

Dear referee and Editor George Jacoby,

Thank you to the referee for pointing out the mistakes, confusions in our manuscript. We agree with the points and made the following changes (in numerical order)

1. /I spotted one instance which seems to have slipped through the net: Just below equation 13, there is a reference to equation 15 that I think should have been equation 12....]

Thanks the referee for pointing this out, we fixed the typo.

2. [Fig. 9 is now clearer but, unfortunately, the way the histograms are presented suggests that, for example, the values on the y-axis run from -3 to 3 for $\Delta t_{bb'}$. Presumably, they actually run from 0 to 1, but whether the scale runs linearly or logarithmically cannot be known from the figures. Some further improvements to the figure (caption) are needed.]

Thanks to the referee for pointing out this confusion. We have removed the mistaken labels on the vertical axis and indicated their linear scale in the caption.

Sincerely,

Yunfan Gerry Zhang, Adrian Liu, Aaron Parsons