

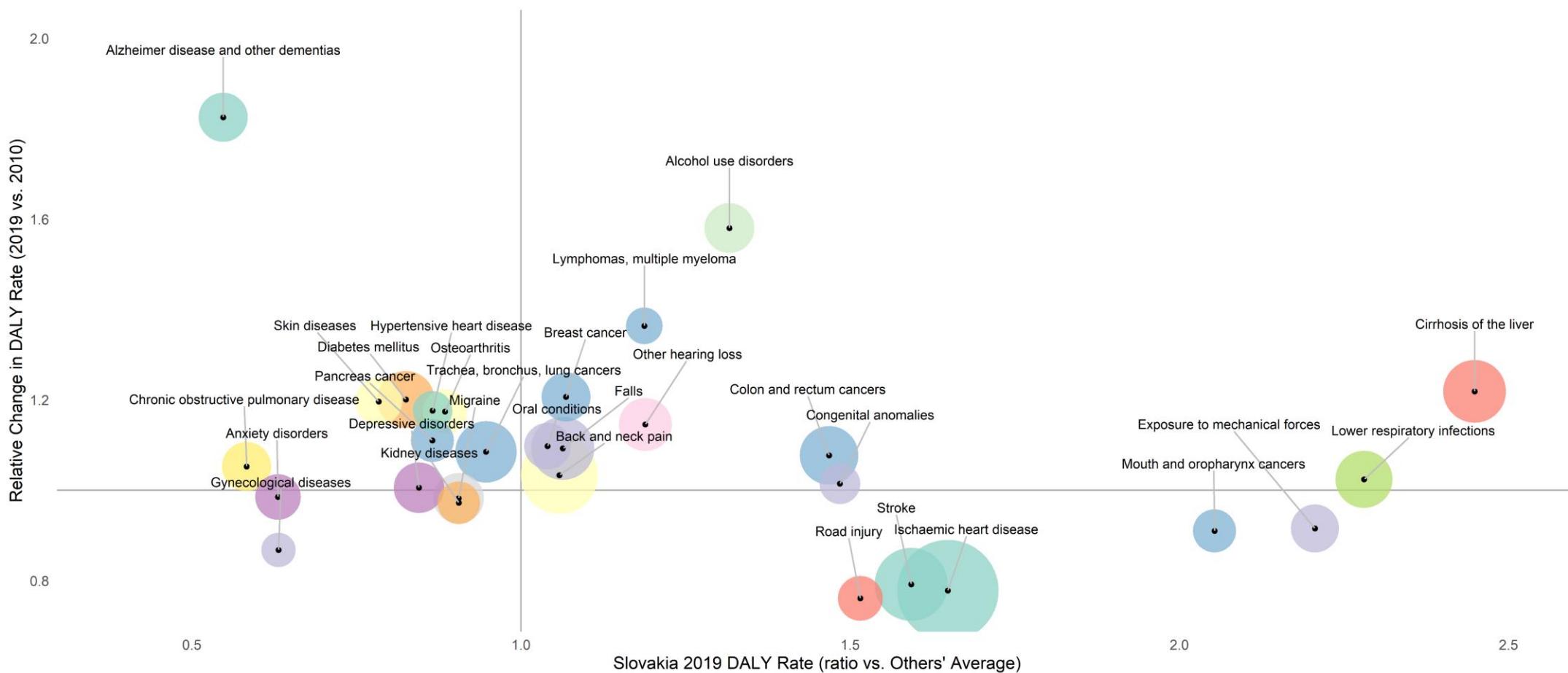
Alzheimer's disease and its (incoming) health, social and economic burden

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Disease burden (DALY) of top 30 diseases

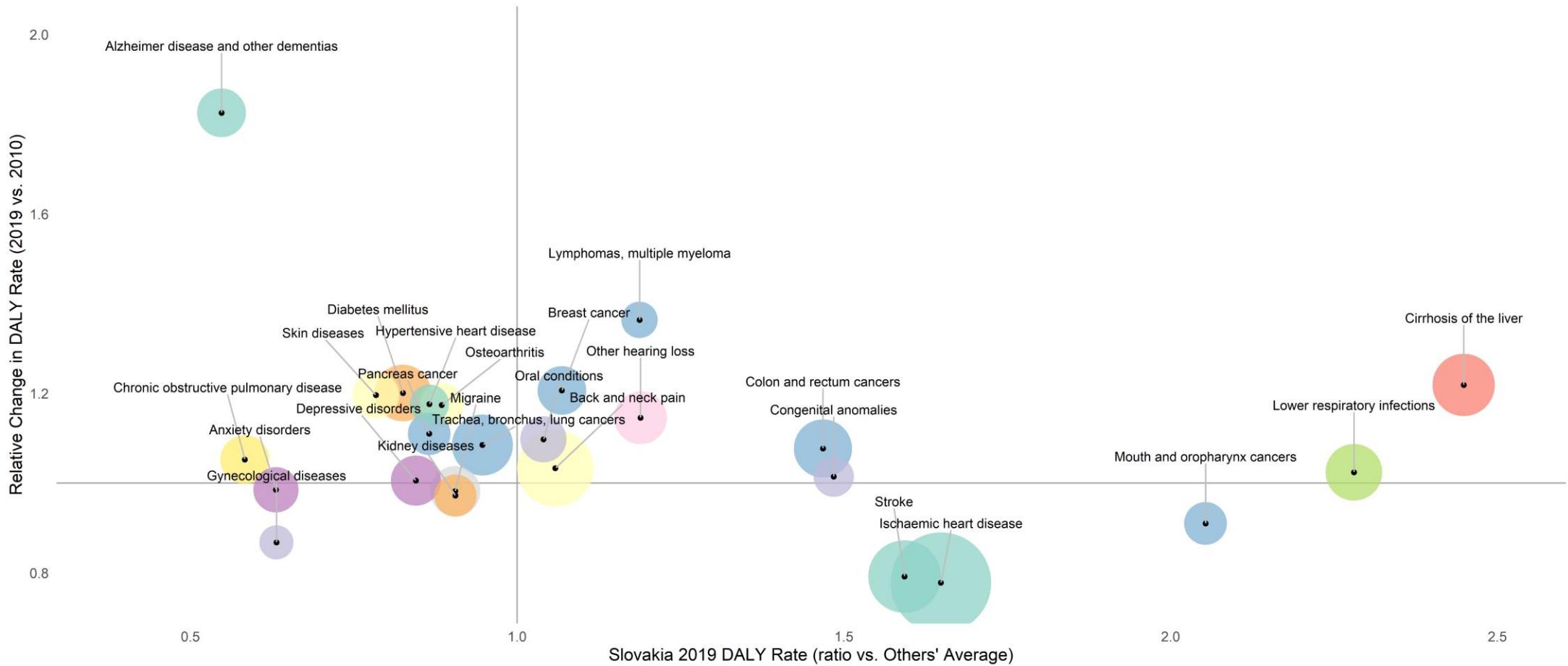
Trend and burden: Slovakia vs. DACH + CZ



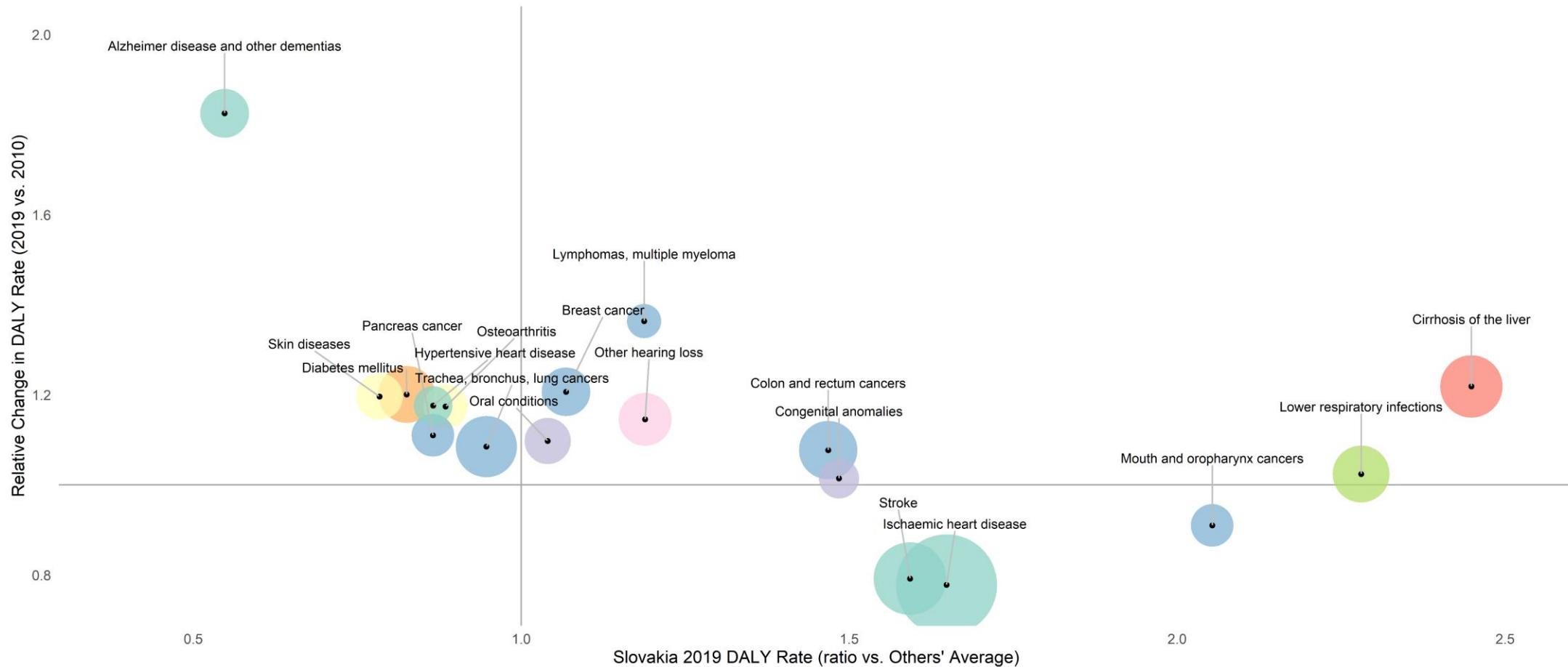
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DALY: Disability-adjusted life years are a measure of overall disease burden, expressed as the number of years lost due to ill-health, disability, or early death. (Data: WHO)

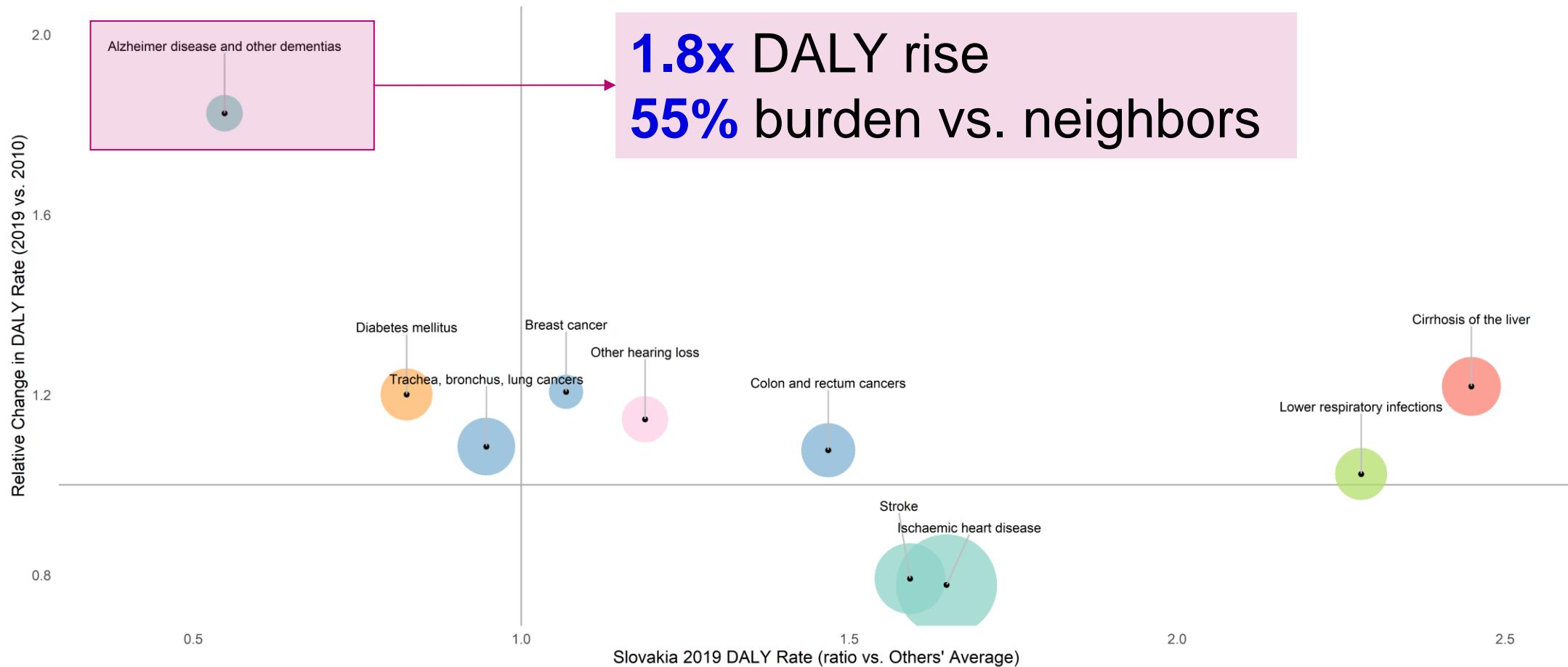
... remove various injuries



... remove declining & equivalent

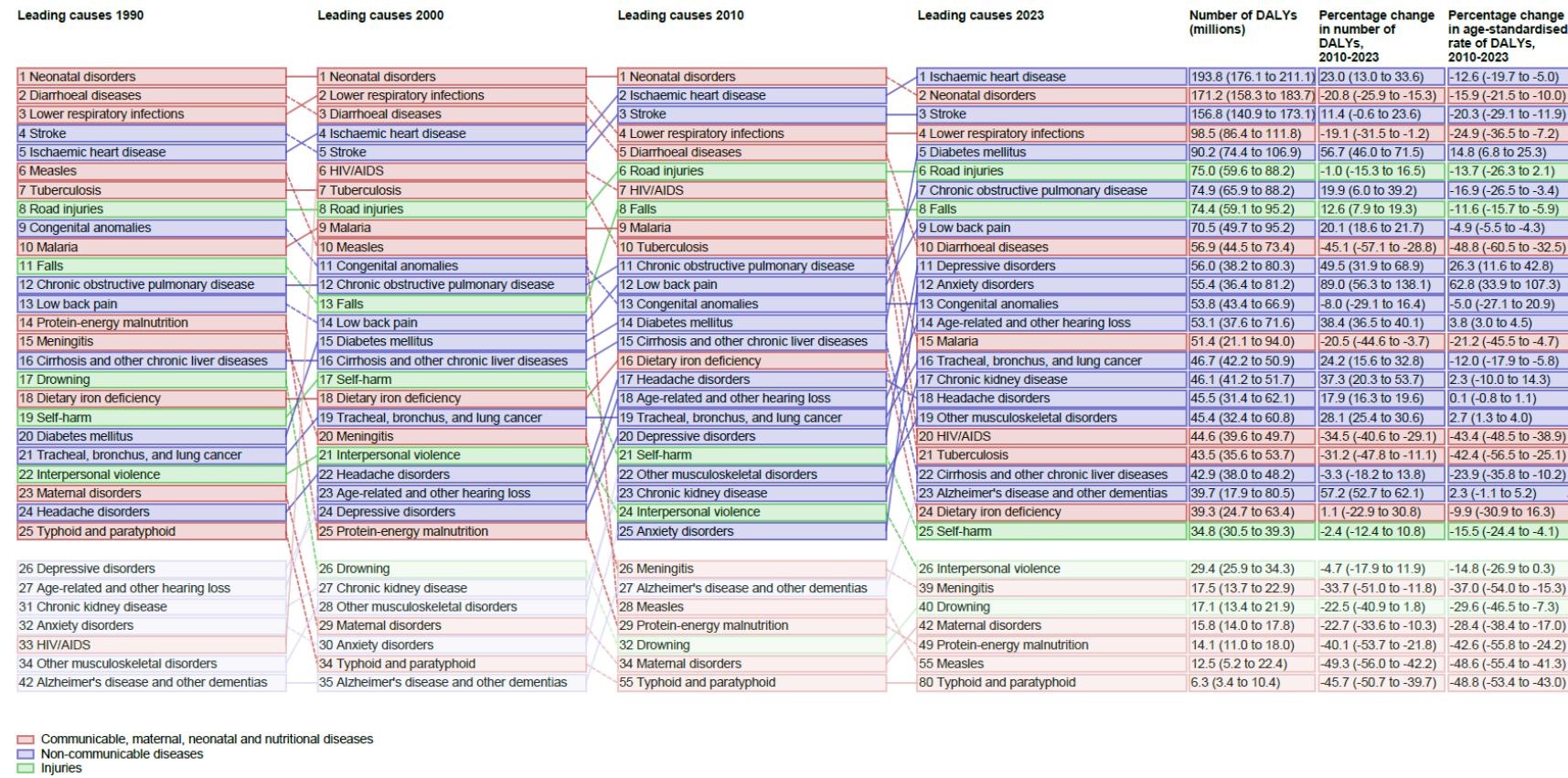


... leave top 10 DALY burden



AD's impact growing rapidly

Globally AD in top 25 DALY causing diseases



- Alzheimer's has grown from 42nd (1990), to 35th (2000), 27th (2010) to 23rd (2023)
- In high-income countries and Western Europe in top 5
- In CEE not yet even top 10 in total DALY
- High growth of burden can be expected in our region

Limited data is available...

But we know the burden will grow significantly due to demographic shifts



Prevalence Alzheimerovy nemoci dle pohlaví a věkových skupin ve vybraném roce			
pohlaví	počet pacientů s AN	počet obyvatel	prevalence (%)
■ muži	23427	1940338	1.21
50–59	494	718930	0.07
60–69	2230	597683	0.37
70–79	9557	465034	2.06
80–89	9355	141719	6.60
90+	1791	16972	10.55
■ ženy	50174	2291842	2.19
50–59	650	709475	0.09
60–69	2523	651276	0.39
70–79	15547	623791	2.49
80–89	23904	258946	9.23
Total	73601	4232180	1.74



Rok	G30	F00	G30 F00	Obvv. 50+	Prev.
2014	9,208	22,207	28,064	1,864,260	1.51%
2015	9,547	22,657	28,741	1,888,458	1.52%
2016	9,786	23,568	29,840	1,911,473	1.56%
2017	9,594	24,293	30,434	1,930,189	1.58%
2018	9,617	24,742	30,954	1,947,964	1.59%
2019	9,188	25,576	31,373	1,969,941	1.59%
2020	8,027	24,578	29,556	1,987,392	1.49%
2021	8,504	24,660	30,087	1,995,416	1.51%
2022	9,323	25,737	31,751	2,018,366	1.57%
2023	9,020	26,962	32,646	2,051,370	1.59%
2024			33,214	2,087,052	
2025			33,791	2,123,313	
2026			34,399	2,161,554	
2027			35,012	2,200,064	
2028			35,612	2,237,736	
2029			36,201	2,274,782	
2030			36,703	2,306,301	
2031			37,167	2,335,428	
2032			37,614	2,363,548	
2033			38,041	2,390,387	
2034			38,446	2,415,841	
2035			38,833	2,440,125	

- AD prevalence significantly higher with higher age
- Rapidly ageing populations in CEE region
- Need for better insight e.g. by creating a register (currently no stage data...)
- Data challenges such as “other dementias”, G30 vs. F00...

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