From: **Jiaxin Yuan** jyuan98@umd.edu
Subject: Re: numerical experiment results
Date: February 21, 2025 at 3:21 PM
To: Maria K. Cameron mariakc@umd.edu

JY

I also have recomputed the neural network for approximating committor function in mu_2, mu_3 space. The architecture of the neural network is 2 hidden layers with 10 neurons. The activation function used is the hyperbolic tangent and sigmoid after the last layer.

On Fri, Feb 21, 2025 at 2:22 PM Jiaxin Yuan <jyuan98@umd.edu> wrote:

> Hi Masha:
>
> While I'm working on the draft, I think for completeness, we need results for
> 1. FFS rates and brute force rates for LJ7 in 2D in (μ_2, μ_3) at beta = 5, 7 and 10
> 2. FFS rates and brute force rates for LJ7 in 2D in MLCV at beta = 5 and 10
>
> Currently, I have finished the majority of the background and proposed method (sections 2 and 3) in the draft and am working on the numerical experiments.
>
> If there's any additional sections needed for these two sections, I can add them right after I'm done working on the experiments part.
>
> Best,
> Margot.

committor_mu2mu3_new_BETA5.zip