

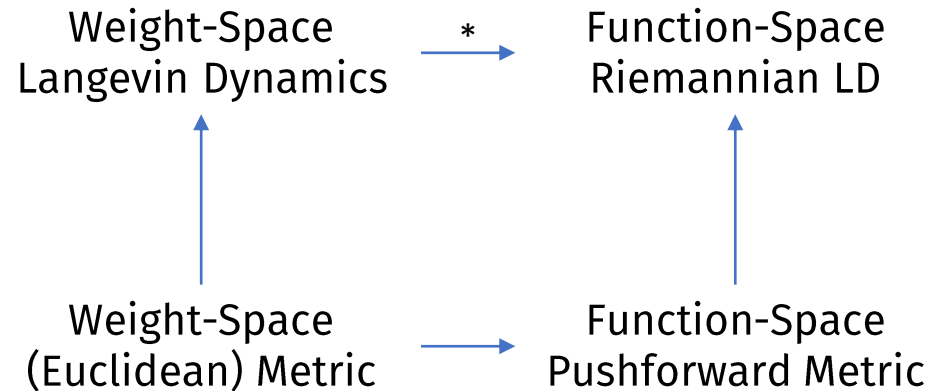
On Equivalences between Weight and Function-Space Langevin Dynamics

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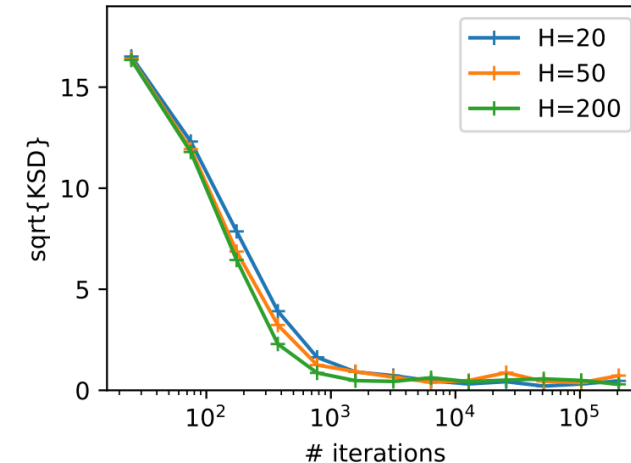


Do we need “function-space inference” for Bayesian NN models?

- Can we just use (weight-space) SGLD?



We establish (*) for a variety of overparameterized models, including a simplified BNN model.



As BNN width (H) increases, the induced func-space approx. posteriors (by weight-space LD) appear to have similar convergence.