

Table S1. Participant characteristics for each cohort separately

	Belgium		p-value [*]	Canada		p-value	Spain		p-value
	Men (n=96)	Women (n=96)		Men (n=80)	Women (n=80)		Men (n=68)	Women (n=68)	
Age of the bereaved (y)									
Mean (SD)	57.7 (14.7)	40.5 (13.8)	<.001	56.7 (12.4)	35.6 (10.7)	<.001	38.6 (16.9)	26.2 (10.6)	<.001
[min – max]	[23 – 90]	[19 – 73]		[25 – 77]	[22 – 65]		[18 – 78]	[18 – 61]	
Matrimonial status, n (%)									
With partner	58 (60.4) ^a	50 (52.1) ^a	.019	49 (61.3) ^a	61 (76.3) ^b	.003	34 (50.0)	27 (39.7)	.158
Single	14 (14.6) ^a	31 (32.3) ^b		18 (22.5) ^a	13 (16.3) ^a		31 (45.6)	41 (60.3)	
Divorced/separated	10 (10.4) ^a	4 (4.2) ^a		1 (1.3) ^a	5 (6.3) ^a		1 (1.5)	0	
Widowed	14 (14.6) ^a	11 (11.5) ^a		12 (15.0) ^a	1 (1.3) ^b		2 (2.9)	0	
Live alone, n (%)									
Yes	23 (24.0)	23 (24.0)	1.0	28 (25.0)	7 (8.8)	<.001	8 (11.8)	3 (4.4)	.207
No	73 (76.0)	73 (76.0)		52 (65.0)	73 (91.3)		60 (88.2)	64 (94.1)	
Missing								1	
Income, n (%)									
None	0 ^a	7 (7.3) ^b	.054	0	4 (5.0)	.133	13 (19.1) ^a	34 (50.0) ^b	<.001
Low	68 (70.8) ^a	62 (64.6) ^a		26 (32.5)	19 (23.8)		21 (30.9) ^a	23 (33.8) ^a	
Average	21 (21.9) ^a	22 (22.9) ^a		30 (37.5)	29 (36.3)		21 (30.9) ^a	11 (16.2) ^b	
High	7 (7.3) ^a	5 (5.2) ^a		23 (28.7)	28 (35.0)		12 (19.1) ^a	0 ^b	
Missing				1					

* Significant difference between men and women within a cohort, determined using Independent sample T-test for continuous variables and Chi-square test for categorical variables

Table S2. Deceased and death characteristics

	Belgium		p-value*	Canada		p-value	Spain		p-value
	Men (n=96)	Women (n=96)		Men (n=80)	Women (n=80)		Men (n=68)	Women (n=68)	
Gender of the deceased, n (%)									
Men	40 (41.7)	54 (56.3)	.043	38 (47.5)	43 (53.8)	.382	37 (54.4)	34 (50.0)	.607
Women	56 (58.3)	42 (43.8)		42 (52.5)	36 (45.0)		31 (45.6)	34 (50.0)	
Age of the deceased (y)									
Mean (SD)	78.5 (15.1)	70.8 (17.4)	.001	76.2 (17.8)	65.9 (16.8)	<.001	71.4 (21.2)	68.4 (21.3)	.400
[min – max]	[18 – 101]	[8 – 100]		[2 – 99]	[1 – 95]		[0 – 95]	[0 – 98]	
Missing		1							
Relationship, n (%)									
Spouse / Child	18 (18.8)	18 (18.8)		18 (22.5)	18 (22.5)		5 (7.4)	5 (7.4)	
Father/Mother	54 (56.3)	54 (56.3)		43 (53.8)	43 (53.8)		25 (36.8)	25 (36.8)	
Other	24 (25.0)	24 (25.0)		19 (23.8)	19 (23.8)		38 (55.9)	38 (55.9)	
Cause of death, n (%)									
Disease	67 (69.8)	65 (67.7)	.706	43 (53.8) ^a	65 (81.3) ^b	<.001	34 (50.0) ^a	36 (52.9) ^a	.003
COVID-19	22 (22.9)	26 (27.1)		17 (21.3) ^a	14 (17.5) ^a		18 (26.5) ^a	29 (42.6) ^b	
Accident/Suicide	7 (7.3)	5 (5.2)		8 (10.0) ^a	1 (1.3) ^b		16 (23.5) ^a	3 (4.4) ^b	
Other	0	0		12 (15.0) ^a	0 ^b		0	0	
Time since loss (days)									
Mean (SD)	495.6 (222.8)	488.8 (232.4)	.837	184.1 (124.9)	196.6 (123.3)	.527	398.8 (240.0)	385.9 (226.5)	.747
[min – max]	[14 – 780]	[0 – 779]		[1 – 432]	[6 – 420]		[8 – 1034]	[19 – 979]	

* Significant difference between men and women within a cohort, determined using Independent sample T-test for continuous variables and Chi-square test for categorical variables.