ERRATUM

Erratum to: Sitting position affects performance in cross-country sit-skiing

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The author would like to correct the errors in the publication of the original article. The corrected details are given below:

In the abstract, second sentence of the result section should read as:

Results KL reduced spinal flexion and range of motion at the hip joint and indicated more muscle activation in the triceps. Performance ($W\ kg^{-1}$) was impeded in both WIN (KH 1.40 ± 0.30 vs. KL 1.13 ± 0.33 , $p < 0.01$) and MAX (KH 0.88 ± 0.19 vs. KL 0.67 ± 0.14 , $p < 0.01$). KH resulted in lower lactate concentration, anaerobic metabolic rate, and minute ventilation for equal power output.

In the Results, Physiology section, fifth paragraph should read as:

RER was higher in KL than KH during SUB [main effect of position $F(1, 5) = 22.42$, $p < 0.01$] but showed no difference during MAX (Table 2). During SUB, GE was between 5.2 and 6.9% and increased with increasing workload. No difference in GE was observed between sitting positions in SUB2–4 [no main effect of position $F(1, 6) = 1.74$, $p = 0.24$, Table 2]. Higher total metabolic rate (MR_{tot}) was observed for KL [$F(1, 5) = 10.27$, $p < 0.05$] and showed no difference in MAX ($p = 0.15$) which resulted in higher efficiency (PO/MR_{tot}) in MAX for KH (3.9 ± 0.7 vs. $3.2 \pm 0.6\%$, $p < 0.05$).

In the Conclusion section, third sentence should read as:

The KL position was also associated with improved respiration, but it impeded performance.

In Table 2, GE row was incorrect. The correct table is given below:

The online version of the original article can be found under doi: [10.1007/s00421-017-3596-y](https://doi.org/10.1007/s00421-017-3596-y).

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Table 2 Results of physiological parameters at submaximal level 2 (SUB2), 4 (SUB4) and maximal time-trial test (MAX)

Parameter	SUB2 (<i>n</i> = 10)		SUB4 (<i>n</i> = 7)		MAX (<i>n</i> = 10)	
	KL	KH	KL	KH	KL	KH
RER	0.95 ± 0.07	0.89 ± 0.06*	1.02 ± 0.07	0.95 ± 0.04*	1.08 ± 0.08	1.10 ± 0.08
BR (breaths min ⁻¹)	38.3 ± 6.7	35.1 ± 4.6	43.6 ± 7.8	39.2 ± 5.0	66.6 ± 8.9	67.4 ± 4.6
VT (l breath ⁻¹)	1.1 ± 0.1	1.0 ± 0.1	1.4 ± 0.2	1.2 ± 0.09	1.8 ± 0.4	1.6 ± 0.3*
MRae (J s ⁻¹)	426.5 ± 44.9	402.8 ± 21.4	569.6 ± 69.1	537.1 ± 37.1	778.4 ± 190.1	798.6 ± 104.9
MRae/MRtot	0.92 ± 0.06	0.96 ± 0.04*	0.77 ± 0.08	0.86 ± 0.1*	0.61 ± 0.05	0.59 ± 0.05
MRan (J s ⁻¹)	36.7 ± 30.5	16.8 ± 21.1*	175.9 ± 88.9	99.0 ± 84.1*	507.4 ± 160.0	575.8 ± 147.4
MRan/MRtot	0.074 ± 0.06	0.038 ± 0.05*	0.23 ± 0.08	0.14 ± 0.1*	0.39 ± 0.05	0.41 ± 0.05
MRtot (J s ⁻¹)	463.2 ± 66.2	419.5 ± 33.8*	745.4 ± 129.6	636.0 ± 108.6*	1285.9 ± 331.7	1374.4 ± 222.2
GE	5.2 ± 0.4	5.5 ± 0.3	6.3 ± 0.8	6.9 ± 0.5	—	—

RER respiratory exchange ratio, BR breathing rate, VT tidal volume, MRae MRan metabolic rate aerobic and anaerobic and their ratio to MRtot total metabolic rate (MRae + MRan), GE gross efficiency

Asterisk (*) denotes significant difference ($p < 0.05$) between knee low (KL) and knee high (KH) for that workload