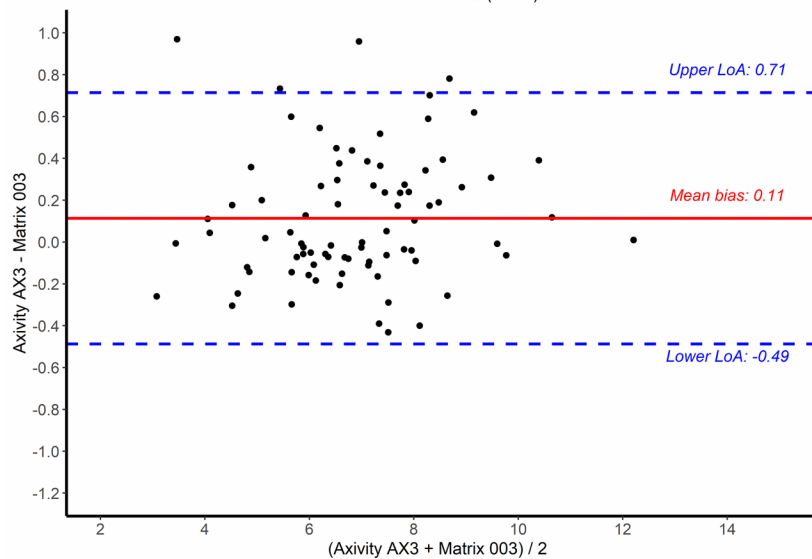


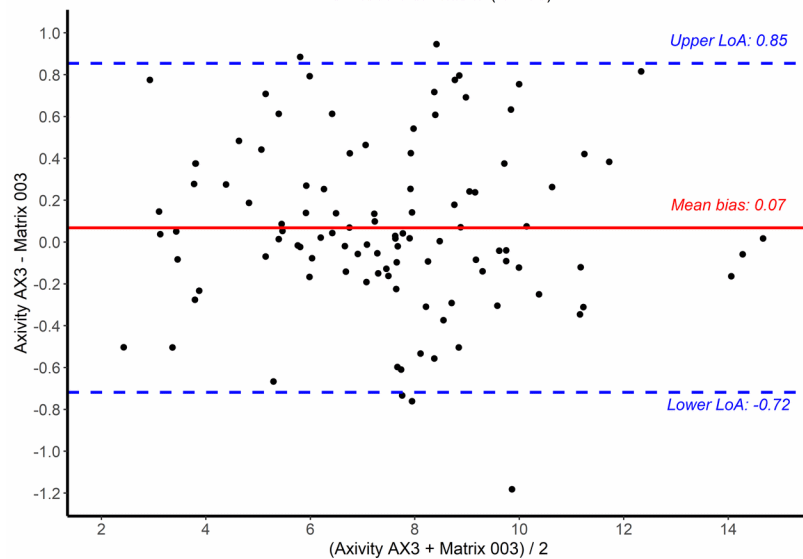
Time above 25 mg (hours/day)

British older adults (N=82)



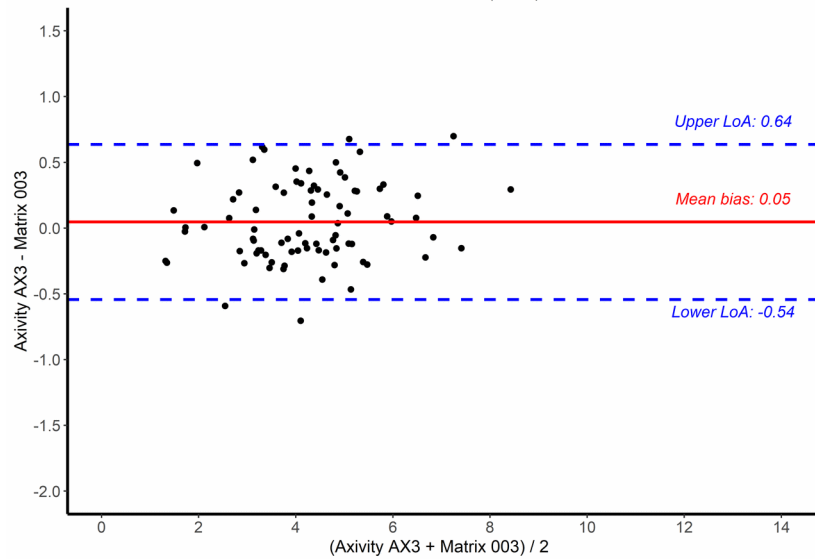
Time above 25 mg (hours/day)

Chinese older adults (N=106)



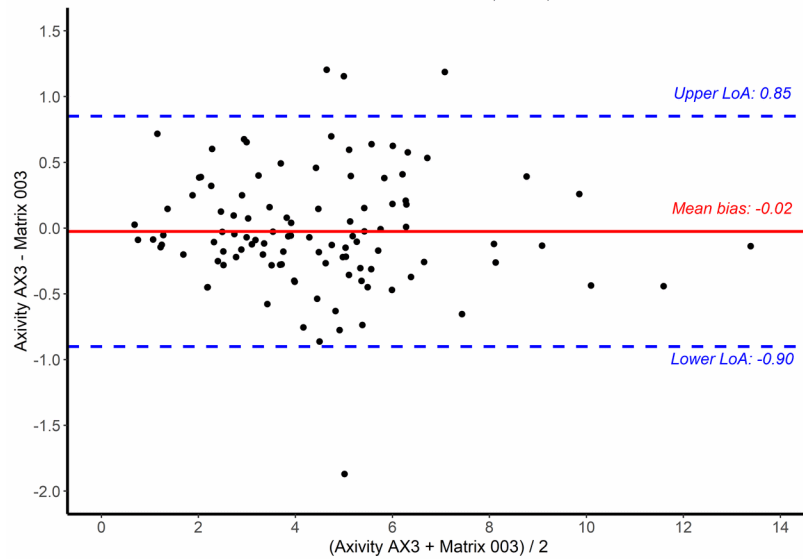
Time above 50 mg (hours/day)

British older adults (N=82)



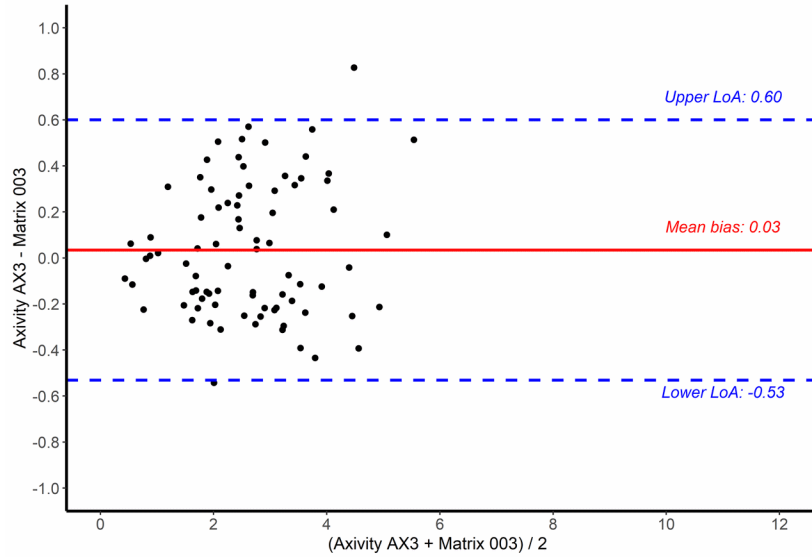
Time above 50 mg (hours/day)

Chinese older adults (N=106)



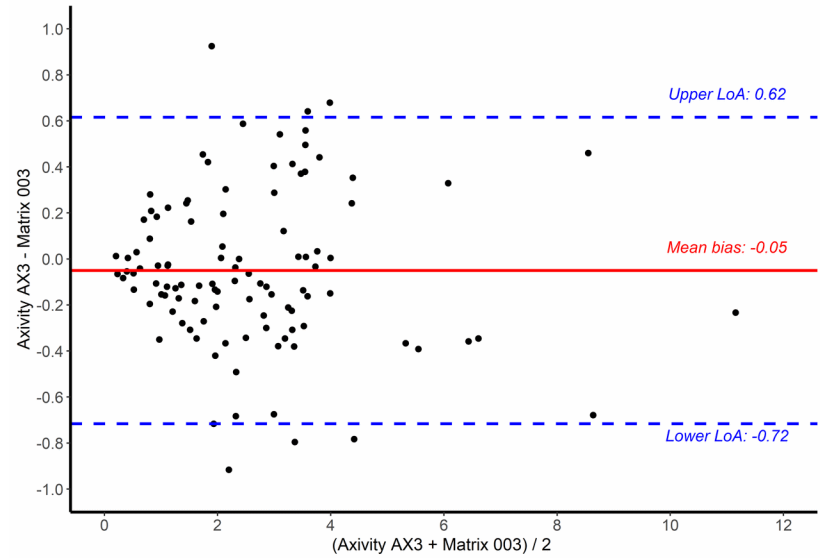
Time above 75 mg (hours/day)

British older adults (N=82)



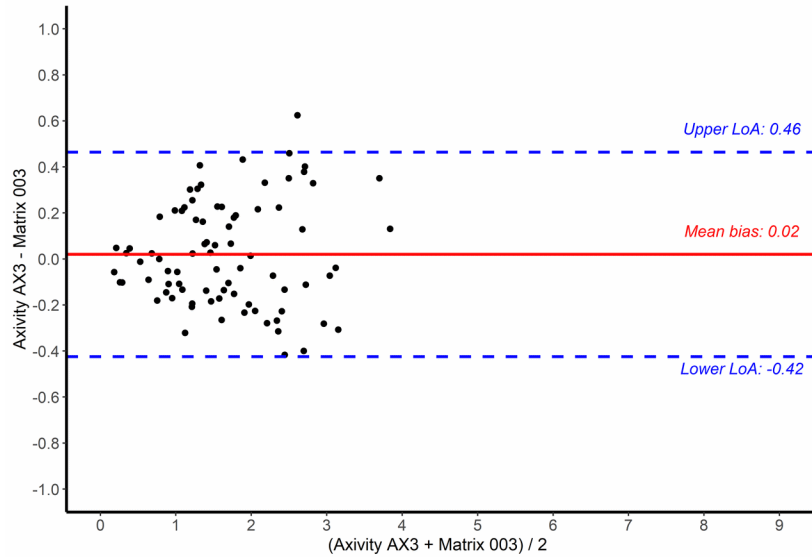
Time above 75 mg (hours/day)

Chinese older adults (N=106)



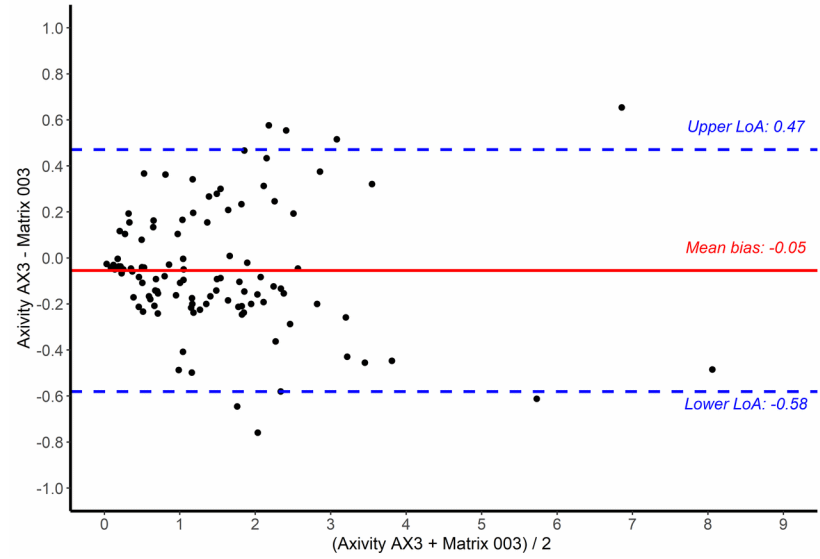
Time above 100 mg (hours/day)

British older adults (N=82)



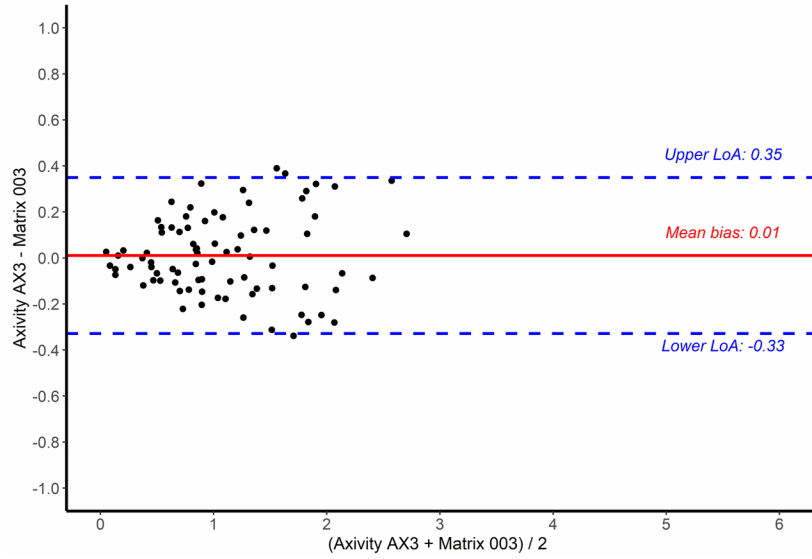
Time above 100 mg (hours/day)

Chinese older adults (N=106)



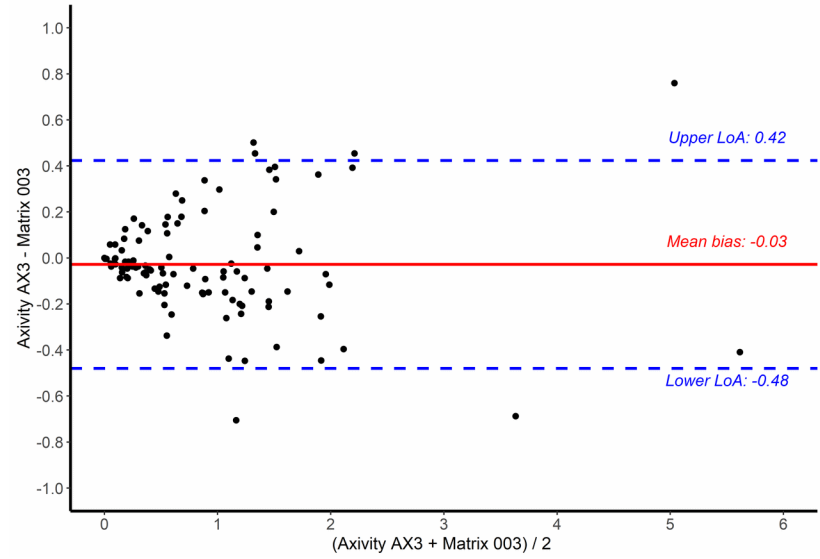
Time above 125 mg (hours/day)

British older adults (N=82)



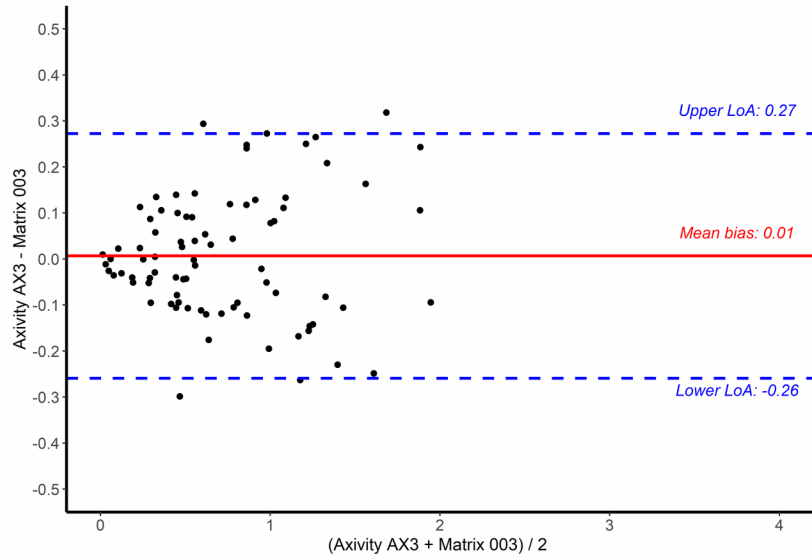
Time above 125 mg (hours/day)

Chinese older adults (N=106)



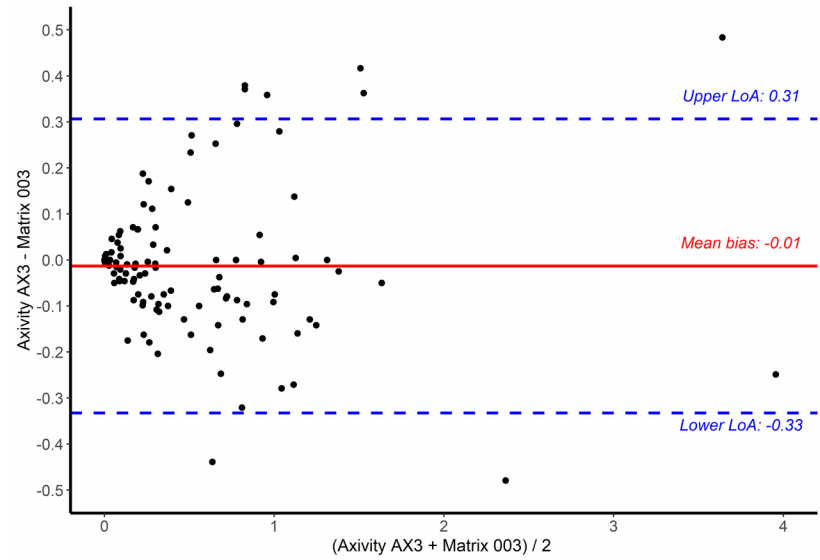
Time above 150 mg (hours/day)

British older adults (N=82)



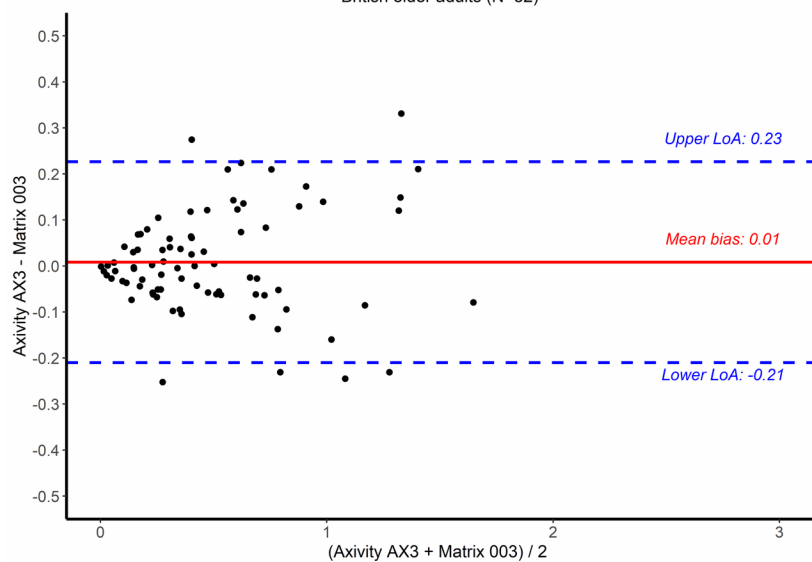
Time above 150 mg (hours/day)

Chinese older adults (N=106)



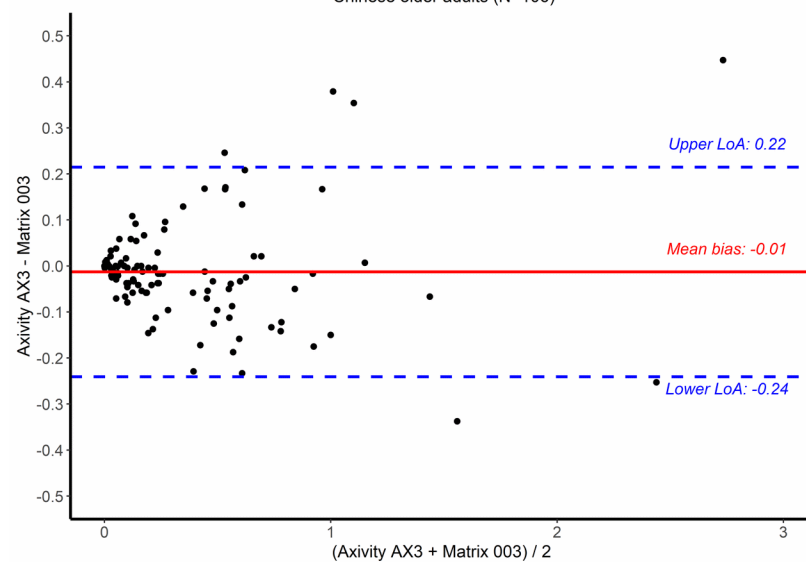
Time above 175 mg (hours/day)

British older adults (N=82)



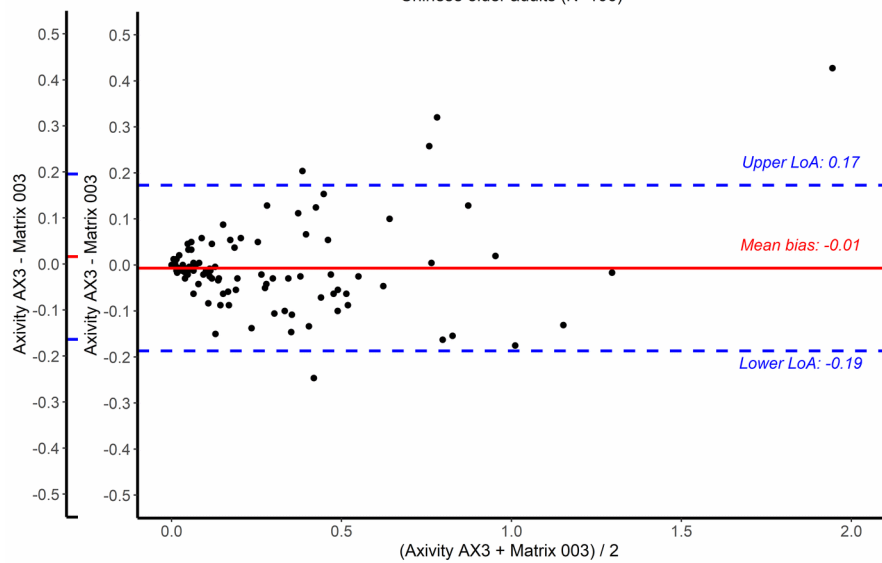
Time above 175 mg (hours/day)

Chinese older adults (N=106)

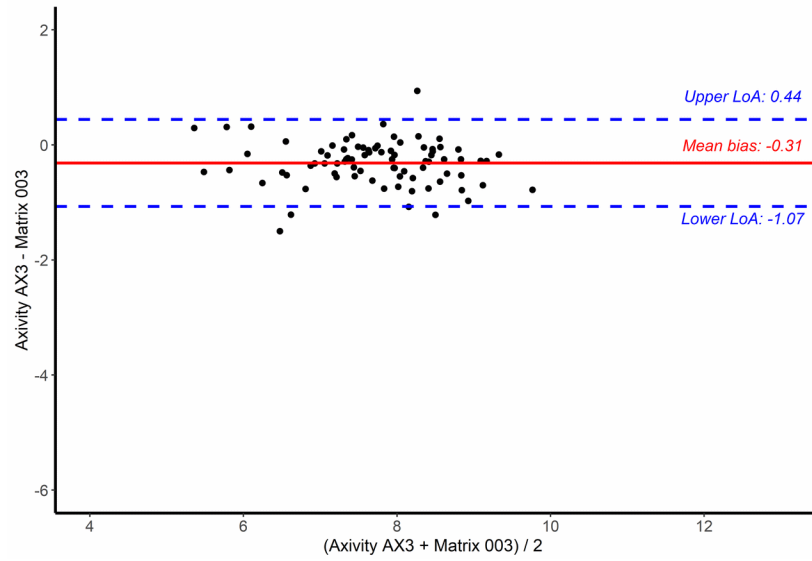


Time above 200 mg (hours/day)

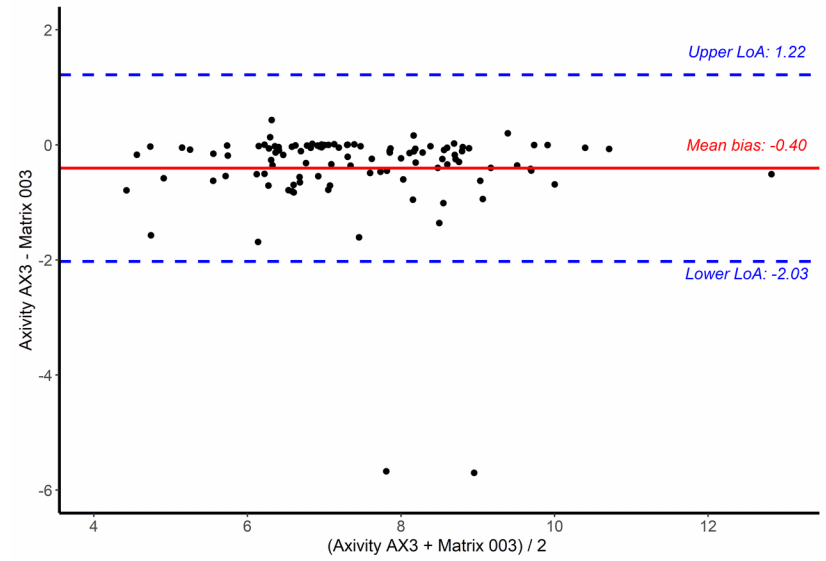
Chinese older adults (N=106)



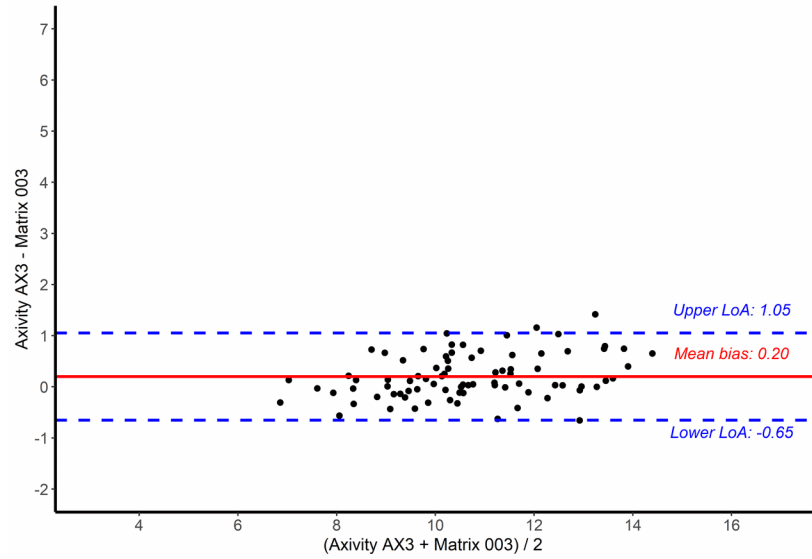
Time in bed (hours/day)
British older adults (N=82)



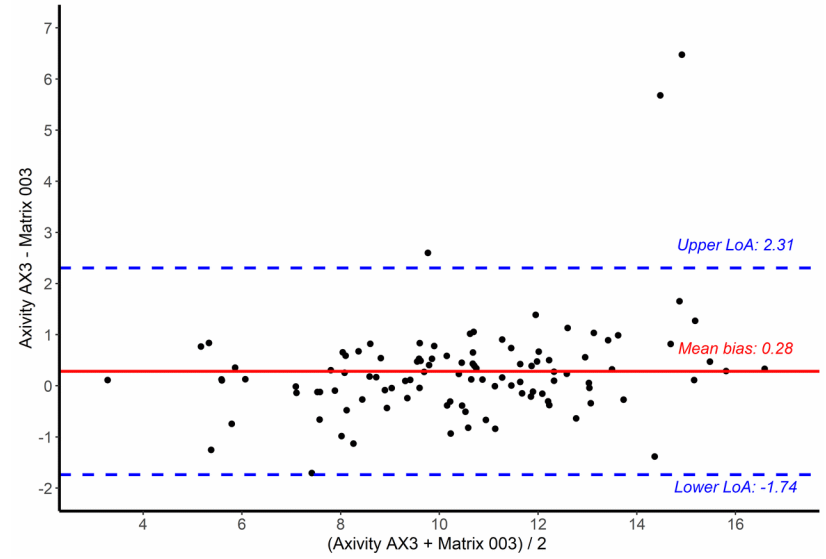
Time in bed (hours/day)
Chinese older adults (N=106)



Sedentary behaviour (hours/day)
British older adults (N=82)

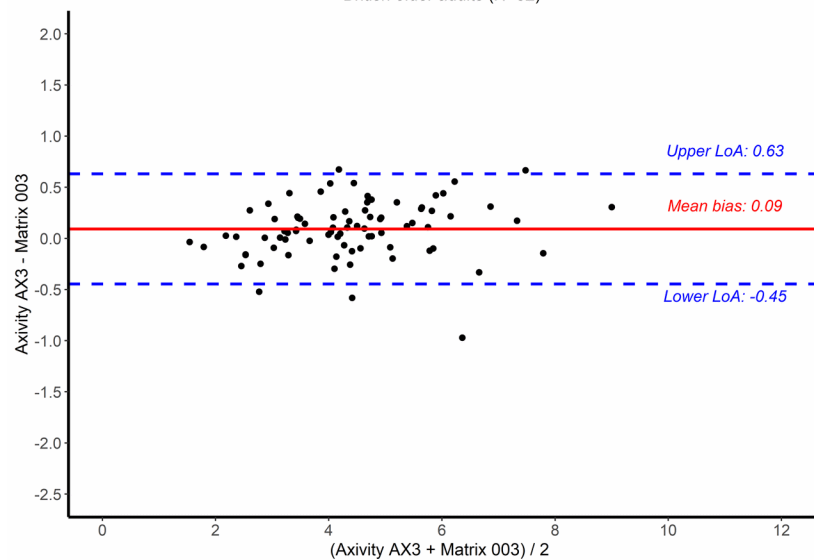


Sedentary behaviour (hours/day)
Chinese older adults (N=106)



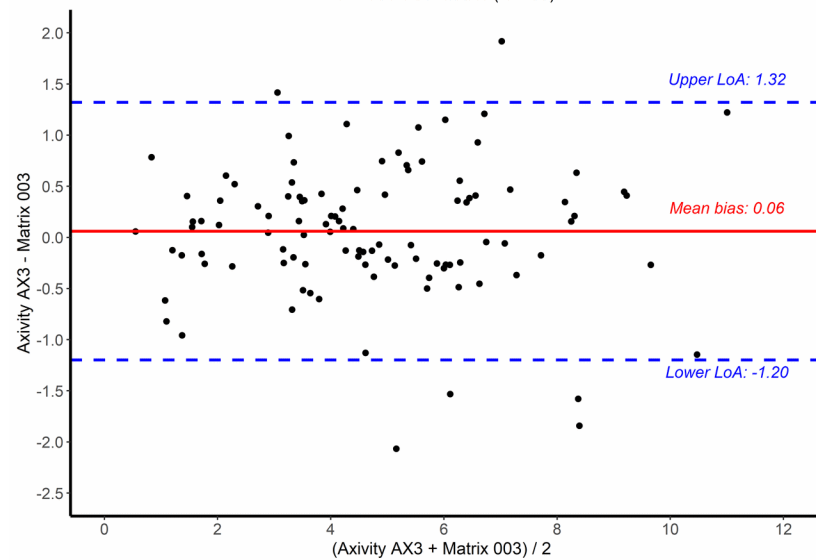
Light physical activity (hours/day)

British older adults (N=82)



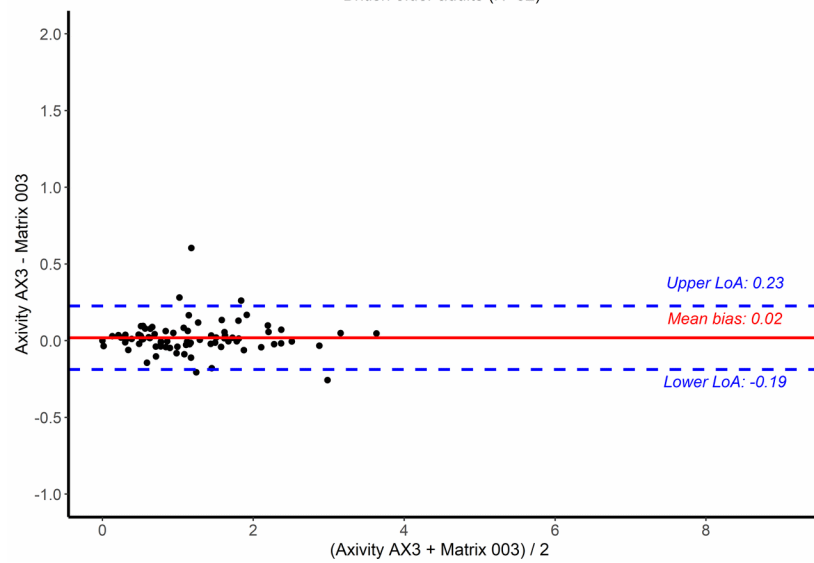
Light physical activity (hours/day)

Chinese older adults (N=106)



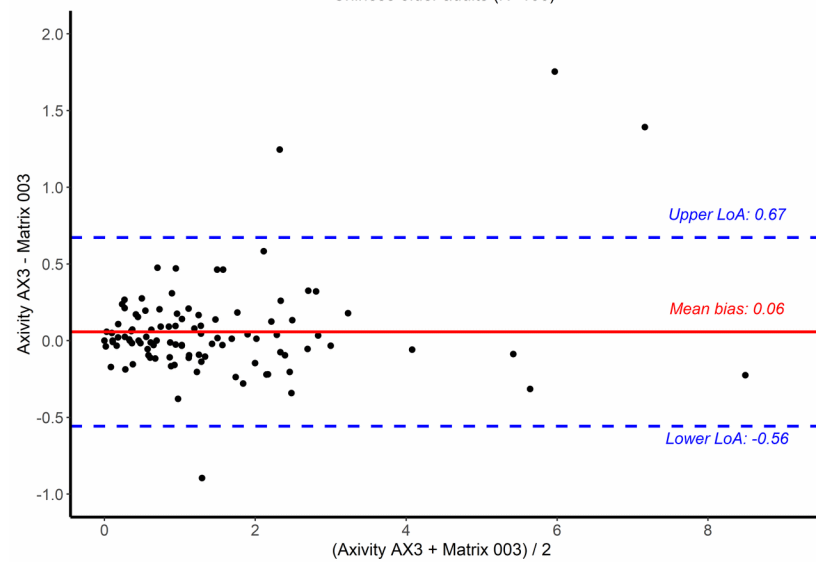
Moderate-vigorous physical activity (hours/day)

British older adults (N=82)



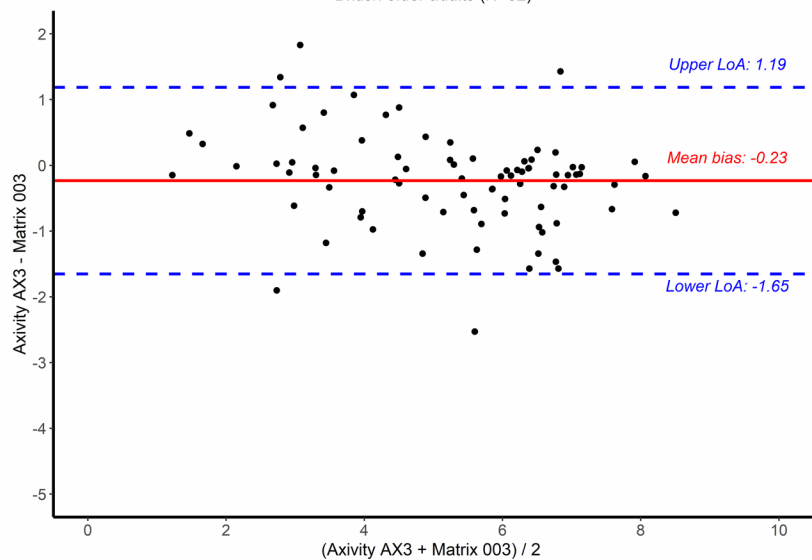
Moderate-vigorous physical activity (hours/day)

Chinese older adults (N=106)



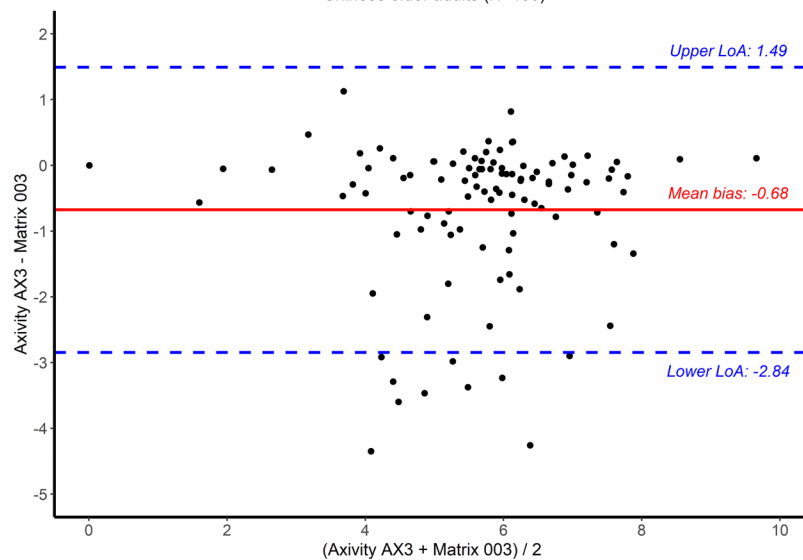
Overnight sleep duration (hours/night)

British older adults (N=82)



Overnight sleep duration (hours/night)

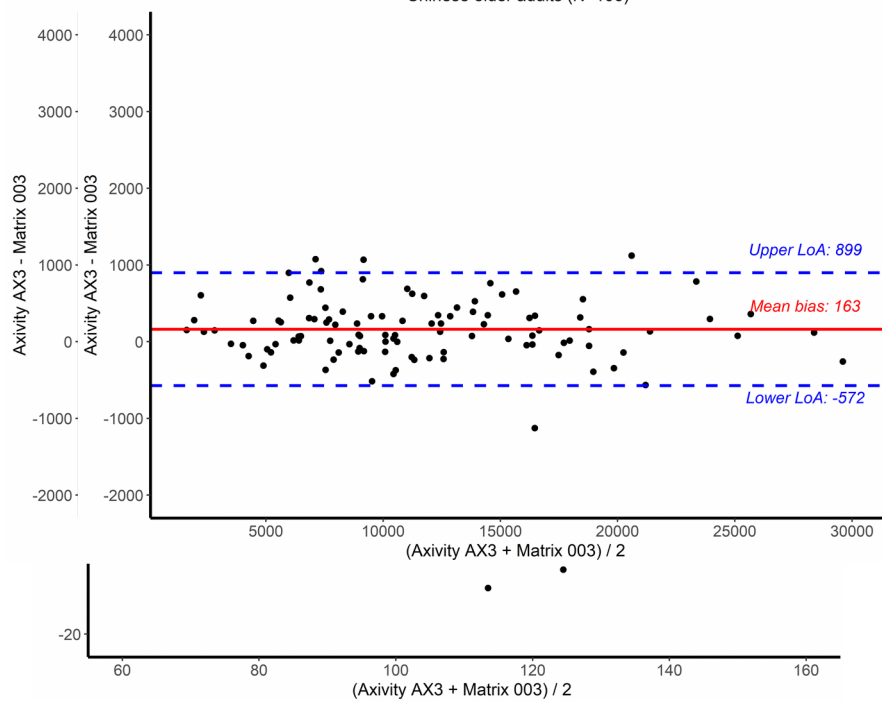
Chinese older adults (N=106)



Sleep efficiency (%) Overall daily step count (steps/day)

Chinese older adults (N=106)

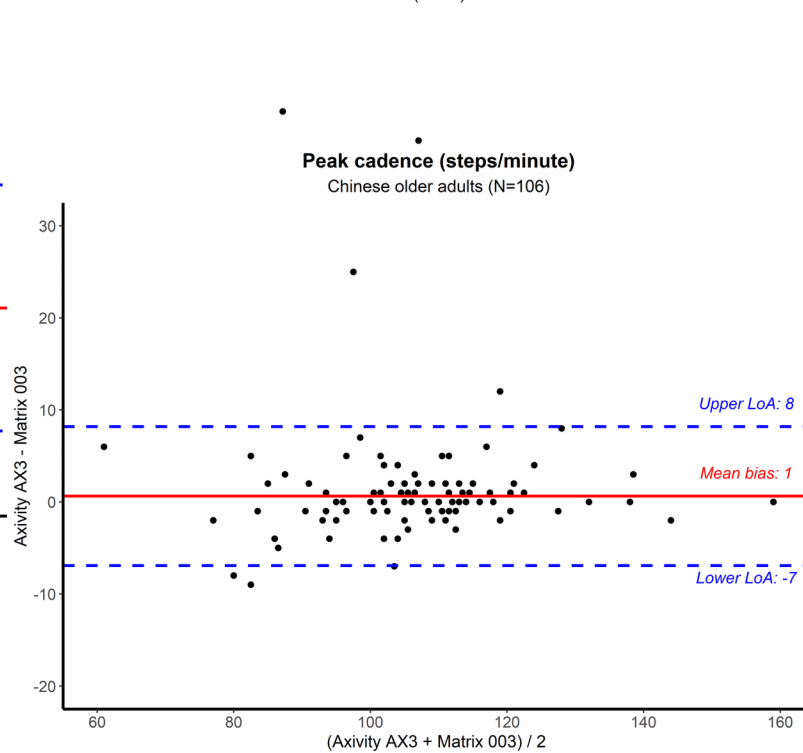
Chinese older adults (N=106)



Sleep efficiency (%) Peak cadence (steps/minute)

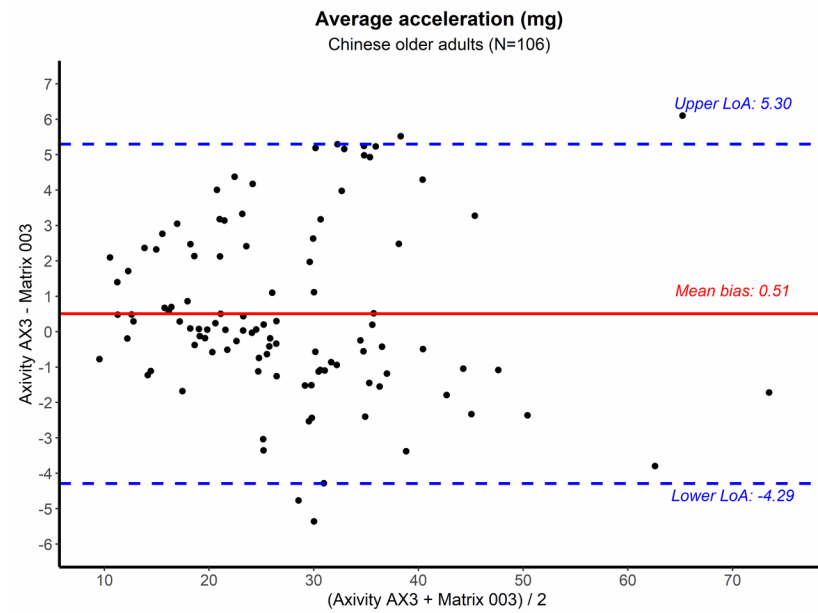
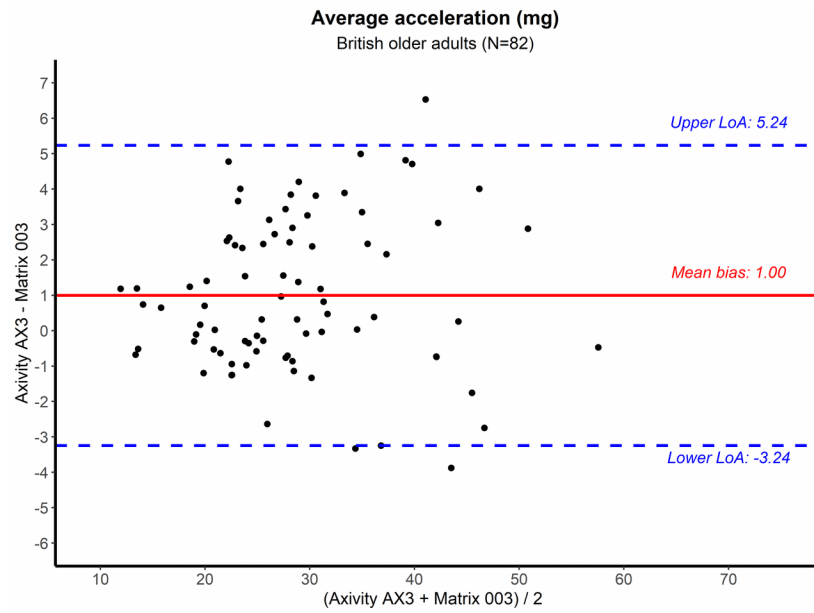
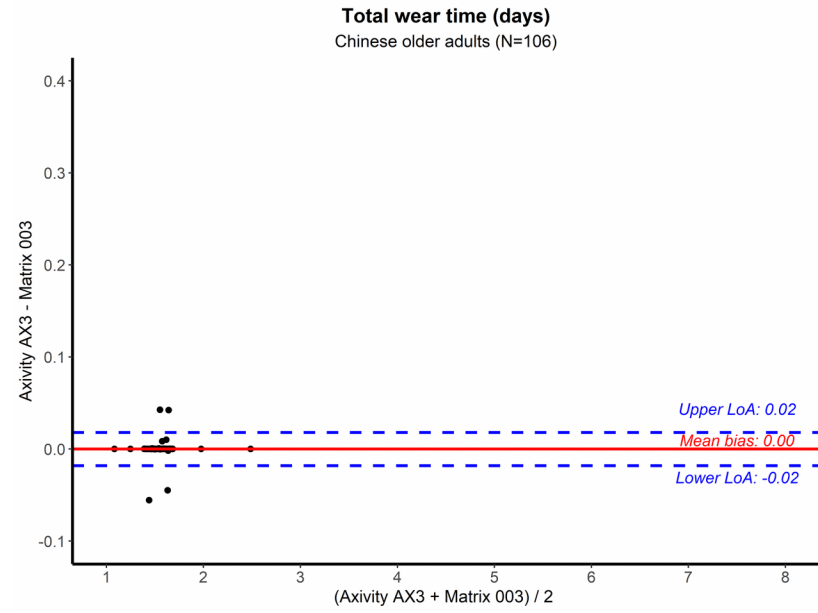
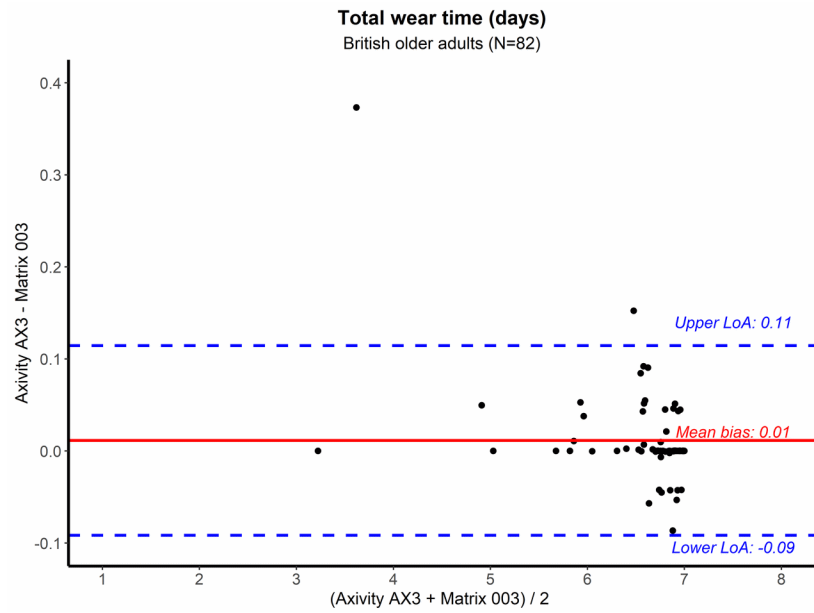
British older adults (N=82)

Chinese older adults (N=106)



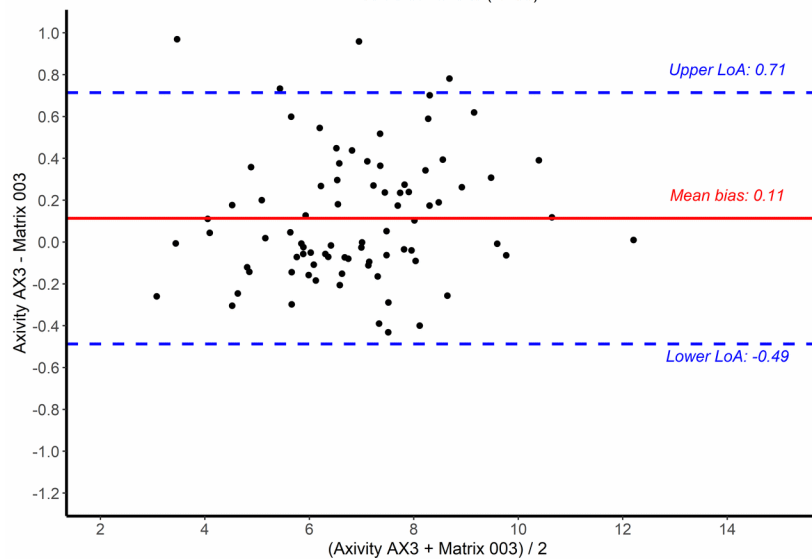
Supplementary Figure S2. Bland-Altman plots for the physical activity and sleep outcomes by nationality.

LoA, 95% limits of agreement.



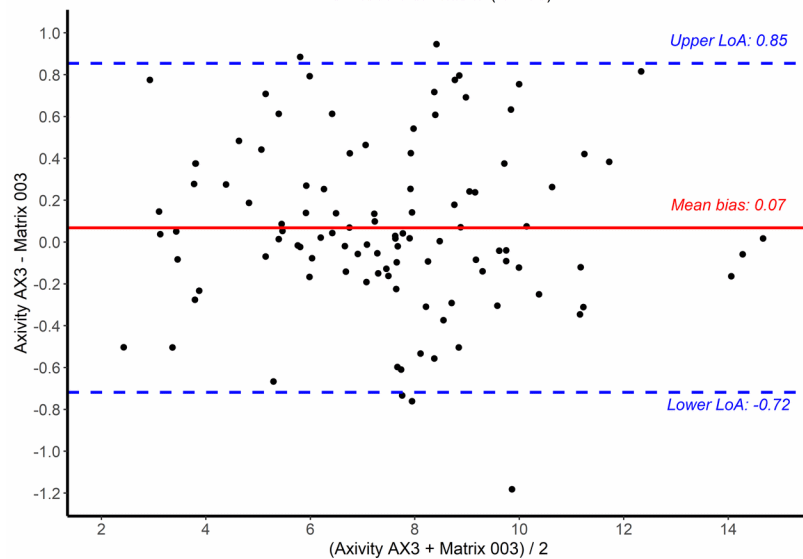
Time above 25 mg (hours/day)

British older adults (N=82)



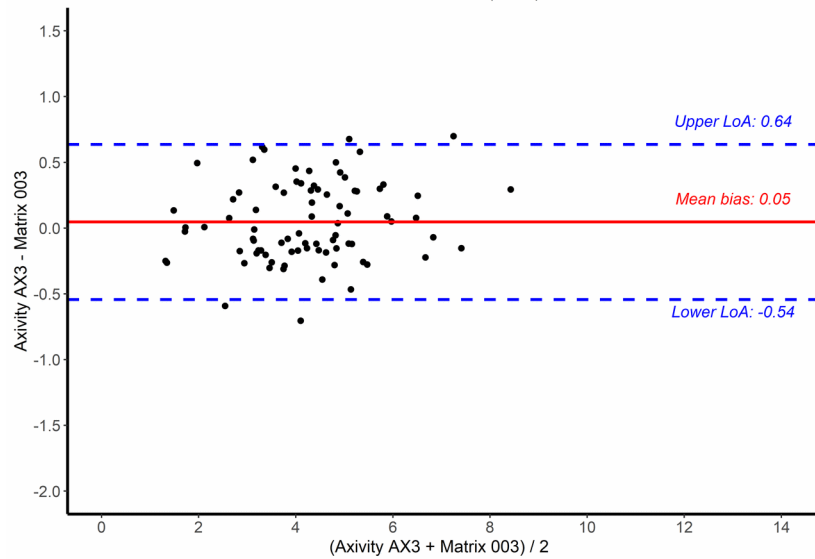
Time above 25 mg (hours/day)

Chinese older adults (N=106)



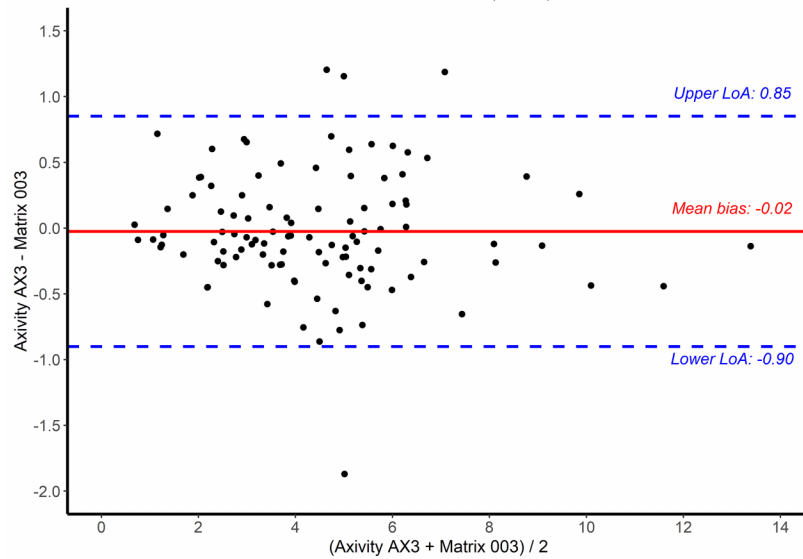
Time above 50 mg (hours/day)

British older adults (N=82)



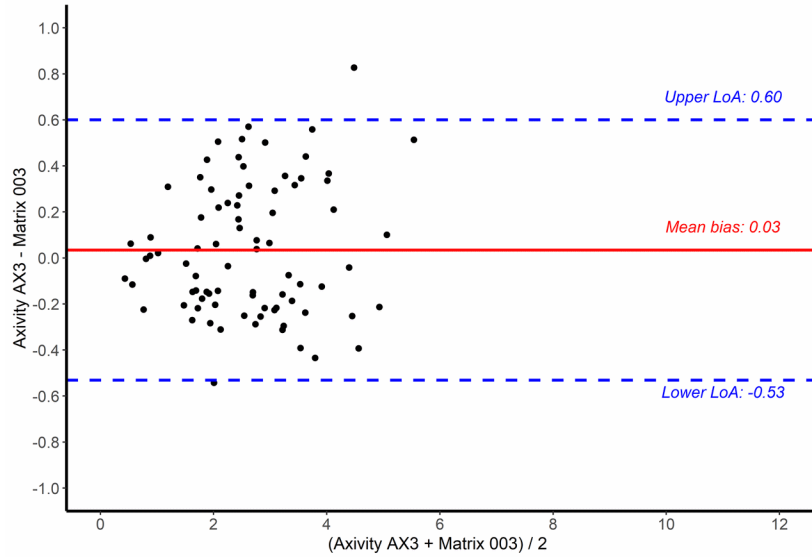
Time above 50 mg (hours/day)

Chinese older adults (N=106)



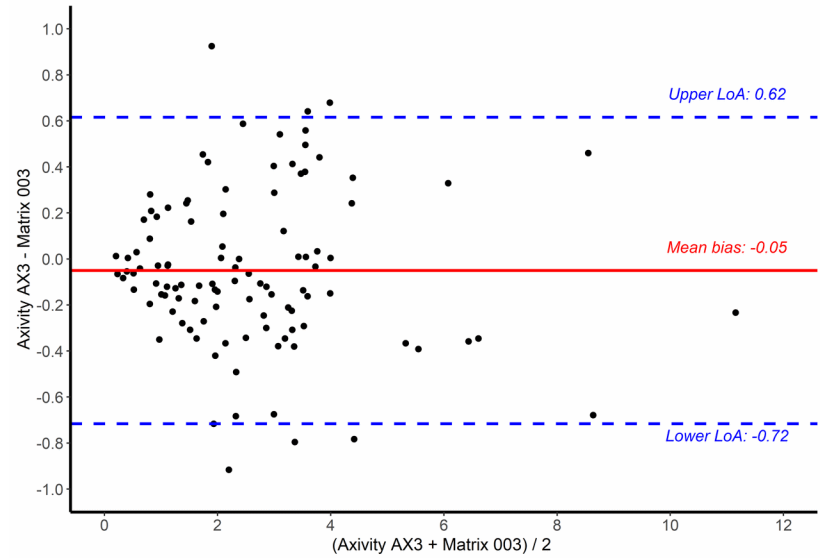
Time above 75 mg (hours/day)

British older adults (N=82)



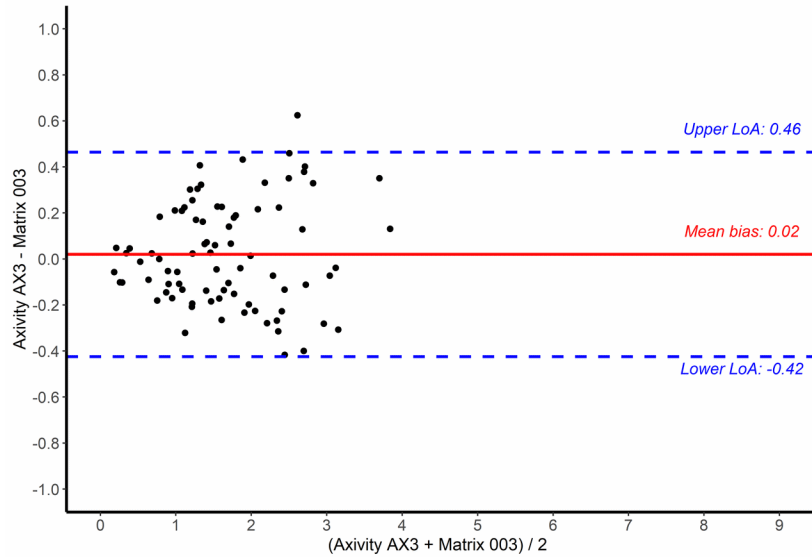
Time above 75 mg (hours/day)

Chinese older adults (N=106)



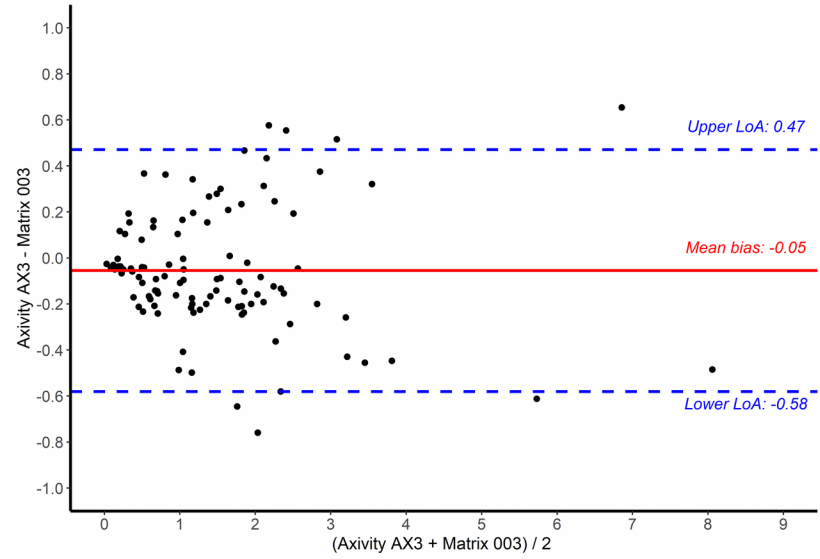
Time above 100 mg (hours/day)

British older adults (N=82)



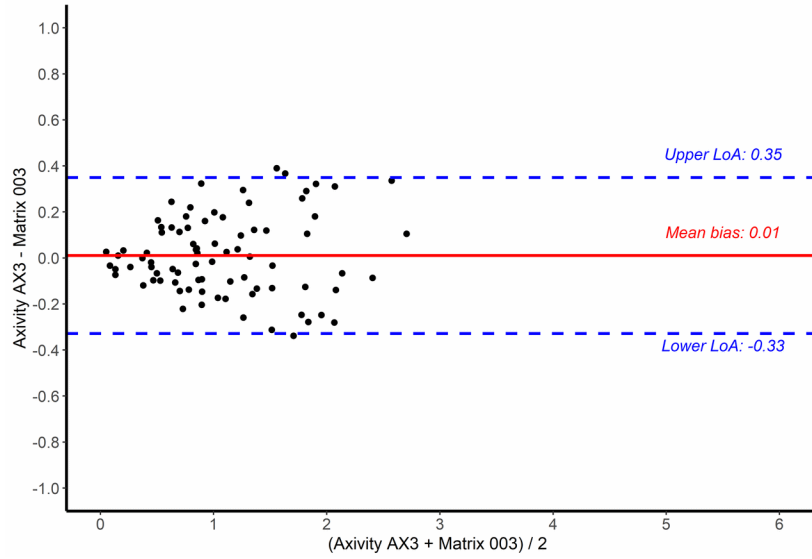
Time above 100 mg (hours/day)

Chinese older adults (N=106)



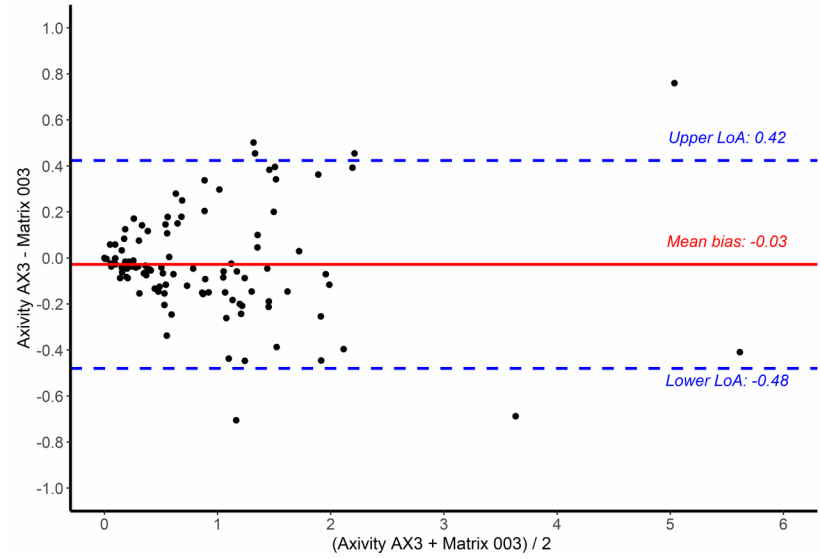
Time above 125 mg (hours/day)

British older adults (N=82)



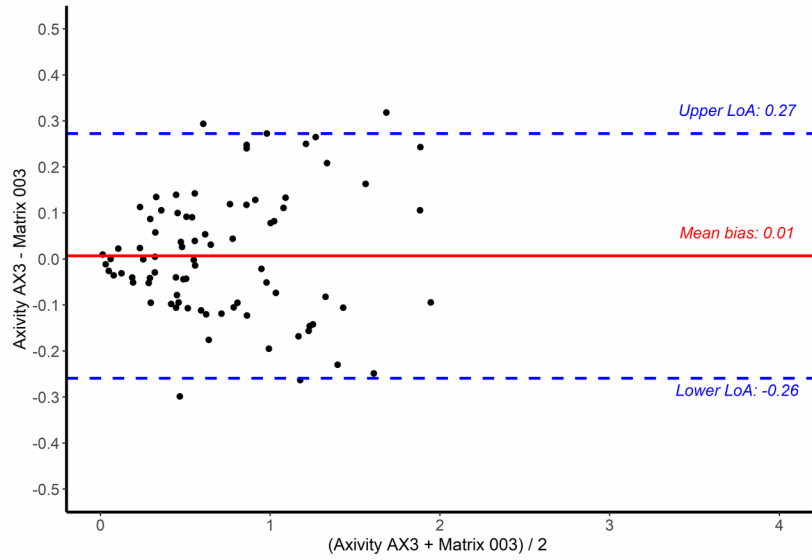
Time above 125 mg (hours/day)

Chinese older adults (N=106)



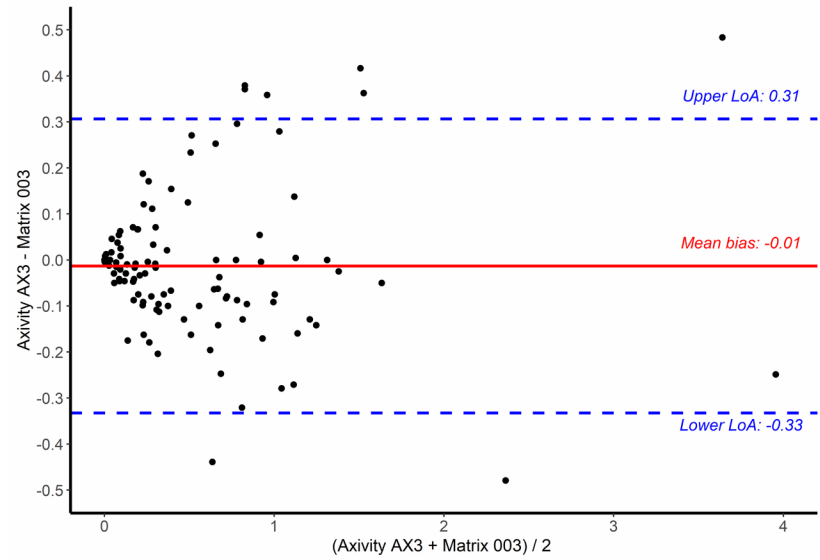
Time above 150 mg (hours/day)

British older adults (N=82)



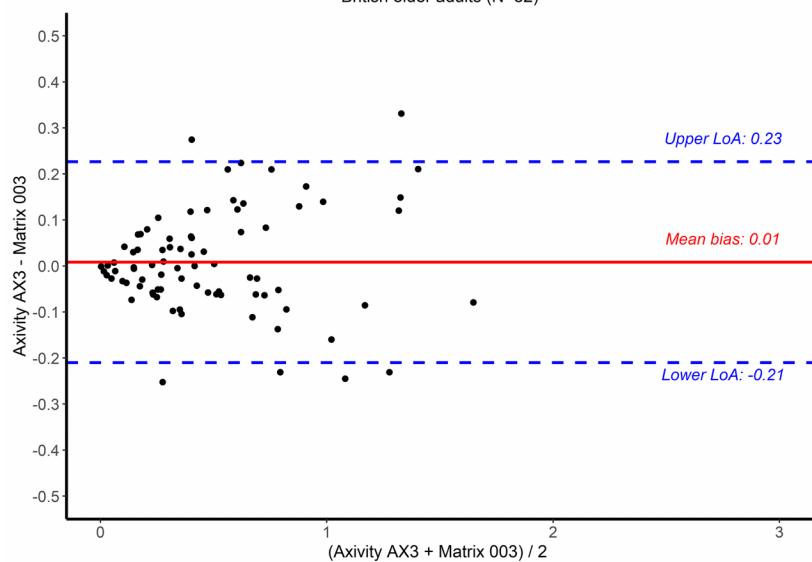
Time above 150 mg (hours/day)

Chinese older adults (N=106)



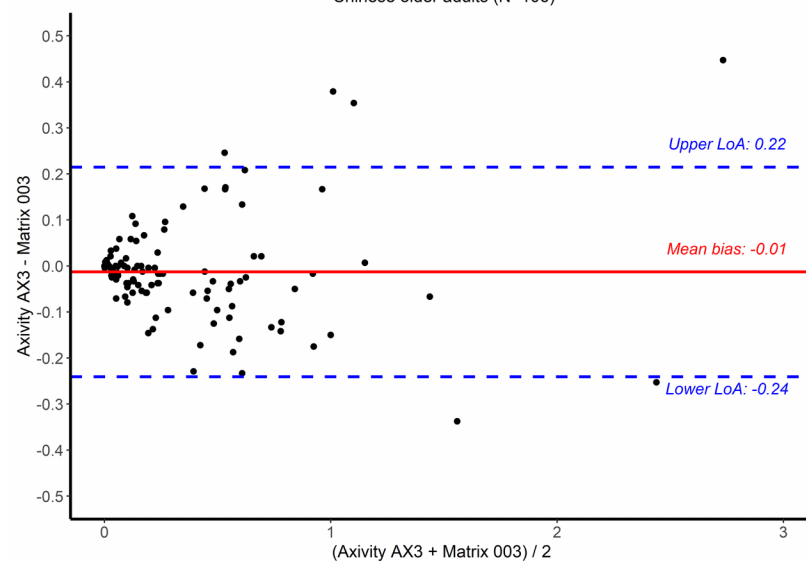
Time above 175 mg (hours/day)

British older adults (N=82)



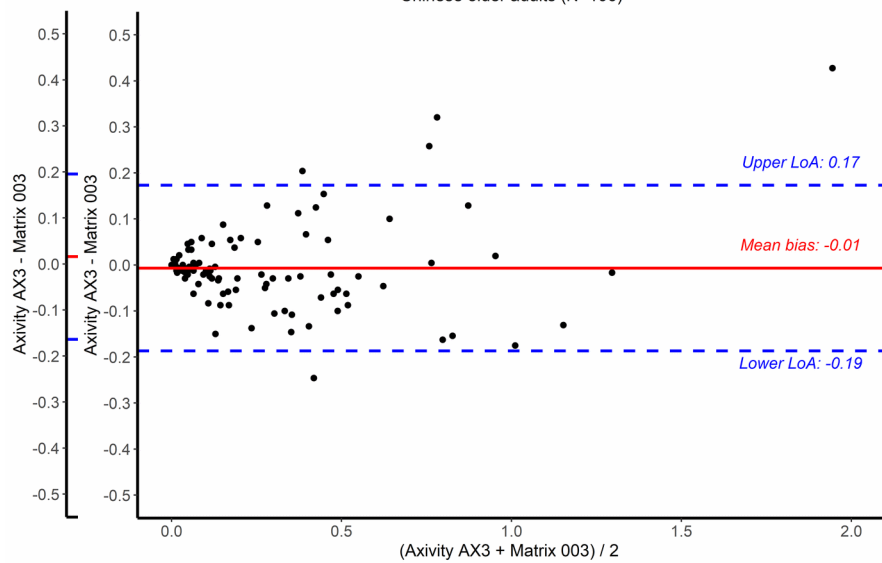
Time above 175 mg (hours/day)

Chinese older adults (N=106)



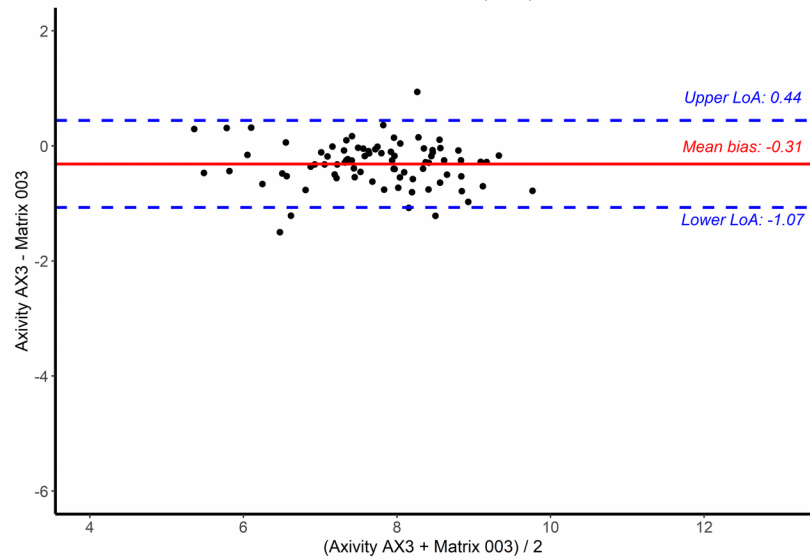
Time above 200 mg (hours/day)

Chinese older adults (N=106)



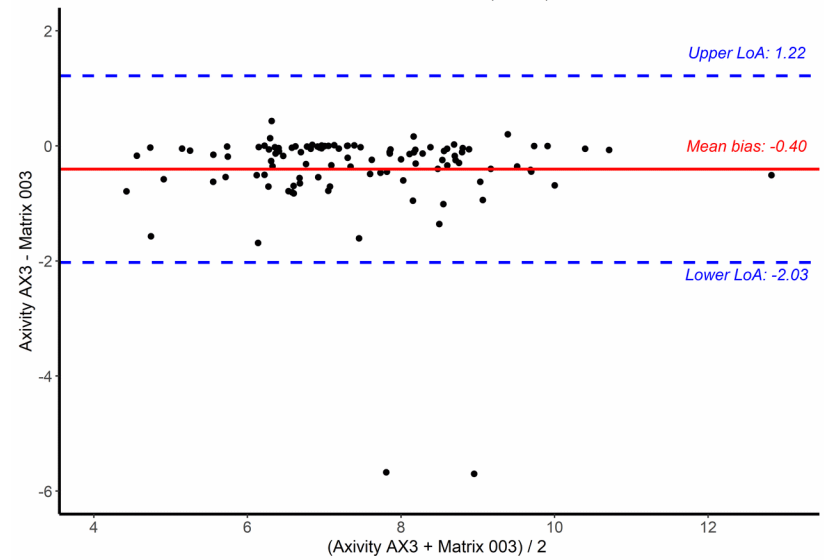
Time in bed (hours/day)

British older adults (N=82)



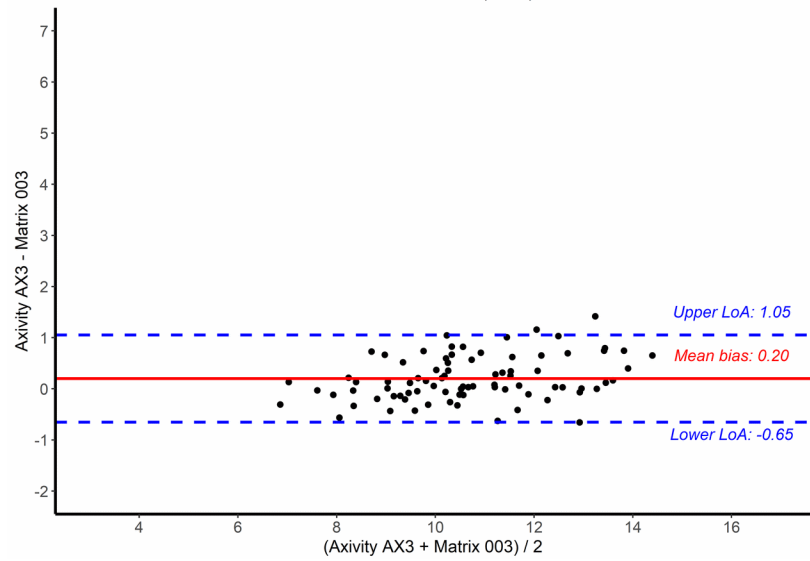
Time in bed (hours/day)

Chinese older adults (N=106)



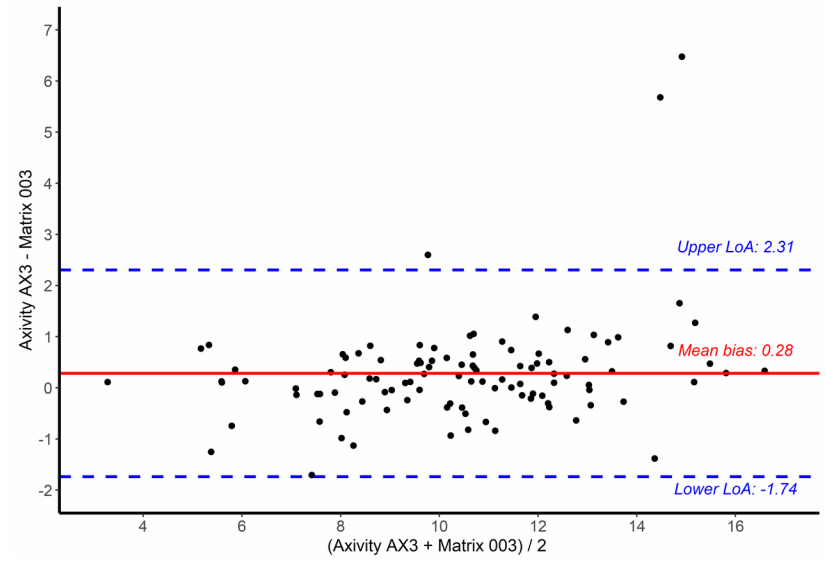
Sedentary behaviour (hours/day)

British older adults (N=82)



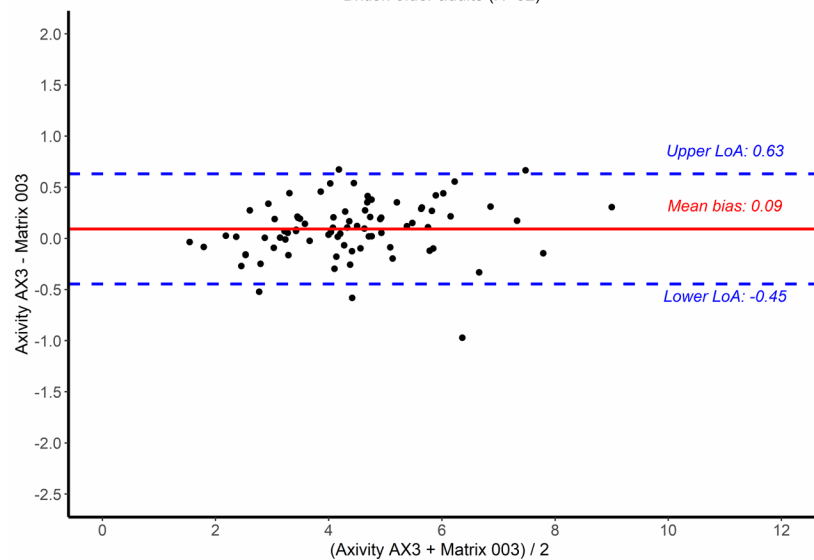
Sedentary behaviour (hours/day)

Chinese older adults (N=106)



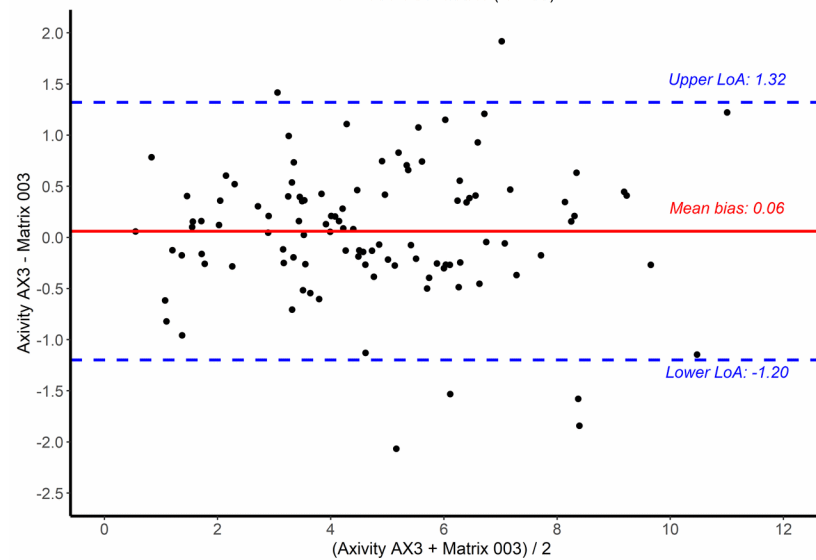
Light physical activity (hours/day)

British older adults (N=82)



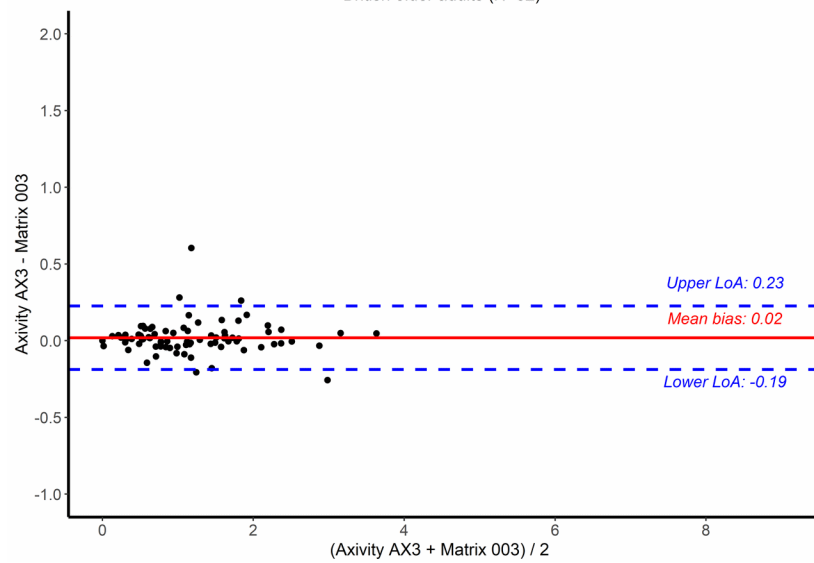
Light physical activity (hours/day)

Chinese older adults (N=106)



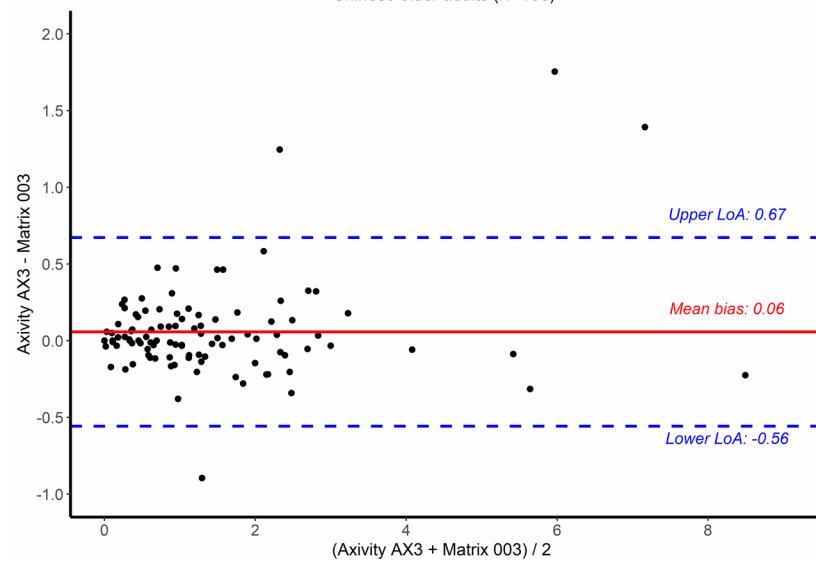
Moderate-vigorous physical activity (hours/day)

British older adults (N=82)



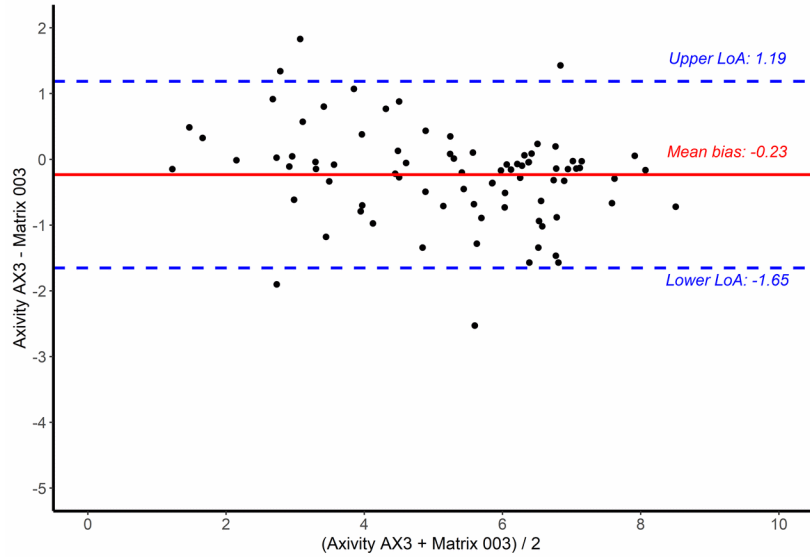
Moderate-vigorous physical activity (hours/day)

Chinese older adults (N=106)



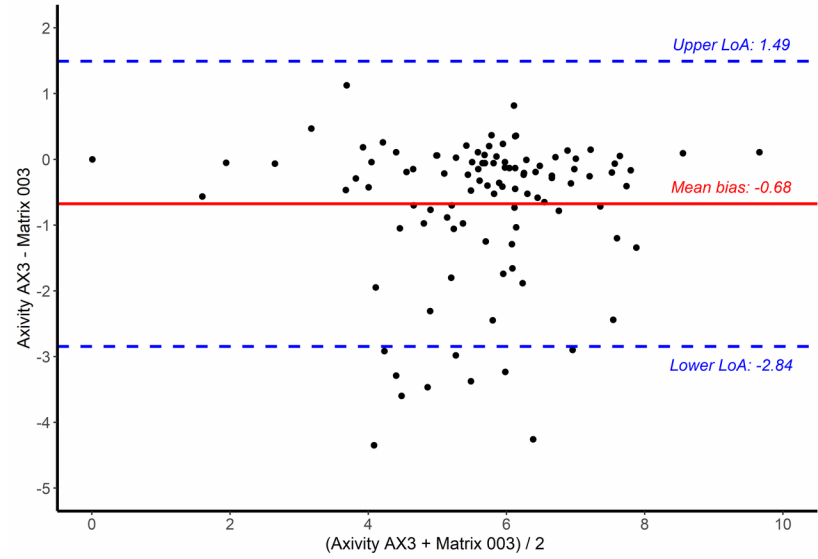
Overnight sleep duration (hours/night)

British older adults (N=82)



Overnight sleep duration (hours/night)

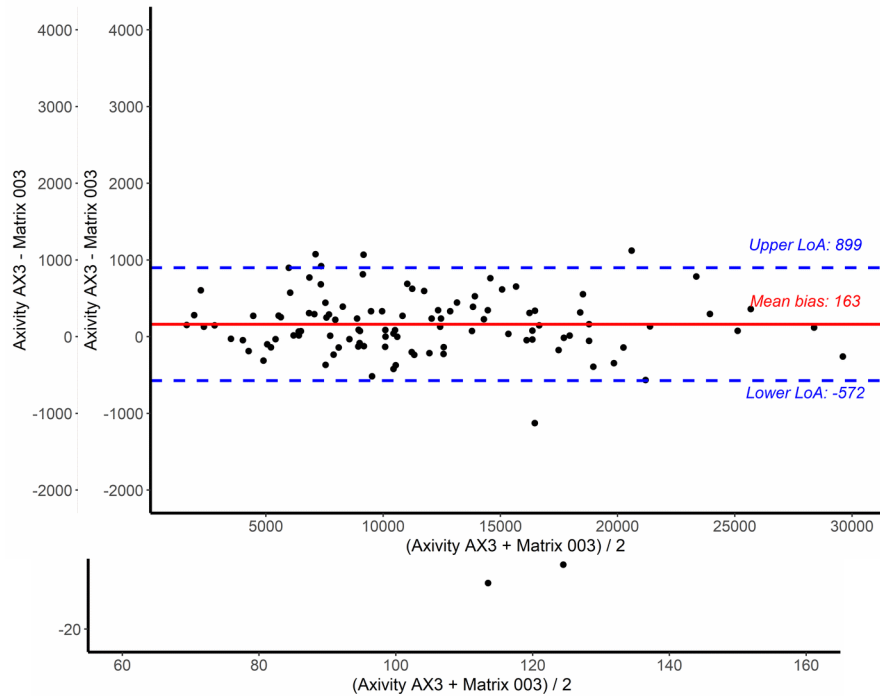
Chinese older adults (N=106)



Sleep efficiency (%) Overall daily step count (steps/day)

Chinese older adults (N=106)

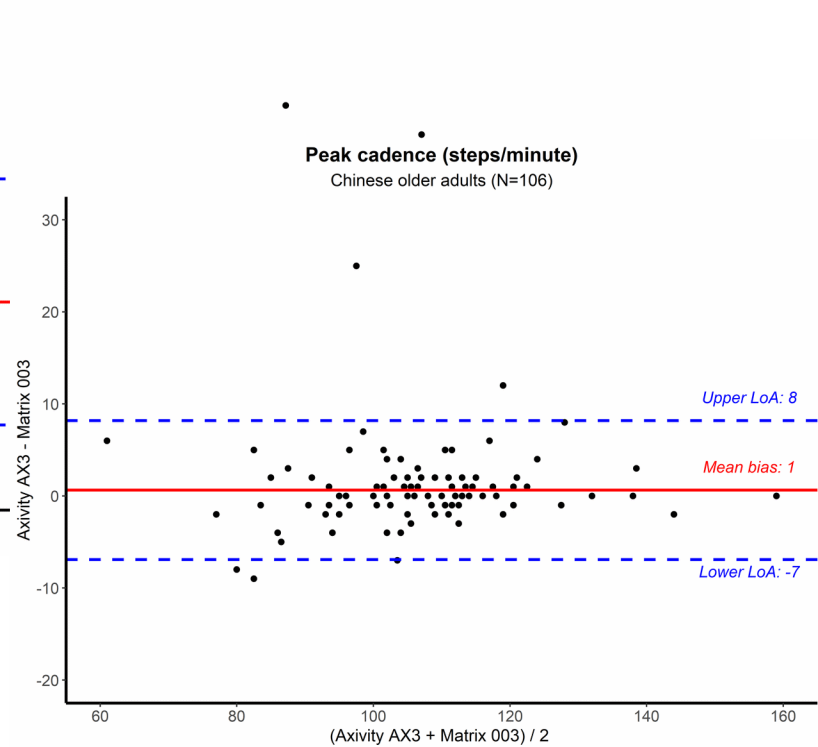
Chinese older adults (N=106)



Sleep efficiency (%) Peak cadence (steps/minute)

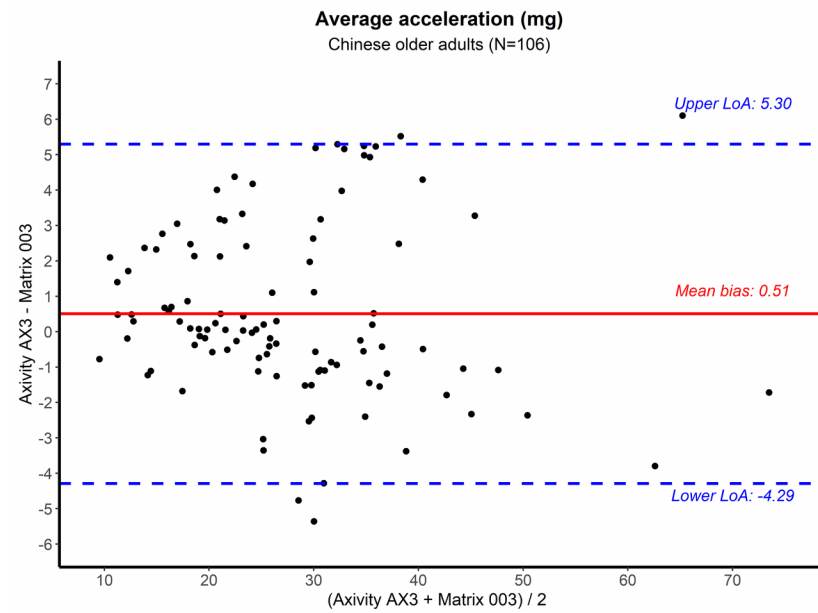
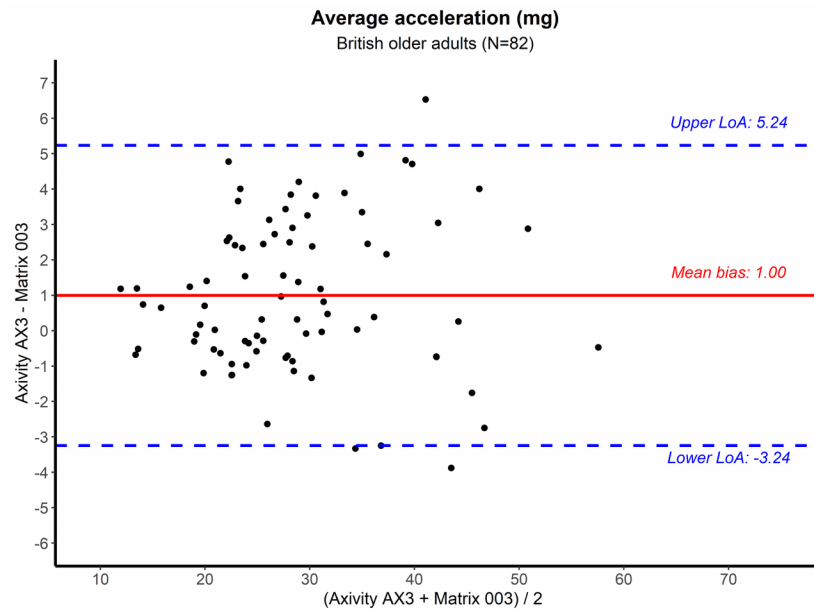
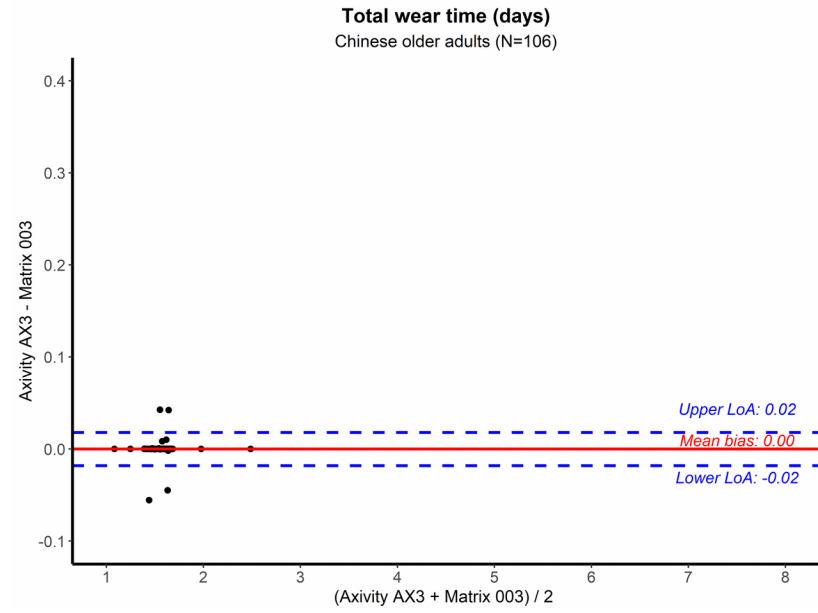
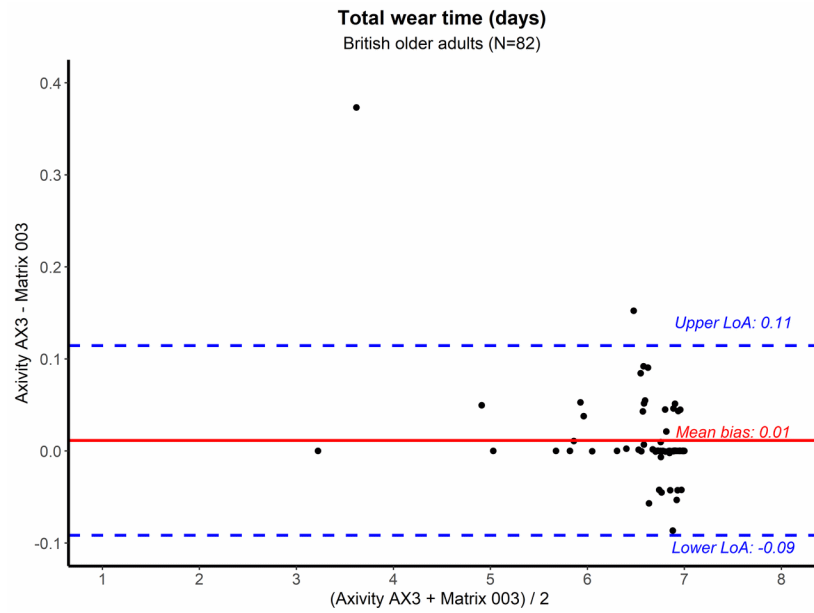
British older adults (N=82)

Chinese older adults (N=106)



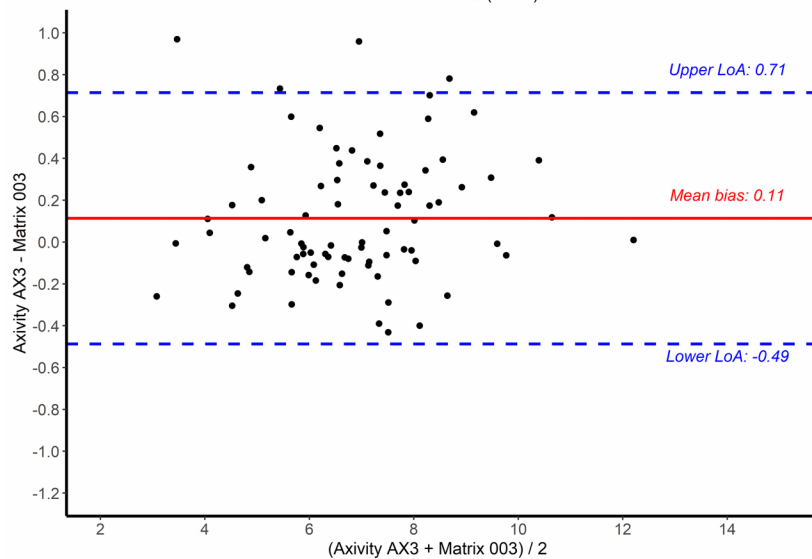
Supplementary Figure S2. Bland-Altman plots for the physical activity and sleep outcomes by nationality.

LoA, 95% limits of agreement.



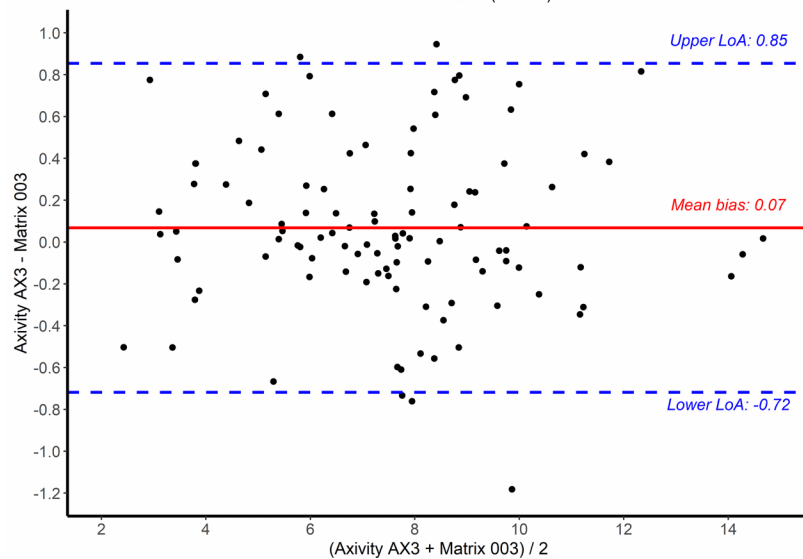
Time above 25 mg (hours/day)

British older adults (N=82)



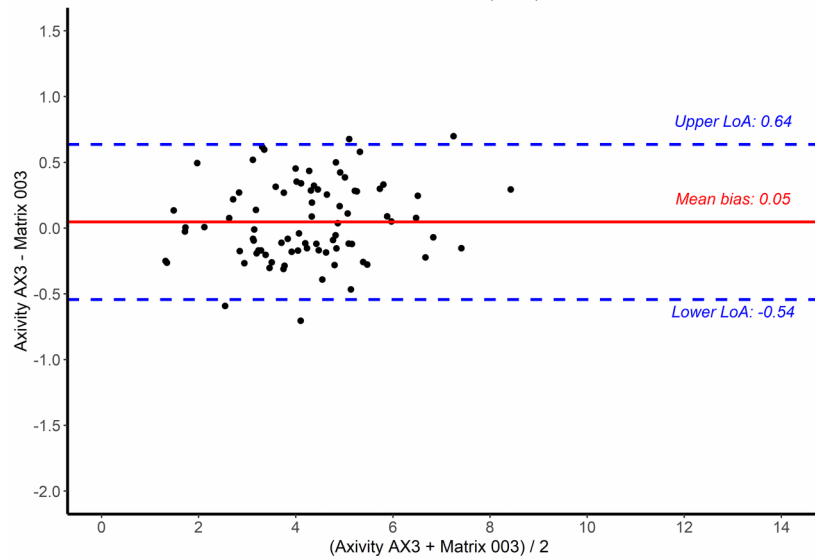
Time above 25 mg (hours/day)

Chinese older adults (N=106)



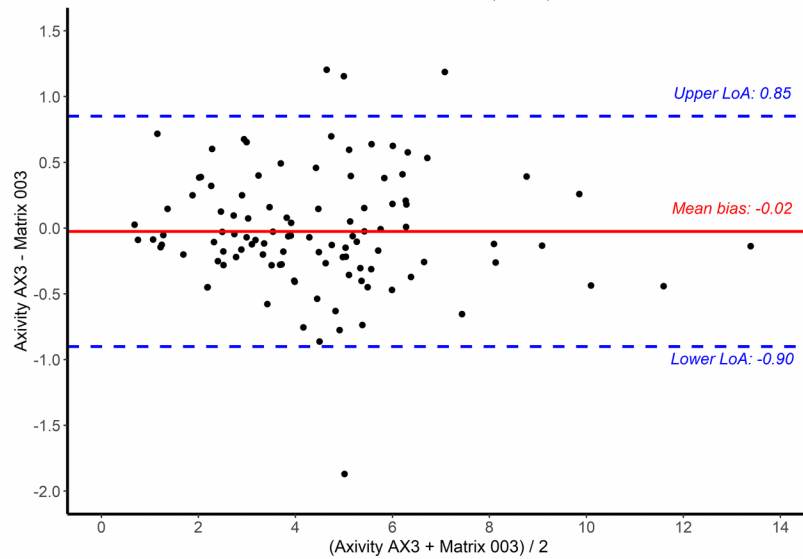
Time above 50 mg (hours/day)

British older adults (N=82)



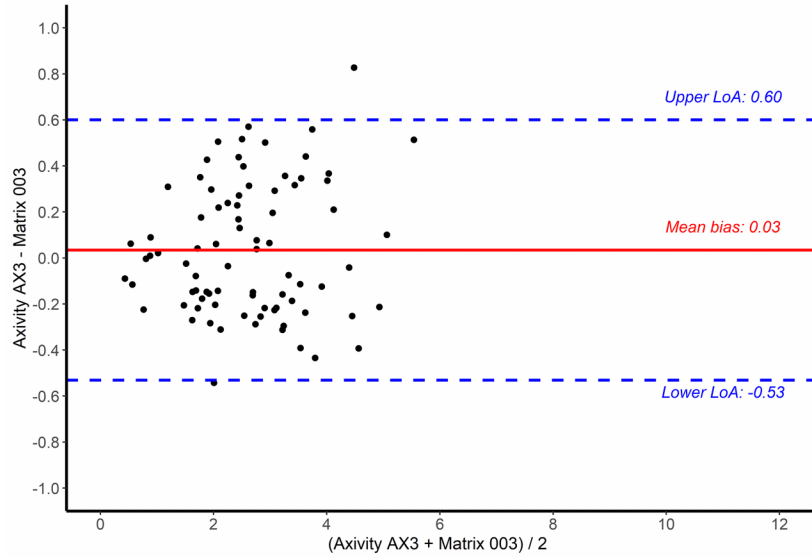
Time above 50 mg (hours/day)

Chinese older adults (N=106)



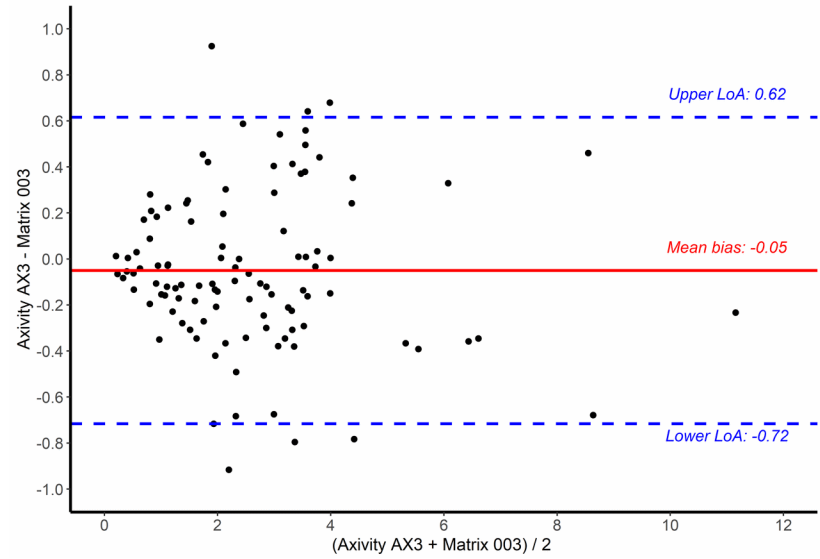
Time above 75 mg (hours/day)

British older adults (N=82)



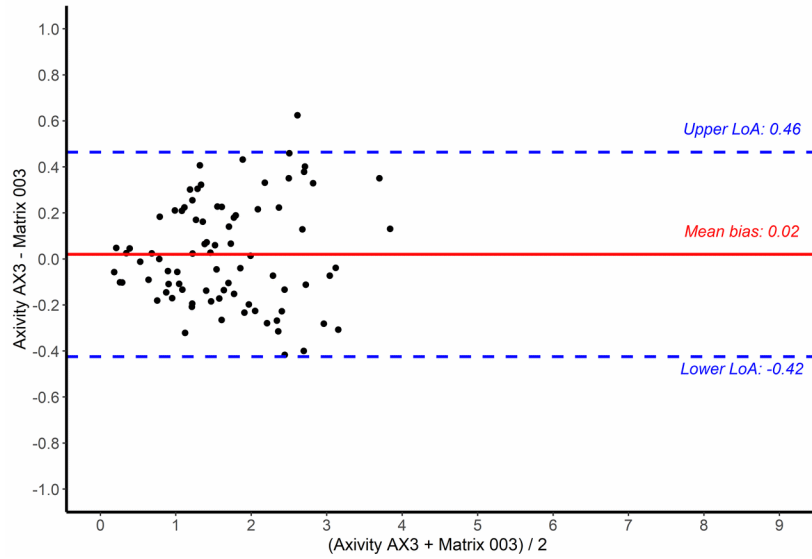
Time above 75 mg (hours/day)

Chinese older adults (N=106)



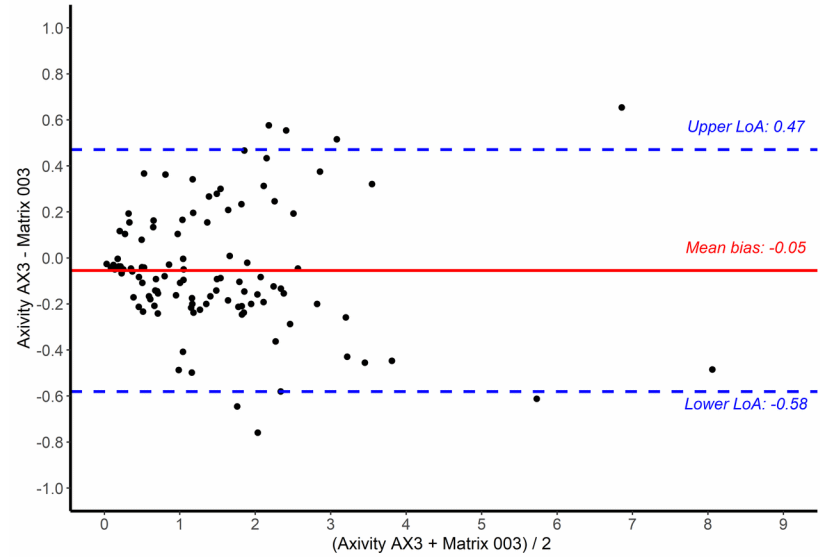
Time above 100 mg (hours/day)

British older adults (N=82)



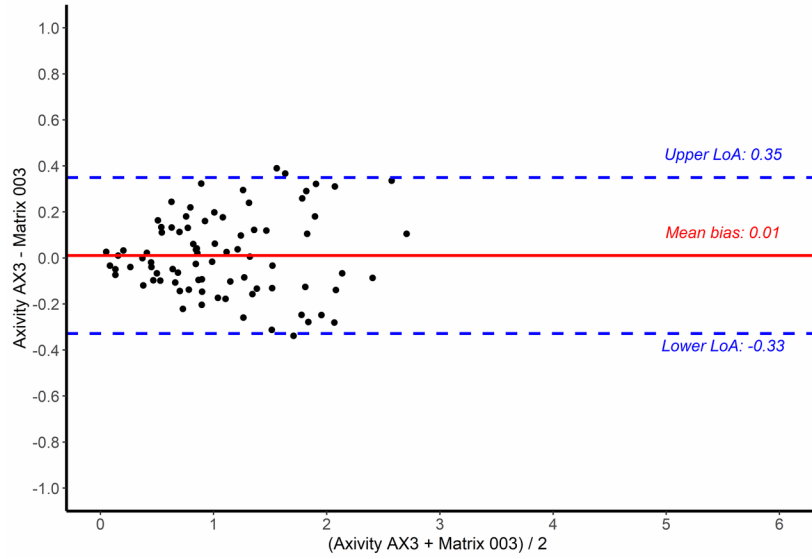
Time above 100 mg (hours/day)

Chinese older adults (N=106)



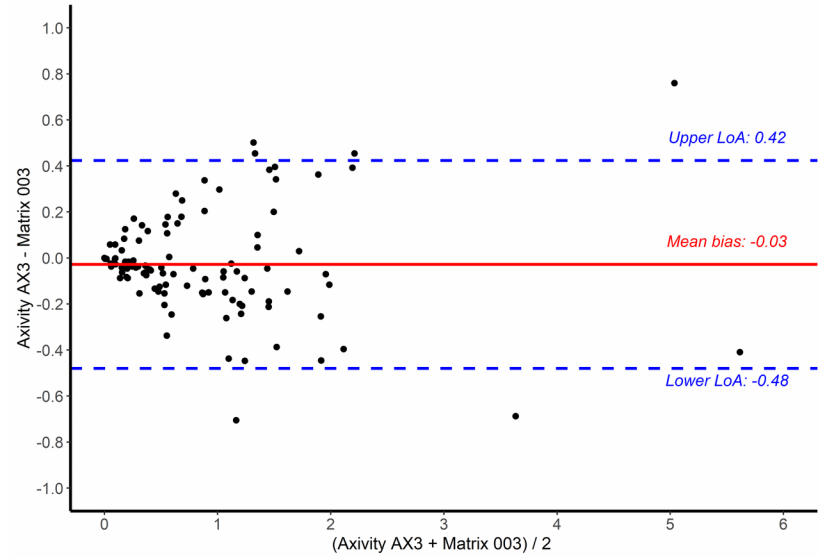
Time above 125 mg (hours/day)

British older adults (N=82)



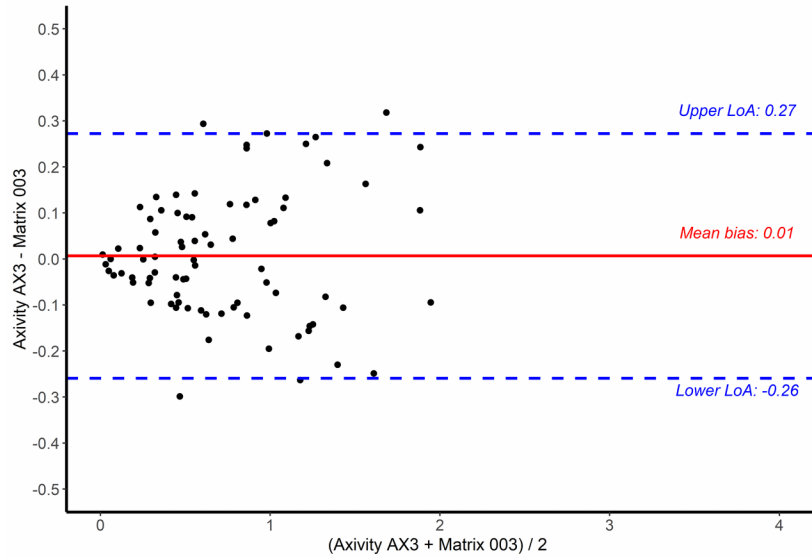
Time above 125 mg (hours/day)

Chinese older adults (N=106)



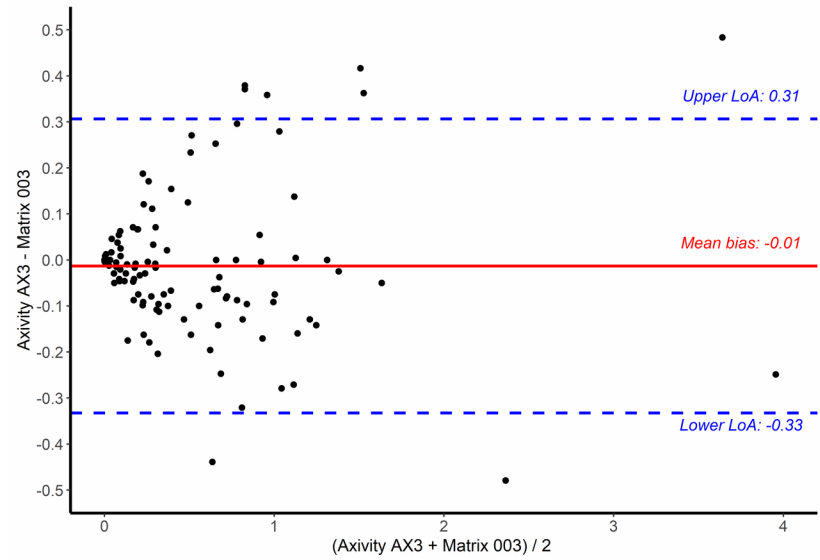
Time above 150 mg (hours/day)

British older adults (N=82)



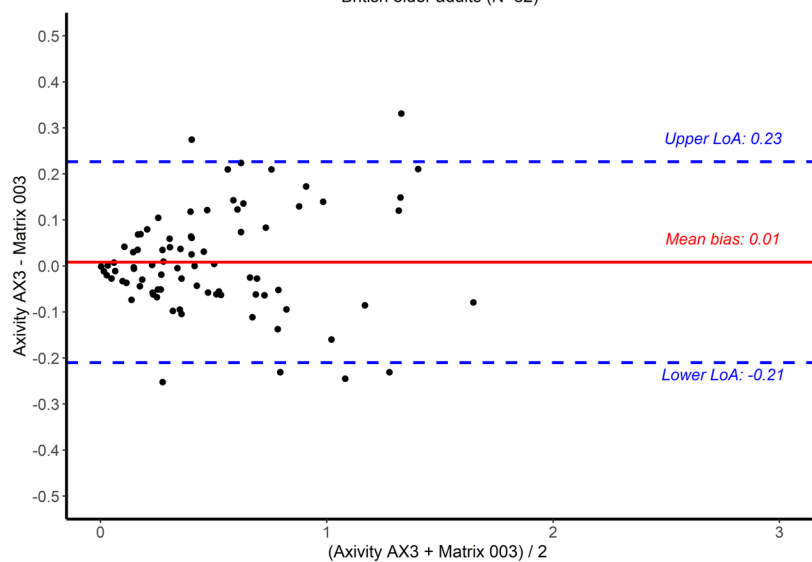
Time above 150 mg (hours/day)

Chinese older adults (N=106)



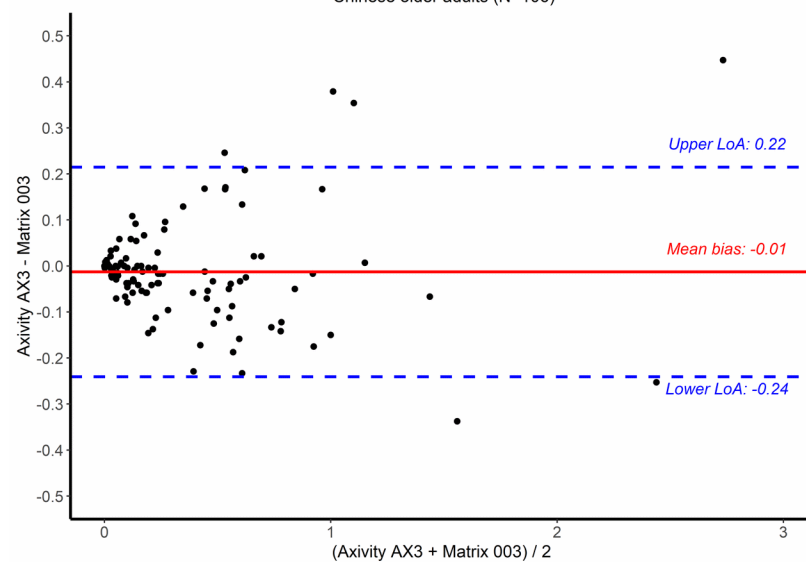
Time above 175 mg (hours/day)

British older adults (N=82)



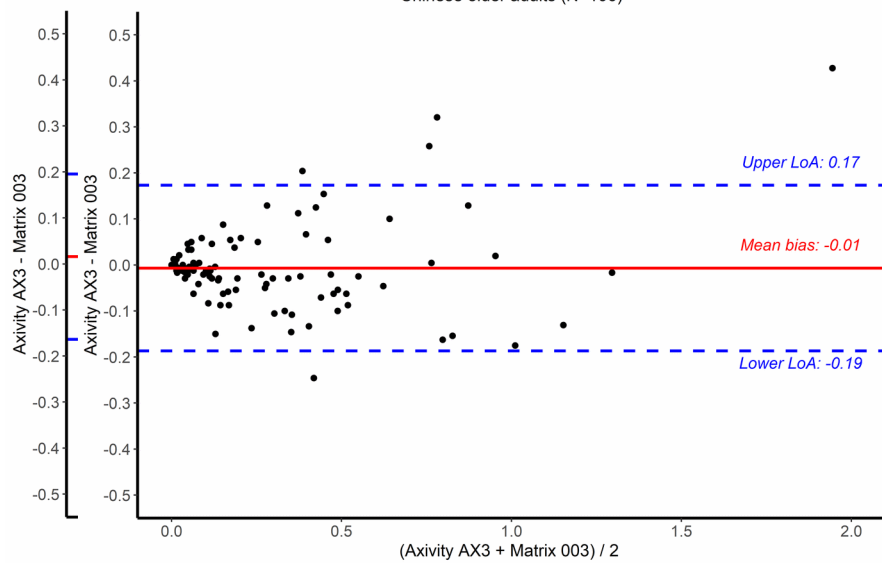
Time above 175 mg (hours/day)

Chinese older adults (N=106)



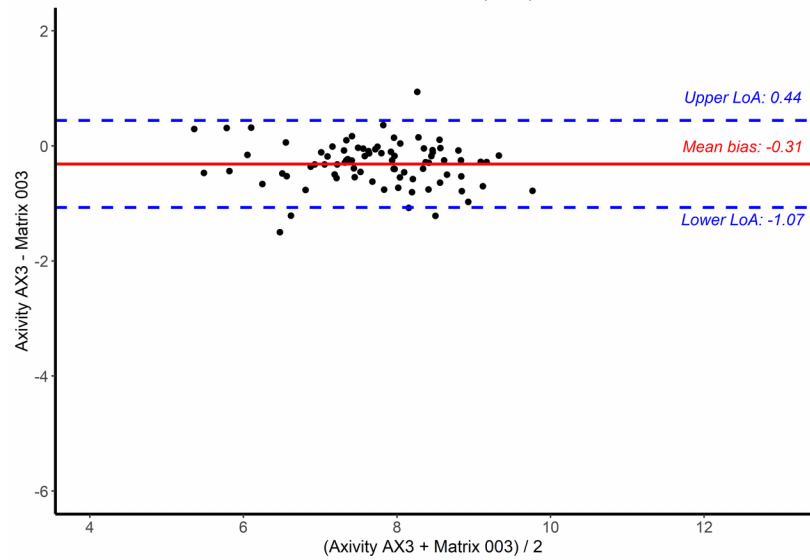
Time above 200 mg (hours/day)

Chinese older adults (N=106)



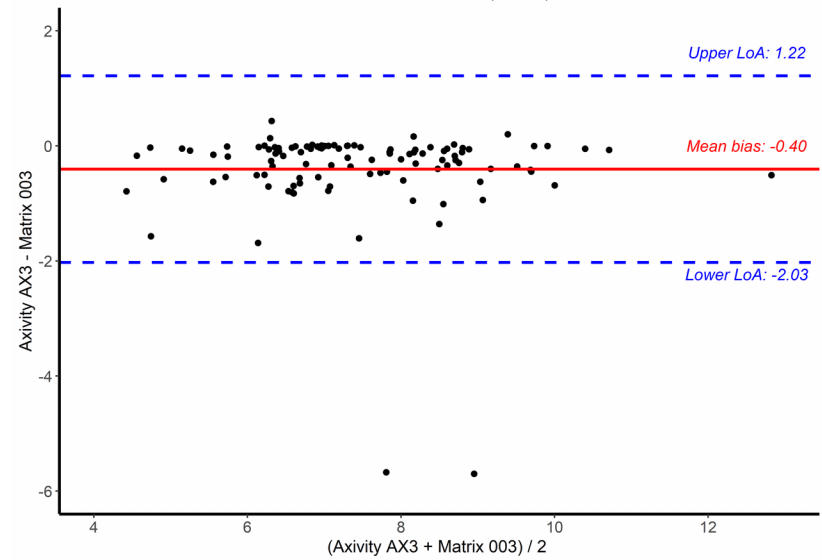
Time in bed (hours/day)

British older adults (N=82)



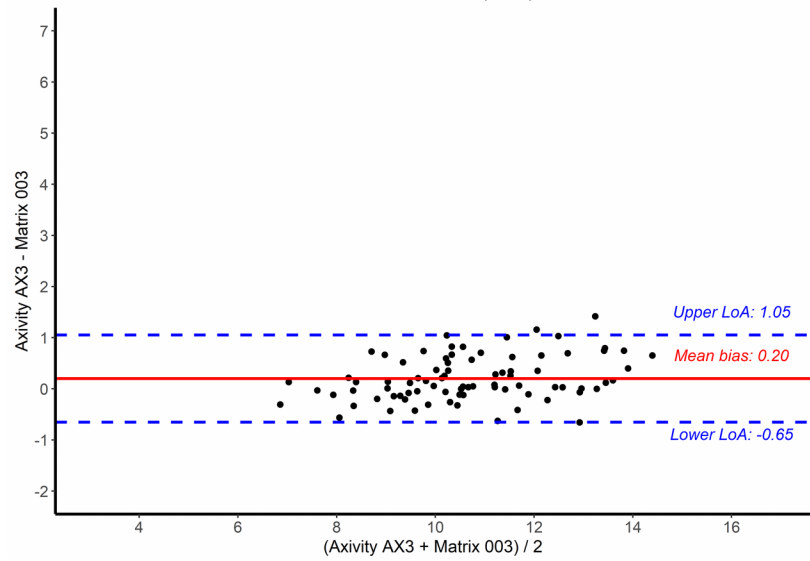
Time in bed (hours/day)

Chinese older adults (N=106)



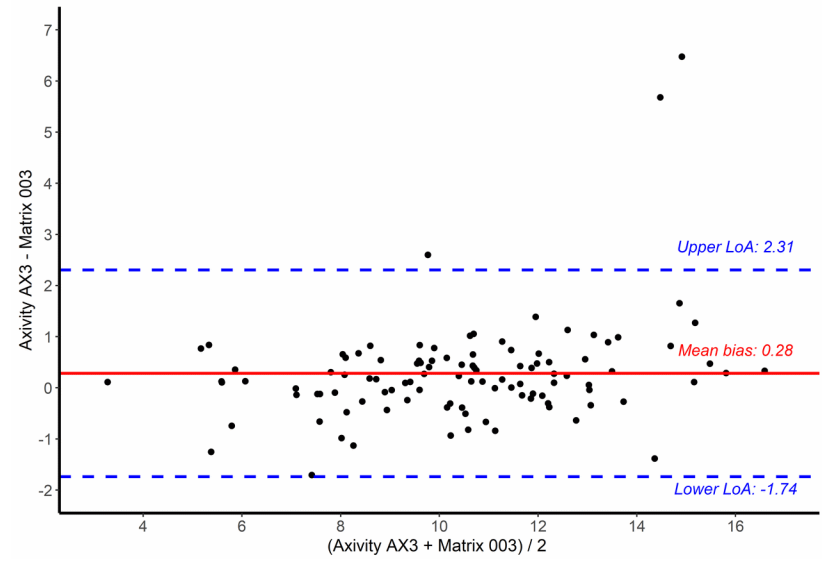
Sedentary behaviour (hours/day)

British older adults (N=82)



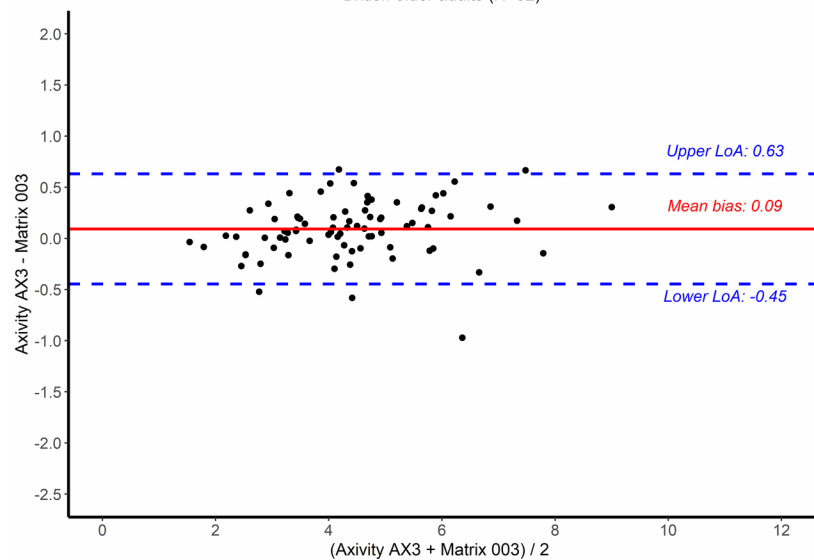
Sedentary behaviour (hours/day)

Chinese older adults (N=106)



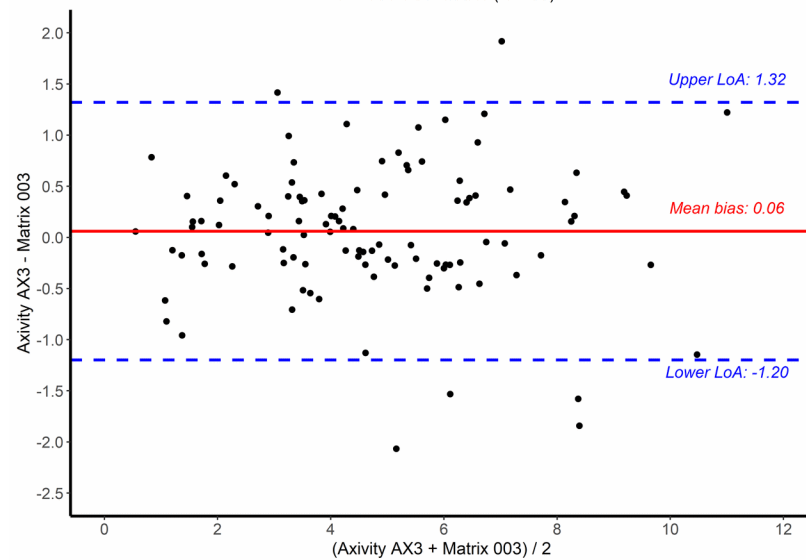
Light physical activity (hours/day)

British older adults (N=82)



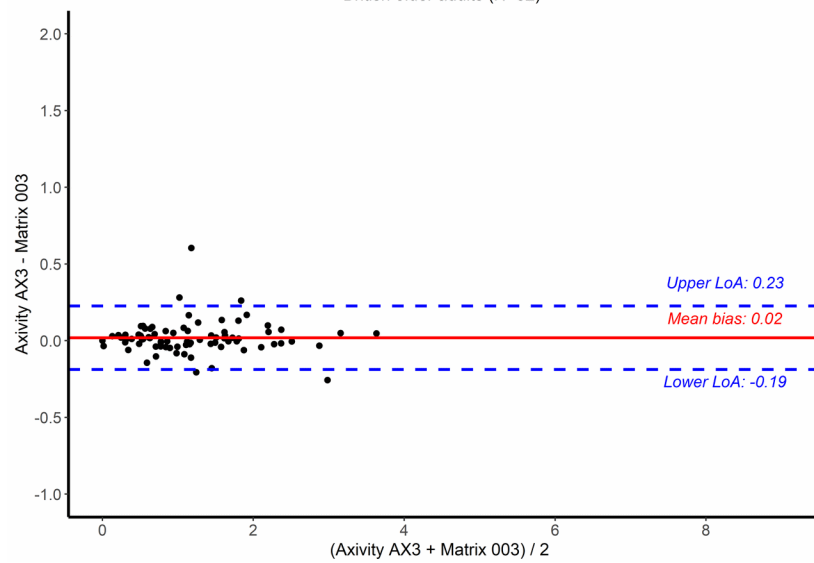
Light physical activity (hours/day)

Chinese older adults (N=106)



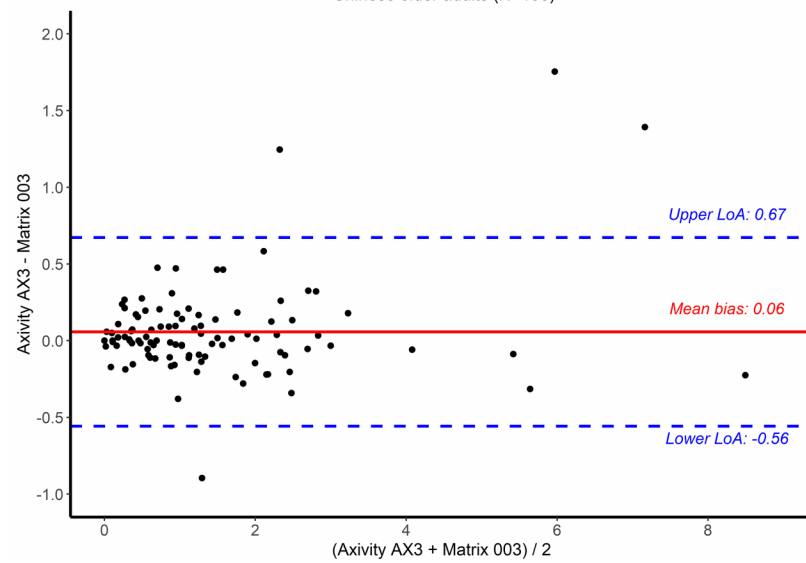
Moderate-vigorous physical activity (hours/day)

British older adults (N=82)



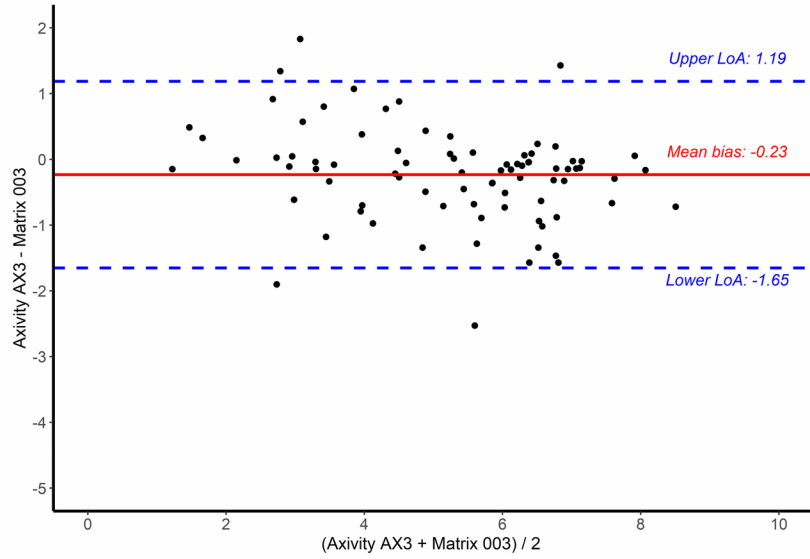
Moderate-vigorous physical activity (hours/day)

Chinese older adults (N=106)



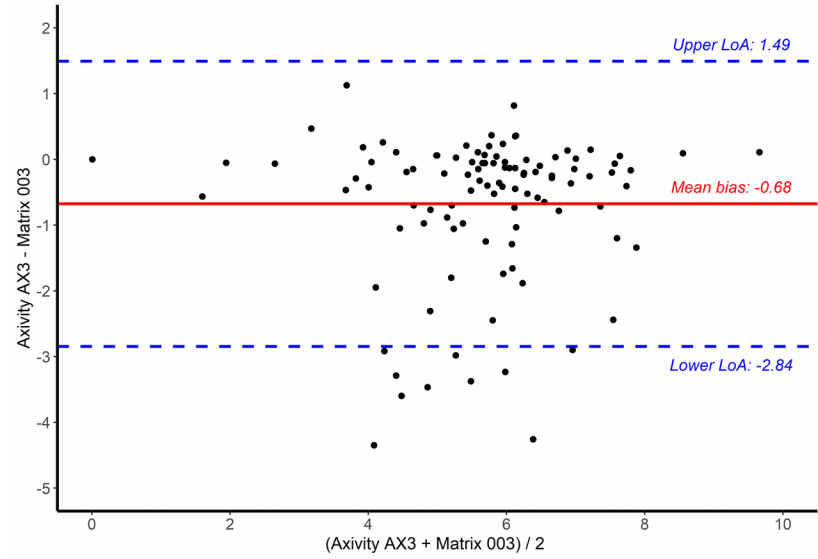
Overnight sleep duration (hours/night)

British older adults (N=82)



Overnight sleep duration (hours/night)

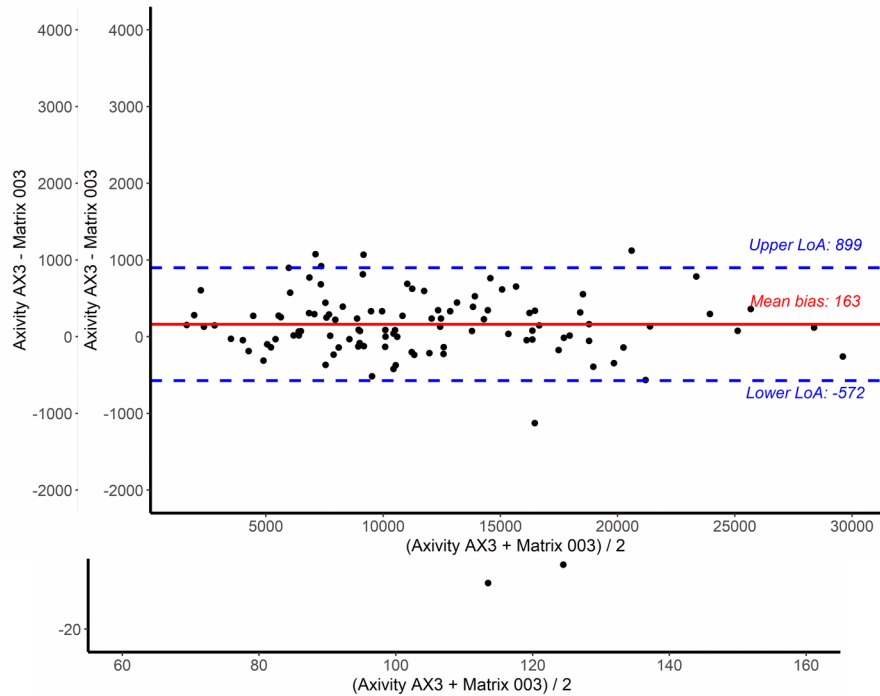
Chinese older adults (N=106)



Sleep efficiency (%) Overall daily step count (steps/day)

Chinese older adults (N=106)

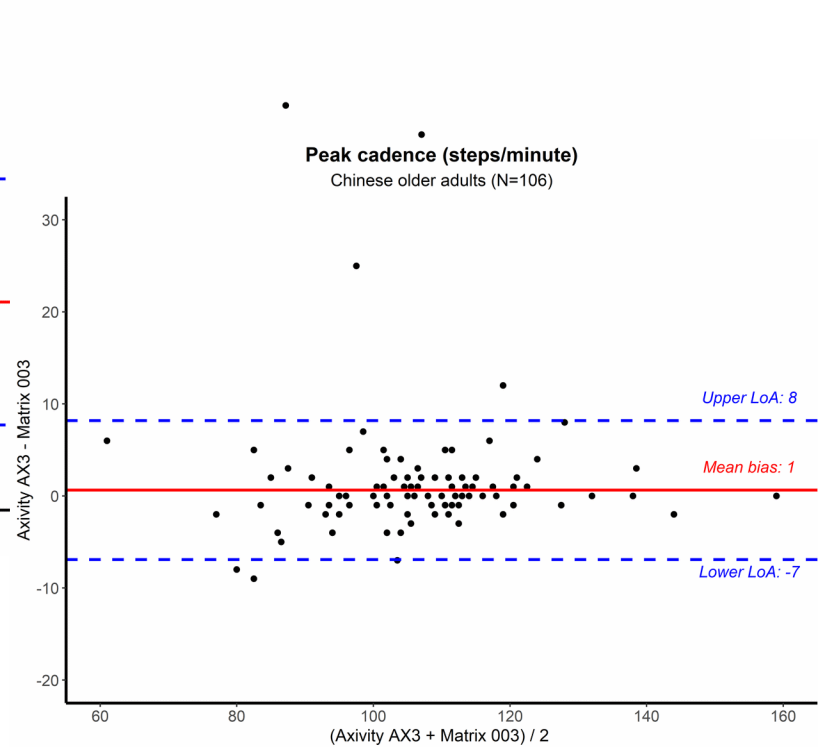
Chinese older adults (N=106)



Sleep efficiency (%) Peak cadence (steps/minute)

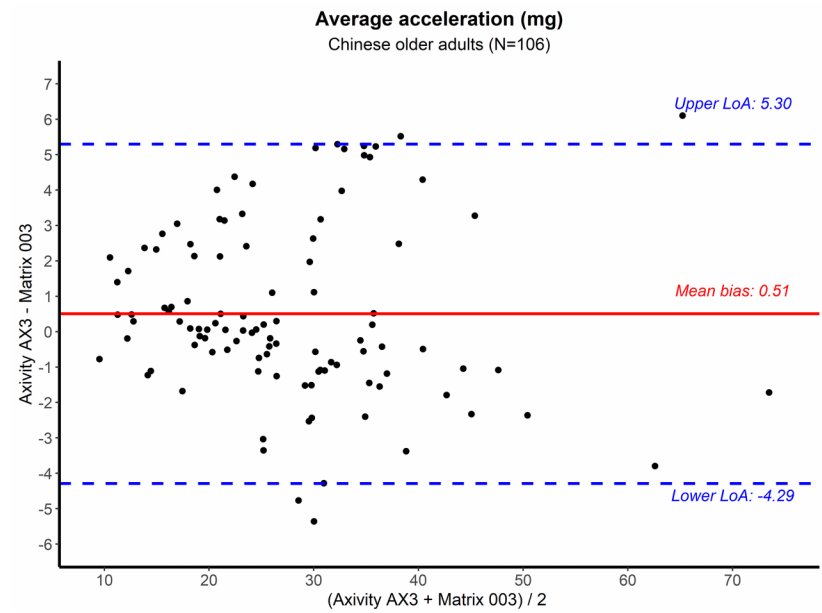
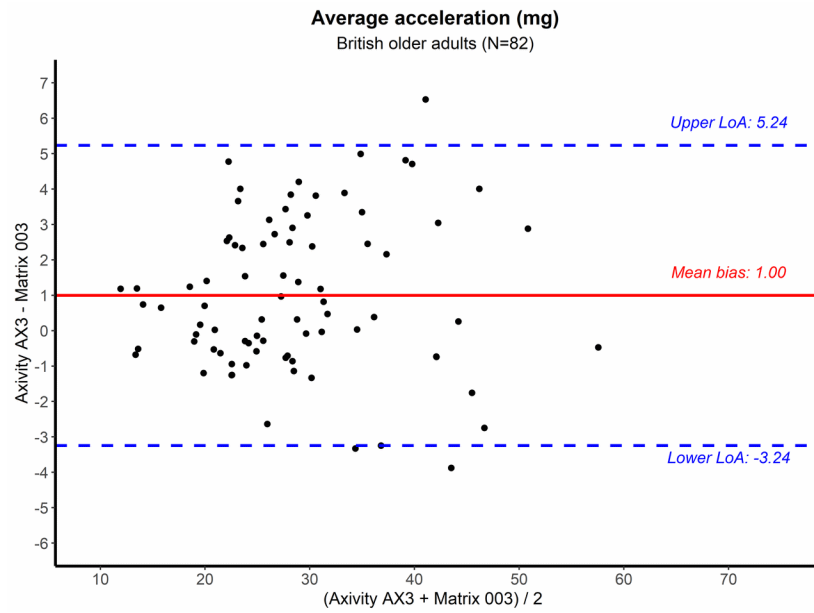
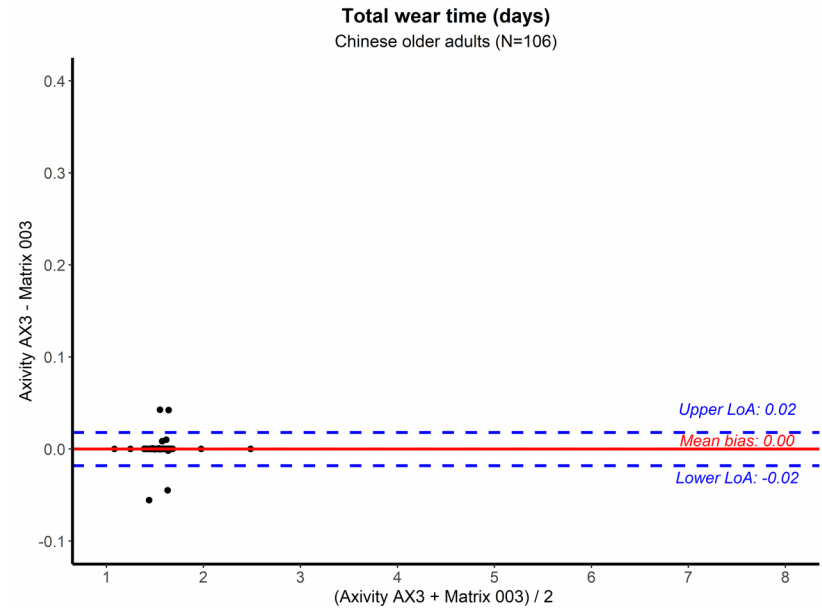
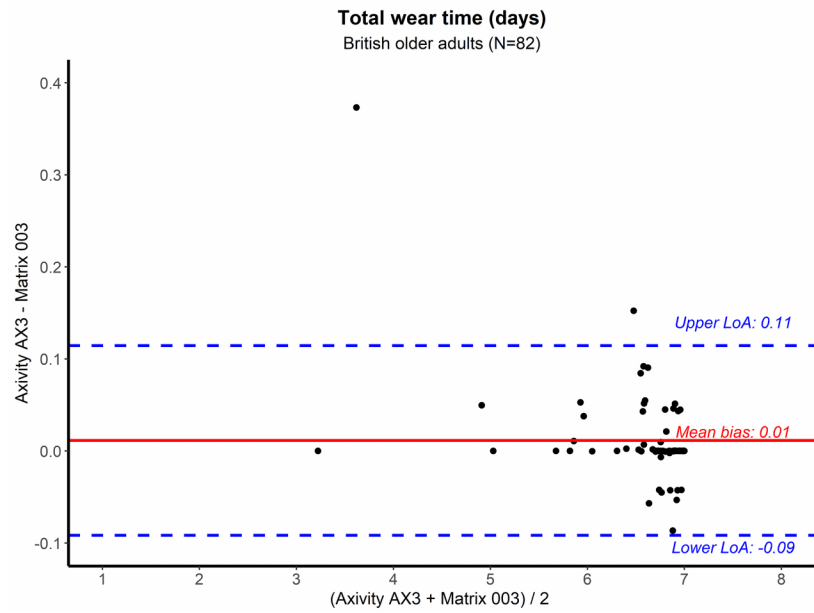
British older adults (N=82)

Chinese older adults (N=106)



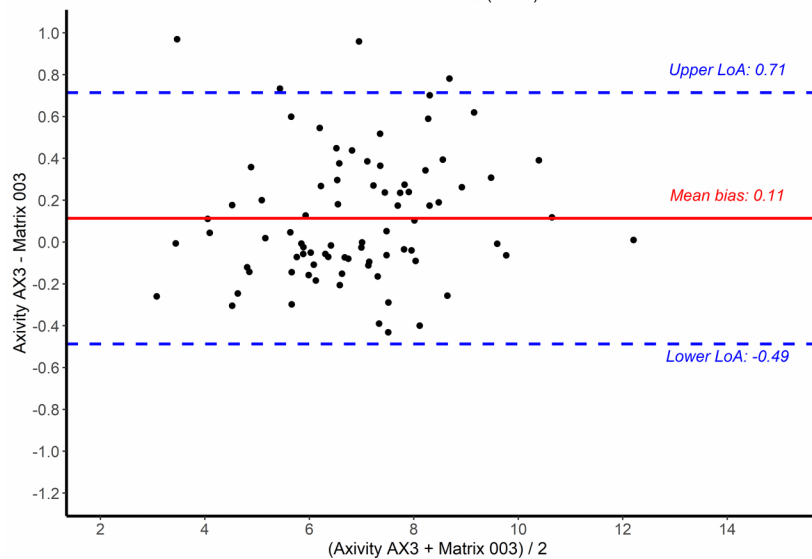
Supplementary Figure S2. Bland-Altman plots for the physical activity and sleep outcomes by nationality.

LoA, 95% limits of agreement.



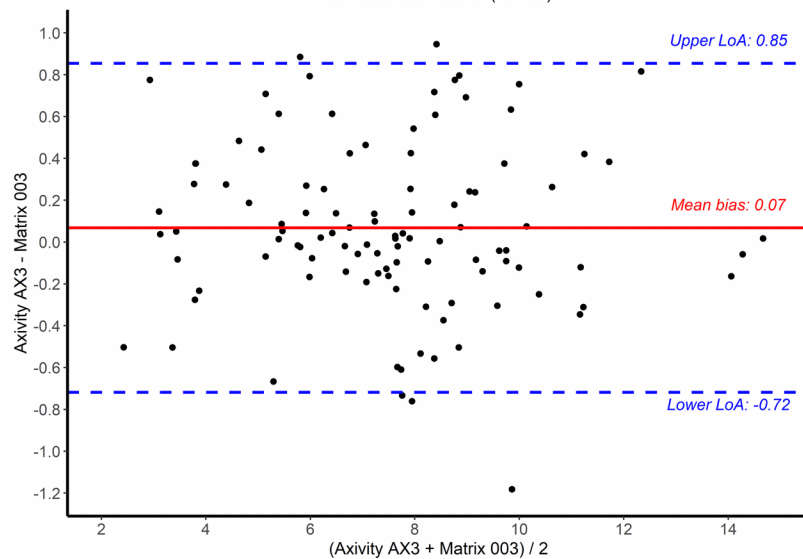
Time above 25 mg (hours/day)

British older adults (N=82)



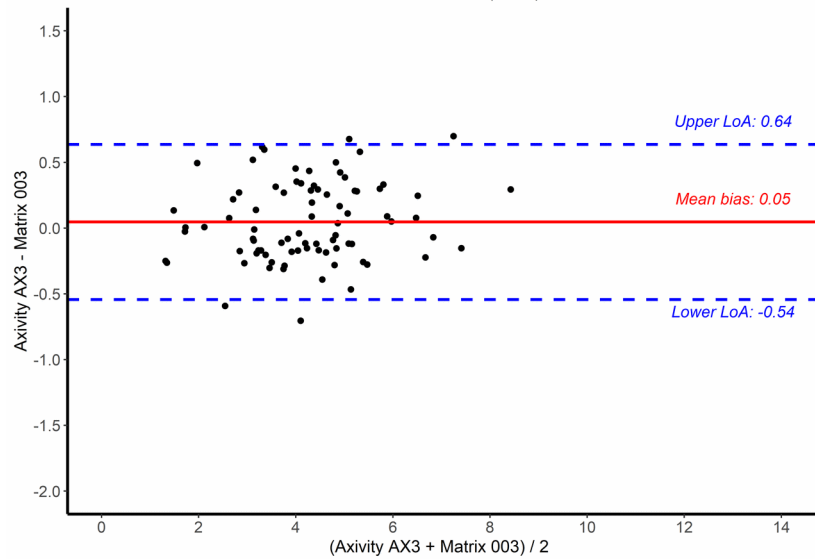
Time above 25 mg (hours/day)

Chinese older adults (N=106)



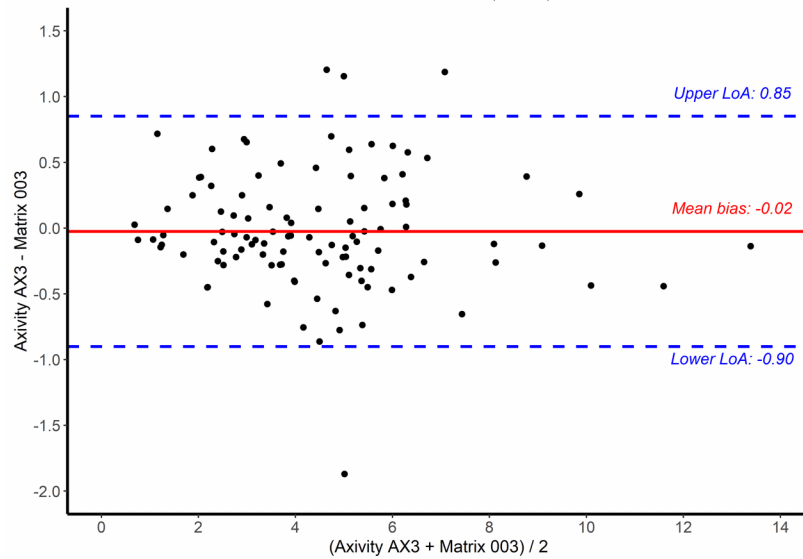
Time above 50 mg (hours/day)

British older adults (N=82)



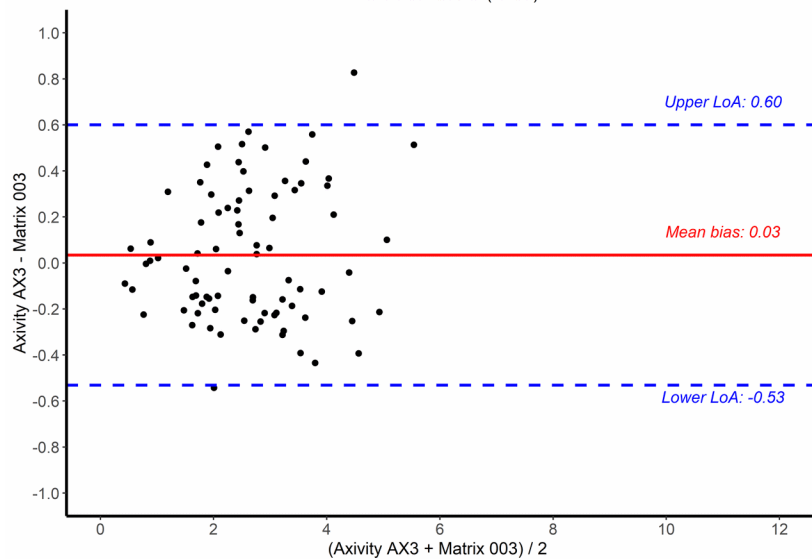
Time above 50 mg (hours/day)

Chinese older adults (N=106)



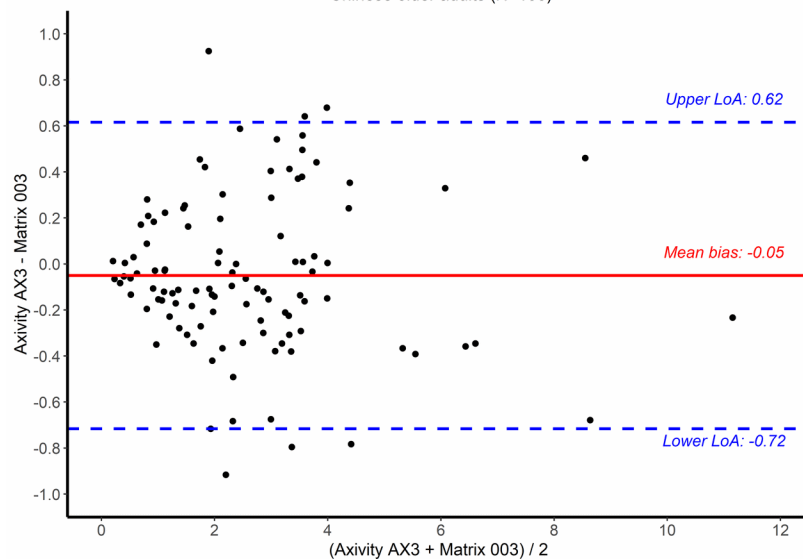
Time above 75 mg (hours/day)

British older adults (N=82)



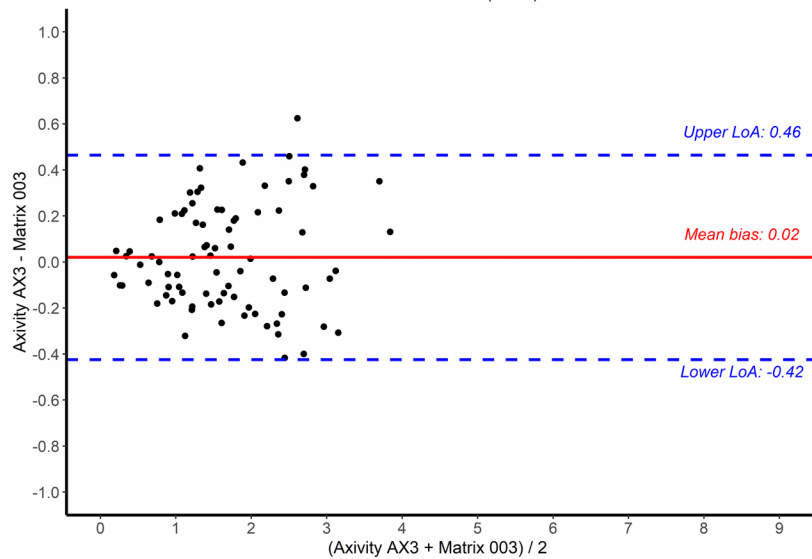
Time above 75 mg (hours/day)

Chinese older adults (N=106)



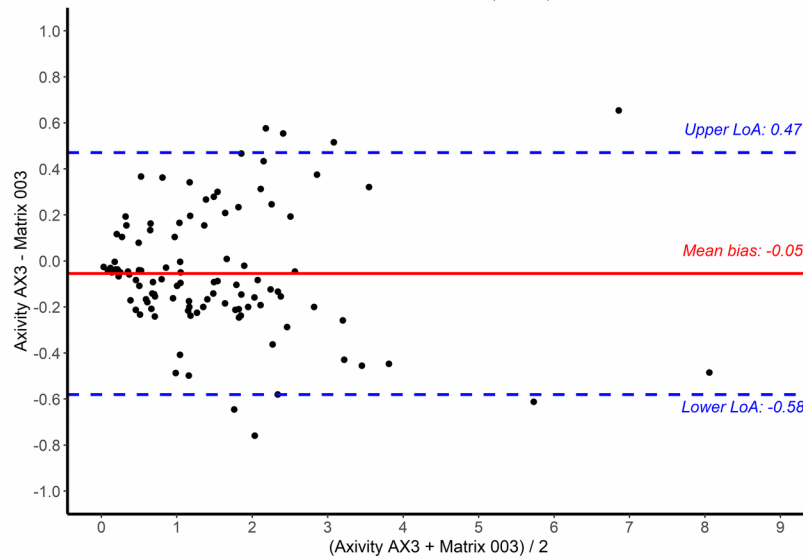
Time above 100 mg (hours/day)

British older adults (N=82)



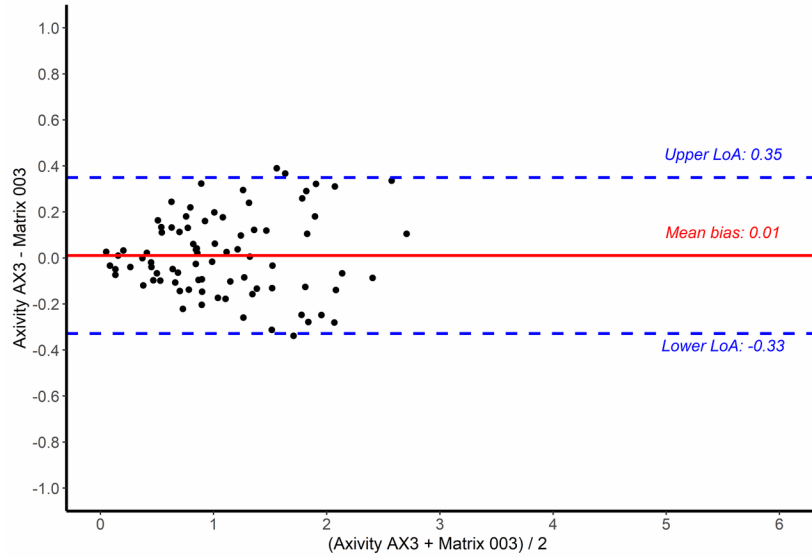
Time above 100 mg (hours/day)

Chinese older adults (N=106)



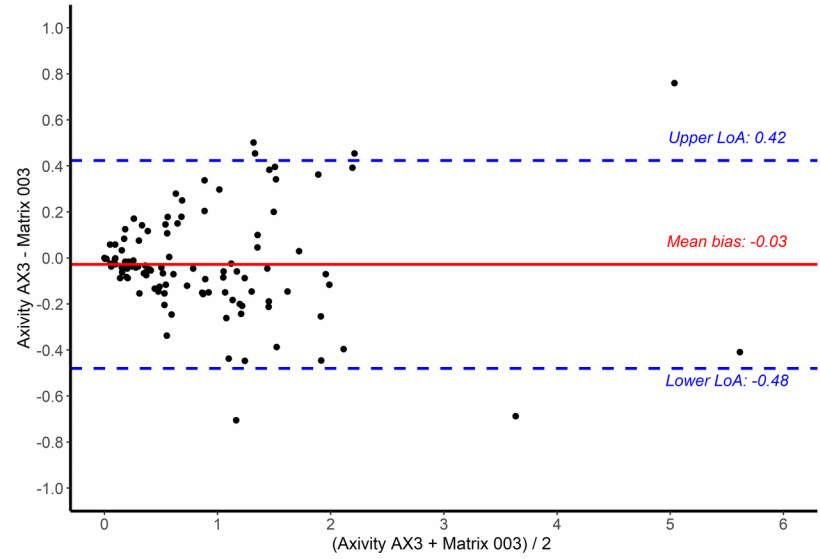
Time above 125 mg (hours/day)

British older adults (N=82)



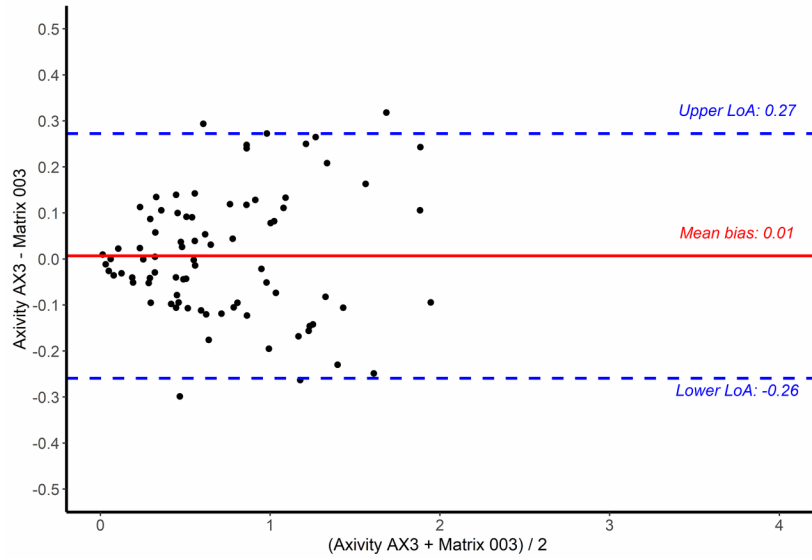
Time above 125 mg (hours/day)

Chinese older adults (N=106)



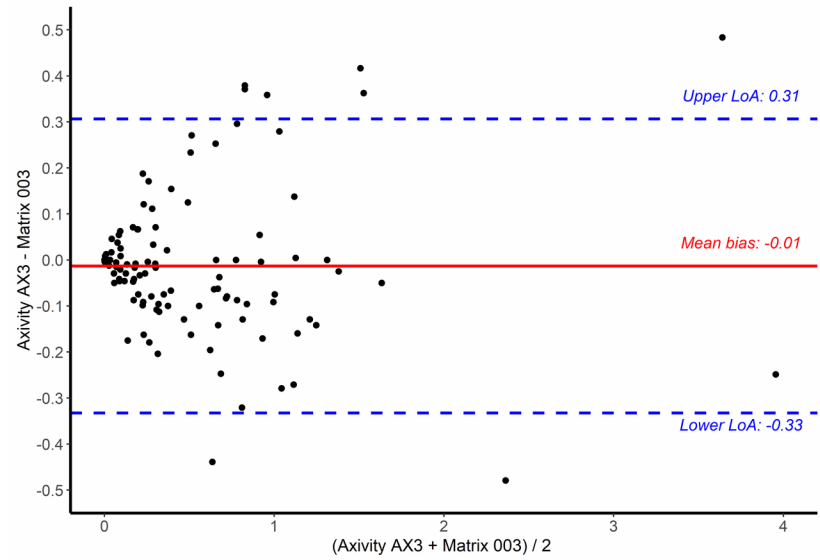
Time above 150 mg (hours/day)

British older adults (N=82)



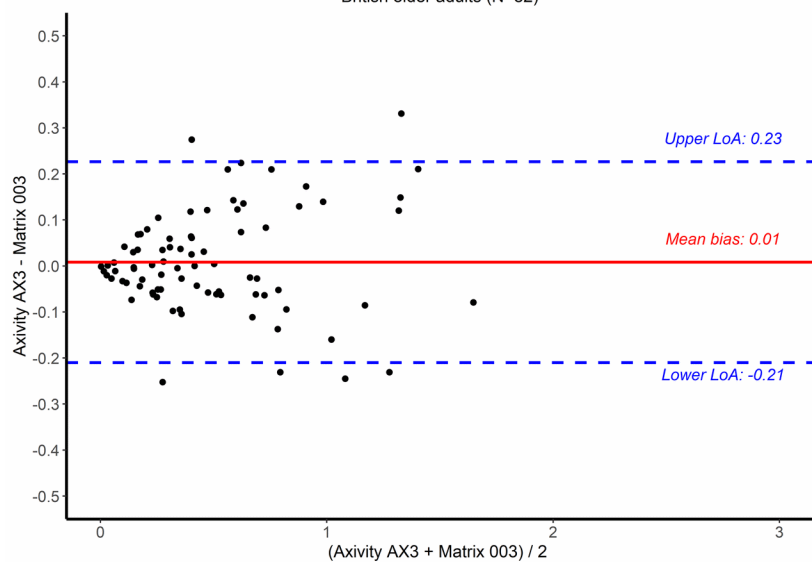
Time above 150 mg (hours/day)

Chinese older adults (N=106)



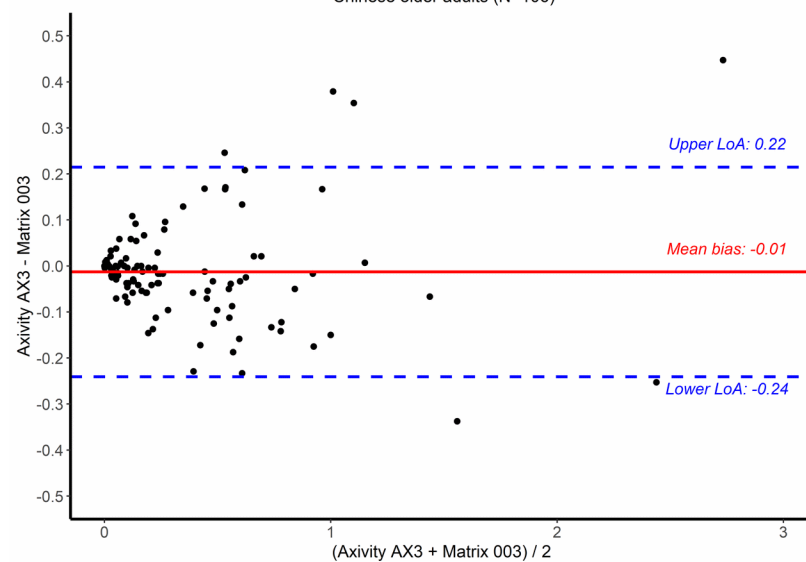
Time above 175 mg (hours/day)

British older adults (N=82)



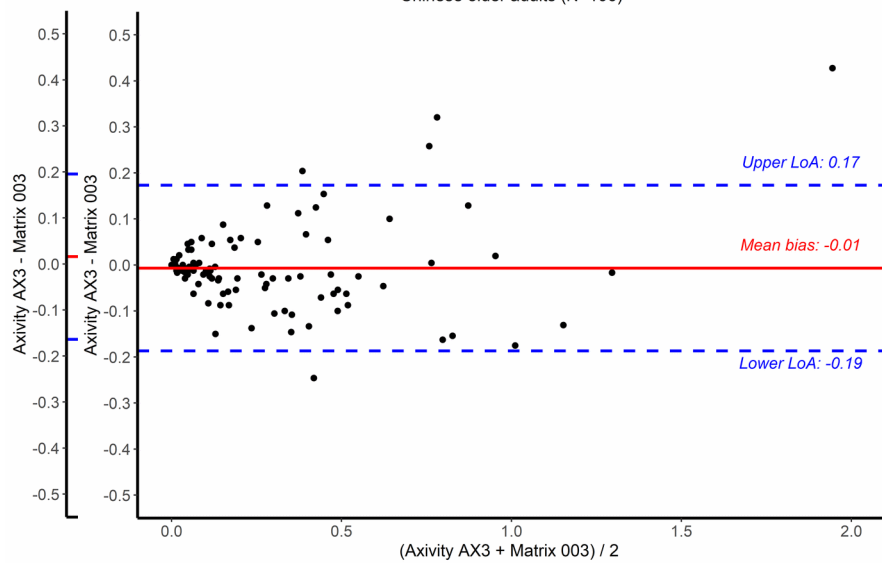
Time above 175 mg (hours/day)

Chinese older adults (N=106)

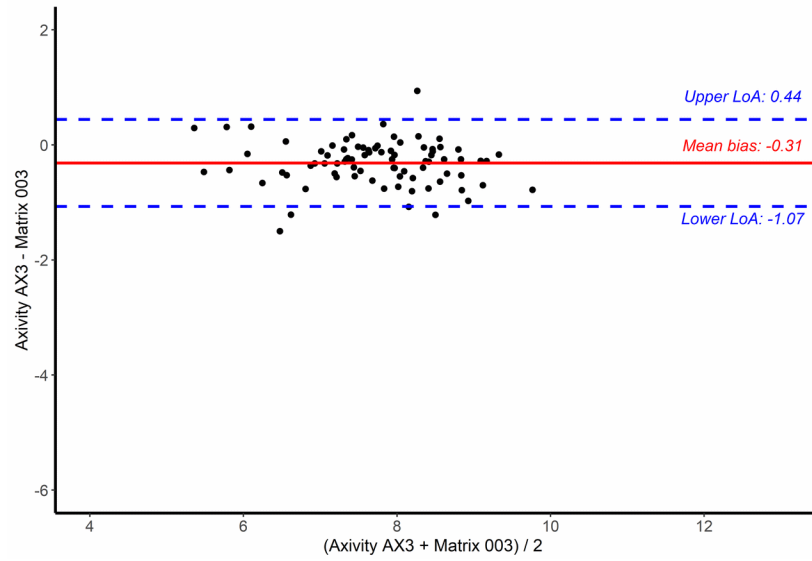


Time above 200 mg (hours/day)

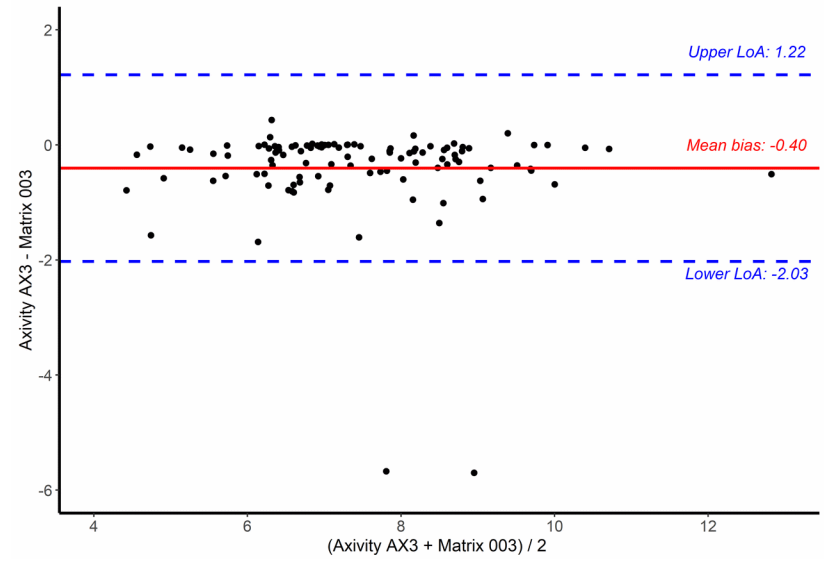
Chinese older adults (N=106)



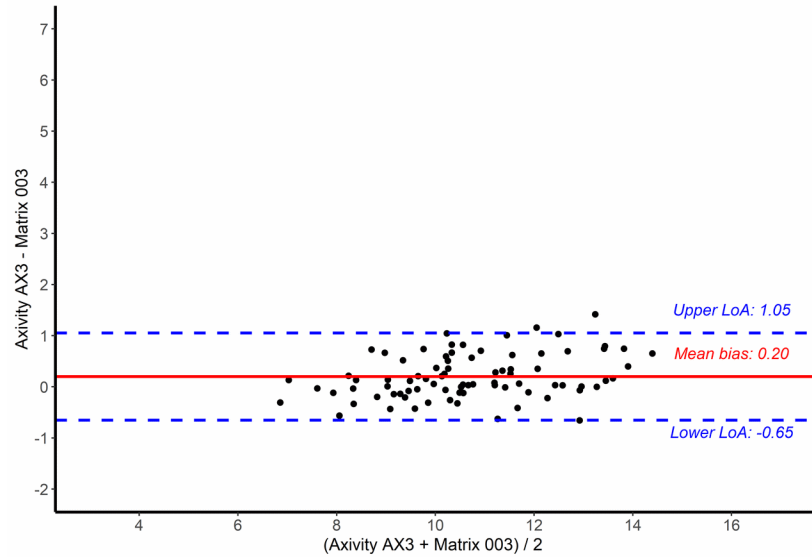
Time in bed (hours/day)
British older adults (N=82)



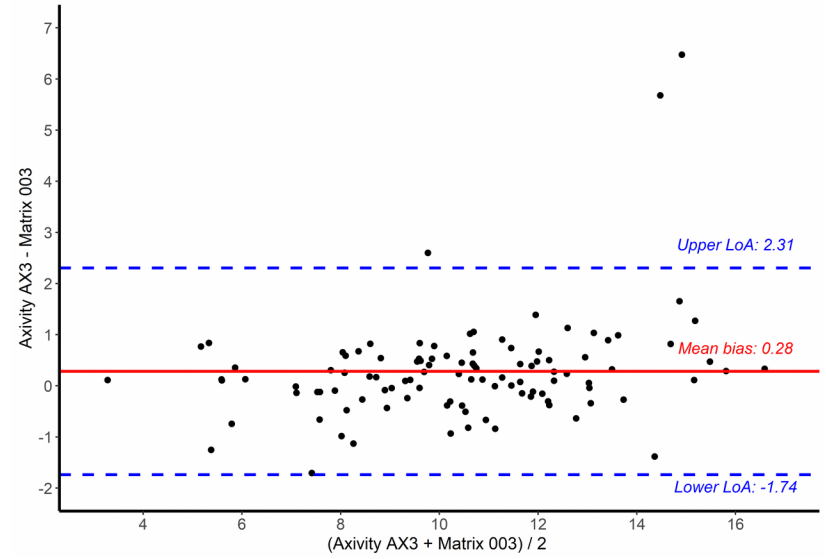
Time in bed (hours/day)
Chinese older adults (N=106)



Sedentary behaviour (hours/day)
British older adults (N=82)

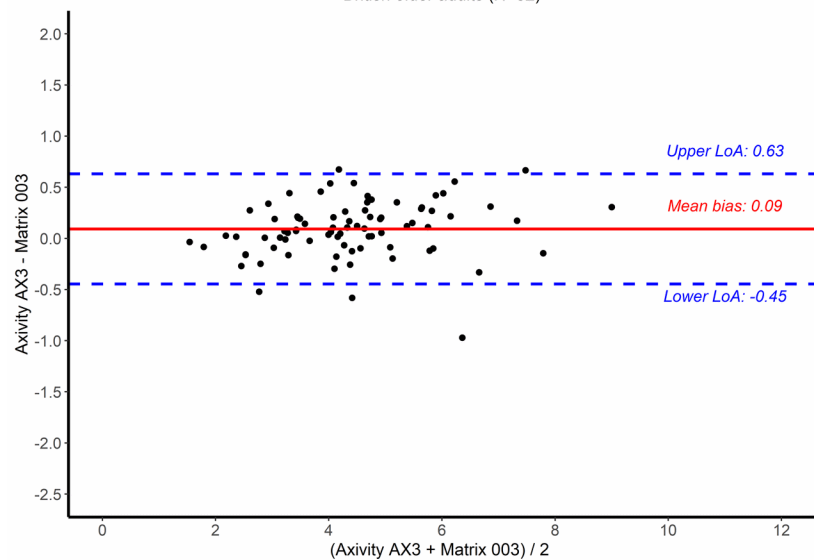


Sedentary behaviour (hours/day)
Chinese older adults (N=106)



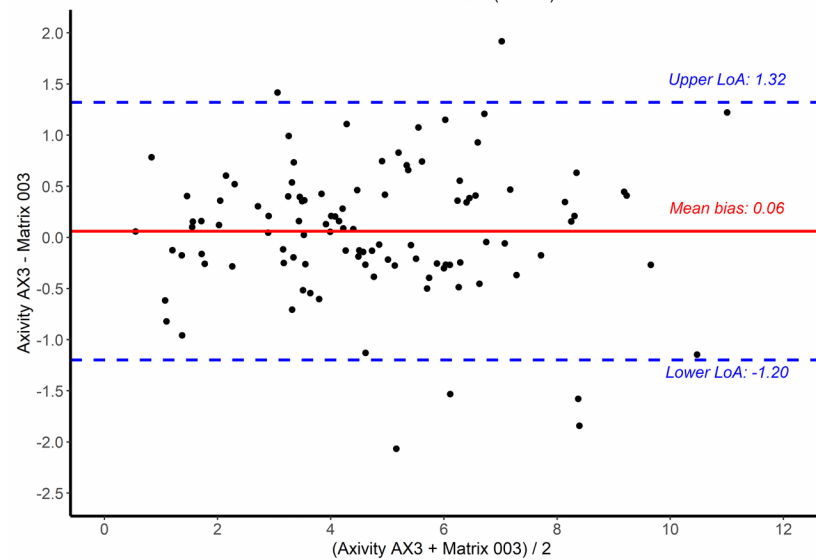
Light physical activity (hours/day)

British older adults (N=82)



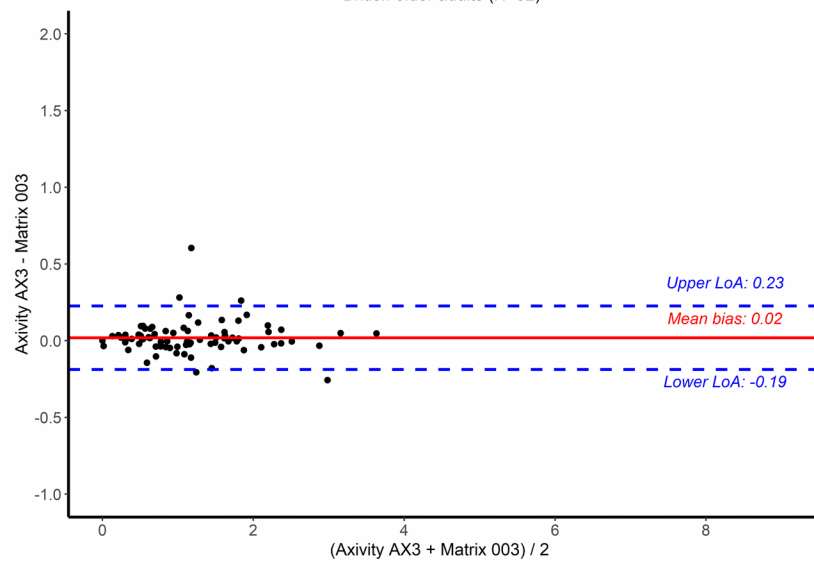
Light physical activity (hours/day)

Chinese older adults (N=106)



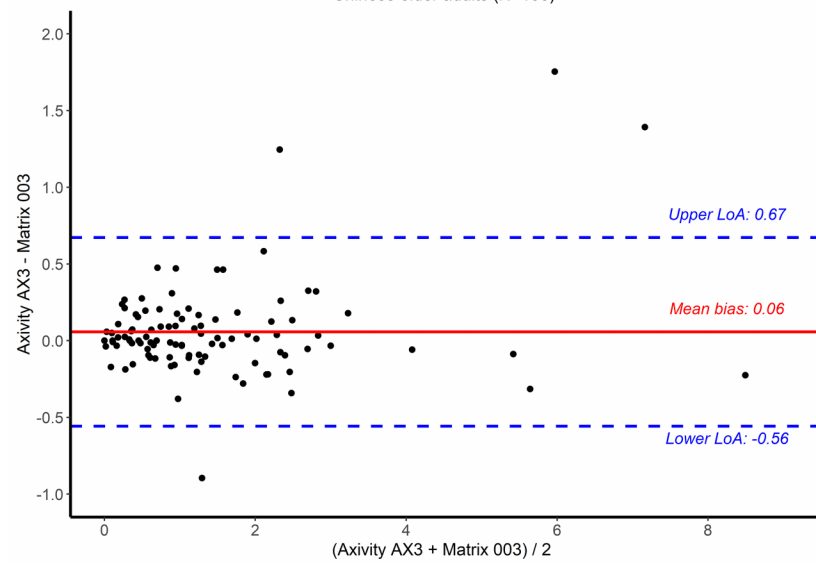
Moderate-vigorous physical activity (hours/day)

British older adults (N=82)



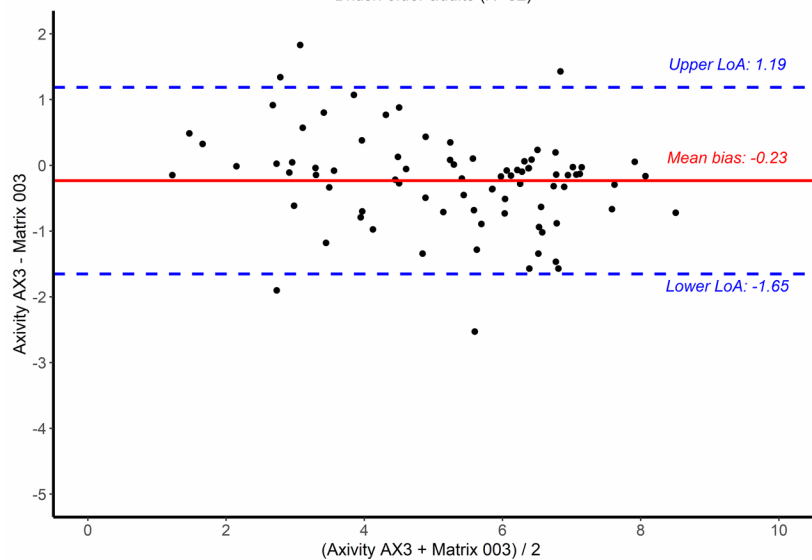
Moderate-vigorous physical activity (hours/day)

Chinese older adults (N=106)



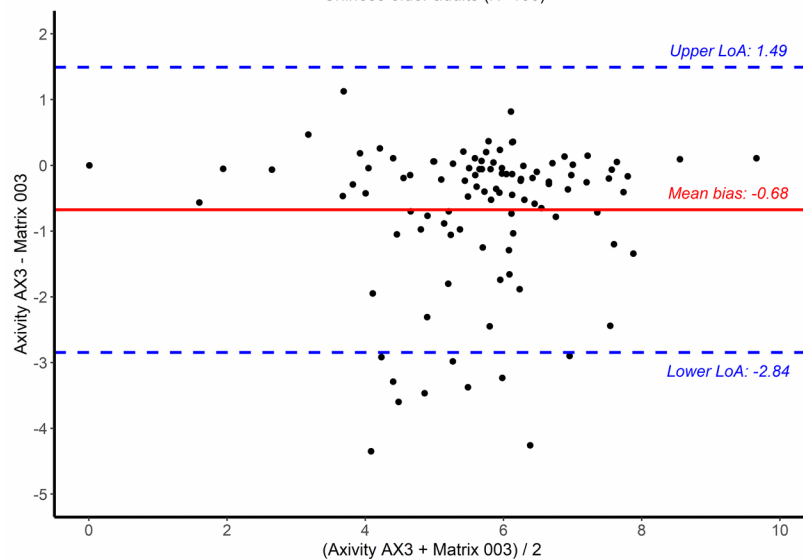
Overnight sleep duration (hours/night)

British older adults (N=82)



Overnight sleep duration (hours/night)

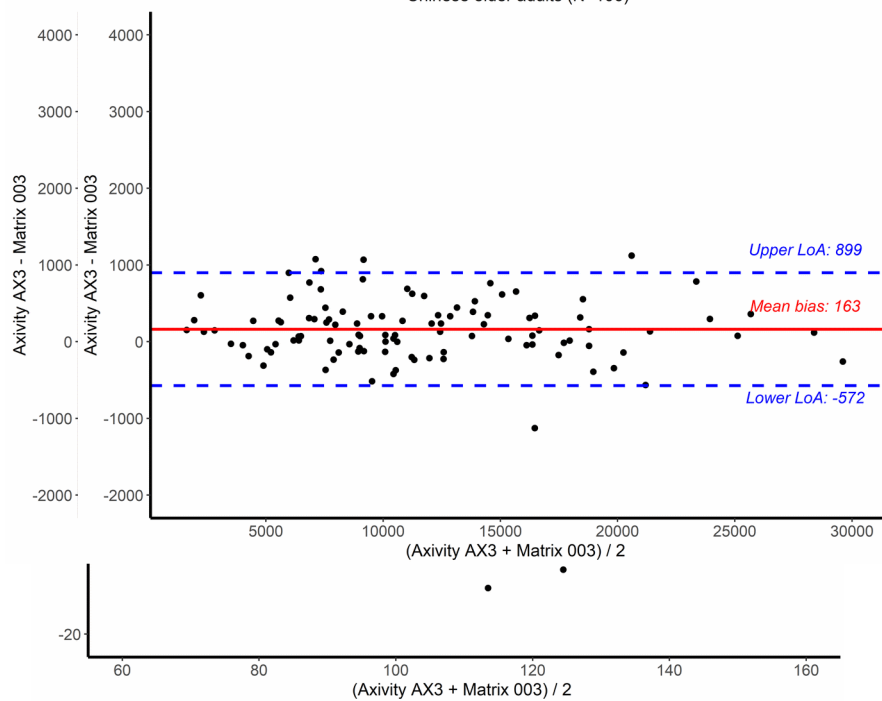
Chinese older adults (N=106)



Sleep efficiency (%) Overall daily step count (steps/day)

Chinese older adults (N=106)

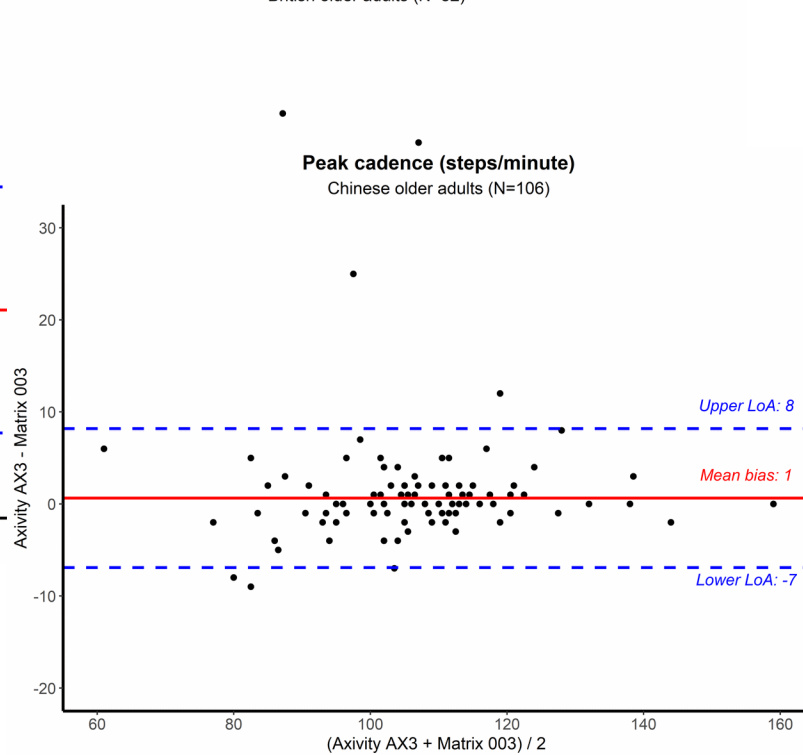
Chinese older adults (N=106)



Sleep efficiency (%) Peak cadence (steps/minute)

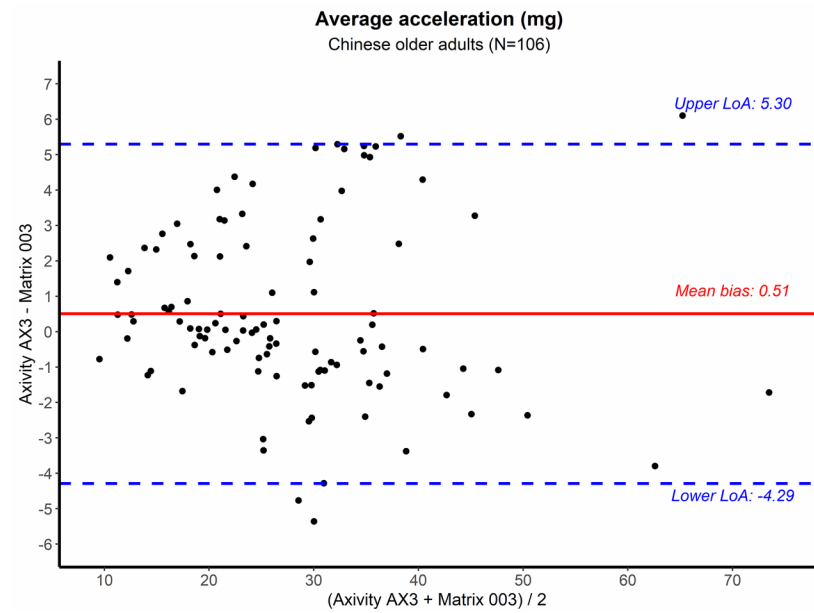
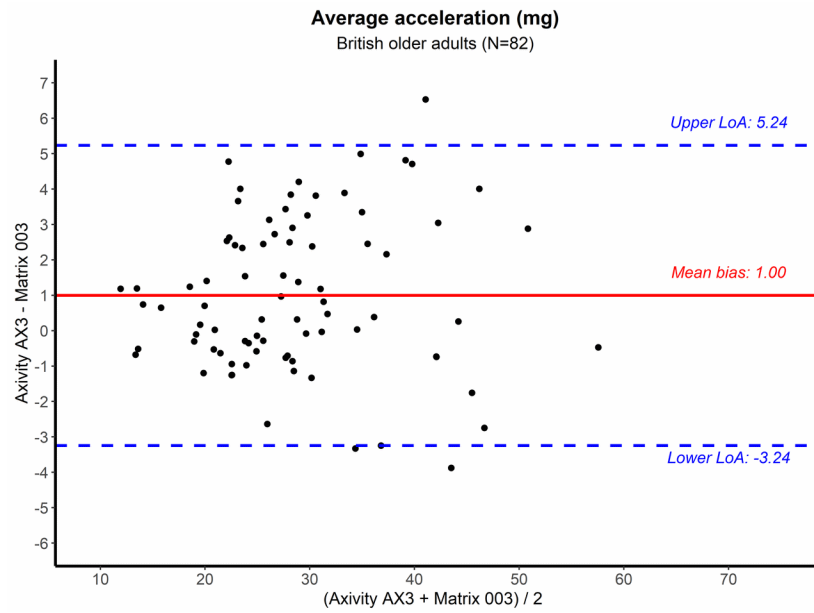
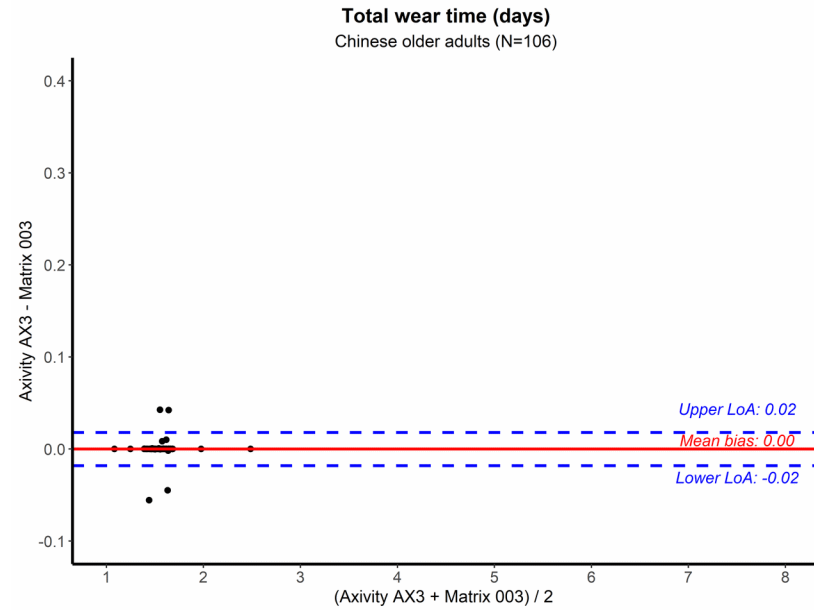
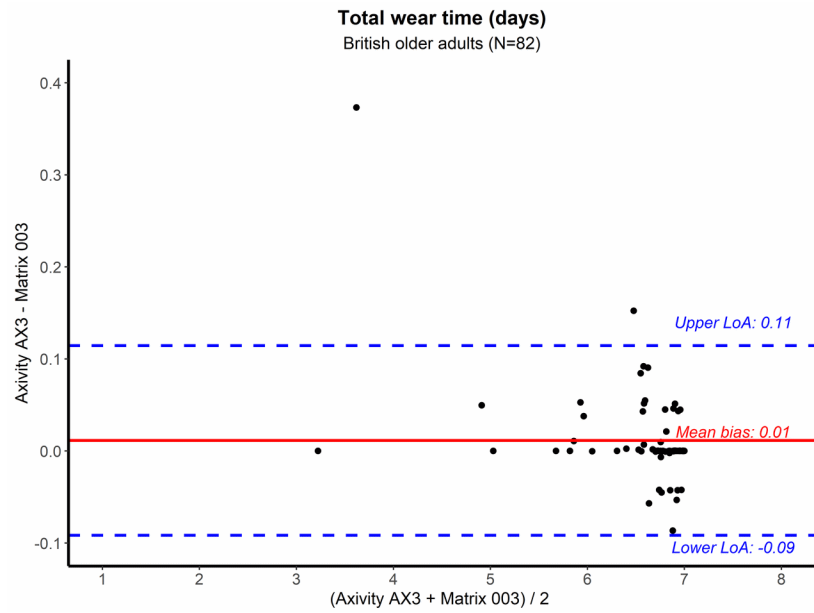
British older adults (N=82)

Chinese older adults (N=106)



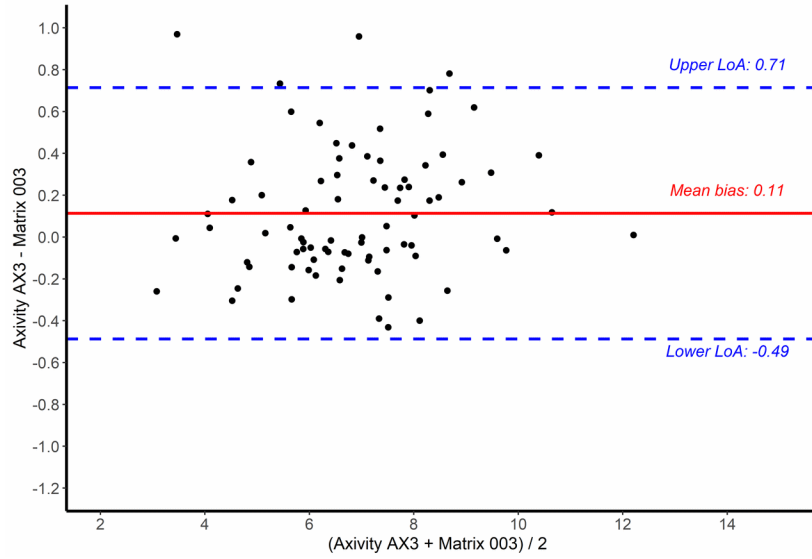
Supplementary Figure S2. Bland-Altman plots for the physical activity and sleep outcomes by nationality.

LoA, 95% limits of agreement.



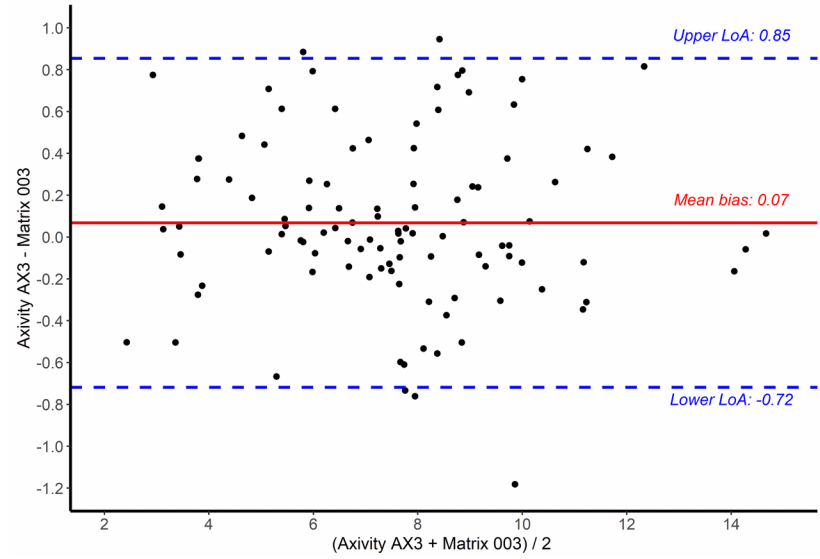
Time above 25 mg (hours/day)

British older adults (N=82)



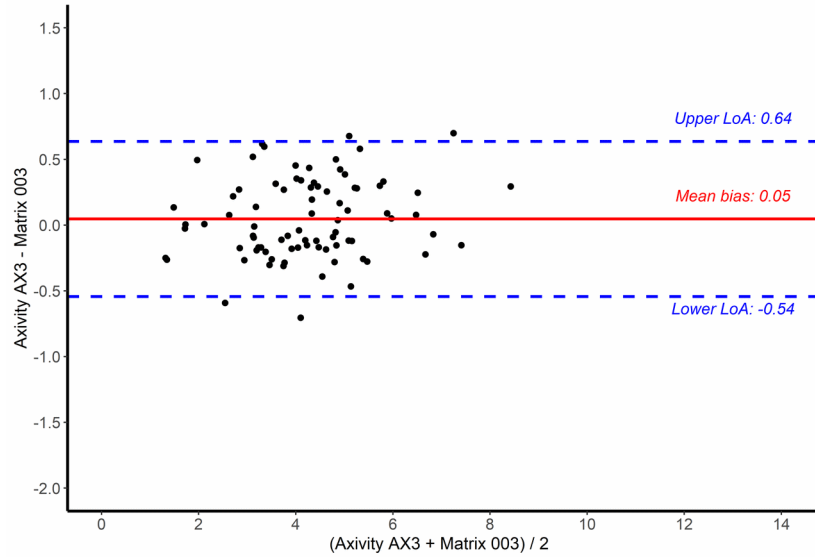
Time above 25 mg (hours/day)

Chinese older adults (N=106)



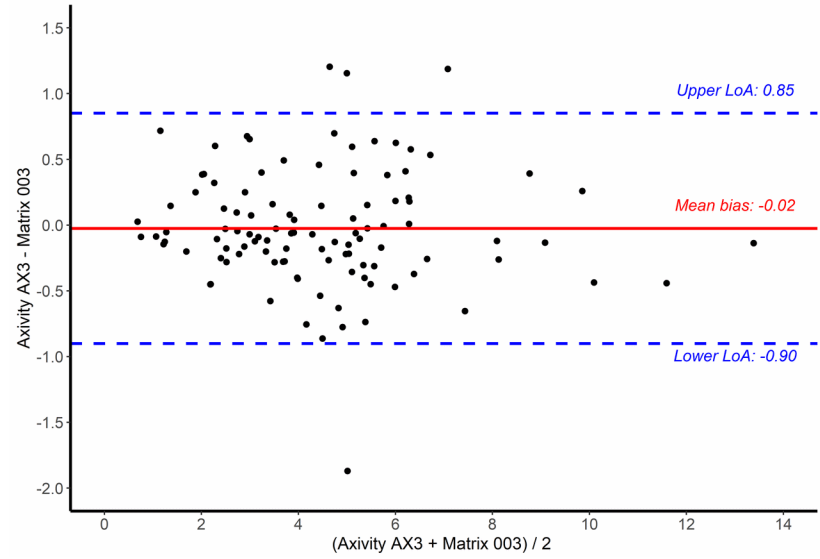
Time above 50 mg (hours/day)

British older adults (N=82)



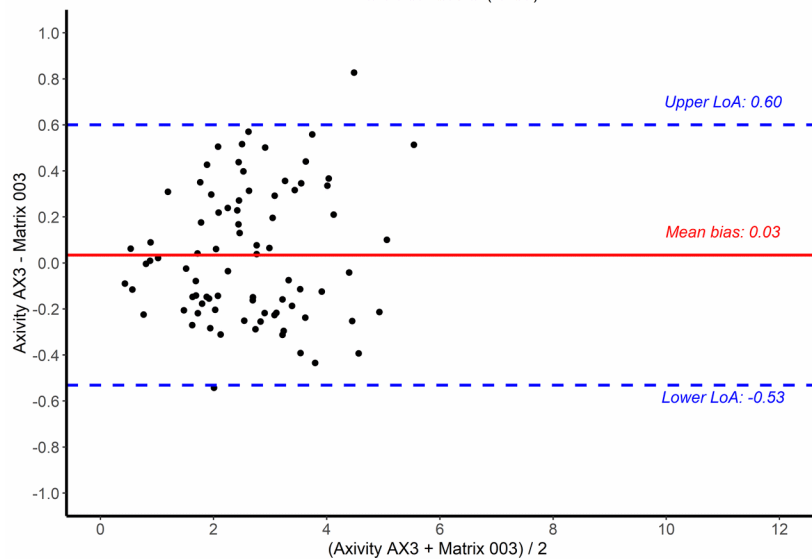
Time above 50 mg (hours/day)

Chinese older adults (N=106)



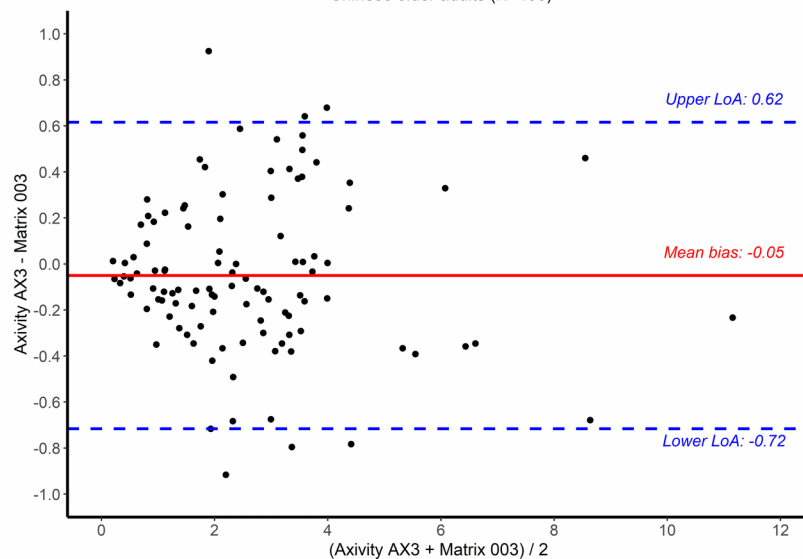
Time above 75 mg (hours/day)

British older adults (N=82)



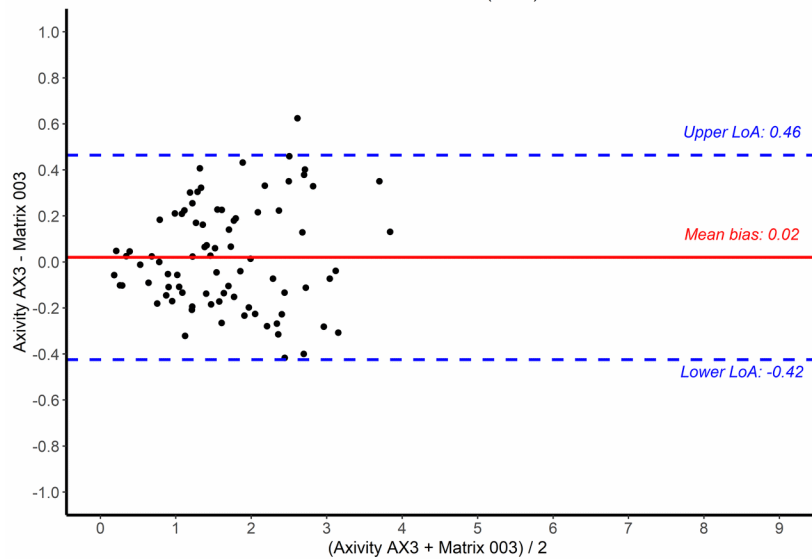
Time above 75 mg (hours/day)

Chinese older adults (N=106)



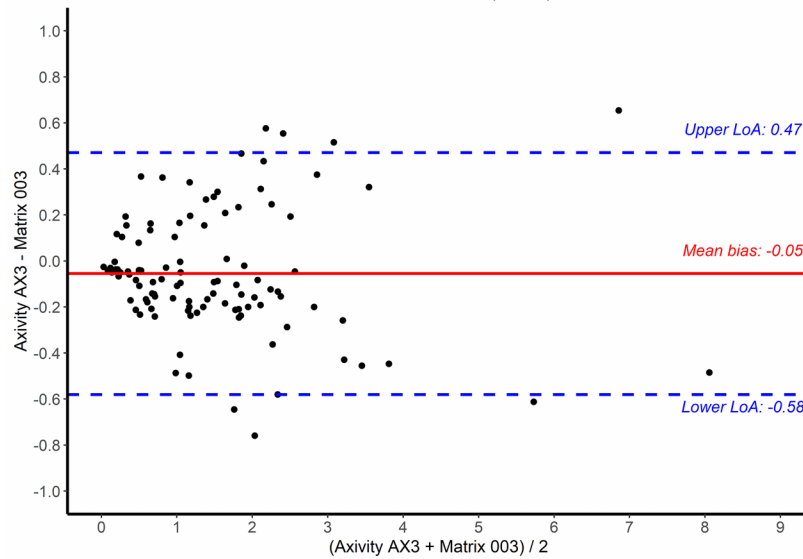
Time above 100 mg (hours/day)

British older adults (N=82)



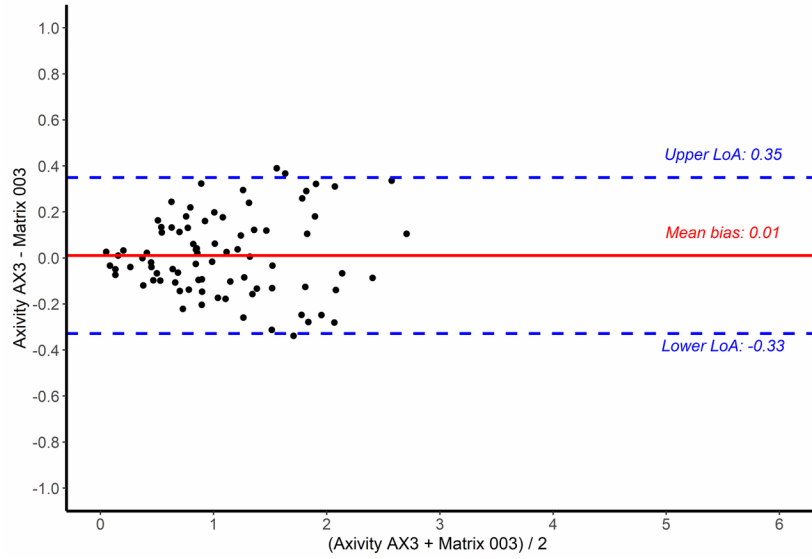
Time above 100 mg (hours/day)

Chinese older adults (N=106)



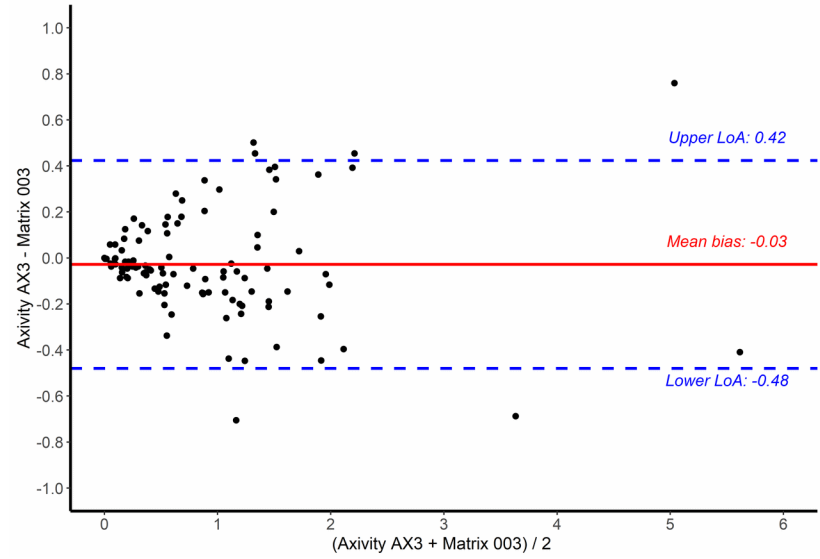
Time above 125 mg (hours/day)

British older adults (N=82)



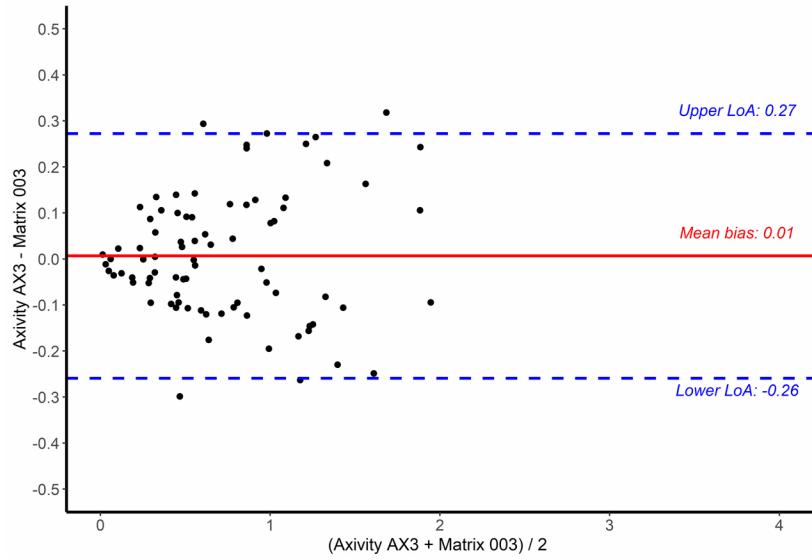
Time above 125 mg (hours/day)

Chinese older adults (N=106)



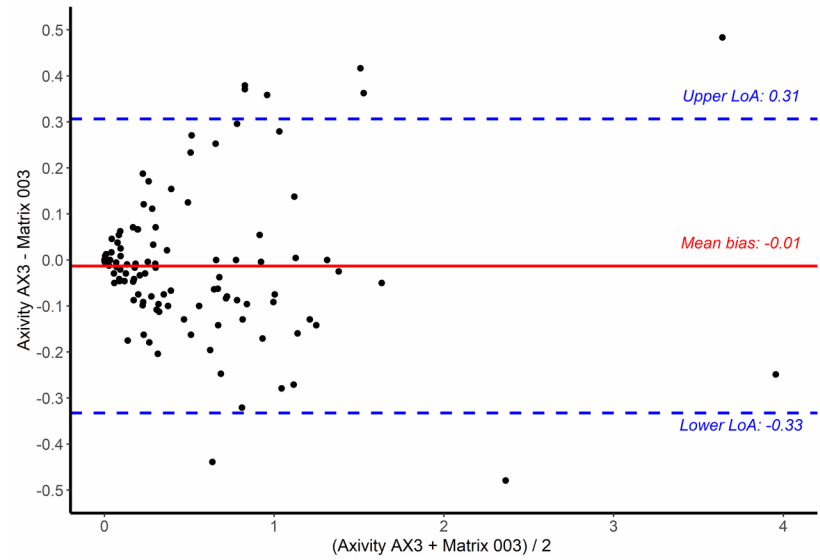
Time above 150 mg (hours/day)

British older adults (N=82)



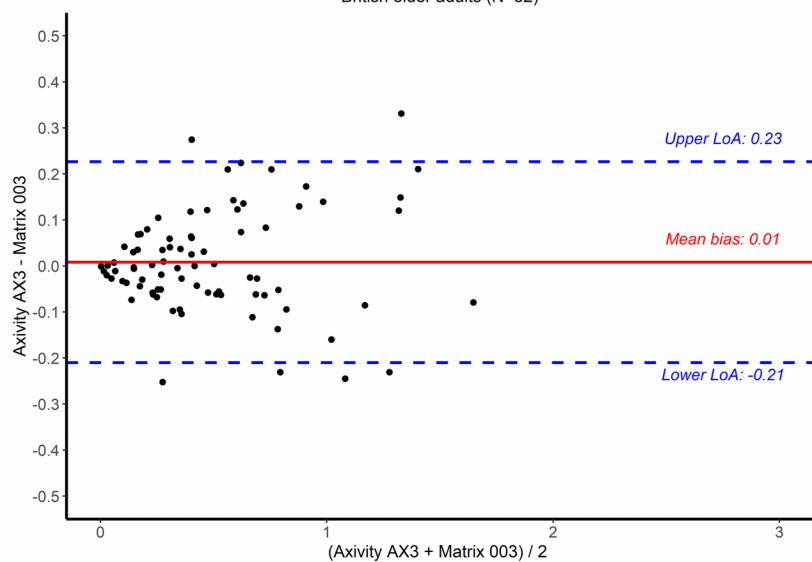
Time above 150 mg (hours/day)

Chinese older adults (N=106)



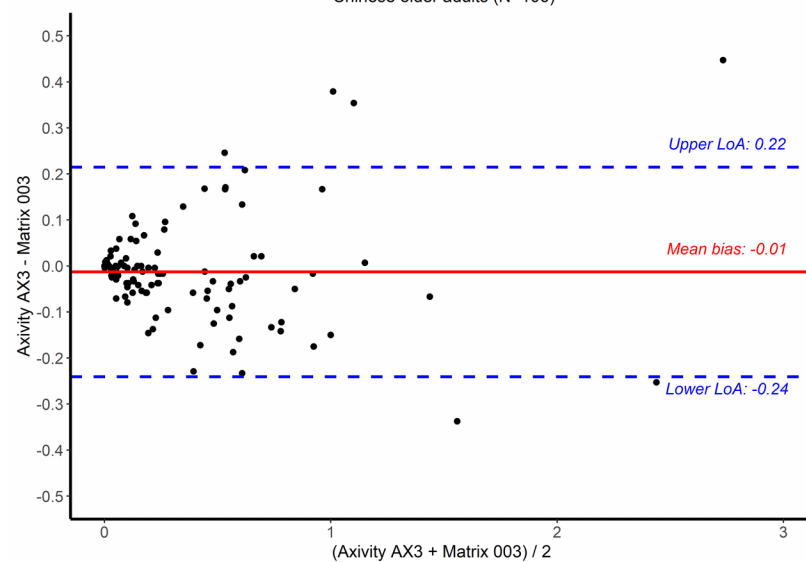
Time above 175 mg (hours/day)

British older adults (N=82)



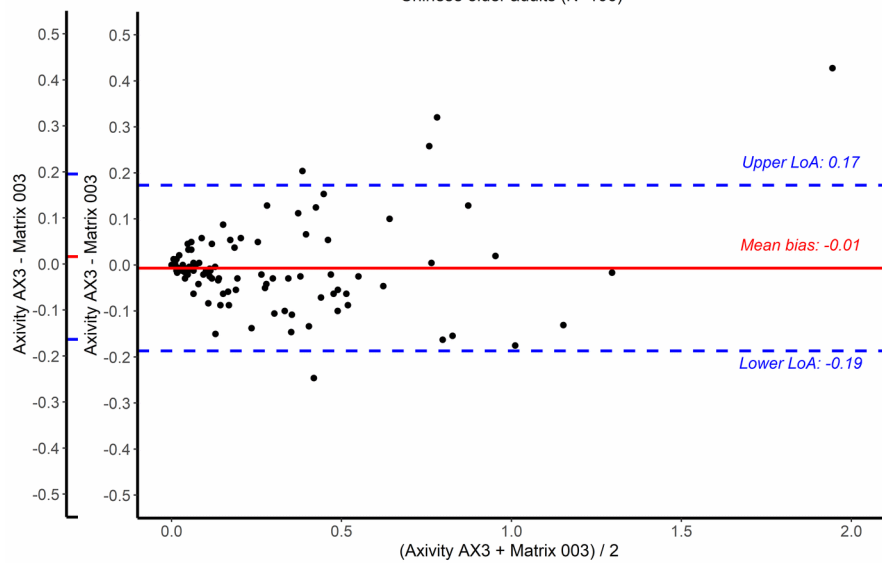
Time above 175 mg (hours/day)

Chinese older adults (N=106)

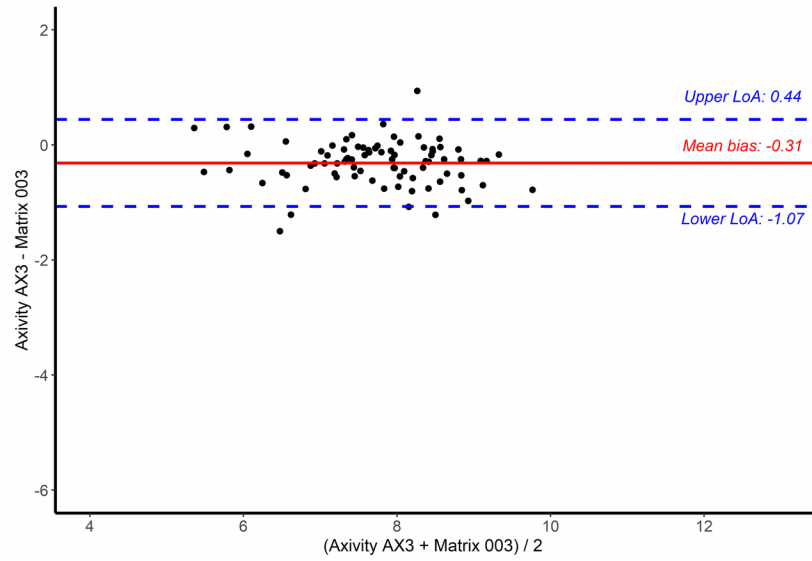


Time above 200 mg (hours/day)

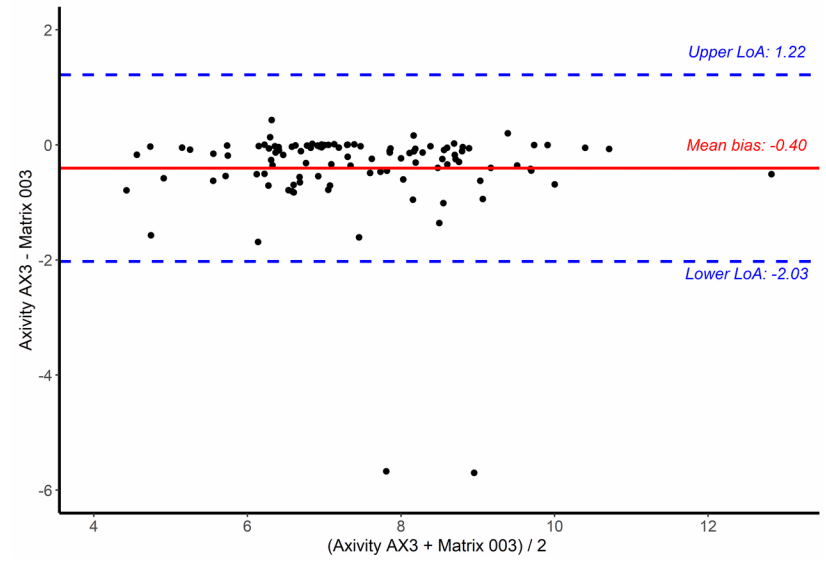
Chinese older adults (N=106)



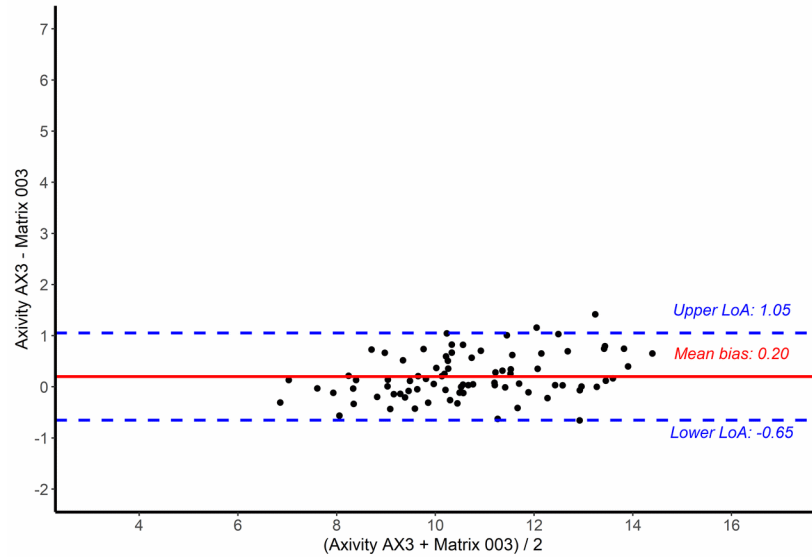
Time in bed (hours/day)
British older adults (N=82)



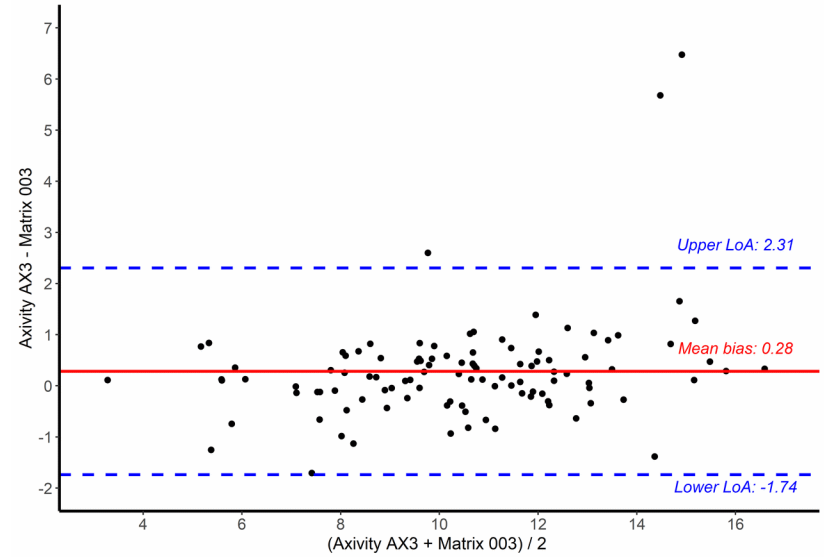
Time in bed (hours/day)
Chinese older adults (N=106)



Sedentary behaviour (hours/day)
British older adults (N=82)

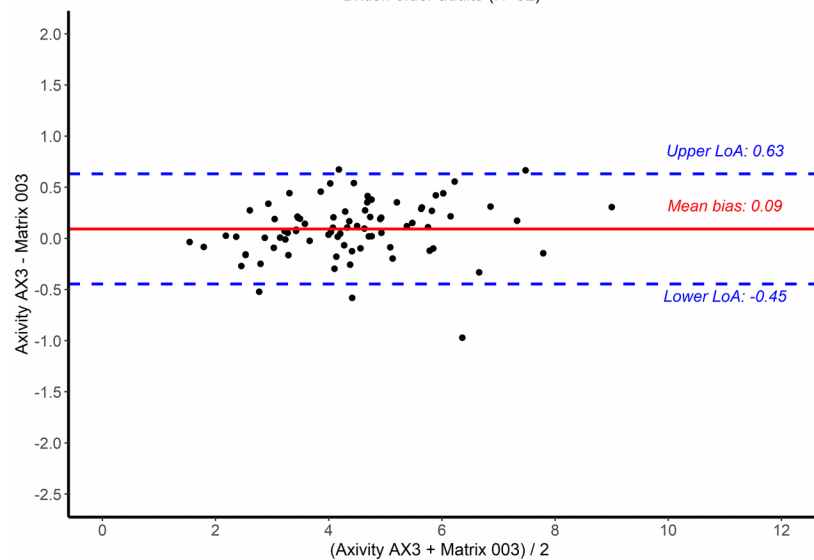


Sedentary behaviour (hours/day)
Chinese older adults (N=106)



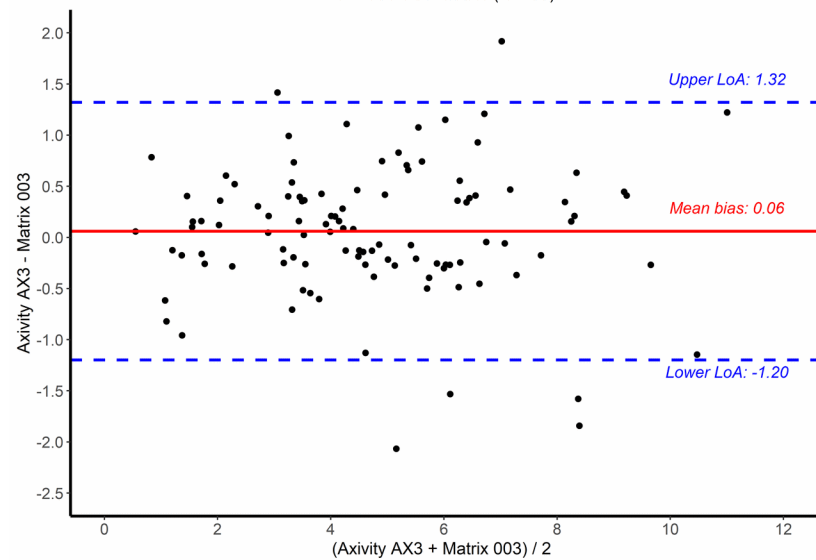
Light physical activity (hours/day)

British older adults (N=82)



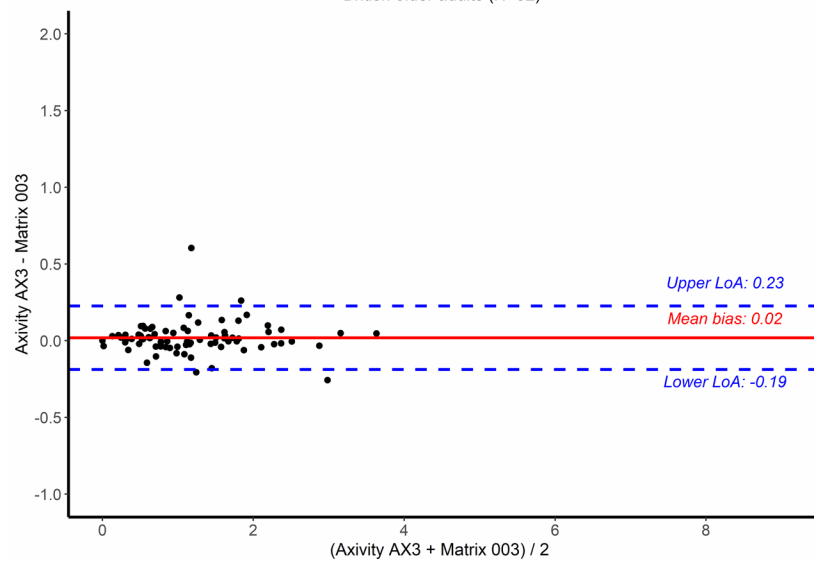
Light physical activity (hours/day)

Chinese older adults (N=106)



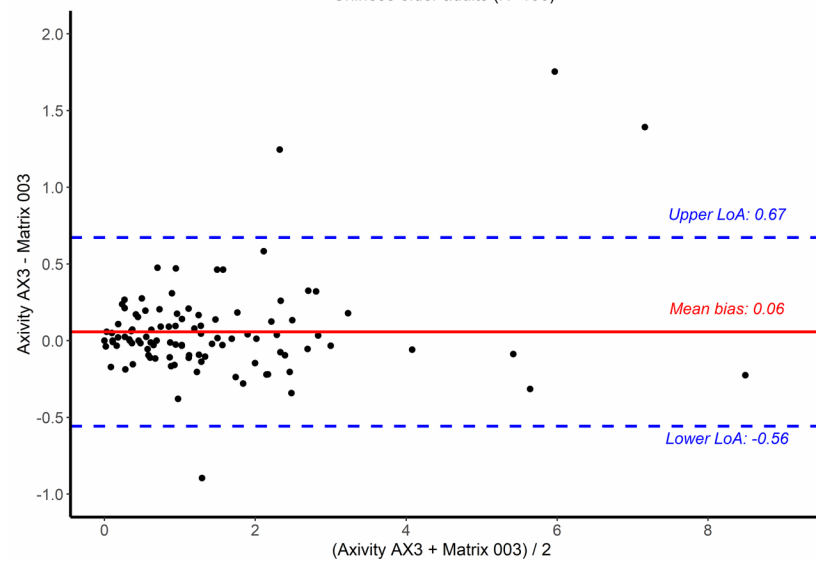
Moderate-vigorous physical activity (hours/day)

British older adults (N=82)



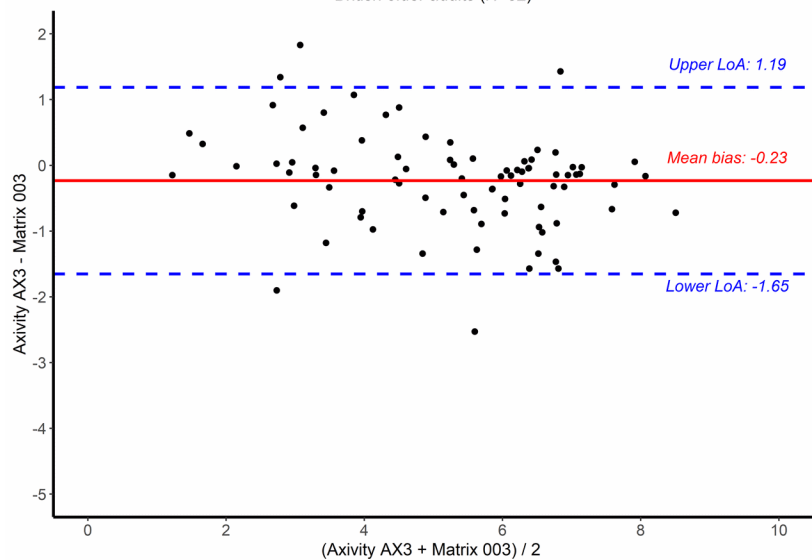
Moderate-vigorous physical activity (hours/day)

Chinese older adults (N=106)



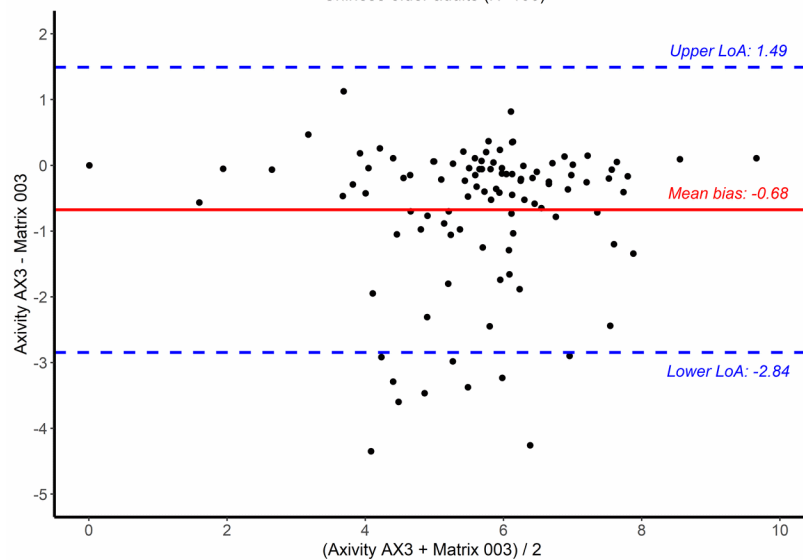
Overnight sleep duration (hours/night)

British older adults (N=82)



Overnight sleep duration (hours/night)

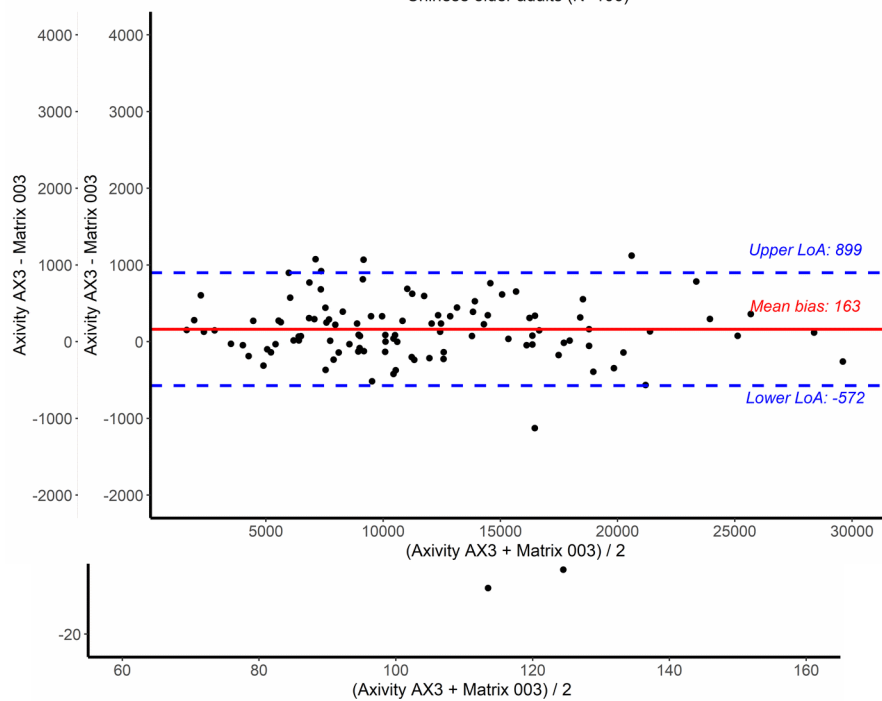
Chinese older adults (N=106)



Sleep efficiency (%) Overall daily step count (steps/day)

Chinese older adults (N=106)

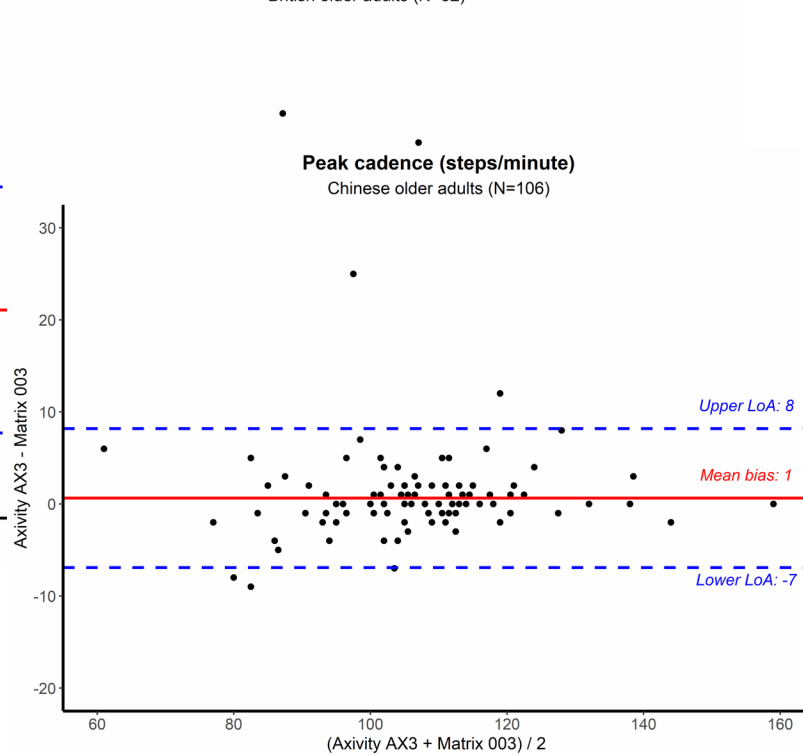
Chinese older adults (N=106)



Sleep efficiency (%) Peak cadence (steps/minute)

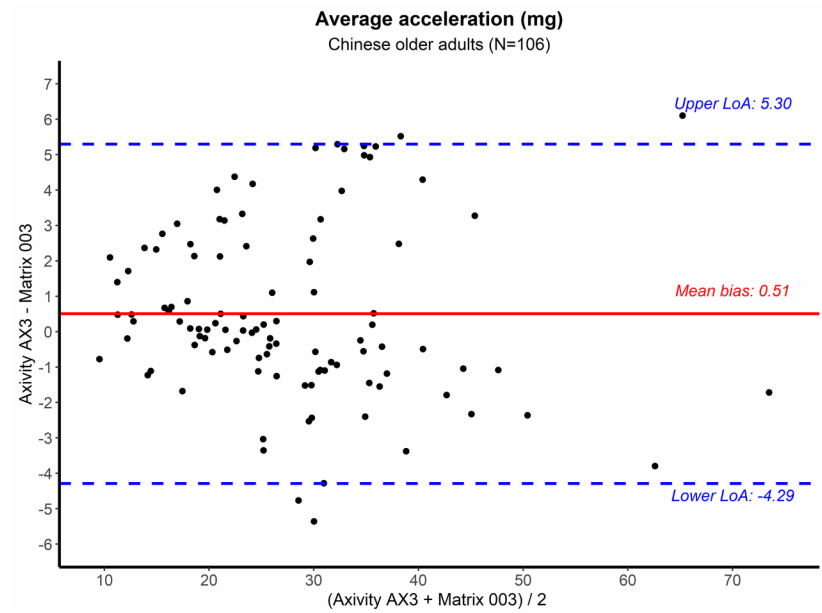
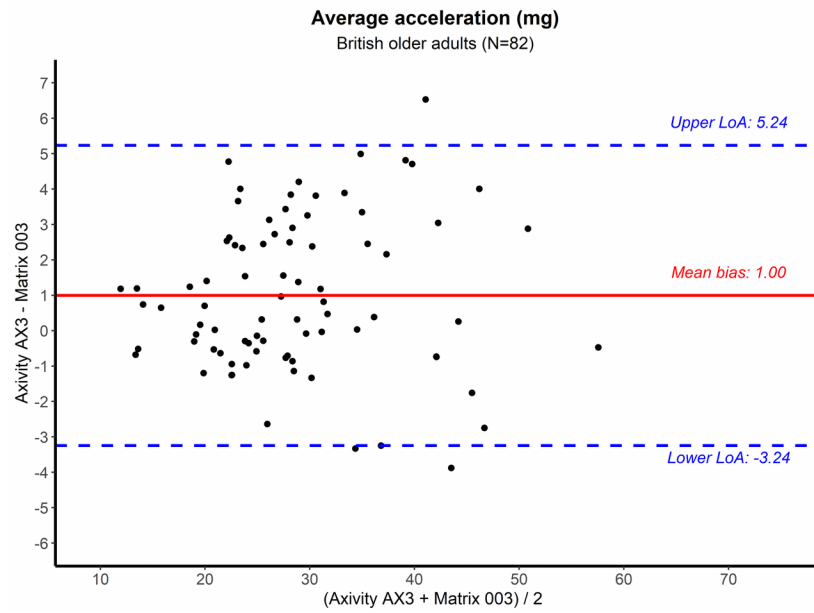
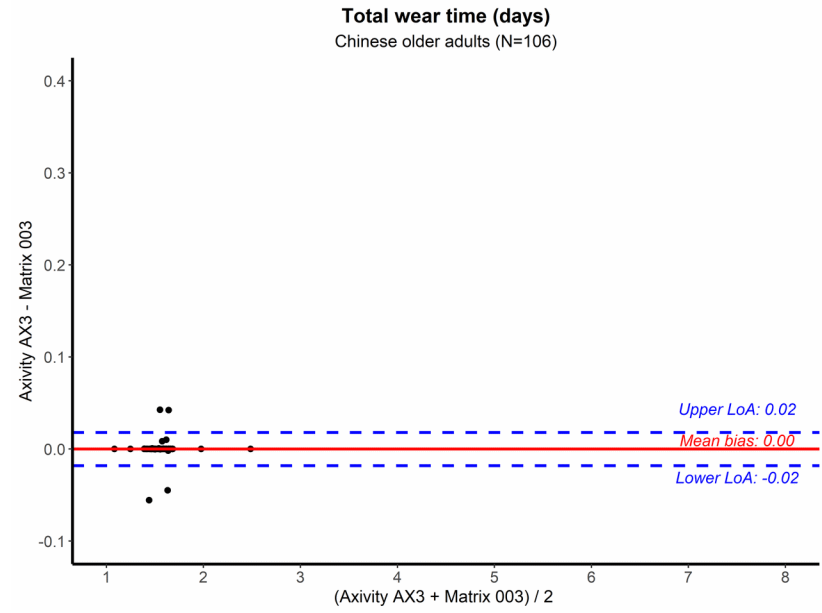
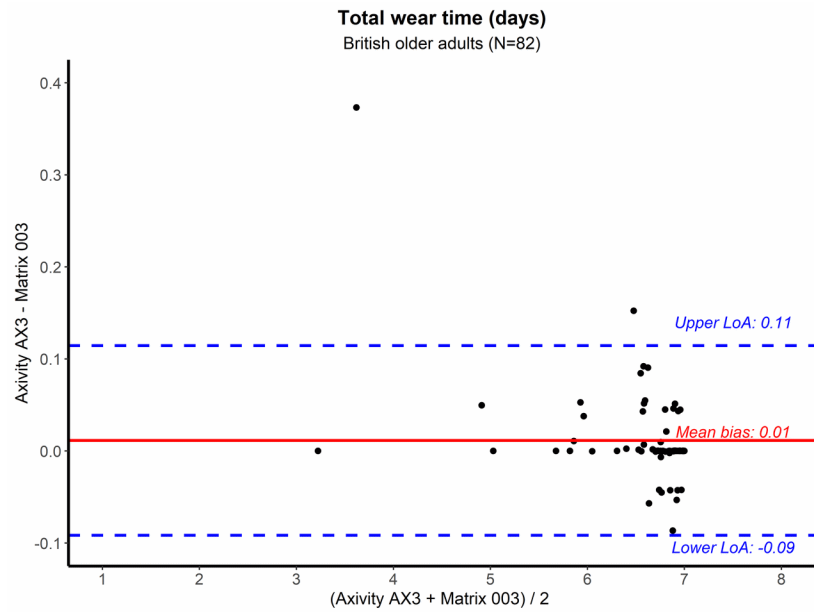
British older adults (N=82)

Chinese older adults (N=106)



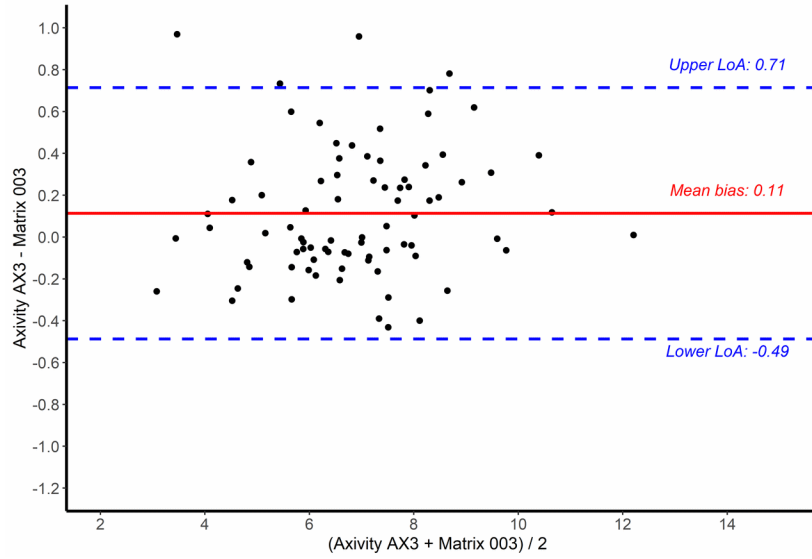
Supplementary Figure S2. Bland-Altman plots for the physical activity and sleep outcomes by nationality.

LoA, 95% limits of agreement.



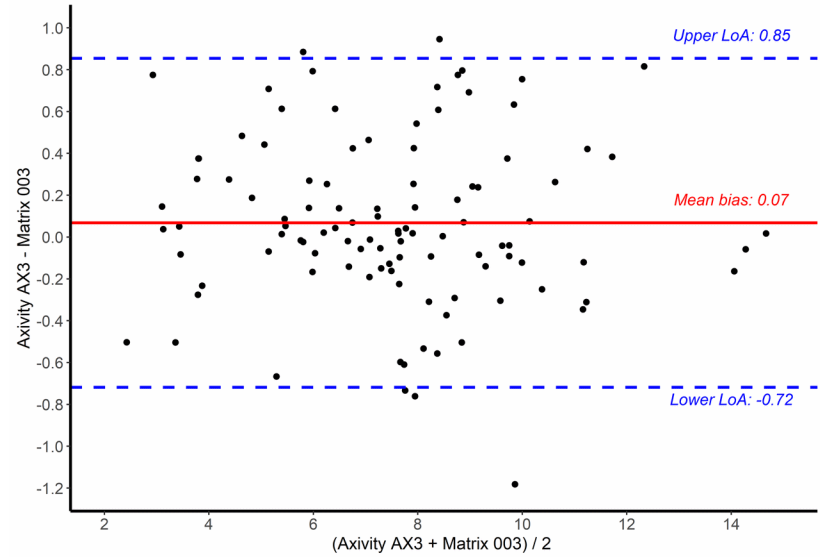
Time above 25 mg (hours/day)

British older adults (N=82)



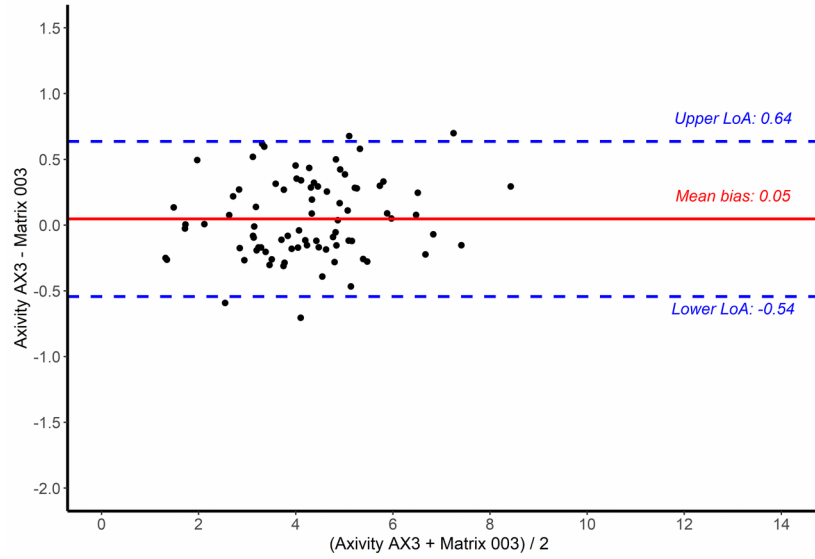
Time above 25 mg (hours/day)

Chinese older adults (N=106)



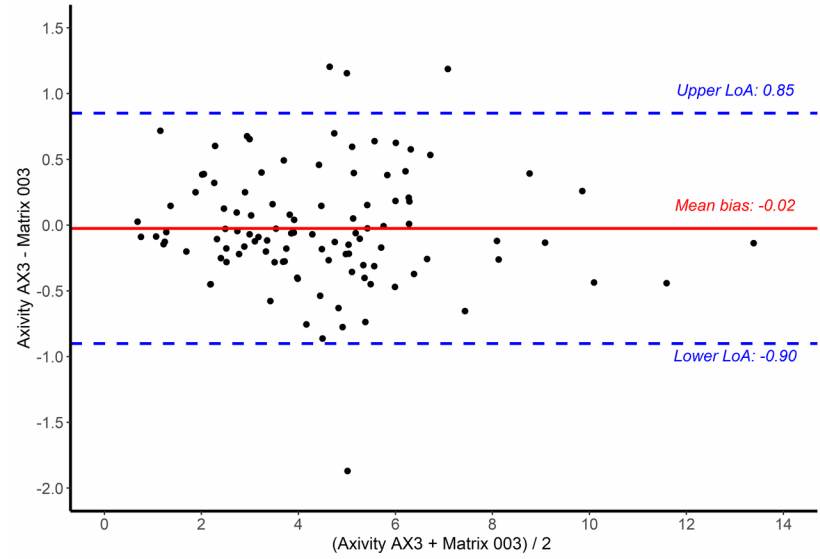
Time above 50 mg (hours/day)

British older adults (N=82)



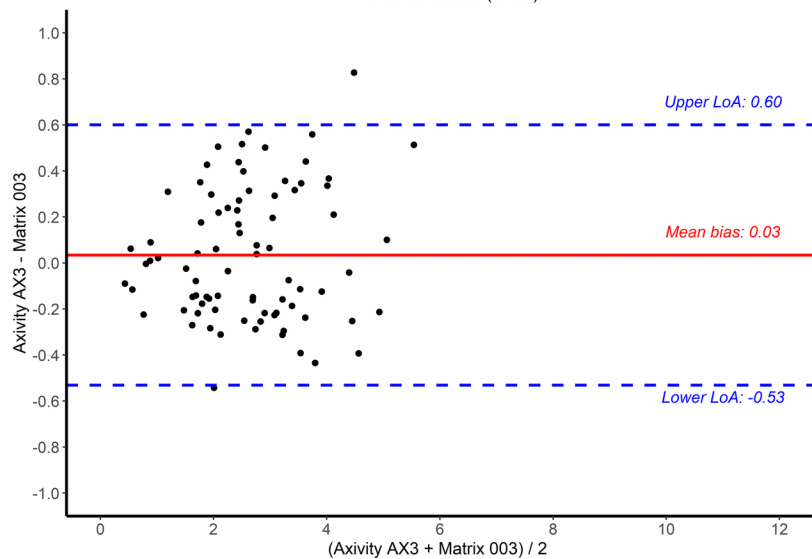
Time above 50 mg (hours/day)

Chinese older adults (N=106)



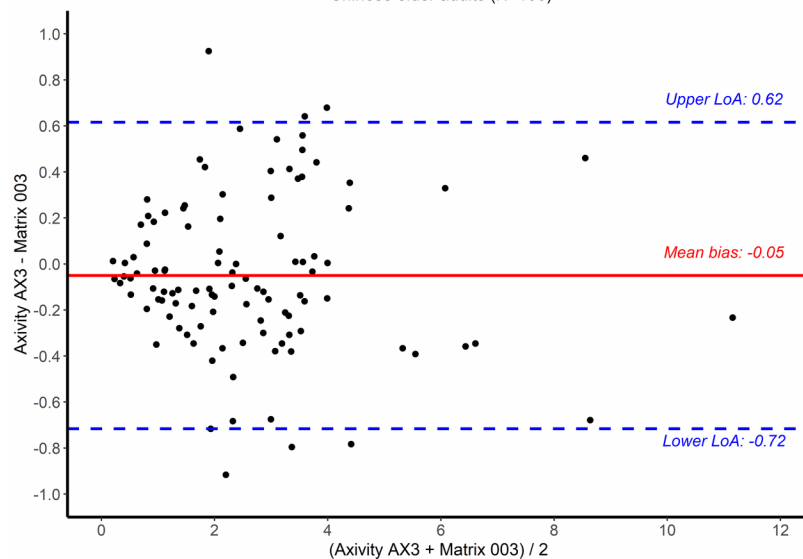
Time above 75 mg (hours/day)

British older adults (N=82)



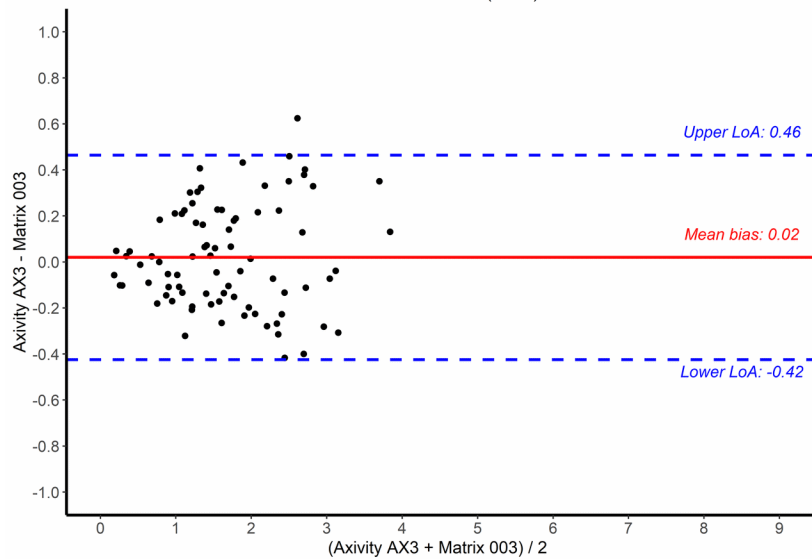
Time above 75 mg (hours/day)

Chinese older adults (N=106)



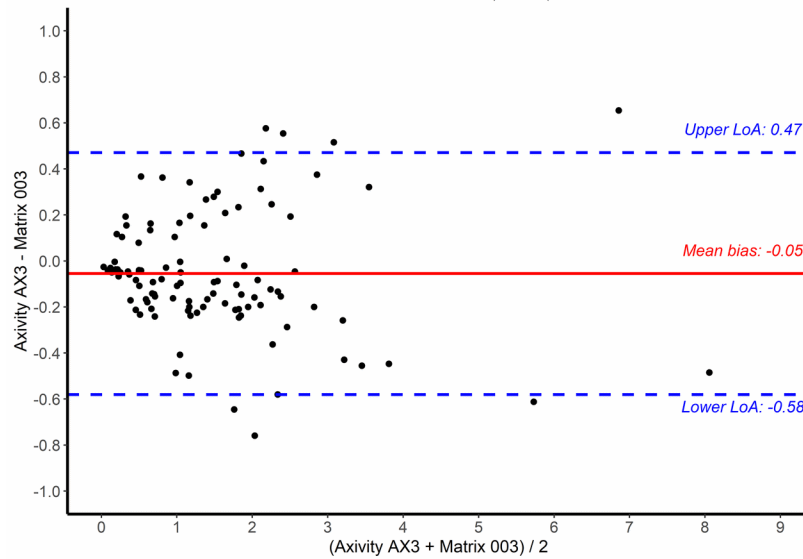
Time above 100 mg (hours/day)

British older adults (N=82)



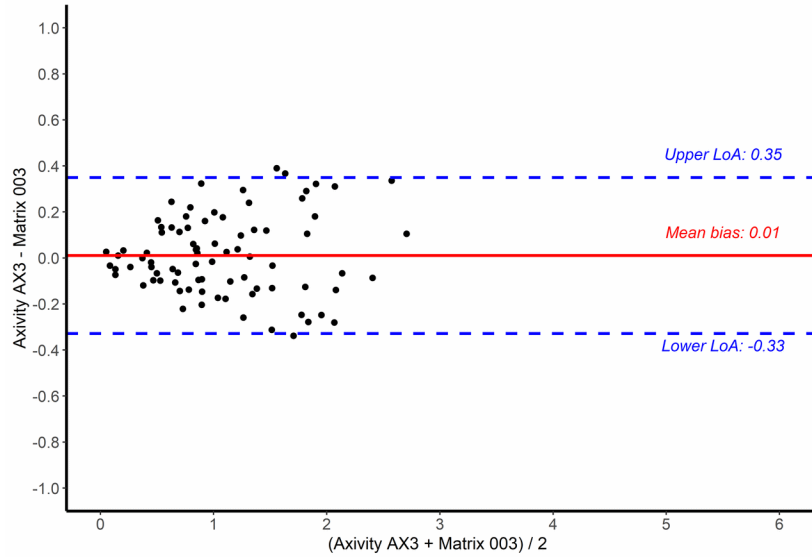
Time above 100 mg (hours/day)

Chinese older adults (N=106)



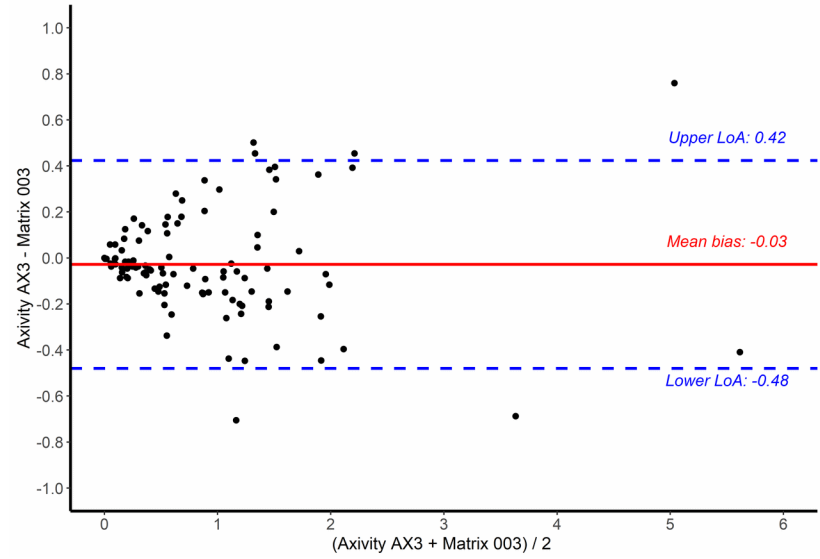
Time above 125 mg (hours/day)

British older adults (N=82)



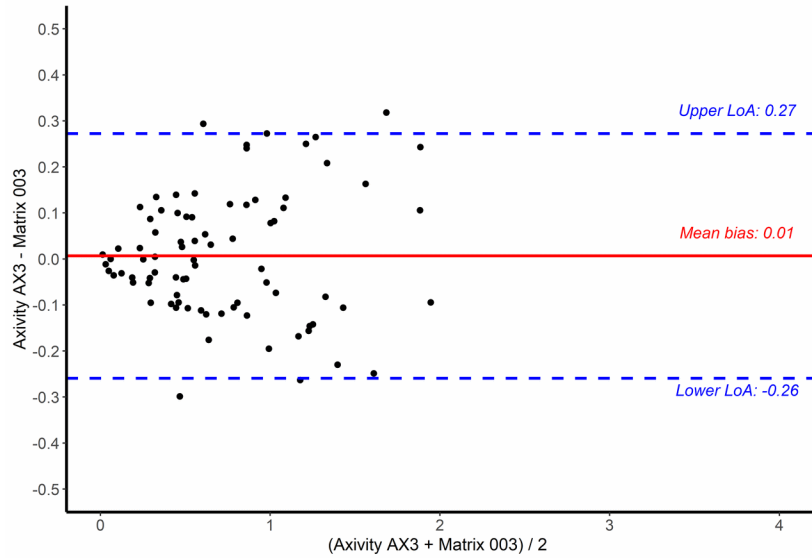
Time above 125 mg (hours/day)

Chinese older adults (N=106)



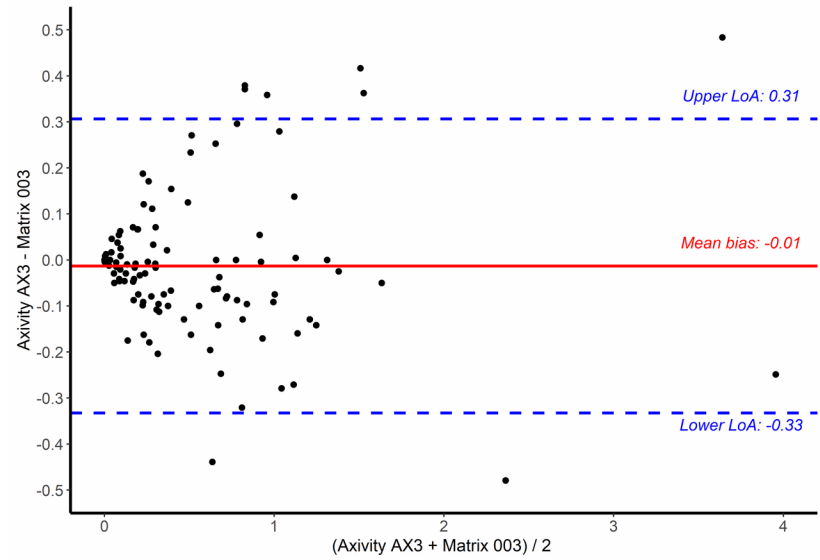
Time above 150 mg (hours/day)

British older adults (N=82)



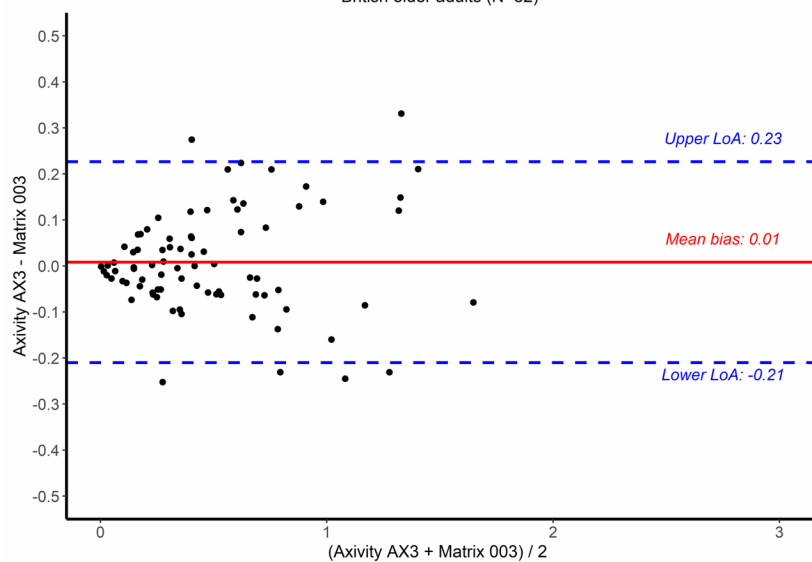
Time above 150 mg (hours/day)

Chinese older adults (N=106)



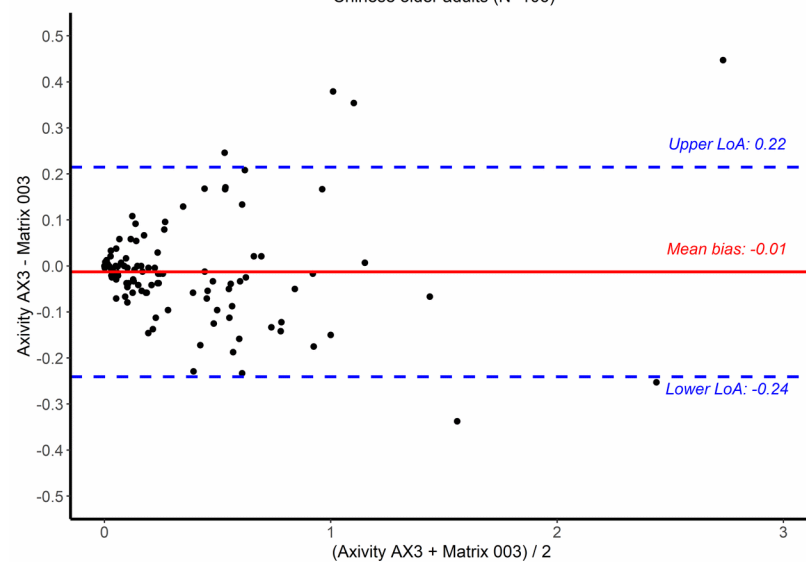
Time above 175 mg (hours/day)

British older adults (N=82)



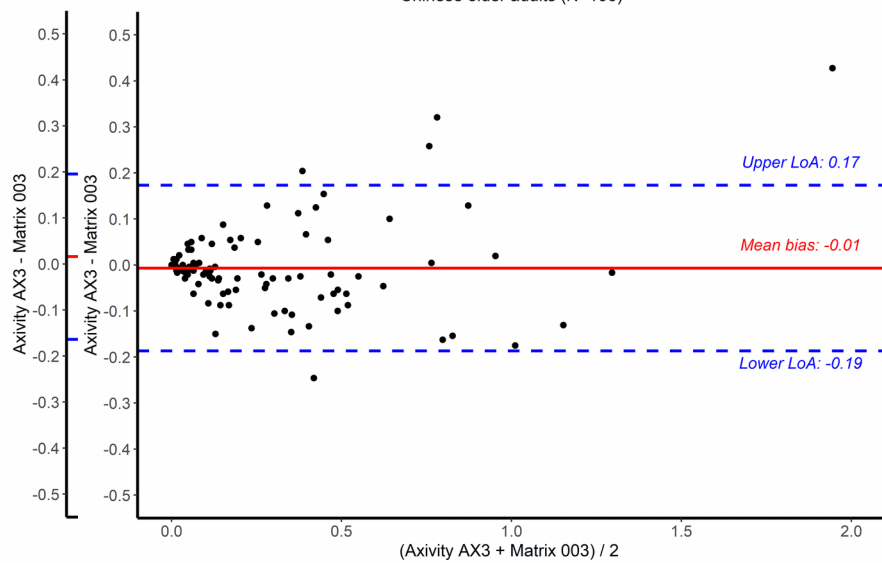
Time above 175 mg (hours/day)

Chinese older adults (N=106)

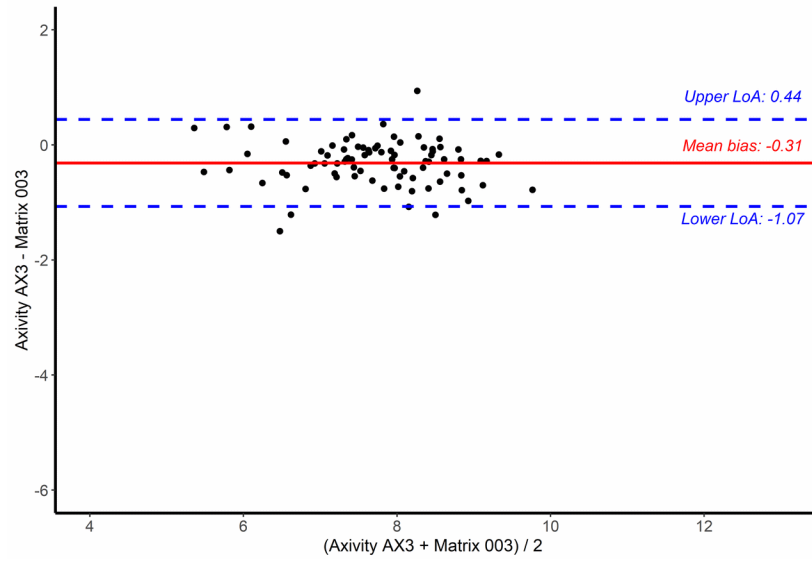


Time above 200 mg (hours/day)

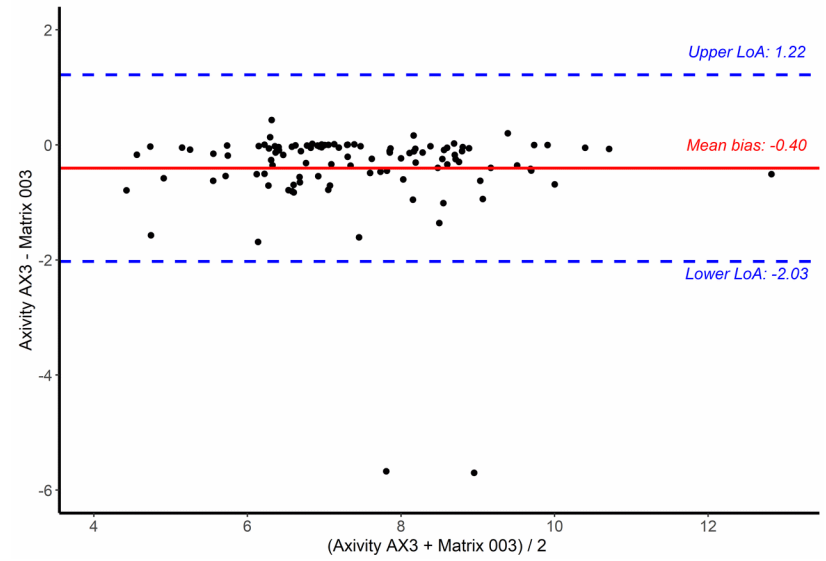
Chinese older adults (N=106)



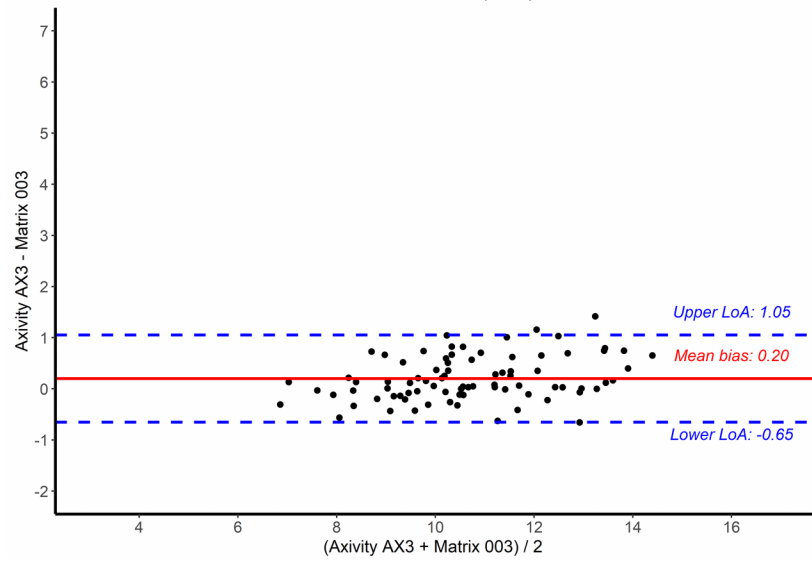
Time in bed (hours/day)
British older adults (N=82)



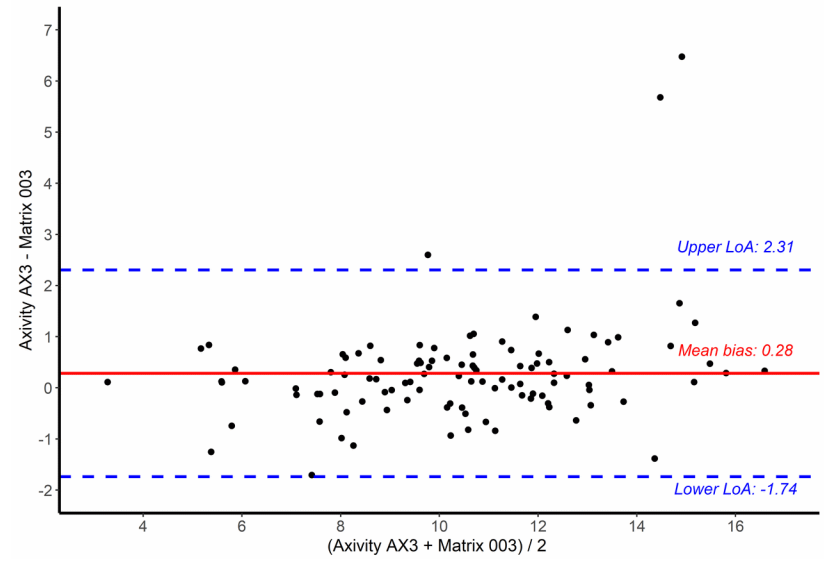
Time in bed (hours/day)
Chinese older adults (N=106)



Sedentary behaviour (hours/day)
British older adults (N=82)

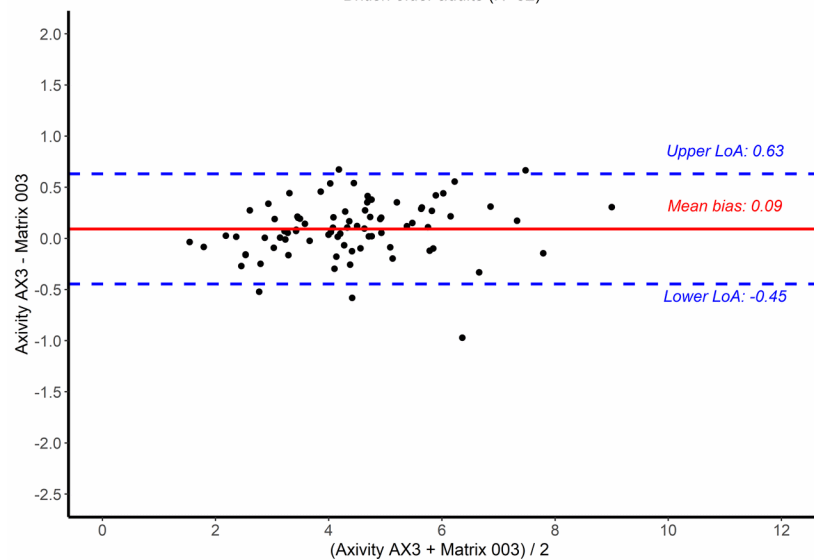


Sedentary behaviour (hours/day)
Chinese older adults (N=106)



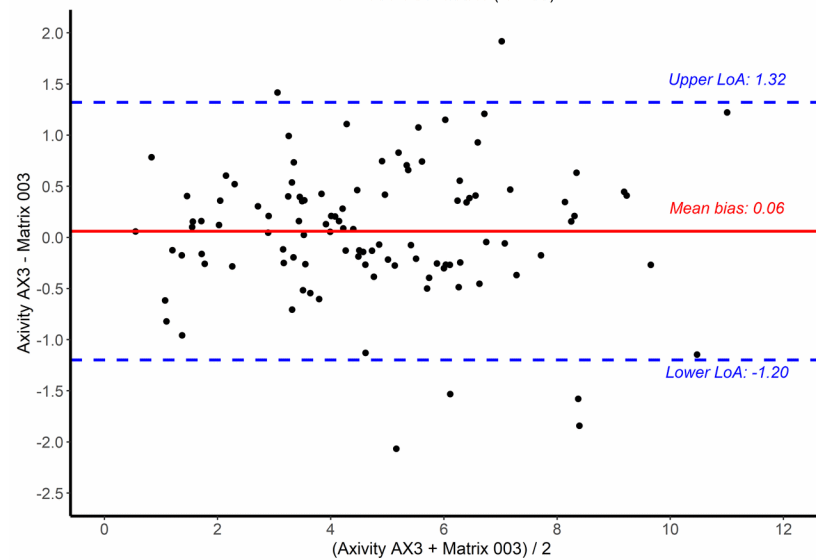
Light physical activity (hours/day)

British older adults (N=82)



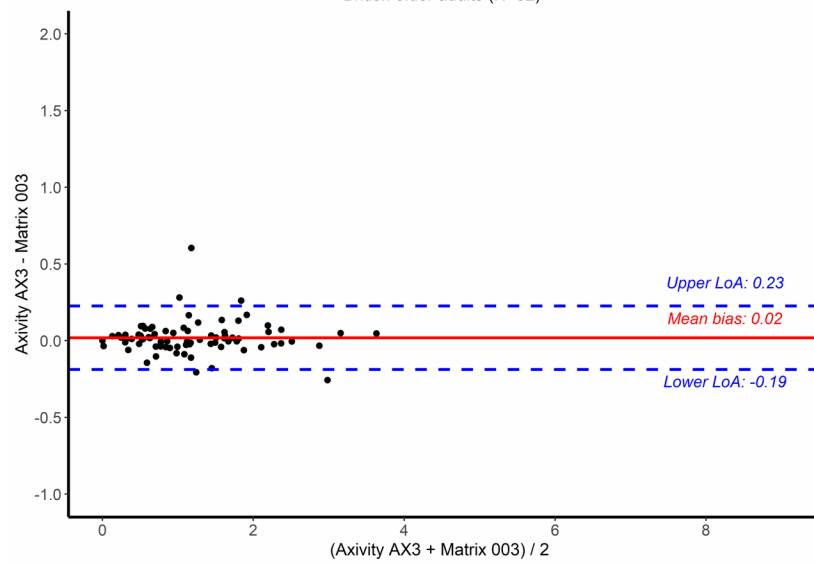
Light physical activity (hours/day)

Chinese older adults (N=106)



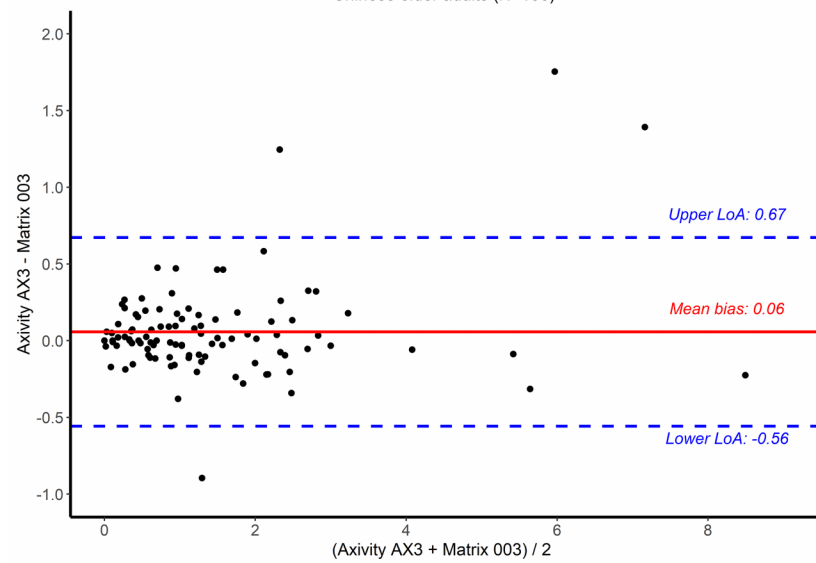
Moderate-vigorous physical activity (hours/day)

British older adults (N=82)



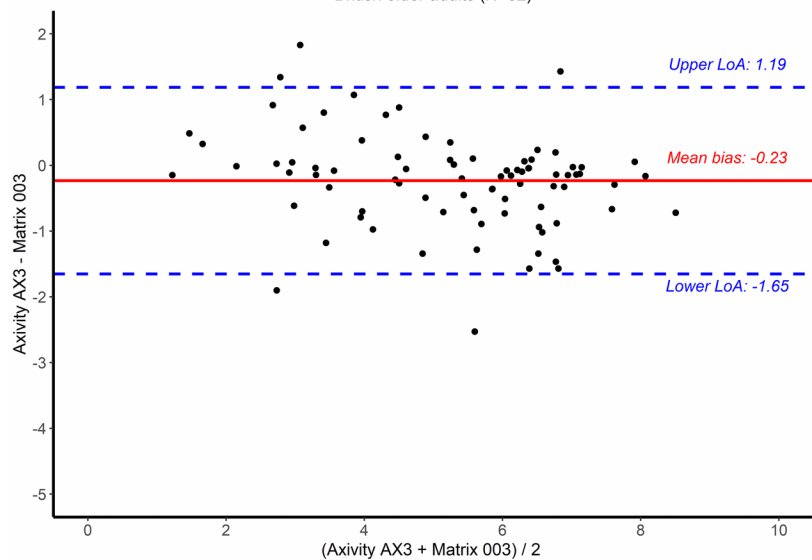
Moderate-vigorous physical activity (hours/day)

Chinese older adults (N=106)



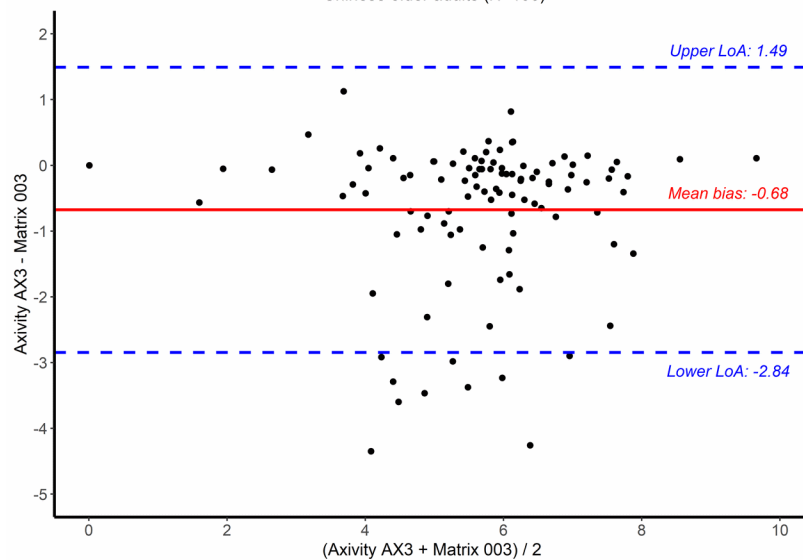
Overnight sleep duration (hours/night)

British older adults (N=82)



Overnight sleep duration (hours/night)

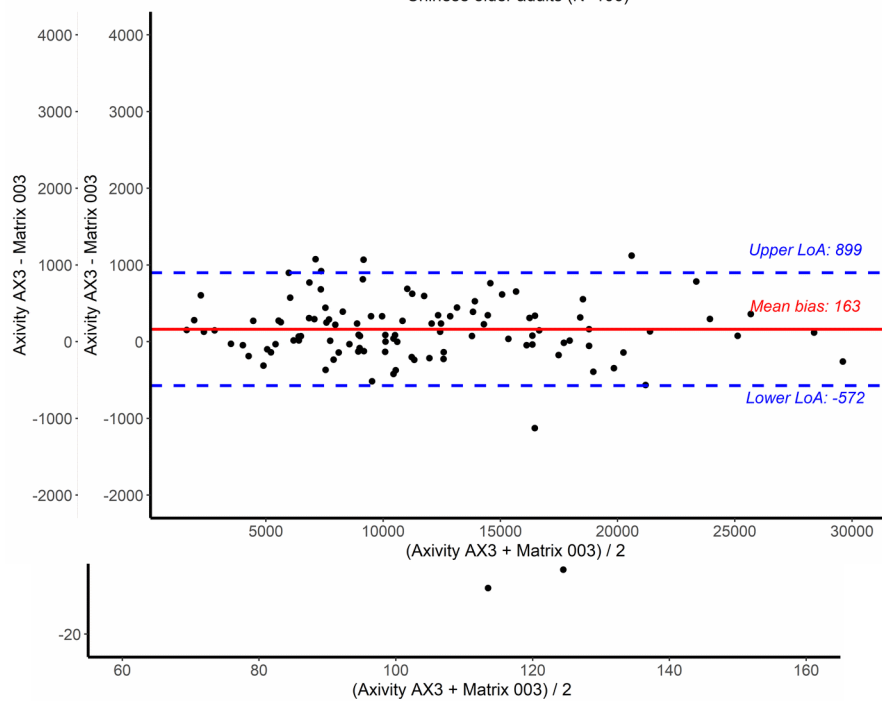
Chinese older adults (N=106)



Sleep efficiency (%) Overall daily step count (steps/day)

Chinese older adults (N=106)

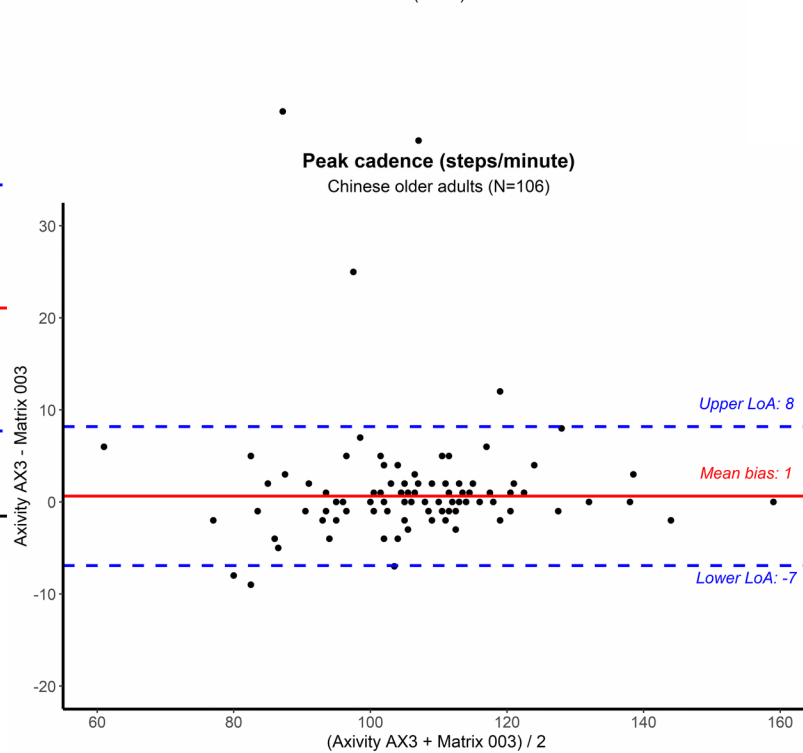
Chinese older adults (N=106)



Sleep efficiency (%) Peak cadence (steps/minute)

British older adults (N=82)

Chinese older adults (N=106)



Supplementary Figure S2. Bland-Altman plots for the physical activity and sleep outcomes by nationality.

LoA, 95% limits of agreement.