

Running Head: Daily Life Mind-Wandering

SUPPLEMENTAL DATA TABLES FOR:

For Whom The Mind Wanders, And When, Varies Across Laboratory and Daily-Life Settings

Michael J. Kane, Georgina M. Gross, Charlotte A. Chun, Bridget A. Smeekens

University of North Carolina at Greensboro

Matt E. Meier

Western Carolina University

Paul J. Silvia, and Thomas R. Kwapil

University of North Carolina at Greensboro

Please address all correspondence to:

Michael J. Kane

Department of Psychology

University of North Carolina at Greensboro

Greensboro, NC 27402-6170

Email: mjkane@uncg.edu

Supplemental Table S1. Predictions of ESM context/mood reports by level-2 personality constructs (standardized and tested simultaneously).

	b	SE	t	p
<i>Concentrate</i>				
Openness	.02	.05	0.28	>.250
Conscientiousness	.10	.06	1.71	.087
Extraversion	-.06	.06	-1.06	>.250
Agreeableness	.08	.05	1.40	.162
Neuroticism	.01	.06	0.14	>.250
<i>Happy</i>				
Openness	.01	.05	0.29	>.250
Conscientiousness	.09	.05	1.65	.099
Extraversion	.20*	.06	3.49	<.001
Agreeableness	.14*	.05	2.98	.004
Neuroticism	-.21*	.05	-4.01	<.001
<i>Confused</i>				
Openness	-.04	.06	-0.80	>.250
Conscientiousness	-.11	.07	-1.63	.103
Extraversion	.20*	.05	3.83	<.001
Agreeableness	-.10	.06	-1.73	.084
Neuroticism	.31*	.06	5.65	<.001
<i>Irritable</i>				
Openness	-.02	.06	-0.30	>.250
Conscientiousness	-.14	.07	-2.03	.043
Extraversion	.14	.07	1.90	.057
Agreeableness	-.12	.06	-2.11	.035
Neuroticism	.32*	.07	4.73	<.001

Supplemental Table S1. (continued).

	b	SE	t	p
<i>Safe</i>				
Openness	.02	.05	0.41	>.250
Conscientiousness	.05	.06	0.90	>.250
Extraversion	.10	.05	1.77	.077
Agreeableness	.13	.05	2.41	.016
Neuroticism	-.15	.06	-2.65	.008
<i>Anxious</i>				
Openness	.06	.07	0.86	>.250
Conscientiousness	-.10	.08	-1.28	.200
Extraversion	.12	.08	1.61	.107
Agreeableness	-.05	.08	-0.71	>.250
Neuroticism	.44*	.07	5.95	<.001
<i>Tired</i>				
Openness	-.12	.06	-1.94	.053
Conscientiousness	-.10	.07	-1.56	.118
Extraversion	.20	.08	2.62	.009
Agreeableness	.04	.07	0.54	>.250
Neuroticism	.23*	.06	3.61	<.001
<i>Sad</i>				
Openness	-.05	.05	-1.06	>.250
Conscientiousness	-.09	.06	-1.36	.174
Extraversion	.05	.05	1.10	>.250
Agreeableness	-.05	.05	-0.89	>.250
Neuroticism	.34*	.05	6.37	<.001

Supplemental Table S1. (continued).

	b	SE	t	p
<i>Perception Strange</i>				
Openness	-.07	.03	-2.10	.036
Conscientiousness	-.05	.03	-1.54	.122
Extraversion	.08	.03	2.66	.008
Agreeableness	-.11	.04	-2.77	.006
Neuroticism	.06	.03	2.04	.042
<i>Like Activity</i>				
Openness	.09	.04	2.05	.040
Conscientiousness	.04	.05	0.74	>.250
Extraversion	.00	.05	0.03	>.250
Agreeableness	.12	.05	2.53	.011
Neuroticism	-.19*	.06	-3.30	.001
<i>Effortful Activity</i>				
Openness	-.01	.05	-0.26	>.250
Conscientiousness	.07	.06	1.25	.211
Extraversion	.11	.06	1.95	.051
Agreeableness	-.01	.06	-0.26	>.250
Neuroticism	.15	.06	2.43	.015
<i>Boring Activity</i>				
Openness	-.17*	.05	-3.31	.001
Conscientiousness	-.07	.06	-1.25	.211
Extraversion	.10	.06	1.76	.076
Agreeableness	-.08	.05	-1.42	.156
Neuroticism	.18*	.06	2.91	.004

Supplemental Table S1. (continued).

	b	SE	t	p
<i>Successful Activity</i>				
Openness	.07	.05	1.52	.128
Conscientiousness	.16*	.05	3.45	.001
Extraversion	-.01	.05	-0.26	>.250
Agreeableness	.11	.04	2.72	.006
Neuroticism	-.11	.05	-2.23	.025
<i>Not Alone</i>				
Openness	-.04	.05	-0.77	>.250
Conscientiousness	-.03	.06	-0.50	>.250
Extraversion	.13	.06	2.18	.029
Agreeableness	-.09	.06	-1.62	.105
Neuroticism	-.10	.07	-1.57	.117
<i>Stressful Situation</i>				
Openness	-.04	.06	-0.79	>.250
Conscientiousness	.01	.06	0.17	>.250
Extraversion	.14	.06	2.40	.016
Agreeableness	-.05	.06	-0.75	>.250
Neuroticism	.40*	.07	5.67	<.001
<i>Positive Situation</i>				
Openness	.03	.05	0.51	>.250
Conscientiousness	.10	.06	1.83	.068
Extraversion	.08	.06	1.33	.185
Agreeableness	.19*	.05	3.52	<.001
Neuroticism	-.24*	.06	-4.19	<.001

Significant effects ($p < .005$) are marked by an asterisk and bolded text. b = unstandardized coefficients.

Supplemental Table S2. Cross-level interactions for thought quality outcomes predicted by on-task thought versus mind-wandering in the moment, moderated by personality factors (standardized and tested simultaneously).

	b	SE	t	p
<i>Pleasant</i>				
Openness	-.03	.04	-0.60	>.250
Conscientiousness	.02	.04	0.41	>.250
Extraversion	-.00	.04	-0.03	>.250
Agreeableness	.07	.04	1.63	.104
Neuroticism	.05	.04	1.31	.191
<i>Strange</i>				
Openness	-.02	.04	-0.48	>.250
Conscientiousness	-.01	.03	-0.36	>.250
Extraversion	-.02	.04	-0.58	>.250
Agreeableness	.06	.03	2.10	.035
Neuroticism	-.07	.04	-1.67	.094
<i>Clear</i>				
Openness	-.02	.04	-0.48	>.250
Conscientiousness	.02	.04	0.47	>.250
Extraversion	.02	.04	0.56	>.250
Agreeableness	.03	.04	0.82	>.250
Neuroticism	.01	.05	0.21	>.250
<i>Hardly Control</i>				
Openness	-.03	.04	-0.70	>.250
Conscientiousness	.05	.04	1.36	.175
Extraversion	-.04	.04	-1.26	.209
Agreeableness	-.04	.04	-0.99	>.250
Neuroticism	-.05	.04	-1.21	.226

Supplemental Table S2 (continued).

	b	SE	t	p
<i>No Thoughts</i>				
Openness	-.01	.04	-0.24	>.250
Conscientiousness	.03	.04	0.72	>.250
Extraversion	-.00	.04	-0.10	>.250
Agreeableness	-.03	.04	-0.72	>.250
Neuroticism	-.04	.04	-1.04	>.250
<i>Racing</i>				
Openness	.02	.04	0.53	>.250
Conscientiousness	-.02	.04	-0.40	>.250
Extraversion	-.07	.05	-1.45	.147
Agreeableness	-.02	.04	-0.54	>.250
Neuroticism	-.03	.04	-0.74	>.250
<i>Suspicious</i>				
Openness	-.00	.03	-0.13	>.250
Conscientiousness	-.01	.03	-0.21	>.250
Extraversion	-.05	.03	-1.99	.047
Agreeableness	.00	.03	-0.13	>.250
Neuroticism	-.05	.03	-1.60	.109
<i>Controlled</i>				
Openness	.03	.03	1.37	.171
Conscientiousness	-.02	.03	-0.79	>.250
Extraversion	-.06	.03	-2.06	.040
Agreeableness	.02	.04	0.44	>.250
Neuroticism	-.06	.04	-1.64	.100

Note. Significant effects ($p < .005$) are marked by an asterisk and bolded text. b = unstandardized coefficients.

Supplemental Table S3. Cross-level interactions of theoretically relevant level-1 predictors of on-task thought versus mind-wandering with level-2 personality constructs (standardized and tested simultaneously).

	b	SE	t	p
<i>Happy</i>				
Openness	.01	.02	0.38	>.250
Conscientiousness	.01	.02	0.63	>.250
Extraversion	.01	.02	0.42	>.250
Agreeableness	.02	.02	1.34	.181
Neuroticism	.02	.02	0.84	>.250
<i>Irritable</i>				
Openness	-.01	.02	-0.66	>.250
Conscientiousness	-.01	.02	-0.80	>.250
Extraversion	-.02	.02	-1.00	>.250
Agreeableness	-.02	.02	-1.57	.116
Neuroticism	-.01	.02	-0.50	>.250
<i>Anxious</i>				
Openness	.00	.02	0.21	>.250
Conscientiousness	.00	.02	0.15	>.250
Extraversion	-.01	.02	-0.34	>.250
Agreeableness	-.02	.02	-1.18	.237
Neuroticism	-.02	.02	-1.07	>.250
<i>Sad</i>				
Openness	-.00	.02	-0.13	>.250
Conscientiousness	-.01	.02	-0.79	>.250
Extraversion	-.00	.02	-0.13	>.250
Agreeableness	-.02	.02	-1.29	.196
Neuroticism	-.00	.02	-0.20	>.250

Supplemental Table S3. (continued).

	b	SE	t	p
<i>Stressful Situation</i>				
Openness	-.00	.02	-0.00	>.250
Conscientiousness	.00	.02	0.23	>.250
Extraversion	-.00	.02	-0.10	>.250
Agreeableness	-.00	.02	-0.09	>.250
Neuroticism	.01	.02	0.61	>.250

Significant effects ($p < .005$) are marked by an asterisk and bolded text. b = unstandardized coefficients.