Erratum: Molecular dynamics study of the binary $Cu_{46}Zr_{54}$ metallic glass motivated by experiments: Glass formation and atomic-level structure [Phys. Rev. B 71, 224208 (2005)]

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We correct a typo in Table II: the column titles q and p should be switched.

A programming error has affected the comparison between RGL-type force field and QM results for Cu-Zr system in Table V of this paper.

The corrected Table II and Table V are shown below respectively. All the other data and conclusions of the paper are unaffected. We thank Prof. Daniel Lacks (Case Western Reserve University) and Prof. Ju Li (Ohio State University) for carefully confirming our results.

TABLE II. Rosato-Guillope-Legrand (RGL)-type force field parameters.

	r_0 (Å)	ε (eV)	c (eV)	q	p
Zr-Zr	3.2100	0.3688	2.3365	2.0250	7.9273
Cu-Cu	2.6356	0.2149	1.3483	2.7490	10.2215
Cu-Zr	2.9086	0.3615	2.0100	2.7960	8.6020

TABLE V. A comparison between RGL-type force field and QM results for Cu-Zr system.

Phase	E_*ff* [eV/atom]	E_*qm* [eV/atom]	ΔE [%]	Ω_*ff* [Å^3]	Ω_*qm* [Å^3]	$\Delta\Omega$[%]
CuZr (*B*2)	−4.98	−5.03	0.99	17.81	17.85	0.22
Cu_2Zr_2 (Layered FCC)	−5.01	−4.96	1.01	17.74	17.71	0.17
CuZr (*B*1)	−4.90	−4.65	5.38	19.68	19.69	0.05
Cu_3Zr (FCC)	−4.42	−4.11	7.54	15.17	15.83	4.17
$CuZr_3$ (FCC)	−5.57	−5.56	0.18	20.58	20.31	1.33

