#### LLVM-IR

%15 = load i32, i32\* %nian, align 4, !tbaa !1 %rem38 = and i32 %15, 3 %rem11 = srem i32 %15, 100

## Tokenized

5000 vocabulary indices, padded & truncated

# Embeddings 5000 x 200

inst2vec embeddings

#### **Auxiliary Inputs**

num\_segments
1-hot "selector" vector

#### **Model inputs**

 $5000 \times (200+2)$  concatenated vectors

### **Model outputs**

num\_segments x 2 1-hot outputs 130 params

