



## Corrigendum to “Using radar observations to evaluate 3-D radar echo structure simulated by the Energy Exascale Earth System Model (E3SM) version 1” published in Geosci. Model Dev., 14, 719–734, 2021

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This corrigendum is to correct a typo in Table 1 that was submitted by the authors and published originally as the article at <https://doi.org/10.5194/gmd-14-719-2021>. The particle mean diameter ( $\mu\text{m}$ ) for LSI and CVI in Table 1 is corrected from 4 to 40 in the new table below. Nothing else is affected by this typo correction.

**Table 1.** Modification of the hydrometeor assumptions used in COSP.

Hydrometeor type <sup>a</sup>	Distribution type		Density ( $\text{kg m}^{-3}$ )		Particle mean diameter ( $\mu\text{m}$ )		Distribution width <sup>b</sup> (unitless)	
	Default	Modified	Default	Modified	Default	Modified	Default	Modified
LSL	Lognormal	Gamma	$524 \times D^3$	–	6	12	0.3	0
CVL	Lognormal	Gamma	$524 \times D^3$	–	6	12	0.3	0
LSI	Gamma	–	$110.8 \times D^{2.91}$	500	40	–	2	0
CVI	Gamma	–	$110.8 \times D^{2.91}$	500	40	–	2	0
LSS	Exponential	–	100	250	n/a	–	n/a	–
CVS	Exponential	–	100	250	n/a	–	n/a	–

<sup>a</sup> LS: large scale; CV: convective; L: cloud liquid; I: cloud ice; S: snow. <sup>b</sup> Distribution width:  $\nu$  in  $N(D) = N_0 D^{(\nu-1)} e^{-\lambda D}$ , which is a shape parameter in Gamma distribution describing the dispersion of the distribution. “n/a”: not applicable; “–”: not modified.