Supplementary material

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Supplementary Figure 1. Incidence rates and incidence rate ratios by type of marriage, country, period, sex, age group, and current civil status. Interactions estimated with OSM as reference level in each covariate category.<sup>1</sup>

			Suicide	Suicide and deaths of undetermined intent				
	n	IR	IRR <sup>1</sup> [95% CI]		n	IR	IRR <sup>1</sup> [95% CI]	
Type of marriage				-				🕶
SSM	97	30.3	2.28 [1.86, 2.78]	<b>†</b>	113	35.3	2.25 [1.86, 2.71]	<b>+</b>
OSM	6,074	11.6	1.00 [ref.]		7,301	14.0	1.00 [ref.]	
Country								
Denmark				<b>⊢</b>				<b>⊢</b>
SSM	72	37.4	2.55 [2.02, 3.22]	•	77	40.0	2.39 [1.91, 3.00]	
OSM	2,868	11.5	1.00 [ref.]		3,241	13.0	1.00 [ref.]	
Sweden				<b>⊢</b>				L
SSM	25	19.6	1.66 [1.12, 2.46]	1	36	28.2	1.88 [1.36, 2.61]	1, 4, 1
OSM	3,206	11.7	1.00 [ref.]	Ī		14.9	1.00 [ref.]	T
Period	0,200				,,			
1989-2002								
SSM	30	46.0	1.78 [1.14, 2.79]		33	50.6	1.75 [1.15, 2.67]	
OSM	1,734	12.4		Ť		15.3	1.75 [1.15, 2.67] 1.00 [ref.]	<b>†</b>
2003-2016	1,734	12.4	1.00 [ref.]		2,151	10.3	1.00 [rei.]	
		00.0	4 00 74 00 4 407	•				•
SSM	67	26.3	1.39 [1.32, 1.48]	<b>†</b>		31.4	1.47 [1.40, 1.55]	<b>+</b>
OSM	4,340	11.4	1.00 [ref.]		5,150	13.5	1.00 [ref.]	
Sex								
Males				<b>⊢</b>				<b>→</b>
SSM	69	41.7	2.11 [1.67, 2.68]	•	80	48.4	2.12 [1.70, 2.65]	
OSM	4,382	16.8	1.00 [ref.]		5,138	19.7	1.00 [ref.]	
Females				<del>  • • • •</del>				
SSM	28	18.1	2.73 [1.88, 3.97]	1	33	21.3	2.56 [1.82, 3.62]	
OSM	1,692	6.5	1.00 [ref.]	Ť	2,163	8.3	1.00 [ref.]	<b>T</b>
Age group								
18-34				1				
SSM	12	18.7	2.47 [1.40, 4.38]	<b>T</b> .	12 18	3.7	1.97 [1.11, 3.49]	<b>†</b>
OSM	847	6.3	1.00 [ref.]		1,047 7.	.8	1.00 [ref.]	<b>⊢</b>
35 65+								
SSM	71	30.5	2.19 [1.73, 2.77]	<b>†</b>	85 36	6.5	2.23 [1.80, 2.76]	<b>+</b>
OSM	4,795	13.1	1.00 [ref.]	<b>⊢</b> •→	5,735 15		1.00 [ref.]	<b>→</b>
65+	.,,,,,		[. 01.]		0,700 10		[. 51.]	
SSM	14	59.5	2.41 [1.41, 4.12]	<b>+</b>	16 68	8.0	2.42 [1.47, 3.99]	•
OSM	432	19.9	1.00 [ref.]	<b></b>	519 20		1.00 [ref.]	<del></del>
Current civil status	702	10.5	1.00 [101.]		319 20	J.J	1.00 [161.]	·
SSM								
Married	54	21.0	1.00 [ref.]	<b>T</b> .	60	23.3	1.00 [ref.]	<b>†</b>
Divorced/widowed	43	68.1	3.44 [2.29, 5.16]		53	83.9	3.83 [2.63, 5.57]	<b>├</b>
OSM								
Married	3,861	8.7	1.00 [ref.]	<b>†</b>	4,483	10.1	1.00 [ref.]	<b>.</b>
Divorced/widowed	2,213	28.7	3.40 [3.23, 3.59]	•	2,818	36.5	3.74 [3.56, 3.92]	101
				1 2 3 4 5 6	7 IRR (95% CI)			1 2 3 4 5 6 7 IRR (

Abbreviation: IR: Incidence rate per 100,000 person-years; IRR: Incidence rate ratio. SSM: Same-sex married. OSM: opposite-sex married.

<sup>&</sup>lt;sup>1</sup> We adjusted for the following covariates: country, period, sex, age group, current civil status. In each interaction model the covariates that were not a part of the main model (presented) were included as adjusting covariates. For instance, when examining for interaction effects between country and type of marriage, the model was adjusted for period, sex, age group, and current civil status.