**Supplementary materials for “CliGAN: A structurally sensitive convolutional neural network model for statistical downscaling of precipitation from multi-model ensembles”**

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Keywords: Statistical downscaling, Generative Adversarial Network, Combination of Errors, Convolutional Neural Network, multi-scale structural similarity index, Wasserstein GAN

Figure S1: (a) Total Loss of training, (b) Content Loss, (c) Structural Loss, (d) Adversarial Loss, (e) Discriminator Loss, (f) Mean Absolute Error of the training.

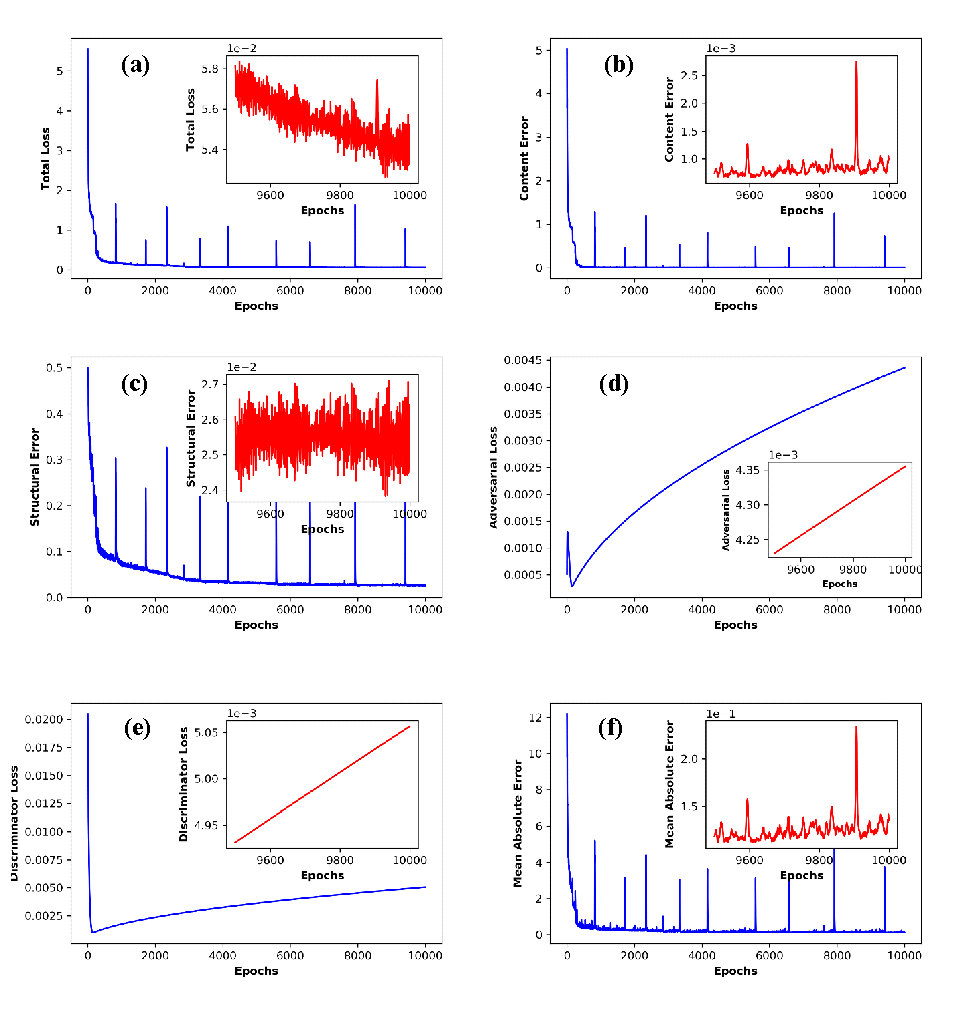


Figure S2: The eigen spectra of different GCMs (a) BCC ESM, (b) CAN ESM5, (c) CESM2, (d) CNRM CM6.1, (e) CNRM ESM2, (f) GFDL CM4, (g) HAD GEM3, (h) MRI, and (i) UK ESM1.



Figure S3: Eigen spectral of the observed rainfall

A screenshot of a cell phone

Description automatically generated

S3: Performance of PC-Neural Network for different number of hidden neurons

A screenshot of a cell phone

Description automatically generated