Figure S1 - Relation between the cadence of the walking bout (detected by FFT) in the laboratory and the 3 temporal thresholds Th2, Th3, Th4:

Th2 : minimal time between MS = f (cadence)
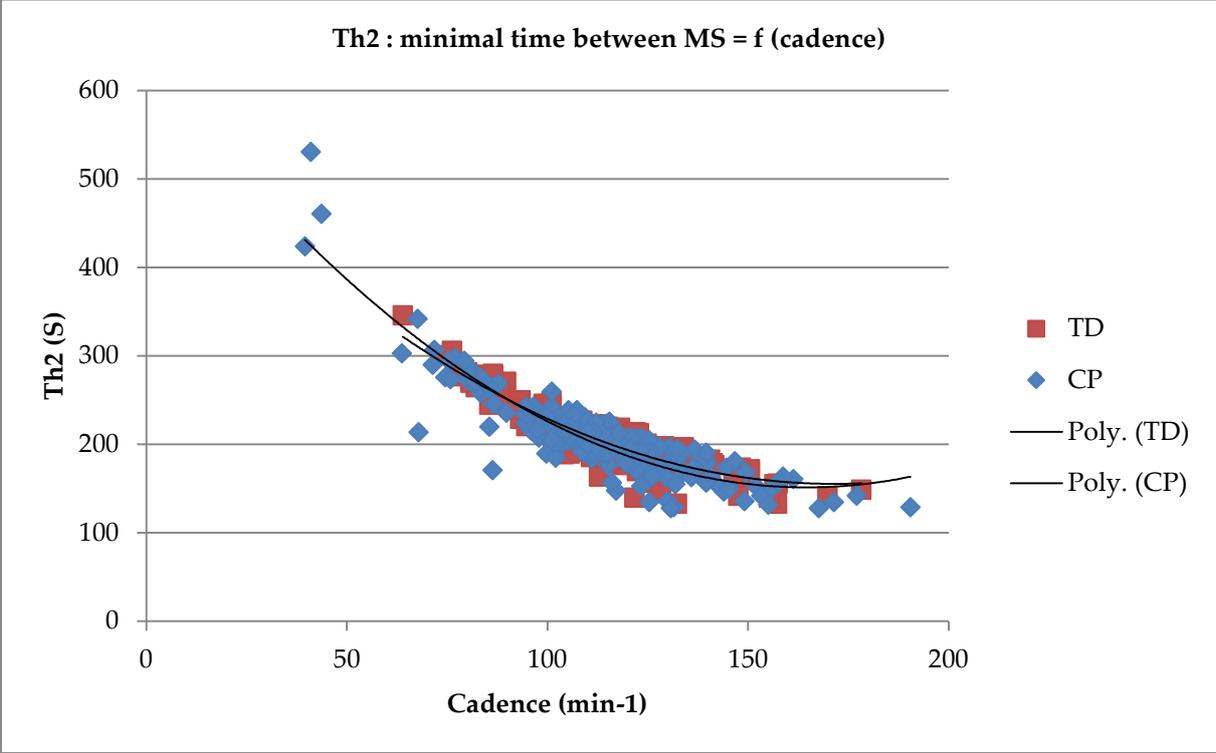
TD : y = 0.0179x² - 5.8958x + 636.31; R² = 0.833
CP: y = 0.0144x² - 4.9303x + 578.11 ; R² = 0.8175
ALL: y = 0.0169x² - 5.6105x + 619.73; R² = 0.825

Th3 : maximal time between MS = f (cadence)
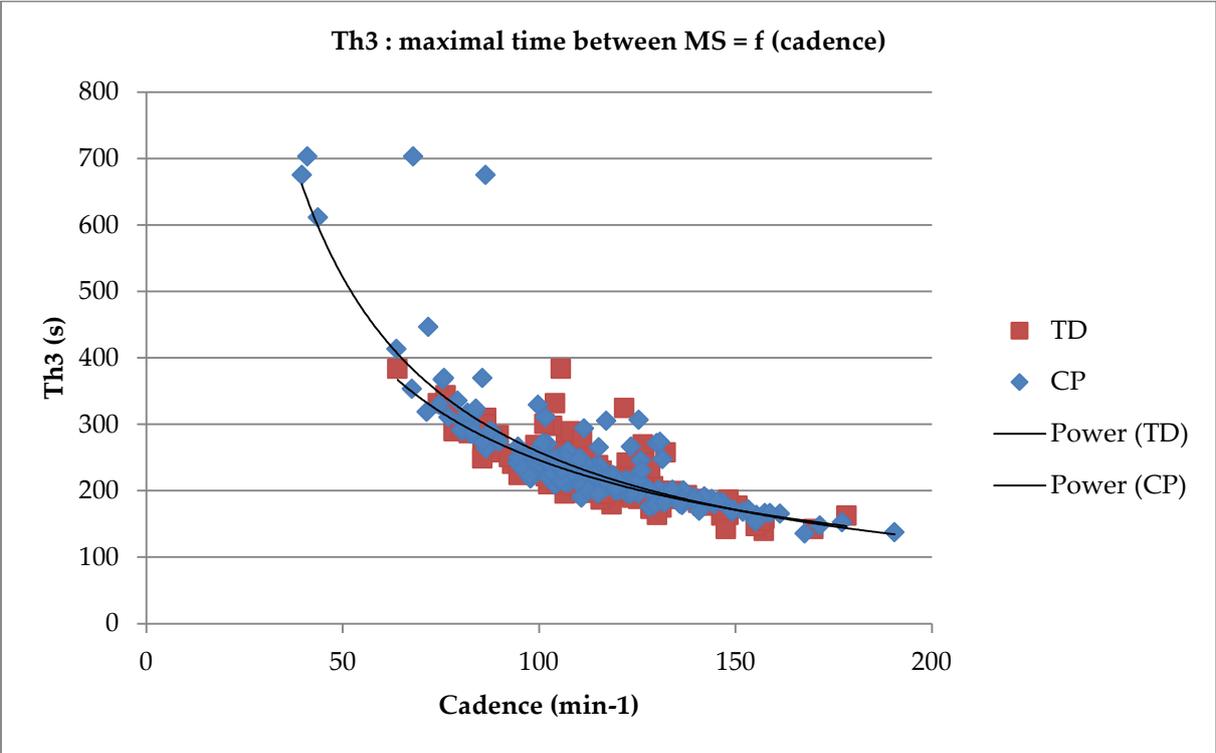
TD : y = 15116x$^{-0.894}$; R² = 0.7861

CP : y = 27637x$^{-1.015}$; R² = 0.6785

ALL : y = 23558x$^{-0.984}$; R² = 0.7523

Th4 : maximal time between MS_R and MS_L = f (cadence)
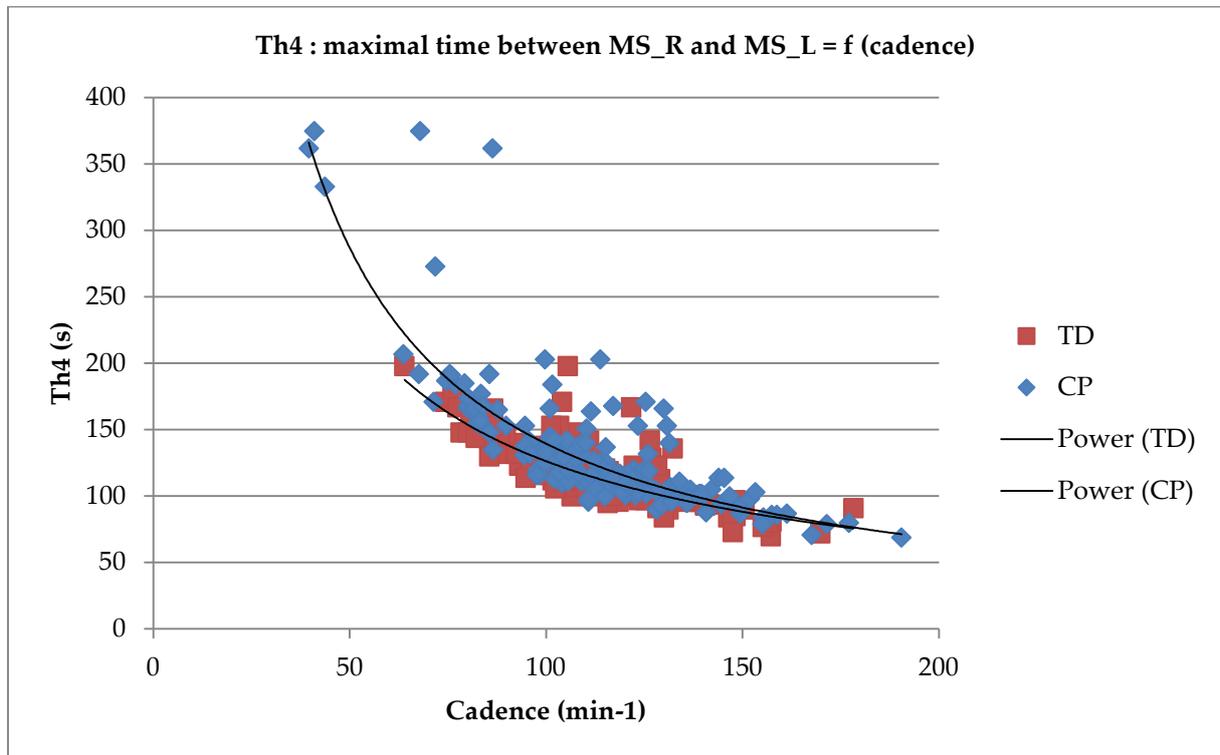
TD : y = 7442.2x$^{-0.885}$; R² = 0.7379

CP : y = 16873x$^{-1.042}$; R² = 0.6565

ALL : y = 14029x$^{-1.011}$; R² = 0.7017