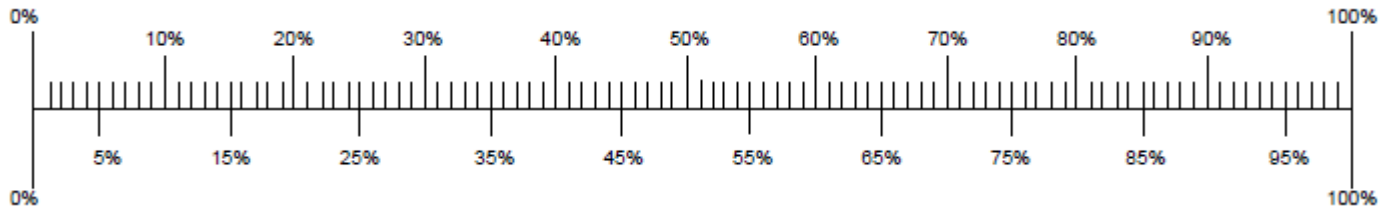


No chance

Certainty

What is the probability that you will keep your permanent address in the same state during the next year?



No chance

Certainty

Supplementary eTable 1a. Correlation between *Resistance to Sunk Cost and Resistance to Framing* and other measures in the Depressed Participants

		ADMC		Demographic	Cognition	IQ	Interpersonal			
		Sunk Cost	Resistance to Framing	Age	Mattis Dementia Rating Scale	WTAR	IIP Sensitivity	IIP Ambivalence	IIP Aggression	SPSI Impulsivity Carelessness Style
ADMC										
Resistance to Framing	Pearson R	.01								
Demographic										
Age	Pearson R	-.13	-.13							
Cognition										
Mattis Dementia Rating Scale	Pearson R	.23**	.16	-.34**						
IQ										
WTAR	Pearson R	.23**	.36**	-.031	.39**					
Interpersonal										
IIP Sensitivity	Pearson R	-.01	-.05	-.34**	.06	.04				
IIP Ambivalence	Pearson R	-.134	-.17*	-.14	-.15	-.28**	.38**			
IIP Aggression	Pearson R	.05	-.02	-.20*	.03	-.01	.71**	.49**		
Impulsivity/Social Problem Solving										
SPSI Impulsivity Carelessness Style	Pearson R	-.10	-.17*	-.17	-0.08	-.17	.30**	.54**	.37**	
Depression										
Hamilton 16***	Pearson R	-.02	-.01	-.29**	-.02	-.06	.24**	.22*	.15**	.30**

Sample size for assessments (mean) = 142, range 140 -148

* Correlation is significant at the 0.05 level (2-tailed).

** Correlation is significant at the 0.01 level (2-tailed).

*** No suicide Items used

Susceptibility to sunk cost bias was moderately correlated with poor global cognition (DRS scores) and modestly correlated with struggle in interpersonal relationships (IIP Ambivalence Subscale). Inability to resist framing effects was modestly correlated with age, global cognition, IQ (WTAR score), struggle in interpersonal relationships, and impulsive/careless social problem (SPSI Impulsivity/Carelessness Style).

Supplementary eTable 1b. Correlation between *Over/Underconfidence* and *Consistency in Risk Perception* and other measures in the Depressed Participants

		ADMC		Demographic	Cognition	Interpersonal			SPSI Impulsivity Carelessness Style	
		Over/Under Confidence	Consistency in Risk Perception	Age	Mattis Dementia Rating Scale	IIP Sensitivity	IIP Ambivalence	IIP Aggression		
ADMC										
Consistency in Risk Perception	Pearson R	-.14								
Demographic										
Age	Pearson R	.03	-.06							
Cognition										
Mattis Dementia Rating Scale	Pearson R	.22**	.01	-.34**						
Interpersonal										
IIP Sensitivity	Pearson R	-.10	-.02	-.34**		.06				
IIP Ambivalence	Pearson R	-.22**	-.12	-.14	-.15	.38**				
IIP Aggression	Pearson R	-.10	-.14	-.20*	.03	.71**	.49**			
Impulsivity/Social Problem Solving										
SPSI Impulsivity Carelessness Style	Pearson R	-.17*	-.10	-.17	-0.75	.30**	.54**	.37**		
Depression										
Hamilton 16***	Pearson R	.02	.09	-.29**		-.02	.24**	.22*	.15**	.30**

Sample size for assessments (mean) = 142, range 140-148

* Correlation is significant at the 0.05 level (2-tailed).

** Correlation is significant at the 0.01 level (2-tailed).

Over/under Confidence was moderately correlated with poor global cognition (DRS scores) and with struggle in interpersonal relationships (IIP Ambivalence Subscale) and modestly correlated with impulsivity (SPSI Impulsivity/Carelessness Style). Consistency in Risk Perception modestly correlated with interpersonal aggression (IIP Aggression Subscale).

Sensitivity analyses

To ensure that group differences were not distorted by partial effects of age¹, we equated all 5 groups on age by excluding the oldest participants from the non-psychiatric control (8 dropped) and the depressed non-suicidal groups (11 dropped). In this sample of 152 participants, group differences in resistance to sunk cost ($F[4,142]=3.61, p=0.008, \eta_p^2=0.09$) and resistance to framing ($F[4,142]=4.27, p=0.003, \eta_p^2=0.11$) remained after controlling for gender, race, age, and Dementia Rating Scale score.

References

1. Miller GA, Chapman JP. Misunderstanding analysis of covariance. *Journal of abnormal psychology* 2001 Feb;110(1):40-48.