



## A Corpus-Based Analysis of Modal Auxiliaries of William Golding's Novel "The Lord of Flies"

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### ABSTRACT

This study aimed to identify the types of modal auxiliaries and the meanings of modal auxiliaries in the novel *The Lord of Flies* by William Golding. This study uses mixed methods. First, this study used corpus-based quantitative data to obtain modal auxiliary in *The Lord of Flies* novel examined by looking at the concordance and frequency of the Ant Conc software tools. Second, the data analysis process used qualitative methods to show the function or meaning of the modal auxiliary verbs in *The Lord of Flies* novel. Based on data analysis, it shows that there are 549 modal auxiliary verbs in *The Lord of Flies* novel divided into 9 types of modals, namely the modal could with an occurrence frequency of 161 times (24.49%), the modal can with an occurrence frequency of 136 times (24.91%), the modal would appear with a frequency of 111 times (20.33%), the modal might appear with a frequency of 41 times (7.69%), the modal must appear with a frequency of 37 times (6.78%), the modal should appear with a frequency of 22 times (4.03%), the modal will appear with a frequency of 15 times (2.75%), the modal may appear with a frequency of 14 times (2.56%), and the modal shall appear with a frequency of 8 times (1.47%). And the meanings of modal auxiliary verbs in *The Lord of Flies* novel are intentional, epistemic, deontic, and dynamic meanings.

**Keywords:** *A Corpora, Modal Auxiliaries, Novel "The Lord of Flies"*

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## INTRODUCTION

The scientific study of language is called linguistics. Linguistics is a basic study of linguistics (Asman dkk., 2023). Gleason (1962) stated that linguistics was a scientific study to understand language from an internal point of view and an external point of view (Yeltriana dkk., 2023). In discussing the structure of language, there are two aspects of language that can be studied, namely internal aspects (linguistic micro) and external

aspects (linguistic macro) (Minarti dkk., 2023). The internal aspects of language include phonology (the study of language sounds and their functions), morphology (the study of word formation), syntax (the study of the formation of words in sentences), and semantics (the study of the meaning of language). The external aspect of language is an aspect that studies language and branches of other disciplines, for example, psycholinguistics (psychology and linguistics), sociolinguistics (sociology and linguistics), and ethnolinguistics (ethnology and linguistics) (Balaha dkk., 2021). Aarts and Aarts (1982) stated that words can be grouped into two classes, namely major word class and minor word class (Alsubaie, 2022). The major word class is also known as an open word class because its membership is not limited because new members are still allowed to be added. Open word classes or major word classes are nouns (book, pencil, ruler), verbs (go, come, walk, etc), adjectives (beauty, ugly, angry, happy, etc), and adverbs (always, almost, etc). Minor word classes are referred to as closed word classes whose membership is limited because they do not add new word classes (Kamorudeen, 2021). Kelas kata tertutup yaitu conjunction (and, but, or, etc), article (the, a, an), personal pronoun (you, yourself, myself, etc), quantifier (any, many, much, etc), interjection (wow!, yes!, oh!, etc), dan preposition (in, at, on, etc). Aarts and Aarts (1982) stated that there are sub-classes of verbs in English, namely lexical verb and auxiliary verb (Holly dkk., 2023). A lexical verb is the main verb in a sentence, while an auxiliary verb is a verb that cannot stand alone but must be followed by a lexical verb (Almarzooq dkk., 2020). Auxiliary verbs or commonly called helping verbs are divided into two classes: primary auxiliary verbs, and modal auxiliary verb.

Auxiliary verbs are also referred to as helping verbs which are divided into two classes: the main auxiliary verb and the modal auxiliary verb (Xie dkk., 2019). The main auxiliary verbs consist of be, do, and have. Auxiliary verbs, have and be, have unlimited forms and can be placed at the beginning or in the middle, the variables are limited and generally do not occur in other verbs. The main auxiliary verb is used before the main verb to change the time or emphasis in the sentence.

Modals are part of auxiliary verb that functions as helping verb to get more meaning. This is one of the semantic components such as ability, obligation, and possibility. Modals are one of the helping verb or auxiliary verb adding structural meaning or semantic meaning to verbs that have more meaning than full verbs such as ability, obligation, and possibility (Vicky dkk., 2023). The modal auxiliary verb has two formal tenses: present tense and past tense. In general, words are used to identify possible, impossibility, ability, promise, suggestion, etc. modal auxiliary verbs are words giving meaning to a sentence such as the meaning of possibility, ability, willingness, permission, promise and others (Blanchete dkk., 2018). Beaumont and Granger (1989) stated that the forms of auxiliary verbs or modal verbs are can, could, may, might, will, would, shall, should, and ought to (Sohn & Kwon, 2020). Based on the form, there are two parts of the modal auxiliary verb: Common Modals (Pure Modals) and Semi-modals (Abdul Afwu Godly Prayitno, 2020). Common modals are can, could, will, would, shall, should, may, might, must, need, ought, and dare. In general, these forms are always followed by a verb

without to. But to indicate a condition, modals are also always followed by the word "be". Semi-Modals are have to, ought to, used to, be able to, be about to, be to, be supposed to, and be allowed to (Mustapa dkk., 2022). They have the same meaning as pure modals, but semi-modals are only verbs. However, in this study, researchers only focused on pure modals (can, could, shall, should, may, might, must, ought to, will, would).

Modals are not only found in grammar books but also in novels. A novel is one of the long story of literary work consisting of words, clauses, and sentences (Wang dkk., 2020). A novelist uses language to express ideas and thoughts, emotions, and experiences. Therefore, researchers are interested in examining the forms and meanings of modals used in William Golding's novel *The Lord of Flies* by using corpus antconc tools to make it easier to read and analyze data.

This research is expected to be able to provide information related to grammatical learning, especially in the form and meaning of modal auxiliary verbs (Wang dkk., 2020). In addition, this research is also expected to be able to provide understanding to readers, especially students majoring in English literature regarding the form and meaning of modal in the novel *The Lord of Flies*.

## **RESEARCH METHODOLOGY**

This study used mixed methods (Thaher dkk., 2021). The beginning of the study used corpus-based quantitative data to obtain modals auxiliaries in the novel *The Lord of Flies* examined by looking at the concordance and frequency of the Antconc tools, and in the process of data analysis using qualitative methods to show the function or meaning of modals auxiliaries in *The Lord of Flies* novel.

The list of modal auxiliaries generated by the software is carried out in a reduction process to separate modal auxiliaries from other words (Elnagar dkk., 2020). Furthermore, auxiliary modals are classified according to their respective meanings in the sentence. After obtaining the auxiliary data, a qualitative analysis was carried out to find out the function of each auxiliary modal in the sentence to then draw a conclusion.

## **RESULT AND DISCUSSION**

The tool used in this research is Ant Conc version 4.1.4 developed by Laurence Anthony. Ant Conc is a corpus tool that can be used by researchers to make it easier for them to read data, especially the frequency and concordance of a word. And this tool is suitable for use in this research because it fulfills the features needed to complete this research (Al-Ayyoub dkk., 2018). These features are as follows:

### **Frequency**

In general, this feature refers to the number of occurrences of a word in a particular corpus. This can be used to show quantitative-based data or count how many times a word appears in the corpus. So that this frequency analysis makes it easier for researchers to recognize the words most often used in the corpus data. In this study, researchers focused on the emergence of auxiliary modals (Boufenar dkk., 2018). This feature helps

researchers to find out which modals appear in The Lord of Flies novel, and how many times these modals appear in the novel.

### Concordance

Concordances are words that accompany a word we are looking for in the corpus tool that is before and after the word we are looking for (Zhang dkk., 2021). One of the most common methods used in linguistic corpus research is the use of keywords in context or KWIC (keyword in context) (Huang dkk., 2021). This feature helps researchers to carry out qualitative analyzes carried out on existing corpus data. So that it allows researchers to explore the meanings of modal auxiliaries in The Lord of Flies novel.

### The result of Ant Conc

Table 2. The data of research

File Name	The Lord of Flies.Pdf
File Tokens	66071
File Types	5989

In the early stages, the novel The Lord of Flies was processed in the Ant Conc software (Osamy dkk., 2021). Then the wordlist feature in the tool generates data in the form of a list of words contained in the novel based on the number of occurrences, as shown in the following data:

Table 3. The Example List of 150 Word based on Their Frequency

No.	Lexicon	Freq	No.	Lexicon	Freq	No.	Lexicon	Freq
1	The	4676	51	came	135	101	still	75
2	And	2338	52	when	126	102	us	75
3	Of	1747	53	only	122	103	beach	74
4	A	1461	54	about	121	104	saw	74
5	To	1164	55	rock	121	105	feet	73
6	He	1132	56	don	117	106	did	72
7	Was	986	57	their	116	107	took	72
8	page	874	58	water	115	108	are	71
9	ralph	795	59	island	114	109	towar	71
10	That	643	60	right	114	110	sat	71
11	You	613	61	see	114	111	way	70
12	On	556	62	or	111	112	Know	69
13	They	538	63	would	111	113	among	68
14	We	518	64	where	109	114	lay	68
15	At	495	65	turned	107	115	hair	68
16	there	429	66	mountain	106	116	boy	66
17	Go	410	67	other	105	117	how	66
18	Him	394	68	more	102	118	my	62
19	It	360	69	stood	102	119	think	53
20	were	347	70	do	101	120	between	51
21	Had	327	71	who	100	121	looking	49
22	For	324	72	forest	99	122	after	49
23	Full	321	73	went	99	123	After	48
24	home	308	74	beast	97	124	became	44
25	Them	305	75	smoke	97	125	end	43
26	contents	292	76	time	96	126	might	42
27	Title	292	77	face	95	127	perhaps	42

28	Quit	291	78	himself	95	128	say	42
29	As	288	79	come	94	129	why	39
30	But	284	80	going	93	130	near	38
31	Said	261	81	here	93	131	another	37
32	By	248	82	round	93	132	Must	37
33	This	242	83	little	89	133	mean	35
34	what	235	84	is	88	134	take	33
35	Be	219	85	roger	88	135	someone	29
36	Not	205	86	thing	88	136	need	26
37	So	201	87	been	87	137	anything	24
38	one	200	88	off	85	138	most	24
39	No	182	89	head	84	139	deep	23
40	now	176	90	made	83	140	should	22
41	An	171	91	too	82	141	hit	19
42	got	167	92	get	82	142	call	17
43	away	165	93	through	80	143	four	15
44	could	161	94	Two	80	144	will	15
45	If	154	95	hands	78	145	nobody	14
46	looked	152	96	chief	77	146	alone	12
47	Over	147	97	me	77	147	am	11
48	boys	144	98	something	77	148	myself	11
49	have	144	99	voice	76	149	best	10
50	can	136	100	pig	75	150	shall	8

The data above shows that there are 66071 tokens in The Lord of Flies novel, and the examples of the word list above are reduced, classified, and then analyzed according to the purpose of this study.

#### **Data Reduction**

At this stage, the researcher focuses on the data in the previous table which is then reduced by separating the modal auxiliary data in the data. In this research, only focus on pure modals (Tuttle dkk., 2021). Beaumont and Granger (1989) pure modals include can, could, shall, should, may, might, must, ought to, will, would. so that the following data is obtained:

Table 4. Modal Auxiliaries of The Lord of Flies

No.	Modal Auxiliaries	Frequency
1	Could	161
2	Can	136
3	Would	111
4	Might	42
5	Must	37
6	Should	22
7	Will	15
8	May	14
9	shall	8
10	Ought to	-
<b>TOTAL</b>		<b>546</b>

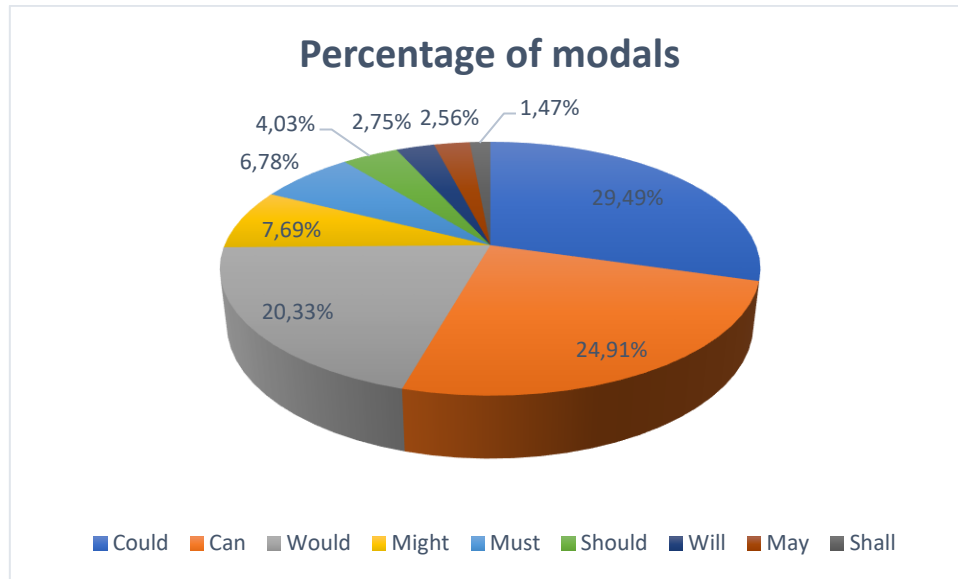


Figure 1. Percentage of modals

The data above shows that there are 549 modal auxiliaries in *The Lord of Flies* which are divided into 9 types of modal, and there is no type of ought to. The 9 types of modal are modal "could" with a frequency of occurrence of 161 times (29.49%), modal "can" with a frequency of occurrence of 136 times (24.91%), modal "would" with a frequency of occurrence of 111 times ( 20.33%), modal "might" with a frequency of occurrence of 42 times (7.69%) (Jung, 2019), modal "must" with a frequency of occurrence of 37 times (6.78%), modal "should" with a frequency of occurrence of 22 times (4.03%), modal "will" with a frequency of occurrence of 15 times (2.75%), modal "may" with a frequency of occurrence of 14 times (2.56%), and modal "shall" with a frequency of occurrence of 8 times (1.47%). Then in the next stage, the classification of the existing modal auxiliary data is carried out.

#### Data Classification

At this stage, the researcher classified the types of modal auxiliaries in table 3 above. The classification is done to group the types of modals based on their respective functions and meanings. Classification based on grammar Beaumont & Granger and Charles J. Fillmore. Beaument and Granger stated that the auxiliary (modal) verb consists of can, could, may, might, must, will, would, shall, should, and ought to. Dan Fillmore divides sentence structure into two elements, namely modality and proposition (Basid, A., Kamil, H. I., & Innah, M. 2021). According to Alwi (1990) through Musdolifah, A. (2018) modality consists of intentional, epistemic, deontic, and dynamic meanings. As in the table below:

Table 5. Classification of modal auxiliaries

Meaning of modals	Kind of meanings
Intensional	Desire Hope Invitation Negation of invitation Request



Epistemic	Possibility/Impossibility Prediction Must Certainty
Deontic	Giving permission Command
Dinamic	Ability Volition

## Modal Could

To find out the meaning of the modal can in The Lord of Flies novel, the researcher conducted a search using the KWIC (Keyword in Context) feature, in order to obtain the following data:

KWIC	Plot	File	Cluster	N-Gram	Collocate	Word	Keyword	Wordcloud
Total Hits: 161		Page Size	100 hits		1 to 100 of 161 hits			
	File	Left Context			Hit	Right Context		
16	Lord of th...	the time. When the wind reached the mountain- top he			could	see something happen, a flicker of blue stuff against		
17	Lord of th...	of 290 Go Back Full Screen Close Quit Peeping through, he			could	see that the height was still occupied, and whoever		
18	Lord of th...	and faded. Ralph frowned. "I wonder how far off you			could	see that." "Miles." "We don't make enough smoke."		
19	Lord of th...	his grasp. The lookouts were immediately above him and he			could	see the end of a spear projecting over the		
20	Lord of th...	Halt! Who goes there?" "Roger." "Advance, friend." Roger advanced. "You			could	see who I was." "The chief said we got		
21	Lord of th...	top of the cliff vanished like a curtain, and he			could	see figures and blue sky. A moment later the		
22	Lord of th...	unfriendly side. "They were there—by the sea." Jack, recovering			could	not bear to have his story told. He broke		
23	Lord of th...	Jack?" Simon's head was tilted slightly up. His eyes			could	not break away and the Lord of the Flies		
24	Lord of th...	of overwhelming importance occurred to him. "What are you—?" He			could	not bring himself to be specific at first; but		
25	Lord of th...	the view was utterly different. The filmy enchantments of mirage			could	not endure the cold ocean water and the horizon		
26	Lord of th...	received no wound. "I came to see you two—" Words			could	not express the dull pain of these things. He		
27	Lord of th...	not really as convenient. So Ralph asserted his chieftainship and			could	not have chosen a better way if he had		
28	Lord of th...	Ralph—remarks that did not need an answer, and therefore			could	not invite a snub; and still Ralph was silent.		
29	Lord of th...	coming on. Ralph moaned faintly. Tired though he was, he			could	not relax and fall into a well of sleep		
30	Lord of th...	them. They were bitten down to the quick though he			could	not remember when he had restarted this habit nor		

Figure 2. Concordance of Could

Based on the corpus data above, it shows that the modal could in The Lord of Flies contains epistemic, deontic and dynamic meanings. Examples of modal could containing epistemic meaning (Impossibility) can be seen in corpus data No.27, examples of modal could containing deontic meanings (Giving permission) can be seen in corpus data No.20, and examples of modal could containing dynamic (Ability) meanings can be seen in data corpus No.23.

## Modal Can

To find out the meaning of the modal can in The Lord of Flies novel, the researcher conducted a search using the KWIC (Keyword in Context) feature, in order to obtain the following data:

File	Left Context	Hit	Right Context
1 Lord of th...	Bill held out his hands for the conch. "Now we	can'	t have the fire up there—because we can'
2 Lord of th...	we can't have the fire up there—because we	can'	t have the fire up there—we need more
3 Lord of th...	twisting his hands now, unconsciously. His voice rose. "So we	can'	t have a signal fire. . . We're beaten." A
4 Lord of th...	looking from Jack to Ralph, curiously. "And another thing. You	can'	t have an ordinary hunt because the beast doesn'
5 Lord of th...	The meeting hummed and was silent. "And another thing. We	can'	t have everybody talking at once. We'll have

Figure 3. Concordance of Can

Total Hits: 136 Page Size 100 hits 1 to 100 of 136 hits				
	File	Left Context	Hit	Right Context
55	Lord of th...	Jack I was sure he'd go for the conch.	Can'	t think why." The group of boys looked at
56	Lord of th...	decided Ralph as he faced the chief's seat, I	can'	t think. Not like Piggy. Once more that evening
57	Lord of th...	ore. There's fruit." Bill came up to Ralph. "Why	can'	t we stay here for a bit?" "That's
58	Lord of th...	g among the embers so that sparks flew. "We	can	do all right on our own, can't we?"
59	Lord of th...	they feel. See? That's all." "The best thing we	can	do is get ourselves rescued." Jack had to think
60	Lord of th...	fingers into a fist. "There's only one thing we	can	do to get out of this mess. Anyone can
61	Lord of th...	glass again and went back to his subject. "We	can	do without Jack Merridew. There's others besid
62	Lord of th...	en yards away and uttered his cry. Perhaps he	can	hear my heart over the noises of the fire.
63	Lord of th...	of bird-clamor and echoes ringing. "I bet you	can	hear that for miles." Ralph found his breath an

Figure 4. Concordance of Can

Based on the corpus data above, it shows that the modal can in The Lord of Flies novel contains epistemic and dynamic meanings. An example of modal can showing an epistemic (Impossibility) meaning can be seen in corpus data No.1, and an example of modal can showing a dynamic (Ability) meaning can be seen in corpus data No.61.

### Modal Would

To find out the meaning of modal would in The Lord of Flies novel, the researcher conducted a search using the KWIC (Keyword in Context) feature, so that the following data was obtained:

KWIC Plot File Cluster N-Gram Collocate Word Keyword Wordcloud					
Total Hits: 111 Page Size 100 hits 1 to 100 of 111 hits					
	File	Left Context	Hit	Right Context	
63	Lord of th...	it. He used to blow it and then his murr	would	come. It's ever so valuable—" Near to Ralph'	
64	Lord of th...	I wish the air was cooler." "I wish the rain	would	come." "I wish we could go home." Piggy lay	
65	Lord of th...	to bring a stone and wedge the thing. So they	would	continue enduring the ill-balanced twister, because, because, . . . Again	
66	Lord of th...	then was the night's lair. At first light he	would	creep into the thicket, squeeze between the twisted stems,	
67	Lord of th...	to meet any beast and didn't know what he	would	do about it if he did. He saw that	
68	Lord of th...	go on, that's all. That's what grown-ups	would	do." Ralph, having begun the business of unburdening himself,	
69	Lord of th...	pulling a lump from the poor soil and soon it	would	fall. He tore out the stem and began to	
70	Lord of th...	his chin and stared at the traces as though he	would	force them to speak to him. Then dog-like,	
71	Lord of th...	lay over the island like a vapor. These painted savages	would	go further and further. Then there was that indefinable	
72	Lord of th...	no, he wouldn't go into the forest by himself,	would	he?" Ralph jumped up, ran swiftly round the fire	
73	Lord of th...	no reply. To carry he must speak louder; and this	would	Home Page Title Page Contents !! ! "" " Page 268 of 290 Go Back	
74	Lord of th...	could be transported home by jet, then before morning they	would	land at that big airfield in Wiltshire. They would	
75	Lord of th...	Go on, laugh. There's them on this island as	would	laugh at anything. And what happened? What's grown-	
76	Lord of th...	today, and then tomorrow Idots. He argued unconvincingly that they	would	let him alone, perhaps even make an outlaw of	
77	Lord of th...	heat, even for this island. Ralph planned his toilet. He	would	like to have a pair of scissors and cut	

Figure 5. Concordance of Would

Based on the corpus data above, it shows that the modal would in The Lord of Flies novel contains intentional and epistemic meanings. An example of modal would showing intentional meaning (Desire) can be seen in corpus data No.77, and an example of modal would showing epistemic meaning (Prediction) can be seen in corpus data No.63.

### Modal Might

To find out the meaning of modal would in The Lord of Flies novel, the researcher conducted a search using the KWIC (Keyword in Context) feature, so that the following data was obtained:



KWIC	Plot	File	Cluster	N-Gram	Collocate	Word	Keyword	Wordcloud
Total Hits: 42 Page Size 100 hits 1 to 42 of 42 hits								
File	Left Context						Hit	Right Context
1 Lord of th...	them on the steeper side of the mountain, the patch						might	have been designed expressly for fuel. Trees, forced by
2 Lord of th...	water. They cried for their mothers much less often than						might	have been expected; they were very brown, and filthily
3 Lord of th...	turned and faced him. "They might have seen us. We						might	have gone home—" This was too bitter for Piggy,
4 Lord of th...	and your blood, Jack Merridew! You and your hunting! We						might	have gone home—" Ralph pushed Piggy to one side. "
5 Lord of th...	who had said, "Sir, yes, Sir"—and worn caps? Daylight						might	have answered yes; but darkness and the horrors of
6 Lord of th...	what I was." "We was scared!" said Piggy excitedly. "Anything						might	have happened. It wasn't—what you said." He
7 Lord of th...	Ralph's voice. "But you haven't yet." His invitation						might	have passed as casual, were it not for the
8 Lord of th...	a step toward Jack, who turned and faced him. "They						might	have seen us. We might have gone home—" This
9 Lord of th...	any traces. Coming?" "But the sun's nearly set!" "I						might	have time—" They walked along, two continents of experience
10 Lord of th...	the tribe were curious to hear what amusing thing he						might	have to say. Silence and pause; but in the
11 Lord of th...	was uncoiling slowly. Beneath the smoke was a dot that						might	be a funnel. Ralph's face was pale as
12 Lord of th...	and danger had faded with the darkness. "Jack. The beast						might	be on the other side. You can lead again.
13 Lord of th...	do straight off. If this isn't an island we						might	be rescued straight away. So we've got to
14 Lord of th...	under the bushes and chanced to glimpse human flesh it						might	be Samneric who would pretend not to see and
15 Lord of th...	the circle and Simon shrank from it. "I thought there						might	be something to do. Something we—" Again the pressure

Figure 6. Concordance of Might

Based on the corpus data above, it shows that the capital might in The Lord of Flies novel contains epistemic meaning. In addition, the capital might can also be used to show past and present times.

#### Modal Must

To find out the meaning of the modal must in The Lord of Flies novel, the researcher conducted a search using the KWIC (Keyword in Context) feature, in order to obtain the following data:

KWIC	Plot	File	Cluster	N-Gram	Collocate	Word	Keyword	Wordcloud
Total Hits: 37 Page Size 100 hits 1 to 37 of 37 hits								
	File	Left Context	Hit	Right Context				
19	Lord of th...	required more than rational assurance. "He	must	have had a nightmare. Stumbling about am				
20	Lord of th...	me down and sat on the steamy earth. "He	must	have flown off after he dropped us. He coul				
21	Lord of th...	st make smoke on top of the mountain. We	must	make a fire." Home Page Title Page Contents				
22	Lord of th...	ar the island they may not notice us. So we	must	make smoke on top of the mountain. We m				
23	Lord of th...	Without the fire we can't be rescued. So we	must	stay by the fire and make smoke." When he				
24	Lord of th...	got to decide if this is an island. Everybody	must	stay round here and wait and not go away.				
25	Lord of th...	dded solemnly. "Yes," he said, "I suppose it	must	be." The forest near them burst into uproar.				
26	Lord of th...	iggy who flushed, this time with pride. "You	must	carry it." "When we're ready I'll carry				
27	Lord of th...	k." "Like a girl!" "No. 'Course not." "Then we	must	go as we are," said Ralph, "and they won'				

Figure 7. Concordance of Must

Based on the corpus of data, it shows that the modal must in The Lord of Flies novel contains epistemic and deontic meanings. Examples of modal must which contain epistemic meaning (possibility) can be seen in corpus data No.19, and modal must which contains deontic meaning (command) can be seen in corpus data No.26.

#### Modal Should

To find out the meaning of modal should in The Lord of Flies novel, the researcher conducted a search using the KWIC (Keyword in Context) feature, in order to obtain the following data:

KWIC	Plot	File	Cluster	N-Gram	Collocate	Word	Keyword	Wordcloud
Total Hits: 22		Page Size	100 hits		1 to 22 of 22 hits			
	File	Left Context	Hit	Right Context				
1	Lord of th...	was lashings of blood," said Jack, laughing and shuddering, "you	should	have seen it!" "We'll go hunting every day—"				
2	Lord of th...	a long satisfying drink. He spread his arms wide. "You	should	have seen the blood!" The hunters were more silent				
3	Lord of th...	the twins, on duty at the fire. In theory one	should	have been Home Page Title Page Contents !! ! "" " Page 136 of 290				
4	Lord of th...	it worry him. "We can light the fire again. You	should	have been with us, Ralph. We had a smashing				
5	Lord of th...	and I hit him with it in the pills. You	should	have heard him holler! He won't come back				
6	Lord of th...	the officer as he visualized the search before him, "I	should	have thought that a pack of British boys—you'				
7	Lord of th...	Go Back Full Screen Close Quit are?" "No, sir." "I	should	have thought," said the officer as he visualized the				
8	Lord of th...	Piggy. "Got 'em just now." "Kids' names," said Merridew. "Why	should	I be Jack? I'm Merridew." Ralph turned to				
9	Lord of th...	you think we're safe down here?" "How the hell	should	I know?" Ralph jerked away from him and walked				
10	Lord of th...	of rubber and canvas held together the poor body that	should	be rotting away. Then the wind blew again and				
11	Lord of th...	yards away, was a rock-like hump where no rock	should	be. Ralph could hear a tiny chattering noise com-				
12	Lord of th...	can't sing—" "I'm chief. I was chosen." "Why	should	choosing make any difference? Just giving orders that don'				
13	Lord of th...	to the platform and invite them to a feast. That	should	give us time." Roger spoke. "Chief—" "Uh—" "How can				
14	Lord of th...	I called it." "If you hadn't called it I	should	have. You just blew the conch." "Well, isn't				
15	Lord of th...	of sticks. We could have a sundial each. Then we	should	know what the time was." "A fat lot of				

Figure 8. Concordance of Should

Based on the corpus of data, it shows that the modal should in The Lord of Flies only contains epistemic meaning.

### Modal Will

To find out the meaning of the modal will in The Lord of Flies novel, the researcher conducted a search using the KWIC (Keyword in Context) feature, in order to obtain the following data:

KWIC	Plot	File	Cluster	N-Gram	Collocate	Word	Keyword	Wordcloud
Total Hits: 15 Page Size 100 hits 1 to 15 of 15 hits								
	File	Left Context	Hit	Right Context				
1	Lord of th...	He says he saw the beastie, the snake-thing, and	will	it come back tonight?" "But there isn't a				
2	Lord of th...	in the trees and hung in the branches. He says	will	it come back tonight?" "But there isn't a				
3	Lord of th...	from his own mouth. He bound himself together with his	will,	fused his fear and loathing into a hatred, and				
4	Lord of th...	get all mixed, and lose each other—three of us	will	go on an expedition and find out. I'll				
5	Lord of th...	rescue." "Who'll join my tribe?" "I will." "Me." "I	will."	Home Page Title Page Contents !! ! "" " Page 216 of 290 Go Back				
6	Lord of th...	Page 215 of 290 Go Back Full Screen Close Quit beast. Who	will	join my tribe?" "I'm chief," said Ralph, "because				
7	Lord of th...	whispered. "The fire—rescue." "Who'll join my tribe?" "I	will."	Me." "I will." Home Page Title Page Contents !! ! "" " Page 216				
8	Lord of th...	him. "I gave you food," said Jack, "and my hunters	will	protect you from the Home Page Title Page Contents !! ! "" "				
9	Lord of th...	cheerfulness and better heart. "And sooner or later a ship	will	put in here. It might even be Daddy's				
10	Lord of th...	me and bring back meat. The defenders of the gate	will	see that the others don't sneak in." A				
11	Lord of th...	this savage and that with his spear. "Some of you	will	stay here to improve the cave and defend the				
12	Lord of th...	sneak in, Chief?" The chief was vague but earnest. "They	will.	They'll try to spoil things we do. So				
13	Lord of th...	knowledge that they had outwitted a living thing, imposed their	will	upon it, taken away its life like a long				
14	Lord of th...	Screen Close Quit He cleared his throat and went on. "	Will	you light the fire?" Now the absurd situation was				
15	Lord of th...	to begin confession. Ralph spoke first, crimson in the face. "	Will	you?" Home Page Title Page Contents !! ! "" " Page 54 of 290 Go				

Figure 9. Concordance of Will

Based on the corpus data, it shows that the modal will in The Lord of Flies contains intentional, epistemic, and dynamic meanings. An example of will capital which contains intentional meaning can be seen in data corpus No. 14, an example of modal will which contains epistemic meaning can be seen in corpus data No.11, and modal will in corpus data No.8 means ability based on the context, so modal will also contains dynamic meaning.

## Modal May

To find out the meaning of modal may in The Lord of Flies novel, the researcher conducted a search using the KWIC (Keyword in Context) feature, so that the following data was obtained:

KWIC	Plot	File	Cluster	N-Gram	Collocate	Word	Keyword	Wordcloud
Total Hits: 14 Page Size 100 hits 1 to 14 of 14 hits								
	File	Left Context	Hit	Right Context				
1	Lord of th...	special people for looking after the fire. Any day there	may	be a ship out there—he waved his arm				
2	Lord of th...	you see the mountain? There's no signal showing. There	may	be a ship out there. Are you all off				
3	Lord of th...	there'll be no smoke. Don't you understand? There	may	be a ship out there—" He paused, defeated by				
4	Lord of th...	shot down in flames. Nobody knows where we are. We	may	be here a long time." The silence was so				
5	Lord of th...	of fair hair that hung on his forehead. "So we	may	be here a long time." Nobody said anything. He				
6	Lord of th...	for a moment, then muttered. "Keep a good lookout. It	may	be following." A shower of ash pattered round them.				
7	Lord of th...	thought for a moment, formulating the question. "Who thinks there	may	be ghosts?" For a long time there was silence				
8	Lord of th...	Screen Close Quit there's no signal going up. Ships	may	be passing. Do you remember how he went hunting				
9	Lord of th...	semicircle shuddered and muttered in agreement. "He came—disguised. He	may	come again even though we gave him the head				
10	Lord of th...	ought to take spears," said Sam. "Even Piggy." "—because we	may	need them." "You haven't got the conch!" Piggy				
11	Lord of th...	find us. If a ship comes near the island they	may	not notice us. So we must make smoke on				
12	Lord of th...	lips quivered and the spectacles were dimmed with mist. "We	may	stay here till we die." With that word the				
13	Lord of th...	Don't you understand, Piggy? The things we did—" "He	may	still be—" "No." "P'raps he was only pretending—"				
14	Lord of th...	d have seen them. For all we know, the beast	may	swing through the trees like what's its name."				

Figure 10. Concordance of May

Based on the corpus of data, it shows that the capital must in The Lord of Flies novel only contains epistemic meaning.

## Modal Shall

To find out the meaning of the modal shall in The Lord of Flies novel, the researcher conducted a search using the KWIC (Keyword in Context) feature, in order to obtain the following data:

KWIC	Plot	File	Cluster	N-Gram	Collocate	Word	Keyword	Wordcloud
Total Hits: 8 <b>Page Size</b> 100 hits 1 to 8 of 8 hits								
	File	Left Context	Hit	Right Context				
1	Lord of th...	again. "We want to be rescued; and of course we	shall	be rescued." Voices babbled. The simple statement, unbacked by				
2	Lord of th...	Daddy's ship. So you see, sooner or later, we	shall	be rescued." He paused, with the point made. The				
3	Lord of th...	here to improve the cave and defend the gate. I	shall	take a few hunters with me and bring back				
4	Lord of th...	Contents !! " " Page 231 of 290 Go Back Full Screen Close Quit "We	shall	take fire from the others. Listen. Tomorrow we'll				
5	Lord of th...	spread. "—Or else," said the Lord of the Flies, "we	shall	do you? See? Jack and Roger and Maurice and				
6	Lord of th...	the sun-slashed faces. "There aren't any grownups. We	shall	have to look after ourselves." The meeting hummed and				
7	Lord of th...	squatted with the rest. "Tomorrow," went on the chief, "we	shall	hunt again." Home Page Title Page Contents !! " " Page 229 of 290				
8	Lord of th...	t get it." Now the antagonism was audible. "But I	shall!	Next time! wounded a pig and the spear fell				

Figure 11. Concordance of Shall

The corpus data shows that the modal must in The Lord of Flies only contains epistemic meaning.

## CONCLUSION

The conclusions obtained try to answer the questions in the problem formulation previously described, namely what types of modals are in The Lord of Flies novel and what the meanings of modal auxiliaries are contained in The Lord of Flies novel. Based on data analysis, it shows that there are 549 modal auxiliaries in The Lord of Flies which are divided into 9 types of modal, and there is no type of modal "ought to" found. The 9

types of modal are modal "could" with an occurrence frequency of 161 times (29.49%), modal "can" with a frequency of occurrence of 136 times (24.91%), modal "would" with an occurrence frequency of 111 times (20.33%), modal "might" with a frequency of occurrence of 42 times (7.69%), modal "must" with a frequency of occurrence of 37 times (6.78%), modal "should" with a frequency of occurrence of 22 times (4.03%), capital "will" with a frequency of occurrence of 15 times (2.75%), modal "may" with a frequency of occurrence of 14 times (2.56%), and modal "shall" with an occurrence frequency of 8 times (1.47%). And the meanings of modal in The Lord of Flies are intentional, epistemic, deontic, and dynamic.

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