Dear Editor,

We need your approval for the following changes:

We wrote erroneously Eq.(28), which currently says:

$$\pm \sigma_{\mathrm{ran},R_{\mathrm{e}}}(\Delta \overline{\delta}_{\mathrm{rat}}) = R_{\mathrm{e}} \pm \left[ R_0 + R_1 \times (\overline{\delta}_{\mathrm{rat}} \pm \Delta \overline{\delta}_{\mathrm{rat}}) + R_2 \times (\overline{\delta}_{\mathrm{rat}} \pm \Delta \overline{\delta}_{\mathrm{rat}})^2 + R_3 \times (\overline{\delta}_{\mathrm{rat}} \pm \Delta \overline{\delta}_{\mathrm{rat}})^3 \right]$$
(28)

5 but the right equation is:

$$\pm \sigma_{\mathrm{ran},R_{\mathrm{e}}}(\Delta \overline{\delta}_{\mathrm{rat}}) = \left[R_0 + R_1 \times (\overline{\delta}_{\mathrm{rat}} \pm \Delta \overline{\delta}_{\mathrm{rat}}) + R_2 \times (\overline{\delta}_{\mathrm{rat}} \pm \Delta \overline{\delta}_{\mathrm{rat}})^2 + R_3 \times (\overline{\delta}_{\mathrm{rat}} \pm \Delta \overline{\delta}_{\mathrm{rat}})^3\right] - R_{\mathrm{e}}$$

The same mistake was made for Eq. 32, i.e the equation:

$$\pm \sigma_{\mathrm{ran},\alpha}(\Delta \overline{\delta}_{\mathrm{rat}}) = \alpha \pm \left[ \alpha_0 + \alpha_1 \times (\overline{\delta}_{\mathrm{in}} \pm \Delta \overline{\delta}_{\mathrm{in}}) + \alpha_2 \times (\overline{\delta}_{\mathrm{in}} \pm \Delta \overline{\delta}_{\mathrm{in}})^2 \right].$$

needs to be corrected as:

10 
$$\pm \sigma_{\mathrm{ran},\alpha}(\Delta \overline{\delta}_{\mathrm{rat}}) = \left[\alpha_0 + \alpha_1 \times (\overline{\delta}_{\mathrm{in}} \pm \Delta \overline{\delta}_{\mathrm{in}}) + \alpha_2 \times (\overline{\delta}_{\mathrm{in}} \pm \Delta \overline{\delta}_{\mathrm{in}})^2\right] - \alpha.$$

These errors are only in the written article text, and not in our computations. So the presented figures are fine.

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15 For more details please have a look into our explanation below:

In Eq. (28)  $R_{\rm e}$  denotes  $R_{\rm e}(\delta_{\rm rat})$  and the polynomial inside the brackets [] calculates  $R_{\rm e}(\overline{\delta}_{\rm rat} \pm \Delta \overline{\delta}_{\rm rat})$  (according to Eq. 26) and it is by definition of error propagation equals to  $R_{\rm e} \pm \sigma_{{\rm ran},R_{\rm e}}(\Delta \overline{\delta}_{\rm rat})$ , i.e:

$$\left[R_0 + R_1 \times (\overline{\delta}_{\rm rat} \pm \Delta \overline{\delta}_{\rm rat}) + R_2 \times (\overline{\delta}_{\rm rat} \pm \Delta \overline{\delta}_{\rm rat})^2 + R_3 \times (\overline{\delta}_{\rm rat} \pm \Delta \overline{\delta}_{\rm rat})^3\right] = R_{\rm e}(\overline{\delta}_{\rm rat} \pm \Delta \overline{\delta}_{\rm rat}) = R_{\rm e} \pm \sigma_{\rm ran, R_{\rm e}}(\Delta \overline{\delta}_{\rm rat})$$

From this expression it follows that:

20 
$$\pm \sigma_{\mathrm{ran},R_{\mathrm{e}}}(\Delta \overline{\delta}_{\mathrm{rat}}) = R_{\mathrm{e}}(\overline{\delta}_{\mathrm{rat}} \pm \Delta \overline{\delta}_{\mathrm{rat}}) - R_{\mathrm{e}}$$

but Equation 28 currently says that:

$$\pm \sigma_{\mathrm{ran},R_{\mathrm{e}}}(\Delta \overline{\delta}_{\mathrm{rat}}) = \pm R_{\mathrm{e}}(\overline{\delta}_{\mathrm{rat}} \pm \Delta \overline{\delta}_{\mathrm{rat}}) + R_{\mathrm{e}}$$

which is incorrect. This can be corroborated when evaluating the '+' and '-' signs in the current Eq. 28. One gets respectively:

$$+\sigma_{\mathrm{ran},R_{\mathrm{e}}}(\Delta\overline{\delta}_{\mathrm{rat}}) = R_{\mathrm{e}} + R_{\mathrm{e}}(\overline{\delta}_{\mathrm{rat}} + \Delta\overline{\delta}_{\mathrm{rat}}) = 2R_{\mathrm{e}} + \sigma_{\mathrm{ran},R_{\mathrm{e}}}(\Delta\overline{\delta}_{\mathrm{rat}})$$

25 and

$$-\sigma_{\mathrm{ran},R_{\mathrm{e}}}(\Delta\overline{\delta}_{\mathrm{rat}}) = R_{\mathrm{e}} - R_{\mathrm{e}}(\overline{\delta}_{\mathrm{rat}} - \Delta\overline{\delta}_{\mathrm{rat}}) = -(-\sigma_{\mathrm{ran},R_{\mathrm{e}}}(\Delta\overline{\delta}_{\mathrm{rat}}))$$

Both expressions are incorrect.

The same issue arises in Eq. 32, which also need to be changed.