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Corrigendum to: "On the Calculation of X-ray Scattering Signals from Pairwise Radial Distribution Functions"

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When we in Eq. (20) split up the scattering signal into contributions from solvent-solvent terms, solute-solvent (cross) terms, and solute-solute terms, each atom (type) belongs to either the solvent or the solute. Hence, the scattering signal contribution from the solute-solvent (cross) terms, Eq. (20b), should read:

\[
S_{c}(q) = 2 \sum_{i}^{u} \sum_{m}^{v} f_{i}(q) f_{m}(q) \frac{N_{i}N_{m}}{V} 4\pi \int_{0}^{R_{box}} r^{2} \left[ g_{i,m}(r) - 1 \right] \frac{\sin(qr)}{qr} dr \quad (20b)
\]