

1. The GP noise model is added to the light curve model. It might be more appropriate to have a multiplicative model. Have the authors considered this possibility?

That's an interesting question. I don't think there's any reason to think that a multiplicative model is any more justified than an additive model, there isn't any reason to not just directly model the residuals. In practice, it shouldn't make much difference because the variations are small ($\ll 1\%$). The mean model (the predicted noiseless light curve) could be applied as a multiplicative but the the GP isn't really a *physical* model it's just effective. For this reason we prefer to stick with the model as is.

2. Fig 3. It seems strange to me that the mean (blue line) is not centered within the purple region. I understand this is not purely the GP uncertainty (in which case it would be centered), but it seems surprising there is so much asymmetry in the light curve model. I would suggest double checking this.

The purple region includes both the GP model and the transit model whereas the blue line is just the GP mean model. We have clarified this in the figure caption.

The sum of the mean GP model and the red transit model do fall in the middle of the purple bounds. We have shown this with a very faint purple line in an updated plot.