Learn Latent Representations



Differentiable Relaxations and Reparameterisations

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What are differentiable relaxations and reparameterisations?

...and why do we need them?

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Aside: continuity, smoothness and Lipschitz

Softmax and Softargmax

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Relaxing the L1 norm / distance

Differentiable Sampling

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The reparameterisation trick



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Sampling from a categorical distribution: Gumbel Softmax



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The Straight-Through operator: implementation