

CURRICULUM VITAE

Katerina Maniadaki

Psychologist

52 Karatasou str.
Thrakomakedones
136 76 Athens, Greece



C U R R E N T S T A T U S

Technological Educational Institution of Athens, Department of Social Work

- Assistant Professor of Psychology

Psychological Center of Developmental and Learning Disabilities “ARSI”

- Psychologist, Director
-

E D U C A T I O N

University of Athens, Department of Psychology 1990-1994

- Diploma of Philosophy, Education and Psychology (equiv:B.A.)

University Louis Pasteur (Strasbourg II), 1994-1995

Department of Sciendes of Behaviour

- Maitrise de Psychologie du Developpement (equiv:B.A.)

University Paris VIII, Department of Genetics 1995-1996

- D.E.S.S. de Psychologie de l'Enfant et de l'Adolescent (equiv:M.Sc.)

University of Southampton, Department of Psychology 1999-2002

- PhD in Developmental Psychology and Psychopathology

Title: Social perceptions about Attention Deficit /Hyperactivity Disorder and other Disruptive Behaviour Disorders - The effect of the child's sex-

Supervisor: Professor E.J.S. Sonuga-Barke

P R O F E S S I O N A L E X P E R I E N C E

Psychological Center of Developmental and Learning Disabilities “ARSI”

Address: Mistriou 8, Athens 11255 1997-to date

Tel.: 210-2282544

Website: www.arsi.gr

Job title: Psychologist

Position: Director (since 2008)

Duties:

- Psychological assessment, diagnosis and treatment of children with developmental disabilities, mainly Attention Deficit / Hyperactivity Disorders and Learning Disabilities

- Administration of psychometric and other psychological tests
- Counselling of parents and teachers
- Supervision
- Training

First Kindergarten of N. Ionia, Athens

2000-2004

Address: A. Konstantinou, 3, N. Ionia 14231

Tel.: 210-2758719

Job title: Psychologist

Position: Scientific collaborator

Duties:

- Identification and assessment of children with developmental disabilities
- Counselling of parents and teachers
- Organisation of educational seminars

M A J O R R E S E A R C H I N T E R E S T S

The areas of my research interests are in Developmental Psychopathology, with a particular interest in ADHD, domain with which I am best acquainted through my clinical experience. My theoretical framework is based mainly on the Behavioural-Cognitive and Developmental-Systems Perspective.

T E A C H I N G E X P E R I E N C E

Technological Educational Institution of Athens, Department of Social Work

Address: 274 Thivon str., Egaleo 12241, Athens, Greece

Tel.: +30-210-5385671

Scientific Collaborator

2002-2007

Assistant Professor of Psychology

2007-to date

- Lectures on developmental psychology and psychopathology
- Supervision of dissertations
- Administrative work

**S E L E C T E D I N T E R N A T I O N A L
P U B L I C A T I O N S**

1. Papaeliou, C., **Maniadaki, K.**, & Kakouros, E. (in print). Association between story recall and other language abilities in school children with ADHD. *Journal of Attention Disorders*, published online 26 July 2012, DOI: 10.1177/1087054712446812
2. **Maniadaki, K.** & Kakouros, E. (2011). Attention problems and learning disabilities in young offenders in detention in Greece. *Psychology*, 2 (1), 53-59.

3. **Maniadaki, K.** & Kakouros, E. (2008). Social profiles and mental health problems of young offenders in detention in Greece. *Criminal Behaviour and Mental Health*, 18 (4), 207-215.
4. **Maniadaki, K.**, Sonuga-Barke, E., Kakouros, E., & Karaba, R. (2007). Parental beliefs about the nature of AD/HD behaviours and their relationship to referral intentions in preschool children. *Child: Care, Health and Development*, 33 (2), 188-195.
5. **Maniadaki, K.**, Sonuga-Barke, E., Kakouros, E., & Karaba, R. (2006). AD/HD symptoms and conduct problems: Similarities and differences in maternal perceptions. *Journal of Child and Family Studies*, 15 (4), 460-474.
6. **Maniadaki, K.**, Sonuga-Barke, E., & Kakouros, E. (2006). Adults's self-efficacy beliefs and referral attitudes for boys and girls with AD/HD. *European Child and Adolescent Psychiatry*, 15 (3), 132-140.
7. **Maniadaki, K.**, Sonuga-Barke, E., & Kakouros, E. (2005). Parents' causal attributions about Attention Deficit / Hyperactivity Disorder: the effect of child and parent sex. *Child: Care, Health and Development*, 31 (3), 331-340.
8. **Maniadaki, K.**, Sonuga-Barke, E., Kakouros, E., & Karaba, R. (2005). Maternal emotions and self-efficacy beliefs in relation to boys and girls with AD/HD. *Child Psychiatry and Human Development*, 35 (3), 245-263.
9. Kakouros, E., **Maniadaki, K.**, & Karaba, R. (2005). The relationship between Attention Deficit / Hyperactivity Disorder and aggressive behaviour in preschool boys and girls. *Early Child Development and Care*, 175 (3), 203-214.
10. Kakouros, E., **Maniadaki, K.**, & Papaeliou, Ch. (2004). How Greek teachers perceive school functioning of pupils with ADHD. *Emotional and Behavioural Difficulties*, 9 (1), 41-53.
11. **Maniadaki, K.**, Sonuga-Barke, E., & Kakouros, E. (2003). Trainee nursery teachers' perceptions of disruptive behaviour disorders; the effect of sex of child on judgements of typicality and severity. *Child: Care, Health and Development*, 29, 6, 433-440.

B O O K S

1. **Maniadaki, K.**, & Kakouros, E. (Eds.) (2012). *ADHD: Theoretical approaches and treatment*. Athens: Gutenberg. [in Greek]
2. **Maniadaki, K.**, Kakouros, E., & Karaba, R. (2010). *Psychopathology in juvenile delinquents*. New York: Nova Publishers.
3. Kakouros, E., & **Maniadaki, K.** (2006). *Stuttering. Its nature and treatment in children and adolescents*. Athens: Tipothito. [in Greek]
4. Kakouros, E., & **Maniadaki, K.** (2002). *Psychopathology in children and adolescents*. Athens: Tipothito. [in Greek]
5. Kakouros, E., & **Maniadaki, K.** (2000). *Attention Deficit Hyperactivity Disorder*. Athens: Ellinika Grammata. [in Greek]

C H A P T E R S I N B O O K S

1. **Maniadaki, K.**, & Kakouros, E. (in press). Psychopathology of juvenile delinquents. In H.H. Kourkoutas & Th. Thanos (Eds), *Delinquent, violent and antisocial behaviours in childhood and adolescence*. Athens: Topos. [in Greek]

2. **Maniadaki, K.** (in press). Current data for juvenile delinquency in Greece. In H.H. Kourkoutas & Th. Thanos (Eds), *Delinquent, violent and antisocial behaviours in childhood and adolescence*. Athens: Topos. [in Greek]
3. **Maniadaki, K.**, Kakouros, E., & Karaba, R. (2009). Juvenile delinquency and mental health. In. A. Kakanowski & M. Narusevich (Eds), *Handbook of Social Justice* (pp.1-44), New York: Nova Publishers.
4. **Maniadaki, K.**, Kakouros, E. (2008). Gender differences in developmental psychopathology. The case of Attention Deficit Hyperactivity Disorder. In. I. Kourkoutas & J.P. Chartier (Eds.) *Children and adolescents with psychosocial and learning disorders* (pp. 267-286). Athens: Topos. [in Greek]
5. **Maniadaki, K.** (2001). The nature and characteristics of Attention Deficit Hyperactivity Disorder. In. E. Kakouros (Ed.) *The hyperactive child and its difficulties in learning and behaviour* (pp. 15-46). Athens: Ellinika Grammata. [in Greek]
6. **Maniadaki, K.** (2001). The effect of ADHD on learning and behaviour. In. E. Kakouros (Ed.) *The hyperactive child and its difficulties in learning and behaviour* (pp. 47-74). Athens: Ellinika Grammata. [in Greek]

I N T E R N A T I O N A L P R E S E N T A T I O N S

1. **Maniadaki, K.**, Papaeliou, C., & Kakouros, E. (2012, May). Story comprehension in school children with ADHD. Poster presentation at the Eunethydis 2nd International ADHD Conference.
2. Kakouros, E., & **Maniadaki, K.** (2012, May). The role of preschool educators in early identification of Attention / Deficit Hyperactivity Disorder. Poster presentation at the Eunethydis 2nd International ADHD Conference.
3. Kakouros, E., **Maniadaki, K.**, & Toptoglou, Ou. (2011, May). *Early identification of ADHD and learning difficulties at primary school*. Poster presentation at the 6th European Congress on Psychopathology in Childhood and Adolescence, Bologna, Italy. *Book of Abstracts*, p. 514.
4. **Maniadaki, K.**, & Kakouros, E. (2011, May). *Treatment of speech problems in children with ADHD as a preventive measure of learning difficulties*. Oral presentation at the 6th European Congress on Psychopathology in Childhood and Adolescence, Bologna, Italy. *Book of Abstracts*, p. 44.
5. **Maniadaki, K.**, Toptoglou, Ou., Ioannidis, K., Panopoulou, P.E., Tzouma, N. (2010, December). *Preschool educators' attitudes regarding inclusion of children with developmental disabilities in general kindergartens and nursery schools*. Poster presentation at the 3rd International Conference: Children and Youth in Changing Societies, Thessaloniki, Greece.
6. **Maniadaki, K.**, Karaba, R., Grigorea, Ch., Dalapa, P., & Tsiliakou, N. (2010, October). *The need of cognitive-behavioural therapy for victims of bullying*. Oral presentation at the 40th Annual Congress of the European Association for Behavioural & Cognitive Therapies, Milan, Italy.
7. Papaeliou, C., **Maniadaki, K.**, Kakourou, N., Dalapa, P., & Kourou, M.G. (2010, August). *Aspects of pragmatic skills in children with ADHD*. Oral presentation at the 28th International Congress of the International Association of Logopedists and Phoniatrics, Athens, Greece, *Book of Abstracts*, p. 91.
8. **Maniadaki, K.**, & Kakouros, E., (2010, July). *Bullying behaviours among schoolchildren in Greece*. Oral presentation at the 3rd International Congress on Interpersonal Acceptance and Rejection, Padova, Italy, *Book of Abstracts*, p. 44.
9. Kakouros, E., & **Maniadaki, K.** (2010, July). *The relationship between bullying behaviours among preschoolers and early signs of Attention Deficit / Hyperactivity Disorder*. Poster presentation at the 3rd International Congress on Interpersonal Acceptance and Rejection, Padova, Italy, *Book of Abstracts*, p. 66.

10. **Maniadaki, K.**, Kakouros, E., Christodoulea, S., & Roidou, F. (2010, May). *Psychosocial profiles and self-perception of juveniles in detention in Greece*. Poster presentation at the 12th Biennial Conference of the European Association for Research on Adolescence, Vilnius, Lithuania.
11. **Maniadaki, K.**, & Kakouros, E., (2009, July). Parental perceptions regarding Attention Deficit / Hyperactivity Disorder and professional help-seeking. Oral presentation at the 11th European Congress of Psychology, Oslo, Norway, *CD of Abstracts*, p. 23.
12. Kakouros, E., **Maniadaki, K.**, Karaba, R., & Toptoglou, R. (2009, July). Teasing behaviours at preschool age: Does it matter? Poster presentation at the 11th European Congress of Psychology, Oslo, Norway, *CD of Abstracts*, p. 211.
13. **Maniadaki, K.**, & Kakouros, E., (2008, July). Investigation of learning disabilities in a sample of male juvenile offenders in Greece. Poster presentation at the 30th International School Psychology Association (ISPA) Conference, Utrecht, The Netherlands, *Book of Abstracts*, p. 30.
14. Kakouros, E., & **Maniadaki, K.** (2008, July). Treating a child with Attention Deficit / Hyperactivity Disorder in the classroom. Oral presentation at the 30th International School Psychology Association (ISPA) Conference, Utrecht, The Netherlands, *Book of Abstracts*, p. 118.
15. **Maniadaki, K.**, Kakourou, N., & Marouga, G. (2007, September). The contribution of untreated learning disabilities to the development of juvenile delinquency. Poster presentation at the 1st European Conference on Social, Emotional and Behaviour Competences and Difficulties in Children and Young Persons, Malta, *Book of Abstracts*, p. 49
16. Kakouros, E., & **Maniadaki, K.** (2007, September). Signs of psychopathology among juvenile offenders in Greek prisons for minors. Oral presentation at the 1st European Conference on Social, Emotional and Behaviour Competences and Difficulties in Children and Young Persons, Malta, *Book of Abstracts*, p. 54.
17. Zournatzis, E., Karaba, R., Kakouros, E., & **Maniadaki, K.** (2007, July). Parental causal attributions and self-efficacy beliefs regarding the behaviour of children with Attention Deficit / Hyperactivity Disorder. Oral presentation at the 5th World Congress of Behavioural and Cognitive Therapies, Barcelona, Spain, *Book of Abstracts*, Vol. 3.
18. **Maniadaki, K.**, Kakourou, N., Toptoglou, O., Gotsopoulou, A., & Martimianaki, K. (2007, May). The use of the Pre-School Behaviour Checklist as a screening instrument for problematic behaviours in preschoolers. Poster presentation at the 9th European Conference on Psychological Assessment, Thessaloniki, Greece, *Book of Abstracts*, p. 68.
19. Kakouros, E., & **Maniadaki, K.** (2007, May). Proposal of a new theoretical model for the pathogenesis and the treatment of stuttering. Oral presentation at the 8th World Congress for People Who Stutter, Dubrovnik, Croatia, *Book of Abstracts*, p. 21.
20. Kakourou, N., Papaeliou, Ch., **Maniadaki, K.**, & Dalapa, P. (2007, May). Parents' and teachers' beliefs about the causes of stuttering. Poster presentation at the 8th World Congress for People Who Stutter, Dubrovnik, Croatia, *Book of Abstracts*, p. 22.
21. Kakouros, E., & **Maniadaki, K.** (2006, September). Classification and treatment of anxiety and other disorders as 'disorders of perceptions'. Oral presentation accepted at the 36th Annual Congress of the European Association for Behavioural & Cognitive Therapies, Paris, France, *CD of Abstracts*, file://D:\Public\Page2.htm.

22. Kakouros, E., **Maniadaki, K.**, & Karaba, R. (2006, September). The development of childhood obesity through dysfunctional parental attitudes. Oral presentation at the 12th European Meeting of the International Association for Adolescent Health, Athens, Greece, *Book of Abstracts*, p 45.
23. Kakouros, E., & **Maniadaki, K.** (2006, July). Is stuttering a case of anxiety disorders? Oral presentation at the 27th International Conference of the Stress and Anxiety Research Society, Rethymnon, Greece, *Book of Abstracts*, p. 138.
24. **Maniadaki, K.**, Kakouros, E., Karaba, R., & Athanassopoulou, A. (2006, July). Behavioural difficulties and learning disabilities among children looked after in institutions in Greece. Oral presentation at the 26th International Congress of Applied Psychology, Athens, Greece, *CD of Abstracts*.
25. Kakouros, E., & **Maniadaki, K.** (2005, September). Attention problems and false beliefs as underlying etiological mechanisms of stuttering. Oral presentation at the 35th Annual Congress of the European Association for Behavioural & Cognitive Therapies, Thessaloniki, Greece, *Book of Abstracts*, p. 189-190.
26. **Maniadaki, K.**, & Kakouros, E. (2005, September). The use of the Strengths and Difficulties Questionnaire (SDQ) as a screening instrument for behaviour problems in preschoolers. Poster presentation at the 35th Annual Congress of the European Association for Behavioural & Cognitive Therapies, Thessaloniki, Greece, *Book of Abstracts*, p. 208.
27. Zournatzis, E., Papaeliou, Ch., & **Maniadaki, K.** (2005, September). Parents' perceptions about disruptive disorders: Implications for treatment. Oral presentation at the 35th Annual Congress of the European Association for Behavioural & Cognitive Therapies, Thessaloniki, Greece, *Book of Abstracts*, p. 173.
28. **Maniadaki, K.**, Karaba, R., Kakouros, E., & Badikian, M. (2005, July). The influence of having a preschool child with AD/HD on parental perceptions about the nature of AD/HD symptoms. Oral presentation at the 9th European Congress of Psychology, Granada, Spain, *CD of Abstracts*, file://J:\files\1697.html.
29. **Maniadaki, K.** (2005, July). The multi-level approach in the treatment of AD/HD. Oral presentation within the symposium entitled "The multi-level approach in the diagnosis and treatment of Attention Deficit / Hyperactivity Disorder (AD/HD)" at the 27th International School Psychology Association Colloquium, Athens, Greece, *Book of Abstracts*, p. 15-16
30. **Maniadaki, K.** (2004, December). The procedure of "epigenesis" of problems in the case of AD/HD. Oral presentation within the symposium entitled "Deficiencies of the current classification systems of mental disorders: The case of Attention Deficit / Hyperactivity Disorder (AD/HD)" at the 1st International Conference of the Psychological Society of Northern Greece, Thessaloniki, Greece. *Book of Abstracts*, p. 196-198.
31. Kakourou, N., & **Maniadaki, K.** (2004, December). Early precursors of Attention Deficit / Hyperactivity Disorder (AD/HD): speech problems during the preschool period. Poster presentation at the 1st International Conference of the Psychological Society of Northern Greece, Thessaloniki, Greece. *Book of Abstracts*, p. 117.
32. **Maniadaki, K.**, & Kakouros, E. (2004, November). Adults' perceptions of Attention Deficit / Hyperactivity Disorder and possible effects on prevalence rates in boys and girls. Poster presentation at the World Psychiatric Association International Congress, Florence, Italy, *World Psychiatry*, 3 (Suppl. 1), p. 298-299.

33. **Maniadaki, K.**, Kakouros, E., & Karaba, R. (2004, September). A comparison of parental attributions about child hyperactivity and conduct problems: Implications for treatment. Oral presentation at the 34th Annual Congress of the European Association for Behavioural & Cognitive Therapies, Manchester, UK, *Book of Abstracts*, p. 122.
34. Kakouros, E., Karaba, R., & **Maniadaki, K.** (2004, September). Aggressive behaviour in preschool boys and girls: Different rearing practices or result of AD/HD? Oral presentation at the 34th Annual Congress of the European Association for Behavioural & Cognitive Therapies, Manchester, UK, *Book of Abstracts*, p. 123.
35. **Maniadaki, K.**, & Kakouros, E. (2004, August). Preschoolers with AD/HD in the community: Do their parents perceive AD/HD symptoms as abnormal behaviours? Oral presentation at the 16th World Congress of the International Association for Child and Adolescent Psychiatry and Allied Disciplines, Berlin, Germany, *Book of Abstracts*, p. 219.
36. Papaeliou, Ch., **Maniadaki, K.**, & Kakourou, N. (August, 2004). Teachers' beliefs about ADHD behaviors: Implications for in-service training. Poster presentation at the 5th World Congress on Dyslexia, Thessaloniki, Greece, *Book of Abstracts*, p. 54-55.
37. **Maniadaki, K.**, Karaba, R., & Kakouros, E. (2004, July). Sex differences in the prevalence of ADHD: proposal of a theoretical model. Poster presentation at the 18th Biennial Meeting of the International Society for the Study of Behavioural Development, Ghent, Belgium, *Book of Abstracts*, p. 335-336.
38. Kakourou, N., Papaeliou, Ch., **Maniadaki, K.**, & Karaba, R. (2004, July). Speech problems in pre-schoolers and early identification of ADHD. Poster presentation at the 18th Biennial Meeting of the International Society for the Study of Behavioural Development, Ghent, Belgium, *Book of Abstracts*, p. 335.
39. Kakouros, E., & **Maniadaki, K.** (2004, April). Thoughts about the diagnosis of ADHD. Oral presentation at the 7th European Conference on Psychological Assessment. Malaga, Spain, *Book of Abstracts*, p. 100.
40. **Maniadaki, K.**, & Kakouros, E. (2003, September). Mothers versus nursery teachers: How competent do they feel toward ADHD children? Oral presentation within the symposium entitled "Attention Deficit / Hyperactivity Disorder: Problems in children" at the 33rd Annual Congress of the European Association for Behavioural & Cognitive Therapies, Prague, Czech Republic, *Psychiatrie* (Suppl. 4), p.28.
41. Kakouros, E., & **Maniadaki, K.** (2003, September). The effect of causal attributions of child disruptive behaviour on parental reactions and advice seeking. Oral presentation at the 33rd Annual Congress of the European Association for Behavioural & Cognitive Therapies, Prague, Czech Republic, *Psychiatrie* (Suppl. 4), p.95.
42. **Maniadaki, K.**, Karaba, R., & Kakouros, E. (2003, August). Maternal emotional reactions and sense of self-efficacy towards hyperactive children. Oral presentation at the 11th European Conference on Developmental Psychology, Milan, Italy, *Book of Abstracts*, p. 337.
43. **Maniadaki, K.**, & Kakouros, E. (2003, August). The impact of educators' sense of self-efficacy on their perceptions of child hyperactive behaviour. Oral presentation at the 22nd International Human Science Research Conference, Stockholm, Sweden, *Book of Abstracts*, p. 37.
44. Kakouros, E., & **Maniadaki, K.** (2003, August). Explaining the mechanism of female vulnerability to internalising disorders. Oral presentation at the 22nd

International Human Science Research Conference, Stockholm, Sweden, *Book of Abstracts*, p. 33.

45. **Maniadaki, K.**, Sonuga-Barke, E., & Kakouros, E., & (2002, June). Parental attributions about potential causes of Disruptive Behavior Disorders in boys and girls. Oral presentation at the 21st International Human Science Research Conference, Victoria, Canada, *Book of Abstracts*, p. 58.
46. Kakouros, E., **Maniadaki, K.**, Sonuga-Barke, E., & Daley, D. (2002, June). How do parents believe that disruptive behavior must be treated in children? The effect of the parent's and the child's sex. Oral presentation at the 21st International Human Science Research Conference, Victoria, Canada, *Book of Abstracts*, p. 47.
47. **Maniadaki, K.**, Sonuga-Barke, E., & Kakouros, E. (2001, August). Social attributions for externalising behaviour patterns in boys and girls. Oral presentation at the 20th International Human Science Research Conference, Tokyo, Japan, *Book of Abstracts*, p. 92.
48. Kakouros, E., & **Maniadaki, K.** (2001, August). Childhood obesity and its relationship with maternal perceptions and familial practices about nutrition. Oral presentation at the 20th International Human Science Research Conference, Tokyo, Japan, *Book of Abstracts*, p. 46.
49. Kakouros, E., **Maniadaki, K.**, & Lalioti, E. (1999, September). The evolution of the ADHD child from the nursery to primary school. Oral presentation at the IXth European Conference on Developmental Psychology, Island of Spetses, *Book of Abstracts*, p. 414.
50. Kakouros, E., & **Maniadaki, K.** (1998, March). The effects of ADHD on children's academic achievement and behaviour. Oral presentation at the International Conference on Developmental / Intellectual Disabilities, Larnaka, Cyprus, *Book of Abstracts*, p. 134-135.

C I T A T I O N S

- 50 citations for 9 international publications (found in Scopus)
- 100 citations for Greek publications and books
- Selected for biography presentation in the Greek Who is Who

R E V I E W I N G E X P E R I E N C E

Collaboration as a reviewer with the following scientific journals:

1. Progress in Neuro-Psychopharmacology and Biological Psychiatry
2. Social Science and Medicine
3. Child: Care, Health and Development
4. BMC Complementary and Alternative Medicine
5. Depression and Anxiety
6. Journal of Child and Family Studies
7. Community Mental Health Journal
8. Medical Science Monitor
9. Journal of Autism and Developmental Disorders
10. Psychiatry Research

11. Child and Adolescent Mental Health

12. Journal of Attention Disorders

M E M B E R O F E D I T O R I A L B O A R D S

Member of the editorial board of the following scientific journals:

1. Frontiers in Child and Neurodevelopmental Psychiatry
(http://www.frontiersin.org/child_and_neurodevelopmental_psychiatry).
2. Creative Education (<http://www.SciRP.org/journal/ce>).
3. Psychology (<http://www.SciRP.org/journal/psych>).
4. Psychology Frontier (<http://www.j-psy.org>)
5. Education and Social Sciences Review (<http://www.academicpub.org/essr>)

A S S O C I A T I O N M E M B E R S H I P S

Hellenic Psychological Society

Association for Child Psychology and Psychiatry (A.C.P.P.)

American Psychological Association (A.P.A.)

Q U A L I F I C A T I O N S

- Proficient at the use of the English language
- Certificate of Proficiency in English
- Proficient at the use of the French language
- Certificat de Langue francaise 2e degre
- Proficient at the use of the Spanish language
- Diploma de Lengua Espanola, nivel superior
- Proficient at the use of Windows (Office package), Internet and of SPSS 18