

A, 1 s

Children

ActiGraph	Sed	97.4%	2.6%	0.0%	0.0%	
	Light	15.7%	80.3%	4.0%	0.0%	0.0%
	Moderate	0.0%	42.0%	57.6%	0.4%	0.0%
	Vigorous		0.3%	92.2%	6.5%	0.9%
	V-vigorous		0.0%	60.9%	27.1%	12.0%
	Sed	Light	Moderate	Vigorous	V-vigorous	

4 Hz

Adults

ActiGraph	Sed	96.3%	3.7%	0.1%	0.0%	
	Light	5.9%	85.0%	9.1%	0.0%	
	Moderate	0.0%	20.2%	79.0%	0.8%	0.0%
	Vigorous		0.0%	89.4%	9.0%	1.6%
	V-vigorous		0.0%	64.1%	30.8%	5.1%
	Sed	Light	Moderate	Vigorous	V-vigorous	

4 Hz

ActiGraph	Sed	97.8%	2.2%	0.0%	0.0%	0.0%
	Light	26.5%	70.9%	2.6%	0.0%	0.0%
	Moderate	0.3%	58.6%	40.6%	0.5%	0.1%
	Vigorous		9.0%	83.3%	5.7%	2.0%
	V-vigorous		0.2%	69.8%	20.0%	10.0%
	Sed	Light	Moderate	Vigorous	V-vigorous	

10 Hz

ActiGraph	Sed	96.5%	3.4%	0.0%	0.0%	0.0%
	Light	10.9%	80.8%	8.3%	0.0%	0.0%
	Moderate	0.0%	31.3%	67.8%	0.8%	0.1%
	Vigorous		0.1%	89.5%	7.9%	2.6%
	V-vigorous		0.0%	72.8%	22.0%	5.2%
	Sed	Light	Moderate	Vigorous	V-vigorous	

10 Hz

ActiGraph	Sed	97.9%	2.0%	0.0%	0.0%	0.0%
	Light	44.4%	52.7%	2.9%	0.0%	0.0%
	Moderate	7.8%	60.5%	31.3%	0.4%	0.1%
	Vigorous	0.3%	31.4%	61.3%	5.3%	1.8%
	V-vigorous	0.0%	9.9%	65.9%	16.1%	8.2%
	Sed	Light	Moderate	Vigorous	V-vigorous	

High-Pass

ActiGraph	Sed	96.6%	3.3%	0.1%	0.0%	0.0%
	Light	25.1%	66.2%	8.8%	0.0%	0.0%
	Moderate	1.9%	35.7%	61.6%	0.8%	0.1%
	Vigorous	0.1%	19.3%	70.4%	7.7%	2.5%
	V-vigorous		4.7%	74.1%	16.6%	4.6%
	Sed	Light	Moderate	Vigorous	V-vigorous	

High-Pass

B, 10 s

Children

ActiGraph	Sed	99.7%	0.3%	0.0%		
	Light	19.4%	80.2%	0.3%	0.0%	
	Moderate		44.2%	55.7%	0.1%	0.0%
	Vigorous			91.5%	8.2%	0.3%
	V-vigorous			62.1%	28.7%	9.2%
		Sed	Light	Moderate	Vigorous	V-vigorous

4 Hz

Adults

ActiGraph	Sed	98.0%	2.0%	0.0%		
	Light	3.5%	92.9%	3.6%		
	Moderate		16.0%	83.0%	0.9%	0.0%
	Vigorous			79.6%	18.0%	2.4%
	V-vigorous			58.1%	34.1%	7.8%
		Sed	Light	Moderate	Vigorous	V-vigorous

4 Hz

ActiGraph	Sed	99.6%	0.3%	0.0%	0.0%	
	Light	34.3%	65.3%	0.4%	0.0%	0.0%
	Moderate		61.4%	38.4%	0.2%	0.0%
	Vigorous		0.2%	90.4%	8.5%	0.9%
	V-vigorous			69.0%	22.4%	8.6%
		Sed	Light	Moderate	Vigorous	V-vigorous

10 Hz

ActiGraph	Sed	98.4%	1.6%	0.0%		
	Light	9.8%	87.1%	3.1%	0.0%	
	Moderate		27.5%	71.4%	0.9%	0.1%
	Vigorous			80.8%	15.1%	4.2%
	V-vigorous			65.6%	27.1%	7.3%
		Sed	Light	Moderate	Vigorous	V-vigorous

10 Hz

ActiGraph	Sed	99.7%	0.3%	0.0%		
	Light	49.8%	49.9%	0.4%	0.0%	0.0%
	Moderate	0.4%	70.4%	29.0%	0.2%	0.0%
	Vigorous	0.0%	10.7%	80.8%	7.7%	0.9%
	V-vigorous		0.5%	72.5%	19.8%	7.1%
		Sed	Light	Moderate	Vigorous	V-vigorous

High-Pass

ActiGraph	Sed	98.3%	1.7%	0.0%		
	Light	16.9%	79.5%	3.6%	0.0%	
	Moderate	0.0%	30.5%	68.5%	0.9%	0.1%
	Vigorous		0.1%	80.5%	15.3%	4.1%
	V-vigorous			68.3%	24.9%	6.7%
		Sed	Light	Moderate	Vigorous	V-vigorous

High-Pass

C, 60 s

Children

ActiGraph	Sed	99.9%	0.1%			
	Light	21.5%	78.3%	0.1%		
	Moderate		45.5%	54.5%	0.0%	
	Vigorous			95.6%	4.4%	0.1%
	V-vigorous			66.0%	26.7%	7.3%
		Sed	Light	Moderate	Vigorous	V-vigorous

4 Hz

Adults

ActiGraph	Sed	97.6%	2.4%	0.0%		
	Light	2.0%	95.6%	2.3%		
	Moderate		12.8%	85.8%	1.4%	0.0%
	Vigorous			57.3%	39.5%	3.1%
	V-vigorous			24.8%	51.4%	23.7%
		Sed	Light	Moderate	Vigorous	V-vigorous

4 Hz

ActiGraph	Sed	99.9%	0.1%	0.0%		
	Light	36.3%	63.6%	0.2%	0.0%	
	Moderate		60.4%	39.5%	0.0%	
	Vigorous		0.1%	94.2%	5.5%	0.1%
	V-vigorous			75.4%	19.8%	4.8%
		Sed	Light	Moderate	Vigorous	V-vigorous

10 Hz

ActiGraph	Sed	98.3%	1.7%	0.0%		
	Light	7.9%	90.4%	1.7%	0.0%	
	Moderate		22.9%	75.4%	1.5%	0.1%
	Vigorous			59.6%	34.0%	6.3%
	V-vigorous			28.0%	49.7%	22.2%
		Sed	Light	Moderate	Vigorous	V-vigorous

10 Hz

ActiGraph	Sed	99.9%	0.1%	0.0%		
	Light	47.3%	52.6%	0.1%	0.0%	
	Moderate	0.0%	68.5%	31.4%	0.0%	0.0%
	Vigorous		3.6%	91.3%	5.0%	0.1%
	V-vigorous			79.3%	17.8%	2.9%
		Sed	Light	Moderate	Vigorous	V-vigorous

High-Pass

ActiGraph	Sed	98.0%	2.0%	0.0%		
	Light	11.6%	86.4%	2.0%	0.0%	
	Moderate	0.0%	23.6%	74.8%	1.5%	0.1%
	Vigorous			61.2%	32.2%	6.6%
	V-vigorous			28.4%	50.9%	20.7%
		Sed	Light	Moderate	Vigorous	V-vigorous

High-Pass