Erratum: Relationship between bond-breakage correlations and four-point correlations in heterogeneous glassy dynamics: Configuration changes and vibration modes
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This Erratum corrects the data of bond-breakage susceptibility $\chi_b(t)$ shown in Fig. 3 in the paper. There was a technical error in the numerical procedure taken by the authors. In Fig. 1 of this Erratum, for each curve obtained from the corrected data of $\chi_b(t)$ (averaged over eight independent runs), its peak height is lower and it monotonically decreases to zero for $t > t_b^{\max}$. For $T = 0.56$, the equilibration time after quenching is taken on the order of 10^6 in units of the time τ_0 in Eq. (2.3), which is much longer than in the paper.

The sentence in Sec. III C, “Here, however, $\chi_b(t)$ begins to increase for $t > t_b^{\max}$, because the **B** particles with $\mathcal{B}_i = 2, 3, \dots$ become appreciable at very long times (see Fig. 1),” should be deleted. However, the peak time $t_b^{\max}$ is little changed by the error and all the other results, including those on the structure factor $S_b(q, t_b^{\max})$ and the correlation length $\xi_b(t_b^{\max})$, are not affected. Thus, the conclusions presented in the paper remain unchanged.

FIG. 1. Susceptibility $\chi_b(t)$ in Eq. (3.21) vs t exhibiting a peak at $t = t_b^{\max}$ for $N = 16\,000$.