

Online Supplement: Appendix A

Correlation Matrix

	ID	NM	AGE	GEN	DPC	SOC	IE	FE	FUI	PPI	PRB	IN	TA	IA	APP
ID	1.00														
NM	-0.03	1.00													
AGE	-0.01	-0.01	1.00												
GEN	0.01	0.05	0.08	1.00											
DPC	0.04	-0.05	-0.04	0.02	1.00										
SOC	-0.05	0.07	0.08	0.09	0.02	1.00									
IE	-0.09	0.11	-0.06	0.02	0.11	0.22	1.00								
FE	0.08	0.11	0.08	0.06	0.27	0.08	0.20	1.00							
FUI	0.06	0.11	0.13	0.10	0.19	0.16	0.13	0.73**	1.00						
PPI	0.47**	0.41**	0.22	0.07	-0.06	-0.02	-0.05	0.20	0.13	1.00					
PRB	0.18	0.48**	-0.17	0.01	0.02	0.07	0.01	0.07	0.08	-0.05	1.00				
IN	-0.29*	-0.36*	0.06	-0.14	0.04	-0.21	0.01	-0.14	0.17	-0.28*	-0.36*	1.00			
TA	0.36*	-0.07	0.12	0.05	0.03	-0.22	-0.14	0.20	-0.16	0.43**	-0.30*	-0.02	1.00		
IA	0.25*	-0.29*	-0.05	0.16	0.15	0.13	-0.07	0.13	-0.14	0.26*	-0.34*	-0.23*	0.35*	1.00	
APP	0.15	0.19	-0.16	-0.12	0.06	-0.14	-0.12	0.14	-0.02	-0.37*	0.44**	-0.45**	-0.17	-0.13	1.00

Notes

N = 109

ID = information dissemination; NM = network mutuality; AGE = age; GEN = gender; DPC = dispositional privacy concerns; SOC = sociability; IE = Internet experience; FE = Facebook experience; FUI = Facebook usage experience; PPI = perceived privacy invasion; PRB = perceived relationship bonding; IN = inaction; TA = transactional avoidance; IA = interpersonal avoidance; APP = approach.

* $p < 0.05$, ** $p < 0.01$

Online Supplement: Appendix B

Logistic Regression

Covariates	Dependent Variable			
	Model A	Model B	Model C	Model D
Dispositional Privacy Concerns				
Estimate	0.06	0.05	0.44	0.06
Significance	$p = 0.79$ (N.S.)	$p = 0.82$ (N.S.)	$p = 0.13$ (N.S.)	$p = 0.83$ (N.S.)
95% CI	(0.69, 1.64)	(-0.38, 0.48)	(-0.13, 1.01)	(-0.51, 0.64)
Sociability				
Estimate	-0.24	-0.54	0.14	-0.57
Significance	$p = 0.35$ (N.S.)	$p = 0.08$ (N.S.)	$p = 0.65$ (N.S.)	$p = 0.07$ (N.S.)
95% CI	(0.47, 1.30)	(-1.04, -0.05)	(-0.47, 0.76)	(-1.19, 0.05)
Facebook Experience				
Estimate	-0.66	0.19	0.13	0.29
Significance	$p = 0.07$ (N.S.)	$p = 0.54$ (N.S.)	$p = 0.70$ (N.S.)	$p = 0.60$ (N.S.)
95% CI	(0.26, 1.05)	(-0.41, 0.79)	(-0.54, 0.80)	(-0.78, 1.36)
Facebook Usage Intensity				
Estimate	0.23	-0.24	-0.43	-0.54
Significance	$p = 0.44$ (N.S.)	$p = 0.41$ (N.S.)	$p = 0.23$ (N.S.)	$p = 0.24$ (N.S.)
95% CI	(0.71, 2.23)	(-0.81, 0.33)	(-1.11, 0.26)	(-1.46, 0.37)

Notes:

Model A: DV = Inaction (IN)

Model B: DV = Transactional Avoidance (TA)

Model C: DV = Interpersonal Avoidance (IA)

Model D: DV = Approach (AP)

Online Supplement: Appendix C

	Dependent Variable								
	Model A	Model B			Model C			Model D	
Parallel Lines Test									
Chi-Square		7.68			4.77			5.97	
Degrees of Freedom		12			12			6	
Significance		$p = 0.77$ (N.S.)			$p = 0.97$ (N.S.)			$p = 0.43$ (N.S.)	
Model Fit									
Likelihood Ratio Chi-Square	43.53	67.92			27.85			42.96	
Degrees of Freedom	6	6			6			6	
Significance	$p < 0.01$	$p < 0.01$			$p < 0.01$			$p < 0.01$	
Cox & Snell	0.33	0.46			0.23			0.33	
Covariates-only									
Cox & Snell	0.08	0.04			0.02			0.02	
Threshold									
		TA = 0	TA = 1	TA = 2	IA = 0	IA = 1	IA = 2	AP = 0	AP = 1
Estimate		2.29	3.78	5.25	2.34	2.96	5.11	3.46	4.18
Standard Error		1.16	1.21	1.30	0.35	0.41	0.95	0.89	0.92
Wald Chi-Square		3.92	9.74	16.33	34.23	42.54	36.45	25.13	29.45
Significance		$p < 0.05$	$p < 0.01$	$p < 0.01$	$p < 0.01$	$p < 0.01$	$p < 0.01$	$p < 0.01$	$p < 0.01$
95% CI									
Lower Bound		1.98	1.41	2.70	1.55	2.24	3.42	2.04	4.25
Upper Bound		2.56	6.15	7.79	3.10	3.88	5.35	2.86	6.88
Predictors									
Perceived Privacy Invasion									
Estimate	-0.78	2.90			0.71			-1.17	
Standard Error	0.30	0.58			0.36			0.78	
Wald Chi-Square	6.86	16.33			3.95			5.46	
Significance	$p < 0.01$	$p < 0.01$			$p = 0.23$ (N.S.)			$p < 0.05$	
Odds-Ratio	0.46	18.17			2.03			0.31	
95% CI									
Lower Bound	-2.82	1.56			0.02			-2.13	
Upper Bound	-1.25	3.98			1.62			-1.20	
Perceived Relationship Bonding									
Estimate	-1.45	-0.62			-1.01			3.24	
Standard Error	0.31	0.23			0.32			0.78	
Wald Chi-Square	21.97	7.36			9.62			17.29	
Significance	$p < 0.01$	$p < 0.01$			$p < 0.05$			$p < 0.01$	
Odds-Ratio	0.23	0.54			0.36			25.53	
95% CI									
Lower Bound	-2.43	-1.94			-3.13			1.72	
Upper Bound	-1.12	-1.15			-1.65			4.77	

Notes:

- Model A: DV = Inaction (IN), Model B: DV = Transactional Avoidance (TA), Model C: DV = Interpersonal Avoidance (IA), Model D: DV = Approach (AP)
- The four models are computed with covariates (see Online Supplement: Appendix B).
- Model B, C, and D are computed based on the entire dataset (N=109). Results are consistent with analyses conducted based on subjects who had performed active responses (N = 72).

Online Supplement: Appendix D

Test for Mediating Effects

	Model 1		Model 2				Model 3			
	PPI	PRB	IN	TA	IA	AP	IN	TA	IA	AP
ID	0.45**	-0.58**	-1.52**	1.58**	1.45*	-2.08**	-0.56 (<i>p</i> = 0.18)	0.71 (<i>p</i> = 0.27)	0.09 (<i>p</i> = 0.91)	-0.66 (<i>p</i> = 0.48)
NC	-1.99**	-0.25**	-1.83**	-1.62**	-1.46*	1.49**	-0.49 (<i>p</i> = 0.51)	-1.24 (<i>p</i> = 0.18)	-0.03 (<i>p</i> = 0.98)	0.13 (<i>p</i> = 0.92)
PPI	-	-	-	-	-	-	-0.77*	2.74**	0.75 (<i>p</i> = 0.10)	-1.06*
PRB	-	-	-	-	-	-	-1.38**	-0.57*	-0.98*	3.18**

Notes:

PPI = perceived privacy invasion; PRB = perceived relationship bonding; IN = inaction; TA = transactional avoidance; IA = interpersonal avoidance; AP = approach.

Model 1: Relationships between the independent variables and mediating variables

Model 2: Relationships between the independent variables and dependent variables

Model 3: Full model

* $p < 0.05$, ** $p < 0.01$