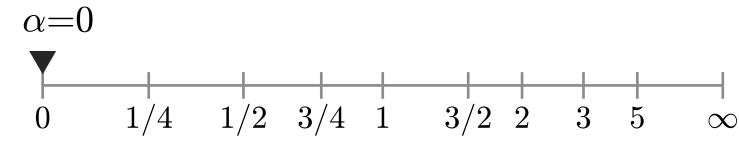


Ω_1 : 1948 Google Books Fiction

Ω_2 : 1987 Google Books Fiction

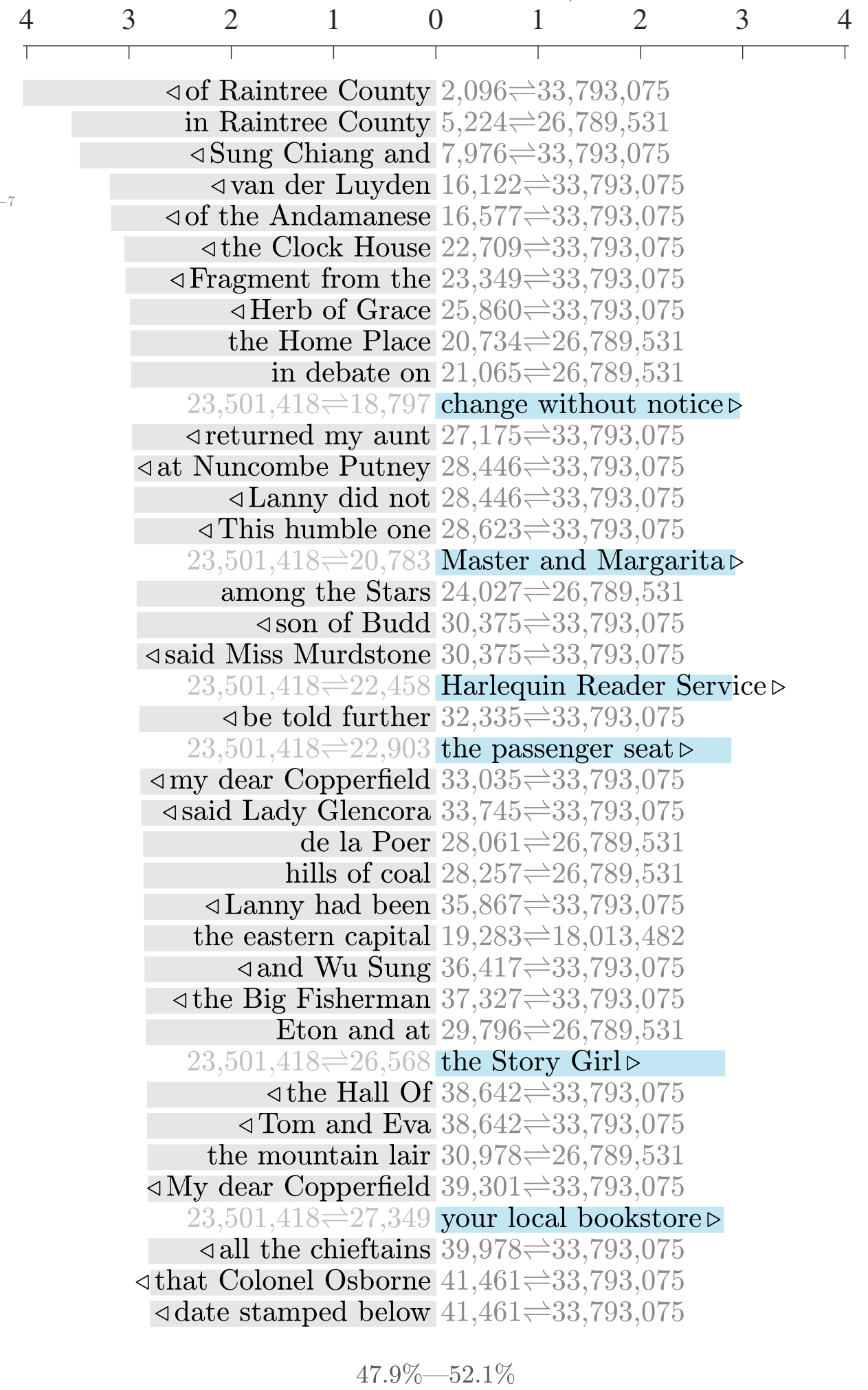
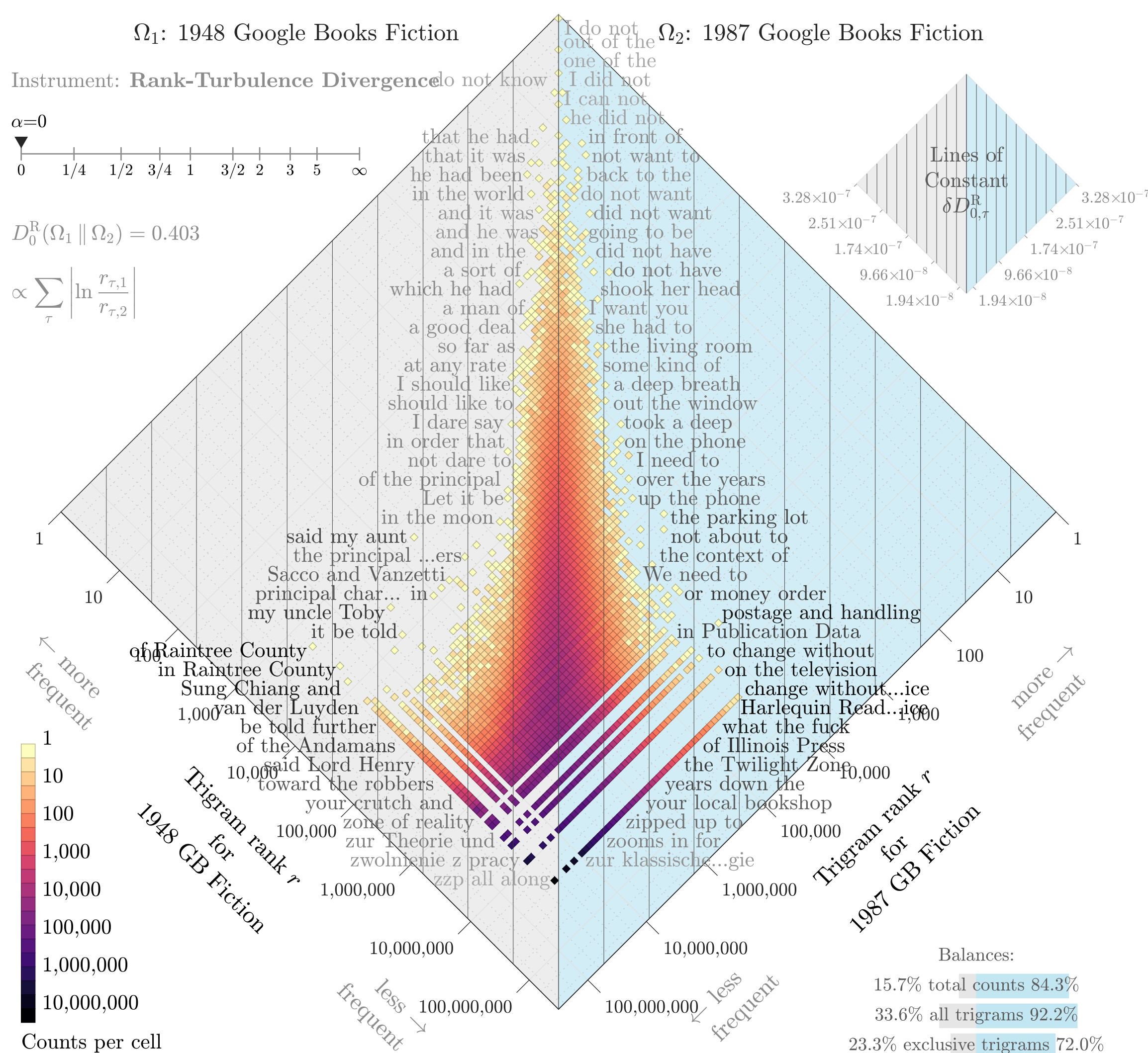
Divergence contribution $\delta D_{0,\tau}^R (\times 10^{-5}\%)$

Instrument: Rank-Turbulence Divergence



$$D_0^R(\Omega_1 \parallel \Omega_2) = 0.403$$

$$\propto \sum_{\tau} \left| \ln \frac{r_{\tau,1}}{r_{\tau,2}} \right|$$

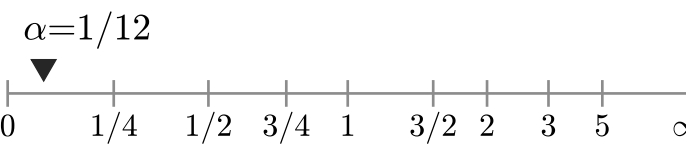


Ω_1 : 1948 Google Books Fiction

Ω_2 : 1987 Google Books Fiction

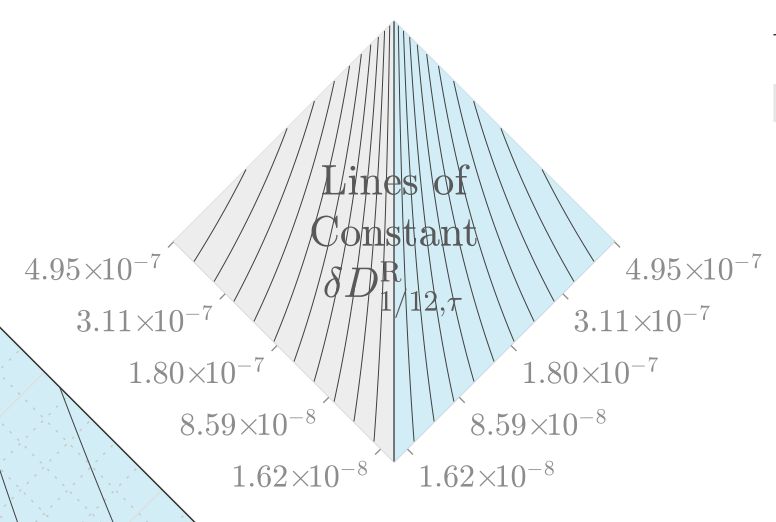
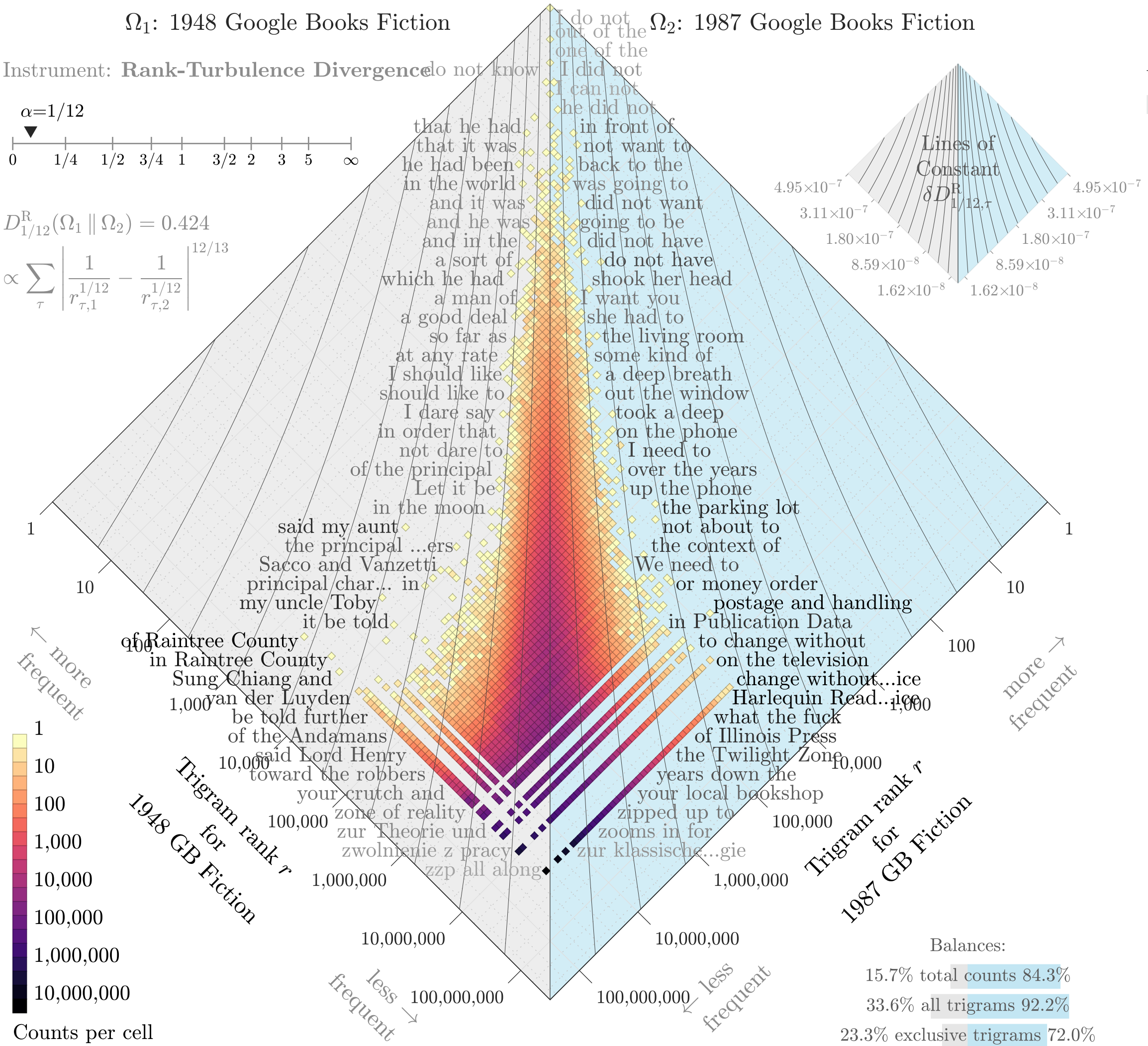
Divergence contribution $\delta D_{1/12,\tau}^R (\times 10^{-5}\%)$

Instrument: Rank-Turbulence Divergence



$$D_{1/12}^R(\Omega_1 \parallel \Omega_2) = 0.424$$

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



Divergence contribution $\delta D_{1/12,\tau}^R (\times 10^{-5}\%)$								
4	3	2	1	0	1	2	3	4
◁ of Raintree County 2,096 ⇌ 33,793,075								
in Raintree County 5,224 ⇌ 26,789,531								
◁ Sung Chiang and 7,976 ⇌ 33,793,075								
my uncle Toby 4,315 ⇌ 3,241,471								
◁ van der Luyden 16,122 ⇌ 33,793,075								
◁ of the Andamanese 16,577 ⇌ 33,793,075								
said my aunt 1,653 ⇌ 517,046								
◁ the Clock House 22,709 ⇌ 33,793,075								
23,501,418 ⇌ 18,797 change without notice ▷								
◁ Fragment from the 23,349 ⇌ 33,793,075								
the Home Place 20,734 ⇌ 26,789,531								
in debate on 21,065 ⇌ 26,789,531								
3,427,403 ⇌ 6,798 postage and handling								
23,501,418 ⇌ 20,783 Master and Margarita ▷								
◁ Herb of Grace 25,860 ⇌ 33,793,075								
◁ returned my aunt 27,175 ⇌ 33,793,075								
among the Stars 24,027 ⇌ 26,789,531								
the eastern capital 19,283 ⇌ 18,013,482								
23,501,418 ⇌ 22,458 Harlequin Reader Service ▷								
23,501,418 ⇌ 22,903 the passenger seat ▷								
◁ at Nuncombe Putney 28,446 ⇌ 33,793,075								
◁ Lanny did not 28,446 ⇌ 33,793,075								
◁ This humble one 28,623 ⇌ 33,793,075								
in double columns 11,557 ⇌ 6,625,070								
◁ son of Budd 30,375 ⇌ 33,793,075								
◁ said Miss Murdstone 30,375 ⇌ 33,793,075								
it be told 9,498 ⇌ 4,345,224								
de la Poer 28,061 ⇌ 26,789,531								
hills of coal 28,257 ⇌ 26,789,531								
◁ be told further 32,335 ⇌ 33,793,075								
23,501,418 ⇌ 26,568 the Story Girl ▷								
◁ my dear Copperfield 33,035 ⇌ 33,793,075								
23,501,418 ⇌ 27,349 your local bookstore ▷								
◁ said Lady Glencora 33,745 ⇌ 33,793,075								
Eton and at 29,796 ⇌ 26,789,531								
9,088,005 ⇌ 16,140 on the television								
the mountain lair 30,978 ⇌ 26,789,531								
◁ Lanny had been 35,867 ⇌ 33,793,075								
◁ and Wu Sung 36,417 ⇌ 33,793,075								
◁ the Big Fisherman 37,327 ⇌ 33,793,075								

Balances:
 15.7% total counts 84.3%
 33.6% all trigrams 92.2%
 23.3% exclusive trigrams 72.0%

47.7%—52.3%

Counts per cell

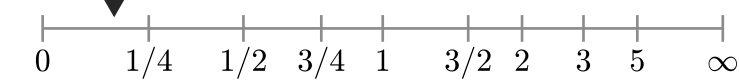
Ω_1 : 1948 Google Books Fiction

Ω_2 : 1987 Google Books Fiction

Divergence contribution $\delta D_{1/6,\tau}^R (\times 10^{-5}\%)$

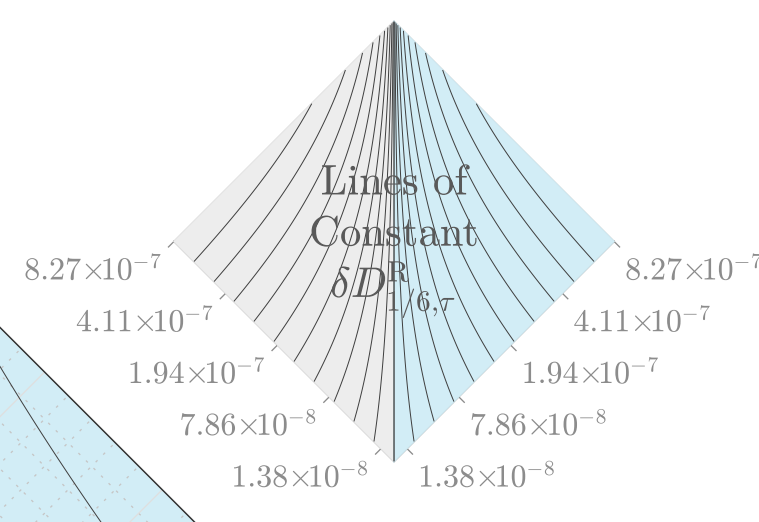
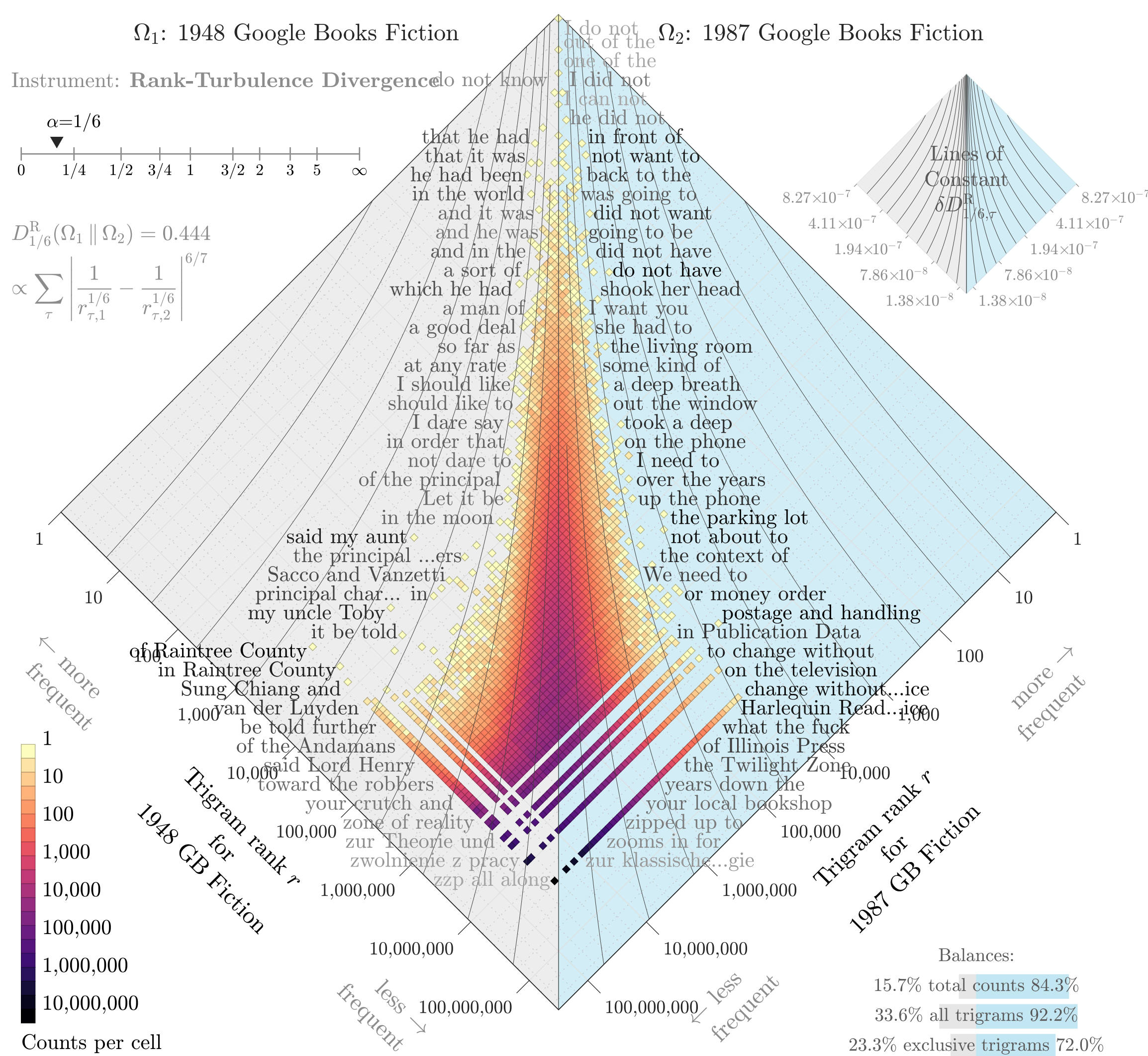
Instrument: Rank-Turbulence Divergence

$\alpha=1/6$



$$D_{1/6}^R(\Omega_1 \parallel \Omega_2) = 0.444$$

$$\propto \sum_{\tau} \left| \frac{1}{r_{\tau,1}^{1/6}} - \frac{1}{r_{\tau,2}^{1/6}} \right|^{6/7}$$



5		0		5	
◁ of Raintree County	2,096	⇒	33,793,075		
in Raintree County	5,224	⇒	26,789,531		
said my aunt	1,653	⇒	517,046		
◁ Sung Chiang and	7,976	⇒	33,793,075		
my uncle Toby	4,315	⇒	3,241,471		
3,427,403	⇒	6,798	postage and handling		
◁ van der Luyden	16,122	⇒	33,793,075		
◁ of the Andamanese	16,577	⇒	33,793,075		
it be told	9,498	⇒	4,345,224		
431	⇒	63	do not have		
158,053	⇒	2,393	the parking lot		
in double columns	11,557	⇒	6,625,070		
23,501,418	⇒	18,797	change without notice▷		
the Home Place	20,734	⇒	26,789,531		
in debate on	21,065	⇒	26,789,531		
◁ the Clock House	22,709	⇒	33,793,075		
209,978	⇒	3,113	not about to		
23,501,418	⇒	20,783	Master and Margarita▷		
◁ Fragment from the	23,349	⇒	33,793,075		
the eastern capital	19,283	⇒	18,013,482		
9,088,005	⇒	16,140	on the television		
23,501,418	⇒	22,458	Harlequin Reader Service▷		
23,501,418	⇒	22,903	the passenger seat▷		
among the Stars	24,027	⇒	26,789,531		
◁ Herb of Grace	25,860	⇒	33,793,075		
principal characters in	7,399	⇒	1,027,958		
◁ returned my aunt	27,175	⇒	33,793,075		
9,088,005	⇒	18,162	Cover art by		
◁ at Nuncombe Putney	28,446	⇒	33,793,075		
◁ Lanny did not	28,446	⇒	33,793,075		
◁ This humble one	28,623	⇒	33,793,075		
23,501,418	⇒	26,568	the Story Girl▷		
de la Poer	28,061	⇒	26,789,531		
◁ son of Budd	30,375	⇒	33,793,075		
◁ said Miss Murdstone	30,375	⇒	33,793,075		
hills of coal	28,257	⇒	26,789,531		
23,501,418	⇒	27,349	your local bookstore▷		
914,119	⇒	7,928	or money order		
Eton and at	29,796	⇒	26,789,531		
◁ be told further	32,335	⇒	33,793,075		

Balances:
 15.7% total counts 84.3%
 33.6% all trigrams 92.2%
 23.3% exclusive trigrams 72.0%

47.6%—52.4%

Counts per cell

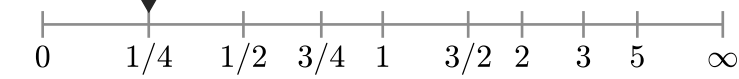
Ω_1 : 1948 Google Books Fiction

Ω_2 : 1987 Google Books Fiction

Divergence contribution $\delta D_{1/4,\tau}^R (\times 10^{-5}\%)$

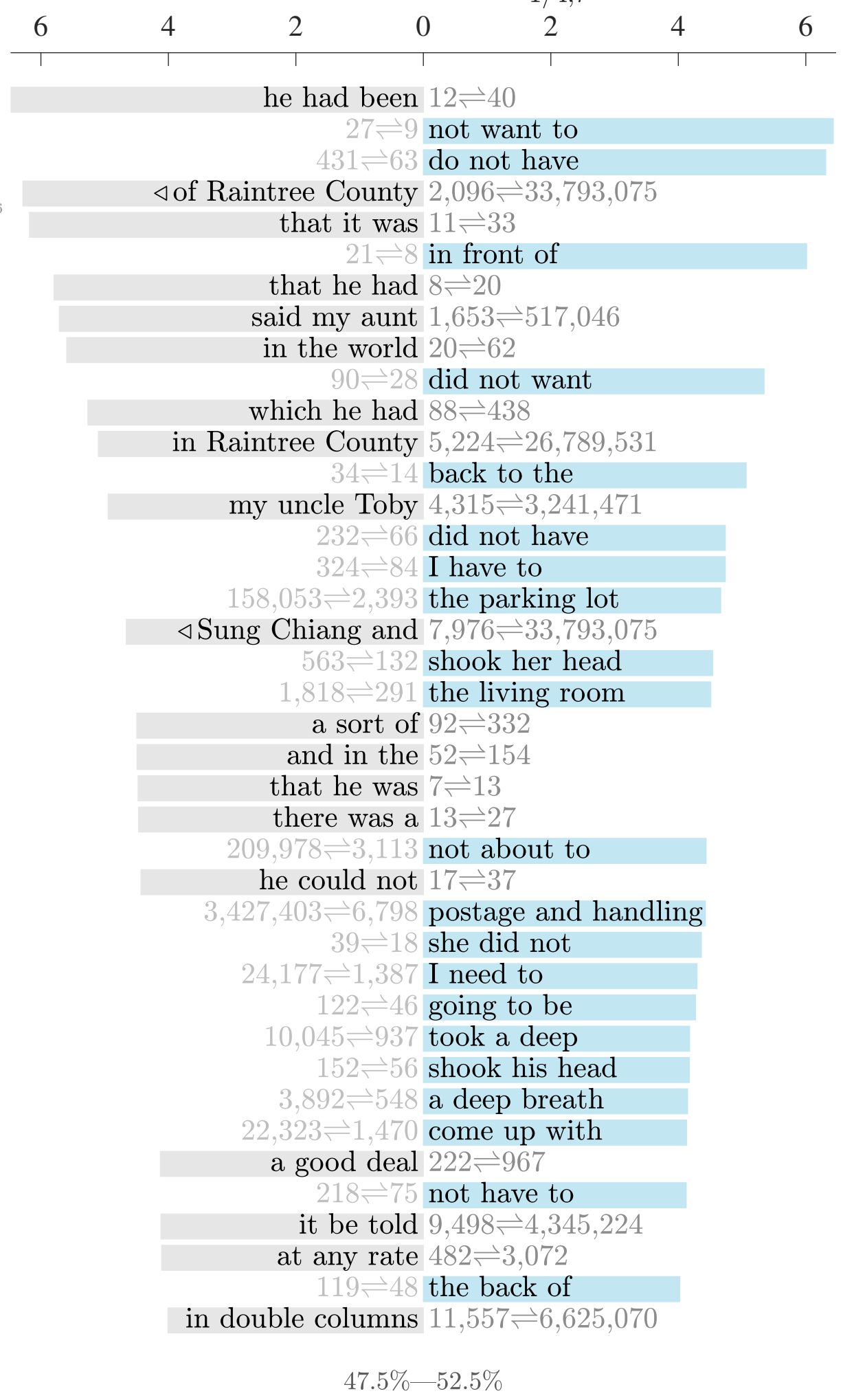
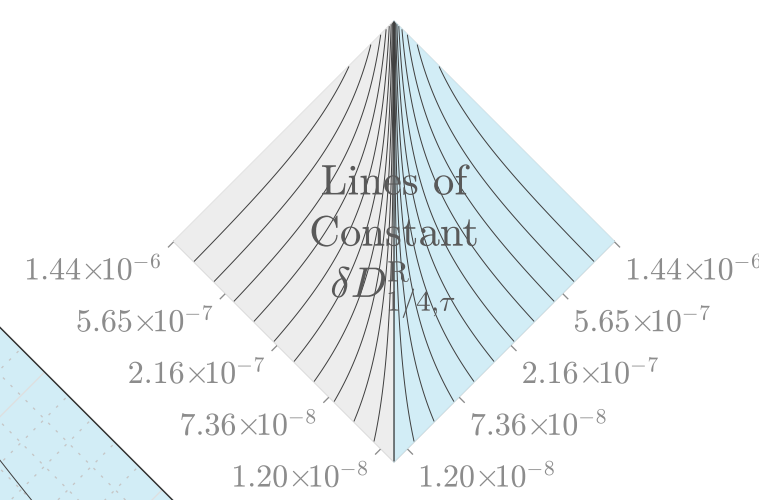
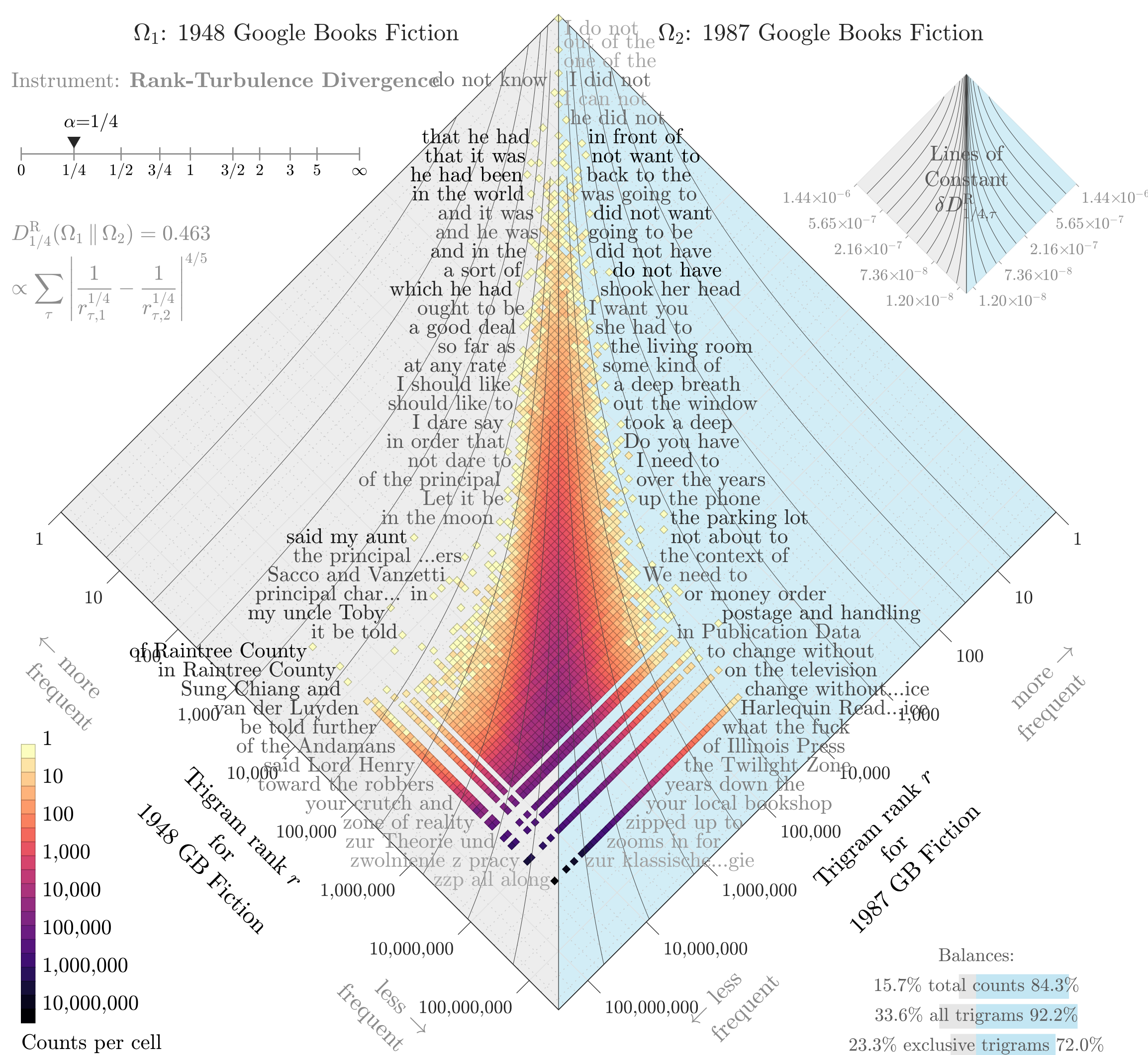
Instrument: Rank-Turbulence Divergence

$\alpha=1/4$



$$D_{1/4}^R(\Omega_1 \parallel \Omega_2) = 0.463$$

$$\propto \sum_{\tau} \left| \frac{1}{r_{\tau,1}^{1/4}} - \frac{1}{r_{\tau,2}^{1/4}} \right|^{4/5}$$



Balances:
 15.7% total counts 84.3%
 33.6% all trigrams 92.2%
 23.3% exclusive trigrams 72.0%

47.5%—52.5%

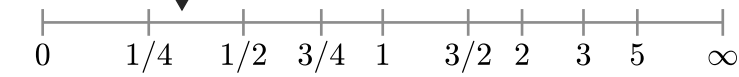
Ω_1 : 1948 Google Books Fiction

Ω_2 : 1987 Google Books Fiction

Divergence contribution $\delta D_{1/3,\tau}^R (\times 10^{-4}\%)$

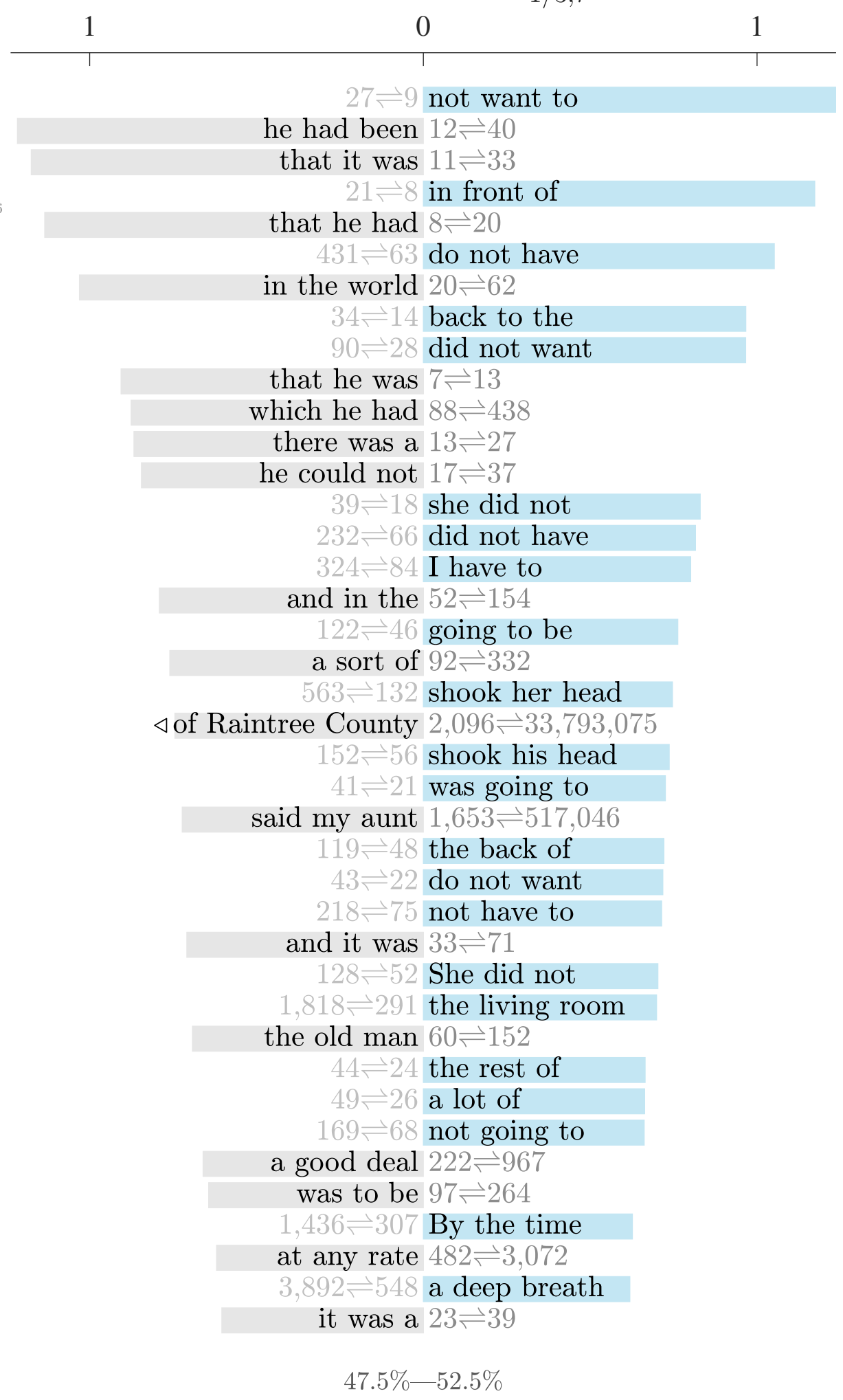
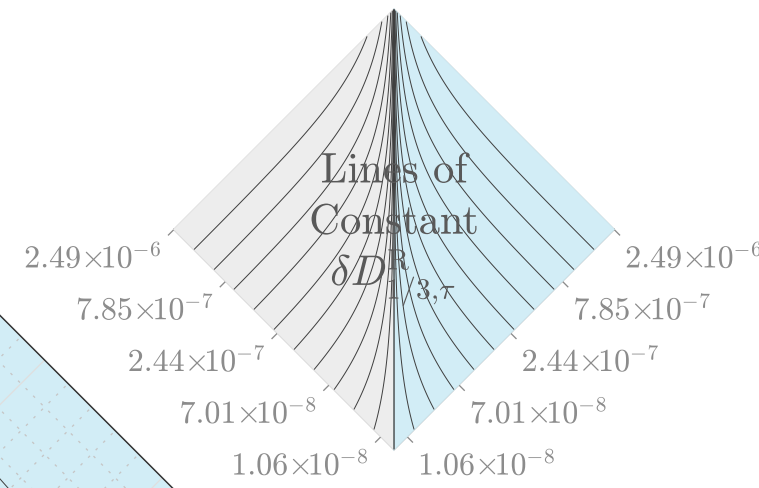
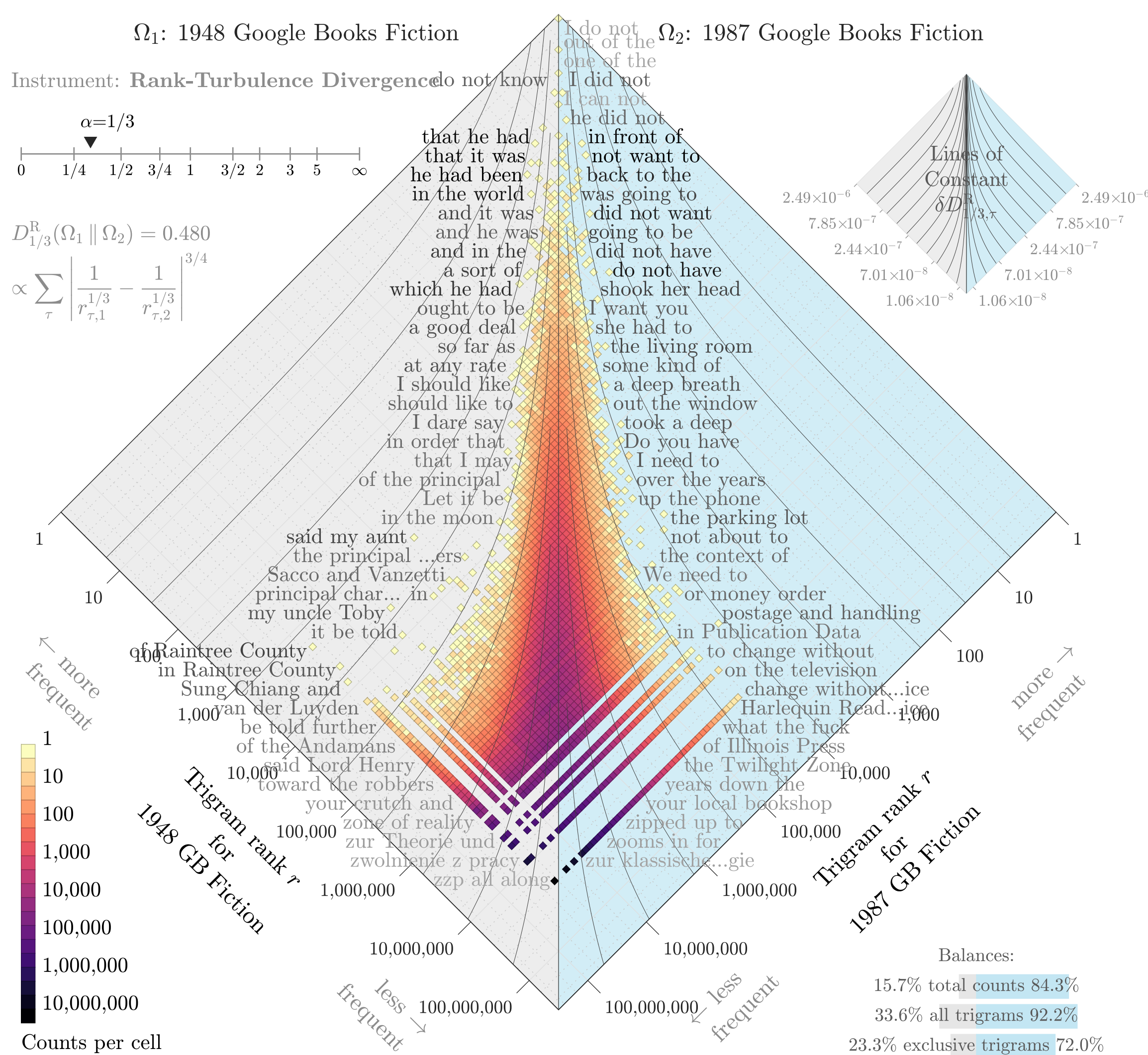
Instrument: Rank-Turbulence Divergence

$\alpha=1/3$



$$D_{1/3}^R(\Omega_1 \parallel \Omega_2) = 0.480$$

$$\propto \sum_{\tau} \left| \frac{1}{r_{\tau,1}^{1/3}} - \frac{1}{r_{\tau,2}^{1/3}} \right|^{3/4}$$

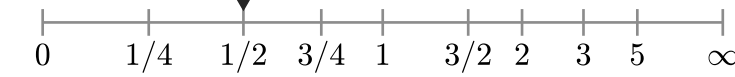


Ω_1 : 1948 Google Books Fiction

Ω_2 : 1987 Google Books Fiction

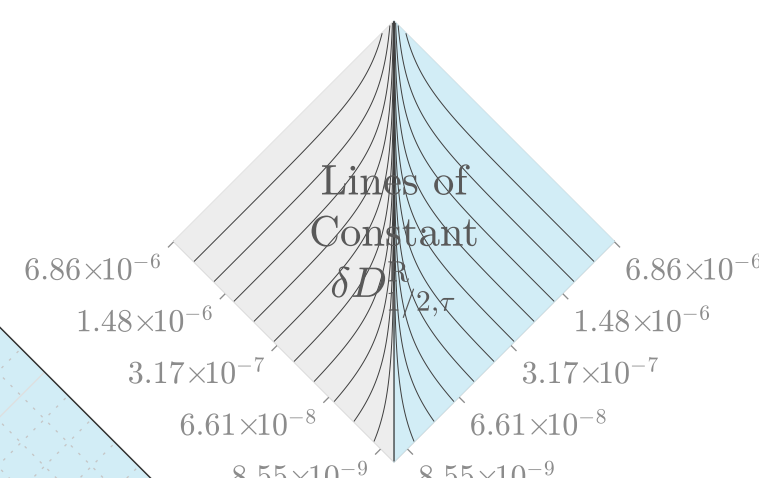
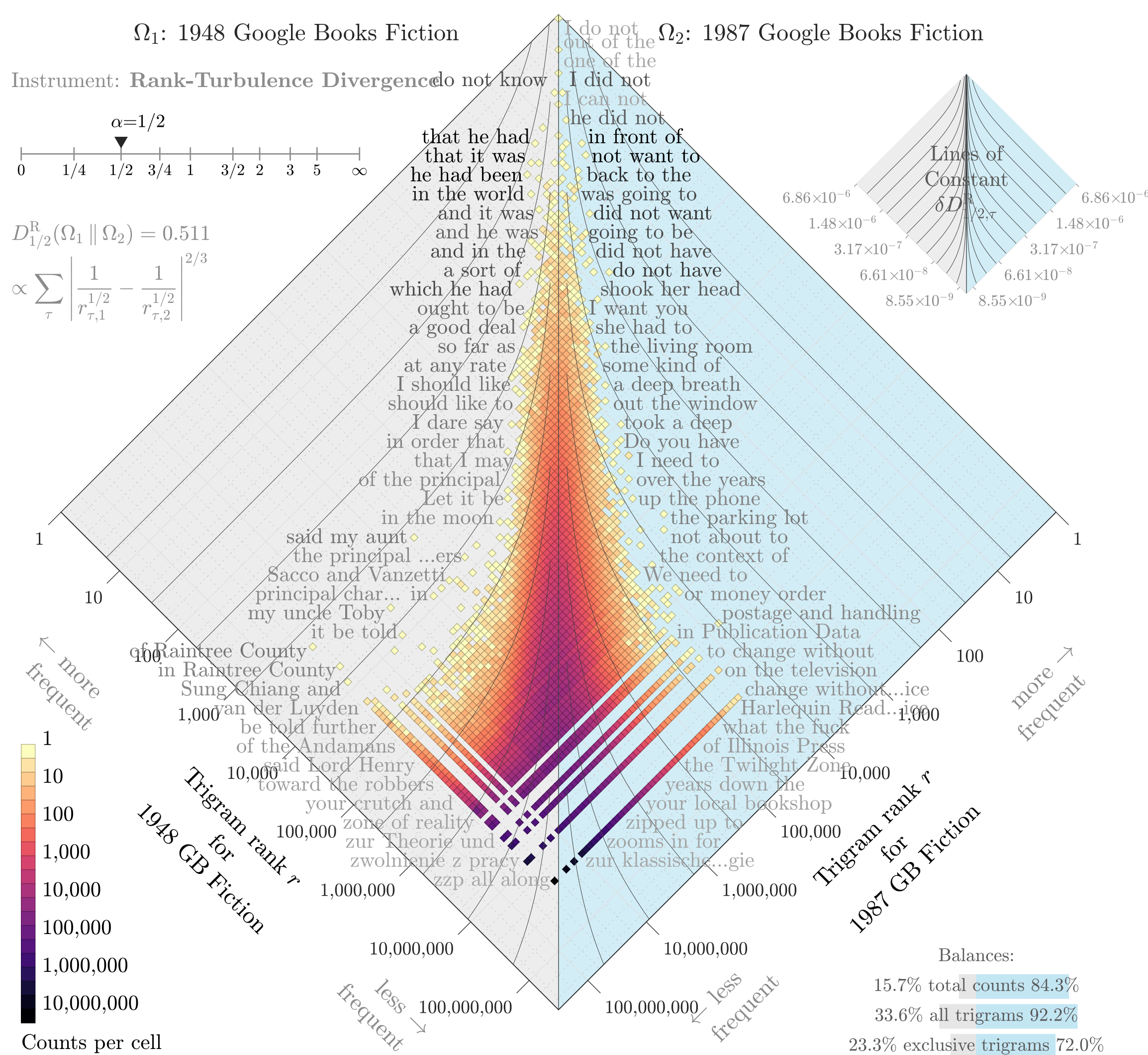
Instrument: Rank-Turbulence Divergence

$\alpha=1/2$

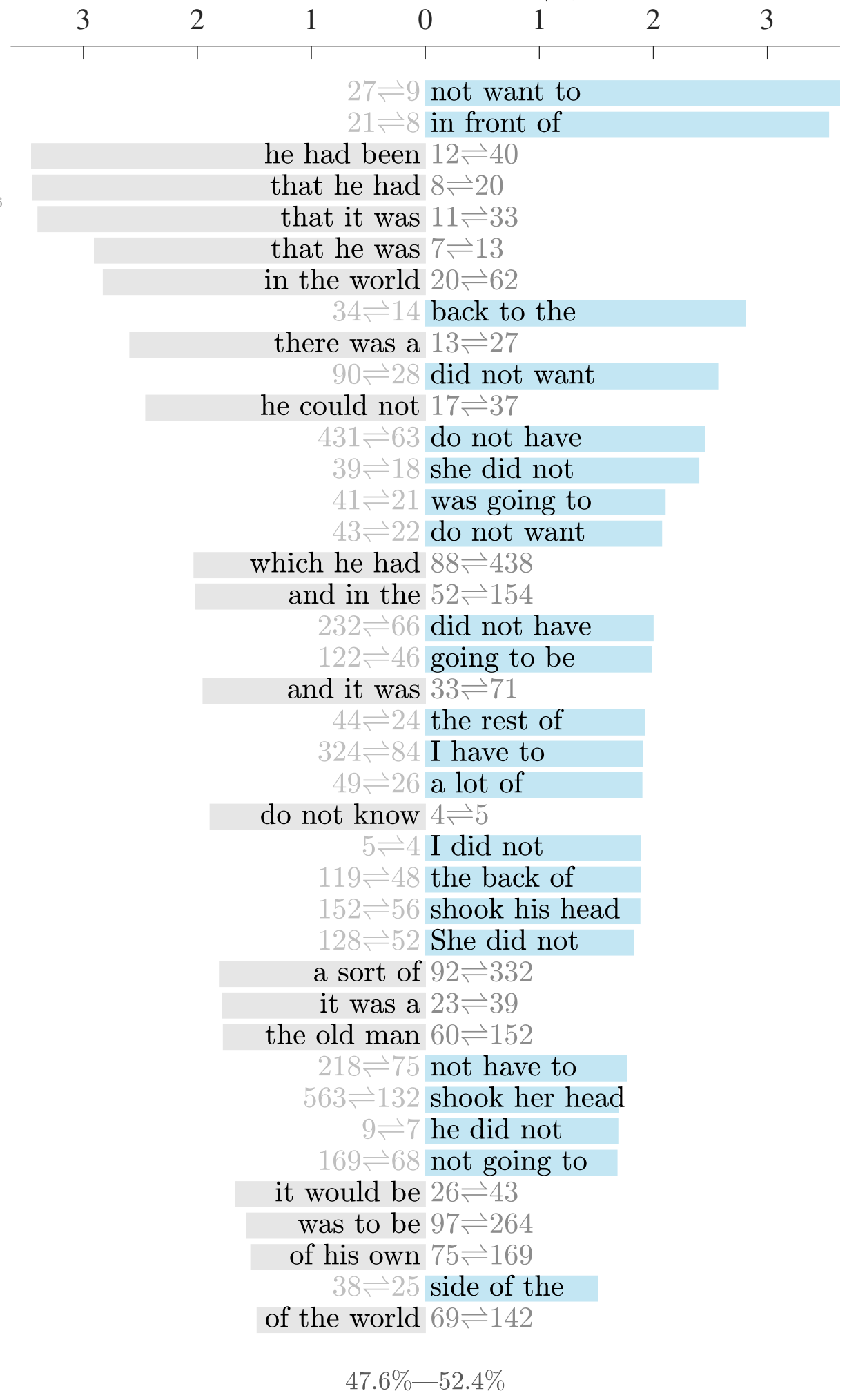


$$D_{1/2}^R(\Omega_1 \parallel \Omega_2) = 0.511$$

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



Divergence contribution $\delta D_{1/2,\tau}^R$ ($\times 10^{-4}\%$)



Balances:
 15.7% total counts 84.3%
 33.6% all trigrams 92.2%
 23.3% exclusive trigrams 72.0%

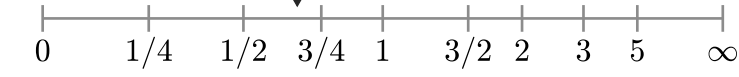
Ω_1 : 1948 Google Books Fiction

Ω_2 : 1987 Google Books Fiction

Divergence contribution $\delta D_{2/3,\tau}^R (\times 10^{-4}\%)$

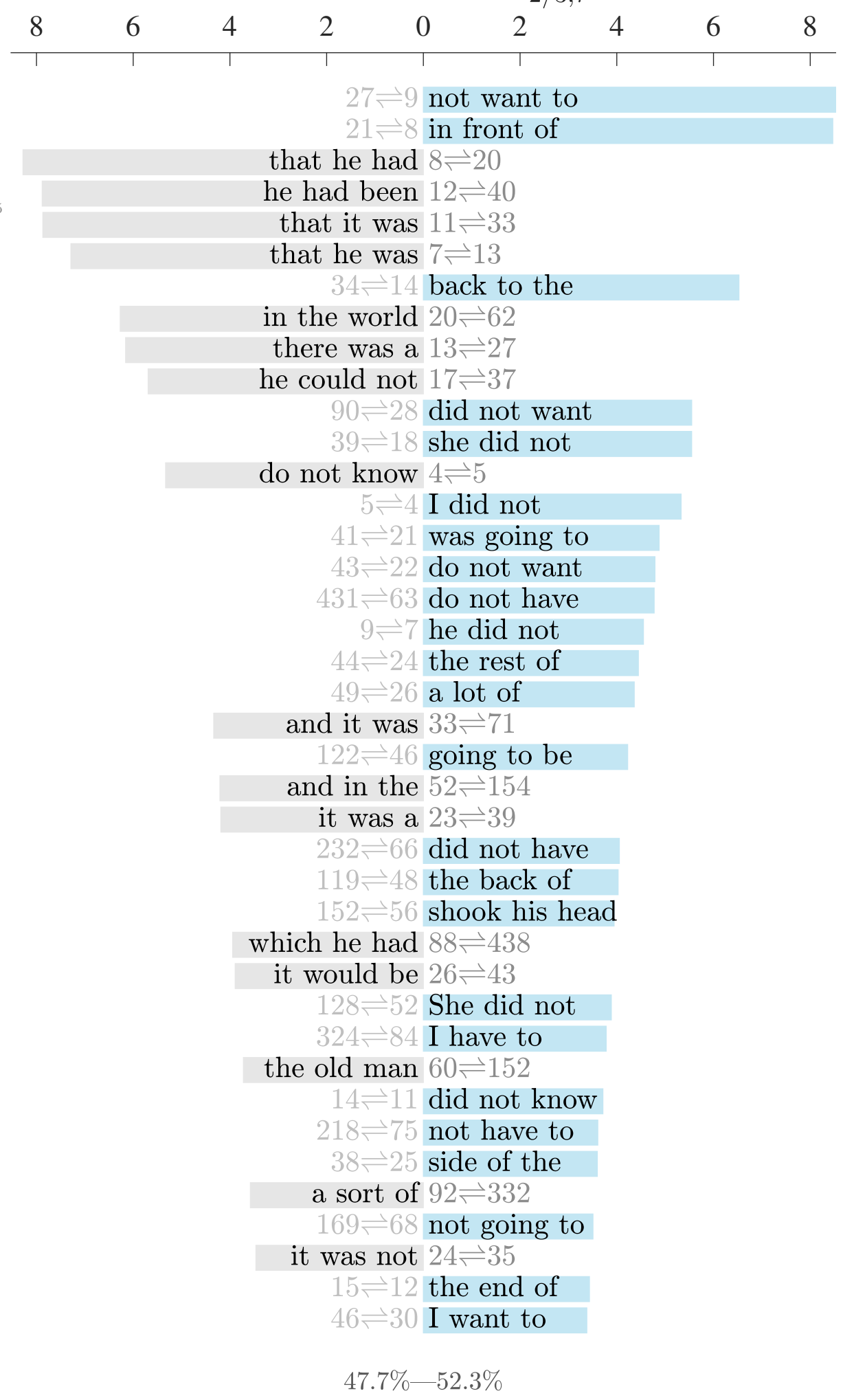
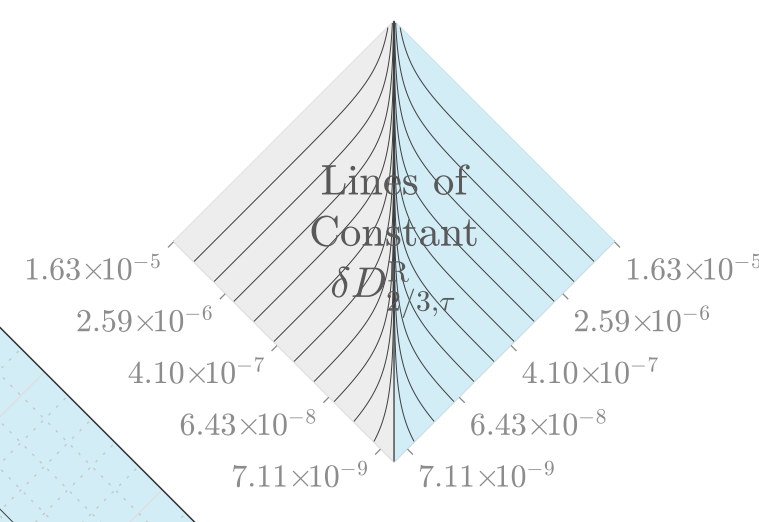
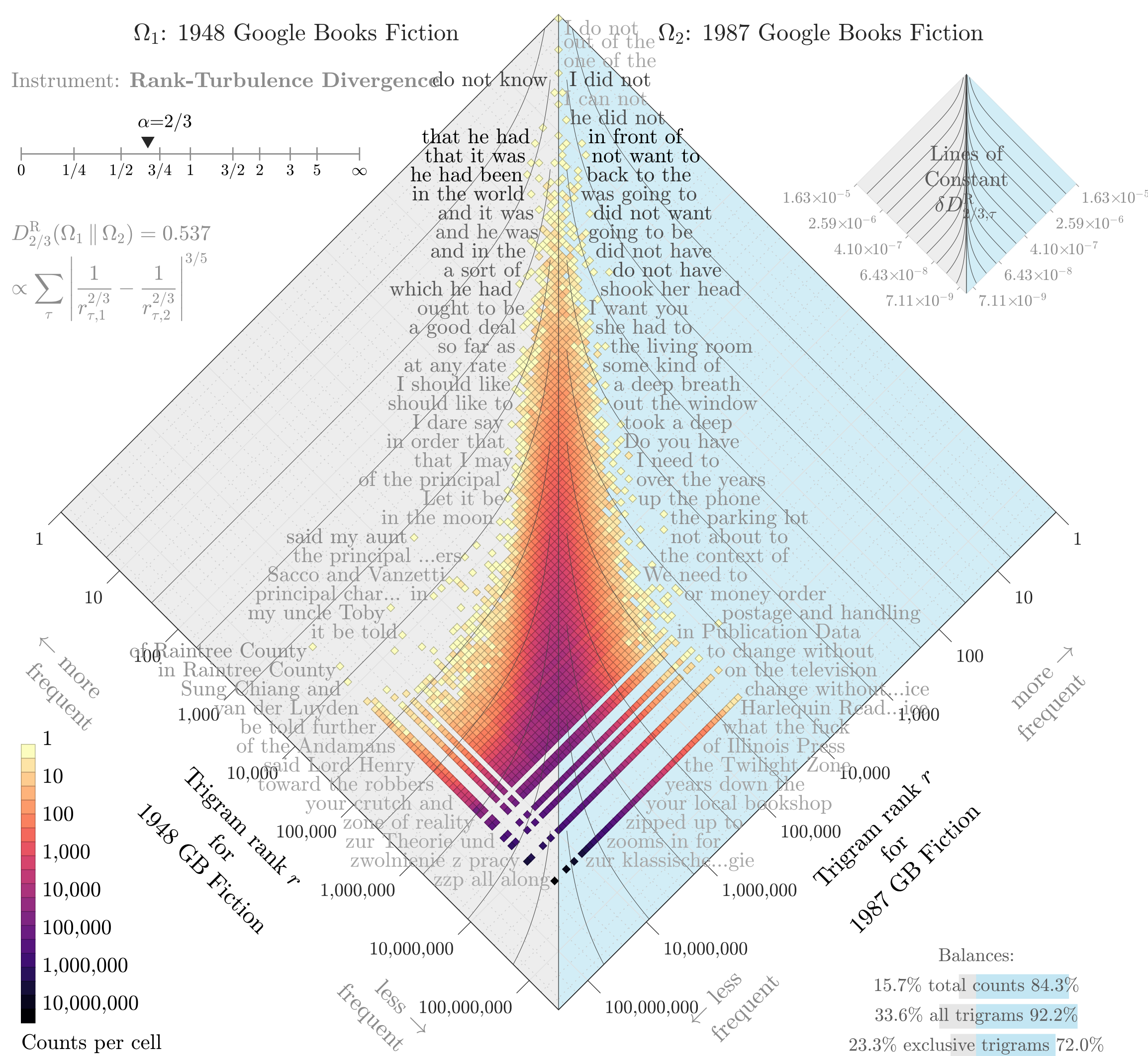
Instrument: Rank-Turbulence Divergence

$\alpha=2/3$



$$D_{2/3}^R(\Omega_1 \parallel \Omega_2) = 0.537$$

$$\propto \sum_{\tau} \left| \frac{1}{r_{\tau,1}^{2/3}} - \frac{1}{r_{\tau,2}^{2/3}} \right|^{3/5}$$



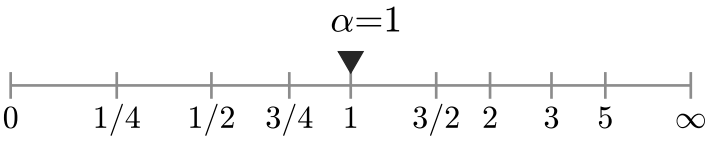
Balances:
 15.7% total counts 84.3%
 33.6% all trigrams 92.2%
 23.3% exclusive trigrams 72.0%

Ω_1 : 1948 Google Books Fiction

Ω_2 : 1987 Google Books Fiction

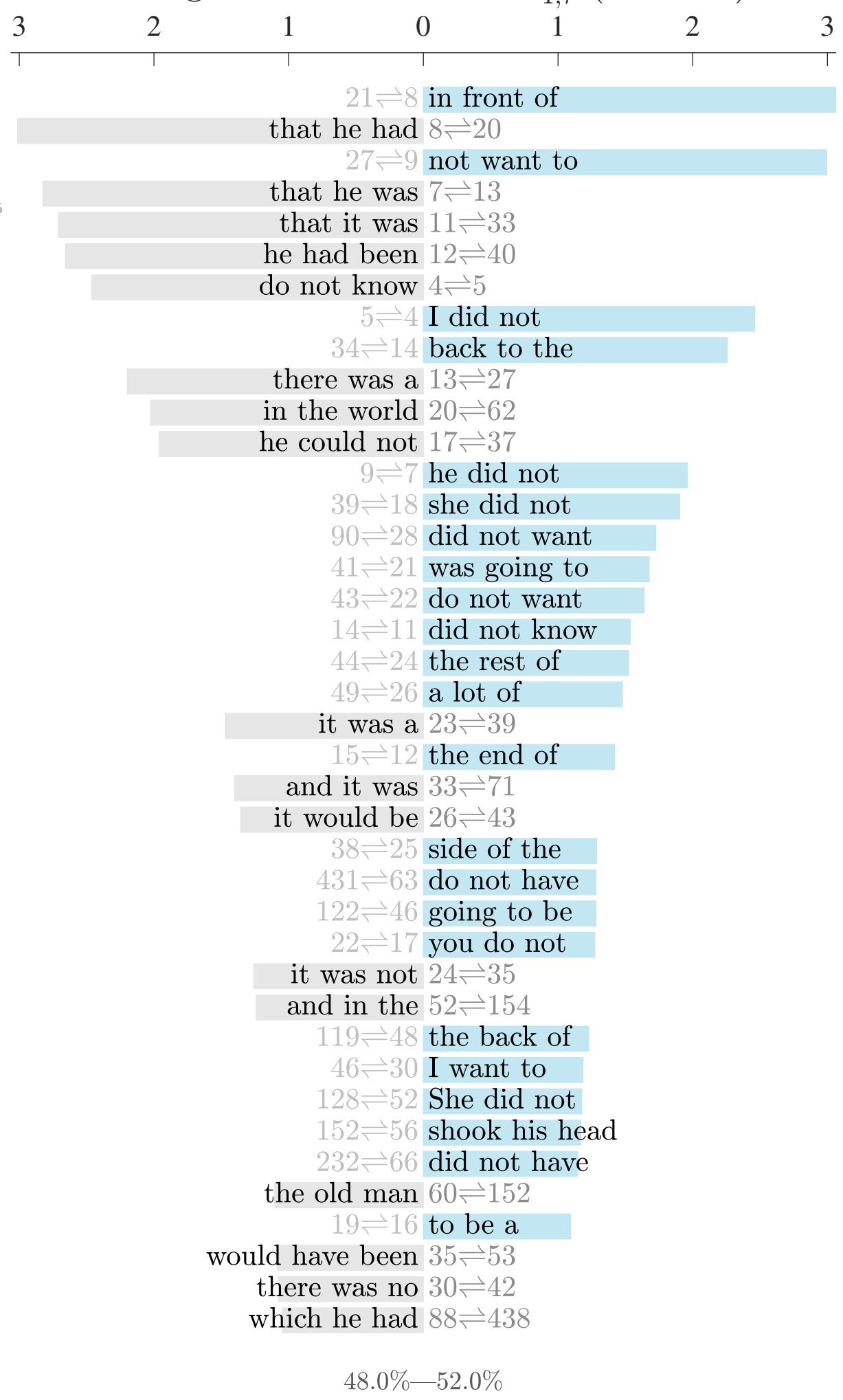
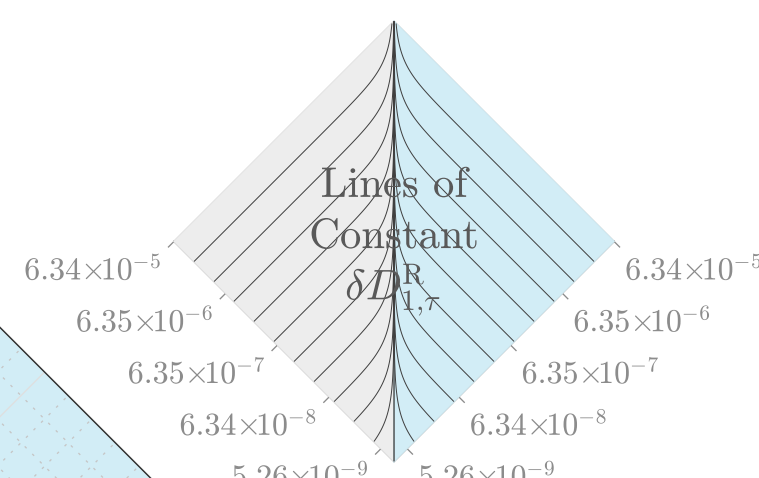
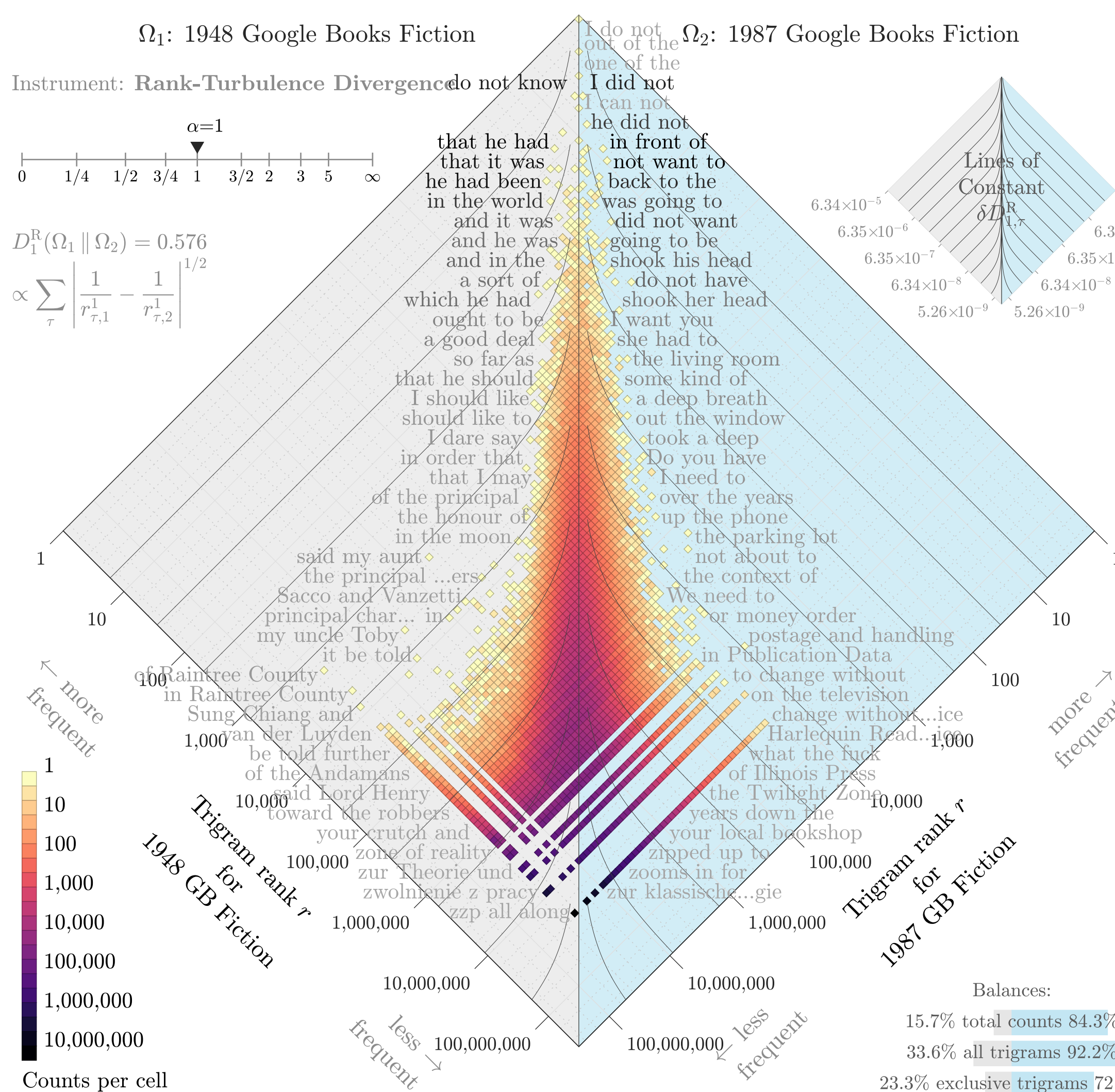
Divergence contribution $\delta D_{1,\tau}^R (\times 10^{-3}\%)$

Instrument: Rank-Turbulence Divergence



$$D_1^R(\Omega_1 \parallel \Omega_2) = 0.576$$

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



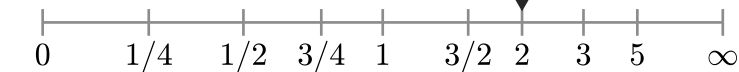
Counts per cell

Ω_1 : 1948 Google Books Fiction

Ω_2 : 1987 Google Books Fiction

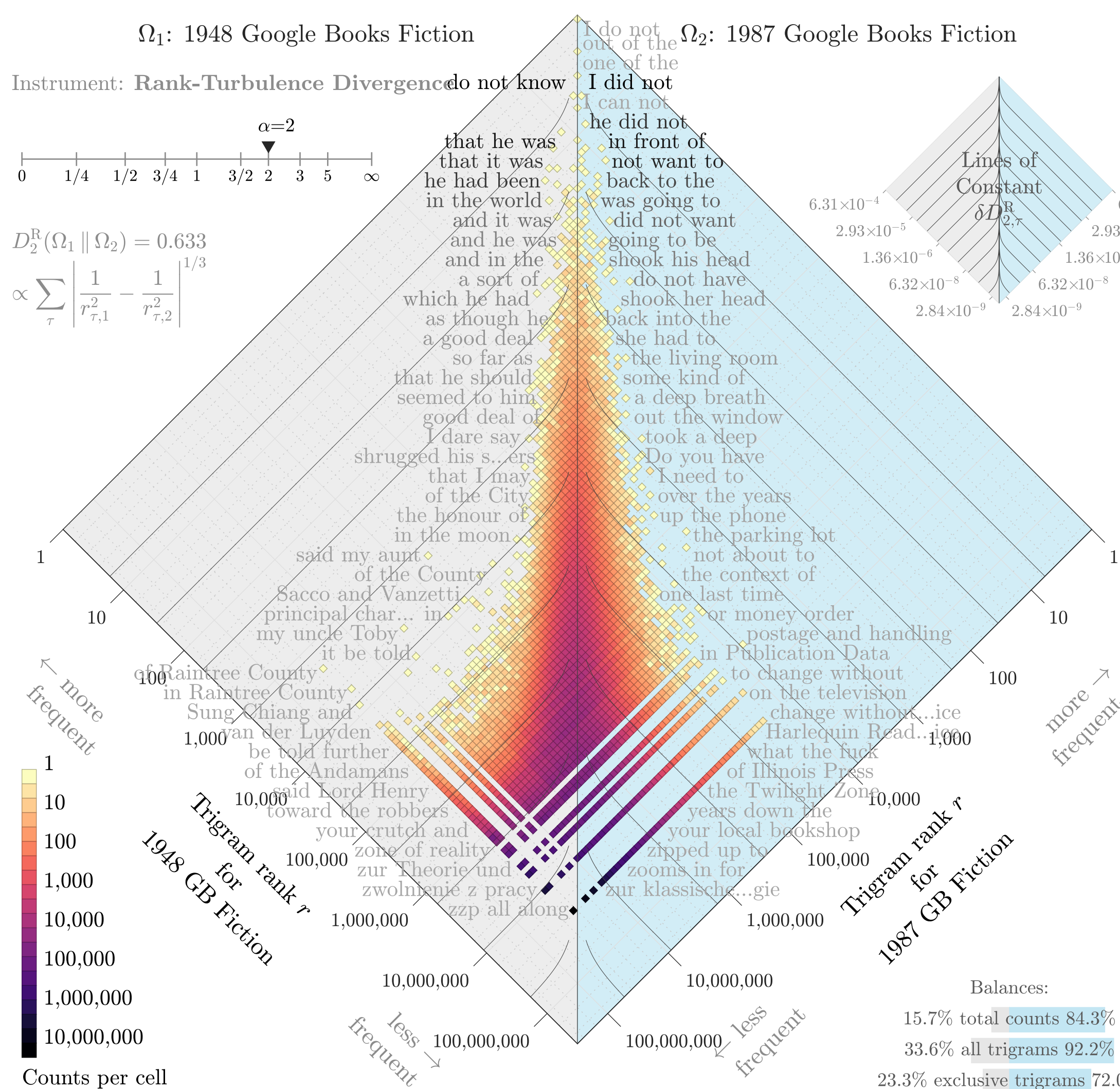
Instrument: Rank-Turbulence Divergence

$\alpha=2$



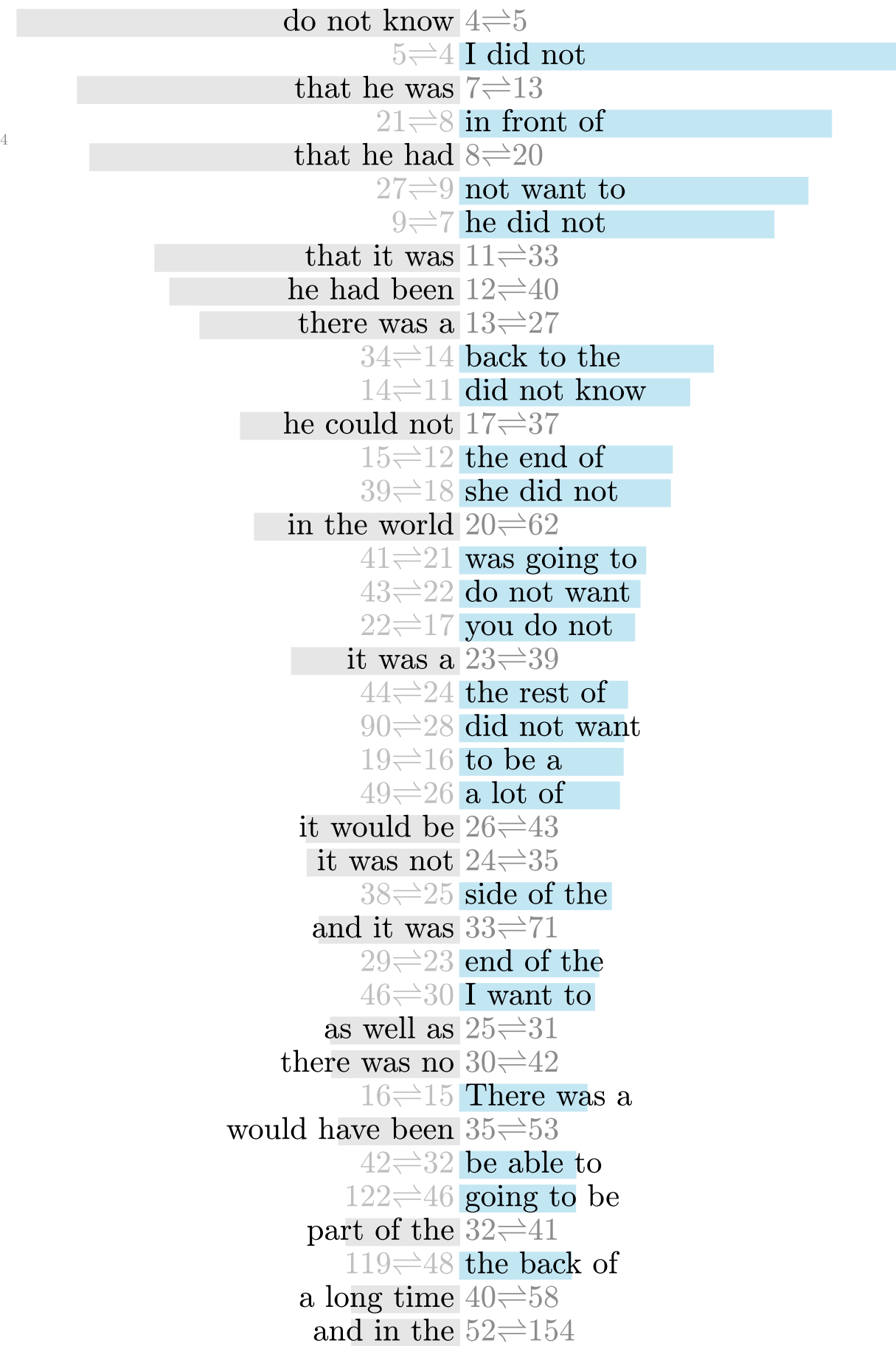
$$D_2^R(\Omega_1 \parallel \Omega_2) = 0.633$$

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



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

0.02 0.01 0 0.01 0.02



Balances:
 15.7% total counts 84.3%
 33.6% all trigrams 92.2%
 23.3% exclusive trigrams 72.0%

48.9%—51.1%

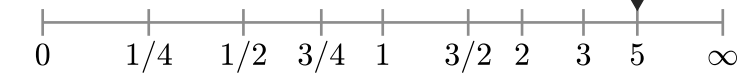
Ω_1 : 1948 Google Books Fiction

Ω_2 : 1987 Google Books Fiction

Divergence contribution $\delta D_{5,\tau}^R$ (%)

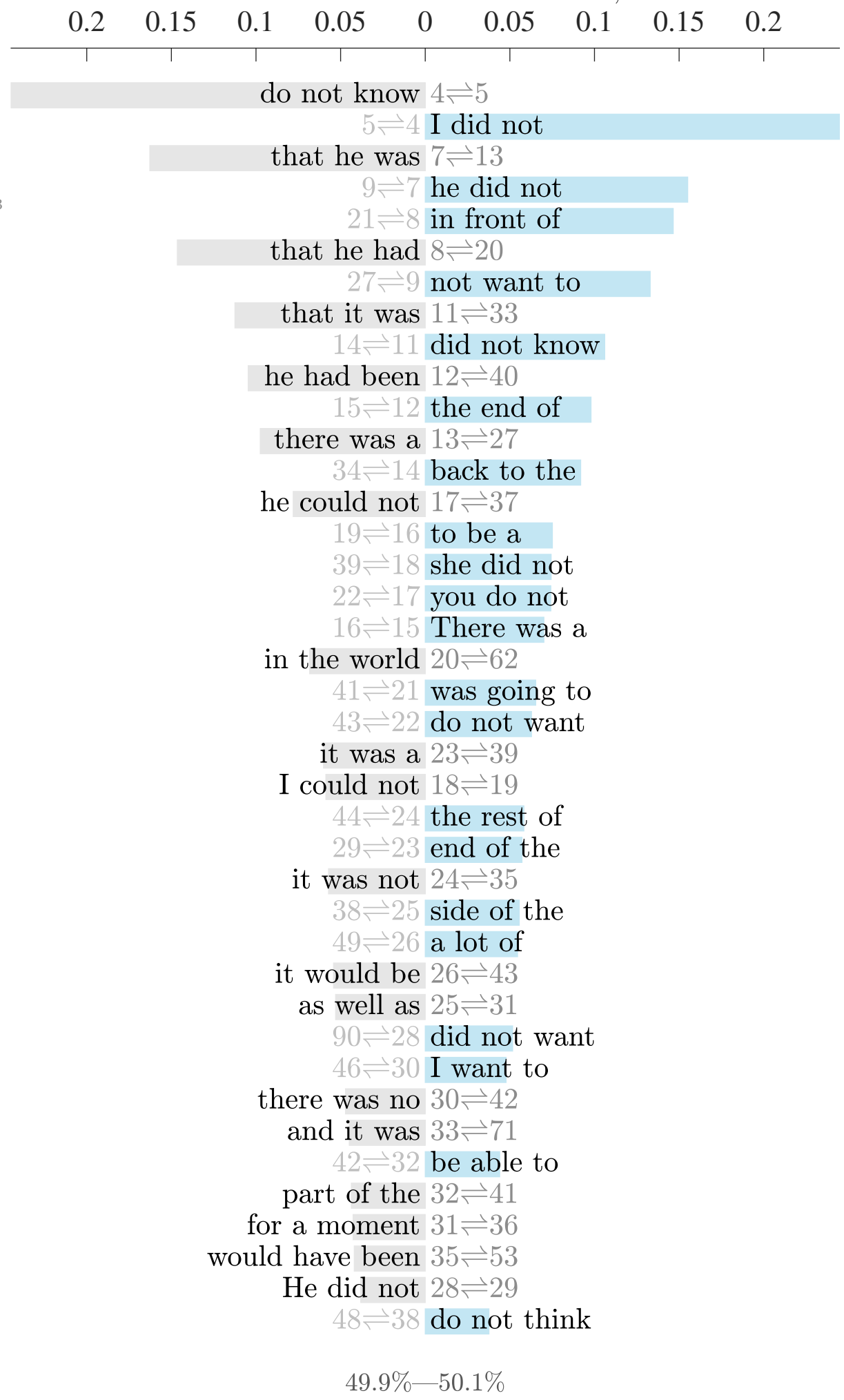
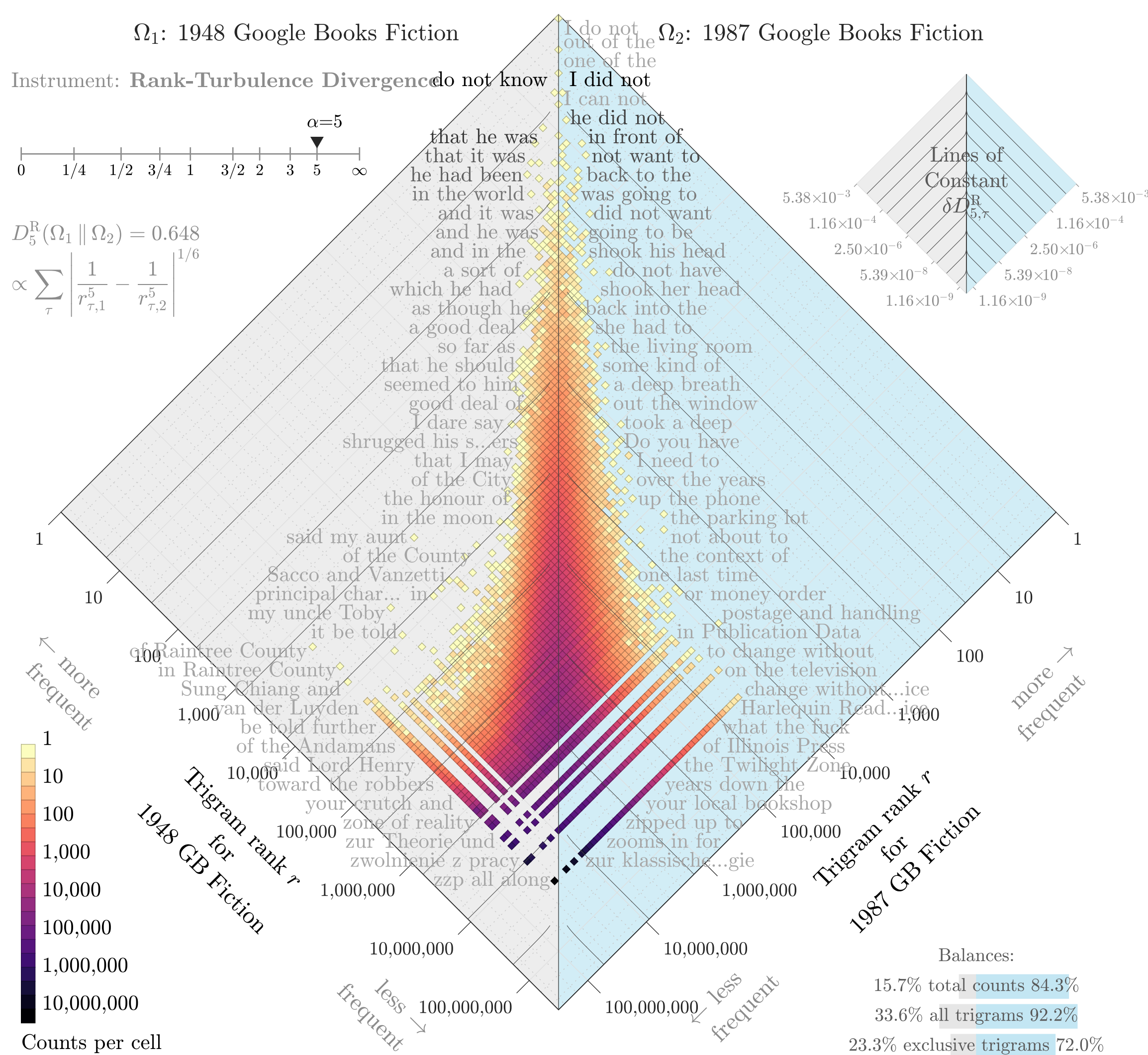
Instrument: Rank-Turbulence Divergence

$\alpha=5$



$$D_5^R(\Omega_1 \parallel \Omega_2) = 0.648$$

$$\propto \sum_{\tau} \left| \frac{1}{r_{\tau,1}^5} - \frac{1}{r_{\tau,2}^5} \right|^{1/6}$$

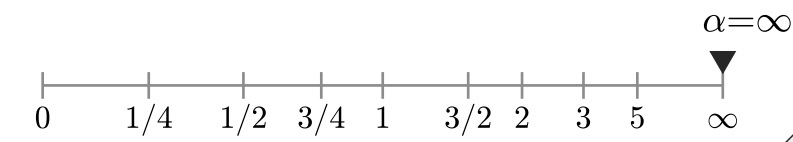


Ω_1 : 1948 Google Books Fiction

Ω_2 : 1987 Google Books Fiction

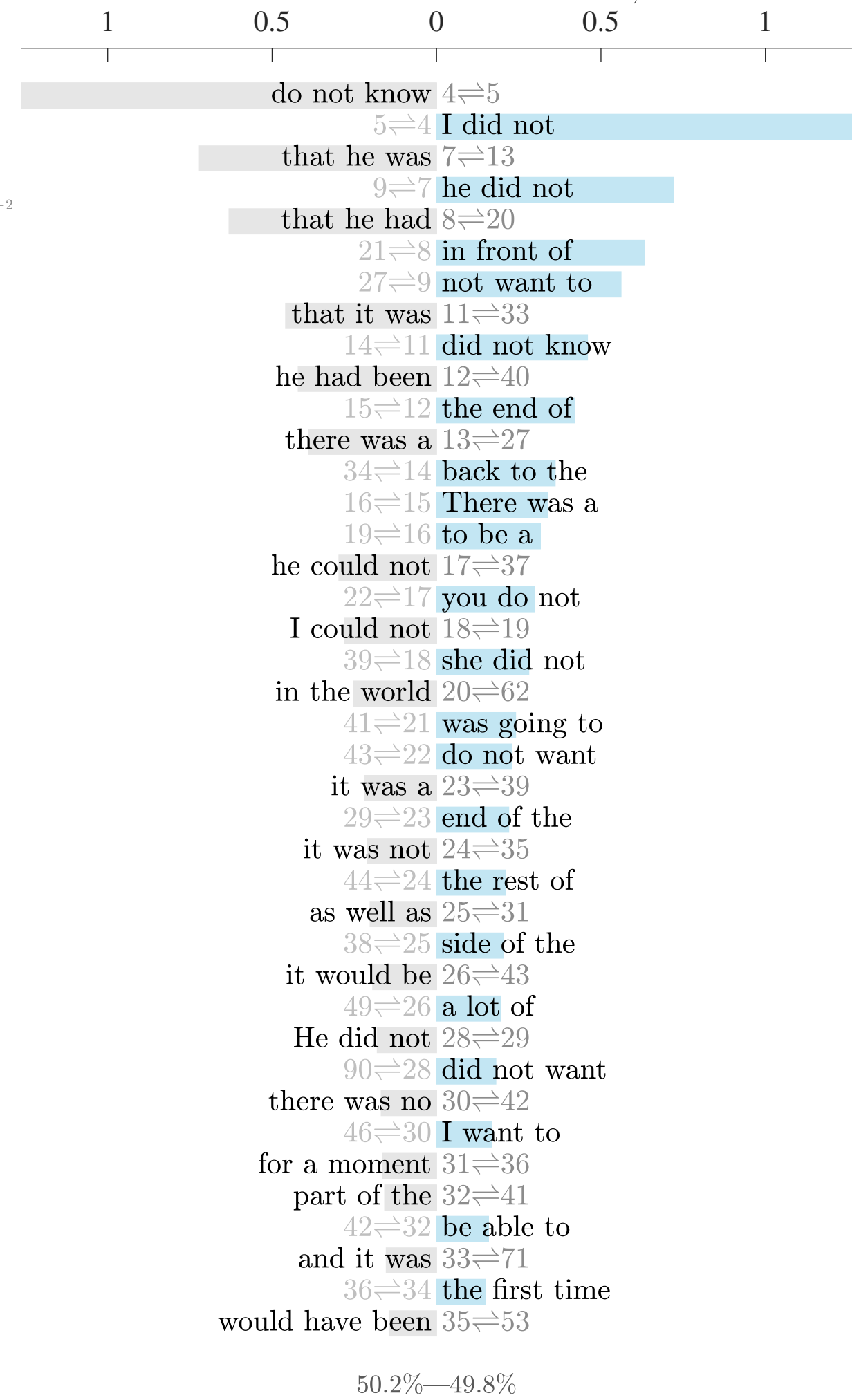
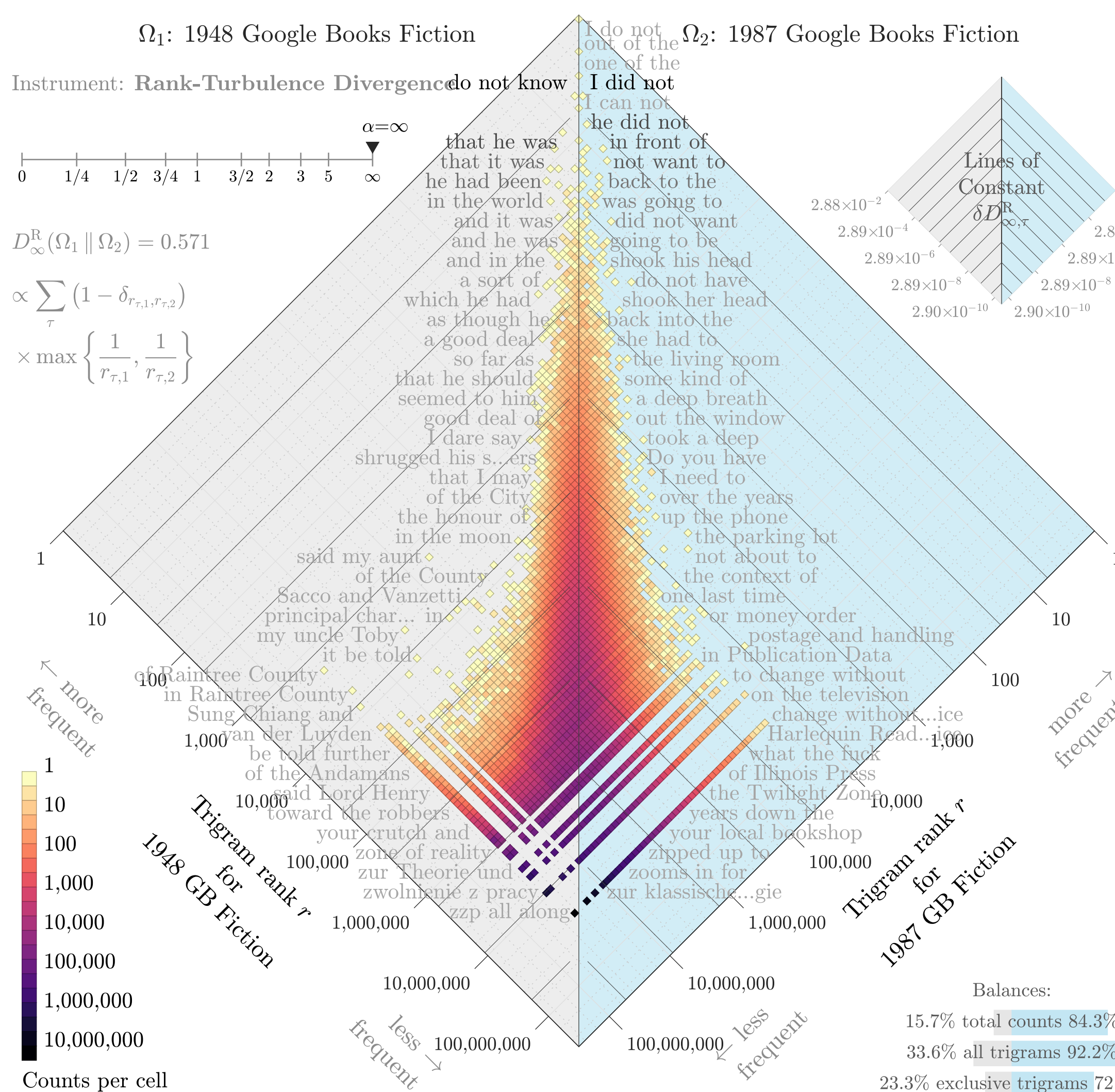
Divergence contribution $\delta D_{\infty, \tau}^R$ (%)

Instrument: Rank-Turbulence Divergence



$$D_{\infty}^R(\Omega_1 \parallel \Omega_2) = 0.571$$

$$\propto \sum_{\tau} (1 - \delta_{r_{\tau,1}, r_{\tau,2}}) \times \max \left\{ \frac{1}{r_{\tau,1}}, \frac{1}{r_{\tau,2}} \right\}$$



Counts per cell