

Corrigendum: [Polymerized 4-fold coordinated carbonate melts in the deep mantle]

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3 Equation Correction

4 In the original article, there was a mistype in equation 2 used to simulate the experimental C-O contribution
5 on $g(r)$ (Fig.3B).

6 A correction has been made to **Section 2, Density measurements, equation 2:**

7

$$g(r) = \frac{c_C c_O K_C K_O}{Z_{tot}^2 n S_\infty} \frac{A}{\sigma \sqrt{2\pi}} \exp\left(-\frac{(r-d)^2}{2\sigma^2}\right) \quad (1)$$

8 where c_C and c_O are the atomic proportions of carbon and oxygen, K_C and K_O are defined as the
9 average effective atomic number over the experimental q -range (Eggert et al., 2002) and calculated
10 using form factors from Hajdu (1972). Other parameters are as defined in the article.

11

12 The authors apologize for this error and state that this does not change the scientific conclusions of the
13 article in any way.

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