

Table 1. Differences by participation in the art and art activities (N=500)

	None	Formal Art Only	Informal Art Only	Both	P value
Life satisfaction					
<i>Not Satisfied</i>	14.3%	6.4%	13.3%	3.7%	
<i>Neither</i>	15.8%	16.4%	24.4%	11.2%	0.0043*
<i>Satisfied</i>	69.9%	77.3%	62.2%	85.1%	
Health Rating					
<i>Fair or Poor</i>	61.7%	16.0%	8.6%	13.6%	0.0005**
<i>Good, Very Good or Excellent</i>	37.7%	23.3%	9.1%	29.8%	
Gender					
<i>Male</i>	41.8%	21.8%	11.15	25.2%	0.1547
<i>Female</i>	40.9%	22.3%	5.8%	30.6%	
Age					
<i>Less than 35 years</i>	38.60%	19.3%	5.26%	36.8%	
<i>35 to 59 years</i>	39.6%	23.5%	11.5%	25.4%	0.2417
<i>60 years or older</i>	45.7%	20.8%	6.7%	27.2%	
Employed	57.2%	78.9%	68.2%	74.8%	0.0002**
Marital Status					
<i>Married</i>	49.7%	53.2%	55.6%	50.0%	
<i>Widowed</i>	5.9%	5.5%	2.2%	7.5%	0.9880
<i>Never Married</i>	25.1%	23.8%	24.4%	23.9%	
<i>Divorced or Separated</i>	19.2%	22.2%	9.2%	27.3%	
Race					
<i>Caucasian</i>	37.5%	17.9%	10.7%	33.9%	
<i>African American</i>	62.3%	14.5%	4.3%	18.8%	0.0141*
<i>Other</i>	38.4%	24.1%	9.8%	27.7%	
Education					
<i>Below High</i>	65.2%	13.4%	8.7%	13.0%	
<i>High School</i>	62.0%	17.8%	8.5%	11.6%	
<i>Some College</i>	34.6%	23.3%	12.8%	29.3%	<.0001***
<i>Graduate</i>	33.0%	24.8%	5.5%	36.7%	
<i>Post Graduate</i>	23.4%	27.7%	8.5%	40.%	
Emotional Support					
<i>None</i>	62.5%	17.5%	7.5%	12.5%	
<i>Some</i>	51.6%	11.3%	11.3%	25.8%	0.0098*
<i>Support</i>	37.0%	24.7%	8.7%	29.6%	

Table 2. Adjusted logistic regression results of association between participation in arts and life satisfaction (N=500)

	Formal Art Only AOR (95% CI)	Informal Art Only AOR (95% CI)	Both AOR (95% CI)
Life satisfaction			
<i>Neither vs. Not Satisfied</i>	1.9 (0.65-5.70)	1.25 (0.37-4.18)	3.0 (0.82-10.88)
<i>Neither vs. Satisfied</i>	1.9 (0.72-4.77)	0.75 (0.26-2.18)	4.16 (1.32-13.10)
Gender			
<i>Male vs. Female</i>	1.0 (0.62-1.77)	0.4 (0.20-0.96)	1.27 (0.76-2.13)
Age	1.0 (0.98-1.01)	1.0 (0.96- 1.0)	1.0 (0.98- 1.00)
Employment			
<i>Yes vs. No</i>	2.3 (1.24-4.31)	1.2 (0.54-2.67)	2.0 (1.09-3.64)
Marital Status			
<i>Widowed vs. Married</i>	1.5 (0.44-4.99)	0.8 (0.09-7.19)	2.1 (0.65-7.1)
<i>Never Married vs. Married</i>	1.00 (0.48-2.12)	0.6 (0.23-1.59)	1.1 (0.54-2.43)
<i>Divorced/Separated vs. Married</i>	0.8 (0.41-1.71)	0.9 (0.34-2.30)	1.1 (0.56-2.22)
Race			
<i>African American vs. Caucasian</i>	0.47 (0.16-1.40)	0.25 (0.05-1.19)	0.38 (0.14-1.03)
<i>Other Race vs. Caucasian</i>	1.0 (0.41-2.45)	0.95 (0.32-2.82)	0.65 (0.29- 1.48)
Education			
<i>High School vs. Below High School</i>	1.3 (0.33-5.30)	1.4 (0.26-7.71)	1.15 (0.22-5.91)
<i>Some College vs. Below High School</i>	3.39 (0.84-13.67)	4.04 (0.75-21.90)	6.0 (1.20-29.81)
<i>Graduate vs. Below High School</i>	2.80 (0.70-11.31)	1.6 (0.27- 9.57)	5.7 (1.14-28.26)
<i>Post Graduate vs. Below High School</i>	4.9 (1.15-20.65)	4.2 (0.70-24.78)	10.0 (1.92-51.79)
Emotional Support			
<i>Neither vs. No</i>	0.8 (0.21-2.75)	1.5 (0.33-7.07)	4.4 (0.84-22.89)
<i>Yes vs. No</i>	1.9 (0.69-5.19)	2.0 (0.51-7.67)	5.3 (1.14-24.89)

Table 3. Adjusted logistic regression results of association between participation in arts and health rating (N=500)

	Formal Art Only AOR (95% CI)	Informal Art Only AOR (95% CI)	Both AOR (95% CI)
Health Rating			
<i>Excellent/Good vs. Fair/Poor</i>	1.5 (0.73-3.22)	1.56 (0.58-4.17)	1.9 (0.87-4.08)
Gender			
<i>Male vs. Female</i>	1.0 (0.59-1.69)	0.42 (0.19-0.93)	1.19 (0.72-1.99)
Age	1.0 (0.98-1.01)	1.0 (0.96-1.00)	0.99 (0.98-1.01)
Employed			
<i>Yes vs. No</i>	2.2 (1.16-4.06)	1.0 (0.47-2.32)	0.56 (0.31-1.02)
Marital Status			
<i>Widowed vs. Married</i>	1.5 (0.54-5.22)	0.7 (0.098-6.99)	2.2 (0.66-7.24)
<i>Never Married vs. Married</i>	1.1 (0.50-2.22)	0.6 (0.22-1.60)	1.1 (0.53-2.34)
<i>Divorced/Separated vs. Married</i>	0.8 (0.42-1.74)	1.0 (0.38-2.54)	1.1 (0.55-2.16)
Race			
<i>African American vs. Caucasian</i>	0.47 (0.16-1.40)	0.25 (0.05-1.19)	0.3 (0.13-0.95)
<i>Other Race vs. Caucasian</i>	1.0 (0.41-2.45)	0.95 (0.32-2.82)	0.62 (0.27-1.40)
Education			
<i>High School vs. Below High School</i>	1.3 (0.33-5.30)	1.4 (0.26-7.71)	1.2 (0.23-6.03)
<i>Some College vs. Below High School</i>	3.4 (0.84-13.67)	4.0 (0.75-21.90)	5.8 (1.17-28.91)
<i>Graduate vs. Below High School</i>	2.8 (0.70-11.31)	1.6 (0.27- 9.57)	5.30 (1.07-26.27)
<i>Post Graduate vs. Below High School</i>	4.9 (1.15-20.65)	4.2 (0.70-24.78)	9.5 (1.84-49.54)
Emotional Support			
<i>Neither vs. No</i>	0.89 (0.25-3.15)	1.5 (0.34-7.01)	5.6 (1.11-28.59)
<i>Yes vs. No</i>	2.2 (0.85-5.89)	1.8 (0.48-6.55)	7.6 (1.68-34.07)

	Access to Art	Access to Art
Life satisfaction		
<i>Neither vs. Not Satisfied</i>	0.5 (0.18-1.26)	0.3 (0.12-1.00)
<i>Neither vs. Satisfied</i>	0.3 (0.12-0.66)	0.3 (0.12-0.67)
Gender		
<i>Male vs. Female</i>	0.64 (0.38-1.08)	0.9 (0.48-1.56)

Age	1.0 (0.96-1.00)	1.0 (0.98-1.01)
Employed		
Yes vs. No	0.6 (0.35-1.14)	0.6 (0.30-1.14)
Married		
Yes vs. No	1.0 (0.77-2.00)	0.9 (0.66-1.23)
Race		
Yes vs. No	0.47 (0.16-1.40)	0.25 (0.05-1.19)
Yes vs. No	1.0 (0.41-2.45)	0.95 (0.32-2.82)
Education		
High School vs. Below High School	1.3 (0.33-5.30)	1.4 (0.26-7.71)
Some college vs. Below High School	3.39 (0.84-13.67)	4.04 (0.75-21.90)
Graduate vs. Below High School	2.80 (0.70-11.31)	1.6 (0.27- 9.57)
Post Graduate vs. Below High School	4.9 (1.15-20.65)	4.2 (0.70-24.78)
Emotional Support		
Yes vs. No	1.0 (0.33-2.96)	1.6 (0.49-5.18)
	0.4 (0.18-1.16)	0.4 (0.17-1.31)

	Access to Art	Access to Art
Health rating		
Neither vs. Not Satisfied	0.3 (0.15-0.56)	0.5 (0.25-1.08)
Gender		
Male vs. Female	0.7 (0.42-1.21)	0.9 (0.53-1.70)
Age	1.0 (0.96-1.00)	1.0 (0.98-1.01)
Employment		
Yes vs. No	1.6 (0.86-2.78)	1.6 (0.86-3.14)
Married		
Yes vs. No	1.0 (0.80-1.23)	1.1 (0.86-1.40)
Race		
Yes vs. No	1.1 (0.43-2.83)	1.2 (0.40-3.45)

<i>Yes vs. No</i>	1.1 (0.50-2.39)	1.1 (0.44-2.69)
Education		
<i>High School vs. Below High School</i>	1.1 (0.27-4.19)	0.5 (0.17-1.72)
<i>Some college vs. Below High School</i>	1.2 (0.32-4.79)	0.3 (0.90-1.00)
<i>Graduate vs. Below High School</i>	1.4 (0.37-5.74)	0.3 (0.09- 1.09)
<i>Post Graduate vs. Below High School</i>	1.6 (0.28-4.83)	0.1 (0.03-0.61)
Emotional Support		
<i>Yes vs. No</i>	1.0 (0.33-2.96)	1.6 (0.49-5.18)
	0.4 (0.18-1.16)	0.4 (0.17-1.31)

	Access to Art	Access to Art
Art Participation		
<i>Formal vs. None</i>	0.4 (0.20-0.81)	0.1 (0.05-0.44)
<i>Informal vs. None</i>	1.1 (0.46-2.51)	0.9 (0.34-2.43)
<i>Both vs. None</i>		
Gender		
<i>Male vs. Female</i>	0.64 (0.38-1.08)	0.9 (0.48-1.56)
Age	1.0 (0.96-1.00)	1.0 (0.98-1.01)
Employment		
<i>Yes vs. No</i>	0.6 (0.35-1.14)	0.6 (0.30-1.14)
Married		
<i>Yes vs. No</i>	1.0 (0.77-2.00)	0.9 (0.66-1.23)
Race		
<i>Yes vs. No</i>	0.47 (0.16-1.40)	0.25 (0.05-1.19)
<i>Yes vs. No</i>	1.0 (0.41-2.45)	0.95 (0.32-2.82)
Education		
<i>High School vs. Below High School</i>	1.3 (0.33-5.30)	1.4 (0.26-7.71)
<i>Some college vs. Below High School</i>	3.39 (0.84-13.67)	4.04 (0.75-21.90)

<i>Graduate vs. Below High School</i>	2.80 (0.70-11.31)	1.6 (0.27- 9.57)
<i>Post Graduate vs. Below High School</i>	4.9 (1.15-20.65)	4.2 (0.70-24.78)
Emotional Support		
<i>Yes vs. No</i>	1.0 (0.33-2.96)	1.6 (0.49-5.18)
	0.4 (0.18-1.16)	0.4 (0.17-1.31)