













Fig. 12. Sample skeleton acquisitions of the 2-minute step test.

## V. CONCLUSIONS

A multimodal dataset containing kinematic and electrophysiological data of 4 important senior fitness tests has been acquired using commercially available hardware. 11 young and 10 senior subjects have participated in the recording sessions and made their data anonymously available for research. The acquired data has sufficient quality to reproduce the scores of the different fitness tests as well as enable further studies with the available signals. Our next steps will consist in annotating specific events in the data, so temporal correlations can be assessed across different signal dimensions.

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