

Akadémia Policajného zboru v Bratislave

Charakteristika predkladaného výstupu tvorivej činnosti / Characteristics of the submitted research/ artistic/other output

Tlačivo VTC slúži na predkladanie výstupov tvorivej činnosti podľa metodiky hodnotenia tvorivých činností (časť V. Metodiky na vyhodnocovanie štandardov) / The form is used to submit the research/artistic/other outputs according to the evaluation methodology of research/artistic/other activities (part V. The Methodology for Standards Evaluation).

ID konania/ID of the procedure: ¹	
Kód VTC/Code of the research/artistic/other output (RAOO): ¹	

OCA1. Priezvisko hodnotenej osoby / Surname awarded to the assessed person ²	Masnicová
OCA2. Meno hodnotenej osoby / Name awarded to the assessed person ²	Soňa
OCA3. Tituly hodnotenej osoby / Degrees awarded to the assessed person ²	doc. RNDr. PhD. / Assoc. Prof., RNDr., PhD.
OCA4. Hyperlink na záznam osoby v Registri zamestnancov vysokých škôl / Hyperlink to the entry of the person in the Register of university staff ³	https://www.portalvs.sk/regzam/detail/23
OCA5. Oblasť posudzovania / Area of assessment ⁴	Bezpečnostnoprávna ochrana osôb a majetku 1., 2., 3. stupeň / Security and Legal
OCA6. Kategória výstupu tvorivej činnosti / Category of the research/ artistic/other output <i>Výber zo 6 možností (pozri Vysvetlivky k položke OCA6) / Choice from 6 options</i>	vedecký výstup/scientific output
OCA7. Rok vydania výstupu tvorivej činnosti / Year of publication of the research/artistic/other output	2015
OCA8. ID záznamu v CREPČ alebo CREUČ (ak je) / ID of the record in the Central Registry of Publication Activity (CRPA) or the Central Registry of Artistic Activity (CRAA) ⁵	73943
OCA9. Hyperlink na záznam v CREPČ alebo CREUČ / Hyperlink to the record in CRPA or CRAA ⁶	https://app.crep.sk/?fn=detailBiblioFormChildCO14J&sid=CAFBA64501B12866A8473579&seo=CREP%C4%8C-detail-%C4%8C%C3%A1nok
nie je registrovaný v CREPČ alebo CREUČ / Characteristics of the output that is not registered in CRPA or CRAA	OCA10. Hyperlink na záznam v inom verejne prístupnom registri, katalógu výstupov tvorivých činností / Hyperlink to the record in another publicly accessible register, catalogue of research/ artistic/other outputs ⁷
	OCA11. Charakteristika výstupu vo formáte bibliografického záznamu CREPČ alebo CREUČ, ak výstup nie je vo verejne prístupnom registri alebo katalógu výstupov / Characteristics of the output in the format of the CRPA or the CRAA bibliographic record, if the output is not available in a publicly accessible register or catalogue of outputs
	OCA12. Typ výstupu (ak nie je výstup registrovaný v CREPČ alebo CREUČ) / Type of the output (if the output is not registered in CRPA or CRAA) <i>Výber zo 67 možností (pozri Vysvetlivky k položke OCA12) / Choice from 67 options (see Explanations for OCA12).</i>
	OCA13. Hyperlink na stránku, na ktorej je výstup sprístupnený (úplný text, iná dokumentácia a podobne) / Hyperlink to the webpage where the output is available (full text, other documentation, etc.)
	OCA14. Charakteristika autorského vkladu / Characteristics of the author's contribution

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Charakteristika výstupu, ktorý	<p>OCA15. Anotácia výstupu s kontextovými informáciami týkajúcimi sa opisu tvorivého procesu a obsahu tvorivej činnosti a pod. / Annotation of the output with contextual information concerning the description of creative process and the content of the research/artistic/other activity, etc. ⁸</p> <p><i>Rozsah do 200 slov v slovenskom jazyku / Range up to 200 words in Slovak</i></p> <p><i>Rozsah do 200 slov v anglickom jazyku / Range up to 200 words in English</i></p>	
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<p>OCA16. Anotácia výstupu v anglickom jazyku / Annotation of the output in English⁹ <i>Rozsah do 200 slov / Range up to 200 words</i></p>	<p>Hand and foot dimensions used for stature estimation help to formulate a biological profile in the process of personal identification. Morphological variability of hands and feet shows the importance of generating population-specific equations to estimate stature. The stature, hand length, hand breadth, foot length and foot breadth of 250 young Slovak males and females, aged 18-24 years, were measured according to standard anthropometric procedures. The data were statistically analyzed using independent t-test for sex and bilateral differences. Pearson correlation coefficient was used for assessing relationship between stature and hand/foot parameters, and subsequently linear regression analysis was used to estimate stature. The results revealed significant sex differences in hand and foot dimensions as well as in stature ($p < 0.05$). There was a positive and statistically significant correlation between stature and all measurements in both sexes ($p < 0.01$). The highest correlation coefficient was found for foot length in males ($r = 0.71$) as well as in females ($r = 0.63$). Regression equations were computed separately for each sex. The accuracy of stature prediction ranged from ± 4.6 to ± 6.1 cm. The results of this study indicate that hand and foot dimension can be used to estimate stature for Slovak for the purpose of forensic field. The regression equations can be of use for stature estimation particularly in cases of dismembered bodies.</p>
<p>OCA17. Zoznam najviac 5 najvýznamnejších ohlasov na výstup / List of maximum 5 most significant citations corresponding to the output <i>Rozsah do 200 slov / Range up to 200 words</i></p>	<p>[1] ASADUJJAMAN, M., HOSSAIN, M. G., RANA, M. S., ISLAM, M. Z. 2021. Stature estimation from handprint measurements : an application to the medicolegal investigation. In Egyptian Journal of Forensic Sciences. 2021, Vol. 11, No. 1. SCOPUS.</p> <p>[1] BEE, Y. C. 2021. Stature estimation using foot dimensions via 3D scanning in Taiwanese male adults. In Science and Justice. 2021, Vol. 61, No. 6, pp. 669-677. SCOPUS.</p> <p>[1] TAGAWA, K., FERNANDEZ, I. G., NAGASAKI, T., NAKANO, S., HIDA, M., OKAMATSU, S., WADA, C. 2021. Foot position measurement during assistive motion for sit-to-stand using a single inertial sensor and shoe-type force sensors. In International Journal of Environmental Research and Public Health. 2021, Vol. 18, No. 19. SCOPUS.</p> <p>[1] PARK, S., YI, Y., TSENGEL, B., KIM, J., CHUN, D. I., WON, S. H., MIN, T. H., PARK, J. H., LEE, M., CHO, J. 2021. Adult stature estimation from radiographic metatarsal length in a contemporary Korean population. In International Journal of Environmental Research and Public Health. 2021, Vol. 18, No. 19. SCOPUS.</p> <p>[1] AKGÖZ, A. K., ERKMAN, A. C., BINOKAY, F., GÖKER, P., BOZKIR, M. G. 2021. Stature estimation from radiographic measurements in adult Anatolian population [Estimación de la estatura a partir de mediciones radiográficas en una población adulta de Anatolia]. In International Journal of Morphology. 2021, Vol. 39, No. 3, pp. 809-815. SCOPUS.</p>
<p>OCA18. Charakteristika dopadu výstupu na spoločensko-hospodársku prax / Characteristics of the output's impact on socio-economic practice <i>Rozsah do 200 slov v slovenskom jazyku / Range up to 200 words in Slovak</i> <i>Rozsah do 200 slov v anglickom jazyku / Range up to 200 words in English</i></p>	<p>Výsledky a závery štúdie sa reálne využívajú vo forenznej praxi na stanovenie výšky osoby z odtlačkov a rozmerov nôh a rúk. / The results and conclusions of the study are really used in forensic practice to determine the stature of a person from the footprints, palmprints and from the measurements of hands and feet.</p>
<p>OCA19. Charakteristika dopadu výstupu a súvisiacich aktivít na vzdelávací proces / Characteristics of the output and related activities' impact on the educational process <i>Rozsah do 200 slov v slovenskom jazyku / Range up to 200 words in Slovak</i> <i>Rozsah do 200 slov v anglickom jazyku / Range up to 200 words in English</i></p>	<p>Výsledky štúdie sú zahrnuté vo vzdelávaní študentov na predmetoch Kriminológia 1 a Kriminologická technika na prvom a druhom stupni štúdia. / The results of the study are included in the education of students in the subjects Criminalistics 1 and Criminalistic technique at the first and second level of study.</p>