

Table S1 Socio-demographic characteristics of the sample by gender identification and sexual orientation (age ≥65, weighted estimates).

	Gender Identification			Sexual Orientation					
	Males	Females		Sexual Orientation					
	Heterosexual males n = 2,160,109	SM males n = 49,639	Total males n = 2,219,632	Heterosexual females n = 2,398,218	SM females n = 35,062	Total females n = 2,451,908	Heterosexual n = 4,562,567	SM n = 85,095	Total n = 4,681,075
Age ($\mu \pm sd$)	72.92 \pm 6.39	72.53 \pm 6.09	72.93 \pm 6.41	73.49 \pm 6.49	74.42 \pm 6.85	73.51 \pm 6.50	73.22 \pm 6.43	73.28 \pm 6.49	73.24 \pm 6.46
Age group									
65-74	64.4%	62.2%	64.2%	60.5%	51.1%	60.3%	62.3%	57.8%	62.2%
+75	35.6%	37.8%	35.8%	39.5%	48.9%	39.7%	37.7%	42.2%	37.8%
Race									
White	96.5%	97.7%	96.6%	97.3%	95.5%	97.2%	96.9%	96.8%	96.9%
Non-White	3.5%	2.3%	3.4%	2.7%	4.5%	2.8%	3.1%	3.2%	3.1%
Education									
Below bachelor's degree	65.8%	62.1%	65.7%	74.5%	59.4%	74.4%	70.1%	61.3%	69.9%
Bachelor's or above	34.2%	37.9%	34.3%	25.5%	40.6%	25.6%	29.9%	38.7%	30.1%
Marital status									
Never married	3.6%	31.1%	4.2%	4.4%	29.1%	4.7%	4.0%	30.1%	4.5%
Married or in common-law	84.2%	56.6%	83.5%	62.3%	33.3%	62.0%	72.7%	47.1%	72.2%
Widowed/divorced/separated	12.2%	12.3%	12.3%	33.3%	37.6%	33.3%	23.3%	22.7%	23.3%
Household income									
Less than \$50,000	37.7%	43.7%	37.9%	54.2%	68.8%	54.4%	46.1%	54.1%	46.3%
\$50,000 or more, but less than \$100,000	43.0%	33.9%	42.8%	34.1%	23.3%	34.0%	38.5%	29.3%	38.3%

\$100,000 or more	19.3%	22.4%	19.4%	11.7%	8.0%	11.6%	15.4%	16.7%	15.5%
Current working Status									
Working	18.9%	15.3%	18.7%	9.4%	4.4%	9.4%	13.9%	11.1%	13.8%
Not working	81.1%	84.7%	81.3%	90.6%	95.6%	90.6%	86.1%	88.9%	86.2%
Living arrangement									
Alone	16.1%	38.6%	16.7%	33.9%	57.6%	34.3%	25.4%	46.3%	25.8%
With others	83.9%	61.4%	83.3%	66.1%	42.4%	65.7%	74.6%	53.7%	74.2%
Social support Availability									
Low	24.3%	25.2%	24.3%	29.0%	24.9%	29.0%	26.8%	24.9%	26.8%
High	75.7%	74.8%	75.7%	71.0%	75.1%	71.0%	73.2%	75.1%	73.2%

SM: sexual minority. sd: standard deviation.

Table S2 Mental health and self-rated health of the sample by gender identification and sexual orientation (age ≥65, weighted estimates).

	Gender Identification			Sexual Orientation					
	Males		Females	Sexual Orientation					
	Heterosexual males n = 2,160,109	SM males n = 49,639	Total males n = 2,219,632	Heterosexual females n = 2,398,218	SM females n = 35,062	Total females n = 2,451,908	Heterosexual n = 4,562,567	SM n = 85,095	Total n = 4,681,075
CESD-10 ($\mu \pm sd$)	4.98 ± 4.25	6.89 ± 5.11	5.02 ± 4.29	6.17 ± 4.92	6.49 ± 4.94	6.19 ± 4.92	5.61 ± 4.66	6.69 ± 4.86	5.63 ± 4.67
Feeling lonely									
No	79.6%	66.1	79.3%	71.7%	57.5%	71.5%	75.4%	62.5%	75.2%
Yes	20.4%	33.9%	20.7%	28.3%	42.5%	28.5%	24.6%	37.5%	24.8%
ACEs score ($\mu \pm sd$)	0.83 ± 1.16	1.33 ± 1.69	0.84 ± 1.18	1.20 ± 1.41	1.07 ± 1.36	0.84 ± 1.18	1.02 ± 1.31	1.22 ± 1.56	1.03 ± 1.32
Self-rated general health									

Excellent	14.6%	13.8%	14.5%	14.4%	8.8%	14.4%	14.5%	11.6%	14.5%
Very good	39.5%	36.2%	39.4%	37.4%	40.1%	37.5%	38.4%	37.7%	38.4%
Good	31.5%	35.6%	31.6%	33.0%	31.7%	33.0%	32.3%	34.2%	32.3%
Fair	11.3%	12.1%	11.4%	12.0%	18.5%	12.1%	11.7%	14.7%	11.7%
Poor	3.1%	2.3%	3.1%	3.1%	0.9%	3.1%	3.1%	1.7%	3.1%
Self-rated mental health									
Excellent	27.1%	31.4%	27.2%	21.3%	25.8%	21.4%	24.0%	29.0%	24.1%
Very good	40.4%	30.8%	40.1%	42.6%	35.9%	42.4%	41.5%	33.2%	41.4%
Good	27.0%	31.4%	27.1%	29.8%	26.8%	29.8%	28.4%	29.4%	28.4%
Fair	4.8%	5.1%	4.8%	5.3%	10.5%	5.4%	5.1%	7.3%	5.2%
Poor	0.8%	1.3%	0.8%	1.0%	1.0%	1.0%	0.9%	1.1%	0.9%

SM: sexual minority. CESD-10: Center for Epidemiologic Studies Short Depression Scale. ACEs score: Adverse Childhood Experiences score. sd: standard deviation.