

Supplemental Material

The following measures were administered:

Anticipated Duration and Intensity Scale (Sayette et al., 2005)

Aroma Questionnaire (Herz & Cupchik, 1995)

Attention to and Importance of Odors scale (Herz, 2004)

Balanced Inventory of Desirable Responding-6 (Paulhus, 1991)

Behavioral Disengagement in Response to Stress (Carver, Scheier & Weintraub, 1989)

Brief Wisconsin Inventory of Smoking Dependence Motives (Smith et al., 2010)

Contemplation Ladder (Biener & Abrams, 1991)

Experiences in Close Relationships (Feeney & Thrush, 2010)

Mindful Attention Awareness Scale (Brown & Ryan, 2003)

NEO Five-factor Inventory (NEO-FFI) Costa & McCrae, 1992)

Nicotine Dependence Syndrome Scale (Shiffman et al., 2004)

Operation–Word–Span task (Turner & Engle, 1989)

Revised Fagerström Test for Nicotine Dependence (Heatherton et al., 1991)

Schutte Self Report Emotional Intelligence Test (Schutte et al., 1998)

Sentence Completion for Events from the Past Test (Raes et al., 2007)

Smoking Abstinence Questionnaire (Hendricks et al., 2011)

Smoking Choice Task (Sayette et al., 2001)

Smoking Consequences Questionnaire-Brief (SCQ-B) (Sayette et al., 2005)

Smoking History Questionnaire (Sayette et al., 2001)

Smoking-specific Felt Attitudinal Ambivalence Scale (Lipkus et al., 2001)

Sniffin' Sticks Odor Threshold Test (Hummel et al., 2007)

References

- Beiner, L. & Abrams, D.B. (1991). The Contemplation Ladder: Validation of a measure of readiness to consider smoking motivation. *Health Psychology, 10*, 360-365.
- Brown, K.W. & Ryan, R.W. (2003). The Benefits of being present: Mindfulness and its role in psychological well-being. *Journal of Personality and Social Psychology, 84*, 822-848.
- Carver, C. S., Scheier, M. F., & Weintraub, J. K. (1989). Assessing coping strategies: A theoretically based approach. *Journal of Personality and Social Psychology, 56*, 267-283.
- Costa, P. T., Jr., & McCrae, R. R. (1992). *Revised NEO Personality Inventory (NEO-PI-R) and NEO Five-Factor Inventory (NEO-FFI): Professional manual*. Odessa, FL: Psychological Assessment Resources.
- Feeney, B. C., & Thrush, R. L. (2010). Relationship influences on exploration in adulthood: The characteristics and function of a secure base. *Journal of Personality and Social Psychology, 98*, 57-76.
- Heatherton, T.F. & Polivy, J. (1991). Development and validation of a scale for measuring state self-esteem. *Journal of Personality and Social Psychology, 60*, 895-910.
- Hendricks, P.S., Wood, S.B., Baker, M.R., Delucchi, K.L., & Hall, S.M. (2011). The smoking abstinence Questionnaire: Measurement of smokers' abstinence-related expectancies. *Addiction, 106*, 716-728.
- Herz, R. S. (2004). A naturalistic analysis of autobiographical memories triggered by olfactory visual and auditory stimuli. *Chemical Senses, 29*, 217-224.
- Herz, R. S., & Cupchik, G. C. (1995). The emotional distinctiveness of odor-evoked memories. *Chemical Senses, 20*, 517-528.

- Hummel, T., Kobal, G., Gudziol, H., & Mackay-Sim, A. (2007). Normative data for the “Sniffin’ Sticks” including tests of odor identification, odor discrimination, and olfactory thresholds: an upgrade based on a group of more than 3,000 subjects. *European Archives of Otorhinolaryngology*, *264*, 237-243.
- Lipkus, I.M., Green, J.D., Feaganes, J.R., Sedikides, C., (2001). The relationship between attitudinal ambivalence and desire to quit smoking among college smokers. *Journal of Applied Social Psychology*, *31*, 113-133.
- Paulhus, D. L. (1991). Measurement and control of response bias. In J. Robinson, P. Shaver, & L. Wrightsman (Eds.), *Measures of personality and social psychological attitudes*, Vol. 1. (pp. 17-59). San Diego, CA: Academic Press.
- Raes, F., Hermans, D., Williams, J. M., & Eelen, P. (2007). A sentence completion procedure as an alternative to the Autobiographical Memory Test for assessing overgeneral memory in non-clinical populations. *Memory*, *15*, 495-507.
- Sayette, M.A., Loewenstein, G., Kirchner, T.R., & Travis, T. (2005). Effects of smoking urge on temporal cognition. *Psychology of Addictive Behaviors*, *19*, 88-93.
- Sayette, M.A., Martin, C.S., Wertz, J.M, Shiffman, S., & Perrott, M.A. (2001). A Multidimensional analysis of cue-elicited craving in heavy smokers and tobacco chippers. *Addiction*, *96*, 1419-1432.
- Schutte, N.S., Malouff, J.M., Hall, L.E., Haggerty, D.J., Cooper, J.T. Golden, C.J, et al., (1998). Development and validation of a measure of emotional intelligence. *Personality and Individual Differences*, *25*, 167-177.

Shiffman, S., Waters, A.J., & Hickcox, M. (2004). The Nicotine Dependence Syndrome Scale: A multidimensional measure of nicotine dependence. *Nicotine & Tobacco Research*, 6(2), 327-348.

Smith, S.S., Piper, M.E., Bolt, D.M., Fiore, M.C., Wetter, D.W., Cinciripini, P.M, et al. (2010). Development of the Brief Wisconsin Inventory of Smoking Dependence Motives. *Nicotine and Tobacco Research*, 12, 489-499.

Turner, M.L & Engle, R.W. (1989). Is working memory capacity task dependent? *Journal of Memory and Language*, 28, 127-154.