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Author Correction: Mobilise-D insights to estimate real-world walking speed in multiple conditions with a wearable device

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Correction to: *Scientific Reports* https://doi.org/10.1038/s41598-024-51766-5, published online 19 January 2024

The original version of this Article contained an error in Figure 7 where an incorrect reference was cited for one of the recommended algorithms for Gait Speed Detection (GSD). The original Figure 7 and accompanying legend appear below.

In addition, the Supplementary Information 1 file published with this Article contained errors in Tables 1 and 2. The Intraclass Correlation Coefficients (ICCs) for walking speed were incorrectly reported instead of the correct ICC values for stride length and cadence.

The original Supplementary Information 1 file is provided below.

The original Article and the Supplementary Information 1 file that accompanies the original Article have been corrected.
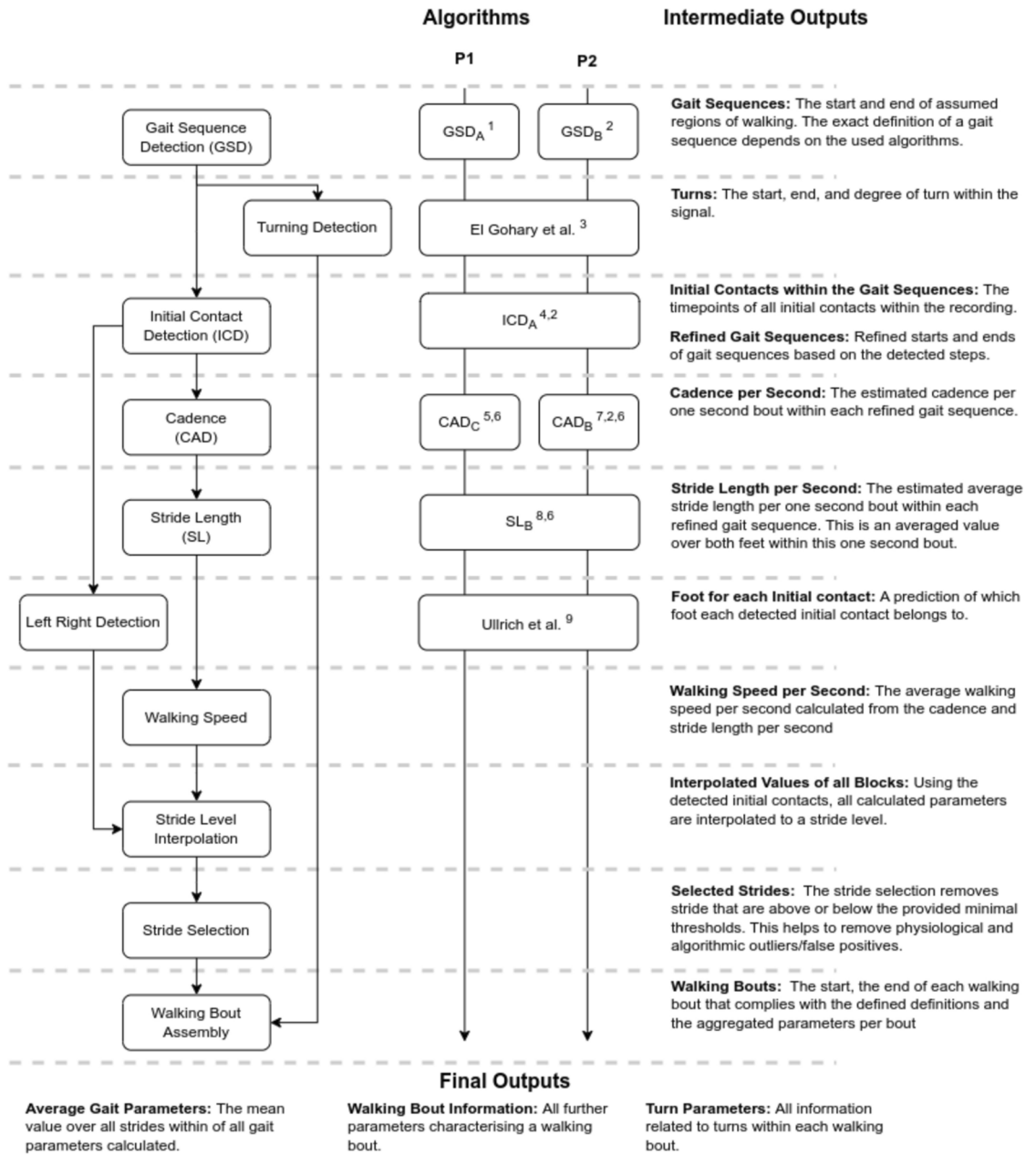
1

Figure 7. Overview over the diferent algorithmic steps of the analytical pipeline with short explanations of the intermediate and fnal outputs of each of the algorithmic blocks; gait sequence detection (GSD), initial contact detection (ICD), cadence estimation (CAD) and stride length estimation (SL). Te algorithm column indicates the used algorithms for the two pipelines P1 (HA, COPD, CHF). (MS, PD, PFF) and P2 (MS, PD, PFF) Short citations for the algorithms are provided below the fgure. For more details see Table 1 in[26].

Additional information

Supplementary Information The online version contains supplementary material available at https://doi.org/10.1038/s41598-024-79454-4.