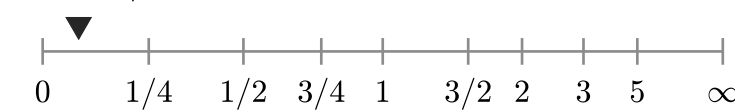


Divergence contribution $\delta D_{0,\tau}^P$ ($\times 10^{-3}\%$)		
1	0.5	0
	0.5	1
78,469.5 \Rightarrow 20.5	in the room▷	
78,469.5 \Rightarrow 59.5	in the same▷	
78,469.5 \Rightarrow 59.5	said Miss Bingley▷	
78,469.5 \Rightarrow 82.5	of Lady Catherine▷	
62.5 \Rightarrow 78,320	ought not to	
62.5 \Rightarrow 78,320	a letter from	
78,469.5 \Rightarrow 109.5	for me to▷	
78,469.5 \Rightarrow 154	said Bennet and▷	
78,469.5 \Rightarrow 154	glad to see▷	
78,469.5 \Rightarrow 154	a second time▷	
78,469.5 \Rightarrow 154	that you are▷	
78,469.5 \Rightarrow 154	Sir William and▷	
78,469.5 \Rightarrow 154	I am convinced▷	
78,469.5 \Rightarrow 154	am convinced that▷	
78,469.5 \Rightarrow 154	that it is▷	
78,469.5 \Rightarrow 154	he must be▷	
128.5 \Rightarrow 78,320	go to Brighton	
128.5 \Rightarrow 78,320	each of them	
128.5 \Rightarrow 78,320	what is to	
128.5 \Rightarrow 78,320	of her sister	
78,469.5 \Rightarrow 237.5	he had never▷	
78,469.5 \Rightarrow 237.5	You will not▷	
78,469.5 \Rightarrow 237.5	for I have▷	
78,469.5 \Rightarrow 237.5	a mixture of▷	
78,469.5 \Rightarrow 237.5	to dance with▷	
78,469.5 \Rightarrow 237.5	he had a▷	
78,469.5 \Rightarrow 237.5	the compliment of▷	
78,469.5 \Rightarrow 237.5	nothing to do▷	
78,469.5 \Rightarrow 237.5	so fortunate as▷	
78,469.5 \Rightarrow 237.5	give me leave▷	
78,469.5 \Rightarrow 237.5	at the Parsonage▷	
78,469.5 \Rightarrow 237.5	me leave to▷	
78,469.5 \Rightarrow 237.5	I should think▷	
78,469.5 \Rightarrow 237.5	how can you▷	
78,469.5 \Rightarrow 237.5	she was very▷	
78,469.5 \Rightarrow 237.5	in all this▷	
78,469.5 \Rightarrow 237.5	nothing to say▷	
78,469.5 \Rightarrow 237.5	be in the▷	
78,469.5 \Rightarrow 237.5	Miss Bingley I▷	
200 \Rightarrow 78,320	what has been	
50.2%—49.8%		

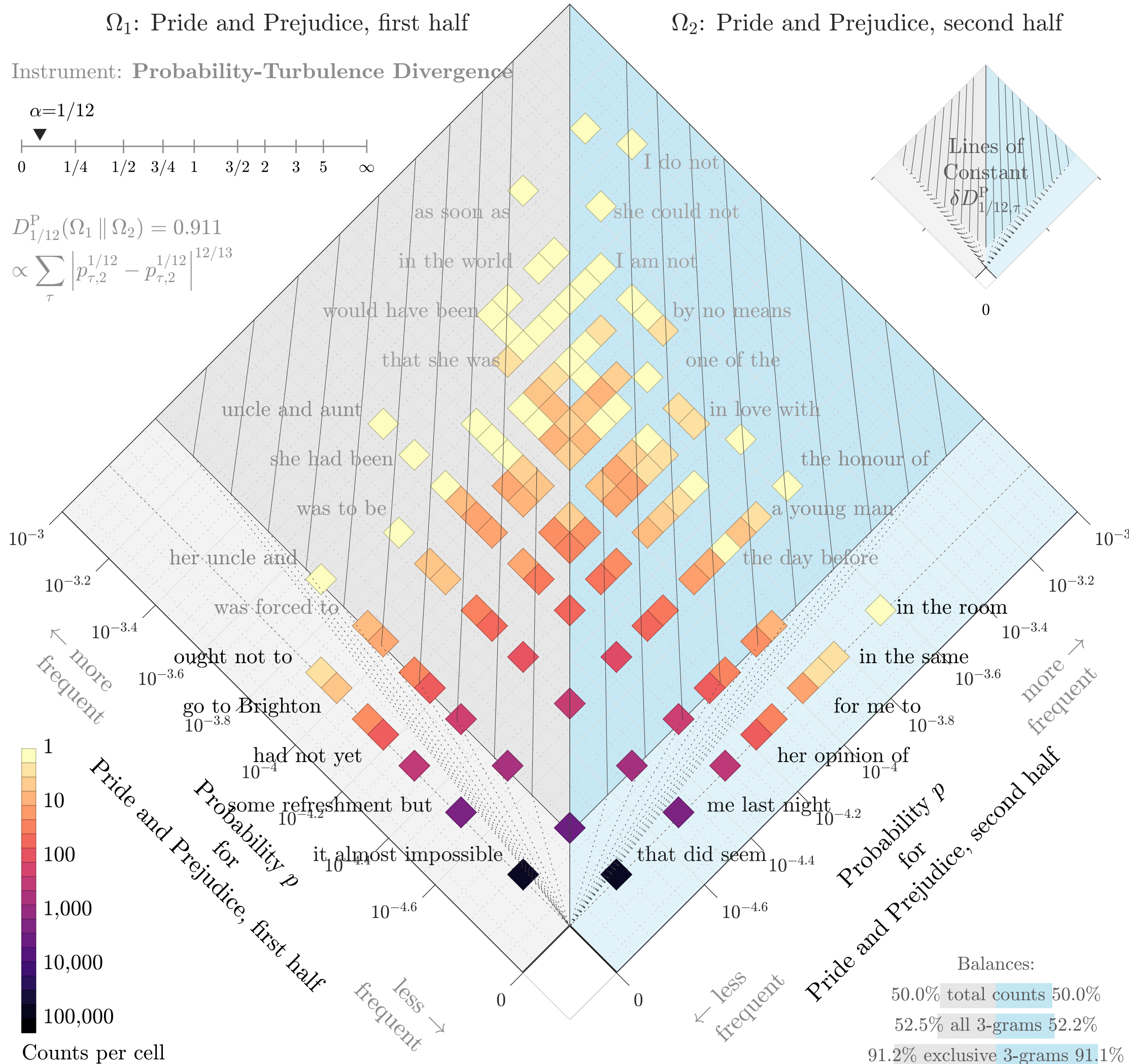
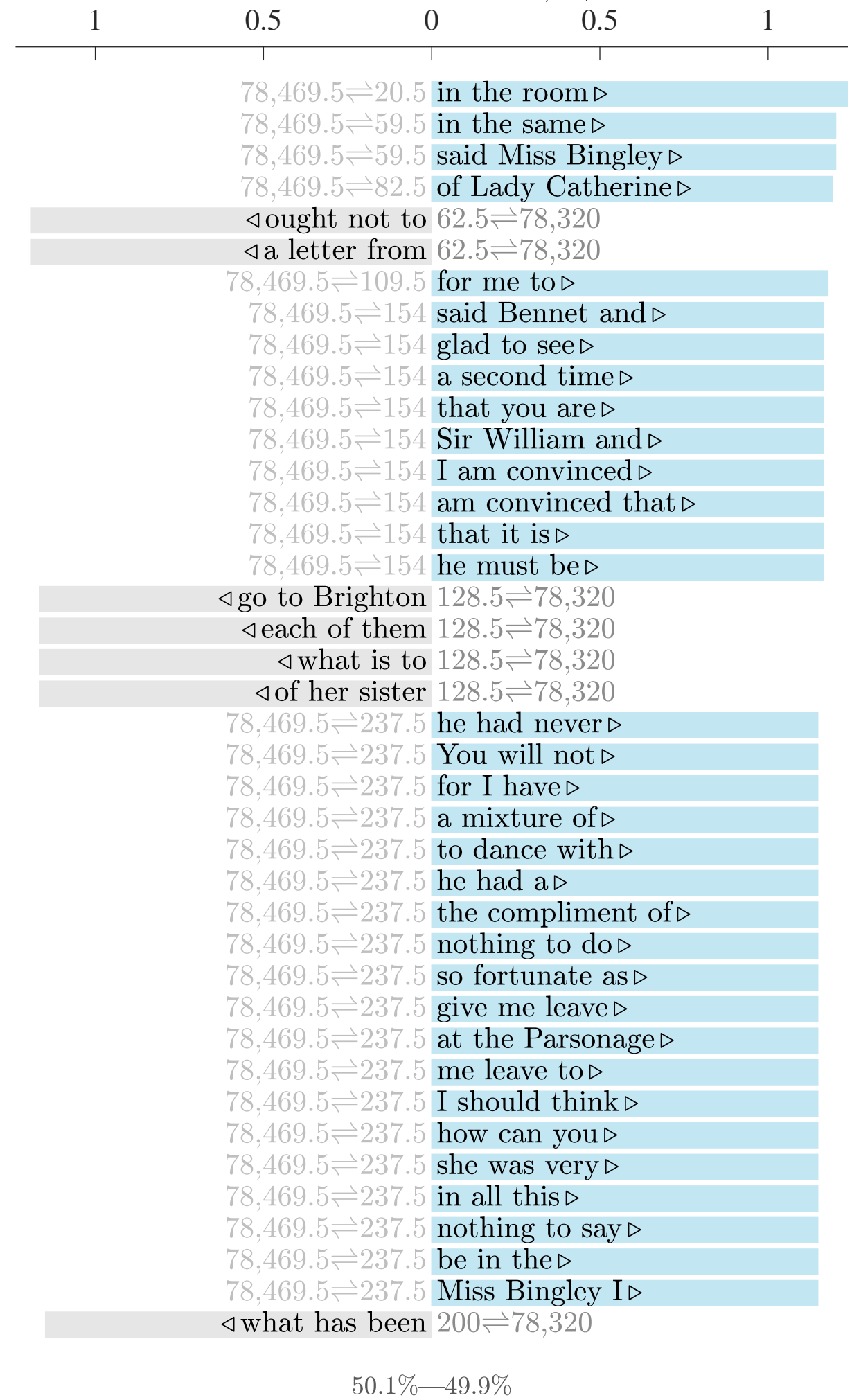
Ω_1 : Pride and Prejudice, first half

Ω_2 : Pride and Prejudice, second half

Instrument: ~~Probability-Turbulence Divergence~~ $\alpha=1/12$ 

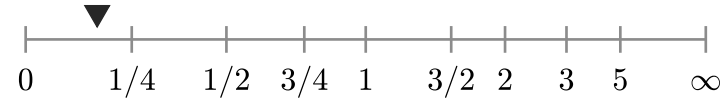
$$D_{1/12}^{\text{P}}(\Omega_1 \parallel \Omega_2) = 0.911$$

$$\propto \sum_{\tau} \left| p_{\tau,2}^{1/12} - p_{\tau,2}^{1/12} \right|^{12/13}$$

Divergence contribution $\delta D_{1/12,\tau}^{\text{P}}$ ($\times 10^{-3}\%$)


Ω_1 : Pride and Prejudice, first half

 Ω_2 : Pride and Prejudice, second half

Divergence contribution $\delta D_{1/6,\tau}^{\text{P}}$ ($\times 10^{-3}\%$)Instrument: ~~Probability-Turbulence Divergence~~ $\alpha=1/6$ 

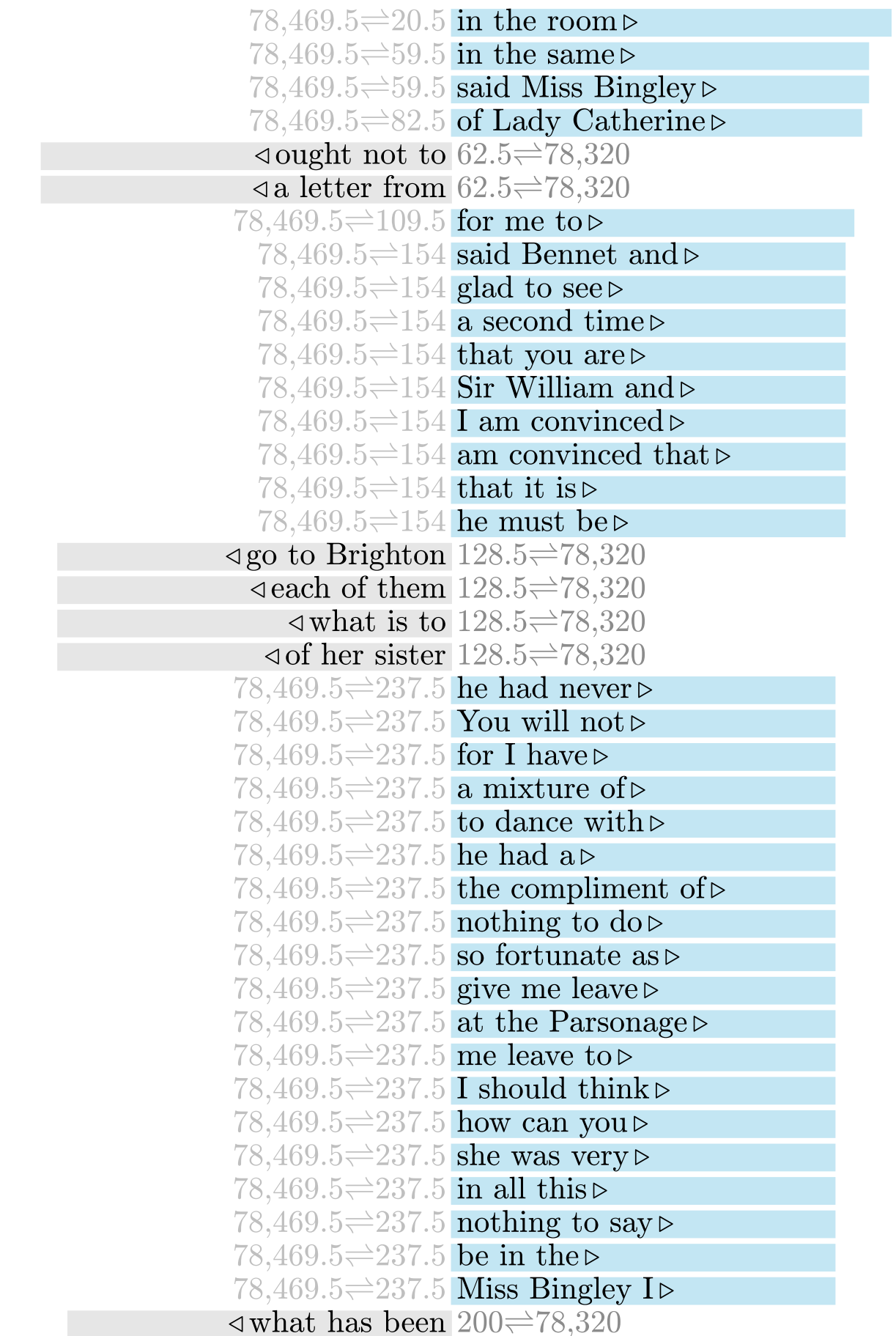
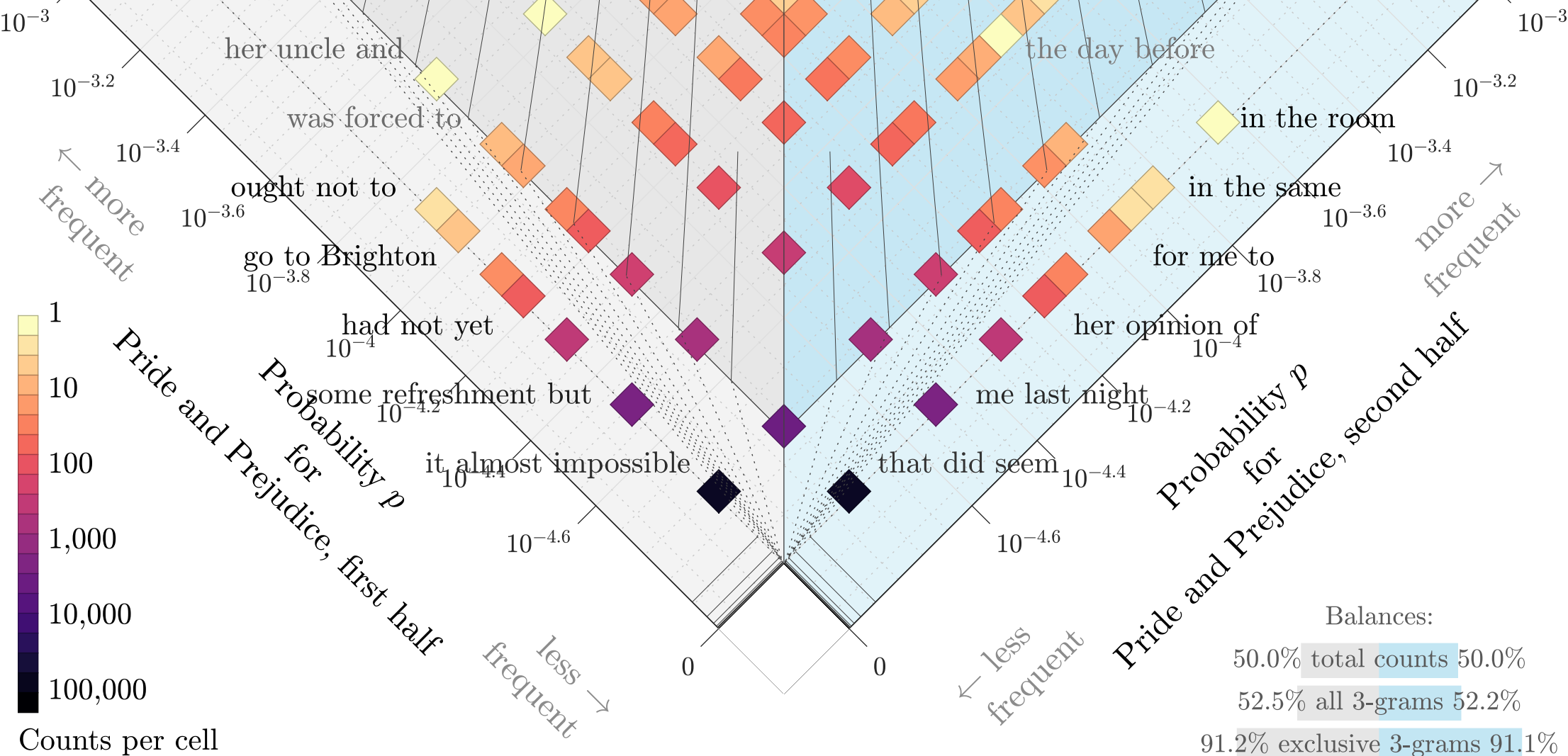
$$D_{1/6}^{\text{P}}(\Omega_1 \parallel \Omega_2) = 0.911$$

$$\propto \sum_{\tau} \left| p_{\tau,2}^{1/6} - p_{\tau,2}^{1/6} \right|$$

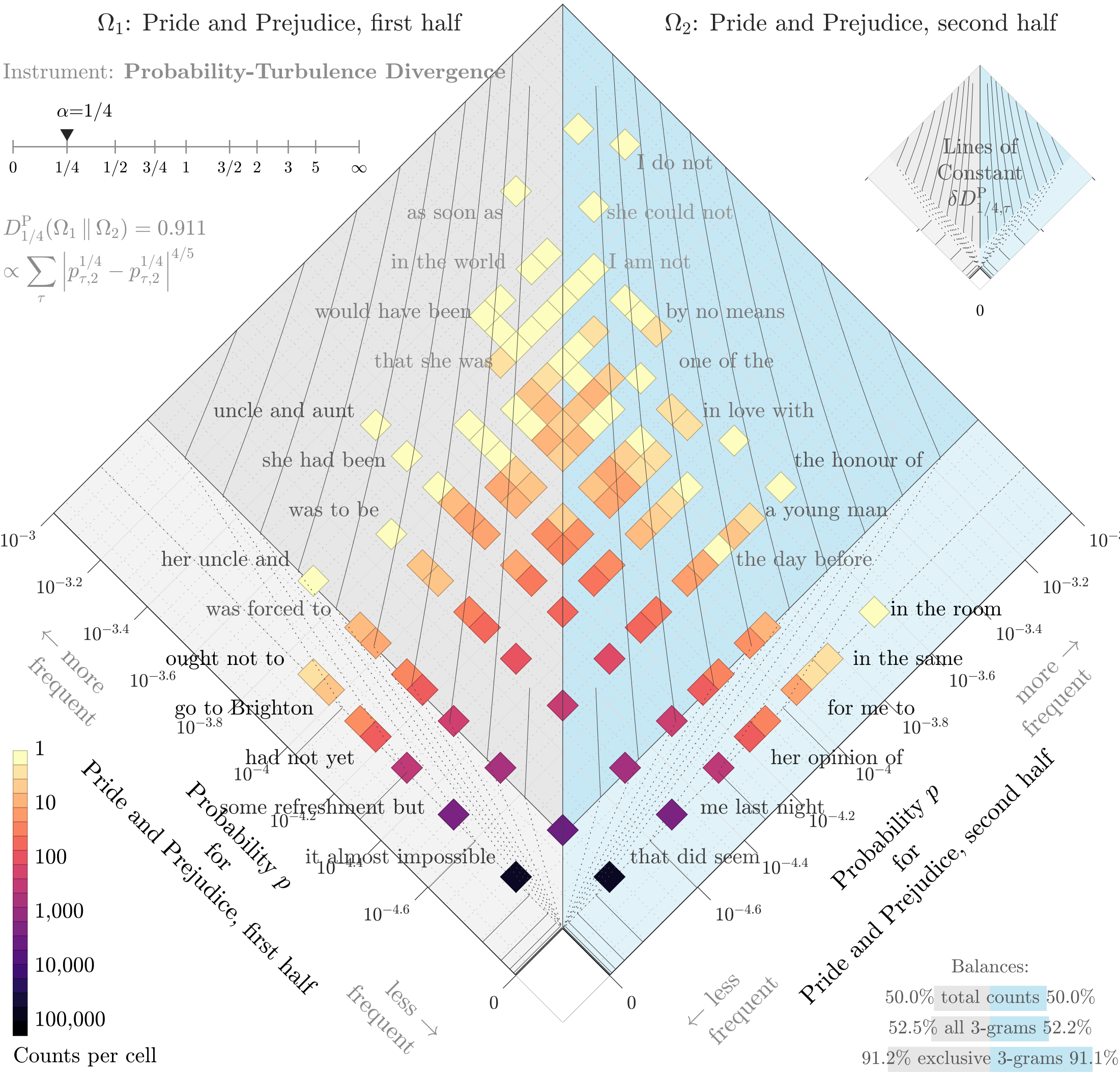


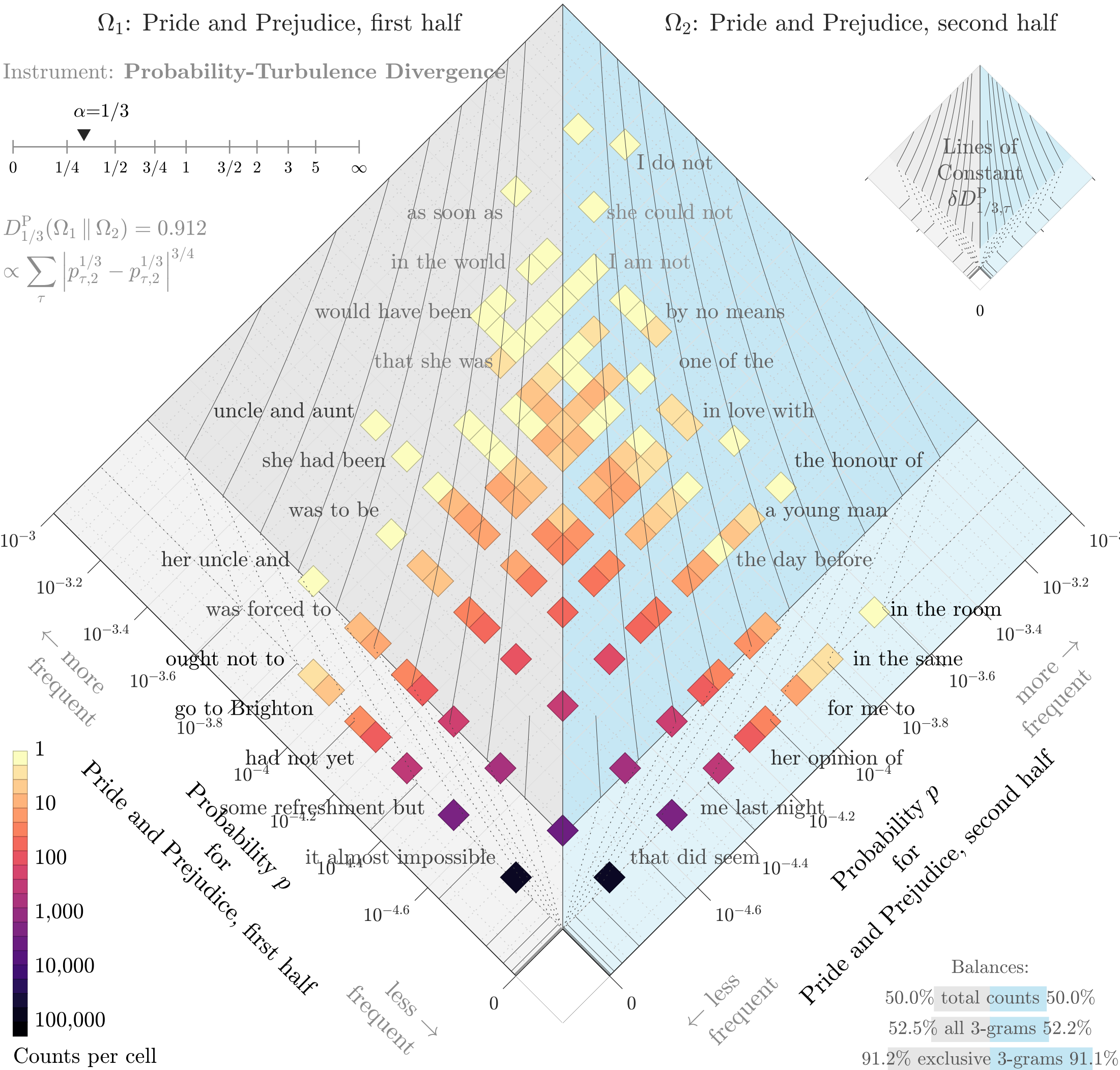
Lines of
Constant

0

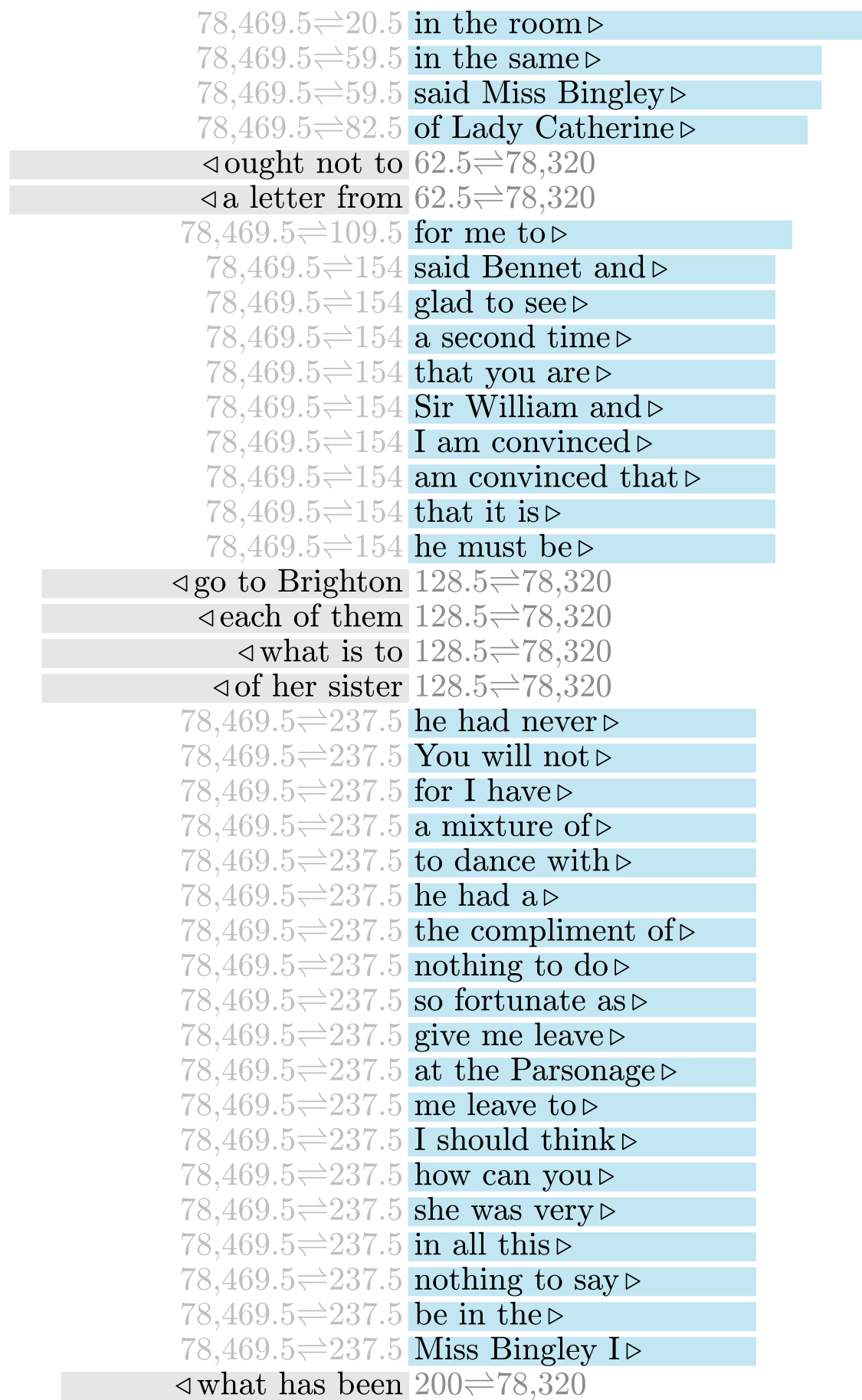
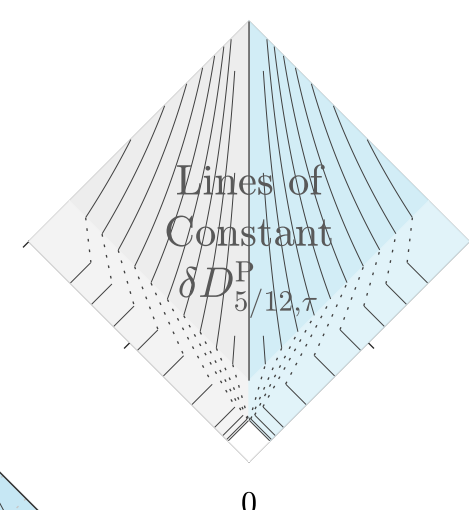
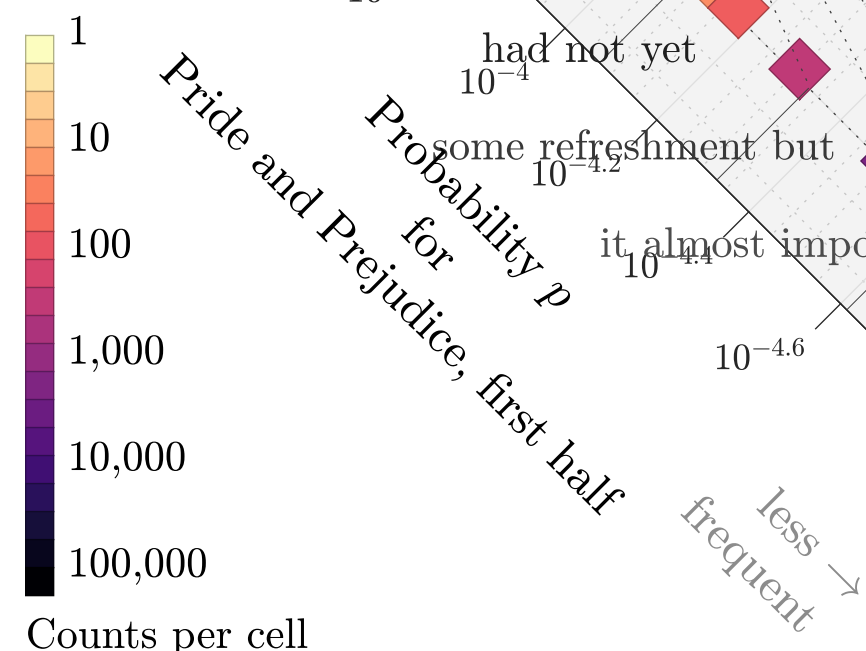


50.1%—49.9%

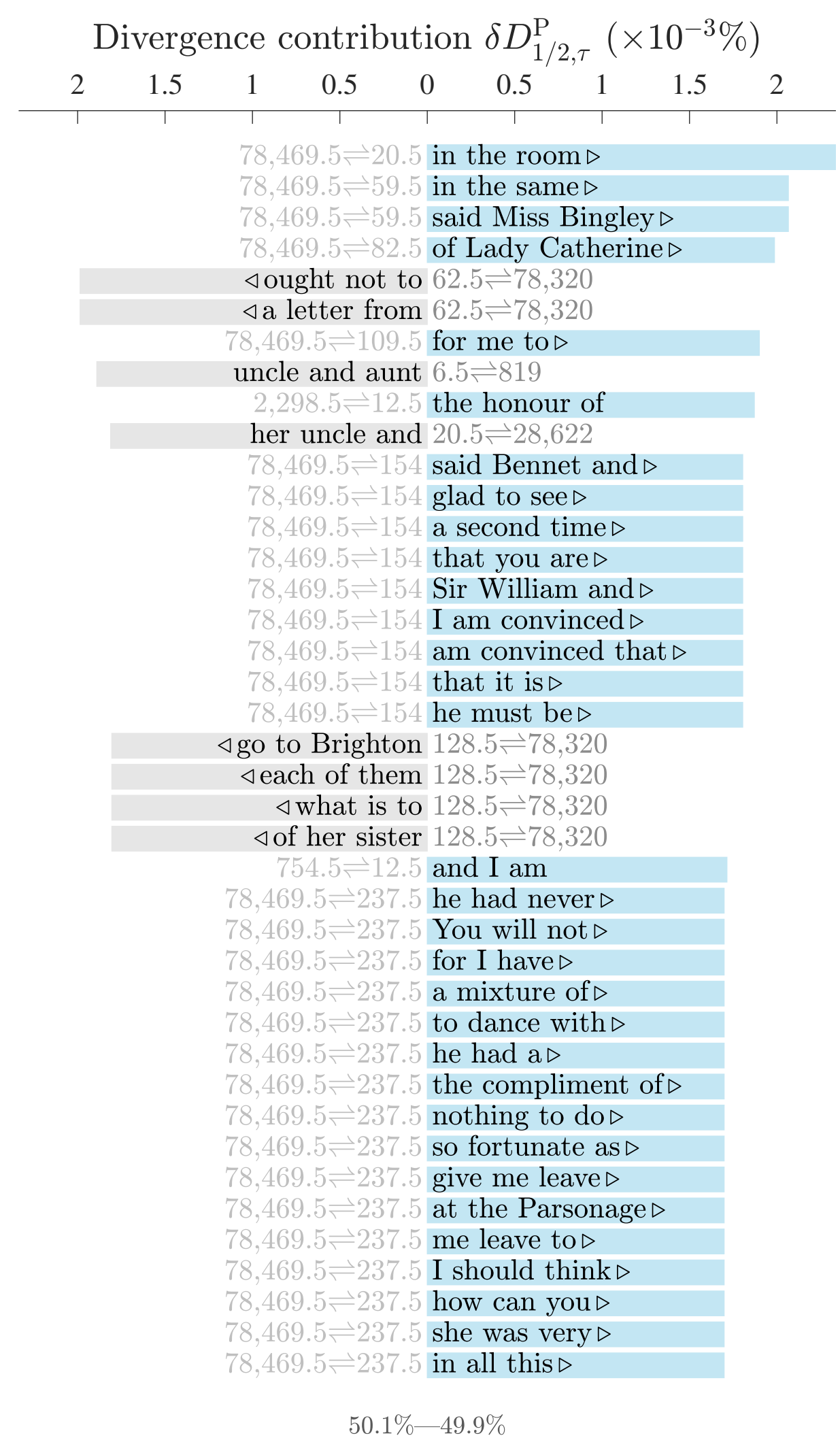
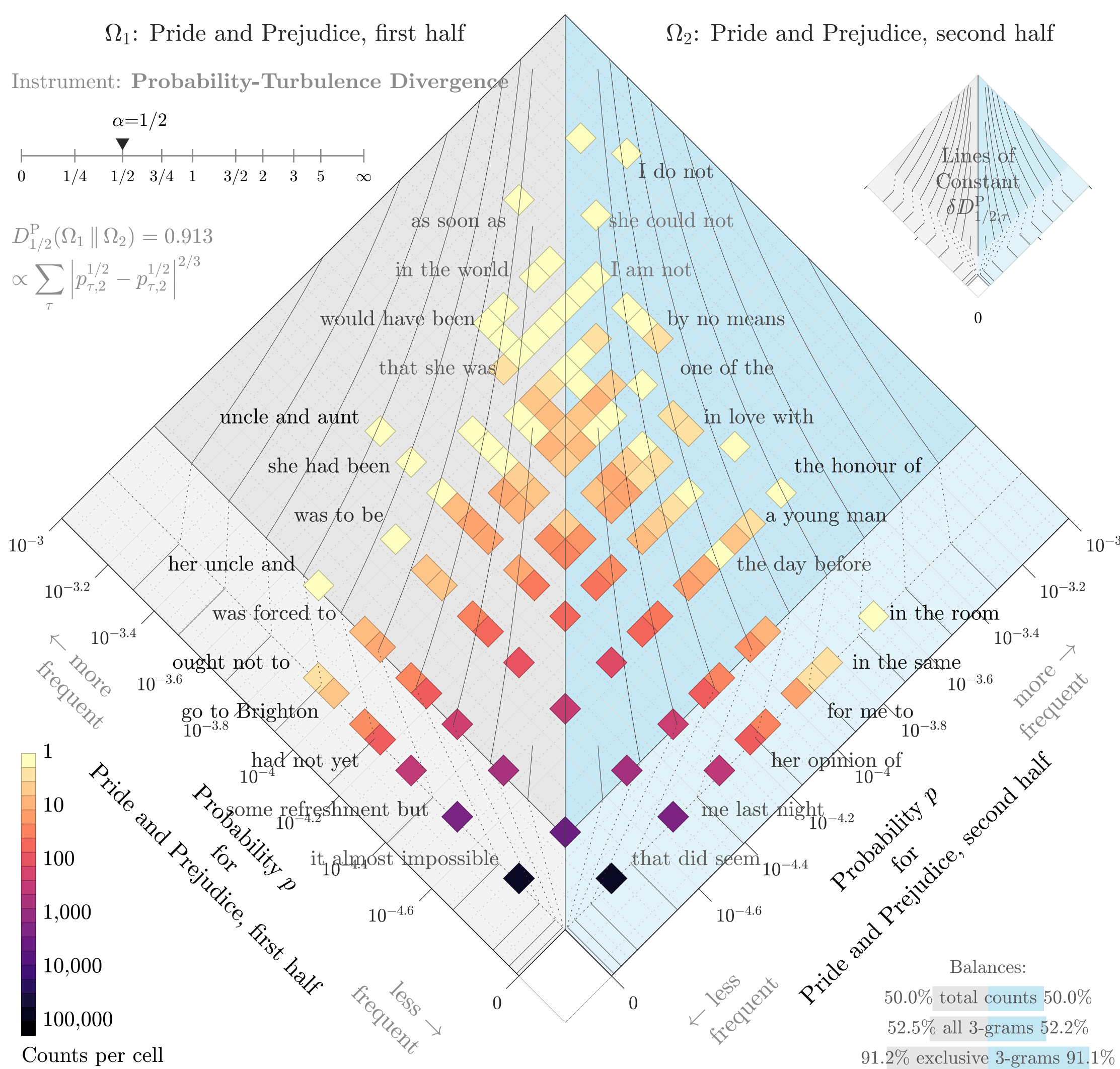


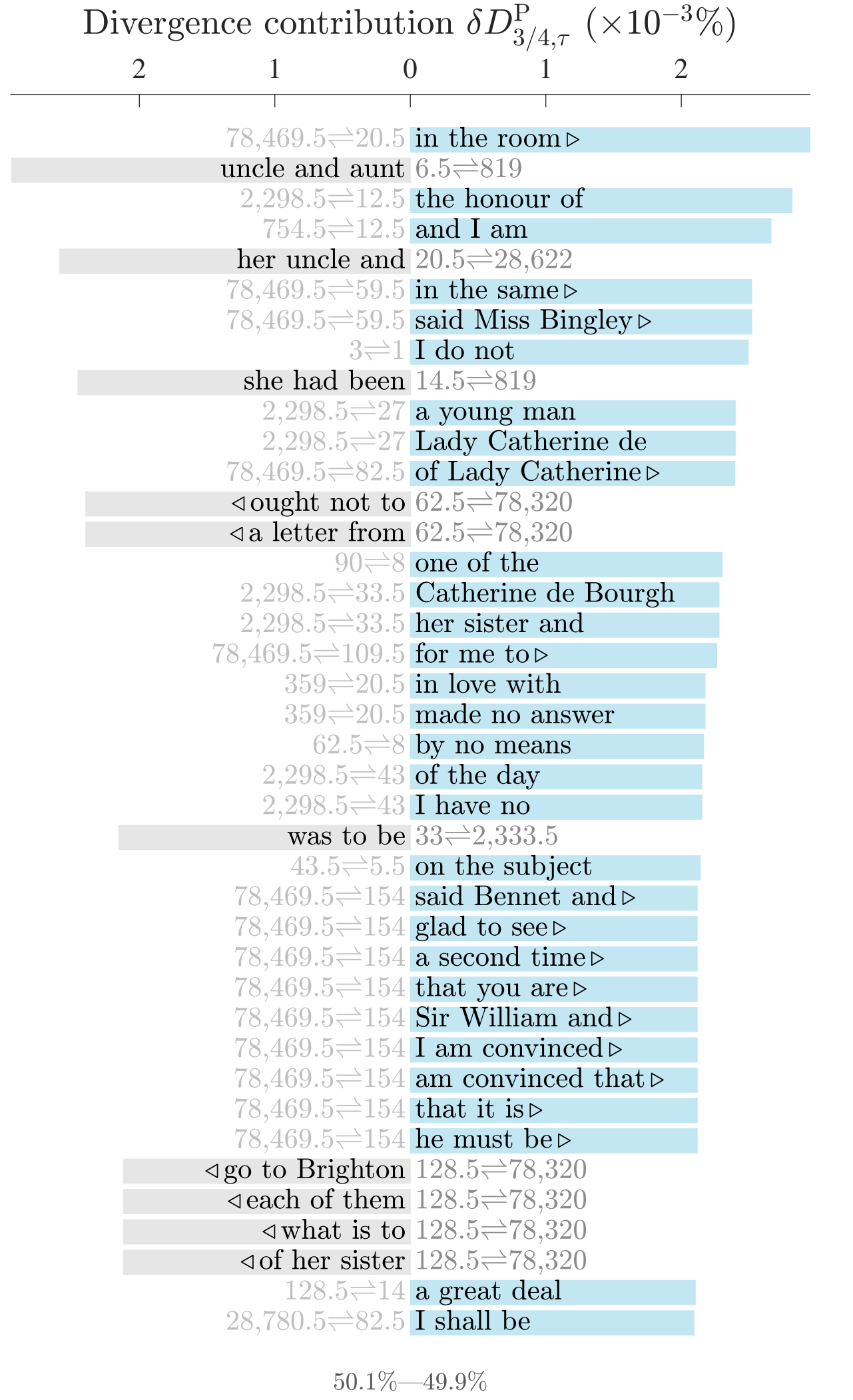
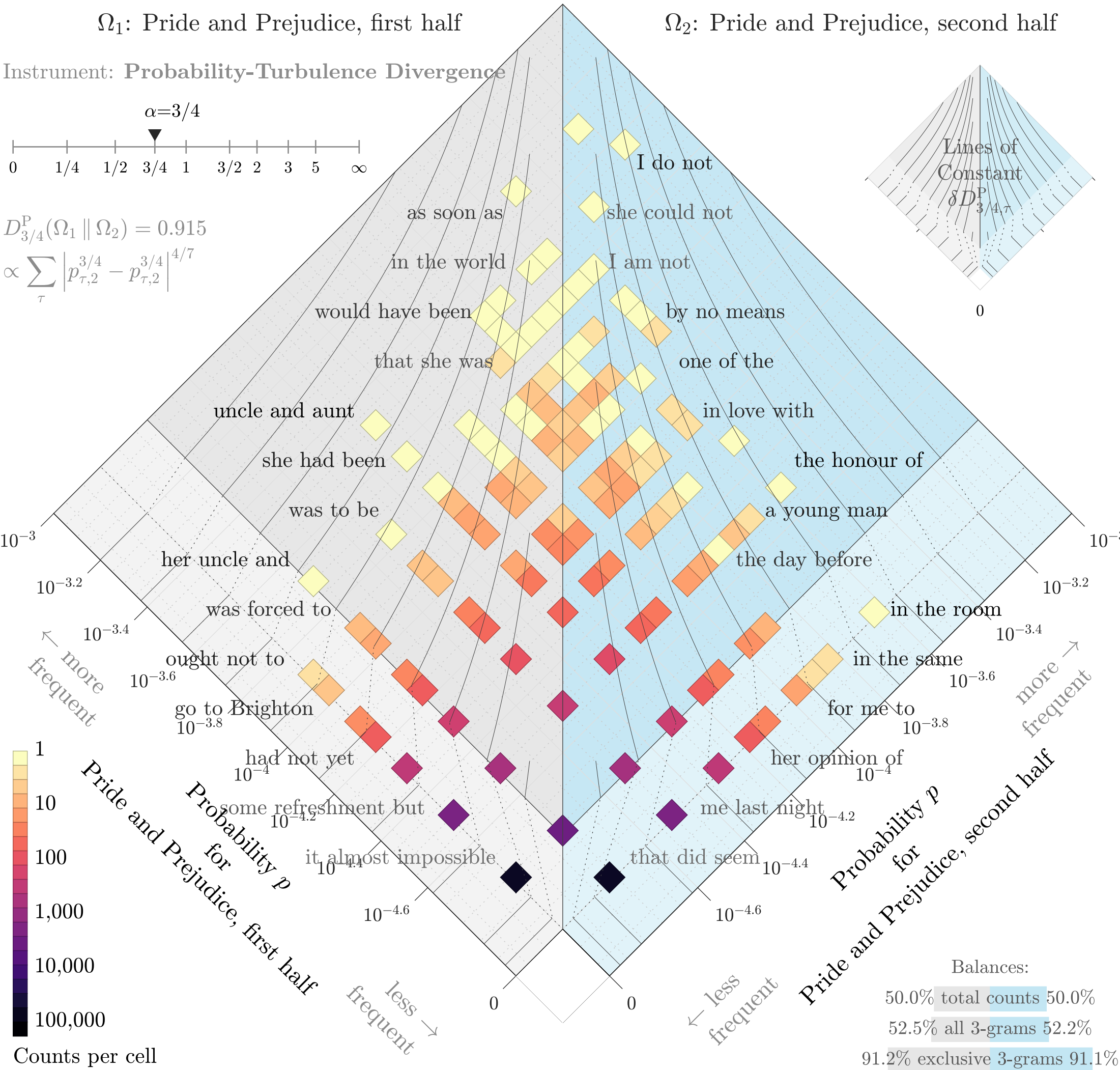


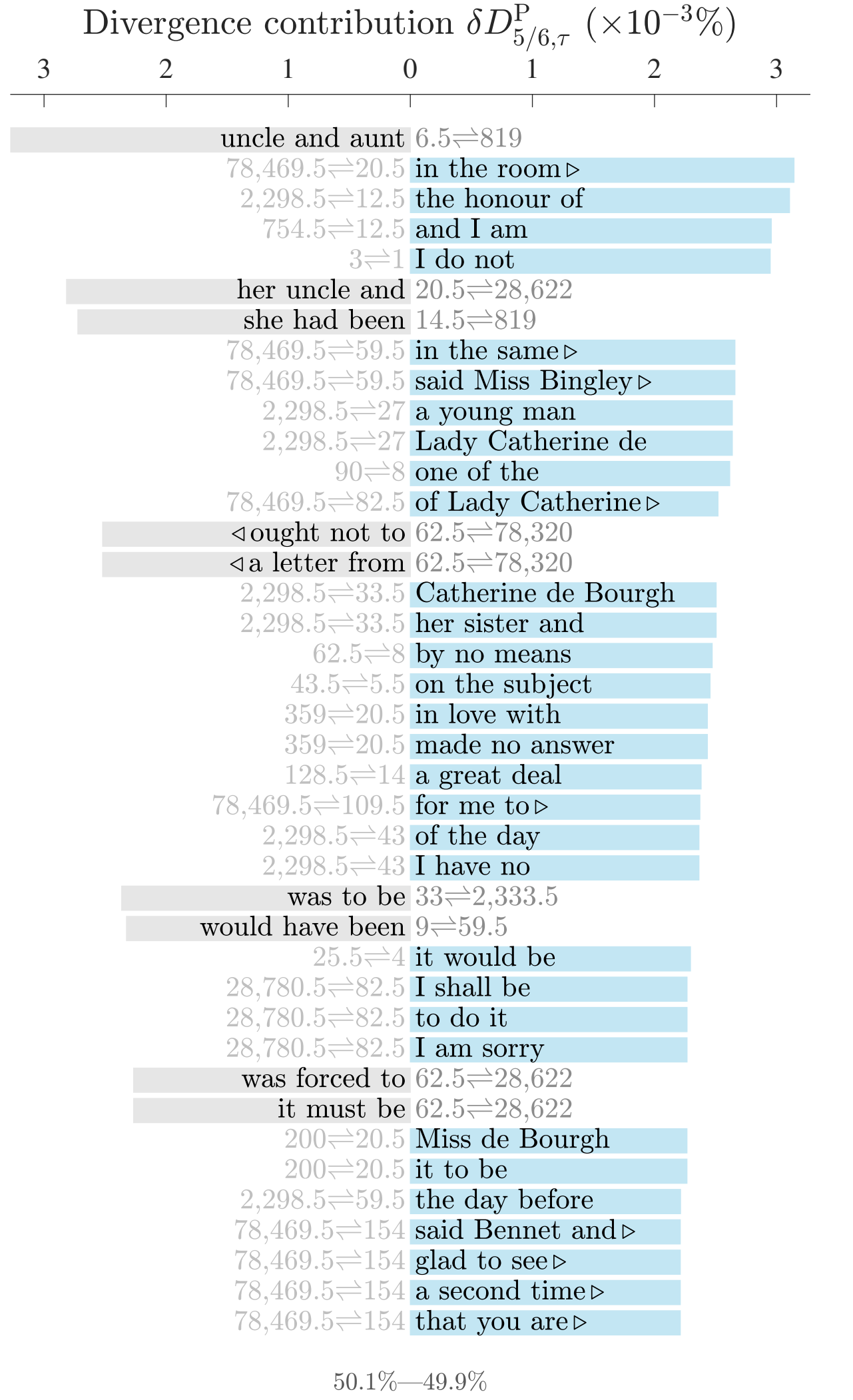
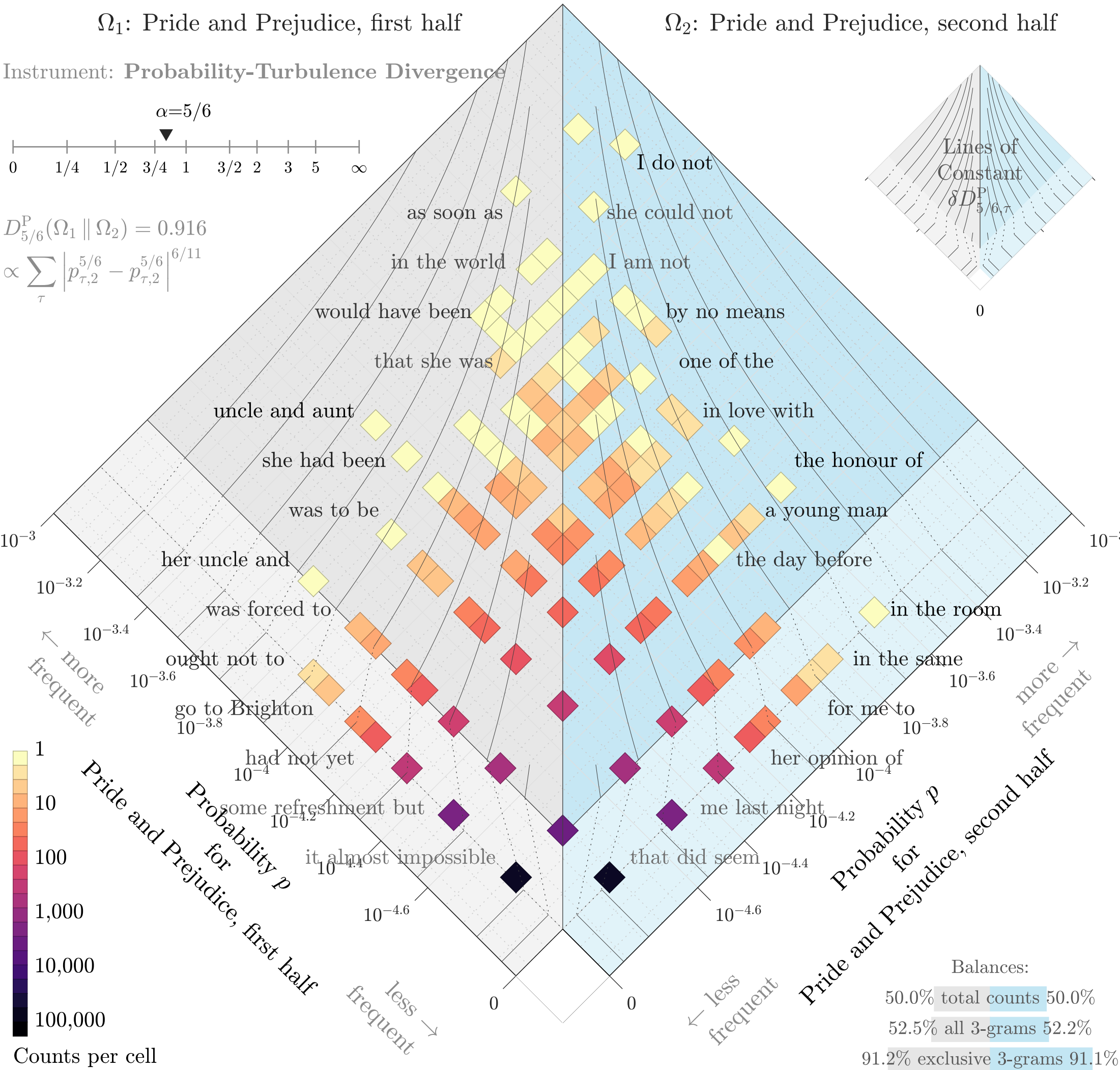
Divergence contribution $\delta D_{1/3,\tau}^P (\times 10^{-3}\%)$		
1.5	1	0.5
78,469.5 \Rightarrow 20.5	in the room \triangleright	
78,469.5 \Rightarrow 59.5	in the same \triangleright	
78,469.5 \Rightarrow 59.5	said Miss Bingley \triangleright	
78,469.5 \Rightarrow 82.5	of Lady Catherine \triangleright	
\triangleleft ought not to	62.5 \Rightarrow 78,320	
\triangleleft a letter from	62.5 \Rightarrow 78,320	
78,469.5 \Rightarrow 109.5	for me to \triangleright	
78,469.5 \Rightarrow 154	said Bennet and \triangleright	
78,469.5 \Rightarrow 154	glad to see \triangleright	
78,469.5 \Rightarrow 154	a second time \triangleright	
78,469.5 \Rightarrow 154	that you are \triangleright	
78,469.5 \Rightarrow 154	Sir William and \triangleright	
78,469.5 \Rightarrow 154	I am convinced \triangleright	
78,469.5 \Rightarrow 154	am convinced that \triangleright	
78,469.5 \Rightarrow 154	that it is \triangleright	
78,469.5 \Rightarrow 154	he must be \triangleright	
\triangleleft go to Brighton	128.5 \Rightarrow 78,320	
\triangleleft each of them	128.5 \Rightarrow 78,320	
\triangleleft what is to	128.5 \Rightarrow 78,320	
\triangleleft of her sister	128.5 \Rightarrow 78,320	
78,469.5 \Rightarrow 237.5	he had never \triangleright	
78,469.5 \Rightarrow 237.5	You will not \triangleright	
78,469.5 \Rightarrow 237.5	for I have \triangleright	
78,469.5 \Rightarrow 237.5	a mixture of \triangleright	
78,469.5 \Rightarrow 237.5	to dance with \triangleright	
78,469.5 \Rightarrow 237.5	he had a \triangleright	
78,469.5 \Rightarrow 237.5	the compliment of \triangleright	
78,469.5 \Rightarrow 237.5	nothing to do \triangleright	
78,469.5 \Rightarrow 237.5	so fortunate as \triangleright	
78,469.5 \Rightarrow 237.5	give me leave \triangleright	
78,469.5 \Rightarrow 237.5	at the Parsonage \triangleright	
78,469.5 \Rightarrow 237.5	me leave to \triangleright	
78,469.5 \Rightarrow 237.5	I should think \triangleright	
78,469.5 \Rightarrow 237.5	how can you \triangleright	
78,469.5 \Rightarrow 237.5	she was very \triangleright	
78,469.5 \Rightarrow 237.5	in all this \triangleright	
78,469.5 \Rightarrow 237.5	nothing to say \triangleright	
78,469.5 \Rightarrow 237.5	be in the \triangleright	
78,469.5 \Rightarrow 237.5	Miss Bingley I \triangleright	
\triangleleft what has been	200 \Rightarrow 78,320	
50.1%—49.9%		

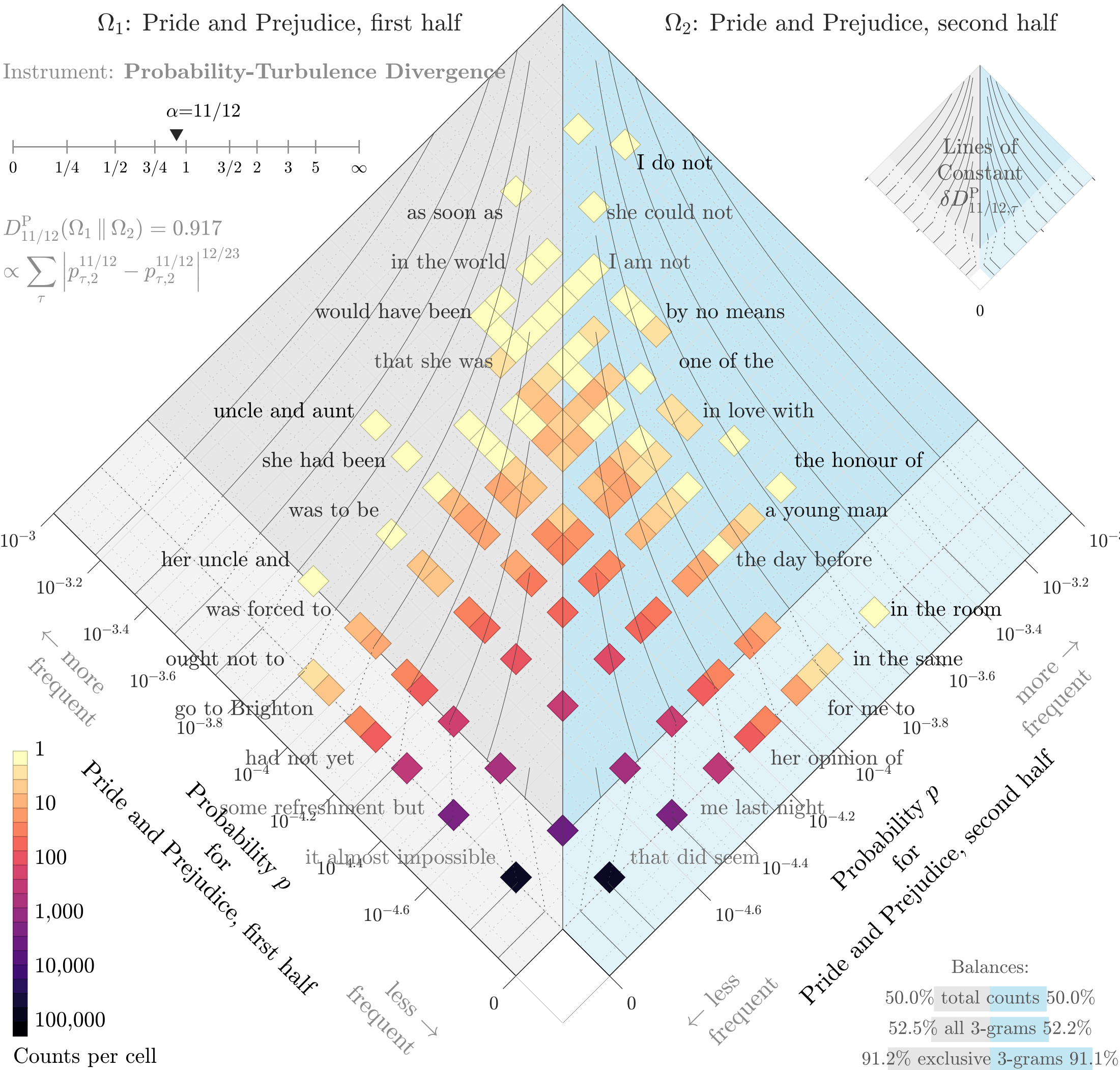


50.1%—49.9%





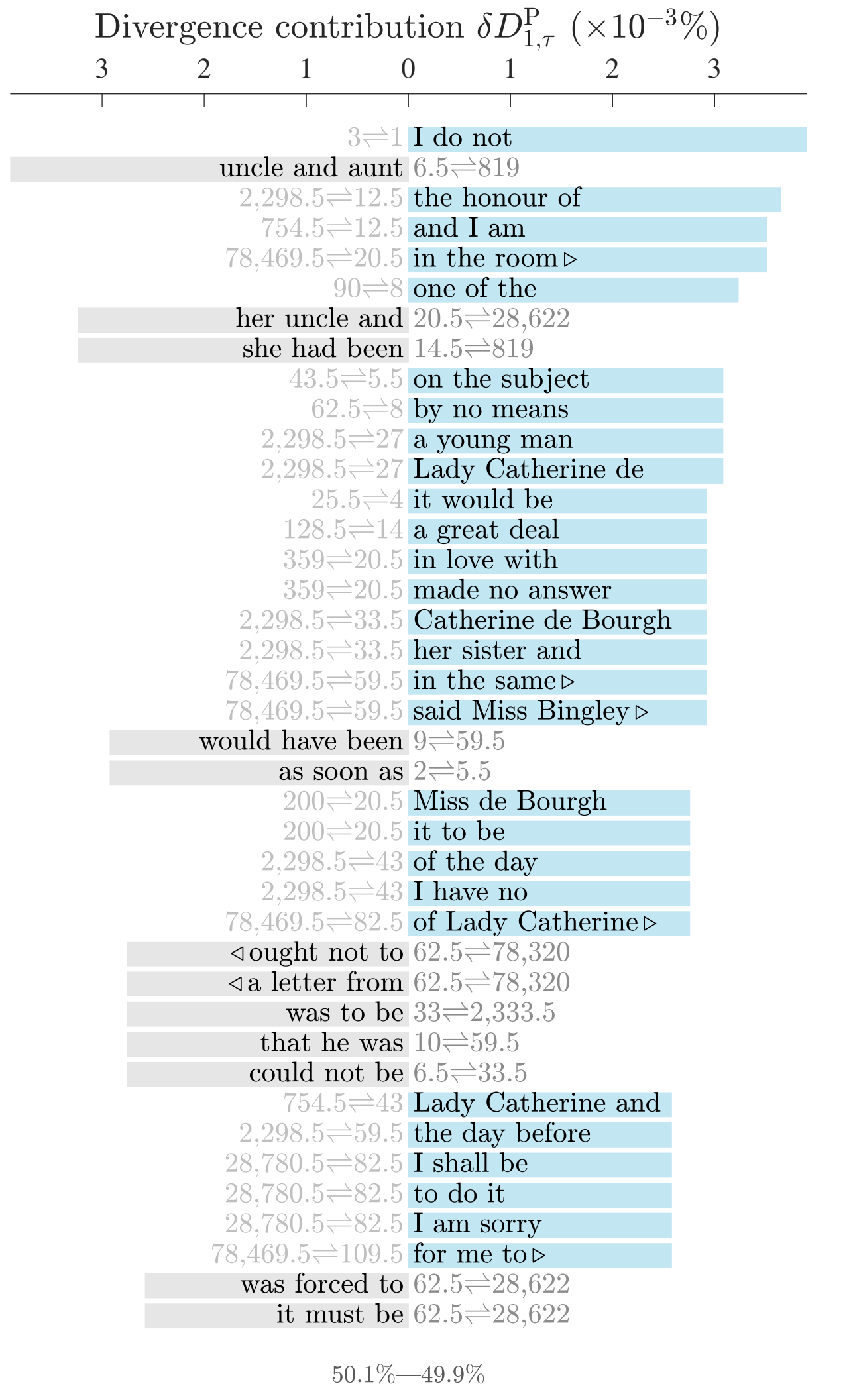
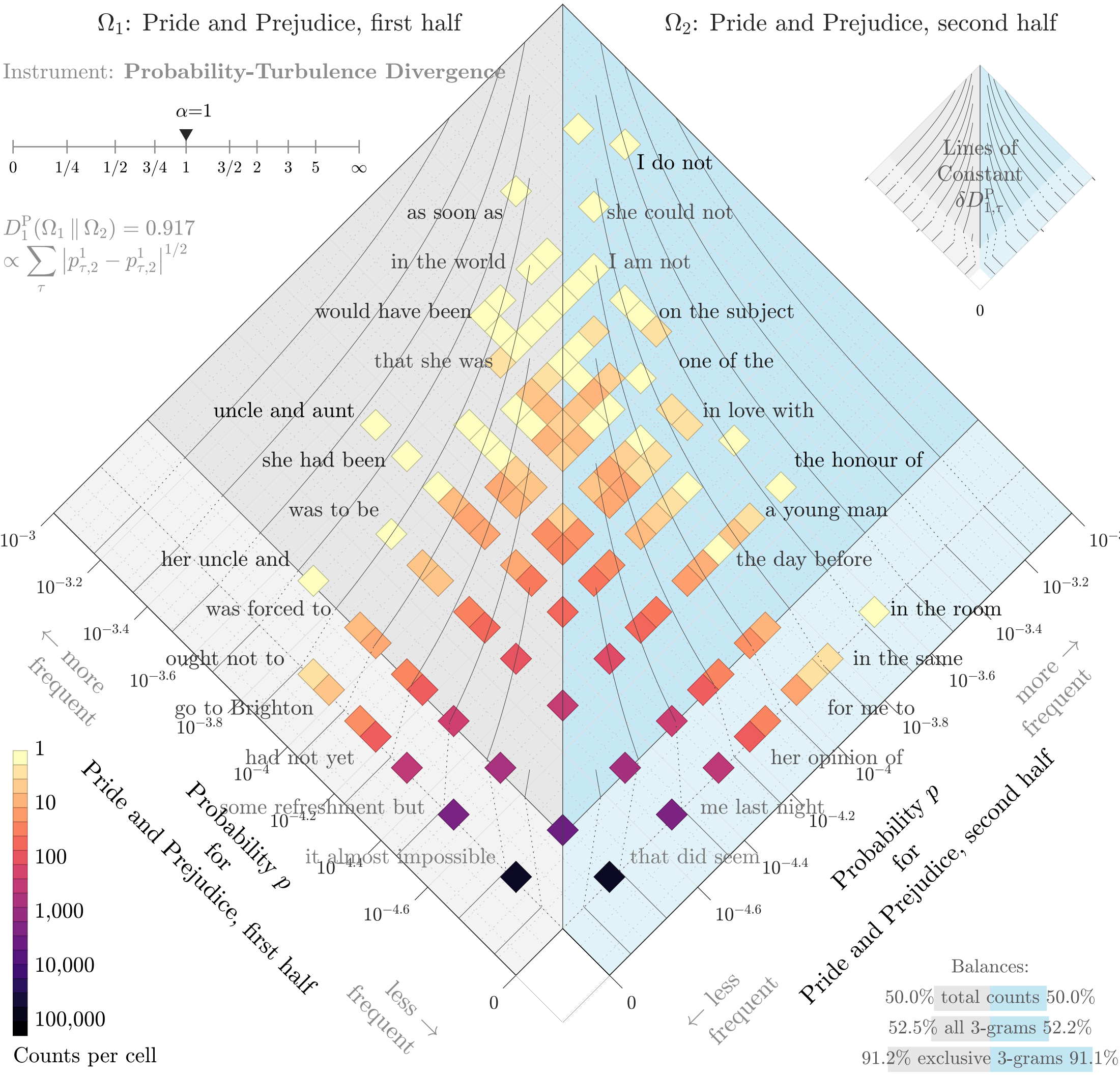


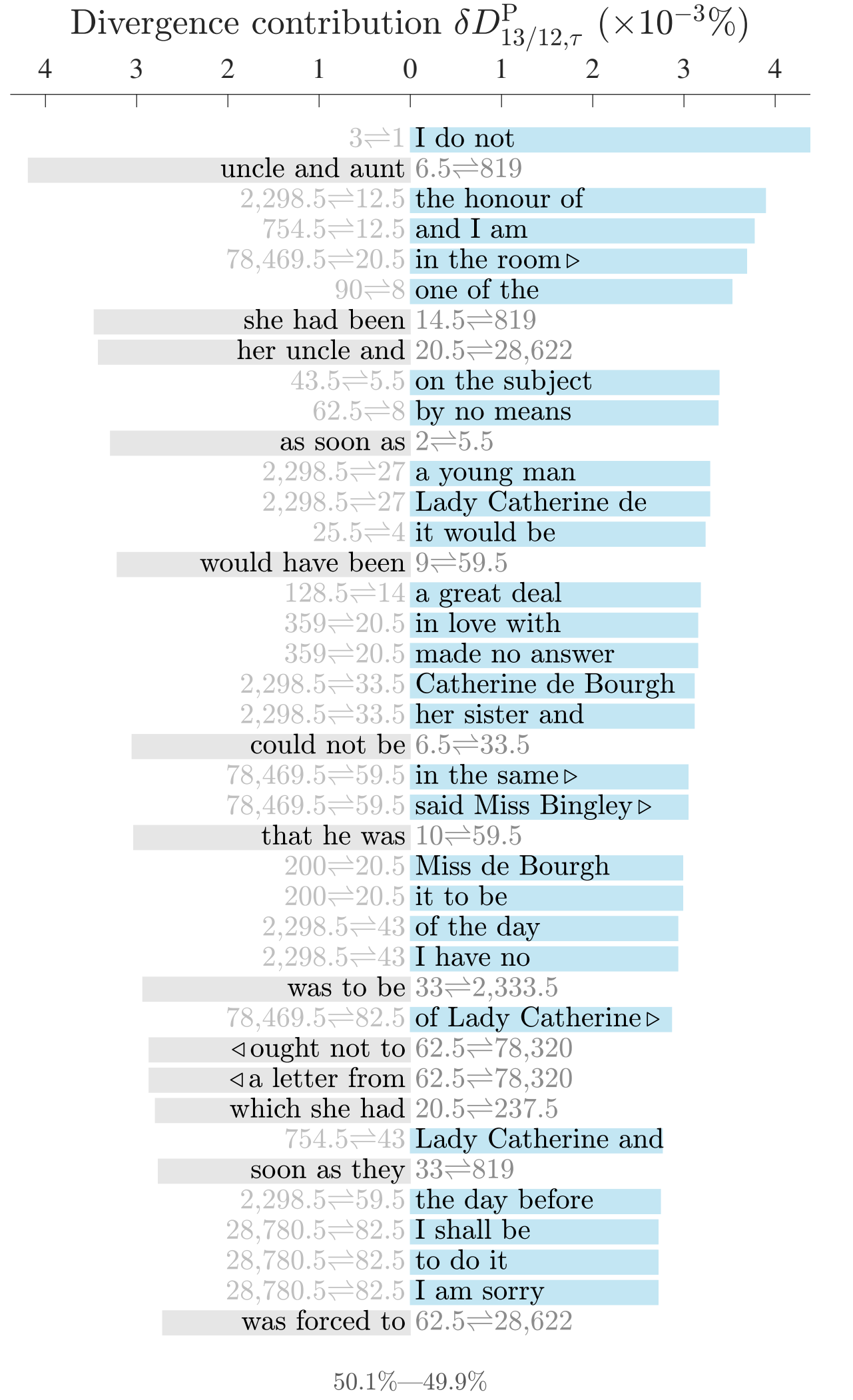
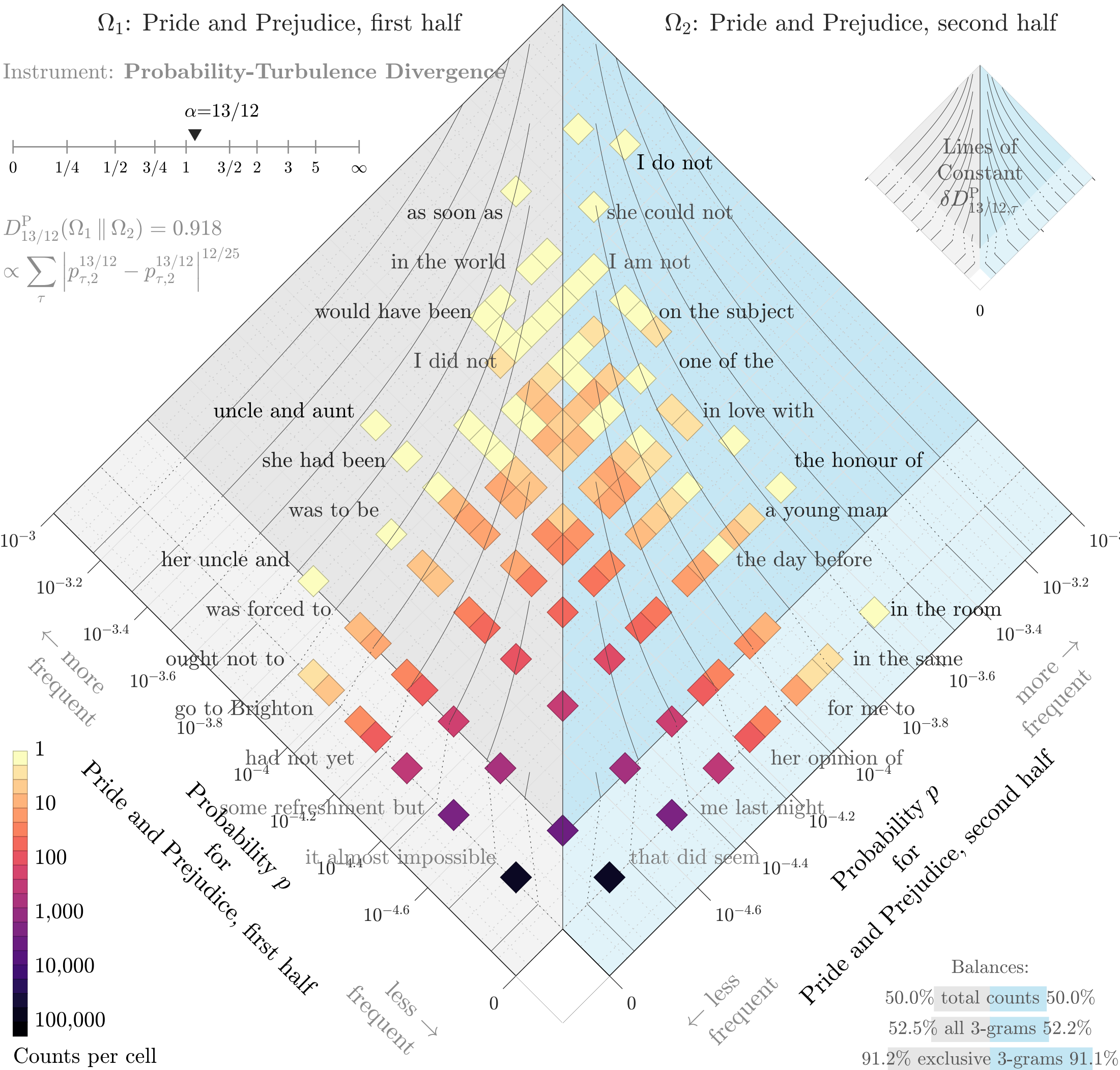


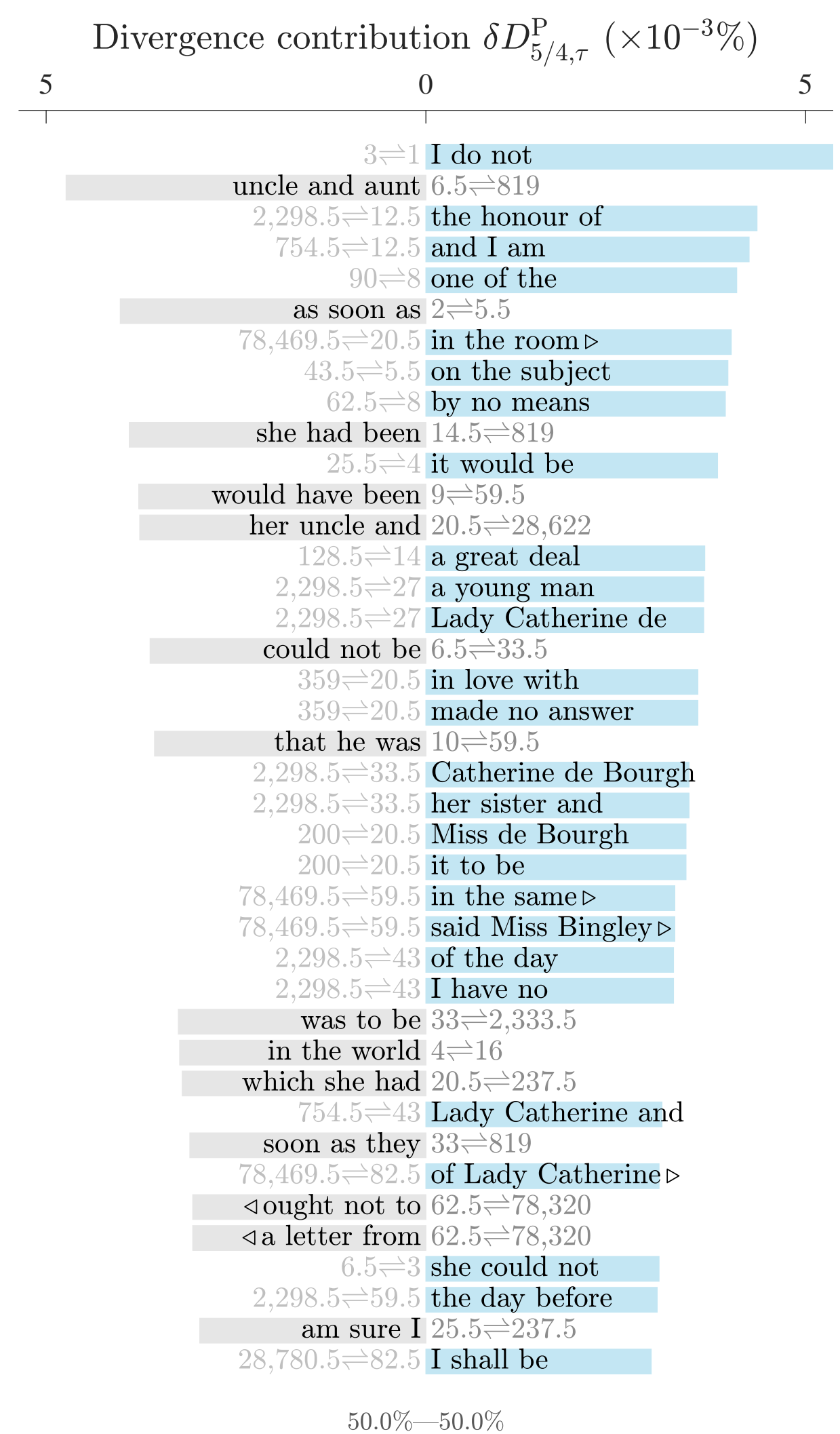
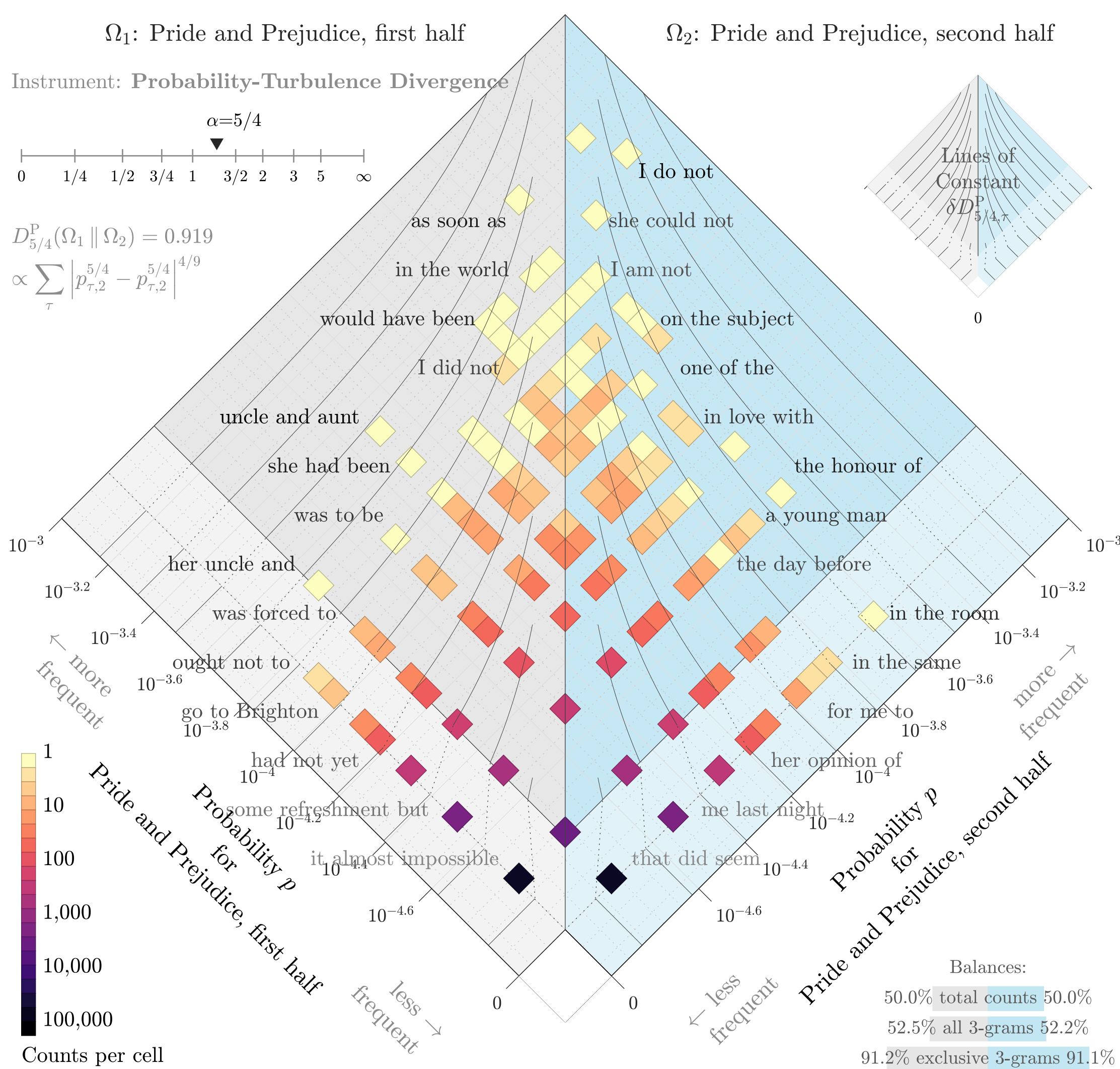
Divergence contribution $\delta D_{11/12,\tau}^P (\times 10^{-3}\%)$

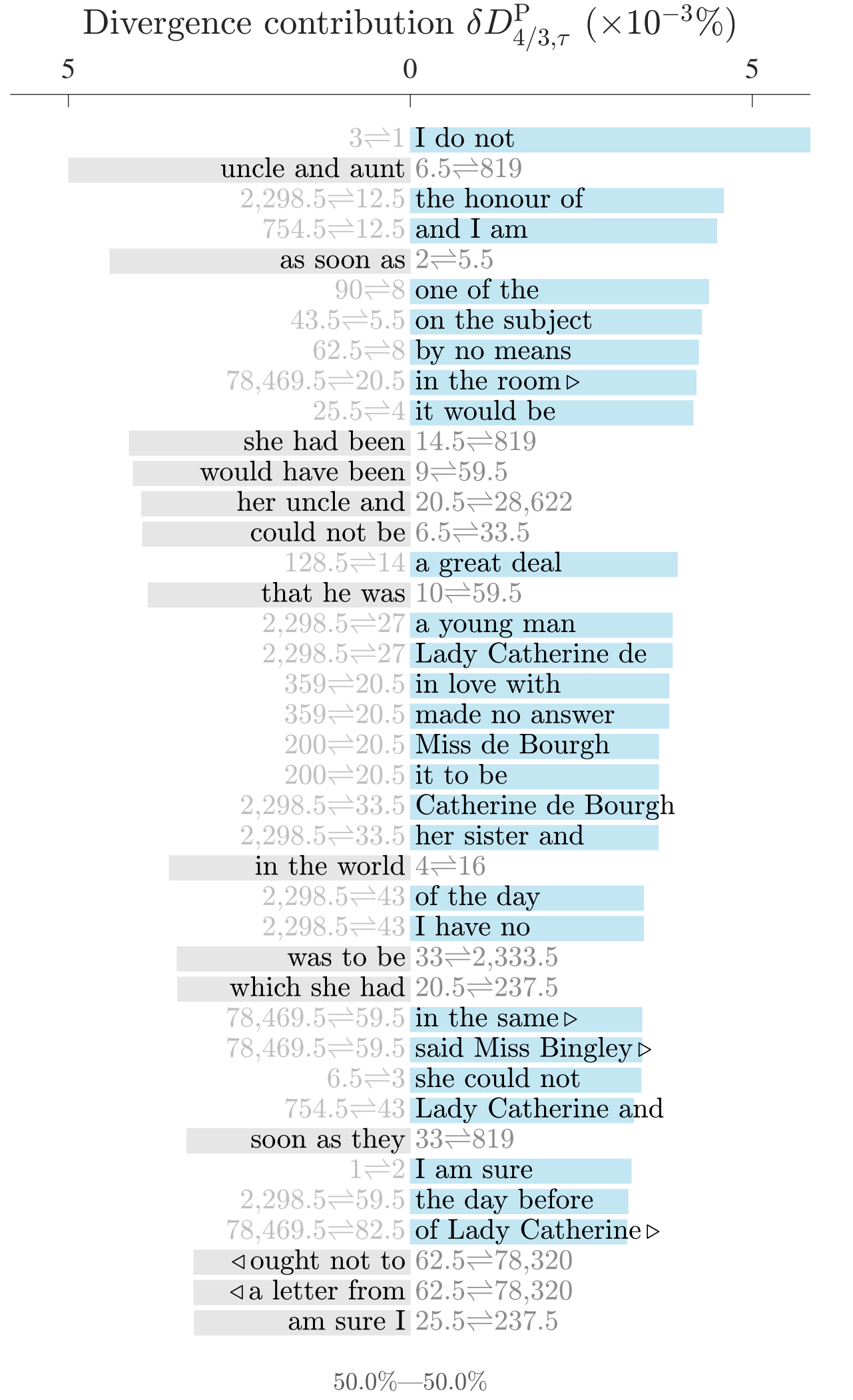
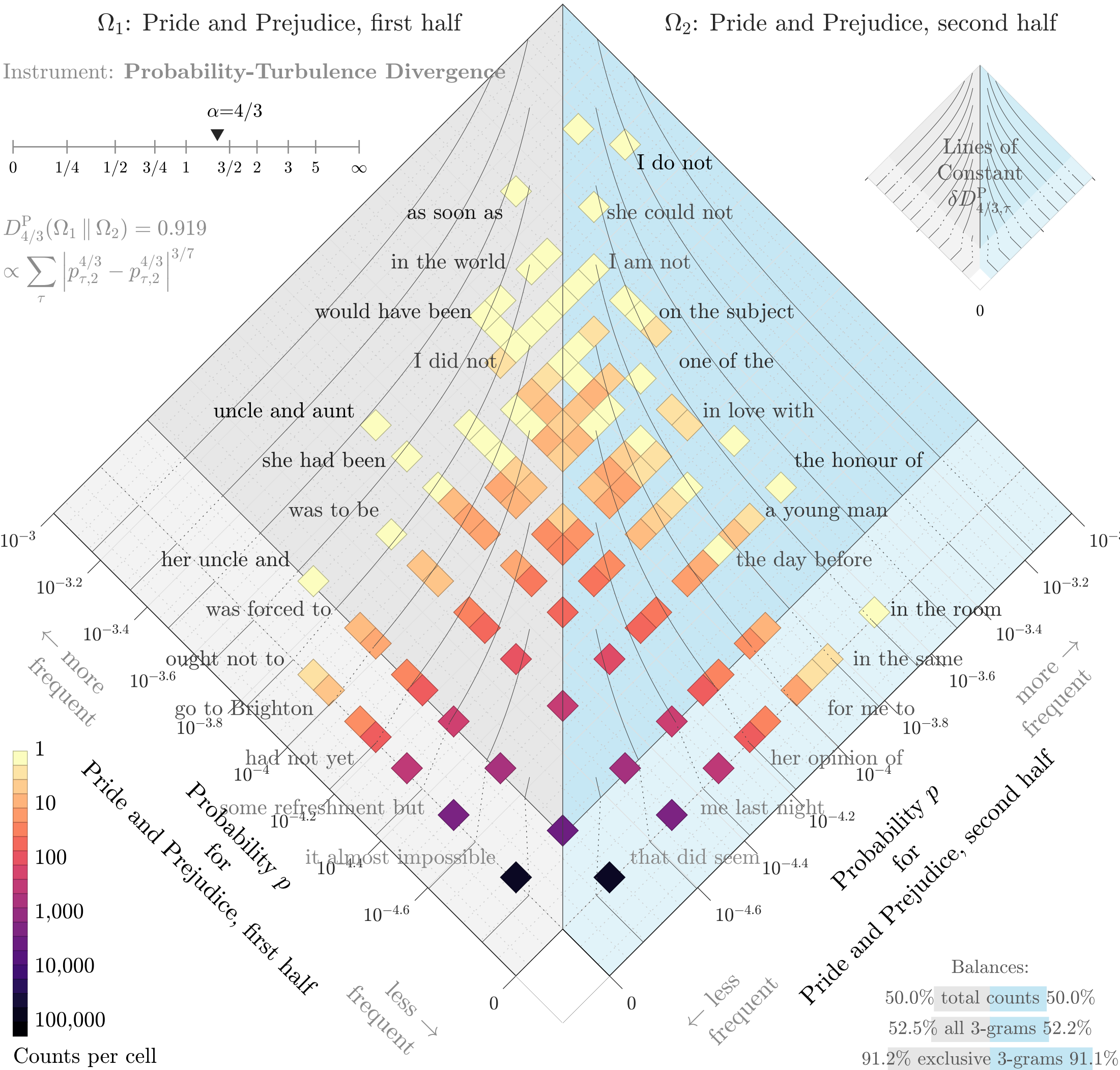
3	2	1	0	1	2	3
uncle and aunt	6.5	819				
3	1					
2,298.5	12.5					
78,469.5	20.5					
754.5	12.5					
her uncle and	20.5	28,622				
she had been	14.5	819				
90	8					
2,298.5	27					
2,298.5	27					
78,469.5	59.5					
78,469.5	59.5					
62.5	8					
43.5	5.5					
2,298.5	33.5					
2,298.5	33.5					
359	20.5					
359	20.5					
128.5	14					
78,469.5	82.5					
<ought not to	62.5	78,320				
<a letter from	62.5	78,320				
would have been	9	59.5				
25.5	4					
2,298.5	43					
2,298.5	43					
was to be	33	2,333.5				
as soon as	2	5.5				
200	20.5					
200	20.5					
78,469.5	109.5					
that he was	10	59.5				
could not be	6.5	33.5				
28,780.5	82.5					
28,780.5	82.5					
28,780.5	82.5					
was forced to	62.5	28,622				
it must be	62.5	28,622				
2,298.5	59.5					
754.5	43					

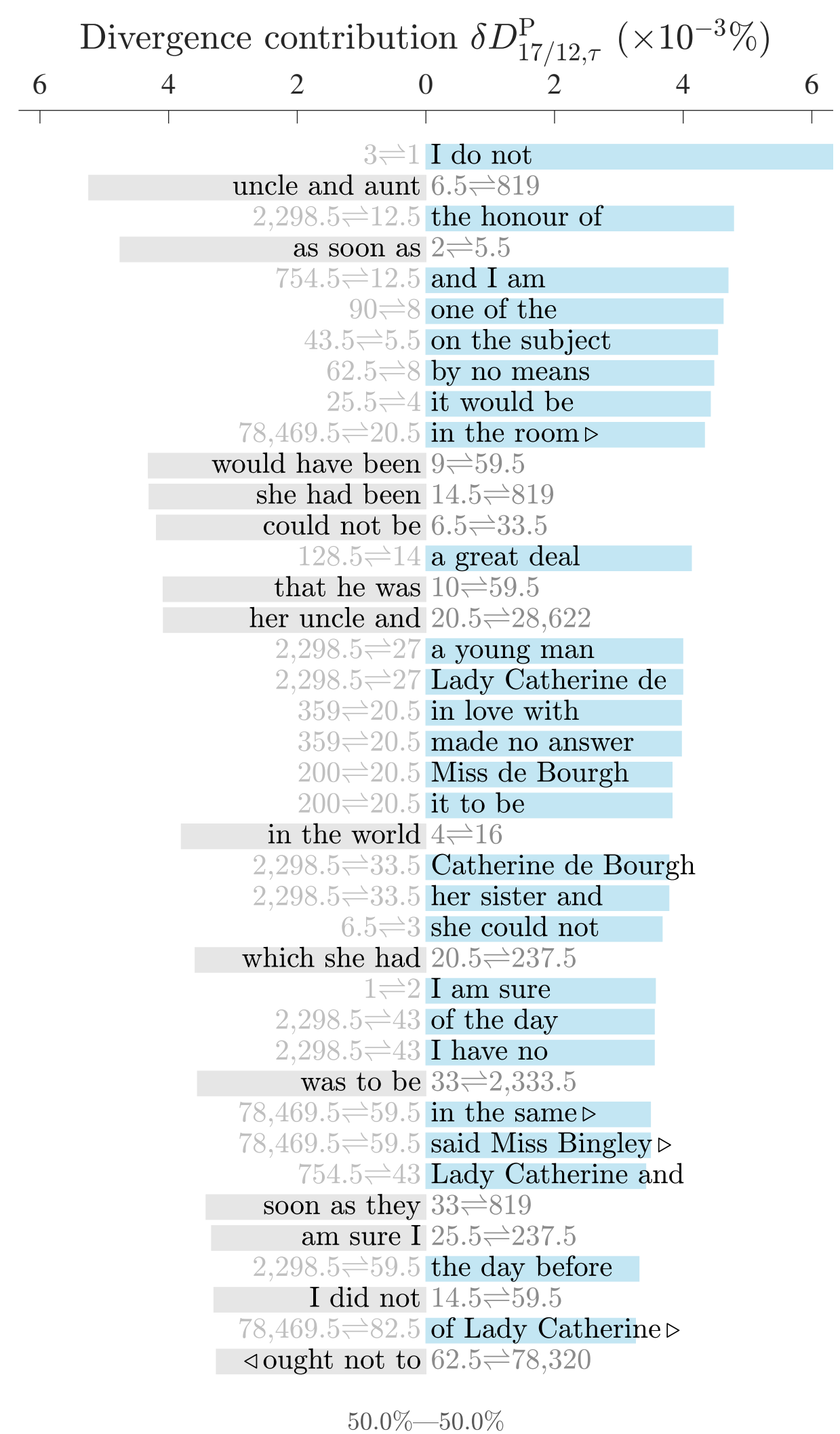
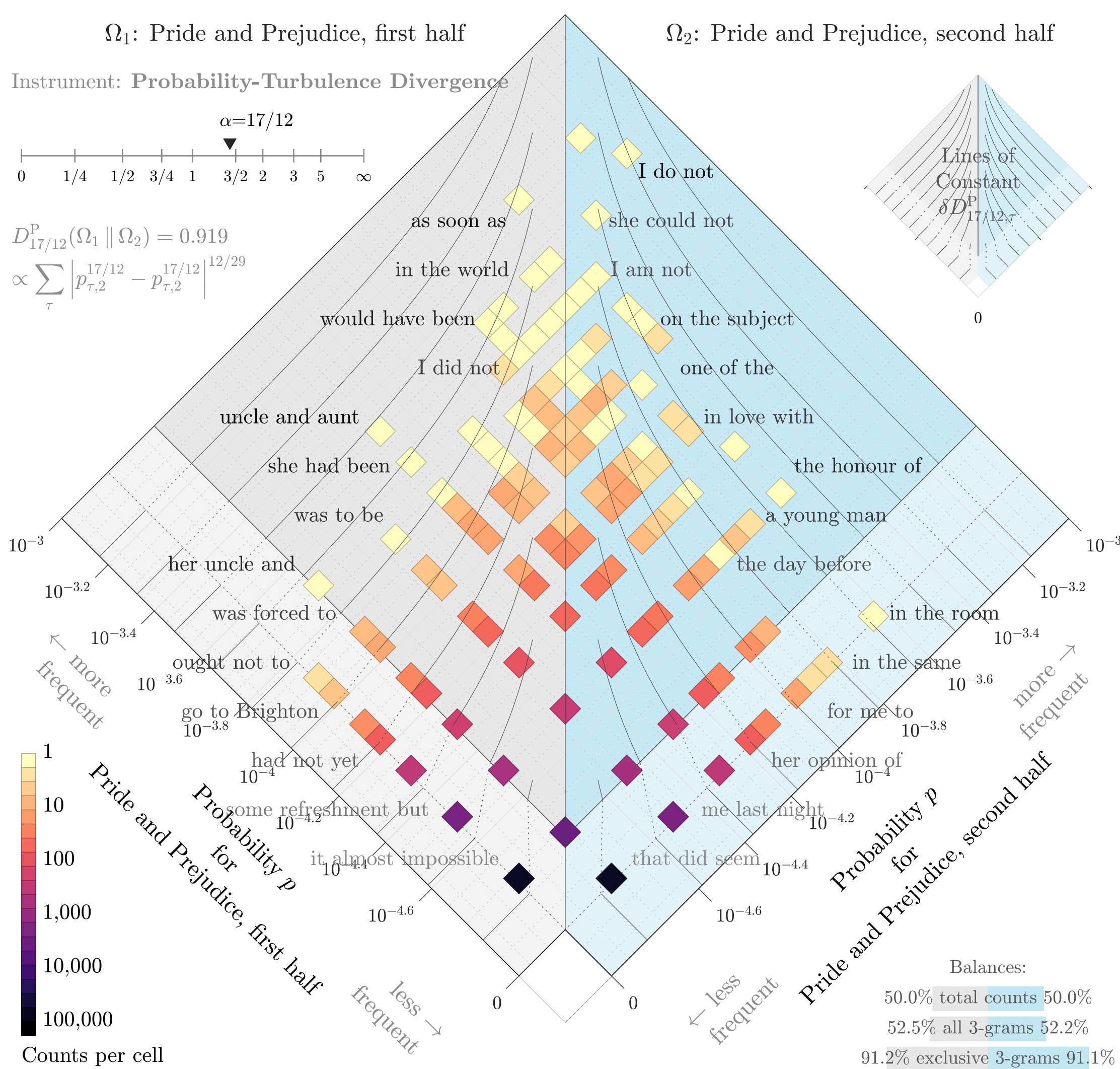
50.1%—49.9%

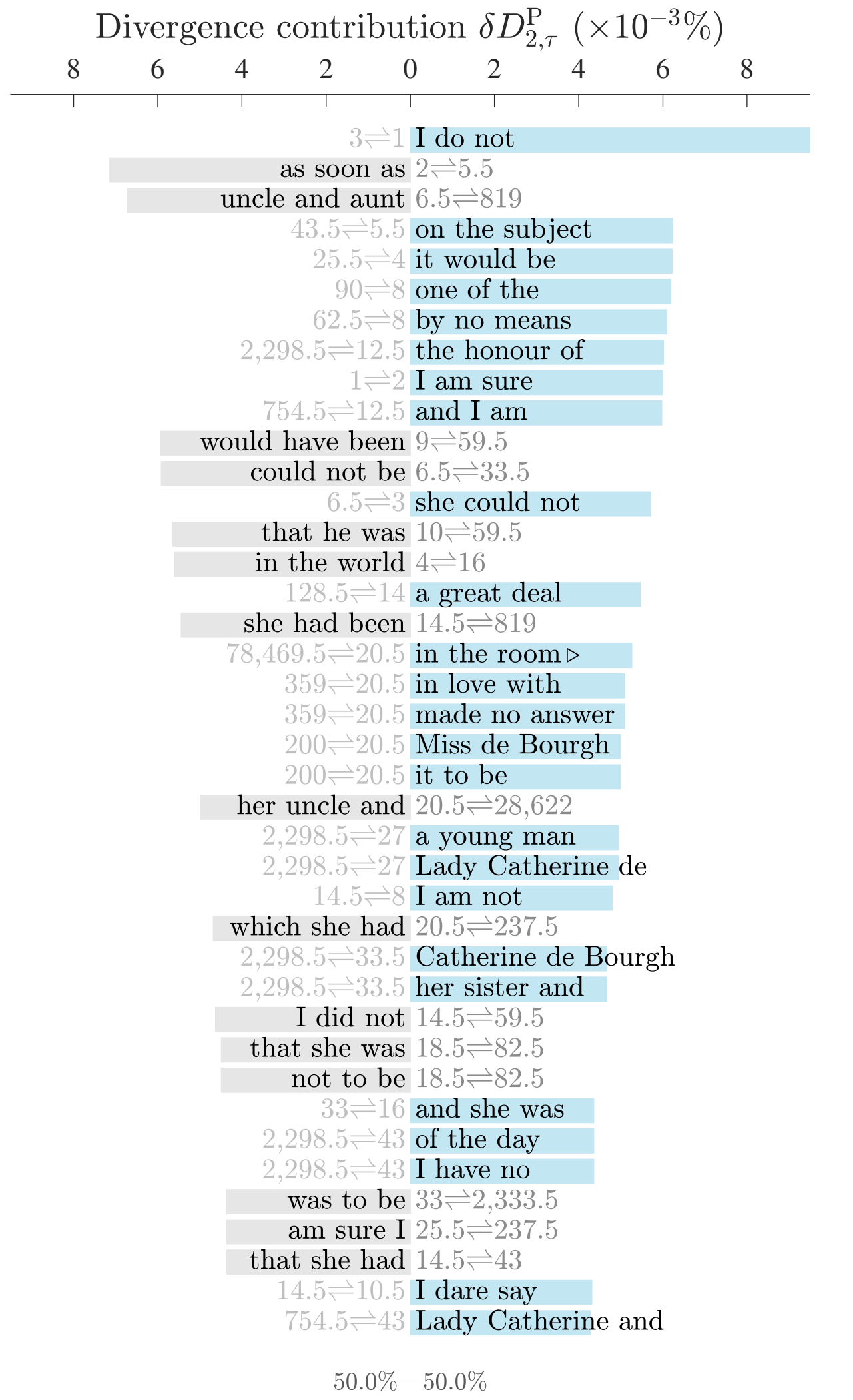
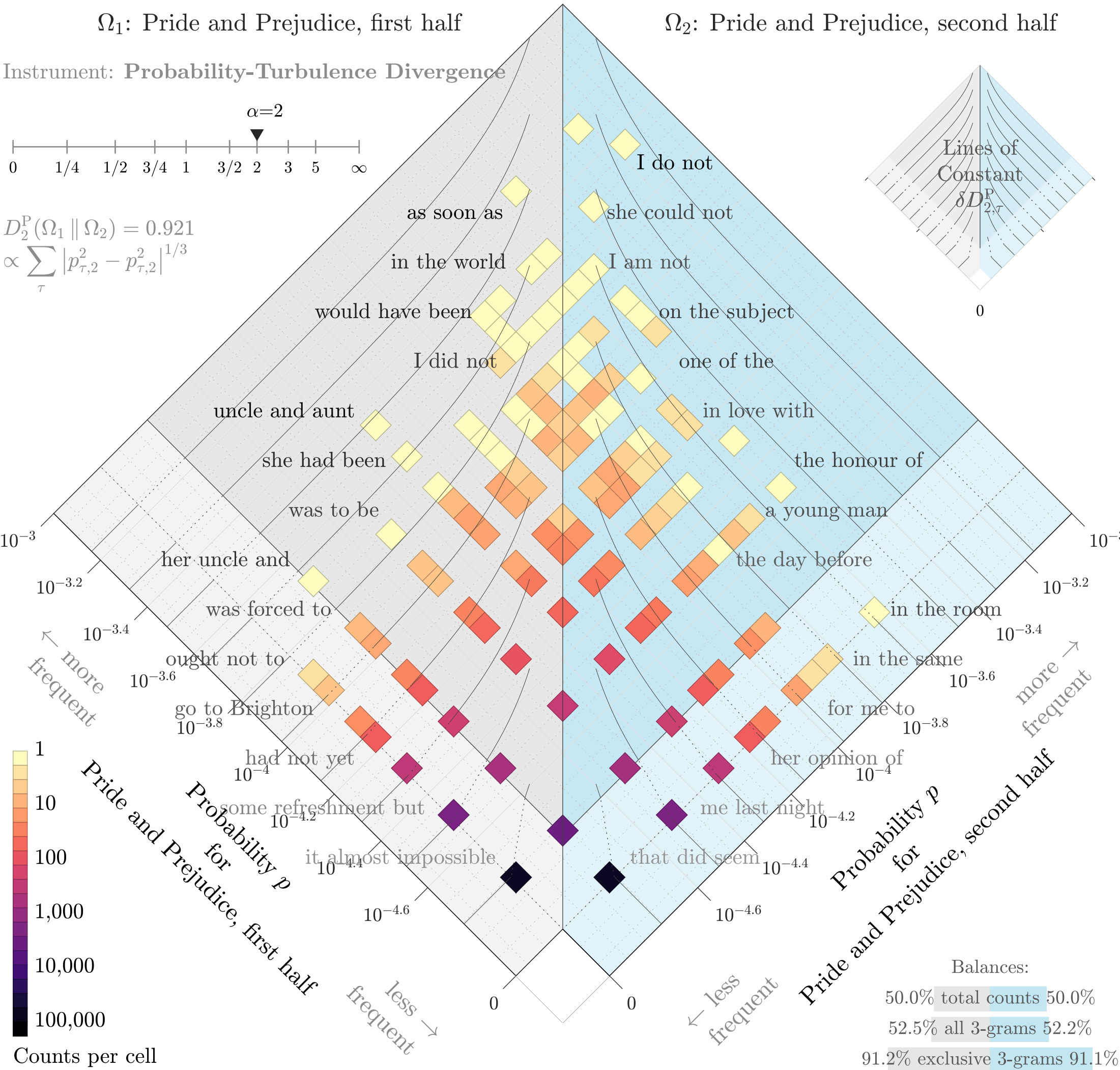


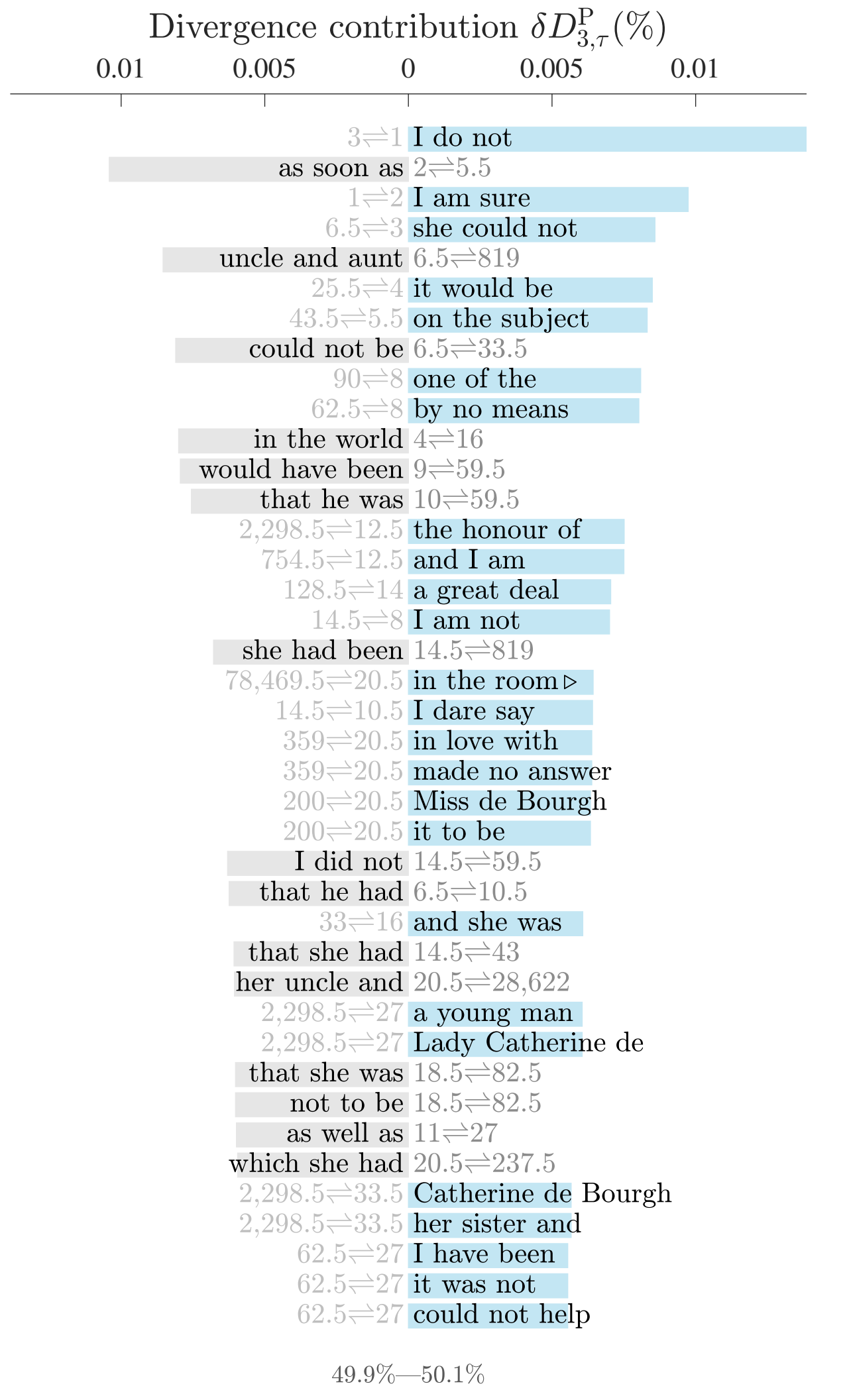
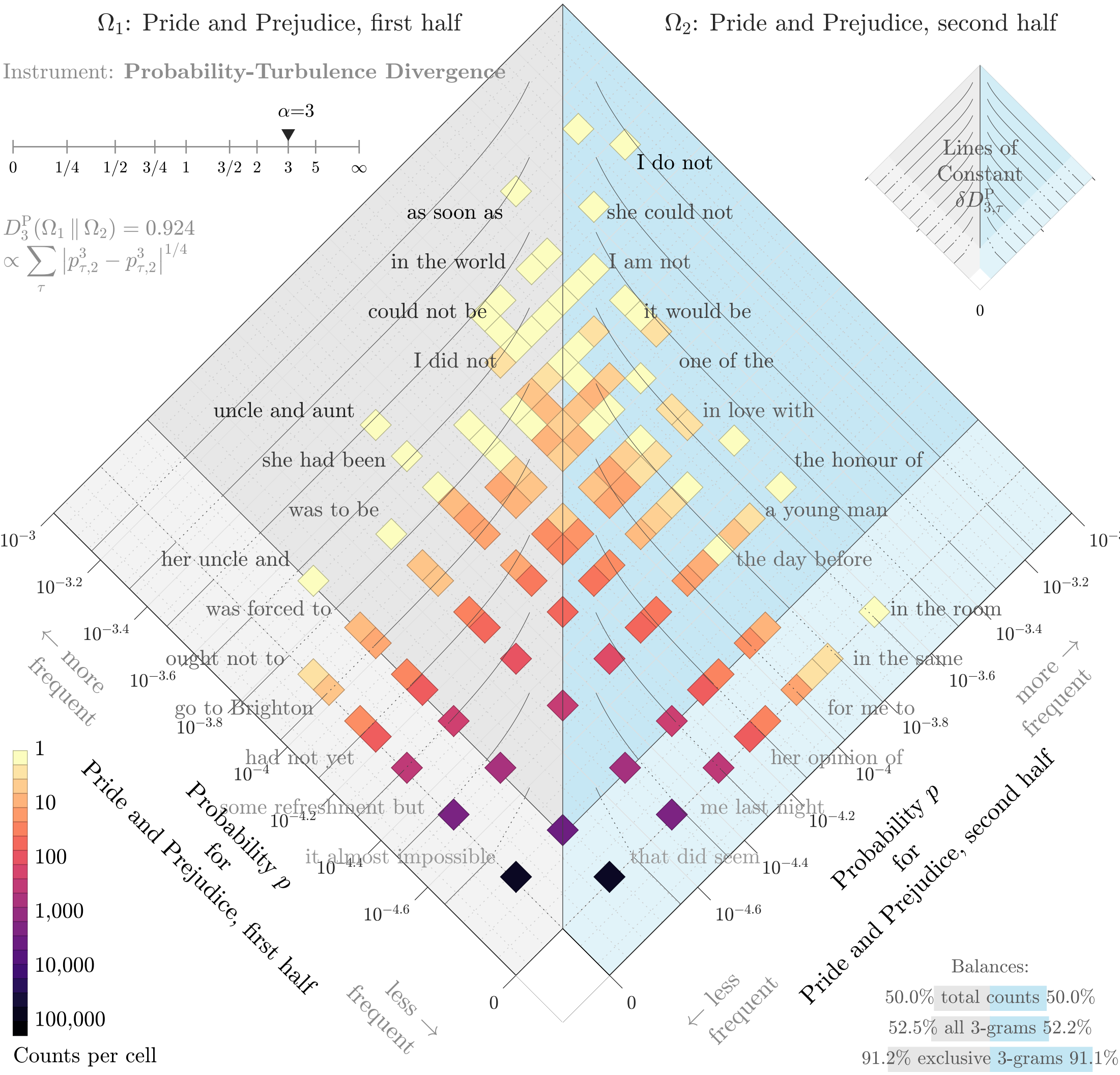












Instrument: Probability-Turbulence Divergence

Lines of
Constant

 $D_{\mathbb{P}^1, \tau}$

0

0.015 0.01 0.005 0 0.005 0.01 0.015

3_⇒1 I do not

1 \Rightarrow 2 I am sure

as soon as $2 \Rightarrow 5.5$

6.5 \Rightarrow 3 she could not

25.5 \Rightarrow 4 it would be

in the world $4 \Rightarrow 16$

uncle and aunt 6.5 \Rightarrow 81943.5 \Rightarrow 5.5 on the subject

could not be $6.5 \Rightarrow 33.5$

$90 \Rightarrow 8$ one of the

62.5 \Rightarrow 8 by no means

would have been $9 \Rightarrow 59.5$

that he was $10 \Rightarrow 59.5$

14.5 \Rightarrow 8 I am not

that he had $6.5 \Rightarrow 10.5$

2,298.5 \Rightarrow 12.5 the honour of

754.5 \rightleftharpoons 12.5 and I am

14.5 \Rightarrow 10.5 I dare say

128.5 \Rightarrow 14 a great deal

she had been 14.5 \Rightarrow 819

as well as $11 \rightleftharpoons 27$

I did not 14.5 \Rightarrow 59.5

33 \Rightarrow 16 and she was

that she had 14.5 \Rightarrow

78,469.5 \Rightarrow 20.5 in the room \triangleright

359 \Rightarrow 20.5 in love with

359 \Rightarrow 20.5 made no answer

200 \Rightarrow 20.5 Miss de Bourgh

200 \Rightarrow 20.5 it to be

that she was $18.5 \Rightarrow 82.5$

not to be $18.5 \rightleftharpoons 82.5$

33 \Rightarrow 20.5 he had been

her uncle and 20.5 \Rightarrow 28,622

2,298.5 \Rightarrow 27 a young man

2,298.5 \Rightarrow 27 Lady Catherine

ich she had 20.5 \Rightarrow 237.5

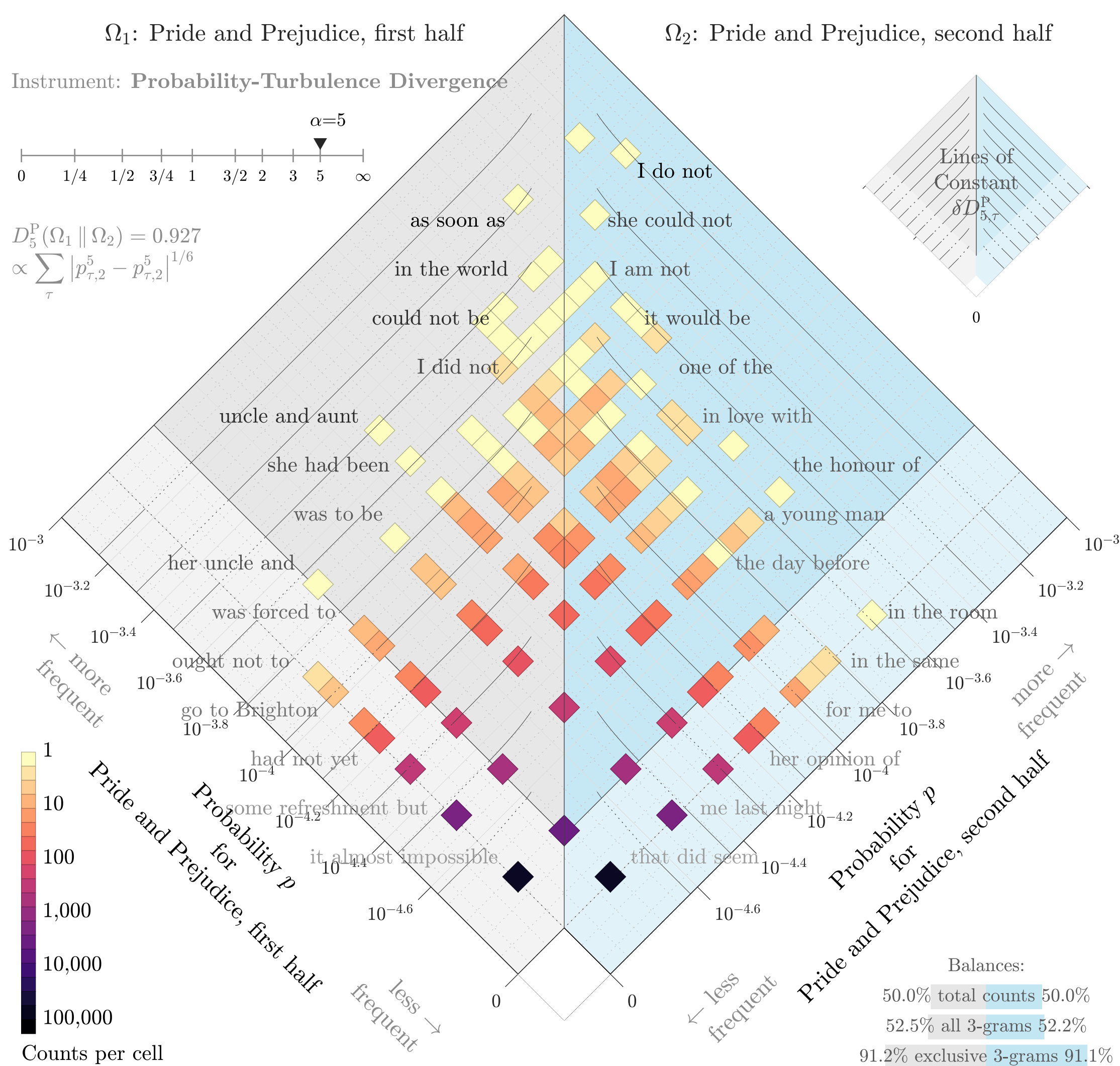
62.5 \Rightarrow 27 I have been

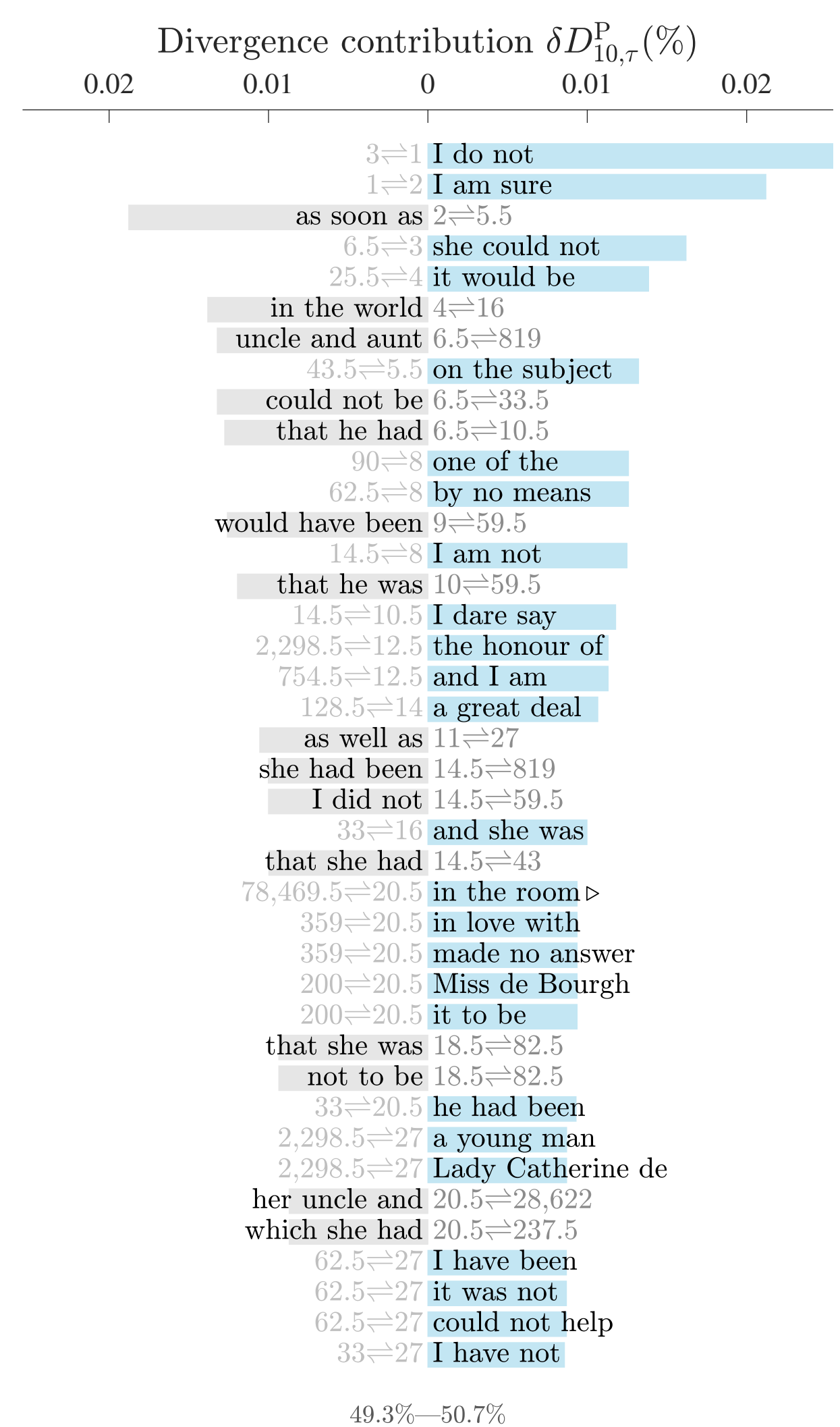
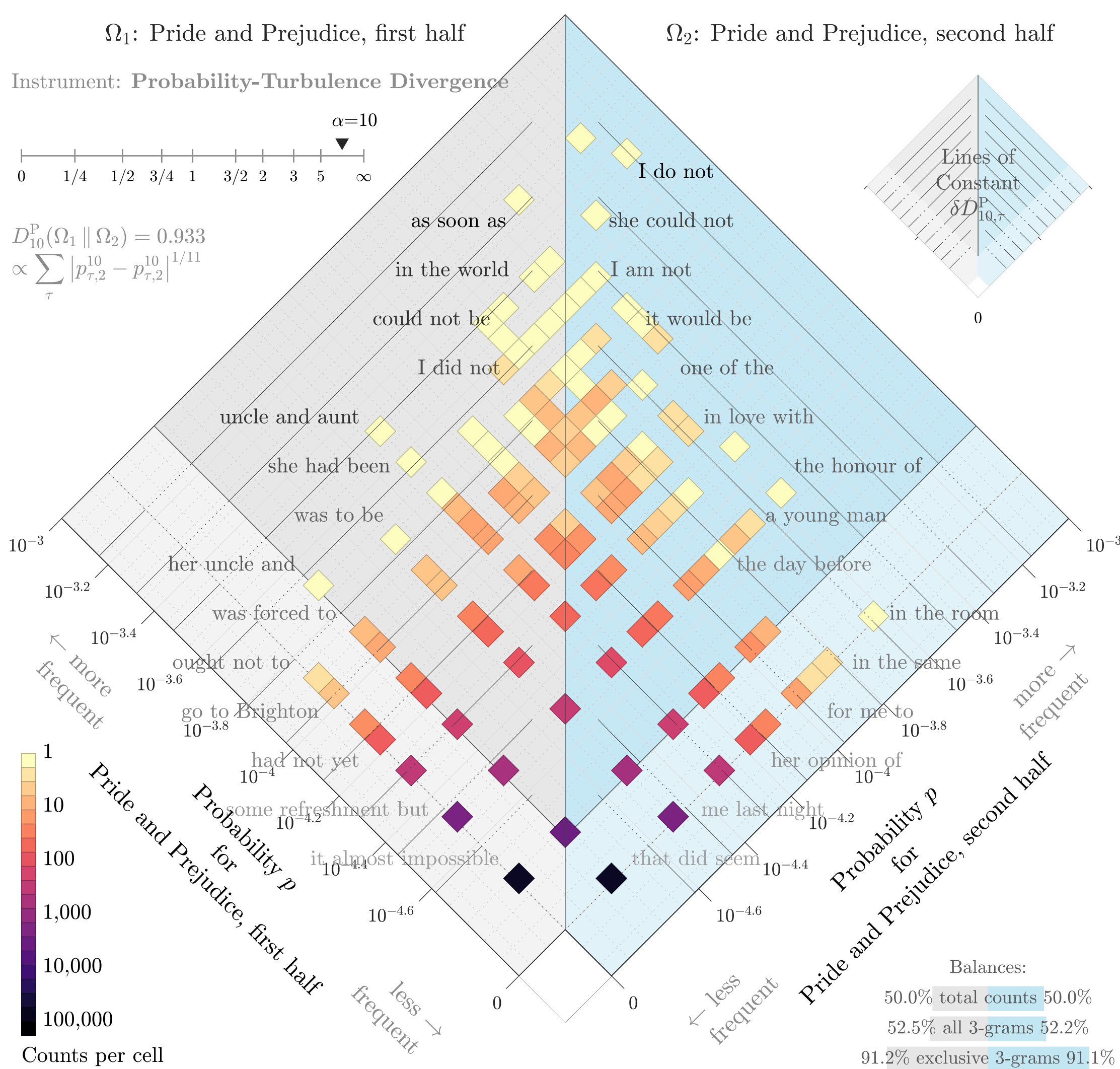
62.5 \Rightarrow 27 it was not

62.5 \Rightarrow 27 could not help

2,298.5 \Rightarrow 33.5 Catherine de Bourgh

49.7%—50.3%





Instrument: Probability-Turbulence Divergence

Lines of Constant

DP
∞ 7

0

0.03 0.02 0.01 0 0.01 0.02 0.03

← more frequent

1
10
100
1,000
10,000
100,000

Counts per cell

Probability p
 for
 Pride and Prejudice, second half

Balances:
 50.0% total counts 50

Balances:

50.0%	total counts	50.0%
52.5%	all 3-grams	52.2%
91.2%	exclusive 3-grams	91.1%

would have been $9 \Rightarrow 59.5$
 $14.5 \Rightarrow 10.5$ I dare say
that he was $10 \Rightarrow 59.5$
 $754.5 \Rightarrow 12.5$ and I am
 $2,298.5 \Rightarrow 12.5$ the honour of
 $128.5 \Rightarrow 14$ a great deal
as well as $11 \Rightarrow 27$
 $14.5 \Rightarrow 16$ that it was
 $33 \Rightarrow 16$ and she was
she had been $14.5 \Rightarrow 819$
that she had $14.5 \Rightarrow 43$
I did not $14.5 \Rightarrow 59.5$
 $33 \Rightarrow 20.5$ he had been
 $200 \Rightarrow 20.5$ Miss de Bourgh
 $200 \Rightarrow 20.5$ it to be
 $359 \Rightarrow 20.5$ in love with
 $359 \Rightarrow 20.5$ made no answer
 $78,469.5 \Rightarrow 20.5$ in the room ▷
that she was $18.5 \Rightarrow 82.5$
not to be $18.5 \Rightarrow 82.5$
 $33 \Rightarrow 27$ I have not
 $62.5 \Rightarrow 27$ I have been
 $62.5 \Rightarrow 27$ it was not
 $62.5 \Rightarrow 27$ could not help
 $2,298.5 \Rightarrow 27$ a young man
 $2,298.5 \Rightarrow 27$ Lady Catherine o
which she had $20.5 \Rightarrow 237.5$

48.5%—51.5%