STATIC NEURAL OPTIMAL TRANSPORT

unperturbed cell population

DYNAMIC NEURAL OPTIMAL TRANSPORT

Chapter 3 Maps

Chapter 4 Maps with Context

context c → T_θ map → μ, ν

gradient flow $\nabla \psi_\theta$

μ_0, μ_t, μ_T

w.r.t. energy J_ξ

Chapter 5 Gradient Flows

Chapter 6 Stochastic Control

μ, ν forward SDE θ, backward SDE ϕ

Chapter 1 Problem Formulation and Biological Background

perturbed cell population

Chapter 2 Theoretical Background on Static and Dynamic OT