

Supplementary material

These supplementary materials show the average embedding dimension and delay time of LDE.

Table 1. Average (SD) of embedding dimension

Time series	OF	YF
AP acceleration of trunk	12.10(5.88)	11.88(4.97)
ML acceleration of trunk	19.70(7.05)	19.71(7.02)
VT acceleration of trunk	24.75(7.57)	26.29(7.97)
AP angular velocity of trunk	11.10(3.46)	10.47(3.78)
ML angular velocity of trunk	14.35(6.98)	15.00(3.48)
VT angular velocity of trunk	9.45(3.17)	12.06(2.61)

Table 2. Average (SD) of delay time

Time series	OF	YF
AP acceleration of trunk	5.95(0.94)	4.76(1.30)
ML acceleration of trunk	4.60(1.23)	6.41(1.87)
VT acceleration of trunk	4.20(2.17)	3.76(1.75)
AP angular velocity of trunk	7.05(1.82)	8.24(2.41)
ML angular velocity of trunk	5.90(1.48)	6.18(1.42)
VT angular velocity of trunk	9.90(3.54)	8.53(1.91)