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Title: Trunk rotation alters postural sway but not gait in female children and early adolescents: Results from a school-based screening for scoliosis

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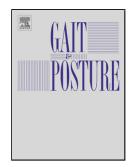
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ACCEPTED MANUSCRIPT

Trunk rotation alters postural sway but not gait in female children and early adolescents: results from a school-based screening for scoliosis

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This manuscript is composed by 2998 words and it includes 4 tables and 1 figure. The abstract is 254 words long

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Highlights

- 1. We assessed balance and gait in children and adolescents with ATR $\geq 5^{\circ}$
- 2. Postural sway was found increased only in girls with ATR \geq 5° but not boys
- 3. Spatio-temporal parameters of gait were not affected by trunk rotation

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