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Correction to:
‘Structure and dynamics of the convective boundary layer on Mars as inferred from large-eddy simulations and remote-sensing measurements’

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There was an error in Figures 2, 5, 6 and 9. In these figures the incorrect symbols were used in the lines representing case a and case z. The corrected figures are reproduced below:

Figure 2. Variations of the boundary-layer depth above the local surface with time for the five LES case-studies. h and Ts are defined in Table II.
Figure 5. Variation of the LES statistics with time in the five case-studies defined in Table II. (a) Mixed-layer potential temperature (K), (b) updraught/downdraught maximum vertical velocity (m s$^{-1}$), (c) maximum vertical eddy heat flux (K m s$^{-1}$), and (d) maximum turbulent kinetic energy (m$^2$ s$^{-2}$).

Figure 6. Variation of the time derivative of the mixed-layer potential temperature (K h$^{-1}$) with time for the five LES case-studies. Note that before 1000 LT the behaviour is still influenced by the ‘burning-off’ of the remains of the night-time inversion.

Equation 4 also contained an error. The corrected equation appears below:

$$\frac{\partial \theta}{\partial t} \approx -\frac{\partial (w'\theta')}{\partial z}$$  (4)