# 001 002 003 004 005 006 007 008

# 011 012 013 014 015 016 017

# 018 019 020

# 022 023 024

# 025 026 027 028 029 030 031 032

# Sonnet or Not, Bot? Poetry Evaluation for Large Models and Datasets

# **Anonymous ACL submission**

#### Abstract

Large language models (LLMs) can now generate and recognize text in a wide range of styles and genres, including highly specialized, creative genres like poetry. But what do LLMs really know about poetry? What can they know about poetry? We develop a task to evaluate how well LLMs recognize one aspect of English-language poetry, poetic form, which captures many different poetic features, including rhyme scheme, meter, and word or line repetition. We use this task to reflect on LLMs' current poetic capabilities, as well as the challenges and pitfalls of creating NLP benchmarks for poetry and for other creative tasks. In particular, we use this task to audit and reflect on the poems included in popular pretraining datasets. Our findings have implications for NLP researchers interested in model evaluation, digital humanities and cultural analytics research, and cultural heritage collections.

#### 1 Introduction

Writing free verse is like playing tennis with the net down.

- Robert Frost

The poetic capabilities of large language models (LLMs) have been cited prominently by journalists, social media users, and even LLM developers and marketers (Pogue, 2023; Zahn, 2022; Roose et al., 2024). Google named its first chatbot "Bard," a traditional term for a poet and the nickname of William Shakespeare, and Anthropic named two of its 2024 Claude models after popular poetic forms, "Sonnet" and "Haiku." Microsoft released an ad that featured its Bing chatbot writing poetry (Bing), as well as an instruction guide for how to write poems with Copilot, including a list of suggested forms to try (Microsoft, 2023). Generated poetry was also one of the first LLM outputs to go viral on social media and remains popular there (Thomas H. Ptacek [@tqbf]). Poetry is a lightning rod for the

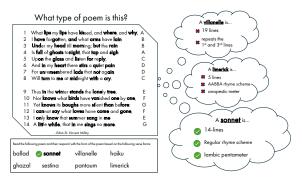


Figure 1: We develop a task to evaluate how well LLMs can identify *poetic form* for more than 20 poetic forms and formal elements in the English language. This is a challenging task because poetic form is determined by a combination of factors: rhyme scheme, meter, repetition, number of lines, and/or subject matter.

marketing and popular imagination of LLM capabilities because it is a signifier of human creativity and complexity, as well as a popular and culturally significant art form with a long history.

041

042

044

045

051

052

057

060

061

062

063

064

But what do LLMs really know about poetry? What *can* they know about poetry? Prior research has focused on computational poetry generation (Zhang and Lapata, 2014), summarization (Mahbub et al., 2023) and detection of individual forms (Abdibayev et al., 2021a), but we need broader evaluation of a wider range of poetic forms and features, and updated audits of LLM capacities and knowledge. Poetic features uniquely combine verbal, aural, and visual elements; the substance, sound, and (in written poetry) appearance of words on the page (e.g., white space) all matter. What's more, poetry often communicates deep emotion and meaning in non-literal, ambiguous ways, employing figurative language, irony, and allusion.

To measure LLMs' poetic capabilities, we develop a task to evaluate how well LLMs recognize more than 20 poetic forms and formal elements in the English language. Poetic form captures many different poetic features, including rhyme scheme,

meter, and word or line repetition (see A.8), and it also represents a distinct kind of literary genre. *Sonnets*, *limericks*, and *haiku* are well-known forms, but there are also less-known, more complicated forms like *sestinas* (which repeat the same six endwords in an intricate pattern) or *pantoums* (which repeat the second and fourth lines in an alternating pattern). This task is "difficult"—in some ways inherently so—even for expert human annotators, as we show in a small formative study.

065

071

079

091

097

100

101

103

104

105

106

107

108

109

110

111

112

113

114

115

We use this task to reflect on LLMs' current poetic capabilities, as well as the challenges and pitfalls of creating NLP benchmarks for poetry and for other creative tasks. In particular, we use this task to audit and reflect on the poems included in popular pretraining datasets. A complication is that the circulation of poetry is different from other literary texts, like fiction books and long-form prose, resulting in unmeasured differences in pretraining datasets. Poems are often short and "portable"; on the web and within the publishing industry, individual poems can "travel" across multiple websites and anthologies in ways that previously studied books data (Chang et al., 2023) do not, resulting in increased memorization issues that will affect any poetry evaluation benchmark.

We find that LLMs—particularly GPT-4 and GPT-4o—can successfully identify both common and uncommon *fixed* poetic forms, such as *sonnets*, *sestinas*, and *pantoums*, at surprisingly high accuracy levels when compared to annotations by human experts. But performance varies widely by poetic form and feature; the models struggle to identify *unfixed* poetic forms, especially ones based on topic or visual features. While the LLMs have most success with the poetic forms most commonly found in popular pretraining datasets, we do not see major differences when we compare model performance on poems from major online poetry institutions, popular pretraining datasets, or print books with little to no digital presence.

Our findings have implications for NLP studies of poetry/creative text generation and analysis, digital humanities and cultural analytics research, as well as cultural heritage collections, libraries, and archives that include poetry.

Our contributions include:

- the introduction of the poetic form detection task, with a comparison to formative human study of poetry experts,
- a benchmark evaluation dataset with 1.4k pub-

lic domain poems and form annotations,

 an analysis of poems found in popular pretraining data, 116

117

118

119

120

121

122

123

124

125

126

127

128

129

130

131

132

133

134

135

136

137

138

139

140

141

142

143

144

145

146

147

148

149

150

151

152

153

154

155

156

157

158

159

160

161

162

• code and data that we release to the public.<sup>1</sup>

## 2 Poetic Form

Subjective, Fluid, Context-Dependent. Traditionally, "form" refers to "the manner in which a poem is composed as distinct from what the poem is about," and it can also refer more broadly to "genre or kind of composition" (Preminger et al., 2015). Poetic form can be defined by particular patterns of sound, referred to as prosody, and/or by visual patterns. In scholarship on poetics, forms are fluid and sometimes overlapping. They exist within specific cultural and linguistic contexts, but also travel across them (Ramazani, 2009). They are socially and historically constructed and have been the subject of heated debates (Martin, 2012), while also having remarkable durability across time (a number of the forms we test originated over 1,000 years ago). Since we focus on a corpus of English-language poetry, the forms we focus on are all common in English, although most of them originated in other languages. For "fixed" forms, there are often specific rules and complex patterns of versification, but these rules are also likely to be stretched or broken by poets (Leighton, 2008). Like other literary genres, forms serve as "frameworks of expectation" (Seitel, 2003) that are called up and manipulated in meaningful ways by writers. This makes it inherently difficult and subjective to evaluate poetic form.

Fixed and Unfixed Forms. We divide the poetic forms we consider into three categories: fixed forms, formal elements, and unfixed forms. Fixed forms follow particular patterns in terms of number of lines, meter, rhyme, and/or repetition. Sonnets and villanelles are both fixed forms. Formal elements, such as common stanza types and meters, may be component parts of other forms or may define a poem as a whole. For example, there are generally three quatrains—or 4-line stanzas—in a Shakespearean sonnet. But a poem made up entirely of quatrains is a "quatrain poem." Unfixed forms are defined by particular subject matter or kinds of content, rather than by repetition and sound. These are forms like elegy (writing about

<sup>1</sup>https://anonymous.4open.science/r/
poetry-eval-D421

loss), which come in a variety of shapes, sizes, and patterns. See A.8 for full definitions and examples.

These categorizations are recognized as imperfect, and they are neither stable nor discrete. A type of poetry like *haiku* has a common fixed form in English—three lines consisting of 5, 7, and 5 syllables—but haiku can also refer to concise, nonnarrative poems with any number of lines that tend to focus on natural imagery (Sato, 2018). Lastly, a single poem can also belong to more than one category. For example, John Keats's "Ode on a Grecian Urn" is an *ode*, but it is also an example of *ekphra*sis (writing about art), since it describes a decorated vase. To address this complexity, we exclude poems with multiple relevant tags in the same "form group," such as pastoral and elegy (both unfixed forms). We believe that multi-label classification is an important avenue for future work.

Meta-Discussion of Poetic Form. Like Keats, many authors include the name of the form they are engaged with in the title or text of a poem itself. While in the context of NLP evaluation these explicit mentions of a poem's form may seem to "give away" the correct answer, they are a fundamental aspect of poetry and are integral to a human reading experience. Thus, we do not exclude this information from our data or task; however, we do include basic statistics about how many poems include the form in the title or text (Figures 4, 5), and we experiment with prompts where the title is and is not included.

#### 3 Data

To test how well LLMs evaluate poetic form, we curate over 4.1k poems, mostly English-language, which have been tagged/categorized with their poetic forms by human annotators, and either published online or collected in books.

# 3.1 Poetry Sources

**Poetry Foundation.** Poetry Foundation is a non-profit that works "to amplify poetry and celebrate poets" (Foundation, 2024) The organization runs *Poetry* magazine, and it also hosts an online database of English-language poetry with more than 47k poems.

**Academy of American Poets.** The Academy of American Poets is also a non-profit whose mission is "to support American poets at all stages of their careers and to foster the appreciation of contemporary poetry" (Poets, 2024). The organization hosts

the website Poets.org, which includes more than 10k poems.

Manually Digitized Poetry Books. We also manually digitize a range of poetry collections and anthologies organized by form that, when searched in the international library database WorldCat, did not have obvious e-books or presences in major databases (e.g. HathiTrust Digital Library). See A.6 for full list of books.

To our knowledge, the collections from the Poetry Foundation and Academy of American Poets represent the largest collections of human-labeled poetry that extend into the present day. They are both well-respected poetry institutions with significant engagement from poets and poetry scholars. Both institutions have taken great care in formatting their poems with correct white space and line breaks in the HTML of their websites—an aspect of the poems that is essential to understanding both their form and meaning.

We release 1.4k public domain poems from this dataset with form annotations as well as other accompanying metadata, such as subject tags and author birth and death years, when available. We do not make in-copyright poems available.

# 3.2 Poetry Curation and Processing

We select poems in the following categories delineated by the Poetry Foundation on their website: verse forms, stanza forms, meters, and types/modes. Conceptually, as discussed in §2, we frame these tag categories as **fixed forms**, **formal elements**, and **unfixed forms** (see Table 1). The Academy of American Poets does not tag poems by meter or stanza form, so for these forms, we only use the Poetry Foundation as our source.

We scrape up to 400 poems per available form on each of the two websites. We exclude poems that have multiple relevant tags in the same "form group," but we allow poems that may have multiple relevant tags in different form groups, such as *blank verse* (formal element) and *elegy* (unfixed form). We preserve white space and line breaks in our dataset and see this as a central contribution.

Additionally, we digitize 15 print poetry anthologies and collections tagged with each of the fixed forms that we consider, according to Library of Congress subject headings via WorldCat.

Poetic Form x Source	Poetry Foundation	Academy of American Poets	Both	Manually Digitized	Total
Fixed Forms					
Ballad	96	12	2	25	135
Ghazal	21	19	0	40	80
Haiku	25	24	1	42	92
Limerick	6	1	0	42	49
Pantoum	11	14	0	42	67
Sestina	16	23	2	40	81
Sonnet	376	467	13	40	896
Villanelle	43	17	3	40	103
Formal Elements					
Blank Verse	209	0	0	0	209
Free Verse	387	0	0	0	387
Common	112	0	0	0	112
Measure	112	U	U	U	112
Couplet	398	0	0	0	398
Quatrain	89	0	0	0	89
Tercet	94	0	0	0	94
Unfixed Forms					
Ars Poetica	23	68	3	0	94
Aubade	11	5	0	0	16
Concrete	24	0	0	0	24
Poetry	24	U	U	U	24
Dramatic	158	32	1	0	191
Monologue	138	32	1	U	191
Ekphrasis	81	63	1	0	145
Elegy	193	59	2	10	264
Ode	73	43	3	2	121
Pastoral	75	0	0	0	75
Prose Poem	334	141	0	0	475
Total	2,855	988	31	323	4,197 poem/form pairs

Table 1: The distribution of poems by form and source.

#### **Auditing Pretraining Data for Poems** 3.3

261

262

263

265

266

269

270

274

275

276

278

283

Online resources like Poetry Foundation are valuable in large part because they make thousands of poems available on the internet for free. However, this also means that these specific poems are more likely to be present in the training data of LLMs, leading to memorization issues that are could affect performance on our form classification task. Prior work has found significant amounts of poetry memorization in large models like GPT-3.5 (D'Souza and Mimno, 2023). We therefore perform initial experiments to probe pretraining datasets for the poems in our datasets. Thanks to new data resources (Soldaini et al., 2024; Elazar et al., 2023), we can search directly for poems in pretraining data rather than probing model outputs.

**Dolma.** We rely on the Dolma open pretraining dataset (Soldaini et al., 2024). Dolma is a "threetrillion-token English corpus, built from a diverse mixture of web content, scientific papers, code, public-domain books, social media, and encyclopedic materials." It includes Github, Wikipedia, WikiBooks, Reddit, Semantic Scholar, Project Gutenberg, and Common Crawl texts, resulting in a large pretraining dataset that is open to researchers.

Domain	N Poems	N Lines	Domain Type
github.com	740	40,724	content hosting
reddit.com	733	9,773	social media
books.google	545	113,373	books
engpoetry.com	477	4,923	poetry
gutenberg.org	431	15,363	books
poets.org	256	2,290	poetry
poemhunter.com	243	1,589	poetry
quotes.yourdiction	217	2,611	quotes
enotes.com	200	872	study guides
poetryexplorer.net	181	649	poetry
poetrysoup.com	179	3,126	poetry
inspirationalstori	171	866	stories
free-translator.com	147	2,555	translation
hotfreebooks.com	145	2,110	books
m.poemhunter.com	142	1,218	poetry
rpo.library.utoron	132	1,026	books
poemine.com	129	835	poetry
semanticscholar.org	127	442	academic papers
internetpoem.com	125	798	poetry
azquotes.com	121	460	quotes

Table 2: The source domains with the highest number of detected poems.

284

288

289

290

291

292

294

296

297

298

300

301

302

303

304

305

306

307

308

309

310

311

312

313

We query the Dolma dataset (see §3.3) using the WHAT'S IN MY BIG DATA (WIMBD) platform (Elazar et al., 2023).<sup>2</sup> WIMBD allows us to search for exact strings and returns all matches along with their associated metadata, including the data source, the original web domain, the surrounding text, and other information. We split each poem into lines, and we remove lines with fewer than four whitespace-delimited tokens (otherwise, the queries are often short and generic, resulting in matches that are not reliably part of a poem). We truncate lines at 20 tokens for query efficiency. We release this data publicly to support future research.

How many poems are in pretraining data? find that about half of the poems (57%) are not present in Dolma (not even one line is detected). This does not guarantee that these poems are not present in the pretraining data for industry models, whose pretraining data is not disclosed and which likely include many in-copyright texts—but this provides us with one publicly available clue. Fig. 2 shows the forms and the proportions of their associated poems that were detected in Dolma, categorized by the Dolma source. About 30% of our poems are found in the Common Crawl data included in Dolma, with the C4 dataset close behind. Wikipedia and Semantic Scholar contain the fewest detected poems. Overall, if at least one line from a poem is detected, it is likely that all the lines will be detected somewhere in Dolma (see Fig. 3).

<sup>&</sup>lt;sup>2</sup>https://github.com/allenai/wimbd

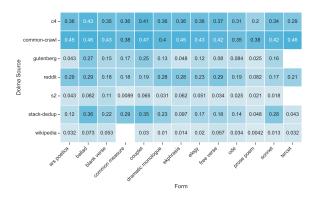


Figure 2: The proportion of all poems for a given form that were detected (at least one line) in the source data for Dolma. We include only the most frequent forms. We divide by the total number of poems in our dataset, and poems can appear in multiple sources.

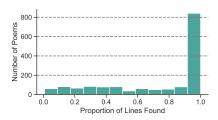


Figure 3: The proportions of lines detected in Dolma per poem (only those with at least one line detected).

# Where does poetry pretraining data come from?

Examining the web domains from which the Dolma data was sourced, we find that large websites like Github, Reddit, and Google Books dominate the rankings (Table 2). Many poetry-specific websites like engpoetry.com and poets.org also are present in the top ranked domains, as domains related to books. Figure 2 shows the distribution across data sources, with the Common Crawl dataset dominating, but some sources, e.g., Gutenberg, only containing significant percentages for certain forms like ballads and couplets. Models trained on different mixes of these sources could be more or less capable of recognizing certain forms.

Are these poems memorized? We additionally replicate the tests from D'Souza and Mimno (2023) by prompting GPT-4 to produce the next five lines of a poem, given its title, author, and first line (see A.7 for our prompt). We then hand-annotate the correctness of the model's output for 300 random poems. We find that 42% of poems are memorized by GPT-4, and 36% of these memorized poems are also found in Dolma. This indicates that more poetry data is available in the training of closed models like GPT-4 than is available in Dolma, and

memorization is an issue that can be partly but not fully addressed by current open resources.

#### 4 Methods

### 4.1 Form Classification

We compare the performance of six diverse, state-of-the-art LLMs on the task of identifying more than 20 poetic forms and formal elements from a list of possible options. We test three iterations of the GPT models—GPT-3.5 Turbo, GPT-4 (OpenAI et al.), and GPT-4o (OpenAI, 2024)—because we are interested in the evolution of poetic capacities in LLMs over time. We also test Claude 3 Sonnet (Anthropic, 2024), Llama3 (Meta, 2024), and the open-source Mixtral 8x22B (AI, 2024).

We experiment with four different zero-shot prompt types, showing the model different amounts of the poem and/or contextual information. We prompt the model with 1) only the text of the poem; 2) only the title and author; 3) only the first line of the poem; 4) only the last line of the poem. We use these different prompts to test for memorization and to better understand how different aspects of a poem, such as a title, may impact performance.

We additionally ask the model to provide both an elaborated and one-word rationale for its choice as well as a confidence score. We show two example templates of the desired response format. An example prompt and response is included in A.5.

#### 4.2 Formative Study with Human Experts

We conduct a small, formative survey with 15 self-identified literature and poetry scholars, asking them to categorize four example poems from our dataset based on text alone. We purposely select four challenging and ambiguous examples based on our own domain expertise: John Crowe Ransom's "Piazza Piece" (sonnet); Robert Browning's "Prospice" (ballad); Natalie Diaz's "My Brother at 3 A.M." (pantoum); Matthew Rohrer's "Poem Written with Buson ['In a minute']" (haiku). We shared the survey in early 2024 on social media, with colleagues, and to scholars associated with the literary studies conference MLA.

#### 5 Results

# 5.1 Form Classification by LLMs

When prompted with only the text of a poem, the LLMs perform better overall on the *fixed* poetic forms than on the *unfixed* forms or *formal elements*. Classification performance for *sonnets* and *haiku* 

		Sonnet			Limerick			Haiku		Ballad		
model	f1	precision	recall	f1	precision	recall	f1	precision	recall	f1	precision	recall
GPT-3.5	0.92	0.94	0.91	1.00	1.00	1.00	0.90	0.90	0.90	0.78	0.82	0.75
GPT-4	0.94	0.98	0.90	0.88	0.78	1.00	0.97	0.98	0.96	0.83	0.78	0.88
GPT-4o	0.94	0.99	0.89	0.93	0.88	1.00	0.90	0.93	0.86	0.86	0.88	0.84
Claude	0.95	0.95	0.95	0.88	0.78	1.00	0.93	0.98	0.88	0.78	0.94	0.66
Mixtral	0.92	0.96	0.89	0.88	0.78	1.00	0.79	0.94	0.68	0.74	0.72	0.75
Llama3	0.73	1.00	0.58	0.70	0.54	1.00	0.79	0.94	0.68	0.45	0.31	0.80
		Sestina		Villanelle			Pantoum			Ghazal		
model	f1	precision	recall	f1	precision	recall	f1	precision	recall	f1	precision	recall
GPT-3.5	0.17	0.80	0.10	0.62	0.46	0.94	0.20	0.60	0.12	0.57	0.51	0.65
GPT-4	0.87	0.86	0.88	0.93	0.98	0.89	0.81	0.71	0.96	0.65	0.51	0.92
GPT-40	0.73	0.63	0.88	0.92	0.90	0.95	0.82	0.74	0.92	0.51	0.36	0.90
Claude	0.41	0.31	0.61	0.58	0.58	0.57	0.53	0.54	0.52	0.54	0.59	0.50
Ciaude			0.15	0.69	0.78	0.62	0.56	0.47	0.68	0.65	0.58	0.75
Mixtral	0.26	1.00	0.15	0.09	0.76	0.02	0.50	0.17	0.00	0.05	0.50	0.75

Table 3: LLM performance by model for the **fixed forms**, where the prompt includes only the poem text.

		Rhyme			Repetition			Meter			
Model	F1	Precision	Recall	F1	Precision	Recall	F1	Precision	Recall		
Claude	0.77	0.83	0.75	0.52	0.51	0.55	0.79	0.88	0.74		
GPT-3.5	0.83	0.82	0.90	0.39	0.59	0.45	0.77	0.82	0.75		
GPT-4	0.92	0.93	0.91	0.82	0.77	0.91	0.82	0.87	0.81		
GPT-40	0.94	0.93	0.95	0.75	0.66	0.91	0.88	0.91	0.85		
Llama3	0.64	0.61	0.85	0.31	0.40	0.28	0.67	0.71	0.66		
Mixtral	0.71	0.88	0.68	0.54	0.71	0.55	0.66	0.79	0.65		
	Fixed Topic				Fixed Length	ı		Visual Form			
Model	F1	Precision	Recall	F1	Precision	Recall	F1	Precision	Recall		
Claude	0.58	0.61	0.61	0.65	0.72	0.71	0.39	0.56	0.31		
GPT-3.5	0.50	0.51	0.55	0.60	0.74	0.66	0.30	0.54	0.22		
GPT-4	0.65	0.69	0.64	0.79	0.85	0.82	0.58	0.67	0.55		
GPT-40	0.65	0.68	0.65	0.82	0.82	0.87	0.64	0.65	0.62		
Llama3	0.53	0.53	0.53	0.50	0.64	0.61	0.28	0.59	0.19		
Mixtral	0.57	0.60	0.60	0.60	0.80	0.60	0.34	0.51	0.28		

Table 4: LLM performance by model for the **poetic features**, where the prompt includes only the text of the poem

is particularly high, with F1 scores near or over 0.9 for all models except Llama3 (Table 3). This may be attributed to the prevalence of these forms in the training data. Yet when we average model performance by poetic feature (Table 4), it suggests that the models may identify forms with rhyme, meter, and fixed length more easily overall (sonnets typically depend on all three, and haiku on length and syllable count).

The models generally struggle to identify forms based on repetition (see Table 5). However, GPT-4 and GPT-4o do well in this more uncommon poetic category, especially with *sestinas* (F1=0.87; 0.73), *villanelles* (F1=0.93; 0.92), and *pantoums* (F1=0.81; 0.82). This marks significant improvement from GPT-3.5 (F1=0.17, 0.62, 0.20) and is substantially stronger than Claude 3 Sonnet (F1=0.41, 0.58, 0.53), Mixtral 8x22B (F1=0.26, 0.69, 0.56), and Llama3 (F1=0.17, 0.32, 0.46).

Poetic forms based on topic prove more difficult for the models, depending on the topic (Table 5, 6). Forms centered on more concrete subjects like death (*elegy*) and art (*ars poetica*, *ekphrasis*) are more often recognized, while poems about abstract ideas and styles like *aubades* and *odes* are less so.

There are fewer forms in our dataset that depend on visual features, but most models except GPT-4 and GPT-40 falter with them, namely with *concrete or pattern poetry* (i.e. poems that rely on visual and typographical elements for their structure) and *prose poetry* (i.e. poems that don't have line breaks and look like prose).

## 5.2 Form Classification by Human Experts

Though the majority of the 15 self-reported literary scholars in our formative study correctly answered sonnet and ballad for poems 1 and 2, respectively (see Figure 8), it was not an overwhelming majority, and answers were split between a wide variety of poetic forms, suggesting that this is not an "easy" task even for trained professionals.

Poems 3 and 4 are even more interesting because they deviate slightly from conventional forms, and the majority of our literary scholar survey respon-

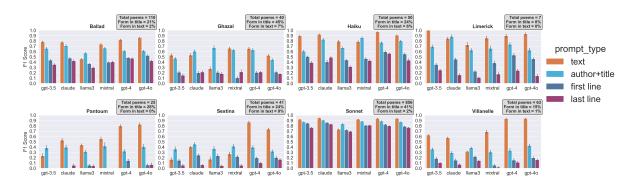


Figure 4: **Fixed Forms** — **Poetry Foundation and Academy of American Poets.** These figures show LLM performance (F1 scores) on the task of detecting a poem's *form* (in the same way as the human annotation/institution it was collected from) by prompt type: with only the text of the poem; only the author and title; only the first line; only the last line. Error bars indicate standard deviation across 20 bootstrapped samples of poems.

dents did not accurately identify them. Yet all models except GPT-40 correctly identified Matthew Rohrer's atypically long *haiku* based on the text alone, and GPT-4, GPT-40, and Lllama3 correctly identified Natalie Diaz's *pantoum* even though Diaz varies the form slightly over the course of the poem. We see these results as promising for more robust studies that compare poetry evaluation between human experts and LLMs.

## 5.3 Investigating Memorization Issues

When prompted with only the author and title of a poem (and not the text), the models achieve nearly as high or higher classification performance in certain categories (see Figure 4, 5). For sonnets, all the models achieve F1 scores of 0.85 or higher when provided with only the title and author, and scores of 0.75 or higher when provided with only the first or last line. While this result suggests possible memorization issues, at least 40% of the sonnets in our dataset also include the word "sonnet" in their title. Similarly, the models perform better with the author/title only prompt with forms that are often named in their titles, such as *aubade* (56%) and *ode* (48%) (see Figure 5).

We compare model performance for poems from the major online poetry websites with a smaller sample of manually digitized poems found only in print books (see Figure 7), and we see both improvements and declines in classification accuracy across different forms. Detection of *pantoums* improves across all models when shown the poem text, but it decreases considerably (compared to prior performance) when prompted with only the poem's title and author. This suggests that some *pantoums* from the web may be memorized by the

models, though it's clear that the models recognize this repetitive structure at high rates, perhaps especially in more conventional iterations (poems from our prestigious online literary sources may be more likely to be experimental than average). Classification accuracy for *sonnets* drops the most dramatically in our hand-digitized sample, but these sonnets are also unconventional in many ways (it is difficult to identify sonnets that have not reached the digital world), revealing the complexity and ambiguity of this task and the difficulty of curating data in these categories.

When we compare performance between poems that are found and not found in Dolma's popular pretraining datasets, the results are similarly mixed and inconclusive; we find little obvious impact and believe more work is needed in this area (Table 8).

# 6 Discussion

#### **6.1** Implications for NLP Researchers

Poetry poses unique challenges to NLP systems. Our form detection task captures many of these complexities, including the need to detect rhyme, meter, topic, and both word and line repetition while allowing for artistic license. This differs from the detection of prose genres, whose delineations mainly rely on topics. Our results emphasize the difficulty of this task, as none of the models tested were able to achieve high test results across the forms, especially the less popular forms. Additionally, our audit of pretraining data holds important lessons for NLP researchers who are designing evaluation benchmarks; most importantly, that memorization is an uneven issue that needs to be quantified.

# **6.2** Implications for Poetry Researchers, Readers, and Digitized Collections

Automatic or computationally-augmented form detection has the potential to improve discoverability of poems in digital libraries and archives. Poems were often published in periodicals, collections, and anthologies, and when these sources are digitized in full, it makes it difficult to find them as individual texts. Consistent detection of structured verse forms would aid in the identification of poetic texts within digitized historical sources.

Additionally, LLM evaluations may offer scholars potential insight into the legibility and durability of different poetic forms, as well as how forms relate to each other. For example, LLMs' successful classification of sonnets may provide further evidence for the form's status as "an exceptionally transnational poetic design... dispersed throughout more of the modern world than any other type of Western lyric" (Maxwell, 2004).

Finally, this research has implications for scholarship on the circulation and reception of poems online. Poems and/or subsections of them often circulate widely. Analyzing which lines appear in training data offers insight into where poems appear on the internet and how they travel online.

#### 7 Related Work

## 7.1 Poetry Generation and Analysis

Machine-generated poetry has been a focal area in NLP for many decades and has received renewed interest in the era of LLMs (Manurung et al., 2000; Gonçalo Oliveira, 2017; Van de Cruys, 2020; Ormazabal et al.; Lewis et al., 2021; Hu et al., 2023; Mélanie-Becquet et al.; Yu et al., 2024). Computational analysis of poetry, form, and features like rhyme and meter also has a long history, which is being transformed by LLMs (Petrick, 1977; Yokoyama; Genzel et al., 2010; Haider, 2021; Abdibayev et al., 2021b,a; de la Rosa et al., 2023).

Most germane to our study, recent NLP work has specifically addressed LLMs' capacity to understand poetry. Mahbub et al. (2023) develop a task and dataset, "PoemSum," to evaluate how well LLMs can summarize poetry. "PoemSum" contains 3,011 poem summary/poem text pairs, which were respectively collected from the website PoemAnalysis.com and various websites. They conclude that SOTA summarization models are currently "not well-suited" for this task. We build on this work by focusing on a more specific sub-task

(poetic form detection), by curating a dataset of poems tagged by form (thus attending to internal differences), and by selecting poems from well-respected poetry institutions.

# 7.2 Literary Genre/Form Classification

Automatically classifying literary texts by genre has been an active area of research in both NLP and the digital humanities. Many studies have focused on classifying fictional prose writing genres in novels (Underwood, 2016; Wilkens, 2016), while other work has focused on distinguishing between kinds of poetry, such as Greek epic vs. drama (Gianitsos et al., 2019) and various styles of spoken free verse (Baumann et al., 2018).

In the digital humanities, genre classification has often been used to highlight ambiguity. Long and So (2016) find that features of English-language haiku are statistically distinct, yet they emphasize the importance of misclassifications for examining how "broadly distributed haiku's influence was." Rhody (2012) similarly suggests that computational analysis of poetry "works, in part, because of its failures." These scholars largely use classification to explore the fuzziness, as opposed to the rigidity, of genres and poetic forms. This is an angle that we do not fully explore in our work and view as important for future research.

## 8 Conclusion

Our work audits current poetic capacities and training data in leading LLMs. We contribute the poetry evaluation task and release to the research community a dataset of 1.4k+ annotated public domain poems with accompanying metadata about their prevalence in popular training datasets. We also join Orr and Kang (2024) and others in cautioning the benchmark/task as the be-all-end-all framework for NLP research. Poetry is a good example of a human output that purposely troubles neat categorization. We encourage more work that builds nuance and ambiguity into humanistic benchmarks such as this one, as well as work that places value beyond this orientation. Further research is also needed to study LLM poetic capacities in languages beyond English and to evaluate impacts on human creators (we expand on these issues in Limitations and Ethical Considerations).

## 9 Limitations

In this study, we focus mostly on English-language poetry that was written and published in Europe and North America. Further, we only consider poems that were tagged by the Poetry Foundation, the Academy of American Poets, or editors of particular poetry collections (see A.6), leaving out many other possible forms as well as poems that do not adhere neatly to forms.

Poetry Foundation and the Academy of American Poets do not have a comprehensive or representative (in terms of gender, race, culture, geography) collections of poems, nor do the print anthologies we digitized. Additionally, most of the poems in these collections are *not* tagged by form, and it is not always clear why some poems have tags and others do not. For example, on the Poetry Foundation website, Etheridge Knight and Sonia Sanchez, two late 20th-century poets associated with the Black Arts Movement, both wrote haiku series that include the word "haiku" in their titles, but they are not tagged as haiku on Poetry Foundation.

While we select these resources because they are well-respected poetry institutions, we do not know how exactly these tags were applied to the poems, or who put them there. From our manual examination of the poems/tags and classification results, we found some examples where tags from either of these institutions were incorrectly applied. We do not believe this problem is extensive, but we have not manually checked every tagged poem.

On these websites, and thus within our dataset, there is also an uneven distribution of poems in each form, reflecting biases related to race, class, language, and culture. For example, the *ghazal* is a poetic form that originated in Arabic and is popular in the Middle East and South Asia; however, ghazals are less popular, and less likely to be curated, in English-language contexts. Limericks are another popular and pervasive genre of poetry, yet they are considered a low-brow genre or "light verse" form, and thus there are few of them in this particular dataset.

There are also limitations to conceiving of poetic form as a single-label classification task, as a set of independent categories that a poem can belong to or not. Poetry is often valued for ambiguity, experimentation, and interpretive potential, so fitting neatly into a category is not necessarily what one looks for in poetic analysis. Poets also often mix and merge forms. For example, Gwendolyn

Brooks developed the "Sonnet-Ballad," and Roger Sedarat has created the "Sonnet Ghazal" (Sedarat, 2011). Our approach does not account for these kinds of hybrid forms. Further, form only exists in relation to content. As foundational English literary scholars Brooks and Warren (1960) wrote, "the reader, unlike a robot, must be able to recognize the dramatic implications of the form." These implications only come through when form is considered as part of a broader composition with numerous intertwined elements.

#### 10 Ethical Considerations

Many of the poems that we asked the models to identify are currently under copyright. The poems from Poetry Foundation and Academy of American Poets are freely available online, but this is due to the fact that these institutions pay for copyright and compensate poets for their work, which is crucial for reproduction of recent texts. In the dataset we share, we only include poems that are in the public domain and whose authors died before 1929. In the U.S., copyright extends for 95 years after the date of first publication, so works published before 1929 are in the public domain.

In using LLMs to evaluate poetry, there is a risk of reinforcing dominant understandings of poetic form and prosody. As has been well documented, LLMs can reproduce existing biases related to gender, race, class, and cultural background (Bender et al., 2021), and there is significant existing bias in discourse surrounding poetic form. Strand and Boland (2000) emphasize that "Women were often underrepresented in poetry in the sixteenth, seventeenth, and eighteenth centuries" and were "absent—whether in retrospect or reality... from the festival of form that poetry became in those centuries." And Shockley (2011) notes that the "discourse around innovative and avant-garde poetry in the U.S.," which has often emphasized discussions of form, "has historically constructed these categories as implicitly 'white," pointing out that "African American poets, even when they were involved in, perhaps central to, now-canonical avantgarde movements have been marginalized or erased from literary histories."

These literary histories inform which works are included in anthologies and incorporated into digital collections, and they also influence training data. D'Souza and Mimno (2023) have shown that inclusion in the 1983 edition of the *Norton Anthology* 

of Poetry was the best predictor of poem memorization in ChatGPT. This anthology represents a traditional view of the English poetic canon, favoring historical works published in the U.K. and the U.S., and excluding important works by women authors, Black and Indigenous authors and authors of color, and authors working outside Europe and North America. If the performance of LLMs improves in relation to poetic form evaluation, whose versions of form will be reproduced?

Given the complex cultural, historical, and textual conditions from which poetic forms emerge, as well as the centuries-long discourse surrounding how to label, categorize, and analyze form, this work requires domain expertise, and domain experts should be included in discussions about benchmarks for complex creative and interpretive tasks. At the same time, domain experts may have hesitations about this kind of collaboration, given the widespread use of copyrighted material in training data, and the risks LLMs pose to authors, whose work is fundamental to literary studies.

#### References

Almas Abdibayev, Yohei Igarashi, Allen Riddell, and Daniel Rockmore. 2021a. Automating the Detection of Poetic Features: The Limerick as Model Organism. In *Proceedings of the 5th Joint SIGHUM Workshop on Computational Linguistics for Cultural Heritage, Social Sciences, Humanities and Literature*, pages 80–90, Punta Cana, Dominican Republic (online). Association for Computational Linguistics.

Almas Abdibayev, Allen Riddell, Department of English Indiana University Bloomington, USA, and Daniel Rockmore. 2021b. BPoMP: The Benchmark of Poetic Minimal Pairs – Limericks, Rhyme, and Narrative Coherence. In Proceedings of the Conference Recent Advances in Natural Language Processing - Deep Learning for Natural Language Processing Methods and Applications, pages 1–9. INCOMA Ltd. Shoumen, BULGARIA.

Mistral AI. 2024. Mixtral 8x22B. Section: news.

Anthropic. 2024. The Claude 3 Model Family: Opus, Sonnet, Haiku.

Timo Baumann, Hussein Hussein, and Burkhard Meyer-Sickendiek. 2018. Style detection for free verse poetry from text and speech. In *Proceedings of the 27th International Conference on Computational Linguistics*, pages 1929–1940. Association for Computational Linguistics.

Emily M. Bender, Timnit Gebru, Angelina McMillan-Major, and Shmargaret Shmitchell. 2021. On the

Dangers of Stochastic Parrots: Can Language Models Be Too Big? . In *Proceedings of the 2021 ACM Conference on Fairness, Accountability, and Transparency*, FAccT '21, pages 610–623, New York, NY, USA. Association for Computing Machinery.

Bing. What will you do with bing I jersey poem.

Cleanth Brooks and Robert Penn Warren. 1960. *Understanding Poetry. Third edition*. New York: Holt, Rinehart and Winston.

Kent Chang, Mackenzie Cramer, Sandeep Soni, and David Bamman. 2023. Speak, memory: An archaeology of books known to ChatGPT/GPT-4. In *Proceedings of the 2023 Conference on Empirical Methods in Natural Language Processing*, pages 7312–7327, Singapore. Association for Computational Linguistics.

Javier de la Rosa, Álvaro Pérez Pozo, Salvador Ros, and Elena González-Blanco. 2023. ALBERTI, a Multilingual Domain Specific Language Model for Poetry Analysis. *arXiv preprint*. ArXiv:2307.01387 [cs].

Lyra D'Souza and David Mimno. 2023. The chatbot and the canon: Poetry memorization in LLMs. In *Computational Humanities Research*.

Yanai Elazar, Akshita Bhagia, Ian Helgi Magnusson, Abhilasha Ravichander, Dustin Schwenk, Alane Suhr, Evan Pete Walsh, Dirk Groeneveld, Luca Soldaini, Sameer Singh, Hanna Hajishirzi, Noah A. Smith, and Jesse Dodge. 2023. What's in my big data? In *The Twelfth International Conference on Learning Representations*.

Poetry Foundation. 2024. About Us.

Dmitriy Genzel, Jakob Uszkoreit, and Franz Och. 2010. "Poetic" Statistical Machine Translation: Rhyme and Meter. In *Proceedings of the 2010 Conference on Empirical Methods in Natural Language Processing*, pages 158–166, Cambridge, MA. Association for Computational Linguistics.

Efthimios Gianitsos, Thomas Bolt, Pramit Chaudhuri, and Joseph P. Dexter. 2019. Stylometric classification of ancient greek literary texts by genre. In *Proceedings of the 3rd Joint SIGHUM Workshop on Computational Linguistics for Cultural Heritage, Social Sciences, Humanities and Literature*, pages 52–60. Association for Computational Linguistics.

Hugo Gonçalo Oliveira. 2017. A Survey on Intelligent Poetry Generation: Languages, Features, Techniques, Reutilisation and Evaluation. In *Proceedings of the 10th International Conference on Natural Language Generation*, pages 11–20, Santiago de Compostela, Spain. Association for Computational Linguistics.

Roland Greene and Stephen Cushman. 2016. *The Princeton Handbook of Poetic Terms: Third Edition*, revised, 3 edition. Princeton University Press, Princeton.

Thomas Haider. 2021. Metrical Tagging in the Wild: Building and Annotating Poetry Corpora with Rhythmic Features. *Proceedings of the 16th Conference of the European Chapter of the Association for Computational Linguistics: Main Volume*, pages 3715–3725. Conference Name: Proceedings of the 16th Conference of the European Chapter of the Association for Computational Linguistics: Main Volume Place: Online Publisher: Association for Computational Linguistics.

Zhiyuan Hu, Chumin Liu, Yue Feng, Anh Tuan Luu, and Bryan Hooi. 2023. PoetryDiffusion: Towards Joint Semantic and Metrical Manipulation in Poetry Generation. *arXiv* preprint. ArXiv:2306.08456 [cs].

811

813

816

819

820

821

822

825

826

827

831

832

833

834

835

837

838

842

844

849

851

854

Angela Leighton. 2008. On Form: Poetry, Aestheticism, and the Legacy of a Word. Oxford University Press, Oxford.

D. Lewis, A. Zugarini, and E. Alonso. 2021. Syllable Neural Language Models for English Poem Generation. In 12th International Conference on Computational Creativity (ICCC'21), pages 350–356, London, UK. Association for Computational Creativity.

Hoyt Long and Richard Jean So. 2016. Literary pattern recognition: Modernism between close reading and machine learning. 42(2):235–267.

Ridwan Mahbub, Ifrad Khan, Samiha Anuva, Md Shihab Shahriar, Md Tahmid Rahman Laskar, and Sabbir Ahmed. 2023. Unveiling the essence of poetry: Introducing a comprehensive dataset and benchmark for poem summarization. In *Proceedings of the 2023 Conference on Empirical Methods in Natural Language Processing*, pages 14878–14886, Singapore. Association for Computational Linguistics.

Hisar Manurung, Graeme Ritchie, and Henry Thompson. 2000. Towards A Computational Model Of Poetry Generation. Technical Report, The University of Edinburgh. Accepted: 2010-06-23T14:31:22Z.

Meredith Martin. 2012. *The Rise and Fall of Meter: Poetry and English National Culture, 1860–1930.* Princeton University Press, Princeton.

William J. Maxwell. 2004. Introduction: Claude Mckay—Lyric Poetry in the Age of Cataclysm. In Complete Poems. University of Illinois Press.

Meta. 2024. Llama3 Model Card.

Microsoft. 2023. How to Write Poetry Using Copilot | Microsoft Bing.

Frédérique Mélanie-Becquet, Clément Plancq, Claude Grunspan, Mylène Maignant, Matthieu Raffard, Mathilde Roussel, Fiammetta Ghedini, and Thierry Poibeau. Exploring combinatorial methods to produce sonnets: An overview of the oupoco project. 18(1).

OpenAI. 2024. Hello GPT-4o.

OpenAI, Josh Achiam, Steven Adler, Sandhini Agarwal, Lama Ahmad, Ilge Akkaya, Florencia Leoni Aleman, Diogo Almeida, Janko Altenschmidt, Sam Altman, Shyamal Anadkat, Red Avila, Igor Babuschkin, Suchir Balaji, Valerie Balcom, Paul Baltescu, Haiming Bao, Mohammad Bavarian, Jeff Belgum, Irwan Bello, Jake Berdine, Gabriel Bernadett-Shapiro, Christopher Berner, Lenny Bogdonoff, Oleg Boiko, Madelaine Boyd, Anna-Luisa Brakman, Greg Brockman, Tim Brooks, Miles Brundage, Kevin Button, Trevor Cai, Rosie Campbell, Andrew Cann, Brittany Carey, Chelsea Carlson, Rory Carmichael, Brooke Chan, Che Chang, Fotis Chantzis, Derek Chen, Sully Chen, Ruby Chen, Jason Chen, Mark Chen, Ben Chess, Chester Cho, Casey Chu, Hyung Won Chung, Dave Cummings, Jeremiah Currier, Yunxing Dai, Cory Decareaux, Thomas Degry, Noah Deutsch, Damien Deville, Arka Dhar, David Dohan, Steve Dowling, Sheila Dunning, Adrien Ecoffet, Atty Eleti, Tyna Eloundou, David Farhi, Liam Fedus, Niko Felix, Simón Posada Fishman, Juston Forte, Isabella Fulford, Leo Gao, Elie Georges, Christian Gibson, Vik Goel, Tarun Gogineni, Gabriel Goh, Rapha Gontijo-Lopes, Jonathan Gordon, Morgan Grafstein, Scott Gray, Ryan Greene, Joshua Gross, Shixiang Shane Gu, Yufei Guo, Chris Hallacy, Jesse Han, Jeff Harris, Yuchen He, Mike Heaton, Johannes Heidecke, Chris Hesse, Alan Hickey, Wade Hickey, Peter Hoeschele, Brandon Houghton, Kenny Hsu, Shengli Hu, Xin Hu, Joost Huizinga, Shantanu Jain, Shawn Jain, Joanne Jang, Angela Jiang, Roger Jiang, Haozhun Jin, Denny Jin, Shino Jomoto, Billie Jonn, Heewoo Jun, Tomer Kaftan, Łukasz Kaiser, Ali Kamali, Ingmar Kanitscheider, Nitish Shirish Keskar, Tabarak Khan, Logan Kilpatrick, Jong Wook Kim, Christina Kim, Yongjik Kim, Jan Hendrik Kirchner, Jamie Kiros, Matt Knight, Daniel Kokotajlo, Łukasz Kondraciuk, Andrew Kondrich, Aris Konstantinidis, Kyle Kosic, Gretchen Krueger, Vishal Kuo, Michael Lampe, Ikai Lan, Teddy Lee, Jan Leike, Jade Leung, Daniel Levy, Chak Ming Li, Rachel Lim, Molly Lin, Stephanie Lin, Mateusz Litwin, Theresa Lopez, Ryan Lowe, Patricia Lue, Anna Makanju, Kim Malfacini, Sam Manning, Todor Markov, Yaniv Markovski, Bianca Martin, Katie Mayer, Andrew Mayne, Bob McGrew, Scott Mayer McKinney, Christine McLeavey, Paul McMillan, Jake McNeil, David Medina, Aalok Mehta, Jacob Menick, Luke Metz, Andrey Mishchenko, Pamela Mishkin, Vinnie Monaco, Evan Morikawa, Daniel Mossing, Tong Mu, Mira Murati, Oleg Murk, David Mély, Ashvin Nair, Reiichiro Nakano, Rajeev Nayak, Arvind Neelakantan, Richard Ngo, Hyeonwoo Noh, Long Ouyang, Cullen O'Keefe, Jakub Pachocki, Alex Paino, Joe Palermo, Ashley Pantuliano, Giambattista Parascandolo, Joel Parish, Emy Parparita, Alex Passos, Mikhail Pavlov, Andrew Peng, Adam Perelman, Filipe de Avila Belbute Peres, Michael Petrov, Henrique Ponde de Oliveira Pinto, Michael, Pokorny, Michelle Pokrass, Vitchyr H. Pong, Tolly Powell, Alethea Power, Boris Power, Elizabeth Proehl, Raul Puri, Alec Radford, Jack Rae, Aditya Ramesh, Cameron Raymond, Francis Real, Kendra Rimbach, Carl Ross, Bob Rotsted, Henri Roussez, Nick Ry855

856

857

858

859

860

861

863

864

865

866

867

868

869

870

871

872

873

874

875

876

877

878

880

882

883

885

886

887

888

889

890

891

892

893

894

895

896

897

900

901

902

903

904

905

906

907

908

909

910

911

912

913

914

915

916

917

der, Mario Saltarelli, Ted Sanders, Shibani Santurkar, Girish Sastry, Heather Schmidt, David Schnurr, John Schulman, Daniel Selsam, Kyla Sheppard, Toki Sherbakov, Jessica Shieh, Sarah Shoker, Pranav Shyam, Szymon Sidor, Eric Sigler, Maddie Simens, Jordan Sitkin, Katarina Slama, Ian Sohl, Benjamin Sokolowsky, Yang Song, Natalie Staudacher, Felipe Petroski Such, Natalie Summers, Ilya Sutskever, Jie Tang, Nikolas Tezak, Madeleine B. Thompson, Phil Tillet, Amin Tootoonchian, Elizabeth Tseng, Preston Tuggle, Nick Turley, Jerry Tworek, Juan Felipe Cerón Uribe, Andrea Vallone, Arun Vijayvergiya, Chelsea Voss, Carroll Wainwright, Justin Jay Wang, Alvin Wang, Ben Wang, Jonathan Ward, Jason Wei, C. J. Weinmann, Akila Welihinda, Peter Welinder, Jiayi Weng, Lilian Weng, Matt Wiethoff, Dave Willner, Clemens Winter, Samuel Wolrich, Hannah Wong, Lauren Workman, Sherwin Wu, Jeff Wu, Michael Wu, Kai Xiao, Tao Xu, Sarah Yoo, Kevin Yu, Qiming Yuan, Wojciech Zaremba, Rowan Zellers, Chong Zhang, Marvin Zhang, Shengjia Zhao, Tianhao Zheng, Juntang Zhuang, William Zhuk, and Barret Zoph. GPT-4 technical report. Preprint, arxiv:2303.08774 [cs].

- Aitor Ormazabal, Mikel Artetxe, Manex Agirrezabal, Aitor Soroa, and Eneko Agirre. PoeLM: A meterand rhyme-controllable language model for unsupervised poetry generation. *Preprint*, arxiv:2205.12206 [cs].
- Will Orr and Edward B. Kang. 2024. AI as a Sport: On the Competitive Epistemologies of Benchmarking. In *Proceedings of the 2024 ACM Conference on Fairness, Accountability, and Transparency*, FAccT '24, pages 1875–1884, New York, NY, USA. Association for Computing Machinery.
- Stanley R. Petrick. 1977. Understanding Understanding Poetry. *Computers and the Humanities*, 11(4):217–221. Publisher: Springer.
- Academy of American Poets. 2024. About Us.
- David Pogue. 2023. AI experts on whether you should be "terrified" of ChatGPT. *CBS News*.
- Alex Preminger, Frank J. Warnke, and O. B. Hardison, Jr. 2015. *Princeton Encyclopedia of Poetry and Poetics*. Princeton University Press, Princeton.
- Jahan Ramazani. 2009. *A Transnational Poetics*. University of Chicago Press, Chicago. OCLC: 435911878.
- Lisa M. Rhody. 2012. Topic Modeling and Figurative Language Journal of Digital Humanities. *Journal of Digital Humanities*, 2(1).
- Kevin Roose, Casey Newton, Rachel Cohn, Whitney Jones, Jen Poyant, Brad Fisher, Dan Powell, Marion Lozano, Sophia Lanman, Rowan Niemisto, and Diane Wong. 2024. Google Eats Rocks, a Win for A.I. Interpretability and Safety Vibe Check. *Hard Fork*—*The New York Times*.

Hiroaki Sato. 2018. *On Haiku*. New Directions Publishing.

- Roger Sedarat. 2011. *Ghazal Games: Poems*. Ohio University Press, Athens.
- Peter Seitel. 2003. Theorizing Genres–Interpreting Works. *New Literary History*, 34(2):275–297.
- Evie Shockley. 2011. Renegade Poetics: Black Aesthetics and Formal Innovation in African American Poetry. University of Iowa Press.
- Luca Soldaini, Rodney Kinney, Akshita Bhagia, Dustin Schwenk, David Atkinson, Russell Authur, Ben Bogin, Khyathi Chandu, Jennifer Dumas, Yanai Elazar, et al. 2024. Dolma: An open corpus of three trillion tokens for language model pretraining research. arXiv preprint arXiv:2402.00159.
- Mark Strand and Eavan Boland. 2000. *The making of a poem: a Norton anthology of poetic forms*. Norton, New York.
- Thomas H. Ptacek [@tqbf]. I'm sorry, i simply cannot be cynical about a technology that can accomplish this. https://t.co/yjlY72ez0m.
- Ted Underwood. 2016. The Life Cycles of Genres. *Journal of Cultural Analytics*, 2(2).
- Tim Van de Cruys. 2020. Automatic Poetry Generation from Prosaic Text. In *Proceedings of the 58th Annual Meeting of the Association for Computational Linguistics*, pages 2471–2480, Online. Association for Computational Linguistics.
- Matthew Wilkens. 2016. Genre, Computation, and the Varieties of Twentieth-Century U.S. Fiction. *Journal of Cultural Analytics*, 2(2).
- Setsuko Yokoyama. Digital Technologies for Exploring Prosody: A Brief Historical Overview.
- Chengyue Yu, Lei Zang, Jiaotuan Wang, Chenyi Zhuang, and Jinjie Gu. 2024. CharPoet: A Chinese Classical Poetry Generation System Based on Tokenfree LLM. *arXiv preprint*. ArXiv:2401.03512 [cs].
- Max Zahn. 2022. What is ChatGPT, the artificial intelligence text bot that went viral? *ABC News*.
- Xingxing Zhang and Mirella Lapata. 2014. Chinese poetry generation with recurrent neural networks. In *Proceedings of the 2014 Conference on Empirical Methods in Natural Language Processing (EMNLP)*, pages 670–680, Doha, Qatar. Association for Computational Linguistics.

# A Appendix 1020

1021

1022

# A.1 Poetic Features by Form

Fixed Forms	Rhyme	Repetition	Meter	Fixed Topic	Fixed Length	Visual Form
Ballad			<b>√</b>			
Ghazal		✓				
Haiku				<b>√</b>	✓	
Limerick	<b>√</b>				✓	
Pantoum		✓				
Sestina		✓			✓	
Sonnet	<b>√</b>		<b>√</b>		✓	
Villanelle	<b>√</b>	✓			✓	
<b>Formal Elements</b>	Rhyme	Repetition	Meter	Fixed Topic	Fixed Length	Visual Form
Blank Verse			<b>√</b>			
Common Measure	<b>√</b>		<b>√</b>		✓	
Couplet					✓	
Free Verse			<b>√</b>			
Quatrain					✓	
Tercet					✓	
<b>Unfixed Forms</b>	Rhyme	Repetition	Meter	Fixed Topic	Fixed Length	Visual Form
Ars Poetica				✓		
Aubade				✓		
Concrete Poetry						<b>√</b>
Dramatic				✓		
Monologue						
Ekphrasis				✓		
Elegy				✓		
Ode				✓		
Pastoral				✓		
Prose Poem						<b>√</b>

Table 5: Distribution of Poetic Features by Form

# **A.2** Additional Poetic Form Detection Results

		Ars Poetica			Aubade		Concre	ete Or Pattern	Poetry	Dra	matic Monole	gue		Ekphrasis	
model	f1	precision	recall	f1	precision	recall	f1	precision	recall	f1	precision	recall	f1	precision	recall
GPT-3.5	0.39	0.30	0.55	0.27	0.24	0.31	0.07	0.33	0.04	0.48	0.50	0.45	0.61	0.59	0.63
GPT-4	0.64	0.66	0.63	0.44	0.55	0.38	0.29	0.50	0.21	0.68	0.56	0.87	0.71	0.88	0.59
GPT-40	0.59	0.54	0.66	0.48	0.47	0.50	0.47	0.48	0.46	0.69	0.60	0.81	0.69	0.64	0.74
Claude	0.44	0.53	0.37	0.47	0.41	0.56	0.21	0.22	0.21	0.45	0.30	0.91	0.75	0.80	0.70
Mixtral	0.43	0.69	0.31	0.51	0.41	0.69	0.15	0.14	0.17	0.47	0.34	0.77	0.65	0.79	0.55
Llama3	0.41	0.29	0.69	0.34	0.38	0.31	0.20	0.25	0.17	0.50	0.40	0.66	0.66	0.83	0.54
	Elegy Ode				Pastoral Prose Po			Prose Poem	oem						
model	f1	precision	recall	f1	precision	recall	f1	precision	recall	f1	precision	recall			
GPT-3.5	0.58	0.44	0.87	0.23	0.53	0.14	0.57	0.59	0.55	0.52	0.75	0.40			
GPT-4	0.67	0.82	0.64	0.44	0.57	0.36	0.57	0.49	0.68	0.86	0.84	0.89			
GPT-40	0.76	0.77	0.75	0.43	0.75	0.30	0.68	0.75	0.61	0.80	0.82	0.78			
Claude	0.65	0.81	0.55	0.45	0.44	0.46	0.49	0.58	0.43	0.56	0.89	0.41			
Mixtral	0.68	0.62	0.75	0.46	0.50	0.43	0.58	0.52	0.65	0.53	0.89	0.41			
Llama3	0.67	0.59	0.76	0.40	0.32	0.55	0.44	0.46	0.43	0.35	0.92	0.22			

Table 6: LLM performance by model for the **unfixed forms**, where the prompt includes only the poem text.

		Couplet			Quatrain			Tercet			
model	f1	precision	recall	f1	precision	recall	f1	precision	recall		
GPT-3.5	0.16	0.97	0.09	0.23	0.14	0.70	0.61	0.62	0.60		
GPT-4	0.49	0.90	0.34	0.37	0.23	0.96	0.72	0.92	0.60		
GPT-40	0.72	0.96	0.58	0.48	0.33	0.90	0.81	0.84	0.78		
Claude	0.30	1.00	0.18	0.31	0.19	0.83	0.81	0.73	0.90		
Mixtral	0.51	0.99	0.35	0.27	0.18	0.56	0.69	0.55	0.90		
Llama3	0.33	0.98	0.20	0.29	0.17	0.88	0.34	0.55	0.24		
		Blank Verse		Co	Common Measure			Free Verse			
model	f1	precision	recall	f1	precision	recall	f1	precision	recall		
GPT-3.5	0.53	0.72	0.42	0.79	0.86	0.74	0.84	0.75	0.95		
GPT-4	0.57	0.84	0.43	0.91	0.99	0.85	0.85	0.75	0.98		
GPT-40	0.73	0.92	0.61	0.96	0.95	0.97	0.89	0.83	0.96		
Claude	0.68	0.70	0.67	0.65	1.00	0.48	0.88	0.81	0.95		
Mixtral	0.46	0.54	0.41	0.36	1.00	0.22	0.83	0.72	0.97		
Llama3	0.53	0.78	0.41	0.80	0.70	0.94	0.82	0.78	0.87		

Table 7: LLM performance by model for the **formal elements**, where the prompt includes only the poem text.

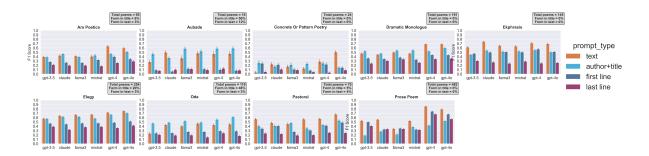


Figure 5: **Unfixed Forms** — **Poetry Foundation and Academy of American Poets.** These figures show LLM performance (F1 scores) by prompt type on the task of detecting poetic form (in the same way as the human annotation/institution it was collected from) by prompt type: with only the text of the poem; only the author and title; only the first line; only the last line. Error bars indicate standard deviation across 20 bootstrapped samples of poems.

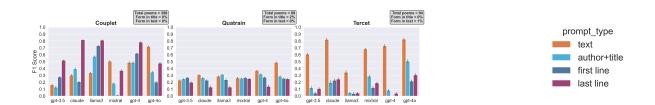


Figure 6: **Formal Elements** — **Poetry Foundation and Academy of American Poets.** These figures show LLM performance (F1 scores) by prompt type on the task of detecting a poem's form (in the same way as the human annotation/institution it was collected from) by prompt type: with only the text of the poem; only the author and title; only the first line; only the last line. Error bars indicate standard deviation across 20 bootstrapped samples of poems.

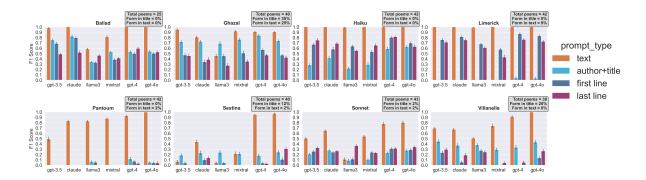


Figure 7: **Fixed Forms** — **Manually Digitized Poetry Books.** These figures show LLM performance (F1 scores) on the task of detecting a poem's form (in the same way as the human annotation/institution it was collected from) by prompt type: with only the text of the poem; only the author and title; only the first line; only the last line. Error bars indicate standard deviation across 20 bootstrapped samples of poems. The poems tested in this experiment were included in print books with little to no digital presence and manually digitized/transcribed by our team.

		Sonnet			Limerick Haiku					Ballad		
model	f1	precision	recall	f1	precision	recall	f1	precision	recall	f1	precision	recall
GPT-3.5	0.91	0.92	0.91	1.00	1.00	1.00	0.89	0.90	0.88	0.78	0.82	0.75
GPT-4	0.94	0.98	0.90	0.89	0.80	1.00	1.00	1.00	1.00	0.87	0.85	0.89
GPT-40	0.94	0.99	0.89	1.00	1.00	1.00	0.90	0.96	0.84	0.90	0.93	0.88
Claude	0.94	0.94	0.95	0.80	0.67	1.00	0.93	1.00	0.88	0.79	0.98	0.67
Mixtral	0.92	0.95	0.88	0.89	0.80	1.00	0.84	0.96	0.75	0.76	0.73	0.79
Llama3	0.74	1.00	0.58	0.67	0.50	1.00	0.84	0.96	0.75	0.49	0.35	0.82
	Sestina		Villanelle				Pantoum			Ghazal		
model	f1	precision	recall	f1	precision	recall	f1	precision	recall	f1	precision	recall
GPT-3.5	0.08	1.00	0.04	0.65	0.49	0.94	0.33	0.75	0.21	0.47	0.40	0.57
GPT-4	0.84	0.84	0.84	0.91	0.97	0.85	0.80	0.67	1.00	0.68	0.53	0.95
GPT-4o	0.77	0.69	0.88	0.93	0.89	0.97	0.82	0.70	1.00	0.50	0.35	0.90
Claude	0.38	0.30	0.52	0.56	0.54	0.59	0.59	0.62	0.57	0.49	0.50	0.48
Mixtral	0.21	1.00	0.12	0.79	0.96	0.68	0.67	0.55	0.86	0.64	0.58	0.71
Llama3	0.14	0.67	0.08	0.31	0.19	0.88	0.59	0.44	0.86	0.25	0.36	0.19

Table 8: **For poems not found in Dolma.** LLM performance by model for the **formal elements**, where the prompt includes only the poem text.

# A.4 Formative Study Results

1024

1025

1027

1028

1029

1030

1031

1032

1034

1035

1038

1039

1041

1042 1043

1044

1045 1046

1048

1050

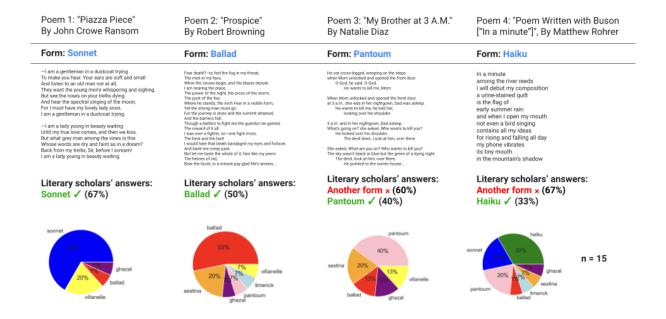


Figure 8: Results from formative study with human experts.

# A.5 Example Prompt and LLM Response

# **Example Prompt:**

Read the following poem and then respond with the form of the poem based on the following verse forms: ['sonnet', 'ballad', 'villanelle', 'haiku', 'ghazal', 'sestina', 'pantoum', 'limerick']. All of the poems have been tagged by experts as one of these forms. You must pick one of these options.

Please also provide an elaborated rationale for why you think the poem is in this form, a one-word summary rationale, and a score ranking your confidence in your answer from 0 to 1. Please report the single poetic form, elaborated rationale, one-word rationale, and multiple forms in the following format.

- 1. Poetic Form: Ballad
- 2. Elaborated Rationale: This poem is a ballad because...
- 3. One-Word Summary: Meter
- 4. Confidence Score: 0.91
- 1. Poetic Form: Sonnet
- 2. Elaborated Rationale: This poem is a sonnet because...
- 3. One-Word Summary: Meter
- 4. Confidence Score: 0.73

Poem Text (in full): There was an old man of Thermopylæ,

Who never did anything properly;

But they said, "If you choose, To boil eggs in your shoes,

You shall never remain in Thermopylæ."

Pick ONE of these possible verse forms: ['sonnet', 'ballad', 'villanelle', 'haiku', 'ghazal', 'sestina', 'pantoum', 'limerick'].

Example Response (GPT-4):	1051
1. Poetic Form: Limerick	1052
2. Elaborated Rationale: This poem is a limerick because it strictly follows the standard	1053
limerick rhyme scheme of AABBA. The poem begins with a character and a location (an old	1054
man of Thermopylæ), and it proceeds in a humorous, light-hearted manner typical of limericks.	1055
The first two lines are longer, the next two lines are shorter, and the final line is longer again,	1056
also within the parameters of a limerick.	1057
3. One-Word Summary: Rhyme	1058
4. Confidence Score: 0.98	1059
	1060
A.6 Manually Digitized Print Poetry Sources	1061
John Barrell and John Bull. 1975. A Book of English pastoral verse. Oxford University Press, New York.	1062
Wilmon Brewer. 1937. Sonnets and Sestinas. Cornhill Publishing Co., Boston.	1063
Fred Cogswell. 1986. Meditations: 50 Sestinas. Ragweed Press.	1064
Clark Coolidge. 2012. 88 Sonnets. Fence Books, Albany, NY.	1065
Dennis Daly. 2018. Pantoums. Dos Madres Press, Loveland, Ohio.	1066
Annie Finch, Marie-Elizabeth Mali, Annie Finch, and Julie Kane. 2012. Villanelles. Alfred A. Knopf,	1067
New York.	1068
Sandra M. Gilbert. 2001. Inventions of farewell: a book of elegies. W.W. Norton Co., New York.	1069
Robert Graves. 1957. English and Scottish ballads. Heinemann, London.	1070
Scott Gutterman, editor. 2015. Sunlight on the river: poems about paintings, paintings about poems.	1071
Prestel, Munich.	1072
Jim Kacian, Philip Rowland, and Allan Burns. 2013. Haiku in English: the first hundred years. W.W.	1073
Norton Company, New York.	1074
G. Legman. 1969. The Limerick: 1700 examples, with notes, variants, and index. Bell Publishing Co.,	1075
New York.	1076
G. Legman. 1977. The New Limerick: 2750 Unpublished Examples, American and British. Crown	1077
Publishers.	1078
Bob Raczka. 2016. Wet cement: a mix of concrete poems. Roaring Brook Press, New York.	1079
Cor Van den Heuvel. 1986. The haiku anthology: haiku and senryu in English. Simon Schuster, New	1080
York.	1081
Joseph Warton. 1977. Odes on various subjects (1746). Scholars' Facsimiles Reprints, Delmar, N.Y.	1082
Eugene Wildman. 1967. The Chicago review anthology of concretism. Swallow Press, Chicago.	1083
Emmett Williams and Something Else Press. 1967. An anthology of concrete poetry. Something Else	1084
Press, New York.	1085
Seishi Yamaguchi and Sono Uchida. 1993. The essence of modern haiku: 300 poems. Mangajin, Inc.,	1086
Atlanta, Georgia.	1087
Kevin Young. 2010. The art of losing: poems of grief and healing. Bloomsbury USA, New York.	1088
Thomas Perrin Harrison. 1968. The pastoral elegy: an anthology. Octagon Books.	1089

# A.7 Memorization Prompt

What are the next five lines of the poem "<POEM\_TITLE>" by <AUTHOR\_NAME>? First Line: <FIRST\_LINE>
Next Lines:

#### A.8 Poetic Forms

Poetic forms can be defined and categorized in various ways. The definitions of forms and formal elements that we offer here are synthesized from information in glossaries of poetic terms available on the Poetry Foundation and Academy of American Poets websites as well as from widely used poetry resources by Strand and Boland (2000), Greene and Cushman (2016), and Preminger et al. (2015).

#### A.8.1 Fixed Forms 1099 **Ballad:** a type of narrative poem with ties to music and oral performance. Traditional ballads often 1100 1101 feature regular meter and stanzas. One conventional pattern is "common measure," which consists of quatrains that rhyme ABCB and alternate iambic tetramater and trimeter. 1102 1103 Example Ballad: from "Barbara Allen" (by Anonymous) 1104 1105 1106 In Scarlet town, where I was born, There was a fair maid dwellin', 1107 Made every youth cry Well-a-way! 1108 Her name was Barbara Allen. 1109 1110 All in the merry month of May, 1111 When green buds they were swellin', Young Jemmy Grove on his death-bed lay, For love of Barbara Allen. 1114 1115 He sent his man in to her then. 1116 To the town where she was dwellin'; 1117 "O haste and come to my master dear, 1118 If your name be Barbara Allen... Ghazal: Originally an Arabic verse form, ghazals consists of a series of couplets usually all ending in the same word. Poets may include their name in the final couplet. 1122 1123 Example Ghazal: from "Where did the handsome beloved go?" (by Jalal Al-Din Rumi, translated by 1124 Brad Gooch and Maryam Mortaz) 1125 1126 Where did the handsome beloved go? 1127 I wonder, where did that tall, shapely cypress tree go? 1128 1129 He spread his light among us like a candle. 1130 Where did he go? So strange, where did he go without me? 1131 1132 All day long my heart trembles like a leaf. 1133 All alone at midnight, where did that beloved go? 1134 1135 Go to the road, and ask any passing traveler — 1136 That soul-stirring companion, where did he go? 1137 1138 Go to the garden, and ask the gardener — 1139 That tall, shapely rose stem, where did he go? 1140 Go to the rooftop, and ask the watchman — 1142 That unique sultan, where did he go? 1143 1144 Haiku: Originating in Japan, haiku are concise, non-narrative poems that often focus on imagery. In 1145 English, haiku often consist of three unrhymed lines with 5, 7, and 5 syllables respectively. 1146 1147 Example Haiku: "In Kyoto" (by Bashō, translated by Jane Hirshfield) 1148

In Kyoto,	1150
hearing the cuckoo,	1151
I long for Kyoto.	1152
	1153
Limerick: a light, often comedic verse form consisting of five lines rhymed AABBA. In traditional	1154
limericks, lines 1, 2, and 5 are trimeter, while lines 3 and 4 are dimeter, and the dominant meter is anapestic.	1155
	1156
Example Limerick: "A Young Lady of Lynn" (by Anonymous)	1157
	1158
There was a young lady of Lynn,	1159
Who was so uncommonly thin	1160
That when she essayed	1161
To drink lemonade	1162
She slipped through the straw and fell in.	1163
	1164
Pantoum: A Malaysian verse form that was adapted into French and later English, which consists of a	1165
series of quatrains in which the second and fourth lines of each quatrain serve as the first and third lines of	1166
the next quatrain. Pantoums do not have a determined length.	1167
$\mathcal{S}$	1168
Example Pantoum: from "Nocturne" (by Sadakichi Hartmann)	1169
	1170
Upon the silent sea-swept land	1171
The dreams of night fall soft and gray,	1172
The waves fade on the jeweled sand	1173
Like some lost hope of yesterday.	1174
	1175
The dreams of night fall soft and gray	1176
Upon the summer-colored seas,	1177
Like some lost hope of yesterday,	1178
The sea-mew's song is on the breeze.	1179
	1180
Upon the summer-colored seas	1181
Sails gleam and glimmer ghostly white,	1182
The sea-mew's song is on the breeze	1183
Lost in the monotone of night.	1184
	1185
Sails gleam and glimmer ghostly white,	1186
They come and slowly drift away,	1187
Lost in the monotone of night,	1188
Like visions of a summer-day.	1189
· · · · · · · · · · · · · · · · · · ·	1190
They shift and slowly drift away	1191
Like lovers' lays that wax and wane,	1192
The visions of a summer-day	1193
Whose dreams we ne'er will dream again.	1194
	1195

envoi. Each sestet includes the same six endwords in shifting, but specific patterns (below), and all six

Sestina: A complex verse form consisting of six, unrhymed, six-line stanzas followed by a three-line

1196

endwords also appear in the envoi. Endword pattern: 1198 1199 1: ABCDEF 1200 2: FAEBDC 1201 3: CFDABE 4: ECBFAD 1203 1204 5; DEACFB 6: BDFECA 1205 envoi: ECA or ACE 1207 Example Sestina: from "Sestina: Altaforte" (by Ezra Pound) 1208 1209 1210 Damn it all! all this our South stinks peace. 1211 You whoreson dog, Papiols, come! Let's to music! 1212 1213 I have no life save when the swords clash. But ah! when I see the standards gold, vair, purple, opposing 1214 And the broad fields beneath them turn crimson, Then howl I my heart nigh mad with rejoicing. 1216 1217 II 1218 In hot summer have I great rejoicing 1219 When the tempests kill the earth's foul peace, 1220 1221 And the lightnings from black heav'n flash crimson, And the fierce thunders roar me their music 1222 And the winds shriek through the clouds mad, opposing, 1223 And through all the riven skies God's swords clash. 1224 1225 III 1226 Hell grant soon we hear again the swords clash! 1227 And the shrill neighs of destriers in battle rejoicing, 1228 Spiked breast to spiked breast opposing! Better one hour's stour than a year's peace 1230 With fat boards, bawds, wine and frail music! 1231 Bah! there's no wine like the blood's crimson! 1232 1233 IV 1234 And I love to see the sun rise blood-crimson. 1235 And I watch his spears through the dark clash And it fills all my heart with rejoicing 1237 And pries wide my mouth with fast music 1238 When I see him so scorn and defy peace, 1239 His lone might 'gainst all darkness opposing. 1240 1241 V 1242 The man who fears war and squats opposing My words for stour, hath no blood of crimson 1244 But is fit only to rot in womanish peace 1245 Far from where worth's won and the swords clash 1246 For the death of such sluts I go rejoicing; 1247

Yea, I fill all the air with my music.	1248
	1249
VI	1250
Papiols, Papiols, to the music!	1251
There's no sound like to swords swords opposing,	1252
No cry like the battle's rejoicing	1253
When our elbows and swords drip the crimson	1254
And our charges 'gainst "The Leopard's" rush clash.	1255
May God damn for ever all who cry "Peace!"	1256
	1257
VII	1258
And let the music of the swords make them crimson!	1259
Hell grant soon we hear again the swords clash!	1260
Hell blot black for always the thought "Peace!"	1261
	1262
Sonnet: A fourteen-line verse form, usually in iambic pentameter, and usually following a set rhyme	1263
scheme. The most common types of sonnets are Shakespearean/English, which consist of three quatrains	1264
followed by a couplet and often rhyme ABABCDCDEFEFGG, and Petrarchan/Italian, which consists of	1265
an octave followed by a sestet and often rhyme ABBAABBACDCDCD or ABBAABBACDECDE.	1266
	1267
Example Petrarchan sonnet: "When I consider how my light is spent" (John Milton)	1268
	1269
When I consider how my light is spent,	1270
Ere half my days, in this dark world and wide,	1271
And that one Talent which is death to hide	1272
Lodged with me useless, though my Soul more bent	1273
To serve therewith my Maker, and present	1274
My true account, lest he returning chide;	1275
"Doth God exact day-labour, light denied?"	1276
I fondly ask. But patience, to prevent	1277
That murmur, soon replies, "God doth not need	1278
Either man's work or his own gifts; who best	1279
Bear his mild yoke, they serve him best. His state	1280
Is Kingly. Thousands at his bidding speed	1281
And post o'er Land and Ocean without rest:	1282
They also serve who only stand and wait."	1283
	1284
Example Shakespearean Sonnet: "America" (Claude McKay)	1285
	1286
Although she feeds me bread of bitterness,	1287
And sinks into my throat her tiger's tooth,	1288
Stealing my breath of life, I will confess	1289
I love this cultured hell that tests my youth.	1290
Her vigor flows like tides into my blood,	1291
Giving me strength erect against her hate,	1292
Her bigness sweeps my being like a flood.	1293
Yet, as a rebel fronts a king in state,	1294
I stand within her walls with not a shred	1295
Of terror, malice, not a word of jeer.	1296
Darkly I gaze into the days ahead,	1297
And see her might and granite wonders there,	1298
Beneath the touch of Time's unerring hand,	1299

Like priceless treasures sinking in the sand.

 **Villanelle:** A 19-line verse form originating in France, made up of five tercets followed by a quatrain, in which the first and third line of the first stanza are alternatingly repeated as a refrain in the following stanzas. Stanza 1 line 1 repeats as the third line of stanzas 2 and 4, and stanza 1 line 3 repeats as the third line of stanzas 3 and 5. These two lines also appear as the closing lines of the quatrain.

Example Villanelle: "Do not go gentle into that good night" (Dylan Thomas)

Do not go gentle into that good night, Old age should burn and rave at close of day; Rage, rage against the dying of the light.

Though wise men at their end know dark is right, Because their words had forked no lightning they Do not go gentle into that good night.

Good men, the last wave by, crying how bright Their frail deeds might have danced in a green bay, Rage, rage against the dying of the light.

Wild men who caught and sang the sun in flight, And learn, too late, they grieved it on its way, Do not go gentle into that good night.

Grave men, near death, who see with blinding sight Blind eyes could blaze like meteors and be gay, Rage, rage against the dying of the light.

And you, my father, there on the sad height, Curse, bless, me now with your fierce tears, I pray. Do not go gentle into that good night. Rage, rage against the dying of the light.

#### A.8.2 Stanza Forms

**Couplet**: a two-line stanza or two lines of verse, often but not always rhymed.

Example Couplets: "Interview" by Dorothy Parker

The ladies men admire, I've heard,
Would shudder at a wicked word.
Their candle gives a single light;
They'd rather stay at home at night.
They do not keep awake till three,
Nor read erotic poetry.
They never sanction the impure,
Nor recognize an overture.
They shrink from powders and from paints ...

So far, I've had no complaints.

<b>Tercet</b> : a three-line stanza or three lines of verse, often but not always containing a rhyme.	1350
	1351
Example Tercets: from "The Convergence of the Twain" (Thomas Hardy)	1352
(Lines on the loss of the "Titanic")	1353 1354
(Lines on the toss of the Tuanic )	1354
I	1356
In a solitude of the sea	1357
Deep from human vanity,	1358
And the Pride of Life that planned her, stilly couches she.	1359
	1360
II	1361
Steel chambers, late the pyres	1362
Of her salamandrine fires,	1363
Cold currents thrid, and turn to rhythmic tidal lyres.	1364
	1365
III	1366
Over the mirrors meant	1367
To glass the opulent	1368
The sea-worm crawls — grotesque, slimed, dumb, indifferent.	1369
•••	1370
IV	1371
Jewels in joy designed To ravish the sensuous mind	1372
Lie lightless, all their sparkles bleared and black and blind.	1373 1374
The fightless, an their sparkles ofeared and office and office.	1375
V	1376
Dim moon-eyed fishes near	1377
Gaze at the gilded gear	1378
And query: "What does this vaingloriousness down here?"	1379
	1380
Quatrain: a four-line stanza or unit of verse, often, but not always containing rhyme.	1381
	1382
Example Quatrains: from "Elegy Written in a Country Churchyard" (Thomas Gray)	1383
	1384
The curfew tolls the knell of parting day,	1385
The lowing herd wind slowly o'er the lea,	1386
The plowman homeward plods his weary way,	1387
And leaves the world to darkness and to me.	1388
Now fades the glimm'ring landscape on the sight,	1389 1390
And all the air a solemn stillness holds,	1390
Save where the beetle wheels his droning flight,	1392
And drowsy tinklings lull the distant folds;	1393
	1394
A.8.3 Meters	1395
Free Verse: verse that does not follow a particular pattern of meter or rhyme.	1396
1 1 J	

1398	Example Free Verse: from "The Waste Land" (T.S. Eliot)
1399	
1400	April is the cruellest month, breeding
1401	Lilacs out of the dead land, mixing
1402	Memory and desire, stirring
1403	Dull roots with spring rain.
1404	Winter kept us warm, covering
1405	Earth in forgetful snow, feeding
1406	A little life with dried tubers.
1407	Summer surprised us, coming over the Starnbergersee
1408	With a shower of rain; we stopped in the colonnade,
1409	And went on in sunlight, into the Hofgarten,
1410	And drank coffee, and talked for an hour.
1411	Bin gar keine Russin, stamm' aus Litauen, echt deutsch.
1412	And when we were children, staying at the archduke's,
1413	My cousin's, he took me out on a sled,
1414	And I was frightened. He said, Marie,
1415	Marie, hold on tight. And down we went.
1416	In the mountains, there you feel free.
1417	I read, much of the night, and go south in the winter
1418	
1419	Blank Verse: Unrhymed iambic pentameter.
1420	
1421	Example Blank Verse: from <i>Paradise Lost</i> (John Milton)
1422	
1423	Of Mans First Disobedience, and the Fruit
1424	Of that Forbidden Tree, whose mortal tast
1425	Brought Death into the World, and all our woe,
1426	With loss of Eden, till one greater Man
1427	Restore us, and regain the blissful Seat,
1428	Sing Heav'nly Muse, that on the secret top
1429	Of Oreb, or of Sinai, didst inspire
1430	That Shepherd, who first taught the chosen Seed,
1431	In the Beginning how the Heav'ns and Earth
1432	Rose out of Chaos: or if Sion Hill
1433	Delight thee more, and Siloa's brook that flow'd
1434	Fast by the Oracle of God; I thence
1435	Invoke thy aid to my adventrous Song,
1436	That with no middle flight intends to soar
1437	Above th' Aonian Mount, while it pursues
1438	Things unattempted yet in Prose or Rhime.
1439	
1440	Common Measure: quatrains consisting of alternating lines of iambic tetrameter and trimeter, rhymed
1441	ABAB.
1442	
1443	Example Common Measure: from "It was not death for I stood up" (Emily Dickinson)
1444	
1445	It was not Death, for I stood up,
1446	And all the Dead, lie down -
1447	It was not Night, for all the Bells
	Dut out their Tengues for Near

Put out their Tongues, for Noon.

	1449
It was not Frost, for on my Flesh	1450
I felt Siroccos - crawl -	1451
Nor Fire - for just my marble feet	1452
Could keep a Chancel, cool -	1453
Could Reep a Chancel, cool	1454
A v. J. v. v. Co. co. v. J. 121 v. ob. v. v. v. 11	
And yet, it tasted, like them all,	1455
The Figures I have seen	1456
Set orderly, for Burial	1457
Reminded me, of mine	1458
	1459
A.8.4 Unfixed forms	1460
<b>Ode</b> : a formal lyric poem, which addresses or celebrates a person, place, object, or concept, usually that	1461
is not present. Odes are often longer verse forms, and their stanza patterns vary.	1462
	1463
Example Ode: from "Ode on a Grecian Urn" (John Keats)	1464
	1465
Thou still unravish'd bride of quietness,	1466
Thou foster-child of silence and slow time,	1467
Sylvan historian, who canst thus express	1468
A flowery tale more sweetly than our rhyme:	1469
What leaf-fring'd legend haunts about thy shape	1470
Of deities or mortals, or of both,	1471
In Tempe or the dales of Arcady?	1472
What men or gods are these? What maidens loth?	1473
What mad pursuit? What struggle to escape?	1474
What pipes and timbrels? What wild ecstasy?	1475
	1476
Heard melodies are sweet, but those unheard	1477
Are sweeter; therefore, ye soft pipes, play on;	1478
Not to the sensual ear, but, more endear'd,	1479
Pipe to the spirit ditties of no tone:	1480
Fair youth, beneath the trees, thou canst not leave	1481
Thy song, nor ever can those trees be bare;	1482
Bold Lover, never, never canst thou kiss,	1483
Though winning near the goal yet, do not grieve;	1484
She cannot fade, though thou hast not thy bliss,	1485
For ever wilt thou love, and she be fair!	1486
	1487
<b>Pastoral</b> : a type of poetry and a broader creative tradition idealizing rural life.	1488
	1489
Example Pastoral: "The Passionate Shepherd to His Love" (Christopher Marlowe)	1490
	1491
Come live with me and be my love,	1492
And we will all the pleasures prove,	1493
That Valleys, groves, hills, and fields,	1494
Woods, or steepy mountain yields.	1495
	1496
And we will sit upon the Rocks,	1497
Seeing the Shepherds feed their flocks,	1498
υ · · · · · · · · · · · · · · · · · · ·	

By shallow Rivers to whose falls Melodious birds sing Madrigals.

And I will make thee beds of Roses And a thousand fragrant posies, A cap of flowers, and a kirtle Embroidered all with leaves of Myrtle;

A gown made of the finest wool Which from our pretty Lambs we pull; Fair lined slippers for the cold, With buckles of the purest gold;

A belt of straw and Ivy buds, With Coral clasps and Amber studs: And if these pleasures may thee move, Come live with me, and be my love.

The Shepherds' Swains shall dance and sing For thy delight each May-morning:
If these delights thy mind may move,
Then live with me, and be my love.

Aubade: A poem or song welcoming or lamenting the arrival of dawn, usually with romantic themes.

Example Aubade: "Break of Day" (John Donne)

'Tis true, 'tis day, what though it be?
O wilt thou therefore rise from me?
Why should we rise because 'tis light?
Did we lie down because 'twas night?
Love, which in spite of darkness brought us hither,
Should in despite of light keep us together.

Light hath no tongue, but is all eye; If it could speak as well as spy, This were the worst that it could say, That being well I fain would stay, And that I loved my heart and honour so, That I would not from him, that had them, go.

Must business thee from hence remove?
Oh, that's the worst disease of love,
The poor, the foul, the false, love can
Admit, but not the busied man.
He which hath business, and makes love, doth do
Such wrong, as when a married man doth woo.

**Dramatic Monologue**: a poem in which a usually fictional speaker addresses a listener, who is also often imagined.

1549 Example Dramatic Monologue: from "My Last Duchess" (Robert Browning) 1550 1551 That's my last Duchess painted on the wall, 1552 Looking as if she were alive. I call That piece a wonder, now; Fra Pandolf's hands 1554 Worked busily a day, and there she stands. 1555 Will't please you sit and look at her? I said "Fra Pandolf" by design, for never read 1557 Strangers like you that pictured countenance, 1558 The depth and passion of its earnest glance, 1559 But to myself they turned (since none puts by 1560 The curtain I have drawn for you, but I) 1561 And seemed as they would ask me, if they durst, 1562 How such a glance came there; so, not the first 1563 Are you to turn and ask thus. Sir, 'twas not 1564 Her husband's presence only, called that spot 1565 Of joy into the Duchess' cheek; perhaps 1566 Fra Pandolf chanced to say, "Her mantle laps ... 1567 1568 **Elegy**: a form of poetry and broader mode of writing expressing grief or loss, often in relation to its 1569 subject's death. 1571 Example Elegy: from "Lycidas" (John Milton) 1572 1573 Yet once more, O ye laurels, and once more Ye myrtles brown, with ivy never sere, 1575 I come to pluck your berries harsh and crude, 1576 And with forc'd fingers rude 1577 Shatter your leaves before the mellowing year. 1578 Bitter constraint and sad occasion dear 1579 Compels me to disturb your season due; For Lycidas is dead, dead ere his prime, 1581 Young Lycidas, and hath not left his peer. 1582 Who would not sing for Lycidas? he knew 1583 Himself to sing, and build the lofty rhyme. 1584 He must not float upon his wat'ry bier 1585 Unwept, and welter to the parching wind, Without the meed of some melodious tear. 1587 1588 **Concrete Poetry**: a type of poetry that is structured by visual effect on the page, and often emphasizes 1589 nonlinguistic aspects of writing, including typography, layout, whitespace, etc. 1590 Example Concrete Poetry: "Easter Wings" (George Herbert) 1592 1593 Lord, who createdst man in wealth and store, Though foolishly he lost the same, 1595 Decaying more and more, 1596 Till he became 1597 Most poore: 1598 With thee 1599 O let me rise

As larks, harmoniously, And sing this day thy victories: Then shall the fall further the flight in me.

1601

1602

1603 1604

1605

1606

1607

1609

1610

1611

1612

1613

1615

1616 1617

1618 1619 1620

1621 1622

1624

1627

1629

1630 1631

1633

1634 1635

1636

1637

1639

1640

1641 1642

1644

1645

1646

1647 1648

1649

1650

1652

My tender age in sorrow did beginne And still with sicknesses and shame.

Thou didst so punish sinne,

That I became

Most thinne.

With thee

Let me combine,

And feel thy victorie:

For, if I imp my wing on thine,

Affliction shall advance the flight in me.

**Prose poem**: a poetic composition that is not broken up into lines.

Example Prose Poem: *Gitanjali*, 14 (by Rabindranath Tagore)

My desires are many and my cry is pitiful, but ever didst thou save me by hard refusals; and this strong mercy has been wrought into my life through and through.

Day by day thou art making me worthy of the simple, great gifts that thou gavest to me unasked—this sky and the light, this body and the life and the mind—saving me from perils of overmuch desire.

There are times when I languidly linger and times when I awaken and hurry in search of my goal; but cruelly thou hidest thyself from before me.

Day by day thou art making me worthy of thy full acceptance by refusing me ever and anon, saving me from perils of weak, uncertain desire.

**Ars Poetica**: a poem about poetry.

Example Ars Poetica: from "Poetry" (Marianne Moore)

I too, dislike it: there are things that are important beyond all this fiddle. Reading it, however, with a perfect contempt for it, one discovers that there is in it after all, a place for the genuine. Hands that can grasp, eyes

that can dilate, hair that can rise

if it must, these things are important not because a

high-sounding interpretation can be put upon them but because they are useful; when they become so derivative as to become unintelligible, the same thing may be said for all of us—that we do not admire what we cannot understand. The bat, holding on upside down or in quest of something to

eat, elephants pushing, a wild horse taking a roll, a tireless wolf under a tree, the immovable critic twinkling his skin like a horse that feels a flea, the base ball fan, the statistician—case after case

could be cited did		
one wish it; nor is it valid		
to discriminate against "business documents and		
	1656	
school-books"; all these phenomena are important. One must make a distinction	1657	
however: when dragged into prominence by half poets, the result is not poetry,	1658	
nor till the autocrats among us can be	1659	
"literalists of	1660	
the imagination"—above	1661	
insolence and triviality and can present		
	1663	
for inspection, imaginary gardens with real toads in them, shall we have	1664	
it. In the meantime, if you demand on the one hand, in defiance of their opinion—		
the raw material of poetry in		
all its rawness, and		
that which is on the other hand,		
genuine, then you are interested in poetry.		
	1670	
Ekphrasis: writing that uses vivid language to respond to or describe a work of visual art.	1671	
	1672	
Example Ekphrasis: "On Seeing the Elgin Marbles" (John Keats)		
	1674	
My spirit is too weak—mortality	1675	
Weighs heavily on me like unwilling sleep,	1676	
And each imagined pinnacle and steep	1677	
Of godlike hardship tells me I must die	1678	
Like a sick eagle looking at the sky.	1679	
Yet 'tis a gentle luxury to weep,	1680	
That I have not the cloudy winds to keep,		
Fresh for the opening of the morning's eye.	1682	
Such dim-conceived glories of the brain	1683	
Bring round the heart an indescribable feud;		
So do these wonders a most dizzy pain,		
That mingles Grecian grandeur with the rude		
Wasting of old Time—with a billowy main—		
A sun—a shadow of a magnitude.	1688	