

Histograms

to accompany the dataset and journal article

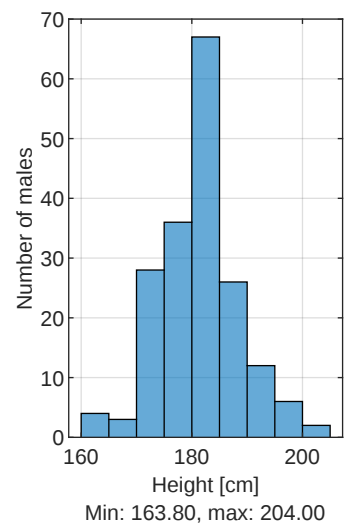
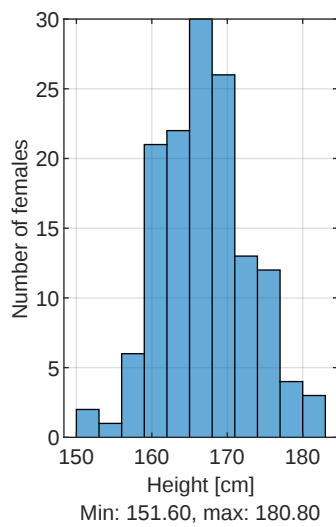
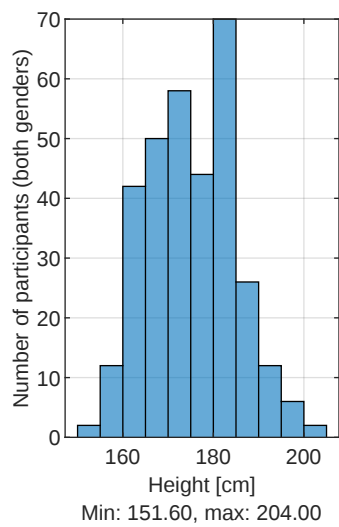
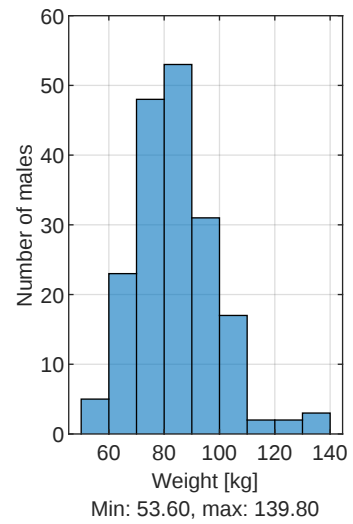
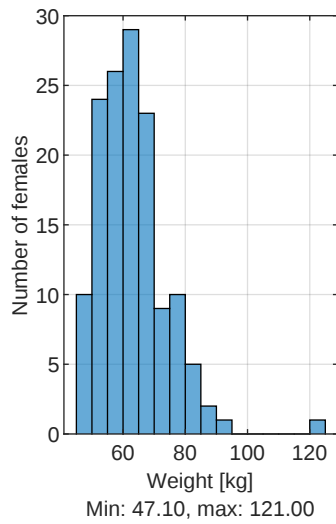
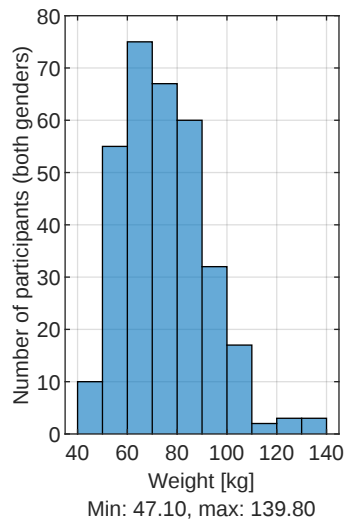
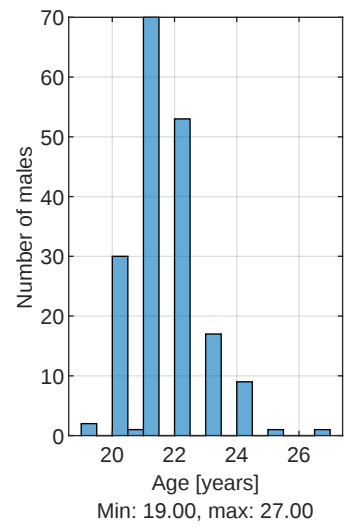
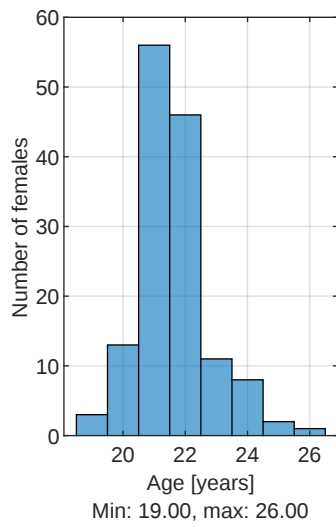
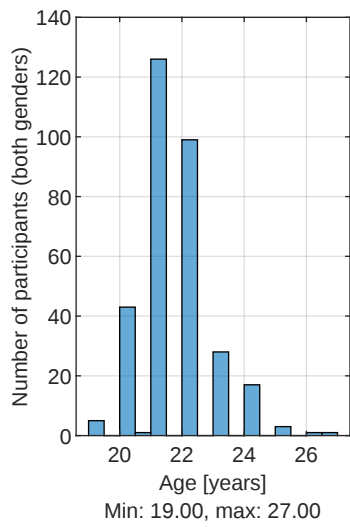
Real-world measurements of ground reaction forces of normal gait of young adults wearing various footwear

by Marcin Derlatka and Marek Parfieniuk

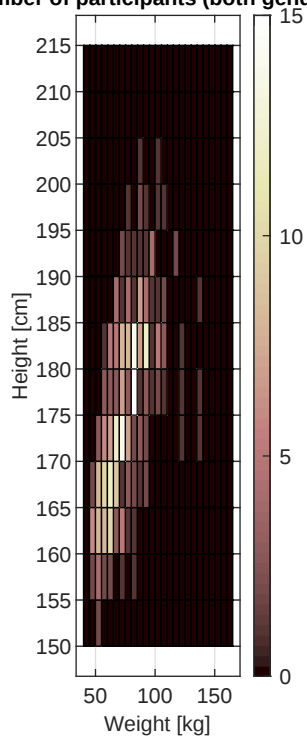
2023.01.07

List of histograms

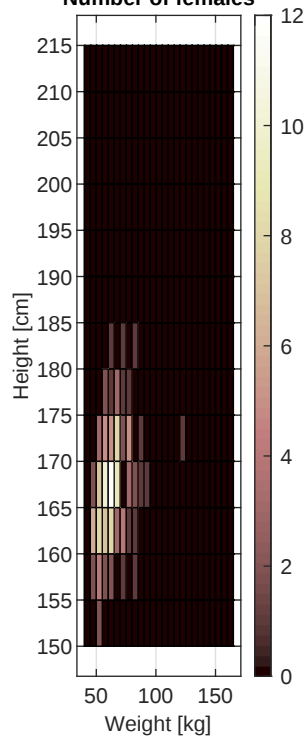
Independent variable	Dependent variable	Page
Age/weight/height	Number of participants/males/females	2
Weight and height (3D-histogram scatter plot)		3
Measurement duration [samples]	Number of measurements	4
Difference between duration of stance phases of both plates [samples]		4
Ratio of measurement duration to stance-phase duration (first/second plate)		4
Foot-strike/off-based step duration [samples]		5
Foot-strike/off-based step duration [seconds]		5
Mean magnitude of pre/post-foot-strike samples of vertical/anterior-posterior/ medio-lateral force of first plate [N]		6
Mean magnitude of pre/post-foot-strike samples of vertical/anterior-posterior/ medio-lateral force of second plate [N]		7
First/Second-plate vertical force: foot-strike/off value [N]		8
First/Second-plate vertical force: maximum value [N]		9
First/Second-plate anterior-posterior force: maximum/minimum value [N]		9
Measurement duration [samples] (The same for both plates)		10
Difference between durations of stance phases of both plates [samples]		10
Ratio of measurement duration to stance-phase duration (First/second plate)		10
Left/Right-leg vertical force: maximum value [N]		11
Left/Right -leg anterior-posterior force: maximum/ minimum value [N]		11
Mean magnitude of pre-foot-strike samples of vertical/anterior-posterior/ medio-lateral force of left leg [N]		12
Mean magnitude of post-foot-off samples of vertical/anterior-posterior/ medio-lateral force of left leg [N]		12
Mean magnitude of pre-foot-strike samples of vertical/anterior-posterior/ medio-lateral force of right leg [N]		13
Mean magnitude of post-foot-off samples of vertical/anterior-posterior/ medio-lateral force of right leg [N]		13
Left/Right-leg stance-phase duration [samples]		14



Number of participants (both genders)



Number of females



Number of males

