

ONLINE SUPPLEMENT TABLE OF CONTENTS

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eTABLE 1. Knowledge and Attitudes About Mental Illness¹: Item Wording, Response Options, and Pre-Test Descriptive Statistics and Frequencies

Scale Mean 3.59, ² Scale Standard Deviation .39 ²	Strongly Agree (1)		Agree (2)		Neutral (3)		Disagree (4)		Strongly Disagree (5)		Item Mean ³	Standard Deviation ³
	N	%	N	%	N	%	N	%	N	%		
I would be comfortable meeting a person with a mental illness. ^R	153	21	301	41	199	27	57	8	31	4	2.34	1.022
It would be embarrassing to have a mental illness.	57	8	121	16	156	21	251	34	157	21	3.44	1.208
I would be frightened if a person with a mental illness approached me.	33	5	75	10	140	19	250	34	241	33	3.80	1.134
People with a mental illness are able to help others. ^R	99	14	278	38	239	33	92	13	26	4	2.5	0.991
A person with a mental illness is able to be a good friend. ^R	301	41	291	40	110	15	22	3	12	2	1.85	0.896
It's okay to make jokes about a mental illness if the jokes are meant to be funny.	8	1	28	4	50	7	159	22	493	67	4.49	0.863
Keeping people with a mental illness in the hospital makes the community a safer place.	45	6	105	42	268	36	213	29	108	15	3.32	1.077
Students with a mental illness should not be allowed in regular classes.	41	6	113	15	178	24	258	35	148	20	3.49	1.137
Only people who are weak and overly sensitive let a mental illness affect them.	32	4	107	4	187	25	317	43	100	14	3.47	1.032
If I had a mental illness, I would not tell any of my friends.	72	10	107	4	162	22	260	35	145	19	3.40	1.223
The treatment of mental illnesses is just as important as the treatment of illnesses such as asthma and diabetes. ^R	197	26	327	44	139	19	68	9	16	2	2.17	0.990
People with mental illnesses are hurt when others use slang words for their problem. ^R	280	38	224	30	191	26	28	4	19	3	2.03	1.008
Parents are usually to blame for a child's mental illness.	11	2	55	8	200	27	209	28	263	36	3.89	1.024
People with a mental illness tend to be violent and dangerous.	20	3	67	9	277	38	228	31	146	20	3.56	0.994
People with a mental illness are more likely to lie than other people.	14	2	41	6	275	37	258	35	157	21	3.68	0.930
Most people with severe forms of mental illness do not get better, even with treatment.	18	2	91	12	368	50	198	27	69	9	3.28	0.882
A mental illness is caused by something	38	5	134	18	482	65	72	10	14	2	2.85	0.734

genetic or hereditary. ^R													
Giving medicine is a useful way to treat a mental illness. ^R	58	8	284	38	296	36	110	15	22	3	2.67	0.923	
Mental retardation and mental illness are the same things.	18	2	89	12	330	45	216	29	89	12	3.36	0.926	
Psychological therapy (for example, talking to a psychologist or counselor) is a useful way to treat a mental illness. ^R	103	14	340	46	206	28	77	10	18	2	2.42	0.935	
People who have had a mental illness include astronauts, presidents, and famous baseball players. ^R	49	7	205	28	325	44	120	16	43	6	2.87	0.958	

^R Indicates that the item in question is reversed coded (1=5, 2=4, 3=3, 4=2, 5=1) for scale construction.

¹ The scale is scored by adding each person's score (after indicated reverse coding) on each question validly answered by that person (non-missing) and dividing by the number of items validly answered. If a respondent is missing on more than one third of items (8 or more) he/she is given a system missing value for the scale.

² Scale mean and standard deviation are from scale scored as described in footnote 1.

³ Item means and standard deviations are from the variables before reverse coding.

eTable 2. Stigma Awareness and Action¹: Item Wording, Response Options, and Pre-Test Descriptive Statistics and Frequencies

	Past Six Months				Past Two Weeks			
	Yes (1)		No (0)		Yes (1)		No (0)	
	N	%	N	%	N	%	N	%
Scale Mean: 6 month = .46, 2 week = .17; 2 Scale Standard Deviation 6 month .26, 2 week = .20 ²								
I heard people use slang terms about mental illness like “psycho,” “crazy” or “looney” to put people down.	463	63	278	38	176	24	562	76
I saw mental illness presented in a negative way on a TV program, movie, newspaper, magazine or online.	342	46	399	54	134	18	603	82
I told someone it is wrong to make fun of a person with mental illness.	541	73	205	28	182	25	555	75
I told someone I didn’t like the negative way that a mental illness was shown in a TV program, movie, newspaper, magazine or online.	244	33	492	67	82	11	651	89
Kids in my school have been left out activities because they had mental health problems	205	28	533	72	74	10	662	90
I saw kids at my school making fun of someone who has a mental health problem.	252	34	494	66	106	14	637	86
I made friends with someone who has a mental health problem	345	47	397	54	89	12	648	88
I saw kids in my school trying to help other kids with their mental health problems	329	45	407	55	185	25	549	75

¹ The scale is scored by adding each person’s score on each question validly answered by that person (non-missing) and dividing by the number of items validly answered. If a respondent is missing on more than one third of items (3 or more) he/she is given a system missing value for the scale.

² Scale mean and standard deviation are from scale scored as described in footnote 1.

eTable 3: Avoidance and Discomfort¹: Item Wording, Response Options, and Pre-Test Descriptive Statistics and Frequencies

	Past 6 Months				Past Two Weeks			
	Yes (1)		No (0)		Yes (1)		No (0)	
	N	%	N	%	N	%	N	%
I avoided a person who seemed too nervous and uptight all the time.	110	16	597	84	40	6	670	94
I avoided a kid in my school because of a mental health problem he or she had.	47	7	658	93	22	3	686	97
I felt uncomfortable around a kid in my class who has a mental health problem.	71	10	623	90	25	4	672	96
I avoided a kid who was depressed and never wanted to do anything fun.	119	17	589	83	45	6	666	94
I avoided a person who said odd things and behaved in strange ways.	163	23	546	77	66	9	646	91
I feel like I don't know what to say to a kid who has a mental health problem.	203	29	500	71	75	11	628	89

¹ The scale is scored by adding each person's score on each question validly answered by that person (non-missing) and dividing by the number of items validly answered. If a respondent is missing more than one-third of the items (3 or more) he/she is assigned a system missing value for the scale.

² Scale mean and standard deviation are from scale scored as described in footnote 1.

eTable 4. Social Distance¹: Item Wording, Response Options, and Pre-Test Descriptive Statistics and Frequencies

Overall Scale: Mean 2.15,² Standard Deviation .75,² Alpha .89
 Less Acceptable Subscale: Mean 2.33, Standard Deviation .83,
 Alpha .81
 More Acceptable Subscale: Mean 1.96, Standard Deviation .75,
 Alpha .72

Would it be OK with you to . . .

Less Acceptable Subscale

Invite someone with mental illness to your home

Sit next to someone with mental illness in class

Work on a class project with someone with mental illness

More Acceptable Subscale

Make friends with someone with mental illness

Have someone with mental illness as a neighbor

Eat lunch at school with someone who has a mental illness

	Definitely Yes (1)		Probably Yes (2)		Probably No (3)		Definitely No (4)		Item Mean	Standard Deviation
	N	%	N	%	N	%	N	%		
Invite someone with mental illness to your home	139	19	282	38	238	32	86	12	2.36	.92
Sit next to someone with mental illness in class	192	26	253	34	186	25	114	15	2.30	1.02
Work on a class project with someone with mental illness	172	23	255	34	207	28	107	14	2.34	.99
Make friends with someone with mental illness	349	47	268	36	93	13	34	5	1.75	.85
Have someone with mental illness as a neighbor	252	34	278	37	152	20	67	9	2.05	.95
Eat lunch at school with someone who has a mental illness	7	30	26	41	24	21	7	9	2.09	.92

¹ The scale is scored by adding each person's score on each question validly answered by that person (non-missing) and dividing by the number of items validly answered. If a respondent is missing on more than one third of items (3 or more for overall scale, 2 or more for subscales) he/she is given a system missing value for the scale.

² Scale mean and standard deviation are from scale scored as described in footnote 1.

eTable 5. Personal help-seeking¹: Item Wording, Response Options, and Pre-Test Descriptive Statistics and Frequencies

Scale Mean .71², Scale Standard Deviation .25², Alpha .78

	Yes		No	
	N	%	N	%
I would talk to friends if I were having a mental health problem.	513	70	222	30
I would talk to my parents if I were having a mental health problem.	649	89	83	11
I would talk to my doctor if I were having a mental health problem.	648	88	85	2
I would talk to a priest, minister, rabbi or other religious leader if I had a mental health problem.	347	47	388	53
I would talk to a school counselor if I had a mental health problem.	487	66	254	34
I would talk to a therapist or counselor outside of school if I had a mental health problem.	452	62	281	38
I would take medicine if I had a mental health problem.	562	76	176	24

¹ The scale is scored by adding each person's score on each question validly answered by that person (non-missing) and dividing by the number of items validly answered. If a respondent is missing on more than one third of items (3 or more) he/she is given a system missing value for the scale.

² Scale mean and standard deviation are from scale scored as described in footnote 1.

eTable 6. Vignettes

Julia (meeting DSM IV criteria for bipolar disorder)

Julia is a 13-year old student in your school. She has always made good grades, had a lot of friends, and played on the volleyball team. In the last three weeks, her behavior has changed. One minute she seems overly happy and the next minute seems angry and irritable. Sometimes Julia talks really fast about a lot of different things and no one else gets a chance to speak. Her behavior is very disruptive in class. She begins talking to the entire class about things not related to the class material while the teacher is talking. Julia has not been able to sleep more than two hours a night for several days, but does not feel tired. Last week she stole her parents' car and went for a ride even though she is not old enough to drive.

David (meeting DSM IV criteria for social anxiety disorder)

David is a 13-year old student in your school. David refuses to attend any events such as dances or parties because he is scared he will do or say something embarrassing. When teachers ask him questions in front of the class, he feels his face get hot. He will not answer the teacher's question because he is afraid he will give the wrong answer. David even misses school of days he is supposed to speak in front of the class and will accept an F for the assignment. He does not feel he is as good as the other students.

eTable 7. Beliefs About Vignette Subject and His/Her Condition: Item Wording, Response Options, and Pre-Test Descriptive Statistics and Frequencies¹

	Not At All Likely (1)		Not Very Likely (2)		Somewhat Likely (3)		Very Likely (4)		Item Mean	Standard Deviation
	N	%	N	%	N	%	N	%		
	Julia is in this situation because she is just a bad person.	359	49	284	38	73	10	24		
Julia is experiencing a mental illness.	14	2	75	10	359	50	276	38	3.24	1.02
Julia's situation will improve with treatment.	21	3	131	18	427	59	146	20	2.96	.99
David is in this situation because he is just a bad person.	360	49	301	41	45	6	27	4	1.64	.85
David is experiencing a mental illness.	82	11	235	33	289	40	117	16	2.61	.92
David's situation will improve with treatment.	49	7	172	24	370	51	141	19	2.82	.92

¹ Analyzed as individual items, not a multi-item scale.

eTable 8. Social Distance from Vignette Characters¹: Item Wording, Response Options, and Pre-Test Descriptive Statistics and Frequencies

	Definitely Yes (1)		Probably Yes (2)		Probably No (3)		Definitely No (4)		Item Mean	Standard Deviation
	N	%	N	%	N	%	N	%		
Scale Mean 2.10, ² Scale Standard Deviation .72, ² Alpha .92										
Would it be OK with you to . . .										
live next door to Julia?	148	21	284	40	186	26	97	14	2.32	.952
spend an afternoon or evening hanging out with Julia?	131	19	265	34	229	32	85	12	2.38	.919
make friends with Julia?	212	29	310	5 ⁵	143	20	56	8	2.06	.895
work closely with Julia on a class assignment?	151	21	238	33 ³³	238	33	88	12	2.37	.950
live next door to David?	300	42	299	42	75	11	39	6	1.79	.839
spend an afternoon or evening hanging out with David?	246	35	291	41	133	19	40	6	1.95	.871
make friends with David?	318	45	296	42	61	9	37	5	1.74	.822
work closely with David on a class assignment?	221	31	251	35	180	25	58	8	2.11	.939

¹ The scale is scored by adding each person's score on each question validly answered by that person (non-missing) and dividing by the number of items validly answered. If a respondent is missing on more than one third of items (3 or more) he/she is given a system missing value for the scale.

² Scale mean and standard deviation are from scale scored as described in footnote 1.

eTable 9. Vignette Help-Seeking Recommendations¹: Item Wording, Response Options, and Pre-Test Descriptive Statistics and Frequencies

Scale Mean: .78;² Scale Standard Deviation .21;² Alpha =.75.

	Yes (1)		No (0)	
	N	%	N	%
Should Julia.....				
talk to friends or family about her problem?	704	95	34	5
talk to a doctor about her problem?	677	92	56	8
talk to a priest, minister, rabbi or other religious leader about her problem?	483	66	246	34
take medicine for her problem?	559	76	179	24
talk to a school counselor about her problem?	628	86	105	14
talk to a therapist or a counselor outside of school about her problem?	595	81	139	19
Should David....				
talk to friends or family about his problem?	674	92	56	8
talk to a doctor about his problem?	538	74	192	26
talk to a priest, minister, rabbi or other religious leader about his problem?	412	56	318	44
take medicine for his problem?	381	52	351	48
talk to a school counselor about his problem?	622	86	103	14
talk to a therapist or a counselor outside of school about his problem?	542	74	189	26

¹ The scale is scored by adding each person's score on each question validly answered by that person (non-missing) and dividing by the number of items validly answered. If a respondent is missing on more than one third of items (5 or more) he/she is given a system missing value for the scale.

² Scale mean and standard deviation are from scale scored as described in footnote 1.

eTable 10. Pre-Test Correlations Between Dependent Measures (Pearson correlation coefficient, 2-tailed significance level, N)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
1 Knowledge/ Attitudes														
2 Awareness/ Action	.21***													
3 Avoidance/ Discomfort	-.17***	.23***												
4 Social Distance (Overall)	-.61***	-.25***	.15***											
5 Social Distance (Less Acceptable)	-.56***	-.23***	.14***	.95***										
6 Social Distance (More Acceptable)	-.60***	-.24***	.15***	.95***	.81***									
7 Personal Willingness to Seek Help	.28***	.09*	-.06	-.26***	-.24***	-.26***								
8 Julia is a Bad Person	-.34***	-.05	.09*	.28***	.24***	.29***	-.12**							
9 Julia Has Mental Illness	.07*	.04	.05	-.07	-.06	-.08*	.05	-.12**						
10 Julia Will Improve with Treatment	.14***	.03	-.01	-.13**	-.12**	-.12**	.18***	-.06	.15***					
11 David is a Bad Person	-.27***	.00	.13**	.18***	.15***	.19***	-.18***	.34***	-.09*	-.16***				
12 David Has Mental Illness	.02	.02	.00	-.01	.01	-.02	.06	.01	.28***	.07	.10**			
13 David Will Improve with Treatment	.07	.05	.02	-.05	-.04	-.05	.07*	.01	.13***	.33***	.03	.30***		
14 Julia/David Should Seek Help	.12**	-.01	-.01	-.07	-.05	-.08*	.40***	-.06	.19***	.22***	-.08*	.31***	.29***	
15 Social Distance From Julia/David	-.44**	-.26	.14**	.61**	.57**	.59**	-.25**	.27**	-.04	-.17**	.26**	.04	-.05	-.06

