



Article

# The men and women, guys and girls of the 'manosphere': A corpus-assisted discourse approach

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## Alexandra Krendel

Lancaster University, UK

#### **Abstract**

This study investigates how the lemmas woman, girl, man and guy are used to discursively represent and construct gender identities in an anti-feminist forum on the discussion website Reddit. The lemmas were analysed using corpus-assisted social actor analysis and appraisal theory. Similarities and differences within three sub-communities of the TRP subreddit were considered: Men's Rights (activists who believe that men are systemically disadvantaged in society), Men Going Their Own Way (who abstain from relationships with women), and Red Pill Theory (primarily pick-up artists).

The corpus was characterised by bare assertions about gendered behaviour, although the masculine gender role was less well-defined than the feminine one. Women and girls were dehumanised and sexually objectified, negatively judged for morality and veracity, and constructed as desiring hostile behaviour from male social actors. Conversely, men were constructed as victims of female social actors and external institutions and, as a result, as unhappy and insecure.

## Keywords

Appraisal theory, corpus linguistics, critical discourse analysis, 'manosphere', online sexism, Reddit, social actor analysis, systemic functional linguistics

# **Content warning**

This study mentions sexual assault and rape. Inspired by Jane's (2014) discussion of sexist 'e-bile', I believe that showing full examples from my data is valuable so that the sexist nature of the data is not masked, and is thus taken seriously. Full examples begin in the *Methodology* section.

#### Corresponding author:

Alexandra Krendel, Lancaster University, Lancaster LA1 4YW, UK.

Email: a.krendel@lancaster.ac.uk

## Introduction

This study explores how men's rights activists, male separatists and pick-up artists represent and construct male and female social actors in relation to each other, what actions and attitudes these actors are ascribed, and how they are evaluated. This article thereby contributes to a growing literature on the online anti-feminist network known as the 'manosphere' (an internally applied label, which assigns global status to the movement). According to Ging (2017), the 'manosphere' has five distinct groups: men's rights activists (who believe that men are systemically disadvantaged in society), men-going-their-own-way (who abstain from relationships with women, hereafter referred to as MGTOW), pick-up artists (who seek to have sex with as many women as possible), traditional Christian conservatives and gamers/geeks. Ging (2017) separately considers involuntary celibates (incels), who are unable to find a romantic/sexual partner despite desiring one. Jane (2018) observed that these groups are united by a tendency to threaten women by referencing their perceived physical unattractiveness, sexual history, lack of intelligence, mental illness and misinformed political opinions.

The 'manosphere' community of interest for this study, the *TRP* subreddit, referred to as such to maintain its anonymity, describes itself as encouraging 'discussion of sexual strategy in a culture increasingly lacking a positive identity for men' (Van Valkenburgh, 2018: 2) and includes three sub-groups: *Men's Rights, Men Going Their Own Way*, and *Red Pill Theory* (primarily pick-up artists). *TRP* is characterised by reductive statements about both men and women, discussed below in the *Background* section. The *TRP* subreddit had approximately 300,000 regular subscribers before being 'quarantined' in October 2018, meaning that the subreddit is labelled as controversial, does not appear in *Reddit* searches (but is still accessible to those who know the link, and through search engines) and the subscriber count is hidden.

Following participation in the 'manosphere', a small minority of members have acted on their beliefs in the offline world in a way which constitutes criminal behaviour. For instance, one pick-up artist, Adnan Ahmed from Glasgow, was jailed in October 2019 for intimidating and assaulting women using pick-up artist tactics (BBC, 2019). There have also been several cases where incels, such as 23-year-old Elliot Rodger from Isla Vista, California, have committed mass murder to express their frustration at others having sexual and romantic relationships when they themselves cannot.

Ging (2017) observes that compared to the many journalistic articles on the 'manosphere' which express shock at its content, there are relatively few academic articles conducting empirical analyses. Furthermore, the majority of past literature on the 'manosphere' has investigated the content of 'manosphere' websites (summarised below in the *TRP and the 'manosphere'* section). By applying a deductive linguistic framework as opposed to a content analysis approach, I investigated how over 200 community members used non-specialist language to interpret the sexist beliefs the community is based on (Van Valkenburgh, 2018).

The article is structured as follows: I begin by discussing the previous research done on the 'manosphere', then I outline the corpus-assisted discourse analysis methodology that I used. I then discuss each gendered social actor term individually while considering the differences in use between the three sub-communities. I then conclude with my

overall findings, a discussion of the implications of using sexist language, and possible future directions for this research.

# **Background**

## TRP and the 'manosphere'

At the time of writing, two studies have been conducted on the *TRP* subreddit. Firstly, paying particular attention to scientific rationalisation based on evolutionary psychology and economics, Van Valkenburgh (2018) conducted an inductive content analysis of the 26 readings (approximately 130,000 words) that would-be members are required to be familiar with before participating on the *TRP* forum, according to the rules of the subreddit. The author found that the community argue that evolutionary psychology concepts (such as men seeking sexual contact whereas women seek commitment) are scientific truths that feminists deny, that feminism is a sexual strategy for women, and that women cannot love unconditionally whereas men can.

Van Valkenburgh (2018) also noted that *TRP* endorse Sexual Economics Theory, which states that women exchange sex with men for men's resources. Fetterolf and Rudman (2017) found that endorsing Sexual Economics Theory coincides with high scores on two scales: the 15-item Adversarial Heterosexual Beliefs Scale (Lonsway and Fitzgerald, 1995), which includes items such as 'it is natural for one spouse to be in the control of the other'; and Glick and Fiske's (1996) Ambivalent Sexism Inventory, which distinguishes between hostile sexism (negative stereotypes such as women being less capable than men) and benevolent sexism (positive stereotypes such as women being more caring than men).

Secondly, Dignam and Rohlinger (2019) used an inductive content analysis method to investigate 1762 comments from the four most popular posts in the years 2013 to 2016 from the *Field Reports* (where users share anecdotes of applying manosphere beliefs offline) and *Men's Rights* subsections of the *TRP* subreddit. As well as observing that women were dehumanised by the community, the authors found that members were encouraged to pursue individual acts of self-improvement, and discouraged from political involvement, although supporting Donald Trump was then encouraged for the 2016 US presidential election. Although these studies provide a window into the beliefs of *TRP*, the community has not yet been analysed using a systematic linguistic framework. This is also true for the past literature which considers the content of the three subcommunities, which is summarised below.

Analysing three men's rights activist websites, Gottel and Dutton (2016) found that activists argue that sexual violence is a gender-neutral problem, that false rape allegations against men are a widespread issue, that feminists are responsible for silencing men's voice in discussions on sexual violence, and that rape culture is a fictional concept made up by feminists. Thus, the men's rights activists of the 'manosphere' position themselves as a strongly anti-feminist movement, who argue that the legal system ignores male discrimination.

Turning to MGTOW, these men abstain from relationships with women to varying degrees, such as abstaining from marriage, long-term relationships, short-term

relationships, sexual contact and even all contact with women. In their inductive analysis of various *MGTOW* websites and interviews with community members, Lin (2017) found that *MGTOW* believe men are trapped in the role of silent breadwinners, and that society is 'gynocentric' (centred around women). However, according to Lin (2017), *MGTOW* do not seek to change this. In addition, they view themselves as empowered individuals who are less anger-driven than the wider 'manosphere' community.

Lastly, pick-up artists use formulaic tactics known as 'game' to convince women to sleep with them. Dayter and Rüdiger (2016: 338) gathered a corpus of 27 posts, comprising 37,000 words of running text, from the *Field Reports* section of a pick-up artist forum. They observed that the users were concerned with achieving physical intimacy as opposed to developing a mutual connection, and that the community use terms drawn from sales and marketing for kissing ('kiss-closed'), getting a woman's phone number ('number-closed') and chatting ('used the common travellers' lines'). This research demonstrates that pick-up artist terminology reveals the emotional distance that pick-up artists maintain from their targets.

Similar trends were found in Denes' (2011) analysis of the pick-up artist guide The Mystery Method: How To Get Beautiful Women Into Bed, as she observed two types of dehumanisation (Haslam, 2006) of women. Firstly, there is animalistic dehumanisation, in which uniquely human attributes such as logical thought and a sense of morality are denied, which results in animal comparisons. Secondly, we find mechanistic dehumanisation, in which individual agency and attributes which require emotion (such as compassion) are denied, which results in object/automata comparisons. Although Haslam (2006) considers these types as independent from each other, they overlap in *The Mystery* Method to reductively focus on sexual behaviour. Women are described as animals (typically cats) who can be trained to suit the desires of the pick-up artist, which amounts to animalistic dehumanisation. Furthermore, humans, but women in particular, are described as 'biological machines embedded within sophisticated behavioural systems designed to align with others to maximize their chances for survival and replication' (Denes, 2011: 415). This amounts to a combination of animalistic and mechanistic dehumanisation, as it is claimed that the sexual behaviour of all women results only from biological drives (hence animalistic), and that these animalistic drives are genetic in origin and solely focused on reproduction (hence mechanistic).

The three sub-communities of the 'manosphere' investigated in the previous literature are united by an understanding of biological essentialism which supports heteronormativity, the dehumanisation of women and anti-feminism. However, each sub-community responds to this worldview differently, and thus their conceptualisations of men and women may differ.

# Gendered social actors in general corpora of English

Past linguistic research has used a corpus-based approach to analyse representations of gendered social actors. For instance, Pearce (2008) used SketchEngine's Word Sketch tool (Kilgarriff et al., 2014) to analyse the pre-modifying and verbal collocates (as determined by LogDice score) of *man* and *woman* in the 100-million-word British National Corpus. Pearce (2008) found that *men* were represented in more powerful positions than

women, as physically strong, and as responsible for violence and crime, whereas women were more often identified as emotional, as romantic and sexual partners, as victims of physical abuse and sexual violence, and as physically attractive. Furthermore, both Pearce (2008) and Sigley and Holmes (2002) note that the singular man occurred more often than the plural, whereas the opposite was true for woman, suggesting that men are individualised more often than women.

This is further supported by Caldas-Coulthard and Moon (2010), who analysed the top 50 adjectival collocates of man, woman, girl and boy in a 157-million-word newspaper subsection of the Bank of English corpus. Collocates had to occur more than twice, and within a window of three words to the left of the headword. Collocation strength was assessed using two statistical criteria, namely t-scores, which returns high scores for combinations including high-frequency function words, and mutual information, which returns high scores for low-frequency content words (Gablasova et al., 2017). Using the functionalisation, identification and appraisement aspects of van Leeuwen's (1996) social actor network, they found that across both broadsheets and tabloids, men were individualised, and evaluated (positively overall) in terms of function, behaviour and social status. On the other hand, in tabloids, women were sexualised, judged in terms of their social esteem and stereotyped as either overly emotional or as motherly. Furthermore, girls referred to both children/adolescents and young adults, and girls were sexualised to a greater extent than women and boys, the latter of whom were mostly evaluated for their behaviour. As Pearce (2008) and Caldas-Coulthard and Moon (2010) utilised corpora of the order of 100 million words, these findings reflect public trends of gendered social actor representations. Caldas-Coulthard and Moon's (2010) work also demonstrates that social actor analysis is a fruitful approach to investigating corpus findings qualitatively.

Sigley and Holmes (2002: 145) found the same trend in their overall word-form frequency analysis of *woman*, *girl*, *man* and *boy* in five different corpora of 1 million words each (the Wellington Corpus of Written New Zealand English, LOB and FLOB (British English) and Brown and Frown (American English)). They noted that "girl" is three times more likely than "boy" to refer to an adult', which reflected an infantilisation of adult women. By analysing the collocates within a five word window either word of the headword using WordSmith (Scott, 2019), they also found that *girl* was used to signal subordinate status, relationships to men, domestic skills and positively evaluated youthful appearance.

These corpus studies demonstrate that it is fruitful to analyse *women* and *girls* as separate social actors, to utilise van Leeuwen's (2008) social actor analysis framework, and to consider both singular and plural word-forms. Furthermore, Sigley and Holmes (2002) demonstrate that an investigation of word frequencies supported by analysis of collocation patterns constitutes an appropriate approach for investigating smaller corpora.

# Research questions

As the above previous analyses of 'manosphere' communities have been inductive, and often lack a systematic linguistic analysis framework, the present study utilised a corpus-assisted discourse approach (Baker et al., 2008) to investigate the reproduction of gendered stereotypes in the *TRP* community. This allowed for the quantitative and statistical

analysis of a large dataset, which would not be feasible to read closely in its entirety, alongside a critical discourse analysis approach which reveals attitudinal information. The overarching research question is as follows:

1. How does the language of the TRP subreddit constitute online sexism?

Koller (2012) notes that combining social actor analysis with appraisal theory, a framework based on systemic functional linguistics, enables the comprehensive analysis of collective identities. Therefore, these methods were used, alongside collocation analysis, to answer the (further) questions below:

- 2. Are there differences in how male and female social actors are represented and constructed?
- 3. How are activation, passivation and agency used to reflect power relations between the social actor groups?
- 4. How are the viewpoints of social actors supported and refuted?
- 5. How are social actors evaluated via attitudinal positioning?

# **Methodology**

## Data collection

Approximately 70,000 words were collected from the most recent posts from the *TRP* subreddit (as of October 2018), along with their attached comments from each sub-community. Duplicates and lines of quoted text were identified and removed, resulting in a corpus of 214,269 words in total. The breakdown of the corpus is displayed below in Table 1. The posts were then labelled for the originating thread, individual post number, username number, whether the post was an original post or a comment, the number of times the post had been upvoted, and whether the poster was a moderator or community-endorsed contributor. For example, Example (1) below comes from the eighth post of the MGTOW sub-corpus, is post number 1751 of 2697, was posted by user #723, was a comment, and received two upvotes.

(1) Women are just not worth my time and effort.

[MGTOW8/1751/723/C/2]

Of the 1354 total posters, 951 contributed only once. Supporting Ging's (2017) findings, little overlap was found in the sub-communities that users posted in, as only 12 posters posted in all three sub-communities, 42 posted in both Men's Rights and MGTOW, 15 posted in both MGTOW and Red Pill Theory (hereafter referred to as RPT) and 16 posted in both Men's Rights and RPT.

Using the log-likelihood measure of 'keyness' within AntConc (Anthony, 2019) confirmed the gendered social actor terms *women, men, girls* and *girl* as highly statistically significant keywords for the *TRP* corpus as a whole, with the results shown in Table 2. Although the saliency of *women* and *girls* supports both Pearce's (2008) and Sigley and

Table 1. TRP corpus breakdown.

	First and last date of post	Words (original	Words (comments)	0	Comments	Posters
Men's Rights	06/12/2017–17/10/2018	posts)	61.652	15	1042	463
MGTOW	30/08/2017-18/10/2018		63,394	10	797	362
Red Pill Theory	10/08/2018–22/10/2018	10,217	62,931	17	858	529
Total	N/A	26,292	187,977	42	2697	1354

Table 2. Top 20 keywords in the TRP corpus.

Rank	Frequency	Keyness	Keyword
I	1341	5115.776	х
2	1520	3320.060	women
3	849	3102.744	don
4	4759	3087.643	you
5	934	2127.807	men
6	443	1756.142	shit
7	1205	1142.226	your
8	4579	936.977	i
9	362	933.909	girls
10	368	923.350	sex
11	239	920.134	fuck
12	210	905.386	doesn
13	207	846.331	fucking
14	2050	798.129	t
15	190	696.499	etc
16	160	689.818	trþ
17	327	652.784	girl
18	148	638.082	mgtow
19	1255	630.119	if
20	162	604.152	pill

Holmes' (2002) findings that female social actors were more often collectivised than male actors in general corpora, Table 2 highlights that *men* were also collectivised in this manner, and the singular *girl* was also key. Thus, both singular and plural forms of the chosen keywords were analysed.

A 1.65-million-word sample of the *Corpus of Contemporary American English* (COCA) was used as a reference corpus for two reasons: because *Reddit's* users are typically from the US (Alexa, 2019), and to capture features that are typical of online language which could carry a specific in-group meaning, which could otherwise be missed if a web-based corpus was used for comparison. However, due to the stylistic mismatch,

the comparison contained artifacts denoting informality such as contractions and swearing, as shown in Table 2. Also, 'X' appeared instead of apostrophes in the AntConc (Anthony, 2019) interface, and does not refer to kisses nor sex-chromosomes. Furthermore, although differences in relative frequency of most content words are systematically exaggerated when the reference corpus is much larger than the target corpus, this should not affect the relative significance of the results in Table 2 too greatly.

Despite both Caldas-Coulthard and Moon (2010), and Sigley and Holmes (2002) identifying *boy* as an equivalent word-form to *girl* for analysis, the lemma *boy* only occurred 57 times in the corpus, whereas *guys* was the 31st most significant keyword (frequency 253, keyness 470.153). From this, the lemmas *woman*, *girl*, *man* and *guy* were chosen for analysis.

Additionally, a frequency per million words comparison of these terms between the *TRP* corpus and COCA highlighted that *TRP* discussed gendered social actors at a much higher frequency than COCA, and collectivised actors were discussed more in *TRP* than in COCA, which indicated a tendency towards reductive generalisation.

Separate counts were obtained for the singular and plural forms of all four social actor terms in each sub-corpus, giving 24 counts. Separate random 10% samples of concordance lines were then drawn for each of these 24 subsets, using SketchEngine's shuffle function; the final sample is therefore representative of the full distribution by type and sub-corpus. The resulting distribution of concordance lines analysed is given in Table 4. Context for each concordance line was extended to the entire sentence in every case, with reference to more extensive context where necessary, for coding purposes. All but one instance of the 66 occurrences of *girl(s)* in this dataset referred to an adult, a tendency much more pronounced than that found by Sigley and Holmes (2002) in general corpora.

These 427 concordance lines came from 219 speakers (out of a total of 1134), 79 of whom came from Men's Rights, 73 from MGTOW and 67 from RPT, and who on average posted twice each. However, the same username number was assigned to users who had deleted their Reddit accounts, so their usernames appeared as '[deleted]' (12 in total). Therefore, the true number of posters within the dataset may be higher. These calculations confirm that the below findings were reflective of the communities as a whole, rather than a small number of prolific posters.

# Data analysis

Three levels of qualitative linguistic analysis using the overarching Systemic Functional Linguistics approach (Halliday and Matthiessen, 2013) were then applied. This approach considers three metafunctions of language: ideational/experiential (describing one's experiences in the world), interpersonal (negotiating relationships with others) and textual (organising text in terms of theme/rheme and cohesion to render expression of the first two metafunctions possible).

To consider the ideational metafunction, four factors were considered. Firstly, the transitivity system was applied (Halliday and Matthiessen, 2013: 179–259), by observing the processes that were ascribed to participants (material, mental, relational, behavioural, verbal and existential), the roles they occupy (actor/goal, senser/phenomenon,

carrier/token, behaver, sayer and existent), and the circumstances of their actions. Secondly, I considered whether the social actor was represented as semantically agentive (as undertaking the relatively agentive material and verbal processes, as opposed to mental, relational, behavioural, and existential processes which do not have a direct effect on the world; see Barty-Taylor, 2020: 83). Lastly, the activation/passivation and individualisation/assimilation aspects of van Leeuwen's (2008) social actor network were applied, so that each instance of the gendered social actor terms was coded for whether the social actor occurred as grammatically active or passive, and whether they were represented as individuals or as part of a group. For instance, in Example (1) above, *women* are grammatically active but have relatively little semantic agency as the process is relational, and *women* are discussed as a broad social group, thus constituting assimilation.

Turning to the interpersonal metafunction, each gendered social actor term was coded using the appraisal theory framework (Martin and White, 2005). This consists of three sub-systems, the first of which is attitude. This comprises ascribed and authorial affect (attribution of emotion to others or self respectively; specifically (dis)inclination, (un) happiness, (in)security and (dis)satisfaction), judgement (appraising human actors for their behaviour; with normality, capacity and tenacity denoting social esteem; and veracity (honesty) and propriety (morality) denoting social sanction) and appreciation (appraising objects and concepts for impact, quality, valuation and composition). For instance, Example (1) constitutes a negative significance (valuation) appreciation. It should be noted that positive judgements indicate that a social actor is deemed capable/tenacious/normal, but that these judgements are not necessarily evaluated positively. Although Martin and White (2005) explicitly note that judgement is reserved for humans and appreciation is for objects, they acknowledge that appreciation can be used to aesthetically evaluate humans. That being said, it could be argued that appreciation at the expense of judgement could amount to evidence of objectification.

The second sub-system is engagement, which concerns how many viewpoints are represented, and which viewpoints are (dis)endorsed. Lines were coded as dialogically expansive when they discussed a range of opinions, quoted external sources and hedged their assertions, whereas lines were coded as dialogically contractive when a bare assertion was stated, and only one viewpoint was given. Thus, Example (1) above is contractive, as it begins with the bare assertion 'women are'. Lastly, the graduation sub-system considers how concepts are intensified, mitigated, focused upon or backgrounded, such as in Example (1), where 'just' acts as an intensifier.

The following section will firstly consider each social actor term, and then focus on differences which emerged between the three sub-communities. Where possible, these findings were also corroborated by pre-modifying and verbal collocates as determined by Word Sketches (minimum frequency 5), mirroring Pearce's (2008) methodology. For the sake of brevity, the results section below includes both full concordance line examples, and quotations from concordance lines with the corresponding post label.

## Results

Three initial generalisations can be made about the tokens analysed: firstly, all four social actor terms were more often used with reference to groups than to individuals (as shown

	TRP	COCA
women	5919.96	483.84
woman	1344.52	385.30
girls	1356.74	78.55
girl	1271.18	124.56
men	3597.61	275.15
man	1690.83	607
guys	1030.80	109.22
guy	880.05	149.66

**Table 3.** Frequency of analysis terms per million words in the TRP corpus and COCA.

**Table 4.** Tokens of social actor terms retained for analysis, by sub-corpus.

	Men's Rights	MGTOW	Red Pill Theory	Total
women	48	56	41	145
woman	10	15	10	35
girls	8	12	13	33
girl	5	9	19	33
men	44	30	16	90
man	15	14	15	44
guys	5	12	8	25
guy	5	7	10	22
Total	140	155	132	427

in Tables 3 and 5), and secondly, the statements made about the social actors were most often dialogically contractive (Table 6). This latter point is also supported by the Word Sketches for these terms: all commonly appear with generalising quantifiers such as many, which co-occurred with women/woman 27 times, girl(s) 7 times and men/man 15 times, and most, which co-occurred with women/woman 17 times, men/man 23 times and guy(s) 12 times. Thirdly, the social actor and appraisal analyses revealed that women/woman and men/man (and, to a lesser extent, girl(s)) referred to gender roles, whereas girl(s) and guy(s) were used to discuss individual anecdotes about specific scenarios, most often dating and relationships.

The singular *man* was more often individualised than *woman*, and less dialogic expansion occurred for *women/woman* and *girl(s)* than *men/man* and *guy(s)*. In qualitative terms, the *men/man* and *guy(s)* datasets included quotations from external sources with varying opinions about how *men/man* and *guy(s)* act. Contrastingly, the dialogically expansive comments in the *women/woman* dataset brought up differing points of view to refute or sarcastically posit, and the *girl(s)* dataset quoted the hypothetical speech of female social actors. This indicates that the masculine gender role was less homogenously represented than the feminine one.

 Table 5.
 Distribution of sampled tokens of social actor terms, classified by individualisation/assimilation.

	women	woman	girls	girl	men	man	sans	guy
Individualisation	6 (4.1%)	18 (51.4%)	(%0) 0	23 (69.7%)	(%0) 0	29 (65.9%)	(%0) 0	13 (59.1%)
Assimilation	139 (95.9%)	17 (48.6%)	33 (100%)	10 (30.3%)	(%001) 06	15 (34.1%)	25 (100%)	9 (40.9%)
Total	145 (100%)	35 (100%)	33 (100%)	33 (100%)	(%001) 06	44 (100%)	25 (100%)	22 (100%)

Table 6. Distribution of sampled tokens of social actor terms, classified by dialogic contraction/expansion.

guy	18 (81.8%)	4 (18.2%)	22 (100%)
skns	21 (84%)	4 (16%)	25 (100%)
man	40 (90.9%)	4 (9.1%)	44 (100%)
men	70 (77.8%)	20 (22.2%)	(%001) 06
girl	30 (90.9%)	3 (9.1%)	33 (100%)
girls	28 (84.8%)	5 (15.2%)	33 (100%)
woman	32 (91.4%)	3 (8.6%)	35 (100%)
women	127 (87.6%)	18 (12.4%)	145 (100%)
	Contraction	Expansion	Total

·	·			
	women/woman	girl(s)	men/man	guy(s)
Grammatically active	81 (45%)	27 (40.9%)	62 (46.3%)	21 (44.7%)
Grammatically passive	91 (50.6%)	39 (59.1%)	62 (46.3%)	24 (51.1%)
Unclassifiable	8 (4.4%)	0 (0%)	10 (7.5%)	2 (4.3%)
Total	180 (100%)	66 (100%)	134 (100%)	47 (100%)

**Table 7.** Distribution of sampled tokens of social actor terms, classified by whether the social actor was represented as grammatically active or grammatically passive.

**Table 8.** Distribution of sampled grammatically active social actor tokens, classified by the semantic category of processes undertaken.

	women/woman	girl(s)	men/man	guy(s)
Material	30 (37%)	18 (66.7%)	34 (54.8%)	19 (90.5%)
Mental	26 (32.1%)	3 (11.1%)	16 (25.8%)	9 (42.9%)
Verbal	4 (4.9%)	8 (29.6%)	I (I.6%)	I (4.8%)
Relational	46 (56.8%)	8 (29.6%)	32 (51.6%)	7 (33.3%)
Existential	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Behavioural	0 (0%)	I (3.7%)	0 (0%)	0 (0%)
Totals	106 (130.8%)	38 (129.6%)	83 (133.8%)	36 (17Í.5%)

Table 7 shows that *men/man* were the most grammatically active social actor, and all other social actors were more often grammatically passive than active. The unclassifiable category includes examples such as 'I'm sorry to hear that, man' [RPT7/2120/808/C/1]. *Women/woman* and *girl(s)* were passivated using verbs which described dating and sexual relationships, such as 'meet' (10 and 9 times, respectively), 'approach' (14 and 5 times, respectively) and 'fuck' (16 and 11 times, respectively; e.g. 'Chasing/fucking women is like a drug' [MGTOW2/1168/506/C/81]). By contrast, *men/man* and *guy(s)* were not passivated in this manner, and shared only 'want' (20 and 5 times, respectively), and 'be' (82 and 44 times, respectively).

The tokens coded as grammatically active in Table 7 are classified in more detail, according to the semantic category of the processes they appeared in, in Table 8. As social actors could participate in multiple processes in one concordance line, and each process was labelled, totals add to over 100%.

Although *women/woman* and *men/man* were more often grammatically active than *girl(s)* and *guy(s)*, this was accounted for by a greater rate of relational processes. Furthermore, turning to semantic agency (including when the social actor was grammatically passive), *women/woman* were agentive in 48 (22.2% out of a total 216) processes, *girl(s)* in 30 (31.9% out of a total 94) processes, *men/man* in 56 (32.4% out of a total 173) processes and *guy(s)* in 26 (37.1% out of a total 70). This shows that female social actors were represented as less agentive than male ones.

In terms of attitudinal positioning (Martin and White, 2005), as multiple instances of affect, judgement and appreciation could occur in one line, each instance was labelled individually. As a result, due to the differences in dataset size between the four social

	women/woman	girl(s)	men/man	guy(s)
Affect	37	17	34	12
Judgement	45	21	59	19
Appreciation	24	18	10	13

Table 9. Number of attitudinal positioning occurrences in each social actor dataset.

actors, the numbers in Table 9 cannot be directly compared, although two general observations were made.

Despite having fewer concordance lines in the dataset than women/woman, men/man were judged more often than women/woman. Also, men/man were appreciated the least of any social actor group, despite having the second largest number of concordance lines in the dataset. As appreciation, in the appraisal theory sense, is typically reserved for objects and abstract concepts, this indicates that male social actors were objectified less often than female social actors.

This was supported by the Word Sketches, which revealed that *women/woman*, *girl(s)* and *guy(s)* to a lesser extent, were pre-modified by adjectives noting physical (un)attractiveness such as 'attractive' (8 times for *women/woman*, 7 times for *girl(s)*) and 'hot' (6, 17 and 5 times, respectively). In comparison, *men/man* was pre-modified by adjectives which described a hierarchy of *men*, from 'real' (13 times), 'high value' (6 times) and 'strong' (9 times), to 'weak' (5 times).

Having considered the top-line distinctions between each social actor, a more detailed analysis of each social actor term now follows.

## Women/woman

Negative construction as immoral, deceptive, incapable and insignificant. Across all three sub-corpora, women/woman were constructed negatively overall (31 judgement instances), including negative propriety (12 instances), negative veracity (7 instances) and negative capacity (11 instances). These negative properties were presented as innate (as shown by the use of absolute quantifiers such as 'all' or 'never'): women/woman were described as selfish or exploitative, as in (2); and deceptive, as in (3); and incapable of controlling such behaviour. Several examples, Example (4), explicitly ascribe the behaviour of women/woman to an assumed biological urge of 'hypergamy' (seeking a partner with the highest social status).

(2) And if a man is a beta, a woman really can't see him as anything other than a utility for her benefit

[RPT1/1890/33/C/4]

(3) All women lie about sexual assault unless due process reveals otherwise.

[MR10/735/121/C/34]

(4) Unconditional love is something a woman will never understand....because of hypergamy.

[MGTOW5/1618/584/C/7]

It should be noted that the term 'hypergamy' originated in the 19th century specifically to describe a cross-caste marriage pattern in India, where a woman could only be 'married up' to a man from a higher-caste if her family could offer an increased dowry. By using the original technical term, which signals objectivity and academic rigour through neo-classical compounding, to instead refer to an assumed universal female trait and to imply (greater) female agency, the original meaning is inverted, and co-opted as a pseudo-scientific term.

Only the MGTOW sub-corpus included some minority of positive propriety judgements (5 instances), and these reference hypothetical *women*, who are described as modestlydressed, as in (5), as well as 'feminine, loyal and low drama' [MGTOW2/1265/545/C/3].

(5) I could potentially find a **decent** woman . . . . but not the ones who wear jeggings and bikinis as work out gear.

[MGTOW5/1406/593/C/26]

Across the sub-corpora, interacting with *women/woman* was evaluated as insignificant (7 instances), when compared with other aspects of the lives of male social actors, as in (6).

(6) Building out your purpose and yourself is far more rewarding and important than chasing women.

[RPT5/2058/861/C/2]

Negative significance appreciations were most prevalent in the MGTOW sub-corpus, highlighting the separatist nature of this community of the 'manosphere'.

Dehumanisation and objectification. As seen in (7), assumed biological drives lead to both animalistic and mechanistic parallels, in that *women* are both predetermined to view partners as an animalistic 'mate', and lack the ability to act otherwise due to their 'programming'.

(7) You need to know that women don't work like that. Their **evolutionary programming** is to constantly test the fitness of her **mate**.

[RPT7/2116/889/C/6]

Evidence for objectification was also found in the prevalence of aesthetics appreciation, which accounted for 11 appreciation instances. Negative aesthetics was referenced across all three sub-corpora (4 instances), as *women/woman* were described as physically unattractive, for example, 'fat' and 'unfuckable' [RPT17/2720/822/C/5]. Although

women/woman were more often appreciated for positive aesthetics in Men's Rights and MGTOW, this framed women/woman as sex objects whose intellect does not matter in comparison to their 'hot' and 'feminine' appearance [MGTOW2/1265/545/C/3].

Negative construction as irrational and unhappy. Women/woman were also constructed as emotional through representations of mental processes and affect. Approximately a quarter of the processes where women/woman were grammatically active were mental ones. This was supported by the woman Word Sketch, which showed that many verbs used where women/woman were grammatically active were affective ('love' occurred 10 times, 'hate' 5 times), cognitive ('know' 11 times, 'think' 7 times, 'feel' 10 times) and desiderative ('want' 34 times). In comparison, no mental processes were found in the corresponding collocates of girl(s), 'want' and 'need' occurred 9 and 13 times respectively in the men/man dataset, and 'think' occurred 5 times in the guy(s) dataset.

These verbal collocates overlap with instances of affect, which were equally positive and negative, with inclination accounting for 15 positive affect instances. Emotional needs of *women/woman* were ascribed to 'hypergamy', and to an assumed underlying drive to seek dangerous partners such as criminals and psychopaths, an attraction termed 'hybristophilia', as in (8). This was held to be a mate-selection mechanism similar to 'hypergamy', and was given a similarly pseudoscientific label. This assumption was further used to justify abusive behaviours towards *women/woman*, on the basis that 'women love to be lead [sic] into shit' [RPT10/2221/846/C/4], thus excusing the behaviour of perpetrators.

(8) Women are hybristophiliacs, instincts dont care about morals.

[RPT15/2551/887/C/15]

*Women/woman* were also constructed as unhappy and insecure across the corpus (7 and 4 instances, respectively), with *women* described as 'miserable' five times in Men's Rights and MGTOW. In three cases, no reason was given to support this representation, although in the MGTOW sub-corpus, one user claimed that 'feminism has made women miserable' [MGTOW5/1420/584/C/1], and another claimed that the unhappiness stemmed from having 'failed to find a mate in their peak' [MGTOW3/1334/573/C/11]. In RPT, *women's/woman*'s unhappiness was caused by *men* behaving in a way they do not like, which was also expressed in ascribed dissatisfaction (5 instances).

Lastly, insecurity was ascribed to left-wing *women/woman* who are said to use feminism as a coping mechanism for physical unattractiveness [RPT17/2720/822/C/5], as well as to how *women/woman* should be made to feel by the male in-group, as in (9).

(9) The only method to keep women somehow in control is **their fear of social stigma**.

[MGTOW6/1664/5/C/3]

This suggests that some portion of the 'manosphere' seeks to control women.

## Girl(s)

Negative construction as immoral, deceptive, unhappy and insignificant. Much like the women/woman dataset, across all three sub-corpora, girl(s) were judged negatively (14 instances), including negative propriety (6 instances) and negative veracity (4 instances). Girl(s) were depicted as exploiting male social actors for their 'resources' [RPT16/2638/31/C/1], acting 'rude' when rejecting the in-group [RPT7/2130/876/C/2] and 'compelling', 'allowing' and 'encouraging' men to commit rape, by 'dressing like a slut' [MGTOW7/1674/683/C/1]. The latter example constitutes the same victim-blaming and perpetrator-excusing logic mentioned with reference to 'hybristophilia' in the women/woman findings. There was one positive propriety judgement in the girl(s) dataset, which occurred when the girl was submissive in comparison to a man, as in (10).

(10) If the man wins the quibbling dominance-sorting banter, then she will be the **nice girl** you always wanted. (both will be the happiest)

[RPT7/2107/834/C/4]

Turning to negative veracity, *girl(s)* were constructed as lying about their virginity in Men's Rights [MR13/878/295/C/8], lying to other *girl(s)* and to an in-group member about being pregnant in MGTOW [MGTOW8/1698/432/C/16], and lying about how interested a *girl* is in dating an in-group member in RPT [RPT6/2081/874/O/11].

Across the corpus, *girl(s)* were ascribed unhappiness (7 instances). In Men's Rights, external factors such as 'society's idea of what they should be' [MR14/976/440/C/24] were to blame for *girl(s)*' unhappiness. However, *girl(s)* were 'jealous of' other female social actors in MGTOW [MGTOW5/1524/627/C/4] and hostile towards them in RPT, as in (11).

(11) Like, i was out with a female colleague once, and i met the girl at the bar and **she just gave** my colleague the 'death stare'.

[RPT16/2669/1036/C/1]

Lastly, as in the *women/woman* dataset, *girl(s)* were deemed insignificant (5 instances) in both MGTOW and RPT, to remind the in-group that *girl(s)* 'aren't everything' [RPT13/2465/1013/C/1].

Objectification. Half of the *girl(s)* appreciation instances were accounted for by aesthetics, and positive aesthetics appreciations were more common than negative ones for *girl(s)* (4 vs 2, respectively). This was supported by the pre-modifying collocates of *girl(s)* in the Word Sketch, which referenced physical (un)attractiveness, for example, 'hot', 'attractive' and 'ugly', and occurred more often in the *girl(s)* dataset than in the *women/woman* dataset. Although *girl(s)* were individualised more often than *women/woman*, individualised *girl(s)* were discussed exclusively in relational contexts. This suggests that *girl(s)* were constructed as sexual objects more often than *women/woman*.

Furthermore, the RPT sub-corpus included three examples of positive convenience, to show that *girl(s)* were in abundance, as in (12).

(12) Because there's millions of other girls to mess up on before you finally talk to girls right.

[RPT16/2659/1090/C/1]

Agentive in dating contexts. Where *girl(s)* were ascribed positive capacity (5 instances), these instances described ideal qualities in a dating partner. For instance, *girl(s)* were represented as being able to 'talk about evolutionary biology, technology, exercise science, etc.' [MGTOW2/1264/544/C/8], and as being 'fun' and 'teasing' in-group members [RPT10/2206/888/C/5].

Furthermore, the RPT sub-corpus accounted for the greater percentage of dialogically expansive concordance lines and verbal processes in the *girl(s)* dataset than in the *women/woman* dataset, as 'shit tests' (female social actors asking male social actors questions in dating contexts to determine the male social actor's social value) were discussed at length. As illustrated in Example (13) below, these posts provided the hypothetical voice of a female social actor asking questions, and the in-group posters provided hypothetical answers.

(13) Bonus: **How many girls you're seeing?** 'Take a ticket and get in line.' 'There's always room for one more.' 'One at the time'

[RPT10/2214/877/C/12]

## Men/man

Construction as victims of women and society. Men/man were constructed as wrongly victimised in the Men's Rights sub-corpus, at the hands of both female social actors and external institutions, with the two occasionally conflated. This was shown through positive propriety judgements (5 instances in Men's Rights, 9 across the three sub-corpora) to show that men/man were being treated unfairly, as in (14).

(14) It's the view of the media (and most women) that needlessly locking up men is just a necessary by-product of protecting women from being held responsible for their own actions.

[MR3/256/125/C/27/E]

Additionally, inclination instances in the *men/man* dataset (6 out of 8 occurred in MGTOW) argued that if *men/man* desire physically and emotionally intimate relationships with female social actors, they could be manipulated as a result, as in (15).

(15) Men being infatuated with them and paying stupid amounts of money to access their attention.

[MGTOW5/1559/584/C/1]

Across all three sub-corpora, when *men* were constructed as capable (16 instances), *men's/man's* capabilities were framed in opposition to *women/woman*. For instance, in (16), the in-group deemed it 'strong' to control a *woman*'s emotions.

(16) a strong man can snap a woman out of her hissy fits

[RPT1/1871/33/O/336]

Contrastingly, when *men/man* were constructed as incapable (13 instances), these instances reference being unable to retaliate, for example, *men* being 'enslaved to women ad infinitum' by 'Western law' [MR7/612/298/C/3].

This adversarial relationship construction coincided with affect, where 23 instances were negative, and as with *women/woman* and *girl(s)*, unhappiness occurred across all three sub-corpora (11 instances). For example, posters in Men's Rights discussed *men* being '5-10x more likely to commit suicide' [MR2/181/110/O/122], and posters in MGTOW discussed in-group *men* being 'angry' at 'disloyal and immoral' female social actors [MGTOW2/1237/531/C/10].

This unhappiness was accompanied by insecurity (6 instances) in both Men's Rights and MGTOW. *Men/man* were described as 'afraid of a #metoo backlash' [MR2/181/110/O/122] and 'scared' of out-group *men* who defend female social actors, as in (17). However, the poster expresses disapproval of this insecurity through the use of 'please no'.

(17) And please no 'I'm not scared of chicks I'm scared of the men with guns they can summon!'

[MGTOW8/1676/541/O/541]

Contrastingly, no instances of insecurity occurred in RPT. Although unhappiness also occurred in RPT, these instances referenced feminists who were directly quoted as viewing *men* as 'wallowing' [RPT1/1871/33/O/336], which was introduced to be mocked. Thus, *men/man* were constructed as unhappy by the in-group, who were taken seriously, and a constructed view by RPT posters of an out-group of feminists.

Construction of how men are believed to be appraised by out-groups. Posters argued that they were being objectified and deemed insignificant by a constructed view of an out-group of feminists, and female social actors in general. As well as being supposedly viewed as 'wallowing' in RPT as discussed above, another direct quotation on behalf of a feminist asserted that 'all men are trash' [MR1/153/90/C/2], although this negative significance appreciation was read resistantly.

More generally, one poster in RPT claimed that *men/man* are expected to 'be in shape, have money, know game, be social, funny' [RPT17/2706/1114/C/7] by female social actors, thus combining positive capacity judgements and positive aesthetics appreciations. Furthermore, another poster in RPT claimed that female social actors viewed *men* who have female friends as less masculine, for example, 'gay or a dickless asexual' [RPT16/2609/797/C/2].

Hypothetical quotations were also used to provide the constructed opinion of outgroup *men/man*, who consider 'complain[ing]' to be 'weak', such as in (18). However, by using the metaphor 'take the bait', the poster asserts that 'complain[ing]' is more assertive, and thus stronger than not complaining.

(18) These men take the bait and think: 'dammit, I must be strong, if I complain I'll be seen as a weak man'.

[MR1/178/108/C/1]

Construction as immoral (with perceived reason). Eight out of the total 13 negative propriety judgements across the corpus excused instances where *men/man* act immorally, by claiming that 'women choose men who make them feel insecure' [MGTOW6/1625/657/O/79], or that *women* act in an equally immoral way, as in (19).

(19) **Men may manipulate women** to get sex out of them, but women manipulate us to get our emotional energy

[RPT1/1899/785/C/1]

Other negative propriety judgements were hypothetical arguments, which the in-group made on behalf of other social actors. For example, in Example (20), out-group *men* were referred to as 'white knights' for defending a *woman*, and the in-group *man* who shared a personal relationship anecdote was described as 'abusive'. The use of quotation marks in the comment indicated that this opinion was read resistantly.

(20) Next day she takes off as there are plenty of **white knights** out there to save a woman from an **'abusive' man** 

[MGTOW6/1654/671/C/1]

These negative propriety judgements absolved in-group *men* of responsibility when they were rejected by female social actors, when they were labelled as 'abusive' by out-group male social actors known as 'white knights', and when *men* manipulated *women* to further a physical relationship. This mirrors previous examples of victim-blaming and perpetrator-excusing logic found in the *women/woman* and *girl(s)* datasets. Although just over half (30) of *men/man* judgement instances were negative, a relatively lower rate than for *women/woman* and *girl(s)*, all but four of these were framed as out-group perceptions of the in-group, or resulting from the actions of female social actors and public institutions.

Differing approaches to female social actors. The relatively greater rate of dialogically expansive concordances in the *men/man* dataset, compared to the female social actors, was partly due to in-group *men/man* differing in their approaches towards gender relations, depending on which community they posted in. For example, MGTOW posters disagreed over whether having a relationship with *women* beyond intercourse was pointless [MGTOW5/1608/653/C/1], while RPT posters disagreed over whether *men/man* need to

'lift' (i.e. body-build) to attract *girl(s)* [RPT16/2654/797/C/0]. This range of in-group opinions, plus instances of out-group disagreement with in-group assertions (see Example (21)) about gender roles indicated that posters were able to see themselves as individuals.

(21) you don't wanna take responsibility for your sexist thought. Not all men are like you!!

[MGTOW5/1419/5/C/0]

## Guy(s)

Specific scenario use. Guy(s) was used to reference male social actors in specific scenarios, as opposed to discussing the masculine gender role. For example, guy(s) was used by posters to discuss their personal experiences, as in (22).

(22) I was a D1 athlete and looked the part of an alpha but internally I was the nice, gentle guy I was raised to be

[MGTOW1/1085/5/C/10]

Similarly to the dialogically expansive lines from the *men/man* dataset, differences found in the use of *guy(s)* reflected the approach of the three sub-communities. For example, positive capacity judgements occurred across all three sub-corpora (5 instances), and discussed *guy(s)* having 'lots of money' [MGTOW5/1603/584/C/1], being 'confident' with *women* [RPT16/2674/1098/C/1], and able to 'sue for false termination' [MR10/741/157/C/3]. However, these were the only similarities in judgement between the three sub-corpora, and no similarities in affect were found.

'Nice guys'. All three sub-corpora distinguished between nice guys and 'nice guys'. In positive propriety judgements (4 instances) in MGTOW and RPT, guy(s) were constructed as 'nice' and 'gentle' as in (22) above, and 'nice' to their own detriment [RPT3/1999/822/C/2]. Contrastingly, 'nice guys' were described as treating female social actors well for the sole reason of expecting something in return, and then experiencing unhappiness and dissatisfaction when female social actors did not reciprocate their attention, as in (23). 'Nice guys' were discussed using negative propriety and veracity judgements (3 instances) for lying to female social actors about their intentions, and then harassing them, whereas guy(s) were broadly not judged for negative propriety nor veracity.

(23) You'd be amazed what a 'nice guy' does when he doesn't get what he feels he's entitled to in the covert contract. Beta and bad game=harassment.

[RPT1/1876/622/C/11/E]

Relational contexts. Much like girl(s), guy(s) were constructed in relational contexts, particularly in RPT, which accounted for much of the dialogic expansion in the guy(s) data.

Posters in RPT hypothetically and literally quoted guy(s) and potential dating partners in 'shit tests', and out-group male social actors were dis-endorsed in RPT for their approaches to romantic and sexual relationships. For example, in Example (24), out-group guys were represented as desiring romantic relationships without a sexual component, and this opinion was presented as a 'claim'.

(24) 'No way, guys can want love without sex, too', claims Mark.

[RPT12/2402/383/O/108/M]

In these relational contexts, guy(s) were appreciated positively overall (7 instances), and 10 instances referenced aesthetics. Men's Rights and MGTOW solely referenced aesthetics, with 'bigger muscle guys' more positively evaluated than 'skinny guys' [MGTOW2/1221/527/C/10]. However, one poster in RPT also used negative effectiveness appreciations to argue that a guy being 'boring/lack of personality/beta' can negate the effectiveness of being a 'super hot jacked guy' when flirting [RPT16/2669/1036/C/1].

## Discussion and conclusion

To summarise, the corpus as a whole was characterised by assimilations and bare assertions about the behaviour of both female and male social actors, although the masculine gender role was represented less homogenously than the feminine gender role. The terms *women/woman* and *men/man* were used to discuss essentialised gender roles, whereas *girl(s)* and *guy(s)* were used to discuss individuals in specific scenarios, particularly dating contexts.

*Women/woman* were judged negatively for features that were represented as innate to all *women*, namely selfishness, being manipulative, 'hybristophilia' and a *TRP* co-option of 'hypergamy'. *Women/woman* were also dehumanised through animalistic and mechanistic means, and reduced to their physical appearance and their value in the eyes of male social actors.

Girl(s) were overwhelmingly represented in relational contexts, mirroring Sigley and Holmes' (2002) findings. Girl(s) were constructed as exploiting men/man, and were blamed for manipulating men/man into assaulting them. Instances of agency in the girl(s) dataset were accounted for by girls acting in dating contexts, although some agentive instances such as 'shit tests' were representations by in-group members rather than literal quotatives. Furthermore, girl(s) were appreciated for positive aesthetics and convenience.

Men/man were constructed as victimised at the hands of female social actors and external institutions, and as unhappy and insecure as a result, particularly in the Men's Rights sub-corpus. Although female social actors were represented as less semantically agentive than male social actors, and men/man were the least appreciated social actor, the in-group argued that female social actors appreciated them for aesthetics and significance. Additionally, where men/man were judged as immoral, this was justified as being provoked by female social actors. Although Pearce (2008) and Caldas-Coulthard and Moon (2010) found that men were more often evaluated in terms of their behaviour than women, which was also true within the TRP corpus, they also found that men were more often constructed as more powerful than women in general corpora of English, which was not true for the TRP corpus.

Lastly, guy(s) was used as a generic term to refer to male social actors in specific scenarios, most often relational contexts. However, the term 'nice guys' was used to describe out-group social actors who expect affection from female social actors for treating them well.

Since Pearce (2008) and Caldas-Coulthard and Moon (2010) noted that *women* and *girls* were described as emotional and as sexual objects in general corpora of English, this suggests that the conceptualisations of female social actors in the *TRP* corpus reflect popularly held opinions. However, these opinions were extended by posters in *TRP*. The negative propriety and veracity judgements which characterised the *women/woman* and *girl(s)* datasets demonstrate that overall, *TRP* is a hostile sexist community. Furthermore, across the datasets, victim-blaming and perpetrator-excusing logic, including the pseudo-scientific terms 'hypergamy' and 'hybristophilia', was used to justify harmful actions towards female social actors, such as rape. Although a link between online words and offline action is not inevitable, it would be naïve to argue that some members of the 'manosphere', like those mentioned in the *Introduction* section, could not be encouraged to act in a hostile manner towards women, having read generalisations about female social actors characterised by pseudo-scientific language presented as fact. Thus, the implications of enabling such language should be carefully considered by online platforms such as *Reddit*.

Turning to limitations of this research, the use of corpus linguistic methods has been limited due to the relatively small size of the corpus, and the data thinning required to qualitatively focus on the key gendered social actor terms limited the precision possible for more detailed numerical results. Additionally, the constraints imposed by concordance context prevented analysis of the in-group discussion as a polylogue. Future directions for this research include analysing the interactions between in-group users on the comment threads, which would enable an analysis of socialisation and interactive mechanisms for radicalisation. Future research could also consider the functions of references to different parts of the 'manosphere', as the community names MGTOW and *TRP* appeared as keywords in the *TRP* corpus.

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#### References

Alexa (2019) reddit.com Traffic Statistics. Alexa Internet Available at: https://www.alexa.com/siteinfo/reddit.com?ver=classic (accessed 30 July 2019).

Anthony L (2019) AntConc, version 3.5.8 [computer software]. Available at: http://www.laurenceanthony.net/software/antconc/ (accessed 5 December 2019).

- Baker P, Gabrielatos C, KhosraviNik M, et al. (2008) A useful methodological synergy? Combining critical discourse analysis and corpus linguistics to examine discourses of refugees and asylum seekers in the UK Press. *Discourse & Society* 19(3): 273–306.
- Barty-Taylor M (2020) Gender, leadership and online news: How Scottish young people perceive constructions of women political leaders and digitally-mediated politics. PhD Thesis, Lancaster University, Lancaster.
- BBC (2019) YouTube terminates Addy A-Game and Street Attraction Channels. BBC. Available at: https://www.bbc.com/news/uk-scotland-49957059 (accessed 6 December 2019).
- Caldas-Coulthard C and Moon R (2010) 'Curvy, hunky, kinky': Using corpora as tools for critical discourse analysis. *Discourse & Society* 21(2): 99–133.
- Dayter D and Rüdiger S (2016) Reporting from the field: The narrative reconstruction of experience in pick-up artist online communities. *Open Linguistics* 2(1): 337–351.
- Denes A (2011) Biology as consent: Problematising the scientific approach to seducing women's bodies. *Women's Studies International Forum* 34(5): 411–419.
- Dignam P and Rohlinger D (2019) Misogynist men online: How The Red Pill elected Trump. Signs: Journal of Women in Culture and Society 44(3): 589–612.
- Fetterolf J and Rudman L (2017) Exposure to sexual economics theory promotes a hostile view of heterosexual relationships. *Psychology of Women Quarterly* 41(1): 77–88.
- Gablasova D, Brezina V and McEnery T (2017) Collocations in corpus-based language learning research: Identifying, comparing, and interpreting the evidence. *Language Learning* 67(1): 155–179.
- Ging D (2017) Alphas, betas, and incels: Theorizing the masculinities of the manosphere. *Men and Masculinities* 22(4): 638–657.
- Glick P and Fiske S (1996) The ambivalent sexism inventory: Differentiating hostile and benevolent sexism. *Journal of Personality and Social Psychology* 70(3): 491–512.
- Halliday MAK and Matthiessen M (2013) *An Introduction to Functional Grammar*, 3rd edn. London: Routledge.
- Haslam N (2006) Dehumanization: An integrative review. Personality and Social Psychology Review 10(3): 252–264.
- Gottel L and Dutton E (2016) Sexual violence in the 'manosphere': Antifeminist men's rights discourses on rape. *International Journal for Crime, Justice and Social Democracy* 5(2): 65–80.
- Jane E (2014) 'Back to the kitchen, cunt': Speaking the unspeakable about online misogyny. *Continuum* 28(4): 558–570.
- Jane E (2018) Systemic misogyny exposed: Translating Rapeglish from the manosphere with a random rape threat generator. *International Journal of Culture Studies* 21(6): 661–680.
- Kilgarriff A, Baisa V, Bušta J, et al. (2014) The Sketch Engine: Ten years on. *Lexicography* 1(1): 7–36.
- Koller V (2012) How to analyse collective identity in discourse: Textual and contextual parameters. *Critical Approaches to Discourse Analysis Across Disciplines* 5(2): 19–38.
- Lin J (2017) Antifeminism Online: MGTOW (Men Going Their Own Way). In: Frömming U, Köhn S, Fox S, et al. (eds) Digital Environments. Ethnographic Perspectives across Global Online and Offline Spaces. New York: Columbia University Press, pp. 77–96.
- Lonsway KA and Fitzgerald LF (1995). Attitudinal antecedents of rape myth acceptance: A theoretical and empirical reexamination. *Journal of Personality and Social Psychology* 68(1): 704–711.
- Martin J and White P (2005) *The Language of Evaluation: Appraisal in English.* New York: Palgrave Macmillan.

- Pearce M (2008) Investigating the collocational behaviour of MAN and WOMAN in the BNC using Sketch Engine. *Corpora* 3(1): 1–29.
- Scott M (2019) WordSmith Tools, version 7. Stroud: Lexical Analysis Software.
- Sigley R and Holmes J (2002) Looking at girls in Corpora of English. *Journal of English Linguistics* 30(2): 138–157.
- van Leeuwen T (1996) The representation of social actors. In: Caldas-Coulthard CR and Coulthard M (eds) Text and Practices: Readings in Critical Discourse Analysis. London: Routledge, pp. 32–70.
- van Leeuwen T (2008) Discourse and Practice: New Tools for Critical Analysis. Oxford: Oxford University Press.
- Van Valkenburgh S (2018) Digesting the Red Pill: Masculinity and neoliberalism in the manosphere. Men and Masculinities. Epub ahead of print 4 December 2018. DOI: 10.1177/1097184X18816118.

## **Author biography**

Alexandra Krendel is currently a PhD student in Linguistics at Lancaster University, and her PhD project investigates how gender and sexuality are represented by different communities within the 'manosphere'. This entails a combination of corpus-based methods to identify the shared language across the main 'manosphere' groups, and corpus-assisted critical discourse analysis to identify how this language is used in context. Her current research interests include online hostility, and how gender and hate speech intersect.