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HEALTH STATUS DOMAINS

November Dataset of survivors + sibs \geq 18 years old, alive

Health Status Domains:

1. Self-perceived general health
2. Mental Health
3. Pain as a result of the cancer

1. Self-perceived General Health

Dichotomized variable:

0 = good, very good, excellent health

1 = fair, poor health

2. Mental Health

Dichotomized variable:

0 = no adverse mental health

1 = at least one domain (depression, somatization, anxiety) with adverse outcome

3. Pain as a result of the cancer

Dichotomized variable:

0 = no, small amount of pain as a result of the cancer

1 = medium amount of, a lot of, and very bad excruciating pain

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Table 1. Multi-variable models incorporating health status.

Outcome: Graduating College

**p< 0.005 *p<0.05

Characteristics	OR (95% C.I.)			
	College	College	College	College
>12/LS (Reference)	1.0	1.0	1.0	1.0
=12/LS	2.7 (0.99-7.48)	2.7 (0.98-7.68)	2.6 (0.92-7.05)	2.5 (0.90-7.20)
=12/Amp	1.5 (0.65-3.53)	1.5 (0.64-3.61)	1.4 (0.59-3.23)	1.5 (0.63-3.52)
>12/Amp	0.7 (0.43-1.08)	0.7 (0.43-1.11)	0.6 (0.39-1.02)	0.6 (0.39-1.00)
Education	-----	-----	-----	-----
Gender (males vs. Females)	1.0 (0.67-1.40)	1.0 (0.71-1.94)	1.0 (0.69-1.44)	0.9 (0.64-1.36)
Site (Pelvic vs. extremity)	0.7 (0.36-1.60)	0.8 (0.37-1.67)	0.7 (0.35-1.55)	0.6 (0.29-1.39)
Currently Married	-----	-----	-----	-----
General Health	-----	0.4** (0.21-0.74)	-----	-----
Mental Health	-----	-----	0.8 (0.50-1.37)	-----
Cancer Related Pain	-----	-----	-----	0.9 (0.60-1.39)

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Table 2. Multi-variable models incorporating health status.

Outcome: Graduating High School

**p< 0.005 *p<0.05

Characteristics	OR (95% C.I.)			
	High School	High School	High School	High School
>12/LS (Reference)	1.0	1.0	1.0	1.0
=12/LS	0.2 (0.04-1.20)	0.2 (0.04-1.30)	0.2 (0.04-1.36)	0.2 (0.05-1.34)
=12/Amp	0.2 (0.06-1.11)	0.2 (0.05-1.13)	0.3 (0.06-1.31)	0.3 (0.06-1.29)
>12/Amp	0.5 (0.16-1.46)	0.6 (0.18-1.76)	0.6 (0.19-1.82)	0.5 (0.17-1.60)
Education	-----	-----	-----	-----
Gender (males vs. Females)	0.9 (0.48-1.71)	1.0 (0.50-1.90)	1.0 (0.50-1.98)	0.9 (0.48-1.80)
Site (Pelvic vs. extremity)	N/A	N/A	N/A	N/A
Currently Married	-----	-----	-----	-----
General Health	-----	0.2** (0.10-0.43)	-----	-----
Mental Health	-----	-----	0.4** (0.17-0.73)	-----
Cancer Related Pain	-----	-----	-----	0.4* (0.21-0.80)

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Table 3. Multi-variable models incorporating health status.

Outcome: Ever Having A Job

**p< 0.005 *p<0.05

Characteristics	OR (95% C.I.)			
	Ever Job	Ever Job	Ever Job	Ever Job
>12/LS (Reference)	1.0	1.0	1.0	1.0
=12/LS	10.9 (0.63-191.22)	16.74 (0.88-316.92)	N/A	11.5 (0.64-205.92)
=12/Amp	2.4 (0.22-25.72)	4.5 (0.38-54.72)	2.3 (0.15-35.27)	2.5 (0.23-27.25)
>12/Amp	0.7 (0.11-4.26)	0.6 (0.10-4.17)	0.6 (0.08-4.78)	0.8 (0.12-4.72)
Education:	15.5**	15.5**	17.0**	15.40**
High School Graduate	(4.65-51.87)	(4.21-56.89)	(4.22-68.11)	(4.56-51.99)
Gender	3.8*	3.3	2.9	3.6*
(males vs. Females)	(1.14-12.57)	(0.97-11.35)	(0.86-10.09)	(1.10-12.11)
Site	0.3	0.3	0.1	N/A
(Pelvic vs. extremity)	(0.02-2.89)	(0.02-3.23)	(0.01-1.98)	
Currently Married	-----	-----	-----	-----
General Health	-----	0.3 (0.09-1.18)	-----	-----
Mental Health	-----	-----	0.8 (0.22-2.81)	-----
Cancer Related Pain	-----	-----	-----	1.5 (0.39-5.75)

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Table 4. Multi-variable models incorporating health status.

Outcome: Working the Past Year

**p< 0.005 *p<0.05

Characteristics	OR (95% C.I.)			
	Work Past Year	Work Past Year	Work Past Year	Work Past Year
>12/LS (Reference)	1.0	1.0	1.0	1.0
=12/LS	1.8 (0.52-6.54)	1.8 (0.50-6.22)	1.6 (0.45-5.85)	1.9 (0.53-6.95)
=12/Amp	0.5 (0.19-1.4)	0.5 (0.18-1.33)	0.5 (0.19-1.41)	0.6 (0.21-1.57)
>12/Amp	0.6 (0.31-1.17)	0.6 (0.31-1.19)	0.6 (0.31-1.18)	0.6 (0.32-1.21)
Education:	6.0**	5.2**	5.4**	5.7**
High School Graduate	(2.88-12.60)	(2.43-10.97)	(2.55-11.49)	(2.71-11.96)
Gender	2.4**	2.4**	2.3**	2.4**
(males vs. Females)	(1.48-3.78)	(1.48-3.81)	(1.44-3.73)	(1.48-3.86)
Site	0.4	0.4	0.5	0.4
(Pelvic vs. extremity)	(0.16-1.02)	(0.18-1.11)	0.18-1.16)	(0.16-1.03)
Currently Married	-----	-----	-----	-----
General Health	-----	0.5* (0.25-0.87)	-----	-----
Mental Health	-----	-----	0.5* (0.29-0.82)	-----
Cancer Related Pain	-----	-----	-----	0.6 (0.38-1.01)

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Table 5. Multi-variable models incorporating health status.

Outcome: Having Health Insurance

**p< 0.005 *p<0.05

Characteristics	OR (95% C.I.)			
	Health Insurance	Health Insurance	Health Insurance	Health Insurance
>12/LS (Reference)	1.0	1.0	1.0	1.0
=12/LS	2.9 (0.43-19.50)	2.7 (0.40-18.66)	2.9 (0.42-19.37)	2.0 (0.27-14.67)
=12/Amp	0.8 (0.21-2.92)	0.7 (0.17-2.54)	0.7 (0.19-2.82)	0.6 (0.15-2.43)
>12/Amp	1.0 (0.42-2.20)	1.0 (0.44-2.34)	1.00 (0.43-2.33)	0.8 (0.32-1.97)
Education:	5.7*	5.6**	5.2**	5.7**
College Graduate	(2.56-12.63)	(2.48-12.52)	(2.32-11.61)	(2.46-13.41)
Gender (males vs. Females)	0.4* (0.20-0.72)	0.4** (0.20-.75)	0.4* (0.21-0.80)	0.4** (0.19-0.74)
Site (Pelvic vs. extremity)	0.8 (0.20-3.15)	0.8 (0.20-3.11)	0.8 (0.20-3.15)	1.1 (0.22-5.60)
Currently Married	2.1** (1.06-4.30)	2.2* (1.07-4.39)	2.1* (1.03-4.33)	2.4* (1.17-4.93)
General Health	-----	1.00 (0.44-2.29)	-----	-----
Mental Health	-----	-----	0.6 (0.30-1.35)	-----
Cancer Related Pain	-----	-----	-----	0.7 (0.34-1.35)

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Table 6. Multi-variable models incorporating health status.

Outcome: Health Insurance Problems

**p< 0.005 *p<0.05

Characteristics	OR (95% C.I.)			
	Health Ins Problems	Health Ins Problems	Health Ins Problems	Health Ins Problems
>12/LS (Reference)	1.0	1.0	1.0	1.0
=12/LS	1.2 (0.40-3.44)	1.2 (0.40-3.50)	1.2 (0.40-3.52)	1.2 (0.41-3.80)
=12/Amp	1.3 (0.50-3.17)	1.3 (0.50-3.28)	1.2 (0.48-3.11)	1.4 (0.54-3.59)
>12/Amp	0.9 (0.50-1.51)	0.9 (0.49-1.51)	0.8 (0.50-1.47)	1.0 (0.54-1.69)
Education:				
College	0.7 (0.44-1.03)	0.7 (0.47-1.13)	0.7 (0.44-1.07)	0.7 (0.44-1.08)
Gender (males vs. Females)	1.0 (0.63-1.50)	0.9 (0.6-0-1.44)	0.9 (0.58-1.39)	1.0 (0.63-1.52)
Site (Pelvic vs. extremity)	1.1 (0.50-2.59)	1.1 (0.46-2.53)	1.1 (0.45-2.48)	1.0 (0.38-2.39)
Currently Married	0.6 (0.35-1.04)	0.6 (0.37-1.12)	0.6 (0.35-1.09)	0.6 (0.36-1.12)
General Health	-----	2.2* (1.21-3.98)	-----	-----
Mental Health	-----	-----	1.4 (0.82-2.52)	-----
Cancer Related Pain	-----	-----	-----	1.1 (0.86-1.08)

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Table 7. Multi-variable models incorporating health status.

Outcome: Ever Married

**p< 0.005 *p<0.05

Characteristics	OR (95% C.I.)			
	Ever Married	Ever Married	Ever Married	Ever Married
>12/LS (Reference)	1.0	1.0	1.0	1.0
=12/LS	1.4 (0.61-3.37)	1.4 (0.60-3.41)	1.5 (0.63-3.65)	1.7 (0.71-4.32)
=12/Amp	1.0 (0.47-2.19)	0.9 (0.43-2.05)	1.0 (0.47-2.27)	1.2 (0.53-2.62)
>12/Amp	1.3 (0.72-2.00)	1.1 (0.68-1.93)	1.2 (0.72-2.03)	1.2 (0.73-2.12)
Education	-----	-----	-----	-----
Gender (males vs. Females)	0.5** (0.35-0.74)	0.5** (0.34-0.74)	0.5** (0.33-0.70)	0.5** (0.31-0.68)
Site (Pelvic vs. extremity)	0.9 (0.43-2.04)	0.9 (0.40-1.88)	0.9 (0.42-1.99)	0.7 (0.33-1.67)
Currently Married	-----	-----	-----	-----
General Health	-----	1.7 (0.91-3.18)	-----	-----
Mental Health	-----	-----	1.0 (0.60-1.62)	-----
Cancer Related Pain	-----	-----	-----	1.4 (0.88-2.15)

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Table 8. Multi-variable models incorporating health status.

Outcome: Currently in First Marriage

**p< 0.005 *p<0.05

Characteristics	OR (95% C.I.)			
	First Marriage	First Marriage	First Marriage	First Marriage
>12/LS (Reference)	1.0	1.0	1.0	1.0
=12/LS	1.3 (0.43-3.87)	1.3 (0.45-4.0)	1.2 (0.38-3.48)	1.3 (0.42-3.92)
=12/Amp	1.6 (0.62-3.97)	1.7 (0.66-4.35)	1.5 (0.59-3.91)	1.7 (0.64-4.29)
>12/Amp	1.2 (0.70-2.15)	1.6 (0.71-2.22)	2.3 (0.71-2.24)	1.3 (0.71-2.25)
Education: College	2.9** (1.88-4.53)	2.8** (1.77-4.33)	2.7** (1.75-4.28)	2.9** (1.85-4.56)
Gender (males vs. Females)	0.9 (0.57-1.33)	0.9 (0.56-1.35)	0.9 (0.59-1.42)	0.87 (0.56-1.35)
Site (Pelvic vs. extremity)	3.0* (1.03-8.62)	3.1* (1.06-8.90)	3.3* (1.11-9.53)	3.1* (1.00-9.00)
Currently Married	-----	-----	-----	-----
General Health	-----	0.7 (0.38-1.26)	-----	-----
Mental Health	-----	-----	0.5* (0.30-0.89)	-----
Cancer Related Pain	-----	-----	-----	0.6 (0.39-1.01)