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Original Article

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AGGRESSIVE AND POSTCONFLICT BEHAVIOR AMONG CHILDREN, BODY SIZES AND DISTANCE OF COMMUNICATION: CROSS-CULTURAL COMPARISON ON THE EXAMPLE OF MOSCOW AND TBILISI

Studies on the relationship between body size and aggression using psychological questionnaires indicate the presence of this correlation in children and adolescents, but the results are contradictory. This study was conducted using direct non-involved observation of children from two ethnic groups at the playgrounds of Moscow (Russia) and Tbilisi (Georgia). 288 conflicts were recorded (183—Russians, 105—Georgians). The strategies of aggression and reconciliation are analyzed taking into account the body size of the participants and their spatial behavior, which made it possible to identify the universal and culturally specific features of these types of behavior in the natural game interaction. This is the first time aggression and reconciliation are being studied in the light of these relationships. The contribution of morphological (sex, body size) and psychological (aggression and reconciliation strategies used) characteristics of a person to the expression of aggressive and post-conflict behavior is universal—cultural differences manifested themselves in the types of aggression and reconciliation. Spatial characteristics were determined by the ethnicity factor—Georgian children communicated at a shorter distance in all phases of the conflict. Our data do not support previous findings that taller, larger students score lower in aggression, while shorter, thinner students are more hostile and prone to fighting and arguing. Our observations support the idea of an imbalance of power between the aggressor and the victim and indicate that in most cases the offender is taller and larger than the victim. However, children show a high reconciliatory potential, which indicates that children understand the importance of maintaining the integrity of the group.

Author Info: Burkova, Valentina N.—Ph. D. in History, Senior Researcher, the Russian Academy of Sciences N. N. Miklouho-Maklay Institute of Ethnology and Anthropology (Moscow, Russian Federation); National Research University Higher School of Economics (Moscow, Russian Federation). E-mail: burkovav@gmail.com ORCID ID: <https://orcid.org/0000-0003-4777-0224>

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References

- Atlas, R. S. and D. J. Pepler. 1998. Observations of Bullying in the Classroom. *The Journal of Educational Research* 92 (2): 86–99. <https://doi.org/10.1080/00220679809597580>
- Aureli, F. and D. Smucny. 1998. New directions in conflict resolution research. *Evolutionary Anthropology*. 6: 115–119. [https://doi.org/10.1002/\(SICI\)1520-6505\(1998\)6:4<115::AID-EVAN1>3.0.CO;2-C](https://doi.org/10.1002/(SICI)1520-6505(1998)6:4<115::AID-EVAN1>3.0.CO;2-C)
- Bjorkqvist K., M. J. Lagerspetz and A. Kaukianinen. 1992. Do Girls Manipulate and Boys Fight?: Developmental Trends in Regard to Direct and Indirect Aggression. *Aggressive Behavior* 18: 117–127. [https://doi.org/10.1002/1098-2337\(1992\)18:2<117::AID-AB2480180205>3.0.CO;2-3](https://doi.org/10.1002/1098-2337(1992)18:2<117::AID-AB2480180205>3.0.CO;2-3)
- Burkova, V. N. 2020. “Horoshego cheloveka dolzhno byt” mnogo”? Agressiya i ee svyaz” s razmerami tela [“There Must be a Lot of Good Man”? Aggression and Its Relation to Body Size]. *Etnograficheskoe obozrenie* 3:176–189. <https://doi.org/10.31857/S086954150010055-0>
- Burkova, V. N. 2020(b). Vzaimosvyaz” samoocenok aggressivnogo povedeniya moskovskikh shkol’nikov i obschih razmerov tela [The Relationship of Self-Score of Aggressive Behavior of Moscow Schoolchildren and Total Body Size]. *Voprosy psichologii* 66 (4): 70–80.
- Burkova, V. N. 2021. Aggressor i zhertva: psihomorfologicheskij portret moskovskogo shkol’nika [Aggressor and Victim: Psychomorphological Portrait of Moscow Schollchild] In *Nauchnye aspekty sovremennoy issledovanij / Sbornik nauchnyh rabot 78j Mezhdunarodnoj nauchnoj konferencii Evraziskogo Nauchnogo Obyedinenija* (Moscow, august 2021) [Scientific Aspects of Modern Research / Proceedings of the 78th International Scientific Conference of the Eurasian Scientific Association (Moscow, August 2021)]. Moscow: ENO. 257–264. <https://doi.org/10.5281/zenodo.5497564>
- Burkova, V. N. 2010. Post-konfliktное поведение у русских и осетинских школьников: культурно-специфические и универсальные черты [Postconflict Behavior Among Russian and Ossetian Schoolchildren: Cultural-Specific and Universa Traits]. In *Teoreticheskie problemy jetnicheskoy i kross-kul’turnoj psichologii: Materialy Vtoroj Mezhdunarodnoj nauchnoj konferencii 26–27 maja 2010* [Theoretical Problems of Ethnic and Cross-Cultural Psychology: Proceedings of the Second International Scientific Conference May 26–27, 2010], ed. by V. V. Gricenko. Vol. 2. Smolensk: Izd-vo “Universum”. 36–39.
- Burkova, V. N. and M. L. Butovskaya. 2008. Agressiya, dominantniy status i individual’naya distanciya u rossijskih podrostkov (na primere russkih i osetin) [“Aggression, Dominance Status and Individual Distance among Russian Adolescents (On Example of Russian and Ossetian)"]. In *Chelovek v proshlom i nastoyaschem: povadenie i morfologiya. Po materialam IV letney shkoly v RGGU (19–20 iyunya 2007) „Povedenie cheloveka v nastoyaschem i buduschem“ v Moskve* [Man in the Past and Present: Behavior and Morphology. Based on Proceedings of the 4th Summer School at the Russian State University for the Humanities (June 19–20, 2007) „Human Behavior in the Present and the Future” in Moscow], ed. by M. L. Butovskaya. Moscow: IEA RAN. 131–148.
- Burkova, V. N., J. N. Fedenok and M. L. Butovskaya. 2010. Prostranstvennoe поведение u deťej i podrostkov (na primere russkih i osetin) [Spatial Behavior of Children and Adolescents (on Example in Russian and Ossetian)]. *Etnograficheskoe obozrenie* 3: 77–91.
- Butovskaya, M. L. 2001. Reconciliation After Conflicts: Ethological Analysis of Post-Conflict Interactions in Kalmyk Children. In *Cross-Cultural Approaches to Aggression and Reconciliation*, ed. by J. M. Ramires and D. R. Richardson. Huntington, New York: Nova Science. 167–190.
- Butovskaya, M. L. 2008. Reconciliation, Dominance and Cortisol Levels in Children and Adolescents (7–15-year-old boys). *Behaviour* 145 (11): 1557–1576. <https://doi.org/10.1163/156853908786131342>
- Butovskaya, M. L., V. N. Burkova and V. M. Timenchik 2006. Kross-kul’turnye razlichija post-konfliktnogo поведения u russkih i armjanskikh shkol’nikov [Cross-Cultural Differences of Postconflict Behavior Among Russian and Armenian Schoolchildren]. In *Agressija i mirnoe*

- sosushhestvovanie: universal'nye mehanizmy kontrolja social'noj naprjazhennosti u cheloveka* [Aggression and Peaceful Coexistence: Universal Mechanisms to Control Social Tension in Humans], ed. by M. L. Butovskaya. Moscow: Nauchnyj mir. 107–145.
- Butovskaya, M. L. and Y. M. Plusnin. 1995. Principy organizacii prostranstvennogo povedenija u cheloveka i vysshih primatov (sravnitel'nyj analiz) [Principles of Organization of Spatial Behavior in Humans and Higher Primates (Comparative Analysis)]. In *Sovremennaia antropologija i genetika i problema ras u cheloveka* [Modern Anthropology and Genetics and the Problem of Races in Humans], ed. by I. M. Zolotareva, G. A. Aksianova. Moscow. P. 91–143.
- Butovskaya, M., P. Verbeek, T. Ljungberg, A. Lunardini and F. Aureli. 2000. A Multicultural View of Peacemaking among Young Children. In *Natural Conflict Resolution*, ed. by F. B. M. de Waal. Berkeley: University of California Press. 2000. 243–258.
- Craig, W. M. and D. J. Pepler. 1998. Observations of Bullying and Victimization in the School Yard. *Canadian Journal of School Psychology* 13 (2): 41–59. <https://doi.org/10.1177/082957359801300205>
- Dodge, K. A., J. D. Coie, G. S. Pettit and J. M. Price. 1990. Peer Status and Aggression in Boys' Groups: Developmental and Contextual Analyses. *Child development* 61(5): 1289–1309. <https://doi.org/10.1111/j.1467-8624.1990.tb02862.x>
- Evans, G. W. and H. R. B. Howard. 1973. A Methodological Investigation of Personal Space. In *Environmental Design: Research and Practice: Proceedings of the third environmental design research association conference*, ed. by W. J. Mitchell. Los Angeles: University of California Press.
- Gallup, A. C. and D. S. Wilson. 2009. Body Mass Index (BMI) and peer aggression in adolescent females: An evolutionary perspective. *Journal of Social, Evolutionary, and Cultural Psychology* 3 (4): 356–362. <https://doi.org/10.1037/h0099310>
- Hall, E. T. 1963. A System for the Notation of Proxemic Behavior. *American Anthropologist* 65: 1003–1026. <https://www.jstor.org/stable/668580>
- Ksenofontova, V. A. 2015. Morfologicheskie marker psihicheskikh i povedencheskikh osobennostej devushek [Morphological Markers of Mental and Behavioral Characteristics of Girls]. *Byulleten' medicinskikh internet-konferencij* 5 (5): 722–725.
- LaFreniere, P. J., N. Masataka, M. Butovskaya, Q. Chen, M. A. Dessen, K. Atwanger, S. Schreiner, A. Montirosso and A. Frigerio. 2002. Cross-Cultural Analysis of Social Competence and Behavior Problems in Preschoolers. *Early Education & Development* 13 (2): 201–219. https://doi.org/10.1207/s15566935eed1302_6
- Lagerspetz, K. M., K. Bjorkqvist and T. Peltonen. 1998. Is Indirect Aggression Typical of Females? Gender Difference in Aggressiveness in 11- to 12-year-old Children. *Aggressive Behavior* 14: 403–414. [https://doi.org/10.1002/1098-2337\(1998\)14:6<403::AID-AB2480140602>3.0.CO;2-D](https://doi.org/10.1002/1098-2337(1998)14:6<403::AID-AB2480140602>3.0.CO;2-D)
- Olweus, D. 1991. Bully/Victim Problems Among School Children: Basic Facts and Effects of a School Based Intervention. In *The Development and Treatment of Childhood Aggression*, ed. by Rublin, K. and D. Pepler. New Jersey: Erlbaum. Hillsdale. 85–128.
- Pepler, D. J. and W. M. Craig. 1995. A Peek Behind the Fence: Naturalistic Observations of Aggressive Children with Remote Audiovisual Recording. *Developmental Psychology* 31: 548–553. <https://doi.org/10.1037/0012-1649.31.4.548>
- Pepler, D. J., W. M. Craig and W. R. Roberts. 1998. Observations of Aggressive and Nonaggressive Children on the School Playground. *Merrill Palmer Quarterly* 44: 55–76. <https://www.jstor.org/stable/23093393>
- Pinhey, T. K. 2002. A Research Note on Body Mass, Physical Aggression, and the Competitiveness of Asian-Pacific Islander Adolescents in Guam. *Social Biology* 49: 90–98. <https://doi.org/10.1080/19485565.2002.9989051>
- Raine, A., C. Reynolds, P. H. Venables, S. A. Mednick and D. P. Farrington. 1998. Fearlessness, Stimulation-Seeking, and Large Body Size at Age 3 Years as Early Predispositions to Child-

- hood Aggression at Age 11 Years. *Archives of general psychiatry* 55 (8): 745–751. <https://doi.org/10.1001/archpsyc.55.8.745>
- Shasby, G. 1978. A Study of Behavior and Body Type in Troubled Youth. *Journal of School Health* 213 (48): 103–107. <https://doi.org/10.1111/j.1746-1561.1978.tb08083.x>
- Sheldon, W. H. 1949. *Varieties of Delinquent Youth: An Introduction to Constitutional Psychiatry*. New York: Harper. 899 p.
- Tlegenova G. A. 1990. *Vliyanie agressivnosti na proksemicheskie kharakteristiki neverbal'nogo povedeniya* [Influence of Aggressiveness on the Proxemic Characteristics of Non-Verbal Behavior]. Master diss., Saint Petersburg State University.
- Fedenok, J. N., and V. N. Burkova. 2021. Podkhody i metody v izuchenii proksemicheskogo povedeniia cheloveka: analiticheskii obzor [Approaches and Methods for Studying Human Proxemic Behavior: An Analytical Review]. *Etnograficheskoe obozrenie* 6: 165–188. <https://doi.org/10.31857/S086954150017940-4>
- Verbeek, P. 2008. Peace Ethology. *Behaviour* 145 (11): 1497–524. <https://doi.org/10.1163/156853908786131270>
- Vila G., E. Zipper, M. Dabbas, C. Bertrand, J. J. Robert, C. Ricour and M. C. Mouren-Siméoni. 2004. Mental Disorders in Obese Children and Adolescents. *Psychosomatic Medicine* 66 (3): 387–394.