime Against women

In the new global gender shift, women are "stressed, Deception, Financial Desperation and Mental Manipulation" are trafficked with (Williams et al Many, 2010, p. 136). Pimps and others around the world Trafficked through sex traffickers Women domestic) are managed immediately they are black market tenants Are exploited by 1/3 events who are forced to fulfill

the wishes, even women are kidnapped, and boom for that reason Hormones are often administered. Thus, the commoditization of ladies is common on this international "multi-billion greenback shadow marketplace" (Hughes, 2000, p. 625) of buying, promoting and disposing of women [13]. We present the primary Collaborate towards VAW in a low and central profit environment Social and psychological readiness for movement a study of Systematic Mapping. As methods to VAW range significantly by means of context, such mapping is important. For instance, the percentage of respondents who believed it turned into justified overcoming their spouse in the event that accompanied by violence with help May be. As a whole, communities are well prepared to interact in network mobilization interventions to cope with VAW in our context [9]. Taken together, these kind of legal guidelines finally understand VAW, Respond and cope they fail. Criminal treatments cannot account for the bodily psychological damage 2 and the signaling impact of the crime on the victim. Individual Criminal cases are social and minimize group problems isolated answers, VAW through court processes a variety that cannot be captured without revealing the ways, and therefore cross ignored. As a end result, instead of providing a proactive solution to the trouble of VAW, those remedies watch for the recognizable manifestation of the various ways wherein women remain oppressed. Meanwhile, legal guidelines and public coverage responses remain at a watershed second as a result of waves of national outrage over widely publicized instances consisting of its collective rape Such answers Improve the bar VAW to be visible as a especially tricky form, and indeed, all VAW have to be considered difficult [8]. Given these limitations, the goal of the contemporary study turned into to study DV victimization rates and person-degree correlates of DV victimization among both SA males and females. Evidence generated through those person-level interactions can help practitioners broaden targeted DV by focusing on specific subgroups recognition intervention techniques (eg, elderly, very less educated or more developed persons) And attractive to both women and men in SA households. Wives are anticipated to nurture being concerned mothers and best housewives, Whereas men paint rough paintings and expected to help the family (Dasgupta, 2007). Women stay away from this activity If left, men control their wives Use violence, culturally specific Re-sex them to create continuity also has the right to force into roles (Ahmad-Stout et al., 2018; Roy, 2020). So, women Experiencing violence is often called "cultural" Can be rejected. In a study by Ahmed et al. (2004), 53% of women promoted patriarchal beliefs And their own pleasure in violence Not well known now. The authors (Roy & Choi, 2018) in a scoping assessment Conservative Gender-Activity and IPV-Support Attitudes to DV vulnerability in SA culture were identified as constant threat elements [11]. A discount in each the Amount For a sharp decline in diet Studies have provided evidence firstclass, meals inequity, and reduced intake of crucial commodities which includes milk and greens, leading to destructive fitness results for women and children (Ko, 2012). Seventy one percentage of girls in tribal regions and 59 percent of girls in non-tribal regions decreased food consumption all through drought [14]. Dowry Deaths: Dowry deaths seek advice from murder and suicide of married ladies in India and neighbouring nations due to countless disputes above dowry, a culture Practically, dowry in India It is an important part of marriage Dowry means "any belongings given or agreed to be given on the time of marriage, for or in reference to the wedding," (Jaising, 1995, p. 53). Women haven't any percentage and property goes although are various reasons for the dowry custom, none come ladies hold to revel in when it comes to dowry needs [16]. Dowry Deaths in Last Decade The agricultural north-eastern country of Bihar borders Nepal, even as records generation, lies in the southern a part of the use of a bordering the In the last decade from 2001 to 2011 as shown in the Indian ocean Dowry deaths on the rise in Bihar. a complete of 859 instances pronounced (103 consistent with 10 million population), and in 2011 Multiplied to 1413 by various events (136 per 10 million). On the contrary Dowry throughout this era Tamil Nadu has seen a decrease in murders. In 2001, the total was 191instances had been said in Tamil Nadu (31 in step with 10 million) however reduced to 152 cases (21 per 10 million) in 2011 [15]. Abetment to Suicide of Women: Information approximately suicide isn't restricted to web sites; It is likewise available in chat rooms. According to Munro, Norwegian young adults made a suicide % to leap into subsequently committed suicide inside the as described. In chat rooms Other reports that suicide threats were made have arrived. 5 Alao et al. described folks that got records approximately abnormal defined [19]. Suicide memories within the media approximately faked suicides are marked with the aid of bad concept and undifferentiated codes. This look at specializes in superstar suicides. It makes use of Entirely to Tarte's rules of imitation and of Pareto's idea of elitism basically a classification of celebrities Prepositions are drawn from a different identity principle, the use of Reference to mass culture values and ideals as factors. Imitation effect american entertainment and Politics is restricted to celebrities, now Artists, Villains and the Money Elite Not. Given to suicides the degree of exposure is relative to month-to-month suicides, however now not to the problems commonplace terrible intellectual fitness). By way of media visitors' suicidal temper become now not progressed within the easy guide the identity theory [17]. Earlier evaluations associated suicide with Actress Marilyn Monroe on suicides with an increase of 12% (Phillips, 1974). On the other hand 87 Televised Effects of suicide media of the literature analyzed Earlier viewpoints and simulated suicides, the maximum crucial have a look at of televised coverage to this point, blanketed national implicit critiques 1998; Phillips & Lesina, 1995; Phillips, Lesina, sixty five of sixty nine re &Pite, 1992; Birkis & impact includes famous evaluations or verbal descriptions of popular fashions [18]. Miscarriage: Miscarriage means pregnancy Fetes potential gestational age before coming of age ends spontaneously. This restriction is presently medically and legally equal to a human pregnancy finishing earlier than 24 weeks of thought. The contemporary edition of the Oxford English Dictionary Epidemiology is a branch of scientific technology that offers with epidemics and a plague is a ailment this is full-size amongst a population or community at a selected time and is produced by means of some unique reason that isn't not unusual. Is inside the decided on place. Sporadic miscarriage is Abnormalities of pregnancy not to worry, too affects one 4 pregnant women. Most are early level, happening earlier than 12 weeks of pregnancy [21]. The term 'miscarriage' is used for plenty Complications of early pregnancy, and neat in terms being present is very important. In 2005, Human European Society of Reproduction and Embryology (ESHRE) Revised terminology of early pregnancy events introduced a wonderful urine human Chorionic gonadotropin (hCG) or Pregnancy loss after elevated serum βhCG, However ultrasound or histological before validation, 'loss of biochemistry' is described as Generally these arise before 6 weeks of theory [22]. Growing proof suggests that miscarriage may be related to good sized and probably mental consequences. 50% of women who revel in a miscarriage suffer a few shape of psychological illness within the who miscarry experience Symptoms of rapid grief after miscarriage And pathological grief may follow. Elevated tension and depressive symptoms are common, and in 10e50% of humans after miscarriage Major depressive disorders have been reported Psychological signs and

symptoms 6 months after miscarriage the first lasts up to one year [25]. Acid Attack: During acid assault protons enter the concrete and dissolve solid hydration materials inside the binder and, depending on its mineral composition, combination. Hydroxyl ions in hydration merchandise are neutralized with the aid of protons. Acid attack takes area on the floor of concrete components, high binder content material and spatial distribution of concrete combination particles close to the floor can also have an effect on the corrosion price [27]. In 5% responses of acetic and sulphuric acids cylindrical models (F25 50 mm) for acid attack by drowning the resistance of the material was studied. Potency of acid solutions used internally check isn't same. An answer of sulfuric acid has a pH of zero.8 and is plenty stronger than an answer based on their concentration at the sensible use Sewer manufacturing material [28]. As there may be no general within the present investigation the resistance to acid attack was examined by way of immersing concrete samples exposure at the first 4 months after which at 6, 9 and twelve months [29]. Attempt to Acid Attack: It is normally believed that the intensity of deterioration of concrete by way of acid attack, along With Sulfuric acid attack, of advertising time to the square root is proportionate acid attack [32]. This acid attacks cement partitions, forming gypsum and ettringite, which amplify and reason serious damage to the sewer device. Produced by those microorganisms Sulfuric acid modified layerSpreads through and base Continuous impact on concrete [35]. Treatment, rehabilitation and built environments Strengthening is affected by acid for infrastructure authorities in areas Payment of finance charges. Infrastructure related Socioeconomic losses degradation because of acid reflux disorder exceed billions of dollars worldwide. In 1993, reviews indicated that acid rain prompted US\$five substantial all through Australia's coastal areas, of Australian people and industries A common place of residence [36]. To have a look at of lignite PA geopolymer mortars Resistance to sulphuric acid attack and effects cement mortar and 3 geopolymer Cement mortar three portland motors compared with [37]. This examine additionally Suicidal behaviour and various psychologies Risk Factors Adolescence The extent of suicide attempts examines predictors are for adolescent suicide attempts Threats are elements. Previous suicide attempts and suicidal ideation, depression, negative cognitions, Low self-esteem, less from the family Social assistance and stair climbing due to bodily illness had been a few of the strongest predictors (Levinsohn et al., 1994). Future suicide tries in youth 1 yr later. In the prevailing look at, we examined whether or not these risk elements affect lengthy-time period outcomes [38]. Lessons discovered from other efforts to guide social change. The team reviewed the literature on social alternate, social actions, social differences and social marketing to apprehend the relevance and applicability of creating alternate in vitamins and bodily pastime [39]. Lessons found out from different efforts to manual social change. The crew reviewed the literature on social alternate, social actions, social ameliorations and social advertising to understand the relevance and applicability of making alternate in vitamins and bodily hobby [40].

3. PROMETHEE

The PROMETHEE method of each criterion Takes. In this way, every criterion Can be evaluated on different grounds Operate. For example, most better conclusions can be drawn. PROMETHEE I identifies incomparable and neglected alternatives by creating an Area Ranking, PROMETHEE Complete for alternatives Provides ranking [15]. The MCDA process, using the PRO METHEE technique, generally follows the following sequence: (i) selecting DMs weighing the criteria, evaluating the effectiveness of alternatives against the criteria, selecting common values and related negligence and optional values for each criterion ion, using PROMETHEE where necessary, sensitivity analysis Making and final decision making. The primary difference between the PROMETHEE method and other MCDA techniques is the use of common criterion functions [16]. The PROMETHEE method is well known This is the outreach-based approach Decision making for decision makers Provides support for resolution, issues through a valuable outreach relationship. This relationship is based on the pairing sequences Between alternatives and PROMETHEE mode Defines custom framework. PROMETHEE The system is very much in the process of making complex decisions Is useful, especially Human in real world MADM problems Subjective judgment of consciousness and experts [17]. PROMETHEE alternatives are comparable. Positive and between negative outgoing flows Sort of alternatives by balance in Hand flow is used [18]. Taking into account the PROMETHEE Criterion Performance Uncertainty in values; However, it is very difficult for users to select common criteria functions for each criterion and the associated limits, resulting in additional uncertainty. Therefore, to overcome this, they are based on reliability Proposed the approach, which is PROMETHEE The firmness of the solution obtained from Help the decision maker to explore the character [19]. The PROMETHEE family was first created by 1982 in Quebec, Canada France at the conference, including PROMETHEE I for alternative rankings and PROMETHEE while the PROMETHEE VE, PROMETHEE for the problems of the segment, is the PROMETHEE VEO for alternatives. Of the many criteria currently in place, PROMETHEE methods are the most important. The number of practitioners who use these methods for problems that determine multiple criteria in practice, and the number of returnees who are developing each year. See notes) and conference presentations using one or more PROMETHEE methods [20]. Selection of each criterion Activity Exam in PROMETHEE A function of each criterion is often Nature of criteria and the decision maker is determined predefined There are six categories exams processes, most of which include the following criteria: standard scale, semi-scale, linear priority criterion, Level scale, linear The area of [21]. The Prometheus method is portfolio complexity Most widely used for applications One of the outlined methods. Relatively few publications Portfolio selection methods directly based Although found to contain this type of in which it is analysed and its irreversibility. The present article [22]. At PROMETHEE, we encounter more than seven Sometimes too large to cover criteria Evaluation tables. At that point, the decision will be made PROMETHEE a to help solve problems Becomes a black box. in this situation, if a wood-structure is adopted, it can be seen as an extension of PROMETHEE [23].

4. Analysis and Discussion

TABLE 1. Crime against women in India

	Cases Sent for Trial during the year - Col. (4) 2021	Cases Sent for Trial during the year - Col. (4) 2020	Cases Sent for Trial during the year - Col. (4) 2019	Cases Sent for Trial during the year - Col. (4) 2018	Cases Sent for Trial during the year - Col. (4) 2019
Dowry Deaths	1550	1650	75.6	57.8	63.5
Abetment to Suicide of					
Women	1350	1480	60.6	86.5	95.3
Miscarriage	1560	1950	40.5	97.8	88.6
Acid Attack	1750	1750	50.5	90.5	98.4
Attempt to Acid Attack	1560	1350	67.6	50.6	69.79
Max	1750	1950	75.6	97.8	98.4
Min	1350	1350	40.5	50.6	63.5
max-Min	400	600	35.1	47.2	34.9
	400	600	35.1	47.2	34.9

Table 1 shows the Crime against women in India Cases Sent for Trial during the year - Col. (4) 2021, Cases Sent for Trial during the year - Col. (4) 2020, Cases Sent for Trial during the year - Col. (4) 2019, Cases Sent for Trial during the year - Col. (4) 2018, Cases Sent for Trial during the year - Col. (4) 2017. Figure 1. shows Dowry Deaths, Abetment to Suicide of Women, Miscarriage, Acid Attack, Attempt to Acid Attack From the figure 1 and table 1 it is seen that Acid Attack is showing the Maximum Value for Cases Sent for Trial during the year - Col. (4) 2021 and Abetment to Suicide of Women is showing the minimum value. Miscarriage is showing the Maximum Value for Cases Sent for Trial during the year - Col. (4) 2020 and Attempt to Acid Attack is showing the minimum value. Dowry Deaths is showing the Maximum Value for Cases Sent for Trial during the year - Col. (4) 2019 and Miscarriage is showing the minimum value. Miscarriage is showing the Maximum Value for Cases Sent for Trial during the year - Col. (4) 2018 and Attempt to Acid Attack is showing the minimum value. Acid Attack is showing the Maximum Value for Cases Sent for Trial during the year - Col. (4) 2017 and Dowry Deaths is showing the minimum value.

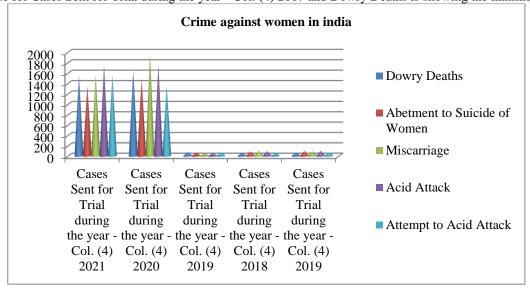


FIGURE 1. Crime against women in India **TABLE 2.** Normalized Matrix

	Cases Sent for Trial during the year - Col. (4) 2021	Cases Sent for Trial during the year - Col. (4) 2020	Cases Sent for Trial during the year - Col. (4) 2019	Cases Sent for Trial during the year - Col. (4) 2018	Cases Sent for Trial during the year - Col. (4) 2019
Dowry Deaths	0.5	0.5	1	0.15254	0
Abetment to Suicide of					
Women	0	0.2167	0.5726	0.76059	0.9112
Miscarriage	0.525	1	0	1	0.7192
Acid Attack	1	0.6667	0.2849	0.84534	1
Attempt to Acid Attack	0.525	0	0.7721	0	0.1802

Table 2 shows the Normalized matrix of Crime against women in India or Promethee the Normalization are shown in the above tabulation. Table 2 shows the default matrix of Prometheus for the Crime against women in India shown in the table above

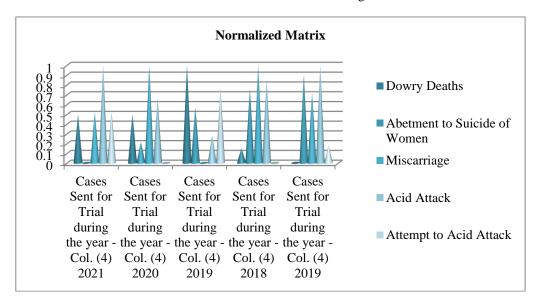


FIGURE 2. Normal matrix

Figure 2 shows the Normal matrix of the Crime against women in India for PROMETHEE Cases Sent for Trial during the year - Col. (4) 2021, Cases Sent for Trial during the year - Col. (4) 2020, Cases Sent for Trial during the year - Col. (4) 2019, Cases Sent for Trial during the year - Col. (4) 2018, Cases Sent for Trial during the year - Col. (4) 2017. Dowry Deaths, Abetment to Suicide of Women, Miscarriage, Acid Attack, Attempt to Acid Attack is also Normal matrix value.

TABLE 3. Pair wise Comparison

Pair wise Comparison							
			Cases Sent	Cases Sent			
	Cases Sent for	Cases Sent for	for Trial	for Trial	Cases Sent for		
	Trial during	Trial during	during the	during the	Trial during		
	the year - Col.	the year - Col.	year - Col.	year - Col.	the year - Col.		
	(4) 2021	(4) 2020	(4) 2019	(4) 2018	(4) 2019		
D12	0.5	0.2833	0.4274	-0.6081	-0.911		
D13	-0.025	-0.5	1	-0.8475	-0.719		
D14	-0.5	-0.1667	0.7151	-0.6928	-1		
D15	-0.025	0.5	0.2279	0.15254	-0.18		
D21	-0.5	-0.2833	-0.427	0.60805	0.9112		
D23	-0.525	-0.7833	0.5726	-0.2394	0.192		
D24	-1	-0.45	0.2877	-0.0847	-0.089		
D25	-0.525	0.2167	-0.199	0.76059	0.7309		
D31	0.025	0.5	-1	0.84746	0.7192		
D32	0.525	0.7833	-0.573	0.23941	-0.192		
D34	-0.475	0.3333	-0.285	0.15466	-0.281		
D35	0	1	-0.772	1	0.539		
D41	0.5	0.1667	-0.715	0.6928	1		
D42	1	0.45	-0.288	0.08475	0.0888		
D43	0.475	-0.3333	0.2849	-0.1547	0.2808		
D45	0.475	0.6667	-0.487	0.84534	0.8198		
D51	0.025	-0.5	-0.228	-0.1525	0.1802		
D52	0.525	-0.2167	0.1994	-0.7606	-0.731		
D53	0	-1	0.7721	-1	-0.539		
D54	-0.475	-0.6667	0.4872	-0.8453	-0.82		

Table 3 shows the Pair Wise Comparison of table 2 the Dowry Deaths, Abetment to Suicide of Women, Miscarriage, Acid Attack, Attempt to Acid Attack comparing each row with other row on the tabulation.

TABLE 4. Preference Value

Preference Value								
	0.2336	0.165	0.3355	0.102	0.042			
D12	0.1168	0.047	0.1434	0	0	0.307		
D13	0	0	0.3355	0	0	0.336		
D14	0	0	0.2399	0	0	0.24		
D15	0	0.083	0.0765	0.016	0	0.175		
D21	0	0	0	0.062	0.039	0.101		
D23	0	0	0.1921	0	0.008	0.2		
D24	0	0	0.0965	0	0	0.097		
D25	0	0.036	0	0.078	0.031	0.144		
D31	0.0058	0.083	0	0.087	0.03	0.205		
D32	0.1226	0.129	0	0.024	0	0.276		
D34	0	0.055	0	0.016	0	0.071		
D35	0	0.165	0	0.102	0.023	0.29		
D41	0.1168	0.028	0	0.071	0.042	0.257		
D42	0.2336	0.074	0	0.009	0.004	0.32		
D43	0.111	0	0.0956	0	0.012	0.218		
D45	0.111	0.11	0	0.086	0.035	0.342		
D51	0.0058	0	0	0	0.008	0.013		
D52	0.1226	0	0.0669	0	0	0.19		
D53	0	0	0.259	0	0	0.259		
D54	0	0	0.1634	0	0	0.163		

Table 4 shows the Performance value of the Dowry Deaths, Abetment to Suicide of Women, Miscarriage, Acid Attack, Attempt to Acid Attack When compare to all others. And the last one is the sum of the same row.

TABLE 5. Sum of Performance Value

TABLE 3. Built of 1 cholinance value							
	Dowry Deaths	Abetment to Suicide of Women	Miscarriage	Acid Attack	Attempt to Acid Attack		
Dowry							
Deaths	0	0.307	0.3355	0.23992	0.1746	1.05704	0.2114
Abetment to							
Suicide of							
Women	0.10072	0	0.2003	0.09654	0.1444	0.54196	0.1084
Miscarriage	0.20546	0.2765	0	0.07086	0.2902	0.84296	0.1686
Acid Attack	0.25747	0.3204	0.2185	0	0.3422	1.13844	0.2277
Attempt to							
Acid Attack	0.01348	0.1895	0.259	0.16345	0	0.62551	0.1251
	0.57712	1.0934	1.0132	0.57076	0.9514		
	0.11542	0.2187	0.2026	0.11415	0.1903		

Table 5 shows the sum of all rows and column are applied on the last row. The sum of all row of performance value is arranged above tabulation and the diagonal value is zero.

TABLE 6. positive flow, Negative Flow, Net flow

	positive flow	Negative Flow	Net flow	Rank
Dowry Deaths	0.21141	0.1154	0.095983141	2
Abetment to Suicide of Women	0.10839	0.2187	-0.110283791	5
Miscarriage	0.16859	0.2026	-0.034057452	3
Acid Attack	0.22769	0.1142	0.113535054	1
Attempt to Acid Attack	0.1251	0.1903	-0.065176952	4

Table 6 shows ranking Crime against women in India for the positive flow, Negative Flow, Net flow. Dowry Deaths, Abetment to Suicide of Women, Miscarriage, Acid Attack, Attempt to Acid Attack. In the above tabulation the Acid Attack is in the first rank and the last rank is Abetment to Suicide of Women

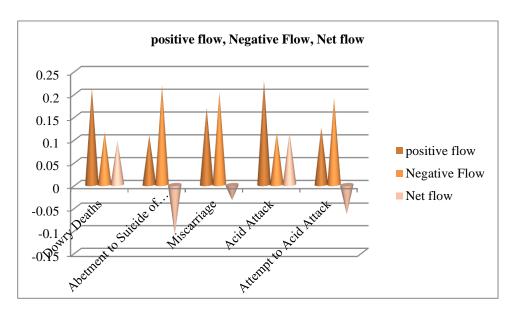


FIGURE 3. Crime against women in India flow Negative Flow Net flow

Figure 3 shows the Crime against women in India Positive flow, Negative flow, and Net flow. The Net flow value is Acid Attack is showing the highest Value. Abetment to Suicide of Women is showing the lowest Value.

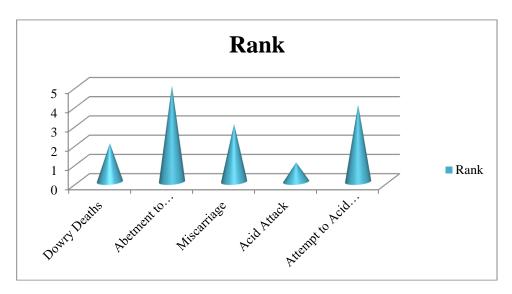


FIGURE 4. Shown the Rank

Figure 4 Shows the Ranking of Crime against women in India for using the analysis of PROMETHEE Method. Acid Attack is got the first rank whereas is the Abetment to Suicide of Women is having the Lowest rank.

5. Conclusion

Crime towards Women are at the forefront of faced in many countries of the world Social problems, esp It is severe in India is in India fallen 4 locations from 2018 to rank 112 on Global Gender in 2019-2020 interval code; Fitness and survival In dimensions, the whole of India Performance is poor, ranking a hundred and fifty out of 153 international locations inside the international. Violence towards women are traditionally unequal disclosure of family members between ladies and men, that have brought about men dominating and discriminating in opposition to women and hindering the overall development of girls, and violence in opposition to girls is an critical component of society. (United Nations, 2015). The PROMETHEE method of each criterion Takes. In this way, every criterion Can be evaluated on different grounds Operate. For example, most better conclusions can be drawn. PROMETHEE I identifies incomparable and neglected alternatives by creating an Area Ranking, PROMETHEE Complete for alternatives Provides ranking [15]. The MCDA process, using the PRO METHEE technique, generally follows the following sequence: (i) selecting DMs weighing the criteria, evaluating the effectiveness of alternatives against the criteria, selecting common values and related negligence and optional values for each criterion ion, using PROMETHEE where necessary, sensitivity analysis Making and final decision making. PROMETHEE (Priority Ranking System Method for Crime against women in India) About PROMETHEE methods and usage to uncover current research to classify and explain A classification

scheme and a comprehensive literature review is presented in this Alternative of Dowry Deaths, Abetment to Suicide of Women, Miscarriage, Acid Attack, Attempt to Acid Attack and Evaluation of parameters in Cases Sent for Trial during the year - Col. (4) 2021, Cases Sent for Trial during the year - Col. (4) 2020, Cases Sent for Trial during the year - Col. (4) 2019, Cases Sent for Trial during the year - Col. (4) 2018, Cases Sent for Trial during the year - Col. (4) 2017. Acid Attack is got the first rank whereas is the Abetment to Suicide of Women is having the Lowest rank

References

- [1]. Bhattacharyya, Antara, Sushil Kr Haldar, and Swapnendu Banerjee. "Determinants of crime against women in India: A spatial panel data regression analysis." Millennial Asia (2021): 09763996211003379.
- [2]. Ahmad, Jaleel, Nizamuddin Khan, and ArupendraMozumdar. "Spousal violence against women in India: A social–ecological analysis using data from the National Family Health Survey 2015 to 2016." Journal of interpersonal violence 36, no. 21-22 (2021): 10147-10181.
- [3]. Shenoy, Meetha V., Smriti Sridhar, Girish Salaka, Anu Gupta, and Rajiv Gupta. "A Holistic Framework for Crime Prevention, Response, and Analysis With Emphasis on Women Safety Using Technology and Societal Participation." IEEE Access 9 (2021): 66188-66207.
- [4]. Vinnakota, Divya, SM Yasir Arafat, Sujita Kumar Kar, MadhiniSivasubramanian, SayedaRazia Hossain, Ali DavodParsa, and Russell Kabir. "Pornography and sexual violence against women in India: a scoping review." Journal of psychosexual health 3, no. 3 (2021): 216-221.
- [5]. Misra, Rajat. "Cyber Crime Against Women." Available at SSRN 2486125 (2013).
- [6]. Kumar, Priya, AnatoliyGruzd, and Philip Mai. "Mapping out Violence Against Women of Influence on Twitter Using the Cyber–Lifestyle Routine Activity Theory." American behavioral scientist 65, no. 5 (2021): 689-711.
- [7]. Pal, Bhaswati, and Tarun Kumar Mondal. "Women's trafficking in twenty-first century India: A quest for regional variations." Asian Journal of Women's Studies 27, no. 1 (2021): 130-151.
- [8]. Gram, Lu, Proshant Chakraborty, NayreenDaruwalla, and David Osrin. "Social and psychological readiness to take collective action against violence against women: a mixed methods study of informal settlements in Mumbai, India." Violence against women 27, no. 15-16 (2021): 3176-3196.
- [9]. Agarwal, Ayushi. "The case for treating violence against women as a form of sex discrimination in India." International Journal of Discrimination and the Law 21, no. 1 (2021): 5-25.
- [10]. Rai, Abha, and Y. Joon Choi. "Domestic violence victimization among south Asian immigrant men and women in the United States." Journal of interpersonal violence 37, no. 17-18 (2022): NP15532-NP15567.
- [11]. Algur, KisanDilip, Surendra Kumar Patel, and Shekhar Chauhan. "The impact of drought on the health and livelihoods of women and children in India: A systematic review." Children and Youth Services Review 122 (2021): 105909.
- [12]. Lakhera, Chitra. "Ecopsychological Pathologies: Dowry Deaths in the Indian Subcontinent." Ecopsychology 13, no. 1 (2021): 1-8.
- [13]. Alao, Adekola O., Maureen Soderberg, Elyssa L. Pohl, and Abosede Lola Alao. "Cybersuicide: review of the role of the internet on suicide." CyberPsychology&Behavior 9, no. 4 (2006): 489-493.
- [14]. Stack, Steven. "Celebrities and suicide: A taxonomy and analysis, 1948-1983." American sociological review (1987): 401-412.
- [15]. Stack, Steven. "Suicide in the media: A quantitative review of studies based on nonfictional stories." Suicide and Life-Threatening Behavior 35, no. 2 (2005): 121-133.
- [16]. Regan, Lesley, and Raj Rai. "Epidemiology and the medical causes of miscarriage." Best practice & research Clinical obstetrics & gynaecology 14, no. 5 (2000): 839-854.
- [17]. Larsen, Elisabeth Clare, Ole Bjarne Christiansen, Astrid Marie Kolte, and Nick Macklon. "New insights into mechanisms behind miscarriage." BMC medicine 11, no. 1 (2013): 1-10.
- [18]. Murphy, Fiona A. "The experience of early miscarriage from a male perspective." Journal of clinical nursing 7, no. 4 (1998): 325-332.
- [19]. Beddoe, Robin E., and Horst W. Dorner. "Modelling acid attack on concrete: Part I. The essential mechanisms." Cement and concrete research 35, no. 12 (2005): 2333-2339.
- [20]. Bakharev, Tanya. "Resistance of geopolymer materials to acid attack." Cement and concrete research 35, no. 4 (2005): 658-670.
- [21]. Bakharev, Tanya, Jay G. Sanjayan, and Y-B. Cheng. "Resistance of alkali-activated slag concrete to acid attack." Cement and Concrete research 33, no. 10 (2003): 1607-1611.
- [22]. Chang, Zhen-Tian, Xiu-Jiang Song, Robert Munn, and MartonMarosszeky. "Using limestone aggregates and different cements for enhancing resistance of concrete to sulphuric acid attack." Cement and concrete research 35, no. 8 (2005): 1486-1494.
- [23]. Grandclerc, Anaïs, Patrick Dangla, MarielleGueguen-Minerbe, and Thierry Chaussadent. "Modelling of the sulfuric acid attack on different types of cementitious materials." Cement and Concrete Research 105 (2018): 126-133.
- [24]. Hadigheh, Seyed Ali, R. J. Gravina, and Scott T. Smith. "Effect of acid attack on FRP-to-concrete bonded interfaces." Construction and building materials 152 (2017): 285-303.
- [25]. Sata, Vanchai, AphaSathonsaowaphak, and PrinyaChindaprasirt. "Resistance of lignite bottom ash geopolymer mortar to sulfate and sulfuric acid attack." Cement and Concrete Composites 34, no. 5 (2012): 700-708.

- [26]. Lewinsohn, Peter M., Paul Rohde, John R. Seeley, and Carol L. Baldwin. "Gender differences in suicide attempts from adolescence to young adulthood." Journal of the American Academy of Child & Adolescent Psychiatry 40, no. 4 (2001): 427-434.
- [27]. Economos, Christina D., Ross C. Brownson, Michael A. DeAngelis, Susan B. Foerster, Carol Tucker Foreman, Jennifer Gregson, Shiriki K. Kumanyika, and Russell R. Pate. "What lessons have been learned from other attempts to guide social change?." Nutrition Reviews 59, no. 3 (2001): S40-S56.
- [28]. Kessler, Ronald C., Guilherme Borges, and Ellen E. Walters. "Prevalence of and risk factors for lifetime suicide attempts in the National Comorbidity Survey." Archives of general psychiatry 56, no. 7 (1999): 617-626.
- [29]. Dağdeviren, Metin. "Decision making in equipment selection: an integrated approach with AHP and PROMETHEE." *Journal of intelligent manufacturing* 19, no. 4 (2008): 397-406.
- [30]. Hyde, Kylie, Holger R. Maier, and Christopher Colby. "Incorporating uncertainty in the PROMETHEE MCDA method." *Journal of Multi-Criteria Decision Analysis* 12, no. 4-5 (2003): 245-259.
- [31]. Feng, Feng, Zeshui Xu, Hamido Fujita, and Meiqi Liang. "Enhancing PROMETHEE method with intuitionistic fuzzy soft sets." *International Journal of Intelligent Systems* 35, no. 7 (2020): 1071-1104.
- [32]. Lopes, Ana Paula F., María M. Muñoz, and PilarAlarcón-Urbistondo. "Regional tourism competitiveness using the PROMETHEE approach." *Annals of Tourism Research* 73 (2018): 1-13.
- [33]. Anand, Gapesh, and RambabuKodali. "Selection of lean manufacturing systems using the PROMETHEE." *Journal of modelling in management* (2008).
- [34]. De Keyser, Wim, and Peter Peeters. "A note on the use of PROMETHEE multicriteria methods." *European journal of operational research* 89, no. 3 (1996): 457-461.
- [35]. Albadvi, Amir, S. Kamal Chaharsooghi, and Akbar Esfahanipour. "Decision making in stock trading: An application of PROMETHEE." *European journal of operational research* 177, no. 2 (2007): 673-683.
- [36]. Vetschera, Rudolf, and AdielTeixeira De Almeida. "A PROMETHEE-based approach to portfolio selection problems." *Computers & Operations Research* 39, no. 5 (2012): 1010-1020.
- [37]. Macharis, Cathy, Johan Springael, Klaas De Brucker, and Alain Verbeke. "PROMETHEE and AHP: The design of operational synergies in multicriteria analysis.: Strengthening PROMETHEE with ideas of AHP." *European journal of operational research* 153, no. 2 (2004): 307-317.