***Supplementary file*. Bland-Altman plots for steps**

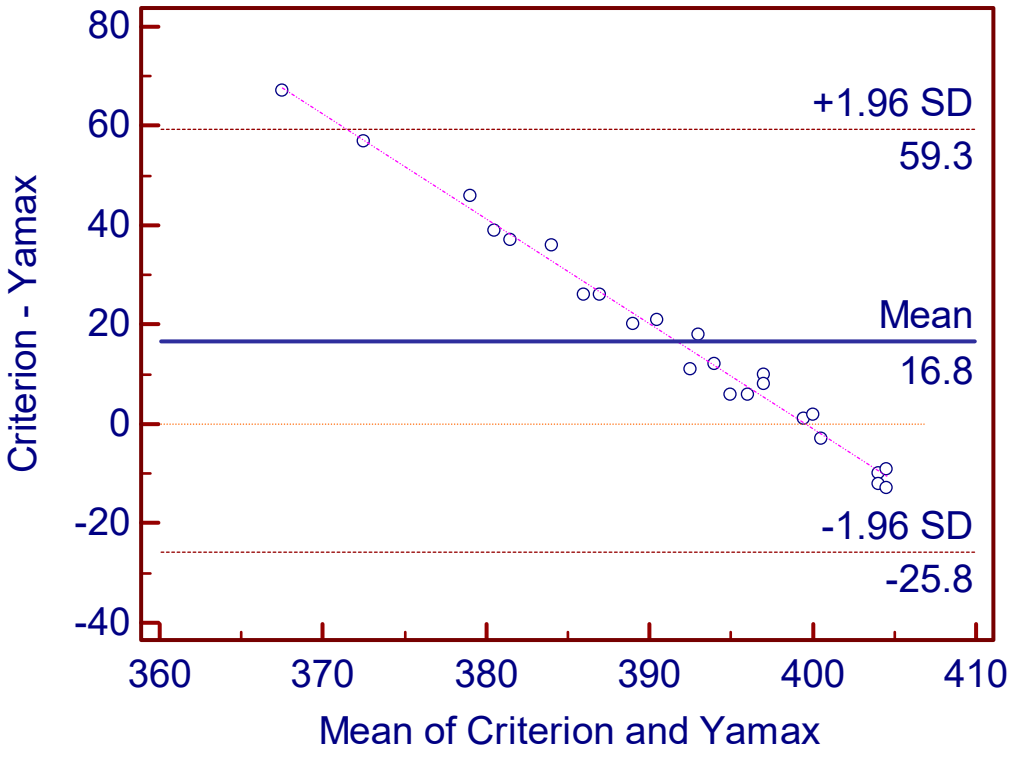


Figure S1. Bland-Altman plot for *Yamax* step estimates in the lab-based semi-structured study compared with criterion measure.

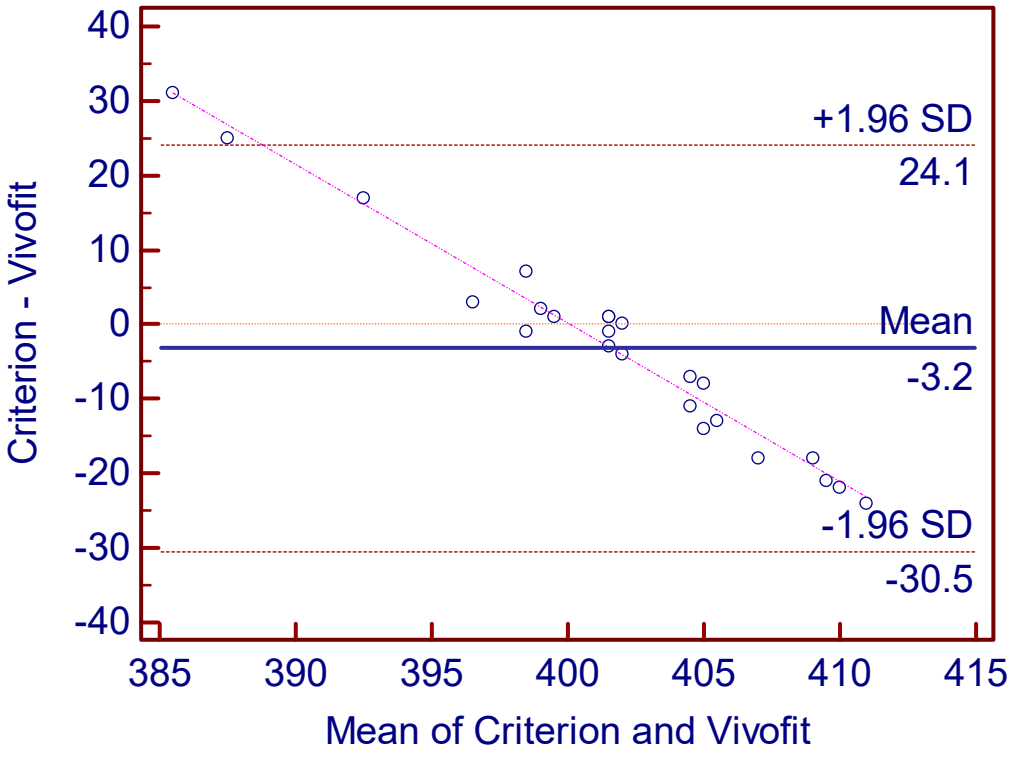


Figure S2. Bland-Altman plot for *Vivofit* step estimates in the lab-based semi-structured study compared with criterion measure.

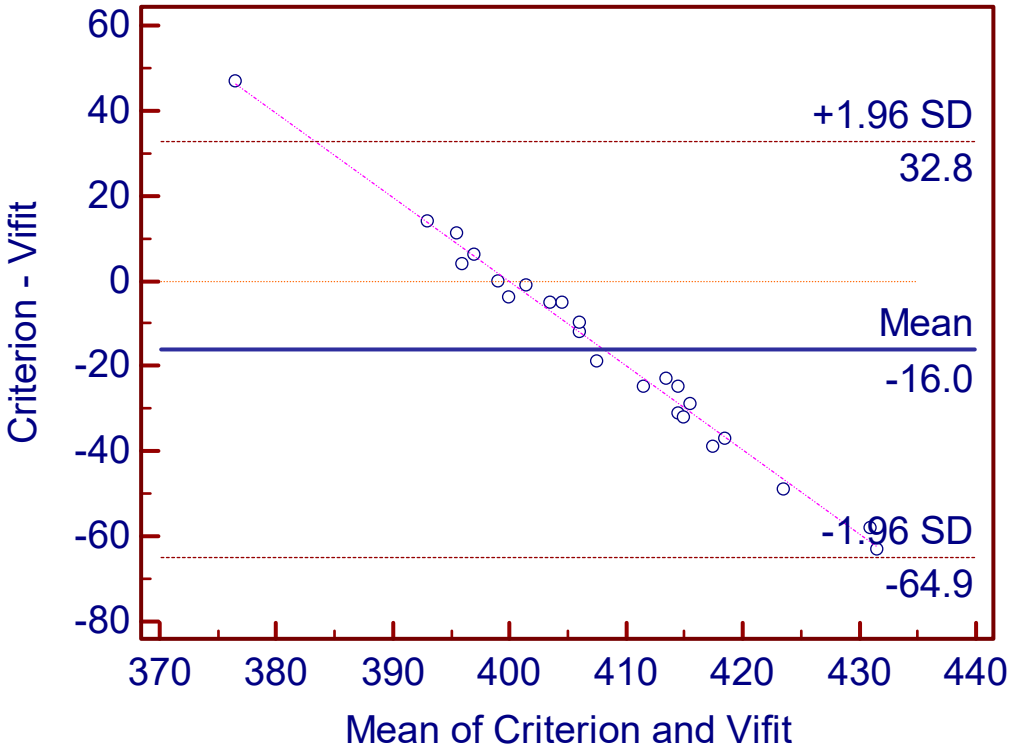


Figure S3. Bland-Altman plot for *Vifit* step estimates in the lab-based semi-structured study compared with criterion measure.

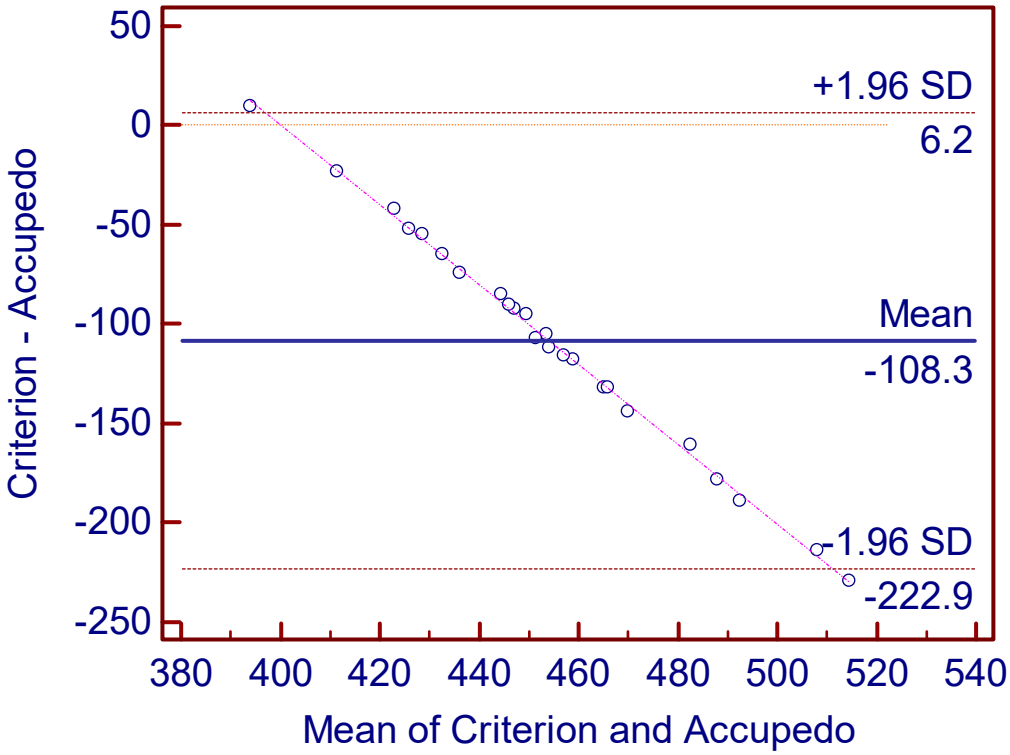


Figure S4. Bland-Altman plot for *Accupedo Android* step estimates in the lab-based semi-structured study compared with criterion measure.

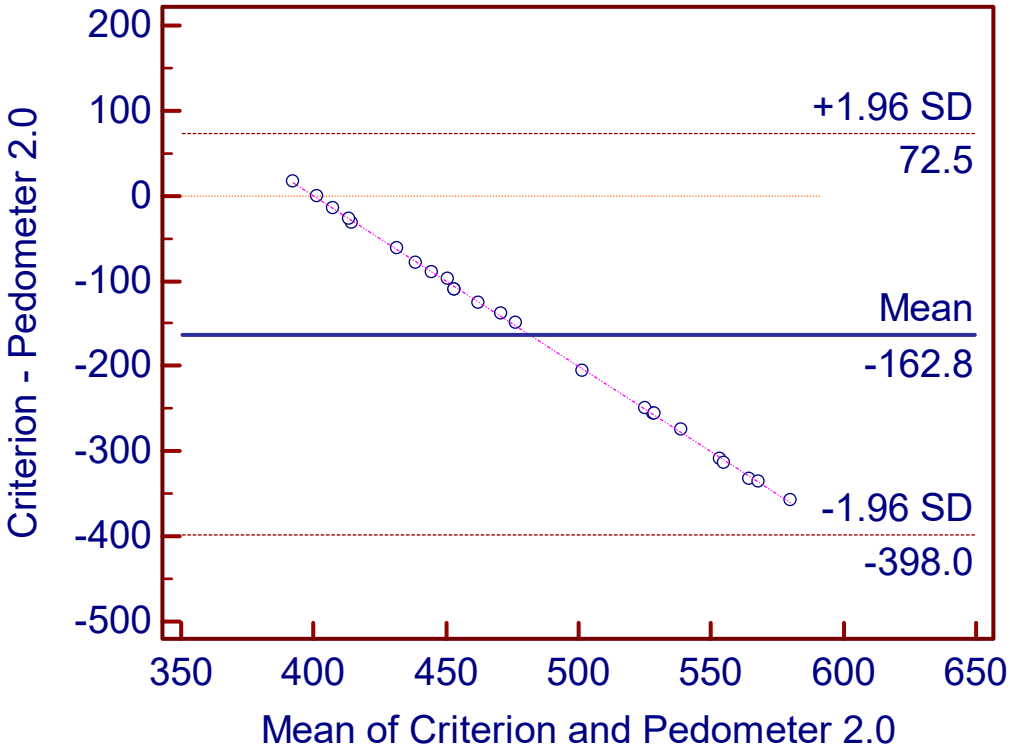


Figure S5. Bland-Altman plot for *Pedometer 2.0 Android* step estimates in the lab-based semi-structured study compared with criterion measure.

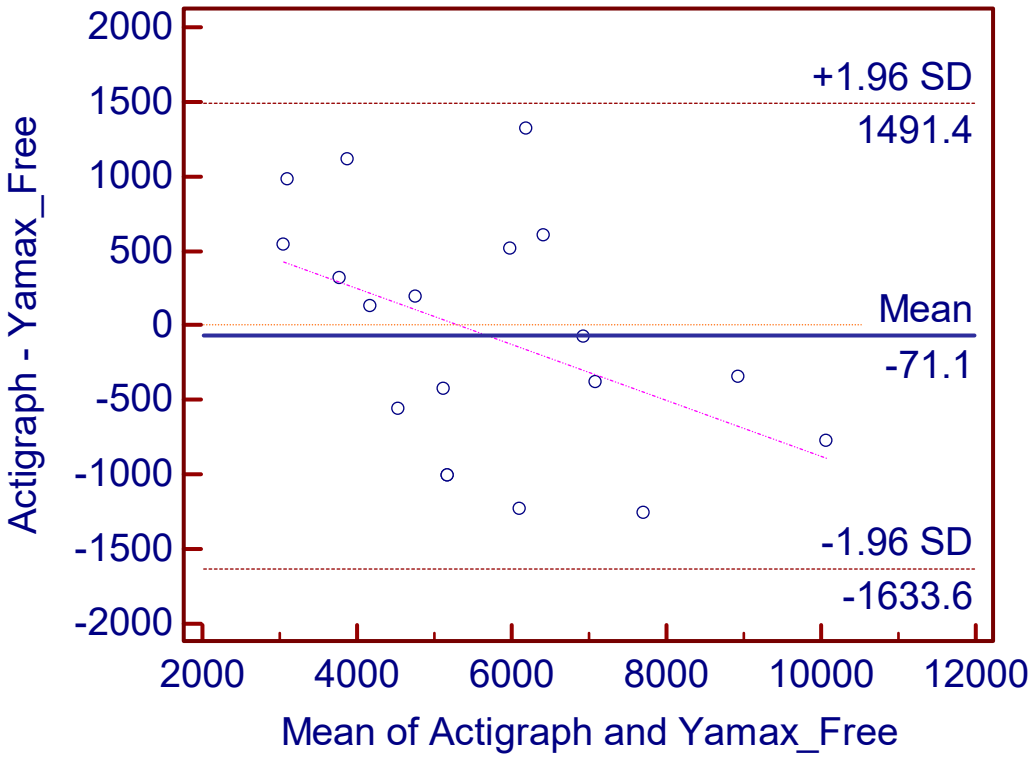


Figure S6. Bland-Altman plot for *Yamax* step estimates during the 3-day field study compared with criterion measure.

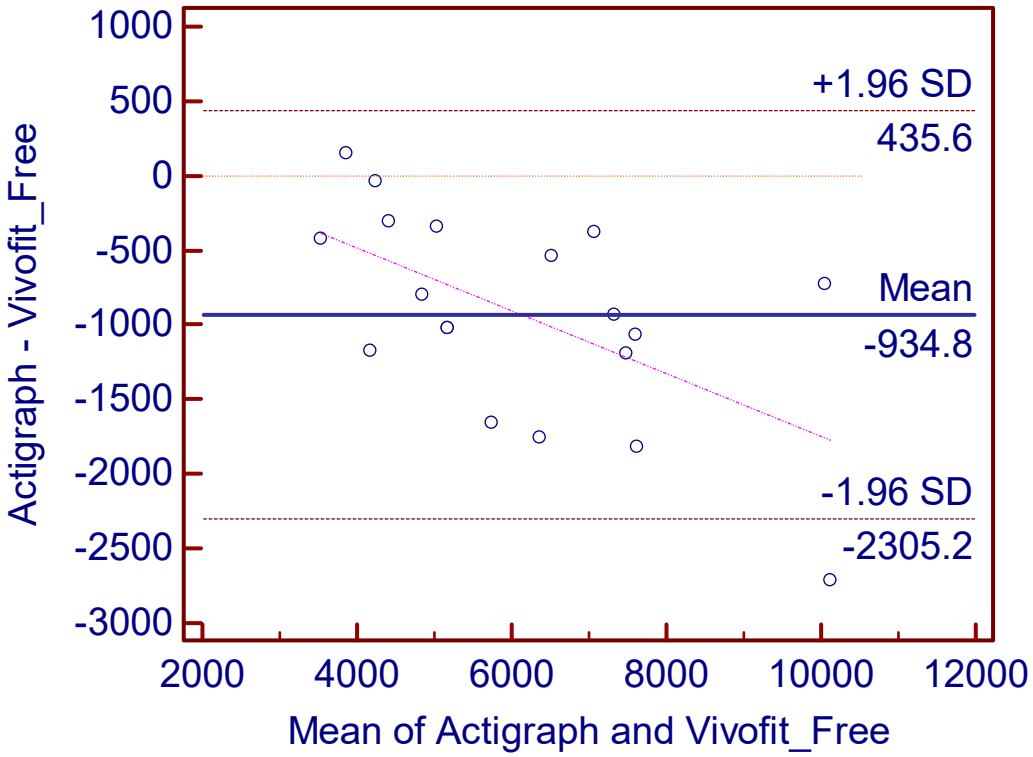


Figure S7. Bland-Altman plot for *Vivofit* step estimates during the 3-day field study compared with criterion measure.

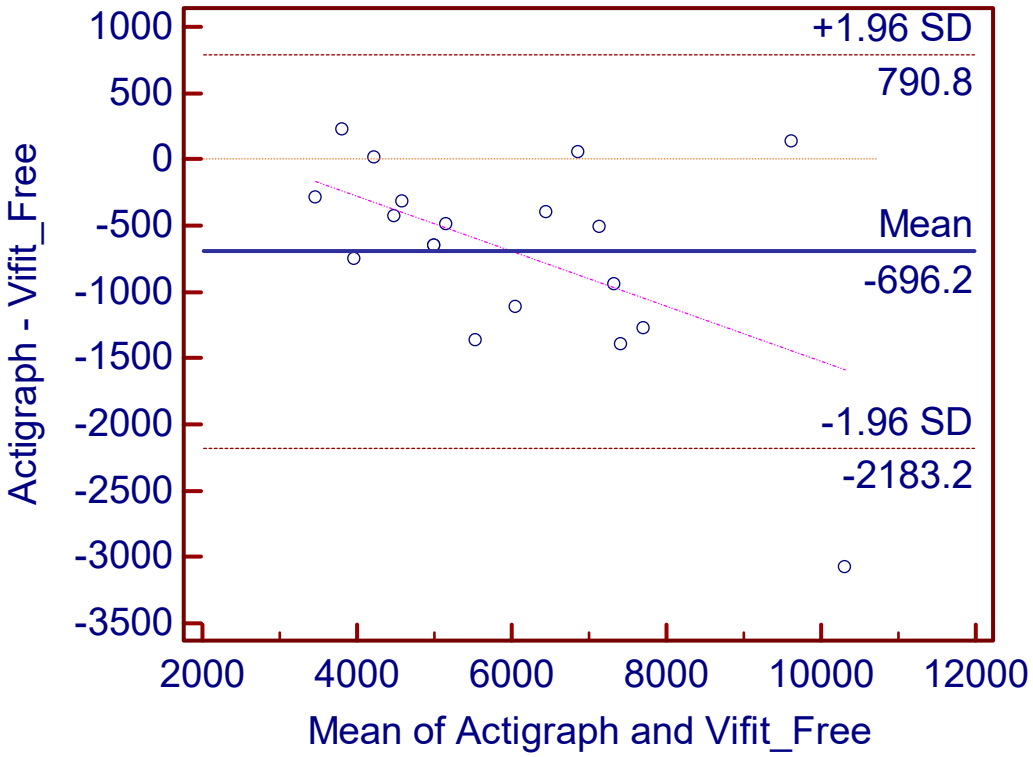


Figure S8. Bland-Altman plot for *Vifit* step estimates during the 3-day field study compared with criterion measure.

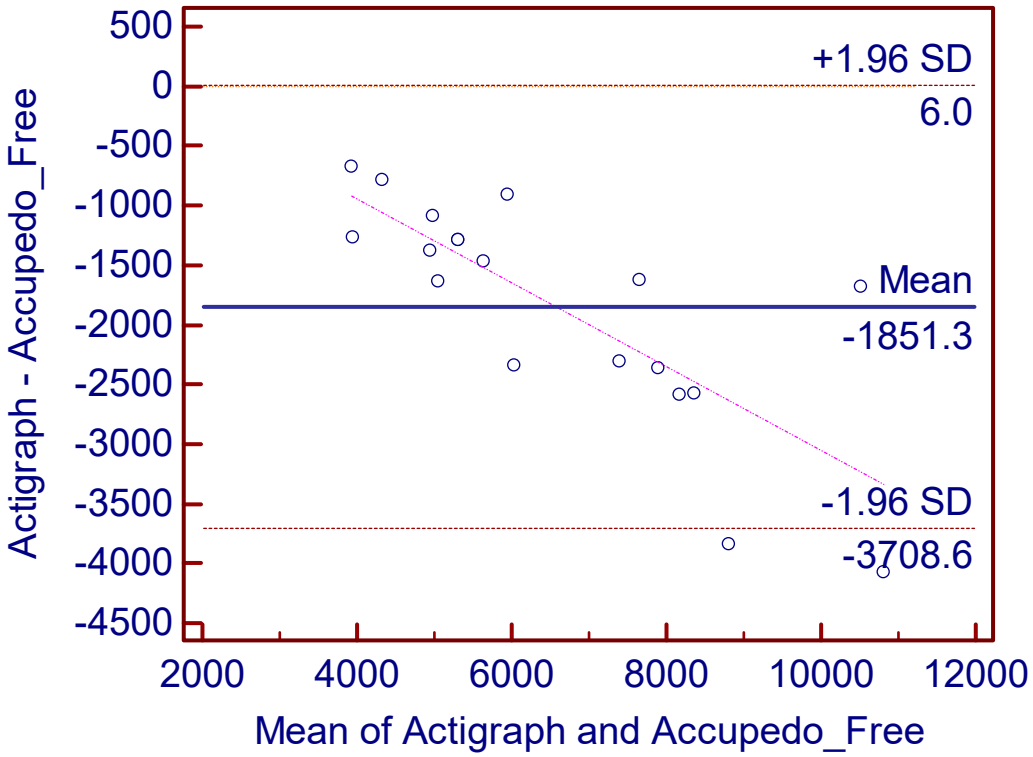


Figure S9. Bland-Altman plot for *Accupedo Android* step estimates during the 3-day field study compared with criterion measure.

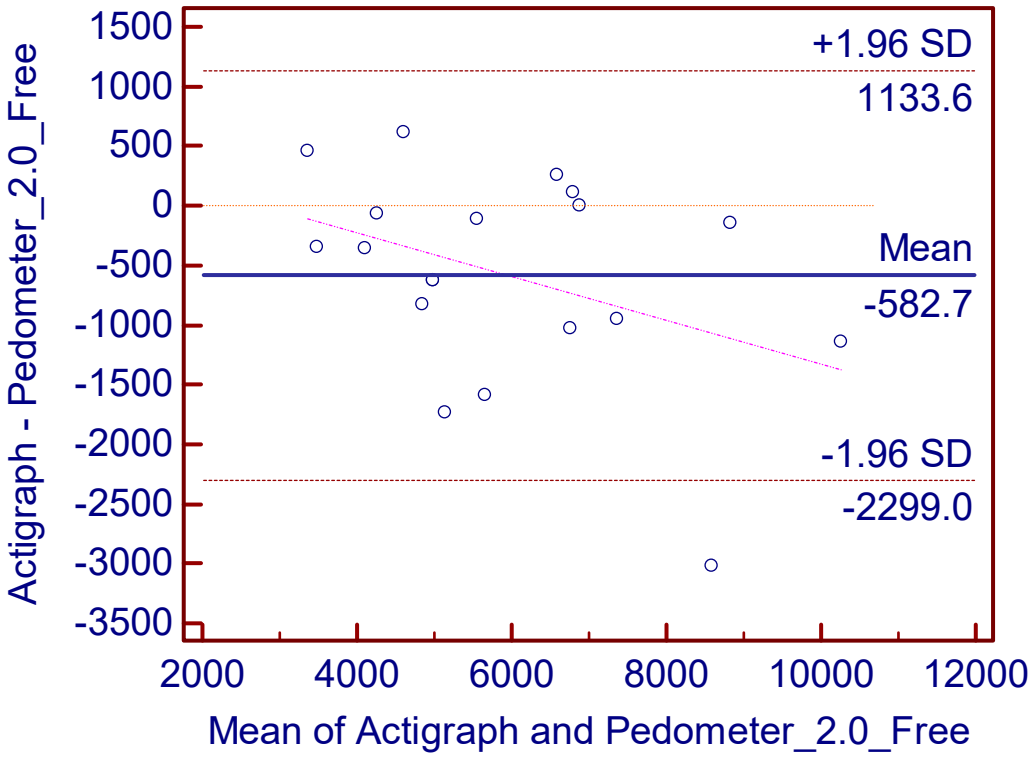


Figure S10. Bland-Altman plot for *Pedometer 2.0 Android* step estimates during the 3-day field study compared with criterion measure.