

# ***Interactive comment on* “The Met Office Weather Game: investigating how different methods for presenting probabilistic weather forecasts influence decision-making” by Elisabeth M. Stephens et al.**

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Many thanks for your constructive and considered comments. We will address your suggestions for minor corrections in the following ways:

Figure 1 text size - We will make some adjustments to improve it, and check in the proofs that it can be read easily.

Brier Score - we will adjust the text to read:

"Participants were scored (S) based on their specified confidence rating (C) and the outcome, using an adjustment of the Brier Score (BS) (see Table 1). The Brier Score was used as it measures the accuracy of probabilistic predictions. The use of the Brier Score means that if a participant is more confident they have more to gain, but also more to lose."

The use of 'correct' -

You have touched on the same debate we had when designing the game! However, our use of the word 'correct' is within the paper alone; the feedback to the participant within the game was a traffic light colour box with feedback along the lines of "You provided good advice, but on this occasion it rained", as per L319-320. We'll make this clearer on Line 312, by adjusting the text to

"we felt it important to provide some kind of feedback corresponding to whether they had accurately interpreted the forecast or not."

We accounted for the effect of the player adapting to the previous outcome / feedback by randomising the order in which each question appeared, and we also stored the data on this order so that it would be possible to see if there were learning effects. A preliminary analysis of the results didn't show any notable learning effects across all the results, but it is possible that they are there for certain questions or for certain demographics.

Page 22 Lines 194 and 195 – thanks, we will adjust this.

Data availability: we are in the process of depositing the data

Acknowledgements: no, but we will acknowledge the consultancy that coded the game.

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Interactive comment on Geosci. Commun. Discuss., <https://doi.org/10.5194/gc-2018-17>, 2018.

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Discussion paper

