Correction to: A Deep-Learning-Based Geological Parameterization for History Matching Complex Models

Yimin Liu[1] · **Wenyue Sun**[1] · **Louis J. Durlofsky**[1]

Correction to: Math Geosci
https://doi.org/10.1007/s11004-019-09794-9

In the original paper, the units noted on the *x*-axes in Fig. 17a and b are incorrect. The corrected Fig. 17 shown below displays the CDF results in units of 10^6 m^3. These
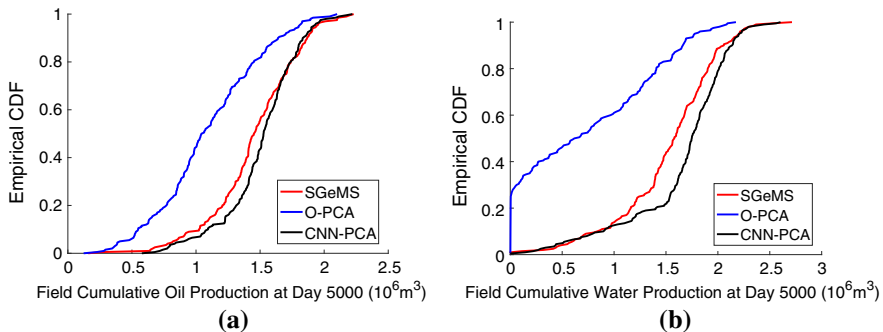

Fig. 17 Statistics of cumulative field oil and water production at the end of the simulation from (new) SGeMS models, O-PCA models, and CNN-PCA models. **a** Cumulative oil production CDFs and **b** cumulative water production CDFs

The original article can be found online at https://doi.org/10.1007/s11004-019-09794-9.

✉ Yimin Liu
  yiminliu@stanford.edu

  Wenyue Sun
  wenyue@stanford.edu

  Louis J. Durlofsky
  lou@stanford.edu

[1] Department of Energy Resources Engineering, Stanford University, Stanford, CA 94305-2220, USA

plots are consistent with those in Fig. 16 in the original paper, where rates are plotted in units of m^3/d. This unit correction does not alter any of the observations regarding the performance of CNN-PCA and O-PCA.