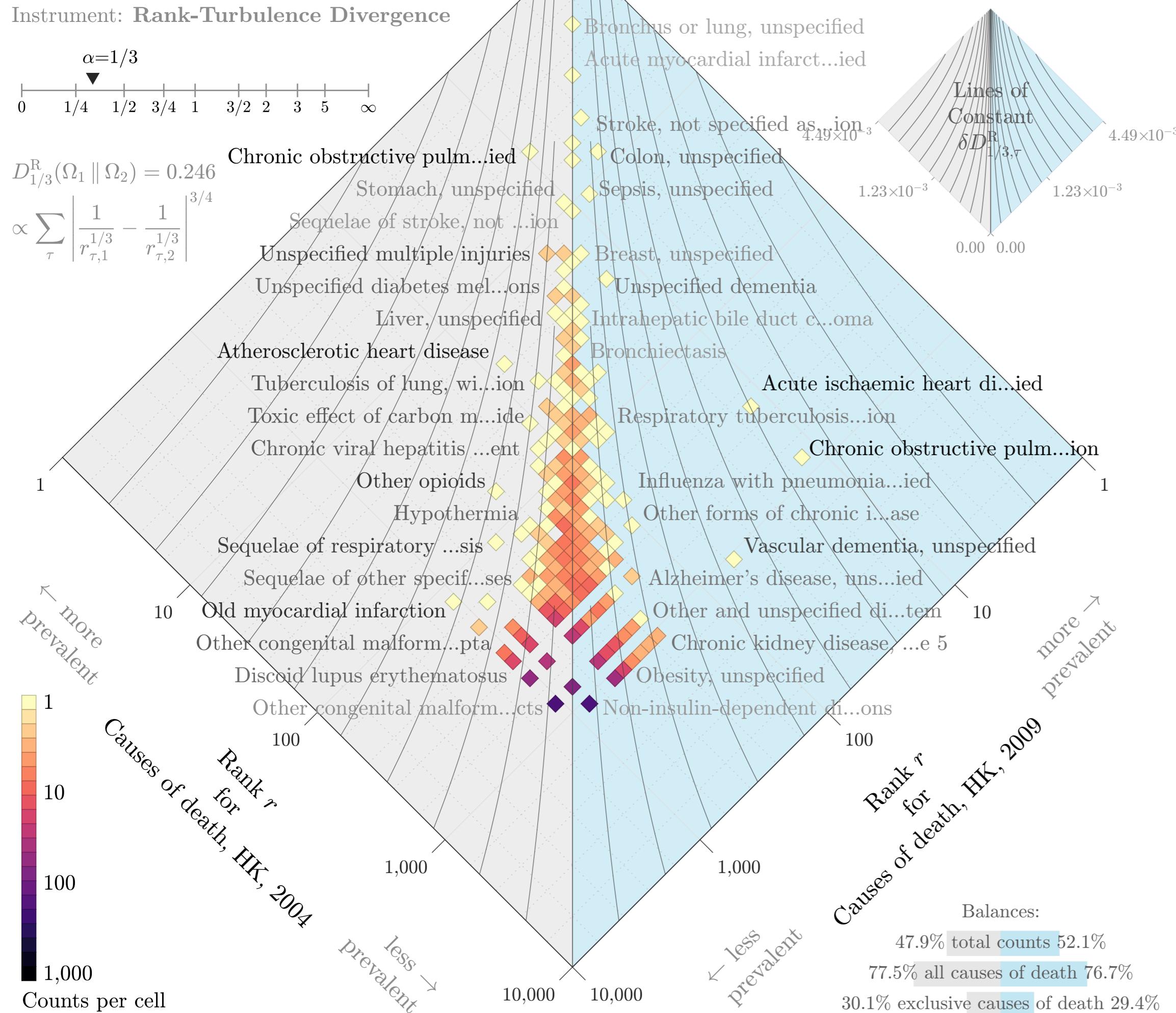
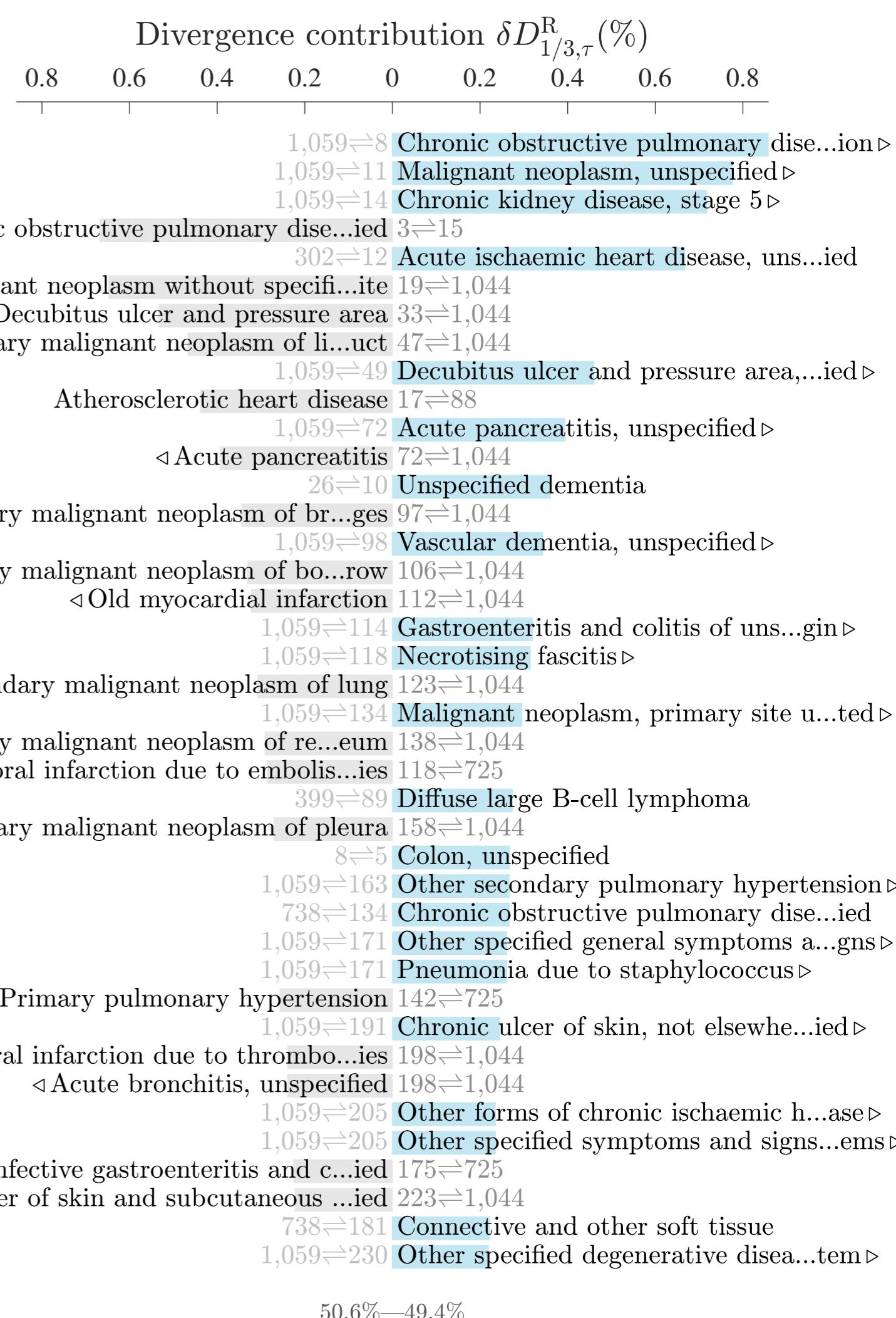
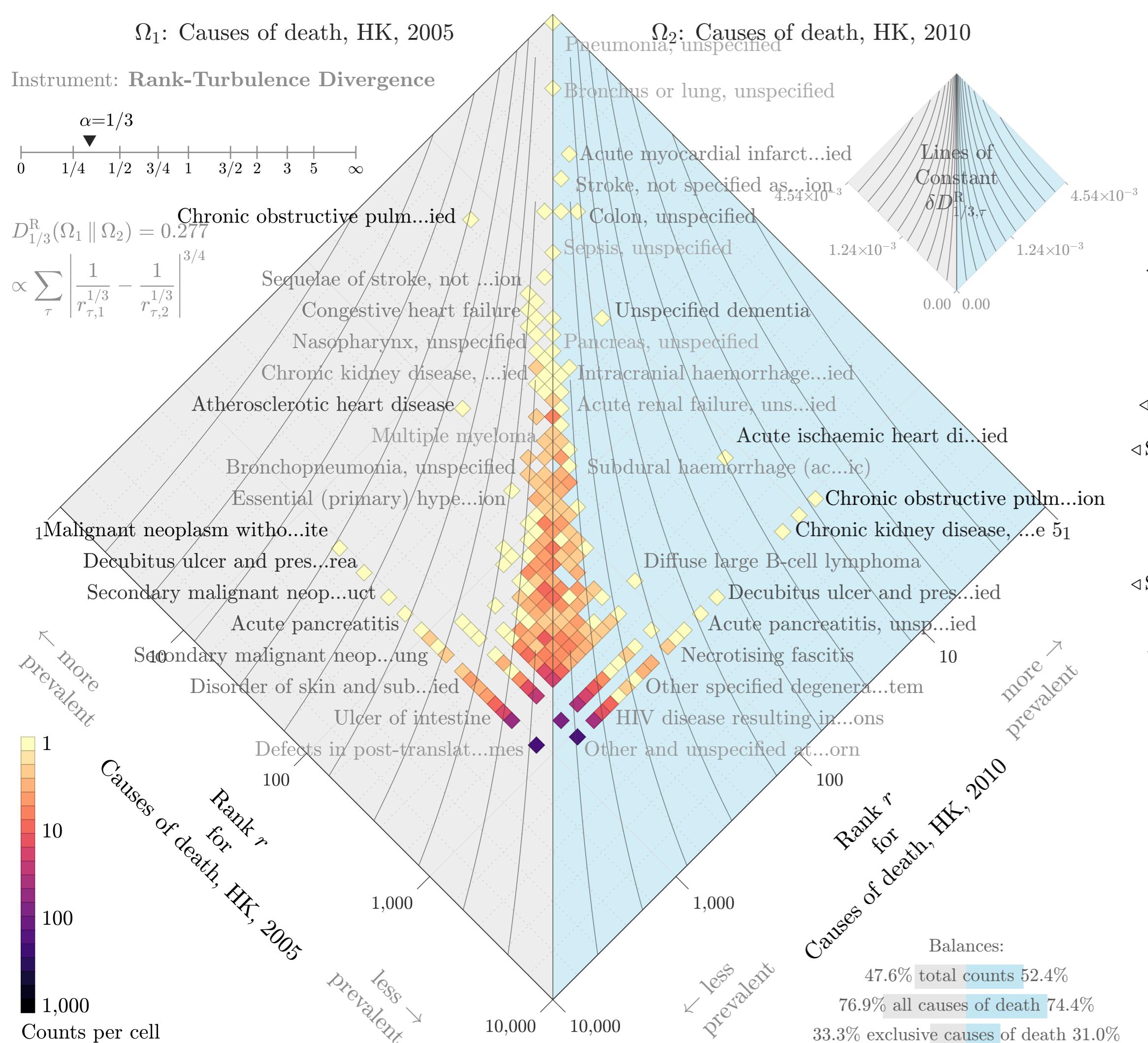
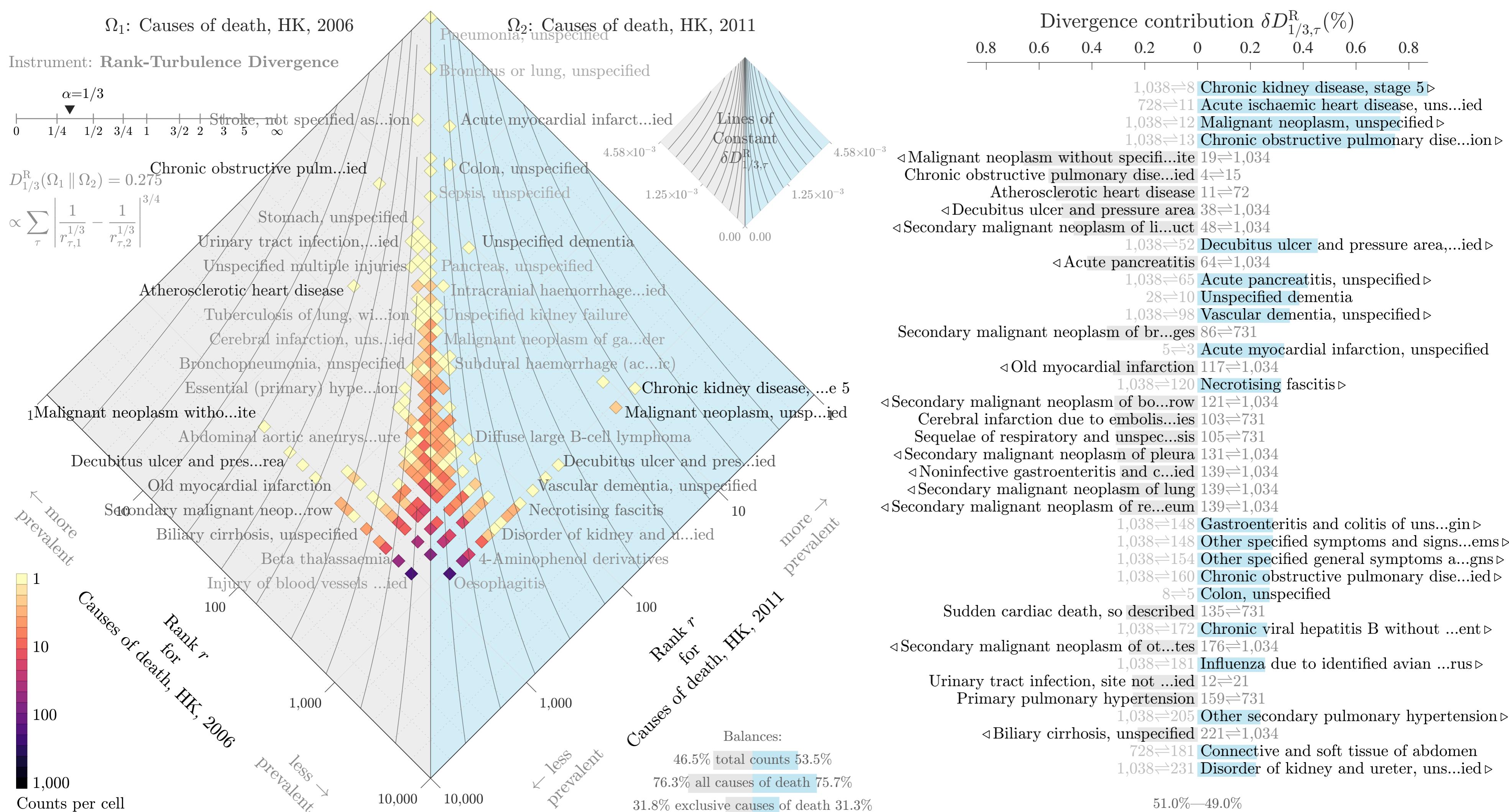
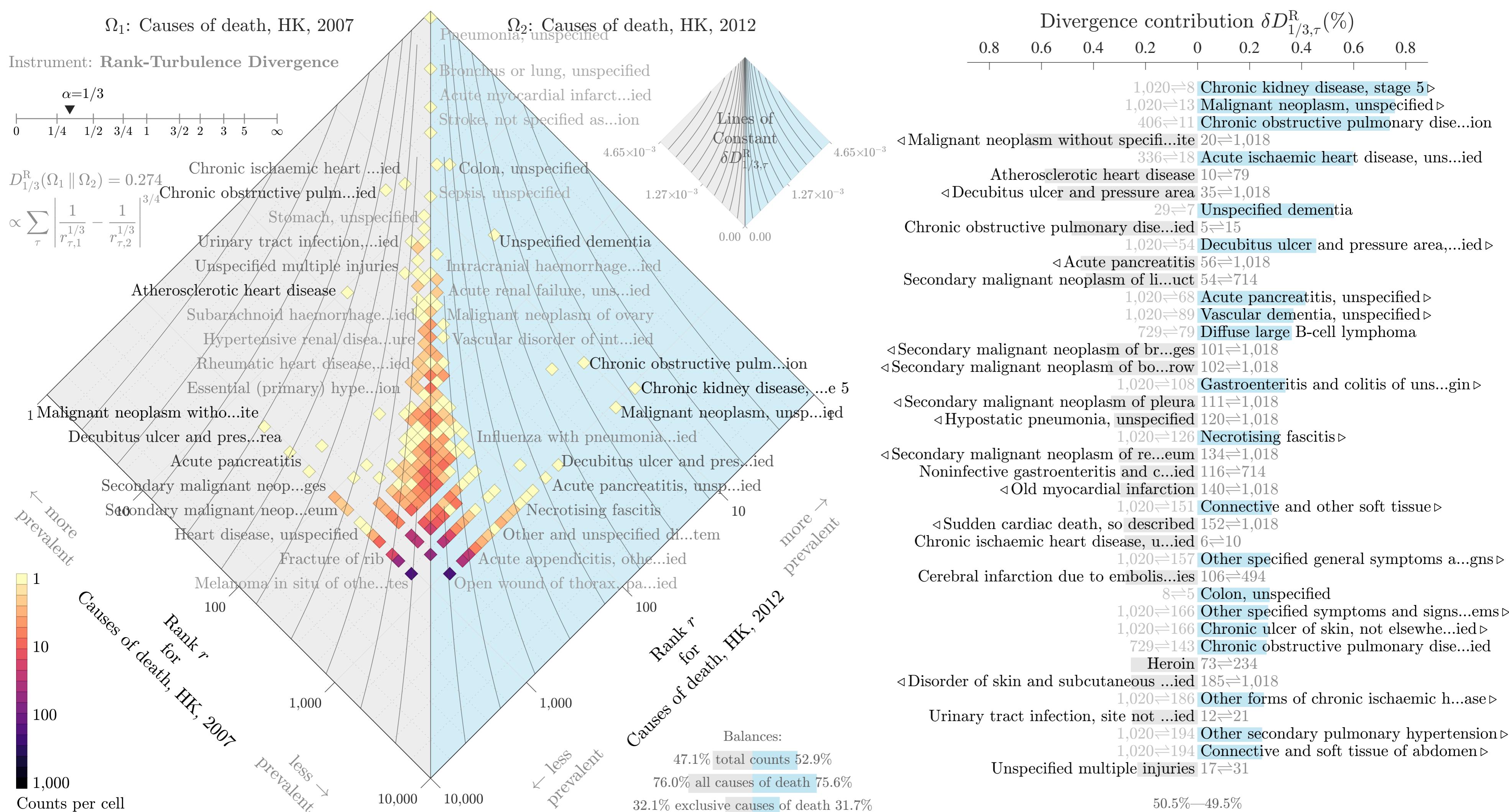


Ω_1 : Causes of death, HK, 2004 Ω_2 : Causes of death, HK, 2009Divergence contribution $\delta D_{1/3,\tau}^R (\%)$

	0.6	0.4	0.2	0	0.2	0.4	0.6
758⇒13	Chronic obstructive pulmonary disease						
297⇒12	Acute ischaemic heart disease, unspecified						
1,060⇒59	Vascular dementia, unspecified ▷						
	Chronic obstructive pulmonary disease 4⇒9						
	Atherosclerotic heart disease 23⇒85						
	Old myocardial infarction 131⇒1,055						
	Other opioids 71⇒279						
	Colon, unspecified 8⇒5						
	Sequelae of respiratory and unspecified 101⇒414						
	Scoliosis, unspecified 190⇒1,055						
	Hypostatic pneumonia, unspecified 190⇒1,055						
	Unspecified multiple injuries 12⇒21						
	Calculus of bile duct with cholangitis 171⇒752						
	Unspecified dementia 26⇒15						
	Chronic kidney disease, stage 5 ▷						
	Malignant neoplasm, unspecified ▷						
	Connective and other soft tissue ▷						
	Influenza with pneumonia, other specified 238⇒89						
	Other forms of chronic ischaemic heart 330⇒113						
	Inflammatory disorders of other systems ▷ 1,060⇒254						
	Pneumonia due to staphylococcus ▷ 1,060⇒254						
	Other specified general symptoms and signs ▷ 1,060⇒254						
	Tuberculosis of lung, without mention 37⇒71						
	Alzheimer's disease, unspecified 517⇒162						
	Intracerebral haemorrhage, unspecified 13⇒20						
	Other and unspecified disorders of the 758⇒219						
	Toxic effect of carbon monoxide 51⇒100						
	Hyperlipidaemia, unspecified 517⇒177						
	Cerebral infarction due to embolisms 125⇒317						
	Chronic viral hepatitis B without mention 74⇒155						
	Other congenital malformations of the 297⇒1,055						
	Follicular lymphoma, unspecified ▷ 1,060⇒317						
	Gastroenteritis and colitis of unknown 1,060⇒317						
	Legionnaires' disease ▷ 1,060⇒317						
	Respiratory tuberculosis unspecified ▷ 101⇒55						
	Peripheral T-cell lymphoma, not classified 758⇒254						
	Diverticular disease of intestine, unspecified 758⇒254						
	Chronic hepatitis, unspecified 397⇒162						
	Lobar pneumonia, unspecified 397⇒162						
	Mesothelioma, unspecified 397⇒162						





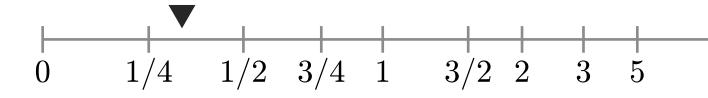


Ω_1 : Causes of death, HK, 2008

Ω_2 : Causes of death, HK, 2013

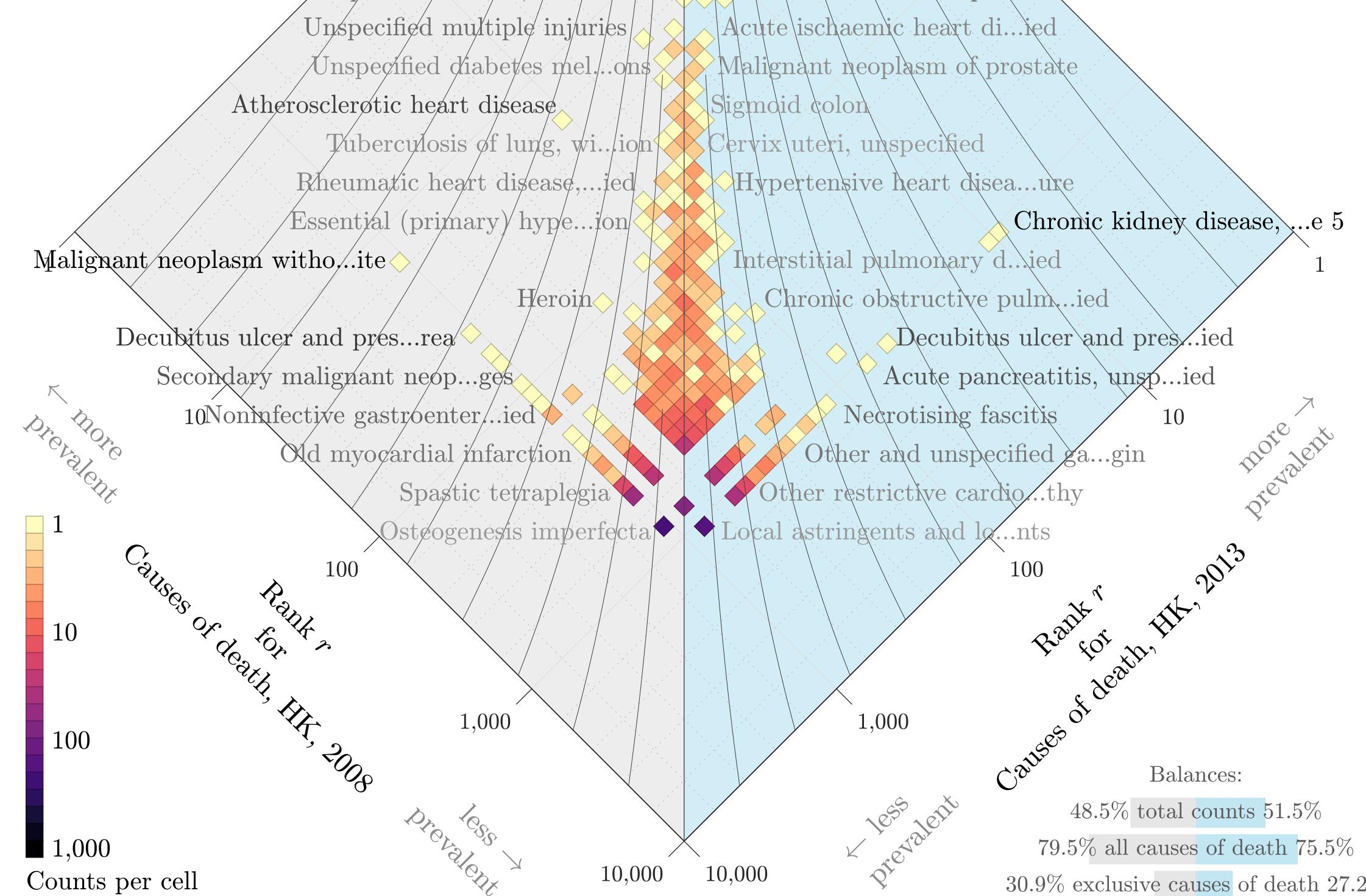
Instrument: Rank-Turbulence Divergence

$$\alpha=1/3$$

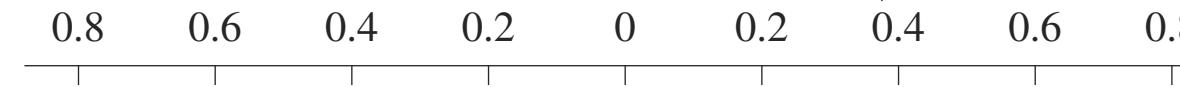


$$D_{1/3}^R(\Omega_1 \parallel \Omega_2) = 0.258$$

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



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



1,065⇒9 Chronic kidney disease, stage 5▷
1,065⇒11 Malignant neoplasm, unspecified▷

▷ Malignant neoplasm without specifi...ite
Chronic obstructive pulmona...ied
Decubitus ulcer and pressure area

20⇒6 Unspecified dementia
1,065⇒53 Decubitus ulcer and pressure area,...ied▷

Atherosclerotic heart disease
Secondary malignant neoplasm of li...uct

58⇒1,041 Acute pancreatitis
63⇒1,041

1,065⇒65 Acute pancreatitis, unspecified▷
772⇒79 Diffuse large B-cell lymphoma

96⇒1,041 Secondary malignant neoplasm of br...ges
105⇒1,041 Secondary malignant neoplasm of bo...row

1,065⇒117 Necrotising fascitis▷
135⇒1,041 Noninfective gastroenteritis and c...ied

140⇒1,041 Disorder of skin and subcutaneous ...ied
144⇒1,041 Secondary malignant neoplasm of pleura

151⇒1,041 Secondary malignant neoplasm of re...eum
6⇒10 Chronic ischaemic heart disease, u...ied

8⇒5 Colon, unspecified
1,065⇒165 Other secondary pulmonary hypertension

22⇒12 Chronic obstructive pulmonary dise...ion
1,065⇒180 Acute hepatitis B without delta-ag...oma

17⇒33 Unspecified multiple injuries
190⇒1,041 Sudden cardiac death, so described

157⇒745 Pulmonary heart disease, unspecified
157⇒745 Secondary malignant neoplasm of lung

93⇒304 Heroin
1,065⇒213 Other and unspecified gastroenteri...gin▷

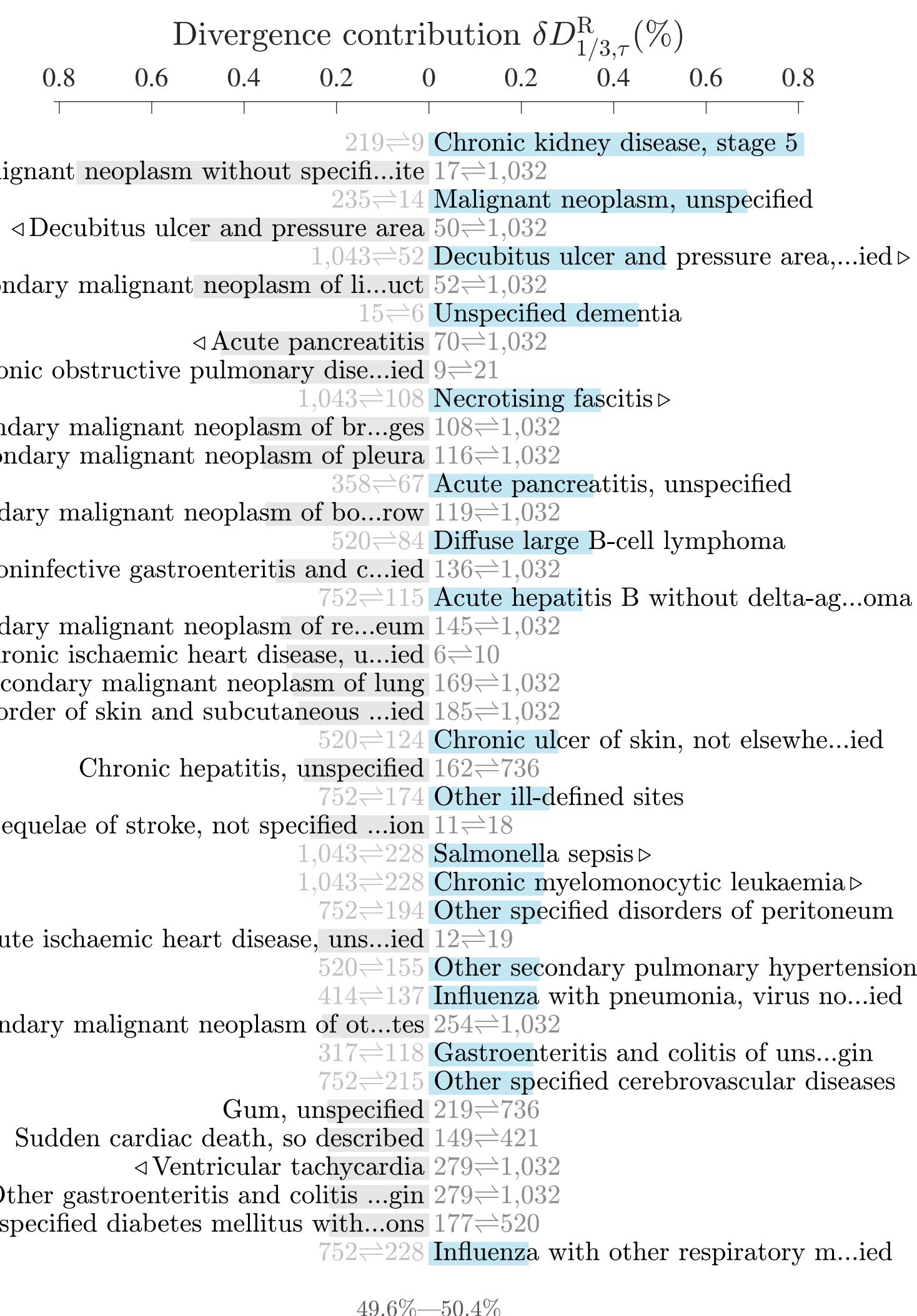
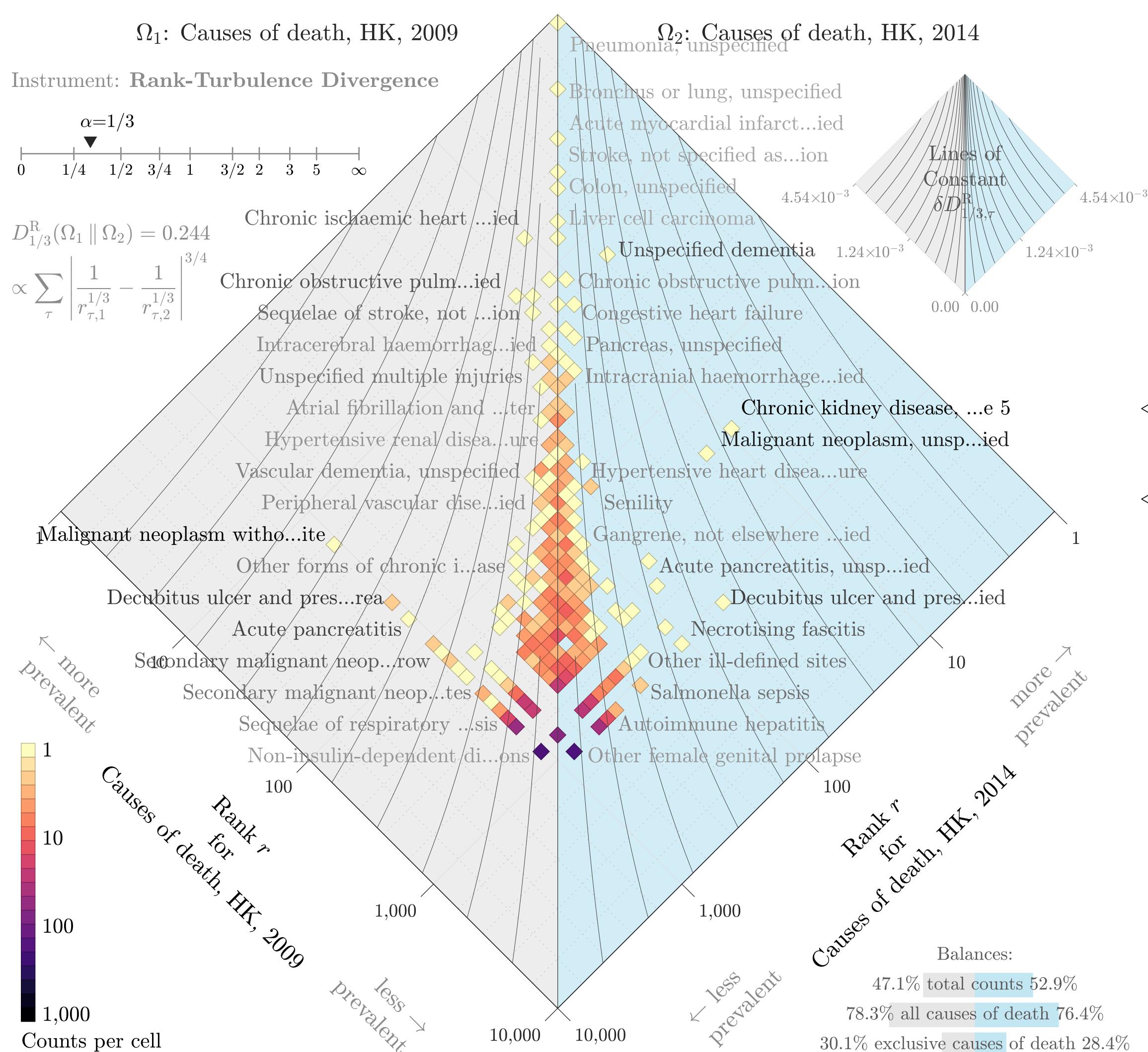
10⇒16 Congestive heart failure
233⇒1,041 Old myocardial infarction

13⇒21 Sequelae of stroke, not specified ...ion
1,065⇒241 Disorder of kidney and ureter, uns...ied

772⇒200 Influenza with other respiratory m...ied
772⇒200 Chronic nephritic syndrome, unspecified

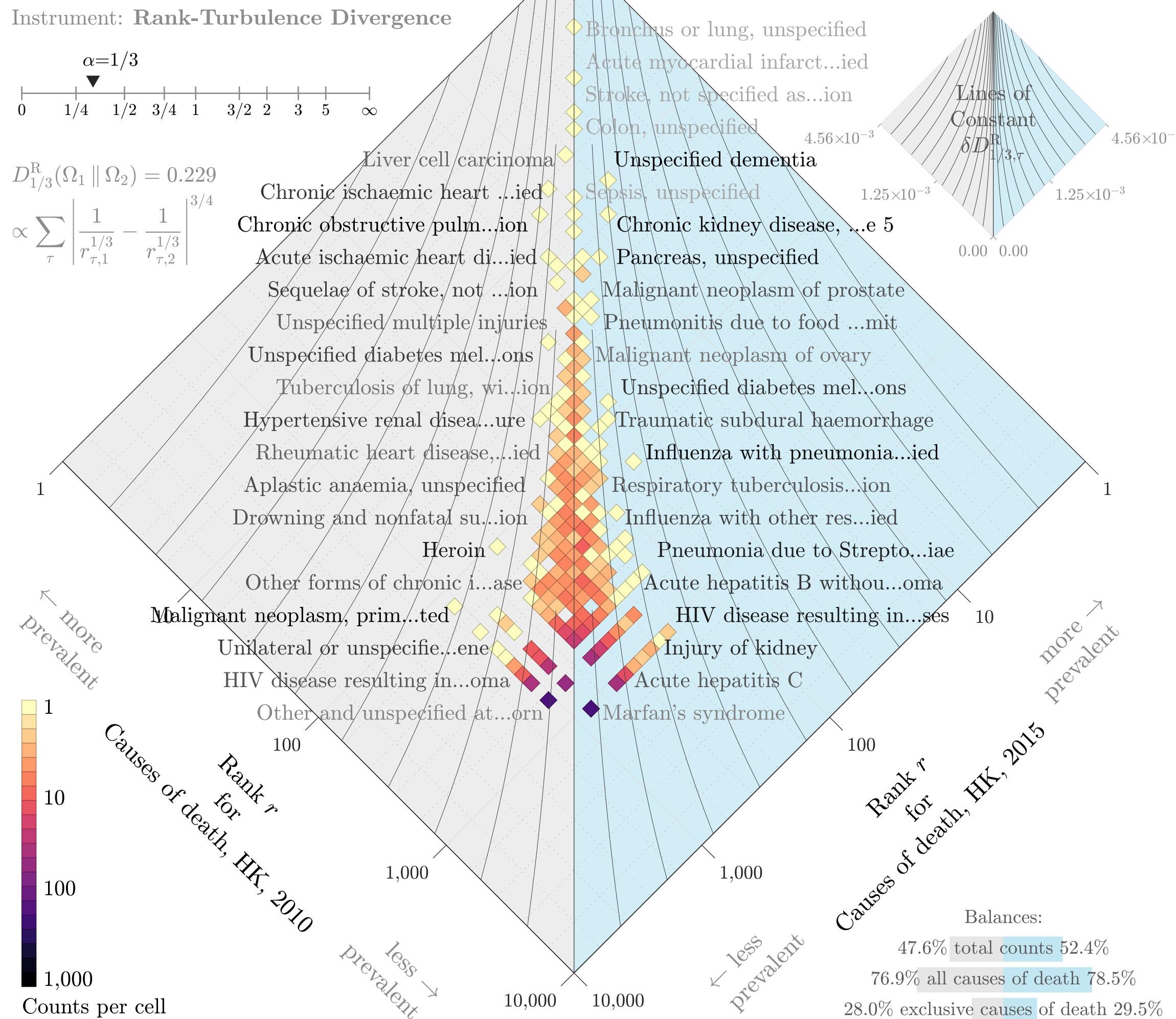
306⇒112 Intracranial injury, unspecified
417⇒139 Chronic obstructive pulmonary dise...ied

50.1%—49.9% Pneumonia due to staphylococcus

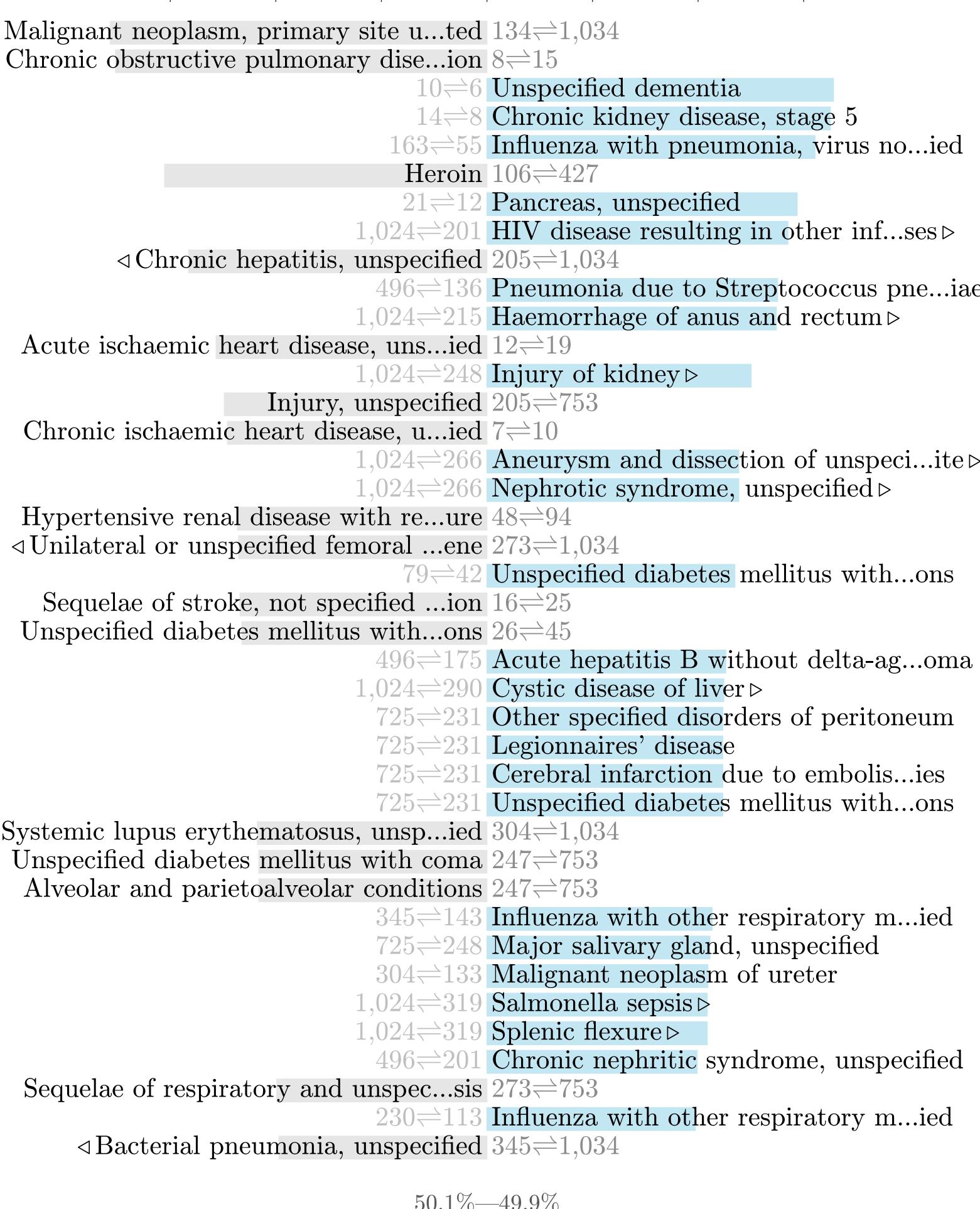


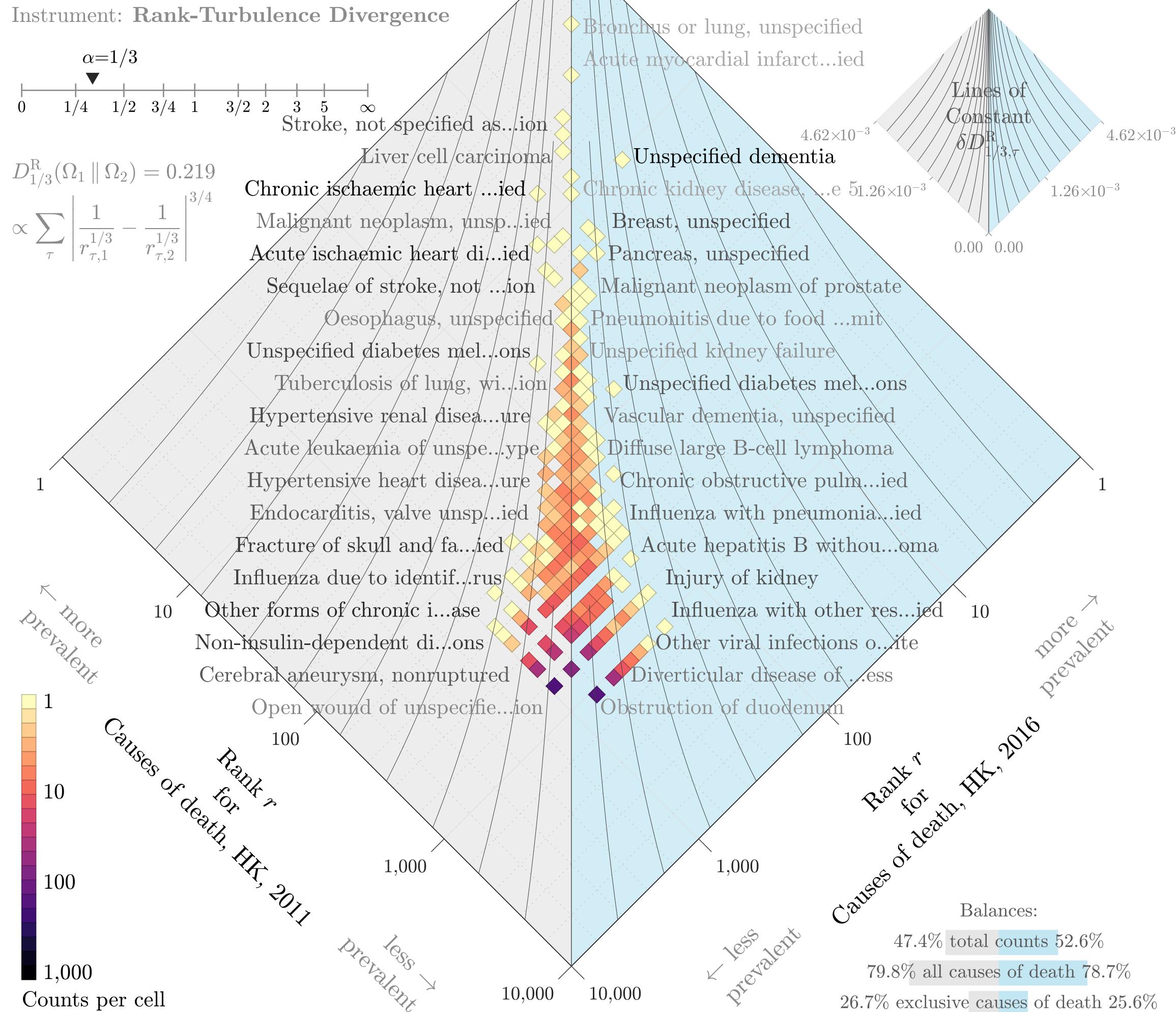
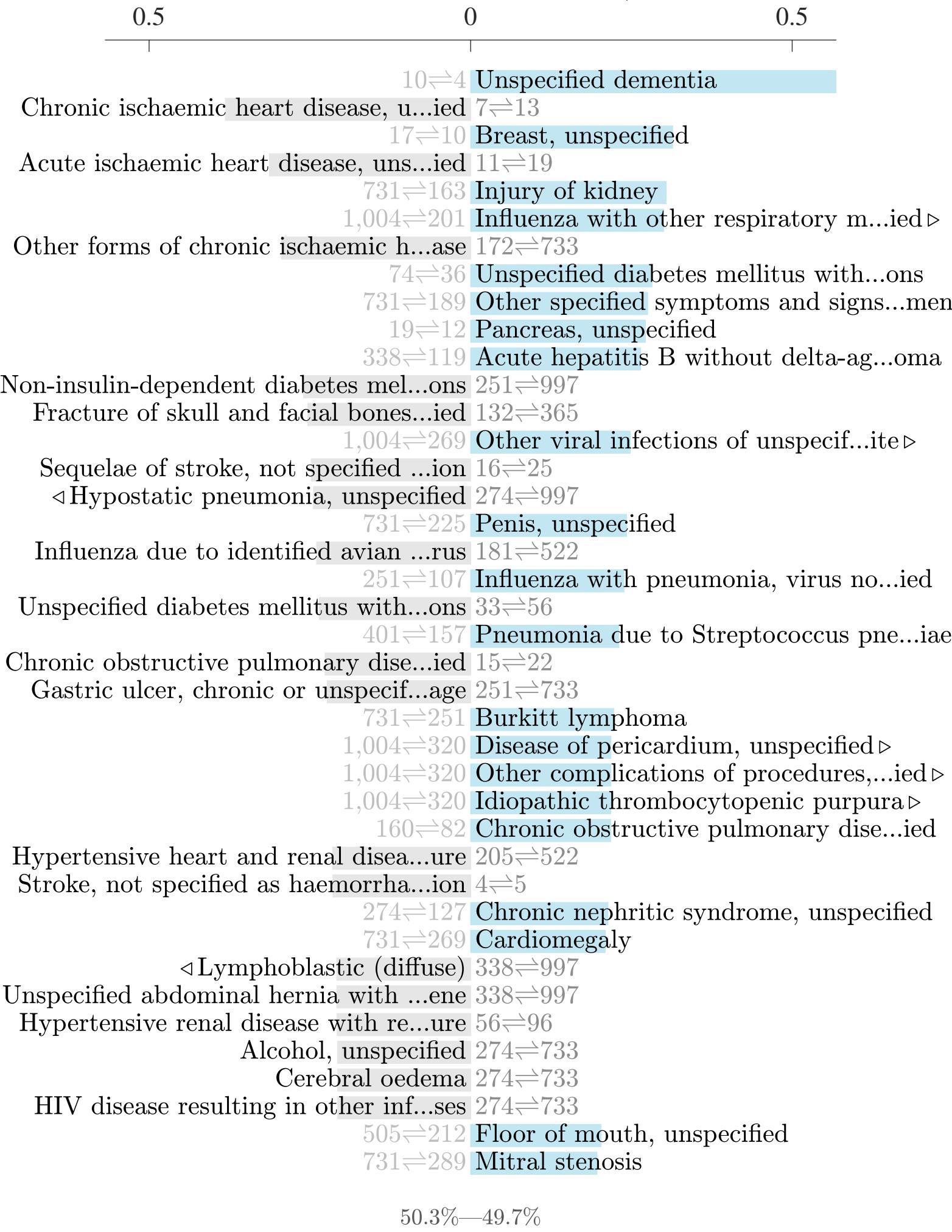
Ω_1 : Causes of death, HK, 2010

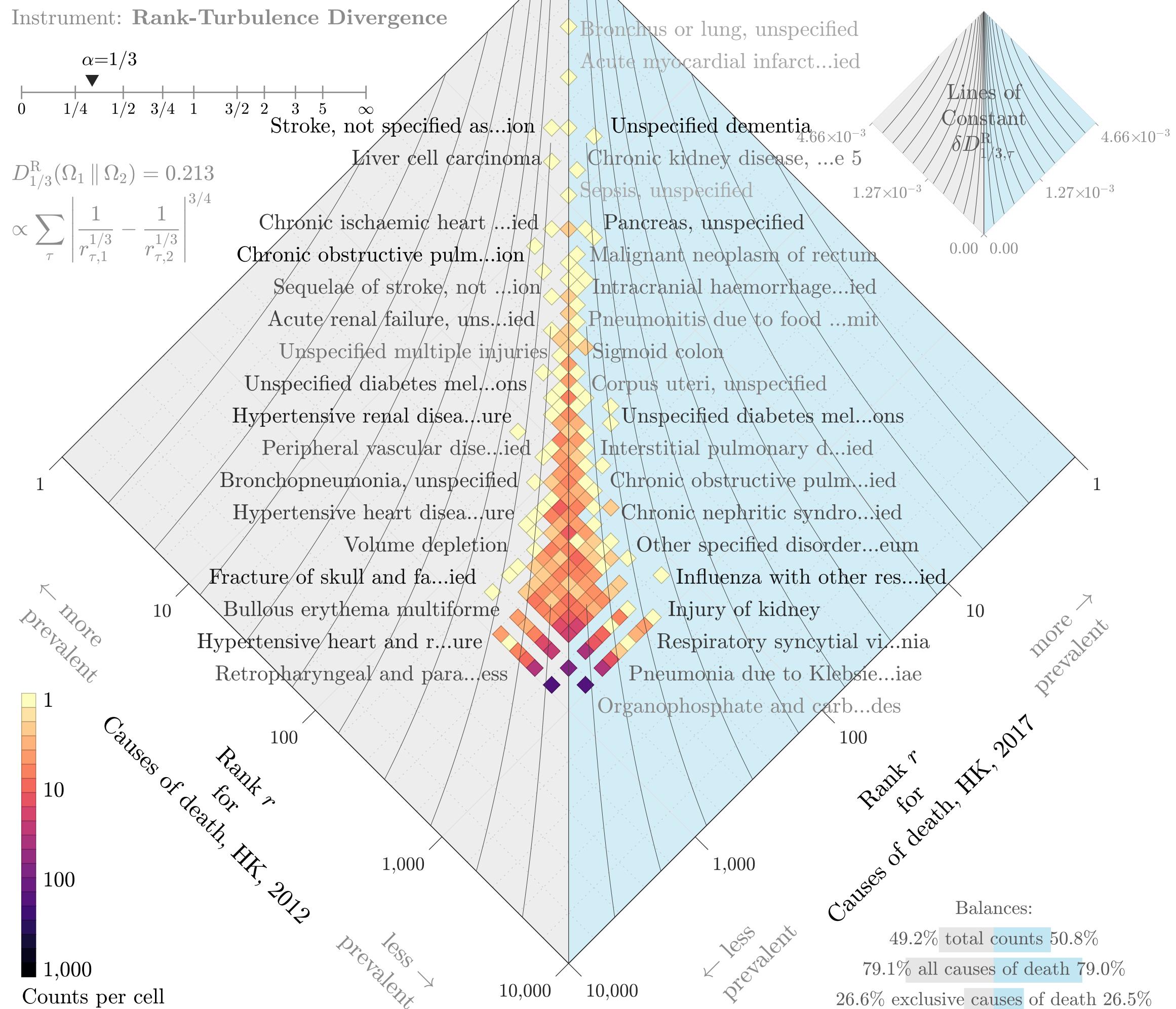
Ω_2 : Causes of death, HK, 2015



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



Ω_1 : Causes of death, HK, 2011 Ω_2 : Causes of death, HK, 2016Divergence contribution $\delta D_{1/3,\tau}^R (\%)$ 

Ω_1 : Causes of death, HK, 2012 Ω_2 : Causes of death, HK, 2017Divergence contribution $\delta D_{1/3,\tau}^R (\%)$ 