

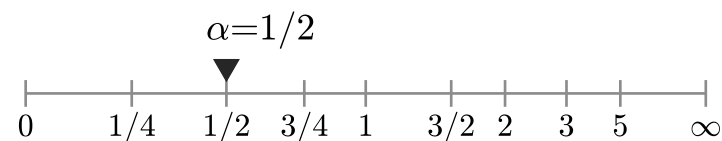
$\Omega_1$ : All other books

$\Omega_2$ : Harry Potter 1

Divergence contribution  $\delta D_{1/2,\tau}^R$  (%)

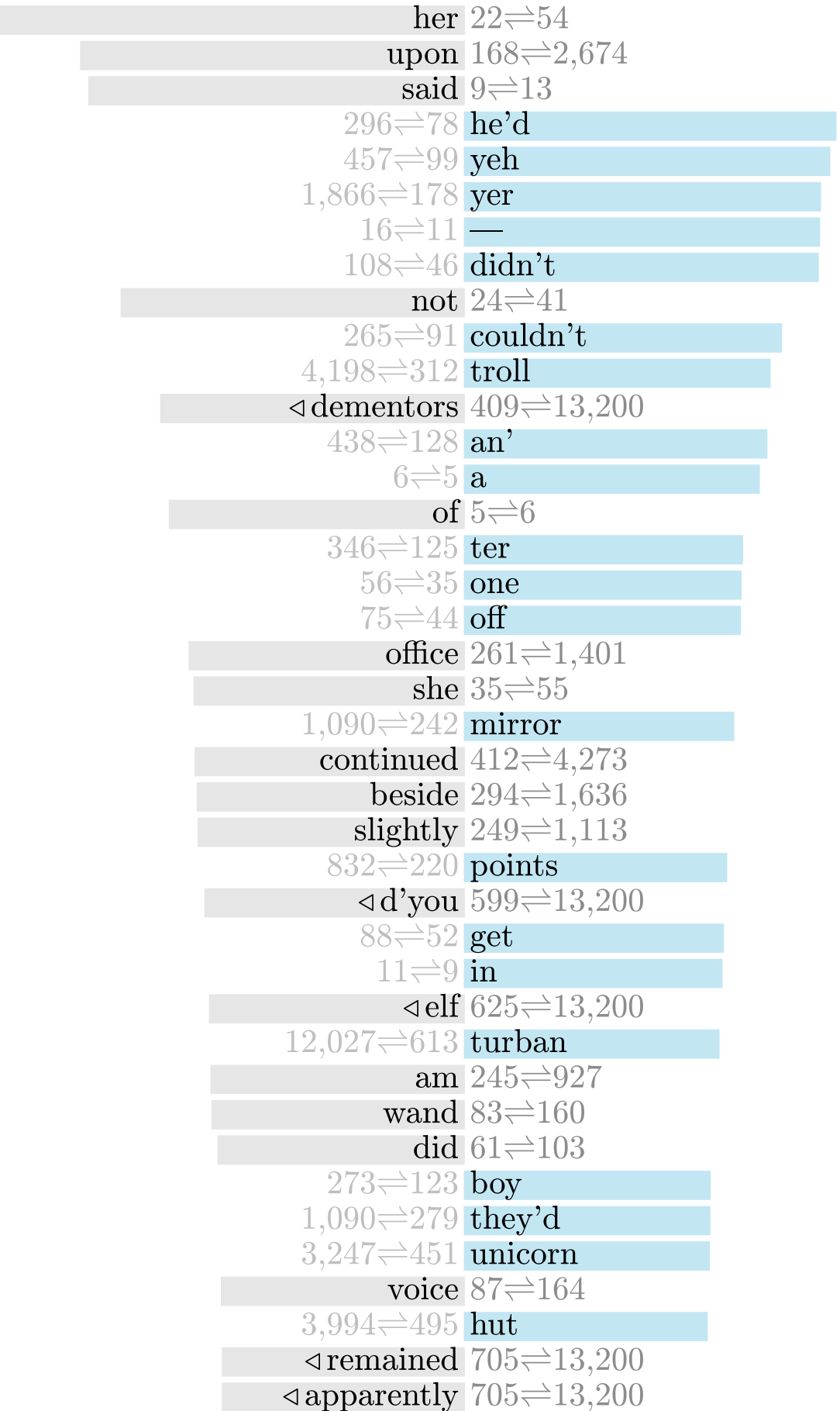
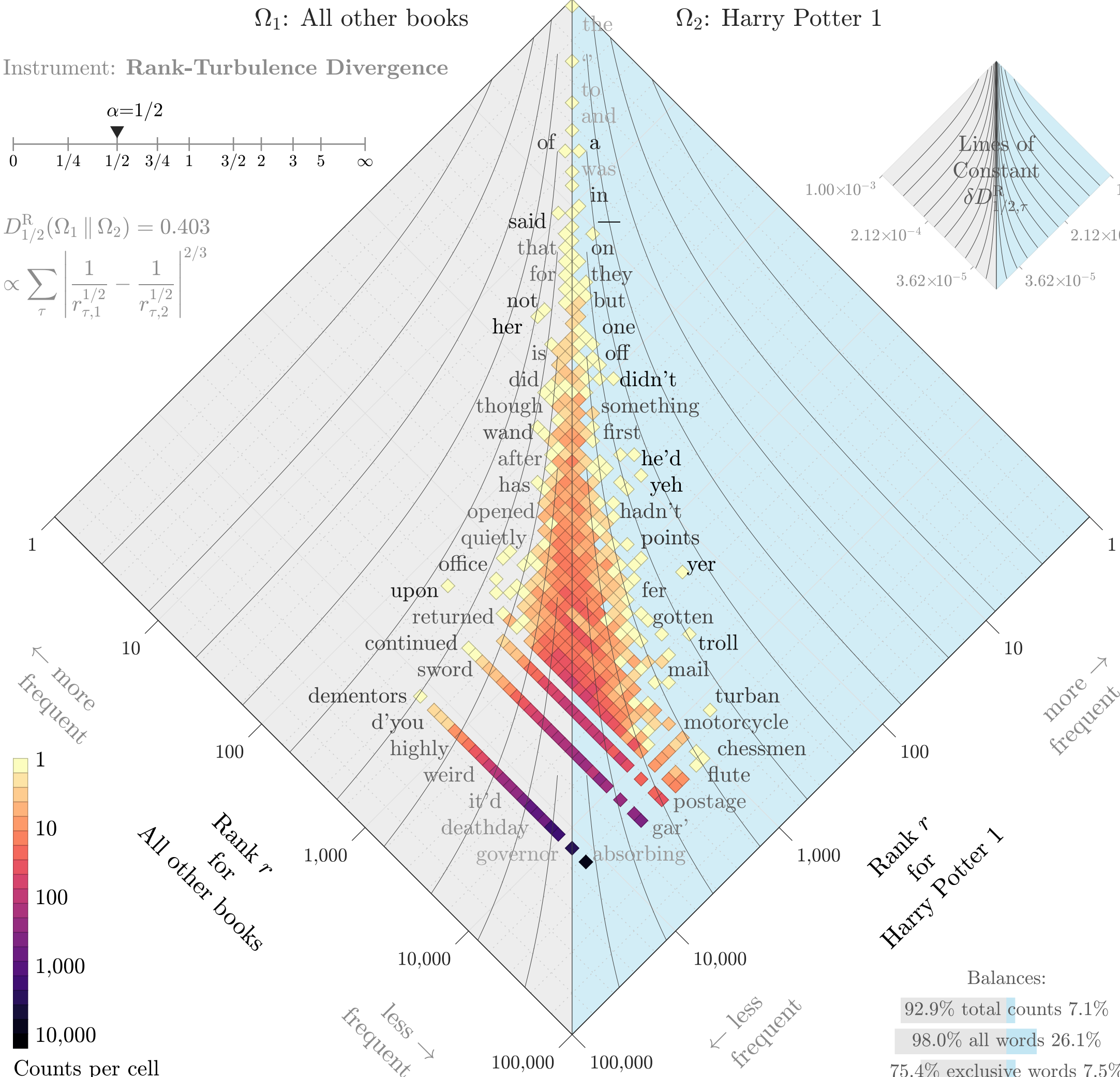
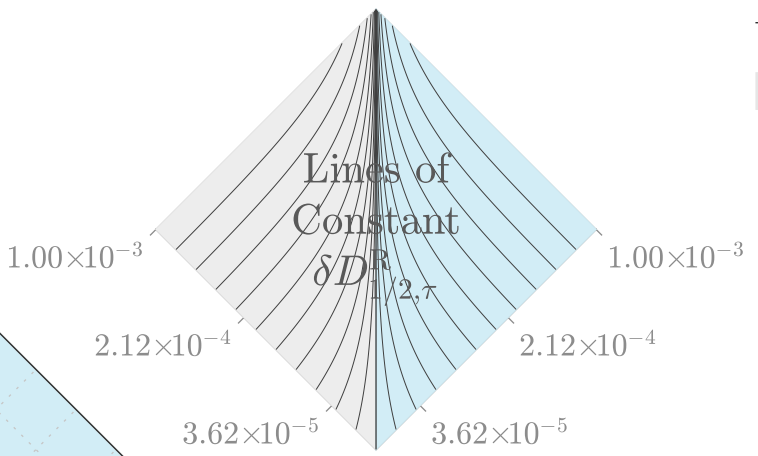
0.04 0.03 0.02 0.01 0 0.01 0.02 0.03 0.04

Instrument: Rank-Turbulence Divergence



$$D_{1/2}^R(\Omega_1 \parallel \Omega_2) = 0.403$$

$$\propto \sum_{\tau} \left| \frac{1}{r_{\tau,1}^{1/2}} - \frac{1}{r_{\tau,2}^{1/2}} \right|^{2/3}$$



Balances:

92.9% total counts 7.1%

98.0% all words 26.1%

75.4% exclusive words 7.5%

53.7%—46.3%

$\Omega_1$ : All other books

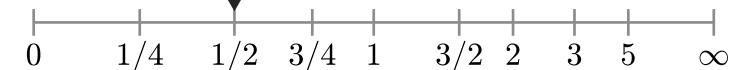
$\Omega_2$ : Harry Potter 2

Divergence contribution  $\delta D_{1/2,\tau}^R$  (%)

0.04 0.03 0.02 0.01 0 0.01 0.02 0.03 0.04

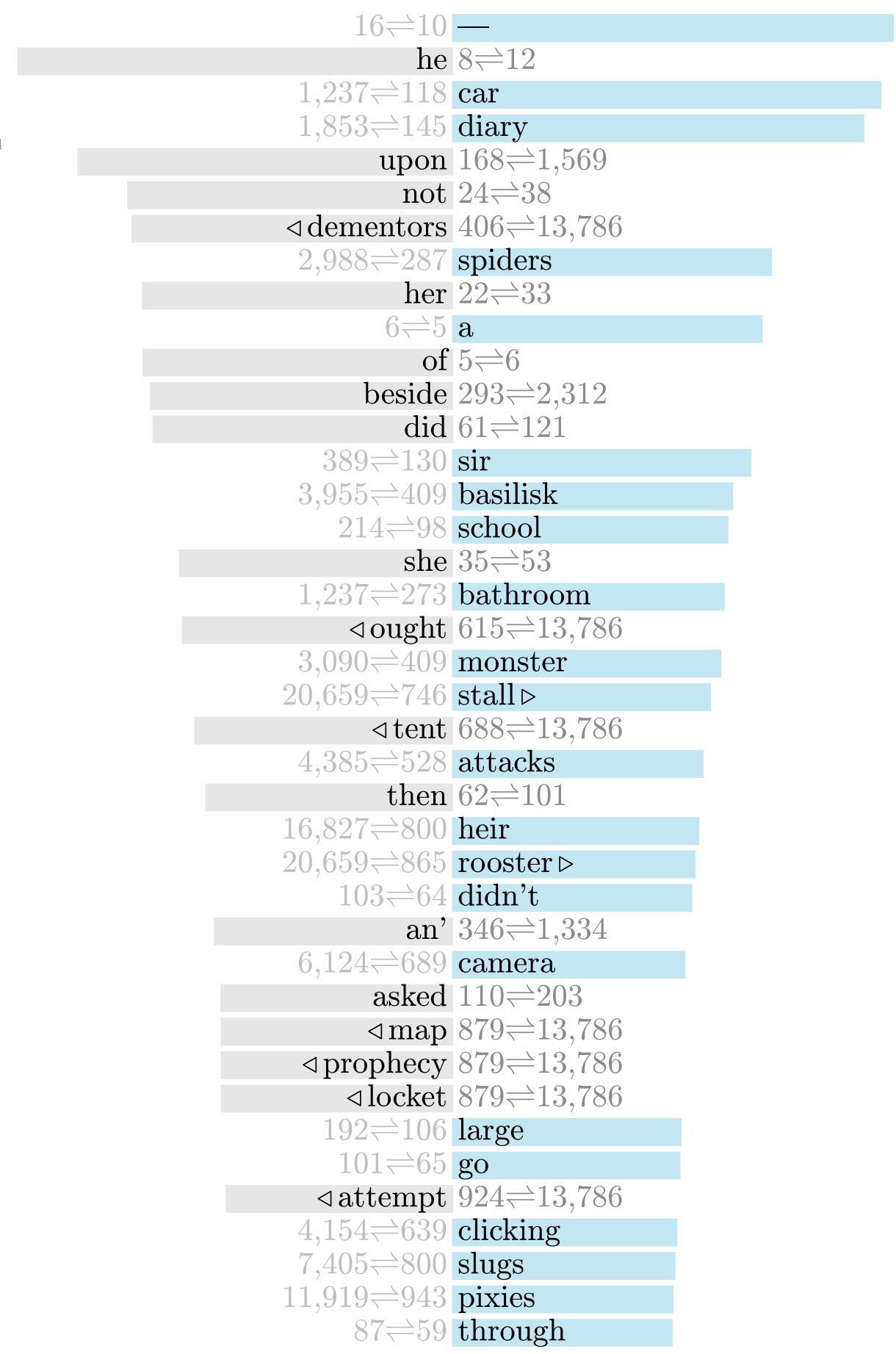
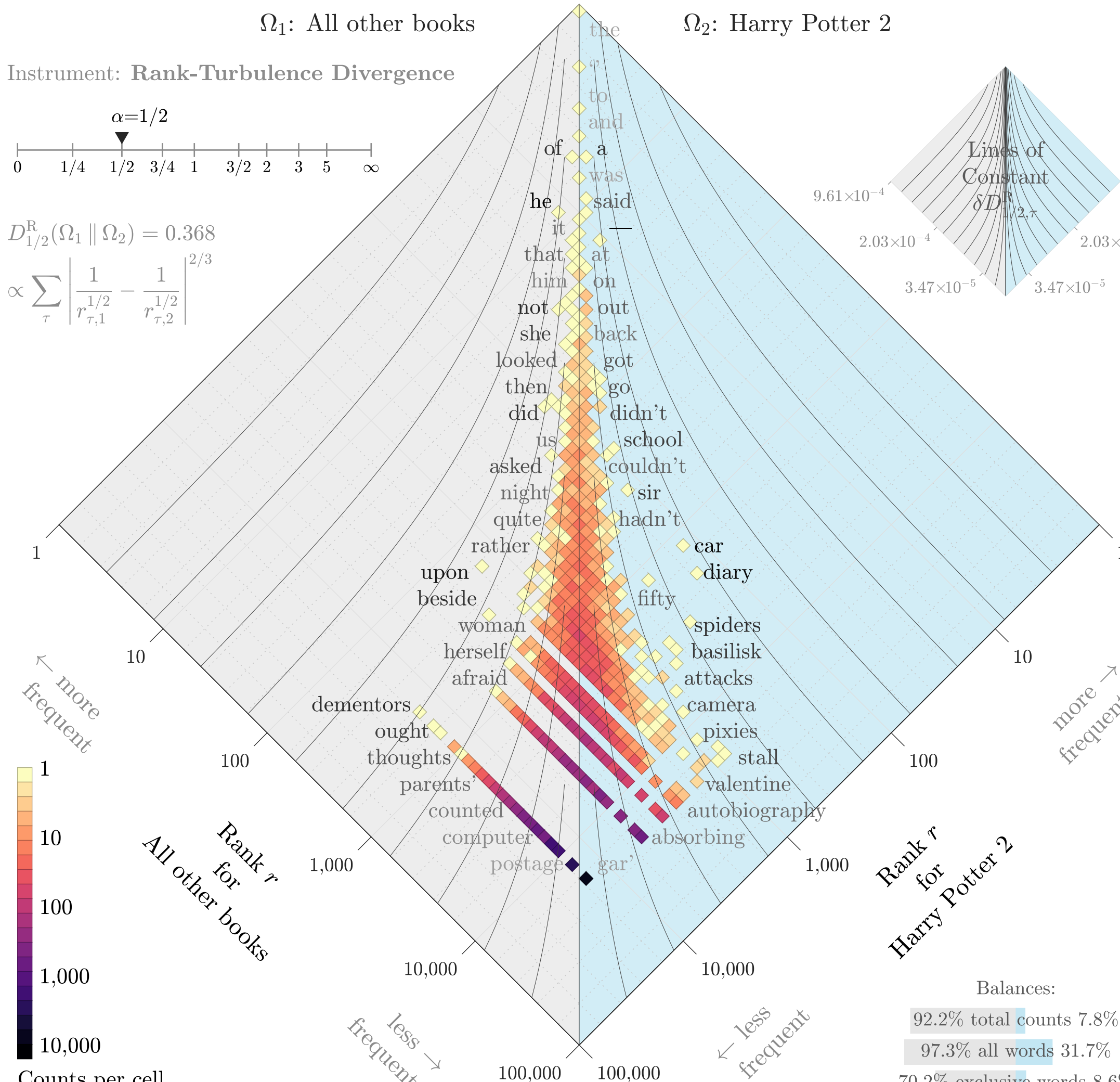
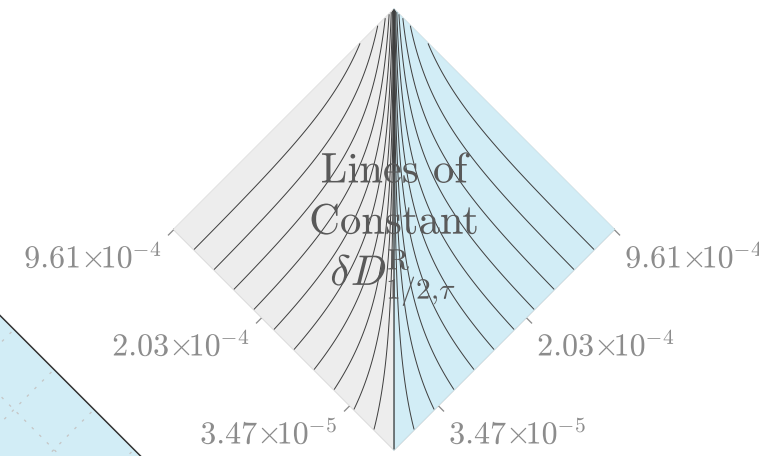
Instrument: Rank-Turbulence Divergence

$\alpha=1/2$



$$D_{1/2}^R(\Omega_1 \parallel \Omega_2) = 0.368$$

$$\propto \sum_{\tau} \left| \frac{1}{r_{\tau,1}^{1/2}} - \frac{1}{r_{\tau,2}^{1/2}} \right|^{2/3}$$



Balances:  
92.2% total counts 7.8%  
97.3% all words 31.7%  
70.2% exclusive words 8.6%

52.4%—47.6%

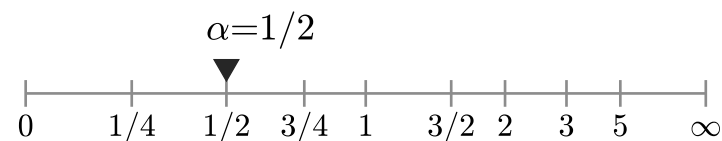
$\Omega_1$ : All other books

$\Omega_2$ : Harry Potter 3

Divergence contribution  $\delta D_{1/2,\tau}^R$  (%)

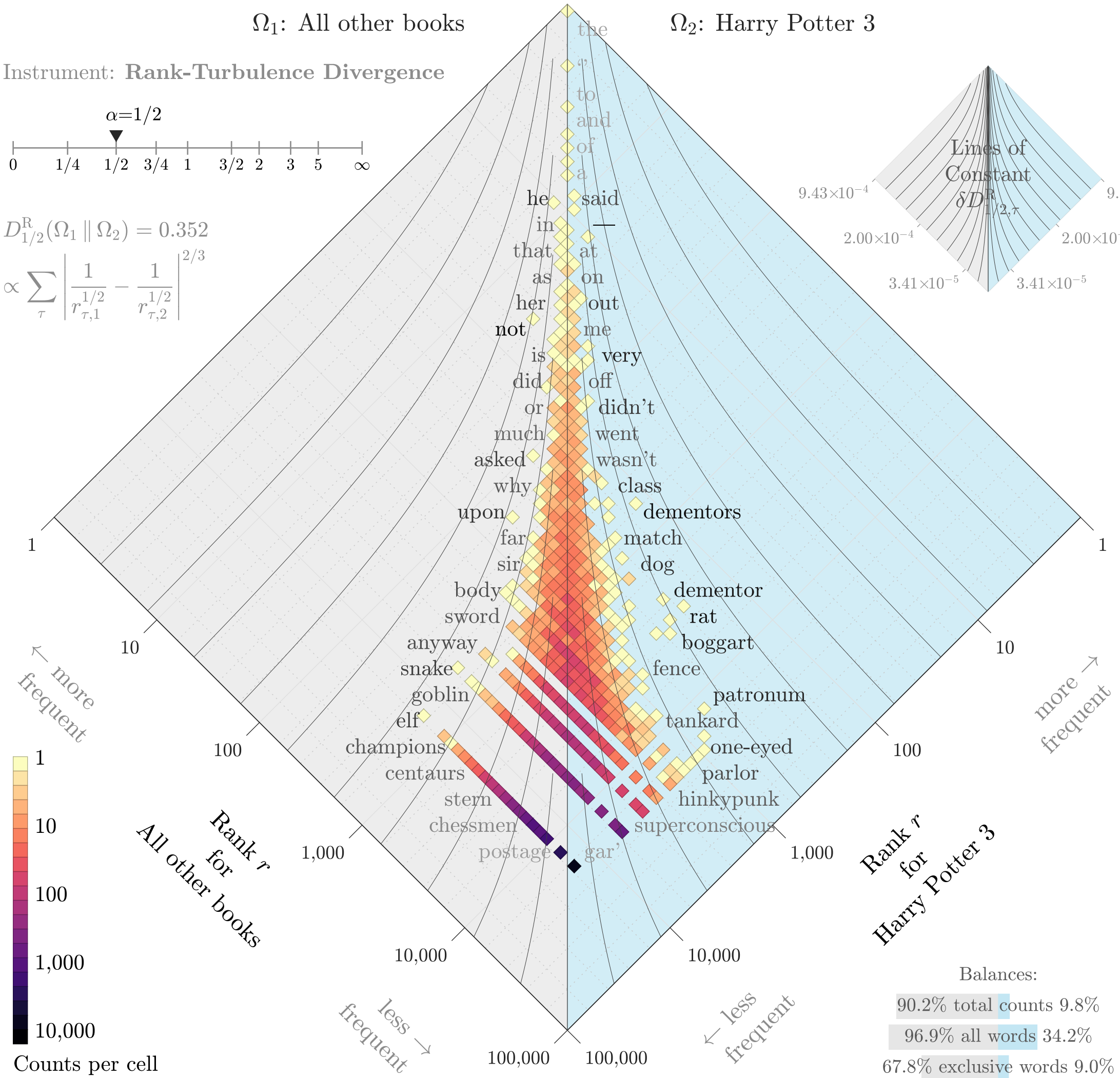
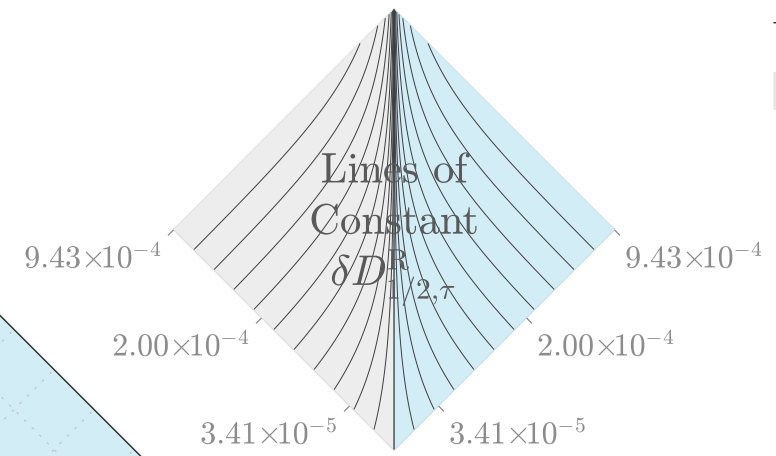
0.04 0.03 0.02 0.01 0 0.01 0.02 0.03 0.04

Instrument: Rank-Turbulence Divergence



$$D_{1/2}^R(\Omega_1 \parallel \Omega_2) = 0.352$$

$$\propto \sum_{\tau} \left| \frac{1}{r_{\tau,1}^{1/2}} - \frac{1}{r_{\tau,2}^{1/2}} \right|^{2/3}$$



not	24 ⇌ 49
16 ⇌ 11	—
3,169 ⇌ 249	rat
607 ⇌ 135	dementors
2,401 ⇌ 270	demonor
72 ⇌ 41	very
3,295 ⇌ 331	hippogriff
8 ⇌ 10	he
3,896 ⇌ 371	boggart
168 ⇌ 553	upon
11,871 ⇌ 553	patronum
610 ⇌ 14,057	<elf
524 ⇌ 5,593	snake
1,235 ⇌ 293	dog
416 ⇌ 164	class
35 ⇌ 51	she
110 ⇌ 226	asked
2,953 ⇌ 458	chocolate
969 ⇌ 274	field
22 ⇌ 29	her
104 ⇌ 63	didn't
55 ⇌ 38	down
16,766 ⇌ 828	one-eyed
20,621 ⇌ 883	executioner >
693 ⇌ 240	match
315 ⇌ 146	castle
1,222 ⇌ 331	map
30 ⇌ 23	out
862 ⇌ 14,057	<prophecy
862 ⇌ 14,057	<locket
871 ⇌ 14,057	<diary
567 ⇌ 3,455	anyway
682 ⇌ 5,593	tent
527 ⇌ 214	team
1,788 ⇌ 429	werewolf
732 ⇌ 264	broom
20,621 ⇌ 1,024	expecto >
278 ⇌ 141	he'd
385 ⇌ 1,371	body
607 ⇌ 3,455	ought

Balances:

90.2% total counts 9.8%

96.9% all words 34.2%

67.8% exclusive words 9.0%

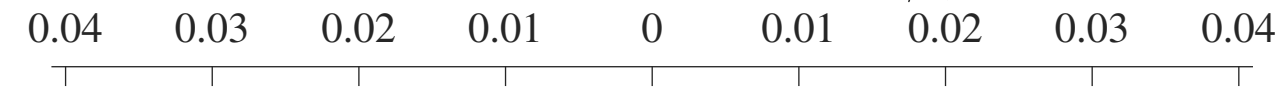
52.0%—48.0%



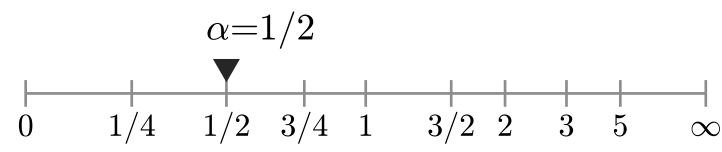
$\Omega_1$ : All other books

$\Omega_2$ : Harry Potter 4

Divergence contribution  $\delta D_{1/2,\tau}^R$  (%)

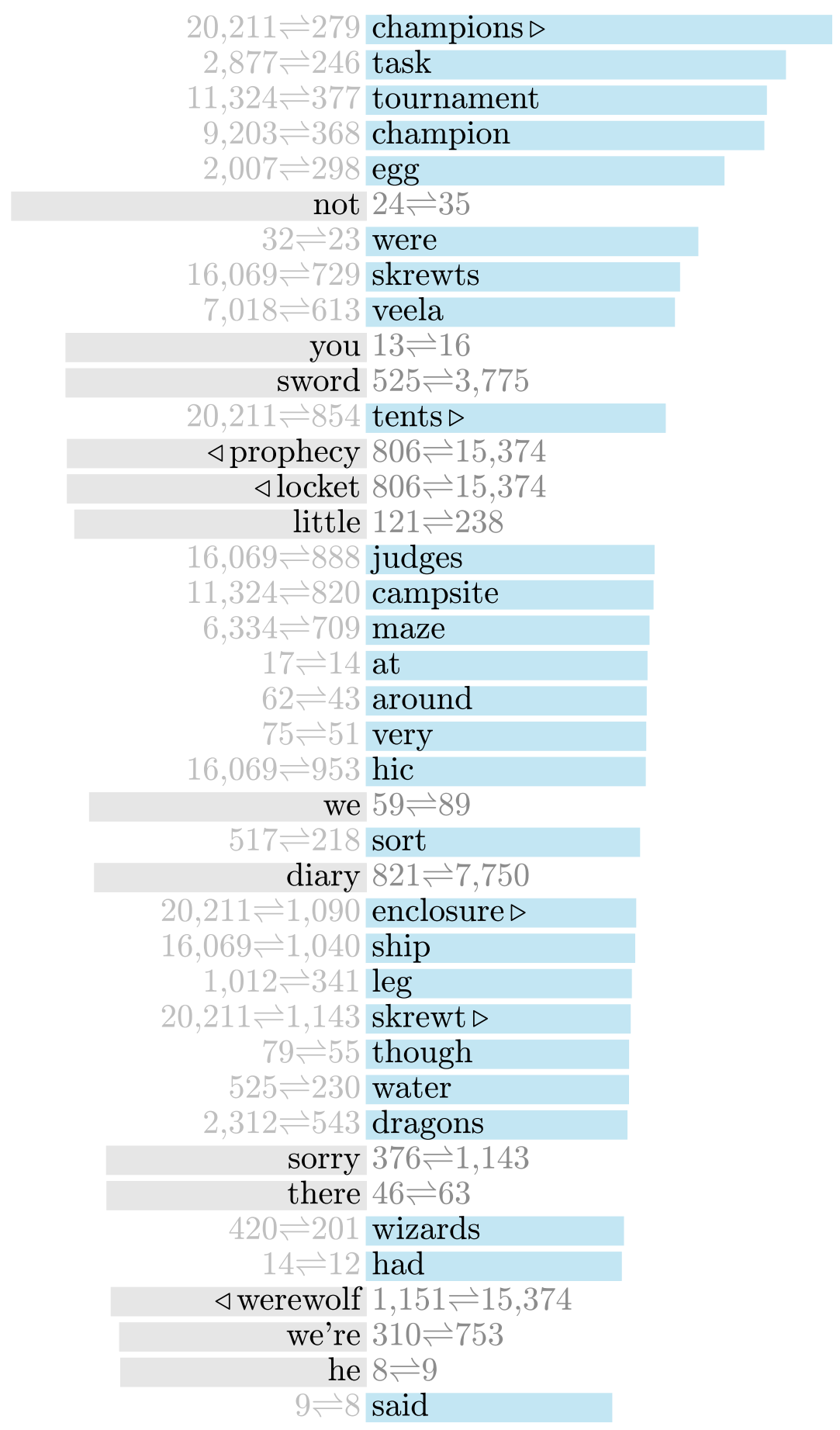
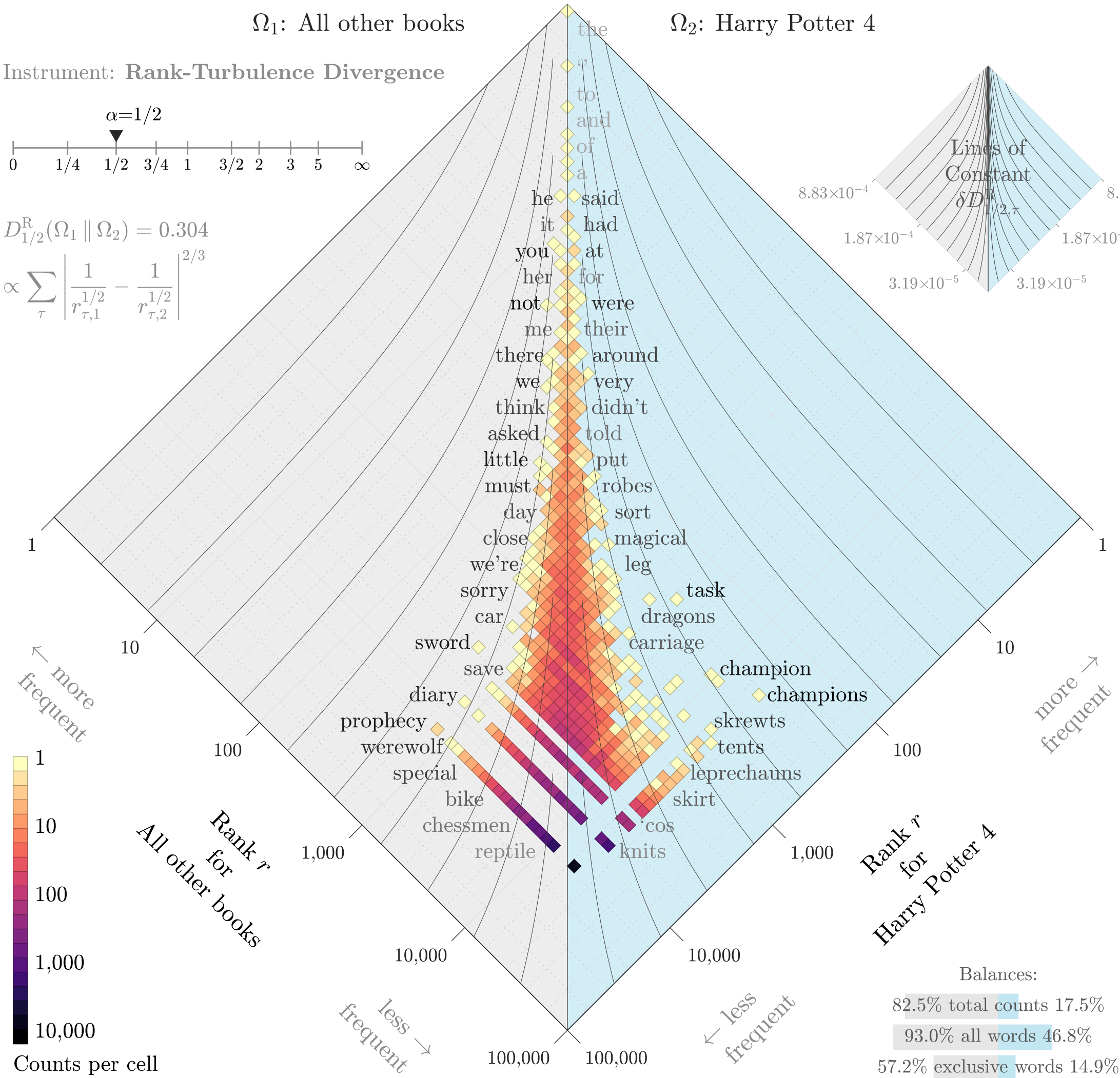
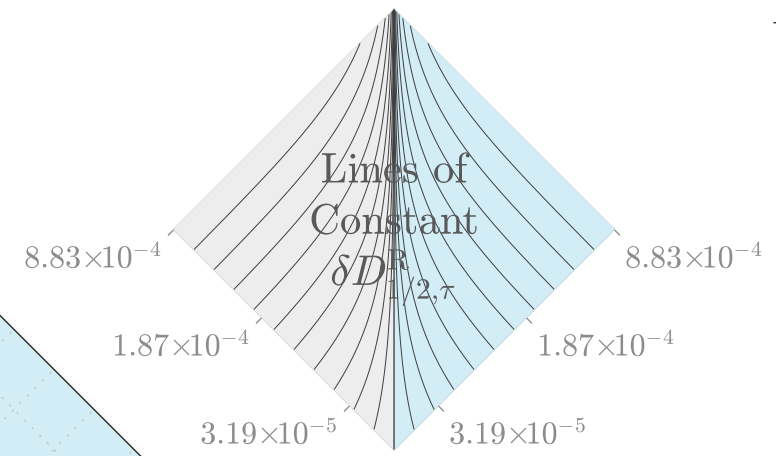


Instrument: Rank-Turbulence Divergence



$D_{1/2}^R(\Omega_1 \parallel \Omega_2) = 0.304$

$\propto \sum_{\tau} \left| \frac{1}{r_{\tau,1}^{1/2}} - \frac{1}{r_{\tau,2}^{1/2}} \right|^{2/3}$



Balances:  
82.5% total counts 17.5%  
93.0% all words 46.8%  
57.2% exclusive words 14.9%

51.2%—48.8%

$\Omega_1$ : All other books

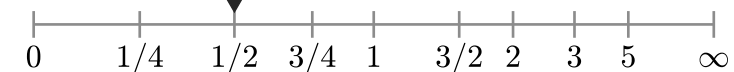
$\Omega_2$ : Harry Potter 5

Divergence contribution  $\delta D_{1/2,\tau}^R$  (%)

0.04 0.03 0.02 0.01 0 0.01 0.02 0.03 0.04

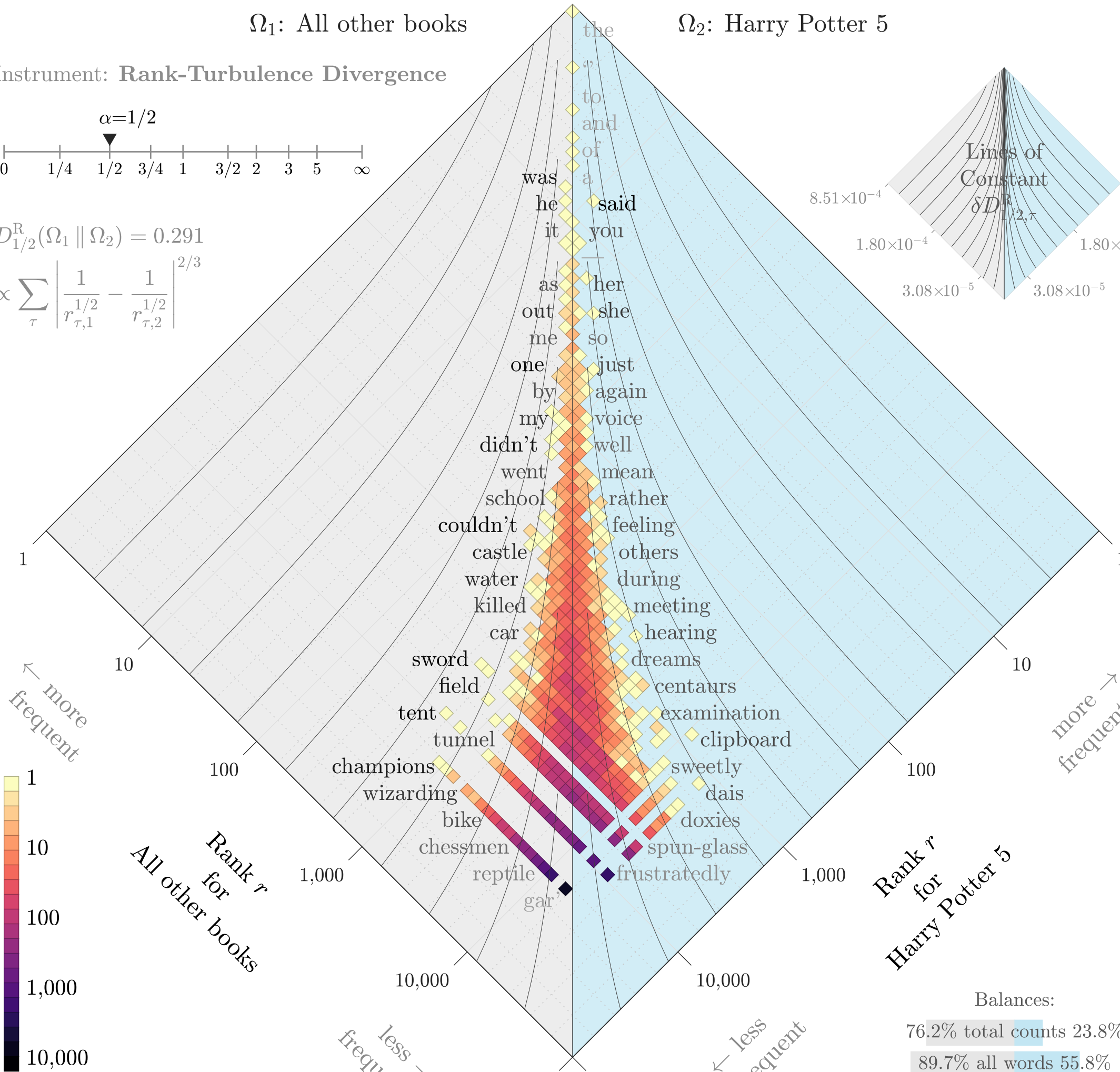
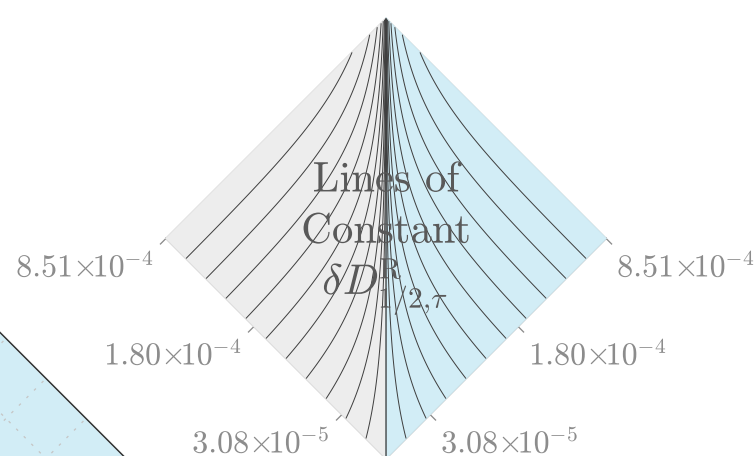
Instrument: Rank-Turbulence Divergence

$\alpha=1/2$



$$D_{1/2}^R(\Omega_1 \parallel \Omega_2) = 0.291$$

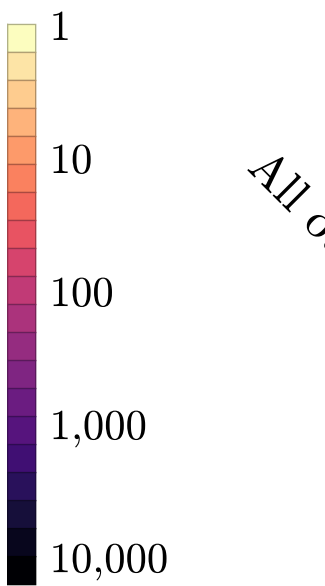
$$\propto \sum_{\tau} \left| \frac{1}{r_{\tau,1}^{1/2}} - \frac{1}{r_{\tau,2}^{1/2}} \right|^{2/3}$$



10	7	said	
36	25	she	
		tent	590
		sword	486
		couldn't	191
		one	48
23	18	her	
		locket	755
		didn't	89
10,846	813	clipboard	
		he'd	212
		was	7
65	45	just	
<	champions	981	16,314
	field	618	3,843
	suddenly	220	532
<	rock	1,018	16,314
1,925	488	hearing	
33	26	from	
14	12	you	
541	241	others	
	bathroom	784	4,701
	wasn't	193	385
	castle	246	543
<	champion	1,233	16,314
66	48	we	
<	vault	1,249	16,314
1,377	447	meeting	
<	tournament	1,266	16,314
19,865	1,336	dais	>
	water	366	974
	feeling	376	194
	he	8	9
7,511	1,019	thestrals	
300	167	rather	
3,864	786	centaurs	
541	263	parchment	
1,219	447	homework	
3,864	835	centaur	
5,443	974	examination	

Balances:  
 76.2% total counts 23.8%  
 89.7% all words 55.8%  
 49.3% exclusive words 18.4%

52.7%—47.3%



Counts per cell

$\Omega_1$ : All other books

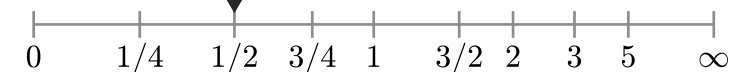
$\Omega_2$ : Harry Potter 6

Divergence contribution  $\delta D_{1/2,\tau}^R$  (%)

0.03 0.02 0.01 0 0.01 0.02 0.03

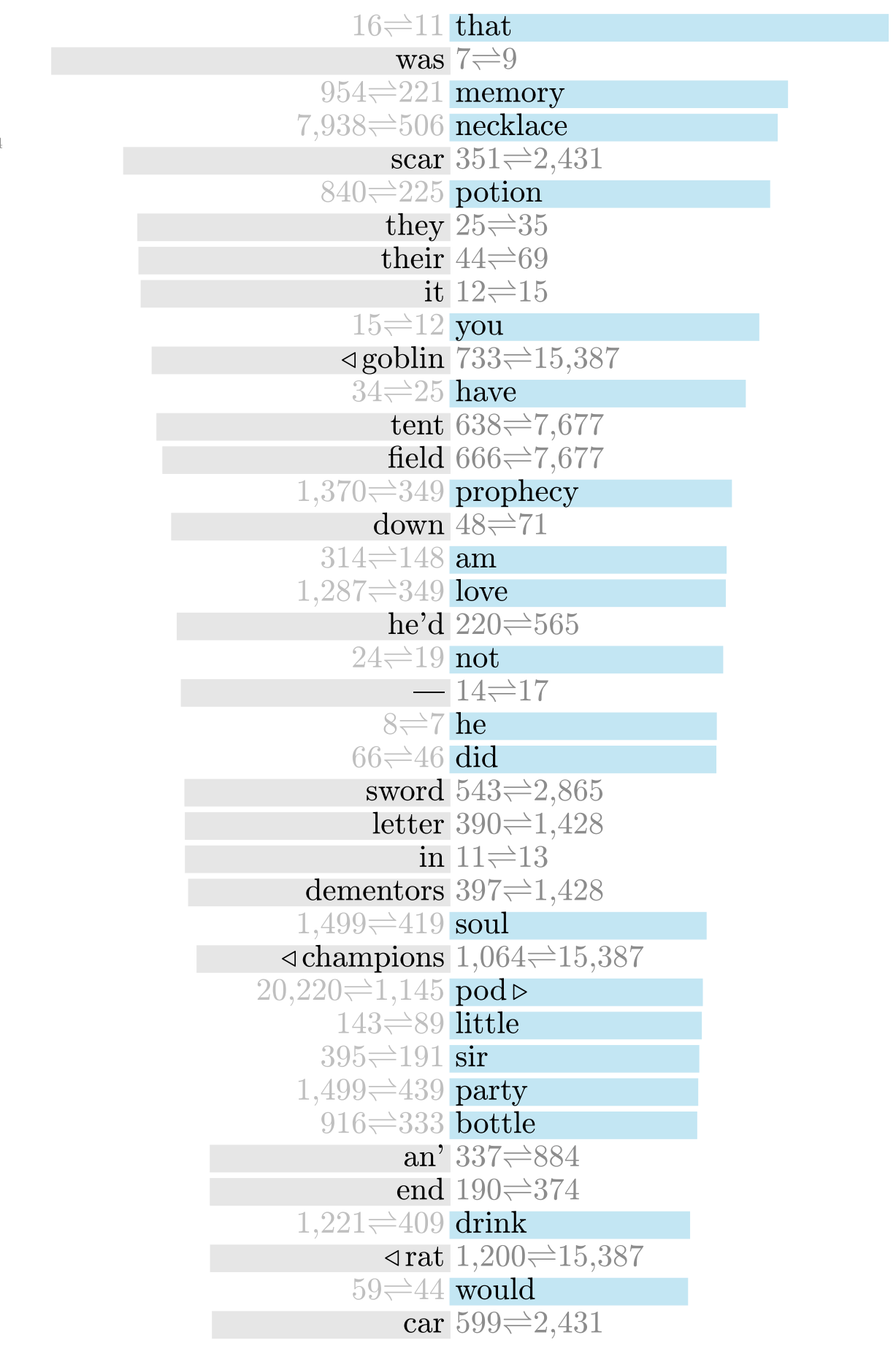
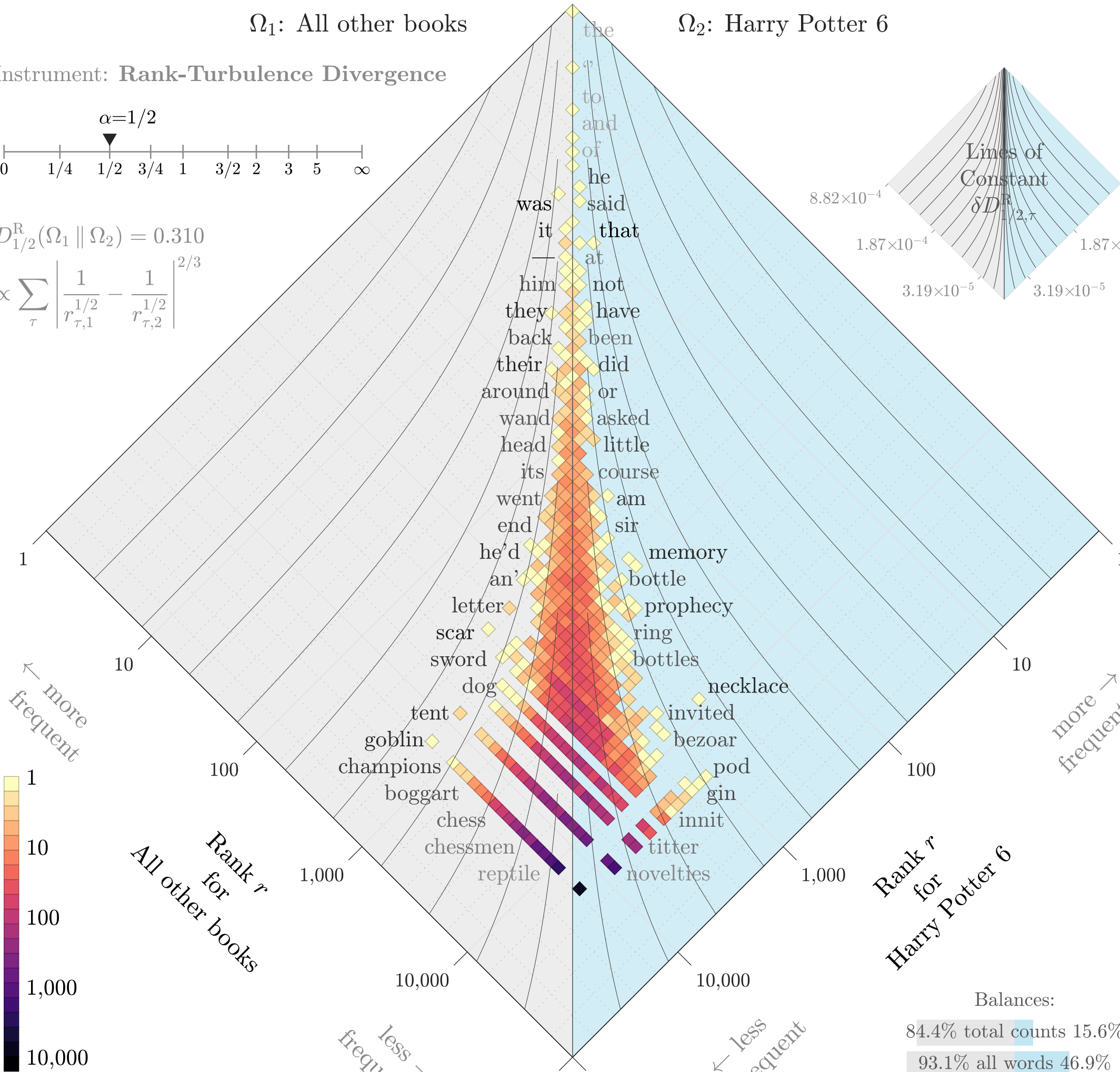
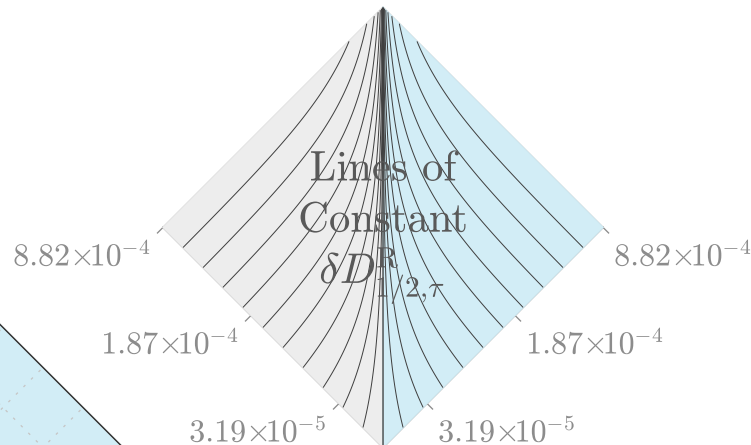
Instrument: Rank-Turbulence Divergence

$\alpha=1/2$



$$D_{1/2}^R(\Omega_1 \parallel \Omega_2) = 0.310$$

$$\propto \sum_{\tau} \left| \frac{1}{r_{\tau,1}^{1/2}} - \frac{1}{r_{\tau,2}^{1/2}} \right|^{2/3}$$



Balances:  
84.4% total counts 15.6%  
93.1% all words 46.9%  
57.0% exclusive words 14.7%

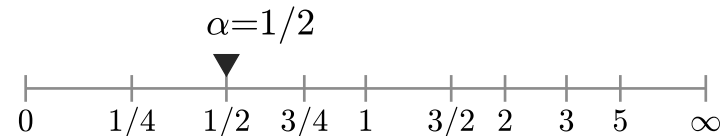


$\Omega_1$ : All other books

$\Omega_2$ : Harry Potter 7

Divergence contribution  $\delta D_{1/2,\tau}^R$  (%)

Instrument: Rank-Turbulence Divergence



$$D_{1/2}^R(\Omega_1 \parallel \Omega_2) = 0.308$$

$$\propto \sum_{\tau} \left| \frac{1}{r_{\tau,1}^{1/2}} - \frac{1}{r_{\tau,2}^{1/2}} \right|^{2/3}$$

