Environment	Age 3	Age 12	References
Dyadic Adjustment Scale, Brief version, Mother Dyadic Adjustment Scale, Brief version, Father	X X	X X	Spanier, G. S. (1976). Measuring dyadic adjustment: New scales for assessing the quality of marriage and similar dyads. <i>Journal of Marriage</i> <i>and the Family</i> , 38 15-28./ Sabourin, S., Valois, P., & Lussier, Y. (2005). Development and Validation of a Brief Version of the Dyadic Adjustment Scale With a Nonparametric Item Analysis Model. <i>Psychological</i> <i>Assessment, 17</i> (1), 15-27.
PAPA life stress, Parent	Х		Costello, E. J., Angold, A., March, J., & Fairbank, J. (1998). Life events and post-traumatic stress: the development of a new measure for children and adolescents. <i>Psychological Medicine, 28</i> (6), 1275-1288.
UCLA Life Events Interview, Child UCLA Life Events Interview, Parent (about Child)		x x	 Hammen, C., Davila, J., Brown, G., Ellicott, A., & Gitlin, M. (1992). Psychiatric history and stress: Predictors of severity of unipolar depression. Journal of Abnormal Psychology, 101, 45-52./ Davila, J., Hammen, C., Burge, D., Paley, B., & Daley, S.E. (1995). Poor interpersonal problem solving as a mechanism of stress generation in depression among adolescent women. Journal of Abnormal Psychology, 104, 592-600./ Hammen, C., Adrian, C., Gordon, D., Burge, D., Jaenicke, C., & Hiroto, D. (1987). Children of depressed mothers: Maternal strain and symptom predictors of dysfunction. Journal of Abnormal Psychology, 96, 190-198.
McMaster Family Assessment Device general functioning subscale, Mother McMaster Family Assessment Device general functioning subscale, Father		x x	Miller, I.W., Epstein, N.B., & Bishop, D.S. (1985). The McMaster Family Assessment Device: Reliability and validity. Journal of Marital and Family Therapy, 11, 345-356./ Family Assesment Device

Perceived Criticism from mother and father, Child Social Functioning		х	Masland, S. R., & Hooley, J. M. (2015). Perceived criticism: A research update for clinical practitioners. Clinical Psychology: Science and Practice, 22(3), 211-222.
Global Assessment of Functioning, Parent and Child	x	х	First, M. B., Gibbon, M., Spitzer, R. L., & Williams, J. B. W. (1996). Structured clinical interview for DSM- IV Axis I disorders: Non-patient edition (SCID-I, Version 2.0)
			Egger, H. L., Ascher, B. H., & Angold, A. (1999). The Preschool Age Psychiatric Assessment: Version 1.1. Durham, NC: Center for Developmental Epidemiology, Department of Psychiatry and Behavioral Sciences, Duke University Medical Center./ Egger, H. L., Erkanli, A., Keeler, G., Potts, E., Walter, B. K., & Angold, A. (2006). Test-retest reliability of the Preschool Age Psychiatric Assessment (PAPA). Journal of
PAPA impairment, Parent	Х		the American Academy of Child & Adolescent Psychiatry, 45, 538-549. Sparrow, S. S., Carter, A. S., & Cicchetti, D. V. (1993). Vineland Screener: Overview, reliability, validity, administration, and scoring. New Haven,
Vineland Screener, Parent	Х		CT: Yale University Child Study Center.
Popularity Measure, Teacher	x		Lemerise, E., & Dodge, K. A. (1988). Teacher simulation of peer sociometric status. Unpublished manuscript. Vanderbilt University. Nashville, TN./ Eisenberg, N., Gershoff, E. T., Fabes, R. A., Shepard, S. A., Cumberland, A. J., Losoya, S. H., Murphy, B. C. (2001). Mother's emotional expressivity and children's behavior problems and social competence: Mediation through children's regulation. Developmental Psychology, 37(4), 475-490.
Firenherg cosial competence Devent	Ŷ		Eisenberg, N., Fabes, R. A., Guthrie, I. K., Murphy, B. C., Maszk, P., Holmgren, R., & Suh, K. (1996). The relations of regulation and emotionality to problem behavior in elementary school children. Development and psychopathology, 8(1), 141-162./ Eisenberg, N., Gershoff, E. T., Fabes, R. A., Shepard, S. A., Cumberland, A. J., Losoya, S. H., Murphy, B. C. (2001). Mother's emotional expressivity and children's behavior problems and social competence: Mediation through
Eisenberg social competence, Parent	Х		children's regulation. Developmental Psychology, 37(4), 475-490.

Eisenberg social competence, Teacher	х	
		Zimet, G. D., Dahlem, N. W., Zimet, S. G., & Farley, G. K. (1988). The
		multidimensional scale of perceived social support. Journal of personality
Multidimensional Social Support, Child	Х	assessment, 52(1), 30-41.
		Furman, W., & Buhrmester, D. (2010). Network of relationships
		questionnaire manual. Unpublished manual./ Furman, W., &
		Buhrmester, D. (1985). Children's perceptions of the personal
Natural Dalationalization states. Child	X	relationships in their social networks. Developmental psychology, 21(6),
Network Relationships Inventory, Child	Х	1016-1024.
		Prinstein, M. J., Boergers, J., & Vernberg, E. M. (2001). Overt and
		relational aggression in adolescents: Social-psychological adjustment of aggressors and victims. Journal of clinical child psychology, 30(4), 479-
Prinstein Peer Evaluation Questionnaire, Child	х	
	X	Vennum, A., & Fincham, F. D. (2011). Assessing decision making in
		young adult romantic relationships. Psychological Assessment, 23(3),
Friendship competence questionnaire, Child	Х	739-751.
		Starr, L. R., & Davila, J. (2009). Clarifying co-rumination: Associations
		Starr, L. R., & Davila, J. (2009). Clarifying co-rumination: Associations with internalizing symptoms and romantic involvement among
		with internalizing symptoms and romantic involvement among adolescent girls. Journal of Adolescence, 32(1), 19–37./ Steinberg, S. J., Davila, J., & Fincham, F. (2006). Adolescent marital expectations and
		with internalizing symptoms and romantic involvement among adolescent girls. Journal of Adolescence, 32(1), 19–37./ Steinberg, S. J., Davila, J., & Fincham, F. (2006). Adolescent marital expectations and romantic experiences: Associations with perceptions about parental
		with internalizing symptoms and romantic involvement among adolescent girls. Journal of Adolescence, 32(1), 19–37./ Steinberg, S. J., Davila, J., & Fincham, F. (2006). Adolescent marital expectations and romantic experiences: Associations with perceptions about parental conflict and adolescent attachment security. Journal of Youth and
Romantic relationship activities, Child	Х	with internalizing symptoms and romantic involvement among adolescent girls. Journal of Adolescence, 32(1), 19–37./ Steinberg, S. J., Davila, J., & Fincham, F. (2006). Adolescent marital expectations and romantic experiences: Associations with perceptions about parental conflict and adolescent attachment security. Journal of Youth and Adolescence, 35(3), 333-348.
Romantic relationship activities, Child	X	with internalizing symptoms and romantic involvement among adolescent girls. Journal of Adolescence, 32(1), 19–37./ Steinberg, S. J., Davila, J., & Fincham, F. (2006). Adolescent marital expectations and romantic experiences: Associations with perceptions about parental conflict and adolescent attachment security. Journal of Youth and Adolescence, 35(3), 333-348. Roberts, R. E., Lewinsohn, P. M., & Seeley, J. R. (1993). A brief measure
		 with internalizing symptoms and romantic involvement among adolescent girls. Journal of Adolescence, 32(1), 19–37./ Steinberg, S. J., Davila, J., & Fincham, F. (2006). Adolescent marital expectations and romantic experiences: Associations with perceptions about parental conflict and adolescent attachment security. Journal of Youth and Adolescence, 35(3), 333-348. Roberts, R. E., Lewinsohn, P. M., & Seeley, J. R. (1993). A brief measure of loneliness suitable for use with adolescents. Psychological Reports,
Romantic relationship activities, Child UCLA loneliness, Child	x x	 with internalizing symptoms and romantic involvement among adolescent girls. Journal of Adolescence, 32(1), 19–37./ Steinberg, S. J., Davila, J., & Fincham, F. (2006). Adolescent marital expectations and romantic experiences: Associations with perceptions about parental conflict and adolescent attachment security. Journal of Youth and Adolescence, 35(3), 333-348. Roberts, R. E., Lewinsohn, P. M., & Seeley, J. R. (1993). A brief measure of loneliness suitable for use with adolescents. Psychological Reports, 72(3_suppl), 1379-1391.
		 with internalizing symptoms and romantic involvement among adolescent girls. Journal of Adolescence, 32(1), 19–37./ Steinberg, S. J., Davila, J., & Fincham, F. (2006). Adolescent marital expectations and romantic experiences: Associations with perceptions about parental conflict and adolescent attachment security. Journal of Youth and Adolescence, 35(3), 333-348. Roberts, R. E., Lewinsohn, P. M., & Seeley, J. R. (1993). A brief measure of loneliness suitable for use with adolescents. Psychological Reports, 72(3_suppl), 1379-1391. Downey, G., Lebolt, A., Rincón, C., & Freitas, A. L. (1998). Rejection
		 with internalizing symptoms and romantic involvement among adolescent girls. Journal of Adolescence, 32(1), 19–37./ Steinberg, S. J., Davila, J., & Fincham, F. (2006). Adolescent marital expectations and romantic experiences: Associations with perceptions about parental conflict and adolescent attachment security. Journal of Youth and Adolescence, 35(3), 333-348. Roberts, R. E., Lewinsohn, P. M., & Seeley, J. R. (1993). A brief measure of loneliness suitable for use with adolescents. Psychological Reports, 72(3_suppl), 1379-1391. Downey, G., Lebolt, A., Rincón, C., & Freitas, A. L. (1998). Rejection sensitivity and children's interpersonal difficulties. Child
		 with internalizing symptoms and romantic involvement among adolescent girls. Journal of Adolescence, 32(1), 19–37./ Steinberg, S. J., Davila, J., & Fincham, F. (2006). Adolescent marital expectations and romantic experiences: Associations with perceptions about parental conflict and adolescent attachment security. Journal of Youth and Adolescence, 35(3), 333-348. Roberts, R. E., Lewinsohn, P. M., & Seeley, J. R. (1993). A brief measure of loneliness suitable for use with adolescents. Psychological Reports, 72(3_suppl), 1379-1391. Downey, G., Lebolt, A., Rincón, C., & Freitas, A. L. (1998). Rejection sensitivity and children's interpersonal difficulties. Child Development, 69(4), 1074-1091./ Araiza, A.M., Freitas, A.L., & Klein,
		 with internalizing symptoms and romantic involvement among adolescent girls. Journal of Adolescence, 32(1), 19–37./ Steinberg, S. J., Davila, J., & Fincham, F. (2006). Adolescent marital expectations and romantic experiences: Associations with perceptions about parental conflict and adolescent attachment security. Journal of Youth and Adolescence, 35(3), 333-348. Roberts, R. E., Lewinsohn, P. M., & Seeley, J. R. (1993). A brief measure of loneliness suitable for use with adolescents. Psychological Reports, 72(3_suppl), 1379-1391. Downey, G., Lebolt, A., Rincón, C., & Freitas, A. L. (1998). Rejection sensitivity and children's interpersonal difficulties. Child Development, 69(4), 1074-1091./ Araiza, A.M., Freitas, A.L., & Klein, D.N. (in press). Temperamental and social- experience predictors of
UCLA loneliness, Child	X	 with internalizing symptoms and romantic involvement among adolescent girls. Journal of Adolescence, 32(1), 19–37./ Steinberg, S. J., Davila, J., & Fincham, F. (2006). Adolescent marital expectations and romantic experiences: Associations with perceptions about parental conflict and adolescent attachment security. Journal of Youth and Adolescence, 35(3), 333-348. Roberts, R. E., Lewinsohn, P. M., & Seeley, J. R. (1993). A brief measure of loneliness suitable for use with adolescents. Psychological Reports, 72(3_suppl), 1379-1391. Downey, G., Lebolt, A., Rincón, C., & Freitas, A. L. (1998). Rejection sensitivity and children's interpersonal difficulties. Child Development, 69(4), 1074-1091./ Araiza, A.M., Freitas, A.L., & Klein, D.N. (in press). Temperamental and social- experience predictors of rejection sensitivity: A prospective study. Social Psychological and
		 with internalizing symptoms and romantic involvement among adolescent girls. Journal of Adolescence, 32(1), 19–37./ Steinberg, S. J., Davila, J., & Fincham, F. (2006). Adolescent marital expectations and romantic experiences: Associations with perceptions about parental conflict and adolescent attachment security. Journal of Youth and Adolescence, 35(3), 333-348. Roberts, R. E., Lewinsohn, P. M., & Seeley, J. R. (1993). A brief measure of loneliness suitable for use with adolescents. Psychological Reports, 72(3_suppl), 1379-1391. Downey, G., Lebolt, A., Rincón, C., & Freitas, A. L. (1998). Rejection sensitivity and children's interpersonal difficulties. Child Development, 69(4), 1074-1091./ Araiza, A.M., Freitas, A.L., & Klein, D.N. (in press). Temperamental and social- experience predictors of

Gehring, W. J., Goss, B., Coles, M. G., Meyer, D. E., & Donchin, E. (1993).
A neural system for error detection and compensation. Psychological
Science, 4(6), 385-390./ Hajcak, G. (2012). What we've learned from
mistakes: Insights from error-related brain activity. Current Directions in
Psychological Science, 21(2), 101-106. /Meyer, A., Hajcak, G., Glenn,
C.R., Kujawa, A.J., & Klein, D.N. (2017). Error-related brain activity is
related to aversive potentiation of the startle response in children.
Emotion, 17, 487-496./ Meyer, A., Hajcak, G., Torpey-Newman, D.,
Kujawa, A., Olino, T.M., Dyson, M., & Klein, D.N. (2018). Early
temperamental fearfulness and the developmental trajectory of errorrelated brain activity. Developmental Psychobiology, 60, 224-231.

Х

Х

Cuthbert, B.N., Schupp, H.T., Bradley, M.M., Birbaumer, N., & Lang, P.J. (2000). Brain potentials in affective picture processing: Covariation with autonomic arousal and affective report. Biological Psychology, 52, 95–111./ Kujawa, A., Hajcak, G., Danzig, A.P., Black, S.R., Bromet, E.J., Carlson, G.A., Kotov, R., & Klein. D. N. (2016). Neural reactivity to emotional stimuli prospectively predicts the impact of a natural disaster on psychiatric symptoms in children. Biological Psychiatry, 80, 381–389. /Pegg, S.L., Dickey, L.I., Mumper, E., Kessel, E., Klein, D.N., & Kujawa, A. (in press). Stability and change in emotional processing across development: A 6-year longitudinal investigation using event-related potentials. Psychophysiology.

ERN (flanker)

LPP (IAPS pictures- emotion interrupt)

Holroyd, C.B., & Coles, M.G.H. (2002). The neural basis of human error processing: Reinforcement learning, dopamine, and the error-related negativity. Psychological Review, 109, 679–709./ Proudfit GH (2015): The reward positivity: From basic research on reward to a biomarker for depression. Psychophysiology, 52, 449–459. /Kujawa, A.J., Proudfit, G.H., & Klein, D.N. (2014). Neural reactivity to reward in offspring of mothers and fathers with histories of depressive and anxiety disorders. Journal of Abnormal Psychology, 123, 287-297./ Kujawa, A., Carroll, A., Mukherjeea, D., Mumper, E., Kessel, E., Olino, T., Hajcak, G., & Klein, D.N. (2018). A longitudinal examination of event-related potentials sensitive to monetary reward and loss feedback from late childhood to middle adolescence. International Journal of Psychophysiology, 132, 323-330./ Kujawa, A., Hajcak, G., & Klein, D.N. (2019). Reduced reward responsiveness moderates the effect of maternal depression on depressive symptoms in offspring: Evidence across levels of analysis. Journal of Child Psychology and Psychiatry, 60, 82-90.

Kujawa, A.J., Arfer, K.G., Klein, D.N., & Proudfit, G.H. (2014). Island Getaway: A novel measure of electrocortical reactivity to social feedback in youth. Developmental Cognitive Neuroscience, 10, 140-147./ Kujawa, J., Kessel, E., Carroll, A., Arfer, K., & Klein, D.N. (2017). Social processing in early adolescence: Associations between neurophysiological, self-report, and behavioral measures. Biological

Х

Х

Х

Psychology, 128, 55-62. Van Beest, I., & Williams, K.D. (2006). When inclusion costs and ostracism pays, ostracism still hurts. Journal of Personality and Social Psychology, 91, 918–928./ Kujawa, A.J., Arfer, K.G., Klein, D.N., & Proudfit, G.H. (2014). Island Getaway: A novel measure of electrocortical reactivity to social feedback in youth. Developmental Cognitive Neuroscience, 10, 140-147

FN/RewP (doors)

Island Getaway

Island Getaway Questionnaire

Parent Psychopathology

SCID and, at age 3, selected SCID-II disorders, Mother SCID and, at age 3, selected SCID-II disorders, Father Family history RDC interview, Mother	x x x		 First, M. B., Gibbon, M., Spitzer, R. L., & Williams, J. B. W. (1996). Structured clinical interview for DSM- IV Axis I disorders: Non-patient edition (SCID-I, Version 2.0)/ Williams, J.B.W., et al. (1992). The Structured Clinical Interview for DSM-III-R (SCID): II. Multisite test-retest reliability. Archives of General Psychiatry, 49, 630-636./ Andreasen, N. C., Endicott, J., Spitzer, R. L., & Winokur, G. (1977). The family history method using diagnostic criteria. Archives of General Psychiatry, 43, 1229-1235.
Family history RDC interview , Father	х		
MINI (MDE and Dysthymia), One parent		Х	
DID; Diagnostic Inventory for Depression, Mother DID; Diagnostic Inventory for Depression, Father	X X	x x	Zimmerman, M., Sheeran, T., & Young, D. (2004). The Diagnostic Inventory for Depression: a self-report scale to diagnose DSM-IV major depressive disorder. Journal of Clinical Psychology, 60(1), 87-110.
Social Interaction Anxiety, Mother Social Interaction Anxiety, Father	x x		Mattick, R. P., & Clarke, J. C. (1998). Development and validation of measures of social phobia scrutiny fear and social interaction anxiety. <i>Behavior Research and Therapy, 36</i> , 455–470.
Beck Anxiety Inventory, Mother Beck Anxiety Inventory, Father		x x	Beck, A. T., Epstein, N., Brown, G., & Steer, R. A. (1988). An inventory for measuring clinical anxiety: Psychometric properties. Journal of Consulting and Clinical Psychology, 56(6), 893-897.
Penn State Worry Questionnaire, Mother Penn State Worry Questionnaire, Father		x x	Meyer, T. J., Miller, M. L., Metzger, R. L., & Borkovec, T. D. (1990). Development and validation of the penn state worry questionnaire. Behaviour research and therapy, 28(6), 487-495.
Brief Fear of Negative Evaluation Scale, Mother Brief Fear of Negative Evaluation Scale, Father		x x	Leary, M. R. (1983). A brief version of the Fear of Negative Evaluation Scale. Personality and Social Psychology Bulletin, 9(3), 371-375.
. .			

Parenting Teaching Tasks (observed parenting)	х	Egeland, B., Weinfield, N., Hiester, M., Lawrence, C., Pierce, S., &
Preschool Parenting Measure, Mother	x	Sessa, F. M., Avenevoli, S., Steinberg, L., & Morris, A. S. (2001). Correspondence among informants on parenting: Preschool children, mothers, and observers. Journal of Family Psychology, 15(1), 53-68.
Preschool Parenting Meausre, Father	Х	
Parenting Styles and Dimensions Questionnaire, Child Parenting Styles and Dimensions Questionnaire, Mother Parenting Styles and Dimensions Questionnaire, Father	X X X	Robinson, C. C., Mandleco, B., Olsen, S. F., & Hart, C. H. (1995). Authoritative, authoritarian, and permissive parenting practices: Development of a new measure. Psychological Reports, 77, 819-839./ Robinson, C. C., Mandleco, B. Olsen, S. F., & Hart, C. H. (2001). The Parenting Styles and Dimensions Questionnaire (PSDQ). In B.F. Perlmutter, J. Touliatos, & G.W. Holden (Eds.) Handbook of Family Measurement Techniques: Vol. 3. Instruments & Index (pp.319-321)./ Olivari, M. G., Tagliabue, S., & Confalonieri, E. (2013). Parenting Style and Dimensions Questionnaire: A review of reliability and validity. Marriage & Family Review, 49(6), 465-490.
CRPBI, Mother CRPBI, Father		 Schludermann, E., & Schludermann, S. (1970). Replicability of factors in children's report of parent behavior (CRPBI). The Journal of Psychology, 76(2), 239-249./ Margolies, P. J., & Weintraub, S. (1977). The revised 56-item CRPBI as a research instrument: Reliability and factor structure. Journal of Clinical Psychology, 33(2), 472-476. /Schwarz, J. C., Barton-Henry, M. L., & Pruzinsky, T. (1985). Assessing child-rearing behaviors: A comparison of ratings made by mother, father, child, and sibling on the CRPBI. Child development, 462-479.