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Atmospheric Measurement Techniques Discussions

Interactive comment on "Smartphone Pressure Data: Quality Control and Impact on Atmospheric Analysis" *by* Rumeng Li et al.

Colin Price (Referee)

cprice@flash.tau.ac.il

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This is an interesting paper that uses pressure sensors within smartphones to study atmospheric processes. The authors present a methodology of "cleaning" the data and removing the bias, and then present a case study of a hail storm showing the added value of these pressure sensor data from smartphones. The paper is well written, clear, and easy to follow. I only have some minor technical issues and language corrections.

Line 18: hailstorm that occurred...

Line 111: In order to evaluate ....

Line 140-1: what do you mean by two "belts"?

Line 157: How come the App is not open all the time? Cannot it not run in the background?

Line 163-4: How do you see the earlier volume in the northeast China? I do not see this on Fig. A2b. It is not shown any time parameters.

Line 165: hailstorm that occurred.....

Line 217: hence are able....

Line 229-30: Location of radar and surface stations NOT shown in Fig. A3.

Line 231-240: There is a mix up between the text and the figures. The Fig. 10 only has panels for SFC and SCC+SP, and not SP alone. So all letters in text need to be fixed.

Line 235: did you mean Fig. 11? There is no right column in Fig. 10

Line 237: right column?

Line 240: Fig. 11? Please check text against all figures in final version

Line 255 and 259: Fig. 12??

Colin Price Tel Aviv University August 2020

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