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Self-reported psychopathic traits and socio-emotional function in 9-12 year old children from the community

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Reference List

- Achenbach, T. M. (1991). *Manual for the Child Behavior Checklist/4-18 and 1991 Profile*. Burlington, VT: University of Vermont Department of Psychiatry.
- Achenbach, T. M., Becker, A., Dopfner, M., Heiervang, E., Roessner, V., Steinhausen, H. C., et al. (2008). Multicultural assessment of child and adolescent psychopathology with ASEBA and SDQ instruments: research findings, applications, and future directions. *Journal of Child Psychology and Psychiatry*, 49(3), 251–275.
- Achenbach, T.M., McConaughy, S.H., & Howell, C.T. (1987). Child/adolescent behavioral and emotional problems: Implications of cross-informant correlations for situational specificity. *Psychological Bulletin*, 101, 213–232
- Aiken, L. S., & West, S. G. (1991). *Multiple Regression: Testing and Interpreting Interactions*. Newbury Park: Sage.
- American Psychiatric Association (2000): Diagnostic and Statistical Manual of Mental Disorders: DSM-IV..Washington, American Psychiatric Association.
- Andershed, H., Hodgins, S., & Tengstrom, A. (2007). Convergent validity of the Youth Psychopathic Traits Inventory (YPI): association with the Psychopathy Checklist: Youth Version (PCL:YV). *Assessment*, 14(2), 144–154.
- Andershed, H., Kerr, M., & Stattin, H. (2002). Understanding the abnormal by studying the normal. *Acta Psychiatry Scandinavia Supplement* (412), 75–80.
- Andershed, H., Kerr, M., Stattin, H., & Levander, S. (2002). Psychopathic traits in non-referred youths: initial test of a new assessment tool. In Blaauw, E. S.. (Ed.), *Psychopaths: Current international perspectives* (pp. 131–158) The Hague: Elsevier.
- Andershed, H., Kohler, D., Louden, J. E., & Hinrichs, G. (2008). Does the three-factor model of psychopathy identify a problematic subgroup of young offenders? *International Journal of Law and Psychiatry*, 31(3), 189–198.
- Anderson, C. A., & Bushman, B. J. (1997). External validity of ‘trivial’ experiments: The case of laboratory aggression. *Review of General Psychology*, 1, 19–41.
- APA. (1980). *Diagnostic and Statistical Manual of Mental Disorders (DSM-III)*, Washington: American Psychiatric Association
- Barry, C. T., Frick, P. J., & Killian, A. L. (2003). The relation of narcissism and self-esteem to conduct problems in children: a preliminary investigation. *Journal of Clinical Child and Adolescent Psychology*, 32(1), 139–152.
- Barry, T. D., Barry, C. T., Deming, A. M., & Lochman, J. E. (2008). Stability of psychopathic characteristics in childhood – The influence of social relationships. *Criminal Justice and Behavior*, 35(2), 244–262.
- Benning, S. D., Patrick, C. J., Blonigen, D. M., Hicks, B. M., & Iacono, W. G. (2005). Estimating facets of psychopathy from normal personality traits: a step toward community epidemiological investigations. *Assessment*, 12(1), 3–18.
- Bentler, P. M. (1995). *EQS Structural Equations Program Manual*. Encino, CA: Multivariate Software Inc.

- Bettencourt, B. A., Talley, A. E., Benjamin, A. J., & Valentine, J. (2006). Personality and aggressive behavior under neutral and provoking conditions: A meta-analytic review. *Psychological Bulletin, 132*(5), 751–777.
- Blair, R. J. R. (1995). A cognitive developmental approach to morality: investigating the psychopath. *Cognition, 57*, 1.
- Blair, R. J. R. (1997). Moral reasoning in the child with psychopathic tendencies. *Personality and Individual Differences, 22*(5), 731–739.
- Blair, R. J. R. (1999). Responsiveness to distress cues in the child with psychopathic tendencies. *Personality and Individual Differences, 27*, 135.
- Blair, R. J. R. (2005). Responding to the emotions of others: dissociating forms of empathy through the study of typical and psychiatric populations. *Conscious Cognition, 14*(4), 698–718.
- Blair, R. J. R., Budhani, S., Colledge, E., & Scott, S. (2005). Deafness to fear in boys with psychopathic tendencies. *Journal of Child Psychology and Psychiatry, 46*(3), 327–336.
- Blair, R. J. R., Colledge, E., Murray, L., & Mitchell, D. G. V. (2001). A Selective Impairment in the Processing of Sad and Fearful Expressions in Children with Psychopathic Tendencies. *Journal of Abnormal Child Psychology, 29*(6), 491–498.
- Blair, R. J. R., Morris, J. S., Frith, C. D., Perrett, D. I., & Dolan, R. J. (1999). Dissociable neural responses to facial expressions of sadness and anger. *Brain, 122* (5), 883–893.
- Blair, R. J. R., Peschardt, K. S., Budhani, S., Mitchell, D. G., & Pine, D. S. (2006). The development of psychopathy. *Journal of Child Psychology and Psychiatry, 47*(3–4), 262–276.
- Blonigen, D. M., Hicks, B. M., Krueger, R. F., Patrick, C. J., & Iacono, W. G. (2006). Continuity and Change in Psychopathic Traits as Measured Via Normal-Range Personality: A Longitudinal-Biometric Study. *Journal of Abnormal Psychology, 115*(1), 85–95.
- Boivin, M., & Begin, G. (1989). Peer status and self-perception among early elementary school children: the case of the rejected children. *Child Development, 60*(3), 591–596.
- Bouvier, J. (1856), *A Law Dictionary* (6th ed.). Philadelphia: Childs & Peterson
- Braid, S. A. (2001). The Links Between Primary and Secondary Psychopathy and Social Adaptation. *Colgate University Journal of the Sciences, 34*.
- Bryant, B. (1982). An Index of Empathy for Children and Adolescents. *Child Development, 53*, 413–425.
- Burke, J. D., Loeber, R., & Lahey, B. B. (2007). Adolescent conduct disorder and interpersonal callousness as predictors of psychopathy in young adults. *Journal of Clinical Child and Adolescent Psychology, 36*(3), 334–346.
- Byrne, B. M. (2006). *Structural equation modelling with EQS: basic concepts, applications and programming*. (2nd ed.) Mahwah, NJ: Lawrence Erlbaum.
- Campbell, M. A., Porter, S., & Santor, D. (2004). Psychopathic traits in adolescent offenders: an evaluation of criminal history, clinical, and psychosocial correlates. *Behavioral Science and the Law, 22*, 23.
- Caputo, A. A., Frick, P. J., & Brodsky, S. L. (1999). Family violence and juvenile sex offending: Potential mediating roles of psychopathic traits and negative attitudes toward women. *Criminal Justice and Behavior, 26*, 338–356.

- Carlo, G., & Randall, B. A. (2002). The development and validation of a multidimensional measure of prosocial behavior. *Journal of Youth and Adolescence*, 31, 31–44.
- Carlson, M., Marcus-Newhall, A., & Miller, N. (1989). Evidence for a general construct of aggression. *Personality and Social Psychology Bulletin*, 15, 377–389.
- Caselman, T. (2007). *Teaching Children Empathy, The Social Emotion: Lessons, Activities and Reproducible Worksheets That Teach How to Step Into Others' Shoes*. Chapin, South Carolina: Youth-Light, Inc.
- Christian, R. E., Frick, P. J., Hill, N. L., & Tyler, L. (1997). Psychopathy and conduct problems in children: II. Implications for subtyping children with conduct problems. *Journal of the American Academy of Child and Adolescent Psychiatry*, 36, 233.
- Cicchetti, D., & Richters, J. E. (1997). Examining the conceptual and scientific underpinnings of research in developmental psychopathology. *Development and Psychopathology*, 9(2), 189–191.
- Cillessen, A. H., & Mayeux, L. (2004). From censure to reinforcement: developmental changes in the association between aggression and social status. *Child Development*, 75(1), 147–163.
- Clark, L. A., & Watson, D. (1995). Constructing validity: Basic issues in objective scale development. *Psychological Assessment*, 7, 309–319.
- Cleckley, H. (1941). *The Mask of Sanity* (5 ed.). St. Louis: Mosby.
- Cohen, D., & Strayer, J. (1996). Empathy in conduct disordered and comparison youth. *Developmental Psychology* (32), 988–998.
- Connor, D. F. (2004). *Aggression And Antisocial Behavior In Children And Adolescents: Research And Treatment*. New York: Guilford Press.
- Cook, R. D. & Weisberg, S. (1982). *Residuals and influence in regression*. New York: Chapman & Hall.
- Cooke, D. J., & Michie, C. (2001). Refining the construct of psychopathy: towards a hierarchical model. *Psychological Assessment*, 13(2), 171–188.
- Cooke, D. J., Michie, C., Hart, S. D., & Clark, D. A. (2004). Reconstructing psychopathy: clarifying the significance of antisocial and socially deviant behavior in the diagnosis of psychopathic personality disorder. *Journal of Personality Disorders*, 18(4), 337–357.
- Cornell, D. G., Warren, J., Hawk, G., Stafford, E., Oram, G., & Pine, D. (1996). Psychopathy in instrumental and reactive violent offenders. *Journal of Consulting and Clinical Psychology*, 64(4), 783–790.
- Crick, N. R., & Dodge, K. A. (1994). A review and reformulation of social information-processing mechanisms in children's social adjustment. *Psychological Bulletin*, 115, 74–101.
- Crick, N. R., & Dodge, K. A. (1996). Social information-processing mechanisms in reactive and proactive aggression. *Child Development*, 67(3), 993–1002.
- Dadds, M. R., Fraser, J., Frost, A., & Hawes, D. J. (2005). Disentangling the Underlying Dimensions of Psychopathy and Conduct Problems in Childhood: A Community Study. *Journal of Consulting and Clinical Psychology*, 73(3), 400–410.
- Dadds, M. R., Perry, Y., Hawes, D. J., Merz, S., Riddell, A. C., Haines, D. J., et al. (2006). Attention to the eyes and fear-recognition deficits in child psychopathy. *British Journal of Psychiatry*, 189, 280–281.

- Das, J., de Ruiter, C., Lodewijks, H., & Doreleijers, T. (2007). Predictive validity of the Dutch PCL:YV for institutional disruptive behavior: findings from two samples of male adolescents in a juvenile justice treatment institution. *Behavioral Science and the Law*, 25(5), 739–755.
- Davis, M. H. (1980). *A multidimensional approach to individual differences in empathy*. Unpublished manuscript.
- De Wied, M., Goudena, P. P., & Matthys, W. (2005). Empathy in boys with disruptive behavior disorders. *Journal of Child Psychology and Psychiatry*, 46(8), 867–880.
- Dodge, K. A., & Coie, J. D. (1987). Social-information-processing factors in reactive and proactive aggression in children's peer groups. *Journal of Personality and Social Psychology*, 53, 1146–1158.
- Dolan, M. C., & Rennie, C. E. (2006). Psychopathy Checklist: Youth Version and Youth Psychopathic trait Inventory: A comparison study. *Personality and Individual Differences*, 41, 779–789.
- Dolan, M. C., & Rennie, C. E. (2007). The relationship between psychopathic traits measured by the Youth Psychopathic trait Inventory and psychopathology in a UK sample of conduct disordered boys. *Journal of Adolescence*, 30, 601–611.
- Douglas, K. S., Vincent, G., & Edens, J. F. (2006). Risk for criminal recidivism: the role of psychopathy. In C. J. Patrick (Ed.), *The handbook of Psychopathy*. New York: The Guilford Press.
- Dunn, G., Everitt, B. S., & Pickles, A. (1993). *Modelling co-variances and Latent variables using EQS*. London: Chapman Hall.
- Edens, J. F. (2004). Effect of response distortion on the assessment of divergent facets of psychopathy. *Assessment*, 11(1), 109–112.
- Edens, J. F., Marcus, D. K., Lilienfeld, S. O., & Poythress, N. G. (2006). Psychopathic, Not Psychopath: Taxometric Evidence for the Dimensional Structure of Psychopathy. *Journal of Abnormal Psychology*, 115(1), 131–144.
- Edens, J. F., Poythress, N. G., & Watkins, M. M. (2001). Further validation of the psychopathic personality inventory among offenders: personality and behavioral correlates. *Journal of Personality Disorders*, 15(5), 403–415.
- Edens, J. F., Skopp, N. A., & Cahill, M. A. (2008). Psychopathic features moderate the relationship between harsh and inconsistent parental discipline and adolescent antisocial behavior. *Journal of Clinical Child and Adolescent Psychology*, 37(2), 472–476.
- Eisenberg, N. (2000). Emotion, regulation, and moral development. *Annual Review Psychology*, 51, 665–697.
- Eisenberg, N., & Miller, P. A. (1987). The relation of empathy to prosocial and related behaviors. *Psychology Bulletin*, 101(1), 91–119.
- Erasmus Medical Centre. (2000). Problem Behavior at School Interview. Rotterdam: Department of Child and Adolescent Psychiatry.
- Erdley, C. A., & Asher, S. R. (1996). Children's social goals and self-efficacy perceptions as influences on their responses to ambiguous provocation. *Child Development*, 67(4), 1329–1344.
- Essau, C. A., Sasagawa, S., & Frick, P. J. (2006). Callous-unemotional traits in a community sample of adolescents. *Assessment*, 13(4), 454–469.

- Falkenbach, D. M., Poythress, N. G., & Heide, K. M. (2003). Psychopathic features in a juvenile diversion population: reliability and predictive validity of two self-report measures. *Behavioral Science and the Law*, 21(6), 787–805.
- Farrington, D. P. (1994). Human development and criminal careers. In R. M. e. R. R. M. Maguire (Ed.), *The Oxford handbook of criminology*. Oxford: Oxford University Press.
- Farrington, D. P. (2005). The importance of child and adolescent psychopathy. *Journal of Abnormal Child Psychology*, 33(4), 489–497.
- Ferguson, T. J., Stegge, H., Eyre, H. L., Vollmer, R., & Ashbaker, M. (2000). Context effects and the (mal)adaptive nature of guilt and shame in children. *Genetic, Social, and General Psychological Monographs*, 126(3), 319–345.
- Fite, P. J., Greening, L., Stoppelbein, L., & Fabiano, G. A. (2009). Confirmatory Factor Analysis of the Antisocial Process Screening Device With a Clinical Inpatient Population. *Assessment*, 16(1), 103–114.
- Flight, J. I., & Forth, A. E. (2007). Instrumentally Violent Youths: The roles of psychopathic traits, empathy and attachment. *Criminal Justice and Behavior*, 34, 739–751.
- Forsman, M., Lichtenstein, P., Andershed, H., & Larsson, H. (2008). Genetic Factors Explains the Stability of Psychopathic Personality from Adolescence to Adulthood. *Journal of Abnormal Psychology*, 107 (3), 606–617
- Forth, A. E., Kosson, D. S., & Hare, R. D. (2003). *The Psychopathy Checklist: Youth Version*. Toronto: Multi-Health Systems.
- Frick, P. J. (2002). Juvenile Psychopathy from a Developmental Perspective: Implications for Construct Development and Use in Forensic Assessments. *Law and Human Behavior*, 26(2), 247–253.
- Frick, P. J., & Dickens, C. (2006). Current perspectives on conduct disorder. *Current Psychiatry Report*, 8(1), 59–72.
- Frick, P. J., & Hare, R. D. (2001). The Antisocial Process Screening Device. *Toronto: Multi-Health Systems*.
- Frick, P. J., & Marsee, M. A. (2006). Psychopathy and developmental pathways to antisocial behavior in youth. In C. J. Patrick (Ed.), *The Handbook of Psychopathy*. New York: The Guilford Press.
- Frick, P. J., & White, S. F. (2008). Research review: the importance of callous-unemotional traits for developmental models of aggressive and antisocial behavior. *The Journal of Child Psychology and Psychiatry*, 49(4), 359–375.
- Frick, P. J., Bodin, S. D., & Barry, C. T. (2000). Psychopathic traits and conduct problems in community and clinic-referred samples of children: further development of the psychopathy screening device. *Psychological Assessment*, 12(4), 382–393.
- Frick, P. J., Cornell, A. H., Barry, C. T., Bodin, S. D., & Dane, H. E. (2003). Callous-unemotional traits and conduct problems in the prediction of conduct problem severity, aggression, and self-report of delinquency. *Journal of Abnormal Child Psychology*, 31(4), 457–470.
- Frick, P. J., Kimonis, E. R., Dandreaux, D. M., & Farell, J. M. (2003). The 4 year stability of psychopathic traits in non-referred youth. *Behavioral Science and the Law*, 21(6), 713–736.

- Frick, P. J., Lilienfeld, S. O., Ellis, M. L., Loney, L., & Silverthorn, P. (1999). The Association between Anxiety and Psychopathy Dimensions in Children. *Journal of Abnormal Child Psychology*, 27(5), 383–392.
- Frick, P. J., O'Brien, B. S., Wootton, J. M., & McBurnett, K. (1994). Psychopathy and conduct problems in children. *Journal of Abnormal Psychology*, 103(4), 700–707.
- Frick, P. J., Stickle, T. R., Dandreaux, D. M., Farrell, J. M., & Kimonis, E. R. (2005). Callous-unemotional traits in predicting the severity and stability of conduct problems and delinquency. *Journal of Abnormal Child Psychology*, 33(4), 471–487.
- Giancola, P.R. & Zeichner, A. (1995). Construct validity of a competitive reaction-time aggression paradigm. *Aggressive Behavior*, 21, 199–204.
- Goodman, R. (1997). The Strengths and Difficulties Questionnaire: a research note. *The Journal of Child Psychology and Psychiatry* (38), 581–586.
- Goodman, R. (2001). Psychometric properties of the Strengths and Difficulties Questionnaire. *Journal of the American Academy of Child and Adolescent Psychiatry*, 40, 1337–1345.
- Greenberg, M. T., Kusche, C., & Mihalic, S. F. (1998). *Blueprints for violence prevention: Promoting alternative thinking strategies*. Boulder: Center for the Study and Prevention of Violence. University of Colorado, Institute of Behavioral Science.
- Griffin, R. S., & Gross, A. M. (2004). Childhood bullying: Current empirical findings and future directions for research. *Aggression and Violent Behavior*, 9(4), 379–400.
- Grizenko, N., Zappitelli, M., Langevin, J. P., Hrychko, S., el-Messidi, A., Kaminer, D., et al. (2000). Effectiveness of a social skills training program using self/other perspective-taking: a nine-month follow-up. *American Journal of Orthopsychiatry*, 70(4), 501–509.
- Guay, J. P., Ruscio, J., Hare, R. D., & Knight, R. A. (2007). A taxometric analysis of the latent structure of psychopathy: Evidence for dimensionality. *Journal of Abnormal Psychology*, 116, (2007): 701–716
- Hall, J. R., Benning, S. D., & Patrick, C. J. (2004). Criterion-related validity of the three factor model of psychopathy: personality, behavior, and adaptive functioning. *Assessment*, 11(1), 4–16.
- Hare, R. D. (1980). A research scale for the assessment of psychopathy in criminal populations. *Personality and Individual Differences*, 1, 111–120.
- Hare, R. D. (1991). *The Hare Psychopathy Checklist-Revised: Manual*. North Tonawanda, NY: Multi-Health Systems, Inc.
- Hare, R. D. (2003). *The Psychopathy Checklist-Revised, 2nd Edition*. Toronto: Multi-Health Systems.
- Harris, G. T. & Rice, M.E. (2006). Treatment of Psychopathy: A Review of the Empirical Findings. In: C. J. Patrick (Ed.), *Handbook of Psychopathy* (pp. 555–572). New York: Guilford Press.
- Hart, S. D., Michie, C., & Cooke, D. J. (2007). Precision of actuarial risk assessment instruments: evaluating the 'margins of error' of group versus individual predictions of violence. *British Journal of Psychiatry Supplement*, 49, s60–65.
- Harter, S. (1990). Causes, correlates and the functional role of global self-worth: A life-span perspective. In J. Kolligan en R. Sternberg (Eds.), *Perceptions of competence and incompetence across the life-span*, 67–98. New Haven, CT: Yale University Press.

- Hawes, D. J., & Dadds, M. R. (2005). The treatment of conduct problems in children with callous-unemotional traits. *Journal of Consulting and Clinical Psychology*, 73(4), 737–741.
- Hawes, D. J., & Dadds, M. R. (2007). Stability and malleability of callous-unemotional traits during treatment for childhood conduct problems. *Journal of Clinical Child and Adolescent Psychology*, 35(3), 347–355.
- Hemphill, J. F., Hare, R. D., & Wong, S. (1998). Psychopathy and recidivism: a review. *Legal Criminological Psychology*, 3, 139.
- Hoffman, M. L. (1975). Developmental synthesis of affect and cognition and its implications for altruistic motivation. *Developmental Psychology*, 2, 607–622.
- Hoffman, M. L. (2000). *Empathy and moral development: Implications for caring and justice*. New York: Cambridge University Press.
- Hogan, R. (1969). Development of an empathy scale. *Journal of Consulting and Clinical Psychology*, 33, 307–316.
- Hoglund, W., Lalonde, C. E., & Leadbeater, B. (2008). Social-cognitive Competence, Peer Rejection and Neglect, and Behavioral and Emotional Problems in Middle Childhood. *Social Development*, 17, 528–553.
- Hu, L. and Bentler, P.M. (1999) Cutoff criteria for fit indexes in covariance structure analysis: Conventional criteria versus new alternatives. *Structural Equation Modeling* 6, 1–55
- Hughes, J. N., Cavell, T. A., & Grossman, P. B. (1997). A positive view of self: risk or protection for aggressive children? *Development and Psychopathology*, 9(1), 75–94.
- Hunter, K. R. (2004). *Affective Empathy in Children: Measurement and Correlates*. Griffith University, Brisbane, Australia.
- Ishikawa, S. S., Raine, A., Lencz, T., Bahrle, S., & Lacasse, L. (2001). Autonomic stress reactivity and executive functions in successful and unsuccessful criminal psychopaths from the community. *Journal of Abnormal Psychology*, 110(3), 423–432.
- Izard, C.E., Fine, S.E., Mostow, A.J., Trentacosta, C.J., & Campbell, J. (2002). Emotion processes in normal and abnormal development and preventative intervention. *Development and Psychopathology*, 14, 761–787.
- Johansson, P., Kerr, M., & Andershed, H. (2005). Linking adult psychopathy with childhood hyperactivity-impulsivity-attention problems and conduct problems through retrospective self-reports. *Journal of Personality Disorders*, 19(1), 94–101.
- Johnstone, L., & Cooke, D. J. (2004). Psychopathic-like traits in childhood: conceptual and measurement concerns. *Behavioral Science and the Law*, 22(1), 103–125.
- Jurkovic, G., & Prentice, N. (1977). Relation of moral and cognitive development to dimensions of juvenile delinquency. *Journal of Abnormal Psychology*, 86, 414–420.
- Kamphaus, R. W., & Frick, P. J. (1996). *Clinical assessment of child and adolescent personality and behavior*. Boston, MA: Allyn and Bacon.
- Kansi, J. (2003). The narcissistic personality inventory: applicability in a Swedish population sample. *Scandinavian Journal of Psychology*, 44(5), 441–448.

- Karpman, B. (1948). The myth of the psychopathic personality. *American Journal of Psychiatry, 104*(9), 523–534.
- Kiehl, K. A. (2006). A cognitive neuroscience perspective on psychopathy: evidence for paralimbic system dysfunction. *Psychiatry Research, 142*(2–3), 107–128.
- Kimonis, E. R., Frick, P. J., Fazekas, H., & Loney, B. R. (2006). Psychopathy, aggression, and the processing of emotional stimuli in non-referred girls and boys. *Behavioral Science and the Law, 24*(1), 21–37.
- Kimonis, E. R., Frick, P. J., Fazekas, H., & Loney, B. R. (2006). Psychopathy, aggression, and the processing of emotional stimuli in non-referred girls and boys. *Behavioral Science and the Law, 24*(1), 21–37.
- Kimonis, E. R., Frick, P. J., Munoz, L. C., & Aucoin, K. J. (2007). Can a laboratory measure of emotional processing enhance the statistical prediction of aggression and delinquency in detained adolescents with callous-unemotional traits? *Journal of Abnormal Child Psychology, 35*(5), 773–785.
- Kochanska, G. (1997). Multiple pathways to conscience for children with different temperaments: from toddlerhood to age 5. *Developmental Psychology, 33*(2), 228–240.
- Kochanska, G., & Aksan, N. (2006). Children's conscience and self-regulation. *Journal of Personality, 74*(6), 1587–1617.
- Konijn, E. A., Nije Bijvank, M., & Bushman, B. J. (2007). I wish I were a warrior: The role of wishful identification in effects of violent video games on aggression in adolescent boys. *Developmental Psychology, 43*, 1038–1044.
- Kosson, D. S., Smith, S. S., & Newman, J. P. (1990). Evaluating the construct validity of psychopathy in black and white male inmates: three preliminary studies. *Journal of Abnormal Psychology, 99*(3), 250–259.
- Kotler, J. S., & McMahon, R. J. (2005). Child psychopathy: theories, measurement, and relations with the development and persistence of conduct problems. *Clinical Child and Family Psychology Review, 8*(4), 291–325.
- Kruh, I. P., Frick, P. J., & Clements, C. B. (2005). Historical and personality correlates to the violence patterns of juveniles tried as adults. *Criminal Justice and Behavior, 32*, 69–96.
- Larsson, H., Andershed, H., & Lichtenstein, P. (2006). A Genetic Factor Explains Most of the Variation in the Psychopathic Personality. *Journal of Abnormal Psychology, 115*(2), 221–230.
- Larsson, H., Tuvblad, C., Rijsdijk, F. V., Andershed, H., Grann, M., & Lichtenstein, P. (2007). A common genetic factor explains the association between psychopathic personality and antisocial behavior. *Psychological Medicine, 37*(1), 15–26.
- Levenson, M. R., Kiehl, K. A., & Fitzpatrick, C. M. (1995). Assessing psychopathic attributes in a noninstitutionalized population. *Journal of Personality and Social Psychology, 68*(1), 151–158.
- Lilienfeld, S. O. (1994). Conceptual problems in the assessment of psychopathy. *Clinical Psychology Review, 14*, 17–38.
- Lilienfeld, S. O., & Andrews, B. P. (1996). Development and preliminary validation of a self-report measure of psychopathic personality traits in noncriminal populations. *Journal of Personality Assessment, 66*(3), 488–524.

- Lilienfeld, S. O., Hess, T., & Rowland, C. (1996). Psychopathic personality traits and temporal perspective: A test of the short time horizon hypothesis. *Journal of Psychopathology and Behavioral Assessment*, 18(3), 285–303.
- Lochman, J. E., & Lampron, L. B. (1986). Situational social problem-solving skills and self-esteem of aggressive and nonaggressive boys. *Journal of Abnormal Child Psychology*, 14(4), 605–617.
- Lochman, J. E., & Wayland, K. K. (1994). Aggression, social acceptance, and race as predictors of negative adolescent outcomes. *Journal of the American Academy of Child Adolescent Psychiatry*, 33(7), 1026–1035.
- Lochman, J. E., & Wells, K. C. (2002). The Coping Power program at the middle-school transition: universal and indicated prevention effects. *Psychology and Addictive Behaviors*, 16(4), 40–54.
- Lochman, J. E., Wayland, K. K., & White, K. J. (1993). Social goals: relationship to adolescent adjustment and to social problem solving. *Journal of Abnormal Child Psychology*, 21(2), 135–151.
- Locke, K. D. (2000). Circumplex scales of interpersonal values: reliability, validity, and applicability to interpersonal problems and personality disorders. *Journal of Personality Assessment*, 75(2), 249–267.
- Loeber, R. (1982). The stability of antisocial and delinquent child behavior: a review. *Child Development*, 53(6), 1431–1446.
- Loeber, R., & Farrington, D. P. (2000). Young children who commit crime: epidemiology, developmental origins, risk factors, early interventions, and policy implications. *Development and Psychopathology*, 12(4), 737–762.
- Loehlin, J. C. (2004). *Latent variable models: An introduction to factor, path, and structural equation analysis* (4th ed.). Mahwah, NJ, US: Lawrence Erlbaum Associates Publishers.
- Lynam, D. R. (1996). Early identification of chronic offenders: who is the fledgling psychopath? *Psychological Bulletin*, 120(2), 209–234.
- Lynam, D. R. (1997). Pursuing the psychopath: capturing the fledgling psychopath in a nomological net. *Journal of Abnormal Psychology*, 106(3), 425–438.
- Lynam, D. R., & Gudonis, L. (2005). The development of psychopathy. *Annual Review of Clinical Psychology*, 1(1), 381–407.
- Lynam, D. R., Caspi, A., Moffitt, T. E., Loeber, R., & Stouthamer-Loeber, M. (2005). Adolescent psychopathy and the big five: results from two samples. *Journal of Abnormal Child Psychology*, 33(4), 431–443.
- Marsee, M. A., Silverthorn, P., & Frick, P. J. (2005). The association of psychopathic traits with aggression and delinquency in non-referred boys and girls. *Behavioral Science and the Law*, 23(6), 803–817.
- Marsh, H.W., Craven, R., en Debus, R. (1991.) Self-concepts of children 5 to 8 years of age: Measurement and multidimensional structure. *Journal of Educational Psychology*, 81, 57–69.
- McCord, W., & McCord, J. (1959/1964). *The psychopath: An essay on the criminal mind..* Princeton, NJ: Van Nostrand Company.
- McHoskey, J. W., Worzel, W., & Szyarto, C. (1998). Machiavellianism and psychopathy. *Journal of Personality and Social Psychology*, 74(1), 192–210.

- Meloy, J. R. (2006). Empirical basis and forensic application of affective and predatory violence. *Australian and New Zealand Journal of Psychiatry*, 40, 539–547.
- Meyer, G., Finn, S., Eyde, L., Kay, G., Moreland, K., Dies, R., Eisman, E., Kubiszyn, T., & Reed, G. (2001). Psychological testing and psychological assessment, *American Psychologist*, 56(2), 128–165.
- Miller, P. A., & Eisenberg, N. (1988). The relation of empathy to aggressive and externalizing/antisocial behavior. *Psychological Bulletin*, 103(3), 324–344.
- Moffitt, T. E. (1993). Adolescence-limited and life-course persistent antisocial behavior: a developmental taxonomy. *Psychological Review*, 100, 674.
- Moffitt, T. E. (1996). Measuring children's antisocial behaviors. *JAMA*, 275(5), 403–404.
- Muñoz, L. C., & Frick, P. J. (2007). The reliability, stability, and predictive utility of the self-report version of the Antisocial Process Screening Device. *Scandinavian Journal of Psychology*, 48(4), 299–312.
- Muris, P., Meesters, C., Eijkelenboom, A., & Vincken, M. (2004). The self-report version of the Strengths and Difficulties Questionnaire: its psychometric properties in 8- to 13-year-old non-clinical children. *British Journal of Clinical Psychology*, 43(4), 437–448.
- Murphy, D. A., Pelham, W. E., & Lang, A. R. (1992). Aggression in boys with attention deficit-hyperactivity disorder: Methylphenidate effects on naturally observed aggression, response to provocation, and social information processing. *Journal of Abnormal Child Psychology*, 20(5), 451–466.
- Murrie, D. C., Marcus, D. K., Douglas, K. S., Lee, Z., Salekin, R. T., & Vincent, G. (2007). Youth with psychopathy features are not a discrete class: a taxometric analysis. *Journal of Child Psychology and Psychiatry*, 48(7), 714–723.
- Neumann, C. S., & Hare, R. D. (2008). Psychopathic Traits in a Large Community Sample: Links to Violence, Alcohol Use, and Intelligence. *Journal of Consulting and Clinical Psychology*, 76(5), 893–899.
- Newcomb, A. F., Bukowski, W. M., & Pattee, L. (1993). Children's peer relations: a meta-analytic review of popular, rejected, neglected, controversial, and average sociometric status. *Psychological Bulletin*, 113(1), 99–128.
- Nicholls, J.G. (1990). What is ability and why are we mindful of it? A development perspective. In R.J. Sternberg en J. Kolligian, Jr. (Eds.). *Competence considered*, 11–40. New Haven, CT: Yale University Press.
- Nunnally, J., & Bernstein, I. (1994). *Psychometric theory* (3rd ed.). New York: McGraw-Hill.
- Obradovic, J., Pardini, D. A., Long, J. D., & Loeber, R. (2007). Measuring interpersonal callousness in boys from childhood to adolescence: an examination of longitudinal invariance and temporal stability. *Journal of Clinical Child and Adolescent Psychology*, 36(3), 276–292.
- Ojanen, T., Gronroos, M., & Salmivalli, C. (2005). An interpersonal circumplex model of children's social goals: links with peer-reported behavior and sociometric status. *Developmental Psychology*, 41(5), 699–710.

- Oosterlaan, J., Scheres, A., Antrop, I., Roeyers, H., & Sergeant, J.A. (2000). Vragenlijst voor Gedrag-sproblemen bij Kinderen: Handleiding [User's manual for the Disruptive Behavior Disorder Rating Scale]. Lisse, The Netherlands: Swets Test Publishers.
- Oxford, M., Cavell, T. A., & Hughes, J. N. (2003). Callous/unemotional traits moderate the relation between ineffective parenting and child externalizing problems: a partial replication and extension. *Journal of Clinical Child and Adolescent Psychology, 32*(4), 577–585.
- Pardini, D. A., & Loeber, R. (2008). Interpersonal Callousness Trajectories Across Adolescence: Early Social Influences and Adult Outcomes. *Criminal Justice and Behavior, 35*(2), 173–196.
- Pardini, D. A., Barry, T. D., Barth, J. M., Lochman, J. E., & Wells, K. C. (2006). Self-perceived Social Acceptance and Peer Social Standing in Children with Aggressive–Disruptive Behavior. *Social Development, 15*(1), 46–64.
- Pardini, D. A., Lochman, J. E., & Frick, P. J. (2003). Callous/unemotional traits and social-cognitive processes in adjudicated youths. *Journal of the American Academy of Child and Adolescent Psychiatry, 42*(3), 364–371.
- Parker, J. G., & Asher, S. R. (1987). Peer relations and later personal adjustment: are low-accepted children at risk? *Psychological Bulletin, 102*(3), 357–389.
- Parker, J. G., & Gottman, J. (1989). Social and emotional development in a relational context: Friendship interaction from early childhood to adolescence. In T. J. Bernt & G. W. Ladd (Eds.), *Peer relationships in child development* (pp. 95–132). New York: Wiley.
- Pelham, W. E., Jr., Gnagy, E. M., Greenslade, K. E., & Milich, R. (1992). Teacher ratings of DSM-III-R symptoms for the disruptive behavior disorders. *Journal of the American Academy of Child and Adolescent Psychiatry, 31*(2), 210–218.
- Piatigorsky, A., & Hinshaw, S. P. (2004). Psychopathic traits in boys with and without attention-deficit/hyperactivity disorder: concurrent and longitudinal correlates. *Journal of Abnormal Child Psychology, 32*(5), 535–550.
- Porter, S., & Woodworth, M. (2006). Psychopathy and aggression. In C. J. Patrick (Ed.), *The Handbook of Psychopathy* (pp. 481–494). New York: Guilford.
- Porter, S., Birt, A. R., & Boer, D. P. (2001). Investigation of the Criminal and Conditional Release Profiles of Canadian Federal Offenders as a Function of Psychopathy and Age. *Law and Human Behavior, 25*(6), 647–661.
- Poythress, N. G., Dembo, R., Wareham, J., & Greenbaum, P. (2006a). Construct validity of the Youth Psychopathic traits Inventory (YPI) and the Antisocial Process Screening Device (APSD) with justice involved adolescents. *Criminal Justice and Behavior, 33*(1), 26–55.
- Poythress, N. G., Douglas, K. S., Falkenbach, D., Cruise, K., Lee, Z., Murrie, D. C., et al. (2006b). Internal consistency reliability of the self-report antisocial process screening device. *Assessment, 13*(1), 107–113.
- Puckett, M. B., Aikins, J. W., & Cillessen, A. H. N. (2008). Moderators of the association between relational aggression and perceived popularity. *Aggressive Behavior, 34*(6), 563–576.
- Raine, A., Dodge, K., Loeber, R., Gatzke-Kopp, L. M., Lynam, D., Reynolds, C., Stouthamer-Loeber, M., & Liu, J. (2006). The Reactive-Proactive Aggression (RPQ) Questionnaire: Differential correlates of reactive and proactive aggression in adolescent boys. *Aggressive Behavior, 32*, 159–171.

- Ray, J. V., Poythress, N. G., Weir, J. M., & Rickelman, A. (2009). Relationships between psychopathy and impulsivity in the domain of self-reported personality features. *Personality and Individual Differences*, 46(2), 83–87.
- Reidy, D. E., Zeichner, A., Miller, J. D., & Martinez, M. A. (2007). Psychopathy and aggression: Examining the role of psychopathy factors in predicting laboratory aggression under hostile and instrumental conditions. *Journal of Research in Personality*, 41(6), 1244–1251.
- Renshaw, P., & Asher, S. (1983) Children's goals and strategies for social interaction. *Merrill-Palmer Quarterly*, 29(3), 353–374.
- Rutter, M. (2005). Commentary: What is the Meaning and Utility of the Psychopathy Concept? *Journal of Abnormal Child Psychology*, 33(4), 499–503.
- Salekin, R. T., Leistico, A. M., Neumann, C. S., DiCicco, T. M., & Duros, R. L. (2004). Psychopathy and comorbidity in a young offender sample: taking a closer look at psychopathy's potential importance over disruptive behavior disorders. *Journal of Abnormal Psychology*, 113(3), 416–427.
- Salekin, R. T., Trobst, K. K., & Krioukova, M. (2001). Construct validity of psychopathy in a community sample: a nomological net approach. *Journal of Personality Disorders*, 15(5), 425–441.
- Salmivalli, C., Ojanen, T., Haanpaa, J., & Peets, K. (2005). "I'm OK but you're not" and other peer-relational schemas: explaining individual differences in children's social goals. *Developmental Psychology*, 41(2), 363–375.
- Sandoval, A. M., Hancock, D., Poythress, N., Edens, J. F., & Lilienfeld, S. O. (2000). Construct validity of the Psychopathic Personality Inventory in a correctional sample. *Journal of Personality Assessment*, 74(2), 262–281.
- Seagrave, D., & Grisso, T. (2002). Adolescent Development and the Measurement of Juvenile Psychopathy. *Law and Human Behavior*, 26(2), 219–239.
- Serin, R. C., & Amos, N. L. (1995). The role of psychopathy in the assessment of dangerousness. *International Journal of Law and Psychiatry*, 18(2), 231–238.
- Sharp, C. (2008). Theory of Mind and conduct problems in children: Deficits in reading the "emotions of the eyes". *Cognition & Emotion*, 22(6), 1149–1158.
- Sharp, C., van Goozen, S., & Goodyer, I. (2006). Children's subjective emotional reactivity to affective pictures: gender differences and their antisocial correlates in an unselected sample of 7–11-year-olds. *Journal of Clinical Child and Adolescent Psychology*, 47(2), 143–150.
- Sijtsema, J. J., Veenstra, R., Lindenberg, S., & Salmivalli, C. (2009). Empirical test of bullies' status goals: assessing direct goals, aggression, and prestige. *Aggressive Behavior*, 35(1), 57–67.
- Skeem, J. L., & Cauffman, E. (2003). Views of the downward extension: comparing the Youth Version of the Psychopathy Checklist with the Youth Psychopathic traits Inventory. *Behavioral Science and the Law*, 21(6), 737–770.
- Skeem, J. L., Mulvey, E. P., & Grisso, T. (2003). Applicability of traditional and revised models of psychopathy to the Psychopathy Checklist: screening version. *Psychological Assessment*, 15(1), 41–55.
- Statline CBS, Centraal Bureau voor de Statistiek (CBS; 2005)
- Stevens, D., Charman, T., & Blair, R. J. (2001). Recognition of emotion in facial expressions and vocal tones in children with psychopathic tendencies. *Journal of Genetic Psychology*, 162(2), 201–211.

- Stevens, J.P. (1992). *Applied Multivariate Statistics for the Social Sciences* (2nd edition).
- Strayer, J. (1993). Children's concordant emotions and cognitions in response to observed emotions. *Child Development*, 64(1), 188–201.
- Strayer, J., & Roberts, W. (2004). Empathy and Observed Anger and Aggression in Five-year Olds. *Social Development*, 13, 1–13.
- Taylor, S. (1967). Aggressive behavior and physiological arousal as a function of provocation and the tendency to inhibit aggression. *Journal of Personality*, 35, 297–310.
- Thomaes, S., Bushman, B. J., Stegge, H., & Olthof, T. (2008). *Trumping Shame by Blasts of Noise: Narcissism, Self-Esteem, Shame, and Aggression in Early Adolescence*. Child Development, 79(6), 1792–1801
- Thomaes, S., Stegge, H., Olthof, T., Bushman, B. J., & Denissen, J. (2008). Development and validation of the Childhood Narcissism Scale. *Journal of Personality Assessment*, 90, 382–391.
- Tremblay, R. (1998). De ontwikkeling en preventie van fysieke agressie. In W. K. W. Slot (Ed.), *Van lastig tot misdadig* Houten: Bohn Stafleu Van Loghum.
- Ullrich, S., Farrington, D. P., & Coid, J. W. (2007). Dimensions of DSM-IV personality disorders and life-success. *Journal of Personality Disorders*, 21(6), 657–663.
- Underwood, M. K., Shockner, A. E., & Hurley, J. C. (2001). Children's responses to same- and other-gender peers: An experimental investigation with 8-, 10- and 12- year-olds. *Developmental Psychology*, 37, 362–372.
- Van Baardewijk, Y., Andershed, H., Stegge, H., Nilsson, K. W., Scholte, E., & Vermeiren, R. (2010). Development and tests of short versions of the Youth Psychopathic traits Inventory and the Youth Psychopathic traits Inventory-Child Version. *The European Journal of Psychological Assessment*.
- Van Baardewijk, Y., Stegge, H., Andershed, H., Thomaes, S., Scholte, E., & Vermeiren, R. (2008). Measuring psychopathic traits in children through self-report. The development of the Youth Psychopathic traits Inventory – Child Version. *The International Journal of Law and Psychiatry*, 31 (3), 199–209.
- Van Baardewijk, Y., Stegge, H., Bushman, B. J., & Vermeiren, R. (2009). Psychopathic traits, aggression and victim distress in children. *Journal of Child Psychology and Psychiatry* 50 (6), 718–725
- Van Baardewijk, Y., Vermeiren, R., Stegge, H., & Doreleijers, T. (submitted). Self-reported psychopathic traits in children: their stability and concurrent and prospective association with conduct problems and aggression.
- Vasey, M. W., Kotov, R., Frick, P. J., & Loney, B. R. (2005). The Latent Structure of Psychopathy in Youth: A Taxometric Investigation. *Journal of Abnormal Child Psychology*, 33(4), 411–429.
- Vaughn, M.G., & Howard, M. O. (2005). Self-report measures of juvenile psychopathy: A comparative review. *Journal of Emotional and Behavioral Disorders*, 11, 152–162.
- Vincent, G. M., Vitacco, M. J., Grisso, T., & Corrado, R. R. (2003). Subtypes of adolescent offenders: affective traits and antisocial behavior patterns. *Behavioral Science and the Law*, 21(6), 695–712.
- Vitacco, M. J., Neumann, C. S., Caldwell, M. F., Leistico, A. M., & Van Rybroek, G. J. (2006). Testing factor models of the Psychopathy Checklist: Youth Version and their association with instrumental aggression. *Journal of Personality Assessment*, 87(1), 74–83.

- Vitacco, M. J., Rogers, R., & Neumann, C. S. (2003). The antisocial process screening device: an examination of its construct and criterion-related validity. *Assessment, 10*(2), 143–150.
- Wareham, J., Dembo, R., Poythress, N. G., Childs, K., & Schmeidler, J. (2009). A Latent Class Factor Approach to Identifying Subtypes of Juvenile Diversion Youths Based on Psychopathic Features. *Behavioral Sciences & the Law, 27*(1), 71–95.
- Waschbusch, D. A., & Willoughby, M. T. (2008). Attention-deficit/hyperactivity disorder and callous-unemotional traits as moderators of conduct problems when examining impairment and aggression in elementary school children. *Aggressive Behavior, 34*(2), 139–153.
- Waschbusch, D. A., Carrey, N., Willoughby, M. T., King, S., & Andrade, B. F. (2007) Effects of methylphenidate and behavior modification on the social and academic behavior of children with disruptive behavior disorders: The moderating role of callous/unemotional traits. *Journal of Clinical Child and Adolescent Psychology, 36*(4), 629–644.
- Waschbusch, D. A., Pelham, W. E., Jennings, J. R., Greiner, A. R., Tarter, R. E., & Moss, H. B. (2002). Reactive aggression in boys with disruptive behavior disorders: Behavior, physiology, and affect. *Journal of Abnormal Child Psychology, 30*(6), 641–656.
- Waschbusch, D. A., Walsh, T. M., Andrade, B. F., King, S., & Carrey, N. J. (2007). Social problem solving, conduct problems, and callous-unemotional traits in children. *Child Psychiatry & Human Development, 37*(4), 293–305.
- Weiss, B., Harris, V., & Catron, T. (2002). Development and initial validation of the peer-report measure of internalizing and externalizing behavior. *Journal of Abnormal Child Psychology, 30*(3), 285–294.
- Woodworth, M., & Porter, S. (2002). In cold blood: characteristics of criminal homicides as a function of psychopathy. *Journal of Abnormal Psychology, 111*(3), 436–445.
- Wootton, J. M., Frick, P. J., Shelton, K. K., & Silverthorn, P. (1997). Ineffective parenting and childhood conduct problems: the moderating role of callous-unemotional traits. *Journal of Consulting and Clinical Psychology, 65*(2), 301–308.
- Zahn-Waxler, C., & Radke-Yarrow, M. (1990). The origins of empathic concern. *Motivation and Emotion, 14*(2), 107–131.
- Zahn-Waxler, C., Radke-Yarrow, M., Wagner, E., & Chapman, M. (1992). Development of concern for others. *Developmental Psychology, 28*, 126–136.
- Zeman, J., & Garber, J. (1996). Display rules for anger, sadness, and pain: it depends on who is watching. *Child Development, 67*(3), 957–973.
- Zeman, J., & Shipman, K. (1997). Social-contextual influences on expectancies for managing anger and sadness: the transition from middle childhood to adolescence. *Developmental Psychology, 33*(6), 917–924.