

# Machine Learning in Complex Domains: Assignment 3

Ryan Cotterell, Daniel Deutsch, Dan Crankshaw

## **4 Blocked Gibbs Sampler**

### **4.1 Analysis Questions**

## **5 Text Analysis with MCLDA**

### **5.1 Empirical Questions**

1.

2.

3.

4.

5.

6. (a)

(b)

(c)

## **6 Variational Inference**

### **6.1 Analysis Questions**

### **6.3 Empirical Questions**

1.

2.

3.

4.