Reviewer's report

**Title:** Inter- and intraobserver reliability assessment of the axial trunk rotation: manual versus smartphone-aided measurement tools

**Version:** 3  
**Date:** 30 August 2014  
**Reviewer:** Silvana De Giorgi

**Reviewer's report:**

I would rewrite the conclusions of the abstract and of the article:
Smartphone-aided measurement for ATR showed excellent reliability. The reliability of measurement with either scoliometer or scoliogauge could be influenced by Cobb Angle. It was better for curves with larger Cobb angles.

The references added by the authors do not include Perdriolle method (Ref 16, Ref17). This paper should be included by the authors.

**Level of interest:** An article whose findings are important to those with closely related research interests

**Quality of written English:** Acceptable

**Statistical review:** Yes, but I do not feel adequately qualified to assess the statistics.

**Declaration of competing interests:**

I declare that I have no competing interests.