

# Studying Marlowe Through Character and Part of Speech

---

BY:

BYRON BARTLETT, KRISTEN FOWLER, & ERYN LYLE

# Research Questions

---

- Does Marlowe's Part of Speech (POS) use vary between characters; do characters use significantly different speaking styles?
- Does the character Gaveston, who rises in social hierarchy in the play, have a POS pattern that is more aligned with commoners or nobles?
  - What is distinctive about Gaveston's speech pattern/POS use?
- If there is no significant difference between characters, what does that reveal about Marlowe's writing style?

# Steps Taken

---

PLAY EXAMINED FOR THIS PROJECT: EDWARD II

1. Extract words tags with their POS attributes from the XML document of Edward II. [POS determined by Morphadorner]
2. Divide results up by character's list of words
3. Python script pulled POS tags from each document and counted their frequency
4. Compiled spreadsheet of POS frequency by character and character group (Royals, Nobles, Commoners, Religious, and Gaveston)
5. Combine POS into categories (nouns, verbs, etc) and compile spreadsheet by character and character group

# Every Part of Speech Tag Every Character

POS	All	Gaveston	Abbot	Arundel	Baldock	Bartley	Beaumont	Bishop	Chamberlain	Edmund	EdwardII	EdwardIII	EdwardIIIs	Nie Guard	Gurney	Hainault	HorseBoy	Isabella	James	Lancaster	Leicester	Levune	Lightborne	LORDS	Matrevis
#n1	13.19%	17.48%	19.44%	10.17%	11.78%	16.42%	28.57%	10.89%	14.00%	14.70%	12.39%	12.08%	12.61%	16.67%	13.13%	16.18%	33.33%	12.88%	15.00%	16.22%	16.22%	4.44%	14.03%	16.95%	12.83%
#acp-p	7.98%	12.27%	8.33%	9.32%	8.64%	8.96%	0.00%	8.60%	8.23%	8.80%	8.39%	6.12%	7.66%	5.56%	6.25%	8.09%	11.11%	8.72%	7.50%	6.31%	6.31%	13.33%	5.87%	3.39%	7.81%
#n1-nn	6.88%	2.71%	1.39%	6.78%	2.62%	1.49%	0.00%	4.58%	9.72%	5.79%	3.42%	5.35%	3.15%	0.00%	2.50%	6.94%	11.11%	4.26%	2.50%	3.60%	3.60%	8.89%	0.77%	1.69%	3.16%
#d	6.66%	9.88%	8.33%	4.24%	5.50%	2.99%	0.00%	7.45%	5.66%	5.79%	6.45%	4.59%	6.31%	0.00%	9.38%	6.36%	0.00%	6.22%	2.50%	6.76%	6.76%	6.67%	8.42%	6.78%	7.99%
#vvb	5.76%	7.82%	4.17%	1.69%	5.76%	5.97%	0.00%	6.88%	5.34%	5.79%	6.69%	6.73%	6.76%	0.00%	7.50%	8.09%	0.00%	5.29%	12.50%	6.76%	6.76%	2.22%	6.89%	8.47%	5.95%
#po	5.46%	7.60%	6.94%	7.63%	6.81%	11.94%	14.29%	4.58%	5.98%	6.37%	5.41%	6.42%	5.86%	16.67%	6.25%	5.78%	11.11%	6.86%	12.50%	8.56%	8.56%	6.67%	5.10%	6.78%	5.95%
#vvi	5.28%	8.47%	5.56%	6.78%	4.19%	5.97%	14.29%	4.01%	4.91%	4.98%	5.62%	6.12%	6.76%	5.56%	6.88%	5.20%	11.11%	4.31%	7.50%	4.50%	4.50%	4.44%	6.63%	3.39%	5.39%
#j	4.58%	4.89%	11.11%	0.85%	5.50%	5.97%	14.29%	4.30%	3.42%	3.47%	4.29%	3.06%	3.15%	5.56%	1.25%	2.89%	0.00%	5.09%	2.50%	4.95%	4.95%	6.67%	2.81%	3.39%	2.04%
#pns	4.51%	5.54%	1.39%	7.63%	6.81%	1.49%	0.00%	5.44%	5.02%	4.89%	6.42%	8.11%	0.00%	4.38%	1.73%	0.00%	5.48%	5.00%	2.70%	2.70%	0.00%	4.08%	1.69%	3.90%	
#cc	3.70%	4.13%	5.56%	3.39%	3.66%	4.48%	0.00%	4.30%	3.63%	3.70%	4.26%	3.67%	2.25%	0.00%	4.38%	3.47%	0.00%	3.87%	2.50%	2.70%	2.70%	4.44%	3.57%	0.00%	3.35%
#av	3.67%	4.13%	0.00%	3.39%	3.40%	7.46%	0.00%	4.01%	2.56%	2.78%	4.33%	5.66%	4.50%	0.00%	8.75%	1.73%	0.00%	3.28%	0.00%	4.50%	4.50%	0.00%	3.83%	8.47%	4.46%
#n2	3.56%	6.73%	2.78%	2.54%	4.45%	1.49%	0.00%	3.44%	3.74%	4.05%	3.98%	2.14%	0.90%	5.56%	2.50%	5.78%	0.00%	3.72%	5.00%	1.80%	1.80%	13.33%	2.30%	10.17%	2.60%
#pno	2.95%	3.15%	1.39%	4.24%	1.57%	2.99%	0.00%	2.87%	2.99%	3.13%	3.61%	4.28%	4.05%	0.00%	3.75%	2.89%	0.00%	3.18%	2.50%	1.35%	1.35%	0.00%	1.79%	1.69%	3.72%
#vvz	2.57%	3.15%	2.78%	6.78%	2.62%	1.49%	0.00%	2.87%	2.46%	2.55%	2.28%	2.29%	2.25%	5.56%	1.88%	1.16%	0.00%	3.33%	5.00%	4.50%	4.50%	2.22%	1.79%	3.39%	2.97%
#vvn	2.16%	2.28%	0.00%	0.85%	4.71%	1.49%	0.00%	4.87%	2.35%	2.55%	2.12%	1.68%	0.45%	5.56%	2.50%	0.58%	0.00%	2.79%	0.00%	0.45%	0.45%	0.00%	2.04%	0.00%	3.16%
#acp-cs	2.08%	3.15%	8.33%	1.69%	3.66%	1.49%	0.00%	2.29%	1.18%	1.27%	1.82%	2.29%	4.95%	5.56%	3.75%	2.89%	0.00%	2.06%	2.50%	3.15%	3.15%	0.00%	2.81%	0.00%	3.53%
#vmb	2.04%	3.04%	1.39%	5.08%	0.52%	4.48%	0.00%	1.15%	2.03%	1.97%	2.17%	2.75%	2.25%	11.11%	0.63%	2.89%	0.00%	1.52%	2.50%	1.35%	1.35%	4.44%	2.81%	3.39%	1.86%
#pn	1.89%	2.39%	2.78%	6.78%	0.79%	1.49%	14.29%	1.43%	1.71%	1.85%	2.00%	2.91%	0.45%	5.56%	2.50%	4.05%	0.00%	1.22%	5.00%	3.60%	3.60%	4.44%	4.34%	6.78%	1.49%
#cs	1.85%	2.93%	0.00%	3.39%	1.83%	1.49%	0.00%	2.87%	2.14%	1.97%	1.96%	2.14%	2.25%	0.00%	0.63%	0.58%	0.00%	1.91%	0.00%	2.25%	2.25%	2.22%	1.53%	3.39%	0.74%
#xx	1.05%	1.52%	0.00%	0.85%	0.79%	1.49%	0.00%	0.57%	1.07%	1.04%	1.02%	2.14%	1.35%	5.56%	1.25%	1.16%	0.00%	1.13%	2.50%	1.35%	1.35%	0.00%	1.28%	5.08%	0.93%
#vvd	1.03%	0.98%	0.00%	0.85%	2.88%	0.00%	0.00%	3.15%	1.28%	1.39%	0.88%	0.92%	1.35%	0.00%	1.88%	0.00%	0.00%	1.18%	2.50%	0.90%	0.90%	2.22%	2.04%	0.00%	3.35%
#av_j	0.77%	0.54%	0.00%	0.85%	1.05%	1.49%	0.00%	0.86%	0.85%	0.93%	0.72%	0.76%	1.80%	0.00%	0.00%	1.73%	11.11%	0.78%	0.00%	0.00%	0.00%	4.44%	1.53%	0.00%	1.49%
#crq-q	0.72%	1.41%	0.00%	0.00%	0.26%	0.00%	0.00%	0.86%	0.85%	0.93%	0.89%	0.92%	0.45%	5.56%	0.63%	1.73%	0.00%	0.34%	0.00%	0.90%	0.90%	0.00%	1.28%	1.69%	0.37%
#acp-av	0.71%	1.09%	1.39%	0.85%	0.79%	0.00%	0.00%	0.29%	0.43%	0.35%	0.70%	0.46%	1.35%	0.00%	1.88%	1.73%	0.00%	0.49%	0.00%	0.00%	0.00%	0.00%	1.53%	0.00%	0.74%
#acp-cc	0.67%	0.76%	0.00%	0.00%	0.79%	0.00%	0.00%	0.86%	0.75%	0.81%	0.74%	0.76%	0.45%	0.00%	0.63%	0.58%	0.00%	0.83%	0.00%	0.90%	0.90%	0.00%	0.51%	0.00%	0.37%
#uh	0.54%	0.87%	0.00%	0.00%	0.52%	1.49%	0.00%	0.00%	1.07%	1.16%	0.77%	0.15%	0.45%	0.00%	0.00%	0.00%	0.00%	0.93%	0.00%	0.45%	0.45%	0.00%	2.30%	0.00%	0.56%
#crq-cs	0.46%	0.22%	0.00%	0.85%	0.00%	0.00%	0.00%	0.57%	0.32%	0.35%	0.51%	0.31%	1.35%	0.00%	0.63%	0.00%	0.00%	0.83%	0.00%	0.45%	0.45%	0.00%	0.77%	0.00%	0.93%
#vvg	0.43%	1.30%	0.00%	0.85%	0.79%	0.00%	0.00%	0.00%	0.21%	0.23%	0.26%	0.31%	0.90%	0.00%	0.00%	0.00%	0.00%	0.54%	0.00%	0.00%	0.00%	0.00%	0.26%	0.00%	1.12%
#vmd	0.41%	0.33%	0.00%	0.00%	0.26%	1.49%	0.00%	0.00%	0.53%	0.58%	0.46%	0.61%	0.00%	0.00%	0.00%	0.00%	0.00%	0.83%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.56%
#pns vmb	0.39%	0.98%	0.00%	0.00%	0.00%	0.00%	0.00%	0.29%	0.32%	0.35%	0.47%	0.31%	0.00%	0.00%	0.00%	0.00%	11.11%	0.34%	0.00%	0.45%	0.45%	2.22%	0.26%	0.00%	0.56%
#vv2	0.34%	0.43%	0.00%	0.00%	0.79%	0.00%	0.00%	0.00%	0.64%	0.69%	0.56%	0.15%	0.45%	0.00%	0.00%	0.00%	0.00%	0.54%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
#crq-r	0.31%	0.33%	0.00%	0.85%	0.79%	0.00%	0.00%	0.29%	0.32%	0.35%	0.33%	0.15%	0.00%	0.00%	0.63%	1.73%	0.00%	0.24%	0.00%	0.90%	0.90%	0.00%	0.51%	0.00%	0.19%
#n1g-nn	0.31%	0.22%	0.00%	0.00%	0.52%	0.00%	0.00%	0.57%	0.64%	0.46%	0.26%	0.31%	0.00%	0.00%	0.00%	1.16%	0.00%	0.10%	0.00%	0.00%	0.00%	2.22%	0.00%	0.00%	0.19%
#n1g	0.29%	0.22%	0.00%	0.85%	0.52%	1.49%	0.00%	0.29%	0.32%	0.35%	0.26%	0.92%	0.45%	0.00%	0.00%	0.58%	0.00%	0.15%	0.00%	0.45%	0.45%	0.00%	0.51%	1.69%	0.19%
#fw-la	0.28%	0.00%	0.00%	0.00%	0.52%	0.00%	0.00%	0.00%	0.00%	0.00%	0.07%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.50%	4.50%	0.00%	0.00%	0.00%	0.00%	1.12%
#j_vn	0.21%	0.43%	1.39%	0.00%	0.00%	0.00%	0.00%	0.00%	0.32%	0.35%	0.32%	0.46%	0.00%	0.00%	0.00%	0.58%	0.00%	0.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
#uh-x	0.21%	0.11%	0.00%	0.00%	0.26%	0.00%	0.00%	0.00%	0.11%	0.12%	0.19%	0.00%	0.00%	0.00%	0.63%	0.00%	0.00%	0.39%	0.00%	0.00%	0.00%	0.00%	0.51%	0.00%	0.00%
#pn vvz	0.20%	0.33%	0.00%	0.00%	0.26%	1.49%	0.00%	0.00%	0.11%	0.12%	0.16%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.20%	0.00%	0.45%	0.45%	0.00%	0.26%	1.69%	0.19%
#av_d	0.19%	0.11%	0.00%	0.00%	0.52%	0.00%	0.00%	0.29%	0.21%	0.23%	0.11%	0.15%	0.45%	0.00%	0.63%	0.00%	0.00%	0.29%	0.00%	0.00%	0.00%	0.00%	0.26%	0.00%	0.56%
#j_vg	0.18%	0.43%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.28%	0.15%	0.00%	0.00%	0.00%	0.00%	0.00%	0.15%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
#d-x	0.17%	0.43%	2.78%	0.00%	0.00%	0.00%	0.00%	0.29%	0.11%	0.12%	0.16%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.10%	0.00%	0.45%	0.45%	2.22%	0.00%	0.00%	0.19%

NOTE: Many characters and POS tags not included in this picture

# Every Part of Speech Tag Character Groups

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	POS	Royals	Nobles	Commoners	Religious	Gaveston		AVERAGE		Avg w/o Gav	Avg w/o Roy	Avg w/o Nob	Avg w/o Com	Avg w/o Rel
2	#n1	12.69%	13.56%	14.92%	12.39%	13.39%		13.39%		13.39%	13.56%	13.35%	13.01%	13.64%
3	#acp-p	8.32%	8.39%	8.09%	8.72%	9.40%		8.58%		8.38%	8.65%	8.63%	8.71%	8.55%
4	#n1-nn	3.94%	3.79%	3.61%	3.90%	2.08%		3.47%		3.81%	3.35%	3.38%	3.43%	3.36%
5	#d	6.21%	7.27%	7.97%	7.34%	7.57%		7.27%		7.20%	7.54%	7.27%	7.10%	7.26%
6	#vvb	6.31%	5.50%	6.77%	6.42%	5.99%		6.20%		6.25%	6.17%	6.37%	6.05%	6.14%
7	#po	5.89%	5.61%	5.91%	5.28%	5.82%		5.70%		5.67%	5.65%	5.72%	5.65%	5.81%
8	#vvi	5.34%	5.36%	5.57%	4.59%	6.49%		5.47%		5.21%	5.50%	5.50%	5.44%	5.69%
9	#j	4.28%	5.77%	3.10%	5.50%	3.74%		4.48%		4.66%	4.53%	4.16%	4.83%	4.22%
10	#pns	5.24%	4.63%	3.56%	4.82%	4.24%		4.50%		4.56%	4.31%	4.46%	4.73%	4.42%
11	#cc	4.04%	3.72%	3.73%	4.36%	3.16%		3.80%		3.96%	3.74%	3.82%	3.82%	3.66%
12	#av	4.06%	3.58%	3.67%	3.21%	3.16%		3.54%		3.63%	3.41%	3.53%	3.50%	3.62%
13	#n2	3.73%	3.50%	3.27%	3.44%	5.16%		3.82%		3.49%	3.84%	3.90%	3.96%	3.92%
14	#pno	3.53%	2.67%	2.81%	2.52%	2.41%		2.79%		2.88%	2.60%	2.82%	2.78%	2.85%
15	#vz	2.53%	2.93%	2.01%	2.75%	2.41%		2.53%		2.56%	2.53%	2.43%	2.66%	2.47%
16	#vvn	2.23%	2.21%	2.29%	3.90%	1.75%		2.48%		2.66%	2.54%	2.54%	2.52%	2.12%
17	#acp-cs	1.93%	2.02%	2.98%	3.21%	2.41%		2.51%		2.54%	2.66%	2.63%	2.39%	2.34%
18	#vmb	2.05%	2.22%	2.07%	1.38%	2.33%		2.01%		1.93%	2.00%	1.96%	2.00%	2.17%
19	#pn	1.84%	1.94%	2.70%	1.61%	1.83%		1.98%		2.02%	2.02%	1.99%	1.81%	2.08%
20	#cs	1.97%	2.03%	1.09%	2.52%	2.25%		1.97%		1.90%	1.97%	1.96%	2.19%	1.83%
21	#xx	1.13%	1.14%	0.98%	0.46%	1.16%		0.97%		0.93%	0.94%	0.93%	0.97%	1.10%
22	#vvd	1.00%	1.00%	2.01%	2.52%	0.75%		1.46%		1.63%	1.57%	1.57%	1.32%	1.19%
23	#av_j	0.78%	0.75%	1.15%	0.69%	0.42%		0.76%		0.84%	0.75%	0.76%	0.66%	0.77%
24	#crq-q	0.77%	0.67%	0.80%	0.69%	1.08%		0.80%		0.73%	0.81%	0.84%	0.80%	0.83%
25	#acp-av	0.62%	0.71%	1.09%	0.46%	0.83%		0.74%		0.72%	0.77%	0.75%	0.66%	0.81%
26	#acp-cc	0.76%	0.71%	0.40%	0.69%	0.58%		0.63%		0.64%	0.60%	0.61%	0.68%	0.61%
27	#uh	0.79%	0.33%	0.75%	0.00%	0.67%		0.51%		0.47%	0.44%	0.55%	0.45%	0.63%
28	#crq-cs	0.57%	0.36%	0.52%	0.46%	0.17%		0.41%		0.47%	0.37%	0.43%	0.39%	0.40%
29	#vvg	0.34%	0.44%	0.52%	0.00%	1.00%		0.46%		0.32%	0.49%	0.46%	0.44%	0.57%
30	#vmd	0.55%	0.39%	0.23%	0.00%	0.25%		0.28%		0.29%	0.22%	0.26%	0.30%	0.36%
31	#pns vmb	0.41%	0.33%	0.29%	0.23%	0.75%		0.40%		0.31%	0.40%	0.42%	0.43%	0.44%
32	#vv2	0.54%	0.29%	0.00%	0.00%	0.33%		0.23%		0.21%	0.16%	0.22%	0.29%	0.29%
33	#crq-r	0.30%	0.38%	0.46%	0.23%	0.25%		0.32%		0.34%	0.33%	0.31%	0.29%	0.35%
34	#n1g-nn	0.24%	0.34%	0.29%	0.46%	0.17%		0.30%		0.33%	0.31%	0.29%	0.30%	0.26%
35	#n1g	0.30%	0.37%	0.34%	0.23%	0.17%		0.28%		0.31%	0.28%	0.26%	0.26%	0.29%
36	#fw-la	0.04%	0.71%	0.46%	0.00%	0.00%		0.24%		0.30%	0.29%	0.13%	0.19%	0.30%
37	#j_vn	0.32%	0.13%	0.11%	0.23%	0.33%		0.22%		0.20%	0.20%	0.25%	0.25%	0.22%
38	#uh-x	0.21%	0.24%	0.17%	0.00%	0.08%		0.14%		0.16%	0.12%	0.12%	0.13%	0.18%

NOTE: Many POS tags  
not included in this  
picture

# Categorized Part of Speech Every Character

POS	All	Gaveston	Abbot	Arundel	Baldock	Bartley	Beaumont	Bishop	Chamberlain	Edmund	EdwardII	EdwardIII
NOUNS	25%	28%	25.00%	20%	21%	21%	29%	20%	29%	26%	21%	21%
ADVERBS	6%	7%	1.39%	5%	6%	10%	0%	6%	4%	5%	6%	8%
VERBS	20%	28%	13.89%	23%	23%	21%	14%	23%	20%	21%	22%	23%
NEGATIVES	1%	2%	0.00%	1%	1%	1%	0%	1%	1%	1%	1%	2%
PRONOUNS	16%	20%	15.28%	27%	17%	18%	29%	16%	16%	17%	17%	20%
CONJUNCTIONS	9%	12%	13.89%	9%	10%	7%	0%	11%	8%	8%	9%	9%
DETERMINERS	7%	11%	11.11%	4%	5%	3%	0%	8%	6%	6%	7%	5%
WH-WORDS	1%	2%	0.00%	0%	0%	0%	0%	1%	1%	1%	1%	1%
PREPOSITIONS	8%	12%	8.33%	9%	9%	9%	0%	9%	8%	9%	8%	6%
CONTRACTIONS	1%	1%	0.00%	0%	0%	1%	0%	0%	0%	0%	1%	0%
ADJECTIVES	5%	6%	12.50%	1%	5%	6%	14%	4%	4%	4%	5%	4%
INTERJECTION	1%	1%	0.00%	0%	1%	1%	0%	0%	1%	1%	1%	0%
LATIN WORD	0%	0%	0.00%	0%	1%	0%	0%	0%	0%	0%	0%	0%
NUMERAL	0%	0%	0.00%	0%	0%	0%	0%	0%	0%	0%	0%	0%

NOTE: Many characters not included in this picture

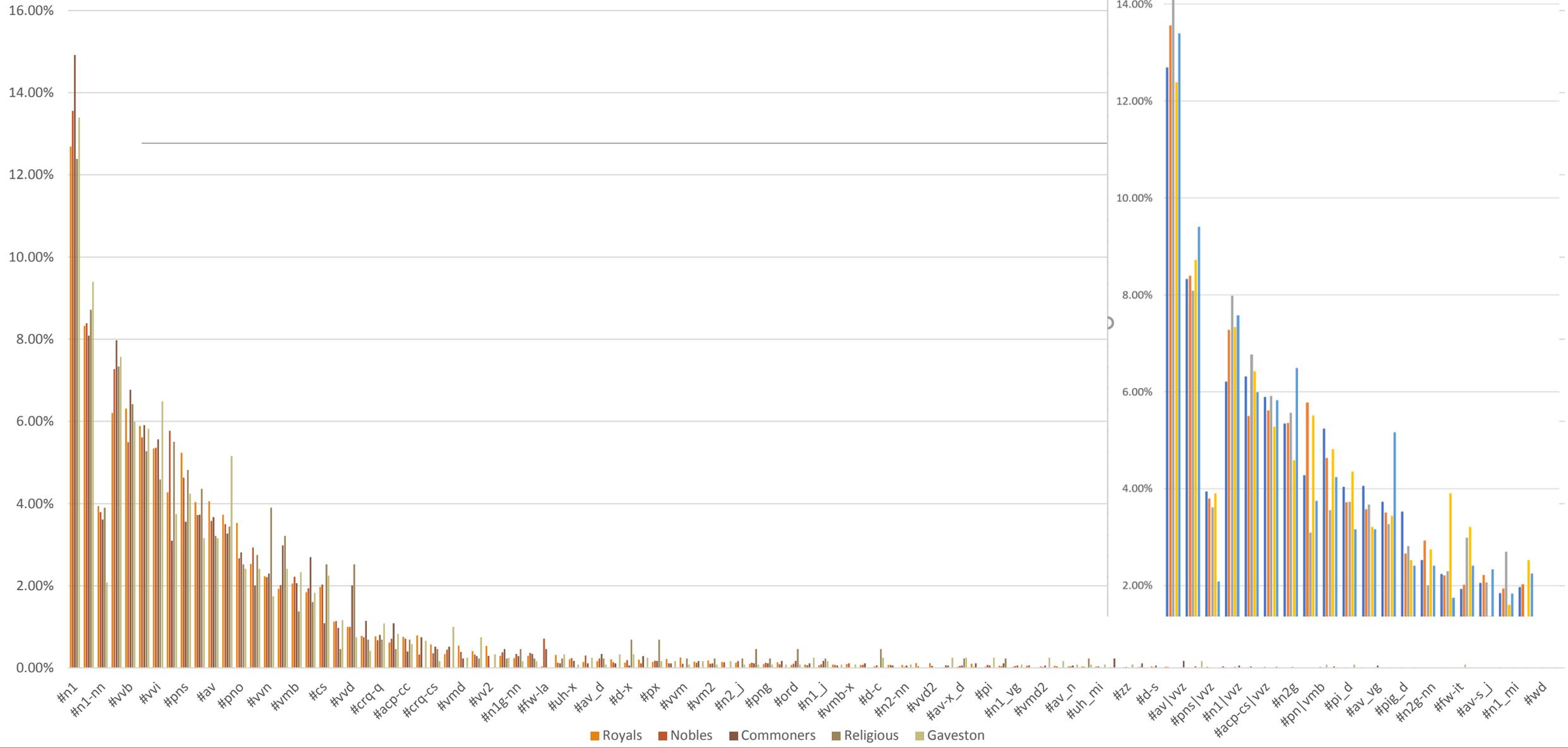
# Categorized Part of Speech Character Groups

POS	Royal	Nobles	Commone	Religious	Gaveston	AVERAGE
NOUNS	21.28%	22.01%	19.91%	20.82%	21.47%	21.10%
ADVERBS	6.29%	5.73%	6.83%	5.03%	5.35%	5.84%
VERBS	21.68%	20.84%	23.41%	21.97%	21.89%	21.96%
NEGATIVES	1.13%	1.15%	1.26%	0.46%	1.17%	1.03%
PRONOUNS	17.40%	16.00%	16.01%	16.48%	15.37%	16.25%
CONJUNCTIONS	9.47%	9.02%	7.80%	11.21%	8.94%	9.29%
DETERMINERS	6.45%	7.58%	8.78%	8.47%	8.19%	7.89%
WH-WORDS	0.83%	0.71%	1.89%	0.69%	1.25%	1.07%
PREPOSITIONS	8.36%	8.43%	7.52%	8.70%	9.44%	8.49%
CONTRACTIONS	0.56%	0.64%	0.40%	0.23%	1.00%	0.57%
ADJECTIVES	5.13%	6.37%	3.67%	5.72%	4.93%	5.16%
INTERJECTION	1.22%	0.69%	1.03%	0.23%	0.84%	0.80%
LATIN WORD	0.04%	0.71%	1.32%	0.00%	0.00%	0.42%
NUMERAL	0.16%	0.13%	0.17%	0.00%	0.17%	0.13%

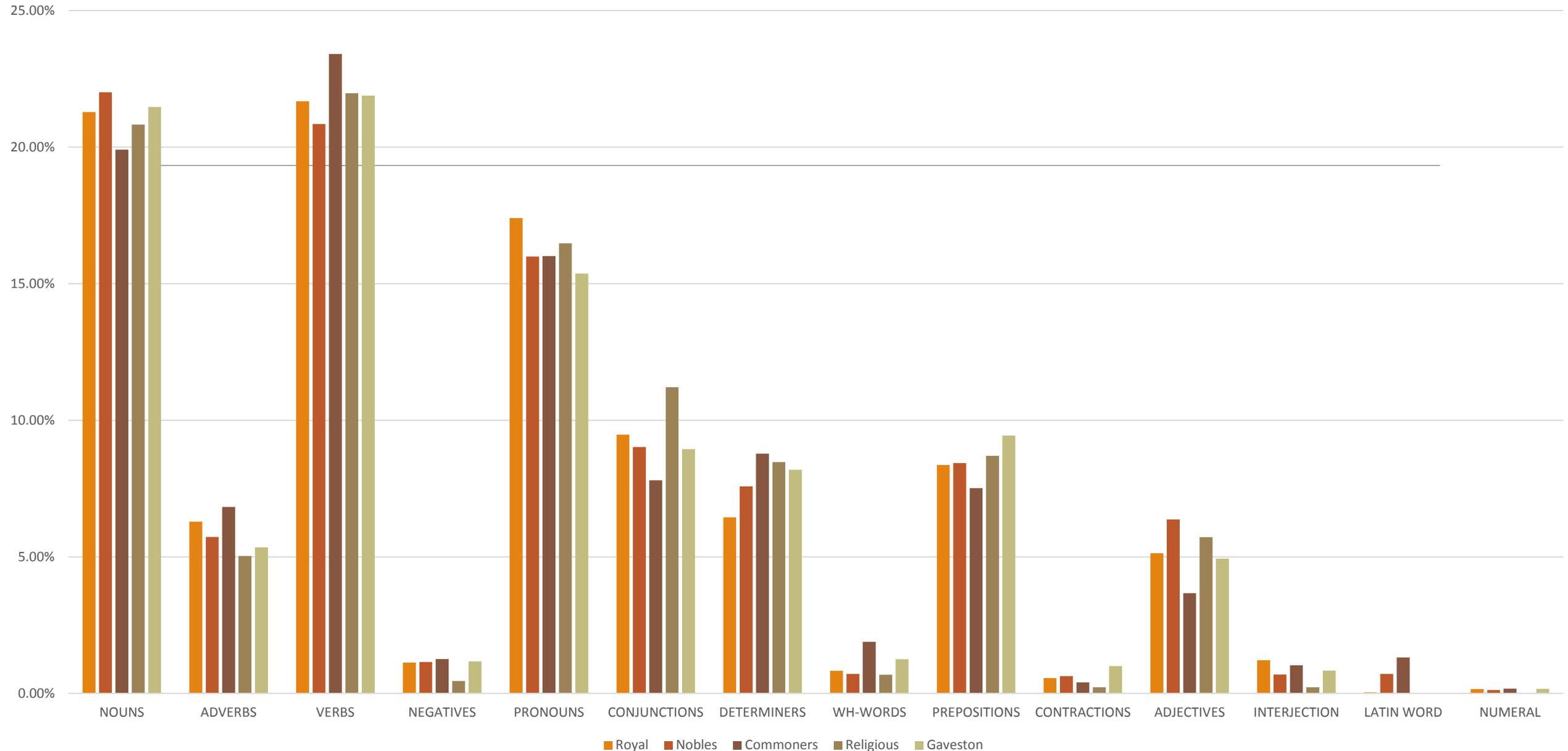
# Averages of Cat-POS & Cat-Character

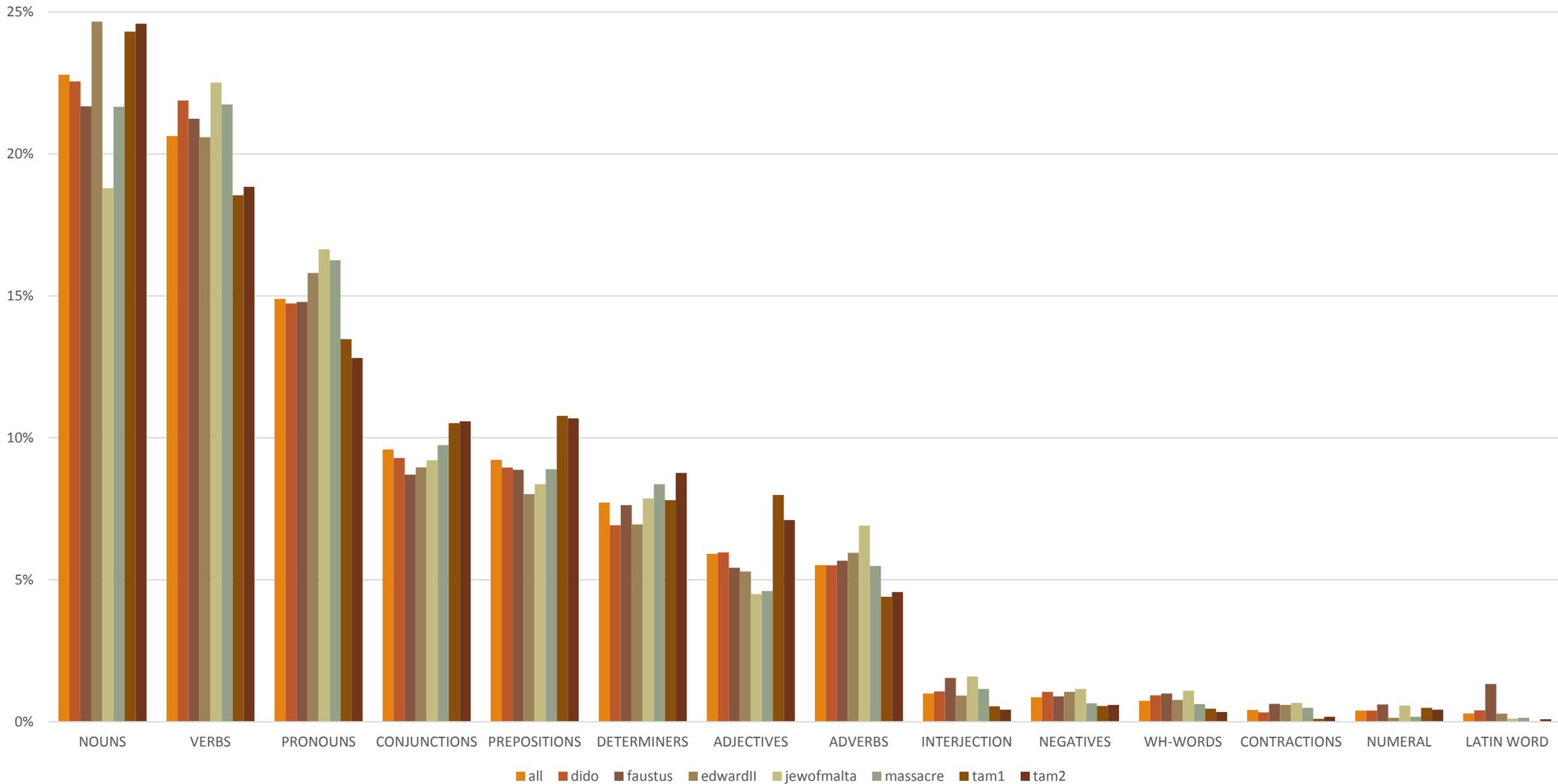
POS	AVERAGE		Avg w/o Gav	Avg w/o Roy	Avg w/o Nob	Avg w/o Com	Avg w/o Rel
NOUNS	21.10%		21.01%	21.17%	20.87%	21.40%	21.17%
ADVERBS	5.84%		5.97%	6.05%	5.87%	5.60%	6.05%
VERBS	21.96%		21.97%	21.95%	22.24%	21.59%	21.95%
NEGATIVES	1.03%		1.00%	1.18%	1.01%	0.98%	1.18%
PRONOUNS	16.25%		16.47%	16.19%	16.31%	16.31%	16.19%
CONJUNCTIONS	9.29%		9.38%	8.81%	9.36%	9.66%	8.81%
DETERMINERS	7.89%		7.82%	7.75%	7.97%	7.67%	7.75%
WH-WORDS	1.07%		1.03%	1.17%	1.16%	0.87%	1.17%
PREPOSITIONS	8.49%		8.25%	8.44%	8.50%	8.73%	8.44%
CONTRACTIONS	0.57%		0.46%	0.65%	0.55%	0.61%	0.65%
ADJECTIVES	5.16%		5.22%	5.02%	4.86%	5.54%	5.02%
INTERJECTION	0.80%		0.79%	0.94%	0.83%	0.74%	0.94%
LATIN WORD	0.42%		0.52%	0.52%	0.34%	0.19%	0.52%
NUMERAL	0.13%		0.11%	0.16%	0.12%	0.11%	0.16%

# Proportion of POS Tags used by Character Groups



# Proportion of POS Categories used by Character Groups





# Conclusions

---

- Gaveston's, Edward II's, and Mortimer's percentages' proximity to the mean, counting lines and percentages, suggests that Marlowe has a house style for *Edward II*.

[\[See spreadsheet for specific conclusions\]](#)

# Future Research Questions

---

- Does the “house style” phenomenon hold for Marlowe’s other plays?
- Does the “house style” phenomenon hold for Shakespeare’s plays, or Jonson’s?
- Is there a house style for genre?
- Do crossdressed characters have distinctive POS profiles?
- Do characters have distinctive POS profiles by gender?