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BOOK OF ABSTRACTS

Edited by:

Guilhem, G., Rabita, G., Brocherie, F., Tsolakidis, E., Ferrauti, A., Helge, J.W., Piacentini, M.F.

Thursday, July 6, 2023 18:00 - 19:00

RESULTS: Health and Family Security were the most important terminal values for players, both women and men. National Security and Equality were significantly higher in the hierarchy of women and Pleasure was more important for men. The korfball players' highly regarded instrumental values like Honest, Responsible and Loving (Ambitious, Honest, Loving for women; Honest and Responsible for men). A statistically significant difference was found only for Forgiving, which was more valued for women than men. Mature Love and A Comfortable Life were significantly more valued for athletes with higher education (also True Friendship), living in cities and working. For studying players Equality was significantly more important. For male players the importance of 4 values increases with the years of play: Self-Respect, Wisdom (terminal), Capable and Courageous (instrumental).

CONCLUSION: There is a lack of similar research in sport sciences, thus more research is needed to determine if gender-equal factor influences the value system of players comparing to the others team or individual sports.

GENDER-SPECIFIC CHARACTERISTICS OF PHYSICAL PERFORMANCE DURING SPEED AND STRENGTH EXERCISES

NAGORNA, V., MYTKO, A., OBERHOFER, K., ACHERMANN, B., LORENZETTI, S.

SWISS FEDERAL INSTITUTE OF SPORT MAGGLINGEN

INTRODUCTION: Performing specific speed and strength exercises, such as a squat with a barbell, requires the athlete to have an impeccable technique of performing a motor action from a biomechanical point of view and high indicators of the athletes balance function coefficient. That is why, the purpose of this study was to identify elite athletes` gender-specific characteristics of physical performance during speed and strength exercises.

METHODS: The method of expert evaluations was used to determine the modern problems of female elite sports (n=20). To determine the model characteristics of the optimal psychophysiological state and balance function of elite male versus female athletes during physical exercises, two independent groups, including 17 women (age 20,11 \pm 3,12) and 24 men (age 19,83 \pm 3,06), were compared.

The participants were elite athletes from different sport games, including: basketball (women, n=10 and men, n=14), handball (women, n=3 and men, n=5) and volleyball (women, n=4 and men, n=5). Mathematical and statistical processing and data analysis were carried out using the computing and graphic capabilities of the computer programs "Statistica"

RESULTS: The analysis of the literature in modern sports science and the results of the interviews with 20 experts made it possible to highlight the main gender problem in sports that is: transferring male athletes` training models and loads to the female preparedness. The statistical analysis of the psychophysiological tests` results showed that, for men, it is an attention predominance, and for women, is mobility and strength of nervous processes, respectively. The female athletes in the group were 5,88 cm shorter in height and 19,08 kg lighter in weight. Statistically significant differences with p < 0.01 were observed in male athletes' dynamometry of the dominant $(53,54\pm4,75 \text{ kg})$ and non-dominant $(50,67\pm5,26 \text{ kg})$ hands compared to female athletes who presented with a dominant hand strength of $30,59\pm3,54$ kg and a non-dominant hand strength of $29,06\pm3,42$ kg. Based on the comparison of stabilograms of two samples, we determined the degree of visual stability in standing using the Romberg coefficient, with significant differences in the results for men $(173\% \pm 2,62)$ versus women $(216\% \pm 2,32)$. The higher the percentage, the better the athlete was coordinated and/or trained. As for the ratio of the quality of the equilibrium function of elite athletes without and with visual control, significantly higher indicators were observed for women $(0,98\pm0,02)$ compared to the group of men $(0,78\pm0,06)$.

CONCLUSION: The present research results provide new information and scientific insights into the need to build different approaches in planning special physical loads for female compared to male athletes. The outcome of the expert evaluation is expected to affect recommendations on efficient speed and strength training design (e.g. exercise "squat with a barbell") for women versus men to be further investigated in ongoing research.

META-SYNTHESIS OF WOMEN'S EXPERIENCES OF GENDER-BASED INTERPERSONAL VIOLENCE IN SPORT

FORSDIKE, K.

LA TROBE UNIVERSITY

Introduction: Violence against women and girls in sport is a pervasive issue, with prevalence rates of interpersonal violence ranging from 26% to 74% across psychological, physical, and sexual violence. This is despite sport being championed as a site for women's empowerment and equality, and as a key setting for addressing the drivers of gender-based violence. Whilst prevalence studies show a high rate of interpersonal violence, they rarely examine gender-based violence beyond sexual violence, and often focus on elite or youth sport populations. There is a need to examine all forms of gender-based violence in sport and to seek to understand women's diverse lived experience to inform appropriate policy and practice responses. Our meta-synthesis reviewed and synthesised qualitative studies that had explored women's experiences of gender-based interpersonal violence in sport.

Methods: We searched five databases across four categories of search terms: gender-based vio-lence/abuse/harassment; sport/exercise; woman/female; qualitative. We followed a meta-ethnographic approach. We developed an interpretation of a selection of studies, using reflexive thematic analysis to create a new interpretation (third-order construct) beyond the individual studies reviewed. We applied a feminist socio-ecological lens to our analysis, remaining cognisant of gendered power as it runs through and between the socio-ecological levels.