

Table S1. Sample demographics (N=27,534)*

	N	% (SE)
<u>Age</u>		
20-29	3568	14.7 (0.3)
30-44	8191	29.4 (0.4)
45-64	9835	36.1 (0.4)
65+	5760	19.8 (0.4)
<u>Sex</u>		
Male	11368	47.33 (0.4)
Female	15986	52.7 (0.4)
<u>Race/ethnicity</u>		
Non-Hispanic White	16470	72.8 (1.4)
Non-Hispanic Black	5241	11.0 (0.7)
Non-Hispanic Asian or Pacific Islander	495	2.4 (0.2)
Non-Hispanic Native American or Alaska Native	645	3.5 (0.4)
Hispanic	4503	10.3 (1.0)
<u>Marital status</u>		
Married/living with someone	14780	64.0 (0.5)
Widowed/separated/divorced	7505	19.7 (0.3)
Never married	5069	16.3 (0.5)
<u>Personal income</u>		
\$0-19,999	11806	41.5 (0.6)
\$20-34,999	6406	23.1 (0.4)
\$35-69,999	6540	24.6 (0.4)
\$70,000+	2602	10.8 (0.5)
<u>Education</u>		
Less than high school	4169	13.5 (0.4)
High school	16052	59.3 (0.6)
More than high school	7133	27.2 (0.7)
* Full sample size 34,653. We removed individuals for whom the worst potentially traumatic event was related to 9/11/01, except those that lost a loved on in a terrorist attack. A total of 7,255 were removed from the analytic dataset.		

Table S2. Distribution of unexpected death, other traumatic experiences, and lifetime prevalence of psychiatric disorders (N=27,534*)

	Prevalence (SE)	Mean age of onset (SE)	Range
<u>Unexpected death of a loved one</u>	50.3 (0.6)	--	--
Age of first experience	--	29.2 (0.2)	1-90
Number of experiences	--	2.1 (0.02)	1-10
<u>Traumatic experiences excluding unexpected death</u>	Lifetime prevalence (SE)		
0	16.5 (0.5)	--	--
1-2	44.1 (0.4)	--	--
3-4	23.7 (0.5)	--	--
5+	15.7 (0.4)	--	--
	Lifetime prevalence (SE)	Mean age of onset (SE)	Range
<u>Psychiatric disorders and mental health service use</u>			
Major depression	23.7 (0.4)	32.8 (0.2)	5-97
Dysthymia	5.7 (0.2)	34.1 (0.5)	5-90
Manic episode	5.7 (0.2)	30.1 (0.4)	5-90
Alcohol disorder	35.9 (0.7)	28.6 (0.2)	5-90
GAD	8.5 (0.2)	37.4 (0.4)	5-90
Social phobia	7.4 (0.2)	18.9 (0.3)	5-90
Specific phobia	16.0 (0.4)	20.9 (0.2)	5-93
Panic disorder	8.1 (0.2)	32.9 (0.3)	5-93

* Full sample size 34,653. We removed individuals for whom the worst potentially traumatic event was related to 9/11/01, except those that lost a loved one in a terrorist attack. A total of 7,119 were removed from the analytic dataset. Prevalence estimates of psychiatric disorders are slightly higher than other published reports due to the removal of individuals who perceived indirect exposure to 9/11 as their worst potentially traumatic experience.

Table S3. Incidence of common psychiatric disorders based on unexpected death experience overall and age of first experience

			Major depression	Dysthymia	Manic episode	GAD	PTSD	Social Phobia	Specific phobia	Panic disorder	Alcohol disorder
		N									
No unexpected death		13,478	20.6 (0.5)	4.9 (0.2)	4.6 (0.2)	6.6 (0.3)	7.8 (0.3)	6.2 (0.3)	13.3 (0.5)	6.5 (0.3)	32.1 (0.9)
Lifetime unexpected death occurrence		13,876	26.9 (0.5)	6.5 (0.3)	6.8 (0.3)	10.4 (0.3)	15.2 (0.4)	8.6 (0.3)	18.8 (0.5)	9.8 (0.3)	39.9 (0.7)
Unexpected death occurrence at age*:	5-9	750	8.0 (3.0)	6.2 (4.3)	--	6.1 (3.0)	8.6 (1.8)	1.0 (0.4)	0.7 (0.1)	1.1 (0.8)	--
	10-14	1397	10.3 (1.9)	6.6 (2.8)	9.1 (3.9)	5.0 (2.7)	21.9 (2.2)	4.7 (0.8)	2.7 (0.5)	11.4 (4.1)	11.1 (4.7)
	15-19	2,164	10.9 (1.3)	7.6 (2.2)	9.4 (1.8)	6.9 (1.9)	26.7 (2.1)	4.8 (0.8)	4.7 (0.7)	10.4 (2.1)	7.9 (0.7)
	20-24	1,685	9.9 (1.2)	10.2 (3.0)	7.2 (1.7)	9.4 (2.2)	24.1 (2.0)	6.4 (1.9)	5.4 (1.0)	9.9 (1.7)	7.6 (0.8)
	25-29	1,426	7.8 (1.0)	12.5 (3.9)	3.9 (1.2)	7.9 (2.1)	32.6 (2.5)	7.6 (2.8)	5.1 (1.1)	6.9 (1.4)	6.8 (1.1)
	30-34	1,297	7.4 (1.0)	8.8 (2.5)	5.4 (2.0)	6.2 (1.6)	27.5 (2.5)	4.2 (1.9)	6.5 (1.2)	5.4 (1.2)	4.7 (1.0)
	35-39	1,145	9.0 (1.3)	6.1 (2.4)	9.2 (2.5)	7.0 (1.5)	27.8 (3.1)	4.6 (2.1)	6.2 (1.3)	7.7 (1.7)	5.1 (0.9)
	40-44	1033	5.9 (1.0)	4.8 (1.6)	8.0 (2.5)	7.9 (2.0)	31.8 (3.2)	6.5 (2.5)	4.8 (1.1)	5.2 (1.2)	5.2 (1.0)
	45-49	787	12.2 (1.7)	11.4 (3.7)	8.5 (2.6)	6.7 (1.6)	25.5 (3.3)	8.5 (2.8)	6.1 (1.4)	6.2 (2.0)	3.9 (1.0)
	50-54	620	7.2 (1.5)	10.5 (3.1)	5.8 (2.6)	5.3 (1.4)	26.5 (3.8)	8.0 (3.1)	5.8 (1.3)	4.1 (1.6)	7.5 (1.7)
	55-59	440	10.6 (2.3)	7.0 (2.9)	9.7 (4.7)	5.6 (1.7)	29.4 (4.7)	--	4.6 (1.4)	7.0 (3.2)	4.9 (2.2)
	60-64	313	11.5 (2.9)	9.5 (4.5)	--	8.5 (3.3)	36.0 (6.2)	--	3.4 (1.3)	4.5 (2.6)	7.4 (2.9)
	65-69	201	11.2 (3.7)	--	5.8 (5.2)	14.9 (7.9)	32.9 (7.6)	--	7.9 (4.4)	--	7.1 (3.5)
70+	324	7.1 (1.9)	6.6 (2.8)	9.4 (6.1)	8.4 (2.5)	21.9 (2.2)	--	9.5 (2.3)	4.2 (2.0)	7.8 (3.0)	

* There were 294 missing responses on age of first unexpected death experience

Table S4. Limiting the sample to those who experienced their first unexpected death within 10 years of the interview (N=19,316): Association between age of first unexpected death of a loved one and onset of psychiatric disorders

		Major depression	Dysthymia	Manic episode	GAD	PTSD
Unexpected death occurrence at age:	5-9	--	--	--	--	--
	10-14	2.05 (0.77-5.49)	1.24 (0.13-11.85)	0.92 (0.20-4.30)	3.35 (0.51-21.89)	3.25 (1.36-7.77)
	15-19	3.06 (2.06-4.57)	2.16 (0.98-4.73)	2.81 (1.79-4.40)	1.34 (0.66-2.74)	4.64 (3.18-6.76)
	20-24	3.09 (2.13-4.49)	1.21 (0.51-2.90)	2.22 (1.32-3.74)	2.22 (1.12-4.42)	5.47 (3.79-7.89)
	25-29	3.23 (2.08-5.03)	5.13 (2.28-1.55)	2.53 (1.44-4.44)	2.88 (1.47-5.61)	12.25 (8.84-16.98)
	30-34	3.92 (2.70-5.70)	1.89 (0.87-4.08)	3.81 (2.06-7.06)	2.08 (1.15-3.79)	10.67 (7.46-15.26)
	35-39	5.03 (3.38-7.49)	1.48 (0.48-4.55)	4.77 (2.57-8.85)	2.98 (1.65-5.37)	12.62 (8.48-18.79)
	40-44	3.21 (2.00-5.17)	1.88 (0.84-4.20)	5.57 (3.02-10.26)	4.23 (2.31-7.76)	17.21 (11.50-25.76)
	45-49	7.34 (4.22-12.76)	4.76 (2.27-9.98)	4.06 (1.82-9.10)	3.85 (2.02-7.35)	13.94 (8.36-23.25)
	50-54	5.40 (3.19-9.12)	5.72 (2.30-14.22)	2.72 (1.10-6.72)	4.11 (2.12-7.95)	22.64 (14.76-34.74)
	55-59	13.52 (6.83-26.74)	9.51 (3.96-22.81)	16.12 (5.64-46.03)	7.82 (3.78-16.18)	33.27 (17.99-61.52)
	60-64	9.74 (4.27-22.23)	9.11 (2.22-37.46)	--	14.95 (5.23-42.76)	40.06 (20.32-78.97)
	65-69	27.89 (11.12-69.96)	--	4.64 (0.34-62.80)	16.17 (6.31-41.40)	52.73 (18.95-146.72)
70+	4.38 (2.22-8.65)	4.60 (1.21-17.43)	5.66 (1.12-28.54)	--	13.61 (6.45-28.70)	
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		Social Phobia	Specific phobia	Panic disorder	Alcohol disorder	
Unexpected death occurrence at age:	5-9	--	--	--	--	
	10-14	1.26 (0.48-3.33)	1.36 (0.61-3.01)	6.12 (1.60-23.49)	2.37 (0.29-19.36)	
	15-19	0.78 (0.44-1.37)	1.62 (1.05-2.51)	2.71 (1.54-4.77)	1.04 (0.69-1.56)	
	20-24	1.07 (0.36-3.13)	1.47 (0.94-2.31)	2.01 (1.20-3.37)	1.75 (1.20-2.56)	
	25-29	3.14 (1.32-7.49)	1.89 (1.23-2.90)	2.82 (1.65-4.81)	2.29 (1.49-3.54)	
	30-34	2.04 (0.79-5.27)	2.86 (1.92-4.27)	2.56 (1.56-4.19)	2.15 (1.34-3.45)	
	35-39	4.55 (1.78-11.61)	2.50 (1.36-4.58)	4.12 (2.31-7.36)	2.14 (1.42-3.22)	
	40-44	2.60 (1.12-6.02)	2.68 (1.60-4.48)	2.02 (1.04-3.93)	2.52 (1.58-4.02)	
	45-49	4.55 (2.25-9.20)	3.22 (1.86-5.55)	3.56 (2.04-6.22)	2.40 (1.09-5.31)	
	50-54	6.24 (2.56-15.23)	4.79 (2.99-7.65)	2.25 (0.96-5.27)	5.38 (3.03-9.57)	
	55-59	--	5.54 (2.82-10.90)	8.26 (2.89-23.58)	4.79 (1.94-11.79)	
	60-64	--	5.30 (2.18-12.90)	4.62 (1.17-18.19)	10.18 (3.90-26.55)	
	65-69	--	12.59 (4.79-33.10)	--	10.67 (3.46-32.96)	
70+	--	--	4.06 (1.34-12.30)	3.72 (1.36-10.18)		

Figure S2. Among those with dysthymia, age of disorder onset distribution by age of first unexpected death experience

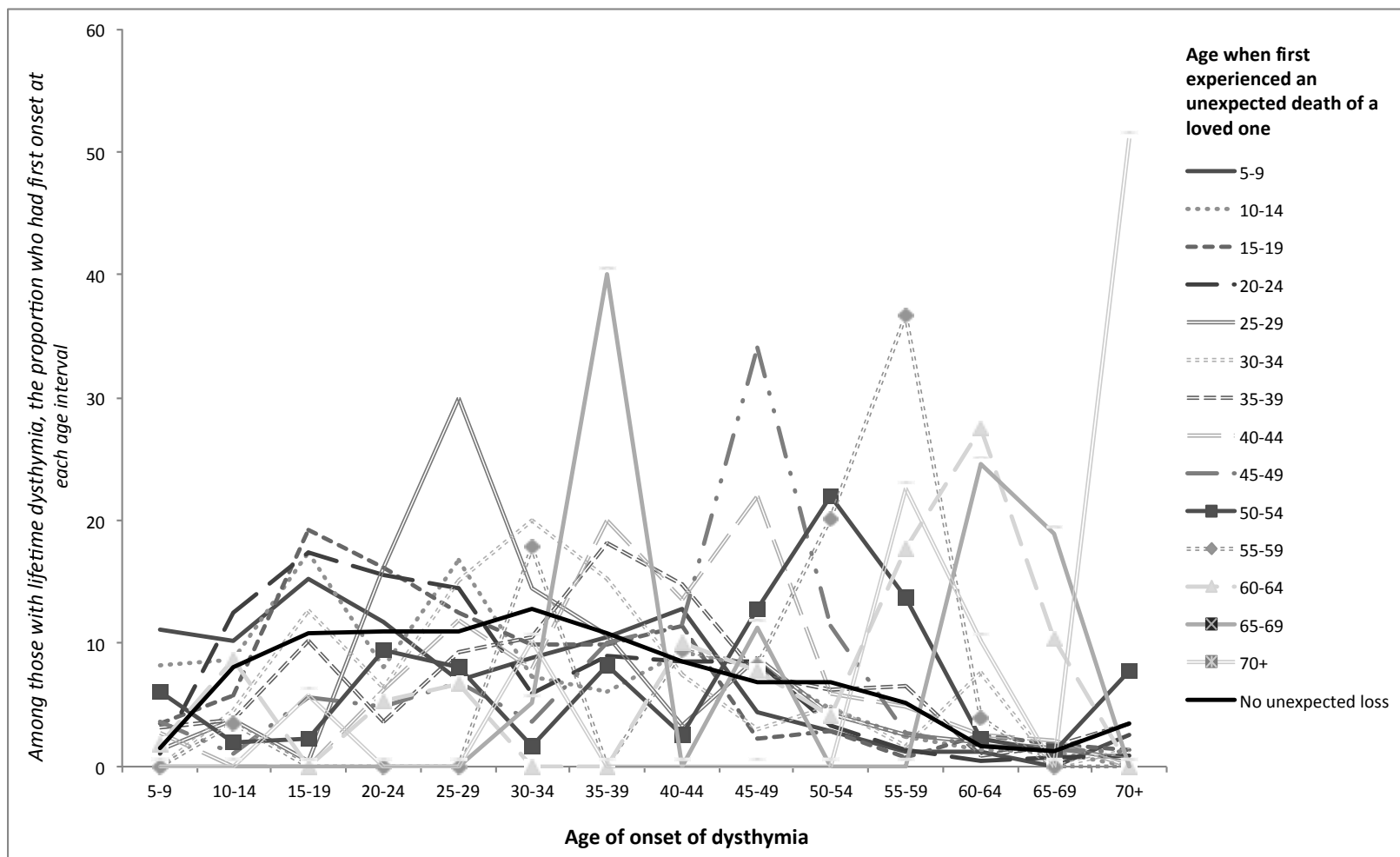


Figure S4. Among those with manic episodes, age of disorder onset distribution by age of first unexpected death experience

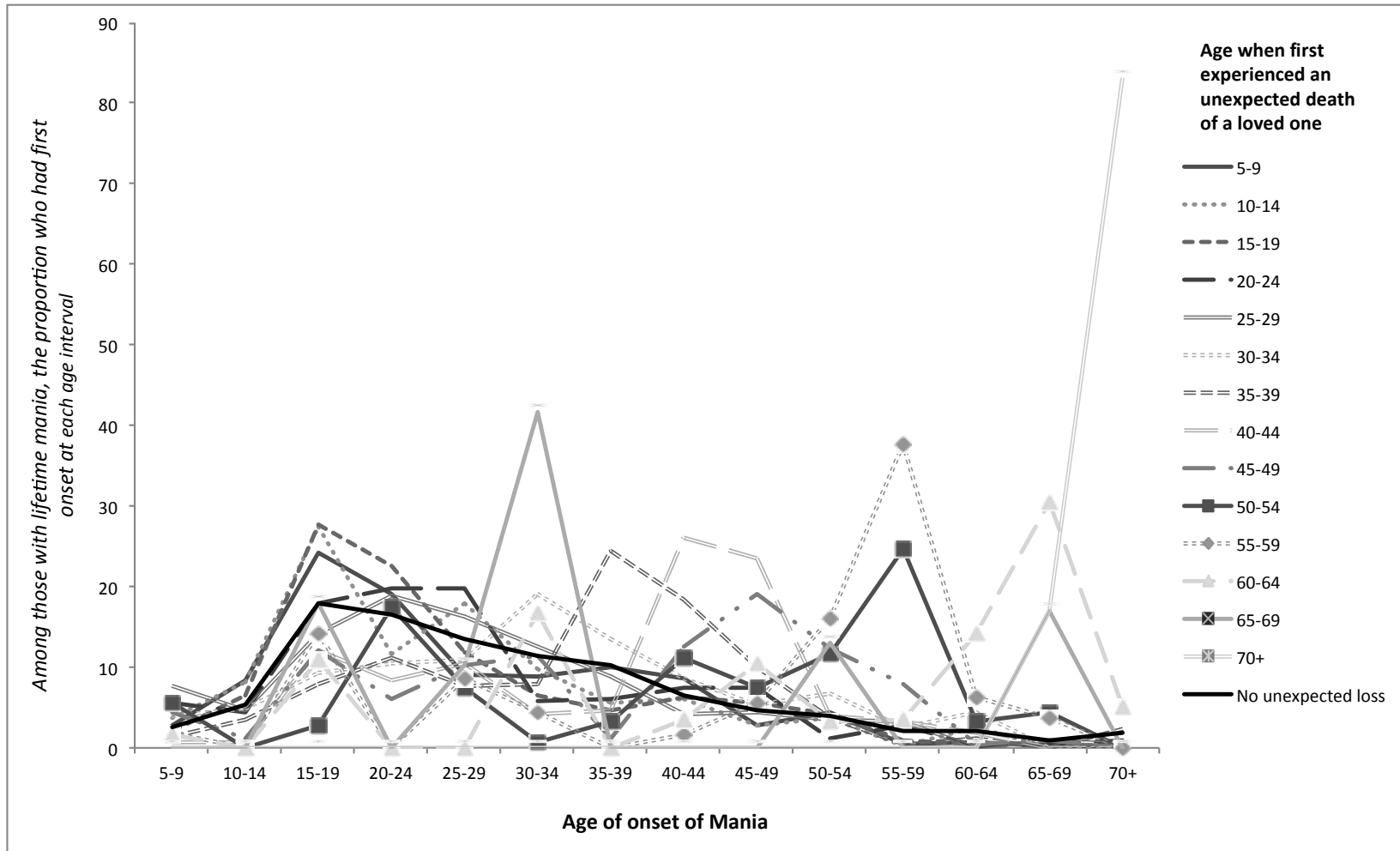


Figure S7. Among those with alcohol disorder, age of disorder onset distribution by age of first unexpected death experience

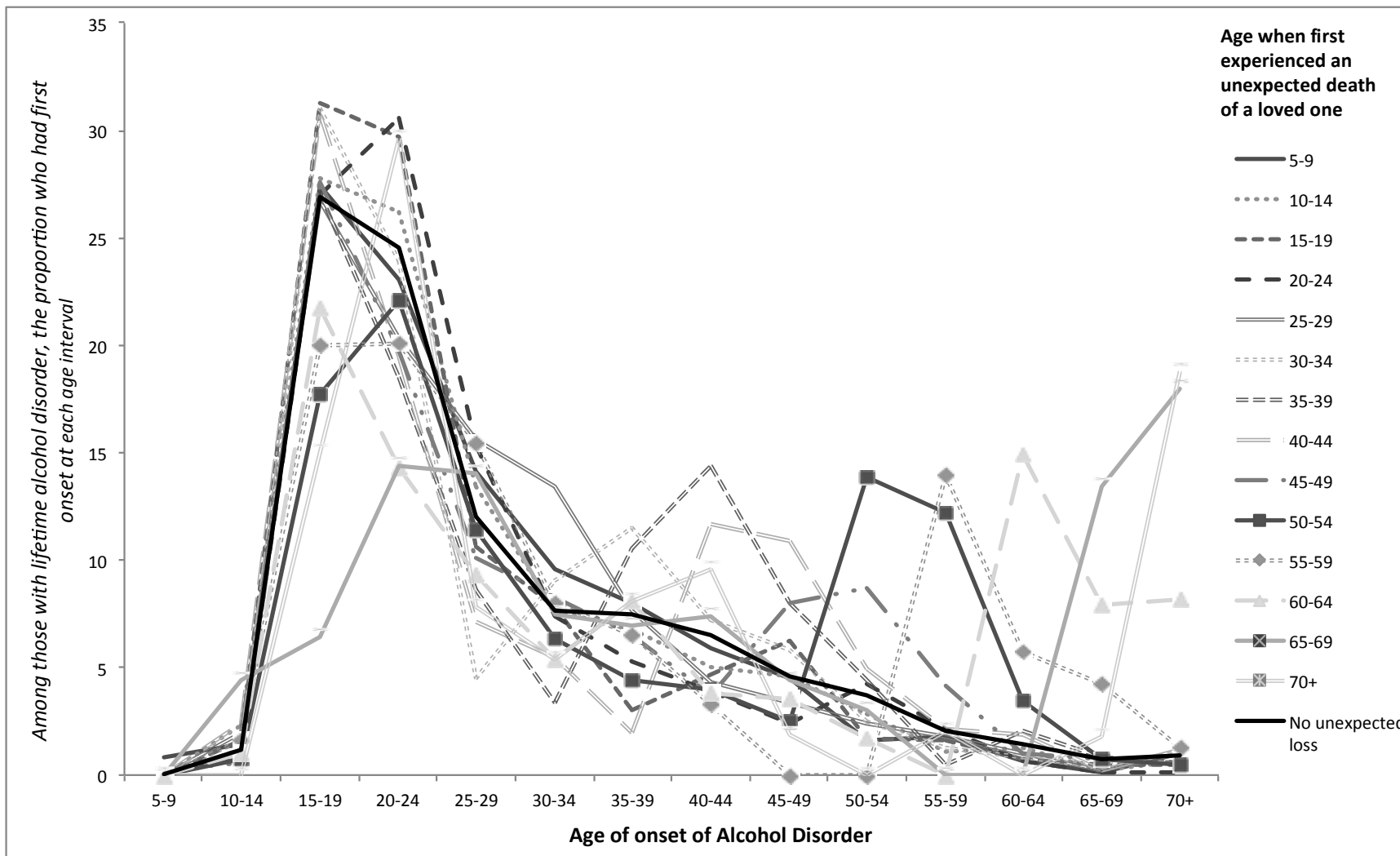


Figure S8. Among those with social phobia, age of disorder onset distribution by age of first unexpected death experience

