

Table 1 Measurement Parameter Settings of ActiGraph wGT3X-BT

NO	Parameter Content	Parameter Setting
1	Testing Instrument	ActiGraph wGT3X-BT
2	Sampling Interval	15s ⁴⁵
3	Definition of Non-wear Time	Choi Algorithm ⁴⁶
4	Minimum Daily Wear Time for Valid Data	≥480 min
5	Minimum Days Included in Statistical Analysis	At least 3 days (2 school days + 1 rest day)
6	Buttle Cut-point Settings	Buttle(2013) Algorithm ⁴⁵
	SB Definition	Counts≤239/60s
	LPA Definition	240/60s≤Counts≤2119/60s
	MPA Definition	2120/60s≤Counts≤4449/60s
	VPA Definition	4450/60s≥Counts

References

45. Zhenya C, Shuming W. Applicability of Sampling Interval and Intensity Cutoff Value of Physical Activity in Preschool Children. *China Sport Science and Technology*. 2022;58(06):17-25.
46. Choi L, Liu Z, Matthews CE, Buchowski MS. Validation of accelerometer wear and nonwear time classification algorithm. *Med Sci Sports Exerc*. 2011;43(2):357-364.