

main_pipeline

March 21, 2025

1 Shorthand to text transformer architecture

1.1 Setup and Imports

```
[71]: import numpy as np
import matplotlib.pyplot as plt
import pandas as pd
import torch
import torch.nn as nn
import torch.nn.functional as F
```

1.2 Compile smaller data selection (random)

```
[72]: # import os
# import shutil
# import random
# from pathlib import Path

# def create_mini_dataset(source_dir='data', target_dir='data-Mini',
# ↪percentage=0.01):
#     # Create target directory if it doesn't exist
#     Path(target_dir).mkdir(parents=True, exist_ok=True)

#     # Get all image files
#     image_files = [f for f in os.listdir(source_dir)
#                     if f.lower().endswith(('.png', '.jpg', '.jpeg'))]

#     # Calculate number of files to select
#     num_files = len(image_files)
#     num_files_to_select = max(1, int(num_files * percentage))

#     # Randomly select files
#     selected_files = random.sample(image_files, num_files_to_select)

#     # Copy selected files to new directory
#     for file_name in selected_files:
#         source_path = os.path.join(source_dir, file_name)
#         target_path = os.path.join(target_dir, file_name)
```

```
#         shutil.copy2(source_path, target_path)

#     print(f"Original dataset size: {num_files} images")
#     print(f"Mini dataset size: {num_files_to_select} images")
#     print(f"Mini dataset created in: {target_dir}")

# # Create the mini dataset
# # Example with different parameters
# create_mini_dataset(
#     source_dir='data',
#     target_dir='data_mini',
#     percentage=0.01 # 5% instead of 1%
# )
```

1.3 Data Loading

```
[73]: import torchvision
from torchvision import transforms
from PIL import Image
from torch.utils.data import Dataset, DataLoader
import os

class KeepAspectRatioPad(object):
    """
    Resize the image to fit within the target size while preserving aspect_
    ratio,
    then pad the result to the target size.
    """
    def __init__(self, target_size=(64, 64), fill=255):
        self.target_size = target_size
        self.fill = fill # Color to use for padding

    def __call__(self, img):
        # Get original dimensions
        w_orig, h_orig = img.size
        w_target, h_target = self.target_size

        # Determine scale factor to maintain aspect ratio
        aspect_ratio = w_orig / h_orig

        if aspect_ratio > 1:
            # Image is wider than tall
            new_w = min(w_orig, w_target)
            new_h = int(new_w / aspect_ratio)
        else:
            # Image is taller than wide (or square)
            new_h = min(h_orig, h_target)
```

```

        new_w = int(new_h * aspect_ratio)

        # Resize maintaining aspect ratio
        resized_img = img.resize((new_w, new_h), Image.LANCZOS)

        # Create new image with target size and paste resized image
        new_img = Image.new(img.mode, self.target_size, self.fill)

        # Calculate position for pasting (center)
        paste_x = (w_target - new_w) // 2
        paste_y = (h_target - new_h) // 2

        # Paste resized image onto padded background
        new_img.paste(resized_img, (paste_x, paste_y))

    return new_img

transform = transforms.Compose([
    transforms.Grayscale(), # Convert to single channel if not already
    KeepAspectRatioPad(target_size=(64, 64), fill=0), # Preserve aspect ratio
    and pad
    transforms.ToTensor(),
    transforms.Normalize(mean=[0.485], std=[0.229]) # For grayscale
])

```

```

[74]: import os
import pickle

def load_phonetic_dict(pickle_file='phonetic_cache.pkl',
    text_file='phonetics_output.txt'):
    """Load phonetic dictionary from either pickle or text file"""
    # Try loading from pickle first (faster)
    if os.path.exists(pickle_file):
        try:
            with open(pickle_file, 'rb') as f:
                phonetic_dict = pickle.load(f)
            print(f"Loaded {len(phonetic_dict)} words from phonetic cache")
            return phonetic_dict
        except Exception as e:
            print(f"Error loading pickle file: {e}")

    # Fall back to text file
    if os.path.exists(text_file):
        try:
            phonetic_dict = {}
            with open(text_file, 'r', encoding='utf-8') as f:
                lines = f.readlines()

```

```

        # Skip header lines
        for line in lines[2:]: # Skip "WORD PHONETICS" and the dashes
            if '\t' in line:
                word, phonetics = line.strip().split('\t')
                phonetic_dict[word] = list(phonetics)

        print(f"Loaded {len(phonetic_dict)} words from text file")
        return phonetic_dict
    except Exception as e:
        print(f"Error loading text file: {e}")

    print("No phonetic dictionary found, returning empty dictionary")
    return {}

# Load the phonetic dictionary
phonetic_dict = load_phonetic_dict()

```

Loaded 15280 words from phonetic cache

```

[75]: class ShorthandDataset(Dataset):
    def __init__(self, data_dir, transform=None):
        self.data_dir = data_dir
        self.transform = transform or transforms.Compose([
            transforms.Grayscale(),
            KeepAspectRatioPad(target_size=(64, 64), fill=255),
            transforms.ToTensor(),
            transforms.Normalize(mean=[0.485], std=[0.229])
        ])
        self.image_files = [f for f in os.listdir(data_dir)
                             if f.endswith(('.png', '.jpg', '.jpeg'))]
        self.labels = [os.path.splitext(f)[0] for f in self.image_files]

    def __len__(self):
        return len(self.image_files)

    def __getitem__(self, idx):
        img_path = os.path.join(self.data_dir, self.image_files[idx])
        image = Image.open(img_path).convert('RGB')

        if self.transform:
            image = self.transform(image)

        return image, self.labels[idx]

```

```

[76]: # Define transforms
transform = transforms.Compose([
    transforms.Grayscale(),

```

```

        KeepAspectRatioPad(target_size=(64, 64), fill=255),
        transforms.ToTensor(),
        transforms.Normalize(mean=[0.485], std=[0.229]))
    ])

```

```

# Now create the dataset

```

```

dataset = ShorthandDataset('data', transform=transform)
dataloader = DataLoader(dataset, batch_size=32, shuffle=True, num_workers=0)

```

```

[77]: # Create a function to visualize the results

```

```

def visualize_undistorted_batch(dataloader):
    """
    Visualize a batch of images to verify they're not stretched
    """
    images, labels = next(iter(dataloader))

    # Create a grid of images
    grid = torchvision.utils.make_grid(images[:16], nrow=4)

    # Unnormalize
    if grid.shape[0] == 1: # Grayscale
        mean = torch.tensor([0.485]).view(1, 1, 1)
        std = torch.tensor([0.229]).view(1, 1, 1)
    else: # RGB
        mean = torch.tensor([0.485, 0.456, 0.406]).view(3, 1, 1)
        std = torch.tensor([0.229, 0.224, 0.225]).view(3, 1, 1)

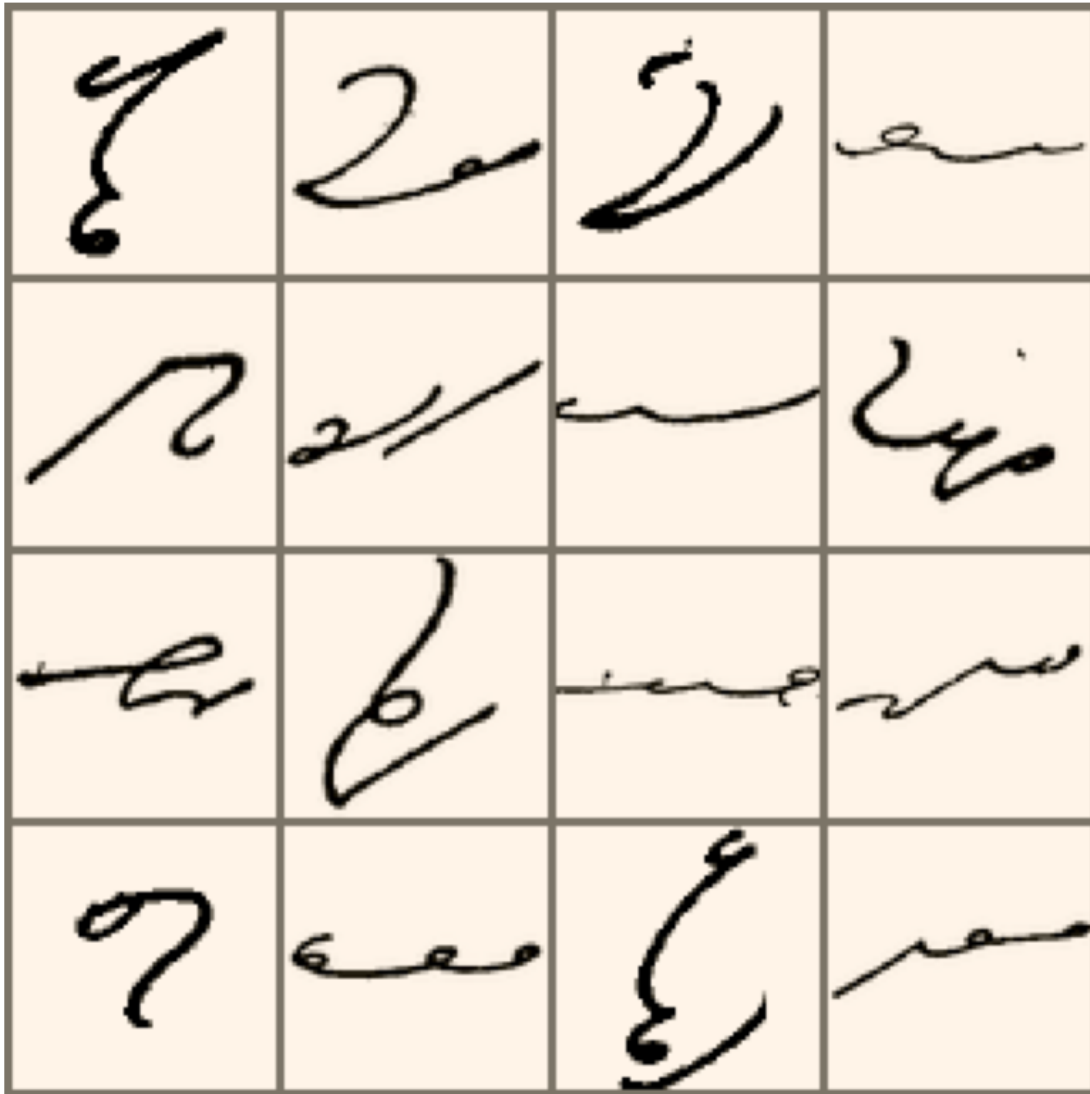
    grid = grid * std + mean
    grid = torch.clamp(grid, 0, 1)

    # Display
    plt.figure(figsize=(10, 10))
    plt.imshow(grid.permute(1, 2, 0).numpy(), cmap='gray')
    plt.axis('off')
    plt.title("Undistorted Shorthand Images")
    plt.show()

    print(f"Batch shape: {images.shape}")
    print(f"Sample labels: {labels[:5]}")
visualize_undistorted_batch(dataloader)

```

Undistorted Shorthand Images



Batch shape: torch.Size([32, 1, 64, 64])

Sample labels: ('autopsy', 'coverlet', 'circumvent', 'wrangler', 'downfall')

1.4 Attention Layer

```
[78]: class AttentionLayer(nn.Module):
    def __init__(self, hidden_size):
        super().__init__()
        self.hidden_size = hidden_size
        self.attention = nn.Linear(hidden_size, 1)

    def forward(self, x):
```

```

# x shape: [batch, seq_len, hidden]
attention_scores = self.attention(x) # [batch, seq_len, 1]
attention_weights = F.softmax(attention_scores, dim=1)
context = torch.sum(x * attention_weights, dim=1) # [batch, hidden]
return context, attention_weights

```

1.5 Main Model

```

[99]: class ShorthandModel(nn.Module):
    def __init__(self, num_phonetic_units, phonetic_units, dropout_rate=0.3):
        super(ShorthandModel, self).__init__()
        self.phonetic_units = phonetic_units
        self.blank_idx = num_phonetic_units
        self.lstm_hidden_size = 512

        # Define convolutional layers
        self.conv1 = nn.Conv2d(1, 32, 3)
        self.bn1 = nn.BatchNorm2d(32)
        self.dropout1 = nn.Dropout2d(dropout_rate)

        self.conv2 = nn.Conv2d(32, 64, 3)
        self.bn2 = nn.BatchNorm2d(64)
        self.dropout2 = nn.Dropout2d(dropout_rate)

        self.conv3 = nn.Conv2d(64, 128, 3)
        self.bn3 = nn.BatchNorm2d(128)
        self.dropout3 = nn.Dropout2d(dropout_rate)

        # Check size after convolutions
        self.calc_conv_output_size()

        # Dense layer to prepare for LSTM
        self.fc_prep = nn.Linear(self.conv_output_size, 512)
        self.dropout_fc = nn.Dropout(dropout_rate)

        # LSTM layers
        self.lstm = nn.LSTM(
            input_size=512,          # Size of each time step input
            hidden_size=512,        # Size of LSTM hidden state
            num_layers=3,           # Number of LSTM layers
            bidirectional=True,     # Use bidirectional LSTM
            batch_first=True,       # Batch dimension first
            dropout=dropout_rate if dropout_rate > 0 else 0

```

```

    )

    self.attention = AttentionLayer(self.lstm_hidden_size * 2)  # *2 for
↪bidirectional

    # Output layer - num_phonetic_units + 1 for blank token (CTC
↪requirement)
    self.output = nn.Linear(self.lstm_hidden_size * 2, num_phonetic_units +
↪1)  # *2 for bidirectional

    # Add training-specific attributes
    self.device = torch.device('cuda' if torch.cuda.is_available() else
↪'cpu')
    self.criterion = nn.CTCLoss(blank=num_phonetic_units)  # blank token
↪added

    self._initialize_weights()

    # Add dictionary to map indices to phonetic units
    self.idx_to_phonetic = {i: unit for i, unit in
↪enumerate(phonetic_units)}
    self.idx_to_phonetic[num_phonetic_units] = '<blank>'  # Add blank token

def calc_conv_output_size(self):
    # Helper function to calculate conv output size
    # 1=Batch size, 1:Num of color channels, (64,64):Image size
    x = torch.randn(1, 1, 64, 64)
    # Apply convolutions with pooling
    x = F.max_pool2d(F.relu(self.bn1(self.conv1(x))), 2)
    x = F.max_pool2d(F.relu(self.bn2(self.conv2(x))), 2)
    x = F.max_pool2d(F.relu(self.bn3(self.conv3(x))), 2)
    # Get dimensions after convolutions
    self.conv_output_shape = x.shape
    _, C, H, W = x.shape
    # Total flattened size
    self.conv_output_size = C * H * W
    # Print sizes for debugging
    print(f"Conv output shape: {x.shape}")
    print(f"Conv output size: {self.conv_output_size}")

def forward(self, x):
    batch_size = x.size(0)

    # Convolutional layers with regularization
    x = self.conv1(x)

```



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x = self.bn1(x)
x = F.relu(x)
x = F.max_pool2d(x, 2)
x = self.dropout1(x)

x = self.conv2(x)
x = self.bn2(x)
x = F.relu(x)
x = F.max_pool2d(x, 2)
x = self.dropout2(x)

x = self.conv3(x)
x = self.bn3(x)
x = F.relu(x)
x = F.max_pool2d(x, 2)
x = self.dropout3(x)

# Apply the same dynamic FC layer but with safety checks
_, C, H, W = x.size()

# For debugging
if W == 0 or H == 0:
    print(f"Error: Invalid dimensions: C={C}, H={H}, W={W}")
    return torch.zeros(batch_size, 1, len(self.phonetic_units) + 1,
↪device=self.device)

x = x.permute(0, 3, 1, 2) # [batch, width, channels, height]
batch_size, seq_len, channels, height = x.size()

# Reshape with safety check
try:
    x = x.reshape(batch_size * seq_len, channels * height)
except RuntimeError as e:
    print(f"Reshape error: {e}")
    print(f"Sizes: batch={batch_size}, seq={seq_len}, C={channels},
↪H={height}")
    # Return zeros as fallback to avoid crash
    return torch.zeros(batch_size, seq_len, len(self.phonetic_units) + 1,
↪1, device=self.device)

# Dynamically recreate fc_prep if needed
required_input_size = channels * height
if not hasattr(self, 'actual_input_size') or self.actual_input_size !=
↪required_input_size:
    self.actual_input_size = required_input_size
    self.fc_prep = nn.Linear(required_input_size, 512).to(self.device)

```

```

        print(f"Recreated fc_prep layer with input size: {
↪required_input_size}")

        # Apply FC with NaN check
        x = self.fc_prep(x)
        x = F.relu(x)
        if torch.isnan(x).any():
            print("Warning: NaN values after FC layer")
            x = torch.nan_to_num(x, nan=0.0)

        x = self.dropout_fc(x)
        x = x.view(batch_size, seq_len, 512)

        # LSTM with safety
        try:
            lstm_out, _ = self.lstm(x)
        except RuntimeError as e:
            print(f"LSTM error: {e}")
            return torch.zeros(batch_size, seq_len, len(self.phonetic_units) +
↪1, device=self.device)

        # Apply attention to get global context
        context, attention_weights = self.attention(lstm_out)

        # Apply output layer directly to LSTM output
        # Using attention as a separate feature extractor rather than modifying
↪sequence
        # Apply temperature scaling to outputs to prevent overconfidence
        temperature = 4.0 # Adjust this value to control prediction confidence

        # Create a bias correction vector to discourage 'æ'
        bias_correction = torch.zeros(len(self.phonetic_units) + 1, device=self.
↪device)
        if 'æ' in self.phonetic_units:
            æ_idx = self.phonetic_units.index('æ')
            bias_correction[æ_idx] = -1.0 # Negative bias for 'æ'

        output = self.output(lstm_out) / temperature
        output = output + bias_correction.unsqueeze(0).unsqueeze(0)

        # Return log_probs directly to avoid NaN later
        return F.log_softmax(output, dim=2)

    # def decode_greedy(self, output, lengths=None):
    #     # Get the highest probability unit for each sample

```

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    # max_probs, max_indices = torch.max(output, dim=1) # dim=1 for
↳phonetic units dimension
    # batch_size = max_indices.size(0)

    # results = []
    # for b in range(batch_size):
    #     idx = max_indices[b].item()
    #     # Convert index to phonetic unit if valid
    #     if idx < len(self.phonetic_units):
    #         results.append(self.phonetic_units[idx])
    #     else:
    #         results.append('') # Empty string for invalid index

    # return results

# Improved CTC decoder that properly handles blank tokens
def decode_ctc(self, log_probs):
    """
    Improved CTC decoder that properly handles blank tokens and encourages
↳longer sequences
    """
    batch_size, seq_len, num_classes = log_probs.shape

    # Convert to probabilities
    probs = torch.exp(log_probs)

    # Process each batch
    results = []
    for b in range(batch_size):
        # Strategy 1: Use beam search (simplified version)
        beam_size = 3
        beams = [{"sequence": [], "score": 0.0}]

        for t in range(seq_len):
            new_beams = []
            for beam in beams:
                # Get top-k predictions at this time step
                step_probs = probs[b, t]
                top_k_probs, top_k_indices = torch.topk(step_probs, k=beam_size)

                for prob, idx in zip(top_k_probs.cpu().numpy(), top_k_indices.
↳cpu().numpy()):
                    # Skip if it's a repeat of the last token (unless it's a
↳different token)
                    if len(beam["sequence"]) > 0 and idx ==
↳beam["sequence"][-1] and idx != self.blank_idx:
                        continue

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        # Create new beam with this token
        new_seq = beam["sequence"] + ([idx] if idx != self.
↪blank_idx else [])
        new_score = beam["score"] + np.log(prob)
        new_beams.append({"sequence": new_seq, "score": new_score})

    # Keep only the top beams
    new_beams.sort(key=lambda x: x["score"], reverse=True)
    beams = new_beams[:beam_size]

    # Get the best sequence
    best_sequence = beams[0]["sequence"] if beams else []

    # Fallback if sequence is empty
    if not best_sequence:
        # Get top-2 most likely non-blank phonetic units overall
        avg_probs = probs[b].mean(dim=0).cpu().numpy()
        avg_probs[self.blank_idx] = 0 # Exclude blank
        top_indices = np.argsort(avg_probs)[-2:][::-1] # Top 2 indices

        # Create a minimal sequence with these two units
        phonetic_seq = []
        for idx in top_indices:
            if idx < len(self.phonetic_units):
                phonetic_seq.append(self.phonetic_units[idx])

    else:
        # Convert indices to phonetic units
        phonetic_seq = [self.phonetic_units[idx] if idx < len(self.
↪phonetic_units) else '?'
                        for idx in best_sequence]

    results.append(''.join(phonetic_seq))

return results

def _initialize_weights(self):
    """Initialize model weights to prevent exploding gradients"""
    for m in self.modules():
        if isinstance(m, nn.Conv2d):
            nn.init.kaiming_normal_(m.weight, mode='fan_out',
↪nonlinearity='relu')
            if m.bias is not None:
                nn.init.constant_(m.bias, 0)
        elif isinstance(m, nn.BatchNorm2d):
            nn.init.constant_(m.weight, 1)

```

```

        nn.init.constant_(m.bias, 0)
    elif isinstance(m, nn.Linear):
        # More aggressive regularization for output layer
        nn.init.xavier_normal_(m.weight, gain=0.5) # Reduced gain
        if m.bias is not None:
            nn.init.constant_(m.bias, 0)
    elif isinstance(m, nn.LSTM):
        for name, param in m.named_parameters():
            if 'weight' in name:
                nn.init.xavier_uniform_(param)
            elif 'bias' in name:
                nn.init.constant_(param, 0)

def phonetics_to_tensor(self, phonetic_sequences):
    """Convert phonetic sequences to tensor of indices"""
    # Create mapping of phonetic unit to index
    unit_to_idx = {unit: idx for idx, unit in enumerate(self.
↪phonetic_units)}

    # Convert sequences to index tensors
    tensors = []
    for seq in phonetic_sequences:
        indices = [unit_to_idx.get(unit, 0) for unit in seq] # Default to 0
↪ if not found
        tensors.append(torch.tensor(indices, dtype=torch.long))

    # Get sequence lengths for CTC
    seq_lengths = [len(t) for t in tensors]

    # Pad sequences to same length
    max_len = max(seq_lengths)
    padded = torch.full((len(tensors), max_len), len(self.phonetic_units),
↪ dtype=torch.long) # pad with blank token
    for i, t in enumerate(tensors):
        padded[i, :len(t)] = t

    return padded.to(self.device), torch.tensor(seq_lengths, dtype=torch.
↪ long).to(self.device)

# def train_batch(self, images, phonetic_sequences, batch_num):
#     """Train on a batch of images"""
#     self.train()
#     self.optimizer.zero_grad()

#     # Prepare data
#     images = images.to(self.device) # [batch_size, 1, 64, 64]
#     targets = self.phonetics_to_tensor(phonetic_sequences)

```

```

#         # Forward pass
#         log_probs = F.log_softmax(self(images), dim=-1)

#         # Calculate loss
#         batch_size = images.size(0)
#         input_lengths = torch.full((batch_size,), log_probs.size(1),
#                                     dtype=torch.long)
#         target_lengths = torch.tensor([len(t) for t in phonetic_sequences],
#                                       dtype=torch.long)

#         loss = self.criterion(log_probs, targets, input_lengths,
#                               target_lengths)

#         # Backward pass and optimize
#         loss.backward()
#         self.optimizer.step()

#         self.batchesTrained += 1
#         return loss.item()

#     def infer_batch(self, images):
#         """Recognize phonetic sequences in batch of images"""
#         self.eval()
#         with torch.no_grad():
#             # Prepare data
#             images = images.to(self.device)

#             # Forward pass
#             output = self(images)
#             log_probs = F.log_softmax(output, dim=-1)

#             # Decode
#             decoded_sequences = self.decode_greedy(log_probs)

#         return decoded_sequences

# # def decodeGreggShorthand(self, probabilities, input_lengths):
# #     """Specialized decoder for Gregg shorthand"""
# #     # First pass: Get most likely phonetic units
# #     phonetic_transcription = self.decodeGreedy(probabilities, input_lengths)

# #     # Second pass: Apply phonetic-to-text rules
# #     text_results = []
# #     for transcript in phonetic_transcription:
# #         # Apply contextual rules to convert phonetic to text

```

```

# #          # Handle brief forms (common words with special symbols)
# #          # Resolve ambiguities using language model
# #          text = self.phoneticToText(transcript)
# #          text_results.append(text)

# #          return text_results

```

1.6 Translate words to phonetics

```

[100]: import pickle
import os
import requests
import time
from tqdm.notebook import tqdm # For Jupyter notebook progress bars
from dotenv import load_dotenv

# Load environment variables
load_dotenv()

def extract_words_from_dataset(dataset):
    """Extract unique words from dataset"""
    unique_words = set()
    for _, labels in tqdm(dataset, desc="Extracting words"):
        if isinstance(labels, str):
            unique_words.add(labels)
        elif isinstance(labels, list) or isinstance(labels, tuple):
            unique_words.update(labels)

    return list(unique_words)

def get_phonetics_in_batches(words, batch_size=50):
    """Process words in batches and get phonetic translations"""
    API_URL = "https://api.anthropic.com/v1/messages"
    API_KEY = os.getenv("ANTHROPIC_API_KEY")

    if not API_KEY:
        print("Warning: No API key found. Using fallback.")
        return {word: list(word.lower()) for word in words}

    # Full results dictionary
    phonetic_dict = {}

    # Calculate number of batches
    num_batches = (len(words) + batch_size - 1) // batch_size

    # Process each batch
    for i in tqdm(range(num_batches), desc="Processing batches"):

```

```

# Get current batch
start_idx = i * batch_size
end_idx = min(start_idx + batch_size, len(words))
batch = words[start_idx:end_idx]

# Create prompt
prompt = f"""Convert these English words to IPA (International Phonetic
↪Alphabet).
Return only the word and its IPA pronunciation, separated by a tab, one per
↪line. DO NOT INCLUDE slashes / or stress marks :

{' '.join(batch)}"""

# Call API
headers = {
    "Content-Type": "application/json",
    "x-api-key": API_KEY,
    "anthropic-version": "2023-06-01"
}

data = {
    "model": "claude-3-7-sonnet-20250219",
    "max_tokens": 50000,
    "messages": [{"role": "user", "content": prompt}]
}

try:
    response = requests.post(API_URL, headers=headers, json=data)
    response.raise_for_status()
    result = response.json()
    text = result["content"][0]["text"]

    # Parse response
    batch_dict = {}
    for line in text.strip().split('\n'):
        if '\t' in line:
            word, ipa = line.split('\t')
            word = word.strip()
            batch_dict[word] = list(ipa.strip())

    # Update main dictionary
    phonetic_dict.update(batch_dict)

    # Save progress after each batch
    with open('phonetics_output.txt', 'w') as f:
        f.write("WORD\tPHONETICS\n")
        f.write("-" * 40 + "\n")

```



```

        for word, phonetics in phonetic_dict.items():
            f.write(f"{word}\t{' '.join(phonetics)}\n")

        # Also save to pickle
        with open('phonetic_cache.pkl', 'wb') as f:
            pickle.dump(phonetic_dict, f)

        print(f"Batch {i+1}/{num_batches} complete. Processed ↵
        {len(phonetic_dict)}/{len(words)} words.")

        # Add a small delay between batches
        if i < num_batches - 1:
            time.sleep(1)

    except Exception as e:
        print(f"Error processing batch {i+1}: {e}")
        # Continue with next batch

    return phonetic_dict

def update_dataset_with_phonetics(dataset, phonetic_dict):
    """Update ShorthandDataset to include phonetic translations"""
    class UpdatedShorthandDataset(Dataset):
        def __init__(self, original_dataset, phonetic_dict):
            self.dataset = original_dataset
            self.phonetic_dict = phonetic_dict

        def __len__(self):
            return len(self.dataset)

        def __getitem__(self, idx):
            image, word = self.dataset[idx]

            # Get phonetic representation
            phonetic = self.phonetic_dict.get(word, list(word.lower()))

            # Return image with word, phonetic pair
            return image, (word, phonetic)

    return UpdatedShorthandDataset(dataset, phonetic_dict)

# Main execution
def process_dataset(dataset):
    # 1. Extract unique words
    words = extract_words_from_dataset(dataset)
    print(f"Found {len(words)} unique words")

```

```

# 2. Get phonetics in batches
phonetic_dict = get_phonetics_in_batches(words)
print(f"Completed phonetic translations for {len(phonetic_dict)} words")

# 3. Create updated dataset
updated_dataset = update_dataset_with_phonetics(dataset, phonetic_dict)

return updated_dataset, phonetic_dict

```

```

[ ]: # Process your dataset only if phonetic dictionary doesn't exist or is empty
cache_file = 'phonetic_cache.pkl'
if os.path.exists(cache_file):
    with open(cache_file, 'rb') as f:
        phonetic_dict = pickle.load(f)
    print(f"Loaded {len(phonetic_dict)} words from phonetic dictionary")
    # Use existing dictionary with dataset
    updated_dataset = update_dataset_with_phonetics(dataset, phonetic_dict)
else:
    # Process dataset to create phonetic dictionary
    print("No existing phonetic dictionary found. Creating new dictionary...")
    updated_dataset, phonetic_dict = process_dataset(dataset)

# Now you can use the updated dataset with DataLoader
from torch.utils.data import DataLoader
dataloader = DataLoader(updated_dataset, batch_size=32, shuffle=True)

# Check a sample from the updated dataset
image, (word, phonetic) = next(iter(updated_dataset))
print(f"Word: {word}")
print(f"Phonetic: {' '.join(phonetic)}")

```

Loaded 15279 words from phonetic dictionary
Word: latitude
Phonetic: læt tud

1.7 Train and Test

```

[142]: def train(model, train_loader, val_loader, num_epochs=10):
    # Use a much lower learning rate and L2 regularization
    optimizer = torch.optim.Adam(model.parameters(), lr=0.0001,
    ↪weight_decay=1e-6)

    # Gradient clipping to prevent exploding gradients
    clip_value = 0.5

    # Count phonetic unit frequencies across the dataset
    phonetic_counts = Counter()
    num_phonetic_units = len(model.phonetic_units)

```

```

# Load phonetic dictionary
cache_file = 'phonetic_cache.pkl'
if os.path.exists(cache_file):
    with open(cache_file, 'rb') as f:
        phonetic_dict = pickle.load(f)
        print(f"Loaded {len(phonetic_dict)} words from phonetic cache")
else:
    phonetic_dict = {}

# Store the phonetic dictionary in the model
model.phonetic_dict = phonetic_dict

# Count frequency of each phonetic unit in training set
print("Calculating phonetic unit frequencies...")
all_phonetic_units = []
for _, labels in train_loader:
    for label in labels:
        if label in phonetic_dict:
            phonetic_seq = phonetic_dict.get(label, ['ə'])
            all_phonetic_units.extend(phonetic_seq)

# Count occurrences
phonetic_counts = Counter(all_phonetic_units)
print(f"Phonetic unit counts: {dict(phonetic_counts.most_common(10))}")

# Create weight tensor based on inverse frequency
weights = torch.ones(num_phonetic_units + 1, device=model.device)

# Set blank token weight
blank_weight = 0.1 # Low weight to discourage blank predictions
weights[model.blank_idx] = blank_weight

# Set weights for phonetic units
for idx, unit in enumerate(model.phonetic_units):
    if unit in phonetic_counts and phonetic_counts[unit] > 0:
        # Inverse frequency weighting with smoothing
        weights[idx] = 1.0 / (phonetic_counts[unit] + 1)

        # Special handling for common units
        if unit == 'ə':
            weights[idx] *= 0.2 # Reduce weight for schwa to discourage
its prediction
        elif phonetic_counts[unit] > 200:
            weights[idx] *= 0.6

# Also boost weights for rare units to encourage their prediction

```

```

        elif phonetic_counts[unit] < 50:
            weights[idx] *= 2.0

    # Normalize weights
    weights = weights / weights.mean() * 2.0

    # Print the weights for key tokens
    print(f"Weight for blank token: {weights[model.blank_idx]:.4f}")
    print(f"Weight for 'ə': {weights[model.phonetic_units.index('ə')]:.4f}")
    if 'æ' in model.phonetic_units:
        print(f"Weight for 'æ': {weights[model.phonetic_units.index('æ')]:.4f}")

    # Define an improved weighted CTC loss function
    class WeightedCTCLoss(nn.Module):
        def __init__(self, blank_idx, weights):
            super().__init__()
            self.blank_idx = blank_idx
            self.ctc_loss = nn.CTCLoss(blank=blank_idx, reduction='none',
↪zero_infinity=True)
            self.weights = weights

        def forward(self, log_probs, targets, input_lengths, target_lengths):
            # Standard CTC loss calculation
            per_sample_loss = self.ctc_loss(log_probs, targets, input_lengths,
↪target_lengths)

            # Apply weights based on the target units
            # We'll create a simple scaling factor based on the average weight
↪of the target units
            target_weights = torch.ones_like(per_sample_loss, device=model.
↪device)

            # For each sample, calculate average weight of its target units
            for i in range(len(targets)):
                if target_lengths[i] > 0:
                    # Get the actual target indices for this sample
                    sample_targets = targets[i][:target_lengths[i]]
                    # Look up weights for each target index
                    sample_weights = torch.tensor([self.weights[idx] for idx in
↪sample_targets],
                                                    device=model.device)
                    # Use average weight as the scaling factor for this
↪sample's loss
                    target_weights[i] = sample_weights.mean()

            # Return weighted loss

```

```

        return (per_sample_loss * target_weights).mean()

# Create the weighted loss with the calculated weights
criterion = WeightedCTCLoss(model.blank_idx, weights)

## Add learning rate scheduler
scheduler = torch.optim.lr_scheduler.ReduceLROnPlateau(
    optimizer, mode='min', factor=0.5, patience=2, verbose=True
)

for epoch in range(num_epochs):
    # Training phase
    model.train()
    total_loss = 0
    valid_batches = 0

    for batch_idx, (images, labels) in enumerate(train_loader):
        # Move data to device
        images = images.to(model.device)

        # Convert words to phonetic sequences
        phonetic_sequences = []
        for label in labels:
            # Get phonetic sequence from dictionary or default to schwa
            phonetic_seq = phonetic_dict.get(label, ['ə'])
            # Ensure reasonable sequence length
            if len(phonetic_seq) > 20:
                phonetic_seq = phonetic_seq[:20]
            phonetic_sequences.append(phonetic_seq)

        # Forward pass with added stability
        optimizer.zero_grad()

        try:
            # Get model outputs
            outputs = model(images)

            # Apply log softmax with numerical stability
            log_probs = F.log_softmax(outputs, dim=2).clamp(min=-100,
↪max=100)

            # Check for NaN/Inf
            if torch.isnan(log_probs).any() or torch.isinf(log_probs).any():
                print(f"Warning: NaN/Inf in log_probs (batch {batch_idx}),
↪skipping")
                continue

```

```

        # Prepare targets for CTC loss (with sequence length checks)
        targets, target_lengths = model.
↪phonetics_to_tensor(phonetic_sequences)

        # Verify target lengths aren't too long compared to input
        seq_len = log_probs.size(1)
        for i in range(len(target_lengths)):
            if target_lengths[i] > seq_len:
                target_lengths[i] = seq_len

        # Input lengths are sequence length from model output
        input_lengths = torch.full((images.size(0),), seq_len,
                                   dtype=torch.long).to(model.device)

        # Calculate weighted CTC loss with error handling
        try:
            loss = criterion(log_probs.transpose(0, 1), targets,
                             input_lengths, target_lengths)

            # Check for NaN/Inf
            if torch.isnan(loss) or torch.isinf(loss):
                print(f"Warning: NaN/Inf loss in batch {batch_idx}, ↵
↪skipping")
                continue

            # Backward pass with gradient clipping
            loss.backward()

            # Apply gradient clipping
            torch.nn.utils.clip_grad_norm_(model.parameters(), ↵
↪clip_value)

            # Check gradients for NaN/Inf
            has_bad_grad = False
            for name, param in model.named_parameters():
                if param.grad is not None:
                    if torch.isnan(param.grad).any() or torch.
↪isinf(param.grad).any():
                        print(f"Warning: NaN/Inf gradient in {name}, ↵
↪skipping update")
                        has_bad_grad = True
                        break

            if not has_bad_grad:
                optimizer.step()
                total_loss += loss.item()

```

```

        valid_batches += 1

    except RuntimeError as e:
        print(f"CTC Loss error: {e}")
        continue

    except Exception as e:
        print(f"Error in batch {batch_idx}: {e}")
        continue

    # Print progress with improved formatting to show phonetic
    ↪representations
    if batch_idx % 5 == 0:
        print(f'Epoch {epoch+1}/{num_epochs}, Batch {batch_idx+1}/
    ↪{len(train_loader)}, '
              f'Loss: {loss.item():.4f}, Valid batches:
    ↪{valid_batches}')

    # Validation phase
    model.eval()
    val_loss = 0

    # Inside the validation phase, add this code:
    with torch.no_grad():
        for images, labels in val_loader:
            if len(images) > 0:
                images = images.to(model.device)

                # Forward pass
                outputs = model(images)
                log_probs = F.log_softmax(outputs, dim=2)

                # Print distribution of probabilities for first example
                probs = torch.exp(log_probs[0].mean(dim=0)) # Average over
    ↪time steps

                top_k = torch.topk(probs, min(10, len(model.
    ↪phonetic_units)))

                print("\nProbability distribution for first example:")
                for i, idx in enumerate(top_k.indices):
                    unit = model.phonetic_units[idx] if idx < len(model.
    ↪phonetic_units) else '<blank>'
                    print(f"{unit}: {top_k.values[i]:.4f}")

                # Decode predictions
                decoded = model.decode_ctc(log_probs[:3])
                for i in range(min(3, len(decoded))):

```

```

        word = labels[i]
        phonetic = phonetic_dict.get(word, "")
        print(f'True: "{word}" {phonetic}, Predicted:␣
↪{decoded[i]}')

        break

    # Calculate average training loss
    avg_train_loss = total_loss / max(1, valid_batches)

    print(f'Epoch {epoch+1}/{num_epochs}, Train Loss: {avg_train_loss:.4f},␣
↪'

          f'Valid batches: {valid_batches}/{len(train_loader)}')

    # Update learning rate based on validation loss
    scheduler.step(avg_train_loss)

return model

```

```

[143]: def test(model, test_loader):
        """
        Test the model and print true target values and predictions with accuracy␣
↪metrics
        """
        model.eval()
        print("\nTest Predictions:")
        print("-" * 80)
        print(f'{"Word":<15} | {"True Phonetic":<30} | {"Predicted Phonetic":<30}")
        print("-" * 80)

        correct = 0
        total = 0

        # Track individual phonetic units for more detailed reporting
        phonetic_correct = {}
        phonetic_total = {}

        with torch.no_grad():
            for images, labels in test_loader:
                images = images.to(model.device)

                # Forward pass
                outputs = model(images)
                log_probs = F.log_softmax(outputs, dim=2)

                # Decode using CTC
                predicted_sequences = model.decode_ctc(log_probs)

```



```

# Print each prediction
for word, predicted in zip(labels, predicted_sequences):
    # Get phonetic sequence from dictionary or default
    true_phonetic = ''.join(model.phonetic_dict.get(word, ['ə']))
    print(f"{word:<15} | {true_phonetic:<30} | {predicted:<30}")

    # Count exact matches for accuracy
    if true_phonetic == predicted:
        correct += 1
    total += 1

    # Track individual phonetic unit predictions
    # First find the characters that match in position
    min_len = min(len(true_phonetic), len(predicted))
    for i in range(min_len):
        true_unit = true_phonetic[i]
        pred_unit = predicted[i]

        # Initialize counters if not already present
        if true_unit not in phonetic_correct:
            phonetic_correct[true_unit] = 0
            phonetic_total[true_unit] = 0

        # Increment counters
        phonetic_total[true_unit] += 1
        if true_unit == pred_unit:
            phonetic_correct[true_unit] += 1

    # Count missing phonetic units in prediction
    for i in range(min_len, len(true_phonetic)):
        true_unit = true_phonetic[i]
        if true_unit not in phonetic_total:
            phonetic_total[true_unit] = 0
            phonetic_total[true_unit] += 1

# Calculate overall accuracy
accuracy = correct / max(1, total)
print(f"\nExact Match Accuracy: {correct}/{total} ({accuracy:.2%}")

# Print per-phonetic unit accuracy (sorted by accuracy)
print("\nPer-Phonetic Unit Accuracy:")
print("-" * 50)
print(f"{'Unit':<10} | {'Accuracy':<15} | {'Count':<10}")
print("-" * 50)

# Convert to list of (unit, correct, total) for sorting
unit_stats = [(unit, phonetic_correct.get(unit, 0), phonetic_total[unit])

```

```

        for unit in phonetic_total.keys()]

    # Sort by accuracy (descending)
    unit_stats.sort(key=lambda x: x[1]/max(1, x[2]), reverse=True)

    # Print each unit's stats
    for unit, correct, total in unit_stats:
        unit_accuracy = correct / max(1, total)
        print(f"{unit:<10} | {correct}/{total} ({unit_accuracy:.2%}) | {total:
↪<10}")

    # Print overall phonetic unit accuracy
    total_correct = sum(phonetic_correct.values())
    total_units = sum(phonetic_total.values())
    overall_unit_accuracy = total_correct / max(1, total_units)
    print("-" * 50)
    print(f"'Overall':<10} | {total_correct}/{total_units}_
↪({overall_unit_accuracy:.2%}) | {total_units:<10}")

    return accuracy, overall_unit_accuracy

```

```

[144]: def predict(model, image_path):
    # Prepare image
    transform = transforms.Compose([
        transforms.Resize((64, 64)),
        transforms.Grayscale(num_output_channels=1),
        transforms.ToTensor(),
        transforms.Normalize([0.5], [0.5])
    ])

    # Open and convert image
    image = Image.open(image_path).convert('RGB')
    # Apply transformations (resize, grayscale, normalize)
    image = transform(image).unsqueeze(0) # Add batch dimension
    # Move to the appropriate device (CPU/GPU)
    image = image.to(model.device)

    # Get prediction
    model.eval()
    with torch.no_grad():
        # Get model output
        output = model(image)

    # Apply log softmax to get log probabilities
    log_probs = F.log_softmax(output, dim=2)

    # Use CTC decoder to get the sequence

```

```

        predictions = model.decode_ctc(log_probs)

        # Since we're processing a single image, take the first prediction
        prediction = predictions[0] if predictions else ""

    return prediction

```

```

[145]: # Define device
device = torch.device('cuda' if torch.cuda.is_available() else 'cpu')
print(f"Using device: {device}")

# Define transforms
transform = transforms.Compose([
    transforms.RandomRotation(5), # Small rotations
    transforms.RandomAffine(0, translate=(0.05, 0.05)), # Small shifts
    transforms.Resize((64, 64)),
    transforms.Grayscale(num_output_channels=1),
    transforms.ToTensor(),
    transforms.Normalize([0.5], [0.5])
])

# Create dataset
dataset = ShorthandDataset('data', transform=transform)
print(f"Total dataset size: {len(dataset)}")

# Split dataset
train_size = int(0.7 * len(dataset))
val_size = int(0.15 * len(dataset))
test_size = len(dataset) - train_size - val_size

train_dataset, val_dataset, test_dataset = torch.utils.data.random_split(
    dataset,
    [train_size, val_size, test_size],
    generator=torch.Generator().manual_seed(42)
)

# Create data loaders
train_loader = DataLoader(train_dataset, batch_size=32, shuffle=True,
    ↪ num_workers=0)
val_loader = DataLoader(val_dataset, batch_size=32, shuffle=False,
    ↪ num_workers=0)
test_loader = DataLoader(test_dataset, batch_size=32, shuffle=False,
    ↪ num_workers=0)

print(f"Train size: {len(train_dataset)}")
print(f"Validation size: {len(val_dataset)}")
print(f"Test size: {len(test_dataset)}")

```

```

# Define phonetic units
phonetic_units = ['æ', 'ə', ' ', 'i:', ' ', 'u:', 'p', 't', 'k', 'b', 'd', 'g', 'm', 'n', 'ŋ',
                  'f', 'v', ' ', 'ð', 's', 'z', ' ', ' ', 'h', 'l', 'r', 'w', 'j']

# Create model
model = ShorthandModel(num_phonetic_units=len(phonetic_units),
                       phonetic_units=phonetic_units)

# Train model
model = train(model, train_loader, val_loader, num_epochs=30)

# Test model
test(model, test_loader)

```

```

Using device: cpu
Total dataset size: 15280
Train size: 10696
Validation size: 2292
Test size: 2292
Conv output shape: torch.Size([1, 128, 6, 6])
Conv output size: 4608
Loaded 15279 words from phonetic cache
Calculating phonetic unit frequencies...
Phonetic unit counts: {'ə': 9041, ' ': 7753, 'r': 5746, 'n': 5733, 't': 5639,
's': 4489, 'l': 4198, 'k': 3550, 'd': 2935, 'i': 2460}
Weight for blank token: 2.7271
Weight for 'ə': 0.0006
Weight for 'æ': 0.0086
Recreated fc_prep layer with input size: 768
Epoch 1/30, Batch 1/335, Loss: 0.1193, Valid batches: 1
Epoch 1/30, Batch 6/335, Loss: 0.1223, Valid batches: 6
Epoch 1/30, Batch 11/335, Loss: 0.2164, Valid batches: 11
Epoch 1/30, Batch 16/335, Loss: 0.1828, Valid batches: 16
Epoch 1/30, Batch 21/335, Loss: 0.1109, Valid batches: 21
Epoch 1/30, Batch 26/335, Loss: 0.1019, Valid batches: 26
Epoch 1/30, Batch 31/335, Loss: 0.1111, Valid batches: 31
Epoch 1/30, Batch 36/335, Loss: 0.0972, Valid batches: 36
Epoch 1/30, Batch 41/335, Loss: 0.1496, Valid batches: 41
Epoch 1/30, Batch 46/335, Loss: 0.1474, Valid batches: 46
Epoch 1/30, Batch 51/335, Loss: 0.0988, Valid batches: 51
Epoch 1/30, Batch 56/335, Loss: 0.1129, Valid batches: 56
Epoch 1/30, Batch 61/335, Loss: 0.1448, Valid batches: 61
Epoch 1/30, Batch 66/335, Loss: 0.1160, Valid batches: 66
Epoch 1/30, Batch 71/335, Loss: 0.1127, Valid batches: 71

```

Epoch 1/30, Batch 76/335, Loss: 0.0954, Valid batches: 76
Epoch 1/30, Batch 81/335, Loss: 0.1116, Valid batches: 81
Epoch 1/30, Batch 86/335, Loss: 0.1222, Valid batches: 86
Epoch 1/30, Batch 91/335, Loss: 0.1362, Valid batches: 91
Epoch 1/30, Batch 96/335, Loss: 0.0781, Valid batches: 96
Epoch 1/30, Batch 101/335, Loss: 0.0982, Valid batches: 101
Epoch 1/30, Batch 106/335, Loss: 0.0989, Valid batches: 106
Epoch 1/30, Batch 111/335, Loss: 0.1251, Valid batches: 111
Epoch 1/30, Batch 116/335, Loss: 0.1331, Valid batches: 116
Epoch 1/30, Batch 121/335, Loss: 0.1348, Valid batches: 121
Epoch 1/30, Batch 126/335, Loss: 0.1017, Valid batches: 126
Epoch 1/30, Batch 131/335, Loss: 0.1075, Valid batches: 131
Epoch 1/30, Batch 136/335, Loss: 0.1270, Valid batches: 136
Epoch 1/30, Batch 141/335, Loss: 0.1126, Valid batches: 141
Epoch 1/30, Batch 146/335, Loss: 0.1385, Valid batches: 146
Epoch 1/30, Batch 151/335, Loss: 0.1005, Valid batches: 151
Epoch 1/30, Batch 156/335, Loss: 0.1007, Valid batches: 156
Epoch 1/30, Batch 161/335, Loss: 0.1002, Valid batches: 161
Epoch 1/30, Batch 166/335, Loss: 0.1078, Valid batches: 166
Epoch 1/30, Batch 171/335, Loss: 0.1161, Valid batches: 171
Epoch 1/30, Batch 176/335, Loss: 0.1011, Valid batches: 176
Epoch 1/30, Batch 181/335, Loss: 0.1274, Valid batches: 181
Epoch 1/30, Batch 186/335, Loss: 0.1105, Valid batches: 186
Epoch 1/30, Batch 191/335, Loss: 0.1105, Valid batches: 191
Epoch 1/30, Batch 196/335, Loss: 0.1010, Valid batches: 196
Epoch 1/30, Batch 201/335, Loss: 0.1137, Valid batches: 201
Epoch 1/30, Batch 206/335, Loss: 0.0944, Valid batches: 206
Epoch 1/30, Batch 211/335, Loss: 0.1042, Valid batches: 211
Epoch 1/30, Batch 216/335, Loss: 0.0945, Valid batches: 216
Epoch 1/30, Batch 221/335, Loss: 0.0869, Valid batches: 221
Epoch 1/30, Batch 226/335, Loss: 0.1095, Valid batches: 226
Epoch 1/30, Batch 231/335, Loss: 0.1217, Valid batches: 231
Epoch 1/30, Batch 236/335, Loss: 0.1297, Valid batches: 236
Epoch 1/30, Batch 241/335, Loss: 0.0959, Valid batches: 241
Epoch 1/30, Batch 246/335, Loss: 0.1169, Valid batches: 246
Epoch 1/30, Batch 251/335, Loss: 0.0963, Valid batches: 251
Epoch 1/30, Batch 256/335, Loss: 0.1040, Valid batches: 256
Epoch 1/30, Batch 261/335, Loss: 0.1133, Valid batches: 261
Epoch 1/30, Batch 266/335, Loss: 0.1549, Valid batches: 266
Epoch 1/30, Batch 271/335, Loss: 0.0859, Valid batches: 271
Epoch 1/30, Batch 276/335, Loss: 0.1117, Valid batches: 276
Epoch 1/30, Batch 281/335, Loss: 0.1117, Valid batches: 281
Epoch 1/30, Batch 286/335, Loss: 0.1415, Valid batches: 286
Epoch 1/30, Batch 291/335, Loss: 0.1070, Valid batches: 291
Epoch 1/30, Batch 296/335, Loss: 0.1302, Valid batches: 296
Epoch 1/30, Batch 301/335, Loss: 0.1358, Valid batches: 301
Epoch 1/30, Batch 306/335, Loss: 0.1040, Valid batches: 306
Epoch 1/30, Batch 311/335, Loss: 0.1313, Valid batches: 311

Epoch 1/30, Batch 316/335, Loss: 0.1369, Valid batches: 316
Epoch 1/30, Batch 321/335, Loss: 0.1723, Valid batches: 321
Epoch 1/30, Batch 326/335, Loss: 0.1090, Valid batches: 326
Epoch 1/30, Batch 331/335, Loss: 0.1214, Valid batches: 331

Probability distribution for first example:

æ: 0.2516
: 0.0720
r: 0.0659
ə: 0.0647
n: 0.0504
l: 0.0439
t: 0.0382
k: 0.0366
s: 0.0346
d: 0.0309

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.1123)
Token 1: æ (prob: 0.4375)
Token 2: æ (prob: 0.4085)
Token 3: æ (prob: 0.3255)
Token 4: æ (prob: 0.2421)
Token 5: æ (prob: 0.1606)
True: "conscious" ['k', ' ', 'n', ' ', 'ə', 's'], Predicted: æ
True: "overthrow" ['o', ' ', 'v', 'ə', 'r', ' ', 'r', 'o', ' '], Predicted: æ
True: "cocoon" ['k', 'ə', 'k', 'u', 'n'], Predicted: æ
Epoch 1/30, Train Loss: 0.1145, Valid batches: 335/335
Epoch 2/30, Batch 1/335, Loss: 0.1130, Valid batches: 1
Epoch 2/30, Batch 6/335, Loss: 0.0893, Valid batches: 6
Epoch 2/30, Batch 11/335, Loss: 0.1079, Valid batches: 11
Epoch 2/30, Batch 16/335, Loss: 0.1273, Valid batches: 16
Epoch 2/30, Batch 21/335, Loss: 0.1216, Valid batches: 21
Epoch 2/30, Batch 26/335, Loss: 0.1059, Valid batches: 26
Epoch 2/30, Batch 31/335, Loss: 0.1099, Valid batches: 31
Epoch 2/30, Batch 36/335, Loss: 0.1058, Valid batches: 36
Epoch 2/30, Batch 41/335, Loss: 0.1148, Valid batches: 41
Epoch 2/30, Batch 46/335, Loss: 0.1062, Valid batches: 46
Epoch 2/30, Batch 51/335, Loss: 0.1033, Valid batches: 51
Epoch 2/30, Batch 56/335, Loss: 0.1050, Valid batches: 56
Epoch 2/30, Batch 61/335, Loss: 0.1072, Valid batches: 61
Epoch 2/30, Batch 66/335, Loss: 0.0943, Valid batches: 66
Epoch 2/30, Batch 71/335, Loss: 0.1167, Valid batches: 71
Epoch 2/30, Batch 76/335, Loss: 0.1052, Valid batches: 76
Epoch 2/30, Batch 81/335, Loss: 0.0900, Valid batches: 81
Epoch 2/30, Batch 86/335, Loss: 0.1369, Valid batches: 86
Epoch 2/30, Batch 91/335, Loss: 0.1479, Valid batches: 91
Epoch 2/30, Batch 96/335, Loss: 0.1068, Valid batches: 96

Epoch 2/30, Batch 101/335, Loss: 0.1230, Valid batches: 101
Epoch 2/30, Batch 106/335, Loss: 0.1128, Valid batches: 106
Epoch 2/30, Batch 111/335, Loss: 0.0981, Valid batches: 111
Epoch 2/30, Batch 116/335, Loss: 0.1401, Valid batches: 116
Epoch 2/30, Batch 121/335, Loss: 0.0946, Valid batches: 121
Epoch 2/30, Batch 126/335, Loss: 0.0932, Valid batches: 126
Epoch 2/30, Batch 131/335, Loss: 0.1218, Valid batches: 131
Epoch 2/30, Batch 136/335, Loss: 0.0893, Valid batches: 136
Epoch 2/30, Batch 141/335, Loss: 0.1063, Valid batches: 141
Epoch 2/30, Batch 146/335, Loss: 0.1275, Valid batches: 146
Epoch 2/30, Batch 151/335, Loss: 0.1069, Valid batches: 151
Epoch 2/30, Batch 156/335, Loss: 0.1100, Valid batches: 156
Epoch 2/30, Batch 161/335, Loss: 0.1171, Valid batches: 161
Epoch 2/30, Batch 166/335, Loss: 0.0933, Valid batches: 166
Epoch 2/30, Batch 171/335, Loss: 0.0949, Valid batches: 171
Epoch 2/30, Batch 176/335, Loss: 0.0998, Valid batches: 176
Epoch 2/30, Batch 181/335, Loss: 0.1220, Valid batches: 181
Epoch 2/30, Batch 186/335, Loss: 0.1110, Valid batches: 186
Epoch 2/30, Batch 191/335, Loss: 0.1150, Valid batches: 191
Epoch 2/30, Batch 196/335, Loss: 0.1079, Valid batches: 196
Epoch 2/30, Batch 201/335, Loss: 0.1039, Valid batches: 201
Epoch 2/30, Batch 206/335, Loss: 0.0971, Valid batches: 206
Epoch 2/30, Batch 211/335, Loss: 0.1188, Valid batches: 211
Epoch 2/30, Batch 216/335, Loss: 0.1003, Valid batches: 216
Epoch 2/30, Batch 221/335, Loss: 0.1020, Valid batches: 221
Epoch 2/30, Batch 226/335, Loss: 0.1205, Valid batches: 226
Epoch 2/30, Batch 231/335, Loss: 0.1068, Valid batches: 231
Epoch 2/30, Batch 236/335, Loss: 0.1387, Valid batches: 236
Epoch 2/30, Batch 241/335, Loss: 0.1215, Valid batches: 241
Epoch 2/30, Batch 246/335, Loss: 0.0919, Valid batches: 246
Epoch 2/30, Batch 251/335, Loss: 0.1032, Valid batches: 251
Epoch 2/30, Batch 256/335, Loss: 0.1023, Valid batches: 256
Epoch 2/30, Batch 261/335, Loss: 0.1008, Valid batches: 261
Epoch 2/30, Batch 266/335, Loss: 0.1020, Valid batches: 266
Epoch 2/30, Batch 271/335, Loss: 0.1194, Valid batches: 271
Epoch 2/30, Batch 276/335, Loss: 0.1263, Valid batches: 276
Epoch 2/30, Batch 281/335, Loss: 0.1204, Valid batches: 281
Epoch 2/30, Batch 286/335, Loss: 0.0906, Valid batches: 286
Epoch 2/30, Batch 291/335, Loss: 0.1090, Valid batches: 291
Epoch 2/30, Batch 296/335, Loss: 0.1474, Valid batches: 296
Epoch 2/30, Batch 301/335, Loss: 0.1432, Valid batches: 301
Epoch 2/30, Batch 306/335, Loss: 0.1556, Valid batches: 306
Epoch 2/30, Batch 311/335, Loss: 0.1031, Valid batches: 311
Epoch 2/30, Batch 316/335, Loss: 0.1194, Valid batches: 316
Epoch 2/30, Batch 321/335, Loss: 0.1254, Valid batches: 321
Epoch 2/30, Batch 326/335, Loss: 0.1000, Valid batches: 326
Epoch 2/30, Batch 331/335, Loss: 0.0925, Valid batches: 331

Probability distribution for first example:

æ: 0.2290
: 0.0777
ə: 0.0701
r: 0.0625
l: 0.0449
n: 0.0404
s: 0.0392
t: 0.0373
k: 0.0358
d: 0.0306

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.1061)
Token 1: æ (prob: 0.4310)
Token 2: æ (prob: 0.3152)
Token 3: æ (prob: 0.2745)
Token 4: æ (prob: 0.2320)
Token 5: æ (prob: 0.1571)
True: "conscious" ['k', ' ', 'n', ' ', 'ə', 's'], Predicted: æ
True: "overthrow" ['o', ' ', 'v', 'ə', 'r', ' ', 'r', 'o', ' ', ''], Predicted: sæ
True: "cocoon" ['k', 'ə', 'k', 'u', 'n'], Predicted: æ
Epoch 2/30, Train Loss: 0.1113, Valid batches: 335/335
Epoch 3/30, Batch 1/335, Loss: 0.1160, Valid batches: 1
Epoch 3/30, Batch 6/335, Loss: 0.1209, Valid batches: 6
Epoch 3/30, Batch 11/335, Loss: 0.1202, Valid batches: 11
Epoch 3/30, Batch 16/335, Loss: 0.0983, Valid batches: 16
Epoch 3/30, Batch 21/335, Loss: 0.0959, Valid batches: 21
Epoch 3/30, Batch 26/335, Loss: 0.0911, Valid batches: 26
Epoch 3/30, Batch 31/335, Loss: 0.0986, Valid batches: 31
Epoch 3/30, Batch 36/335, Loss: 0.1113, Valid batches: 36
Epoch 3/30, Batch 41/335, Loss: 0.1164, Valid batches: 41
Epoch 3/30, Batch 46/335, Loss: 0.1113, Valid batches: 46
Epoch 3/30, Batch 51/335, Loss: 0.0841, Valid batches: 51
Epoch 3/30, Batch 56/335, Loss: 0.0883, Valid batches: 56
Epoch 3/30, Batch 61/335, Loss: 0.0880, Valid batches: 61
Epoch 3/30, Batch 66/335, Loss: 0.1330, Valid batches: 66
Epoch 3/30, Batch 71/335, Loss: 0.1050, Valid batches: 71
Epoch 3/30, Batch 76/335, Loss: 0.1128, Valid batches: 76
Epoch 3/30, Batch 81/335, Loss: 0.0890, Valid batches: 81
Epoch 3/30, Batch 86/335, Loss: 0.0951, Valid batches: 86
Epoch 3/30, Batch 91/335, Loss: 0.0997, Valid batches: 91
Epoch 3/30, Batch 96/335, Loss: 0.1058, Valid batches: 96
Epoch 3/30, Batch 101/335, Loss: 0.1017, Valid batches: 101
Epoch 3/30, Batch 106/335, Loss: 0.0932, Valid batches: 106
Epoch 3/30, Batch 111/335, Loss: 0.1029, Valid batches: 111
Epoch 3/30, Batch 116/335, Loss: 0.1018, Valid batches: 116
Epoch 3/30, Batch 121/335, Loss: 0.1059, Valid batches: 121

Epoch 3/30, Batch 126/335, Loss: 0.0823, Valid batches: 126
 Epoch 3/30, Batch 131/335, Loss: 0.1290, Valid batches: 131
 Epoch 3/30, Batch 136/335, Loss: 0.1450, Valid batches: 136
 Epoch 3/30, Batch 141/335, Loss: 0.1042, Valid batches: 141
 Epoch 3/30, Batch 146/335, Loss: 0.1084, Valid batches: 146
 Epoch 3/30, Batch 151/335, Loss: 0.1488, Valid batches: 151
 Epoch 3/30, Batch 156/335, Loss: 0.0838, Valid batches: 156
 Epoch 3/30, Batch 161/335, Loss: 0.0889, Valid batches: 161
 Epoch 3/30, Batch 166/335, Loss: 0.0939, Valid batches: 166
 Epoch 3/30, Batch 171/335, Loss: 0.1044, Valid batches: 171
 Epoch 3/30, Batch 176/335, Loss: 0.1138, Valid batches: 176
 Epoch 3/30, Batch 181/335, Loss: 0.1023, Valid batches: 181
 Epoch 3/30, Batch 186/335, Loss: 0.0934, Valid batches: 186
 Epoch 3/30, Batch 191/335, Loss: 0.1295, Valid batches: 191
 Epoch 3/30, Batch 196/335, Loss: 0.1118, Valid batches: 196
 Epoch 3/30, Batch 201/335, Loss: 0.1064, Valid batches: 201
 Epoch 3/30, Batch 206/335, Loss: 0.0997, Valid batches: 206
 Epoch 3/30, Batch 211/335, Loss: 0.0947, Valid batches: 211
 Epoch 3/30, Batch 216/335, Loss: 0.1214, Valid batches: 216
 Epoch 3/30, Batch 221/335, Loss: 0.1311, Valid batches: 221
 Epoch 3/30, Batch 226/335, Loss: 0.1065, Valid batches: 226
 Epoch 3/30, Batch 231/335, Loss: 0.0985, Valid batches: 231
 Epoch 3/30, Batch 236/335, Loss: 0.0820, Valid batches: 236
 Epoch 3/30, Batch 241/335, Loss: 0.0978, Valid batches: 241
 Epoch 3/30, Batch 246/335, Loss: 0.1007, Valid batches: 246
 Epoch 3/30, Batch 251/335, Loss: 0.0901, Valid batches: 251
 Epoch 3/30, Batch 256/335, Loss: 0.1065, Valid batches: 256
 Epoch 3/30, Batch 261/335, Loss: 0.1107, Valid batches: 261
 Epoch 3/30, Batch 266/335, Loss: 0.1094, Valid batches: 266
 Epoch 3/30, Batch 271/335, Loss: 0.1002, Valid batches: 271
 Epoch 3/30, Batch 276/335, Loss: 0.0963, Valid batches: 276
 Epoch 3/30, Batch 281/335, Loss: 0.0959, Valid batches: 281
 Epoch 3/30, Batch 286/335, Loss: 0.1253, Valid batches: 286
 Epoch 3/30, Batch 291/335, Loss: 0.1049, Valid batches: 291
 Epoch 3/30, Batch 296/335, Loss: 0.0930, Valid batches: 296
 Epoch 3/30, Batch 301/335, Loss: 0.1303, Valid batches: 301
 Epoch 3/30, Batch 306/335, Loss: 0.1638, Valid batches: 306
 Epoch 3/30, Batch 311/335, Loss: 0.1177, Valid batches: 311
 Epoch 3/30, Batch 316/335, Loss: 0.1147, Valid batches: 316
 Epoch 3/30, Batch 321/335, Loss: 0.1091, Valid batches: 321
 Epoch 3/30, Batch 326/335, Loss: 0.0899, Valid batches: 326
 Epoch 3/30, Batch 331/335, Loss: 0.1217, Valid batches: 331

Probability distribution for first example:

æ: 0.1920
 r: 0.1014
 : 0.0966
 ə: 0.0683

l: 0.0529
k: 0.0509
p: 0.0413
s: 0.0406
n: 0.0376
t: 0.0374

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.1496)
Token 1: æ (prob: 0.3685)
Token 2: æ (prob: 0.2420)
Token 3: æ (prob: 0.2067)
Token 4: æ (prob: 0.1823)
Token 5: ə (prob: 0.1213)
True: "conscious" ['k', ' ', 'n', ' ', 'ə', 's'], Predicted: kxə
True: "overthrow" ['o', ' ', 'v', 'ə', 'r', ' ', 'r', 'o', ' ', ''], Predicted: fæl
True: "cocoon" ['k', 'ə', 'k', 'u', 'n'], Predicted: æ
Epoch 3/30, Train Loss: 0.1088, Valid batches: 335/335
Epoch 4/30, Batch 1/335, Loss: 0.1242, Valid batches: 1
Epoch 4/30, Batch 6/335, Loss: 0.1010, Valid batches: 6
Epoch 4/30, Batch 11/335, Loss: 0.0995, Valid batches: 11
Epoch 4/30, Batch 16/335, Loss: 0.1425, Valid batches: 16
Epoch 4/30, Batch 21/335, Loss: 0.1206, Valid batches: 21
Epoch 4/30, Batch 26/335, Loss: 0.0946, Valid batches: 26
Epoch 4/30, Batch 31/335, Loss: 0.0966, Valid batches: 31
Epoch 4/30, Batch 36/335, Loss: 0.0921, Valid batches: 36
Epoch 4/30, Batch 41/335, Loss: 0.0840, Valid batches: 41
Epoch 4/30, Batch 46/335, Loss: 0.1002, Valid batches: 46
Epoch 4/30, Batch 51/335, Loss: 0.0920, Valid batches: 51
Epoch 4/30, Batch 56/335, Loss: 0.1071, Valid batches: 56
Epoch 4/30, Batch 61/335, Loss: 0.1252, Valid batches: 61
Epoch 4/30, Batch 66/335, Loss: 0.0965, Valid batches: 66
Epoch 4/30, Batch 71/335, Loss: 0.0983, Valid batches: 71
Epoch 4/30, Batch 76/335, Loss: 0.1096, Valid batches: 76
Epoch 4/30, Batch 81/335, Loss: 0.1426, Valid batches: 81
Epoch 4/30, Batch 86/335, Loss: 0.1073, Valid batches: 86
Epoch 4/30, Batch 91/335, Loss: 0.0902, Valid batches: 91
Epoch 4/30, Batch 96/335, Loss: 0.1148, Valid batches: 96
Epoch 4/30, Batch 101/335, Loss: 0.1506, Valid batches: 101
Epoch 4/30, Batch 106/335, Loss: 0.1081, Valid batches: 106
Epoch 4/30, Batch 111/335, Loss: 0.1099, Valid batches: 111
Epoch 4/30, Batch 116/335, Loss: 0.0955, Valid batches: 116
Epoch 4/30, Batch 121/335, Loss: 0.1239, Valid batches: 121
Epoch 4/30, Batch 126/335, Loss: 0.1011, Valid batches: 126
Epoch 4/30, Batch 131/335, Loss: 0.1627, Valid batches: 131
Epoch 4/30, Batch 136/335, Loss: 0.1031, Valid batches: 136
Epoch 4/30, Batch 141/335, Loss: 0.1204, Valid batches: 141
Epoch 4/30, Batch 146/335, Loss: 0.1031, Valid batches: 146

Epoch 4/30, Batch 151/335, Loss: 0.1174, Valid batches: 151
 Epoch 4/30, Batch 156/335, Loss: 0.1376, Valid batches: 156
 Epoch 4/30, Batch 161/335, Loss: 0.1445, Valid batches: 161
 Epoch 4/30, Batch 166/335, Loss: 0.1253, Valid batches: 166
 Epoch 4/30, Batch 171/335, Loss: 0.1012, Valid batches: 171
 Epoch 4/30, Batch 176/335, Loss: 0.1127, Valid batches: 176
 Epoch 4/30, Batch 181/335, Loss: 0.0982, Valid batches: 181
 Epoch 4/30, Batch 186/335, Loss: 0.0978, Valid batches: 186
 Epoch 4/30, Batch 191/335, Loss: 0.1055, Valid batches: 191
 Epoch 4/30, Batch 196/335, Loss: 0.1127, Valid batches: 196
 Epoch 4/30, Batch 201/335, Loss: 0.0958, Valid batches: 201
 Epoch 4/30, Batch 206/335, Loss: 0.1323, Valid batches: 206
 Epoch 4/30, Batch 211/335, Loss: 0.0883, Valid batches: 211
 Epoch 4/30, Batch 216/335, Loss: 0.1003, Valid batches: 216
 Epoch 4/30, Batch 221/335, Loss: 0.0947, Valid batches: 221
 Epoch 4/30, Batch 226/335, Loss: 0.0972, Valid batches: 226
 Epoch 4/30, Batch 231/335, Loss: 0.1105, Valid batches: 231
 Epoch 4/30, Batch 236/335, Loss: 0.0925, Valid batches: 236
 Epoch 4/30, Batch 241/335, Loss: 0.1088, Valid batches: 241
 Epoch 4/30, Batch 246/335, Loss: 0.1109, Valid batches: 246
 Epoch 4/30, Batch 251/335, Loss: 0.1001, Valid batches: 251
 Epoch 4/30, Batch 256/335, Loss: 0.1063, Valid batches: 256
 Epoch 4/30, Batch 261/335, Loss: 0.1277, Valid batches: 261
 Epoch 4/30, Batch 266/335, Loss: 0.1136, Valid batches: 266
 Epoch 4/30, Batch 271/335, Loss: 0.1106, Valid batches: 271
 Epoch 4/30, Batch 276/335, Loss: 0.1125, Valid batches: 276
 Epoch 4/30, Batch 281/335, Loss: 0.1036, Valid batches: 281
 Epoch 4/30, Batch 286/335, Loss: 0.1070, Valid batches: 286
 Epoch 4/30, Batch 291/335, Loss: 0.1126, Valid batches: 291
 Epoch 4/30, Batch 296/335, Loss: 0.1340, Valid batches: 296
 Epoch 4/30, Batch 301/335, Loss: 0.0923, Valid batches: 301
 Epoch 4/30, Batch 306/335, Loss: 0.1115, Valid batches: 306
 Epoch 4/30, Batch 311/335, Loss: 0.0783, Valid batches: 311
 Epoch 4/30, Batch 316/335, Loss: 0.1398, Valid batches: 316
 Epoch 4/30, Batch 321/335, Loss: 0.1042, Valid batches: 321
 Epoch 4/30, Batch 326/335, Loss: 0.0893, Valid batches: 326
 Epoch 4/30, Batch 331/335, Loss: 0.0998, Valid batches: 331

Probability distribution for first example:

æ: 0.2114
 : 0.0997
 r: 0.0712
 æ: 0.0581
 k: 0.0565
 n: 0.0485
 s: 0.0423
 l: 0.0389
 p: 0.0373

t: 0.0358

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.2510)

Token 1: æ (prob: 0.3967)

Token 2: æ (prob: 0.2704)

Token 3: æ (prob: 0.2241)

Token 4: æ (prob: 0.1953)

Token 5: æ (prob: 0.1375)

True: "conscious" ['k', ' ', 'n', ' ', 'ə', 's'], Predicted: kə

True: "overthrow" ['o', ' ', 'v', 'ə', 'r', ' ', 'r', 'o', ' '], Predicted: fæl

True: "cocoon" ['k', 'ə', 'k', 'u', 'n'], Predicted: æ

Epoch 4/30, Train Loss: 0.1059, Valid batches: 335/335

Epoch 5/30, Batch 1/335, Loss: 0.0807, Valid batches: 1

Epoch 5/30, Batch 6/335, Loss: 0.0974, Valid batches: 6

Epoch 5/30, Batch 11/335, Loss: 0.1098, Valid batches: 11

Epoch 5/30, Batch 16/335, Loss: 0.0973, Valid batches: 16

Epoch 5/30, Batch 21/335, Loss: 0.1106, Valid batches: 21

Epoch 5/30, Batch 26/335, Loss: 0.0965, Valid batches: 26

Epoch 5/30, Batch 31/335, Loss: 0.1213, Valid batches: 31

Epoch 5/30, Batch 36/335, Loss: 0.1449, Valid batches: 36

Epoch 5/30, Batch 41/335, Loss: 0.0997, Valid batches: 41

Epoch 5/30, Batch 46/335, Loss: 0.0874, Valid batches: 46

Epoch 5/30, Batch 51/335, Loss: 0.0971, Valid batches: 51

Epoch 5/30, Batch 56/335, Loss: 0.1259, Valid batches: 56

Epoch 5/30, Batch 61/335, Loss: 0.1170, Valid batches: 61

Epoch 5/30, Batch 66/335, Loss: 0.0949, Valid batches: 66

Epoch 5/30, Batch 71/335, Loss: 0.1639, Valid batches: 71

Epoch 5/30, Batch 76/335, Loss: 0.0957, Valid batches: 76

Epoch 5/30, Batch 81/335, Loss: 0.0932, Valid batches: 81

Epoch 5/30, Batch 86/335, Loss: 0.1052, Valid batches: 86

Epoch 5/30, Batch 91/335, Loss: 0.0804, Valid batches: 91

Epoch 5/30, Batch 96/335, Loss: 0.1055, Valid batches: 96

Epoch 5/30, Batch 101/335, Loss: 0.0902, Valid batches: 101

Epoch 5/30, Batch 106/335, Loss: 0.0978, Valid batches: 106

Epoch 5/30, Batch 111/335, Loss: 0.1487, Valid batches: 111

Epoch 5/30, Batch 116/335, Loss: 0.0964, Valid batches: 116

Epoch 5/30, Batch 121/335, Loss: 0.1021, Valid batches: 121

Epoch 5/30, Batch 126/335, Loss: 0.1103, Valid batches: 126

Epoch 5/30, Batch 131/335, Loss: 0.0973, Valid batches: 131

Epoch 5/30, Batch 136/335, Loss: 0.1083, Valid batches: 136

Epoch 5/30, Batch 141/335, Loss: 0.0957, Valid batches: 141

Epoch 5/30, Batch 146/335, Loss: 0.0867, Valid batches: 146

Epoch 5/30, Batch 151/335, Loss: 0.1172, Valid batches: 151

Epoch 5/30, Batch 156/335, Loss: 0.1004, Valid batches: 156

Epoch 5/30, Batch 161/335, Loss: 0.1019, Valid batches: 161

Epoch 5/30, Batch 166/335, Loss: 0.1107, Valid batches: 166

Epoch 5/30, Batch 171/335, Loss: 0.0971, Valid batches: 171

Epoch 5/30, Batch 176/335, Loss: 0.0756, Valid batches: 176
Epoch 5/30, Batch 181/335, Loss: 0.0983, Valid batches: 181
Epoch 5/30, Batch 186/335, Loss: 0.1077, Valid batches: 186
Epoch 5/30, Batch 191/335, Loss: 0.1324, Valid batches: 191
Epoch 5/30, Batch 196/335, Loss: 0.1015, Valid batches: 196
Epoch 5/30, Batch 201/335, Loss: 0.0990, Valid batches: 201
Epoch 5/30, Batch 206/335, Loss: 0.0993, Valid batches: 206
Epoch 5/30, Batch 211/335, Loss: 0.1241, Valid batches: 211
Epoch 5/30, Batch 216/335, Loss: 0.1053, Valid batches: 216
Epoch 5/30, Batch 221/335, Loss: 0.0823, Valid batches: 221
Epoch 5/30, Batch 226/335, Loss: 0.1032, Valid batches: 226
Epoch 5/30, Batch 231/335, Loss: 0.1115, Valid batches: 231
Epoch 5/30, Batch 236/335, Loss: 0.0911, Valid batches: 236
Epoch 5/30, Batch 241/335, Loss: 0.1035, Valid batches: 241
Epoch 5/30, Batch 246/335, Loss: 0.1385, Valid batches: 246
Epoch 5/30, Batch 251/335, Loss: 0.0950, Valid batches: 251
Epoch 5/30, Batch 256/335, Loss: 0.1225, Valid batches: 256
Epoch 5/30, Batch 261/335, Loss: 0.0998, Valid batches: 261
Epoch 5/30, Batch 266/335, Loss: 0.0951, Valid batches: 266
Epoch 5/30, Batch 271/335, Loss: 0.0954, Valid batches: 271
Epoch 5/30, Batch 276/335, Loss: 0.1097, Valid batches: 276
Epoch 5/30, Batch 281/335, Loss: 0.1006, Valid batches: 281
Epoch 5/30, Batch 286/335, Loss: 0.1327, Valid batches: 286
Epoch 5/30, Batch 291/335, Loss: 0.0983, Valid batches: 291
Epoch 5/30, Batch 296/335, Loss: 0.1057, Valid batches: 296
Epoch 5/30, Batch 301/335, Loss: 0.1189, Valid batches: 301
Epoch 5/30, Batch 306/335, Loss: 0.1109, Valid batches: 306
Epoch 5/30, Batch 311/335, Loss: 0.0822, Valid batches: 311
Epoch 5/30, Batch 316/335, Loss: 0.1113, Valid batches: 316
Epoch 5/30, Batch 321/335, Loss: 0.0811, Valid batches: 321
Epoch 5/30, Batch 326/335, Loss: 0.0903, Valid batches: 326
Epoch 5/30, Batch 331/335, Loss: 0.1027, Valid batches: 331

Probability distribution for first example:

æ: 0.2573
: 0.1049
r: 0.0683
n: 0.0540
ə: 0.0503
k: 0.0489
l: 0.0359
s: 0.0339
t: 0.0326
m: 0.0289

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.2501)
Token 1: æ (prob: 0.4113)

Token 2: æ (prob: 0.3465)
 Token 3: æ (prob: 0.2963)
 Token 4: æ (prob: 0.2713)
 Token 5: æ (prob: 0.1817)
 True: "conscious" ['k', ' ', 'n', ' ', 'ə', 's'], Predicted: kə
 True: "overthrow" ['o', ' ', 'v', 'ə', 'r', ' ', 'r', 'o', ' ', ' '], Predicted: pəl
 True: "cocoon" ['k', 'ə', 'k', 'u', 'n'], Predicted: æ
 Epoch 5/30, Train Loss: 0.1038, Valid batches: 335/335
 Epoch 6/30, Batch 1/335, Loss: 0.0791, Valid batches: 1
 Epoch 6/30, Batch 6/335, Loss: 0.0949, Valid batches: 6
 Epoch 6/30, Batch 11/335, Loss: 0.1148, Valid batches: 11
 Epoch 6/30, Batch 16/335, Loss: 0.0936, Valid batches: 16
 Epoch 6/30, Batch 21/335, Loss: 0.0959, Valid batches: 21
 Epoch 6/30, Batch 26/335, Loss: 0.0981, Valid batches: 26
 Epoch 6/30, Batch 31/335, Loss: 0.1089, Valid batches: 31
 Epoch 6/30, Batch 36/335, Loss: 0.0986, Valid batches: 36
 Epoch 6/30, Batch 41/335, Loss: 0.0852, Valid batches: 41
 Epoch 6/30, Batch 46/335, Loss: 0.0961, Valid batches: 46
 Epoch 6/30, Batch 51/335, Loss: 0.1059, Valid batches: 51
 Epoch 6/30, Batch 56/335, Loss: 0.0915, Valid batches: 56
 Epoch 6/30, Batch 61/335, Loss: 0.1046, Valid batches: 61
 Epoch 6/30, Batch 66/335, Loss: 0.1279, Valid batches: 66
 Epoch 6/30, Batch 71/335, Loss: 0.0931, Valid batches: 71
 Epoch 6/30, Batch 76/335, Loss: 0.0948, Valid batches: 76
 Epoch 6/30, Batch 81/335, Loss: 0.0927, Valid batches: 81
 Epoch 6/30, Batch 86/335, Loss: 0.1063, Valid batches: 86
 Epoch 6/30, Batch 91/335, Loss: 0.0917, Valid batches: 91
 Epoch 6/30, Batch 96/335, Loss: 0.1116, Valid batches: 96
 Epoch 6/30, Batch 101/335, Loss: 0.0838, Valid batches: 101
 Epoch 6/30, Batch 106/335, Loss: 0.0939, Valid batches: 106
 Epoch 6/30, Batch 111/335, Loss: 0.1015, Valid batches: 111
 Epoch 6/30, Batch 116/335, Loss: 0.0849, Valid batches: 116
 Epoch 6/30, Batch 121/335, Loss: 0.0912, Valid batches: 121
 Epoch 6/30, Batch 126/335, Loss: 0.1049, Valid batches: 126
 Epoch 6/30, Batch 131/335, Loss: 0.0795, Valid batches: 131
 Epoch 6/30, Batch 136/335, Loss: 0.1167, Valid batches: 136
 Epoch 6/30, Batch 141/335, Loss: 0.0993, Valid batches: 141
 Epoch 6/30, Batch 146/335, Loss: 0.1052, Valid batches: 146
 Epoch 6/30, Batch 151/335, Loss: 0.0982, Valid batches: 151
 Epoch 6/30, Batch 156/335, Loss: 0.0928, Valid batches: 156
 Epoch 6/30, Batch 161/335, Loss: 0.1079, Valid batches: 161
 Epoch 6/30, Batch 166/335, Loss: 0.0761, Valid batches: 166
 Epoch 6/30, Batch 171/335, Loss: 0.1342, Valid batches: 171
 Epoch 6/30, Batch 176/335, Loss: 0.0914, Valid batches: 176
 Epoch 6/30, Batch 181/335, Loss: 0.0931, Valid batches: 181
 Epoch 6/30, Batch 186/335, Loss: 0.0890, Valid batches: 186
 Epoch 6/30, Batch 191/335, Loss: 0.0933, Valid batches: 191
 Epoch 6/30, Batch 196/335, Loss: 0.1080, Valid batches: 196

Epoch 6/30, Batch 201/335, Loss: 0.0917, Valid batches: 201
Epoch 6/30, Batch 206/335, Loss: 0.1089, Valid batches: 206
Epoch 6/30, Batch 211/335, Loss: 0.0885, Valid batches: 211
Epoch 6/30, Batch 216/335, Loss: 0.1028, Valid batches: 216
Epoch 6/30, Batch 221/335, Loss: 0.1144, Valid batches: 221
Epoch 6/30, Batch 226/335, Loss: 0.1014, Valid batches: 226
Epoch 6/30, Batch 231/335, Loss: 0.0997, Valid batches: 231
Epoch 6/30, Batch 236/335, Loss: 0.0854, Valid batches: 236
Epoch 6/30, Batch 241/335, Loss: 0.0957, Valid batches: 241
Epoch 6/30, Batch 246/335, Loss: 0.1332, Valid batches: 246
Epoch 6/30, Batch 251/335, Loss: 0.0833, Valid batches: 251
Epoch 6/30, Batch 256/335, Loss: 0.1307, Valid batches: 256
Epoch 6/30, Batch 261/335, Loss: 0.0986, Valid batches: 261
Epoch 6/30, Batch 266/335, Loss: 0.1080, Valid batches: 266
Epoch 6/30, Batch 271/335, Loss: 0.0880, Valid batches: 271
Epoch 6/30, Batch 276/335, Loss: 0.1240, Valid batches: 276
Epoch 6/30, Batch 281/335, Loss: 0.1239, Valid batches: 281
Epoch 6/30, Batch 286/335, Loss: 0.0903, Valid batches: 286
Epoch 6/30, Batch 291/335, Loss: 0.1071, Valid batches: 291
Epoch 6/30, Batch 296/335, Loss: 0.0864, Valid batches: 296
Epoch 6/30, Batch 301/335, Loss: 0.0985, Valid batches: 301
Epoch 6/30, Batch 306/335, Loss: 0.1229, Valid batches: 306
Epoch 6/30, Batch 311/335, Loss: 0.1242, Valid batches: 311
Epoch 6/30, Batch 316/335, Loss: 0.1109, Valid batches: 316
Epoch 6/30, Batch 321/335, Loss: 0.0896, Valid batches: 321
Epoch 6/30, Batch 326/335, Loss: 0.1388, Valid batches: 326
Epoch 6/30, Batch 331/335, Loss: 0.1055, Valid batches: 331

Probability distribution for first example:

æ: 0.2990
: 0.0866
n: 0.0600
r: 0.0531
ə: 0.0474
k: 0.0400
s: 0.0310
t: 0.0288
l: 0.0272
m: 0.0199

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.2338)
Token 1: æ (prob: 0.4856)
Token 2: æ (prob: 0.4291)
Token 3: æ (prob: 0.3534)
Token 4: æ (prob: 0.3050)
Token 5: æ (prob: 0.1912)
True: "conscious" ['k', ' ', 'n', ' ', 'ə', 's'], Predicted: kæ

True: "overthrow" ['o', ' ', 'v', 'ə', 'r', ' ', 'r', 'o', ' '], Predicted: hæł
 True: "cocoon" ['k', 'ə', 'k', 'u', 'n'], Predicted: ðæ
 Epoch 6/30, Train Loss: 0.1017, Valid batches: 335/335
 Epoch 7/30, Batch 1/335, Loss: 0.0960, Valid batches: 1
 Epoch 7/30, Batch 6/335, Loss: 0.1042, Valid batches: 6
 Epoch 7/30, Batch 11/335, Loss: 0.1254, Valid batches: 11
 Epoch 7/30, Batch 16/335, Loss: 0.0888, Valid batches: 16
 Epoch 7/30, Batch 21/335, Loss: 0.1369, Valid batches: 21
 Epoch 7/30, Batch 26/335, Loss: 0.0923, Valid batches: 26
 Epoch 7/30, Batch 31/335, Loss: 0.0687, Valid batches: 31
 Epoch 7/30, Batch 36/335, Loss: 0.0923, Valid batches: 36
 Epoch 7/30, Batch 41/335, Loss: 0.0964, Valid batches: 41
 Epoch 7/30, Batch 46/335, Loss: 0.1149, Valid batches: 46
 Epoch 7/30, Batch 51/335, Loss: 0.0998, Valid batches: 51
 Epoch 7/30, Batch 56/335, Loss: 0.1021, Valid batches: 56
 Epoch 7/30, Batch 61/335, Loss: 0.1163, Valid batches: 61
 Epoch 7/30, Batch 66/335, Loss: 0.0962, Valid batches: 66
 Epoch 7/30, Batch 71/335, Loss: 0.0960, Valid batches: 71
 Epoch 7/30, Batch 76/335, Loss: 0.1059, Valid batches: 76
 Epoch 7/30, Batch 81/335, Loss: 0.0950, Valid batches: 81
 Epoch 7/30, Batch 86/335, Loss: 0.0896, Valid batches: 86
 Epoch 7/30, Batch 91/335, Loss: 0.0957, Valid batches: 91
 Epoch 7/30, Batch 96/335, Loss: 0.0858, Valid batches: 96
 Epoch 7/30, Batch 101/335, Loss: 0.1086, Valid batches: 101
 Epoch 7/30, Batch 106/335, Loss: 0.1050, Valid batches: 106
 Epoch 7/30, Batch 111/335, Loss: 0.0878, Valid batches: 111
 Epoch 7/30, Batch 116/335, Loss: 0.0910, Valid batches: 116
 Epoch 7/30, Batch 121/335, Loss: 0.1331, Valid batches: 121
 Epoch 7/30, Batch 126/335, Loss: 0.1058, Valid batches: 126
 Epoch 7/30, Batch 131/335, Loss: 0.1577, Valid batches: 131
 Epoch 7/30, Batch 136/335, Loss: 0.0939, Valid batches: 136
 Epoch 7/30, Batch 141/335, Loss: 0.0838, Valid batches: 141
 Epoch 7/30, Batch 146/335, Loss: 0.0862, Valid batches: 146
 Epoch 7/30, Batch 151/335, Loss: 0.1270, Valid batches: 151
 Epoch 7/30, Batch 156/335, Loss: 0.1049, Valid batches: 156
 Epoch 7/30, Batch 161/335, Loss: 0.0808, Valid batches: 161
 Epoch 7/30, Batch 166/335, Loss: 0.1492, Valid batches: 166
 Epoch 7/30, Batch 171/335, Loss: 0.1264, Valid batches: 171
 Epoch 7/30, Batch 176/335, Loss: 0.0922, Valid batches: 176
 Epoch 7/30, Batch 181/335, Loss: 0.1313, Valid batches: 181
 Epoch 7/30, Batch 186/335, Loss: 0.1083, Valid batches: 186
 Epoch 7/30, Batch 191/335, Loss: 0.0864, Valid batches: 191
 Epoch 7/30, Batch 196/335, Loss: 0.1338, Valid batches: 196
 Epoch 7/30, Batch 201/335, Loss: 0.0896, Valid batches: 201
 Epoch 7/30, Batch 206/335, Loss: 0.1055, Valid batches: 206
 Epoch 7/30, Batch 211/335, Loss: 0.1105, Valid batches: 211
 Epoch 7/30, Batch 216/335, Loss: 0.0912, Valid batches: 216
 Epoch 7/30, Batch 221/335, Loss: 0.0897, Valid batches: 221

Epoch 7/30, Batch 226/335, Loss: 0.0961, Valid batches: 226
 Epoch 7/30, Batch 231/335, Loss: 0.0914, Valid batches: 231
 Epoch 7/30, Batch 236/335, Loss: 0.1555, Valid batches: 236
 Epoch 7/30, Batch 241/335, Loss: 0.0789, Valid batches: 241
 Epoch 7/30, Batch 246/335, Loss: 0.0995, Valid batches: 246
 Epoch 7/30, Batch 251/335, Loss: 0.1027, Valid batches: 251
 Epoch 7/30, Batch 256/335, Loss: 0.0892, Valid batches: 256
 Epoch 7/30, Batch 261/335, Loss: 0.1121, Valid batches: 261
 Epoch 7/30, Batch 266/335, Loss: 0.0905, Valid batches: 266
 Epoch 7/30, Batch 271/335, Loss: 0.0963, Valid batches: 271
 Epoch 7/30, Batch 276/335, Loss: 0.0946, Valid batches: 276
 Epoch 7/30, Batch 281/335, Loss: 0.0992, Valid batches: 281
 Epoch 7/30, Batch 286/335, Loss: 0.0901, Valid batches: 286
 Epoch 7/30, Batch 291/335, Loss: 0.1391, Valid batches: 291
 Epoch 7/30, Batch 296/335, Loss: 0.1354, Valid batches: 296
 Epoch 7/30, Batch 301/335, Loss: 0.0904, Valid batches: 301
 Epoch 7/30, Batch 306/335, Loss: 0.1050, Valid batches: 306
 Epoch 7/30, Batch 311/335, Loss: 0.0738, Valid batches: 311
 Epoch 7/30, Batch 316/335, Loss: 0.0945, Valid batches: 316
 Epoch 7/30, Batch 321/335, Loss: 0.0924, Valid batches: 321
 Epoch 7/30, Batch 326/335, Loss: 0.0895, Valid batches: 326
 Epoch 7/30, Batch 331/335, Loss: 0.1001, Valid batches: 331

Probability distribution for first example:

æ: 0.2878
 : 0.0887
 r: 0.0555
 ə: 0.0526
 n: 0.0495
 t: 0.0409
 k: 0.0401
 f: 0.0370
 s: 0.0363
 l: 0.0205

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.3178)
 Token 1: æ (prob: 0.5179)
 Token 2: æ (prob: 0.3575)
 Token 3: æ (prob: 0.3073)
 Token 4: æ (prob: 0.3011)
 Token 5: æ (prob: 0.1854)
 True: "conscious" ['k', ' ', 'n', ' ', 'ə', 's'], Predicted: kæ
 True: "overthrow" ['o', ' ', 'v', 'ə', 'r', ' ', 'r', 'o', ' ', ''], Predicted: pæl
 True: "cocoon" ['k', 'ə', 'k', 'u', 'n'], Predicted: æ
 Epoch 7/30, Train Loss: 0.1003, Valid batches: 335/335
 Epoch 8/30, Batch 1/335, Loss: 0.0991, Valid batches: 1
 Epoch 8/30, Batch 6/335, Loss: 0.1091, Valid batches: 6

Epoch 8/30, Batch 11/335, Loss: 0.1012, Valid batches: 11
Epoch 8/30, Batch 16/335, Loss: 0.0809, Valid batches: 16
Epoch 8/30, Batch 21/335, Loss: 0.1115, Valid batches: 21
Epoch 8/30, Batch 26/335, Loss: 0.1005, Valid batches: 26
Epoch 8/30, Batch 31/335, Loss: 0.1281, Valid batches: 31
Epoch 8/30, Batch 36/335, Loss: 0.0904, Valid batches: 36
Epoch 8/30, Batch 41/335, Loss: 0.1359, Valid batches: 41
Epoch 8/30, Batch 46/335, Loss: 0.0964, Valid batches: 46
Epoch 8/30, Batch 51/335, Loss: 0.1597, Valid batches: 51
Epoch 8/30, Batch 56/335, Loss: 0.1031, Valid batches: 56
Epoch 8/30, Batch 61/335, Loss: 0.0881, Valid batches: 61
Epoch 8/30, Batch 66/335, Loss: 0.1022, Valid batches: 66
Epoch 8/30, Batch 71/335, Loss: 0.0910, Valid batches: 71
Epoch 8/30, Batch 76/335, Loss: 0.0732, Valid batches: 76
Epoch 8/30, Batch 81/335, Loss: 0.0834, Valid batches: 81
Epoch 8/30, Batch 86/335, Loss: 0.1077, Valid batches: 86
Epoch 8/30, Batch 91/335, Loss: 0.0940, Valid batches: 91
Epoch 8/30, Batch 96/335, Loss: 0.0783, Valid batches: 96
Epoch 8/30, Batch 101/335, Loss: 0.0877, Valid batches: 101
Epoch 8/30, Batch 106/335, Loss: 0.1390, Valid batches: 106
Epoch 8/30, Batch 111/335, Loss: 0.0988, Valid batches: 111
Epoch 8/30, Batch 116/335, Loss: 0.0927, Valid batches: 116
Epoch 8/30, Batch 121/335, Loss: 0.1267, Valid batches: 121
Epoch 8/30, Batch 126/335, Loss: 0.0902, Valid batches: 126
Epoch 8/30, Batch 131/335, Loss: 0.1079, Valid batches: 131
Epoch 8/30, Batch 136/335, Loss: 0.1412, Valid batches: 136
Epoch 8/30, Batch 141/335, Loss: 0.0952, Valid batches: 141
Epoch 8/30, Batch 146/335, Loss: 0.1117, Valid batches: 146
Epoch 8/30, Batch 151/335, Loss: 0.0914, Valid batches: 151
Epoch 8/30, Batch 156/335, Loss: 0.0821, Valid batches: 156
Epoch 8/30, Batch 161/335, Loss: 0.0745, Valid batches: 161
Epoch 8/30, Batch 166/335, Loss: 0.0871, Valid batches: 166
Epoch 8/30, Batch 171/335, Loss: 0.0912, Valid batches: 171
Epoch 8/30, Batch 176/335, Loss: 0.0844, Valid batches: 176
Epoch 8/30, Batch 181/335, Loss: 0.0794, Valid batches: 181
Epoch 8/30, Batch 186/335, Loss: 0.0871, Valid batches: 186
Epoch 8/30, Batch 191/335, Loss: 0.0870, Valid batches: 191
Epoch 8/30, Batch 196/335, Loss: 0.0782, Valid batches: 196
Epoch 8/30, Batch 201/335, Loss: 0.0977, Valid batches: 201
Epoch 8/30, Batch 206/335, Loss: 0.0938, Valid batches: 206
Epoch 8/30, Batch 211/335, Loss: 0.1038, Valid batches: 211
Epoch 8/30, Batch 216/335, Loss: 0.1064, Valid batches: 216
Epoch 8/30, Batch 221/335, Loss: 0.1104, Valid batches: 221
Epoch 8/30, Batch 226/335, Loss: 0.0967, Valid batches: 226
Epoch 8/30, Batch 231/335, Loss: 0.0997, Valid batches: 231
Epoch 8/30, Batch 236/335, Loss: 0.1064, Valid batches: 236
Epoch 8/30, Batch 241/335, Loss: 0.0832, Valid batches: 241
Epoch 8/30, Batch 246/335, Loss: 0.1028, Valid batches: 246

Epoch 8/30, Batch 251/335, Loss: 0.1008, Valid batches: 251
Epoch 8/30, Batch 256/335, Loss: 0.0810, Valid batches: 256
Epoch 8/30, Batch 261/335, Loss: 0.1030, Valid batches: 261
Epoch 8/30, Batch 266/335, Loss: 0.0845, Valid batches: 266
Epoch 8/30, Batch 271/335, Loss: 0.1063, Valid batches: 271
Epoch 8/30, Batch 276/335, Loss: 0.0934, Valid batches: 276
Epoch 8/30, Batch 281/335, Loss: 0.1009, Valid batches: 281
Epoch 8/30, Batch 286/335, Loss: 0.0896, Valid batches: 286
Epoch 8/30, Batch 291/335, Loss: 0.1033, Valid batches: 291
Epoch 8/30, Batch 296/335, Loss: 0.1070, Valid batches: 296
Epoch 8/30, Batch 301/335, Loss: 0.0778, Valid batches: 301
Epoch 8/30, Batch 306/335, Loss: 0.0942, Valid batches: 306
Epoch 8/30, Batch 311/335, Loss: 0.0988, Valid batches: 311
Epoch 8/30, Batch 316/335, Loss: 0.0915, Valid batches: 316
Epoch 8/30, Batch 321/335, Loss: 0.1182, Valid batches: 321
Epoch 8/30, Batch 326/335, Loss: 0.1282, Valid batches: 326
Epoch 8/30, Batch 331/335, Loss: 0.0874, Valid batches: 331

Probability distribution for first example:

æ: 0.2384
: 0.0867
n: 0.0614
k: 0.0579
r: 0.0560
ə: 0.0536
s: 0.0296
f: 0.0269
t: 0.0266
l: 0.0219

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.4543)
Token 1: æ (prob: 0.4310)
Token 2: æ (prob: 0.3142)
Token 3: æ (prob: 0.2906)
Token 4: æ (prob: 0.2791)
Token 5: æ (prob: 0.1713)
True: "conscious" ['k', ' ', 'n', ' ', 'ə', 's'], Predicted: kæ
True: "overthrow" ['o', ' ', 'v', 'ə', 'r', ' ', 'r', 'o', ' ', ' '], Predicted: pæ
True: "cocoon" ['k', 'ə', 'k', 'u', 'n'], Predicted: ðæ
Epoch 8/30, Train Loss: 0.0989, Valid batches: 335/335
Epoch 9/30, Batch 1/335, Loss: 0.0994, Valid batches: 1
Epoch 9/30, Batch 6/335, Loss: 0.0794, Valid batches: 6
Epoch 9/30, Batch 11/335, Loss: 0.1240, Valid batches: 11
Epoch 9/30, Batch 16/335, Loss: 0.0872, Valid batches: 16
Epoch 9/30, Batch 21/335, Loss: 0.0927, Valid batches: 21
Epoch 9/30, Batch 26/335, Loss: 0.0810, Valid batches: 26
Epoch 9/30, Batch 31/335, Loss: 0.0928, Valid batches: 31

Epoch 9/30, Batch 36/335, Loss: 0.1258, Valid batches: 36
Epoch 9/30, Batch 41/335, Loss: 0.0849, Valid batches: 41
Epoch 9/30, Batch 46/335, Loss: 0.0875, Valid batches: 46
Epoch 9/30, Batch 51/335, Loss: 0.0943, Valid batches: 51
Epoch 9/30, Batch 56/335, Loss: 0.0970, Valid batches: 56
Epoch 9/30, Batch 61/335, Loss: 0.1209, Valid batches: 61
Epoch 9/30, Batch 66/335, Loss: 0.0781, Valid batches: 66
Epoch 9/30, Batch 71/335, Loss: 0.0854, Valid batches: 71
Epoch 9/30, Batch 76/335, Loss: 0.1028, Valid batches: 76
Epoch 9/30, Batch 81/335, Loss: 0.0935, Valid batches: 81
Epoch 9/30, Batch 86/335, Loss: 0.0994, Valid batches: 86
Epoch 9/30, Batch 91/335, Loss: 0.1015, Valid batches: 91
Epoch 9/30, Batch 96/335, Loss: 0.0811, Valid batches: 96
Epoch 9/30, Batch 101/335, Loss: 0.0920, Valid batches: 101
Epoch 9/30, Batch 106/335, Loss: 0.1171, Valid batches: 106
Epoch 9/30, Batch 111/335, Loss: 0.0900, Valid batches: 111
Epoch 9/30, Batch 116/335, Loss: 0.0767, Valid batches: 116
Epoch 9/30, Batch 121/335, Loss: 0.0969, Valid batches: 121
Epoch 9/30, Batch 126/335, Loss: 0.0752, Valid batches: 126
Epoch 9/30, Batch 131/335, Loss: 0.1112, Valid batches: 131
Epoch 9/30, Batch 136/335, Loss: 0.0835, Valid batches: 136
Epoch 9/30, Batch 141/335, Loss: 0.0763, Valid batches: 141
Epoch 9/30, Batch 146/335, Loss: 0.1083, Valid batches: 146
Epoch 9/30, Batch 151/335, Loss: 0.0964, Valid batches: 151
Epoch 9/30, Batch 156/335, Loss: 0.0962, Valid batches: 156
Epoch 9/30, Batch 161/335, Loss: 0.1139, Valid batches: 161
Epoch 9/30, Batch 166/335, Loss: 0.0920, Valid batches: 166
Epoch 9/30, Batch 171/335, Loss: 0.1018, Valid batches: 171
Epoch 9/30, Batch 176/335, Loss: 0.0976, Valid batches: 176
Epoch 9/30, Batch 181/335, Loss: 0.0809, Valid batches: 181
Epoch 9/30, Batch 186/335, Loss: 0.1104, Valid batches: 186
Epoch 9/30, Batch 191/335, Loss: 0.0955, Valid batches: 191
Epoch 9/30, Batch 196/335, Loss: 0.0920, Valid batches: 196
Epoch 9/30, Batch 201/335, Loss: 0.1056, Valid batches: 201
Epoch 9/30, Batch 206/335, Loss: 0.1013, Valid batches: 206
Epoch 9/30, Batch 211/335, Loss: 0.0872, Valid batches: 211
Epoch 9/30, Batch 216/335, Loss: 0.0982, Valid batches: 216
Epoch 9/30, Batch 221/335, Loss: 0.0831, Valid batches: 221
Epoch 9/30, Batch 226/335, Loss: 0.1232, Valid batches: 226
Epoch 9/30, Batch 231/335, Loss: 0.0840, Valid batches: 231
Epoch 9/30, Batch 236/335, Loss: 0.1314, Valid batches: 236
Epoch 9/30, Batch 241/335, Loss: 0.0929, Valid batches: 241
Epoch 9/30, Batch 246/335, Loss: 0.0976, Valid batches: 246
Epoch 9/30, Batch 251/335, Loss: 0.0980, Valid batches: 251
Epoch 9/30, Batch 256/335, Loss: 0.1006, Valid batches: 256
Epoch 9/30, Batch 261/335, Loss: 0.1341, Valid batches: 261
Epoch 9/30, Batch 266/335, Loss: 0.0985, Valid batches: 266
Epoch 9/30, Batch 271/335, Loss: 0.0975, Valid batches: 271

Epoch 9/30, Batch 276/335, Loss: 0.1080, Valid batches: 276
 Epoch 9/30, Batch 281/335, Loss: 0.0883, Valid batches: 281
 Epoch 9/30, Batch 286/335, Loss: 0.0948, Valid batches: 286
 Epoch 9/30, Batch 291/335, Loss: 0.1129, Valid batches: 291
 Epoch 9/30, Batch 296/335, Loss: 0.0926, Valid batches: 296
 Epoch 9/30, Batch 301/335, Loss: 0.0813, Valid batches: 301
 Epoch 9/30, Batch 306/335, Loss: 0.1143, Valid batches: 306
 Epoch 9/30, Batch 311/335, Loss: 0.1150, Valid batches: 311
 Epoch 9/30, Batch 316/335, Loss: 0.0889, Valid batches: 316
 Epoch 9/30, Batch 321/335, Loss: 0.0881, Valid batches: 321
 Epoch 9/30, Batch 326/335, Loss: 0.1179, Valid batches: 326
 Epoch 9/30, Batch 331/335, Loss: 0.0795, Valid batches: 331

Probability distribution for first example:

æ: 0.2186
 : 0.0949
 n: 0.0533
 ə: 0.0484
 r: 0.0484
 s: 0.0434
 k: 0.0425
 f: 0.0348
 t: 0.0306
 w: 0.0190

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.3154)
 Token 1: æ (prob: 0.4588)
 Token 2: æ (prob: 0.3054)
 Token 3: æ (prob: 0.2376)
 Token 4: æ (prob: 0.2161)
 Token 5: æ (prob: 0.1432)
 True: "conscious" ['k', ' ', 'n', ' ', 'ə', 's'], Predicted: kæ
 True: "overthrow" ['o', ' ', 'v', 'ə', 'r', ' ', 'r', 'o', ' '], Predicted: pææ
 True: "cocoon" ['k', 'ə', 'k', 'u', 'n'], Predicted: kæ
 Epoch 9/30, Train Loss: 0.0977, Valid batches: 335/335
 Epoch 10/30, Batch 1/335, Loss: 0.0970, Valid batches: 1
 Epoch 10/30, Batch 6/335, Loss: 0.0981, Valid batches: 6
 Epoch 10/30, Batch 11/335, Loss: 0.1001, Valid batches: 11
 Epoch 10/30, Batch 16/335, Loss: 0.0934, Valid batches: 16
 Epoch 10/30, Batch 21/335, Loss: 0.1473, Valid batches: 21
 Epoch 10/30, Batch 26/335, Loss: 0.1016, Valid batches: 26
 Epoch 10/30, Batch 31/335, Loss: 0.1041, Valid batches: 31
 Epoch 10/30, Batch 36/335, Loss: 0.0901, Valid batches: 36
 Epoch 10/30, Batch 41/335, Loss: 0.0913, Valid batches: 41
 Epoch 10/30, Batch 46/335, Loss: 0.1011, Valid batches: 46
 Epoch 10/30, Batch 51/335, Loss: 0.0916, Valid batches: 51
 Epoch 10/30, Batch 56/335, Loss: 0.1041, Valid batches: 56

Epoch 10/30, Batch 61/335, Loss: 0.1269, Valid batches: 61
Epoch 10/30, Batch 66/335, Loss: 0.1012, Valid batches: 66
Epoch 10/30, Batch 71/335, Loss: 0.0929, Valid batches: 71
Epoch 10/30, Batch 76/335, Loss: 0.0902, Valid batches: 76
Epoch 10/30, Batch 81/335, Loss: 0.0858, Valid batches: 81
Epoch 10/30, Batch 86/335, Loss: 0.0949, Valid batches: 86
Epoch 10/30, Batch 91/335, Loss: 0.0821, Valid batches: 91
Epoch 10/30, Batch 96/335, Loss: 0.0855, Valid batches: 96
Epoch 10/30, Batch 101/335, Loss: 0.0975, Valid batches: 101
Epoch 10/30, Batch 106/335, Loss: 0.0926, Valid batches: 106
Epoch 10/30, Batch 111/335, Loss: 0.1026, Valid batches: 111
Epoch 10/30, Batch 116/335, Loss: 0.0899, Valid batches: 116
Epoch 10/30, Batch 121/335, Loss: 0.0954, Valid batches: 121
Epoch 10/30, Batch 126/335, Loss: 0.1226, Valid batches: 126
Epoch 10/30, Batch 131/335, Loss: 0.0913, Valid batches: 131
Epoch 10/30, Batch 136/335, Loss: 0.1025, Valid batches: 136
Epoch 10/30, Batch 141/335, Loss: 0.0980, Valid batches: 141
Epoch 10/30, Batch 146/335, Loss: 0.0991, Valid batches: 146
Epoch 10/30, Batch 151/335, Loss: 0.1019, Valid batches: 151
Epoch 10/30, Batch 156/335, Loss: 0.0977, Valid batches: 156
Epoch 10/30, Batch 161/335, Loss: 0.0820, Valid batches: 161
Epoch 10/30, Batch 166/335, Loss: 0.0829, Valid batches: 166
Epoch 10/30, Batch 171/335, Loss: 0.0797, Valid batches: 171
Epoch 10/30, Batch 176/335, Loss: 0.0961, Valid batches: 176
Epoch 10/30, Batch 181/335, Loss: 0.0882, Valid batches: 181
Epoch 10/30, Batch 186/335, Loss: 0.1061, Valid batches: 186
Epoch 10/30, Batch 191/335, Loss: 0.1006, Valid batches: 191
Epoch 10/30, Batch 196/335, Loss: 0.1099, Valid batches: 196
Epoch 10/30, Batch 201/335, Loss: 0.0761, Valid batches: 201
Epoch 10/30, Batch 206/335, Loss: 0.0805, Valid batches: 206
Epoch 10/30, Batch 211/335, Loss: 0.0918, Valid batches: 211
Epoch 10/30, Batch 216/335, Loss: 0.1032, Valid batches: 216
Epoch 10/30, Batch 221/335, Loss: 0.0998, Valid batches: 221
Epoch 10/30, Batch 226/335, Loss: 0.0796, Valid batches: 226
Epoch 10/30, Batch 231/335, Loss: 0.1508, Valid batches: 231
Epoch 10/30, Batch 236/335, Loss: 0.1010, Valid batches: 236
Epoch 10/30, Batch 241/335, Loss: 0.1113, Valid batches: 241
Epoch 10/30, Batch 246/335, Loss: 0.0862, Valid batches: 246
Epoch 10/30, Batch 251/335, Loss: 0.1249, Valid batches: 251
Epoch 10/30, Batch 256/335, Loss: 0.0903, Valid batches: 256
Epoch 10/30, Batch 261/335, Loss: 0.0719, Valid batches: 261
Epoch 10/30, Batch 266/335, Loss: 0.0876, Valid batches: 266
Epoch 10/30, Batch 271/335, Loss: 0.0886, Valid batches: 271
Epoch 10/30, Batch 276/335, Loss: 0.0938, Valid batches: 276
Epoch 10/30, Batch 281/335, Loss: 0.1139, Valid batches: 281
Epoch 10/30, Batch 286/335, Loss: 0.0913, Valid batches: 286
Epoch 10/30, Batch 291/335, Loss: 0.0758, Valid batches: 291
Epoch 10/30, Batch 296/335, Loss: 0.1018, Valid batches: 296

Epoch 10/30, Batch 301/335, Loss: 0.0933, Valid batches: 301
 Epoch 10/30, Batch 306/335, Loss: 0.1059, Valid batches: 306
 Epoch 10/30, Batch 311/335, Loss: 0.0814, Valid batches: 311
 Epoch 10/30, Batch 316/335, Loss: 0.0923, Valid batches: 316
 Epoch 10/30, Batch 321/335, Loss: 0.0965, Valid batches: 321
 Epoch 10/30, Batch 326/335, Loss: 0.1118, Valid batches: 326
 Epoch 10/30, Batch 331/335, Loss: 0.1057, Valid batches: 331

Probability distribution for first example:

æ: 0.2823
 : 0.1108
 n: 0.0531
 ə: 0.0483
 r: 0.0470
 s: 0.0445
 f: 0.0360
 k: 0.0294
 t: 0.0268
 w: 0.0196

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.2705)
 Token 1: æ (prob: 0.5474)
 Token 2: æ (prob: 0.3430)
 Token 3: æ (prob: 0.3052)
 Token 4: æ (prob: 0.2950)
 Token 5: æ (prob: 0.1693)
 True: "conscious" ['k', ' ', 'n', ' ', 'ə', 's'], Predicted: kæ
 True: "overthrow" ['o', ' ', 'v', 'ə', 'r', ' ', 'r', 'o', ' '], Predicted: pæ
 True: "cocoon" ['k', 'ə', 'k', 'u', 'n'], Predicted: ðæ
 Epoch 10/30, Train Loss: 0.0964, Valid batches: 335/335
 Epoch 11/30, Batch 1/335, Loss: 0.0924, Valid batches: 1
 Epoch 11/30, Batch 6/335, Loss: 0.1184, Valid batches: 6
 Epoch 11/30, Batch 11/335, Loss: 0.1070, Valid batches: 11
 Epoch 11/30, Batch 16/335, Loss: 0.1158, Valid batches: 16
 Epoch 11/30, Batch 21/335, Loss: 0.0960, Valid batches: 21
 Epoch 11/30, Batch 26/335, Loss: 0.0915, Valid batches: 26
 Epoch 11/30, Batch 31/335, Loss: 0.1010, Valid batches: 31
 Epoch 11/30, Batch 36/335, Loss: 0.0750, Valid batches: 36
 Epoch 11/30, Batch 41/335, Loss: 0.0775, Valid batches: 41
 Epoch 11/30, Batch 46/335, Loss: 0.0934, Valid batches: 46
 Epoch 11/30, Batch 51/335, Loss: 0.0908, Valid batches: 51
 Epoch 11/30, Batch 56/335, Loss: 0.1159, Valid batches: 56
 Epoch 11/30, Batch 61/335, Loss: 0.0979, Valid batches: 61
 Epoch 11/30, Batch 66/335, Loss: 0.1029, Valid batches: 66
 Epoch 11/30, Batch 71/335, Loss: 0.0969, Valid batches: 71
 Epoch 11/30, Batch 76/335, Loss: 0.0882, Valid batches: 76
 Epoch 11/30, Batch 81/335, Loss: 0.0960, Valid batches: 81

Epoch 11/30, Batch 86/335, Loss: 0.0882, Valid batches: 86
Epoch 11/30, Batch 91/335, Loss: 0.1135, Valid batches: 91
Epoch 11/30, Batch 96/335, Loss: 0.0875, Valid batches: 96
Epoch 11/30, Batch 101/335, Loss: 0.1000, Valid batches: 101
Epoch 11/30, Batch 106/335, Loss: 0.0843, Valid batches: 106
Epoch 11/30, Batch 111/335, Loss: 0.0730, Valid batches: 111
Epoch 11/30, Batch 116/335, Loss: 0.0888, Valid batches: 116
Epoch 11/30, Batch 121/335, Loss: 0.0981, Valid batches: 121
Epoch 11/30, Batch 126/335, Loss: 0.0749, Valid batches: 126
Epoch 11/30, Batch 131/335, Loss: 0.0984, Valid batches: 131
Epoch 11/30, Batch 136/335, Loss: 0.0952, Valid batches: 136
Epoch 11/30, Batch 141/335, Loss: 0.1002, Valid batches: 141
Epoch 11/30, Batch 146/335, Loss: 0.0918, Valid batches: 146
Epoch 11/30, Batch 151/335, Loss: 0.0800, Valid batches: 151
Epoch 11/30, Batch 156/335, Loss: 0.0807, Valid batches: 156
Epoch 11/30, Batch 161/335, Loss: 0.0857, Valid batches: 161
Epoch 11/30, Batch 166/335, Loss: 0.1248, Valid batches: 166
Epoch 11/30, Batch 171/335, Loss: 0.1070, Valid batches: 171
Epoch 11/30, Batch 176/335, Loss: 0.0870, Valid batches: 176
Epoch 11/30, Batch 181/335, Loss: 0.0952, Valid batches: 181
Epoch 11/30, Batch 186/335, Loss: 0.1197, Valid batches: 186
Epoch 11/30, Batch 191/335, Loss: 0.0980, Valid batches: 191
Epoch 11/30, Batch 196/335, Loss: 0.0962, Valid batches: 196
Epoch 11/30, Batch 201/335, Loss: 0.0996, Valid batches: 201
Epoch 11/30, Batch 206/335, Loss: 0.1374, Valid batches: 206
Epoch 11/30, Batch 211/335, Loss: 0.1424, Valid batches: 211
Epoch 11/30, Batch 216/335, Loss: 0.0837, Valid batches: 216
Epoch 11/30, Batch 221/335, Loss: 0.0774, Valid batches: 221
Epoch 11/30, Batch 226/335, Loss: 0.0807, Valid batches: 226
Epoch 11/30, Batch 231/335, Loss: 0.0816, Valid batches: 231
Epoch 11/30, Batch 236/335, Loss: 0.1269, Valid batches: 236
Epoch 11/30, Batch 241/335, Loss: 0.0794, Valid batches: 241
Epoch 11/30, Batch 246/335, Loss: 0.0772, Valid batches: 246
Epoch 11/30, Batch 251/335, Loss: 0.0983, Valid batches: 251
Epoch 11/30, Batch 256/335, Loss: 0.0957, Valid batches: 256
Epoch 11/30, Batch 261/335, Loss: 0.1132, Valid batches: 261
Epoch 11/30, Batch 266/335, Loss: 0.0862, Valid batches: 266
Epoch 11/30, Batch 271/335, Loss: 0.0848, Valid batches: 271
Epoch 11/30, Batch 276/335, Loss: 0.0921, Valid batches: 276
Epoch 11/30, Batch 281/335, Loss: 0.0910, Valid batches: 281
Epoch 11/30, Batch 286/335, Loss: 0.0863, Valid batches: 286
Epoch 11/30, Batch 291/335, Loss: 0.0854, Valid batches: 291
Epoch 11/30, Batch 296/335, Loss: 0.1113, Valid batches: 296
Epoch 11/30, Batch 301/335, Loss: 0.0806, Valid batches: 301
Epoch 11/30, Batch 306/335, Loss: 0.1181, Valid batches: 306
Epoch 11/30, Batch 311/335, Loss: 0.0795, Valid batches: 311
Epoch 11/30, Batch 316/335, Loss: 0.0913, Valid batches: 316
Epoch 11/30, Batch 321/335, Loss: 0.0659, Valid batches: 321

Epoch 11/30, Batch 326/335, Loss: 0.1066, Valid batches: 326
Epoch 11/30, Batch 331/335, Loss: 0.0939, Valid batches: 331

Probability distribution for first example:

æ: 0.2322
: 0.0867
ə: 0.0615
n: 0.0578
f: 0.0453
r: 0.0421
s: 0.0403
t: 0.0335
k: 0.0307
w: 0.0194

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.3881)
Token 1: æ (prob: 0.5119)
Token 2: æ (prob: 0.2533)
Token 3: æ (prob: 0.2334)
Token 4: æ (prob: 0.2472)
Token 5: æ (prob: 0.1464)
True: "conscious" ['k', ' ', 'n', ' ', 'ə', 's'], Predicted: kæ
True: "overthrow" ['o', ' ', 'v', 'ə', 'r', ' ', 'r', 'o', ' ', ''], Predicted: pæ
True: "cocoon" ['k', 'ə', 'k', 'u', 'n'], Predicted: ðæ

Epoch 11/30, Train Loss: 0.0951, Valid batches: 335/335
Epoch 12/30, Batch 1/335, Loss: 0.0794, Valid batches: 1
Epoch 12/30, Batch 6/335, Loss: 0.0853, Valid batches: 6
Epoch 12/30, Batch 11/335, Loss: 0.1002, Valid batches: 11
Epoch 12/30, Batch 16/335, Loss: 0.0909, Valid batches: 16
Epoch 12/30, Batch 21/335, Loss: 0.0877, Valid batches: 21
Epoch 12/30, Batch 26/335, Loss: 0.1193, Valid batches: 26
Epoch 12/30, Batch 31/335, Loss: 0.1002, Valid batches: 31
Epoch 12/30, Batch 36/335, Loss: 0.0849, Valid batches: 36
Epoch 12/30, Batch 41/335, Loss: 0.0734, Valid batches: 41
Epoch 12/30, Batch 46/335, Loss: 0.1184, Valid batches: 46
Epoch 12/30, Batch 51/335, Loss: 0.0843, Valid batches: 51
Epoch 12/30, Batch 56/335, Loss: 0.0799, Valid batches: 56
Epoch 12/30, Batch 61/335, Loss: 0.0761, Valid batches: 61
Epoch 12/30, Batch 66/335, Loss: 0.0781, Valid batches: 66
Epoch 12/30, Batch 71/335, Loss: 0.0724, Valid batches: 71
Epoch 12/30, Batch 76/335, Loss: 0.0933, Valid batches: 76
Epoch 12/30, Batch 81/335, Loss: 0.0913, Valid batches: 81
Epoch 12/30, Batch 86/335, Loss: 0.1196, Valid batches: 86
Epoch 12/30, Batch 91/335, Loss: 0.1188, Valid batches: 91
Epoch 12/30, Batch 96/335, Loss: 0.0779, Valid batches: 96
Epoch 12/30, Batch 101/335, Loss: 0.0907, Valid batches: 101
Epoch 12/30, Batch 106/335, Loss: 0.0926, Valid batches: 106

Epoch 12/30, Batch 111/335, Loss: 0.0952, Valid batches: 111
Epoch 12/30, Batch 116/335, Loss: 0.1087, Valid batches: 116
Epoch 12/30, Batch 121/335, Loss: 0.0916, Valid batches: 121
Epoch 12/30, Batch 126/335, Loss: 0.1082, Valid batches: 126
Epoch 12/30, Batch 131/335, Loss: 0.1115, Valid batches: 131
Epoch 12/30, Batch 136/335, Loss: 0.1168, Valid batches: 136
Epoch 12/30, Batch 141/335, Loss: 0.0751, Valid batches: 141
Epoch 12/30, Batch 146/335, Loss: 0.1036, Valid batches: 146
Epoch 12/30, Batch 151/335, Loss: 0.0875, Valid batches: 151
Epoch 12/30, Batch 156/335, Loss: 0.0778, Valid batches: 156
Epoch 12/30, Batch 161/335, Loss: 0.0822, Valid batches: 161
Epoch 12/30, Batch 166/335, Loss: 0.0796, Valid batches: 166
Epoch 12/30, Batch 171/335, Loss: 0.0895, Valid batches: 171
Epoch 12/30, Batch 176/335, Loss: 0.0942, Valid batches: 176
Epoch 12/30, Batch 181/335, Loss: 0.0953, Valid batches: 181
Epoch 12/30, Batch 186/335, Loss: 0.0855, Valid batches: 186
Epoch 12/30, Batch 191/335, Loss: 0.0753, Valid batches: 191
Epoch 12/30, Batch 196/335, Loss: 0.0862, Valid batches: 196
Epoch 12/30, Batch 201/335, Loss: 0.0831, Valid batches: 201
Epoch 12/30, Batch 206/335, Loss: 0.1161, Valid batches: 206
Epoch 12/30, Batch 211/335, Loss: 0.1150, Valid batches: 211
Epoch 12/30, Batch 216/335, Loss: 0.1006, Valid batches: 216
Epoch 12/30, Batch 221/335, Loss: 0.1017, Valid batches: 221
Epoch 12/30, Batch 226/335, Loss: 0.0882, Valid batches: 226
Epoch 12/30, Batch 231/335, Loss: 0.1094, Valid batches: 231
Epoch 12/30, Batch 236/335, Loss: 0.0781, Valid batches: 236
Epoch 12/30, Batch 241/335, Loss: 0.0962, Valid batches: 241
Epoch 12/30, Batch 246/335, Loss: 0.0720, Valid batches: 246
Epoch 12/30, Batch 251/335, Loss: 0.0837, Valid batches: 251
Epoch 12/30, Batch 256/335, Loss: 0.0807, Valid batches: 256
Epoch 12/30, Batch 261/335, Loss: 0.0777, Valid batches: 261
Epoch 12/30, Batch 266/335, Loss: 0.0954, Valid batches: 266
Epoch 12/30, Batch 271/335, Loss: 0.0778, Valid batches: 271
Epoch 12/30, Batch 276/335, Loss: 0.0921, Valid batches: 276
Epoch 12/30, Batch 281/335, Loss: 0.1004, Valid batches: 281
Epoch 12/30, Batch 286/335, Loss: 0.0984, Valid batches: 286
Epoch 12/30, Batch 291/335, Loss: 0.0852, Valid batches: 291
Epoch 12/30, Batch 296/335, Loss: 0.1034, Valid batches: 296
Epoch 12/30, Batch 301/335, Loss: 0.0757, Valid batches: 301
Epoch 12/30, Batch 306/335, Loss: 0.0832, Valid batches: 306
Epoch 12/30, Batch 311/335, Loss: 0.1082, Valid batches: 311
Epoch 12/30, Batch 316/335, Loss: 0.0952, Valid batches: 316
Epoch 12/30, Batch 321/335, Loss: 0.0779, Valid batches: 321
Epoch 12/30, Batch 326/335, Loss: 0.0988, Valid batches: 326
Epoch 12/30, Batch 331/335, Loss: 0.1261, Valid batches: 331

Probability distribution for first example:

æ: 0.2347

: 0.0951
n: 0.0662
ə: 0.0578
r: 0.0540
f: 0.0395
s: 0.0384
t: 0.0310
k: 0.0293
: 0.0169

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.3021)
Token 1: æ (prob: 0.4889)
Token 2: æ (prob: 0.2621)
Token 3: æ (prob: 0.2566)
Token 4: æ (prob: 0.2630)
Token 5: æ (prob: 0.1437)
True: "conscious" ['k', ' ', 'n', ' ', 'ə', 's'], Predicted: kə
True: "overthrow" ['o', ' ', 'v', 'ə', 'r', ' ', 'r', 'o', ' '], Predicted: ær
True: "cocoon" ['k', 'ə', 'k', 'u', 'n'], Predicted: æ
Epoch 12/30, Train Loss: 0.0942, Valid batches: 335/335
Epoch 13/30, Batch 1/335, Loss: 0.0901, Valid batches: 1
Epoch 13/30, Batch 6/335, Loss: 0.0883, Valid batches: 6
Epoch 13/30, Batch 11/335, Loss: 0.1247, Valid batches: 11
Epoch 13/30, Batch 16/335, Loss: 0.0728, Valid batches: 16
Epoch 13/30, Batch 21/335, Loss: 0.1158, Valid batches: 21
Epoch 13/30, Batch 26/335, Loss: 0.0722, Valid batches: 26
Epoch 13/30, Batch 31/335, Loss: 0.0963, Valid batches: 31
Epoch 13/30, Batch 36/335, Loss: 0.0974, Valid batches: 36
Epoch 13/30, Batch 41/335, Loss: 0.0989, Valid batches: 41
Epoch 13/30, Batch 46/335, Loss: 0.0930, Valid batches: 46
Epoch 13/30, Batch 51/335, Loss: 0.0862, Valid batches: 51
Epoch 13/30, Batch 56/335, Loss: 0.0868, Valid batches: 56
Epoch 13/30, Batch 61/335, Loss: 0.0791, Valid batches: 61
Epoch 13/30, Batch 66/335, Loss: 0.1094, Valid batches: 66
Epoch 13/30, Batch 71/335, Loss: 0.1109, Valid batches: 71
Epoch 13/30, Batch 76/335, Loss: 0.0876, Valid batches: 76
Epoch 13/30, Batch 81/335, Loss: 0.0833, Valid batches: 81
Epoch 13/30, Batch 86/335, Loss: 0.0876, Valid batches: 86
Epoch 13/30, Batch 91/335, Loss: 0.0818, Valid batches: 91
Epoch 13/30, Batch 96/335, Loss: 0.0862, Valid batches: 96
Epoch 13/30, Batch 101/335, Loss: 0.0942, Valid batches: 101
Epoch 13/30, Batch 106/335, Loss: 0.0927, Valid batches: 106
Epoch 13/30, Batch 111/335, Loss: 0.1158, Valid batches: 111
Epoch 13/30, Batch 116/335, Loss: 0.0932, Valid batches: 116
Epoch 13/30, Batch 121/335, Loss: 0.0872, Valid batches: 121
Epoch 13/30, Batch 126/335, Loss: 0.0927, Valid batches: 126
Epoch 13/30, Batch 131/335, Loss: 0.0927, Valid batches: 131

Epoch 13/30, Batch 136/335, Loss: 0.0984, Valid batches: 136
Epoch 13/30, Batch 141/335, Loss: 0.0906, Valid batches: 141
Epoch 13/30, Batch 146/335, Loss: 0.0855, Valid batches: 146
Epoch 13/30, Batch 151/335, Loss: 0.0872, Valid batches: 151
Epoch 13/30, Batch 156/335, Loss: 0.0914, Valid batches: 156
Epoch 13/30, Batch 161/335, Loss: 0.1397, Valid batches: 161
Epoch 13/30, Batch 166/335, Loss: 0.0995, Valid batches: 166
Epoch 13/30, Batch 171/335, Loss: 0.0942, Valid batches: 171
Epoch 13/30, Batch 176/335, Loss: 0.0813, Valid batches: 176
Epoch 13/30, Batch 181/335, Loss: 0.0946, Valid batches: 181
Epoch 13/30, Batch 186/335, Loss: 0.1022, Valid batches: 186
Epoch 13/30, Batch 191/335, Loss: 0.1032, Valid batches: 191
Epoch 13/30, Batch 196/335, Loss: 0.0871, Valid batches: 196
Epoch 13/30, Batch 201/335, Loss: 0.0945, Valid batches: 201
Epoch 13/30, Batch 206/335, Loss: 0.0776, Valid batches: 206
Epoch 13/30, Batch 211/335, Loss: 0.1132, Valid batches: 211
Epoch 13/30, Batch 216/335, Loss: 0.0984, Valid batches: 216
Epoch 13/30, Batch 221/335, Loss: 0.0760, Valid batches: 221
Epoch 13/30, Batch 226/335, Loss: 0.1138, Valid batches: 226
Epoch 13/30, Batch 231/335, Loss: 0.1095, Valid batches: 231
Epoch 13/30, Batch 236/335, Loss: 0.1235, Valid batches: 236
Epoch 13/30, Batch 241/335, Loss: 0.0817, Valid batches: 241
Epoch 13/30, Batch 246/335, Loss: 0.0888, Valid batches: 246
Epoch 13/30, Batch 251/335, Loss: 0.0864, Valid batches: 251
Epoch 13/30, Batch 256/335, Loss: 0.0839, Valid batches: 256
Epoch 13/30, Batch 261/335, Loss: 0.0763, Valid batches: 261
Epoch 13/30, Batch 266/335, Loss: 0.0851, Valid batches: 266
Epoch 13/30, Batch 271/335, Loss: 0.1249, Valid batches: 271
Epoch 13/30, Batch 276/335, Loss: 0.0837, Valid batches: 276
Epoch 13/30, Batch 281/335, Loss: 0.0726, Valid batches: 281
Epoch 13/30, Batch 286/335, Loss: 0.0725, Valid batches: 286
Epoch 13/30, Batch 291/335, Loss: 0.0885, Valid batches: 291
Epoch 13/30, Batch 296/335, Loss: 0.0840, Valid batches: 296
Epoch 13/30, Batch 301/335, Loss: 0.0984, Valid batches: 301
Epoch 13/30, Batch 306/335, Loss: 0.0874, Valid batches: 306
Epoch 13/30, Batch 311/335, Loss: 0.0833, Valid batches: 311
Epoch 13/30, Batch 316/335, Loss: 0.1141, Valid batches: 316
Epoch 13/30, Batch 321/335, Loss: 0.0950, Valid batches: 321
Epoch 13/30, Batch 326/335, Loss: 0.0925, Valid batches: 326
Epoch 13/30, Batch 331/335, Loss: 0.0838, Valid batches: 331

Probability distribution for first example:

æ: 0.2343
: 0.0685
n: 0.0617
ə: 0.0561
k: 0.0421
r: 0.0404

f: 0.0334
t: 0.0248
s: 0.0247
: 0.0153

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.6640)
Token 1: æ (prob: 0.4716)
Token 2: æ (prob: 0.3052)
Token 3: æ (prob: 0.2992)
Token 4: æ (prob: 0.3129)
Token 5: æ (prob: 0.1615)
True: "conscious" ['k', ' ', 'n', ' ', 'ə', 's'], Predicted: kæ
True: "overthrow" ['o', ' ', 'v', 'ə', 'r', ' ', 'r', 'o', ' '], Predicted: pæ
True: "cocoon" ['k', 'ə', 'k', 'u', 'n'], Predicted: kækæ
Epoch 13/30, Train Loss: 0.0932, Valid batches: 335/335
Epoch 14/30, Batch 1/335, Loss: 0.0869, Valid batches: 1
Epoch 14/30, Batch 6/335, Loss: 0.0906, Valid batches: 6
Epoch 14/30, Batch 11/335, Loss: 0.0843, Valid batches: 11
Epoch 14/30, Batch 16/335, Loss: 0.0889, Valid batches: 16
Epoch 14/30, Batch 21/335, Loss: 0.1100, Valid batches: 21
Epoch 14/30, Batch 26/335, Loss: 0.1039, Valid batches: 26
Epoch 14/30, Batch 31/335, Loss: 0.0851, Valid batches: 31
Epoch 14/30, Batch 36/335, Loss: 0.0757, Valid batches: 36
Epoch 14/30, Batch 41/335, Loss: 0.0825, Valid batches: 41
Epoch 14/30, Batch 46/335, Loss: 0.1250, Valid batches: 46
Epoch 14/30, Batch 51/335, Loss: 0.1032, Valid batches: 51
Epoch 14/30, Batch 56/335, Loss: 0.0957, Valid batches: 56
Epoch 14/30, Batch 61/335, Loss: 0.0881, Valid batches: 61
Epoch 14/30, Batch 66/335, Loss: 0.0709, Valid batches: 66
Epoch 14/30, Batch 71/335, Loss: 0.0776, Valid batches: 71
Epoch 14/30, Batch 76/335, Loss: 0.0754, Valid batches: 76
Epoch 14/30, Batch 81/335, Loss: 0.1109, Valid batches: 81
Epoch 14/30, Batch 86/335, Loss: 0.0742, Valid batches: 86
Epoch 14/30, Batch 91/335, Loss: 0.0854, Valid batches: 91
Epoch 14/30, Batch 96/335, Loss: 0.1226, Valid batches: 96
Epoch 14/30, Batch 101/335, Loss: 0.0873, Valid batches: 101
Epoch 14/30, Batch 106/335, Loss: 0.1171, Valid batches: 106
Epoch 14/30, Batch 111/335, Loss: 0.0875, Valid batches: 111
Epoch 14/30, Batch 116/335, Loss: 0.0970, Valid batches: 116
Epoch 14/30, Batch 121/335, Loss: 0.0696, Valid batches: 121
Epoch 14/30, Batch 126/335, Loss: 0.0890, Valid batches: 126
Epoch 14/30, Batch 131/335, Loss: 0.0760, Valid batches: 131
Epoch 14/30, Batch 136/335, Loss: 0.1036, Valid batches: 136
Epoch 14/30, Batch 141/335, Loss: 0.0826, Valid batches: 141
Epoch 14/30, Batch 146/335, Loss: 0.1008, Valid batches: 146
Epoch 14/30, Batch 151/335, Loss: 0.0815, Valid batches: 151
Epoch 14/30, Batch 156/335, Loss: 0.0874, Valid batches: 156

Epoch 14/30, Batch 161/335, Loss: 0.0827, Valid batches: 161
Epoch 14/30, Batch 166/335, Loss: 0.0885, Valid batches: 166
Epoch 14/30, Batch 171/335, Loss: 0.0830, Valid batches: 171
Epoch 14/30, Batch 176/335, Loss: 0.1140, Valid batches: 176
Epoch 14/30, Batch 181/335, Loss: 0.1016, Valid batches: 181
Epoch 14/30, Batch 186/335, Loss: 0.1029, Valid batches: 186
Epoch 14/30, Batch 191/335, Loss: 0.1172, Valid batches: 191
Epoch 14/30, Batch 196/335, Loss: 0.0856, Valid batches: 196
Epoch 14/30, Batch 201/335, Loss: 0.0965, Valid batches: 201
Epoch 14/30, Batch 206/335, Loss: 0.0809, Valid batches: 206
Epoch 14/30, Batch 211/335, Loss: 0.0992, Valid batches: 211
Epoch 14/30, Batch 216/335, Loss: 0.0795, Valid batches: 216
Epoch 14/30, Batch 221/335, Loss: 0.0869, Valid batches: 221
Epoch 14/30, Batch 226/335, Loss: 0.0928, Valid batches: 226
Epoch 14/30, Batch 231/335, Loss: 0.0770, Valid batches: 231
Epoch 14/30, Batch 236/335, Loss: 0.1156, Valid batches: 236
Epoch 14/30, Batch 241/335, Loss: 0.0812, Valid batches: 241
Epoch 14/30, Batch 246/335, Loss: 0.0739, Valid batches: 246
Epoch 14/30, Batch 251/335, Loss: 0.0755, Valid batches: 251
Epoch 14/30, Batch 256/335, Loss: 0.1101, Valid batches: 256
Epoch 14/30, Batch 261/335, Loss: 0.1054, Valid batches: 261
Epoch 14/30, Batch 266/335, Loss: 0.0896, Valid batches: 266
Epoch 14/30, Batch 271/335, Loss: 0.0853, Valid batches: 271
Epoch 14/30, Batch 276/335, Loss: 0.0915, Valid batches: 276
Epoch 14/30, Batch 281/335, Loss: 0.0838, Valid batches: 281
Epoch 14/30, Batch 286/335, Loss: 0.1017, Valid batches: 286
Epoch 14/30, Batch 291/335, Loss: 0.0899, Valid batches: 291
Epoch 14/30, Batch 296/335, Loss: 0.0742, Valid batches: 296
Epoch 14/30, Batch 301/335, Loss: 0.0900, Valid batches: 301
Epoch 14/30, Batch 306/335, Loss: 0.1007, Valid batches: 306
Epoch 14/30, Batch 311/335, Loss: 0.1110, Valid batches: 311
Epoch 14/30, Batch 316/335, Loss: 0.0935, Valid batches: 316
Epoch 14/30, Batch 321/335, Loss: 0.0903, Valid batches: 321
Epoch 14/30, Batch 326/335, Loss: 0.0853, Valid batches: 326
Epoch 14/30, Batch 331/335, Loss: 0.0975, Valid batches: 331

Probability distribution for first example:

æ: 0.2173
n: 0.0781
ə: 0.0704
: 0.0701
r: 0.0495
f: 0.0384
k: 0.0337
t: 0.0266
s: 0.0260
: 0.0120

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.6165)

Token 1: æ (prob: 0.4513)

Token 2: æ (prob: 0.2386)

Token 3: æ (prob: 0.2439)

Token 4: æ (prob: 0.2895)

Token 5: æ (prob: 0.1613)

True: "conscious" ['k', ' ', 'n', ' ', 'ə', 's'], Predicted: kæ

True: "overthrow" ['o', ' ', 'v', 'ə', 'r', ' ', 'r', 'o', ' ', ' '], Predicted: æel

True: "cocoon" ['k', 'ə', 'k', 'u', 'n'], Predicted: ðæn

Epoch 14/30, Train Loss: 0.0921, Valid batches: 335/335

Epoch 15/30, Batch 1/335, Loss: 0.0818, Valid batches: 1

Epoch 15/30, Batch 6/335, Loss: 0.1001, Valid batches: 6

Epoch 15/30, Batch 11/335, Loss: 0.0879, Valid batches: 11

Epoch 15/30, Batch 16/335, Loss: 0.0974, Valid batches: 16

Epoch 15/30, Batch 21/335, Loss: 0.0768, Valid batches: 21

Epoch 15/30, Batch 26/335, Loss: 0.0791, Valid batches: 26

Epoch 15/30, Batch 31/335, Loss: 0.1005, Valid batches: 31

Epoch 15/30, Batch 36/335, Loss: 0.0847, Valid batches: 36

Epoch 15/30, Batch 41/335, Loss: 0.0776, Valid batches: 41

Epoch 15/30, Batch 46/335, Loss: 0.1035, Valid batches: 46

Epoch 15/30, Batch 51/335, Loss: 0.1060, Valid batches: 51

Epoch 15/30, Batch 56/335, Loss: 0.0791, Valid batches: 56

Epoch 15/30, Batch 61/335, Loss: 0.0904, Valid batches: 61

Epoch 15/30, Batch 66/335, Loss: 0.0860, Valid batches: 66

Epoch 15/30, Batch 71/335, Loss: 0.0889, Valid batches: 71

Epoch 15/30, Batch 76/335, Loss: 0.0825, Valid batches: 76

Epoch 15/30, Batch 81/335, Loss: 0.0813, Valid batches: 81

Epoch 15/30, Batch 86/335, Loss: 0.1001, Valid batches: 86

Epoch 15/30, Batch 91/335, Loss: 0.0876, Valid batches: 91

Epoch 15/30, Batch 96/335, Loss: 0.0793, Valid batches: 96

Epoch 15/30, Batch 101/335, Loss: 0.0751, Valid batches: 101

Epoch 15/30, Batch 106/335, Loss: 0.0954, Valid batches: 106

Epoch 15/30, Batch 111/335, Loss: 0.0863, Valid batches: 111

Epoch 15/30, Batch 116/335, Loss: 0.0734, Valid batches: 116

Epoch 15/30, Batch 121/335, Loss: 0.0853, Valid batches: 121

Epoch 15/30, Batch 126/335, Loss: 0.0818, Valid batches: 126

Epoch 15/30, Batch 131/335, Loss: 0.0830, Valid batches: 131

Epoch 15/30, Batch 136/335, Loss: 0.0844, Valid batches: 136

Epoch 15/30, Batch 141/335, Loss: 0.1124, Valid batches: 141

Epoch 15/30, Batch 146/335, Loss: 0.1114, Valid batches: 146

Epoch 15/30, Batch 151/335, Loss: 0.0933, Valid batches: 151

Epoch 15/30, Batch 156/335, Loss: 0.0962, Valid batches: 156

Epoch 15/30, Batch 161/335, Loss: 0.0742, Valid batches: 161

Epoch 15/30, Batch 166/335, Loss: 0.0957, Valid batches: 166

Epoch 15/30, Batch 171/335, Loss: 0.0974, Valid batches: 171

Epoch 15/30, Batch 176/335, Loss: 0.0969, Valid batches: 176

Epoch 15/30, Batch 181/335, Loss: 0.0877, Valid batches: 181

Epoch 15/30, Batch 186/335, Loss: 0.0887, Valid batches: 186
Epoch 15/30, Batch 191/335, Loss: 0.0764, Valid batches: 191
Epoch 15/30, Batch 196/335, Loss: 0.0876, Valid batches: 196
Epoch 15/30, Batch 201/335, Loss: 0.0928, Valid batches: 201
Epoch 15/30, Batch 206/335, Loss: 0.0937, Valid batches: 206
Epoch 15/30, Batch 211/335, Loss: 0.0927, Valid batches: 211
Epoch 15/30, Batch 216/335, Loss: 0.0983, Valid batches: 216
Epoch 15/30, Batch 221/335, Loss: 0.0975, Valid batches: 221
Epoch 15/30, Batch 226/335, Loss: 0.1020, Valid batches: 226
Epoch 15/30, Batch 231/335, Loss: 0.0983, Valid batches: 231
Epoch 15/30, Batch 236/335, Loss: 0.0734, Valid batches: 236
Epoch 15/30, Batch 241/335, Loss: 0.1178, Valid batches: 241
Epoch 15/30, Batch 246/335, Loss: 0.0921, Valid batches: 246
Epoch 15/30, Batch 251/335, Loss: 0.1009, Valid batches: 251
Epoch 15/30, Batch 256/335, Loss: 0.1163, Valid batches: 256
Epoch 15/30, Batch 261/335, Loss: 0.0711, Valid batches: 261
Epoch 15/30, Batch 266/335, Loss: 0.0981, Valid batches: 266
Epoch 15/30, Batch 271/335, Loss: 0.1019, Valid batches: 271
Epoch 15/30, Batch 276/335, Loss: 0.0862, Valid batches: 276
Epoch 15/30, Batch 281/335, Loss: 0.1201, Valid batches: 281
Epoch 15/30, Batch 286/335, Loss: 0.0904, Valid batches: 286
Epoch 15/30, Batch 291/335, Loss: 0.0832, Valid batches: 291
Epoch 15/30, Batch 296/335, Loss: 0.0790, Valid batches: 296
Epoch 15/30, Batch 301/335, Loss: 0.0931, Valid batches: 301
Epoch 15/30, Batch 306/335, Loss: 0.1096, Valid batches: 306
Epoch 15/30, Batch 311/335, Loss: 0.0782, Valid batches: 311
Epoch 15/30, Batch 316/335, Loss: 0.0838, Valid batches: 316
Epoch 15/30, Batch 321/335, Loss: 0.0983, Valid batches: 321
Epoch 15/30, Batch 326/335, Loss: 0.0932, Valid batches: 326
Epoch 15/30, Batch 331/335, Loss: 0.0895, Valid batches: 331

Probability distribution for first example:

æ: 0.2452
: 0.0938
ə: 0.0730
n: 0.0708
f: 0.0579
r: 0.0363
s: 0.0347
t: 0.0301
k: 0.0241
: 0.0164

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.2653)
Token 1: æ (prob: 0.4743)
Token 2: f (prob: 0.2636)
Token 3: f (prob: 0.2485)

Token 4: æ (prob: 0.2965)
 Token 5: æ (prob: 0.1851)
 True: "conscious" ['k', ' ', 'n', ' ', 'ə', 's'], Predicted: kəfə
 True: "overthrow" ['o', ' ', 'v', 'ə', 'r', ' ', 'r', 'o', ' '], Predicted: æ
 True: "cocoon" ['k', 'ə', 'k', 'u', 'n'], Predicted: kækə
 Epoch 15/30, Train Loss: 0.0911, Valid batches: 335/335
 Epoch 16/30, Batch 1/335, Loss: 0.0715, Valid batches: 1
 Epoch 16/30, Batch 6/335, Loss: 0.0892, Valid batches: 6
 Epoch 16/30, Batch 11/335, Loss: 0.0948, Valid batches: 11
 Epoch 16/30, Batch 16/335, Loss: 0.0758, Valid batches: 16
 Epoch 16/30, Batch 21/335, Loss: 0.0805, Valid batches: 21
 Epoch 16/30, Batch 26/335, Loss: 0.0940, Valid batches: 26
 Epoch 16/30, Batch 31/335, Loss: 0.0924, Valid batches: 31
 Epoch 16/30, Batch 36/335, Loss: 0.0930, Valid batches: 36
 Epoch 16/30, Batch 41/335, Loss: 0.1034, Valid batches: 41
 Epoch 16/30, Batch 46/335, Loss: 0.1033, Valid batches: 46
 Epoch 16/30, Batch 51/335, Loss: 0.1134, Valid batches: 51
 Epoch 16/30, Batch 56/335, Loss: 0.0794, Valid batches: 56
 Epoch 16/30, Batch 61/335, Loss: 0.0894, Valid batches: 61
 Epoch 16/30, Batch 66/335, Loss: 0.1140, Valid batches: 66
 Epoch 16/30, Batch 71/335, Loss: 0.0856, Valid batches: 71
 Epoch 16/30, Batch 76/335, Loss: 0.0772, Valid batches: 76
 Epoch 16/30, Batch 81/335, Loss: 0.0776, Valid batches: 81
 Epoch 16/30, Batch 86/335, Loss: 0.0821, Valid batches: 86
 Epoch 16/30, Batch 91/335, Loss: 0.0857, Valid batches: 91
 Epoch 16/30, Batch 96/335, Loss: 0.0932, Valid batches: 96
 Epoch 16/30, Batch 101/335, Loss: 0.1049, Valid batches: 101
 Epoch 16/30, Batch 106/335, Loss: 0.0969, Valid batches: 106
 Epoch 16/30, Batch 111/335, Loss: 0.1007, Valid batches: 111
 Epoch 16/30, Batch 116/335, Loss: 0.0883, Valid batches: 116
 Epoch 16/30, Batch 121/335, Loss: 0.0858, Valid batches: 121
 Epoch 16/30, Batch 126/335, Loss: 0.0776, Valid batches: 126
 Epoch 16/30, Batch 131/335, Loss: 0.0919, Valid batches: 131
 Epoch 16/30, Batch 136/335, Loss: 0.0656, Valid batches: 136
 Epoch 16/30, Batch 141/335, Loss: 0.0936, Valid batches: 141
 Epoch 16/30, Batch 146/335, Loss: 0.0737, Valid batches: 146
 Epoch 16/30, Batch 151/335, Loss: 0.0771, Valid batches: 151
 Epoch 16/30, Batch 156/335, Loss: 0.0709, Valid batches: 156
 Epoch 16/30, Batch 161/335, Loss: 0.0820, Valid batches: 161
 Epoch 16/30, Batch 166/335, Loss: 0.0979, Valid batches: 166
 Epoch 16/30, Batch 171/335, Loss: 0.0761, Valid batches: 171
 Epoch 16/30, Batch 176/335, Loss: 0.0791, Valid batches: 176
 Epoch 16/30, Batch 181/335, Loss: 0.1007, Valid batches: 181
 Epoch 16/30, Batch 186/335, Loss: 0.0887, Valid batches: 186
 Epoch 16/30, Batch 191/335, Loss: 0.0946, Valid batches: 191
 Epoch 16/30, Batch 196/335, Loss: 0.0814, Valid batches: 196
 Epoch 16/30, Batch 201/335, Loss: 0.0905, Valid batches: 201
 Epoch 16/30, Batch 206/335, Loss: 0.0978, Valid batches: 206

Epoch 16/30, Batch 211/335, Loss: 0.0877, Valid batches: 211
 Epoch 16/30, Batch 216/335, Loss: 0.0826, Valid batches: 216
 Epoch 16/30, Batch 221/335, Loss: 0.0782, Valid batches: 221
 Epoch 16/30, Batch 226/335, Loss: 0.0789, Valid batches: 226
 Epoch 16/30, Batch 231/335, Loss: 0.0986, Valid batches: 231
 Epoch 16/30, Batch 236/335, Loss: 0.0853, Valid batches: 236
 Epoch 16/30, Batch 241/335, Loss: 0.0812, Valid batches: 241
 Epoch 16/30, Batch 246/335, Loss: 0.0892, Valid batches: 246
 Epoch 16/30, Batch 251/335, Loss: 0.1043, Valid batches: 251
 Epoch 16/30, Batch 256/335, Loss: 0.0813, Valid batches: 256
 Epoch 16/30, Batch 261/335, Loss: 0.1189, Valid batches: 261
 Epoch 16/30, Batch 266/335, Loss: 0.1160, Valid batches: 266
 Epoch 16/30, Batch 271/335, Loss: 0.0867, Valid batches: 271
 Epoch 16/30, Batch 276/335, Loss: 0.0865, Valid batches: 276
 Epoch 16/30, Batch 281/335, Loss: 0.1118, Valid batches: 281
 Epoch 16/30, Batch 286/335, Loss: 0.0975, Valid batches: 286
 Epoch 16/30, Batch 291/335, Loss: 0.0726, Valid batches: 291
 Epoch 16/30, Batch 296/335, Loss: 0.0803, Valid batches: 296
 Epoch 16/30, Batch 301/335, Loss: 0.1111, Valid batches: 301
 Epoch 16/30, Batch 306/335, Loss: 0.0703, Valid batches: 306
 Epoch 16/30, Batch 311/335, Loss: 0.0767, Valid batches: 311
 Epoch 16/30, Batch 316/335, Loss: 0.0948, Valid batches: 316
 Epoch 16/30, Batch 321/335, Loss: 0.0867, Valid batches: 321
 Epoch 16/30, Batch 326/335, Loss: 0.1055, Valid batches: 326
 Epoch 16/30, Batch 331/335, Loss: 0.0928, Valid batches: 331

Probability distribution for first example:

æ: 0.2185
 : 0.0803
 n: 0.0713
 ə: 0.0661
 k: 0.0398
 s: 0.0346
 f: 0.0340
 r: 0.0317
 t: 0.0300
 : 0.0127

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.5399)
 Token 1: æ (prob: 0.4945)
 Token 2: æ (prob: 0.2564)
 Token 3: æ (prob: 0.2275)
 Token 4: æ (prob: 0.2581)
 Token 5: æ (prob: 0.1568)
 True: "conscious" ['k', ' ', 'n', ' ', 'ə', 's'], Predicted: kæ
 True: "overthrow" ['o', ' ', 'v', 'ə', 'r', ' ', 'r', 'o', ' '], Predicted: æææ
 True: "cocoon" ['k', 'ə', 'k', 'u', 'n'], Predicted: æ

Epoch 16/30, Train Loss: 0.0904, Valid batches: 335/335
Epoch 17/30, Batch 1/335, Loss: 0.0886, Valid batches: 1
Epoch 17/30, Batch 6/335, Loss: 0.0808, Valid batches: 6
Epoch 17/30, Batch 11/335, Loss: 0.0843, Valid batches: 11
Epoch 17/30, Batch 16/335, Loss: 0.0859, Valid batches: 16
Epoch 17/30, Batch 21/335, Loss: 0.0893, Valid batches: 21
Epoch 17/30, Batch 26/335, Loss: 0.0858, Valid batches: 26
Epoch 17/30, Batch 31/335, Loss: 0.0821, Valid batches: 31
Epoch 17/30, Batch 36/335, Loss: 0.0812, Valid batches: 36
Epoch 17/30, Batch 41/335, Loss: 0.0866, Valid batches: 41
Epoch 17/30, Batch 46/335, Loss: 0.0962, Valid batches: 46
Epoch 17/30, Batch 51/335, Loss: 0.0684, Valid batches: 51
Epoch 17/30, Batch 56/335, Loss: 0.0886, Valid batches: 56
Epoch 17/30, Batch 61/335, Loss: 0.0893, Valid batches: 61
Epoch 17/30, Batch 66/335, Loss: 0.0830, Valid batches: 66
Epoch 17/30, Batch 71/335, Loss: 0.0930, Valid batches: 71
Epoch 17/30, Batch 76/335, Loss: 0.0793, Valid batches: 76
Epoch 17/30, Batch 81/335, Loss: 0.0843, Valid batches: 81
Epoch 17/30, Batch 86/335, Loss: 0.0739, Valid batches: 86
Epoch 17/30, Batch 91/335, Loss: 0.0879, Valid batches: 91
Epoch 17/30, Batch 96/335, Loss: 0.0887, Valid batches: 96
Epoch 17/30, Batch 101/335, Loss: 0.0832, Valid batches: 101
Epoch 17/30, Batch 106/335, Loss: 0.1280, Valid batches: 106
Epoch 17/30, Batch 111/335, Loss: 0.0691, Valid batches: 111
Epoch 17/30, Batch 116/335, Loss: 0.0831, Valid batches: 116
Epoch 17/30, Batch 121/335, Loss: 0.1156, Valid batches: 121
Epoch 17/30, Batch 126/335, Loss: 0.0809, Valid batches: 126
Epoch 17/30, Batch 131/335, Loss: 0.0889, Valid batches: 131
Epoch 17/30, Batch 136/335, Loss: 0.0861, Valid batches: 136
Epoch 17/30, Batch 141/335, Loss: 0.0830, Valid batches: 141
Epoch 17/30, Batch 146/335, Loss: 0.0817, Valid batches: 146
Epoch 17/30, Batch 151/335, Loss: 0.0927, Valid batches: 151
Epoch 17/30, Batch 156/335, Loss: 0.0888, Valid batches: 156
Epoch 17/30, Batch 161/335, Loss: 0.0893, Valid batches: 161
Epoch 17/30, Batch 166/335, Loss: 0.0921, Valid batches: 166
Epoch 17/30, Batch 171/335, Loss: 0.1121, Valid batches: 171
Epoch 17/30, Batch 176/335, Loss: 0.0812, Valid batches: 176
Epoch 17/30, Batch 181/335, Loss: 0.0753, Valid batches: 181
Epoch 17/30, Batch 186/335, Loss: 0.0992, Valid batches: 186
Epoch 17/30, Batch 191/335, Loss: 0.1038, Valid batches: 191
Epoch 17/30, Batch 196/335, Loss: 0.0812, Valid batches: 196
Epoch 17/30, Batch 201/335, Loss: 0.0898, Valid batches: 201
Epoch 17/30, Batch 206/335, Loss: 0.0802, Valid batches: 206
Epoch 17/30, Batch 211/335, Loss: 0.0947, Valid batches: 211
Epoch 17/30, Batch 216/335, Loss: 0.0835, Valid batches: 216
Epoch 17/30, Batch 221/335, Loss: 0.0805, Valid batches: 221
Epoch 17/30, Batch 226/335, Loss: 0.0812, Valid batches: 226
Epoch 17/30, Batch 231/335, Loss: 0.0798, Valid batches: 231

Epoch 17/30, Batch 236/335, Loss: 0.0759, Valid batches: 236
Epoch 17/30, Batch 241/335, Loss: 0.0769, Valid batches: 241
Epoch 17/30, Batch 246/335, Loss: 0.1057, Valid batches: 246
Epoch 17/30, Batch 251/335, Loss: 0.0966, Valid batches: 251
Epoch 17/30, Batch 256/335, Loss: 0.0701, Valid batches: 256
Epoch 17/30, Batch 261/335, Loss: 0.1013, Valid batches: 261
Epoch 17/30, Batch 266/335, Loss: 0.0727, Valid batches: 266
Epoch 17/30, Batch 271/335, Loss: 0.0814, Valid batches: 271
Epoch 17/30, Batch 276/335, Loss: 0.0970, Valid batches: 276
Epoch 17/30, Batch 281/335, Loss: 0.0749, Valid batches: 281
Epoch 17/30, Batch 286/335, Loss: 0.0978, Valid batches: 286
Epoch 17/30, Batch 291/335, Loss: 0.1032, Valid batches: 291
Epoch 17/30, Batch 296/335, Loss: 0.0885, Valid batches: 296
Epoch 17/30, Batch 301/335, Loss: 0.0931, Valid batches: 301
Epoch 17/30, Batch 306/335, Loss: 0.0800, Valid batches: 306
Epoch 17/30, Batch 311/335, Loss: 0.1130, Valid batches: 311
Epoch 17/30, Batch 316/335, Loss: 0.0942, Valid batches: 316
Epoch 17/30, Batch 321/335, Loss: 0.0990, Valid batches: 321
Epoch 17/30, Batch 326/335, Loss: 0.0878, Valid batches: 326
Epoch 17/30, Batch 331/335, Loss: 0.0968, Valid batches: 331

Probability distribution for first example:

æ: 0.2138
: 0.1041
n: 0.0568
ə: 0.0535
f: 0.0515
s: 0.0443
t: 0.0279
r: 0.0243
k: 0.0232
<blank>: 0.0220

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.2796)
Token 1: æ (prob: 0.4675)
Token 2: æ (prob: 0.2228)
Token 3: f (prob: 0.2334)
Token 4: æ (prob: 0.2468)
Token 5: æ (prob: 0.1310)
True: "conscious" ['k', ' ', 'n', ' ', 'ə', 's'], Predicted: kəfə
True: "overthrow" ['o', ' ', 'v', 'ə', 'r', ' ', 'r', 'o', ' '], Predicted: əsər
True: "cocoon" ['k', 'ə', 'k', 'u', 'n'], Predicted: gəkə
Epoch 17/30, Train Loss: 0.0894, Valid batches: 335/335
Epoch 18/30, Batch 1/335, Loss: 0.0798, Valid batches: 1
Epoch 18/30, Batch 6/335, Loss: 0.0964, Valid batches: 6
Epoch 18/30, Batch 11/335, Loss: 0.0898, Valid batches: 11
Epoch 18/30, Batch 16/335, Loss: 0.0896, Valid batches: 16

Epoch 18/30, Batch 21/335, Loss: 0.1073, Valid batches: 21
Epoch 18/30, Batch 26/335, Loss: 0.0857, Valid batches: 26
Epoch 18/30, Batch 31/335, Loss: 0.1037, Valid batches: 31
Epoch 18/30, Batch 36/335, Loss: 0.0826, Valid batches: 36
Epoch 18/30, Batch 41/335, Loss: 0.0778, Valid batches: 41
Epoch 18/30, Batch 46/335, Loss: 0.0856, Valid batches: 46
Epoch 18/30, Batch 51/335, Loss: 0.1355, Valid batches: 51
Epoch 18/30, Batch 56/335, Loss: 0.0990, Valid batches: 56
Epoch 18/30, Batch 61/335, Loss: 0.0772, Valid batches: 61
Epoch 18/30, Batch 66/335, Loss: 0.0862, Valid batches: 66
Epoch 18/30, Batch 71/335, Loss: 0.0920, Valid batches: 71
Epoch 18/30, Batch 76/335, Loss: 0.0883, Valid batches: 76
Epoch 18/30, Batch 81/335, Loss: 0.0831, Valid batches: 81
Epoch 18/30, Batch 86/335, Loss: 0.1190, Valid batches: 86
Epoch 18/30, Batch 91/335, Loss: 0.0859, Valid batches: 91
Epoch 18/30, Batch 96/335, Loss: 0.0954, Valid batches: 96
Epoch 18/30, Batch 101/335, Loss: 0.0866, Valid batches: 101
Epoch 18/30, Batch 106/335, Loss: 0.0982, Valid batches: 106
Epoch 18/30, Batch 111/335, Loss: 0.0927, Valid batches: 111
Epoch 18/30, Batch 116/335, Loss: 0.0832, Valid batches: 116
Epoch 18/30, Batch 121/335, Loss: 0.0820, Valid batches: 121
Epoch 18/30, Batch 126/335, Loss: 0.0923, Valid batches: 126
Epoch 18/30, Batch 131/335, Loss: 0.0835, Valid batches: 131
Epoch 18/30, Batch 136/335, Loss: 0.0898, Valid batches: 136
Epoch 18/30, Batch 141/335, Loss: 0.0766, Valid batches: 141
Epoch 18/30, Batch 146/335, Loss: 0.1189, Valid batches: 146
Epoch 18/30, Batch 151/335, Loss: 0.0821, Valid batches: 151
Epoch 18/30, Batch 156/335, Loss: 0.1100, Valid batches: 156
Epoch 18/30, Batch 161/335, Loss: 0.0716, Valid batches: 161
Epoch 18/30, Batch 166/335, Loss: 0.0767, Valid batches: 166
Epoch 18/30, Batch 171/335, Loss: 0.0826, Valid batches: 171
Epoch 18/30, Batch 176/335, Loss: 0.0793, Valid batches: 176
Epoch 18/30, Batch 181/335, Loss: 0.1202, Valid batches: 181
Epoch 18/30, Batch 186/335, Loss: 0.0810, Valid batches: 186
Epoch 18/30, Batch 191/335, Loss: 0.0861, Valid batches: 191
Epoch 18/30, Batch 196/335, Loss: 0.0992, Valid batches: 196
Epoch 18/30, Batch 201/335, Loss: 0.1225, Valid batches: 201
Epoch 18/30, Batch 206/335, Loss: 0.0806, Valid batches: 206
Epoch 18/30, Batch 211/335, Loss: 0.1038, Valid batches: 211
Epoch 18/30, Batch 216/335, Loss: 0.0886, Valid batches: 216
Epoch 18/30, Batch 221/335, Loss: 0.0776, Valid batches: 221
Epoch 18/30, Batch 226/335, Loss: 0.0703, Valid batches: 226
Epoch 18/30, Batch 231/335, Loss: 0.0964, Valid batches: 231
Epoch 18/30, Batch 236/335, Loss: 0.0788, Valid batches: 236
Epoch 18/30, Batch 241/335, Loss: 0.0769, Valid batches: 241
Epoch 18/30, Batch 246/335, Loss: 0.0868, Valid batches: 246
Epoch 18/30, Batch 251/335, Loss: 0.0808, Valid batches: 251
Epoch 18/30, Batch 256/335, Loss: 0.0805, Valid batches: 256

Epoch 18/30, Batch 261/335, Loss: 0.0892, Valid batches: 261
 Epoch 18/30, Batch 266/335, Loss: 0.0830, Valid batches: 266
 Epoch 18/30, Batch 271/335, Loss: 0.1257, Valid batches: 271
 Epoch 18/30, Batch 276/335, Loss: 0.1074, Valid batches: 276
 Epoch 18/30, Batch 281/335, Loss: 0.0802, Valid batches: 281
 Epoch 18/30, Batch 286/335, Loss: 0.0757, Valid batches: 286
 Epoch 18/30, Batch 291/335, Loss: 0.0822, Valid batches: 291
 Epoch 18/30, Batch 296/335, Loss: 0.1000, Valid batches: 296
 Epoch 18/30, Batch 301/335, Loss: 0.0932, Valid batches: 301
 Epoch 18/30, Batch 306/335, Loss: 0.0928, Valid batches: 306
 Epoch 18/30, Batch 311/335, Loss: 0.1033, Valid batches: 311
 Epoch 18/30, Batch 316/335, Loss: 0.0989, Valid batches: 316
 Epoch 18/30, Batch 321/335, Loss: 0.0858, Valid batches: 321
 Epoch 18/30, Batch 326/335, Loss: 0.0834, Valid batches: 326
 Epoch 18/30, Batch 331/335, Loss: 0.0749, Valid batches: 331

Probability distribution for first example:

æ: 0.2266
 : 0.0822
 n: 0.0685
 ə: 0.0587
 f: 0.0393
 r: 0.0389
 t: 0.0317
 k: 0.0299
 s: 0.0230
 : 0.0149

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.3681)
 Token 1: æ (prob: 0.5125)
 Token 2: f (prob: 0.2478)
 Token 3: f (prob: 0.2827)
 Token 4: æ (prob: 0.2905)
 Token 5: æ (prob: 0.1789)
 True: "conscious" ['k', ' ', 'n', ' ', 'ə', 's'], Predicted: kæfæ
 True: "overthrow" ['o', ' ', 'v', 'ə', 'r', ' ', 'r', 'o', ' '], Predicted: ætæ
 True: "cocoon" ['k', 'ə', 'k', 'u', 'n'], Predicted: ðæ
 Epoch 18/30, Train Loss: 0.0887, Valid batches: 335/335
 Epoch 19/30, Batch 1/335, Loss: 0.0979, Valid batches: 1
 Epoch 19/30, Batch 6/335, Loss: 0.0771, Valid batches: 6
 Epoch 19/30, Batch 11/335, Loss: 0.0889, Valid batches: 11
 Epoch 19/30, Batch 16/335, Loss: 0.1004, Valid batches: 16
 Epoch 19/30, Batch 21/335, Loss: 0.0912, Valid batches: 21
 Epoch 19/30, Batch 26/335, Loss: 0.0788, Valid batches: 26
 Epoch 19/30, Batch 31/335, Loss: 0.0907, Valid batches: 31
 Epoch 19/30, Batch 36/335, Loss: 0.0901, Valid batches: 36
 Epoch 19/30, Batch 41/335, Loss: 0.0684, Valid batches: 41

Epoch 19/30, Batch 46/335, Loss: 0.1067, Valid batches: 46
Epoch 19/30, Batch 51/335, Loss: 0.1059, Valid batches: 51
Epoch 19/30, Batch 56/335, Loss: 0.0769, Valid batches: 56
Epoch 19/30, Batch 61/335, Loss: 0.0856, Valid batches: 61
Epoch 19/30, Batch 66/335, Loss: 0.0780, Valid batches: 66
Epoch 19/30, Batch 71/335, Loss: 0.0731, Valid batches: 71
Epoch 19/30, Batch 76/335, Loss: 0.1308, Valid batches: 76
Epoch 19/30, Batch 81/335, Loss: 0.0734, Valid batches: 81
Epoch 19/30, Batch 86/335, Loss: 0.0981, Valid batches: 86
Epoch 19/30, Batch 91/335, Loss: 0.0730, Valid batches: 91
Epoch 19/30, Batch 96/335, Loss: 0.0776, Valid batches: 96
Epoch 19/30, Batch 101/335, Loss: 0.1082, Valid batches: 101
Epoch 19/30, Batch 106/335, Loss: 0.0770, Valid batches: 106
Epoch 19/30, Batch 111/335, Loss: 0.0875, Valid batches: 111
Epoch 19/30, Batch 116/335, Loss: 0.0871, Valid batches: 116
Epoch 19/30, Batch 121/335, Loss: 0.0850, Valid batches: 121
Epoch 19/30, Batch 126/335, Loss: 0.1072, Valid batches: 126
Epoch 19/30, Batch 131/335, Loss: 0.0759, Valid batches: 131
Epoch 19/30, Batch 136/335, Loss: 0.0940, Valid batches: 136
Epoch 19/30, Batch 141/335, Loss: 0.1037, Valid batches: 141
Epoch 19/30, Batch 146/335, Loss: 0.1000, Valid batches: 146
Epoch 19/30, Batch 151/335, Loss: 0.1289, Valid batches: 151
Epoch 19/30, Batch 156/335, Loss: 0.0899, Valid batches: 156
Epoch 19/30, Batch 161/335, Loss: 0.1199, Valid batches: 161
Epoch 19/30, Batch 166/335, Loss: 0.0873, Valid batches: 166
Epoch 19/30, Batch 171/335, Loss: 0.1226, Valid batches: 171
Epoch 19/30, Batch 176/335, Loss: 0.0762, Valid batches: 176
Epoch 19/30, Batch 181/335, Loss: 0.0821, Valid batches: 181
Epoch 19/30, Batch 186/335, Loss: 0.0961, Valid batches: 186
Epoch 19/30, Batch 191/335, Loss: 0.0771, Valid batches: 191
Epoch 19/30, Batch 196/335, Loss: 0.0711, Valid batches: 196
Epoch 19/30, Batch 201/335, Loss: 0.0888, Valid batches: 201
Epoch 19/30, Batch 206/335, Loss: 0.0752, Valid batches: 206
Epoch 19/30, Batch 211/335, Loss: 0.0888, Valid batches: 211
Epoch 19/30, Batch 216/335, Loss: 0.0745, Valid batches: 216
Epoch 19/30, Batch 221/335, Loss: 0.1087, Valid batches: 221
Epoch 19/30, Batch 226/335, Loss: 0.0675, Valid batches: 226
Epoch 19/30, Batch 231/335, Loss: 0.0707, Valid batches: 231
Epoch 19/30, Batch 236/335, Loss: 0.0744, Valid batches: 236
Epoch 19/30, Batch 241/335, Loss: 0.0667, Valid batches: 241
Epoch 19/30, Batch 246/335, Loss: 0.1002, Valid batches: 246
Epoch 19/30, Batch 251/335, Loss: 0.0959, Valid batches: 251
Epoch 19/30, Batch 256/335, Loss: 0.0897, Valid batches: 256
Epoch 19/30, Batch 261/335, Loss: 0.0846, Valid batches: 261
Epoch 19/30, Batch 266/335, Loss: 0.1082, Valid batches: 266
Epoch 19/30, Batch 271/335, Loss: 0.0794, Valid batches: 271
Epoch 19/30, Batch 276/335, Loss: 0.1025, Valid batches: 276
Epoch 19/30, Batch 281/335, Loss: 0.0858, Valid batches: 281

Epoch 19/30, Batch 286/335, Loss: 0.0840, Valid batches: 286
Epoch 19/30, Batch 291/335, Loss: 0.0813, Valid batches: 291
Epoch 19/30, Batch 296/335, Loss: 0.0644, Valid batches: 296
Epoch 19/30, Batch 301/335, Loss: 0.0774, Valid batches: 301
Epoch 19/30, Batch 306/335, Loss: 0.0717, Valid batches: 306
Epoch 19/30, Batch 311/335, Loss: 0.0747, Valid batches: 311
Epoch 19/30, Batch 316/335, Loss: 0.0904, Valid batches: 316
Epoch 19/30, Batch 321/335, Loss: 0.0909, Valid batches: 321
Epoch 19/30, Batch 326/335, Loss: 0.0783, Valid batches: 326
Epoch 19/30, Batch 331/335, Loss: 0.0883, Valid batches: 331

Probability distribution for first example:

æ: 0.2167
ə: 0.0711
: 0.0612
n: 0.0610
f: 0.0530
t: 0.0330
s: 0.0319
r: 0.0291
k: 0.0271
: 0.0141

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.5290)
Token 1: æ (prob: 0.4765)
Token 2: f (prob: 0.2691)
Token 3: f (prob: 0.2670)
Token 4: æ (prob: 0.3034)
Token 5: æ (prob: 0.1635)
True: "conscious" ['k', ' ', 'n', ' ', 'ə', 's'], Predicted: kæfæ
True: "overthrow" ['o', ' ', 'v', 'ə', 'r', ' ', 'r', 'o', ' '], Predicted: sææ
True: "cocoon" ['k', 'ə', 'k', 'u', 'n'], Predicted: kækæ
Epoch 19/30, Train Loss: 0.0879, Valid batches: 335/335
Epoch 20/30, Batch 1/335, Loss: 0.1124, Valid batches: 1
Epoch 20/30, Batch 6/335, Loss: 0.0978, Valid batches: 6
Epoch 20/30, Batch 11/335, Loss: 0.0862, Valid batches: 11
Epoch 20/30, Batch 16/335, Loss: 0.0907, Valid batches: 16
Epoch 20/30, Batch 21/335, Loss: 0.0799, Valid batches: 21
Epoch 20/30, Batch 26/335, Loss: 0.0958, Valid batches: 26
Epoch 20/30, Batch 31/335, Loss: 0.0994, Valid batches: 31
Epoch 20/30, Batch 36/335, Loss: 0.0897, Valid batches: 36
Epoch 20/30, Batch 41/335, Loss: 0.0694, Valid batches: 41
Epoch 20/30, Batch 46/335, Loss: 0.0739, Valid batches: 46
Epoch 20/30, Batch 51/335, Loss: 0.0915, Valid batches: 51
Epoch 20/30, Batch 56/335, Loss: 0.0833, Valid batches: 56
Epoch 20/30, Batch 61/335, Loss: 0.0989, Valid batches: 61
Epoch 20/30, Batch 66/335, Loss: 0.0943, Valid batches: 66

Epoch 20/30, Batch 71/335, Loss: 0.0801, Valid batches: 71
Epoch 20/30, Batch 76/335, Loss: 0.0771, Valid batches: 76
Epoch 20/30, Batch 81/335, Loss: 0.0809, Valid batches: 81
Epoch 20/30, Batch 86/335, Loss: 0.0770, Valid batches: 86
Epoch 20/30, Batch 91/335, Loss: 0.0852, Valid batches: 91
Epoch 20/30, Batch 96/335, Loss: 0.0829, Valid batches: 96
Epoch 20/30, Batch 101/335, Loss: 0.0993, Valid batches: 101
Epoch 20/30, Batch 106/335, Loss: 0.0736, Valid batches: 106
Epoch 20/30, Batch 111/335, Loss: 0.1010, Valid batches: 111
Epoch 20/30, Batch 116/335, Loss: 0.0966, Valid batches: 116
Epoch 20/30, Batch 121/335, Loss: 0.0774, Valid batches: 121
Epoch 20/30, Batch 126/335, Loss: 0.0785, Valid batches: 126
Epoch 20/30, Batch 131/335, Loss: 0.0813, Valid batches: 131
Epoch 20/30, Batch 136/335, Loss: 0.0728, Valid batches: 136
Epoch 20/30, Batch 141/335, Loss: 0.0781, Valid batches: 141
Epoch 20/30, Batch 146/335, Loss: 0.0777, Valid batches: 146
Epoch 20/30, Batch 151/335, Loss: 0.0669, Valid batches: 151
Epoch 20/30, Batch 156/335, Loss: 0.0974, Valid batches: 156
Epoch 20/30, Batch 161/335, Loss: 0.0788, Valid batches: 161
Epoch 20/30, Batch 166/335, Loss: 0.0708, Valid batches: 166
Epoch 20/30, Batch 171/335, Loss: 0.0936, Valid batches: 171
Epoch 20/30, Batch 176/335, Loss: 0.0951, Valid batches: 176
Epoch 20/30, Batch 181/335, Loss: 0.0774, Valid batches: 181
Epoch 20/30, Batch 186/335, Loss: 0.1106, Valid batches: 186
Epoch 20/30, Batch 191/335, Loss: 0.1066, Valid batches: 191
Epoch 20/30, Batch 196/335, Loss: 0.1126, Valid batches: 196
Epoch 20/30, Batch 201/335, Loss: 0.0911, Valid batches: 201
Epoch 20/30, Batch 206/335, Loss: 0.0870, Valid batches: 206
Epoch 20/30, Batch 211/335, Loss: 0.1065, Valid batches: 211
Epoch 20/30, Batch 216/335, Loss: 0.0893, Valid batches: 216
Epoch 20/30, Batch 221/335, Loss: 0.0960, Valid batches: 221
Epoch 20/30, Batch 226/335, Loss: 0.0796, Valid batches: 226
Epoch 20/30, Batch 231/335, Loss: 0.1313, Valid batches: 231
Epoch 20/30, Batch 236/335, Loss: 0.0936, Valid batches: 236
Epoch 20/30, Batch 241/335, Loss: 0.1060, Valid batches: 241
Epoch 20/30, Batch 246/335, Loss: 0.0806, Valid batches: 246
Epoch 20/30, Batch 251/335, Loss: 0.0958, Valid batches: 251
Epoch 20/30, Batch 256/335, Loss: 0.1096, Valid batches: 256
Epoch 20/30, Batch 261/335, Loss: 0.0835, Valid batches: 261
Epoch 20/30, Batch 266/335, Loss: 0.0906, Valid batches: 266
Epoch 20/30, Batch 271/335, Loss: 0.0855, Valid batches: 271
Epoch 20/30, Batch 276/335, Loss: 0.0831, Valid batches: 276
Epoch 20/30, Batch 281/335, Loss: 0.0889, Valid batches: 281
Epoch 20/30, Batch 286/335, Loss: 0.0991, Valid batches: 286
Epoch 20/30, Batch 291/335, Loss: 0.0850, Valid batches: 291
Epoch 20/30, Batch 296/335, Loss: 0.0884, Valid batches: 296
Epoch 20/30, Batch 301/335, Loss: 0.0849, Valid batches: 301
Epoch 20/30, Batch 306/335, Loss: 0.0810, Valid batches: 306

Epoch 20/30, Batch 311/335, Loss: 0.0748, Valid batches: 311
Epoch 20/30, Batch 316/335, Loss: 0.0819, Valid batches: 316
Epoch 20/30, Batch 321/335, Loss: 0.0856, Valid batches: 321
Epoch 20/30, Batch 326/335, Loss: 0.0738, Valid batches: 326
Epoch 20/30, Batch 331/335, Loss: 0.0784, Valid batches: 331

Probability distribution for first example:

æ: 0.2322
: 0.0910
f: 0.0545
n: 0.0506
ə: 0.0482
s: 0.0472
r: 0.0315
t: 0.0293
<blank>: 0.0240
: 0.0233

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.1769)
Token 1: æ (prob: 0.4806)
Token 2: f (prob: 0.2001)
Token 3: æ (prob: 0.2620)
Token 4: æ (prob: 0.2902)
Token 5: æ (prob: 0.1351)
True: "conscious" ['k', ' ', 'n', ' ', 'ə', 's'], Predicted: kæfæ
True: "overthrow" ['o', ' ', 'v', 'ə', 'r', ' ', 'r', 'o', ' '], Predicted: fæ
True: "cocoon" ['k', 'ə', 'k', 'u', 'n'], Predicted: kækæ
Epoch 20/30, Train Loss: 0.0870, Valid batches: 335/335
Epoch 21/30, Batch 1/335, Loss: 0.0937, Valid batches: 1
Epoch 21/30, Batch 6/335, Loss: 0.0832, Valid batches: 6
Epoch 21/30, Batch 11/335, Loss: 0.1255, Valid batches: 11
Epoch 21/30, Batch 16/335, Loss: 0.0836, Valid batches: 16
Epoch 21/30, Batch 21/335, Loss: 0.0678, Valid batches: 21
Epoch 21/30, Batch 26/335, Loss: 0.0898, Valid batches: 26
Epoch 21/30, Batch 31/335, Loss: 0.0868, Valid batches: 31
Epoch 21/30, Batch 36/335, Loss: 0.0936, Valid batches: 36
Epoch 21/30, Batch 41/335, Loss: 0.0868, Valid batches: 41
Epoch 21/30, Batch 46/335, Loss: 0.0847, Valid batches: 46
Epoch 21/30, Batch 51/335, Loss: 0.0739, Valid batches: 51
Epoch 21/30, Batch 56/335, Loss: 0.1149, Valid batches: 56
Epoch 21/30, Batch 61/335, Loss: 0.1145, Valid batches: 61
Epoch 21/30, Batch 66/335, Loss: 0.0819, Valid batches: 66
Epoch 21/30, Batch 71/335, Loss: 0.0799, Valid batches: 71
Epoch 21/30, Batch 76/335, Loss: 0.0844, Valid batches: 76
Epoch 21/30, Batch 81/335, Loss: 0.0826, Valid batches: 81
Epoch 21/30, Batch 86/335, Loss: 0.0888, Valid batches: 86
Epoch 21/30, Batch 91/335, Loss: 0.0791, Valid batches: 91

Epoch 21/30, Batch 96/335, Loss: 0.0725, Valid batches: 96
Epoch 21/30, Batch 101/335, Loss: 0.0921, Valid batches: 101
Epoch 21/30, Batch 106/335, Loss: 0.1154, Valid batches: 106
Epoch 21/30, Batch 111/335, Loss: 0.0885, Valid batches: 111
Epoch 21/30, Batch 116/335, Loss: 0.0775, Valid batches: 116
Epoch 21/30, Batch 121/335, Loss: 0.0849, Valid batches: 121
Epoch 21/30, Batch 126/335, Loss: 0.0904, Valid batches: 126
Epoch 21/30, Batch 131/335, Loss: 0.0799, Valid batches: 131
Epoch 21/30, Batch 136/335, Loss: 0.0779, Valid batches: 136
Epoch 21/30, Batch 141/335, Loss: 0.0976, Valid batches: 141
Epoch 21/30, Batch 146/335, Loss: 0.0947, Valid batches: 146
Epoch 21/30, Batch 151/335, Loss: 0.0862, Valid batches: 151
Epoch 21/30, Batch 156/335, Loss: 0.0731, Valid batches: 156
Epoch 21/30, Batch 161/335, Loss: 0.1028, Valid batches: 161
Epoch 21/30, Batch 166/335, Loss: 0.0961, Valid batches: 166
Epoch 21/30, Batch 171/335, Loss: 0.0809, Valid batches: 171
Epoch 21/30, Batch 176/335, Loss: 0.1045, Valid batches: 176
Epoch 21/30, Batch 181/335, Loss: 0.1230, Valid batches: 181
Epoch 21/30, Batch 186/335, Loss: 0.0915, Valid batches: 186
Epoch 21/30, Batch 191/335, Loss: 0.1042, Valid batches: 191
Epoch 21/30, Batch 196/335, Loss: 0.0892, Valid batches: 196
Epoch 21/30, Batch 201/335, Loss: 0.1157, Valid batches: 201
Epoch 21/30, Batch 206/335, Loss: 0.0843, Valid batches: 206
Epoch 21/30, Batch 211/335, Loss: 0.0789, Valid batches: 211
Epoch 21/30, Batch 216/335, Loss: 0.0741, Valid batches: 216
Epoch 21/30, Batch 221/335, Loss: 0.0818, Valid batches: 221
Epoch 21/30, Batch 226/335, Loss: 0.0869, Valid batches: 226
Epoch 21/30, Batch 231/335, Loss: 0.0907, Valid batches: 231
Epoch 21/30, Batch 236/335, Loss: 0.0814, Valid batches: 236
Epoch 21/30, Batch 241/335, Loss: 0.0727, Valid batches: 241
Epoch 21/30, Batch 246/335, Loss: 0.0889, Valid batches: 246
Epoch 21/30, Batch 251/335, Loss: 0.0722, Valid batches: 251
Epoch 21/30, Batch 256/335, Loss: 0.1088, Valid batches: 256
Epoch 21/30, Batch 261/335, Loss: 0.0774, Valid batches: 261
Epoch 21/30, Batch 266/335, Loss: 0.0809, Valid batches: 266
Epoch 21/30, Batch 271/335, Loss: 0.0707, Valid batches: 271
Epoch 21/30, Batch 276/335, Loss: 0.1174, Valid batches: 276
Epoch 21/30, Batch 281/335, Loss: 0.0903, Valid batches: 281
Epoch 21/30, Batch 286/335, Loss: 0.0797, Valid batches: 286
Epoch 21/30, Batch 291/335, Loss: 0.0801, Valid batches: 291
Epoch 21/30, Batch 296/335, Loss: 0.0853, Valid batches: 296
Epoch 21/30, Batch 301/335, Loss: 0.0815, Valid batches: 301
Epoch 21/30, Batch 306/335, Loss: 0.0860, Valid batches: 306
Epoch 21/30, Batch 311/335, Loss: 0.0836, Valid batches: 311
Epoch 21/30, Batch 316/335, Loss: 0.1140, Valid batches: 316
Epoch 21/30, Batch 321/335, Loss: 0.0856, Valid batches: 321
Epoch 21/30, Batch 326/335, Loss: 0.0858, Valid batches: 326
Epoch 21/30, Batch 331/335, Loss: 0.1096, Valid batches: 331

Probability distribution for first example:

æ: 0.2205
: 0.0757
n: 0.0748
ə: 0.0665
f: 0.0414
r: 0.0389
t: 0.0378
s: 0.0271
k: 0.0229
: 0.0199

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.2354)
Token 1: æ (prob: 0.5089)
Token 2: f (prob: 0.2391)
Token 3: æ (prob: 0.2242)
Token 4: æ (prob: 0.2701)
Token 5: t (prob: 0.1725)
True: "conscious" ['k', ' ', 'n', ' ', 'ə', 's'], Predicted: kæfæt
True: "overthrow" ['o', ' ', 'v', 'ə', 'r', ' ', 'r', 'o', ' '], Predicted:
ætæræ
True: "cocoon" ['k', 'ə', 'k', 'u', 'n'], Predicted: kækæ
Epoch 21/30, Train Loss: 0.0863, Valid batches: 335/335
Epoch 22/30, Batch 1/335, Loss: 0.0808, Valid batches: 1
Epoch 22/30, Batch 6/335, Loss: 0.0860, Valid batches: 6
Epoch 22/30, Batch 11/335, Loss: 0.0825, Valid batches: 11
Epoch 22/30, Batch 16/335, Loss: 0.0755, Valid batches: 16
Epoch 22/30, Batch 21/335, Loss: 0.0893, Valid batches: 21
Epoch 22/30, Batch 26/335, Loss: 0.0849, Valid batches: 26
Epoch 22/30, Batch 31/335, Loss: 0.0805, Valid batches: 31
Epoch 22/30, Batch 36/335, Loss: 0.0683, Valid batches: 36
Epoch 22/30, Batch 41/335, Loss: 0.0773, Valid batches: 41
Epoch 22/30, Batch 46/335, Loss: 0.0879, Valid batches: 46
Epoch 22/30, Batch 51/335, Loss: 0.0776, Valid batches: 51
Epoch 22/30, Batch 56/335, Loss: 0.0904, Valid batches: 56
Epoch 22/30, Batch 61/335, Loss: 0.0871, Valid batches: 61
Epoch 22/30, Batch 66/335, Loss: 0.1184, Valid batches: 66
Epoch 22/30, Batch 71/335, Loss: 0.0798, Valid batches: 71
Epoch 22/30, Batch 76/335, Loss: 0.0666, Valid batches: 76
Epoch 22/30, Batch 81/335, Loss: 0.0773, Valid batches: 81
Epoch 22/30, Batch 86/335, Loss: 0.0731, Valid batches: 86
Epoch 22/30, Batch 91/335, Loss: 0.0870, Valid batches: 91
Epoch 22/30, Batch 96/335, Loss: 0.0731, Valid batches: 96
Epoch 22/30, Batch 101/335, Loss: 0.0813, Valid batches: 101
Epoch 22/30, Batch 106/335, Loss: 0.0830, Valid batches: 106
Epoch 22/30, Batch 111/335, Loss: 0.0835, Valid batches: 111

Epoch 22/30, Batch 116/335, Loss: 0.0964, Valid batches: 116
Epoch 22/30, Batch 121/335, Loss: 0.0814, Valid batches: 121
Epoch 22/30, Batch 126/335, Loss: 0.0789, Valid batches: 126
Epoch 22/30, Batch 131/335, Loss: 0.0806, Valid batches: 131
Epoch 22/30, Batch 136/335, Loss: 0.0996, Valid batches: 136
Epoch 22/30, Batch 141/335, Loss: 0.0834, Valid batches: 141
Epoch 22/30, Batch 146/335, Loss: 0.0951, Valid batches: 146
Epoch 22/30, Batch 151/335, Loss: 0.0811, Valid batches: 151
Epoch 22/30, Batch 156/335, Loss: 0.0759, Valid batches: 156
Epoch 22/30, Batch 161/335, Loss: 0.0852, Valid batches: 161
Epoch 22/30, Batch 166/335, Loss: 0.0713, Valid batches: 166
Epoch 22/30, Batch 171/335, Loss: 0.0928, Valid batches: 171
Epoch 22/30, Batch 176/335, Loss: 0.0817, Valid batches: 176
Epoch 22/30, Batch 181/335, Loss: 0.0916, Valid batches: 181
Epoch 22/30, Batch 186/335, Loss: 0.0660, Valid batches: 186
Epoch 22/30, Batch 191/335, Loss: 0.0821, Valid batches: 191
Epoch 22/30, Batch 196/335, Loss: 0.0830, Valid batches: 196
Epoch 22/30, Batch 201/335, Loss: 0.0635, Valid batches: 201
Epoch 22/30, Batch 206/335, Loss: 0.0854, Valid batches: 206
Epoch 22/30, Batch 211/335, Loss: 0.0954, Valid batches: 211
Epoch 22/30, Batch 216/335, Loss: 0.0915, Valid batches: 216
Epoch 22/30, Batch 221/335, Loss: 0.0840, Valid batches: 221
Epoch 22/30, Batch 226/335, Loss: 0.0954, Valid batches: 226
Epoch 22/30, Batch 231/335, Loss: 0.0888, Valid batches: 231
Epoch 22/30, Batch 236/335, Loss: 0.0930, Valid batches: 236
Epoch 22/30, Batch 241/335, Loss: 0.0782, Valid batches: 241
Epoch 22/30, Batch 246/335, Loss: 0.0968, Valid batches: 246
Epoch 22/30, Batch 251/335, Loss: 0.0626, Valid batches: 251
Epoch 22/30, Batch 256/335, Loss: 0.0806, Valid batches: 256
Epoch 22/30, Batch 261/335, Loss: 0.1153, Valid batches: 261
Epoch 22/30, Batch 266/335, Loss: 0.0685, Valid batches: 266
Epoch 22/30, Batch 271/335, Loss: 0.0875, Valid batches: 271
Epoch 22/30, Batch 276/335, Loss: 0.1203, Valid batches: 276
Epoch 22/30, Batch 281/335, Loss: 0.0733, Valid batches: 281
Epoch 22/30, Batch 286/335, Loss: 0.0708, Valid batches: 286
Epoch 22/30, Batch 291/335, Loss: 0.0708, Valid batches: 291
Epoch 22/30, Batch 296/335, Loss: 0.1126, Valid batches: 296
Epoch 22/30, Batch 301/335, Loss: 0.0750, Valid batches: 301
Epoch 22/30, Batch 306/335, Loss: 0.0774, Valid batches: 306
Epoch 22/30, Batch 311/335, Loss: 0.0793, Valid batches: 311
Epoch 22/30, Batch 316/335, Loss: 0.0853, Valid batches: 316
Epoch 22/30, Batch 321/335, Loss: 0.0807, Valid batches: 321
Epoch 22/30, Batch 326/335, Loss: 0.0917, Valid batches: 326
Epoch 22/30, Batch 331/335, Loss: 0.0769, Valid batches: 331

Probability distribution for first example:

æ: 0.2137

n: 0.0816

: 0.0736
ə: 0.0627
s: 0.0394
k: 0.0291
r: 0.0267
t: 0.0242
: 0.0220
f: 0.0185

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.3991)

Token 1: æ (prob: 0.5005)

Token 2: n (prob: 0.1843)

Token 3: æ (prob: 0.1837)

Token 4: æ (prob: 0.2782)

Token 5: æ (prob: 0.1751)

True: "conscious" ['k', ' ', 'n', ' ', 'ə', 's'], Predicted: kænə

True: "overthrow" ['o', ' ', 'v', 'ə', 'r', ' ', 'r', 'o', ' '], Predicted:
æntæm

True: "cocoon" ['k', 'ə', 'k', 'u', 'n'], Predicted: kækə

Epoch 22/30, Train Loss: 0.0857, Valid batches: 335/335

Epoch 23/30, Batch 1/335, Loss: 0.0762, Valid batches: 1

Epoch 23/30, Batch 6/335, Loss: 0.0791, Valid batches: 6

Epoch 23/30, Batch 11/335, Loss: 0.0748, Valid batches: 11

Epoch 23/30, Batch 16/335, Loss: 0.0817, Valid batches: 16

Epoch 23/30, Batch 21/335, Loss: 0.0793, Valid batches: 21

Epoch 23/30, Batch 26/335, Loss: 0.0663, Valid batches: 26

Epoch 23/30, Batch 31/335, Loss: 0.0857, Valid batches: 31

Epoch 23/30, Batch 36/335, Loss: 0.0959, Valid batches: 36

Epoch 23/30, Batch 41/335, Loss: 0.0935, Valid batches: 41

Epoch 23/30, Batch 46/335, Loss: 0.1032, Valid batches: 46

Epoch 23/30, Batch 51/335, Loss: 0.0964, Valid batches: 51

Epoch 23/30, Batch 56/335, Loss: 0.0816, Valid batches: 56

Epoch 23/30, Batch 61/335, Loss: 0.0664, Valid batches: 61

Epoch 23/30, Batch 66/335, Loss: 0.0856, Valid batches: 66

Epoch 23/30, Batch 71/335, Loss: 0.0714, Valid batches: 71

Epoch 23/30, Batch 76/335, Loss: 0.0943, Valid batches: 76

Epoch 23/30, Batch 81/335, Loss: 0.0792, Valid batches: 81

Epoch 23/30, Batch 86/335, Loss: 0.0978, Valid batches: 86

Epoch 23/30, Batch 91/335, Loss: 0.0725, Valid batches: 91

Epoch 23/30, Batch 96/335, Loss: 0.0766, Valid batches: 96

Epoch 23/30, Batch 101/335, Loss: 0.0774, Valid batches: 101

Epoch 23/30, Batch 106/335, Loss: 0.0771, Valid batches: 106

Epoch 23/30, Batch 111/335, Loss: 0.0815, Valid batches: 111

Epoch 23/30, Batch 116/335, Loss: 0.1194, Valid batches: 116

Epoch 23/30, Batch 121/335, Loss: 0.0666, Valid batches: 121

Epoch 23/30, Batch 126/335, Loss: 0.0825, Valid batches: 126

Epoch 23/30, Batch 131/335, Loss: 0.0884, Valid batches: 131

Epoch 23/30, Batch 136/335, Loss: 0.1076, Valid batches: 136
Epoch 23/30, Batch 141/335, Loss: 0.0928, Valid batches: 141
Epoch 23/30, Batch 146/335, Loss: 0.0892, Valid batches: 146
Epoch 23/30, Batch 151/335, Loss: 0.0705, Valid batches: 151
Epoch 23/30, Batch 156/335, Loss: 0.0827, Valid batches: 156
Epoch 23/30, Batch 161/335, Loss: 0.0699, Valid batches: 161
Epoch 23/30, Batch 166/335, Loss: 0.1073, Valid batches: 166
Epoch 23/30, Batch 171/335, Loss: 0.0887, Valid batches: 171
Epoch 23/30, Batch 176/335, Loss: 0.0891, Valid batches: 176
Epoch 23/30, Batch 181/335, Loss: 0.0772, Valid batches: 181
Epoch 23/30, Batch 186/335, Loss: 0.0810, Valid batches: 186
Epoch 23/30, Batch 191/335, Loss: 0.0984, Valid batches: 191
Epoch 23/30, Batch 196/335, Loss: 0.0866, Valid batches: 196
Epoch 23/30, Batch 201/335, Loss: 0.0742, Valid batches: 201
Epoch 23/30, Batch 206/335, Loss: 0.0804, Valid batches: 206
Epoch 23/30, Batch 211/335, Loss: 0.0821, Valid batches: 211
Epoch 23/30, Batch 216/335, Loss: 0.0677, Valid batches: 216
Epoch 23/30, Batch 221/335, Loss: 0.0721, Valid batches: 221
Epoch 23/30, Batch 226/335, Loss: 0.0912, Valid batches: 226
Epoch 23/30, Batch 231/335, Loss: 0.0694, Valid batches: 231
Epoch 23/30, Batch 236/335, Loss: 0.0807, Valid batches: 236
Epoch 23/30, Batch 241/335, Loss: 0.0749, Valid batches: 241
Epoch 23/30, Batch 246/335, Loss: 0.0734, Valid batches: 246
Epoch 23/30, Batch 251/335, Loss: 0.1068, Valid batches: 251
Epoch 23/30, Batch 256/335, Loss: 0.0778, Valid batches: 256
Epoch 23/30, Batch 261/335, Loss: 0.0894, Valid batches: 261
Epoch 23/30, Batch 266/335, Loss: 0.0826, Valid batches: 266
Epoch 23/30, Batch 271/335, Loss: 0.0869, Valid batches: 271
Epoch 23/30, Batch 276/335, Loss: 0.0850, Valid batches: 276
Epoch 23/30, Batch 281/335, Loss: 0.0781, Valid batches: 281
Epoch 23/30, Batch 286/335, Loss: 0.0994, Valid batches: 286
Epoch 23/30, Batch 291/335, Loss: 0.0587, Valid batches: 291
Epoch 23/30, Batch 296/335, Loss: 0.0910, Valid batches: 296
Epoch 23/30, Batch 301/335, Loss: 0.0891, Valid batches: 301
Epoch 23/30, Batch 306/335, Loss: 0.0777, Valid batches: 306
Epoch 23/30, Batch 311/335, Loss: 0.0729, Valid batches: 311
Epoch 23/30, Batch 316/335, Loss: 0.0840, Valid batches: 316
Epoch 23/30, Batch 321/335, Loss: 0.0724, Valid batches: 321
Epoch 23/30, Batch 326/335, Loss: 0.0859, Valid batches: 326
Epoch 23/30, Batch 331/335, Loss: 0.0740, Valid batches: 331

Probability distribution for first example:

æ: 0.2785

n: 0.0637

: 0.0622

ə: 0.0609

f: 0.0478

<blank>: 0.0234

r: 0.0214
s: 0.0206
t: 0.0195
: 0.0191

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.3154)

Token 1: æ (prob: 0.6352)

Token 2: f (prob: 0.2449)

Token 3: æ (prob: 0.2704)

Token 4: æ (prob: 0.3390)

Token 5: æ (prob: 0.1592)

True: "conscious" ['k', ' ', 'n', ' ', 'ə', 's'], Predicted: kæfæ

True: "overthrow" ['o', ' ', 'v', 'ə', 'r', ' ', 'r', 'o', ' '], Predicted:
ætæræ

True: "cocoon" ['k', 'ə', 'k', 'u', 'n'], Predicted: kækæ

Epoch 23/30, Train Loss: 0.0847, Valid batches: 335/335

Epoch 24/30, Batch 1/335, Loss: 0.1003, Valid batches: 1

Epoch 24/30, Batch 6/335, Loss: 0.0782, Valid batches: 6

Epoch 24/30, Batch 11/335, Loss: 0.0762, Valid batches: 11

Epoch 24/30, Batch 16/335, Loss: 0.0808, Valid batches: 16

Epoch 24/30, Batch 21/335, Loss: 0.0747, Valid batches: 21

Epoch 24/30, Batch 26/335, Loss: 0.0893, Valid batches: 26

Epoch 24/30, Batch 31/335, Loss: 0.0797, Valid batches: 31

Epoch 24/30, Batch 36/335, Loss: 0.0860, Valid batches: 36

Epoch 24/30, Batch 41/335, Loss: 0.0924, Valid batches: 41

Epoch 24/30, Batch 46/335, Loss: 0.0710, Valid batches: 46

Epoch 24/30, Batch 51/335, Loss: 0.0905, Valid batches: 51

Epoch 24/30, Batch 56/335, Loss: 0.0889, Valid batches: 56

Epoch 24/30, Batch 61/335, Loss: 0.0782, Valid batches: 61

Epoch 24/30, Batch 66/335, Loss: 0.0846, Valid batches: 66

Epoch 24/30, Batch 71/335, Loss: 0.0821, Valid batches: 71

Epoch 24/30, Batch 76/335, Loss: 0.1051, Valid batches: 76

Epoch 24/30, Batch 81/335, Loss: 0.0938, Valid batches: 81

Epoch 24/30, Batch 86/335, Loss: 0.0714, Valid batches: 86

Epoch 24/30, Batch 91/335, Loss: 0.0922, Valid batches: 91

Epoch 24/30, Batch 96/335, Loss: 0.1132, Valid batches: 96

Epoch 24/30, Batch 101/335, Loss: 0.0807, Valid batches: 101

Epoch 24/30, Batch 106/335, Loss: 0.0740, Valid batches: 106

Epoch 24/30, Batch 111/335, Loss: 0.0776, Valid batches: 111

Epoch 24/30, Batch 116/335, Loss: 0.0825, Valid batches: 116

Epoch 24/30, Batch 121/335, Loss: 0.0882, Valid batches: 121

Epoch 24/30, Batch 126/335, Loss: 0.1199, Valid batches: 126

Epoch 24/30, Batch 131/335, Loss: 0.0770, Valid batches: 131

Epoch 24/30, Batch 136/335, Loss: 0.0965, Valid batches: 136

Epoch 24/30, Batch 141/335, Loss: 0.0792, Valid batches: 141

Epoch 24/30, Batch 146/335, Loss: 0.0911, Valid batches: 146

Epoch 24/30, Batch 151/335, Loss: 0.1019, Valid batches: 151

Epoch 24/30, Batch 156/335, Loss: 0.1045, Valid batches: 156
Epoch 24/30, Batch 161/335, Loss: 0.1101, Valid batches: 161
Epoch 24/30, Batch 166/335, Loss: 0.0882, Valid batches: 166
Epoch 24/30, Batch 171/335, Loss: 0.0812, Valid batches: 171
Epoch 24/30, Batch 176/335, Loss: 0.0788, Valid batches: 176
Epoch 24/30, Batch 181/335, Loss: 0.0861, Valid batches: 181
Epoch 24/30, Batch 186/335, Loss: 0.0858, Valid batches: 186
Epoch 24/30, Batch 191/335, Loss: 0.0729, Valid batches: 191
Epoch 24/30, Batch 196/335, Loss: 0.0823, Valid batches: 196
Epoch 24/30, Batch 201/335, Loss: 0.0749, Valid batches: 201
Epoch 24/30, Batch 206/335, Loss: 0.0929, Valid batches: 206
Epoch 24/30, Batch 211/335, Loss: 0.0756, Valid batches: 211
Epoch 24/30, Batch 216/335, Loss: 0.0753, Valid batches: 216
Epoch 24/30, Batch 221/335, Loss: 0.0984, Valid batches: 221
Epoch 24/30, Batch 226/335, Loss: 0.0669, Valid batches: 226
Epoch 24/30, Batch 231/335, Loss: 0.0777, Valid batches: 231
Epoch 24/30, Batch 236/335, Loss: 0.0982, Valid batches: 236
Epoch 24/30, Batch 241/335, Loss: 0.0867, Valid batches: 241
Epoch 24/30, Batch 246/335, Loss: 0.0674, Valid batches: 246
Epoch 24/30, Batch 251/335, Loss: 0.0877, Valid batches: 251
Epoch 24/30, Batch 256/335, Loss: 0.0843, Valid batches: 256
Epoch 24/30, Batch 261/335, Loss: 0.0879, Valid batches: 261
Epoch 24/30, Batch 266/335, Loss: 0.0927, Valid batches: 266
Epoch 24/30, Batch 271/335, Loss: 0.0843, Valid batches: 271
Epoch 24/30, Batch 276/335, Loss: 0.0846, Valid batches: 276
Epoch 24/30, Batch 281/335, Loss: 0.0735, Valid batches: 281
Epoch 24/30, Batch 286/335, Loss: 0.0723, Valid batches: 286
Epoch 24/30, Batch 291/335, Loss: 0.0974, Valid batches: 291
Epoch 24/30, Batch 296/335, Loss: 0.0742, Valid batches: 296
Epoch 24/30, Batch 301/335, Loss: 0.0758, Valid batches: 301
Epoch 24/30, Batch 306/335, Loss: 0.0858, Valid batches: 306
Epoch 24/30, Batch 311/335, Loss: 0.0761, Valid batches: 311
Epoch 24/30, Batch 316/335, Loss: 0.0795, Valid batches: 316
Epoch 24/30, Batch 321/335, Loss: 0.0800, Valid batches: 321
Epoch 24/30, Batch 326/335, Loss: 0.0830, Valid batches: 326
Epoch 24/30, Batch 331/335, Loss: 0.0862, Valid batches: 331

Probability distribution for first example:

æ: 0.2310
: 0.0699
ə: 0.0685
n: 0.0632
s: 0.0381
t: 0.0300
f: 0.0260
k: 0.0213
: 0.0177
r: 0.0175

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.4254)

Token 1: æ (prob: 0.5383)

Token 2: n (prob: 0.1899)

Token 3: æ (prob: 0.2034)

Token 4: æ (prob: 0.2907)

Token 5: æ (prob: 0.1717)

True: "conscious" ['k', ' ', 'n', ' ', 'ə', 's'], Predicted: kænæ

True: "overthrow" ['o', ' ', 'v', 'ə', 'r', ' ', 'r', 'o', ' '], Predicted:
ætəræ

True: "cocoon" ['k', 'ə', 'k', 'u', 'n'], Predicted: kækæ

Epoch 24/30, Train Loss: 0.0842, Valid batches: 335/335

Epoch 25/30, Batch 1/335, Loss: 0.0833, Valid batches: 1

Epoch 25/30, Batch 6/335, Loss: 0.0985, Valid batches: 6

Epoch 25/30, Batch 11/335, Loss: 0.0990, Valid batches: 11

Epoch 25/30, Batch 16/335, Loss: 0.0796, Valid batches: 16

Epoch 25/30, Batch 21/335, Loss: 0.0938, Valid batches: 21

Epoch 25/30, Batch 26/335, Loss: 0.0706, Valid batches: 26

Epoch 25/30, Batch 31/335, Loss: 0.1059, Valid batches: 31

Epoch 25/30, Batch 36/335, Loss: 0.0771, Valid batches: 36

Epoch 25/30, Batch 41/335, Loss: 0.1006, Valid batches: 41

Epoch 25/30, Batch 46/335, Loss: 0.0935, Valid batches: 46

Epoch 25/30, Batch 51/335, Loss: 0.0778, Valid batches: 51

Epoch 25/30, Batch 56/335, Loss: 0.1134, Valid batches: 56

Epoch 25/30, Batch 61/335, Loss: 0.0752, Valid batches: 61

Epoch 25/30, Batch 66/335, Loss: 0.0626, Valid batches: 66

Epoch 25/30, Batch 71/335, Loss: 0.0889, Valid batches: 71

Epoch 25/30, Batch 76/335, Loss: 0.0714, Valid batches: 76

Epoch 25/30, Batch 81/335, Loss: 0.0735, Valid batches: 81

Epoch 25/30, Batch 86/335, Loss: 0.1041, Valid batches: 86

Epoch 25/30, Batch 91/335, Loss: 0.0807, Valid batches: 91

Epoch 25/30, Batch 96/335, Loss: 0.0671, Valid batches: 96

Epoch 25/30, Batch 101/335, Loss: 0.0990, Valid batches: 101

Epoch 25/30, Batch 106/335, Loss: 0.0826, Valid batches: 106

Epoch 25/30, Batch 111/335, Loss: 0.0845, Valid batches: 111

Epoch 25/30, Batch 116/335, Loss: 0.0793, Valid batches: 116

Epoch 25/30, Batch 121/335, Loss: 0.1005, Valid batches: 121

Epoch 25/30, Batch 126/335, Loss: 0.0976, Valid batches: 126

Epoch 25/30, Batch 131/335, Loss: 0.0688, Valid batches: 131

Epoch 25/30, Batch 136/335, Loss: 0.0831, Valid batches: 136

Epoch 25/30, Batch 141/335, Loss: 0.0769, Valid batches: 141

Epoch 25/30, Batch 146/335, Loss: 0.0768, Valid batches: 146

Epoch 25/30, Batch 151/335, Loss: 0.0764, Valid batches: 151

Epoch 25/30, Batch 156/335, Loss: 0.0745, Valid batches: 156

Epoch 25/30, Batch 161/335, Loss: 0.0776, Valid batches: 161

Epoch 25/30, Batch 166/335, Loss: 0.0784, Valid batches: 166

Epoch 25/30, Batch 171/335, Loss: 0.0811, Valid batches: 171

Epoch 25/30, Batch 176/335, Loss: 0.0865, Valid batches: 176
Epoch 25/30, Batch 181/335, Loss: 0.1086, Valid batches: 181
Epoch 25/30, Batch 186/335, Loss: 0.0974, Valid batches: 186
Epoch 25/30, Batch 191/335, Loss: 0.0841, Valid batches: 191
Epoch 25/30, Batch 196/335, Loss: 0.0760, Valid batches: 196
Epoch 25/30, Batch 201/335, Loss: 0.0718, Valid batches: 201
Epoch 25/30, Batch 206/335, Loss: 0.0727, Valid batches: 206
Epoch 25/30, Batch 211/335, Loss: 0.1018, Valid batches: 211
Epoch 25/30, Batch 216/335, Loss: 0.0811, Valid batches: 216
Epoch 25/30, Batch 221/335, Loss: 0.0764, Valid batches: 221
Epoch 25/30, Batch 226/335, Loss: 0.0740, Valid batches: 226
Epoch 25/30, Batch 231/335, Loss: 0.0729, Valid batches: 231
Epoch 25/30, Batch 236/335, Loss: 0.0721, Valid batches: 236
Epoch 25/30, Batch 241/335, Loss: 0.1026, Valid batches: 241
Epoch 25/30, Batch 246/335, Loss: 0.0767, Valid batches: 246
Epoch 25/30, Batch 251/335, Loss: 0.0886, Valid batches: 251
Epoch 25/30, Batch 256/335, Loss: 0.0951, Valid batches: 256
Epoch 25/30, Batch 261/335, Loss: 0.0841, Valid batches: 261
Epoch 25/30, Batch 266/335, Loss: 0.0922, Valid batches: 266
Epoch 25/30, Batch 271/335, Loss: 0.1101, Valid batches: 271
Epoch 25/30, Batch 276/335, Loss: 0.0794, Valid batches: 276
Epoch 25/30, Batch 281/335, Loss: 0.0924, Valid batches: 281
Epoch 25/30, Batch 286/335, Loss: 0.0690, Valid batches: 286
Epoch 25/30, Batch 291/335, Loss: 0.1105, Valid batches: 291
Epoch 25/30, Batch 296/335, Loss: 0.0849, Valid batches: 296
Epoch 25/30, Batch 301/335, Loss: 0.0627, Valid batches: 301
Epoch 25/30, Batch 306/335, Loss: 0.0987, Valid batches: 306
Epoch 25/30, Batch 311/335, Loss: 0.1024, Valid batches: 311
Epoch 25/30, Batch 316/335, Loss: 0.0844, Valid batches: 316
Epoch 25/30, Batch 321/335, Loss: 0.0623, Valid batches: 321
Epoch 25/30, Batch 326/335, Loss: 0.1025, Valid batches: 326
Epoch 25/30, Batch 331/335, Loss: 0.0881, Valid batches: 331

Probability distribution for first example:

æ: 0.2176
: 0.0780
ə: 0.0634
n: 0.0631
f: 0.0362
s: 0.0356
t: 0.0248
r: 0.0197
k: 0.0189
: 0.0162

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.4308)
Token 1: æ (prob: 0.5070)

Token 2: n (prob: 0.2170)
 Token 3: f (prob: 0.2653)
 Token 4: æ (prob: 0.3127)
 Token 5: æ (prob: 0.1998)
 True: "conscious" ['k', ' ', 'n', ' ', 'ə', 's'], Predicted: kənfæ
 True: "overthrow" ['o', ' ', 'v', 'ə', 'r', ' ', 'r', 'o', ' '], Predicted:
 ætæræ
 True: "cocoon" ['k', 'ə', 'k', 'u', 'n'], Predicted: kækæ
 Epoch 25/30, Train Loss: 0.0836, Valid batches: 335/335
 Epoch 26/30, Batch 1/335, Loss: 0.0797, Valid batches: 1
 Epoch 26/30, Batch 6/335, Loss: 0.0710, Valid batches: 6
 Epoch 26/30, Batch 11/335, Loss: 0.0922, Valid batches: 11
 Epoch 26/30, Batch 16/335, Loss: 0.0938, Valid batches: 16
 Epoch 26/30, Batch 21/335, Loss: 0.0666, Valid batches: 21
 Epoch 26/30, Batch 26/335, Loss: 0.0817, Valid batches: 26
 Epoch 26/30, Batch 31/335, Loss: 0.0749, Valid batches: 31
 Epoch 26/30, Batch 36/335, Loss: 0.0790, Valid batches: 36
 Epoch 26/30, Batch 41/335, Loss: 0.0727, Valid batches: 41
 Epoch 26/30, Batch 46/335, Loss: 0.0820, Valid batches: 46
 Epoch 26/30, Batch 51/335, Loss: 0.0768, Valid batches: 51
 Epoch 26/30, Batch 56/335, Loss: 0.0903, Valid batches: 56
 Epoch 26/30, Batch 61/335, Loss: 0.0910, Valid batches: 61
 Epoch 26/30, Batch 66/335, Loss: 0.0935, Valid batches: 66
 Epoch 26/30, Batch 71/335, Loss: 0.0950, Valid batches: 71
 Epoch 26/30, Batch 76/335, Loss: 0.0727, Valid batches: 76
 Epoch 26/30, Batch 81/335, Loss: 0.0826, Valid batches: 81
 Epoch 26/30, Batch 86/335, Loss: 0.0771, Valid batches: 86
 Epoch 26/30, Batch 91/335, Loss: 0.0771, Valid batches: 91
 Epoch 26/30, Batch 96/335, Loss: 0.0899, Valid batches: 96
 Epoch 26/30, Batch 101/335, Loss: 0.0999, Valid batches: 101
 Epoch 26/30, Batch 106/335, Loss: 0.0988, Valid batches: 106
 Epoch 26/30, Batch 111/335, Loss: 0.0952, Valid batches: 111
 Epoch 26/30, Batch 116/335, Loss: 0.0840, Valid batches: 116
 Epoch 26/30, Batch 121/335, Loss: 0.0789, Valid batches: 121
 Epoch 26/30, Batch 126/335, Loss: 0.0696, Valid batches: 126
 Epoch 26/30, Batch 131/335, Loss: 0.0839, Valid batches: 131
 Epoch 26/30, Batch 136/335, Loss: 0.0825, Valid batches: 136
 Epoch 26/30, Batch 141/335, Loss: 0.1182, Valid batches: 141
 Epoch 26/30, Batch 146/335, Loss: 0.0765, Valid batches: 146
 Epoch 26/30, Batch 151/335, Loss: 0.0728, Valid batches: 151
 Epoch 26/30, Batch 156/335, Loss: 0.0615, Valid batches: 156
 Epoch 26/30, Batch 161/335, Loss: 0.0926, Valid batches: 161
 Epoch 26/30, Batch 166/335, Loss: 0.0823, Valid batches: 166
 Epoch 26/30, Batch 171/335, Loss: 0.0756, Valid batches: 171
 Epoch 26/30, Batch 176/335, Loss: 0.1120, Valid batches: 176
 Epoch 26/30, Batch 181/335, Loss: 0.1137, Valid batches: 181
 Epoch 26/30, Batch 186/335, Loss: 0.0799, Valid batches: 186
 Epoch 26/30, Batch 191/335, Loss: 0.0966, Valid batches: 191

Epoch 26/30, Batch 196/335, Loss: 0.0638, Valid batches: 196
Epoch 26/30, Batch 201/335, Loss: 0.0751, Valid batches: 201
Epoch 26/30, Batch 206/335, Loss: 0.0901, Valid batches: 206
Epoch 26/30, Batch 211/335, Loss: 0.0789, Valid batches: 211
Epoch 26/30, Batch 216/335, Loss: 0.0752, Valid batches: 216
Epoch 26/30, Batch 221/335, Loss: 0.0704, Valid batches: 221
Epoch 26/30, Batch 226/335, Loss: 0.0831, Valid batches: 226
Epoch 26/30, Batch 231/335, Loss: 0.0795, Valid batches: 231
Epoch 26/30, Batch 236/335, Loss: 0.0694, Valid batches: 236
Epoch 26/30, Batch 241/335, Loss: 0.0632, Valid batches: 241
Epoch 26/30, Batch 246/335, Loss: 0.0711, Valid batches: 246
Epoch 26/30, Batch 251/335, Loss: 0.0808, Valid batches: 251
Epoch 26/30, Batch 256/335, Loss: 0.0740, Valid batches: 256
Epoch 26/30, Batch 261/335, Loss: 0.0762, Valid batches: 261
Epoch 26/30, Batch 266/335, Loss: 0.0857, Valid batches: 266
Epoch 26/30, Batch 271/335, Loss: 0.0800, Valid batches: 271
Epoch 26/30, Batch 276/335, Loss: 0.0771, Valid batches: 276
Epoch 26/30, Batch 281/335, Loss: 0.0656, Valid batches: 281
Epoch 26/30, Batch 286/335, Loss: 0.0750, Valid batches: 286
Epoch 26/30, Batch 291/335, Loss: 0.0724, Valid batches: 291
Epoch 26/30, Batch 296/335, Loss: 0.0815, Valid batches: 296
Epoch 26/30, Batch 301/335, Loss: 0.0778, Valid batches: 301
Epoch 26/30, Batch 306/335, Loss: 0.1238, Valid batches: 306
Epoch 26/30, Batch 311/335, Loss: 0.0818, Valid batches: 311
Epoch 26/30, Batch 316/335, Loss: 0.0839, Valid batches: 316
Epoch 26/30, Batch 321/335, Loss: 0.0866, Valid batches: 321
Epoch 26/30, Batch 326/335, Loss: 0.1011, Valid batches: 326
Epoch 26/30, Batch 331/335, Loss: 0.0844, Valid batches: 331

Probability distribution for first example:

æ: 0.2875
: 0.0774
ə: 0.0551
s: 0.0484
n: 0.0447
t: 0.0192
f: 0.0189
<blank>: 0.0185
w: 0.0178
: 0.0173

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.3308)
Token 1: æ (prob: 0.5776)
Token 2: æ (prob: 0.2468)
Token 3: æ (prob: 0.2971)
Token 4: æ (prob: 0.3771)
Token 5: æ (prob: 0.1905)

True: "conscious" ['k', ' ', 'n', ' ', 'ə', 's'], Predicted: kə
 True: "overthrow" ['o', ' ', 'v', 'ə', 'r', ' ', 'r', 'o', ' '], Predicted: æ
 True: "cocoon" ['k', 'ə', 'k', 'u', 'n'], Predicted: ænkə
 Epoch 26/30, Train Loss: 0.0828, Valid batches: 335/335
 Epoch 27/30, Batch 1/335, Loss: 0.0842, Valid batches: 1
 Epoch 27/30, Batch 6/335, Loss: 0.0780, Valid batches: 6
 Epoch 27/30, Batch 11/335, Loss: 0.0935, Valid batches: 11
 Epoch 27/30, Batch 16/335, Loss: 0.0680, Valid batches: 16
 Epoch 27/30, Batch 21/335, Loss: 0.0841, Valid batches: 21
 Epoch 27/30, Batch 26/335, Loss: 0.0808, Valid batches: 26
 Epoch 27/30, Batch 31/335, Loss: 0.0875, Valid batches: 31
 Epoch 27/30, Batch 36/335, Loss: 0.0792, Valid batches: 36
 Epoch 27/30, Batch 41/335, Loss: 0.0700, Valid batches: 41
 Epoch 27/30, Batch 46/335, Loss: 0.0718, Valid batches: 46
 Epoch 27/30, Batch 51/335, Loss: 0.0801, Valid batches: 51
 Epoch 27/30, Batch 56/335, Loss: 0.0750, Valid batches: 56
 Epoch 27/30, Batch 61/335, Loss: 0.0861, Valid batches: 61
 Epoch 27/30, Batch 66/335, Loss: 0.0814, Valid batches: 66
 Epoch 27/30, Batch 71/335, Loss: 0.0786, Valid batches: 71
 Epoch 27/30, Batch 76/335, Loss: 0.0841, Valid batches: 76
 Epoch 27/30, Batch 81/335, Loss: 0.0955, Valid batches: 81
 Epoch 27/30, Batch 86/335, Loss: 0.0872, Valid batches: 86
 Epoch 27/30, Batch 91/335, Loss: 0.0859, Valid batches: 91
 Epoch 27/30, Batch 96/335, Loss: 0.0828, Valid batches: 96
 Epoch 27/30, Batch 101/335, Loss: 0.0684, Valid batches: 101
 Epoch 27/30, Batch 106/335, Loss: 0.0708, Valid batches: 106
 Epoch 27/30, Batch 111/335, Loss: 0.0818, Valid batches: 111
 Epoch 27/30, Batch 116/335, Loss: 0.0836, Valid batches: 116
 Epoch 27/30, Batch 121/335, Loss: 0.0820, Valid batches: 121
 Epoch 27/30, Batch 126/335, Loss: 0.0608, Valid batches: 126
 Epoch 27/30, Batch 131/335, Loss: 0.0736, Valid batches: 131
 Epoch 27/30, Batch 136/335, Loss: 0.0750, Valid batches: 136
 Epoch 27/30, Batch 141/335, Loss: 0.0869, Valid batches: 141
 Epoch 27/30, Batch 146/335, Loss: 0.0723, Valid batches: 146
 Epoch 27/30, Batch 151/335, Loss: 0.0802, Valid batches: 151
 Epoch 27/30, Batch 156/335, Loss: 0.0884, Valid batches: 156
 Epoch 27/30, Batch 161/335, Loss: 0.0796, Valid batches: 161
 Epoch 27/30, Batch 166/335, Loss: 0.0882, Valid batches: 166
 Epoch 27/30, Batch 171/335, Loss: 0.0837, Valid batches: 171
 Epoch 27/30, Batch 176/335, Loss: 0.0888, Valid batches: 176
 Epoch 27/30, Batch 181/335, Loss: 0.0771, Valid batches: 181
 Epoch 27/30, Batch 186/335, Loss: 0.0902, Valid batches: 186
 Epoch 27/30, Batch 191/335, Loss: 0.0920, Valid batches: 191
 Epoch 27/30, Batch 196/335, Loss: 0.0676, Valid batches: 196
 Epoch 27/30, Batch 201/335, Loss: 0.0825, Valid batches: 201
 Epoch 27/30, Batch 206/335, Loss: 0.0900, Valid batches: 206
 Epoch 27/30, Batch 211/335, Loss: 0.0609, Valid batches: 211
 Epoch 27/30, Batch 216/335, Loss: 0.0877, Valid batches: 216

Epoch 27/30, Batch 221/335, Loss: 0.0792, Valid batches: 221
 Epoch 27/30, Batch 226/335, Loss: 0.0773, Valid batches: 226
 Epoch 27/30, Batch 231/335, Loss: 0.0921, Valid batches: 231
 Epoch 27/30, Batch 236/335, Loss: 0.0724, Valid batches: 236
 Epoch 27/30, Batch 241/335, Loss: 0.0921, Valid batches: 241
 Epoch 27/30, Batch 246/335, Loss: 0.0703, Valid batches: 246
 Epoch 27/30, Batch 251/335, Loss: 0.0821, Valid batches: 251
 Epoch 27/30, Batch 256/335, Loss: 0.1013, Valid batches: 256
 Epoch 27/30, Batch 261/335, Loss: 0.0668, Valid batches: 261
 Epoch 27/30, Batch 266/335, Loss: 0.0973, Valid batches: 266
 Epoch 27/30, Batch 271/335, Loss: 0.1049, Valid batches: 271
 Epoch 27/30, Batch 276/335, Loss: 0.0801, Valid batches: 276
 Epoch 27/30, Batch 281/335, Loss: 0.1018, Valid batches: 281
 Epoch 27/30, Batch 286/335, Loss: 0.0693, Valid batches: 286
 Epoch 27/30, Batch 291/335, Loss: 0.0739, Valid batches: 291
 Epoch 27/30, Batch 296/335, Loss: 0.0698, Valid batches: 296
 Epoch 27/30, Batch 301/335, Loss: 0.0700, Valid batches: 301
 Epoch 27/30, Batch 306/335, Loss: 0.0888, Valid batches: 306
 Epoch 27/30, Batch 311/335, Loss: 0.0706, Valid batches: 311
 Epoch 27/30, Batch 316/335, Loss: 0.0854, Valid batches: 316
 Epoch 27/30, Batch 321/335, Loss: 0.0974, Valid batches: 321
 Epoch 27/30, Batch 326/335, Loss: 0.0942, Valid batches: 326
 Epoch 27/30, Batch 331/335, Loss: 0.0841, Valid batches: 331

Probability distribution for first example:

æ: 0.2127
 : 0.0758
 n: 0.0673
 ə: 0.0414
 s: 0.0354
 f: 0.0276
 t: 0.0264
 r: 0.0242
 k: 0.0238
 : 0.0229

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.3394)
 Token 1: æ (prob: 0.5342)
 Token 2: æ (prob: 0.1606)
 Token 3: æ (prob: 0.1944)
 Token 4: æ (prob: 0.2755)
 Token 5: æ (prob: 0.1634)
 True: "conscious" ['k', ' ', 'n', ' ', 'ə', 's'], Predicted: kə
 True: "overthrow" ['o', ' ', 'v', 'ə', 'r', ' ', 'r', 'o', ' ', ' '], Predicted:
 æntəræ
 True: "cocoon" ['k', 'ə', 'k', 'u', 'n'], Predicted: ðækə
 Epoch 27/30, Train Loss: 0.0820, Valid batches: 335/335

Epoch 28/30, Batch 1/335, Loss: 0.0917, Valid batches: 1
Epoch 28/30, Batch 6/335, Loss: 0.0763, Valid batches: 6
Epoch 28/30, Batch 11/335, Loss: 0.0879, Valid batches: 11
Epoch 28/30, Batch 16/335, Loss: 0.0779, Valid batches: 16
Epoch 28/30, Batch 21/335, Loss: 0.0792, Valid batches: 21
Epoch 28/30, Batch 26/335, Loss: 0.0752, Valid batches: 26
Epoch 28/30, Batch 31/335, Loss: 0.1129, Valid batches: 31
Epoch 28/30, Batch 36/335, Loss: 0.0842, Valid batches: 36
Epoch 28/30, Batch 41/335, Loss: 0.0976, Valid batches: 41
Epoch 28/30, Batch 46/335, Loss: 0.0802, Valid batches: 46
Epoch 28/30, Batch 51/335, Loss: 0.0615, Valid batches: 51
Epoch 28/30, Batch 56/335, Loss: 0.0900, Valid batches: 56
Epoch 28/30, Batch 61/335, Loss: 0.0829, Valid batches: 61
Epoch 28/30, Batch 66/335, Loss: 0.0613, Valid batches: 66
Epoch 28/30, Batch 71/335, Loss: 0.0702, Valid batches: 71
Epoch 28/30, Batch 76/335, Loss: 0.0872, Valid batches: 76
Epoch 28/30, Batch 81/335, Loss: 0.0897, Valid batches: 81
Epoch 28/30, Batch 86/335, Loss: 0.0681, Valid batches: 86
Epoch 28/30, Batch 91/335, Loss: 0.0783, Valid batches: 91
Epoch 28/30, Batch 96/335, Loss: 0.0721, Valid batches: 96
Epoch 28/30, Batch 101/335, Loss: 0.0717, Valid batches: 101
Epoch 28/30, Batch 106/335, Loss: 0.0805, Valid batches: 106
Epoch 28/30, Batch 111/335, Loss: 0.0666, Valid batches: 111
Epoch 28/30, Batch 116/335, Loss: 0.0609, Valid batches: 116
Epoch 28/30, Batch 121/335, Loss: 0.0768, Valid batches: 121
Epoch 28/30, Batch 126/335, Loss: 0.0771, Valid batches: 126
Epoch 28/30, Batch 131/335, Loss: 0.1073, Valid batches: 131
Epoch 28/30, Batch 136/335, Loss: 0.1149, Valid batches: 136
Epoch 28/30, Batch 141/335, Loss: 0.0849, Valid batches: 141
Epoch 28/30, Batch 146/335, Loss: 0.0679, Valid batches: 146
Epoch 28/30, Batch 151/335, Loss: 0.0911, Valid batches: 151
Epoch 28/30, Batch 156/335, Loss: 0.0681, Valid batches: 156
Epoch 28/30, Batch 161/335, Loss: 0.0887, Valid batches: 161
Epoch 28/30, Batch 166/335, Loss: 0.0759, Valid batches: 166
Epoch 28/30, Batch 171/335, Loss: 0.1204, Valid batches: 171
Epoch 28/30, Batch 176/335, Loss: 0.0851, Valid batches: 176
Epoch 28/30, Batch 181/335, Loss: 0.0827, Valid batches: 181
Epoch 28/30, Batch 186/335, Loss: 0.0811, Valid batches: 186
Epoch 28/30, Batch 191/335, Loss: 0.0722, Valid batches: 191
Epoch 28/30, Batch 196/335, Loss: 0.0694, Valid batches: 196
Epoch 28/30, Batch 201/335, Loss: 0.0685, Valid batches: 201
Epoch 28/30, Batch 206/335, Loss: 0.0827, Valid batches: 206
Epoch 28/30, Batch 211/335, Loss: 0.0771, Valid batches: 211
Epoch 28/30, Batch 216/335, Loss: 0.0870, Valid batches: 216
Epoch 28/30, Batch 221/335, Loss: 0.0624, Valid batches: 221
Epoch 28/30, Batch 226/335, Loss: 0.0631, Valid batches: 226
Epoch 28/30, Batch 231/335, Loss: 0.0862, Valid batches: 231
Epoch 28/30, Batch 236/335, Loss: 0.0669, Valid batches: 236

Epoch 28/30, Batch 241/335, Loss: 0.0862, Valid batches: 241
 Epoch 28/30, Batch 246/335, Loss: 0.0730, Valid batches: 246
 Epoch 28/30, Batch 251/335, Loss: 0.0830, Valid batches: 251
 Epoch 28/30, Batch 256/335, Loss: 0.0724, Valid batches: 256
 Epoch 28/30, Batch 261/335, Loss: 0.0910, Valid batches: 261
 Epoch 28/30, Batch 266/335, Loss: 0.0917, Valid batches: 266
 Epoch 28/30, Batch 271/335, Loss: 0.0869, Valid batches: 271
 Epoch 28/30, Batch 276/335, Loss: 0.0743, Valid batches: 276
 Epoch 28/30, Batch 281/335, Loss: 0.0849, Valid batches: 281
 Epoch 28/30, Batch 286/335, Loss: 0.0744, Valid batches: 286
 Epoch 28/30, Batch 291/335, Loss: 0.0674, Valid batches: 291
 Epoch 28/30, Batch 296/335, Loss: 0.0960, Valid batches: 296
 Epoch 28/30, Batch 301/335, Loss: 0.0726, Valid batches: 301
 Epoch 28/30, Batch 306/335, Loss: 0.0767, Valid batches: 306
 Epoch 28/30, Batch 311/335, Loss: 0.0599, Valid batches: 311
 Epoch 28/30, Batch 316/335, Loss: 0.0705, Valid batches: 316
 Epoch 28/30, Batch 321/335, Loss: 0.0649, Valid batches: 321
 Epoch 28/30, Batch 326/335, Loss: 0.0802, Valid batches: 326
 Epoch 28/30, Batch 331/335, Loss: 0.0792, Valid batches: 331

Probability distribution for first example:

æ: 0.2277
 n: 0.0807
 ə: 0.0636
 : 0.0607
 s: 0.0290
 k: 0.0257
 t: 0.0250
 r: 0.0165
 : 0.0161
 w: 0.0117

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.5641)
 Token 1: æ (prob: 0.5225)
 Token 2: n (prob: 0.2984)
 Token 3: æ (prob: 0.1998)
 Token 4: æ (prob: 0.3062)
 Token 5: æ (prob: 0.1895)
 True: "conscious" ['k', ' ', 'n', ' ', 'ə', 's'], Predicted: kænə
 True: "overthrow" ['o', ' ', 'v', 'ə', 'r', ' ', 'r', 'o', ' '], Predicted:
 æntərə
 True: "cocoon" ['k', 'ə', 'k', 'u', 'n'], Predicted: kə
 Epoch 28/30, Train Loss: 0.0813, Valid batches: 335/335
 Epoch 29/30, Batch 1/335, Loss: 0.0729, Valid batches: 1
 Epoch 29/30, Batch 6/335, Loss: 0.0978, Valid batches: 6
 Epoch 29/30, Batch 11/335, Loss: 0.0738, Valid batches: 11
 Epoch 29/30, Batch 16/335, Loss: 0.0708, Valid batches: 16

Epoch 29/30, Batch 21/335, Loss: 0.0781, Valid batches: 21
Epoch 29/30, Batch 26/335, Loss: 0.0771, Valid batches: 26
Epoch 29/30, Batch 31/335, Loss: 0.0682, Valid batches: 31
Epoch 29/30, Batch 36/335, Loss: 0.0817, Valid batches: 36
Epoch 29/30, Batch 41/335, Loss: 0.0725, Valid batches: 41
Epoch 29/30, Batch 46/335, Loss: 0.0751, Valid batches: 46
Epoch 29/30, Batch 51/335, Loss: 0.0723, Valid batches: 51
Epoch 29/30, Batch 56/335, Loss: 0.0719, Valid batches: 56
Epoch 29/30, Batch 61/335, Loss: 0.0925, Valid batches: 61
Epoch 29/30, Batch 66/335, Loss: 0.0825, Valid batches: 66
Epoch 29/30, Batch 71/335, Loss: 0.0940, Valid batches: 71
Epoch 29/30, Batch 76/335, Loss: 0.0699, Valid batches: 76
Epoch 29/30, Batch 81/335, Loss: 0.0871, Valid batches: 81
Epoch 29/30, Batch 86/335, Loss: 0.0685, Valid batches: 86
Epoch 29/30, Batch 91/335, Loss: 0.1089, Valid batches: 91
Epoch 29/30, Batch 96/335, Loss: 0.0828, Valid batches: 96
Epoch 29/30, Batch 101/335, Loss: 0.0840, Valid batches: 101
Epoch 29/30, Batch 106/335, Loss: 0.0706, Valid batches: 106
Epoch 29/30, Batch 111/335, Loss: 0.1078, Valid batches: 111
Epoch 29/30, Batch 116/335, Loss: 0.0728, Valid batches: 116
Epoch 29/30, Batch 121/335, Loss: 0.0983, Valid batches: 121
Epoch 29/30, Batch 126/335, Loss: 0.0757, Valid batches: 126
Epoch 29/30, Batch 131/335, Loss: 0.0752, Valid batches: 131
Epoch 29/30, Batch 136/335, Loss: 0.0896, Valid batches: 136
Epoch 29/30, Batch 141/335, Loss: 0.0773, Valid batches: 141
Epoch 29/30, Batch 146/335, Loss: 0.0857, Valid batches: 146
Epoch 29/30, Batch 151/335, Loss: 0.0744, Valid batches: 151
Epoch 29/30, Batch 156/335, Loss: 0.0846, Valid batches: 156
Epoch 29/30, Batch 161/335, Loss: 0.0818, Valid batches: 161
Epoch 29/30, Batch 166/335, Loss: 0.0657, Valid batches: 166
Epoch 29/30, Batch 171/335, Loss: 0.0867, Valid batches: 171
Epoch 29/30, Batch 176/335, Loss: 0.0573, Valid batches: 176
Epoch 29/30, Batch 181/335, Loss: 0.0688, Valid batches: 181
Epoch 29/30, Batch 186/335, Loss: 0.0789, Valid batches: 186
Epoch 29/30, Batch 191/335, Loss: 0.0674, Valid batches: 191
Epoch 29/30, Batch 196/335, Loss: 0.0887, Valid batches: 196
Epoch 29/30, Batch 201/335, Loss: 0.0820, Valid batches: 201
Epoch 29/30, Batch 206/335, Loss: 0.0776, Valid batches: 206
Epoch 29/30, Batch 211/335, Loss: 0.0854, Valid batches: 211
Epoch 29/30, Batch 216/335, Loss: 0.0698, Valid batches: 216
Epoch 29/30, Batch 221/335, Loss: 0.0976, Valid batches: 221
Epoch 29/30, Batch 226/335, Loss: 0.0878, Valid batches: 226
Epoch 29/30, Batch 231/335, Loss: 0.0936, Valid batches: 231
Epoch 29/30, Batch 236/335, Loss: 0.0734, Valid batches: 236
Epoch 29/30, Batch 241/335, Loss: 0.0549, Valid batches: 241
Epoch 29/30, Batch 246/335, Loss: 0.0890, Valid batches: 246
Epoch 29/30, Batch 251/335, Loss: 0.0921, Valid batches: 251
Epoch 29/30, Batch 256/335, Loss: 0.0690, Valid batches: 256

Epoch 29/30, Batch 261/335, Loss: 0.0705, Valid batches: 261
 Epoch 29/30, Batch 266/335, Loss: 0.0897, Valid batches: 266
 Epoch 29/30, Batch 271/335, Loss: 0.0775, Valid batches: 271
 Epoch 29/30, Batch 276/335, Loss: 0.0713, Valid batches: 276
 Epoch 29/30, Batch 281/335, Loss: 0.1017, Valid batches: 281
 Epoch 29/30, Batch 286/335, Loss: 0.0858, Valid batches: 286
 Epoch 29/30, Batch 291/335, Loss: 0.0770, Valid batches: 291
 Epoch 29/30, Batch 296/335, Loss: 0.1004, Valid batches: 296
 Epoch 29/30, Batch 301/335, Loss: 0.0693, Valid batches: 301
 Epoch 29/30, Batch 306/335, Loss: 0.1059, Valid batches: 306
 Epoch 29/30, Batch 311/335, Loss: 0.0857, Valid batches: 311
 Epoch 29/30, Batch 316/335, Loss: 0.0790, Valid batches: 316
 Epoch 29/30, Batch 321/335, Loss: 0.0829, Valid batches: 321
 Epoch 29/30, Batch 326/335, Loss: 0.0836, Valid batches: 326
 Epoch 29/30, Batch 331/335, Loss: 0.0717, Valid batches: 331

Probability distribution for first example:

æ: 0.2005
 n: 0.0687
 : 0.0641
 ə: 0.0556
 s: 0.0290
 t: 0.0279
 r: 0.0274
 k: 0.0257
 f: 0.0244
 : 0.0192

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.5424)
 Token 1: æ (prob: 0.5424)
 Token 2: n (prob: 0.1926)
 Token 3: æ (prob: 0.1725)
 Token 4: æ (prob: 0.2659)
 Token 5: æ (prob: 0.1664)
 True: "conscious" ['k', ' ', 'n', ' ', 'ə', 's'], Predicted: kænə
 True: "overthrow" ['o', ' ', 'v', 'ə', 'r', ' ', 'r', 'o', ' ', ' '], Predicted:
 æntərə
 True: "cocoon" ['k', 'ə', 'k', 'u', 'n'], Predicted: kækə
 Epoch 29/30, Train Loss: 0.0808, Valid batches: 335/335
 Epoch 30/30, Batch 1/335, Loss: 0.0902, Valid batches: 1
 Epoch 30/30, Batch 6/335, Loss: 0.0919, Valid batches: 6
 Epoch 30/30, Batch 11/335, Loss: 0.1041, Valid batches: 11
 Epoch 30/30, Batch 16/335, Loss: 0.0744, Valid batches: 16
 Epoch 30/30, Batch 21/335, Loss: 0.1018, Valid batches: 21
 Epoch 30/30, Batch 26/335, Loss: 0.0736, Valid batches: 26
 Epoch 30/30, Batch 31/335, Loss: 0.0731, Valid batches: 31
 Epoch 30/30, Batch 36/335, Loss: 0.0782, Valid batches: 36

Epoch 30/30, Batch 41/335, Loss: 0.0737, Valid batches: 41
Epoch 30/30, Batch 46/335, Loss: 0.0824, Valid batches: 46
Epoch 30/30, Batch 51/335, Loss: 0.0716, Valid batches: 51
Epoch 30/30, Batch 56/335, Loss: 0.0666, Valid batches: 56
Epoch 30/30, Batch 61/335, Loss: 0.0688, Valid batches: 61
Epoch 30/30, Batch 66/335, Loss: 0.0891, Valid batches: 66
Epoch 30/30, Batch 71/335, Loss: 0.0870, Valid batches: 71
Epoch 30/30, Batch 76/335, Loss: 0.0701, Valid batches: 76
Epoch 30/30, Batch 81/335, Loss: 0.0772, Valid batches: 81
Epoch 30/30, Batch 86/335, Loss: 0.0795, Valid batches: 86
Epoch 30/30, Batch 91/335, Loss: 0.0812, Valid batches: 91
Epoch 30/30, Batch 96/335, Loss: 0.0775, Valid batches: 96
Epoch 30/30, Batch 101/335, Loss: 0.0664, Valid batches: 101
Epoch 30/30, Batch 106/335, Loss: 0.0629, Valid batches: 106
Epoch 30/30, Batch 111/335, Loss: 0.0628, Valid batches: 111
Epoch 30/30, Batch 116/335, Loss: 0.0833, Valid batches: 116
Epoch 30/30, Batch 121/335, Loss: 0.0756, Valid batches: 121
Epoch 30/30, Batch 126/335, Loss: 0.0771, Valid batches: 126
Epoch 30/30, Batch 131/335, Loss: 0.0917, Valid batches: 131
Epoch 30/30, Batch 136/335, Loss: 0.0751, Valid batches: 136
Epoch 30/30, Batch 141/335, Loss: 0.0718, Valid batches: 141
Epoch 30/30, Batch 146/335, Loss: 0.0863, Valid batches: 146
Epoch 30/30, Batch 151/335, Loss: 0.0672, Valid batches: 151
Epoch 30/30, Batch 156/335, Loss: 0.0800, Valid batches: 156
Epoch 30/30, Batch 161/335, Loss: 0.0805, Valid batches: 161
Epoch 30/30, Batch 166/335, Loss: 0.0784, Valid batches: 166
Epoch 30/30, Batch 171/335, Loss: 0.0753, Valid batches: 171
Epoch 30/30, Batch 176/335, Loss: 0.0681, Valid batches: 176
Epoch 30/30, Batch 181/335, Loss: 0.0760, Valid batches: 181
Epoch 30/30, Batch 186/335, Loss: 0.0685, Valid batches: 186
Epoch 30/30, Batch 191/335, Loss: 0.0709, Valid batches: 191
Epoch 30/30, Batch 196/335, Loss: 0.0873, Valid batches: 196
Epoch 30/30, Batch 201/335, Loss: 0.0793, Valid batches: 201
Epoch 30/30, Batch 206/335, Loss: 0.0701, Valid batches: 206
Epoch 30/30, Batch 211/335, Loss: 0.0699, Valid batches: 211
Epoch 30/30, Batch 216/335, Loss: 0.0682, Valid batches: 216
Epoch 30/30, Batch 221/335, Loss: 0.1028, Valid batches: 221
Epoch 30/30, Batch 226/335, Loss: 0.0645, Valid batches: 226
Epoch 30/30, Batch 231/335, Loss: 0.0683, Valid batches: 231
Epoch 30/30, Batch 236/335, Loss: 0.0824, Valid batches: 236
Epoch 30/30, Batch 241/335, Loss: 0.0900, Valid batches: 241
Epoch 30/30, Batch 246/335, Loss: 0.0815, Valid batches: 246
Epoch 30/30, Batch 251/335, Loss: 0.0718, Valid batches: 251
Epoch 30/30, Batch 256/335, Loss: 0.1019, Valid batches: 256
Epoch 30/30, Batch 261/335, Loss: 0.0887, Valid batches: 261
Epoch 30/30, Batch 266/335, Loss: 0.1121, Valid batches: 266
Epoch 30/30, Batch 271/335, Loss: 0.0632, Valid batches: 271
Epoch 30/30, Batch 276/335, Loss: 0.1001, Valid batches: 276

Epoch 30/30, Batch 281/335, Loss: 0.0751, Valid batches: 281
 Epoch 30/30, Batch 286/335, Loss: 0.0963, Valid batches: 286
 Epoch 30/30, Batch 291/335, Loss: 0.0831, Valid batches: 291
 Epoch 30/30, Batch 296/335, Loss: 0.0585, Valid batches: 296
 Epoch 30/30, Batch 301/335, Loss: 0.0686, Valid batches: 301
 Epoch 30/30, Batch 306/335, Loss: 0.0943, Valid batches: 306
 Epoch 30/30, Batch 311/335, Loss: 0.0802, Valid batches: 311
 Epoch 30/30, Batch 316/335, Loss: 0.0804, Valid batches: 316
 Epoch 30/30, Batch 321/335, Loss: 0.0762, Valid batches: 321
 Epoch 30/30, Batch 326/335, Loss: 0.0952, Valid batches: 326
 Epoch 30/30, Batch 331/335, Loss: 0.0770, Valid batches: 331

Probability distribution for first example:

æ: 0.1961
 n: 0.0681
 ə: 0.0474
 : 0.0456
 t: 0.0282
 f: 0.0277
 r: 0.0261
 s: 0.0220
 k: 0.0180
 : 0.0162

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.7062)
 Token 1: æ (prob: 0.5714)
 Token 2: n (prob: 0.2516)
 Token 3: f (prob: 0.2561)
 Token 4: æ (prob: 0.2845)
 Token 5: æ (prob: 0.1984)
 True: "conscious" ['k', ' ', 'n', ' ', 'ə', 's'], Predicted: kənfæ
 True: "overthrow" ['o', ' ', 'v', 'ə', 'r', ' ', 'r', 'o', ' '], Predicted: sə
 True: "cocoon" ['k', 'ə', 'k', 'u', 'n'], Predicted: kækə
 Epoch 30/30, Train Loss: 0.0802, Valid batches: 335/335

Test Predictions:

Word	True Phonetic	Predicted Phonetic
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Raw prediction sequence (first 10 tokens):

Token 0: r (prob: 0.4241)
 Token 1: æ (prob: 0.5416)
 Token 2: z (prob: 0.2526)
 Token 3: ə (prob: 0.1725)
 Token 4: l (prob: 0.3477)
 Token 5: l (prob: 0.5784)

nutshell	n t l	ræzəl
insult	n s lt	kæn
tacit	tæs t	tæ
reserve	r z rv	ræv
spirituality	spr t uæleti	dæŋkə
yellow	j lo	hlæ
showily	o li	æ t
preferable	pr fərəbəl	prsæ
sculptural	sk lpt ərəl	ræsəæ
coincide	ko nsɑ d	kæ
graphite	græfɑ t	græf
incognizance	nk gn zəns	æræ
synthetic	s n t k	sæ
sardonic	s rd n k	hædææ
osculation	skjule ən	wæŋkæ
sully	səli	sæl
obsess	əbs s	bæ t
migratory	ma grət ri	mækgæ
instance	nstəns	næ z
alligator	æl ge tər	hæmæ
lieutenantship	l ft nənt p	wæ
intermission	ntərm ən	mənt
likely	la kli	læð
indecisive	nd sɑ s v	læ
none	n n	mæən
effulgent	f ld ənt	fælææ
replete	r plit	ræpəl
malice	məl s	mæəl
designate	d z gne t	d sæk
divider	dəvɑ dər	də t
matchless	mæt ləs	mæpəl
garage	gə	kær

Raw prediction sequence (first 10 tokens):

Token 0: v (prob: 0.8281)

Token 1: æ (prob: 0.5926)

Token 2: r (prob: 0.2522)

Token 3: ə (prob: 0.2722)

Token 4: ə (prob: 0.2396)

Token 5: æ (prob: 0.2631)

vitrescence	v tr səns	vərəæ
tersely	t sli	s ræææ
depression	d pr ən	d pr
auction	k ən	æ
granulate	grənjəle t	græt
mortar	m rtər	mæt
demolish	d m l	dægæ
flown	flo n	flæ

godmother	g dm ðər	kndæ
vesper	v spər	dæ
latent	le tənt	læt
intractile	ntrækta l	kæəl
godly	g dli	gæd
muscle	m səl	kəsəl
most	mo st	mæt
avenge	ə v nd	vəd
mellowy	m lo i	mæl
distress	d str s	dəsæt
convalescent	k nvəl sɛnt	ævəl
bereave	b riv	bæræf
notoriety	no təræ əti	læər
appropriate	əpro priət	prpæ
hypothesis	ha p əs s	hæz
detractor	d trækter	pætæn
slag	slæ	slæ æ
purser	p rsər	prəsæ
controvertible	k ntrev rtəbəl	kænæ
lark	l rk	læə
elementary	ləm ntəri	sæməə
fledge	fl d	flæd
force	f rs	fər
deleterious	dl t rɪəs	tæ

Raw prediction sequence (first 10 tokens):

Token 0: d (prob: 0.8159)

Token 1: (prob: 0.7375)

Token 2: æ (prob: 0.4403)

Token 3: æ (prob: 0.3430)

Token 4: æ (prob: 0.2627)

Token 5: æ (prob: 0.1968)

juiciness	d usinəs	d æ
constructor	kən str ktər	kæntər
console	kənsəl	kænfeɪl
iota	a o tə	æðən
allowance	əla əns	hælən
phial	fa əl	vəl
trapdoor	træpd r	kætæ
cause	k z	gæs
lime	la m	læðæ
hysterical	h st r kəl	sæstəæ
propensity	prəp ns ti	prsæ
analysis	ənələs s	s kəl
launder	l ndər	mæ
cooperate	ko pərə t	kæp
royalty	r əlti	rəsəl
hybrid	ha br d	hæbət

femininity	f mæn nɛti	fæmæ
indecorous	nd kærəs	dænt
canister	kæn stər	kænæt
forceful	f rʃfəl	tæv
sagamore	sægəm r	sææ
fulsome	f lʃəm	fætər
pattern	pætərn	pær
illiberal	l bɛrəl	lb
nobody	no b di	kæbɛb
effacement	fe smɛnt	væ ə
crinkle	kr ŋkəl	ræŋkəl
ourselves	a əs lvz	ræsz
millstone	m lʃtɒn	mæɾæt
cubic	kjuːb k	kæbæ
saffron	sæfrən	wæfər
genus	d inəs	d æ

Raw prediction sequence (first 10 tokens):

Token 0: m (prob: 0.2379)

Token 1: æ (prob: 0.4789)

Token 2: æ (prob: 0.2913)

Token 3: æ (prob: 0.2426)

Token 4: d (prob: 0.2807)

Token 5: d (prob: 0.4995)

incandescent	nkænd sɛnt	mæd
mustard	m stɜrd	mæd
refection	r f k ɛn	ræfæ
fallible	fæl bəl	fælə
subsist	sɛbs st	hæ
contemptible	kɛnt mptəbl	kænɱæ
interests	ntɹɛsts	æ
decimal	d sɛməl	dæəl
participle	prt s pəl	pæɾtæ
click	kl k	klæ
translocate	trænzlo ke t	flæ
retired	r ta ɜrd	tæt
advertise	ædvɛɾta z	æfær
mediation	midi ɛn	mædæ
piece	pis	bæ
tighten	ta tɛn	tæt
consciousness	k n ɛsnəs	kæ sɛæ
salamander	sæləmændər	præm
cruiser	kruzər	kræsæ
flare	fl r	flæk
perspiration	prspɛrɛ ɛn	prpæ
snapper	snæpər	kæp
ratchet	ræt t	ræf
jet	d t	kɛnvæ

advantage	əd vʌnt	hæfv
transmigrate	trʌnzma re t	præ
daze	de z	dæt
trusteeship	tr sti p	træ æ
surely	rli	æ
trichina	tr ka nə	smæn
bravado	bræv do	prvæ
nominate	n mʌne t	mæt

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.7197)

Token 1: æ (prob: 0.3813)

Token 2: æ (prob: 0.2531)

Token 3: b (prob: 0.5432)

Token 4: b (prob: 0.3533)

Token 5: b (prob: 0.3687)

crabuncle	kræb ŋkəl	kæb
planet	plæn t	plææ
alignment	əla nmənt	hæðəm
turnout	t rna t	æræ
transverse	trʌnzv rs	æfæ
debut	de bju	tæpæ
challenge	t æl nd	æləm
vapidity	vɛp dɛti	vætææ
dizzy	d zi	d sæt
capacity	kəpæsəti	kæpəp
acrobat	ækrəbæt	kæb
vulnerableness	v lnərəbəl nəs	flæb
misconduct	m sk nd kt	mæd
astrigent	əstr nd ənt	sɛmɛp
huckster	h kstər	sækæt
innovation	nəve ən	kɛnvæ
concise	kənsa s	kæt
occupation	kjəpe ən	æmæp
comet	k mət	kæt
shack	æk	tægk
rummage	r m d	mæd
teak	tik	ðæ
argue	rgju	æg
selfsame	s lfsem	pætəm
cajole	kəd ol	wæfəl
hansom	hænsəm	hæð
wigwam	w gw m	skæn
desperate	d spərət	d spæ
unicity	jun sti	sækææ
castigate	kæstəge t	kæ
inflexibility	nfl ksəb ləti	plææ
forehead	fr d	færd

Raw prediction sequence (first 10 tokens):

Token 0: d (prob: 0.9361)

Token 1: (prob: 0.5553)

Token 2: s (prob: 0.6649)

Token 3: æ (prob: 0.3610)

Token 4: æ (prob: 0.2889)

Token 5: n (prob: 0.1665)

disown	d s o n	d s æ n
chest	t s t	t æ t
scald	s k l d	s æ l
varied	v r i d	v æ l æ æ
stove	s t o v	w æ v
gentility	d n t l æ t i	p æ t æ l
denominator	d n m æ n e t æ r	t r æ t
club	k l b	g r æ b
binary	b a n æ r i	b æ n
domino	d m n o	d æ m n
helpless	h l p l s	h æ p æ l
coercible	k o r s b æ l	k æ æ
tonnage	t n	t æ d
pocket	p k æ t	p æ k æ n
retina	r t æ n æ	k æ d æ
compoundable	k m p a n d æ b æ l	k æ m p æ
wormwood	w r m w d	m æ d
impede	m p i d	m p æ d
drop	d r p	d m æ p æ
blazon	b l æ z æ n	p l æ s
veer	v r	v æ v æ
unearthly	n r l i	r æ l t
scarf	s k r f	s r æ v
craziness	k r e z i n æ s	k r æ t
couplet	k p l æ t	k æ n p æ l
cousinly	k z æ n l i	k æ s æ n
dabble	d æ b æ l	t æ
out	a t	w æ ð s
powder	p a d æ r	p æ t d
assistant	æ s s t æ n t	h æ m æ n
lard	l r d	l æ d
quota	k w o t æ	k æ d

Raw prediction sequence (first 10 tokens):

Token 0: t (prob: 0.6987)

Token 1: æ (prob: 0.4606)

Token 2: æ (prob: 0.3159)

Token 3: t (prob: 0.3106)

Token 4: l (prob: 0.2462)

Token 5: l (prob: 0.4422)

shower	a ər	tətʃ
amphitheater	æmfə iətər	ækə
perambulate	pəræmbjəle t	pæ
auctioneer	k ən r	æ
aboard	əb d	æbæ
tintype	t ntə p	dæt
mist	m st	mæs
solemnization	sləmna ze ən	slægə
ragged	ræg d	lægæt
angle	æŋgəl	æləl
nervelessness	n rvləsnəs	rævl
trowel	tra əl	kæəl
outcome	a tk m	wæðən
nonconformity	n nkən frməti	mækəf
gnaw	n	mæ
sister	s stər	æən
ram	ræm	æən
ordinary	dən i	æn
double	dbəl	tət
laughterless	læftər l s	ræftæm
omniscience	mn əns	mæə
cook	k ki	kæk
priest	prist	præs
salute	səlut	sæləl
bonus	bo nə s	bæ
scenario	sn rɪ o	ætə
fissure	f ər	fæs
inefficacious	n fəke əs	rætə
moisture	m st ər	mæ
wince	w ns	wənə
healthful	hl fəl	hlf
upbraid	pb ed	bæbær

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.5558)

Token 1: r (prob: 0.2642)

Token 2: æ (prob: 0.3333)

Token 3: m (prob: 0.4235)

Token 4: m (prob: 0.3024)

Token 5: ə (prob: 0.1661)

incriminate	nkr m ne t	kræmə
redundant	rd ndənt	dædæ
nonintervention	n n ntərv n ən	vævə
cuckoo	kuku	kæən
yard	j rd	wæd
barley	barli	bæləl
dissolvent	dz lvənt	dlæf
tantalize	tæntəla z	dæræt

fluctuate	fl kt ue t	sælæet
candidness	kænd dnəs	wadə
discount	d ska nt	d æ
ferocious	fəro əs	fæ
overture	o vɜrt ər	ənərə
jam	d æm	d æm
transfuse	trænzfjuz	mæfæt
unlucky	nl ki	kælæ
diagonal	da æ ənəl	dæ
storehouse	st rha s	stæ
uncultivated	nk lt ve t d	kæləv
muddiness	məd nəs	mædæ
abnegation	æbnə e ən	bæ
lambent	læmbənt	læmə
clearly	kl rli	kæl
mustache	mæstæ	mæt
brute	brut	bæer
libertine	l bɜrt n	ræb d
herculean	h rkjəliən	hælæ
reptile	r ptal	ræpæəl
roulette	ru lt	ræl
chill	t l	d æləl
parabolic	pæərb l k	p æl
coachman	ko t mən	kænfr

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.3646)

Token 1: p (prob: 0.2933)

Token 2: p (prob: 0.5636)

Token 3: p (prob: 0.4009)

Token 4: æ (prob: 0.2104)

Token 5: æ (prob: 0.2048)

explanation	kspləne ən	spæ
poison	p zən	d æləæ
odious	odiəs	wadə
soft	s ft	sæfæ
grew	ru	gær
perplexity	pɜrpl ksəti	prpəl
yule	jul	wæl
which	w t	tæt
new	nu	mæ
recast	rikæst	lækwæ
astronomer	əstr nɜmə	hærææ
pretender	pr t ndər	prætə
rescindable	r s ndəbəl	mænæp
tectonic	t kt n k	tæ
tabulate	tæbjəle t	tæb ən
refrigerator	r fr d ərə tər	ræfæ

jester	d stər	d æ
cult	k lt	kæl
gilt	g lt	gæl
complicity	kəmpl s ti	æl
sanctimony	sənkt mo ni	kæd
depend	d p nd	dæprt
topographic	t pə ræf k	tæbæk
graft	græft	græt
obliterate	əbl tere t	æbl
dissuade	d swe d	tæt
marshal	m r əl	mæər
frighten	fra tən	fræt
wiggle	w gəl	sənkel
vortiose	v rt ko s	dægæ
proclivity	p o kl vət i	præt
soggy	s gi	hægen

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.2047)

Token 1: æ (prob: 0.5446)

Token 2: æ (prob: 0.3632)

Token 3: b (prob: 0.3469)

Token 4: ə (prob: 0.2521)

Token 5: b (prob: 0.1888)

publication	p bl ke ən	bæbæb
nimble	n mbəl	æəb
unfurnished	nfr n t	nvæt
dishonorable	d s nəreəbəl	dæmæə
credible	kr dəbəl	ræd
platform	plætf rm	plæ f
sneak	snik	sræk
meditate	m d te t	mæd
trimmer	tr mər	sræm
unknown	nb no n	æbəəl
confer	kənfr	kənfa
trombone	tr mbo n	sæə
fern	fr n	fæ
ecclesiastic	əkliziæst k	krææə
superstructure	supərst kt ər	særmæə
trihedron	tra hidrən	sæd
changeful	t end fəl	dəft
filthiness	fl inəs	fæləə
pacifier	pæs fa ər	bæ
scuffle	sk fəl	kænveə
bedraggle	b drægəl	pædæəm
mental	m ntəl	mæər
rail	rel	ræəl
resistless	r z stləs	ræzəl

liquidator	l kw de tər	mædæ
reciprocity	r s pr sti	ræp
catarrhal	kæt rəl	wætəl
conductible	kænd ktəbəl	kændæ
malformation	mælf rme ən	kærfa
juniper	d un pər	d ænəæ
whatsoever	w tsə vər	wæv
gallop	gæləp	græl

Raw prediction sequence (first 10 tokens):

Token 0: d (prob: 0.8185)

Token 1: (prob: 0.4217)

Token 2: p (prob: 0.2818)

Token 3: æ (prob: 0.1902)

Token 4: t (prob: 0.2177)

Token 5: t (prob: 0.3928)

debate	d be t	d pæt
museum	mjuziəm	kəsæt
purgatory	p rgət ri	plæt
disfavor	d sfe vər	d sæ t
catalpa	kə tælpə	kə
profess	prəf s	prvæ
populace	ppjələs	bæl
rely	r la	rælæ
azure	æ ər	ənsæ
strategic	strətid k	trəd
oversight	o vər sa t	əntæ
alien	e liən	əlæ
ululate	ljəle t	kælæ
venerable	v nərəbəl	vənæəb
marmot	m rmət	mæəæ
hallucinate	həlus ne t	hæst
capon	ke p n	kæpəp
bondsman	b ndzmən	prætəæ
interpolation	nt rpəle ən	knfpæl
immigrant	m grənt	skæn
angularity	æŋgjələ ɛti	æər
superabundance	supərəb ndəns	tæbəb
oblivin	əbl v n	pləd
hilt	h lt	hæl
allowable	əla əbəl	ræbəb
collaborate	kəlæbəre t	klbə
propinquity	prəp ŋkw ti	prbə
flew	flu	fæ
personnel	p rsən l	præsæ
reminder	r ma nder	mæ
sack	sæk	sæ
clearcut	kl rk t	klæææ

Raw prediction sequence (first 10 tokens):

Token 0: m (prob: 0.6008)

Token 1: æ (prob: 0.5904)

Token 2: æ (prob: 0.3629)

Token 3: (prob: 0.3053)

Token 4: v (prob: 0.3525)

Token 5: v (prob: 0.2320)

midget	m d t	mæ v
ozone	o z o n	hær
utterly	tərli	ðænæ
expostulate	ksp st əle t	əpæz
stalactite	stəlækta t	træmnæ
mule	mjul	mæəl
vulnerability	v lnərəb ləti	væləb
spaniard	spənjərd	prændæ
impanel	mpænəl	ræpæ
fidelity	fəd ləti	sædəl
magician	məd ən	ræd
vote	vo t	fæt
vulcanian	v lke niən	værtəæ
jehovah	d əho və	sæfæ
belie	bla	bælət
slime	sla m	læðən
scragginess	skræg n s	kægæ
temperate	t mpər t	d mæ
murderous	m rdərəs	mædə
provoke	prəvo k	prvæ
disagreeable	d səgriəbəl	tæ p
carpenter	k rpəntər	kæpæ
somnambulist	s mnəmbjəl st	sæmæə
resumption	iz mp ən	ræse
cosmetic	k zm t k	kæəl
aspire	əspa ər	əæbæ
prohibition	p o h b ən	pæə
unassuming	nəsum ŋ	kræk
haversack	hævərsæk	æfæ
aimlessness	e mləsnes	ækæəl
fury	fj ri	færel
ultraist	ltrə st	kntæ

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.5369)

Token 1: æ (prob: 0.4971)

Token 2: æ (prob: 0.2975)

Token 3: p (prob: 0.2214)

Token 4: ə (prob: 0.3394)

Token 5: r (prob: 0.1803)

pauper	p pər	pəpər
fortuitous	f r t u t ə s	fəntɹə
opaqueness	o p e k n ə s	ədæk
worth	wər	kæðən
particularize	p ɜrt k j ə l ɜ r ə z	ətə
pastry	p e s t r i	pətər
imaginative	m æ d ə n ə t v	mə
wasteful	w e s t f ə l	wæ f
intransitive	n t r ə n s t v	æ ə ə
persecutor	p r s ə k j u t ər	prəsə
paleness	p e l n ə s	pəl
boat	b o t	bæt
postulent	p s t ə l ə n t	bæ
payable	p e ə b ə l	pəpə
harder	h r d ər	hædə
highest	h a ə s t	sæ z
tuxedo	t k s i d o	wætd
calender	k æ l ə n d ər	kælət
appearance	ə p ə n s	əpərə
helmet	h l m ə t	hælə
bolter	b o l t ər	bəld
falsify	f l s f a	sæf
organist	r g ə n s t	sə
xanthian	z æ n i ə n	sækək
discrepancy	d s k r p ə n s i	d skræ
logicality	l d k æ l ə t i	mætə
beef	b i f	bæ
quell	k w l	kæt
augment	g m n t	ækər
composure	k ə m p o ər	kəmpə
coupon	k u p n	kəmbəə
spurt	s p r t	spər

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.4013)

Token 1: æ (prob: 0.5803)

Token 2: æ (prob: 0.3295)

Token 3: m (prob: 0.2413)

Token 4: ə (prob: 0.3626)

Token 5: n (prob: 0.2991)

kimono	k m o n o	kəmən
journey	d r n i	d ə
indiscriminate	n d s k r m ə n ə t	træn
compassion	k ə m p ə ə n	kəmpə
submission	s ə b m ə n	səmæt
indorse	n d r s	ðænə
helpfulness	h l p f ə l n ə s	hlæ
inclosure	n k l o ə	gær

academically	ækəd m kəli	pætɔə
moneyless	m nɪləs	mæər
curtail	k ɪ t eɪ l	kæəl
flimsy	flɪ mzi	flɪmæ
maxim	mæks m	mæ æəl
ornamentor	ɹnəm ntər	sæðən
inimical	n m kəl	knæməæ
harmonious	h ɹ m o nɪəs	hæmən
solitary	s l t ɪ rɪ	sældæ
blare	bl ɹ	blæ ð
imperfection	ɪ mpər f k ən	mpæ
torpid	t ɹ p d	tæpd
meddlesome	m dl s ə m	kndæ
hibernal	ha b ɹ n ə l	spbæl
abnegate	æb n ge t	æbæ
tusk	t sk	tæk
depone	d p o n	d pæt
attraction	ə t r æ k ən	sæmən
archbishop	ɹ t b ə p	wæd
demur	d m ɹ	dæn
floss	fl s	flæ
inundate	n nde t	kændæ
invaluable	ɪ nvæl ju ə b ə l	æpæ
bundle	b ndəl	bæ l

Raw prediction sequence (first 10 tokens):

Token 0: m (prob: 0.8389)

Token 1: æ (prob: 0.6123)

Token 2: æ (prob: 0.5134)

Token 3: æ (prob: 0.3195)

Token 4: æ (prob: 0.2248)

Token 5: s (prob: 0.1729)

moss	m s	mæs
spongy	sp nd i	pævə
hindrance	h ndrəns	hæl mæ
preparative	pr pærət v	prpæ
ginger	n ər	væv ə
deify	di fa	tæt
temporal	t ɪ p ər ə l	d pæ l
plantation	plænte ən	flæt
storminess	st ɹ m nəs	træn
speechlessness	spɪt ləs nəs	d æ l
passionate	pæ ənət	pætæ
suitable	su tə b ə l	kæ b ə b
canonist	kænən st	kæn kæ
pliability	plæ ə b l ɪ tɪ	hlæp
itemize	a tə m a z	dæ mæs
warrior	w rɪər	kæsəl

vowelize	va ə la z	v ə l ə
laudableness	l də b ə l n ə s	l ə d ə
lag	l ə g	l ə ð ə ə
calorescence	k ə l ə r s ə n s	k ə l ə
vagary	ve g ə i	v ə k ə r
paralyze	p ə r ə l a z	pl ə t
precipitable	pr s p t ə b ə l	pr ə s ə
tailor	t e l ə r	s ə r ə m
couch	ka t	k ə s
materially	m ə t i r i ə l i	m ə s ə l
individuality	nd ə v d u ə l ə t i	s ə f t
bloom	blum	bl ə r
watchdog	w t d g	s ə d ə
liniment	l n ə m ə n t	r ə n
mystery	m s t ə r i	m ə ə ə
edge		h ə d

Raw prediction sequence (first 10 tokens):

Token 0:	k	(prob: 0.5679)
Token 1:	ə	(prob: 0.5298)
Token 2:	ə	(prob: 0.4592)
Token 3:	t	(prob: 0.5037)
Token 4:	t	(prob: 0.3380)
Token 5:	t	(prob: 0.2743)
quarterly	kw t ə l i	k ə t
incorrigibility	nk d ə b l ə t i	k ə ə
hesitation	h z ə t e ə n	h ə s ə t
perfecter	p f k t	pr f ə
starve	st r v	s ə v
paraffin	p ə r ə f n	p ə f ə
unjust	nd st	r ə d ə
confirmer	k ə n f r m ə r	k ə n f ə ə
villain	v l ə n	v ə l ə
daffodil	d ə f ə d l	d ə t ə
subterranean	s b t ə r e n i ə n	str ə
presupposition	pr is p ə z ə n	pr p ə
sureness	ə r n ə s	h ə
impractical	m pr ə k t k ə l	mp ə r ə
momentous	mo m n t ə s	m ə
steeple	st ip ə l	t ə pl
dullness	d l n ə s	d l
twilight	twa l a t	w ə t
mnemonical	n m n k ə l	ə n m ə
coercive	ko r s v	k ə ə v
wanderer	w n d ə r ə r	h ə l d ə ə
taxable	t ə k s ə b ə l	s ə b
dresser	dr s ə r	d s ə
pillager	pl d ə r	pl ə

lunar	lunər	mæt
pecuniary	p kju ni ri	pæn
magenta	mæd ntə	mætæt
nod	n d	kæd
rancidness	ræns dnəs	ræd
downcast	da nkæst	dæmæ
suspire	səs pa r	sæl
jangle	d æŋgəl	d ænə

Raw prediction sequence (first 10 tokens):

Token 0: v (prob: 0.4888)

Token 1: æ (prob: 0.3386)

Token 2: æ (prob: 0.2680)

Token 3: s (prob: 0.1796)

Token 4: ə (prob: 0.1772)

Token 5: t (prob: 0.1708)

vociferation	vo s fə e ən	vəsət
triviality	tr viæl ti	trævəl
colleague	k lig	kælæ
torpidity	t rp dɛti	pæd
falchion	f l ən	fælæə
center	s nt	kænər
supplementary	s pl m ntəri	vlæ
sage	se d	wæ d
along	ə l ŋ	wæl
rapier	re piər	ræpəæ
anticipate	ænt səpe t	kæ
undergo	ndər go	æntæg
hypercritical	ha pərkr t kəl	hæp ə
falter	f ltər	fæðt
bagatelle	bæ gə t l	pænər
irate	a re t	æræ
shrug	r g	præg
utter	tər	kætæ
red	r d	wædæ
style	stal	stæn
vagabond	vægəb nd	vælbə
since	s ns	mæææ
lenient	linient	læt
iconoclast	a k nɛklæst	ækææ
cupid	kjup d	wæfæd
company	k mpəni	kænæ
deluge	d lud	d læ
ambidextrous	æmb d kstrəs	ænkæt
amendment	əm ndmənt	kæn
recipe	r s pi	hæp
indecipherable	nd sa fərəbəl	sæf
journal	d nəl	d æn

Raw prediction sequence (first 10 tokens):

Token 0: d (prob: 0.8756)

Token 1: (prob: 0.8710)

Token 2: æ (prob: 0.7078)

Token 3: æ (prob: 0.3431)

Token 4: æ (prob: 0.2886)

Token 5: æ (prob: 0.2870)

genially	d inieli	d æ
youth	ju	wæð
spot	sp t	epæt
flinch	fl nt	flæs
hemlock	h ml k	kræ
wearisome	w risem	hæraem
presbyterian	pr zbæt riæn	prsæ
catarrh	kæt r	mætæt
breathe	brið	brær
compatible	kæmpætæbæl	kæmpæ
thunder	ndær	tædæ
sifter	s fter	sæft
monopolist	mæn pæl st	mæpæ
sacrificial	sækr f æl	sæ f
combinable	kæmba næbæl	pæb
multifarious	ml tæ f riæs	mæf
senatorship	s nætær p	æ ææ
par	p r	pær
belligerent	bæld ærænt	pæ
immortality	m rtæletæ	kæŋk
atheistic	e i st k	wkææt
revivify	r v v fa	dæbd
tutelage	tu tæl d	træ æ
seaport	siport	hæper
tyrannicide	taræn sa d	tæ
perjurer	prd ærær	prbæ
care	k r	kæz
chime	t æ m	t æm
perfidy	prf di	prsæ
splash	splæ	plæt
boost	bust	bæn
animus	æn mæs	æmnæ

Raw prediction sequence (first 10 tokens):

Token 0: l (prob: 0.4052)

Token 1: æ (prob: 0.7615)

Token 2: æ (prob: 0.3815)

Token 3: f (prob: 0.2585)

Token 4: f (prob: 0.3638)

Token 5: f (prob: 0.2455)

pavilion	pəv lɪən	læf
baron	bæ ən	bæn
holland	h lənd	slæə
hive	ha v	wæv
trustful	tr stfəl	græ f
columnar	kəl mnər	kærleə
whetstone	w tsto n	sətəə
gusset	s t	gæ s
vellum	v ləm	væl
pumice	p m s	bæmə
risen	zən	mæ ə
denomination	d n m ne ən	də
magic	mæd k	mæd
hour	a ər	ær
profile	pro fa l	prfəə
verminous	v rmənəs	vəmæ
woodland	w dlənd	æræ
flaunt	fl nt	flæd
amidst	əm dst	smæd
toe	to	ðæt
superficial	supər f əl	præsə
impossibility	mp səb ləti	mæpə
sum	s m	sæmn
parboil	p rbo l	prpəə
indirectness	nder ktne s	dædægə
perplex	pərpl ks	præpər
forethought	fr t	fərðet
noxious	n k əs	kætət
familiarization	fəm liə ə ze ən	fər əə
edit	d t	də
friendless	fr ndlə s	fæm
rebate	rib t	rædvæ

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.4451)

Token 1: æ (prob: 0.3801)

Token 2: l (prob: 0.3554)

Token 3: l (prob: 0.3733)

Token 4: l (prob: 0.2828)

Token 5: æ (prob: 0.2178)

parlor	prlər	pælə
translucent	trænklusənt	plæt
knack	næk	næ əð
size	sa z	hæ t
percolator	prkəle tər	kælə
ascribable	əskra bəbəl	sæmæəb
physics	f z ks	fæs
unimpeachable	n mpit əbəl	kæd

polish	p l	pæ
inexplicable	n kspl kəbəl	æfpl
ellipse	l ps	ræp
symposium	s mpo ziəm	sæmæp
uncompromising	nk mprəma z ŋ	kæmpræ
undulate	ndjulet	əndæ
zealousness	z ləsnes	sælæs
pious	pa əs	pæ
conciseness	kənsa snəs	kwəsə
parsimonious	prsəmo niəs	pætəæ
factitious	fæk t əs	fæərəæ
debility	dəbləti	dəb
grandmother	grændm ðər	dæfæ
utilitarian	jut lt riən	sæləæ
calligraphic	kəl græf k	kəær
bowstring	bo st ŋ	bægeæ
liveliness	la vlīnəs	ləd
majestically	məd st kəli	ləd æ
stupid	stup d	əd
elder	ldər	hældæ
commendation	km n de ən	kæmænt
foreground	frgrænd	fæəl
antedate	ænt de t	wæsd
effective	f kt v	hæv

Raw prediction sequence (first 10 tokens):

Token 0: w (prob: 0.4139)

Token 1: æ (prob: 0.7125)

Token 2: æ (prob: 0.4972)

Token 3: v (prob: 0.5516)

Token 4: v (prob: 0.5912)

Token 5: v (prob: 0.7035)

several	s vərəl	wæv
machinist	mə in st	mæsəæ
decree	d kri:	d ærn
intricacy	ntr kəsi	ænæ
peripatetic	pr pət t k	pærsæ
macron	me kr n	kænmər
arbitrate	rb tre t	kæbəæ
forgotten	fər g tən	fægəl
silk	s lk	sæləm
hitherto	h ðərtu	hæðən
anchovy	ænt o vi	ræv
program	pro græm	prætæ
condiment	k nd mænt	kədæ
fraud	fr d	frætd
scornful	sk rnfəl	klæf
frivolity	fr v ləti	prfææ

inconsolable	n kən so ləbəl	tæɪl
overboard	o vərbrd	kræbəə
pontiff	p nt f	pədæ
sacrificer	sækɹ fa sər	fræfæ
copperplate	k pərple t	kənpæ
fundamental	f ndəm ntəl	fæðtəm
dissipation	d s pe ən	d spæ
baggage	bæɡ d	pæ
impeccable	mp kəbəl	mp æ
confectionery	kənf k ənə i	kənsæ
popular	p pjələr	pæðt
statute	stæt ut	tæt
immeasurability	m ərəbləti	kæb
aggrieve	əɡriv	wæf
compliment	k mpləmənt	knfpæ
rubric	ub k	ræbə

Raw prediction sequence (first 10 tokens):

Token 0: f (prob: 0.9585)

Token 1: æ (prob: 0.6087)

Token 2: r (prob: 0.3741)

Token 3: ð (prob: 0.4721)

Token 4: ə (prob: 0.3160)

Token 5: r (prob: 0.2896)

famish	fəm	fərðər
incredibility	nkr dəb ləti	kəntdæ
lily	l li	əlæəl
masterful	məst fəl	mə f
dexter	d kstər	dæt
weathercock	w ðərk k	sækɡk
graciousness	re əsnəs	gæt
doctrine	d ktr n	dæə
portly	prtli	bæ
anent	ən nt	kəd
antic	ənt k	æræk
objector	əbd ktər	pər
aforementioned	əf mn ənd	fætæ
clan	klæn	klæð
paste	pe st	pætæ
iterate	tərɛ t	træ
strength	st ŋ	stl
blunt	bl nt	blæə
autumn	təm	ædæ
impute	mpjut	məbp
tranquility	trəŋkw ləti	sæəl
subaltern	sə b ltərn	wəðər
mummery	m məri	məkər
linotype	la nətə p	læəə

changer	t e n d e r	æ
soften	s f e n	s æ f
taborine	t æ b e r i n	t æ b æ
vend	v n d	v æ ð t
statutory	s t æ t æ t r i	s æ t æ æ
scenery	s i n e r i	s æ k e l
profitless	p r o f i t l e s	h æ t e l
church	t t	d æ r

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.6781)

Token 1: m (prob: 0.3339)

Token 2: m (prob: 0.5210)

Token 3: m (prob: 0.4095)

Token 4: e (prob: 0.3598)

Token 5: n (prob: 0.3046)

humor	h j u m e r	s m e n
unwillingness	n w l i n e s	k æ l æ
sacrilegious	s æ k r e l d e s	s æ l e f
modulation	m d e l e e n	m æ t d
puissant	p w s e n t	b æ n d
trousers	t r a z e r z	g r æ s e
derogative	d r g e t v	d æ m e æ
casuist	k æ u s t	k w æ s t f
distaff	d s t æ f	d s æ t
doric	d r k	d r æ æ
brewery	b r u e r i	b r æ ð e r
braid	b r e d	b r æ ð e d
slogan	s l o g e n	h l æ
hurdle	h e r d e l	æ d e l
accurate	æ k j e r e t	k æ
abduct	æ b d k t	æ b d æ
tonic	t n k	t r æ n
ambidexterity	æ m b d k s t r e t i	m æ t
trousseau	t r u s e	k l æ f
souffle	s u f l e	æ l
contemporary	k æ n t m p e r r i	k n t æ
greasiness	g r i s n e s	g r æ t
spotless	s p t l e s	p æ t l
bacteriological	b æ k t e r i e l d k e l	b æ n æ
gun	g n	g æ t
morbid	m r b d	k æ b d
flesh	f l	f r æ t
windlass	w n d l e s	s æ t r æ
carrot	k æ r e t	k æ r æ t
have	h æ v	f æ f
quicksilver	k w k s l v e r	k æ n s l
limitable	l m t e b e l	r æ m e

Raw prediction sequence (first 10 tokens):

Token 0: w (prob: 0.2305)		
Token 1: æ (prob: 0.4005)		
Token 2: æ (prob: 0.3630)		
Token 3: v (prob: 0.3367)		
Token 4: v (prob: 0.5332)		
Token 5: v (prob: 0.5020)		
strive	strav	wæv
blaspheme	blæs fim	plæsææ
vexation	v kse ən	fæt
allow	əla	hælæl
insanity	nsænəti	wænd
clannish	klæn	klæk
newer	nuər	kæər
assimilative	əs mæle t v	sæmæ
credential	kr d n əl	kədæ
topographical	təpə ræf kəl	æpæ
page	pe d	pæ
asininity	æs n nəti	wæst
heighten	ha tən	hæ ðə
memoranda	m mərændə	mæən
premeditation	prim d te ən	prænəd
tearful	t rfəl	tæræf
suffragette	s frəd t	præv
idiosyncrasy	diəs ŋkrəsi	d æŋ
purchaser	prt əsər	prævd
adulterate	ə d ltərə t	dæ
botanist	b tən st	bætæ
sexagenarian	s ksəd əneəriən	ædæ
learned	l rn d	læ
bulge	b ld	bræsə
venturesome	v nt ərsəm	værtər
gleam	glim	græt
cogency	ko d ənsi	kæd
cardioid	k rdio d	kæd
rip	r p	ræp
admit	ədm t	æmæ
discommode	d skəmod	dæət
prior	pra ər	præsæ

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.7030)
 Token 1: æ (prob: 0.5475)
 Token 2: r (prob: 0.2508)
 Token 3: t (prob: 0.2335)
 Token 4: t (prob: 0.2038)
 Token 5: d (prob: 0.2644)

pertinacious	p r t n e ə s	p æ r t d
apostolate	ə p s t ə l ə t	ə p æ l
captaincy	k æ p t ə n s i	k æ m p æ
sly	s l a	s l æ
forefather	f r f ð æ r	f æ t
ivory	a v ə r i	w æ v
afflict	ə f l k t	w æ l
laughter	l æ f t æ r	l æ f t
astrakhan	æ s t r æ k æ n	s æ t æ k
discerner	d s r n æ r	d s æ
crabonize	k r æ b ə n a z	k æ m p æ
moreover	m r o v æ r	m æ r
adversity	æ d v r s t i	æ f æ s
doubtless	d a t l ə s	d s æ l
goodness	g d n ə s	g æ t
supply	s ə p l a	p l æ t
sacrament	s æ k r ə m ə n t	s t r æ m
valedictory	v æ l ə d k t ə r i	f r æ d æ
tensile	t n s a l	g æ l
torso	t r s o	d æ r æ t
vernal	v r n ə l	f æ r t ə l
shore	r	p æ l
therewith	ð r w ð	r æ ð æ n
annals	æ n ə l z	æ l
dispose	d s p o z	d s æ p
majority	m ə r t i	m æ d ə
spoiler	s p l æ r	t æ l æ l
acceleration	æ k s l æ r e ə n	k æ s ə l
dilate	d a l e t	d æ l æ
keyboard	k i b r d	æ b æ
pristine	p r s t i n	p r æ n t
ancestorial	æ n s s t o r i ə l	æ l

Raw prediction sequence (first 10 tokens):

Token 0: m (prob: 0.4022)

Token 1: æ (prob: 0.4381)

Token 2: æ (prob: 0.1649)

Token 3: æ (prob: 0.1981)

Token 4: æ (prob: 0.2070)

Token 5: b (prob: 0.1282)

uncurbed	n k r b d	m æ b
develop	d v l ə p	d f æ
ventriloquism	v n t r l ə k w z ə m	f æ ð æ r
saint	s e n t	s æ t d
severance	s v ə r ə n s	s æ v ə t
group	g r u p	g æ p
flood	f l d	f l æ d
curate	k j r æ t	g æ t

say	se	hæ
ingrain	ngren	ægæt
peculiarity	p kju liær ti	pækæ
minimize	m n ma z	mæt
amplitude	æmpl tud	kæmæ
chevalier	vøl æ	sævl
indefiniteness	nd f n tnəs	nvæ
wren	ren	læðen
resolute	r zəlut	fælæl
senatorial	s nət riəl	wætəl
combination	k mb ne ən	kæmbæ
brimless	br ml s	bækər
sight	sa t	sæt
suicide	su sa d	hæ
muscularity	m skjəlær ti	mæsæ
cease	sis	hæ t
drear	dr ər	dæræ
protuberant	prətubrənt	præb
laugh	læf	læf
cauterism	k tər zəm	kætræ
claimable	kle mæbəl	klæb
turnkey	t rnki	stægæ
lackadaisical	lækədə z kəl	mænd
alienate	e liəne t	hælæ

Raw prediction sequence (first 10 tokens):

Token 0: d (prob: 0.8011)

Token 1: æ (prob: 0.4994)

Token 2: æ (prob: 0.4300)

Token 3: æ (prob: 0.3933)

Token 4: t (prob: 0.1664)

Token 5: t (prob: 0.3917)

descent	d s nt	dæt
lizard	l zərd	ræ ət
chasm	kæzəm	kæsər
rosewood	ro zw d	kæsæt
sensation	s nse ən	kæt
whitewash	wa tw	hæ t
chassis	æsi	hæz
burnt	b rnt	bær
inattention	nəten ən	kæt
seemingly	sim ŋli	sæmæs
third	d	wəd
preeminent	pri mənənt	pærtəm
impassioned	mpæ ənd	mpæt
cheek	t ik	tæk
pique	pik	pæ
waxwork	wæks w rk	wæsəl

hazard	hæzərd	wæt
bemoan	b mo n	bæn
dial	da əl	dæl
ripe	ra p	ræp
volunteer	v lən t r	væləl
wittiness	w tɪnəs	hætən
clamor	klæmə	klækə
commissionaire	kəm əneər	kə
circumduction	s rkəmd k ən	ænfəd
palpability	pælpəb ləti	plæə
numerator	numərə tər	kækəə
shyness	a nəs	sætrə
chart	t rt	t æ t
manipulation	mən pjəle ən	mæpə
salubrious	səlu briəs	wælb
proposal	prəpo zəl	prpəl

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.6437)

Token 1: æ (prob: 0.4673)

Token 2: æ (prob: 0.4380)

Token 3: s (prob: 0.2033)

Token 4: ə (prob: 0.1797)

Token 5: æ (prob: 0.1302)

conscience	k n əns	kəsəə
begin	b g n	bægə
fat	fæt	fər
decorate	d kərə t	dərə
outsider	a tsa dər	wəsəl
afterclap	æftərklæp	fælə
knell	n l	rər l
appendix	əp nd ks	dəfə
harbinger	harb nd ər	kəpə
withhold	w ōho ld	səl
presuppose	prisəpo z	prfə
sulky	s lki	hælə
renunciation	r n nsie ən	mæ
swindle	sw ndəl	sədə
jew	d u	ədæ
cabbage	kəb d	æ t
range	re nd	ləd
moralize	m rəla z	rəmər
flung	fl ŋ	flæŋk
chilly	li	d əl əə
catholic	kə əl k	kə z
april	e prəl	hæfə
blemish	bl m	præ m
bender	b ndər	bənt

ejection	d k ən	æd æ
goad	go d	gæd
innoculation	n kjule ən	kækæ
brawny	br ni	bræðer
assemble	əs mbəl	wæsrn
hypothecate	ha p əke t	hæpræ
yuga	jugə	gæs
beforetime	b f ta m	bæ

Raw prediction sequence (first 10 tokens):

Token 0: t (prob: 0.4174)

Token 1: æ (prob: 0.3331)

Token 2: æ (prob: 0.3714)

Token 3: æ (prob: 0.2312)

Token 4: ə (prob: 0.2229)

Token 5: ə (prob: 0.2078)

tab	tæb	tæə
keenness	ki nəs	kæn
qualified	kw ləfa d	kævəv
loom	lum	lær
furious	fj riəs	færlæ
confirmative	kənfr mət v	kənfa
unhonored	n nerd	sæəə
interested	ntrest d	kænsæ
liner	la nər	læðær
adulation	æd əle ən	sætæ
virago	v r go	værtæ
comeliness	k mlinəs	kæ
transfix	trənsf ks	kænfa
tripper	tr pər	kæpə
conductibility	kænd ktəb ləti	kændæ
fig	f g	færem
scold	skold	sækl
squeeze	skwiz	hkæsæ
today	tədə	də
sleeveless	slivləs	lævəl
communicator	kəmjun ke tər	kræt
scorpion	sk rpjən	gæp
detach	d tət	dæt
host	ho st	hæst
conjecture	kænd kt ər	kævæə
elegant	ləgənt	hlæ
there	ð r	ðær
chromate	kro me t	klæə
line	la n	læð
quicksand	kw ksænd	kækt
speculate	sp kjule t	pækæ
puff	p f	bæv

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.2410)

Token 1: æ (prob: 0.5050)

Token 2: æ (prob: 0.2582)

Token 3: t (prob: 0.3758)

Token 4: t (prob: 0.2187)

Token 5: t (prob: 0.2438)

emaciated	me ie t d	kæt
cocktail	k kte l	kæø
gnarl	n rl	sæl
bylaw	ba l	bær
participate	p r t s pe t	pæræø
titan	ta tøn	tætæ
pedestrian	pæ d striøn	pædæø
dime	da m	dæør
memorable	m mæøøbøl	mæøp
understandable	ndørstændøbøl	sæb
awesome	søm	hæ
interline	nterla n	klæ
aghast	ægæst	æ gæ
daily	de li	dæsæt
permanence	p rmønøns	præm
thine	ða n	kæðøn
municipal	mjun s pøl	mæmtø
area	riø	kæræ æ
zinc	z ŋk	sæŋø
rapacity	ræpæsøti	ræb æ
recuperation	r kupøre øn	læø
screech	skrit	kæf
fearful	f fæl	væ f
aperture	æpørt ør	hær
expedition	kspø d øn	hæbd
disobey	d sæ be	dæsæbø
administrative	ødm n stre t v	kæv
spread	spr d	præd
discover	d sk vær	dæsæv
brink	br ŋk	bæŋk
treacherous	tr ørøs	kævø
bachelorhood	bæt ølørh d	bæøl

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.9337)

Token 1: r (prob: 0.5542)

Token 2: æ (prob: 0.6122)

Token 3: s (prob: 0.2973)

Token 4: s (prob: 0.1787)

Token 5: t (prob: 0.1793)

protegee		pro te e		præst
verbosity		v rb s ti		vævøb
haddock		hædæk		ædæn
rumbler		r mblər		ræmø
rejecter		r d kt		ræd əl
under		ndər		æfærm
needful		nidfəl		mædæ
bungalow		b ŋgələ		bæləl
washout		w a t		wæt
slap		slæp		slæp
pottage		p t d		pr ə
reflective		r fl kt v		ænfələ
shoal		o l		sæl
redemption		r dmp ən		kædæ
fragile		fræd əl		pærdə
reservedly		r z rv dli		rævet
teaspoonful		tispunf l		səpæ
diplomat		d pləmæt		təŋ
coupling		k pl ŋ		kæsəl
revolution		r vølu ən		ræv
pretext		prit kst		prætæ
concretion		k nkri ən		kæ
remount		rim nt		sæmən
insignificance		ns gn f kəns		sæk
famine		fæm n		fæðəm
comfortless		k mførtləs		kntrl
anthem		æn əm		wæðn
nitrogen		na trəd ən		kæd
portraiture		p rtr t ər		pəntæ
avenue		ævənu		wæv
feverish		fivr		sæft
corn		k rn		klæn

Raw prediction sequence (first 10 tokens):

Token 0: f (prob: 0.6749)

Token 1: æ (prob: 0.6038)

Token 2: æ (prob: 0.2200)

Token 3: g (prob: 0.2620)

Token 4: ə (prob: 0.2091)

Token 5: æ (prob: 0.1919)

forgiveness		fərg vnəs		fægəæ
forgetful		fərg tfəl		fæmæt
repudiate		r pjʊ die t		sæstd
poach		pə t		pæp
hamlet		hæmlət		sæmøæ
aviation		e vie ən		ævæv
sclerotic		sklər t k		klæææ
misconstruction		m skənstr k ən		kænkæ

parasite	pæɹesa t	pæt
recapitulate	rikəp t ule t	məmæp
cornice	k n s	kə
duet	du t	d sət
mortalize	m rtəla z	mətrə
elegy	lə i	həv
fix	f ks	fə
achieve	ət iv	səv
cobblestone	k bəlsto n	bætəm
diarrhea	da əriə	dəsə
unkempt	nk mpt	kwəd
impassionate	mpə əne t	mpæt
interchangeable	ntərt end əbəl	dædæ
accost	ək st	wægk
define	d fa n	də
indicate	nd ke t	ðə
teutonic	tu t n k	də
cite	sa t	hæð
theory	iəri	lərəə
decoration	dkəre ən	dkərə
diminution	d m nu ən	dənt
stability	stəb ləti	səbə
pliers	plə ərz	plæ ə
compound	k mpa nd	kəbə

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.9177)

Token 1: æ (prob: 0.5078)

Token 2: n (prob: 0.2784)

Token 3: v (prob: 0.4724)

Token 4: ə (prob: 0.3061)

Token 5: v (prob: 0.1871)

covenant	k vənənt	kənvəv
stream	strim	stəm
achromatically	e kro mət kəli	kəmə
stag	stæg	stæðg
sclerosis	sklərə s s	sklər
mystic	m st k	mət
foist	f st	vəsə
materialist	mə t riəl st	məsəl
perceptress	pərs ptr s	prpə
inaccessibility	nəks səb ləti	kə
haughtiness	h tines	hərdə
grandfather	grændf ðər	kənfə
decry	dk a	dərt
butler	b tlər	bələ
inconsiderate	nkən s dərət	gət
lubricate	lubrike t	rəbə

torment	t r m n t	s æ m ə n
weird	w ɜ d	w æ d
illiteracy	l t ə r ə s i	r æ f ə
necessity	n ə s s ə t i	m æ f t
instrumental	n s t r ə m n t ə l	æ t ə r ə
inactive	n æ k t v	k æ v
penchant	p n ə n t	p æ f ə
impartiality	m p r i ə l t i	æ p ə
fleet	f l i t	f l æ t
arithmetic	ə r m ə t k	w ə r ə ə n
happily	h æ p l i	h æ p
deepen	d i p ə n	d s æ t
sectional	s k ə n ə l	k æ n s ə l
bison	b a s ə n	b æ t
overflow	o v ə r f l o	k æ n s ə l
ban	b æ n	b æ

Raw prediction sequence (first 10 tokens):

Token 0: f (prob: 0.9241)

Token 1: æ (prob: 0.4577)

Token 2: l (prob: 0.6089)

Token 3: æ (prob: 0.3329)

Token 4: æ (prob: 0.4516)

Token 5: æ (prob: 0.2555)

free	f r i	f æ l ə
few	f j u	f æ r
fortunate	f r t ə n ə t	f æ n ə
beckon	b k ə n	b æ n
brunt	b r n t	b r æ ð æ t
breathlessness	b r l ə s n ə s	b æ k ə l
tripedal	t r a p d ə l	r æ t æ t
motorist	m o t ə r s t	m æ t ə r
fraught	f r t	f r æ t
overshoe	o v ə r u	ə n s ə
ajar	ə d r	æ æ
pillage	p l d	p æ l
devotion	d v o ə n	d f æ
suitability	s u t ə b l ə t i	s æ b
bishop	b ə p	b æ f
digestive	d a d s t v	h æ æ
invasion	n v e ə n	k æ d ə
compatibleness	k ə m p æ t ə b l n ə s	k ə m p æ
talmud	t æ l m d	s æ ə d
gradation	r ə d e ə n	k æ t
neck	n k	n æ ð ə n
verse	v r s	æ v ə
tinkle	t ŋ k ə l	t æ ŋ k ə l
ebb	b	t æ ə n

mosque	m sk	mæsə
truck	t k	sæðən
marketable	m rkətəbəl	mæəb
vouchee	va t i	væ ə
apportion	ə pr ən	tæ
circumlocutory	s rkəm l kjət ri	plæ
urbane	rbe n	ræv æ
west	w st	sæf

Raw prediction sequence (first 10 tokens):

Token 0: (prob: 0.1716)

Token 1: æ (prob: 0.4014)

Token 2: æ (prob: 0.2580)

Token 3: k (prob: 0.1883)

Token 4: æ (prob: 0.1929)

Token 5: æ (prob: 0.2317)

congratulation	kəngræt ə le ən	ækæ
coxswain	k ksən	kætæt
undiscerning	nd s rn ŋ	ædtæ
futile	fjutl	fæðtəl
ought	t	æðər
noneability	n nəb l ti	mæd
columbia	kəl mbie	klmbə
insomuch	nsəm t	kəsə
speculation	sp kjule ən	sækæ
beautiful	bjut fəl	pæt
suppress	səpr s	mæsə
compliant	kəmpla əbəl	æləp
impugn	mpjun	mpæt
jeweler	d uələr	d ælə
vinculum	v ŋkjələm	vələl
orderless	rdər l s	dædələ
armature	rmət r	klæ æ
irrefutable	r fjutəbəl	ræfæ
stopper	st pər	æpəl
remodel	rimodəl	skæd
assignee	əsa ni	hæn
prolix	pro l ks	præl
untrodden	ntr dən	tæd
matter	mætər	mætæ
local	lo kəl	læ
connive	kəna v	kræv
duck	d k	dæn
cognac	ko njæk	kæræn
spring	spr ŋ	spæn
induction	nd k ən	æ
quanchable	kw nt əbəl	kæəb
bubble	b bəl	bæt

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.6960)

Token 1: æ (prob: 0.5929)

Token 2: n (prob: 0.3083)

Token 3: v (prob: 0.4050)

Token 4: ɐ (prob: 0.2312)

Token 5: v (prob: 0.1386)

theft	ft	kænvēv
auscultate	sk lte t	hænʃkəl
inadvertency	nædv rtensi	mæ əə
circumspection	s rkəmsp k ən	prpə
magnetic	mægn t k	ræfæt
sermonize	s rməna z	slæ
bear	b r	bær
stress	str s	stræ
cinder	s nd	særtən
weapon	w pən	ɛəpər
whine	wa n	hæ
medium	midiəm	rædə
corroborative	kər bərə t v	kæt
liege	lid	ləd
caseous	ke siəs	kəsæt
prognosticate	pr n st ke t	prækæ
assay	æse	hæ
colorable	klərəbəl	klæb
solvent	slvənt	sælf
calumnious	kəl mniəs	kælgæ
editorial	dət riəl	dæ
mouth	ma	mæt
atrophy	ætrəfi	wæf
relate	r le t	ræl
managerial	mænəd riəl	mæd æ
consummation	knsəme ən	kənsræ
spirit	sp r t	hæpər
locate	lo ke t	læ
artillery	rt ləri	tæl
nature	ne t ɐ	mætəə
rout	ra t	mæt
dramatical	drəmæt kəl	dæə

Raw prediction sequence (first 10 tokens):

Token 0: r (prob: 0.3657)

Token 1: æ (prob: 0.4929)

Token 2: n (prob: 0.1684)

Token 3: ɐ (prob: 0.1920)

Token 4: ɐ (prob: 0.2851)

Token 5: æ (prob: 0.2015)

insinuate	ns njue t	rænəə
mendicancy	m nd kənsi	mædæ
nippers	n pərz	əpə
fastener	fæsənər	fæs
grab	græb	gæəb
collection	kəl k ən	kær
nominal	n m nəl	hækər
mystify	m stəfa	mænəə
prodigal	pr d gəl	prædæ
glossy	gl si	græs
seraph	s ræf	hæræf
itinerary	a t n r ri	ædməl
reign	re n	læ n
parapet	pærəp t	pæpə
relexable	ril ksəbəl	kælæə
linden	l ndən	ləd
flat	flæt	flæt
pertain	pəte n	pætə
fiction	f k ən	fərsə
aeroplane	rəple n	hæseə
tolerant	t lərənt	lət
delirious	dl riəs	də
cheerfully	t r ŋli	t ækn
defection	d f k ən	d fæs
credibility	kr dəbləti	kændə
grade	gre d	gæt
separable	s pərəbəl	ə
winnow	w no	sæ ən
talkative	t kət v	ætə
assailable	əse ləbəl	əb
aspersion	əsp r ən	əbə
resentment	r z ntment	sætd

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.7081)

Token 1: ə (prob: 0.4083)

Token 2: ə (prob: 0.4113)

Token 3: ə (prob: 0.1915)

Token 4: (prob: 0.1965)

Token 5: t (prob: 0.1440)

peristyle	pr stə l	pə t
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ecstasy	kstəsi	st
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chirology	ka r ləd i	kəl
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altercation	ltə ke ən	əksə
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terror	t rər	sæl
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squalidness	skw l dnəs	kəd
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flannel	flənəl	flə əm
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slippery	sl pəri	hlæpə
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policeman	pəlismən	plæ æ
neology	ni lə i	mænæ
transparent	trænsprənt	kæmpæ
accessory	ək s səri	ækæm
pedigree	p dægri	pædæ
indelible	nd ləbəl	ræmæ
counteract	ka ntərækt	kænfa
avail	əve l	ævəl
irreproachable	r pro t əbəl	mpbæ
abound	əba nd	æbæ
unsuspected	nsəsp kt d	knfæl
sandal	sændəl	sæðdæ
jubilant	d ubələnt	dææ
ambitious	æmb əs	æb
phenomenonal	f n m nəl	færməm
griddle	gr dəl	kændæ
bias	ba əs	bæ t
initiation	n i e ən	hæðet
horizon	hər zən	hæ
target	t rgæt	tæræg
germicide	d rm sa d	d æmæ
interchangeability	ntər e n əb ləti	rævæd
shield	ild	sæl
appellant	əplənt	ænlæ

Raw prediction sequence (first 10 tokens):

Token 0: ə (prob: 0.3698)

Token 1: b (prob: 0.4241)

Token 2: p (prob: 0.2818)

Token 3: æ (prob: 0.2315)

Token 4: æ (prob: 0.2184)

Token 5: t (prob: 0.1997)

aptly	æptli	əbpæt
mobility	mo b ləti	mæəb
infelicitous	nfəl s təs	fæ
roguish	ro g	ræ
hew	hju	hæð
dab	dæb	tæt
convoke	kənvo k	kənvæ
upon	əp n	pæ
eke	ik	æg
concentration	k nsəntre ən	kəsæt
directness	dər kt nəs	dæn
moist	m st	mæt
virtue	vørt u	vætər
proffer	pr fər	prfæ
progress	pr gr s	præm
melon	m lən	mæl

felt	f lt	fæl
citation	sa te ən	hæet
peaceful	pisfæl	pæf
conviviality	kənv viæleti	sævææ
adjudge	ə	häd
pardon	p rdən	pæt
mishap	m shæp	mäsæp
copyright	k pira t	kændæ
antipode	ænt po d	ætæt
penetratingly	p nətret ɲli	prnæ
prune	prun	plæk
scraggy	skræ i	skæææ
sofa	so fə	sæf
infiltrate	nfl tre t	ælələ
stolid	st l d	sräd
redistribution	rid str bju ən	tææ

Raw prediction sequence (first 10 tokens):

Token 0: (prob: 0.3368)

Token 1: æ (prob: 0.4352)

Token 2: æ (prob: 0.5113)

Token 3: (prob: 0.2154)

Token 4: v (prob: 0.2804)

Token 5: v (prob: 0.2614)

dingy	d nd i	æ v
throb	r b	ækææb
omnipresent	mn pr zənt	æmp
oscillation	səle ən	sæl
symmetrical	s m tr kəl	sæmæææ
tawny	t ni	dæn
hoof	h f	hæfæf
distributive	d str bjut v	dæspæ
something	s m ɲ	sæmæn
swelter	sw ltər	sæld
taboret	tæboret	æbæt
premises	pr ms z	pærm
mint	m nt	mæt
rigidity	r d dėti	ræ d
indicative	nd kət v	ænsæv
gage	ge d	gæt
inanimation	nən ən	ænæð
ornate	rne t	mæt
teller	t lər	tæl
usage	jus d	wæ d
corrosion	kəro ən	gæs
respectful	r sp ktfæl	lær
ravenous	rævənəs	rævææ
funny	f ni	fæk

asylum	əsa ləm	sæltəm
armful	mf l	æf
ruler	rulər	ræ
gate	ge t	gæst
zodiac	zo diæk	wædæ
arraign	əre n	æn
choke	t ok	pætæ
martyrdom	m rtərdəm	mæd

Raw prediction sequence (first 10 tokens):

Token 0: m (prob: 0.6684)

Token 1: æ (prob: 0.4916)

Token 2: æ (prob: 0.6025)

Token 3: æ (prob: 0.4211)

Token 4: <blank> (prob: 0.2953)

Token 5: r (prob: 0.1481)

governess	g vərnes	mæ r
similar	smələr	sækəl
rift	r ft	ræf
instinct	nst ŋkt	kæk
bath	bæ	pæ
fashionable	fæ ənəbəl	dæət
droll	dro l	dæəl
edification	d fke ən	sæpæt
twice	twa s	wæ
retriever	r trivər	ævæt
glove	gl v	græv
circumstantiate	s kəmstæn ie t	prsæ
cutaneous	kjute niəs	kæt d
underhanded	ndər hænd d	sæld
argosy	rgəsi	hækæ
soiree	sw re	wæt
caste	kæst	kæsæz
busybody	b zib di	dæpər
xyletic	za l t k	sæl
porousness	prəs nəs	præs
corrugation	k rəge ən	kəm
testify	t st fa	tæ t
specter	sp ktər	pæntæ
address	ədr s	ædæn
wooden	w dən	kədæ
invent	nv nt	ræv
diversity	da v rs ti	dæfæ
aeronautic	ron t k	æ
classmate	klæsme t	klæ
chant	t ænt	fænæ
mutuality	mjut uæləti	mæl
concurrent	kənk rənt	mænd

Raw prediction sequence (first 10 tokens):

Token 0: r (prob: 0.3865)

Token 1: æ (prob: 0.6271)

Token 2: æ (prob: 0.3394)

Token 3: s (prob: 0.2494)

Token 4: æ (prob: 0.2513)

Token 5: t (prob: 0.2132)

reset	ris t	ræsæt
sunder	s nd	sændæ
bartender	b rt ndær	bænd
undervalue	ndærvælju	sæləl
extraneous	k stre niæs	æsææ
clothes	klo ðz	klæ
change	t e nd	ðæ
analytical	ænəl t kəl	æl
icicle	a s kəl	wæææ
inflict	nfl kt	kæf l
official	əf əl	sæl
visor	va zə	vævæ
astern	əst rn	wæðær
desirous	d za rəs	d sæt
plenary	plin ri	plæm
pugnacious	p gne əs	pægeæ
long	l ŋ	lær
knock	n k	kækən
forefront	f rfr nt	væl
vegetable	v d tæbəl	væ ə
interrogatory	ntəro ət ri	ækgæ
persecute	p rs kjut	præsk
payer	pe ər	pær
solicitor	sæl s tər	slæə
fop	f p	fæə
compunctious	kəmp ŋk əs	kəmpæ
asbestos	æsb st s	æbə
thenceforth	ð nsf r	ðæf
provocation	pr vəkə ən	pœæfæ
jacoseness	d əko snəs	d ægæ
diverse	da v rs	dæ
sophistry	s f stri	sævəl

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.7287)

Token 1: l (prob: 0.6521)

Token 2: æ (prob: 0.6687)

Token 3: (prob: 0.1779)

Token 4: t (prob: 0.3092)

Token 5: t (prob: 0.2665)

planter	plæntər	plæt
inapplicable	næpl kəbəl	æpl
bulkiness	blkinəs	blæk
arraignment	ərənmənt	hæmən
dedicator	ddke tər	dæ
biliteral	bal tərəl	brækəæ
mercenary	mærsən ri	mæ
stretch	str t	skæ
disregard	dsrg rd	dsær
nowadays	na ə de z	ædæ
health	hl	hæl
pretend	pr tnd	præm
interminable	nt rm nəbəl	kæb
jetsam	d tsəm	d ænəm
aftercrop	æftərkr p	wæsæ
naivete	na i vte	ræv
triangularity	tra æŋgjulər ti	træŋəl
musketeer	m skə t r	mæsæ
kernel	k rnəl	ræl
cram	kræm	kræən
centigrade	s ntəgre d	sægər
contentious	kənt n əs	kætæ
feel	fil	fæl
profound	prəfa nd	prfæ
mysterious	m st riəs	mæsəæ
remind	r ma nd	mæmæ
membership	m mbər p	mbə
quiveringly	kw vər ŋli	kənfeæ
pulley	pli	dæl
motto	m to	mæt
physician	f z ən	sæd
tractile	trækta l	ræl

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.7227)

Token 1: æ (prob: 0.4079)

Token 2: æ (prob: 0.4953)

Token 3: æ (prob: 0.3655)

Token 4: r (prob: 0.3084)

Token 5: l (prob: 0.2238)

pant	pænt	pærl
armistice	rm st s	ærəs
treachery	tret əri	kræpææ
retrospective	r trə sp kt v	mæ
patch	pæt	bæt
spade	spe d	bæd
finger	f ŋgər	fæ
sublease	s blis	slæ

wink	w ŋk	sæŋ
provincial	præv n əl	prævæ
aroma	əro mə	hærmn
magniloquent	məgn ləkwent	æərə
oath	o	æðæ
monograph	m nəgræf	mæs
reopen	rio pən	ræpæp
calculative	kælkjəle t v	kæləv
unction	ŋk ən	kæŋ
nevermore	n vər m r	ævl
dent	d nt	dənt
slovenliness	sl vənlines	læv
cerebral	sə ib əl	hæbəl
pedagogical	p dæg d kəl	kægə
concordant	kənk rdənt	kəd
appointee	əp nti	kə
daisy	dezi	d sæt
testatrix	t stətr ks	tæt
likelihood	la klih d	ræf
gingerly	d ndərli	vævæ
packet	pæk t	pæ
solvable	s lvəbəl	sæb
auburn	bər n	hæbæ
snub	sn b	wæb

Raw prediction sequence (first 10 tokens):

Token 0: m (prob: 0.3754)

Token 1: æ (prob: 0.3353)

Token 2: p (prob: 0.3299)

Token 3: æ (prob: 0.2193)

Token 4: æ (prob: 0.2433)

Token 5: æ (prob: 0.2092)

imprudence	m prudəns	mæpæ
suave	sw v	hæf
upward	pwərd	æd
foreclosure	frklo ər	fæləæ
solvency	s lvənsi	sælfəv
alas	əlæs	wælæ
inlaid	nle d	ləd
aigret	e gr t	ækən
contraction	kəntɹækt ən	kənsæ
angular	æŋgjələr	ækəl
caloric	kəl r k	kæræən
gag	gæg	kæk
telephone	t ləfo n	sæf
miserable	m zərəbəl	mæə
agitation	æd te ən	æfæ
theorist	iə st	læræ

body	b di	bæ
horticultural	h t k lt ə ə l	tæməə
crow	kro	gæ
competency	k mp tɛnsi	kænpæ
circumspect	s rkæmsp kt	kærpæp
blush	bl	plæs
sluice	slus	sæl
romancer	ro mæns	æmə
befit	b f t	bæt
tyrant	ta rɛnt	særət
lava	l və	ræv
ostentation	st nte ən	hærtæ
elucidate	lus de t	sæwd
intermingle	ntɛrm ŋgəl	æŋ
court	k rt	gæt
coaxer	ko ksər	kæər

Raw prediction sequence (first 10 tokens):

Token 0: d (prob: 0.4855)

Token 1: æ (prob: 0.2878)

Token 2: æ (prob: 0.3535)

Token 3: m (prob: 0.2454)

Token 4: ə (prob: 0.1871)

Token 5: æ (prob: 0.1718)

delicatessen	d l kæt sən	dæməə
ignominous	g n m nəs	gæən
giddiness	g dīnəs	gæd
pyrography	pa r grəfi	pæ
glint	gl nt	kræd
unsuccessful	nsɛks sfəl	kæsəl
habitation	hæb te ən	hæbæt
flatness	flæt nəs	flæt
halo	he lo	hæl
journalist	d rnəl st	d æ
vulcanize	v lkənaiz	vælkæ
decrepitude	d kreptud	d kæ
swim	sw m	sən
slander	slændər	slætd
imperturbability	mpər t rbə b ləti	mpæ
caterer	ke tərər	kætə
attest	ət st	tæt
boaconstrictor	bo əkənstr ktər	bæt æ
redress	id s	kædæ
forsooth	frsu	fæər
jeer	d r	d æ
beggar	bgər	bægæ
areometer	ri mətər	hærmən
deponent	d po nɛnt	d sæpt

cavil	kævəl	kævəl
multiformity	mlt frm ti	kænfəæ
deceivable	d sivəbəl	d sæə
biography	ba əfi	brær
bright	br t	bræn
amenable	əm nəbəl	æmæp
substitution	s bst tu ən	fæt
manageability	mæn d ə b ləti	mæə

Raw prediction sequence (first 10 tokens):

Token 0: m (prob: 0.3754)

Token 1: m (prob: 0.5681)

Token 2: æ (prob: 0.3754)

Token 3: æ (prob: 0.3778)

Token 4: æ (prob: 0.2370)

Token 5: t (prob: 0.2617)

amend	əm nd	mæt
trinity	tr n ti	kæd
clash	klæ	klæt
gait	ge t	gæt
acceptance	əks ptəns	æðə
reason	rizən	læt
drag	dræg	də
swath	sw	fæn
fend	f nd	fæðəd
cooper	kupər	kæə
malevolence	mə l vələns	mræ v
fort	f rt	fæðr
operator	pəre tər	prætæm
hermit	h rm t	hæmæ
convenient	kənvinjənt	kævər
humanity	hju mænəti	sæŋkəl
keeper	kipər	kænfəæ
discontinue	d skənt nju	d kæd
insolence	nsələns	slæt
honorary	nə r ri	hæmər
aspirate	æspərət	əæbə
assemblage	əs mbl d	wælæə
trapeze	trəpiz	kæp
predication	pr d ke ən	prædæ
blandly	blændli	blæ æ
fed	f d	fæd
chrysanthemum	kr sən əməm	kæəm
stifle	sta fəl	wæ fəl
propitiation	prəp ie ən	prpæ
academy	əkædəmi	kæəm
gauntlet	gntlæt	kæt r d
truthful	tru fəl	græv

Raw prediction sequence (first 10 tokens):

Token 0: w (prob: 0.3568)

Token 1: æ (prob: 0.6747)

Token 2: l (prob: 0.5897)

Token 3: l (prob: 0.6772)

Token 4: l (prob: 0.4522)

Token 5: l (prob: 0.1885)

well	w l	wæl
defective	d f kt v	dæfæf
asset	æs t	hæ t
nice	na s	mæn
recovery	r k vəri	rævøv
squall	skw l	kæl
blameful	blæ mfəl	plæ æ
mechanic	mækæn k	mæ
unison	jun sən	skæən
penniless	p n l s	pæ l
reversion	r v r ən	rævæ
abstinence	æbst nens	bæ
yeomanry	jo mænri	hæmən
redde	r dən	mædæ
censorship	s nsər p	kæə
domicile	d m sa l	dæl
tidal	ta dəl	tædæ
bare	b	mædæ
trumpery	tr mperi	træmp
quartermaster	kw rterməstər	kəntæ
brighten	bra tən	bræðæ
recant	r kənt	mækæd
laboratory	læbrət ri	ræbræ
larcenous	l rsənəs	rækæ
diary	da əri	dæl
intimation	nt me ən	dæ
drover	drə vər	dæræv
penalize	pinəla z	p æ
marriage	mæ r d	mæd
consistent	kəns stənt	kæt
fiddle	f dəl	sædəl
aliquot	æləkw t	hæ kæ

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.9109)

Token 1: æ (prob: 0.4038)

Token 2: r (prob: 0.2608)

Token 3: æ (prob: 0.2910)

Token 4: ə (prob: 0.2696)

Token 5: æ (prob: 0.1505)

kumiss	kum s	kærææ
ruffian	r fiən	æfæt
preferential	pr fən əl	prfæ
magnetization	mægnəta ze ən	mætæ
writhe	ra ð	læər
spiral	spa rəl	d ækəl
xylic	za l k	sæð
doxology	d ks ləd i	d æ
grittiness	gr tines	kæt
vitalization	va təla ze ən	væəl
mutilate	mjutəle t	læəl
bet	b t	bæ t
yearn	j rn	kæn
maturity	mæturəti	mæ t
destroy	d str	dæsə t
oracular	rækjələr	mækææ
sassafras	sæsəfræs	sæpræ
alabaster	æləbəstər	ærb
hunch	h nt	sæləf
zither	z ðər	sæ ð
parcel	p rsəl	præsəl
fringe	fr nd	frætə
poesy	po əsi	pæ
impersonal	mp rsənəl	mpæ
burlap	b rləp	bæləl
support	səp rt	æfəræ
necktie	n kta	mæntæ
magnet	mægnət	kæft
lifetime	la fta m	ræd
downright	da n a t	dæræ
elocutionist	ləkju ən st	ækæ
coffin	k f n	kæfəf

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.6919)

Token 1: r (prob: 0.6132)

Token 2: æ (prob: 0.5980)

Token 3: m (prob: 0.2905)

Token 4: æ (prob: 0.1942)

Token 5: æ (prob: 0.2272)

pronounce	prəna ns	præmæ
importune	mp rtun	ræprd
packer	pækər	pætæ
assailant	əse lənt	wæld
tanner	tənər	wæ tn
disinclination	d s nklə ne ə n	d sət
cruelty	kruəlti	kræəl
ballast	bæləst	bæ l

amateur	æmæt r	mæ ð
rasp	ræsp	ræp
rectify	r kt fa	ædæ
sensibility	s nsə b l ti	kænæəb
offender	əf ndər	æfæ
spatter	spætər	pæt
normal	n rməl	æməæ
expedite	kspədə t	pədəæ
chimeric	ka m r k	kæməær
accommodation	ək mæde ən	kəd
departure	d prt ər	d pæn
restorative	r st rət v	ræt
intuition	ntu ən	mæt
revocation	r vəkə ən	ndæ
hopeful	ho pfəl	sæv
socialism	so əl zəm	wæsər
satirical	sət r kəl	sæg
flume	flum	flæm
patentee	pe tənti	tæməæ
astronomy	ə str nəmi	sæstəm
spearmint	sp rm nt	d ələl
birch	b rt	bæræf
subhead	s bh d	sæd
calamitous	kæləm təs	kælæ

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.8558)

Token 1: r (prob: 0.3549)

Token 2: æ (prob: 0.5610)

Token 3: æ (prob: 0.4147)

Token 4: (prob: 0.3440)

Token 5: (prob: 0.1729)

pride	pra d	præ
clangor	klæŋər	klæn
gaudy	g di	gæd
slow	slo	sælə
pathetic	pə t k	pætæ
thump	mp	tæmə
adjective	æd kt v	fæ
extenuate	kst njue t	stæn
festivity	fest v ti	sæf
disgrace	d sgre s	d græ
kaiser	ka zər	kæsər
discomposure	d skəm po	d sæə
originality	ər d ənəl ti	ræpəl
laziness	le zinəs	mæ
ally	ələ	ələ
hyena	ha inə	hækən

drum	dr m	dæ
tungsten	t ŋstən	gæt
postmark	po stm rk	præŋk
prophecy	pr fəsi	præf
concurrency	kənkrənsi	kæmə
auditor	d tər	ædæ
newspaper	nuzpe pər	kəp
octagon	ktəgn	kədæ
detective	dt kt v	dəsə v
turmoil	t rmo l	stmə
occasion	əke ən	kəsə
wedded	w dd	wəd
tenancy	t nənsi	dæmæp
tricolor	tra klər	ækəl
foulard	ful rd	fləd
productive	prəd kt v	pændæ

Raw prediction sequence (first 10 tokens):

Token 0: g (prob: 0.7054)

Token 1: æ (prob: 0.3928)

Token 2: æ (prob: 0.5257)

Token 3: æ (prob: 0.5284)

Token 4: æ (prob: 0.3402)

Token 5: r (prob: 0.2466)

alkali	ælkəla	gær
prolong	prəl ŋ	præl
malleable	mæliəbəl	mæə
vicar	v k	væl
transmit	trənzmt	prækəə
gruel	ruəl	gær
survivor	sərvajvər	səvər
ruffler	r flər	æfəræ
cavalier	kævəl r	kævəl
ancient	e n ənt	ənəət
woodpecker	w dp kər	əndtæ
thaw		ðær
tuberculosis	tub rkjəlo s s	əbæk
dynamite	da nəma t	dæə
next	n kst	mæz
septum	s ptəm	wæ ə
momentary	momə nt ri	kær
predilection	p id l k ən	prdəm
causticity	k st sėti	kæt
platinum	plæt nəm	prætæ
shimmer	mər	ætmæ
malignant	mæl nənt	mæn
upstairs	pst rz	hæp
muster	m stər	mæsæt

unbound	nba nd	æb
elixir	l ksær	ræsææ
cull	k l	kæel
grumble	r mbæl	gææ
sort	s rt	fæt
greedy	g i di	kræt
ritual	r t uæl	ætæel
chum	t m	d æm

Raw prediction sequence (first 10 tokens):

Token 0: m (prob: 0.4910)

Token 1: æ (prob: 0.5043)

Token 2: n (prob: 0.1978)

Token 3: d (prob: 0.5479)

Token 4: d (prob: 0.2501)

Token 5: æ (prob: 0.2649)

godlike	g dla k	mændaæ
intelligence	nt l d æns	mæd
abstraction	æbstræk æn	bæ
pod	p d	bæd
acquisition	ækw z æn	kæz
emanation	mæne æn	mns
recreant	r kriænt	mæt
acceptability	ækseptæb læti	kææb
bitterness	b tær n s	bæn
series	s riz	æ
tournequet	t rn ke	tækæ
whim	w m	fæm
convincible	kænvn sæbel	kænvææ
crunch	kr nt	kræt
dodge	d d	dæsæd
immorality	mæælæti	kææt
temporary	t mper ri	dæmpæ
mandate	mænde t	mæd
undertow	ndæto	knvææ
solemnity	sæl mnæti	flææ
saturate	sæt ære t	tætræ
certification	s rtæfæke æn	hæf
fleece	flis	flæ
plaster	pl stæ	plæs
bend	b nd	bæ
apart	æp rt	ææpææ
optimistic	pt m st k	wæmæ
attune	ætun	wæð
itch	t	hæ
belt	b lt	blæd
almost	lmo st	hæmæn
councilor	ka nsælær	kænsææ

Raw prediction sequence (first 10 tokens):

Token 0: d (prob: 0.8924)

Token 1: (prob: 0.5433)

Token 2: s (prob: 0.2005)

Token 3: æ (prob: 0.3001)

Token 4: s (prob: 0.2017)

Token 5: s (prob: 0.2869)

intimacy	nt mæsi	d sæs
inexpedience	n kspidiəns	æpæt
homily	h m li	hæmæ
weep	wip	wæbæb
trenchant	tr nt ənt	ræ f
languid	læŋgw d	læræ
intercession	ntərs ən	hæ s
bible	ba bəl	pæp
oriole	io l	ræl
cobble	k bəl	kæbæb
woof	w f	kæfəv
preoccupation	pri kjepe ən	ræp
whosoever	huso vər	hæv
lampoon	læmpun	læp
releasable	r lisəbəl	rælə
genteel	d ntil	pæntæ
jinrikisha	d nr k ə	d æst
national	næ ənəl	ræ əl
cloister	kl stər	klæst
souvenir	suvən r	sæv
locomotion	lo kəmo ən	mæəæ
appraise	əpre z	æ
rally	ræli	læəl
secretion	s kri ən	sæŋkə
tocsin	t ks n	gæ
assignor	ə sa nər	hæ r
uncivil	ns vəl	wæv
hereditary	hær dəteri	wædæ
arrow	æro	kæræ
boon	bun	bæn
involve	nv lv	kævl
guilty	g lti	gæt

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.3635)

Token 1: æ (prob: 0.4133)

Token 2: æ (prob: 0.4767)

Token 3: k (prob: 0.2333)

Token 4: ə (prob: 0.2809)

Token 5: r (prob: 0.1579)

trammel	træmæl	sækær
simile	smæli	sāmæn
periodical	pri d kæl	pærdæ
oil	l	wæləl
advertisement	ædv ta zmənt	ævæ
sundry	s ndri	hændææ
frigidness	fr d dnəs	særfæ
flurry	fl ri	flæ
angry	æŋgri	æŋkær
prohobit	pro h b t	sæbæb
hearse	hærs	hærel
quorum	kw rəm	kæræəm
alaska	əlæskə	sæ
acetic	əsit k	hæsa
feeble	fibəl	hæp
hostile	h stal	hærl
scene	sin	sæð
cell	sl	hæl
scarify	sk r fa	srækæ
carpet	k rp t	kræbæ
volution	vəl u ən	vælæ
reiteration	ri tære ən	læeræ
devote	d vo t	d ft
famous	fe məs	færðææ
hark	h rk	hæm
hammock	hæmæk	hæmən
organize	rgəna z	hægn
unused	njuzd	mæær
instigate	nstøge t	kæən
presentiment	pr z nt mēnt	præræ
millenarian	mlən riən	mææt
deputize	dpjuta z	dsæt

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.8770)
Token 1: r (prob: 0.4169)
Token 2: æ (prob: 0.5618)
Token 3: æ (prob: 0.1994)
Token 4: <blank> (prob: 0.1736)
Token 5: k (prob: 0.2145)

broncho	br ŋko	bræk
divulge	da v ld	kænpl
bestow	b sto	bæt
hull	hl	hæl
villa	vlə	vælæ
clutch	kl t	kælf
shiver	vər	sæv
challengeable	t ælənd əbəl	fælæp

yardful	j r d f u l	s æ d
undersign	n d ɜ s a n	æ r æ
mock	m k	m æ t
naphthol	n æ f l	r n f æ
terminate	t r m n e t	s æ m æ
incentive	n s n t v	k æ d æ
decollete	d e k l ɛ t e	d æ l
tansy	t æ n z i	s æ k æ n
ordinate	r d n ɛ t	æ æ t
front	f r n t	v æ t
visitation	v z t e ə n	v æ s
recite	r s a t	r æ t
nationalist	n æ ə n ə l s t	s æ p l
draw	d r	d æ
capacious	k æ p e ə s	ə æ p æ
outlook	a t l k	w æ l æ
carbonaceous	k r b ɛ n e ə s	k ɛ m p æ
resentful	r z n t f l	r æ s t æ
condemnable	k ɛ n d m ɛ b ə l	k æ n d æ
balcony	b æ l k ɛ n i	p æ r m
fermentation	f ɛ r m ɛ n t e ə n	f æ r m æ
resile	r z a l	r æ s ə l
homonymous	h ɛ m n ɛ m ə s	m æ r
broaden	b r d ɛ n	b r æ ð ɛ d

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.2800)

Token 1: b (prob: 0.3645)

Token 2: b (prob: 0.2791)

Token 3: ə (prob: 0.3039)

Token 4: ə (prob: 0.2094)

Token 5: n (prob: 0.1797)

absolute	æ b s ə l u t	æ b ɛ n
vocation	v o k e ə n	f æ s ə æ
unlawful	n l f ə l	l æ f
voyage	v d	f æ
with	w ɪ	h æ
extricate	k s t r k e t	s æ s k ə æ
sing	s ɪ ŋ	æ ŋ
matchable	m æ t ə b ə l	r æ d
quarter	k w ɜ t ɜ r	k æ t d
germinate	d r m n e t	d æ m æ
acme	æ k m i	æ k æ n
fright	f r a t	f r æ
thrash	r æ	t r æ t
imputation	m p j u t e ə n	m p æ
surplice	s ɜ p l s	æ p l æ
guitar	g t ɜ r	g æ t

depreciation	d pri ie ən	d spæ
streak	strik	stræk
risibility	r zəbləti	rəsæəb
frequency	frikwənsi	fræk
brimful	br mfl	bækeə
investigator	n v stə ge tər	vægə
police	pəlis	pæl
window	w ndo	sænd
pauperism	p pər zəm	bæəl
chowder	t a dər	fæd
fad	fæd	fæd
crept	kr pt	kræt
hermetical	hərmet kəl	ræt
wharf	w rf	wæv
immense	m ns	æmn
copyist	k pi st	kændæ

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.8060)

Token 1: r (prob: 0.5742)

Token 2: æ (prob: 0.4120)

Token 3: æ (prob: 0.1624)

Token 4: t (prob: 0.2057)

Token 5: t (prob: 0.1592)

preeeeminence	pri mnəns	præt
wagon	wægən	wækə
grisly	gr zli	gæs
deliverer	dl vərər	dræ
fuzzy	f zi	fæt
chivalry	vəlri	hævæv
bag	bæg	bæk
snugness	sn nəs	sægə
accidental	æks dntəl	æksæəl
asceticism	əs t s zəm	wæst
drudge	dr	dəræd
canonical	kən n kəl	kænkəə
ambulance	æmbjələns	kæmpə
vacuity	vækjuəti	vərter
teach	tit	wæd
sad	sæd	sæd
renowned	r na nd	rænd
fatalism	fe təl zəm	fəræəə
lobby	l bi	ræb
codicil	k dəs l	kntæl
feline	fil n	rælə
polytechnic	p lit kn k	plætə
referable	r f rəbl	ræd ə
rigor	r gər	rægə

stateroom	ste trum	tæm
sinister	s n stər	mæt
portico	p rt ko	pæntæ
muse	mjuz	mæs
fuel	fjuəl	fæl
vow	va	væ
simper	s mper	ræmp
gratification	grætəf ke ən	græt

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.3173)

Token 1: m (prob: 0.3478)

Token 2: m (prob: 0.7084)

Token 3: m (prob: 0.3531)

Token 4: æ (prob: 0.2458)

Token 5: æ (prob: 0.1637)

administrator	ædm n st e tə	æmæ
ineffectuality	nəf kt uələti	knfæl
masculinity	məskjəl n ti	mæsəæ
audit	d t	hæd
workhouse	w rkha s	lækæ
prenatural	prinæt ərel	prædtæ
steer	st r	wærtæ
xanthine	zæn in	sæð
otherwise	ðərwa z	ænkæ
regalia	r ge liə	mægær
harvester	h rvəstər	hærfa
nationalize	næ ənəla z	tpæ
slide	sla d	slæd
dilute	da lut	dælæ
brutalize	brutəla z	bræðər
resource	riz rs	ræt
luminory	luminəri	ræəən
distinction	d st ŋk ən	d sæt
rebellious	r bl jəs	ræbl
atlantic	ætlænt k	tæææ
seldom	s ldəm	hæld
assayer	əse ər	hæ r
pencil	p nsəl	pæ əl
scourge	sk rd	græd
blown	blo n	blæt
rosemary	ro zməri	wæsmææ
pitiful	pt fəl	pæt
dominance	d m nəns	dæmæ
hopeless	ho pləs	sælpəl
check	t k	t æŋk
intrigue	ntrig	kæŋgæ
trustworthy	tr stw rði	sræ æ

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.9377)

Token 1: æ (prob: 0.4957)

Token 2: æ (prob: 0.4556)

Token 3: æ (prob: 0.5554)

Token 4: æ (prob: 0.3303)

Token 5: t (prob: 0.2646)

bother	b ðær	bæt
fineness	fa nn s	fæðem
intruder	ntrudær	rædæ
sociable	so æbæl	hæb
affiliate	æflie t	æræ
reanimate	riænæme t	rærmæn
inscribe	nskra b	kænæær
massage	mæs	mæsæt
director	dær ktær	dægæ
judicious	dudi æs	pætæ
rehabilitate	riæbl te t	ræbææ
periphery	pæ fæ i	pærfæ
toxic	t ks k	dæn
vice	va s	væ
chubby	t bi	hæb
speed	spid	bæd
opposition	pæz ən	epæ
apple	æpæl	epł
banish	bæn	pæ
patrolman	pæ tro lmæn	pæl
shred	r d	hræd
luxuriance	l g riens	lækæfæ
foam	fom	vøm
amaze	æme z	smæt
digit	dd t	dæsæ t
synonym	s næn m	sæmøl
voltage	volt d	vlø
versify	v rs fa	væd
phlegmatical	fl gmæt kæl	flækæ
elision	l ən	rlæt
hide	ha d	wæd
divest	da v st	dæfæ

Raw prediction sequence (first 10 tokens):

Token 0: r (prob: 0.2227)

Token 1: æ (prob: 0.5983)

Token 2: æ (prob: 0.3763)

Token 3: v (prob: 0.4695)

Token 4: v (prob: 0.6928)

Token 5: v (prob: 0.5774)

anniversary	ænəv rsəri	ræv
membranous	m mbrənəs	mpbæ
reprehension	r pr h n ən	ræpræ
nip	n p	kæp
copper	k pər	kæpəl
anarchy	ən rki	kæ
trooper	trupər	tæp
mutinous	mju ənəs	mædæ
fitter	f tər	fæðər
respector	r spektər	ræsəæ
ox	ks	kæ z
conciliate	kən s li e t	kæləæ
carbonization	k rbəna ze ən	kæmbæ
installation	nstəle ən	sətæ
porous	p rəs	pæ
twig	tw g	tæðg
halibut	hæl bət	wæləb
homage	m d	klæd
bark	b rk	bæn
impracticability	m prækt kə b ləti	msælə
stamp	stæmp	dæmæə
mansion	mæn ən	mæmæ
adolescent	ædəl sɛnt	dæ
imminent	m nɛnt	hæm
alibi	æləba	ærb
genesis	d nə s s	d æ
morning	m rn ŋ	mæmn
forgive	fr v	fægæ
complimentary	k mpləm ntəri	flæ
spangle	spæŋgəl	d ænəl
would	w d	dæ
vocabulist	vo kæbj l st	væb

Raw prediction sequence (first 10 tokens):

Token 0: h (prob: 0.3607)

Token 1: æ (prob: 0.4453)

Token 2: æ (prob: 0.2707)

Token 3: d (prob: 0.3721)

Token 4: d (prob: 0.3557)

Token 5: d (prob: 0.2528)

fichu	fi u	hæd
mathematician	mæ æmæt ən	mætæ
linger	l ŋgər	læn
rationalism	ræ ənəl zəm	æpæ
literally	l tərəli	ræərə
unconquerable	nk ŋk əbəl	mæk
fable	fe bəl	hæp
increment	nkrəmənt	kærðən

squabble	skw bəl	sɒp
visual	v uəl	væəl
depth	d p	d pæt
derelict	d rəl kt	də
stimulant	st mjələnt	dæə
concentrative	k nsəntret v	kəsə
denial	d na əl	dæl
thin	n	ðæn
plebeian	pl biən	slb
detain	d te n	də
ulterior	lt riər	tæəl
earth	r	wæl
uncharitable	nt ær təbəl	sæə
regardless	r grdləs	fælə
electrum	l ktrəm	slæəə
postoffice	po st fəs	pə
upright	pra t	sælə
socket	s kt	sɛməə
spruce	sprus	pərə
formula	frmjələ	fækəl
aggress	ə r s	æ
wear	w r	hær
unfeigned	nfe nd	sævəd
bride	bra d	bəd

Raw prediction sequence (first 10 tokens):

Token 0:	r (prob: 0.5554)	
Token 1:	æ (prob: 0.6133)	
Token 2:	v (prob: 0.3054)	
Token 3:	v (prob: 0.3808)	
Token 4:	v (prob: 0.5974)	
Token 5:	v (prob: 0.4858)	
leave	liv	ræv
capful	kɒpf l	mæd
litigate	l t ge t	lætæt
snobbishness	sn b nəs	kɒbə
deign	de n	tæ n
casualism	kə uəl zəm	kwæsər
arduous	rdjuəs	sɛntə
mainland	me nlænd	ðæt
redundancy	r d ndənsi	wədæ
daughterinlaw	d tər nl	dæm
blouse	bla s	blæt
mail	me l	mær
warmth	w rm	hæmər
rule	rul	ærl
sightless	sa tl s	stəl
windiness	w ndinəs	hærdæ

shipment	pment	sæ
pragmatic	prægmat k	præmæ
baccalaureate	bækæl riæt	ebæ
cant	kænt	kæt
satin	sætən	wæðən
uniformness	jun f rmnəs	kænfæ
unload	nlo d	læd
gas	gæs	ð s
model	m dəl	kændæ
sloop	slup	hlæp
cover	k vø	wæv
reservoir	r zærvw r	ræv
clearer	kl rær	kræk
inane	ne n	kæt
toad	to d	tæd
sudden	s dən	hæn

Raw prediction sequence (first 10 tokens):

Token 0: (prob: 0.2548)

Token 1: æ (prob: 0.2882)

Token 2: d (prob: 0.2788)

Token 3: (prob: 0.2921)

Token 4: æ (prob: 0.2968)

Token 5: k (prob: 0.2090)

rebuke	r bju k	æd æk
drove	dro v	dæræv
phonology	fənələ i	færææ
light	la t	læ
magnifiable	mægn fa əbəl	kænæ
thereon	ð r n	ræmæ
furl	f rl	fæl
prosy	pro zi	præs
disparage	d spæ d	æ v
maghagony	mæh gəni	kægə
tripe	tra p	træp
triformity	tra frm ti	ræf
asphyxiation	æsf ksiei ən	sæfæs
religious	r l d əs	klæd
sold	sold	hæld
innervate	n rve t	æøv
decamp	dikæmp	d knæ
daring	dr ŋ	dæs
circumscriptive	s kæmsk pt v	ærkæ
lance	læns	læ
egotistical	igo t st kəl	æ
verbiage	v rbi d	væ ə
singularity	s ŋgjlær ti	sæŋjæl
gregarious	gr gr iəs	gææt

desultory	d sɛlt ri	d sɛə
vermicelli	v rm sɛli	v əgə
adaptation	ædæpte ən	stæpt
welfare	w lf	læfv
impecunious	mp kjuniəs	mæpæk
november	no v mbər	sæv
inundation	n nde ən	kæd
lessee	l si	læsə

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.4847)

Token 1: t (prob: 0.3178)

Token 2: æ (prob: 0.2444)

Token 3: l (prob: 0.1994)

Token 4: l (prob: 0.3151)

Token 5: l (prob: 0.4316)

unsettled	ns tɛld	stæl
relevance	r lɛvəns	sɛləv
flow	flo	fælə
bargain	b rgən	bægəm
sharpen	rpən	sæp
basal	be səl	pər
peruser	pɛru zər	pəs
billiard	bl jɛrd	blæd
madden	mædən	mæ
burglar	b rglər	bægər
refinement	r fa nmənt	ənfəm
diffusion	d fju ən	d fæ s
unify	jun fa	træ f
conclave	k nkɫe v	græ v
stair	st r	sətə
philosophize	fɛ l sɛ fa z	fælæf
pernicious	pɛ n ɛs	præ
chronic	kr n k	kæmɛə
timekeeper	ta mkipər	dæmt
antagonist	əntə ən st	əsæk
coronet	k rən t	kæ
commercialism	kɛm r əl zəm	kəsə
softness	s ftnəs	wæfər
thankless	æŋkləs	tæl
stuffiness	st finəs	hæfə
copulate	k pjule t	kæpəə
artful	rtfɛl	hæf
boycott	b kt	bætəm
constituency	kɛnst t uənsi	kækə
also	lso	hæ
heritage	h rt d	ræ d
ramification	ræm f ke ən	ræəə

Raw prediction sequence (first 10 tokens):

Token 0: r (prob: 0.5148)

Token 1: æ (prob: 0.5328)

Token 2: d (prob: 0.1766)

Token 3: d (prob: 0.1625)

Token 4: (prob: 0.1732)

Token 5: d (prob: 0.1637)

illegitimate	ləd tēmət	rəd d
efficient	f ənt	æfəs
venom	v nəm	værməm
homeliness	ho mlines	hmæt
mannerism	mænər zəm	mə
pontoon	p ntun	pændə
stick	st k	stægn
squeamish	skwim	gkæm
fray	fre	fræ
assail	əse l	wæl
corpulent	k rpjulənt	kæmpl
horography	h r grəfi	hlsæ
turncoat	tərnkə t	stækæ
accrue	əkru	ækræ
incisive	nsə s v	wæt
stutter	st tər	sært
impoverish	mp vər	ræ ə
accentuation	æks nt ue ən	kæl
retail	rite l	lætə
legislature	ld slet ər	læ
cup	k p	kæp
grammarian	grəm riən	grææ
millionaire	mljəne r	mæl
amuse	əmjuz	ænkjæ
thickness	knəs	kəs
hard	h rd	hæt
chainlet	t enlēt	tætlæ
sword	sw rd	wæd
carol	kærəl	kæræər
annual	ænjuəl	æl
adjustable	əd stəbəl	sæd
computation	k mpjute ən	kæpæ

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.9480)

Token 1: æ (prob: 0.4364)

Token 2: æ (prob: 0.2787)

Token 3: p (prob: 0.2255)

Token 4: ə (prob: 0.2673)

Token 5: æ (prob: 0.1482)

cuba	kubə	kəpəə
beech	bit	bæt
deplorable	d pl rəbəl	tæə
facility	fə s ləti	fæ ə
gesticulate	d st kjule t	d ənə
plot	pl t	plæt
sorority	sərɔr ti	fækə
dodger	d dər	dæsd
duration	d re ən	dərə
mistakable	m ste kəbəl	mæəb
quality	kw ləti	gt
promontory	pr mənto ri	prəməə
competitive	kəmp tət v	kəntət
fret	fr t	fræt
extract	ekstrækt	wæsk
hair	h r	hæsəl
untraveled	n trævəld	əv
upkeep	pkip	pətə
faucet	f sət	fæ
ignoble	gno bəl	gæəb
contour	k nt r	kənt r
breathlessly	br ləsli	brækər
lexicology	l ks kləd i	ləsə
guzzle	g zəl	gəsər
wrangler	ræŋglər	sæŋkəl
coiffure	kw fj r	kənsəə
motherliness	m ðərln s	ðər
civilian	səv liən	væt
gild	g ld	gəl
recur	r k r	rækər
frantically	frənt kli	fræk
lame	le m	læðər

Raw prediction sequence (first 10 tokens):

Token 0: h (prob: 0.2746)

Token 1: ə (prob: 0.5239)

Token 2: ə (prob: 0.3747)

Token 3: ə (prob: 0.2527)

Token 4: (prob: 0.1518)

Token 5: (prob: 0.1336)

passenger	pəsənd ər	hæ
mollify	m l fa	kəlf
pasturage	pæst ər d	pərə
flexible	fl ksəbl	slæə
gratitude	græt tud	græt
meaningless	min ŋləs	mæəl
invigorate	nv gərə t	kənfrə
dishonor	d s n	d sæŋk

impotent	mpetənt	mpæə
dude	dud	dæd
foreordain	f r rde n	færdæ
terrecetrial	t əs t iəl	træə
bicker	b kər	bæn
knee	ni	mæn
incomplete	nkəmplit	mækæp
appreciable	əpri iəbəl	pæpæ
rivet	r v t	ræv
wherefore	w r f r	hæl v
undeviating	ndivie t ŋ	d pæt
dyspepsia	d sp psie	tæb
ineffectual	n f kt uəl	d ækæ
inertness	n rtnəs	kætæ
contumacious	k ntju me əs	ænæ
pharmacy	f məsi	vætæ
week	wik	wæ
romance	o mæns	ræmən
foreigner	f rənər	fæən
clank	klæŋk	klæŋ
prideful	pra dfəl	præt
electricity	l k tr s ti	wæləs
chaotic	ke t k	kæsə
winged	w ŋd	hærd

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.3134)

Token 1: b (prob: 0.5409)

Token 2: b (prob: 0.2630)

Token 3: æ (prob: 0.2059)

Token 4: æ (prob: 0.1601)

Token 5: æ (prob: 0.1963)

abundance	əb ndəns	æbæ
janitor	d æn tər	d ænəm
barbarian	b rbeəriən	bæb
sleeper	slipər	slææə
mason	me sən	mæ
gladness	lædnəs	gæt
basket	bæsk t	bæt
virtuous	v rt uəs	værtær
porpoise	p pəs	præ
absolve	æbz lv	ææn
beacon	bikən	pæn
donkey	d ŋki	d æŋæ
pester	p stər	bæ
vatican	væt kən	fæ ræə
definable	d fa nəbəl	dæ
natural	næt ərəl	wætən

consolation	k nsøle ən	tælæl
coke	ko k	kwæk
seclusion	s klu ən	sæk l
dignity	d gn ti	d sərə
steadiness	st dines	də
auxiliary	gz ljəri	hælæl
masticate	məst ke t	mə
undaunted	nd ntəd	dædə
spasmodic	spæzm d k	pər l
aegean	i di ən	və
alcohol	ælkə h l	hækə
turk	t rk	tækə
almighty	lma ti	ræt
recede	r sid	wəd
mystical	m st kəl	məstə
effervescent	fərv sɛnt	hæf

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.4284)

Token 1: t (prob: 0.5227)

Token 2: æ (prob: 0.2606)

Token 3: æ (prob: 0.3755)

Token 4: æ (prob: 0.2413)

Token 5: k (prob: 0.2106)

stricken	str kən	stæk
blench	bl nt	blæt
popularization	p pjələreze ən	pəp
amazon	æməz n	stmə
contuse	kəntuz	kəntə
fungi	f nd a	hæfə
commend	kəm nd	kænd
survey	sərve	sæv
separate	s pərət	həpər
gluttonous	gl tənəs	klæt
importance	m p rtəns	məpəp
gammon	gæmən	kwæn
largest	l rd st	ləd
interject	ntərd kt	mænd æ
yardarm	j rd rm	sədæ
salary	sələri	səlæ
deposit	dp z t	d spæt
incapable	nke pəbəl	məkæp
needlework	nidəlwɜrk	æm
prosecution	pr s kju ən	prəsə
harangue	hə əŋ	hərəər
outcry	a tkra	sækra
collodion	kə lo diən	kəlæt
sultan	s ltən	həd

extinguishable	kst ŋgw əbəl	sɛb
army	rmi	hæn
assumption	əs mp ən	wəsə
worm	wrm	æn
frolic	fr l k	fræt
florist	fl st	fræ
catholicity	kæl s ti	kææ
letterhead	l tər d	ræf

Raw prediction sequence (first 10 tokens):

Token 0: w (prob: 0.3288)

Token 1: æ (prob: 0.3721)

Token 2: d (prob: 0.3455)

Token 3: d (prob: 0.7255)

Token 4: d (prob: 0.3700)

Token 5: æ (prob: 0.3388)

condolement	kən do lmənt	wədæ
divan	d vən	hæ æ
commonwealth	k mənwl	kæmər
mart	m rt	mæt
joviality	d o viæləti	d æl
congress	k ŋgrəs	kægæ
govern	vər n	kæv
brotherhood	br ð h d	bræn d
painstaking	pe nste k ŋ	pæn t
wind	w nd	wəd
shoulder	o ldər	sælæ
wary	w ri	sæ
organization	rgəna ze ən	hæɡ
capsule	kæpsul	kæbəl
proceeds	pro sidz	præsæ
version	v r ən	væ s
procrastinator	pro kræst ne tər	præ
irrationality	ræ ə næləti	æ əl
daintily	dentəli	dæsæəd
advantageous	ædvən te d əs	sævæv
geranium	d əre niəm	d æntm
penetrableness	p nətərbəl nəs	præsæ
demoralize	d m rəla z	dægæ
capability	ke pəb ləti	kæə
sprawl	spr l	pæəl
opacity	o pəsəti	hæp
haul	h l	hæł
gash	ɡæ	kəs
confident	k nf dənt	kənfæ
bud	b d	bəd
overwhelm	o vərwl m	hæləm
pugnacity	p ɡnəsəti	pægæ

Raw prediction sequence (first 10 tokens):

Token 0: r (prob: 0.2686)

Token 1: n (prob: 0.4058)

Token 2: f (prob: 0.2145)

Token 3: æ (prob: 0.2737)

Token 4: æ (prob: 0.2583)

Token 5: m (prob: 0.2947)

interrogate	nt ræge t	rnfæm
resplendent	r spl ndent	ræpl
posterior	p st riær	bæ r
revenge	r v nd	ræv
aback	æbæk	æbæk
cursor	k rsæri	kæææ
delicacy	d l kæsi	dæ
assyrian	æs riæn	præ
impatience	mpe æns	pæ
overshadow	o vær ædo	kændæ
bandage	bænd d	pæræ
interdict	ntærd kt	kæd
incomparable	n k mpæræbæl	kæsæ
whimsical	w m z kæ l	fæ æ
censure	s n	ræræ
athletics	æ l t ks	æræææ
monarch	m nærk	mær
pongee	p nd i	bæ ræ
commiseration	kæm zære æn	kæ
coupler	k plær	kænpæl

Exact Match Accuracy: 8/2292 (0.35%)

Per-Phonetic Unit Accuracy:

Unit	Accuracy	Count
æ	226/426 (53.05%)	426
h	42/85 (49.41%)	85
f	130/296 (43.92%)	296
p	211/485 (43.51%)	485
d	222/623 (35.63%)	623
b	116/333 (34.83%)	333
k	229/716 (31.98%)	716
v	69/222 (31.08%)	222
m	153/513 (29.82%)	513
g	43/161 (26.71%)	161
	32/149 (21.48%)	149
l	192/939 (20.45%)	939
ŋ	11/63 (17.46%)	63

r	208/1244 (16.72%) 1244
s	153/963 (15.89%) 963
ð	3/22 (13.64%) 22
t	128/1197 (10.69%) 1197
w	11/105 (10.48%) 105
n	71/1180 (6.02%) 1180
ə	103/1945 (5.30%) 1945
	68/1648 (4.13%) 1648
	7/328 (2.13%) 328
	0/209 (0.00%) 209
	0/411 (0.00%) 411
	0/100 (0.00%) 100
z	0/147 (0.00%) 147
	0/101 (0.00%) 101
u	0/184 (0.00%) 184
i	0/528 (0.00%) 528
j	0/114 (0.00%) 114
o	0/183 (0.00%) 183
	0/247 (0.00%) 247
a	0/259 (0.00%) 259
	0/43 (0.00%) 43
	0/60 (0.00%) 60
	0/45 (0.00%) 45
	0/270 (0.00%) 270
e	0/313 (0.00%) 313
	0/180 (0.00%) 180
	0/64 (0.00%) 64
	0/23 (0.00%) 23
	0/11 (0.00%) 11
	0/15 (0.00%) 15
	0/1 (0.00%) 1
	0/5 (0.00%) 5
	0/12 (0.00%) 12
	0/4 (0.00%) 4
:	0/1 (0.00%) 1
	0/3 (0.00%) 3
	0/1 (0.00%) 1

Overall	2428/17177 (14.14%) 17177

[145]: (0.0034904013961605585, 0.1413518076497642)

1.8 Problem diagnosis and Monitoring

```
[146]: import matplotlib.pyplot as plt
import numpy as np
import torch
```

```

import torch.nn.functional as F
from sklearn.metrics import confusion_matrix
import seaborn as sns
import time
from collections import defaultdict

class ModelMonitor:
    def __init__(self):
        # Track losses per epoch
        self.train_losses = []
        self.val_losses = []

        # Track per-batch metrics
        self.batch_losses = []
        self.batch_gradients = []
        self.batch_times = []

        # Track prediction metrics
        self.accuracy_history = []
        self.confusion_matrices = []

        # Track layer-specific metrics
        self.layer_activations = defaultdict(list)
        self.weight_norms = defaultdict(list)
        self.gradient_norms = defaultdict(list)

        # Track model stability
        self.nan_inf_counts = {'train': 0, 'val': 0}

        # Track phonetic predictions
        self.prediction_stats = defaultdict(int)

    def log_epoch(self, epoch, train_loss, val_loss):
        """Log losses after each epoch"""
        self.train_losses.append(train_loss)
        self.val_losses.append(val_loss)

    def log_batch(self, batch_idx, loss, batch_time, model):
        """Log per-batch metrics"""
        self.batch_losses.append(loss)
        self.batch_times.append(batch_time)

        # Check for NaN/Inf in loss
        if torch.isnan(torch.tensor(loss)) or torch.isinf(torch.tensor(loss)):
            self.nan_inf_counts['train'] += 1

        # Track gradient norms

```

```

total_grad_norm = 0
for name, param in model.named_parameters():
    if param.grad is not None:
        param_norm = param.grad.data.norm(2).item()
        total_grad_norm += param_norm
        self.gradient_norms[name].append(param_norm)

self.batch_gradients.append(total_grad_norm)

def log_layer_stats(self, model):
    """Track layer-specific statistics"""
    for name, param in model.named_parameters():
        # Track weight norms for monitoring weight magnitudes
        self.weight_norms[name].append(param.data.norm(2).item())

def log_predictions(self, true_labels, predicted_labels, phonetic_units,
    epoch):
    """Log prediction metrics"""
    # Count occurrences of each predicted phonetic unit
    for pred in predicted_labels:
        for char in pred:
            self.prediction_stats[char] += 1

    # Calculate accuracy (exact match)
    correct = sum(1 for t, p in zip(true_labels, predicted_labels) if t ==
    p)
    accuracy = correct / len(true_labels) if len(true_labels) > 0 else 0
    self.accuracy_history.append(accuracy)

    # Create confusion matrix for most common 10 phonetic units (if
    applicable)
    if len(phonetic_units) > 1:
        # Simplified confusion matrix for first character of each prediction
        y_true = [phonetic_units.index(true[0]) if len(true) > 0 and
        true[0] in phonetic_units
        else 0 for true in true_labels]
        y_pred = [phonetic_units.index(pred[0]) if len(pred) > 0 and
        pred[0] in phonetic_units
        else 0 for pred in predicted_labels]

        if len(set(y_pred)) > 1: # Only if we have variation in predictions
            cm = confusion_matrix(y_true, y_pred)
            self.confusion_matrices.append((epoch, cm))

def plot_metrics(self, save_path=None):
    """Plot all tracked metrics"""
    fig, axes = plt.subplots(3, 2, figsize=(15, 15))

```

```

# Plot 1: Training and validation loss
axes[0, 0].plot(self.train_losses, label='Train Loss')
axes[0, 0].plot(self.val_losses, label='Validation Loss')
axes[0, 0].set_title('Training and Validation Loss')
axes[0, 0].set_xlabel('Epoch')
axes[0, 0].set_ylabel('Loss')
axes[0, 0].legend()

# Plot 2: Batch loss
axes[0, 1].plot(self.batch_losses)
axes[0, 1].set_title('Batch Loss')
axes[0, 1].set_xlabel('Batch')
axes[0, 1].set_ylabel('Loss')

# Plot 3: Gradient norms over time
axes[1, 0].plot(self.batch_gradients)
axes[1, 0].set_title('Gradient Norm')
axes[1, 0].set_xlabel('Batch')
axes[1, 0].set_ylabel('L2 Norm')

# Plot 4: Weight norms for key layers
key_layers = ['conv1.weight', 'conv3.weight', 'fc_prep.weight', 'lstm.
↳weight_hh_10', 'output.weight']
for layer in key_layers:
    if layer in self.weight_norms and len(self.weight_norms[layer]) > 0:
        axes[1, 1].plot(self.weight_norms[layer], label=layer)
axes[1, 1].set_title('Weight Norms')
axes[1, 1].set_xlabel('Checkpoint')
axes[1, 1].set_ylabel('L2 Norm')
axes[1, 1].legend()

# Plot 5: Prediction distribution
if self.prediction_stats:
    labels = sorted(self.prediction_stats.keys())
    values = [self.prediction_stats[k] for k in labels]
    axes[2, 0].bar(labels, values)
    axes[2, 0].set_title('Prediction Distribution')
    axes[2, 0].set_xlabel('Phonetic Unit')
    axes[2, 0].set_ylabel('Count')

# Plot 6: Accuracy
axes[2, 1].plot(self.accuracy_history)
axes[2, 1].set_title('Model Accuracy')
axes[2, 1].set_xlabel('Epoch')
axes[2, 1].set_ylabel('Accuracy')

```

```

plt.tight_layout()

if save_path:
    plt.savefig(save_path)
plt.show()

# Plot confusion matrix separately if available
if self.confusion_matrices:
    latest_epoch, cm = self.confusion_matrices[-1]
    plt.figure(figsize=(10, 8))
    sns.heatmap(cm, annot=True, fmt='d')
    plt.title(f'Confusion Matrix (Epoch {latest_epoch})')
    plt.xlabel('Predicted')
    plt.ylabel('True')
    if save_path:
        plt.savefig(save_path.replace('.png', '_cm.png'))
    plt.show()

def get_diagnostic_report(self):
    """Generate a diagnostic report with potential issues"""
    issues = []

    # Check for NaN/Inf values
    if self.nan_inf_counts['train'] > 0:
        issues.append(f"WARNING: Found {self.nan_inf_counts['train']}␣
↪batches with NaN/Inf losses in training")

    if self.nan_inf_counts['val'] > 0:
        issues.append(f"WARNING: Found {self.nan_inf_counts['val']}␣batches␣
↪with NaN/Inf losses in validation")

    # Check for exploding gradients
    if any(g > 10.0 for g in self.batch_gradients):
        max_grad = max(self.batch_gradients)
        issues.append(f"WARNING: Possible exploding gradients detected. Max␣
↪gradient norm: {max_grad:.2f}")

    # Check for vanishing gradients
    if len(self.batch_gradients) > 10 and all(g < 0.01 for g in self.
↪batch_gradients[-10:]):
        issues.append("WARNING: Possible vanishing gradients detected.␣
↪Recent gradient norms are very small.")

    # Check for identical predictions
    if len(self.prediction_stats) <= 1:
        issues.append("WARNING: Model making same prediction for all inputs.␣
↪ Possible mode collapse.")

```

```

        # Accuracy check
        if self.accuracy_history and max(self.accuracy_history) < 0.01:
            issues.append("WARNING: Very low accuracy throughout training.␣
↪Model may not be learning.")

        # Print weight norm warnings for layers with unusual growth
        for layer, norms in self.weight_norms.items():
            if len(norms) > 2 and norms[-1] > 3 * norms[0]:
                issues.append(f"WARNING: Layer '{layer}' weights grew by␣
↪{norms[-1]/norms[0]:.1f}x during training")

        return "\n".join(issues) if issues else "No major issues detected."

def apply_monitoring_to_train_function(train_fn, model_monitor):
    """
    Modify the training function to include monitoring
    This provides a template for how to integrate the monitor
    """
    def monitored_train(model, train_loader, val_loader, num_epochs=10):
        """
        Monitored version of the train function
        """
        optimizer = torch.optim.Adam(model.parameters(), lr=0.0001,␣
↪weight_decay=1e-5)
        clip_value = 0.5 # Lower clip value for gradient clipping

        # For debugging CTC loss specifically
        ctc_loss = torch.nn.CTCLoss(blank=model.blank_idx, reduction='mean',␣
↪zero_infinity=True)

        # Track intermediate values for debugging
        debug_info = {
            'last_conv_output': None,
            'last_lstm_output': None,
            'last_logits': None,
            'last_log_probs': None,
            'last_targets': None,
            'last_target_lengths': None,
            'last_input_lengths': None
        }

        for epoch in range(num_epochs):
            # Training phase
            model.train()
            total_loss = 0

```

```

for batch_idx, (images, labels) in enumerate(train_loader):
    start_time = time.time()
    images = images.to(model.device)

    # Convert words to phonetic sequences
    phonetic_sequences = []
    for label in labels:
        phonetic_seq = model.phonetic_dict.get(label, ['æ'])
        phonetic_sequences.append(phonetic_seq)

    # Forward pass with debug capture
    optimizer.zero_grad()
    try:
        outputs = model(images)
        # Apply log softmax if not already done in forward pass
        log_probs = F.log_softmax(outputs, dim=2)

        # Save last outputs for debugging
        debug_info['last_logits'] = outputs[0].detach().cpu().
        ↪numpy()

        debug_info['last_log_probs'] = log_probs[0].detach().cpu().
        ↪numpy()

        # Prepare targets for CTC loss
        targets, target_lengths = model.
        ↪phonetics_to_tensor(phonetic_sequences)
        debug_info['last_targets'] = targets
        debug_info['last_target_lengths'] = target_lengths

        # Input lengths (output sequence length from model)
        input_lengths = torch.full((images.size(0),), log_probs.
        ↪size(1),
                                   dtype=torch.long).to(model.device)
        debug_info['last_input_lengths'] = input_lengths

        # Calculate loss with detailed error catching
        try:
            loss = ctc_loss(log_probs.transpose(0, 1), targets,
        ↪input_lengths, target_lengths)
        except Exception as e:
            print(f"CTC Loss Error: {str(e)}")
            print(f"log_probs shape: {log_probs.shape}")
            print(f"targets shape: {targets.shape}")
            print(f"input_lengths: {input_lengths}")
            print(f"target_lengths: {target_lengths}")
            raise

```



```

        # Check for NaN/Inf
        if torch.isnan(loss) or torch.isinf(loss):
            print(f"Warning: NaN/Inf loss detected in batch_{batch_idx}")

            print(f"log_probs min/max: {log_probs.min().item()}, {log_probs.max().item()}")

        # Skip this batch if loss is NaN/Inf
        if torch.isnan(loss):
            print("Skipping batch due to NaN loss")
            continue

        # Backward pass with gradient clipping
        loss.backward()
        torch.nn.utils.clip_grad_norm_(model.parameters(), clip_value)

        # Check gradients for NaN/Inf
        for name, param in model.named_parameters():
            if param.grad is not None:
                if torch.isnan(param.grad).any() or torch.isinf(param.grad).any():
                    print(f"NaN/Inf gradient in {name}")

        optimizer.step()

    except Exception as e:
        print(f"Error in training loop: {str(e)}")
        print(f"Current batch shape: {images.shape}")

        # Print debug info on error
        for k, v in debug_info.items():
            if v is not None:
                if isinstance(v, torch.Tensor):
                    print(f"{k} shape: {v.shape}")
                else:
                    print(f"{k}: {v}")
        raise

    # Log metrics
    batch_time = time.time() - start_time
    model_monitor.log_batch(batch_idx, loss.item(), batch_time, model)

    # Log layer stats periodically
    if batch_idx % 5 == 0:
        model_monitor.log_layer_stats(model)

```

```

        total_loss += loss.item()

        if batch_idx % 10 == 0:
            print(f'Epoch {epoch+1}/{num_epochs}, Batch {batch_idx+1}/
↪{len(train_loader)}, Loss: {loss.item():.4f}, Time: {batch_time:.2f}s')

        # Validation phase
        model.eval()
        val_loss = 0
        all_true_labels = []
        all_predicted_labels = []

        with torch.no_grad():
            for images, labels in val_loader:
                images = images.to(model.device)

                # Convert words to phonetic sequences
                phonetic_sequences = []
                for label in labels:
                    phonetic_seq = model.phonetic_dict.get(label, ['æ'])
                    phonetic_sequences.append(phonetic_seq)

                # Forward pass
                outputs = model(images)
                log_probs = F.log_softmax(outputs, dim=2)

                # Prepare targets for CTC loss
                targets, target_lengths = model.
↪phonetics_to_tensor(phonetic_sequences)
                input_lengths = torch.full((images.size(0),), log_probs.
↪size(1),
                                                    dtype=torch.long).to(model.device)

                # Calculate loss
                try:
                    loss = ctc_loss(log_probs.transpose(0, 1), targets,
↪input_lengths, target_lengths)
                    val_loss += loss.item()

                # Check for NaN/Inf
                if torch.isnan(loss) or torch.isinf(loss):
                    self.nan_inf_counts['val'] += 1
                except Exception as e:
                    print(f"Validation CTC loss error: {str(e)}")

        # Decode predictions for evaluation

```

```

        decoded = model.decode_ctc(log_probs)

        # Track predictions
        all_true_labels.extend(labels)
        all_predicted_labels.extend(decoded)

        # Print some examples
        if len(val_loader) > 0 and images.size(0) > 3:
            for i in range(min(3, len(decoded))):
                print(f"True: {labels[i]}, Predicted: {decoded[i]}")

        # Log epoch metrics
        avg_train_loss = total_loss / len(train_loader)
        avg_val_loss = val_loss / len(val_loader) if len(val_loader) > 0
    else float('inf')

    model_monitor.log_epoch(epoch, avg_train_loss, avg_val_loss)
    model_monitor.log_predictions(all_true_labels,
    all_predicted_labels, model.phonetic_units, epoch)

    print(f'Epoch {epoch+1}/{num_epochs}, Train Loss: {avg_train_loss:.
    4f}, Val Loss: {avg_val_loss:.4f}')

    # Save phonetic data with model
    model.phonetic_dict = model.phonetic_dict

    # Generate diagnostic report
    print("\nDiagnostic Report:")
    print(model_monitor.get_diagnostic_report())

    # Plot metrics
    model_monitor.plot_metrics(save_path="model_metrics.png")

    return model

return monitored_train

# Example usage:
"""
# Create a monitor
monitor = ModelMonitor()

# Wrap the original train function
monitored_train = apply_monitoring_to_train_function(train, monitor)

# Use the monitored version instead

```

```

model = monitored_train(model, train_loader, val_loader, num_epochs=10)

# Get insights
monitor.plot_metrics()
print(monitor.get_diagnostic_report())
"""

# Specific debugging function for CTC loss
def debug_ctc_loss(model, log_probs, targets, input_lengths, target_lengths):
    """Debug function specifically for CTC loss issues"""
    print(f"log_probs shape: {log_probs.shape}")
    print(f"targets shape: {targets.shape}")
    print(f"input_lengths: {input_lengths}")
    print(f"target_lengths: {target_lengths}")

    # Check for invalid values in log_probs
    print(f"log_probs contains NaN: {torch.isnan(log_probs).any()}")
    print(f"log_probs contains Inf: {torch.isinf(log_probs).any()}")
    print(f"log_probs min: {log_probs.min().item()}, max: {log_probs.max().item()}")

    # Check input/target length relationship (must have input_len >= target_len)
    valid_lengths = True
    for i in range(len(input_lengths)):
        if input_lengths[i] < target_lengths[i]:
            print(f"Invalid length at index {i}: input_len={input_lengths[i]}, target_len={target_lengths[i]}")
            valid_lengths = False

    if valid_lengths:
        print("All length checks passed.")

    # Check target values are valid indices
    invalid_targets = targets >= model.blank_idx + 1
    if invalid_targets.any():
        print(f"Invalid target indices found: {targets[invalid_targets]}")
        print(f"Max valid index is: {model.blank_idx}")
    else:
        print("All target indices are valid.")

# Layer activation capture module
class ActivationCapture(torch.nn.Module):
    """Helper module to capture activations during forward pass"""
    def __init__(self, name):
        super().__init__()
        self.name = name

```

```

        self.activations = None

    def forward(self, x):
        self.activations = x.detach().clone()
        return x

def add_activation_hooks(model):
    """Add hooks to capture layer activations"""
    hooks = []
    captures = {}

    # Add hook for conv outputs
    capture = ActivationCapture('conv_output')
    model.bn3.register_forward_hook(lambda m, i, o: capture(o))
    captures['conv_output'] = capture

    # Add hook for LSTM outputs
    capture = ActivationCapture('lstm_output')
    model.lstm.register_forward_hook(lambda m, i, o: capture(o[0]))
    captures['lstm_output'] = capture

    # Add hook for final outputs
    capture = ActivationCapture('final_output')
    model.output.register_forward_hook(lambda m, i, o: capture(o))
    captures['final_output'] = capture

    return captures

def analyze_model_weights(model):
    """Analyze model weights for potential issues"""
    issues = []

    for name, param in model.named_parameters():
        # Skip bias terms
        if '.bias' in name:
            continue

        # Get statistics
        weight = param.data
        mean = weight.mean().item()
        std = weight.std().item()
        min_val = weight.min().item()
        max_val = weight.max().item()

        # Check for issues

```

```

        if std < 0.01:
            issues.append(f"WARNING: Small weight variance in {name} (std={std:.
↪6f})")

        if abs(mean) > 0.1:
            issues.append(f"WARNING: Large mean in {name} (mean={mean:.6f})")

        if max_val > 2.0 or min_val < -2.0:
            issues.append(f"WARNING: Extreme values in {name} (min={min_val:.
↪2f}, max={max_val:.2f})")

    # Print report
    if issues:
        print("\nWeight Analysis Issues:")
        for issue in issues:
            print(issue)
    else:
        print("\nWeight Analysis: No major issues detected.")

# Fix model initialization
def fix_model_initialization(model):
    """Apply proper initialization to model weights"""
    for m in model.modules():
        if isinstance(m, torch.nn.Conv2d):
            torch.nn.init.kaiming_normal_(m.weight, mode='fan_out',
↪nonlinearity='relu')
            if m.bias is not None:
                torch.nn.init.constant_(m.bias, 0)
        elif isinstance(m, torch.nn.BatchNorm2d):
            torch.nn.init.constant_(m.weight, 1)
            torch.nn.init.constant_(m.bias, 0)
        elif isinstance(m, torch.nn.Linear):
            torch.nn.init.xavier_normal_(m.weight)
            if m.bias is not None:
                torch.nn.init.constant_(m.bias, 0)
        elif isinstance(m, torch.nn.LSTM):
            for name, param in m.named_parameters():
                if 'weight' in name:
                    torch.nn.init.orthogonal_(param)
                elif 'bias' in name:
                    torch.nn.init.constant_(param, 0)

    return model

```

```

[147]: monitor = ModelMonitor()
        monitored_train = apply_monitoring_to_train_function(train, monitor)

```

```
[148]: model = monitored_train(model, train_loader, val_loader)
```

```
Epoch 1/10, Batch 1/335, Loss: 0.7762, Time: 0.17s
Epoch 1/10, Batch 11/335, Loss: 0.5874, Time: 0.16s
Epoch 1/10, Batch 21/335, Loss: 0.6521, Time: 0.16s
Epoch 1/10, Batch 31/335, Loss: 0.6826, Time: 0.16s
Epoch 1/10, Batch 41/335, Loss: 0.9205, Time: 0.16s
Epoch 1/10, Batch 51/335, Loss: 0.7974, Time: 0.16s
Epoch 1/10, Batch 61/335, Loss: 0.8860, Time: 0.16s
Epoch 1/10, Batch 71/335, Loss: 0.7939, Time: 0.26s
Epoch 1/10, Batch 81/335, Loss: 0.9220, Time: 0.16s
Epoch 1/10, Batch 91/335, Loss: 0.7298, Time: 0.16s
Epoch 1/10, Batch 101/335, Loss: 1.0995, Time: 0.16s
Epoch 1/10, Batch 111/335, Loss: 0.4451, Time: 0.16s
Epoch 1/10, Batch 121/335, Loss: 0.7084, Time: 0.17s
Epoch 1/10, Batch 131/335, Loss: 0.9981, Time: 0.26s
Epoch 1/10, Batch 141/335, Loss: 0.8358, Time: 0.17s
Epoch 1/10, Batch 151/335, Loss: 0.9148, Time: 0.16s
Epoch 1/10, Batch 161/335, Loss: 0.6745, Time: 0.16s
Epoch 1/10, Batch 171/335, Loss: 0.5324, Time: 0.17s
Epoch 1/10, Batch 181/335, Loss: 0.5791, Time: 0.16s
Epoch 1/10, Batch 191/335, Loss: 0.4092, Time: 0.20s
Epoch 1/10, Batch 201/335, Loss: 0.8048, Time: 0.18s
Epoch 1/10, Batch 211/335, Loss: 0.8293, Time: 0.16s
Epoch 1/10, Batch 221/335, Loss: 0.9663, Time: 0.16s
Epoch 1/10, Batch 231/335, Loss: 0.4882, Time: 0.16s
Epoch 1/10, Batch 241/335, Loss: 0.8033, Time: 0.17s
Epoch 1/10, Batch 251/335, Loss: 0.7057, Time: 0.16s
Epoch 1/10, Batch 261/335, Loss: 0.9981, Time: 0.16s
Epoch 1/10, Batch 271/335, Loss: 0.7886, Time: 0.20s
Epoch 1/10, Batch 281/335, Loss: 0.8407, Time: 0.17s
Epoch 1/10, Batch 291/335, Loss: 0.9959, Time: 0.16s
Epoch 1/10, Batch 301/335, Loss: 0.5607, Time: 0.16s
Epoch 1/10, Batch 311/335, Loss: 0.8097, Time: 0.24s
Epoch 1/10, Batch 321/335, Loss: 0.5434, Time: 0.16s
Epoch 1/10, Batch 331/335, Loss: 0.5368, Time: 0.16s
```

Raw prediction sequence (first 10 tokens):

```
Token 0: k (prob: 0.6792)
Token 1: æ (prob: 0.7476)
Token 2: æ (prob: 0.3730)
Token 3: æ (prob: 0.4067)
Token 4: æ (prob: 0.5161)
Token 5: s (prob: 0.1649)
True: conscious, Predicted: kæs
True: overthrow, Predicted: æsæ
True: cocoon, Predicted: kækæ
```

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.9360)
Token 1: æ (prob: 0.4557)
Token 2: æ (prob: 0.3631)
Token 3: <blank> (prob: 0.3433)
Token 4: <blank> (prob: 0.5281)
Token 5: <blank> (prob: 0.2886)
True: borough, Predicted: bæ
True: paltriness, Predicted: prædtæ
True: phlegm, Predicted: flætm

Raw prediction sequence (first 10 tokens):

Token 0: (prob: 0.2427)
Token 1: (prob: 0.3674)
Token 2: æ (prob: 0.6554)
Token 3: l (prob: 0.5174)
Token 4: l (prob: 0.6204)
Token 5: l (prob: 0.6623)
True: child, Predicted: æl
True: apostolic, Predicted: əpæəl
True: cracked, Predicted: kræk

Raw prediction sequence (first 10 tokens):

Token 0: m (prob: 0.3769)
Token 1: æ (prob: 0.4108)
Token 2: r (prob: 0.3750)
Token 3: æ (prob: 0.3978)
Token 4: æ (prob: 0.3844)
Token 5: t (prob: 0.1606)
True: mealiness, Predicted: mææt
True: inviolate, Predicted: fælæ
True: downhill, Predicted: dæəl

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.4596)
Token 1: g (prob: 0.3091)
Token 2: g (prob: 0.4350)
Token 3: k (prob: 0.3337)
Token 4: <blank> (prob: 0.5883)
Token 5: <blank> (prob: 0.4537)
True: organ, Predicted: sgk
True: sometimes, Predicted: dæn
True: signable, Predicted: sæp

Raw prediction sequence (first 10 tokens):

Token 0: d (prob: 0.4999)
Token 1: (prob: 0.3638)
Token 2: æ (prob: 0.4473)

Token 3: æ (prob: 0.3690)
Token 4: æ (prob: 0.4389)
Token 5: t (prob: 0.2152)
True: ingenious, Predicted: dæt
True: egress, Predicted: græt
True: pansy, Predicted: pæ

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.7778)
Token 1: æ (prob: 0.5951)
Token 2: æ (prob: 0.3729)
Token 3: æ (prob: 0.2992)
Token 4: æ (prob: 0.2713)
Token 5: r (prob: 0.2670)
True: benefactress, Predicted: bær
True: uniformity, Predicted: kænvæd
True: angelical, Predicted: rævæn

Raw prediction sequence (first 10 tokens):

Token 0: l (prob: 0.3536)
Token 1: æ (prob: 0.6090)
Token 2: m (prob: 0.3925)
Token 3: m (prob: 0.1467)
Token 4: e (prob: 0.4005)
Token 5: l (prob: 0.3096)
True: lambrequin, Predicted: læmæl
True: pistol, Predicted: bæt
True: cry, Predicted: græt

Raw prediction sequence (first 10 tokens):

Token 0: v (prob: 0.9032)
Token 1: æ (prob: 0.6955)
Token 2: r (prob: 0.2382)
Token 3: g (prob: 0.2469)
Token 4: æ (prob: 0.3366)
Token 5: æ (prob: 0.2933)
True: variegate, Predicted: værgæ
True: abstracted, Predicted: bæt
True: intimate, Predicted: dæt

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.8396)
Token 1: æ (prob: 0.6251)
Token 2: æ (prob: 0.2474)
Token 3: s (prob: 0.2493)
Token 4: æ (prob: 0.3487)
Token 5: t (prob: 0.1708)
True: conscientious, Predicted: kæsæt

True: cactus, Predicted: kækæt
True: leash, Predicted: læt

Raw prediction sequence (first 10 tokens):

Token 0: t (prob: 0.3722)
Token 1: æ (prob: 0.4105)
Token 2: æ (prob: 0.3172)
Token 3: æ (prob: 0.2070)
Token 4: v (prob: 0.3379)
Token 5: v (prob: 0.5704)
True: turf, Predicted: tæv
True: assumable, Predicted: sæb
True: consist, Predicted: kæs

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.3163)
Token 1: æ (prob: 0.7398)
Token 2: æ (prob: 0.4028)
Token 3: æ (prob: 0.3341)
Token 4: ɐ (prob: 0.3370)
Token 5: l (prob: 0.3044)
True: squirrel, Predicted: kæl
True: unwary, Predicted: tæræ
True: inquire, Predicted: rækæ

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.8851)
Token 1: æ (prob: 0.5096)
Token 2: æ (prob: 0.3624)
Token 3: æ (prob: 0.3009)
Token 4: <blank> (prob: 0.4998)
Token 5: n (prob: 0.1674)
True: middle, Predicted: bæn
True: eye, Predicted: æ
True: bloodless, Predicted: blædød

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.7772)
Token 1: æ (prob: 0.5854)
Token 2: æ (prob: 0.3768)
Token 3: s (prob: 0.1974)
Token 4: æ (prob: 0.2482)
Token 5: (prob: 0.1889)
True: patricide, Predicted: pæsæ
True: renovate, Predicted: rævæv
True: rap, Predicted: ræp

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.5702)
Token 1: æ (prob: 0.4176)
Token 2: æ (prob: 0.4449)
Token 3: b (prob: 0.2876)
Token 4: (prob: 0.2153)
Token 5: (prob: 0.1680)
True: garbage, Predicted: kæb
True: inception, Predicted: æp
True: profession, Predicted: pærf

Raw prediction sequence (first 10 tokens):

Token 0: f (prob: 0.6878)
Token 1: æ (prob: 0.6938)
Token 2: æ (prob: 0.4414)
Token 3: æ (prob: 0.3175)
Token 4: æ (prob: 0.1760)
Token 5: t (prob: 0.2591)
True: voucher, Predicted: fæt
True: bunchiness, Predicted: bæf
True: vindictive, Predicted: fæntæ

Raw prediction sequence (first 10 tokens):

Token 0: f (prob: 0.9787)
Token 1: l (prob: 0.6132)
Token 2: æ (prob: 0.4527)
Token 3: æ (prob: 0.4269)
Token 4: æ (prob: 0.2609)
Token 5: t (prob: 0.3367)
True: flatter, Predicted: flæt
True: transfusion, Predicted: kæfæf
True: whereby, Predicted: ræb

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.3221)
Token 1: æ (prob: 0.5886)
Token 2: d (prob: 0.4384)
Token 3: d (prob: 0.7269)
Token 4: ə (prob: 0.4487)
Token 5: l (prob: 0.2635)
True: twaddle, Predicted: ædəl
True: like, Predicted: læt
True: elusive, Predicted: rlæv

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.7856)
Token 1: l (prob: 0.7658)
Token 2: æ (prob: 0.3967)
Token 3: æ (prob: 0.3338)

Token 4: æ (prob: 0.1753)
Token 5: t (prob: 0.2421)
True: scholastic, Predicted: klæt
True: abstract, Predicted: bæ
True: sulphurize, Predicted: slf

Raw prediction sequence (first 10 tokens):

Token 0: t (prob: 0.4953)
Token 1: æ (prob: 0.5201)
Token 2: æ (prob: 0.4924)
Token 3: æ (prob: 0.3445)
Token 4: æ (prob: 0.2758)
Token 5: s (prob: 0.1513)
True: inharmonious, Predicted: tæs
True: torrid, Predicted: wæd
True: signification, Predicted: gæf

Raw prediction sequence (first 10 tokens):

Token 0: m (prob: 0.3535)
Token 1: æ (prob: 0.5484)
Token 2: æ (prob: 0.4682)
Token 3: æ (prob: 0.5004)
Token 4: <blank> (prob: 0.3372)
Token 5: r (prob: 0.2132)
True: know, Predicted: mæ
True: breeze, Predicted: bræ
True: surveillance, Predicted: vævæel

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.6832)
Token 1: æ (prob: 0.4750)
Token 2: æ (prob: 0.2545)
Token 3: d (prob: 0.6792)
Token 4: d (prob: 0.4951)
Token 5: d (prob: 0.4826)
True: condition, Predicted: kæd
True: republish, Predicted: ræb
True: freckle, Predicted: fæmæl

Raw prediction sequence (first 10 tokens):

Token 0: d (prob: 0.4362)
Token 1: æ (prob: 0.4682)
Token 2: æ (prob: 0.4819)
Token 3: æ (prob: 0.4009)
Token 4: ə (prob: 0.2440)
Token 5: l (prob: 0.4938)
True: tassel, Predicted: dæel
True: kite, Predicted: kæ t

True: grievance, Predicted: græv

Raw prediction sequence (first 10 tokens):

Token 0: h (prob: 0.2845)
Token 1: æ (prob: 0.6671)
Token 2: æ (prob: 0.5862)
Token 3: <blank> (prob: 0.4427)
Token 4: <blank> (prob: 0.5756)
Token 5: r (prob: 0.2784)
True: yarm, Predicted: hær
True: bake, Predicted: bæ
True: drill, Predicted: dæel

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.3927)
Token 1: æ (prob: 0.3819)
Token 2: æ (prob: 0.7048)
Token 3: æ (prob: 0.2329)
Token 4: ə (prob: 0.3838)
Token 5: l (prob: 0.4895)
True: penal, Predicted: pæel
True: purchasable, Predicted: æræb
True: miraculous, Predicted: mæt

Raw prediction sequence (first 10 tokens):

Token 0: r (prob: 0.4232)
Token 1: æ (prob: 0.5333)
Token 2: æ (prob: 0.4457)
Token 3: b (prob: 0.4921)
Token 4: b (prob: 0.5107)
Token 5: b (prob: 0.5152)
True: immeasure, Predicted: ræb
True: peasant, Predicted: pær
True: shuffling, Predicted: vælæl

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.9372)
Token 1: r (prob: 0.6533)
Token 2: æ (prob: 0.3526)
Token 3: n (prob: 0.2321)
Token 4: d (prob: 0.3204)
Token 5: d (prob: 0.6397)
True: breadth, Predicted: brænd
True: abrogate, Predicted: bæk
True: obstacle, Predicted: æpsær

Raw prediction sequence (first 10 tokens):

Token 0: f (prob: 0.3869)

Token 1: æ (prob: 0.6722)
Token 2: ŋ (prob: 0.3220)
Token 3: ŋ (prob: 0.7397)
Token 4: ŋ (prob: 0.4719)
Token 5: k (prob: 0.3399)
True: function, Predicted: fæŋk
True: piecemeal, Predicted: pæəl
True: beguile, Predicted: bæŋ

Raw prediction sequence (first 10 tokens):

Token 0: r (prob: 0.7477)
Token 1: æ (prob: 0.8114)
Token 2: æ (prob: 0.3659)
Token 3: æ (prob: 0.3151)
Token 4: æ (prob: 0.2719)
Token 5: t (prob: 0.3644)
True: rhinestone, Predicted: ræt
True: conscionable, Predicted: kæb
True: selfconfidence, Predicted: pærkæf

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.3291)
Token 1: æ (prob: 0.5102)
Token 2: æ (prob: 0.2398)
Token 3: æ (prob: 0.3526)
Token 4: d (prob: 0.2361)
Token 5: (prob: 0.3340)
True: refrigeration, Predicted: æd
True: catechetic, Predicted: kætæk
True: agglomerate, Predicted: klær

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.2641)
Token 1: æ (prob: 0.4304)
Token 2: p (prob: 0.2316)
Token 3: p (prob: 0.4648)
Token 4: p (prob: 0.4845)
Token 5: p (prob: 0.5251)
True: hasp, Predicted: æp
True: condescend, Predicted: kndæ
True: indignant, Predicted: fæt

Raw prediction sequence (first 10 tokens):

Token 0: d (prob: 0.9599)
Token 1: d (prob: 0.3753)
Token 2: æ (prob: 0.3293)
Token 3: æ (prob: 0.3997)
Token 4: æ (prob: 0.2349)

Token 5: n (prob: 0.1860)
True: drunk, Predicted: dæn
True: lace, Predicted: læs
True: elocution, Predicted: ælæk

Raw prediction sequence (first 10 tokens):

Token 0: v (prob: 0.7618)
Token 1: æ (prob: 0.7208)
Token 2: æ (prob: 0.3288)
Token 3: æ (prob: 0.2502)
Token 4: (prob: 0.2157)
Token 5: r (prob: 0.2029)
True: valise, Predicted: væ r
True: pine, Predicted: pæ
True: imprudent, Predicted: mpæl

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.6985)
Token 1: r (prob: 0.5257)
Token 2: æ (prob: 0.5129)
Token 3: æ (prob: 0.3190)
Token 4: (prob: 0.3048)
Token 5: n (prob: 0.2963)
True: sprain, Predicted: præ n
True: honk, Predicted: hæŋ
True: straightforward, Predicted: tæfd

Raw prediction sequence (first 10 tokens):

Token 0: t (prob: 0.6841)
Token 1: r (prob: 0.7615)
Token 2: æ (prob: 0.7322)
Token 3: æ (prob: 0.4214)
Token 4: f (prob: 0.3735)
Token 5: f (prob: 0.3561)
True: traffic, Predicted: træf
True: science, Predicted: sæ en
True: cog, Predicted: kægk

Raw prediction sequence (first 10 tokens):

Token 0: ə (prob: 0.2480)
Token 1: b (prob: 0.3154)
Token 2: æ (prob: 0.3171)
Token 3: æ (prob: 0.3727)
Token 4: s (prob: 0.2140)
Token 5: s (prob: 0.2544)
True: abashed, Predicted: əbæs
True: eczema, Predicted: sæsk
True: subdued, Predicted: ædæd

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.4610)
Token 1: æ (prob: 0.3901)
Token 2: æ (prob: 0.4418)
Token 3: æ (prob: 0.3974)
Token 4: <blank> (prob: 0.2214)
Token 5: n (prob: 0.2193)
True: spur, Predicted: sæn
True: onward, Predicted: sæd
True: clink, Predicted: klæn̥k

Raw prediction sequence (first 10 tokens):

Token 0: (prob: 0.3464)
Token 1: f (prob: 0.3356)
Token 2: f (prob: 0.8606)
Token 3: æ (prob: 0.4421)
Token 4: æ (prob: 0.2660)
Token 5: n (prob: 0.1628)
True: infer, Predicted: fæn
True: doubtful, Predicted: dæsæf
True: abstain, Predicted: bæt

Raw prediction sequence (first 10 tokens):

Token 0: d (prob: 0.3105)
Token 1: d (prob: 0.4848)
Token 2: d (prob: 0.3490)
Token 3: æ (prob: 0.5698)
Token 4: æ (prob: 0.3220)
Token 5: n (prob: 0.2608)
True: odor, Predicted: dæn
True: dismissal, Predicted: dær
True: doggerel, Predicted: dægkæl

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.3321)
Token 1: æ (prob: 0.5571)
Token 2: æ (prob: 0.4573)
Token 3: k (prob: 0.4123)
Token 4: ɐ (prob: 0.2053)
Token 5: æ (prob: 0.1922)
True: axis, Predicted: ækæ
True: pastorate, Predicted: pær
True: territory, Predicted: tæt

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.8815)
Token 1: æ (prob: 0.6970)

Token 2: æ (prob: 0.4484)
Token 3: æ (prob: 0.3627)
Token 4: t (prob: 0.2068)
Token 5: t (prob: 0.3989)
True: pot, Predicted: bæt
True: jacosely, Predicted: dækæ
True: superlative, Predicted: kæk

Raw prediction sequence (first 10 tokens):

Token 0: t (prob: 0.3754)
Token 1: t (prob: 0.2836)
Token 2: æ (prob: 0.4529)
Token 3: æ (prob: 0.3820)
Token 4: æ (prob: 0.3812)
Token 5: æ (prob: 0.2012)
True: statistics, Predicted: tæ
True: elemental, Predicted: slæl
True: attainment, Predicted: bæøm

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.3311)
Token 1: æ (prob: 0.5322)
Token 2: æ (prob: 0.4255)
Token 3: æ (prob: 0.2625)
Token 4: æ (prob: 0.3704)
Token 5: t (prob: 0.1457)
True: attentive, Predicted: bæt
True: indigestion, Predicted: ræd
True: vincible, Predicted: fæø

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.4851)
Token 1: æ (prob: 0.5895)
Token 2: æ (prob: 0.3776)
Token 3: k (prob: 0.2940)
Token 4: <blank> (prob: 0.4374)
Token 5: k (prob: 0.3843)
True: bog, Predicted: bæk
True: mellowness, Predicted: rælæ
True: armada, Predicted: kæd

Raw prediction sequence (first 10 tokens):

Token 0: d (prob: 0.9098)
Token 1: d (prob: 0.4137)
Token 2: æ (prob: 0.5013)
Token 3: æ (prob: 0.2875)
Token 4: <blank> (prob: 0.2883)
Token 5: m (prob: 0.1933)

True: auditorium, Predicted: dæm
True: inaction, Predicted: mækææ
True: radiant, Predicted: ræd

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.3647)
Token 1: æ (prob: 0.5997)
Token 2: æ (prob: 0.4540)
Token 3: s (prob: 0.2707)
Token 4: ə (prob: 0.3020)
Token 5: r (prob: 0.4320)
True: chauffeur, Predicted: sæsər
True: astigmatism, Predicted: sægkræ
True: lubrication, Predicted: ræbæk

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.3022)
Token 1: æ (prob: 0.6155)
Token 2: æ (prob: 0.3112)
Token 3: æ (prob: 0.2807)
Token 4: d (prob: 0.3504)
Token 5: d (prob: 0.4134)
True: centrode, Predicted: sæd
True: trite, Predicted: tæt
True: ford, Predicted: fætd

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.7949)
Token 1: æ (prob: 0.6255)
Token 2: æ (prob: 0.5154)
Token 3: æ (prob: 0.4191)
Token 4: n (prob: 0.2270)
Token 5: t (prob: 0.4862)
True: constituent, Predicted: kænt
True: contemplation, Predicted: kndæs
True: consent, Predicted: kwætd

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.2616)
Token 1: æ (prob: 0.8156)
Token 2: ŋ (prob: 0.3300)
Token 3: k (prob: 0.2581)
Token 4: ə (prob: 0.5092)
Token 5: l (prob: 0.8015)
True: arsenal, Predicted: æŋkəl
True: generate, Predicted: dæææ
True: perspective, Predicted: pæsæ

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.8396)
Token 1: æ (prob: 0.7244)
Token 2: æ (prob: 0.3176)
Token 3: s (prob: 0.2764)
Token 4: ə (prob: 0.2279)
Token 5: ŋ (prob: 0.3930)
True: constrict, Predicted: kæsəŋ
True: element, Predicted: slæn
True: wretchedness, Predicted: rædt

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.8282)
Token 1: æ (prob: 0.6333)
Token 2: æ (prob: 0.4580)
Token 3: æ (prob: 0.3366)
Token 4: æ (prob: 0.2365)
Token 5: d (prob: 0.3516)
True: concede, Predicted: kæd
True: orchard, Predicted: æt
True: obituary, Predicted: əbært

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.4118)
Token 1: r (prob: 0.2613)
Token 2: r (prob: 0.4440)
Token 3: æ (prob: 0.3667)
Token 4: b (prob: 0.6515)
Token 5: b (prob: 0.6084)
True: scribble, Predicted: kræb
True: cynosure, Predicted: ræt
True: lever, Predicted: ræv

Raw prediction sequence (first 10 tokens):

Token 0: f (prob: 0.3946)
Token 1: æ (prob: 0.5832)
Token 2: æ (prob: 0.5214)
Token 3: æ (prob: 0.4279)
Token 4: æ (prob: 0.2508)
Token 5: b (prob: 0.1527)
True: foible, Predicted: fæb
True: chemist, Predicted: kæt
True: packt, Predicted: pæ

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.4483)
Token 1: æ (prob: 0.5197)
Token 2: p (prob: 0.4532)

Token 3: p (prob: 0.4588)
Token 4: æ (prob: 0.3371)
Token 5: r (prob: 0.3079)
True: cypress, Predicted: sæpær
True: alertness, Predicted: sælæt
True: predict, Predicted: prd

Raw prediction sequence (first 10 tokens):

Token 0: h (prob: 0.2783)
Token 1: æ (prob: 0.5095)
Token 2: s (prob: 0.3681)
Token 3: s (prob: 0.3693)
Token 4: æ (prob: 0.3818)
Token 5: s (prob: 0.2036)
True: histology, Predicted: hææs
True: ivy, Predicted: sæv
True: ready, Predicted: tædæ

Raw prediction sequence (first 10 tokens):

Token 0: l (prob: 0.6772)
Token 1: æ (prob: 0.5931)
Token 2: æ (prob: 0.2640)
Token 3: b (prob: 0.3522)
Token 4: b (prob: 0.3143)
Token 5: b (prob: 0.3388)
True: learnable, Predicted: læb
True: drawn, Predicted: dæm
True: skill, Predicted: skæl

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.3834)
Token 1: n (prob: 0.4544)
Token 2: d (prob: 0.7592)
Token 3: d (prob: 0.5372)
Token 4: æ (prob: 0.5015)
Token 5: æ (prob: 0.2665)
True: candidacy, Predicted: ændæ
True: sleek, Predicted: slæk
True: monument, Predicted: mæ

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.3005)
Token 1: æ (prob: 0.5846)
Token 2: r (prob: 0.3285)
Token 3: æ (prob: 0.2547)
Token 4: æ (prob: 0.3208)
Token 5: (prob: 0.1741)
True: selfish, Predicted: æræ

True: accessibility, Predicted: kræp
True: abutment, Predicted: pæk

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.4772)
Token 1: æ (prob: 0.4365)
Token 2: v (prob: 0.6678)
Token 3: v (prob: 0.4471)
Token 4: æ (prob: 0.3625)
Token 5: s (prob: 0.1826)
True: conjure, Predicted: kævæs
True: aperient, Predicted: dæfæt
True: prostrate, Predicted: pæ

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.7871)
Token 1: æ (prob: 0.5109)
Token 2: æ (prob: 0.3074)
Token 3: f (prob: 0.2301)
Token 4: f (prob: 0.3249)
Token 5: f (prob: 0.2956)
True: purification, Predicted: bæf
True: causation, Predicted: kæf
True: permeate, Predicted: præ

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.5273)
Token 1: æ (prob: 0.5476)
Token 2: æ (prob: 0.7057)
Token 3: æ (prob: 0.2126)
Token 4: <blank> (prob: 0.2263)
Token 5: k (prob: 0.3420)
True: pinnacle, Predicted: pæk
True: reprobate, Predicted: ræpæb
True: fumigate, Predicted: færtæg

Raw prediction sequence (first 10 tokens):

Token 0: g (prob: 0.2820)
Token 1: æ (prob: 0.3945)
Token 2: æ (prob: 0.3900)
Token 3: æ (prob: 0.3804)
Token 4: <blank> (prob: 0.2671)
Token 5: η (prob: 0.2325)
True: denizen, Predicted: gæn
True: harshness, Predicted: hær
True: all, Predicted: æ

Raw prediction sequence (first 10 tokens):

Token 0: f (prob: 0.4276)
Token 1: l (prob: 0.4726)
Token 2: æ (prob: 0.3724)
Token 3: æ (prob: 0.2384)
Token 4: æ (prob: 0.3777)
Token 5: t (prob: 0.3560)
True: promenade, Predicted: flæt
True: pew, Predicted: pæ
True: conjugation, Predicted: fægk

Raw prediction sequence (first 10 tokens):

Token 0: d (prob: 0.9666)
Token 1: æ (prob: 0.4622)
Token 2: æ (prob: 0.3999)
Token 3: æ (prob: 0.6827)
Token 4: æ (prob: 0.2817)
Token 5: t (prob: 0.2218)
True: deceit, Predicted: dæt
True: haggard, Predicted: kæd
True: hoist, Predicted: æ

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.2689)
Token 1: æ (prob: 0.3685)
Token 2: æ (prob: 0.3989)
Token 3: æ (prob: 0.2006)
Token 4: e (prob: 0.2578)
Token 5: t (prob: 0.2442)
True: hypnotism, Predicted: sæt
True: depopulation, Predicted: dpæt
True: disinfect, Predicted: dsæf

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.4469)
Token 1: æ (prob: 0.6463)
Token 2: æ (prob: 0.2264)
Token 3: t (prob: 0.2974)
Token 4: t (prob: 0.2054)
Token 5: t (prob: 0.3829)
True: athlete, Predicted: æt
True: chattel, Predicted: tætøl
True: gear, Predicted: gær

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.8306)
Token 1: æ (prob: 0.4006)
Token 2: l (prob: 0.6367)
Token 3: æ (prob: 0.3841)

Token 4: æ (prob: 0.2492)
Token 5: k (prob: 0.2943)
True: column, Predicted: kælæk
True: deference, Predicted: dæfæk
True: truncal, Predicted: trææl

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.9049)
Token 1: l (prob: 0.7909)
Token 2: l (prob: 0.4882)
Token 3: æ (prob: 0.6546)
Token 4: æ (prob: 0.4409)
Token 5: t (prob: 0.2502)
True: plain, Predicted: plæt
True: measurable, Predicted: mææp
True: pancreatic, Predicted: pægæ

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.5980)
Token 1: æ (prob: 0.4635)
Token 2: æ (prob: 0.2439)
Token 3: <blank> (prob: 0.3424)
Token 4: <blank> (prob: 0.4838)
Token 5: <blank> (prob: 0.2739)
True: bellow, Predicted: bæ
True: derive, Predicted: dæt
True: joyfulness, Predicted: dæt

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.4746)
Token 1: æ (prob: 0.6523)
Token 2: æ (prob: 0.2920)
Token 3: æ (prob: 0.3223)
Token 4: æ (prob: 0.2294)
Token 5: t (prob: 0.2366)
True: nor, Predicted: kæt
True: compulsorily, Predicted: kæmpæ
True: vixen, Predicted: ævæt

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.8783)
Token 1: r (prob: 0.4279)
Token 2: æ (prob: 0.4680)
Token 3: f (prob: 0.5479)
Token 4: æ (prob: 0.2413)
Token 5: f (prob: 0.1681)
True: pervert, Predicted: præfæf
True: shrive, Predicted: ræv

True: location, Predicted: læk

Raw prediction sequence (first 10 tokens):

Token 0: g (prob: 0.2161)

Token 1: æ (prob: 0.4691)

Token 2: æ (prob: 0.2350)

Token 3: æ (prob: 0.2447)

Token 4: æ (prob: 0.3549)

Token 5: æ (prob: 0.1851)

True: inconsistency, Predicted: gæ

True: mite, Predicted: næt

True: somber, Predicted: sæmbøb

Epoch 1/10, Train Loss: 0.7267, Val Loss: 0.7310

Epoch 2/10, Batch 1/335, Loss: 0.6324, Time: 0.17s

Epoch 2/10, Batch 11/335, Loss: 0.8869, Time: 0.16s

Epoch 2/10, Batch 21/335, Loss: 0.5154, Time: 0.16s

Epoch 2/10, Batch 31/335, Loss: 0.6318, Time: 0.16s

Epoch 2/10, Batch 41/335, Loss: 0.6120, Time: 0.16s

Epoch 2/10, Batch 51/335, Loss: 0.5532, Time: 0.18s

Epoch 2/10, Batch 61/335, Loss: 0.3992, Time: 0.18s

Epoch 2/10, Batch 71/335, Loss: 0.5288, Time: 0.17s

Epoch 2/10, Batch 81/335, Loss: 0.7341, Time: 0.17s

Epoch 2/10, Batch 91/335, Loss: 0.5574, Time: 0.17s

Epoch 2/10, Batch 101/335, Loss: 0.6415, Time: 0.16s

Epoch 2/10, Batch 111/335, Loss: 0.4765, Time: 0.16s

Epoch 2/10, Batch 121/335, Loss: 0.7197, Time: 0.16s

Epoch 2/10, Batch 131/335, Loss: 0.7244, Time: 0.16s

Epoch 2/10, Batch 141/335, Loss: 0.7695, Time: 0.17s

Epoch 2/10, Batch 151/335, Loss: 0.9340, Time: 0.16s

Epoch 2/10, Batch 161/335, Loss: 0.6782, Time: 0.16s

Epoch 2/10, Batch 171/335, Loss: 0.8276, Time: 0.16s

Epoch 2/10, Batch 181/335, Loss: 1.1005, Time: 0.16s

Epoch 2/10, Batch 191/335, Loss: 0.5044, Time: 0.16s

Epoch 2/10, Batch 201/335, Loss: 0.8091, Time: 0.26s

Epoch 2/10, Batch 211/335, Loss: 0.5725, Time: 0.17s

Epoch 2/10, Batch 221/335, Loss: 0.8682, Time: 0.16s

Epoch 2/10, Batch 231/335, Loss: 0.5901, Time: 0.16s

Epoch 2/10, Batch 241/335, Loss: 0.5412, Time: 0.17s

Epoch 2/10, Batch 251/335, Loss: 0.5407, Time: 0.15s

Epoch 2/10, Batch 261/335, Loss: 0.2646, Time: 0.16s

Epoch 2/10, Batch 271/335, Loss: 0.6368, Time: 0.17s

Epoch 2/10, Batch 281/335, Loss: 0.5154, Time: 0.16s

Epoch 2/10, Batch 291/335, Loss: 0.7630, Time: 0.17s

Epoch 2/10, Batch 301/335, Loss: 0.5743, Time: 0.16s

Epoch 2/10, Batch 311/335, Loss: 0.7646, Time: 0.16s

Epoch 2/10, Batch 321/335, Loss: 0.7908, Time: 0.17s

Epoch 2/10, Batch 331/335, Loss: 0.9587, Time: 0.16s

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.3701)
Token 1: æ (prob: 0.7546)
Token 2: æ (prob: 0.3937)
Token 3: æ (prob: 0.3766)
Token 4: æ (prob: 0.3238)
Token 5: (prob: 0.2306)
True: conscious, Predicted: kæ
True: overthrow, Predicted: tæɾæ
True: cocoon, Predicted: kækæ

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.9754)
Token 1: r (prob: 0.5936)
Token 2: æ (prob: 0.4054)
Token 3: æ (prob: 0.3216)
Token 4: <blank> (prob: 0.5017)
Token 5: <blank> (prob: 0.2195)
True: borough, Predicted: bræ
True: paltriness, Predicted: plædæl
True: phlegm, Predicted: flæm

Raw prediction sequence (first 10 tokens):

Token 0: (prob: 0.4973)
Token 1: (prob: 0.6244)
Token 2: æ (prob: 0.6135)
Token 3: l (prob: 0.3540)
Token 4: l (prob: 0.3480)
Token 5: l (prob: 0.4286)
True: child, Predicted: æl
True: apostolic, Predicted: tpææl
True: cracked, Predicted: kræk

Raw prediction sequence (first 10 tokens):

Token 0: m (prob: 0.8598)
Token 1: æ (prob: 0.5466)
Token 2: r (prob: 0.3351)
Token 3: æ (prob: 0.3595)
Token 4: æ (prob: 0.3568)
Token 5: t (prob: 0.1943)
True: mealiness, Predicted: mæɾæt
True: inviolate, Predicted: æfælæl
True: downhill, Predicted: dææl

Raw prediction sequence (first 10 tokens):

Token 0: g (prob: 0.6973)
Token 1: <blank> (prob: 0.4180)
Token 2: <blank> (prob: 0.4303)

Token 3: <blank> (prob: 0.6307)
Token 4: <blank> (prob: 0.7518)
Token 5: <blank> (prob: 0.4275)
True: organ, Predicted: g
True: sometimes, Predicted: dæ
True: signable, Predicted: sæd

Raw prediction sequence (first 10 tokens):

Token 0: r (prob: 0.2863)
Token 1: æ (prob: 0.3182)
Token 2: d (prob: 0.2417)
Token 3: æ (prob: 0.2831)
Token 4: æ (prob: 0.3626)
Token 5: n (prob: 0.2302)
True: ingenious, Predicted: rædæn
True: egress, Predicted: gæ
True: pansy, Predicted: pækæn

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.9443)
Token 1: æ (prob: 0.5030)
Token 2: æ (prob: 0.3327)
Token 3: æ (prob: 0.3127)
Token 4: æ (prob: 0.2089)
Token 5: r (prob: 0.2233)
True: benefactress, Predicted: bær
True: uniformity, Predicted: kævød
True: angelical, Predicted: ræven

Raw prediction sequence (first 10 tokens):

Token 0: r (prob: 0.4418)
Token 1: æ (prob: 0.6798)
Token 2: æ (prob: 0.3412)
Token 3: b (prob: 0.2501)
Token 4: e (prob: 0.4344)
Token 5: b (prob: 0.2539)
True: lambrequin, Predicted: ræbøb
True: pistol, Predicted: bæøm
True: cry, Predicted: græt

Raw prediction sequence (first 10 tokens):

Token 0: v (prob: 0.9382)
Token 1: æ (prob: 0.5577)
Token 2: æ (prob: 0.2070)
Token 3: e (prob: 0.1520)
Token 4: e (prob: 0.4323)
Token 5: m (prob: 0.2537)
True: variegate, Predicted: væøm

True: abstracted, Predicted: ræber
True: intimate, Predicted: dæt

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.9125)
Token 1: æ (prob: 0.5380)
Token 2: æ (prob: 0.2229)
Token 3: æ (prob: 0.2033)
Token 4: ə (prob: 0.3536)
Token 5: t (prob: 0.1982)
True: conscientious, Predicted: kæt
True: cactus, Predicted: kækər
True: leash, Predicted: ræt

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.4997)
Token 1: æ (prob: 0.3585)
Token 2: æ (prob: 0.2975)
Token 3: (prob: 0.2075)
Token 4: v (prob: 0.2176)
Token 5: v (prob: 0.4898)
True: turf, Predicted: sæv
True: assumable, Predicted: sælb
True: consist, Predicted: kæt

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.8996)
Token 1: k (prob: 0.3931)
Token 2: æ (prob: 0.4762)
Token 3: æ (prob: 0.2794)
Token 4: ə (prob: 0.5310)
Token 5: l (prob: 0.5894)
True: squirrel, Predicted: kæl
True: unwary, Predicted: tær
True: inquire, Predicted: kæt

Raw prediction sequence (first 10 tokens):

Token 0: m (prob: 0.3132)
Token 1: æ (prob: 0.6374)
Token 2: d (prob: 0.3603)
Token 3: d (prob: 0.7348)
Token 4: d (prob: 0.3480)
Token 5: l (prob: 0.2588)
True: middle, Predicted: mædl
True: eye, Predicted: æ
True: bloodless, Predicted: plædæl

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.4942)
Token 1: æ (prob: 0.5407)
Token 2: æ (prob: 0.2277)
Token 3: s (prob: 0.1710)
Token 4: ə (prob: 0.2252)
Token 5: (prob: 0.2369)
True: patricide, Predicted: bæse
True: renovate, Predicted: rækæv
True: rap, Predicted: ræp

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.5546)
Token 1: r (prob: 0.4000)
Token 2: æ (prob: 0.3964)
Token 3: d (prob: 0.3362)
Token 4: (prob: 0.2525)
Token 5: (prob: 0.4301)
True: garbage, Predicted: kræd
True: inception, Predicted: sæp
True: profession, Predicted: prfæ

Raw prediction sequence (first 10 tokens):

Token 0: v (prob: 0.6838)
Token 1: æ (prob: 0.6567)
Token 2: æ (prob: 0.2917)
Token 3: æ (prob: 0.1825)
Token 4: ə (prob: 0.1999)
Token 5: (prob: 0.2532)
True: voucher, Predicted: væ
True: bunchiness, Predicted: bæt
True: vindicative, Predicted: fæntæt

Raw prediction sequence (first 10 tokens):

Token 0: f (prob: 0.9760)
Token 1: l (prob: 0.9053)
Token 2: æ (prob: 0.4552)
Token 3: æ (prob: 0.5461)
Token 4: æ (prob: 0.2671)
Token 5: t (prob: 0.2603)
True: flatter, Predicted: flæt
True: transfusion, Predicted: kæfæ
True: whereby, Predicted: ræb

Raw prediction sequence (first 10 tokens):

Token 0: d (prob: 0.5223)
Token 1: æ (prob: 0.4115)
Token 2: d (prob: 0.3804)
Token 3: d (prob: 0.4672)

Token 4: ə (prob: 0.2140)
Token 5: l (prob: 0.3336)
True: twaddle, Predicted: dædəl
True: like, Predicted: læt
True: elusive, Predicted: ræv

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.6199)
Token 1: k (prob: 0.4820)
Token 2: l (prob: 0.3889)
Token 3: l (prob: 0.3126)
Token 4: ə (prob: 0.2598)
Token 5: s (prob: 0.3387)
True: scholastic, Predicted: skləs
True: abstract, Predicted: əbæ
True: sulphurize, Predicted: slf

Raw prediction sequence (first 10 tokens):

Token 0: t (prob: 0.4337)
Token 1: æ (prob: 0.4899)
Token 2: æ (prob: 0.4842)
Token 3: m (prob: 0.5362)
Token 4: <blank> (prob: 0.2645)
Token 5: n (prob: 0.1655)
True: inharmonious, Predicted: tæmn
True: torrid, Predicted: wæd
True: signification, Predicted: gæf

Raw prediction sequence (first 10 tokens):

Token 0: m (prob: 0.7098)
Token 1: æ (prob: 0.6130)
Token 2: æ (prob: 0.4801)
Token 3: æ (prob: 0.4282)
Token 4: <blank> (prob: 0.4628)
Token 5: <blank> (prob: 0.2285)
True: know, Predicted: mæ
True: breeze, Predicted: bræ
True: surveillance, Predicted: sævəl

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.7256)
Token 1: æ (prob: 0.4409)
Token 2: n (prob: 0.2321)
Token 3: d (prob: 0.7734)
Token 4: d (prob: 0.7198)
Token 5: d (prob: 0.7523)
True: condition, Predicted: kænd
True: republish, Predicted: sæb

True: freckle, Predicted: færmæl

Raw prediction sequence (first 10 tokens):

Token 0: t (prob: 0.3449)

Token 1: æ (prob: 0.4154)

Token 2: æ (prob: 0.5792)

Token 3: æ (prob: 0.3650)

Token 4: ə (prob: 0.3748)

Token 5: l (prob: 0.7138)

True: tassal, Predicted: tææl

True: kite, Predicted: kæt

True: grievance, Predicted: græv

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.2776)

Token 1: æ (prob: 0.7139)

Token 2: æ (prob: 0.4073)

Token 3: <blank> (prob: 0.6212)

Token 4: <blank> (prob: 0.7327)

Token 5: <blank> (prob: 0.3103)

True: yarm, Predicted: æ

True: bake, Predicted: bæ

True: drill, Predicted: dææl

Raw prediction sequence (first 10 tokens):

Token 0: t (prob: 0.2557)

Token 1: (prob: 0.2430)

Token 2: æ (prob: 0.7160)

Token 3: æ (prob: 0.2851)

Token 4: ə (prob: 0.4344)

Token 5: l (prob: 0.5592)

True: penal, Predicted: t ææl

True: purchasable, Predicted: rærb

True: miraculous, Predicted: mææt

Raw prediction sequence (first 10 tokens):

Token 0: m (prob: 0.2264)

Token 1: æ (prob: 0.4701)

Token 2: æ (prob: 0.4105)

Token 3: b (prob: 0.3340)

Token 4: b (prob: 0.4276)

Token 5: b (prob: 0.4601)

True: immeasure, Predicted: mæb

True: peasant, Predicted: bæ r

True: shuffling, Predicted: fælæl

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.9153)

Token 1: r (prob: 0.8650)
Token 2: r (prob: 0.4485)
Token 3: n (prob: 0.1644)
Token 4: d (prob: 0.6942)
Token 5: d (prob: 0.9056)
True: breadth, Predicted: brnd
True: abrogate, Predicted: bæək
True: obstacle, Predicted: sæ

Raw prediction sequence (first 10 tokens):

Token 0: f (prob: 0.9250)
Token 1: æ (prob: 0.5023)
Token 2: æ (prob: 0.2942)
Token 3: <blank> (prob: 0.3906)
Token 4: ŋ (prob: 0.4021)
Token 5: <blank> (prob: 0.2839)
True: function, Predicted: fæŋ
True: piecemeal, Predicted: pæəl
True: beguile, Predicted: bækæs

Raw prediction sequence (first 10 tokens):

Token 0: r (prob: 0.6988)
Token 1: æ (prob: 0.6752)
Token 2: æ (prob: 0.2538)
Token 3: t (prob: 0.2796)
Token 4: ə (prob: 0.2776)
Token 5: t (prob: 0.3260)
True: rhinestone, Predicted: rætət
True: conscionable, Predicted: rærb
True: selfconfidence, Predicted: særkf

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.4160)
Token 1: r (prob: 0.4164)
Token 2: r (prob: 0.3620)
Token 3: d (prob: 0.3323)
Token 4: d (prob: 0.4130)
Token 5: (prob: 0.3863)
True: refrigeration, Predicted: prd
True: catechetic, Predicted: kætəæ
True: agglomerate, Predicted: kræm

Raw prediction sequence (first 10 tokens):

Token 0: h (prob: 0.2806)
Token 1: æ (prob: 0.6279)
Token 2: æ (prob: 0.4699)
Token 3: <blank> (prob: 0.2919)
Token 4: p (prob: 0.6435)

Token 5: p (prob: 0.8065)
True: hasp, Predicted: hæp
True: condescend, Predicted: kædæ
True: indignant, Predicted: mææd

Raw prediction sequence (first 10 tokens):

Token 0: d (prob: 0.9253)
Token 1: æ (prob: 0.5005)
Token 2: æ (prob: 0.4689)
Token 3: <blank> (prob: 0.3557)
Token 4: <blank> (prob: 0.4323)
Token 5: <blank> (prob: 0.3209)
True: drunk, Predicted: dæ
True: lace, Predicted: læs
True: elocution, Predicted: ælæm

Raw prediction sequence (first 10 tokens):

Token 0: v (prob: 0.9040)
Token 1: æ (prob: 0.5852)
Token 2: æ (prob: 0.3377)
Token 3: (prob: 0.2389)
Token 4: ə (prob: 0.4035)
Token 5: l (prob: 0.4994)
True: valise, Predicted: væəl
True: pine, Predicted: pæ
True: imprudent, Predicted: æpæ

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.5104)
Token 1: r (prob: 0.6964)
Token 2: æ (prob: 0.4015)
Token 3: (prob: 0.3317)
Token 4: (prob: 0.3385)
Token 5: n (prob: 0.2779)
True: sprain, Predicted: præn
True: honk, Predicted: hæ
True: straightforward, Predicted: sræfd

Raw prediction sequence (first 10 tokens):

Token 0: t (prob: 0.4094)
Token 1: r (prob: 0.5016)
Token 2: æ (prob: 0.6271)
Token 3: æ (prob: 0.3778)
Token 4: v (prob: 0.2839)
Token 5: v (prob: 0.4223)
True: traffic, Predicted: træv
True: science, Predicted: sæn
True: cog, Predicted: kæn

Raw prediction sequence (first 10 tokens):

Token 0: ə (prob: 0.4209)
Token 1: b (prob: 0.2843)
Token 2: æ (prob: 0.3424)
Token 3: æ (prob: 0.4080)
Token 4: (prob: 0.2841)
Token 5: s (prob: 0.1969)
True: abashed, Predicted: əbæ s
True: eczema, Predicted: æsk
True: subdued, Predicted: dæd

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.3994)
Token 1: æ (prob: 0.5743)
Token 2: æ (prob: 0.4388)
Token 3: p (prob: 0.2561)
Token 4: ə (prob: 0.2313)
Token 5: r (prob: 0.2740)
True: spur, Predicted: sæpər
True: onward, Predicted: smæd
True: clink, Predicted: klæn

Raw prediction sequence (first 10 tokens):

Token 0: (prob: 0.2615)
Token 1: æ (prob: 0.4267)
Token 2: f (prob: 0.8397)
Token 3: æ (prob: 0.3100)
Token 4: ə (prob: 0.2811)
Token 5: r (prob: 0.3071)
True: infer, Predicted: æfæər
True: doubtful, Predicted: dæt
True: abstain, Predicted: bræd

Raw prediction sequence (first 10 tokens):

Token 0: d (prob: 0.8793)
Token 1: d (prob: 0.6067)
Token 2: æ (prob: 0.3358)
Token 3: æ (prob: 0.4337)
Token 4: <blank> (prob: 0.3398)
Token 5: r (prob: 0.2091)
True: odor, Predicted: dær
True: dismissal, Predicted: dæəl
True: doggerel, Predicted: dæræər

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.2817)
Token 1: æ (prob: 0.4350)

Token 2: k (prob: 0.4292)
Token 3: k (prob: 0.6384)
Token 4: ə (prob: 0.2529)
Token 5: æ (prob: 0.2413)
True: axis, Predicted: ækæ
True: pastorate, Predicted: pær
True: territory, Predicted: tæt

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.6768)
Token 1: æ (prob: 0.5917)
Token 2: æ (prob: 0.4740)
Token 3: æ (prob: 0.3443)
Token 4: <blank> (prob: 0.3733)
Token 5: t (prob: 0.3476)
True: pot, Predicted: bæt
True: jacosely, Predicted: dækæ
True: superlative, Predicted: slæt

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.6164)
Token 1: æ (prob: 0.3099)
Token 2: æ (prob: 0.2412)
Token 3: æ (prob: 0.2428)
Token 4: æ (prob: 0.2235)
Token 5: t (prob: 0.2915)
True: statistics, Predicted: sæt
True: elemental, Predicted: rærel
True: attainment, Predicted: æm

Raw prediction sequence (first 10 tokens):

Token 0: t (prob: 0.2240)
Token 1: æ (prob: 0.4482)
Token 2: æ (prob: 0.4822)
Token 3: b (prob: 0.3774)
Token 4: b (prob: 0.2790)
Token 5: d (prob: 0.2131)
True: attentive, Predicted: tæbd
True: indigestion, Predicted: ræd
True: vincible, Predicted: læb

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.8778)
Token 1: æ (prob: 0.5577)
Token 2: æ (prob: 0.5193)
Token 3: <blank> (prob: 0.3332)
Token 4: <blank> (prob: 0.5645)
Token 5: k (prob: 0.3315)

True: bog, Predicted: bæk
True: mellowness, Predicted: kælə
True: armada, Predicted: kærð

Raw prediction sequence (first 10 tokens):

Token 0: d (prob: 0.9636)
Token 1: æ (prob: 0.4320)
Token 2: æ (prob: 0.6028)
Token 3: æ (prob: 0.3246)
Token 4: <blank> (prob: 0.4675)
Token 5: <blank> (prob: 0.1818)
True: auditorium, Predicted: dæ
True: inaction, Predicted: mæ
True: radiant, Predicted: tæd

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.4378)
Token 1: æ (prob: 0.5905)
Token 2: æ (prob: 0.4883)
Token 3: æ (prob: 0.2457)
Token 4: ə (prob: 0.3400)
Token 5: r (prob: 0.4432)
True: chauffeur, Predicted: sæər
True: astigmatism, Predicted: sægkæ
True: lubrication, Predicted: ræbrk

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.3874)
Token 1: æ (prob: 0.4988)
Token 2: r (prob: 0.3427)
Token 3: d (prob: 0.2422)
Token 4: d (prob: 0.4926)
Token 5: d (prob: 0.3625)
True: centrode, Predicted: særd
True: trite, Predicted: træt
True: ford, Predicted: fæd

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.8261)
Token 1: æ (prob: 0.5178)
Token 2: æ (prob: 0.4111)
Token 3: æ (prob: 0.2623)
Token 4: n (prob: 0.2339)
Token 5: d (prob: 0.6156)
True: constituent, Predicted: kænd
True: contemplation, Predicted: ændæp
True: consent, Predicted: kwænd

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.3186)
Token 1: æ (prob: 0.7658)
Token 2: æ (prob: 0.3638)
Token 3: æ (prob: 0.1995)
Token 4: ə (prob: 0.4718)
Token 5: l (prob: 0.7982)
True: arsenal, Predicted: æəl
True: generate, Predicted: dæəl
True: perspective, Predicted: pæpər

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.8108)
Token 1: æ (prob: 0.7321)
Token 2: æ (prob: 0.2710)
Token 3: s (prob: 0.1685)
Token 4: ə (prob: 0.2747)
Token 5: ŋ (prob: 0.3576)
True: constrict, Predicted: kæsəŋ
True: element, Predicted: ræm
True: wretchedness, Predicted: ræd

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.8405)
Token 1: w (prob: 0.5377)
Token 2: æ (prob: 0.5456)
Token 3: æ (prob: 0.3704)
Token 4: r (prob: 0.2159)
Token 5: d (prob: 0.5975)
True: concede, Predicted: kwærd
True: orchard, Predicted: sæd
True: obituary, Predicted: sæbæt

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.7498)
Token 1: k (prob: 0.2755)
Token 2: r (prob: 0.4589)
Token 3: æ (prob: 0.4865)
Token 4: b (prob: 0.2593)
Token 5: b (prob: 0.4398)
True: scribble, Predicted: skræb
True: cynosure, Predicted: mæt
True: lever, Predicted: læv

Raw prediction sequence (first 10 tokens):

Token 0: d (prob: 0.3832)
Token 1: æ (prob: 0.4062)
Token 2: æ (prob: 0.4381)

Token 3: æ (prob: 0.3355)
Token 4: <blank> (prob: 0.2144)
Token 5: b (prob: 0.3161)
True: foible, Predicted: dæb
True: chemist, Predicted: kæmæs
True: packt, Predicted: pæen

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.5492)
Token 1: æ (prob: 0.6026)
Token 2: p (prob: 0.4182)
Token 3: p (prob: 0.5350)
Token 4: æ (prob: 0.3140)
Token 5: r (prob: 0.3892)
True: cypress, Predicted: sæpær
True: alertness, Predicted: sæt
True: predict, Predicted: prd

Raw prediction sequence (first 10 tokens):

Token 0: h (prob: 0.5253)
Token 1: æ (prob: 0.5423)
Token 2: s (prob: 0.2101)
Token 3: s (prob: 0.3545)
Token 4: æ (prob: 0.3116)
Token 5: s (prob: 0.2581)
True: histology, Predicted: hæses
True: ivy, Predicted: sæv
True: ready, Predicted: ræd

Raw prediction sequence (first 10 tokens):

Token 0: l (prob: 0.7799)
Token 1: æ (prob: 0.6124)
Token 2: æ (prob: 0.3776)
Token 3: m (prob: 0.2571)
Token 4: p (prob: 0.3184)
Token 5: p (prob: 0.4726)
True: learnable, Predicted: læmp
True: drawn, Predicted: dæøm
True: skill, Predicted: skl

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.3343)
Token 1: n (prob: 0.3900)
Token 2: d (prob: 0.5345)
Token 3: d (prob: 0.7385)
Token 4: æ (prob: 0.2632)
Token 5: æ (prob: 0.2256)
True: candidacy, Predicted: ændæ

True: sleek, Predicted: læ
True: monument, Predicted: mæn

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.2465)
Token 1: æ (prob: 0.6220)
Token 2: æ (prob: 0.3363)
Token 3: æ (prob: 0.2919)
Token 4: æ (prob: 0.2498)
Token 5: (prob: 0.2487)
True: selfish, Predicted: æ
True: accessiblility, Predicted: skræp
True: abutment, Predicted: epæn

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.6475)
Token 1: æ (prob: 0.4785)
Token 2: v (prob: 0.2725)
Token 3: v (prob: 0.3244)
Token 4: æ (prob: 0.2459)
Token 5: d (prob: 0.1602)
True: conjure, Predicted: kævæd
True: aperient, Predicted: æprærd
True: prostrate, Predicted: kæræt

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.7900)
Token 1: æ (prob: 0.4472)
Token 2: æ (prob: 0.3354)
Token 3: æ (prob: 0.1742)
Token 4: f (prob: 0.2347)
Token 5: f (prob: 0.2454)
True: purification, Predicted: bæf
True: causation, Predicted: kæ
True: permeate, Predicted: plæmæ

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.6428)
Token 1: æ (prob: 0.4925)
Token 2: æ (prob: 0.5390)
Token 3: <blank> (prob: 0.2378)
Token 4: <blank> (prob: 0.3459)
Token 5: k (prob: 0.3444)
True: pinnacle, Predicted: bæk
True: reprobate, Predicted: rb
True: fumigate, Predicted: færeg

Raw prediction sequence (first 10 tokens):

Token 0: g (prob: 0.7053)
Token 1: æ (prob: 0.4230)
Token 2: æ (prob: 0.4381)
Token 3: <blank> (prob: 0.3340)
Token 4: <blank> (prob: 0.4279)
Token 5: <blank> (prob: 0.2068)
True: denizen, Predicted: gæ
True: harshness, Predicted: æp
True: all, Predicted: æ

Raw prediction sequence (first 10 tokens):

Token 0: f (prob: 0.7499)
Token 1: r (prob: 0.6419)
Token 2: æ (prob: 0.5093)
Token 3: m (prob: 0.4471)
Token 4: æ (prob: 0.3612)
Token 5: t (prob: 0.1952)
True: promenade, Predicted: fræmæt
True: pew, Predicted: t æ
True: conjugation, Predicted: kænæk

Raw prediction sequence (first 10 tokens):

Token 0: d (prob: 0.9709)
Token 1: æ (prob: 0.5544)
Token 2: æ (prob: 0.6015)
Token 3: æ (prob: 0.4192)
Token 4: <blank> (prob: 0.5876)
Token 5: <blank> (prob: 0.2271)
True: deceit, Predicted: dæ
True: haggard, Predicted: skæd
True: hoist, Predicted: næ t

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.5174)
Token 1: p (prob: 0.6094)
Token 2: r (prob: 0.4525)
Token 3: r (prob: 0.4425)
Token 4: ə (prob: 0.3101)
Token 5: m (prob: 0.3454)
True: hypnotism, Predicted: sprəm
True: depopulation, Predicted: d bæ t
True: disinfect, Predicted: d sæt

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.6517)
Token 1: æ (prob: 0.4760)
Token 2: æ (prob: 0.2522)
Token 3: n (prob: 0.2689)

Token 4: n (prob: 0.2380)
Token 5: d (prob: 0.4240)
True: athlete, Predicted: kænd
True: chattel, Predicted: tætæl
True: gear, Predicted: gær

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.6356)
Token 1: æ (prob: 0.5646)
Token 2: r (prob: 0.2975)
Token 3: æ (prob: 0.3271)
Token 4: <blank> (prob: 0.3514)
Token 5: m (prob: 0.4967)
True: column, Predicted: kæræm
True: deference, Predicted: dæfær
True: truncal, Predicted: gæl

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.5531)
Token 1: l (prob: 0.9619)
Token 2: æ (prob: 0.6376)
Token 3: æ (prob: 0.7510)
Token 4: (prob: 0.3707)
Token 5: t (prob: 0.2842)
True: plain, Predicted: plæt
True: measurable, Predicted: mæp
True: pancreatic, Predicted: pæmøm

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.6783)
Token 1: æ (prob: 0.3545)
Token 2: l (prob: 0.3930)
Token 3: l (prob: 0.3849)
Token 4: <blank> (prob: 0.2902)
Token 5: <blank> (prob: 0.1550)
True: bellow, Predicted: bæl
True: derive, Predicted: dræt
True: joyfulness, Predicted: dæt

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.5134)
Token 1: æ (prob: 0.6306)
Token 2: <blank> (prob: 0.3675)
Token 3: <blank> (prob: 0.2912)
Token 4: <blank> (prob: 0.2939)
Token 5: l (prob: 0.2825)
True: nor, Predicted: kæl
True: compulsorily, Predicted: æræs

True: vixen, Predicted: vāvæ r

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.9401)

Token 1: r (prob: 0.5913)

Token 2: æ (prob: 0.4439)

Token 3: f (prob: 0.3654)

Token 4: e (prob: 0.4335)

Token 5: æ (prob: 0.1463)

True: pervert, Predicted: præfæ

True: shrive, Predicted: ræv

True: location, Predicted: læk

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.6630)

Token 1: æ (prob: 0.5406)

Token 2: æ (prob: 0.3629)

Token 3: s (prob: 0.2322)

Token 4: e (prob: 0.3089)

Token 5: r (prob: 0.2555)

True: inconsistency, Predicted: kæsær

True: mite, Predicted: mæt

True: somber, Predicted: sæmbøb

Epoch 2/10, Train Loss: 0.6992, Val Loss: 0.7218

Epoch 3/10, Batch 1/335, Loss: 0.5190, Time: 0.16s

Epoch 3/10, Batch 11/335, Loss: 0.7831, Time: 0.16s

Epoch 3/10, Batch 21/335, Loss: 0.8077, Time: 0.17s

Epoch 3/10, Batch 31/335, Loss: 0.7145, Time: 0.16s

Epoch 3/10, Batch 41/335, Loss: 0.7636, Time: 0.20s

Epoch 3/10, Batch 51/335, Loss: 0.6521, Time: 0.17s

Epoch 3/10, Batch 61/335, Loss: 0.4843, Time: 0.16s

Epoch 3/10, Batch 71/335, Loss: 0.2350, Time: 0.16s

Epoch 3/10, Batch 81/335, Loss: 0.5829, Time: 0.16s

Epoch 3/10, Batch 91/335, Loss: 0.5418, Time: 0.16s

Epoch 3/10, Batch 101/335, Loss: 0.9895, Time: 0.16s

Epoch 3/10, Batch 111/335, Loss: 0.4218, Time: 0.17s

Epoch 3/10, Batch 121/335, Loss: 0.3366, Time: 0.22s

Epoch 3/10, Batch 131/335, Loss: 0.7829, Time: 0.16s

Epoch 3/10, Batch 141/335, Loss: 0.6646, Time: 0.17s

Epoch 3/10, Batch 151/335, Loss: 0.4883, Time: 0.16s

Epoch 3/10, Batch 161/335, Loss: 0.7640, Time: 0.16s

Epoch 3/10, Batch 171/335, Loss: 0.8558, Time: 0.18s

Epoch 3/10, Batch 181/335, Loss: 1.0594, Time: 0.18s

Epoch 3/10, Batch 191/335, Loss: 0.5052, Time: 0.17s

Epoch 3/10, Batch 201/335, Loss: 0.8213, Time: 0.17s

Epoch 3/10, Batch 211/335, Loss: 0.6796, Time: 0.16s

Epoch 3/10, Batch 221/335, Loss: 0.6160, Time: 0.17s

Epoch 3/10, Batch 231/335, Loss: 0.7949, Time: 0.17s

Epoch 3/10, Batch 241/335, Loss: 0.5078, Time: 0.17s
Epoch 3/10, Batch 251/335, Loss: 0.6181, Time: 0.16s
Epoch 3/10, Batch 261/335, Loss: 0.6996, Time: 0.17s
Epoch 3/10, Batch 271/335, Loss: 0.7778, Time: 0.17s
Epoch 3/10, Batch 281/335, Loss: 0.7114, Time: 0.26s
Epoch 3/10, Batch 291/335, Loss: 0.5611, Time: 0.17s
Epoch 3/10, Batch 301/335, Loss: 0.6615, Time: 0.17s
Epoch 3/10, Batch 311/335, Loss: 0.8604, Time: 0.17s
Epoch 3/10, Batch 321/335, Loss: 0.5696, Time: 0.16s
Epoch 3/10, Batch 331/335, Loss: 0.7532, Time: 0.17s

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.4424)
Token 1: æ (prob: 0.5421)
Token 2: <blank> (prob: 0.2581)
Token 3: (prob: 0.1876)
Token 4: <blank> (prob: 0.2854)
Token 5: s (prob: 0.2033)
True: conscious, Predicted: kæ s
True: overthrow, Predicted: tæ
True: cocoon, Predicted: kækəs

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.9727)
Token 1: r (prob: 0.8607)
Token 2: æ (prob: 0.4975)
Token 3: <blank> (prob: 0.4080)
Token 4: <blank> (prob: 0.6042)
Token 5: <blank> (prob: 0.1665)
True: borough, Predicted: bræ
True: paltriness, Predicted: pldæ
True: phlegm, Predicted: flæm

Raw prediction sequence (first 10 tokens):

Token 0: (prob: 0.4879)
Token 1: (prob: 0.5343)
Token 2: æ (prob: 0.5029)
Token 3: l (prob: 0.6723)
Token 4: l (prob: 0.8208)
Token 5: l (prob: 0.8213)
True: child, Predicted: æl
True: apostolic, Predicted: spæel
True: cracked, Predicted: ræer

Raw prediction sequence (first 10 tokens):

Token 0: m (prob: 0.8221)
Token 1: æ (prob: 0.4606)
Token 2: r (prob: 0.3836)

Token 3: l (prob: 0.2807)
Token 4: æ (prob: 0.2859)
Token 5: r (prob: 0.2634)
True: mealiness, Predicted: mærlær
True: inviolate, Predicted: fælæ
True: downhill, Predicted: dæøl

Raw prediction sequence (first 10 tokens):

Token 0: g (prob: 0.6267)
Token 1: <blank> (prob: 0.4678)
Token 2: <blank> (prob: 0.4303)
Token 3: <blank> (prob: 0.6513)
Token 4: <blank> (prob: 0.7453)
Token 5: <blank> (prob: 0.4245)
True: organ, Predicted: g
True: sometimes, Predicted: sæ
True: signable, Predicted: sæb

Raw prediction sequence (first 10 tokens):

Token 0: (prob: 0.2276)
Token 1: æ (prob: 0.2733)
Token 2: p (prob: 0.1662)
Token 3: æ (prob: 0.5317)
Token 4: æ (prob: 0.3627)
Token 5: t (prob: 0.3025)
True: ingenious, Predicted: æpæt
True: egress, Predicted: gæt
True: pansy, Predicted: pæn

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.7625)
Token 1: æ (prob: 0.4434)
Token 2: æ (prob: 0.3972)
Token 3: æ (prob: 0.3479)
Token 4: e (prob: 0.2310)
Token 5: r (prob: 0.3493)
True: benefactress, Predicted: bæær
True: uniformity, Predicted: kævæd
True: angelical, Predicted: ræv t

Raw prediction sequence (first 10 tokens):

Token 0: l (prob: 0.3218)
Token 1: æ (prob: 0.4659)
Token 2: m (prob: 0.4469)
Token 3: b (prob: 0.5458)
Token 4: e (prob: 0.4492)
Token 5: l (prob: 0.5420)
True: lambrequin, Predicted: læmbøl

True: pistol, Predicted: bætəm
True: cry, Predicted: kræ

Raw prediction sequence (first 10 tokens):

Token 0: v (prob: 0.9224)
Token 1: æ (prob: 0.6383)
Token 2: r (prob: 0.2543)
Token 3: g (prob: 0.4504)
Token 4: æ (prob: 0.2979)
Token 5: æ (prob: 0.2621)
True: variegate, Predicted: værgæ
True: abstracted, Predicted: æbn
True: intimate, Predicted: dæt

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.7007)
Token 1: æ (prob: 0.6037)
Token 2: s (prob: 0.2538)
Token 3: s (prob: 0.2458)
Token 4: ə (prob: 0.3313)
Token 5: s (prob: 0.2389)
True: conscientious, Predicted: kəsəs
True: cactus, Predicted: kænkər
True: leash, Predicted: læs

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.4710)
Token 1: æ (prob: 0.4071)
Token 2: r (prob: 0.3839)
Token 3: v (prob: 0.2959)
Token 4: v (prob: 0.4265)
Token 5: v (prob: 0.7148)
True: turf, Predicted: særv
True: assumable, Predicted: sæmb
True: consist, Predicted: kæ

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.9097)
Token 1: æ (prob: 0.5614)
Token 2: æ (prob: 0.3577)
Token 3: æ (prob: 0.2503)
Token 4: ə (prob: 0.5297)
Token 5: l (prob: 0.2785)
True: squirrel, Predicted: kæəl
True: unwary, Predicted: tær
True: inquire, Predicted: kæ

Raw prediction sequence (first 10 tokens):

Token 0: l (prob: 0.4035)
Token 1: æ (prob: 0.6558)
Token 2: æ (prob: 0.3595)
Token 3: d (prob: 0.3421)
Token 4: ə (prob: 0.2838)
Token 5: l (prob: 0.1677)
True: middle, Predicted: lædəl
True: eye, Predicted: ə
True: bloodless, Predicted: blædəl

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.5437)
Token 1: æ (prob: 0.3809)
Token 2: æ (prob: 0.2847)
Token 3: s (prob: 0.2025)
Token 4: æ (prob: 0.1601)
Token 5: (prob: 0.2519)
True: patricide, Predicted: pæsə
True: renovate, Predicted: læv
True: rap, Predicted: ræp

Raw prediction sequence (first 10 tokens):

Token 0: l (prob: 0.3065)
Token 1: æ (prob: 0.5523)
Token 2: d (prob: 0.2736)
Token 3: d (prob: 0.3904)
Token 4: (prob: 0.5330)
Token 5: (prob: 0.3163)
True: garbage, Predicted: læd
True: inception, Predicted: wæp
True: profession, Predicted: prfær

Raw prediction sequence (first 10 tokens):

Token 0: v (prob: 0.7251)
Token 1: æ (prob: 0.6528)
Token 2: æ (prob: 0.2987)
Token 3: æ (prob: 0.2483)
Token 4: ə (prob: 0.2095)
Token 5: (prob: 0.1819)
True: voucher, Predicted: væə
True: bunchiness, Predicted: bæt
True: vindictive, Predicted: fært t

Raw prediction sequence (first 10 tokens):

Token 0: f (prob: 0.9389)
Token 1: l (prob: 0.8405)
Token 2: l (prob: 0.7119)
Token 3: æ (prob: 0.3534)

Token 4: æ (prob: 0.2219)
Token 5: t (prob: 0.3508)
True: flatter, Predicted: flæt
True: transfusion, Predicted: gæfæt
True: whereby, Predicted: sæb

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.2326)
Token 1: æ (prob: 0.4904)
Token 2: æ (prob: 0.3795)
Token 3: d (prob: 0.3642)
Token 4: ə (prob: 0.2927)
Token 5: l (prob: 0.1949)
True: twaddle, Predicted: ædəl
True: like, Predicted: læ
True: elusive, Predicted: ælv

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.7808)
Token 1: l (prob: 0.7845)
Token 2: l (prob: 0.4953)
Token 3: æ (prob: 0.2953)
Token 4: s (prob: 0.3148)
Token 5: s (prob: 0.2736)
True: scholastic, Predicted: klæs
True: abstract, Predicted: əbl
True: sulphurize, Predicted: slp

Raw prediction sequence (first 10 tokens):

Token 0: t (prob: 0.4243)
Token 1: æ (prob: 0.4961)
Token 2: æ (prob: 0.5272)
Token 3: m (prob: 0.2276)
Token 4: <blank> (prob: 0.3175)
Token 5: n (prob: 0.2060)
True: inharmonious, Predicted: tæmn
True: torrid, Predicted: srd
True: signification, Predicted: gæf

Raw prediction sequence (first 10 tokens):

Token 0: m (prob: 0.3873)
Token 1: æ (prob: 0.5774)
Token 2: <blank> (prob: 0.3843)
Token 3: <blank> (prob: 0.4312)
Token 4: <blank> (prob: 0.5721)
Token 5: r (prob: 0.3455)
True: know, Predicted: mæ
True: breeze, Predicted: bræs

True: surveillance, Predicted: væl

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.6886)

Token 1: æ (prob: 0.5133)

Token 2: æ (prob: 0.3569)

Token 3: d (prob: 0.4016)

Token 4: d (prob: 0.3910)

Token 5: d (prob: 0.4497)

True: condition, Predicted: kæd

True: republish, Predicted: wæb

True: freckle, Predicted: fræmæl

Raw prediction sequence (first 10 tokens):

Token 0: t (prob: 0.4028)

Token 1: æ (prob: 0.2965)

Token 2: æ (prob: 0.3666)

Token 3: æ (prob: 0.2856)

Token 4: l (prob: 0.4378)

Token 5: l (prob: 0.6889)

True: tassell, Predicted: tæl

True: kite, Predicted: kæt

True: grievance, Predicted: gævr

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.3783)

Token 1: æ (prob: 0.4945)

Token 2: <blank> (prob: 0.4392)

Token 3: <blank> (prob: 0.6699)

Token 4: <blank> (prob: 0.7148)

Token 5: n (prob: 0.2914)

True: yarm, Predicted: æn

True: bake, Predicted: bæ

True: drill, Predicted: dææl

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.3812)

Token 1: æ (prob: 0.3180)

Token 2: æ (prob: 0.7047)

Token 3: æ (prob: 0.1816)

Token 4: l (prob: 0.5867)

Token 5: l (prob: 0.7897)

True: penal, Predicted: pæl

True: purchasable, Predicted: ærb

True: miraculous, Predicted: lærær

Raw prediction sequence (first 10 tokens):

Token 0: m (prob: 0.2451)

Token 1: æ (prob: 0.5296)
Token 2: æ (prob: 0.3527)
Token 3: b (prob: 0.6012)
Token 4: b (prob: 0.5172)
Token 5: b (prob: 0.4331)
True: immeasure, Predicted: mæb
True: peasant, Predicted: pærl
True: shuffling, Predicted: væləl

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.9062)
Token 1: r (prob: 0.7744)
Token 2: r (prob: 0.4297)
Token 3: n (prob: 0.2321)
Token 4: d (prob: 0.6644)
Token 5: d (prob: 0.8640)
True: breadth, Predicted: brnd
True: abrogate, Predicted: əbræk
True: obstacle, Predicted: əpə

Raw prediction sequence (first 10 tokens):

Token 0: f (prob: 0.9194)
Token 1: æ (prob: 0.6246)
Token 2: <blank> (prob: 0.2971)
Token 3: ŋ (prob: 0.6655)
Token 4: ŋ (prob: 0.4621)
Token 5: k (prob: 0.2864)
True: function, Predicted: fəŋk
True: piecemeal, Predicted: pæəl
True: beguile, Predicted: bækəs

Raw prediction sequence (first 10 tokens):

Token 0: r (prob: 0.6411)
Token 1: æ (prob: 0.7383)
Token 2: æ (prob: 0.2957)
Token 3: t (prob: 0.2080)
Token 4: ə (prob: 0.4347)
Token 5: r (prob: 0.2513)
True: rhinestone, Predicted: rætər
True: conscionable, Predicted: æb
True: selfconfidence, Predicted: sərfæf

Raw prediction sequence (first 10 tokens):

Token 0: r (prob: 0.2381)
Token 1: æ (prob: 0.4300)
Token 2: r (prob: 0.3023)
Token 3: v (prob: 0.3272)
Token 4: (prob: 0.2443)

Token 5: (prob: 0.3526)
True: refrigeration, Predicted: rærv
True: catechetic, Predicted: kææs
True: agglomerate, Predicted: klæn

Raw prediction sequence (first 10 tokens):

Token 0: w (prob: 0.2371)
Token 1: æ (prob: 0.5303)
Token 2: æ (prob: 0.3211)
Token 3: p (prob: 0.3286)
Token 4: p (prob: 0.6669)
Token 5: p (prob: 0.7808)
True: hasp, Predicted: wæp
True: condescend, Predicted: kændær
True: indignant, Predicted: læt

Raw prediction sequence (first 10 tokens):

Token 0: d (prob: 0.9428)
Token 1: r (prob: 0.4853)
Token 2: r (prob: 0.3544)
Token 3: æ (prob: 0.3102)
Token 4: <blank> (prob: 0.1970)
Token 5: s (prob: 0.1789)
True: drunk, Predicted: dræs
True: lace, Predicted: læ
True: elocution, Predicted: rlæks

Raw prediction sequence (first 10 tokens):

Token 0: v (prob: 0.9183)
Token 1: æ (prob: 0.6598)
Token 2: æ (prob: 0.3784)
Token 3: æ (prob: 0.2953)
Token 4: ø (prob: 0.2171)
Token 5: l (prob: 0.4660)
True: valise, Predicted: væl
True: pine, Predicted: pæ
True: imprudent, Predicted: mpæl

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.4446)
Token 1: r (prob: 0.7754)
Token 2: r (prob: 0.6329)
Token 3: æ (prob: 0.4045)
Token 4: (prob: 0.3953)
Token 5: n (prob: 0.3827)
True: sprain, Predicted: præn
True: honk, Predicted: hn
True: straightforward, Predicted: sræv

Raw prediction sequence (first 10 tokens):

Token 0: t (prob: 0.4078)
Token 1: r (prob: 0.8861)
Token 2: æ (prob: 0.4794)
Token 3: æ (prob: 0.4137)
Token 4: (prob: 0.2417)
Token 5: v (prob: 0.4801)
True: traffic, Predicted: træ v
True: science, Predicted: sæ æs
True: cog, Predicted: kæk

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.4671)
Token 1: b (prob: 0.4372)
Token 2: æ (prob: 0.2020)
Token 3: æ (prob: 0.3804)
Token 4: <blank> (prob: 0.2890)
Token 5: s (prob: 0.2032)
True: abashed, Predicted: æbæs
True: eczema, Predicted: sæsk
True: subdued, Predicted: sdæt

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.4269)
Token 1: æ (prob: 0.3971)
Token 2: æ (prob: 0.3379)
Token 3: p (prob: 0.2995)
Token 4: l (prob: 0.2331)
Token 5: l (prob: 0.3663)
True: spur, Predicted: sæpl
True: onward, Predicted: skæd
True: clink, Predicted: klæŋk

Raw prediction sequence (first 10 tokens):

Token 0: (prob: 0.3053)
Token 1: æ (prob: 0.4779)
Token 2: f (prob: 0.8812)
Token 3: æ (prob: 0.3047)
Token 4: r (prob: 0.2771)
Token 5: r (prob: 0.4057)
True: infer, Predicted: æfær
True: doubtful, Predicted: d sæt
True: abstain, Predicted: bræt

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.3669)
Token 1: d (prob: 0.5210)

Token 2: æ (prob: 0.3352)
Token 3: æ (prob: 0.5469)
Token 4: æ (prob: 0.2146)
Token 5: r (prob: 0.2391)
True: odor, Predicted: ædær
True: dismissal, Predicted: d ræær
True: doggerel, Predicted: dæær

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.3576)
Token 1: æ (prob: 0.5088)
Token 2: k (prob: 0.3447)
Token 3: k (prob: 0.3645)
Token 4: ə (prob: 0.3353)
Token 5: s (prob: 0.2512)
True: axis, Predicted: ækəs
True: pastorate, Predicted: pær
True: territory, Predicted: tæt

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.8285)
Token 1: æ (prob: 0.5689)
Token 2: æ (prob: 0.4185)
Token 3: <blank> (prob: 0.3363)
Token 4: <blank> (prob: 0.4841)
Token 5: t (prob: 0.4501)
True: pot, Predicted: bæt
True: jacosely, Predicted: d ægæ
True: superlative, Predicted: plæt

Raw prediction sequence (first 10 tokens):

Token 0: t (prob: 0.4709)
Token 1: æ (prob: 0.4255)
Token 2: æ (prob: 0.2735)
Token 3: æ (prob: 0.2431)
Token 4: ə (prob: 0.2703)
Token 5: æ (prob: 0.1858)
True: statistics, Predicted: tæææ
True: elemental, Predicted: rlræl
True: attainment, Predicted: æm

Raw prediction sequence (first 10 tokens):

Token 0: t (prob: 0.1740)
Token 1: æ (prob: 0.5722)
Token 2: æ (prob: 0.4243)
Token 3: b (prob: 0.2017)
Token 4: d (prob: 0.1887)
Token 5: d (prob: 0.3260)

True: attentive, Predicted: tæbd
True: indigestion, Predicted: ræø
True: vincible, Predicted: fæb

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.7439)
Token 1: æ (prob: 0.5771)
Token 2: <blank> (prob: 0.3166)
Token 3: <blank> (prob: 0.3345)
Token 4: <blank> (prob: 0.6048)
Token 5: k (prob: 0.3505)
True: bog, Predicted: bæk
True: mellowness, Predicted: mælæ
True: armada, Predicted: æræd

Raw prediction sequence (first 10 tokens):

Token 0: d (prob: 0.7201)
Token 1: æ (prob: 0.4401)
Token 2: æ (prob: 0.5979)
Token 3: æ (prob: 0.3445)
Token 4: <blank> (prob: 0.2679)
Token 5: m (prob: 0.3147)
True: auditorium, Predicted: dæm
True: inaction, Predicted: kæk
True: radiant, Predicted: rædød

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.3362)
Token 1: æ (prob: 0.5381)
Token 2: æ (prob: 0.3350)
Token 3: s (prob: 0.1981)
Token 4: ø (prob: 0.3952)
Token 5: r (prob: 0.5332)
True: chauffeur, Predicted: sæser
True: astigmatism, Predicted: sæger
True: lubrication, Predicted: ræbæs

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.4716)
Token 1: æ (prob: 0.4775)
Token 2: r (prob: 0.3260)
Token 3: æ (prob: 0.3278)
Token 4: d (prob: 0.3670)
Token 5: (prob: 0.3423)
True: centrod, Predicted: særød
True: trite, Predicted: træt
True: ford, Predicted: fæd

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.7353)
Token 1: æ (prob: 0.5251)
Token 2: æ (prob: 0.3907)
Token 3: æ (prob: 0.2618)
Token 4: ə (prob: 0.2630)
Token 5: t (prob: 0.3790)
True: constituent, Predicted: kæt
True: contemplation, Predicted: ænæp
True: consent, Predicted: kænd

Raw prediction sequence (first 10 tokens):

Token 0: h (prob: 0.4928)
Token 1: æ (prob: 0.6726)
Token 2: <blank> (prob: 0.3273)
Token 3: <blank> (prob: 0.2577)
Token 4: l (prob: 0.5290)
Token 5: l (prob: 0.8343)
True: arsenal, Predicted: hæl
True: generate, Predicted: dæl
True: perspective, Predicted: pæpæ

Raw prediction sequence (first 10 tokens):

Token 0: n (prob: 0.2410)
Token 1: æ (prob: 0.4750)
Token 2: s (prob: 0.2141)
Token 3: s (prob: 0.2999)
Token 4: <blank> (prob: 0.3106)
Token 5: ŋ (prob: 0.2932)
True: constrict, Predicted: næsŋ
True: element, Predicted: slæər
True: wretchedness, Predicted: læd

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.8852)
Token 1: æ (prob: 0.4290)
Token 2: æ (prob: 0.4068)
Token 3: æ (prob: 0.2765)
Token 4: d (prob: 0.2602)
Token 5: d (prob: 0.5226)
True: concede, Predicted: kæd
True: orchard, Predicted: fæd
True: obituary, Predicted: ææbæt

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.7990)
Token 1: l (prob: 0.2989)
Token 2: æ (prob: 0.3542)

Token 3: æ (prob: 0.3980)
Token 4: b (prob: 0.6576)
Token 5: b (prob: 0.6008)
True: scribble, Predicted: slæb
True: cynosure, Predicted: sæksæs
True: lever, Predicted: lævør

Raw prediction sequence (first 10 tokens):

Token 0: (prob: 0.4200)
Token 1: æ (prob: 0.5969)
Token 2: æ (prob: 0.4861)
Token 3: <blank> (prob: 0.2808)
Token 4: <blank> (prob: 0.3049)
Token 5: b (prob: 0.2040)
True: foible, Predicted: æb
True: chemist, Predicted: kæmæs
True: packt, Predicted: pæ

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.5956)
Token 1: æ (prob: 0.5613)
Token 2: p (prob: 0.4771)
Token 3: p (prob: 0.5976)
Token 4: e (prob: 0.3179)
Token 5: r (prob: 0.5069)
True: cypress, Predicted: sæpør
True: alertness, Predicted: hælæt
True: predict, Predicted: prædæ

Raw prediction sequence (first 10 tokens):

Token 0: h (prob: 0.5976)
Token 1: æ (prob: 0.3661)
Token 2: s (prob: 0.3834)
Token 3: s (prob: 0.5425)
Token 4: e (prob: 0.3057)
Token 5: s (prob: 0.3488)
True: histology, Predicted: hæses
True: ivy, Predicted: sæv
True: ready, Predicted: ræd

Raw prediction sequence (first 10 tokens):

Token 0: l (prob: 0.6648)
Token 1: æ (prob: 0.5628)
Token 2: m (prob: 0.3573)
Token 3: b (prob: 0.5258)
Token 4: e (prob: 0.3497)
Token 5: b (prob: 0.3173)
True: learnable, Predicted: læmbøb

True: drawn, Predicted: dæg
True: skill, Predicted: skl

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.3050)
Token 1: æ (prob: 0.4058)
Token 2: d (prob: 0.3451)
Token 3: d (prob: 0.4829)
Token 4: æ (prob: 0.3051)
Token 5: æ (prob: 0.3122)
True: candidacy, Predicted: ædæ
True: sleek, Predicted: læk
True: monument, Predicted: mæt

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.2279)
Token 1: æ (prob: 0.4620)
Token 2: r (prob: 0.3095)
Token 3: æ (prob: 0.2027)
Token 4: æ (prob: 0.2264)
Token 5: (prob: 0.3318)
True: selfish, Predicted: æræ
True: accessibility, Predicted: sræp
True: abutment, Predicted: epæn

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.4301)
Token 1: æ (prob: 0.5746)
Token 2: v (prob: 0.6870)
Token 3: v (prob: 0.6849)
Token 4: æ (prob: 0.3268)
Token 5: s (prob: 0.2205)
True: conjure, Predicted: kævæs
True: aperient, Predicted: d fææt
True: prostrate, Predicted: kæræt

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.4859)
Token 1: æ (prob: 0.3946)
Token 2: æ (prob: 0.3720)
Token 3: f (prob: 0.2706)
Token 4: f (prob: 0.3120)
Token 5: f (prob: 0.2645)
True: purification, Predicted: pæf
True: causation, Predicted: kæ
True: permeate, Predicted: plæs

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.5521)
Token 1: æ (prob: 0.4454)
Token 2: æ (prob: 0.4979)
Token 3: <blank> (prob: 0.2946)
Token 4: <blank> (prob: 0.3633)
Token 5: k (prob: 0.2917)
True: pinnacle, Predicted: pæk
True: reprobate, Predicted: pærbøb
True: fumigate, Predicted: færxæg

Raw prediction sequence (first 10 tokens):

Token 0: g (prob: 0.7236)
Token 1: æ (prob: 0.3490)
Token 2: æ (prob: 0.3959)
Token 3: <blank> (prob: 0.2838)
Token 4: <blank> (prob: 0.3392)
Token 5: ŋ (prob: 0.1698)
True: denizen, Predicted: gæŋ
True: harshness, Predicted: hæpr
True: all, Predicted: æ

Raw prediction sequence (first 10 tokens):

Token 0: f (prob: 0.7722)
Token 1: l (prob: 0.3167)
Token 2: m (prob: 0.4312)
Token 3: m (prob: 0.4178)
Token 4: æ (prob: 0.2522)
Token 5: t (prob: 0.3204)
True: promenade, Predicted: flmæt
True: pew, Predicted: p æ
True: conjugation, Predicted: kæk

Raw prediction sequence (first 10 tokens):

Token 0: d (prob: 0.9707)
Token 1: (prob: 0.4507)
Token 2: æ (prob: 0.3202)
Token 3: æ (prob: 0.4147)
Token 4: <blank> (prob: 0.4424)
Token 5: s (prob: 0.1968)
True: deceit, Predicted: d æs
True: haggard, Predicted: skærd
True: hoist, Predicted: nær

Raw prediction sequence (first 10 tokens):

Token 0: d (prob: 0.2395)
Token 1: r (prob: 0.3866)
Token 2: r (prob: 0.4073)
Token 3: æ (prob: 0.2860)

Token 4: ə (prob: 0.4557)
Token 5: r (prob: 0.2744)
True: hypnotism, Predicted: dræər
True: depopulation, Predicted: dpæt
True: disinfect, Predicted: dsæt

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.3678)
Token 1: æ (prob: 0.5251)
Token 2: r (prob: 0.2075)
Token 3: n (prob: 0.3082)
Token 4: n (prob: 0.1911)
Token 5: t (prob: 0.3678)
True: athlete, Predicted: ærnt
True: chattel, Predicted: tætəl
True: gear, Predicted: gær

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.9420)
Token 1: æ (prob: 0.3178)
Token 2: l (prob: 0.5037)
Token 3: æ (prob: 0.4227)
Token 4: <blank> (prob: 0.2165)
Token 5: k (prob: 0.3350)
True: column, Predicted: kælæk
True: deference, Predicted: dføk
True: truncal, Predicted: æŋkəl

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.7289)
Token 1: l (prob: 0.9592)
Token 2: l (prob: 0.5931)
Token 3: æ (prob: 0.7704)
Token 4: æ (prob: 0.3287)
Token 5: t (prob: 0.2472)
True: plain, Predicted: plæt
True: measurable, Predicted: mæbp
True: pancreatic, Predicted: pæmæp

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.5467)
Token 1: æ (prob: 0.3596)
Token 2: l (prob: 0.3540)
Token 3: l (prob: 0.4961)
Token 4: <blank> (prob: 0.2909)
Token 5: l (prob: 0.1953)
True: bellow, Predicted: bæl
True: derive, Predicted: dræt

True: joyfulness, Predicted: dæt

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.4003)

Token 1: æ (prob: 0.5198)

Token 2: <blank> (prob: 0.3068)

Token 3: l (prob: 0.3920)

Token 4: l (prob: 0.2912)

Token 5: l (prob: 0.2926)

True: nor, Predicted: kæl

True: compulsorily, Predicted: præs

True: vixen, Predicted: væs

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.9484)

Token 1: r (prob: 0.5877)

Token 2: æ (prob: 0.4730)

Token 3: v (prob: 0.3431)

Token 4: e (prob: 0.2955)

Token 5: r (prob: 0.1391)

True: pervert, Predicted: prævør

True: shrive, Predicted: ræv

True: location, Predicted: læk

Raw prediction sequence (first 10 tokens):

Token 0: g (prob: 0.4804)

Token 1: æ (prob: 0.4445)

Token 2: æ (prob: 0.2455)

Token 3: s (prob: 0.2343)

Token 4: e (prob: 0.2720)

Token 5: s (prob: 0.2682)

True: inconsistency, Predicted: gæsæs

True: mite, Predicted: mæt

True: somber, Predicted: sæmbøb

Epoch 3/10, Train Loss: 0.6839, Val Loss: 0.7124

Epoch 4/10, Batch 1/335, Loss: 0.7253, Time: 0.16s

Epoch 4/10, Batch 11/335, Loss: 0.7919, Time: 0.17s

Epoch 4/10, Batch 21/335, Loss: 0.7246, Time: 0.17s

Epoch 4/10, Batch 31/335, Loss: 0.6807, Time: 0.17s

Epoch 4/10, Batch 41/335, Loss: 0.6770, Time: 0.16s

Epoch 4/10, Batch 51/335, Loss: 0.6887, Time: 0.16s

Epoch 4/10, Batch 61/335, Loss: 0.7736, Time: 0.17s

Epoch 4/10, Batch 71/335, Loss: 0.6755, Time: 0.16s

Epoch 4/10, Batch 81/335, Loss: 0.8598, Time: 0.17s

Epoch 4/10, Batch 91/335, Loss: 0.8118, Time: 0.18s

Epoch 4/10, Batch 101/335, Loss: 0.7481, Time: 0.16s

Epoch 4/10, Batch 111/335, Loss: 0.5322, Time: 0.17s

Epoch 4/10, Batch 121/335, Loss: 0.6255, Time: 0.17s

Epoch 4/10, Batch 131/335, Loss: 0.6674, Time: 0.16s
 Epoch 4/10, Batch 141/335, Loss: 0.5630, Time: 0.17s
 Epoch 4/10, Batch 151/335, Loss: 0.8991, Time: 0.16s
 Epoch 4/10, Batch 161/335, Loss: 0.5235, Time: 0.16s
 Epoch 4/10, Batch 171/335, Loss: 0.5966, Time: 0.16s
 Epoch 4/10, Batch 181/335, Loss: 0.8122, Time: 0.18s
 Epoch 4/10, Batch 191/335, Loss: 0.7334, Time: 0.18s
 Epoch 4/10, Batch 201/335, Loss: 0.7246, Time: 0.17s
 Epoch 4/10, Batch 211/335, Loss: 0.6561, Time: 0.16s
 Epoch 4/10, Batch 221/335, Loss: 0.8219, Time: 0.19s
 Epoch 4/10, Batch 231/335, Loss: 0.7329, Time: 0.18s
 Epoch 4/10, Batch 241/335, Loss: 0.8912, Time: 0.16s
 Epoch 4/10, Batch 251/335, Loss: 1.0454, Time: 0.16s
 Epoch 4/10, Batch 261/335, Loss: 0.7842, Time: 0.17s
 Epoch 4/10, Batch 271/335, Loss: 0.9090, Time: 0.17s
 Epoch 4/10, Batch 281/335, Loss: 0.4628, Time: 0.18s
 Epoch 4/10, Batch 291/335, Loss: 0.9179, Time: 0.17s
 Epoch 4/10, Batch 301/335, Loss: 0.6442, Time: 0.17s
 Epoch 4/10, Batch 311/335, Loss: 0.6115, Time: 0.17s
 Epoch 4/10, Batch 321/335, Loss: 0.9234, Time: 0.17s
 Epoch 4/10, Batch 331/335, Loss: 0.7384, Time: 0.16s

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.2282)
 Token 1: æ (prob: 0.6253)
 Token 2: æ (prob: 0.2067)
 Token 3: æ (prob: 0.2300)
 Token 4: <blank> (prob: 0.2731)
 Token 5: s (prob: 0.1411)
 True: conscious, Predicted: kæs
 True: overthrow, Predicted: æræ
 True: cocoon, Predicted: kæk

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.9797)
 Token 1: r (prob: 0.8421)
 Token 2: æ (prob: 0.6083)
 Token 3: æ (prob: 0.4156)
 Token 4: <blank> (prob: 0.6270)
 Token 5: <blank> (prob: 0.2097)
 True: borough, Predicted: bræ
 True: paltriness, Predicted: pldææ
 True: phlegm, Predicted: flæm

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.4044)
 Token 1: æ (prob: 0.2846)
 Token 2: æ (prob: 0.6442)

Token 3: l (prob: 0.7358)
Token 4: l (prob: 0.8412)
Token 5: l (prob: 0.8006)
True: child, Predicted: pæl
True: apostolic, Predicted: spææl
True: cracked, Predicted: kær

Raw prediction sequence (first 10 tokens):

Token 0: m (prob: 0.7788)
Token 1: æ (prob: 0.4617)
Token 2: æ (prob: 0.3297)
Token 3: l (prob: 0.2406)
Token 4: l (prob: 0.2899)
Token 5: t (prob: 0.2596)
True: mealiness, Predicted: mælt
True: inviolate, Predicted: æl
True: downhill, Predicted: dæm

Raw prediction sequence (first 10 tokens):

Token 0: g (prob: 0.6916)
Token 1: <blank> (prob: 0.4316)
Token 2: <blank> (prob: 0.4259)
Token 3: <blank> (prob: 0.6568)
Token 4: <blank> (prob: 0.7742)
Token 5: <blank> (prob: 0.5348)
True: organ, Predicted: g
True: sometimes, Predicted: ætæn
True: signable, Predicted: sæd

Raw prediction sequence (first 10 tokens):

Token 0: (prob: 0.3310)
Token 1: n (prob: 0.3452)
Token 2: v (prob: 0.4121)
Token 3: æ (prob: 0.3685)
Token 4: æ (prob: 0.2801)
Token 5: t (prob: 0.2538)
True: ingenious, Predicted: nvæt
True: egress, Predicted: græs
True: pansy, Predicted: pæn

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.8707)
Token 1: æ (prob: 0.5732)
Token 2: æ (prob: 0.4149)
Token 3: æ (prob: 0.3470)
Token 4: e (prob: 0.3028)
Token 5: l (prob: 0.2528)
True: benefactress, Predicted: bææl

True: uniformity, Predicted: kævød
True: angelical, Predicted: ræd t

Raw prediction sequence (first 10 tokens):

Token 0: r (prob: 0.3788)
Token 1: æ (prob: 0.3402)
Token 2: m (prob: 0.7367)
Token 3: p (prob: 0.2707)
Token 4: ə (prob: 0.4710)
Token 5: l (prob: 0.4765)
True: lambrequin, Predicted: ræmpəl
True: pistol, Predicted: bæ̃t
True: cry, Predicted: græt

Raw prediction sequence (first 10 tokens):

Token 0: v (prob: 0.9099)
Token 1: æ (prob: 0.7518)
Token 2: l (prob: 0.3748)
Token 3: g (prob: 0.3774)
Token 4: æ (prob: 0.2939)
Token 5: æ (prob: 0.2485)
True: variegate, Predicted: vælgæ
True: abstracted, Predicted: æbæn
True: intimate, Predicted: dæn

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.7395)
Token 1: æ (prob: 0.6403)
Token 2: æ (prob: 0.2127)
Token 3: (prob: 0.1975)
Token 4: ə (prob: 0.3340)
Token 5: t (prob: 0.1753)
True: conscientious, Predicted: kæt
True: cactus, Predicted: kækəl
True: leash, Predicted: ræ

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.3834)
Token 1: æ (prob: 0.5592)
Token 2: r (prob: 0.2819)
Token 3: v (prob: 0.2248)
Token 4: v (prob: 0.2674)
Token 5: v (prob: 0.6422)
True: turf, Predicted: særv
True: assumable, Predicted: sæmb
True: consist, Predicted: k

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.6926)
Token 1: æ (prob: 0.6806)
Token 2: æ (prob: 0.4467)
Token 3: æ (prob: 0.3719)
Token 4: ə (prob: 0.5503)
Token 5: l (prob: 0.6689)
True: squirrel, Predicted: kæəl
True: unwary, Predicted: tær
True: inquire, Predicted: kæ

Raw prediction sequence (first 10 tokens):

Token 0: r (prob: 0.3019)
Token 1: æ (prob: 0.6682)
Token 2: d (prob: 0.3797)
Token 3: d (prob: 0.7564)
Token 4: ə (prob: 0.3280)
Token 5: l (prob: 0.4480)
True: middle, Predicted: rædəl
True: eye, Predicted: æ
True: bloodless, Predicted: blædəl

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.8506)
Token 1: æ (prob: 0.5005)
Token 2: æ (prob: 0.3915)
Token 3: s (prob: 0.2091)
Token 4: ə (prob: 0.1712)
Token 5: (prob: 0.2142)
True: patricide, Predicted: pæse
True: renovate, Predicted: ræv
True: rap, Predicted: læp

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.5197)
Token 1: æ (prob: 0.3495)
Token 2: æ (prob: 0.2072)
Token 3: b (prob: 0.4705)
Token 4: (prob: 0.3675)
Token 5: (prob: 0.4164)
True: garbage, Predicted: kæb
True: inception, Predicted: wæp
True: profession, Predicted: præd

Raw prediction sequence (first 10 tokens):

Token 0: v (prob: 0.7285)
Token 1: æ (prob: 0.7438)
Token 2: æ (prob: 0.4405)
Token 3: æ (prob: 0.2515)

Token 4: ə (prob: 0.1779)
Token 5: (prob: 0.2125)
True: voucher, Predicted: væə
True: bunchiness, Predicted: bæræd
True: vindictive, Predicted: fænt t

Raw prediction sequence (first 10 tokens):

Token 0: f (prob: 0.9447)
Token 1: l (prob: 0.9223)
Token 2: æ (prob: 0.5717)
Token 3: æ (prob: 0.6611)
Token 4: æ (prob: 0.3226)
Token 5: t (prob: 0.3605)
True: flatter, Predicted: flæt
True: transfusion, Predicted: kæfæt
True: whereby, Predicted: ræb

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.1874)
Token 1: æ (prob: 0.4668)
Token 2: d (prob: 0.4585)
Token 3: d (prob: 0.4581)
Token 4: ə (prob: 0.2352)
Token 5: l (prob: 0.3365)
True: twaddle, Predicted: ædəl
True: like, Predicted: læ
True: elusive, Predicted: rlæv

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.3662)
Token 1: k (prob: 0.4563)
Token 2: l (prob: 0.6375)
Token 3: l (prob: 0.4218)
Token 4: æ (prob: 0.2192)
Token 5: s (prob: 0.2253)
True: scholastic, Predicted: sklæs
True: abstract, Predicted: əbæs
True: sulphurize, Predicted: slfə

Raw prediction sequence (first 10 tokens):

Token 0: t (prob: 0.4958)
Token 1: æ (prob: 0.5381)
Token 2: æ (prob: 0.5764)
Token 3: m (prob: 0.5540)
Token 4: m (prob: 0.3606)
Token 5: s (prob: 0.1681)
True: inharmonious, Predicted: tæms
True: torrid, Predicted: sæd

True: signification, Predicted: gæf

Raw prediction sequence (first 10 tokens):

Token 0: n (prob: 0.4854)
Token 1: æ (prob: 0.6541)
Token 2: æ (prob: 0.4942)
Token 3: æ (prob: 0.4117)
Token 4: <blank> (prob: 0.4313)
Token 5: r (prob: 0.2690)
True: know, Predicted: nær
True: breeze, Predicted: bræ
True: surveillance, Predicted: vævæl

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.6530)
Token 1: æ (prob: 0.5168)
Token 2: n (prob: 0.3866)
Token 3: d (prob: 0.8321)
Token 4: d (prob: 0.4888)
Token 5: æ (prob: 0.2750)
True: condition, Predicted: kændæ
True: republish, Predicted: wæb
True: freckle, Predicted: fæmæl

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.3976)
Token 1: p (prob: 0.3661)
Token 2: p (prob: 0.4163)
Token 3: æ (prob: 0.3830)
Token 4: l (prob: 0.5109)
Token 5: l (prob: 0.8563)
True: tassel, Predicted: spæl
True: kite, Predicted: kæt
True: grievance, Predicted: grævd

Raw prediction sequence (first 10 tokens):

Token 0: h (prob: 0.2742)
Token 1: æ (prob: 0.6718)
Token 2: æ (prob: 0.4992)
Token 3: <blank> (prob: 0.6958)
Token 4: <blank> (prob: 0.7873)
Token 5: n (prob: 0.3757)
True: yarm, Predicted: hæn
True: bake, Predicted: bæ
True: drill, Predicted: dææl

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.6058)

Token 1: æ (prob: 0.5034)
Token 2: æ (prob: 0.7530)
Token 3: æ (prob: 0.2595)
Token 4: l (prob: 0.5016)
Token 5: l (prob: 0.8693)
True: penal, Predicted: pæl
True: purchasable, Predicted: ærbøb
True: miraculous, Predicted: mæræt

Raw prediction sequence (first 10 tokens):

Token 0: r (prob: 0.3270)
Token 1: æ (prob: 0.5575)
Token 2: æ (prob: 0.4514)
Token 3: b (prob: 0.4904)
Token 4: b (prob: 0.4851)
Token 5: b (prob: 0.4821)
True: immeasure, Predicted: ræb
True: peasant, Predicted: pæl
True: shuffling, Predicted: væl

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.9218)
Token 1: r (prob: 0.8642)
Token 2: æ (prob: 0.4009)
Token 3: d (prob: 0.2970)
Token 4: d (prob: 0.8727)
Token 5: d (prob: 0.9159)
True: breadth, Predicted: bræd
True: abrogate, Predicted: bræm
True: obstacle, Predicted: bæ

Raw prediction sequence (first 10 tokens):

Token 0: f (prob: 0.9251)
Token 1: æ (prob: 0.7752)
Token 2: æ (prob: 0.4739)
Token 3: ŋ (prob: 0.5595)
Token 4: ŋ (prob: 0.5666)
Token 5: k (prob: 0.3521)
True: function, Predicted: fæŋk
True: piecemeal, Predicted: pææl
True: beguile, Predicted: bækæ

Raw prediction sequence (first 10 tokens):

Token 0: r (prob: 0.6457)
Token 1: æ (prob: 0.8281)
Token 2: æ (prob: 0.4315)
Token 3: n (prob: 0.2450)
Token 4: ə (prob: 0.2856)

Token 5: r (prob: 0.1949)
True: rhinestone, Predicted: rænər
True: conscionable, Predicted: æbəb
True: selfconfidence, Predicted: sərfeɪ

Raw prediction sequence (first 10 tokens):

Token 0: r (prob: 0.3078)
Token 1: r (prob: 0.5455)
Token 2: r (prob: 0.4078)
Token 3: d (prob: 0.3492)
Token 4: d (prob: 0.4599)
Token 5: (prob: 0.5287)
True: refrigeration, Predicted: rd
True: catechetic, Predicted: kætəp
True: agglomerate, Predicted: klræm

Raw prediction sequence (first 10 tokens):

Token 0: h (prob: 0.2473)
Token 1: æ (prob: 0.6259)
Token 2: æ (prob: 0.3925)
Token 3: p (prob: 0.5019)
Token 4: p (prob: 0.7874)
Token 5: p (prob: 0.8631)
True: hasp, Predicted: hæp
True: condescend, Predicted: kndæ
True: indignant, Predicted: læd

Raw prediction sequence (first 10 tokens):

Token 0: d (prob: 0.9448)
Token 1: r (prob: 0.4100)
Token 2: r (prob: 0.4872)
Token 3: æ (prob: 0.3281)
Token 4: <blank> (prob: 0.1560)
Token 5: n (prob: 0.2040)
True: drunk, Predicted: dræn
True: lace, Predicted: læs
True: elocution, Predicted: rlæk

Raw prediction sequence (first 10 tokens):

Token 0: v (prob: 0.7309)
Token 1: æ (prob: 0.8135)
Token 2: æ (prob: 0.6200)
Token 3: æ (prob: 0.3161)
Token 4: <blank> (prob: 0.2993)
Token 5: r (prob: 0.1924)
True: valise, Predicted: vær
True: pine, Predicted: pæ
True: imprudent, Predicted: mpæd

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.6514)

Token 1: r (prob: 0.7349)

Token 2: r (prob: 0.4891)

Token 3: æ (prob: 0.3299)

Token 4: (prob: 0.3631)

Token 5: n (prob: 0.3064)

True: sprain, Predicted: præ n

True: honk, Predicted: hæn k

True: straightforward, Predicted: træ d

Raw prediction sequence (first 10 tokens):

Token 0: t (prob: 0.4432)

Token 1: r (prob: 0.7734)

Token 2: æ (prob: 0.6849)

Token 3: æ (prob: 0.3757)

Token 4: v (prob: 0.4233)

Token 5: v (prob: 0.5509)

True: traffic, Predicted: træ v

True: science, Predicted: sæ mæs

True: cog, Predicted: kæk

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.6225)

Token 1: b (prob: 0.5375)

Token 2: b (prob: 0.2379)

Token 3: æ (prob: 0.4373)

Token 4: (prob: 0.3367)

Token 5: s (prob: 0.2614)

True: abashed, Predicted: æbæ s

True: eczema, Predicted: wæsmæ

True: subdued, Predicted: tdæd

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.6968)

Token 1: p (prob: 0.4461)

Token 2: p (prob: 0.5146)

Token 3: æ (prob: 0.5120)

Token 4: æ (prob: 0.2112)

Token 5: r (prob: 0.3158)

True: spur, Predicted: spær

True: onward, Predicted: slæd

True: clink, Predicted: klæn

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.2800)

Token 1: æ (prob: 0.2888)

Token 2: f (prob: 0.7935)
Token 3: æ (prob: 0.4158)
Token 4: æ (prob: 0.2399)
Token 5: r (prob: 0.2514)
True: infer, Predicted: æfær
True: doubtful, Predicted: dæt
True: abstain, Predicted: bræt

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.2890)
Token 1: d (prob: 0.5350)
Token 2: æ (prob: 0.3545)
Token 3: æ (prob: 0.4841)
Token 4: <blank> (prob: 0.2042)
Token 5: m (prob: 0.2024)
True: odor, Predicted: ædæm
True: dismissal, Predicted: dræer
True: doggerel, Predicted: dæræel

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.3328)
Token 1: æ (prob: 0.4905)
Token 2: æ (prob: 0.3093)
Token 3: k (prob: 0.5212)
Token 4: e (prob: 0.2741)
Token 5: s (prob: 0.2254)
True: axis, Predicted: ækæs
True: pastorate, Predicted: pæer
True: territory, Predicted: tæd

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.5549)
Token 1: æ (prob: 0.5163)
Token 2: æ (prob: 0.5776)
Token 3: æ (prob: 0.4536)
Token 4: <blank> (prob: 0.4292)
Token 5: t (prob: 0.4163)
True: pot, Predicted: bæt
True: jacosely, Predicted: dæg
True: superlative, Predicted: plæt

Raw prediction sequence (first 10 tokens):

Token 0: t (prob: 0.2992)
Token 1: r (prob: 0.4170)
Token 2: æ (prob: 0.2242)
Token 3: t (prob: 0.2656)
Token 4: æ (prob: 0.2518)
Token 5: æ (prob: 0.2111)

True: statistics, Predicted: trætæ
True: elemental, Predicted: ælæl
True: attainment, Predicted: ææm

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.2038)
Token 1: æ (prob: 0.5939)
Token 2: æ (prob: 0.4057)
Token 3: b (prob: 0.5057)
Token 4: b (prob: 0.2167)
Token 5: d (prob: 0.2441)
True: attentive, Predicted: æbd
True: indigestion, Predicted: ræd
True: vincible, Predicted: væ

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.9724)
Token 1: æ (prob: 0.5543)
Token 2: æ (prob: 0.6977)
Token 3: <blank> (prob: 0.4264)
Token 4: <blank> (prob: 0.6616)
Token 5: n (prob: 0.2550)
True: bog, Predicted: bæn
True: mellowness, Predicted: kælæ
True: armada, Predicted: kræd

Raw prediction sequence (first 10 tokens):

Token 0: d (prob: 0.4575)
Token 1: d (prob: 0.6484)
Token 2: æ (prob: 0.4483)
Token 3: æ (prob: 0.5363)
Token 4: <blank> (prob: 0.3156)
Token 5: m (prob: 0.4584)
True: auditorium, Predicted: dæm
True: inaction, Predicted: mææ
True: radiant, Predicted: sæd

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.3552)
Token 1: æ (prob: 0.4937)
Token 2: æ (prob: 0.6100)
Token 3: æ (prob: 0.3390)
Token 4: æ (prob: 0.2053)
Token 5: r (prob: 0.3378)
True: chauffeur, Predicted: sæer
True: astigmatism, Predicted: sæger
True: lubrication, Predicted: ræbæk

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.5327)
Token 1: æ (prob: 0.4718)
Token 2: r (prob: 0.4151)
Token 3: d (prob: 0.4402)
Token 4: d (prob: 0.5942)
Token 5: (prob: 0.4519)
True: centrode, Predicted: særd
True: trite, Predicted: træ t
True: ford, Predicted: fæd

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.7400)
Token 1: æ (prob: 0.5618)
Token 2: æ (prob: 0.4716)
Token 3: æ (prob: 0.3973)
Token 4: n (prob: 0.2350)
Token 5: d (prob: 0.5057)
True: constituent, Predicted: kænd
True: contemplation, Predicted: kndæs
True: consent, Predicted: kænd

Raw prediction sequence (first 10 tokens):

Token 0: h (prob: 0.3250)
Token 1: æ (prob: 0.6287)
Token 2: ŋ (prob: 0.3200)
Token 3: l (prob: 0.5744)
Token 4: ə (prob: 0.3784)
Token 5: l (prob: 0.6390)
True: arsenal, Predicted: hæŋləl
True: generate, Predicted: dælt
True: perspective, Predicted: præpæ

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.7020)
Token 1: æ (prob: 0.6136)
Token 2: æ (prob: 0.2608)
Token 3: æ (prob: 0.2131)
Token 4: ə (prob: 0.2877)
Token 5: k (prob: 0.2864)
True: constrict, Predicted: kæk
True: element, Predicted: ælæm
True: wretchedness, Predicted: ræd

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.8340)
Token 1: w (prob: 0.4500)
Token 2: æ (prob: 0.5406)

Token 3: æ (prob: 0.4254)
Token 4: d (prob: 0.5594)
Token 5: d (prob: 0.8058)
True: concede, Predicted: kwæd
True: orchard, Predicted: pæd
True: obituary, Predicted: æbææt

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.7815)
Token 1: t (prob: 0.2359)
Token 2: r (prob: 0.3882)
Token 3: æ (prob: 0.3221)
Token 4: b (prob: 0.3398)
Token 5: b (prob: 0.5120)
True: scribble, Predicted: stræb
True: cynosure, Predicted: særæ
True: lever, Predicted: rævør

Raw prediction sequence (first 10 tokens):

Token 0: f (prob: 0.3454)
Token 1: æ (prob: 0.6075)
Token 2: æ (prob: 0.5832)
Token 3: <blank> (prob: 0.2851)
Token 4: b (prob: 0.3388)
Token 5: b (prob: 0.4280)
True: foible, Predicted: fæb
True: chemist, Predicted: kæmæs
True: packt, Predicted: pæn

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.5358)
Token 1: æ (prob: 0.6733)
Token 2: p (prob: 0.3794)
Token 3: p (prob: 0.3977)
Token 4: e (prob: 0.3848)
Token 5: r (prob: 0.4068)
True: cypress, Predicted: sæpør
True: alertness, Predicted: ælæd
True: predict, Predicted: præd

Raw prediction sequence (first 10 tokens):

Token 0: h (prob: 0.7241)
Token 1: æ (prob: 0.5635)
Token 2: s (prob: 0.2398)
Token 3: s (prob: 0.3992)
Token 4: e (prob: 0.3138)
Token 5: s (prob: 0.3316)
True: histology, Predicted: hæses

True: ivy, Predicted: sæv
True: ready, Predicted: ræd

Raw prediction sequence (first 10 tokens):

Token 0: l (prob: 0.7073)
Token 1: æ (prob: 0.6450)
Token 2: m (prob: 0.3528)
Token 3: b (prob: 0.3595)
Token 4: ə (prob: 0.3714)
Token 5: p (prob: 0.2476)
True: learnable, Predicted: læmbəp
True: drawn, Predicted: dræm
True: skill, Predicted: skl

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.4380)
Token 1: n (prob: 0.5466)
Token 2: d (prob: 0.7437)
Token 3: d (prob: 0.4711)
Token 4: æ (prob: 0.3968)
Token 5: æ (prob: 0.2288)
True: candidacy, Predicted: ændæ
True: sleek, Predicted: slæ
True: monument, Predicted: mæɹ

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.3722)
Token 1: æ (prob: 0.5393)
Token 2: r (prob: 0.4411)
Token 3: æ (prob: 0.2075)
Token 4: (prob: 0.2532)
Token 5: (prob: 0.5186)
True: selfish, Predicted: æræ
True: accessibility, Predicted: sræp
True: abutment, Predicted: əbæn

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.5672)
Token 1: æ (prob: 0.5678)
Token 2: v (prob: 0.3662)
Token 3: v (prob: 0.3986)
Token 4: ə (prob: 0.2355)
Token 5: (prob: 0.1968)
True: conjure, Predicted: kævə
True: aperient, Predicted: əpræɹd
True: prostrate, Predicted: præ

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.6332)
Token 1: r (prob: 0.4090)
Token 2: æ (prob: 0.2996)
Token 3: v (prob: 0.5069)
Token 4: v (prob: 0.2990)
Token 5: v (prob: 0.4117)
True: purification, Predicted: præv
True: causation, Predicted: kæ
True: permeate, Predicted: plæt

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.5176)
Token 1: æ (prob: 0.6019)
Token 2: æ (prob: 0.6172)
Token 3: <blank> (prob: 0.2926)
Token 4: <blank> (prob: 0.3213)
Token 5: k (prob: 0.4097)
True: pinnacle, Predicted: pæk
True: reprobate, Predicted: rb
True: fumigate, Predicted: fæg

Raw prediction sequence (first 10 tokens):

Token 0: d (prob: 0.7883)
Token 1: æ (prob: 0.4519)
Token 2: æ (prob: 0.2417)
Token 3: æ (prob: 0.2269)
Token 4: s (prob: 0.2201)
Token 5: s (prob: 0.1950)
True: denizen, Predicted: dæs
True: harshness, Predicted: hæ
True: all, Predicted: æ

Raw prediction sequence (first 10 tokens):

Token 0: f (prob: 0.3082)
Token 1: l (prob: 0.6695)
Token 2: m (prob: 0.3818)
Token 3: æ (prob: 0.2335)
Token 4: æ (prob: 0.2183)
Token 5: t (prob: 0.4373)
True: promenade, Predicted: flmæt
True: pew, Predicted: pæ
True: conjugation, Predicted: kævæg

Raw prediction sequence (first 10 tokens):

Token 0: d (prob: 0.8083)
Token 1: æ (prob: 0.4800)
Token 2: æ (prob: 0.4229)
Token 3: <blank> (prob: 0.3648)

Token 4: <blank> (prob: 0.4972)
Token 5: t (prob: 0.2413)
True: deceit, Predicted: dæt
True: haggard, Predicted: skæd
True: hoist, Predicted: æt

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.4034)
Token 1: r (prob: 0.4397)
Token 2: r (prob: 0.4913)
Token 3: æ (prob: 0.3264)
Token 4: ə (prob: 0.4992)
Token 5: m (prob: 0.3342)
True: hypnotism, Predicted: præm
True: depopulation, Predicted: d bæt
True: disinfect, Predicted: d sft

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.3095)
Token 1: æ (prob: 0.6507)
Token 2: æ (prob: 0.2817)
Token 3: n (prob: 0.3204)
Token 4: ə (prob: 0.2486)
Token 5: d (prob: 0.2343)
True: athlete, Predicted: sænəd
True: chattel, Predicted: ætəl
True: gear, Predicted: gær

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.4017)
Token 1: l (prob: 0.4114)
Token 2: l (prob: 0.4648)
Token 3: æ (prob: 0.2722)
Token 4: <blank> (prob: 0.3561)
Token 5: m (prob: 0.4977)
True: column, Predicted: ælæm
True: deference, Predicted: d fər
True: truncal, Predicted: æŋæəl

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.7053)
Token 1: l (prob: 0.9587)
Token 2: æ (prob: 0.5523)
Token 3: æ (prob: 0.8444)
Token 4: æ (prob: 0.3725)
Token 5: <blank> (prob: 0.2091)
True: plain, Predicted: plæ
True: measurable, Predicted: mæp

True: pancreatic, Predicted: pæmæ

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.8064)

Token 1: l (prob: 0.4746)

Token 2: l (prob: 0.6636)

Token 3: l (prob: 0.3928)

Token 4: <blank> (prob: 0.4356)

Token 5: <blank> (prob: 0.1427)

True: bellow, Predicted: bl

True: derive, Predicted: dræt

True: joyfulness, Predicted: dæv

Raw prediction sequence (first 10 tokens):

Token 0: n (prob: 0.3402)

Token 1: æ (prob: 0.6702)

Token 2: æ (prob: 0.3550)

Token 3: l (prob: 0.3923)

Token 4: l (prob: 0.3715)

Token 5: l (prob: 0.3919)

True: nor, Predicted: næl

True: compulsorily, Predicted: kæpæs

True: vixen, Predicted: ævr

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.9316)

Token 1: r (prob: 0.5301)

Token 2: æ (prob: 0.5144)

Token 3: v (prob: 0.4083)

Token 4: æ (prob: 0.3279)

Token 5: t (prob: 0.1333)

True: pervert, Predicted: prævæt

True: shrive, Predicted: ræv

True: location, Predicted: læk

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.3618)

Token 1: æ (prob: 0.5355)

Token 2: n (prob: 0.1610)

Token 3: æ (prob: 0.1797)

Token 4: æ (prob: 0.3013)

Token 5: æ (prob: 0.1883)

True: inconsistency, Predicted: ænæææ

True: mite, Predicted: mæt

True: somber, Predicted: sæmbøb

Epoch 4/10, Train Loss: 0.6656, Val Loss: 0.7067

Epoch 5/10, Batch 1/335, Loss: 0.7314, Time: 0.16s

Epoch 5/10, Batch 11/335, Loss: 0.7222, Time: 0.17s

Epoch 5/10, Batch 21/335, Loss: 0.6439, Time: 0.17s
 Epoch 5/10, Batch 31/335, Loss: 0.5240, Time: 0.20s
 Epoch 5/10, Batch 41/335, Loss: 0.6315, Time: 0.17s
 Epoch 5/10, Batch 51/335, Loss: 0.5498, Time: 0.16s
 Epoch 5/10, Batch 61/335, Loss: 0.5240, Time: 0.16s
 Epoch 5/10, Batch 71/335, Loss: 0.7988, Time: 0.17s
 Epoch 5/10, Batch 81/335, Loss: 0.7394, Time: 0.16s
 Epoch 5/10, Batch 91/335, Loss: 0.5677, Time: 0.16s
 Epoch 5/10, Batch 101/335, Loss: 1.0915, Time: 0.16s
 Epoch 5/10, Batch 111/335, Loss: 0.7919, Time: 0.17s
 Epoch 5/10, Batch 121/335, Loss: 0.6918, Time: 0.17s
 Epoch 5/10, Batch 131/335, Loss: 0.6758, Time: 0.17s
 Epoch 5/10, Batch 141/335, Loss: 0.5440, Time: 0.16s
 Epoch 5/10, Batch 151/335, Loss: 0.7339, Time: 0.16s
 Epoch 5/10, Batch 161/335, Loss: 0.5511, Time: 0.17s
 Epoch 5/10, Batch 171/335, Loss: 0.5407, Time: 0.17s
 Epoch 5/10, Batch 181/335, Loss: 0.9727, Time: 0.17s
 Epoch 5/10, Batch 191/335, Loss: 0.8320, Time: 0.16s
 Epoch 5/10, Batch 201/335, Loss: 0.5680, Time: 0.17s
 Epoch 5/10, Batch 211/335, Loss: 0.5586, Time: 0.17s
 Epoch 5/10, Batch 221/335, Loss: 0.5410, Time: 0.18s
 Epoch 5/10, Batch 231/335, Loss: 0.6176, Time: 0.26s
 Epoch 5/10, Batch 241/335, Loss: 0.8946, Time: 0.18s
 Epoch 5/10, Batch 251/335, Loss: 0.8855, Time: 0.18s
 Epoch 5/10, Batch 261/335, Loss: 0.6843, Time: 0.17s
 Epoch 5/10, Batch 271/335, Loss: 0.5455, Time: 0.17s
 Epoch 5/10, Batch 281/335, Loss: 0.5311, Time: 0.17s
 Epoch 5/10, Batch 291/335, Loss: 0.4851, Time: 0.16s
 Epoch 5/10, Batch 301/335, Loss: 0.6714, Time: 0.16s
 Epoch 5/10, Batch 311/335, Loss: 0.6913, Time: 0.17s
 Epoch 5/10, Batch 321/335, Loss: 0.7931, Time: 0.17s
 Epoch 5/10, Batch 331/335, Loss: 0.5332, Time: 0.17s

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.4974)
 Token 1: æ (prob: 0.8101)
 Token 2: æ (prob: 0.4454)
 Token 3: æ (prob: 0.3958)
 Token 4: <blank> (prob: 0.3601)
 Token 5: <blank> (prob: 0.1823)
 True: conscious, Predicted: kæ
 True: overthrow, Predicted: ænsææ
 True: cocoon, Predicted: kæk

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.9783)
 Token 1: r (prob: 0.7782)
 Token 2: æ (prob: 0.5444)

Token 3: æ (prob: 0.4090)
Token 4: <blank> (prob: 0.4557)
Token 5: <blank> (prob: 0.1477)
True: borough, Predicted: bræ
True: paltriness, Predicted: pæltæ
True: phlegm, Predicted: plæm

Raw prediction sequence (first 10 tokens):

Token 0: (prob: 0.2752)
Token 1: (prob: 0.3610)
Token 2: æ (prob: 0.6302)
Token 3: l (prob: 0.6840)
Token 4: l (prob: 0.7833)
Token 5: l (prob: 0.8337)
True: child, Predicted: æl
True: apostolic, Predicted: epææl
True: cracked, Predicted: kræk

Raw prediction sequence (first 10 tokens):

Token 0: m (prob: 0.3100)
Token 1: æ (prob: 0.4213)
Token 2: r (prob: 0.3399)
Token 3: l (prob: 0.3040)
Token 4: æ (prob: 0.3797)
Token 5: t (prob: 0.1607)
True: mealiness, Predicted: mærlæt
True: inviolate, Predicted: fælæ
True: downhill, Predicted: dææl

Raw prediction sequence (first 10 tokens):

Token 0: g (prob: 0.7534)
Token 1: æ (prob: 0.4370)
Token 2: æ (prob: 0.5849)
Token 3: <blank> (prob: 0.4210)
Token 4: <blank> (prob: 0.5809)
Token 5: <blank> (prob: 0.3456)
True: organ, Predicted: gæ
True: sometimes, Predicted: dæn
True: signable, Predicted: sæb

Raw prediction sequence (first 10 tokens):

Token 0: (prob: 0.3068)
Token 1: n (prob: 0.3213)
Token 2: n (prob: 0.2501)
Token 3: æ (prob: 0.4079)
Token 4: æ (prob: 0.3704)
Token 5: t (prob: 0.2279)
True: ingenious, Predicted: næt

True: egress, Predicted: gkæ
True: pansy, Predicted: pækæn

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.9160)
Token 1: æ (prob: 0.4503)
Token 2: æ (prob: 0.2223)
Token 3: æ (prob: 0.2759)
Token 4: ə (prob: 0.2743)
Token 5: r (prob: 0.2541)
True: benefactress, Predicted: bæər
True: uniformity, Predicted: ævəv
True: angelical, Predicted: rædæt

Raw prediction sequence (first 10 tokens):

Token 0: r (prob: 0.4129)
Token 1: æ (prob: 0.6386)
Token 2: m (prob: 0.5596)
Token 3: b (prob: 0.4502)
Token 4: ə (prob: 0.6921)
Token 5: l (prob: 0.5126)
True: lambrequin, Predicted: ræmbəl
True: pistol, Predicted: bætən
True: cry, Predicted: græ

Raw prediction sequence (first 10 tokens):

Token 0: v (prob: 0.9147)
Token 1: æ (prob: 0.6709)
Token 2: r (prob: 0.2949)
Token 3: g (prob: 0.3656)
Token 4: ə (prob: 0.3242)
Token 5: æ (prob: 0.2721)
True: variegate, Predicted: værgəæ
True: abstracted, Predicted: æbæs
True: intimate, Predicted: dæt

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.7848)
Token 1: æ (prob: 0.7033)
Token 2: æ (prob: 0.3603)
Token 3: æ (prob: 0.2374)
Token 4: æ (prob: 0.2834)
Token 5: s (prob: 0.2158)
True: conscientious, Predicted: kæs
True: cactus, Predicted: kækər
True: leash, Predicted: læ

Raw prediction sequence (first 10 tokens):

Token 0: t (prob: 0.4647)
Token 1: æ (prob: 0.6142)
Token 2: æ (prob: 0.3090)
Token 3: l (prob: 0.2244)
Token 4: ə (prob: 0.2335)
Token 5: v (prob: 0.4778)
True: turf, Predicted: tæløv
True: assumable, Predicted: sælb
True: consist, Predicted: kæz

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.9040)
Token 1: æ (prob: 0.5656)
Token 2: æ (prob: 0.4486)
Token 3: æ (prob: 0.3267)
Token 4: ə (prob: 0.5558)
Token 5: l (prob: 0.8055)
True: squirrel, Predicted: kæl
True: unwary, Predicted: ær
True: inquire, Predicted: kæ

Raw prediction sequence (first 10 tokens):

Token 0: m (prob: 0.2595)
Token 1: æ (prob: 0.6789)
Token 2: æ (prob: 0.3597)
Token 3: d (prob: 0.4796)
Token 4: ə (prob: 0.3480)
Token 5: l (prob: 0.2792)
True: middle, Predicted: mædæl
True: eye, Predicted: æ
True: bloodless, Predicted: plædæl

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.8998)
Token 1: æ (prob: 0.4971)
Token 2: æ (prob: 0.4336)
Token 3: s (prob: 0.2895)
Token 4: æ (prob: 0.1670)
Token 5: (prob: 0.2653)
True: patricide, Predicted: pæsæ
True: renovate, Predicted: lækæv
True: rap, Predicted: læp

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.5995)
Token 1: r (prob: 0.4224)
Token 2: æ (prob: 0.5296)
Token 3: d (prob: 0.2361)

Token 4: (prob: 0.2221)
Token 5: (prob: 0.3869)
True: garbage, Predicted: kræd
True: inception, Predicted: wæp
True: profession, Predicted: præf

Raw prediction sequence (first 10 tokens):

Token 0: v (prob: 0.6992)
Token 1: æ (prob: 0.7321)
Token 2: æ (prob: 0.2516)
Token 3: æ (prob: 0.1929)
Token 4: ə (prob: 0.2808)
Token 5: (prob: 0.2791)
True: voucher, Predicted: væə
True: bunchiness, Predicted: bært
True: vindictive, Predicted: fænt d

Raw prediction sequence (first 10 tokens):

Token 0: f (prob: 0.9825)
Token 1: l (prob: 0.9184)
Token 2: l (prob: 0.5695)
Token 3: æ (prob: 0.6951)
Token 4: æ (prob: 0.3841)
Token 5: t (prob: 0.2641)
True: flatter, Predicted: flæt
True: transfusion, Predicted: mæfæt
True: whereby, Predicted: ræbəb

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.3475)
Token 1: æ (prob: 0.5244)
Token 2: æ (prob: 0.4598)
Token 3: æ (prob: 0.3853)
Token 4: æ (prob: 0.2578)
Token 5: l (prob: 0.1626)
True: twaddle, Predicted: æl
True: like, Predicted: ælæ
True: elusive, Predicted: ælæv

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.5185)
Token 1: l (prob: 0.7277)
Token 2: l (prob: 0.7316)
Token 3: æ (prob: 0.4333)
Token 4: æ (prob: 0.2367)
Token 5: s (prob: 0.2994)
True: scholastic, Predicted: klæs
True: abstract, Predicted: æbæn

True: sulphurize, Predicted: slæt

Raw prediction sequence (first 10 tokens):

Token 0: t (prob: 0.5470)

Token 1: æ (prob: 0.6592)

Token 2: æ (prob: 0.4823)

Token 3: m (prob: 0.4058)

Token 4: e (prob: 0.3100)

Token 5: s (prob: 0.1859)

True: inharmonious, Predicted: tæmæs

True: torrid, Predicted: træd

True: signification, Predicted: gæf

Raw prediction sequence (first 10 tokens):

Token 0: n (prob: 0.3534)

Token 1: æ (prob: 0.7381)

Token 2: æ (prob: 0.5898)

Token 3: æ (prob: 0.4739)

Token 4: <blank> (prob: 0.4096)

Token 5: <blank> (prob: 0.2153)

True: know, Predicted: næ

True: breeze, Predicted: bræs

True: surveillance, Predicted: sævæl

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.7143)

Token 1: æ (prob: 0.5695)

Token 2: æ (prob: 0.4371)

Token 3: d (prob: 0.6513)

Token 4: d (prob: 0.4585)

Token 5: d (prob: 0.4188)

True: condition, Predicted: kæd

True: republish, Predicted: tæb

True: freckle, Predicted: fræel

Raw prediction sequence (first 10 tokens):

Token 0: t (prob: 0.4498)

Token 1: æ (prob: 0.4339)

Token 2: p (prob: 0.5173)

Token 3: æ (prob: 0.4502)

Token 4: e (prob: 0.3645)

Token 5: l (prob: 0.8202)

True: tassel, Predicted: tæpæel

True: kite, Predicted: kæt

True: grievance, Predicted: græv

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.3330)

Token 1: æ (prob: 0.6901)
Token 2: æ (prob: 0.4656)
Token 3: <blank> (prob: 0.4716)
Token 4: <blank> (prob: 0.5441)
Token 5: n (prob: 0.4227)
True: yarm, Predicted: æn
True: bake, Predicted: bæn
True: drill, Predicted: dæel

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.6042)
Token 1: æ (prob: 0.5667)
Token 2: æ (prob: 0.6034)
Token 3: l (prob: 0.3224)
Token 4: l (prob: 0.6161)
Token 5: l (prob: 0.8671)
True: penal, Predicted: pæl
True: purchasable, Predicted: ærbæb
True: miraculous, Predicted: mææs

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.5929)
Token 1: æ (prob: 0.6524)
Token 2: æ (prob: 0.6156)
Token 3: b (prob: 0.6505)
Token 4: b (prob: 0.4107)
Token 5: l (prob: 0.4012)
True: immeasure, Predicted: kæbl
True: peasant, Predicted: pæl
True: shuffling, Predicted: væl

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.7985)
Token 1: r (prob: 0.8330)
Token 2: æ (prob: 0.4605)
Token 3: d (prob: 0.3630)
Token 4: d (prob: 0.8445)
Token 5: d (prob: 0.8986)
True: breadth, Predicted: bræd
True: abrogate, Predicted: æbæk
True: obstacle, Predicted: æbæk

Raw prediction sequence (first 10 tokens):

Token 0: f (prob: 0.9077)
Token 1: æ (prob: 0.7794)
Token 2: ŋ (prob: 0.3357)
Token 3: ŋ (prob: 0.7500)
Token 4: ŋ (prob: 0.5120)

Token 5: <blank> (prob: 0.2564)
True: function, Predicted: fæŋ
True: piecemeal, Predicted: pæəl
True: beguile, Predicted: bæka

Raw prediction sequence (first 10 tokens):

Token 0: r (prob: 0.4449)
Token 1: æ (prob: 0.8516)
Token 2: æ (prob: 0.3927)
Token 3: æ (prob: 0.3232)
Token 4: ə (prob: 0.3959)
Token 5: r (prob: 0.2580)
True: rhinestone, Predicted: ræər
True: conscionable, Predicted: æbəb
True: selfconfidence, Predicted: pærka

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.5447)
Token 1: æ (prob: 0.4706)
Token 2: r (prob: 0.4661)
Token 3: æ (prob: 0.2600)
Token 4: d (prob: 0.3420)
Token 5: (prob: 0.5311)
True: refrigeration, Predicted: pærəd
True: catechetic, Predicted: kætæ
True: agglomerate, Predicted: kræ m

Raw prediction sequence (first 10 tokens):

Token 0: h (prob: 0.3773)
Token 1: æ (prob: 0.6182)
Token 2: æ (prob: 0.4129)
Token 3: <blank> (prob: 0.5810)
Token 4: <blank> (prob: 0.4330)
Token 5: p (prob: 0.7150)
True: hasp, Predicted: hæp
True: condescend, Predicted: kændæ
True: indignant, Predicted: læt

Raw prediction sequence (first 10 tokens):

Token 0: d (prob: 0.9418)
Token 1: æ (prob: 0.5188)
Token 2: æ (prob: 0.4689)
Token 3: æ (prob: 0.3690)
Token 4: <blank> (prob: 0.2611)
Token 5: <blank> (prob: 0.1676)
True: drunk, Predicted: dæ
True: lace, Predicted: læs
True: elocution, Predicted: ræk

Raw prediction sequence (first 10 tokens):

Token 0: v (prob: 0.8644)
Token 1: æ (prob: 0.7760)
Token 2: æ (prob: 0.3245)
Token 3: æ (prob: 0.2489)
Token 4: ə (prob: 0.2582)
Token 5: l (prob: 0.4120)
True: valise, Predicted: væl
True: pine, Predicted: pæn
True: imprudent, Predicted: mpæt

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.6939)
Token 1: r (prob: 0.5822)
Token 2: æ (prob: 0.3846)
Token 3: (prob: 0.4064)
Token 4: (prob: 0.4970)
Token 5: n (prob: 0.3687)
True: sprain, Predicted: præn
True: honk, Predicted: hærŋ
True: straightforward, Predicted: træfv

Raw prediction sequence (first 10 tokens):

Token 0: t (prob: 0.4567)
Token 1: r (prob: 0.4209)
Token 2: æ (prob: 0.6643)
Token 3: æ (prob: 0.5796)
Token 4: f (prob: 0.2952)
Token 5: f (prob: 0.5103)
True: traffic, Predicted: træf
True: science, Predicted: sækæ
True: cog, Predicted: kæk

Raw prediction sequence (first 10 tokens):

Token 0: ə (prob: 0.5994)
Token 1: b (prob: 0.6831)
Token 2: b (prob: 0.3117)
Token 3: æ (prob: 0.4837)
Token 4: (prob: 0.3327)
Token 5: s (prob: 0.2767)
True: abashed, Predicted: əbæ s
True: eczema, Predicted: sæsn
True: subdued, Predicted: dæd

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.6085)
Token 1: p (prob: 0.4226)

Token 2: p (prob: 0.5846)
Token 3: æ (prob: 0.3706)
Token 4: ə (prob: 0.2987)
Token 5: l (prob: 0.3243)
True: spur, Predicted: spæɫ
True: onward, Predicted: sæd
True: clink, Predicted: klæn

Raw prediction sequence (first 10 tokens):

Token 0: (prob: 0.3477)
Token 1: æ (prob: 0.4842)
Token 2: f (prob: 0.7336)
Token 3: æ (prob: 0.5720)
Token 4: æ (prob: 0.3019)
Token 5: n (prob: 0.2305)
True: infer, Predicted: æfæn
True: doubtful, Predicted: dæt
True: abstain, Predicted: əbæt

Raw prediction sequence (first 10 tokens):

Token 0: d (prob: 0.9298)
Token 1: æ (prob: 0.3923)
Token 2: r (prob: 0.4066)
Token 3: æ (prob: 0.4574)
Token 4: r (prob: 0.1873)
Token 5: r (prob: 0.2644)
True: odor, Predicted: dærær
True: dismissal, Predicted: dæɫ
True: doggerel, Predicted: dær

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.4260)
Token 1: æ (prob: 0.5326)
Token 2: k (prob: 0.4147)
Token 3: æ (prob: 0.2644)
Token 4: æ (prob: 0.3593)
Token 5: s (prob: 0.3067)
True: axis, Predicted: ækæs
True: pastorate, Predicted: pær
True: territory, Predicted: tæt

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.8934)
Token 1: æ (prob: 0.6117)
Token 2: æ (prob: 0.3792)
Token 3: æ (prob: 0.3269)
Token 4: (prob: 0.1625)
Token 5: d (prob: 0.5996)

True: pot, Predicted: bæ d
True: jacosely, Predicted: b kæ
True: superlative, Predicted: plæt

Raw prediction sequence (first 10 tokens):

Token 0: t (prob: 0.5010)
Token 1: æ (prob: 0.3915)
Token 2: æ (prob: 0.3183)
Token 3: æ (prob: 0.2977)
Token 4: æ (prob: 0.3338)
Token 5: æ (prob: 0.2236)
True: statistics, Predicted: tæ
True: elemental, Predicted: ælæl
True: attainment, Predicted: æøm

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.2835)
Token 1: æ (prob: 0.5927)
Token 2: æ (prob: 0.4410)
Token 3: d (prob: 0.4628)
Token 4: d (prob: 0.6661)
Token 5: d (prob: 0.7947)
True: attentive, Predicted: æd
True: indigestion, Predicted: ræd
True: vincible, Predicted: ræb

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.6444)
Token 1: æ (prob: 0.4552)
Token 2: æ (prob: 0.5305)
Token 3: k (prob: 0.2656)
Token 4: <blank> (prob: 0.3633)
Token 5: k (prob: 0.3321)
True: bog, Predicted: bæk
True: mellowness, Predicted: mælæ
True: armada, Predicted: æd

Raw prediction sequence (first 10 tokens):

Token 0: d (prob: 0.9315)
Token 1: d (prob: 0.3870)
Token 2: æ (prob: 0.6310)
Token 3: æ (prob: 0.6002)
Token 4: <blank> (prob: 0.3988)
Token 5: n (prob: 0.2850)
True: auditorium, Predicted: dæn
True: inaction, Predicted: kæk
True: radiant, Predicted: wædød

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.4284)
Token 1: æ (prob: 0.3308)
Token 2: æ (prob: 0.4418)
Token 3: æ (prob: 0.2549)
Token 4: ə (prob: 0.2413)
Token 5: r (prob: 0.3344)
True: chauffeur, Predicted: sæər
True: astigmatism, Predicted: sægkr
True: lubrication, Predicted: ræbæs

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.5897)
Token 1: æ (prob: 0.4352)
Token 2: r (prob: 0.3697)
Token 3: æ (prob: 0.4016)
Token 4: d (prob: 0.4865)
Token 5: (prob: 0.3572)
True: centrode, Predicted: særæd
True: trite, Predicted: træt
True: ford, Predicted: fæd

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.7927)
Token 1: æ (prob: 0.6740)
Token 2: æ (prob: 0.3898)
Token 3: æ (prob: 0.3476)
Token 4: ə (prob: 0.3130)
Token 5: t (prob: 0.3545)
True: constituent, Predicted: kææt
True: contemplation, Predicted: ændæs
True: consent, Predicted: kwænt

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.3318)
Token 1: æ (prob: 0.6919)
Token 2: æ (prob: 0.3254)
Token 3: l (prob: 0.2569)
Token 4: l (prob: 0.6739)
Token 5: l (prob: 0.8741)
True: arsenal, Predicted: æl
True: generate, Predicted: dæl
True: perspective, Predicted: pæ

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.8868)
Token 1: æ (prob: 0.7111)
Token 2: æ (prob: 0.3887)

Token 3: <blank> (prob: 0.2293)
Token 4: <blank> (prob: 0.3196)
Token 5: ŋ (prob: 0.4843)
True: constrict, Predicted: kæn
True: element, Predicted: ælæn
True: wretchedness, Predicted: ræd

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.8690)
Token 1: w (prob: 0.4455)
Token 2: æ (prob: 0.6322)
Token 3: æ (prob: 0.4738)
Token 4: d (prob: 0.3050)
Token 5: d (prob: 0.6599)
True: concede, Predicted: kwæd
True: orchard, Predicted: æd
True: obituary, Predicted: əbæt

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.6701)
Token 1: k (prob: 0.4123)
Token 2: r (prob: 0.5429)
Token 3: æ (prob: 0.5634)
Token 4: b (prob: 0.5919)
Token 5: b (prob: 0.5689)
True: scribble, Predicted: skræb
True: cynosure, Predicted: sæs
True: lever, Predicted: rævən

Raw prediction sequence (first 10 tokens):

Token 0: (prob: 0.2445)
Token 1: æ (prob: 0.6965)
Token 2: æ (prob: 0.5625)
Token 3: <blank> (prob: 0.3106)
Token 4: <blank> (prob: 0.3827)
Token 5: b (prob: 0.2234)
True: foible, Predicted: æb
True: chemist, Predicted: kæn
True: packt, Predicted: pæk

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.5467)
Token 1: æ (prob: 0.5475)
Token 2: p (prob: 0.6213)
Token 3: p (prob: 0.5699)
Token 4: ə (prob: 0.3084)
Token 5: r (prob: 0.3101)
True: cypress, Predicted: sæpər

True: alertness, Predicted: ælæl
True: predict, Predicted: præd

Raw prediction sequence (first 10 tokens):

Token 0: h (prob: 0.7085)
Token 1: æ (prob: 0.4545)
Token 2: s (prob: 0.3998)
Token 3: s (prob: 0.5764)
Token 4: ə (prob: 0.2896)
Token 5: s (prob: 0.2901)
True: histology, Predicted: hæses
True: ivy, Predicted: næv
True: ready, Predicted: rædæ

Raw prediction sequence (first 10 tokens):

Token 0: l (prob: 0.7536)
Token 1: æ (prob: 0.6560)
Token 2: æ (prob: 0.4483)
Token 3: b (prob: 0.3304)
Token 4: ə (prob: 0.4033)
Token 5: l (prob: 0.2172)
True: learnable, Predicted: læbæl
True: drawn, Predicted: dæn
True: skill, Predicted: skl

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.5506)
Token 1: n (prob: 0.5670)
Token 2: d (prob: 0.5791)
Token 3: d (prob: 0.3510)
Token 4: æ (prob: 0.4424)
Token 5: æ (prob: 0.2686)
True: candidacy, Predicted: ændæ
True: sleek, Predicted: slæk
True: monument, Predicted: mæær

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.3896)
Token 1: æ (prob: 0.5807)
Token 2: æ (prob: 0.3354)
Token 3: æ (prob: 0.2886)
Token 4: æ (prob: 0.2694)
Token 5: s (prob: 0.2626)
True: selfish, Predicted: æs
True: accessibility, Predicted: skæp
True: abutment, Predicted: epæn

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.6882)
Token 1: æ (prob: 0.6970)
Token 2: v (prob: 0.3897)
Token 3: v (prob: 0.3577)
Token 4: æ (prob: 0.3502)
Token 5: r (prob: 0.1692)
True: conjure, Predicted: kævær
True: aperient, Predicted: epæt
True: prostrate, Predicted: pæ

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.6293)
Token 1: æ (prob: 0.3531)
Token 2: æ (prob: 0.3089)
Token 3: t (prob: 0.3077)
Token 4: f (prob: 0.3021)
Token 5: f (prob: 0.3313)
True: purification, Predicted: pætf
True: causation, Predicted: gæ
True: permeate, Predicted: pæ

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.5720)
Token 1: æ (prob: 0.4211)
Token 2: æ (prob: 0.4876)
Token 3: æ (prob: 0.1921)
Token 4: <blank> (prob: 0.1959)
Token 5: k (prob: 0.1996)
True: pinnacle, Predicted: pæk
True: reprobate, Predicted: pæbøb
True: fumigate, Predicted: fælæg

Raw prediction sequence (first 10 tokens):

Token 0: g (prob: 0.4454)
Token 1: æ (prob: 0.4630)
Token 2: æ (prob: 0.3824)
Token 3: æ (prob: 0.4615)
Token 4: (prob: 0.2290)
Token 5: r (prob: 0.1500)
True: denizen, Predicted: gær
True: harshness, Predicted: hæ
True: all, Predicted: æ

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.6188)
Token 1: r (prob: 0.3238)
Token 2: æ (prob: 0.5866)
Token 3: æ (prob: 0.3566)

Token 4: æ (prob: 0.4335)
Token 5: t (prob: 0.2553)
True: promenade, Predicted: præt
True: pew, Predicted: pæ
True: conjugation, Predicted: kænæk

Raw prediction sequence (first 10 tokens):

Token 0: d (prob: 0.8209)
Token 1: æ (prob: 0.6610)
Token 2: æ (prob: 0.4960)
Token 3: æ (prob: 0.3973)
Token 4: <blank> (prob: 0.5880)
Token 5: t (prob: 0.3931)
True: deceit, Predicted: dæt
True: haggard, Predicted: skærd
True: hoist, Predicted: næ s

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.4510)
Token 1: p (prob: 0.4558)
Token 2: r (prob: 0.5098)
Token 3: æ (prob: 0.2569)
Token 4: ə (prob: 0.3375)
Token 5: m (prob: 0.6198)
True: hypnotism, Predicted: spræm
True: depopulation, Predicted: dpæt
True: disinfect, Predicted: dsæt

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.4133)
Token 1: æ (prob: 0.5056)
Token 2: t (prob: 0.3059)
Token 3: l (prob: 0.3020)
Token 4: l (prob: 0.2547)
Token 5: t (prob: 0.2839)
True: athlete, Predicted: ætl
True: chattel, Predicted: tætl
True: gear, Predicted: gær

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.9226)
Token 1: æ (prob: 0.5402)
Token 2: l (prob: 0.5879)
Token 3: l (prob: 0.3829)
Token 4: <blank> (prob: 0.2803)
Token 5: m (prob: 0.4016)
True: column, Predicted: kælm
True: deference, Predicted: dfæn

True: truncal, Predicted: ækɲæɫ

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.8458)

Token 1: ɫ (prob: 0.9665)

Token 2: æ (prob: 0.6183)

Token 3: æ (prob: 0.8658)

Token 4: æ (prob: 0.3927)

Token 5: æ (prob: 0.1736)

True: plain, Predicted: plæ

True: measurable, Predicted: mæp

True: pancreatic, Predicted: pæmæs

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.8368)

Token 1: æ (prob: 0.4438)

Token 2: ɫ (prob: 0.5660)

Token 3: ɫ (prob: 0.6357)

Token 4: æ (prob: 0.2490)

Token 5: ɫ (prob: 0.1655)

True: bellow, Predicted: bæɫɫ

True: derive, Predicted: dræt

True: joyfulness, Predicted: dæt

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.7383)

Token 1: æ (prob: 0.5514)

Token 2: æ (prob: 0.4751)

Token 3: æ (prob: 0.3989)

Token 4: æ (prob: 0.3667)

Token 5: r (prob: 0.1553)

True: nor, Predicted: kær

True: compulsorily, Predicted: kælæs

True: vixen, Predicted: vær

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.9573)

Token 1: æ (prob: 0.4302)

Token 2: æ (prob: 0.5047)

Token 3: f (prob: 0.5105)

Token 4: ɐ (prob: 0.2438)

Token 5: t (prob: 0.2056)

True: pervert, Predicted: pæfæt

True: shrive, Predicted: ræv

True: location, Predicted: læk

Raw prediction sequence (first 10 tokens):

Token 0: g (prob: 0.4354)

Token 1: æ (prob: 0.5768)
 Token 2: æ (prob: 0.2864)
 Token 3: æ (prob: 0.2193)
 Token 4: e (prob: 0.2556)
 Token 5: s (prob: 0.2394)
 True: inconsistency, Predicted: gæes
 True: mite, Predicted: mæt
 True: somber, Predicted: sæmbæl
 Epoch 5/10, Train Loss: 0.6534, Val Loss: 0.6972
 Epoch 6/10, Batch 1/335, Loss: 0.5958, Time: 0.16s
 Epoch 6/10, Batch 11/335, Loss: 0.5504, Time: 0.16s
 Epoch 6/10, Batch 21/335, Loss: 0.7505, Time: 0.18s
 Epoch 6/10, Batch 31/335, Loss: 0.6715, Time: 0.17s
 Epoch 6/10, Batch 41/335, Loss: 1.1636, Time: 0.17s
 Epoch 6/10, Batch 51/335, Loss: 0.4612, Time: 0.17s
 Epoch 6/10, Batch 61/335, Loss: 0.6268, Time: 0.16s
 Epoch 6/10, Batch 71/335, Loss: 0.5675, Time: 0.17s
 Epoch 6/10, Batch 81/335, Loss: 0.6569, Time: 0.17s
 Epoch 6/10, Batch 91/335, Loss: 0.7048, Time: 0.16s
 Epoch 6/10, Batch 101/335, Loss: 0.5052, Time: 0.17s
 Epoch 6/10, Batch 111/335, Loss: 0.6511, Time: 0.17s
 Epoch 6/10, Batch 121/335, Loss: 0.6410, Time: 0.18s
 Epoch 6/10, Batch 131/335, Loss: 0.6975, Time: 0.27s
 Epoch 6/10, Batch 141/335, Loss: 0.6264, Time: 0.17s
 Epoch 6/10, Batch 151/335, Loss: 0.7331, Time: 0.18s
 Epoch 6/10, Batch 161/335, Loss: 0.5467, Time: 0.17s
 Epoch 6/10, Batch 171/335, Loss: 0.8089, Time: 0.16s
 Epoch 6/10, Batch 181/335, Loss: 0.7314, Time: 0.22s
 Epoch 6/10, Batch 191/335, Loss: 0.9149, Time: 0.27s
 Epoch 6/10, Batch 201/335, Loss: 0.5031, Time: 0.17s
 Epoch 6/10, Batch 211/335, Loss: 0.4492, Time: 0.17s
 Epoch 6/10, Batch 221/335, Loss: 0.1654, Time: 0.18s
 Epoch 6/10, Batch 231/335, Loss: 0.6590, Time: 0.16s
 Epoch 6/10, Batch 241/335, Loss: 0.8950, Time: 0.17s
 Epoch 6/10, Batch 251/335, Loss: 0.5703, Time: 0.17s
 Epoch 6/10, Batch 261/335, Loss: 0.7871, Time: 0.16s
 Epoch 6/10, Batch 271/335, Loss: 0.6933, Time: 0.18s
 Epoch 6/10, Batch 281/335, Loss: 0.3637, Time: 0.16s
 Epoch 6/10, Batch 291/335, Loss: 0.4992, Time: 0.17s
 Epoch 6/10, Batch 301/335, Loss: 0.4666, Time: 0.17s
 Epoch 6/10, Batch 311/335, Loss: 0.6730, Time: 0.17s
 Epoch 6/10, Batch 321/335, Loss: 0.7792, Time: 0.17s
 Epoch 6/10, Batch 331/335, Loss: 0.3777, Time: 0.17s

 Raw prediction sequence (first 10 tokens):
 Token 0: n (prob: 0.2859)
 Token 1: æ (prob: 0.6460)
 Token 2: f (prob: 0.5238)

Token 3: f (prob: 0.3920)
Token 4: æ (prob: 0.3937)
Token 5: <blank> (prob: 0.1650)
True: conscious, Predicted: næfæ
True: overthrow, Predicted: særæ
True: cocoon, Predicted: kækæ

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.9864)
Token 1: r (prob: 0.7977)
Token 2: æ (prob: 0.6439)
Token 3: æ (prob: 0.5011)
Token 4: <blank> (prob: 0.5399)
Token 5: <blank> (prob: 0.1681)
True: borough, Predicted: bræ
True: paltriness, Predicted: pældæl
True: phlegm, Predicted: flæm

Raw prediction sequence (first 10 tokens):

Token 0: (prob: 0.4312)
Token 1: æ (prob: 0.5180)
Token 2: æ (prob: 0.6594)
Token 3: l (prob: 0.7135)
Token 4: l (prob: 0.8003)
Token 5: l (prob: 0.6969)
True: child, Predicted: æl
True: apostolic, Predicted: epærd
True: cracked, Predicted: klæk

Raw prediction sequence (first 10 tokens):

Token 0: m (prob: 0.8887)
Token 1: æ (prob: 0.5679)
Token 2: æ (prob: 0.2887)
Token 3: æ (prob: 0.3097)
Token 4: æ (prob: 0.4299)
Token 5: æ (prob: 0.1906)
True: mealiness, Predicted: mæ
True: inviolate, Predicted: fælæ
True: downhill, Predicted: dææl

Raw prediction sequence (first 10 tokens):

Token 0: g (prob: 0.7197)
Token 1: g (prob: 0.3672)
Token 2: æ (prob: 0.3922)
Token 3: <blank> (prob: 0.4200)
Token 4: <blank> (prob: 0.5505)
Token 5: <blank> (prob: 0.4515)
True: organ, Predicted: gæ

True: sometimes, Predicted: tæn
True: signable, Predicted: sæd

Raw prediction sequence (first 10 tokens):

Token 0: (prob: 0.2772)
Token 1: æ (prob: 0.2951)
Token 2: v (prob: 0.5573)
Token 3: æ (prob: 0.4173)
Token 4: æ (prob: 0.3453)
Token 5: t (prob: 0.2904)
True: ingenious, Predicted: ævæt
True: egress, Predicted: gær
True: pansy, Predicted: pækæ

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.9066)
Token 1: æ (prob: 0.4951)
Token 2: æ (prob: 0.2885)
Token 3: æ (prob: 0.2684)
Token 4: æ (prob: 0.1939)
Token 5: r (prob: 0.2418)
True: benefactress, Predicted: bær
True: uniformity, Predicted: kævæd
True: angelical, Predicted: ræven

Raw prediction sequence (first 10 tokens):

Token 0: r (prob: 0.5773)
Token 1: æ (prob: 0.7092)
Token 2: m (prob: 0.7763)
Token 3: b (prob: 0.4634)
Token 4: e (prob: 0.5998)
Token 5: l (prob: 0.4474)
True: lambrequin, Predicted: ræmbel
True: pistol, Predicted: pæt
True: cry, Predicted: glæ

Raw prediction sequence (first 10 tokens):

Token 0: v (prob: 0.8874)
Token 1: æ (prob: 0.7041)
Token 2: l (prob: 0.1738)
Token 3: g (prob: 0.7437)
Token 4: g (prob: 0.4308)
Token 5: æ (prob: 0.3335)
True: variegate, Predicted: vælgæ
True: abstracted, Predicted: bæd
True: intimate, Predicted: ædæt

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.6517)
Token 1: æ (prob: 0.6108)
Token 2: z (prob: 0.1927)
Token 3: (prob: 0.1915)
Token 4: æ (prob: 0.3484)
Token 5: æ (prob: 0.2363)
True: conscientious, Predicted: kæz æ
True: cactus, Predicted: kækər
True: leash, Predicted: læ

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.4482)
Token 1: æ (prob: 0.3672)
Token 2: æ (prob: 0.3572)
Token 3: r (prob: 0.2143)
Token 4: v (prob: 0.2715)
Token 5: v (prob: 0.6545)
True: turf, Predicted: særv
True: assumable, Predicted: sæmæb
True: consist, Predicted: kæz

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.9159)
Token 1: k (prob: 0.4950)
Token 2: æ (prob: 0.4781)
Token 3: æ (prob: 0.2165)
Token 4: ə (prob: 0.4830)
Token 5: l (prob: 0.3665)
True: squirrel, Predicted: kæl
True: unwary, Predicted: wær
True: inquire, Predicted: kæ

Raw prediction sequence (first 10 tokens):

Token 0: m (prob: 0.6137)
Token 1: æ (prob: 0.7464)
Token 2: d (prob: 0.5776)
Token 3: d (prob: 0.8419)
Token 4: ə (prob: 0.4803)
Token 5: l (prob: 0.4386)
True: middle, Predicted: mædəl
True: eye, Predicted: hæ
True: bloodless, Predicted: blædæm

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.8566)
Token 1: æ (prob: 0.5242)
Token 2: æ (prob: 0.4796)
Token 3: f (prob: 0.2346)

Token 4: æ (prob: 0.2271)
Token 5: (prob: 0.2464)
True: patricide, Predicted: pæfæ
True: renovate, Predicted: mækæv
True: rap, Predicted: læp

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.5247)
Token 1: æ (prob: 0.4985)
Token 2: æ (prob: 0.4020)
Token 3: b (prob: 0.2954)
Token 4: (prob: 0.2865)
Token 5: (prob: 0.5854)
True: garbage, Predicted: kæb
True: inception, Predicted: wæp
True: profession, Predicted: prf

Raw prediction sequence (first 10 tokens):

Token 0: v (prob: 0.7166)
Token 1: æ (prob: 0.6570)
Token 2: æ (prob: 0.3250)
Token 3: æ (prob: 0.2036)
Token 4: ə (prob: 0.2235)
Token 5: (prob: 0.2576)
True: voucher, Predicted: væ
True: bunchiness, Predicted: bæt
True: vindicative, Predicted: fæntət

Raw prediction sequence (first 10 tokens):

Token 0: f (prob: 0.9576)
Token 1: l (prob: 0.9561)
Token 2: æ (prob: 0.7460)
Token 3: æ (prob: 0.8299)
Token 4: æ (prob: 0.3333)
Token 5: t (prob: 0.3946)
True: flatter, Predicted: flæt
True: transfusion, Predicted: kæfæ
True: whereby, Predicted: sæb

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.2646)
Token 1: æ (prob: 0.6010)
Token 2: d (prob: 0.3918)
Token 3: d (prob: 0.3791)
Token 4: ə (prob: 0.3652)
Token 5: l (prob: 0.3324)
True: twaddle, Predicted: ædəl
True: like, Predicted: læ

True: elusive, Predicted: læv

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.7999)

Token 1: l (prob: 0.9232)

Token 2: æ (prob: 0.5390)

Token 3: æ (prob: 0.6847)

Token 4: s (prob: 0.2285)

Token 5: s (prob: 0.2545)

True: scholastic, Predicted: klæs

True: abstract, Predicted: bæ

True: sulphurize, Predicted: slæft

Raw prediction sequence (first 10 tokens):

Token 0: t (prob: 0.5296)

Token 1: æ (prob: 0.6395)

Token 2: æ (prob: 0.6233)

Token 3: m (prob: 0.4590)

Token 4: <blank> (prob: 0.4106)

Token 5: k (prob: 0.2287)

True: inharmonious, Predicted: tæmk

True: torrid, Predicted: særd

True: signification, Predicted: gæf

Raw prediction sequence (first 10 tokens):

Token 0: m (prob: 0.6580)

Token 1: æ (prob: 0.6317)

Token 2: æ (prob: 0.5431)

Token 3: <blank> (prob: 0.4847)

Token 4: <blank> (prob: 0.5447)

Token 5: r (prob: 0.3615)

True: know, Predicted: mæx

True: breeze, Predicted: bræ

True: surveillance, Predicted: vævl

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.3428)

Token 1: æ (prob: 0.7050)

Token 2: æ (prob: 0.2650)

Token 3: d (prob: 0.8611)

Token 4: d (prob: 0.6710)

Token 5: d (prob: 0.4790)

True: condition, Predicted: kæd

True: republish, Predicted: ræb

True: freckle, Predicted: fræmøl

Raw prediction sequence (first 10 tokens):

Token 0: t (prob: 0.4973)

Token 1: æ (prob: 0.4586)
Token 2: æ (prob: 0.4258)
Token 3: æ (prob: 0.4146)
Token 4: ə (prob: 0.3249)
Token 5: l (prob: 0.6664)
True: tassel, Predicted: tæsl
True: kite, Predicted: kæt
True: grievance, Predicted: gævr

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.5068)
Token 1: æ (prob: 0.6555)
Token 2: æ (prob: 0.3750)
Token 3: <blank> (prob: 0.5087)
Token 4: <blank> (prob: 0.5104)
Token 5: n (prob: 0.2560)
True: yarm, Predicted: æn
True: bake, Predicted: bæŋ
True: drill, Predicted: dæsl

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.3595)
Token 1: æ (prob: 0.4239)
Token 2: æ (prob: 0.7780)
Token 3: l (prob: 0.2222)
Token 4: l (prob: 0.6126)
Token 5: l (prob: 0.7972)
True: penal, Predicted: pæl
True: purchasable, Predicted: ærb
True: miraculous, Predicted: mææt

Raw prediction sequence (first 10 tokens):

Token 0: m (prob: 0.3515)
Token 1: æ (prob: 0.5501)
Token 2: æ (prob: 0.5517)
Token 3: b (prob: 0.6444)
Token 4: b (prob: 0.6226)
Token 5: b (prob: 0.5472)
True: immeasure, Predicted: mæb
True: peasant, Predicted: pær
True: shuffling, Predicted: væl

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.9549)
Token 1: r (prob: 0.8218)
Token 2: æ (prob: 0.3768)
Token 3: d (prob: 0.2663)
Token 4: d (prob: 0.7892)

Token 5: d (prob: 0.9241)
True: breadth, Predicted: bræd
True: abrogate, Predicted: əbært
True: obstacle, Predicted: bæk

Raw prediction sequence (first 10 tokens):

Token 0: f (prob: 0.9631)
Token 1: æ (prob: 0.5391)
Token 2: æ (prob: 0.2892)
Token 3: ŋ (prob: 0.7932)
Token 4: ŋ (prob: 0.7175)
Token 5: k (prob: 0.3877)
True: function, Predicted: fæŋk
True: piecemeal, Predicted: pæəl
True: beguile, Predicted: bækæ

Raw prediction sequence (first 10 tokens):

Token 0: l (prob: 0.6031)
Token 1: æ (prob: 0.8612)
Token 2: æ (prob: 0.3346)
Token 3: k (prob: 0.2145)
Token 4: ə (prob: 0.3649)
Token 5: t (prob: 0.2645)
True: rhinestone, Predicted: lækət
True: conscionable, Predicted: æbəb
True: selfconfidence, Predicted: pæfæ

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.2699)
Token 1: æ (prob: 0.5680)
Token 2: r (prob: 0.3289)
Token 3: æ (prob: 0.3765)
Token 4: d (prob: 0.3674)
Token 5: (prob: 0.4973)
True: refrigeration, Predicted: æræd
True: catechetic, Predicted: kætæp
True: agglomerate, Predicted: klæm

Raw prediction sequence (first 10 tokens):

Token 0: h (prob: 0.3906)
Token 1: æ (prob: 0.6707)
Token 2: æ (prob: 0.4863)
Token 3: p (prob: 0.3004)
Token 4: p (prob: 0.5887)
Token 5: p (prob: 0.7459)
True: hasp, Predicted: hæp
True: condescend, Predicted: kædææ
True: indignant, Predicted: mææt

Raw prediction sequence (first 10 tokens):

Token 0: d (prob: 0.9716)
Token 1: r (prob: 0.4924)
Token 2: r (prob: 0.4045)
Token 3: æ (prob: 0.4373)
Token 4: æ (prob: 0.2552)
Token 5: k (prob: 0.1643)
True: drunk, Predicted: dræk
True: lace, Predicted: læ
True: elocution, Predicted: ræk

Raw prediction sequence (first 10 tokens):

Token 0: v (prob: 0.8927)
Token 1: æ (prob: 0.7602)
Token 2: æ (prob: 0.3431)
Token 3: (prob: 0.2508)
Token 4: ə (prob: 0.3276)
Token 5: l (prob: 0.3533)
True: valise, Predicted: væəl
True: pine, Predicted: pæn
True: imprudent, Predicted: mpæt

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.7429)
Token 1: r (prob: 0.5512)
Token 2: æ (prob: 0.4513)
Token 3: æ (prob: 0.3328)
Token 4: (prob: 0.4650)
Token 5: n (prob: 0.3455)
True: sprain, Predicted: præ n
True: honk, Predicted: hæ
True: straightforward, Predicted: sræv

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.4049)
Token 1: n (prob: 0.3210)
Token 2: æ (prob: 0.6810)
Token 3: æ (prob: 0.4573)
Token 4: f (prob: 0.4587)
Token 5: f (prob: 0.5695)
True: traffic, Predicted: snæf
True: science, Predicted: sæ nəs
True: cog, Predicted: kæk

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.6402)
Token 1: b (prob: 0.5789)

Token 2: æ (prob: 0.3470)
Token 3: æ (prob: 0.4006)
Token 4: <blank> (prob: 0.2414)
Token 5: s (prob: 0.1990)
True: abashed, Predicted: bæš
True: eczema, Predicted: sæsk
True: subdued, Predicted: ædæd

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.7775)
Token 1: p (prob: 0.7038)
Token 2: p (prob: 0.5338)
Token 3: æ (prob: 0.5753)
Token 4: æ (prob: 0.2163)
Token 5: r (prob: 0.4792)
True: spur, Predicted: spær
True: onward, Predicted: skæd
True: clink, Predicted: klæn

Raw prediction sequence (first 10 tokens):

Token 0: (prob: 0.4574)
Token 1: f (prob: 0.5959)
Token 2: f (prob: 0.7863)
Token 3: æ (prob: 0.4684)
Token 4: <blank> (prob: 0.2168)
Token 5: n (prob: 0.1686)
True: infer, Predicted: fæn
True: doubtful, Predicted: dæt
True: abstain, Predicted: bæt

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.4290)
Token 1: d (prob: 0.4154)
Token 2: d (prob: 0.4005)
Token 3: æ (prob: 0.6030)
Token 4: r (prob: 0.2783)
Token 5: r (prob: 0.2444)
True: odor, Predicted: ædær
True: dismissal, Predicted: dææl
True: doggerel, Predicted: dækær

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.5145)
Token 1: æ (prob: 0.5927)
Token 2: k (prob: 0.3103)
Token 3: k (prob: 0.6305)
Token 4: ə (prob: 0.3284)
Token 5: æ (prob: 0.2274)

True: axis, Predicted: ækæ
True: pastorate, Predicted: pār
True: territory, Predicted: tæt

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.8965)
Token 1: æ (prob: 0.4921)
Token 2: æ (prob: 0.4858)
Token 3: æ (prob: 0.3573)
Token 4: <blank> (prob: 0.2276)
Token 5: t (prob: 0.4367)
True: pot, Predicted: bæt
True: jacosely, Predicted: dægæ
True: superlative, Predicted: plæt

Raw prediction sequence (first 10 tokens):

Token 0: t (prob: 0.3939)
Token 1: æ (prob: 0.5464)
Token 2: æ (prob: 0.2956)
Token 3: æ (prob: 0.2043)
Token 4: æ (prob: 0.2792)
Token 5: æ (prob: 0.1750)
True: statistics, Predicted: tæ
True: elemental, Predicted: ræm
True: attainment, Predicted: ææl

Raw prediction sequence (first 10 tokens):

Token 0: t (prob: 0.2607)
Token 1: æ (prob: 0.4451)
Token 2: æ (prob: 0.5419)
Token 3: b (prob: 0.2717)
Token 4: d (prob: 0.2489)
Token 5: b (prob: 0.3271)
True: attentive, Predicted: tæbdb
True: indigestion, Predicted: ræd
True: vincible, Predicted: fæb

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.8567)
Token 1: æ (prob: 0.5667)
Token 2: æ (prob: 0.5846)
Token 3: <blank> (prob: 0.3282)
Token 4: <blank> (prob: 0.4579)
Token 5: k (prob: 0.3583)
True: bog, Predicted: bæk
True: mellowness, Predicted: mælæ
True: armada, Predicted: æd

Raw prediction sequence (first 10 tokens):

Token 0: d (prob: 0.9363)
Token 1: d (prob: 0.3994)
Token 2: æ (prob: 0.7221)
Token 3: æ (prob: 0.5339)
Token 4: <blank> (prob: 0.3336)
Token 5: m (prob: 0.3272)
True: auditorium, Predicted: dæm
True: inaction, Predicted: kæt
True: radiant, Predicted: wæd

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.3735)
Token 1: æ (prob: 0.3502)
Token 2: æ (prob: 0.4326)
Token 3: æ (prob: 0.3201)
Token 4: ə (prob: 0.3518)
Token 5: r (prob: 0.6582)
True: chauffeur, Predicted: sær
True: astigmatism, Predicted: sægər
True: lubrication, Predicted: rmbæk

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.4521)
Token 1: æ (prob: 0.5693)
Token 2: r (prob: 0.4821)
Token 3: æ (prob: 0.3654)
Token 4: d (prob: 0.4710)
Token 5: d (prob: 0.5463)
True: centre, Predicted: særæd
True: trite, Predicted: tæ t
True: ford, Predicted: fæd

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.7487)
Token 1: æ (prob: 0.5487)
Token 2: æ (prob: 0.3222)
Token 3: æ (prob: 0.3446)
Token 4: ə (prob: 0.2786)
Token 5: d (prob: 0.5077)
True: constituent, Predicted: kæd
True: contemplation, Predicted: ædæs
True: consent, Predicted: kwænd

Raw prediction sequence (first 10 tokens):

Token 0: r (prob: 0.2621)
Token 1: æ (prob: 0.7474)
Token 2: ŋ (prob: 0.6690)

Token 3: k (prob: 0.2537)
Token 4: ə (prob: 0.6847)
Token 5: l (prob: 0.7740)
True: arsenal, Predicted: rəŋkəl
True: generate, Predicted: dælə
True: perspective, Predicted: pæpər

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.7257)
Token 1: æ (prob: 0.5865)
Token 2: æ (prob: 0.2387)
Token 3: æ (prob: 0.2260)
Token 4: ə (prob: 0.2802)
Token 5: k (prob: 0.2886)
True: constrict, Predicted: kæk
True: element, Predicted: æm
True: wretchedness, Predicted: rəd

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.8210)
Token 1: w (prob: 0.5968)
Token 2: æ (prob: 0.4221)
Token 3: æ (prob: 0.3908)
Token 4: t (prob: 0.3435)
Token 5: d (prob: 0.6103)
True: concede, Predicted: kwætd
True: orchard, Predicted: æd
True: obituary, Predicted: əbæt

Raw prediction sequence (first 10 tokens):

Token 0: g (prob: 0.5936)
Token 1: k (prob: 0.2720)
Token 2: r (prob: 0.5826)
Token 3: æ (prob: 0.5366)
Token 4: b (prob: 0.7005)
Token 5: b (prob: 0.7276)
True: scribble, Predicted: gkræb
True: cynosure, Predicted: sæs t
True: lever, Predicted: læv

Raw prediction sequence (first 10 tokens):

Token 0: f (prob: 0.7150)
Token 1: æ (prob: 0.7011)
Token 2: æ (prob: 0.5335)
Token 3: æ (prob: 0.2970)
Token 4: <blank> (prob: 0.3176)
Token 5: b (prob: 0.5759)
True: foible, Predicted: fæb

True: chemist, Predicted: kænmes
True: packt, Predicted: pæk

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.6582)
Token 1: æ (prob: 0.4829)
Token 2: p (prob: 0.6164)
Token 3: p (prob: 0.7135)
Token 4: ə (prob: 0.3959)
Token 5: r (prob: 0.5367)
True: cypress, Predicted: sæpər
True: alertness, Predicted: æt
True: predict, Predicted: prd

Raw prediction sequence (first 10 tokens):

Token 0: h (prob: 0.8128)
Token 1: æ (prob: 0.3724)
Token 2: s (prob: 0.2247)
Token 3: s (prob: 0.4354)
Token 4: æ (prob: 0.3769)
Token 5: æ (prob: 0.1920)
True: histology, Predicted: hæsa
True: ivy, Predicted: sæv
True: ready, Predicted: læd

Raw prediction sequence (first 10 tokens):

Token 0: l (prob: 0.8616)
Token 1: æ (prob: 0.6756)
Token 2: m (prob: 0.5315)
Token 3: m (prob: 0.3299)
Token 4: p (prob: 0.3520)
Token 5: p (prob: 0.3793)
True: learnable, Predicted: læmp
True: drawn, Predicted: dræm
True: skill, Predicted: skl

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.3206)
Token 1: æ (prob: 0.4989)
Token 2: d (prob: 0.6277)
Token 3: d (prob: 0.4561)
Token 4: æ (prob: 0.4493)
Token 5: æ (prob: 0.2372)
True: candidacy, Predicted: ædæ
True: sleek, Predicted: læk
True: monument, Predicted: mæn

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.4032)
Token 1: æ (prob: 0.6142)
Token 2: æ (prob: 0.3532)
Token 3: æ (prob: 0.2706)
Token 4: <blank> (prob: 0.2440)
Token 5: (prob: 0.3943)
True: selfish, Predicted: æ
True: accessiblility, Predicted: kræp
True: abutment, Predicted: epæn

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.5368)
Token 1: æ (prob: 0.6510)
Token 2: v (prob: 0.4974)
Token 3: v (prob: 0.4753)
Token 4: æ (prob: 0.2412)
Token 5: r (prob: 0.1448)
True: conjure, Predicted: kævær
True: aperient, Predicted: eprært
True: prostrate, Predicted: plæ

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.6634)
Token 1: æ (prob: 0.4769)
Token 2: æ (prob: 0.4363)
Token 3: f (prob: 0.3840)
Token 4: f (prob: 0.4531)
Token 5: f (prob: 0.3580)
True: purification, Predicted: pæf
True: causation, Predicted: kæ
True: permeate, Predicted: plæ

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.4031)
Token 1: æ (prob: 0.2602)
Token 2: æ (prob: 0.6645)
Token 3: ŋ (prob: 0.3015)
Token 4: <blank> (prob: 0.2846)
Token 5: k (prob: 0.3903)
True: pinnacle, Predicted: pæŋk
True: reprobate, Predicted: ærb
True: fumigate, Predicted: flæg

Raw prediction sequence (first 10 tokens):

Token 0: d (prob: 0.5310)
Token 1: æ (prob: 0.4990)
Token 2: æ (prob: 0.2928)
Token 3: æ (prob: 0.2860)

Token 4: s (prob: 0.1811)
Token 5: s (prob: 0.1863)
True: denizen, Predicted: dæs
True: harshness, Predicted: hæ
True: all, Predicted: hæ

Raw prediction sequence (first 10 tokens):

Token 0: f (prob: 0.5872)
Token 1: l (prob: 0.8219)
Token 2: æ (prob: 0.5094)
Token 3: æ (prob: 0.4491)
Token 4: æ (prob: 0.4423)
Token 5: t (prob: 0.4431)
True: promenade, Predicted: flæt
True: pew, Predicted: p æ
True: conjugation, Predicted: fægæ

Raw prediction sequence (first 10 tokens):

Token 0: d (prob: 0.9083)
Token 1: æ (prob: 0.6059)
Token 2: æ (prob: 0.5057)
Token 3: <blank> (prob: 0.5424)
Token 4: <blank> (prob: 0.6822)
Token 5: <blank> (prob: 0.2875)
True: deceit, Predicted: dæ
True: haggard, Predicted: skæd
True: hoist, Predicted: nær

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.4015)
Token 1: p (prob: 0.6945)
Token 2: r (prob: 0.4474)
Token 3: r (prob: 0.3692)
Token 4: æ (prob: 0.3268)
Token 5: m (prob: 0.3557)
True: hypnotism, Predicted: sprøm
True: depopulation, Predicted: dæbæt
True: disinfect, Predicted: d sæft

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.2764)
Token 1: æ (prob: 0.5735)
Token 2: æ (prob: 0.2472)
Token 3: n (prob: 0.2705)
Token 4: æ (prob: 0.2494)
Token 5: æ (prob: 0.2087)
True: athlete, Predicted: kænæ
True: chattel, Predicted: tætøl

True: gear, Predicted: gær

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.7555)
Token 1: æ (prob: 0.6637)
Token 2: l (prob: 0.3268)
Token 3: <blank> (prob: 0.3250)
Token 4: <blank> (prob: 0.6119)
Token 5: m (prob: 0.4020)
True: column, Predicted: kælm
True: deference, Predicted: d fæ
True: truncal, Predicted: æŋəl

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.7041)
Token 1: l (prob: 0.9847)
Token 2: l (prob: 0.5710)
Token 3: æ (prob: 0.9043)
Token 4: æ (prob: 0.4443)
Token 5: t (prob: 0.1954)
True: plain, Predicted: plæt
True: measurable, Predicted: mæb
True: pancreatic, Predicted: pægəp

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.8404)
Token 1: æ (prob: 0.3635)
Token 2: l (prob: 0.5779)
Token 3: l (prob: 0.5796)
Token 4: <blank> (prob: 0.3421)
Token 5: <blank> (prob: 0.1757)
True: bellow, Predicted: bæł
True: derive, Predicted: dræt
True: joyfulness, Predicted: d æt

Raw prediction sequence (first 10 tokens):

Token 0: m (prob: 0.7110)
Token 1: æ (prob: 0.7022)
Token 2: æ (prob: 0.3655)
Token 3: <blank> (prob: 0.2949)
Token 4: l (prob: 0.3695)
Token 5: l (prob: 0.4506)
True: nor, Predicted: mæl
True: compulsorily, Predicted: præs
True: vixen, Predicted: væs

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.9440)

Token 1: r (prob: 0.5545)
Token 2: æ (prob: 0.5695)
Token 3: f (prob: 0.6711)
Token 4: f (prob: 0.3396)
Token 5: t (prob: 0.2210)
True: pervert, Predicted: præft
True: shrive, Predicted: sæ v
True: location, Predicted: lækəs

Raw prediction sequence (first 10 tokens):

Token 0: m (prob: 0.4778)
Token 1: æ (prob: 0.6213)
Token 2: æ (prob: 0.3242)
Token 3: æ (prob: 0.1826)
Token 4: ə (prob: 0.2210)
Token 5: t (prob: 0.3045)
True: inconsistency, Predicted: mææt
True: mite, Predicted: mæt
True: somber, Predicted: sæmbəb
Epoch 6/10, Train Loss: 0.6394, Val Loss: 0.6990
Epoch 7/10, Batch 1/335, Loss: 0.5204, Time: 0.17s
Epoch 7/10, Batch 11/335, Loss: 0.6743, Time: 0.16s
Epoch 7/10, Batch 21/335, Loss: 0.5892, Time: 0.17s
Epoch 7/10, Batch 31/335, Loss: 0.3034, Time: 0.18s
Epoch 7/10, Batch 41/335, Loss: 0.5491, Time: 0.17s
Epoch 7/10, Batch 51/335, Loss: 0.9563, Time: 0.19s
Epoch 7/10, Batch 61/335, Loss: 0.9155, Time: 0.17s
Epoch 7/10, Batch 71/335, Loss: 0.6759, Time: 0.18s
Epoch 7/10, Batch 81/335, Loss: 0.5049, Time: 0.18s
Epoch 7/10, Batch 91/335, Loss: 0.8502, Time: 0.17s
Epoch 7/10, Batch 101/335, Loss: 0.5503, Time: 0.17s
Epoch 7/10, Batch 111/335, Loss: 0.5827, Time: 0.17s
Epoch 7/10, Batch 121/335, Loss: 0.9639, Time: 0.18s
Epoch 7/10, Batch 131/335, Loss: 0.7971, Time: 0.17s
Epoch 7/10, Batch 141/335, Loss: 0.7884, Time: 0.29s
Epoch 7/10, Batch 151/335, Loss: 0.7911, Time: 0.18s
Epoch 7/10, Batch 161/335, Loss: 0.7472, Time: 0.18s
Epoch 7/10, Batch 171/335, Loss: 0.6053, Time: 0.20s
Epoch 7/10, Batch 181/335, Loss: 0.9660, Time: 0.17s
Epoch 7/10, Batch 191/335, Loss: 0.3739, Time: 0.17s
Epoch 7/10, Batch 201/335, Loss: 0.8245, Time: 0.17s
Epoch 7/10, Batch 211/335, Loss: 0.7145, Time: 0.17s
Epoch 7/10, Batch 221/335, Loss: 0.8284, Time: 0.17s
Epoch 7/10, Batch 231/335, Loss: 0.3916, Time: 0.17s
Epoch 7/10, Batch 241/335, Loss: 0.6091, Time: 0.16s
Epoch 7/10, Batch 251/335, Loss: 0.6124, Time: 0.17s
Epoch 7/10, Batch 261/335, Loss: 0.5823, Time: 0.17s
Epoch 7/10, Batch 271/335, Loss: 0.9191, Time: 0.17s

Epoch 7/10, Batch 281/335, Loss: 0.6738, Time: 0.17s
Epoch 7/10, Batch 291/335, Loss: 0.6504, Time: 0.17s
Epoch 7/10, Batch 301/335, Loss: 0.5422, Time: 0.17s
Epoch 7/10, Batch 311/335, Loss: 0.6806, Time: 0.17s
Epoch 7/10, Batch 321/335, Loss: 0.7747, Time: 0.18s
Epoch 7/10, Batch 331/335, Loss: 0.8761, Time: 0.17s

Raw prediction sequence (first 10 tokens):

Token 0: n (prob: 0.3601)
Token 1: æ (prob: 0.5216)
Token 2: æ (prob: 0.1968)
Token 3: æ (prob: 0.3539)
Token 4: <blank> (prob: 0.3029)
Token 5: <blank> (prob: 0.2192)
True: conscious, Predicted: næ
True: overthrow, Predicted: sæmæ
True: cocoon, Predicted: kækæn

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.9821)
Token 1: r (prob: 0.9277)
Token 2: æ (prob: 0.5489)
Token 3: æ (prob: 0.5125)
Token 4: <blank> (prob: 0.5370)
Token 5: <blank> (prob: 0.1587)
True: borough, Predicted: bræ
True: paltriness, Predicted: pæter
True: phlegm, Predicted: flæem

Raw prediction sequence (first 10 tokens):

Token 0: (prob: 0.5308)
Token 1: æ (prob: 0.6722)
Token 2: æ (prob: 0.6206)
Token 3: l (prob: 0.4563)
Token 4: l (prob: 0.7978)
Token 5: l (prob: 0.8590)
True: child, Predicted: æl
True: apostolic, Predicted: epæel
True: cracked, Predicted: kræk

Raw prediction sequence (first 10 tokens):

Token 0: m (prob: 0.6744)
Token 1: æ (prob: 0.6187)
Token 2: æ (prob: 0.2539)
Token 3: æ (prob: 0.3067)
Token 4: <blank> (prob: 0.3026)
Token 5: r (prob: 0.2336)
True: mealiness, Predicted: mæx

True: inviolate, Predicted: fælæ
True: downhill, Predicted: dræel

Raw prediction sequence (first 10 tokens):

Token 0: g (prob: 0.7719)
Token 1: æ (prob: 0.2892)
Token 2: æ (prob: 0.3440)
Token 3: <blank> (prob: 0.3829)
Token 4: <blank> (prob: 0.4959)
Token 5: <blank> (prob: 0.3807)
True: organ, Predicted: gæ
True: sometimes, Predicted: d æ
True: signable, Predicted: sæd

Raw prediction sequence (first 10 tokens):

Token 0: (prob: 0.3090)
Token 1: n (prob: 0.3750)
Token 2: v (prob: 0.6027)
Token 3: æ (prob: 0.5551)
Token 4: æ (prob: 0.3195)
Token 5: t (prob: 0.2954)
True: ingenious, Predicted: nvæt
True: egress, Predicted: grær
True: pansy, Predicted: pækæ

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.6683)
Token 1: æ (prob: 0.5489)
Token 2: æ (prob: 0.4235)
Token 3: æ (prob: 0.3864)
Token 4: e (prob: 0.3287)
Token 5: r (prob: 0.3395)
True: benefactress, Predicted: bæer
True: uniformity, Predicted: kævæd
True: angelical, Predicted: rædæt

Raw prediction sequence (first 10 tokens):

Token 0: r (prob: 0.8044)
Token 1: æ (prob: 0.7258)
Token 2: m (prob: 0.5511)
Token 3: b (prob: 0.3573)
Token 4: e (prob: 0.7015)
Token 5: l (prob: 0.4175)
True: lambrequin, Predicted: ræmbel
True: pistol, Predicted: pæm
True: cry, Predicted: græ

Raw prediction sequence (first 10 tokens):

Token 0: v (prob: 0.9392)
Token 1: æ (prob: 0.6942)
Token 2: r (prob: 0.3055)
Token 3: g (prob: 0.3442)
Token 4: g (prob: 0.2915)
Token 5: g (prob: 0.3590)
True: variegate, Predicted: værg
True: abstracted, Predicted: bæræt
True: intimate, Predicted: dæs

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.7710)
Token 1: æ (prob: 0.5484)
Token 2: s (prob: 0.2849)
Token 3: s (prob: 0.2468)
Token 4: æ (prob: 0.3289)
Token 5: s (prob: 0.2275)
True: conscientious, Predicted: kæsæs
True: cactus, Predicted: kækær
True: leash, Predicted: ræ

Raw prediction sequence (first 10 tokens):

Token 0: t (prob: 0.4256)
Token 1: æ (prob: 0.4737)
Token 2: r (prob: 0.4279)
Token 3: æ (prob: 0.2502)
Token 4: (prob: 0.3300)
Token 5: v (prob: 0.5511)
True: turf, Predicted: tæræ v
True: assumable, Predicted: sælæb
True: consist, Predicted: kæ

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.7972)
Token 1: k (prob: 0.4987)
Token 2: æ (prob: 0.5996)
Token 3: æ (prob: 0.3196)
Token 4: æ (prob: 0.3588)
Token 5: l (prob: 0.2634)
True: squirrel, Predicted: kæl
True: unwary, Predicted: wær
True: inquire, Predicted: kæ

Raw prediction sequence (first 10 tokens):

Token 0: m (prob: 0.3491)
Token 1: æ (prob: 0.6187)
Token 2: æ (prob: 0.3682)
Token 3: æ (prob: 0.3839)

Token 4: ə (prob: 0.4050)
Token 5: m (prob: 0.2888)
True: middle, Predicted: mæəm
True: eye, Predicted: hæ
True: bloodless, Predicted: prædəm

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.7734)
Token 1: æ (prob: 0.4753)
Token 2: æ (prob: 0.3998)
Token 3: æ (prob: 0.2092)
Token 4: ə (prob: 0.2003)
Token 5: (prob: 0.2576)
True: patricide, Predicted: pæ
True: renovate, Predicted: rækæt
True: rap, Predicted: ræp

Raw prediction sequence (first 10 tokens):

Token 0: m (prob: 0.2737)
Token 1: æ (prob: 0.5103)
Token 2: d (prob: 0.3619)
Token 3: (prob: 0.3918)
Token 4: (prob: 0.2536)
Token 5: l (prob: 0.1573)
True: garbage, Predicted: mæd l
True: inception, Predicted: wæp
True: profession, Predicted: prfæ

Raw prediction sequence (first 10 tokens):

Token 0: v (prob: 0.7120)
Token 1: æ (prob: 0.6067)
Token 2: æ (prob: 0.2190)
Token 3: æ (prob: 0.2023)
Token 4: ə (prob: 0.3261)
Token 5: r (prob: 0.1990)
True: voucher, Predicted: væər
True: bunchiness, Predicted: bæt
True: vindictive, Predicted: ænæ æ

Raw prediction sequence (first 10 tokens):

Token 0: f (prob: 0.9847)
Token 1: l (prob: 0.6979)
Token 2: æ (prob: 0.6648)
Token 3: æ (prob: 0.8223)
Token 4: (prob: 0.3586)
Token 5: t (prob: 0.2588)
True: flatter, Predicted: flæt
True: transfusion, Predicted: kæfæs

True: whereby, Predicted: ræbəl

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.4619)

Token 1: æ (prob: 0.5106)

Token 2: d (prob: 0.5333)

Token 3: d (prob: 0.3847)

Token 4: ə (prob: 0.4194)

Token 5: l (prob: 0.4770)

True: twaddle, Predicted: ædəl

True: like, Predicted: læ

True: elusive, Predicted: ælæv

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.4638)

Token 1: k (prob: 0.3664)

Token 2: l (prob: 0.6209)

Token 3: l (prob: 0.3651)

Token 4: æ (prob: 0.2413)

Token 5: s (prob: 0.4427)

True: scholastic, Predicted: sklæs

True: abstract, Predicted: əbæ

True: sulphurize, Predicted: slf

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.3377)

Token 1: æ (prob: 0.6596)

Token 2: æ (prob: 0.5111)

Token 3: m (prob: 0.2946)

Token 4: m (prob: 0.3312)

Token 5: m (prob: 0.2863)

True: inharmonious, Predicted: sæm

True: torrid, Predicted: sræd

True: signification, Predicted: gæf

Raw prediction sequence (first 10 tokens):

Token 0: n (prob: 0.5401)

Token 1: æ (prob: 0.6587)

Token 2: æ (prob: 0.4037)

Token 3: <blank> (prob: 0.3514)

Token 4: <blank> (prob: 0.4591)

Token 5: r (prob: 0.3715)

True: know, Predicted: nær

True: breeze, Predicted: bræ

True: surveillance, Predicted: sævæl

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.6784)

Token 1: æ (prob: 0.6191)
Token 2: n (prob: 0.3503)
Token 3: d (prob: 0.7902)
Token 4: d (prob: 0.2971)
Token 5: æ (prob: 0.3800)
True: condition, Predicted: kændæ
True: republish, Predicted: wæbl
True: freckle, Predicted: fræmæl

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.3389)
Token 1: p (prob: 0.4574)
Token 2: æ (prob: 0.5910)
Token 3: æ (prob: 0.5440)
Token 4: ə (prob: 0.3041)
Token 5: l (prob: 0.5019)
True: tassell, Predicted: spæel
True: kite, Predicted: kæ t
True: grievance, Predicted: grævær

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.4014)
Token 1: æ (prob: 0.6370)
Token 2: <blank> (prob: 0.5581)
Token 3: <blank> (prob: 0.8422)
Token 4: <blank> (prob: 0.8676)
Token 5: n (prob: 0.3743)
True: yarm, Predicted: æn
True: bake, Predicted: bæ
True: drill, Predicted: dræel

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.5256)
Token 1: æ (prob: 0.7652)
Token 2: æ (prob: 0.6080)
Token 3: (prob: 0.1960)
Token 4: l (prob: 0.4177)
Token 5: l (prob: 0.9098)
True: penal, Predicted: pæ l
True: purchasable, Predicted: æræb
True: miraculous, Predicted: mææt

Raw prediction sequence (first 10 tokens):

Token 0: m (prob: 0.3535)
Token 1: æ (prob: 0.5672)
Token 2: æ (prob: 0.4817)
Token 3: b (prob: 0.6599)
Token 4: b (prob: 0.4046)

Token 5: l (prob: 0.4761)
True: immeasure, Predicted: mæbl
True: peasant, Predicted: pæ t
True: shuffling, Predicted: fæel

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.9499)
Token 1: r (prob: 0.8551)
Token 2: r (prob: 0.4795)
Token 3: æ (prob: 0.2540)
Token 4: d (prob: 0.5705)
Token 5: d (prob: 0.8596)
True: breadth, Predicted: bræd
True: abrogate, Predicted: əbæ m
True: obstacle, Predicted: spæ

Raw prediction sequence (first 10 tokens):

Token 0: f (prob: 0.8749)
Token 1: æ (prob: 0.7761)
Token 2: æ (prob: 0.4013)
Token 3: ŋ (prob: 0.8007)
Token 4: ŋ (prob: 0.6814)
Token 5: k (prob: 0.3199)
True: function, Predicted: fæŋk
True: piecemeal, Predicted: pæel
True: beguile, Predicted: pækæ

Raw prediction sequence (first 10 tokens):

Token 0: r (prob: 0.7419)
Token 1: æ (prob: 0.7961)
Token 2: æ (prob: 0.3101)
Token 3: n (prob: 0.2562)
Token 4: ə (prob: 0.3482)
Token 5: r (prob: 0.2800)
True: rhinestone, Predicted: rænər
True: conscionable, Predicted: æbəb
True: selfconfidence, Predicted: hærf f

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.3831)
Token 1: æ (prob: 0.3044)
Token 2: r (prob: 0.2956)
Token 3: æ (prob: 0.3930)
Token 4: d (prob: 0.3768)
Token 5: (prob: 0.4565)
True: refrigeration, Predicted: æræd
True: catechetic, Predicted: kætæ
True: agglomerate, Predicted: kræ m

Raw prediction sequence (first 10 tokens):

Token 0: h (prob: 0.6132)
Token 1: æ (prob: 0.6660)
Token 2: æ (prob: 0.4043)
Token 3: <blank> (prob: 0.3660)
Token 4: p (prob: 0.7538)
Token 5: p (prob: 0.8875)
True: hasp, Predicted: hæp
True: condescend, Predicted: kændæ
True: indignant, Predicted: ræt

Raw prediction sequence (first 10 tokens):

Token 0: d (prob: 0.9754)
Token 1: r (prob: 0.4656)
Token 2: æ (prob: 0.4525)
Token 3: m (prob: 0.4192)
Token 4: m (prob: 0.4739)
Token 5: m (prob: 0.3818)
True: drunk, Predicted: dræm
True: lace, Predicted: læ
True: elocution, Predicted: ræks

Raw prediction sequence (first 10 tokens):

Token 0: v (prob: 0.9460)
Token 1: æ (prob: 0.7829)
Token 2: æ (prob: 0.3224)
Token 3: æ (prob: 0.2283)
Token 4: (prob: 0.1824)
Token 5: l (prob: 0.3574)
True: valise, Predicted: væ l
True: pine, Predicted: pæn
True: imprudent, Predicted: mpæ

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.7767)
Token 1: r (prob: 0.7740)
Token 2: r (prob: 0.5101)
Token 3: (prob: 0.3963)
Token 4: (prob: 0.6339)
Token 5: n (prob: 0.3556)
True: sprain, Predicted: pr n
True: honk, Predicted: hæŋ
True: straightforward, Predicted: træ d

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.3463)
Token 1: r (prob: 0.5123)

Token 2: æ (prob: 0.6985)
Token 3: æ (prob: 0.4228)
Token 4: f (prob: 0.3191)
Token 5: f (prob: 0.4533)
True: traffic, Predicted: sræf
True: science, Predicted: sænæs
True: cog, Predicted: kægk

Raw prediction sequence (first 10 tokens):

Token 0: ə (prob: 0.3912)
Token 1: b (prob: 0.3358)
Token 2: æ (prob: 0.3902)
Token 3: æ (prob: 0.5089)
Token 4: (prob: 0.2815)
Token 5: s (prob: 0.2438)
True: abashed, Predicted: əbæ s
True: eczema, Predicted: s n
True: subdued, Predicted: dæt

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.6875)
Token 1: p (prob: 0.3972)
Token 2: p (prob: 0.6059)
Token 3: æ (prob: 0.5233)
Token 4: ə (prob: 0.2744)
Token 5: r (prob: 0.3330)
True: spur, Predicted: spær
True: onward, Predicted: sæd
True: clink, Predicted: klæn

Raw prediction sequence (first 10 tokens):

Token 0: (prob: 0.3921)
Token 1: f (prob: 0.2810)
Token 2: f (prob: 0.7859)
Token 3: æ (prob: 0.5958)
Token 4: <blank> (prob: 0.2529)
Token 5: r (prob: 0.1641)
True: infer, Predicted: fær
True: doubtful, Predicted: d sæ t
True: abstain, Predicted: əbæt

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.3524)
Token 1: d (prob: 0.5509)
Token 2: æ (prob: 0.4622)
Token 3: æ (prob: 0.5678)
Token 4: æ (prob: 0.1985)
Token 5: r (prob: 0.2117)

True: odor, Predicted: ædær
True: dismissal, Predicted: drær
True: doggerel, Predicted: dækæær

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.4945)
Token 1: æ (prob: 0.4848)
Token 2: k (prob: 0.4160)
Token 3: k (prob: 0.8073)
Token 4: ə (prob: 0.2880)
Token 5: s (prob: 0.3654)
True: axis, Predicted: ækəs
True: pastorate, Predicted: pær
True: territory, Predicted: tæt

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.4874)
Token 1: æ (prob: 0.7446)
Token 2: æ (prob: 0.4825)
Token 3: æ (prob: 0.3607)
Token 4: (prob: 0.2107)
Token 5: d (prob: 0.4753)
True: pot, Predicted: bæ d
True: jacosely, Predicted: dægkæ
True: superlative, Predicted: plæt

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.4705)
Token 1: æ (prob: 0.3941)
Token 2: æ (prob: 0.3046)
Token 3: æ (prob: 0.2761)
Token 4: æ (prob: 0.3290)
Token 5: t (prob: 0.2510)
True: statistics, Predicted: sæt
True: elemental, Predicted: ær
True: attainment, Predicted: ææəm

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.3742)
Token 1: æ (prob: 0.5439)
Token 2: æ (prob: 0.4366)
Token 3: b (prob: 0.2572)
Token 4: ə (prob: 0.3439)
Token 5: d (prob: 0.2925)
True: attentive, Predicted: æbəd
True: indigestion, Predicted: ræææ
True: vincible, Predicted: væə

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.6226)
Token 1: æ (prob: 0.5450)
Token 2: æ (prob: 0.6021)
Token 3: <blank> (prob: 0.2624)
Token 4: <blank> (prob: 0.3932)
Token 5: k (prob: 0.4012)
True: bog, Predicted: bæk
True: mellowness, Predicted: mælæ
True: armada, Predicted: æd

Raw prediction sequence (first 10 tokens):

Token 0: d (prob: 0.4105)
Token 1: d (prob: 0.4946)
Token 2: æ (prob: 0.6321)
Token 3: æ (prob: 0.6231)
Token 4: m (prob: 0.2256)
Token 5: m (prob: 0.5921)
True: auditorium, Predicted: dæm
True: inaction, Predicted: kæks
True: radiant, Predicted: sætør

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.3801)
Token 1: æ (prob: 0.4135)
Token 2: æ (prob: 0.6555)
Token 3: æ (prob: 0.4100)
Token 4: <blank> (prob: 0.3192)
Token 5: r (prob: 0.3364)
True: chauffeur, Predicted: sær
True: astigmatism, Predicted: sækør
True: lubrication, Predicted: rmbæt

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.3699)
Token 1: æ (prob: 0.4608)
Token 2: r (prob: 0.4424)
Token 3: æ (prob: 0.5062)
Token 4: æ (prob: 0.2601)
Token 5: d (prob: 0.4055)
True: centrod, Predicted: æræd
True: trite, Predicted: træ t
True: ford, Predicted: fæd

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.8353)
Token 1: æ (prob: 0.7107)
Token 2: æ (prob: 0.3758)

Token 3: æ (prob: 0.3532)
Token 4: n (prob: 0.4381)
Token 5: t (prob: 0.4078)
True: constituent, Predicted: kænt
True: contemplation, Predicted: ændæp
True: consent, Predicted: kwænt

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.4973)
Token 1: æ (prob: 0.6735)
Token 2: æ (prob: 0.2917)
Token 3: <blank> (prob: 0.3706)
Token 4: ə (prob: 0.3725)
Token 5: l (prob: 0.8354)
True: arsenal, Predicted: sæl
True: generate, Predicted: d æ
True: perspective, Predicted: pæpəæ

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.6618)
Token 1: æ (prob: 0.6069)
Token 2: æ (prob: 0.3129)
Token 3: æ (prob: 0.2193)
Token 4: ŋ (prob: 0.4005)
Token 5: ŋ (prob: 0.4275)
True: constrict, Predicted: kæn
True: element, Predicted: ræm
True: wretchedness, Predicted: ræə

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.8661)
Token 1: w (prob: 0.4807)
Token 2: æ (prob: 0.3986)
Token 3: æ (prob: 0.4968)
Token 4: æ (prob: 0.1940)
Token 5: d (prob: 0.4632)
True: concede, Predicted: kwæd
True: orchard, Predicted: æd
True: obituary, Predicted: əpæt

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.6510)
Token 1: r (prob: 0.4029)
Token 2: r (prob: 0.6521)
Token 3: æ (prob: 0.6567)
Token 4: b (prob: 0.4308)
Token 5: b (prob: 0.5947)
True: scribble, Predicted: sræb

True: cynosure, Predicted: ræks s
True: lever, Predicted: rævæn

Raw prediction sequence (first 10 tokens):

Token 0: f (prob: 0.6108)
Token 1: æ (prob: 0.7330)
Token 2: æ (prob: 0.5249)
Token 3: <blank> (prob: 0.2860)
Token 4: <blank> (prob: 0.3124)
Token 5: b (prob: 0.4583)
True: foible, Predicted: fæb
True: chemist, Predicted: kænms
True: packt, Predicted: pæk

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.4725)
Token 1: æ (prob: 0.3664)
Token 2: p (prob: 0.7511)
Token 3: p (prob: 0.3209)
Token 4: æ (prob: 0.2376)
Token 5: r (prob: 0.2777)
True: cypress, Predicted: sæper
True: alertness, Predicted: ælæt
True: predict, Predicted: prædæ

Raw prediction sequence (first 10 tokens):

Token 0: h (prob: 0.5445)
Token 1: (prob: 0.2943)
Token 2: s (prob: 0.4767)
Token 3: s (prob: 0.4389)
Token 4: æ (prob: 0.2485)
Token 5: s (prob: 0.3750)
True: histology, Predicted: h sæs
True: ivy, Predicted: æv
True: ready, Predicted: rædæ

Raw prediction sequence (first 10 tokens):

Token 0: l (prob: 0.7326)
Token 1: æ (prob: 0.7174)
Token 2: æ (prob: 0.5977)
Token 3: p (prob: 0.4717)
Token 4: p (prob: 0.5843)
Token 5: p (prob: 0.6367)
True: learnable, Predicted: læp
True: drawn, Predicted: dræn
True: skill, Predicted: skæl

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.4574)
Token 1: n (prob: 0.8032)
Token 2: d (prob: 0.5167)
Token 3: æ (prob: 0.4416)
Token 4: æ (prob: 0.4396)
Token 5: æ (prob: 0.2959)
True: candidacy, Predicted: ændæ
True: sleek, Predicted: sæk
True: monument, Predicted: mæn

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.4097)
Token 1: æ (prob: 0.6660)
Token 2: r (prob: 0.3526)
Token 3: <blank> (prob: 0.2033)
Token 4: <blank> (prob: 0.2256)
Token 5: s (prob: 0.3024)
True: selfish, Predicted: ærs
True: accessiblility, Predicted: skæp
True: abutment, Predicted: pæn

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.6077)
Token 1: æ (prob: 0.5724)
Token 2: v (prob: 0.4694)
Token 3: v (prob: 0.3504)
Token 4: æ (prob: 0.3750)
Token 5: s (prob: 0.2055)
True: conjure, Predicted: kævæs
True: aperient, Predicted: əprært
True: prostrate, Predicted: ræræ

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.5120)
Token 1: æ (prob: 0.4273)
Token 2: r (prob: 0.2113)
Token 3: t (prob: 0.3732)
Token 4: æ (prob: 0.2062)
Token 5: (prob: 0.2469)
True: purification, Predicted: bærtæ
True: causation, Predicted: kæs
True: permeate, Predicted: præ

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.6242)
Token 1: æ (prob: 0.4667)
Token 2: æ (prob: 0.7608)
Token 3: <blank> (prob: 0.2701)

Token 4: <blank> (prob: 0.2195)
Token 5: k (prob: 0.3024)
True: pinnacle, Predicted: pæk
True: reprobate, Predicted: prbæb
True: fumigate, Predicted: frægk

Raw prediction sequence (first 10 tokens):

Token 0: d (prob: 0.7554)
Token 1: (prob: 0.3989)
Token 2: æ (prob: 0.2368)
Token 3: æ (prob: 0.2289)
Token 4: (prob: 0.2387)
Token 5: n (prob: 0.2545)
True: denizen, Predicted: d æ n
True: harshness, Predicted: hæ
True: all, Predicted: æ

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.3786)
Token 1: æ (prob: 0.3895)
Token 2: m (prob: 0.3621)
Token 3: æ (prob: 0.2836)
Token 4: æ (prob: 0.2776)
Token 5: t (prob: 0.4083)
True: promenade, Predicted: sæmæt
True: pew, Predicted: pæ
True: conjugation, Predicted: fæk

Raw prediction sequence (first 10 tokens):

Token 0: d (prob: 0.9610)
Token 1: æ (prob: 0.5094)
Token 2: æ (prob: 0.3784)
Token 3: æ (prob: 0.4407)
Token 4: <blank> (prob: 0.4844)
Token 5: t (prob: 0.3597)
True: deceit, Predicted: dæt
True: haggard, Predicted: skært
True: hoist, Predicted: æ t

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.3846)
Token 1: p (prob: 0.4781)
Token 2: r (prob: 0.6664)
Token 3: æ (prob: 0.2816)
Token 4: ə (prob: 0.4405)
Token 5: m (prob: 0.4217)
True: hypnotism, Predicted: spræm
True: depopulation, Predicted: d bæt

True: disinfect, Predicted: d sæ t

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.3835)

Token 1: æ (prob: 0.4247)

Token 2: t (prob: 0.2858)

Token 3: æ (prob: 0.1794)

Token 4: ə (prob: 0.3231)

Token 5: r (prob: 0.2982)

True: athlete, Predicted: sætæər

True: chattel, Predicted: tætəl

True: gear, Predicted: gær

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.9295)

Token 1: æ (prob: 0.4803)

Token 2: l (prob: 0.5143)

Token 3: l (prob: 0.3212)

Token 4: <blank> (prob: 0.1622)

Token 5: m (prob: 0.5019)

True: column, Predicted: kælm

True: deference, Predicted: d fæ

True: truncal, Predicted: æŋkəl

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.8052)

Token 1: l (prob: 0.9466)

Token 2: æ (prob: 0.8230)

Token 3: æ (prob: 0.8202)

Token 4: (prob: 0.5557)

Token 5: t (prob: 0.1767)

True: plain, Predicted: plæt

True: measurable, Predicted: ræb

True: pancreatic, Predicted: pægæə

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.8667)

Token 1: æ (prob: 0.4019)

Token 2: l (prob: 0.5914)

Token 3: l (prob: 0.5504)

Token 4: <blank> (prob: 0.2836)

Token 5: s (prob: 0.1846)

True: bellow, Predicted: bæls

True: derive, Predicted: dræt

True: joyfulness, Predicted: dæt

Raw prediction sequence (first 10 tokens):

Token 0: n (prob: 0.5395)

Token 1: æ (prob: 0.6975)
Token 2: <blank> (prob: 0.3978)
Token 3: <blank> (prob: 0.5444)
Token 4: <blank> (prob: 0.4371)
Token 5: l (prob: 0.4378)
True: nor, Predicted: næl
True: compulsorily, Predicted: kæræs
True: vixen, Predicted: væs

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.9587)
Token 1: r (prob: 0.6464)
Token 2: æ (prob: 0.5868)
Token 3: f (prob: 0.3683)
Token 4: æ (prob: 0.3463)
Token 5: æ (prob: 0.1903)
True: pervert, Predicted: præfæ
True: shrive, Predicted: ræv
True: location, Predicted: læk

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.3903)
Token 1: æ (prob: 0.4451)
Token 2: k (prob: 0.2996)
Token 3: æ (prob: 0.1614)
Token 4: ə (prob: 0.2023)
Token 5: æ (prob: 0.2354)
True: inconsistency, Predicted: ækæææ
True: mite, Predicted: mæt
True: somber, Predicted: tæmbæl

Epoch 7/10, Train Loss: 0.6322, Val Loss: 0.6879
Epoch 8/10, Batch 1/335, Loss: 0.5662, Time: 0.16s
Epoch 8/10, Batch 11/335, Loss: 0.4449, Time: 0.18s
Epoch 8/10, Batch 21/335, Loss: 0.7344, Time: 0.17s
Epoch 8/10, Batch 31/335, Loss: 0.5469, Time: 0.17s
Epoch 8/10, Batch 41/335, Loss: 0.6561, Time: 0.17s
Epoch 8/10, Batch 51/335, Loss: 0.7738, Time: 0.17s
Epoch 8/10, Batch 61/335, Loss: 0.9946, Time: 0.17s
Epoch 8/10, Batch 71/335, Loss: 0.4097, Time: 0.17s
Epoch 8/10, Batch 81/335, Loss: 0.5535, Time: 0.17s
Epoch 8/10, Batch 91/335, Loss: 0.4822, Time: 0.17s
Epoch 8/10, Batch 101/335, Loss: 0.9315, Time: 0.18s
Epoch 8/10, Batch 111/335, Loss: 0.3057, Time: 0.16s
Epoch 8/10, Batch 121/335, Loss: 0.5263, Time: 0.17s
Epoch 8/10, Batch 131/335, Loss: 0.8192, Time: 0.19s
Epoch 8/10, Batch 141/335, Loss: 0.6967, Time: 0.34s
Epoch 8/10, Batch 151/335, Loss: 0.8401, Time: 0.16s
Epoch 8/10, Batch 161/335, Loss: 0.8598, Time: 0.18s

Epoch 8/10, Batch 171/335, Loss: 0.8525, Time: 0.17s
Epoch 8/10, Batch 181/335, Loss: 0.6441, Time: 0.17s
Epoch 8/10, Batch 191/335, Loss: 0.6029, Time: 0.17s
Epoch 8/10, Batch 201/335, Loss: 0.8882, Time: 0.17s
Epoch 8/10, Batch 211/335, Loss: 0.5821, Time: 0.17s
Epoch 8/10, Batch 221/335, Loss: 0.4236, Time: 0.18s
Epoch 8/10, Batch 231/335, Loss: 0.5341, Time: 0.17s
Epoch 8/10, Batch 241/335, Loss: 0.3752, Time: 0.17s
Epoch 8/10, Batch 251/335, Loss: 0.8326, Time: 0.17s
Epoch 8/10, Batch 261/335, Loss: 0.4455, Time: 0.18s
Epoch 8/10, Batch 271/335, Loss: 0.6556, Time: 0.18s
Epoch 8/10, Batch 281/335, Loss: 0.4108, Time: 0.17s
Epoch 8/10, Batch 291/335, Loss: 0.6379, Time: 0.17s
Epoch 8/10, Batch 301/335, Loss: 0.4382, Time: 0.17s
Epoch 8/10, Batch 311/335, Loss: 0.7112, Time: 0.17s
Epoch 8/10, Batch 321/335, Loss: 0.6660, Time: 0.17s
Epoch 8/10, Batch 331/335, Loss: 0.5512, Time: 0.18s

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.6062)
Token 1: æ (prob: 0.7586)
Token 2: f (prob: 0.2970)
Token 3: æ (prob: 0.2649)
Token 4: æ (prob: 0.3516)
Token 5: n (prob: 0.1484)
True: conscious, Predicted: kæfæn
True: overthrow, Predicted: æ
True: cocoon, Predicted: kækæ

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.9840)
Token 1: r (prob: 0.7844)
Token 2: æ (prob: 0.5857)
Token 3: æ (prob: 0.4745)
Token 4: <blank> (prob: 0.4309)
Token 5: k (prob: 0.1557)
True: borough, Predicted: bræk
True: paltriness, Predicted: plæter
True: phlegm, Predicted: flæm

Raw prediction sequence (first 10 tokens):

Token 0: (prob: 0.4761)
Token 1: (prob: 0.7501)
Token 2: æ (prob: 0.8239)
Token 3: æ (prob: 0.3111)
Token 4: l (prob: 0.6230)
Token 5: l (prob: 0.7465)
True: child, Predicted: æl

True: apostolic, Predicted: əpæəl
True: cracked, Predicted: græk

Raw prediction sequence (first 10 tokens):

Token 0: m (prob: 0.7249)
Token 1: æ (prob: 0.4636)
Token 2: æ (prob: 0.3197)
Token 3: <blank> (prob: 0.2680)
Token 4: æ (prob: 0.2597)
Token 5: r (prob: 0.1873)
True: mealiness, Predicted: mæɹ
True: inviolate, Predicted: fælæ
True: downhill, Predicted: dæəl

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.3749)
Token 1: æ (prob: 0.4135)
Token 2: g (prob: 0.7349)
Token 3: g (prob: 0.4081)
Token 4: <blank> (prob: 0.4461)
Token 5: <blank> (prob: 0.3276)
True: organ, Predicted: æg
True: sometimes, Predicted: stæm
True: signable, Predicted: sæbp

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.3010)
Token 1: d (prob: 0.2907)
Token 2: (prob: 0.2923)
Token 3: æ (prob: 0.4127)
Token 4: æ (prob: 0.3377)
Token 5: t (prob: 0.3453)
True: ingenious, Predicted: ædæt
True: egress, Predicted: gæs
True: pansy, Predicted: pækæ

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.8228)
Token 1: æ (prob: 0.5168)
Token 2: æ (prob: 0.3696)
Token 3: s (prob: 0.3109)
Token 4: ə (prob: 0.3202)
Token 5: r (prob: 0.3160)
True: benefactress, Predicted: bæsər
True: uniformity, Predicted: ævəd
True: angelical, Predicted: ræpæt

Raw prediction sequence (first 10 tokens):

Token 0: l (prob: 0.5510)
Token 1: æ (prob: 0.6385)
Token 2: m (prob: 0.6352)
Token 3: b (prob: 0.4999)
Token 4: ə (prob: 0.7511)
Token 5: l (prob: 0.5498)
True: lambrequin, Predicted: læmbəl
True: pistol, Predicted: bæən
True: cry, Predicted: glæk

Raw prediction sequence (first 10 tokens):

Token 0: v (prob: 0.9533)
Token 1: æ (prob: 0.6861)
Token 2: æ (prob: 0.1777)
Token 3: g (prob: 0.3660)
Token 4: g (prob: 0.3453)
Token 5: æ (prob: 0.3276)
True: variegate, Predicted: vægæ
True: abstracted, Predicted: əbæt
True: intimate, Predicted: dæs

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.6532)
Token 1: æ (prob: 0.6012)
Token 2: s (prob: 0.2278)
Token 3: (prob: 0.1755)
Token 4: æ (prob: 0.3522)
Token 5: æ (prob: 0.2443)
True: conscientious, Predicted: kæs æ
True: cactus, Predicted: kækər
True: leash, Predicted: læt

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.4796)
Token 1: t (prob: 0.5650)
Token 2: r (prob: 0.3259)
Token 3: (prob: 0.2865)
Token 4: v (prob: 0.4484)
Token 5: v (prob: 0.7000)
True: turf, Predicted: str v
True: assumable, Predicted: sæmbəb
True: consist, Predicted: kæs

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.3831)
Token 1: æ (prob: 0.5544)
Token 2: æ (prob: 0.3967)
Token 3: æ (prob: 0.3232)

Token 4: ə (prob: 0.5766)
Token 5: l (prob: 0.7467)
True: squirrel, Predicted: kəəl
True: unwary, Predicted: ær
True: inquire, Predicted: kə

Raw prediction sequence (first 10 tokens):

Token 0: m (prob: 0.6358)
Token 1: æ (prob: 0.6252)
Token 2: d (prob: 0.3694)
Token 3: d (prob: 0.6187)
Token 4: ə (prob: 0.5757)
Token 5: l (prob: 0.4758)
True: middle, Predicted: mædəl
True: eye, Predicted: hæ
True: bloodless, Predicted: bældəm

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.7784)
Token 1: æ (prob: 0.6324)
Token 2: æ (prob: 0.4638)
Token 3: s (prob: 0.1918)
Token 4: ə (prob: 0.2208)
Token 5: (prob: 0.2977)
True: patricide, Predicted: pæse
True: renovate, Predicted: læv
True: rap, Predicted: ræp

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.3327)
Token 1: æ (prob: 0.5520)
Token 2: æ (prob: 0.2051)
Token 3: b (prob: 0.5177)
Token 4: (prob: 0.2745)
Token 5: (prob: 0.3559)
True: garbage, Predicted: kəb
True: inception, Predicted: əæpp
True: profession, Predicted: prfæf

Raw prediction sequence (first 10 tokens):

Token 0: v (prob: 0.6982)
Token 1: æ (prob: 0.6873)
Token 2: æ (prob: 0.2630)
Token 3: æ (prob: 0.1937)
Token 4: ə (prob: 0.3855)
Token 5: r (prob: 0.2261)
True: voucher, Predicted: væər
True: bunchiness, Predicted: bæt

True: vindictive, Predicted: fænt t

Raw prediction sequence (first 10 tokens):

Token 0: f (prob: 0.9887)

Token 1: l (prob: 0.7711)

Token 2: æ (prob: 0.5885)

Token 3: æ (prob: 0.6112)

Token 4: æ (prob: 0.2632)

Token 5: t (prob: 0.3363)

True: flatter, Predicted: flæt

True: transfusion, Predicted: æfæt

True: whereby, Predicted: sæbæb

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.2719)

Token 1: æ (prob: 0.5808)

Token 2: d (prob: 0.4785)

Token 3: d (prob: 0.4026)

Token 4: ə (prob: 0.3695)

Token 5: l (prob: 0.3856)

True: twaddle, Predicted: ædæl

True: like, Predicted: læ

True: elusive, Predicted: æv

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.7139)

Token 1: l (prob: 0.8443)

Token 2: æ (prob: 0.5822)

Token 3: s (prob: 0.2594)

Token 4: s (prob: 0.2202)

Token 5: t (prob: 0.4308)

True: scholastic, Predicted: klæst

True: abstract, Predicted: əbəs

True: sulphurize, Predicted: hlæfææ

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.3742)

Token 1: æ (prob: 0.7085)

Token 2: æ (prob: 0.6160)

Token 3: m (prob: 0.4560)

Token 4: m (prob: 0.3221)

Token 5: n (prob: 0.2313)

True: inharmonious, Predicted: sæmn

True: torrid, Predicted: æd

True: signification, Predicted: gæf

Raw prediction sequence (first 10 tokens):

Token 0: m (prob: 0.4196)

Token 1: æ (prob: 0.6184)
Token 2: æ (prob: 0.5371)
Token 3: æ (prob: 0.3957)
Token 4: <blank> (prob: 0.3710)
Token 5: r (prob: 0.3716)
True: know, Predicted: mæ r
True: breeze, Predicted: bræk
True: surveillance, Predicted: sævæ l

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.6574)
Token 1: æ (prob: 0.6735)
Token 2: æ (prob: 0.4837)
Token 3: d (prob: 0.7144)
Token 4: d (prob: 0.7804)
Token 5: d (prob: 0.7757)
True: condition, Predicted: kæ d
True: republish, Predicted: wæ b
True: freckle, Predicted: fræ mæ l

Raw prediction sequence (first 10 tokens):

Token 0: t (prob: 0.4141)
Token 1: æ (prob: 0.5188)
Token 2: æ (prob: 0.5964)
Token 3: æ (prob: 0.5889)
Token 4: ə (prob: 0.3388)
Token 5: l (prob: 0.5606)
True: tassel, Predicted: tæ ə l
True: kite, Predicted: kæt
True: grievance, Predicted: gæv ə v

Raw prediction sequence (first 10 tokens):

Token 0: h (prob: 0.4250)
Token 1: æ (prob: 0.7678)
Token 2: æ (prob: 0.3975)
Token 3: <blank> (prob: 0.7332)
Token 4: <blank> (prob: 0.7415)
Token 5: n (prob: 0.3001)
True: yarm, Predicted: hæn
True: bake, Predicted: bæ
True: drill, Predicted: dræ l

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.3742)
Token 1: (prob: 0.3100)
Token 2: æ (prob: 0.8272)
Token 3: æ (prob: 0.3267)
Token 4: ə (prob: 0.3650)

Token 5: l (prob: 0.8110)
True: penal, Predicted: p æl
True: purchasable, Predicted: ærbəb
True: miraculous, Predicted: mæɹæt

Raw prediction sequence (first 10 tokens):

Token 0: m (prob: 0.3804)
Token 1: æ (prob: 0.6491)
Token 2: æ (prob: 0.5193)
Token 3: b (prob: 0.6478)
Token 4: b (prob: 0.6039)
Token 5: b (prob: 0.6024)
True: immeasure, Predicted: mæb
True: peasant, Predicted: pæ r
True: shuffling, Predicted: væləl

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.8962)
Token 1: r (prob: 0.7152)
Token 2: r (prob: 0.3881)
Token 3: n (prob: 0.2060)
Token 4: d (prob: 0.7518)
Token 5: d (prob: 0.9170)
True: breadth, Predicted: brnd
True: abrogate, Predicted: əpæk
True: obstacle, Predicted: spær

Raw prediction sequence (first 10 tokens):

Token 0: f (prob: 0.8548)
Token 1: æ (prob: 0.7250)
Token 2: æ (prob: 0.4520)
Token 3: ŋ (prob: 0.7857)
Token 4: ŋ (prob: 0.5682)
Token 5: k (prob: 0.3423)
True: function, Predicted: fæŋk
True: piecemeal, Predicted: pæəl
True: beguile, Predicted: bækæ

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.3309)
Token 1: æ (prob: 0.6926)
Token 2: æ (prob: 0.3501)
Token 3: æ (prob: 0.3512)
Token 4: ə (prob: 0.2507)
Token 5: r (prob: 0.3104)
True: rhinestone, Predicted: sæər
True: conscionable, Predicted: kæbəb
True: selfconfidence, Predicted: pækæ

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.4055)
Token 1: æ (prob: 0.5202)
Token 2: r (prob: 0.4339)
Token 3: v (prob: 0.2371)
Token 4: d (prob: 0.2765)
Token 5: (prob: 0.5201)
True: refrigeration, Predicted: pærvd
True: catechetic, Predicted: kætæ
True: agglomerate, Predicted: klæm

Raw prediction sequence (first 10 tokens):

Token 0: h (prob: 0.3588)
Token 1: æ (prob: 0.6816)
Token 2: æ (prob: 0.4484)
Token 3: <blank> (prob: 0.4421)
Token 4: p (prob: 0.6372)
Token 5: p (prob: 0.8674)
True: hasp, Predicted: hæp
True: condescend, Predicted: kændæ
True: indignant, Predicted: ææt

Raw prediction sequence (first 10 tokens):

Token 0: d (prob: 0.9779)
Token 1: r (prob: 0.4141)
Token 2: æ (prob: 0.4255)
Token 3: m (prob: 0.4762)
Token 4: m (prob: 0.3954)
Token 5: m (prob: 0.3685)
True: drunk, Predicted: dræm
True: lace, Predicted: læs
True: elocution, Predicted: ælæm

Raw prediction sequence (first 10 tokens):

Token 0: v (prob: 0.8360)
Token 1: æ (prob: 0.7353)
Token 2: (prob: 0.3612)
Token 3: (prob: 0.2697)
Token 4: (prob: 0.2257)
Token 5: r (prob: 0.3008)
True: valise, Predicted: vær
True: pine, Predicted: pæn
True: imprudent, Predicted: mpæ

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.4570)
Token 1: r (prob: 0.7990)

Token 2: æ (prob: 0.6996)
Token 3: æ (prob: 0.5082)
Token 4: (prob: 0.4166)
Token 5: n (prob: 0.5469)
True: sprain, Predicted: præ n
True: honk, Predicted: hæŋ
True: straightforward, Predicted: snæ d

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.4830)
Token 1: r (prob: 0.3877)
Token 2: æ (prob: 0.7201)
Token 3: (prob: 0.4672)
Token 4: f (prob: 0.3560)
Token 5: f (prob: 0.6223)
True: traffic, Predicted: sræ f
True: science, Predicted: sæ ns
True: cog, Predicted: kæg

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.3711)
Token 1: p (prob: 0.4523)
Token 2: æ (prob: 0.3770)
Token 3: æ (prob: 0.3856)
Token 4: s (prob: 0.2891)
Token 5: s (prob: 0.3328)
True: abashed, Predicted: bpæs
True: eczema, Predicted: s kæ
True: subdued, Predicted: dæd

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.7109)
Token 1: p (prob: 0.4912)
Token 2: p (prob: 0.7072)
Token 3: æ (prob: 0.5881)
Token 4: ə (prob: 0.3423)
Token 5: r (prob: 0.4625)
True: spur, Predicted: spæər
True: onward, Predicted: smæd
True: clink, Predicted: klæŋ

Raw prediction sequence (first 10 tokens):

Token 0: (prob: 0.3679)
Token 1: f (prob: 0.5844)
Token 2: f (prob: 0.8640)
Token 3: æ (prob: 0.5512)
Token 4: r (prob: 0.2527)
Token 5: r (prob: 0.2745)

True: infer, Predicted: fær
True: doubtful, Predicted: dæf
True: abstain, Predicted: bræd

Raw prediction sequence (first 10 tokens):

Token 0: d (prob: 0.4137)
Token 1: d (prob: 0.5097)
Token 2: æ (prob: 0.6044)
Token 3: æ (prob: 0.5261)
Token 4: ə (prob: 0.2385)
Token 5: r (prob: 0.3728)
True: odor, Predicted: dæər
True: dismissal, Predicted: tæəl
True: doggerel, Predicted: dæræəl

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.4799)
Token 1: æ (prob: 0.5210)
Token 2: k (prob: 0.4272)
Token 3: k (prob: 0.6829)
Token 4: ə (prob: 0.3378)
Token 5: s (prob: 0.2698)
True: axis, Predicted: ækəs
True: pastorate, Predicted: pætər
True: territory, Predicted: tæt

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.6237)
Token 1: æ (prob: 0.6674)
Token 2: æ (prob: 0.4489)
Token 3: æ (prob: 0.2752)
Token 4: t (prob: 0.2187)
Token 5: t (prob: 0.4296)
True: pot, Predicted: bæt
True: jacosely, Predicted: dækæ
True: superlative, Predicted: pæt

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.3538)
Token 1: æ (prob: 0.5246)
Token 2: æ (prob: 0.3392)
Token 3: æ (prob: 0.2465)
Token 4: æ (prob: 0.3329)
Token 5: æ (prob: 0.2322)
True: statistics, Predicted: sæ
True: elemental, Predicted: æləəl
True: attainment, Predicted: æəm

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.2381)
Token 1: æ (prob: 0.5922)
Token 2: æ (prob: 0.4842)
Token 3: b (prob: 0.5741)
Token 4: e (prob: 0.3528)
Token 5: b (prob: 0.1704)
True: attentive, Predicted: æbæb
True: indigestion, Predicted: ææd
True: vincible, Predicted: ræb

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.4433)
Token 1: (prob: 0.3659)
Token 2: æ (prob: 0.7281)
Token 3: æ (prob: 0.2066)
Token 4: <blank> (prob: 0.2957)
Token 5: k (prob: 0.2612)
True: bog, Predicted: b æk
True: mellowness, Predicted: kælæ
True: armada, Predicted: knæd

Raw prediction sequence (first 10 tokens):

Token 0: d (prob: 0.9470)
Token 1: d (prob: 0.5959)
Token 2: æ (prob: 0.7519)
Token 3: æ (prob: 0.5364)
Token 4: e (prob: 0.2564)
Token 5: m (prob: 0.3904)
True: auditorium, Predicted: dææm
True: inaction, Predicted: kæ e
True: radiant, Predicted: sædæd

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.5675)
Token 1: æ (prob: 0.4971)
Token 2: æ (prob: 0.4906)
Token 3: æ (prob: 0.3749)
Token 4: e (prob: 0.4167)
Token 5: r (prob: 0.6894)
True: chauffeur, Predicted: sæær
True: astigmatism, Predicted: hægræ
True: lubrication, Predicted: ræbæ s

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.4298)
Token 1: æ (prob: 0.5299)
Token 2: r (prob: 0.3989)

Token 3: æ (prob: 0.3237)
Token 4: d (prob: 0.2504)
Token 5: d (prob: 0.3788)
True: centre, Predicted: særæd
True: trite, Predicted: træ t
True: ford, Predicted: fæd

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.8036)
Token 1: æ (prob: 0.6885)
Token 2: æ (prob: 0.4311)
Token 3: æ (prob: 0.4253)
Token 4: e (prob: 0.2740)
Token 5: d (prob: 0.4309)
True: constituent, Predicted: kæd
True: contemplation, Predicted: ændæs
True: consent, Predicted: kwænd

Raw prediction sequence (first 10 tokens):

Token 0: h (prob: 0.7224)
Token 1: æ (prob: 0.7288)
Token 2: æ (prob: 0.3094)
Token 3: <blank> (prob: 0.2172)
Token 4: e (prob: 0.4552)
Token 5: l (prob: 0.8948)
True: arsenal, Predicted: hæel
True: generate, Predicted: d æ
True: perspective, Predicted: pæ

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.2979)
Token 1: æ (prob: 0.5508)
Token 2: æ (prob: 0.1813)
Token 3: æ (prob: 0.3060)
Token 4: ŋ (prob: 0.3119)
Token 5: k (prob: 0.4727)
True: constrict, Predicted: æŋk
True: element, Predicted: læm
True: wretchedness, Predicted: ræd

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.8495)
Token 1: æ (prob: 0.4721)
Token 2: æ (prob: 0.4993)
Token 3: æ (prob: 0.4887)
Token 4: d (prob: 0.4322)
Token 5: d (prob: 0.8037)
True: concede, Predicted: kæd

True: orchard, Predicted: pæd
True: obituary, Predicted: æbæt

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.7416)
Token 1: k (prob: 0.2943)
Token 2: r (prob: 0.4744)
Token 3: æ (prob: 0.4504)
Token 4: b (prob: 0.4243)
Token 5: b (prob: 0.5839)
True: scribble, Predicted: skræb
True: cynosure, Predicted: sæn t
True: lever, Predicted: ræven

Raw prediction sequence (first 10 tokens):

Token 0: f (prob: 0.4066)
Token 1: æ (prob: 0.7108)
Token 2: æ (prob: 0.5877)
Token 3: <blank> (prob: 0.3526)
Token 4: <blank> (prob: 0.3216)
Token 5: b (prob: 0.4021)
True: foible, Predicted: fæb
True: chemist, Predicted: kæmnæ
True: packt, Predicted: pæn

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.6998)
Token 1: æ (prob: 0.5806)
Token 2: p (prob: 0.7058)
Token 3: p (prob: 0.6378)
Token 4: e (prob: 0.4386)
Token 5: r (prob: 0.4586)
True: cypress, Predicted: sæper
True: alertness, Predicted: sælet
True: predict, Predicted: pæd

Raw prediction sequence (first 10 tokens):

Token 0: h (prob: 0.6369)
Token 1: æ (prob: 0.3976)
Token 2: s (prob: 0.4491)
Token 3: s (prob: 0.4144)
Token 4: æ (prob: 0.3734)
Token 5: æ (prob: 0.2532)
True: histology, Predicted: hæsa
True: ivy, Predicted: sæ v
True: ready, Predicted: ædæ

Raw prediction sequence (first 10 tokens):

Token 0: l (prob: 0.4472)
Token 1: æ (prob: 0.5600)
Token 2: m (prob: 0.7312)
Token 3: b (prob: 0.6755)
Token 4: ə (prob: 0.6176)
Token 5: l (prob: 0.5348)
True: learnable, Predicted: læmbəl
True: drawn, Predicted: dræməm
True: skill, Predicted: skl

Raw prediction sequence (first 10 tokens):

Token 0: (prob: 0.4092)
Token 1: n (prob: 0.7661)
Token 2: d (prob: 0.5131)
Token 3: æ (prob: 0.4792)
Token 4: æ (prob: 0.4056)
Token 5: s (prob: 0.3066)
True: candidacy, Predicted: ndæs
True: sleek, Predicted: slæk
True: monument, Predicted: mæn

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.4267)
Token 1: æ (prob: 0.6504)
Token 2: r (prob: 0.4050)
Token 3: r (prob: 0.1910)
Token 4: ə (prob: 0.3785)
Token 5: (prob: 0.2107)
True: selfish, Predicted: ærə
True: accessibility, Predicted: skæp
True: abutment, Predicted: əpæn

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.9074)
Token 1: æ (prob: 0.7030)
Token 2: v (prob: 0.4505)
Token 3: v (prob: 0.3522)
Token 4: æ (prob: 0.2886)
Token 5: s (prob: 0.1710)
True: conjure, Predicted: kævəs
True: aperiënt, Predicted: əpærd
True: prostrate, Predicted: plæ

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.6175)
Token 1: æ (prob: 0.5132)
Token 2: æ (prob: 0.4537)
Token 3: v (prob: 0.3398)

Token 4: (prob: 0.2213)
Token 5: v (prob: 0.4129)
True: purification, Predicted: bæv v
True: causation, Predicted: kæ
True: permeate, Predicted: pæmæ

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.4589)
Token 1: p (prob: 0.4819)
Token 2: æ (prob: 0.8232)
Token 3: æ (prob: 0.3711)
Token 4: k (prob: 0.3268)
Token 5: k (prob: 0.3983)
True: pinnacle, Predicted: spæk
True: reprobate, Predicted: pærbøb
True: fumigate, Predicted: fæg

Raw prediction sequence (first 10 tokens):

Token 0: d (prob: 0.7313)
Token 1: æ (prob: 0.5207)
Token 2: æ (prob: 0.2871)
Token 3: æ (prob: 0.2864)
Token 4: ə (prob: 0.2934)
Token 5: n (prob: 0.3305)
True: denizen, Predicted: dæn
True: harshness, Predicted: hær
True: all, Predicted: hæ

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.4030)
Token 1: æ (prob: 0.3694)
Token 2: m (prob: 0.2858)
Token 3: æ (prob: 0.2950)
Token 4: æ (prob: 0.3076)
Token 5: t (prob: 0.3922)
True: promenade, Predicted: sæmæt
True: pew, Predicted: tpæ
True: conjugation, Predicted: kægk

Raw prediction sequence (first 10 tokens):

Token 0: d (prob: 0.9567)
Token 1: æ (prob: 0.6934)
Token 2: æ (prob: 0.5000)
Token 3: æ (prob: 0.3925)
Token 4: <blank> (prob: 0.3535)
Token 5: t (prob: 0.3089)
True: deceit, Predicted: dæt
True: haggard, Predicted: skæd

True: hoist, Predicted: ræer

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.7774)

Token 1: p (prob: 0.8338)

Token 2: æ (prob: 0.3844)

Token 3: æ (prob: 0.4190)

Token 4: e (prob: 0.2716)

Token 5: m (prob: 0.3514)

True: hypnotism, Predicted: spæm

True: depopulation, Predicted: tæp t

True: disinfect, Predicted: d æ f

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.3196)

Token 1: æ (prob: 0.3564)

Token 2: æ (prob: 0.2527)

Token 3: n (prob: 0.1943)

Token 4: e (prob: 0.2336)

Token 5: t (prob: 0.3372)

True: athlete, Predicted: ænæt

True: chattel, Predicted: ætæl

True: gear, Predicted: gær

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.8741)

Token 1: æ (prob: 0.6310)

Token 2: l (prob: 0.5806)

Token 3: l (prob: 0.3439)

Token 4: <blank> (prob: 0.2869)

Token 5: m (prob: 0.3663)

True: column, Predicted: kælm

True: deference, Predicted: d fæ

True: truncal, Predicted: ænær

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.7218)

Token 1: l (prob: 0.9534)

Token 2: æ (prob: 0.6349)

Token 3: æ (prob: 0.9138)

Token 4: æ (prob: 0.4580)

Token 5: æ (prob: 0.1490)

True: plain, Predicted: plæ

True: measurable, Predicted: mæp

True: pancreatic, Predicted: ægææ

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.7868)

Token 1: æ (prob: 0.4965)
Token 2: l (prob: 0.4228)
Token 3: l (prob: 0.6714)
Token 4: æ (prob: 0.2445)
Token 5: æ (prob: 0.1448)
True: bellow, Predicted: bæla
True: derive, Predicted: dræ
True: joyfulness, Predicted: dæt

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.6292)
Token 1: æ (prob: 0.5928)
Token 2: æ (prob: 0.4162)
Token 3: <blank> (prob: 0.5349)
Token 4: <blank> (prob: 0.3990)
Token 5: l (prob: 0.4445)
True: nor, Predicted: kæ
True: compulsorily, Predicted: æpræs
True: vixen, Predicted: ævær

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.9574)
Token 1: r (prob: 0.5581)
Token 2: æ (prob: 0.6355)
Token 3: f (prob: 0.4731)
Token 4: æ (prob: 0.3331)
Token 5: æ (prob: 0.1944)
True: pervert, Predicted: præfæ
True: shrive, Predicted: ræv
True: location, Predicted: lææk

Raw prediction sequence (first 10 tokens):

Token 0: g (prob: 0.3555)
Token 1: æ (prob: 0.6134)
Token 2: z (prob: 0.2123)
Token 3: s (prob: 0.2056)
Token 4: ə (prob: 0.3170)
Token 5: æ (prob: 0.2580)
True: inconsistency, Predicted: gæzseæ
True: mite, Predicted: mæt
True: somber, Predicted: sæmbær

Epoch 8/10, Train Loss: 0.6198, Val Loss: 0.6726
Epoch 9/10, Batch 1/335, Loss: 0.4406, Time: 0.18s
Epoch 9/10, Batch 11/335, Loss: 0.6242, Time: 0.18s
Epoch 9/10, Batch 21/335, Loss: 0.7688, Time: 0.18s
Epoch 9/10, Batch 31/335, Loss: 0.4174, Time: 0.19s
Epoch 9/10, Batch 41/335, Loss: 0.5704, Time: 0.21s
Epoch 9/10, Batch 51/335, Loss: 0.4953, Time: 0.27s

Epoch 9/10, Batch 61/335, Loss: 0.4389, Time: 0.18s
 Epoch 9/10, Batch 71/335, Loss: 0.5654, Time: 0.19s
 Epoch 9/10, Batch 81/335, Loss: 0.3382, Time: 0.18s
 Epoch 9/10, Batch 91/335, Loss: 0.3293, Time: 0.18s
 Epoch 9/10, Batch 101/335, Loss: 0.6362, Time: 0.17s
 Epoch 9/10, Batch 111/335, Loss: 0.5550, Time: 0.18s
 Epoch 9/10, Batch 121/335, Loss: 0.6066, Time: 0.17s
 Epoch 9/10, Batch 131/335, Loss: 0.6133, Time: 0.19s
 Epoch 9/10, Batch 141/335, Loss: 0.6079, Time: 0.18s
 Epoch 9/10, Batch 151/335, Loss: 0.2840, Time: 0.17s
 Epoch 9/10, Batch 161/335, Loss: 0.5235, Time: 0.18s
 Epoch 9/10, Batch 171/335, Loss: 0.6980, Time: 0.18s
 Epoch 9/10, Batch 181/335, Loss: 0.5438, Time: 0.18s
 Epoch 9/10, Batch 191/335, Loss: 0.7184, Time: 0.19s
 Epoch 9/10, Batch 201/335, Loss: 0.4669, Time: 0.19s
 Epoch 9/10, Batch 211/335, Loss: 0.7426, Time: 0.17s
 Epoch 9/10, Batch 221/335, Loss: 0.7335, Time: 0.18s
 Epoch 9/10, Batch 231/335, Loss: 0.6482, Time: 0.18s
 Epoch 9/10, Batch 241/335, Loss: 0.5573, Time: 0.18s
 Epoch 9/10, Batch 251/335, Loss: 0.4825, Time: 0.18s
 Epoch 9/10, Batch 261/335, Loss: 0.5378, Time: 0.18s
 Epoch 9/10, Batch 271/335, Loss: 0.6278, Time: 0.18s
 Epoch 9/10, Batch 281/335, Loss: 0.3328, Time: 0.18s
 Epoch 9/10, Batch 291/335, Loss: 0.5285, Time: 0.17s
 Epoch 9/10, Batch 301/335, Loss: 0.7154, Time: 0.19s
 Epoch 9/10, Batch 311/335, Loss: 0.3341, Time: 0.18s
 Epoch 9/10, Batch 321/335, Loss: 0.4293, Time: 0.18s
 Epoch 9/10, Batch 331/335, Loss: 0.7024, Time: 0.18s

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.7044)
 Token 1: æ (prob: 0.8276)
 Token 2: æ (prob: 0.4199)
 Token 3: æ (prob: 0.6010)
 Token 4: æ (prob: 0.5361)
 Token 5: n (prob: 0.1605)
 True: conscious, Predicted: kæn
 True: overthrow, Predicted: æsərə
 True: cocoon, Predicted: kækə

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.9770)
 Token 1: æ (prob: 0.4017)
 Token 2: æ (prob: 0.4445)
 Token 3: æ (prob: 0.2973)
 Token 4: <blank> (prob: 0.3376)
 Token 5: n (prob: 0.2033)
 True: borough, Predicted: bæn

True: paltriness, Predicted: pltæ
True: phlegm, Predicted: flæm

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.5256)
Token 1: (prob: 0.3229)
Token 2: æ (prob: 0.6926)
Token 3: l (prob: 0.3978)
Token 4: l (prob: 0.7273)
Token 5: l (prob: 0.7165)
True: child, Predicted: p æl
True: apostolic, Predicted: æpæ
True: cracked, Predicted: kræk

Raw prediction sequence (first 10 tokens):

Token 0: (prob: 0.3530)
Token 1: r (prob: 0.3421)
Token 2: r (prob: 0.3951)
Token 3: l (prob: 0.3654)
Token 4: æ (prob: 0.3186)
Token 5: r (prob: 0.2572)
True: mealiness, Predicted: rlær
True: inviolate, Predicted: vælæ
True: downhill, Predicted: dæl

Raw prediction sequence (first 10 tokens):

Token 0: g (prob: 0.8581)
Token 1: g (prob: 0.4930)
Token 2: æ (prob: 0.4676)
Token 3: æ (prob: 0.5123)
Token 4: æ (prob: 0.3426)
Token 5: <blank> (prob: 0.2761)
True: organ, Predicted: gæ
True: sometimes, Predicted: stæn
True: signable, Predicted: sæb

Raw prediction sequence (first 10 tokens):

Token 0: d (prob: 0.6127)
Token 1: (prob: 0.2858)
Token 2: n (prob: 0.4137)
Token 3: t (prob: 0.2714)
Token 4: æ (prob: 0.3093)
Token 5: t (prob: 0.3944)
True: ingenious, Predicted: d ntæt
True: egress, Predicted: gæt
True: pansy, Predicted: pænkæ

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.9399)
Token 1: æ (prob: 0.5047)
Token 2: s (prob: 0.2114)
Token 3: s (prob: 0.3149)
Token 4: ə (prob: 0.2788)
Token 5: r (prob: 0.3256)
True: benefactress, Predicted: bæsər
True: uniformity, Predicted: kævəd
True: angelical, Predicted: rævæt

Raw prediction sequence (first 10 tokens):

Token 0: r (prob: 0.3239)
Token 1: (prob: 0.3994)
Token 2: m (prob: 0.7508)
Token 3: b (prob: 0.5549)
Token 4: ə (prob: 0.5736)
Token 5: l (prob: 0.4725)
True: lambrequin, Predicted: rmbəl
True: pistol, Predicted: bætət
True: cry, Predicted: græt

Raw prediction sequence (first 10 tokens):

Token 0: v (prob: 0.8379)
Token 1: æ (prob: 0.6776)
Token 2: g (prob: 0.3253)
Token 3: g (prob: 0.8757)
Token 4: g (prob: 0.3220)
Token 5: æ (prob: 0.3440)
True: variegate, Predicted: vægæ
True: abstracted, Predicted: əbæn
True: intimate, Predicted: dæt

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.7685)
Token 1: æ (prob: 0.7071)
Token 2: æ (prob: 0.2455)
Token 3: (prob: 0.1993)
Token 4: ə (prob: 0.4282)
Token 5: æ (prob: 0.2120)
True: conscientious, Predicted: kæææ
True: cactus, Predicted: kækər
True: leash, Predicted: læt

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.4560)
Token 1: æ (prob: 0.3385)
Token 2: r (prob: 0.2702)
Token 3: v (prob: 0.4649)

Token 4: v (prob: 0.5791)
Token 5: v (prob: 0.7230)
True: turf, Predicted: særv
True: assumable, Predicted: sæb
True: consist, Predicted: æ

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.7195)
Token 1: æ (prob: 0.5774)
Token 2: æ (prob: 0.4015)
Token 3: t (prob: 0.3615)
Token 4: ə (prob: 0.6678)
Token 5: l (prob: 0.7821)
True: squirrel, Predicted: kætəl
True: unwary, Predicted: wær
True: inquire, Predicted: ækæs

Raw prediction sequence (first 10 tokens):

Token 0: m (prob: 0.3687)
Token 1: æ (prob: 0.6693)
Token 2: æ (prob: 0.3270)
Token 3: d (prob: 0.4140)
Token 4: ə (prob: 0.5401)
Token 5: l (prob: 0.2700)
True: middle, Predicted: mædəl
True: eye, Predicted: æ
True: bloodless, Predicted: bldəm

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.7147)
Token 1: æ (prob: 0.5466)
Token 2: æ (prob: 0.3665)
Token 3: s (prob: 0.1851)
Token 4: ə (prob: 0.2374)
Token 5: (prob: 0.2818)
True: patricide, Predicted: pæse
True: renovate, Predicted: lævæv
True: rap, Predicted: ræp

Raw prediction sequence (first 10 tokens):

Token 0: l (prob: 0.3303)
Token 1: æ (prob: 0.6524)
Token 2: v (prob: 0.1594)
Token 3: v (prob: 0.3123)
Token 4: (prob: 0.3160)
Token 5: (prob: 0.4103)
True: garbage, Predicted: læv
True: inception, Predicted: wæp p

True: profession, Predicted: præf

Raw prediction sequence (first 10 tokens):

Token 0: v (prob: 0.5661)

Token 1: æ (prob: 0.7897)

Token 2: æ (prob: 0.2330)

Token 3: t (prob: 0.2884)

Token 4: e (prob: 0.2666)

Token 5: (prob: 0.4085)

True: voucher, Predicted: vætø

True: bunchiness, Predicted: bærtø

True: vindictive, Predicted: æntøt

Raw prediction sequence (first 10 tokens):

Token 0: f (prob: 0.9897)

Token 1: l (prob: 0.9165)

Token 2: æ (prob: 0.5189)

Token 3: æ (prob: 0.7489)

Token 4: æ (prob: 0.2617)

Token 5: t (prob: 0.5477)

True: flatter, Predicted: flæt

True: transfusion, Predicted: kæfø

True: whereby, Predicted: rb

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.3720)

Token 1: æ (prob: 0.6410)

Token 2: d (prob: 0.4875)

Token 3: d (prob: 0.7060)

Token 4: e (prob: 0.4674)

Token 5: l (prob: 0.5850)

True: twaddle, Predicted: ædøl

True: like, Predicted: læ

True: elusive, Predicted: ælv

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.4992)

Token 1: l (prob: 0.6577)

Token 2: l (prob: 0.6195)

Token 3: æ (prob: 0.4168)

Token 4: e (prob: 0.3023)

Token 5: s (prob: 0.2604)

True: scholastic, Predicted: slææs

True: abstract, Predicted: ebæs

True: sulphurize, Predicted: slfæt

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.3838)

Token 1: æ (prob: 0.5944)
Token 2: æ (prob: 0.2465)
Token 3: m (prob: 0.6997)
Token 4: m (prob: 0.3102)
Token 5: s (prob: 0.2281)
True: inharmonious, Predicted: sæms
True: torrid, Predicted: sæd
True: signification, Predicted: gæf

Raw prediction sequence (first 10 tokens):

Token 0: n (prob: 0.4928)
Token 1: æ (prob: 0.7638)
Token 2: æ (prob: 0.5083)
Token 3: æ (prob: 0.4183)
Token 4: <blank> (prob: 0.2744)
Token 5: r (prob: 0.3593)
True: know, Predicted: nær
True: breeze, Predicted: bræ
True: surveillance, Predicted: ævæl

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.7964)
Token 1: æ (prob: 0.7670)
Token 2: æ (prob: 0.2761)
Token 3: d (prob: 0.8680)
Token 4: d (prob: 0.5443)
Token 5: d (prob: 0.2696)
True: condition, Predicted: kæd
True: republish, Predicted: wæb
True: freckle, Predicted: fræmæl

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.4480)
Token 1: p (prob: 0.5523)
Token 2: æ (prob: 0.4199)
Token 3: æ (prob: 0.5852)
Token 4: ə (prob: 0.3756)
Token 5: l (prob: 0.3962)
True: tassel, Predicted: spææl
True: kite, Predicted: kæt
True: grievance, Predicted: græv

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.5855)
Token 1: æ (prob: 0.6584)
Token 2: æ (prob: 0.3409)
Token 3: <blank> (prob: 0.5821)
Token 4: <blank> (prob: 0.5250)

Token 5: n (prob: 0.5621)
True: yarm, Predicted: æn
True: bake, Predicted: bæn
True: drill, Predicted: dæel

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.7948)
Token 1: æ (prob: 0.6247)
Token 2: æ (prob: 0.6024)
Token 3: <blank> (prob: 0.1935)
Token 4: l (prob: 0.5680)
Token 5: l (prob: 0.6006)
True: penal, Predicted: pæl
True: purchasable, Predicted: pærb
True: miraculous, Predicted: mæres

Raw prediction sequence (first 10 tokens):

Token 0: m (prob: 0.2883)
Token 1: æ (prob: 0.6050)
Token 2: æ (prob: 0.4523)
Token 3: b (prob: 0.8444)
Token 4: b (prob: 0.7213)
Token 5: b (prob: 0.6994)
True: immeasure, Predicted: mæb
True: peasant, Predicted: bæ t
True: shuffling, Predicted: vælæl

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.9557)
Token 1: r (prob: 0.8868)
Token 2: æ (prob: 0.3560)
Token 3: æ (prob: 0.1923)
Token 4: d (prob: 0.6544)
Token 5: d (prob: 0.9074)
True: breadth, Predicted: bræd
True: abrogate, Predicted: bæk
True: obstacle, Predicted: spæk

Raw prediction sequence (first 10 tokens):

Token 0: f (prob: 0.9795)
Token 1: æ (prob: 0.6686)
Token 2: <blank> (prob: 0.3603)
Token 3: ŋ (prob: 0.4767)
Token 4: ŋ (prob: 0.4926)
Token 5: k (prob: 0.3462)
True: function, Predicted: fæŋk
True: piecemeal, Predicted: bærtæl
True: beguile, Predicted: bækæ

Raw prediction sequence (first 10 tokens):

Token 0: r (prob: 0.5373)
Token 1: æ (prob: 0.6739)
Token 2: n (prob: 0.4032)
Token 3: t (prob: 0.4364)
Token 4: ə (prob: 0.4571)
Token 5: r (prob: 0.3902)
True: rhinestone, Predicted: ræntər
True: conscionable, Predicted: kæb
True: selfconfidence, Predicted: pælfæ

Raw prediction sequence (first 10 tokens):

Token 0: r (prob: 0.3464)
Token 1: æ (prob: 0.3595)
Token 2: v (prob: 0.2946)
Token 3: æ (prob: 0.3111)
Token 4: (prob: 0.1823)
Token 5: (prob: 0.2799)
True: refrigeration, Predicted: rævə
True: catechetic, Predicted: kæs
True: agglomerate, Predicted: gkær

Raw prediction sequence (first 10 tokens):

Token 0: h (prob: 0.3853)
Token 1: æ (prob: 0.5497)
Token 2: æ (prob: 0.3486)
Token 3: p (prob: 0.5212)
Token 4: p (prob: 0.7704)
Token 5: p (prob: 0.8315)
True: hasp, Predicted: hæp
True: condescend, Predicted: kndæ
True: indignant, Predicted: læt

Raw prediction sequence (first 10 tokens):

Token 0: d (prob: 0.9750)
Token 1: r (prob: 0.6482)
Token 2: r (prob: 0.5893)
Token 3: æ (prob: 0.3562)
Token 4: æ (prob: 0.1749)
Token 5: n (prob: 0.2835)
True: drunk, Predicted: dræn
True: lace, Predicted: læs
True: elocution, Predicted: læks

Raw prediction sequence (first 10 tokens):

Token 0: v (prob: 0.9299)
Token 1: æ (prob: 0.7718)

Token 2: (prob: 0.2473)
Token 3: <blank> (prob: 0.1867)
Token 4: ə (prob: 0.2583)
Token 5: l (prob: 0.3716)
True: valise, Predicted: væəl
True: pine, Predicted: pæn
True: imprudent, Predicted: mpæt

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.7209)
Token 1: r (prob: 0.6915)
Token 2: r (prob: 0.4589)
Token 3: (prob: 0.3575)
Token 4: (prob: 0.4787)
Token 5: n (prob: 0.5929)
True: sprain, Predicted: pr n
True: honk, Predicted: hæn
True: straightforward, Predicted: træfd

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.4399)
Token 1: r (prob: 0.5857)
Token 2: æ (prob: 0.6936)
Token 3: (prob: 0.3982)
Token 4: v (prob: 0.5707)
Token 5: v (prob: 0.6169)
True: traffic, Predicted: sræ v
True: science, Predicted: sæ nəs
True: cog, Predicted: kæk

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.3630)
Token 1: p (prob: 0.5185)
Token 2: æ (prob: 0.2321)
Token 3: s (prob: 0.2918)
Token 4: s (prob: 0.4013)
Token 5: s (prob: 0.3858)
True: abashed, Predicted: bpæs
True: eczema, Predicted: æskæ
True: subdued, Predicted: ædæd

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.4859)
Token 1: p (prob: 0.4851)
Token 2: p (prob: 0.4327)
Token 3: æ (prob: 0.3224)
Token 4: æ (prob: 0.2379)
Token 5: n (prob: 0.2689)

True: spur, Predicted: spæn
True: onward, Predicted: skæd
True: clink, Predicted: klæn

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.2424)
Token 1: æ (prob: 0.3806)
Token 2: f (prob: 0.8223)
Token 3: æ (prob: 0.6113)
Token 4: æ (prob: 0.3011)
Token 5: r (prob: 0.2947)
True: infer, Predicted: æfær
True: doubtful, Predicted: dæt
True: abstain, Predicted: bræt

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.5221)
Token 1: d (prob: 0.6213)
Token 2: d (prob: 0.6871)
Token 3: æ (prob: 0.3854)
Token 4: ə (prob: 0.3991)
Token 5: r (prob: 0.3305)
True: odor, Predicted: ædæær
True: dismissal, Predicted: dræær
True: doggerel, Predicted: dækner

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.4598)
Token 1: æ (prob: 0.7015)
Token 2: æ (prob: 0.2717)
Token 3: k (prob: 0.7429)
Token 4: ə (prob: 0.3301)
Token 5: s (prob: 0.2732)
True: axis, Predicted: ækəs
True: pastorate, Predicted: pæsæ
True: territory, Predicted: tæt

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.8339)
Token 1: æ (prob: 0.4810)
Token 2: æ (prob: 0.2775)
Token 3: t (prob: 0.6121)
Token 4: t (prob: 0.3511)
Token 5: t (prob: 0.5029)
True: pot, Predicted: bæt
True: jacosely, Predicted: dgææ
True: superlative, Predicted: slæt

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.4588)
Token 1: æ (prob: 0.2921)
Token 2: n (prob: 0.2084)
Token 3: æ (prob: 0.2072)
Token 4: (prob: 0.3635)
Token 5: t (prob: 0.3116)
True: statistics, Predicted: sænæt
True: elemental, Predicted: ælræl
True: attainment, Predicted: bæl

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.3551)
Token 1: æ (prob: 0.4336)
Token 2: b (prob: 0.3548)
Token 3: b (prob: 0.6655)
Token 4: e (prob: 0.3161)
Token 5: d (prob: 0.2176)
True: attentive, Predicted: æbød
True: indigestion, Predicted: rævæt
True: vincible, Predicted: vævæb

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.9549)
Token 1: æ (prob: 0.6840)
Token 2: æ (prob: 0.5357)
Token 3: æ (prob: 0.2786)
Token 4: <blank> (prob: 0.3044)
Token 5: k (prob: 0.4072)
True: bog, Predicted: bæk
True: mellowness, Predicted: mælæ
True: armada, Predicted: ænmæ d

Raw prediction sequence (first 10 tokens):

Token 0: d (prob: 0.6182)
Token 1: d (prob: 0.6542)
Token 2: æ (prob: 0.4957)
Token 3: æ (prob: 0.5061)
Token 4: æ (prob: 0.1857)
Token 5: n (prob: 0.2666)
True: auditorium, Predicted: dæn
True: inaction, Predicted: kæ e
True: radiant, Predicted: sædød

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.6095)
Token 1: æ (prob: 0.3160)
Token 2: æ (prob: 0.2885)

Token 3: æ (prob: 0.2718)
Token 4: ə (prob: 0.4071)
Token 5: r (prob: 0.4945)
True: chauffeur, Predicted: sær
True: astigmatism, Predicted: sægrs
True: lubrication, Predicted: rmbr s

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.4848)
Token 1: æ (prob: 0.5098)
Token 2: r (prob: 0.3482)
Token 3: æ (prob: 0.4919)
Token 4: d (prob: 0.3304)
Token 5: d (prob: 0.5543)
True: centrode, Predicted: særæd
True: trite, Predicted: træt
True: ford, Predicted: fæd

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.5819)
Token 1: æ (prob: 0.4376)
Token 2: n (prob: 0.3343)
Token 3: æ (prob: 0.2849)
Token 4: n (prob: 0.5676)
Token 5: t (prob: 0.3802)
True: constituent, Predicted: kænænt
True: contemplation, Predicted: kndæs
True: consent, Predicted: kwænt

Raw prediction sequence (first 10 tokens):

Token 0: h (prob: 0.6206)
Token 1: æ (prob: 0.7453)
Token 2: æ (prob: 0.2368)
Token 3: <blank> (prob: 0.2399)
Token 4: ə (prob: 0.4107)
Token 5: l (prob: 0.8346)
True: arsenal, Predicted: hæł
True: generate, Predicted: d æ
True: perspective, Predicted: pæpæ

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.2420)
Token 1: n (prob: 0.3983)
Token 2: f (prob: 0.1784)
Token 3: æ (prob: 0.3595)
Token 4: k (prob: 0.2925)
Token 5: k (prob: 0.5152)
True: constrict, Predicted: ænfæk

True: element, Predicted: slæm
True: wretchedness, Predicted: rædæt

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.8195)
Token 1: w (prob: 0.5085)
Token 2: æ (prob: 0.3686)
Token 3: æ (prob: 0.4086)
Token 4: d (prob: 0.3701)
Token 5: d (prob: 0.7536)
True: concede, Predicted: kwæd
True: orchard, Predicted: æpæd
True: obituary, Predicted: ebært

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.4155)
Token 1: r (prob: 0.6944)
Token 2: r (prob: 0.6362)
Token 3: b (prob: 0.7580)
Token 4: b (prob: 0.8559)
Token 5: b (prob: 0.7377)
True: scribble, Predicted: srb
True: cynosure, Predicted: sænæt
True: lever, Predicted: lævør

Raw prediction sequence (first 10 tokens):

Token 0: f (prob: 0.5014)
Token 1: æ (prob: 0.6907)
Token 2: æ (prob: 0.3666)
Token 3: b (prob: 0.4272)
Token 4: b (prob: 0.5311)
Token 5: b (prob: 0.7300)
True: foible, Predicted: fæb
True: chemist, Predicted: kænmæs
True: packt, Predicted: pæter

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.8483)
Token 1: æ (prob: 0.3673)
Token 2: p (prob: 0.6889)
Token 3: p (prob: 0.5914)
Token 4: æ (prob: 0.3891)
Token 5: r (prob: 0.4408)
True: cypress, Predicted: sæper
True: alertness, Predicted: wælæt
True: predict, Predicted: præd

Raw prediction sequence (first 10 tokens):

Token 0: h (prob: 0.6581)
Token 1: æ (prob: 0.3993)
Token 2: s (prob: 0.3894)
Token 3: s (prob: 0.3033)
Token 4: ə (prob: 0.3929)
Token 5: s (prob: 0.4081)
True: histology, Predicted: hæses
True: ivy, Predicted: ævər
True: ready, Predicted: læd

Raw prediction sequence (first 10 tokens):

Token 0: l (prob: 0.8387)
Token 1: æ (prob: 0.6560)
Token 2: m (prob: 0.3113)
Token 3: b (prob: 0.6114)
Token 4: ə (prob: 0.4515)
Token 5: l (prob: 0.2596)
True: learnable, Predicted: læmbəl
True: drawn, Predicted: dæən
True: skill, Predicted: sklt

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.5369)
Token 1: n (prob: 0.8479)
Token 2: d (prob: 0.3831)
Token 3: æ (prob: 0.3393)
Token 4: æ (prob: 0.4087)
Token 5: s (prob: 0.2334)
True: candidacy, Predicted: ændæs
True: sleek, Predicted: læk
True: monument, Predicted: mæn

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.3497)
Token 1: æ (prob: 0.5792)
Token 2: r (prob: 0.5476)
Token 3: (prob: 0.2493)
Token 4: (prob: 0.2612)
Token 5: (prob: 0.5887)
True: selfish, Predicted: ær
True: accessibility, Predicted: skæp
True: abutment, Predicted: epæn

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.8085)
Token 1: æ (prob: 0.5728)
Token 2: v (prob: 0.3527)
Token 3: æ (prob: 0.3783)

Token 4: æ (prob: 0.4024)
Token 5: s (prob: 0.1989)
True: conjure, Predicted: kævæs
True: aperient, Predicted: əprærd
True: prostrate, Predicted: plæ

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.4838)
Token 1: æ (prob: 0.4929)
Token 2: n (prob: 0.3598)
Token 3: t (prob: 0.4361)
Token 4: t (prob: 0.2180)
Token 5: (prob: 0.2005)
True: purification, Predicted: bænt
True: causation, Predicted: kæ
True: permeate, Predicted: plæ

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.6821)
Token 1: p (prob: 0.7977)
Token 2: æ (prob: 0.6376)
Token 3: æ (prob: 0.3248)
Token 4: k (prob: 0.3832)
Token 5: k (prob: 0.4258)
True: pinnacle, Predicted: spæk
True: reprobate, Predicted: rb
True: fumigate, Predicted: færmæg

Raw prediction sequence (first 10 tokens):

Token 0: d (prob: 0.4492)
Token 1: æ (prob: 0.5548)
Token 2: æ (prob: 0.3011)
Token 3: s (prob: 0.2536)
Token 4: <blank> (prob: 0.2647)
Token 5: ŋ (prob: 0.2210)
True: denizen, Predicted: dæsn
True: harshness, Predicted: hwær
True: all, Predicted: æ

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.4933)
Token 1: æ (prob: 0.4668)
Token 2: m (prob: 0.3992)
Token 3: æ (prob: 0.2819)
Token 4: æ (prob: 0.2642)
Token 5: t (prob: 0.5349)
True: promenade, Predicted: pæmæt
True: pew, Predicted: pæn

True: conjugation, Predicted: vægæ

Raw prediction sequence (first 10 tokens):

Token 0: d (prob: 0.9757)
Token 1: æ (prob: 0.6471)
Token 2: æ (prob: 0.3780)
Token 3: <blank> (prob: 0.3518)
Token 4: <blank> (prob: 0.5034)
Token 5: t (prob: 0.4700)
True: deceit, Predicted: dæt
True: haggard, Predicted: skæd
True: hoist, Predicted: æt

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.6440)
Token 1: p (prob: 0.7561)
Token 2: r (prob: 0.3202)
Token 3: æ (prob: 0.3276)
Token 4: ə (prob: 0.3797)
Token 5: m (prob: 0.5032)
True: hypnotism, Predicted: spræm
True: depopulation, Predicted: d bæt
True: disinfect, Predicted: dæft

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.3345)
Token 1: æ (prob: 0.6890)
Token 2: n (prob: 0.3665)
Token 3: n (prob: 0.6195)
Token 4: n (prob: 0.4284)
Token 5: t (prob: 0.3888)
True: athlete, Predicted: ænt
True: chattel, Predicted: ætəl
True: gear, Predicted: gær

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.3667)
Token 1: æ (prob: 0.4812)
Token 2: l (prob: 0.5100)
Token 3: <blank> (prob: 0.2139)
Token 4: m (prob: 0.4228)
Token 5: m (prob: 0.7222)
True: column, Predicted: ælm
True: deference, Predicted: d fæn
True: truncal, Predicted: tæəl

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.8353)

Token 1: l (prob: 0.9810)
Token 2: æ (prob: 0.5866)
Token 3: æ (prob: 0.8279)
Token 4: (prob: 0.4195)
Token 5: t (prob: 0.3328)
True: plain, Predicted: plæt
True: measurable, Predicted: ræpb
True: pancreatic, Predicted: pægæ

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.8078)
Token 1: æ (prob: 0.3458)
Token 2: l (prob: 0.7186)
Token 3: l (prob: 0.5894)
Token 4: <blank> (prob: 0.3379)
Token 5: t (prob: 0.1412)
True: bellow, Predicted: bælt
True: derive, Predicted: dræt
True: joyfulness, Predicted: dæfæt

Raw prediction sequence (first 10 tokens):

Token 0: n (prob: 0.4117)
Token 1: æ (prob: 0.7558)
Token 2: æ (prob: 0.3550)
Token 3: l (prob: 0.2973)
Token 4: l (prob: 0.3189)
Token 5: l (prob: 0.4068)
True: nor, Predicted: næl
True: compulsorily, Predicted: kəpəs
True: vixen, Predicted: vəs

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.9713)
Token 1: r (prob: 0.6321)
Token 2: æ (prob: 0.5768)
Token 3: f (prob: 0.4604)
Token 4: ə (prob: 0.3780)
Token 5: r (prob: 0.1875)
True: pervert, Predicted: præfer
True: shrive, Predicted: ræv
True: location, Predicted: rəs

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.4956)
Token 1: æ (prob: 0.6621)
Token 2: z (prob: 0.2491)
Token 3: s (prob: 0.2011)
Token 4: ə (prob: 0.4482)

Token 5: æ (prob: 0.2050)
 True: inconsistency, Predicted: kæzsæ
 True: mite, Predicted: mæt
 True: somber, Predicted: sæmbəb
 Epoch 9/10, Train Loss: 0.6048, Val Loss: 0.6745
 Epoch 10/10, Batch 1/335, Loss: 0.8042, Time: 0.18s
 Epoch 10/10, Batch 11/335, Loss: 0.6785, Time: 0.18s
 Epoch 10/10, Batch 21/335, Loss: 0.5537, Time: 0.17s
 Epoch 10/10, Batch 31/335, Loss: 0.6554, Time: 0.16s
 Epoch 10/10, Batch 41/335, Loss: 0.4661, Time: 0.17s
 Epoch 10/10, Batch 51/335, Loss: 0.7524, Time: 0.18s
 Epoch 10/10, Batch 61/335, Loss: 0.4511, Time: 0.17s
 Epoch 10/10, Batch 71/335, Loss: 0.4239, Time: 0.18s
 Epoch 10/10, Batch 81/335, Loss: 0.5646, Time: 0.18s
 Epoch 10/10, Batch 91/335, Loss: 0.6734, Time: 0.17s
 Epoch 10/10, Batch 101/335, Loss: 0.7034, Time: 0.17s
 Epoch 10/10, Batch 111/335, Loss: 0.4189, Time: 0.17s
 Epoch 10/10, Batch 121/335, Loss: 0.2515, Time: 0.19s
 Epoch 10/10, Batch 131/335, Loss: 0.4027, Time: 0.17s
 Epoch 10/10, Batch 141/335, Loss: 0.8020, Time: 0.17s
 Epoch 10/10, Batch 151/335, Loss: 0.6307, Time: 0.27s
 Epoch 10/10, Batch 161/335, Loss: 0.7317, Time: 0.18s
 Epoch 10/10, Batch 171/335, Loss: 0.5161, Time: 0.17s
 Epoch 10/10, Batch 181/335, Loss: 0.6363, Time: 0.18s
 Epoch 10/10, Batch 191/335, Loss: 0.3991, Time: 0.17s
 Epoch 10/10, Batch 201/335, Loss: 0.7132, Time: 0.17s
 Epoch 10/10, Batch 211/335, Loss: 0.6546, Time: 0.17s
 Epoch 10/10, Batch 221/335, Loss: 0.5201, Time: 0.17s
 Epoch 10/10, Batch 231/335, Loss: 0.6895, Time: 0.20s
 Epoch 10/10, Batch 241/335, Loss: 0.5791, Time: 0.18s
 Epoch 10/10, Batch 251/335, Loss: 0.8462, Time: 0.27s
 Epoch 10/10, Batch 261/335, Loss: 0.5086, Time: 0.19s
 Epoch 10/10, Batch 271/335, Loss: 0.3414, Time: 0.19s
 Epoch 10/10, Batch 281/335, Loss: 0.7933, Time: 0.25s
 Epoch 10/10, Batch 291/335, Loss: 0.8864, Time: 0.18s
 Epoch 10/10, Batch 301/335, Loss: 0.8371, Time: 0.17s
 Epoch 10/10, Batch 311/335, Loss: 0.4935, Time: 0.17s
 Epoch 10/10, Batch 321/335, Loss: 0.7390, Time: 0.21s
 Epoch 10/10, Batch 331/335, Loss: 0.4025, Time: 0.17s

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.5348)
 Token 1: æ (prob: 0.6633)
 Token 2: æ (prob: 0.2607)
 Token 3: æ (prob: 0.2443)
 Token 4: æ (prob: 0.2824)
 Token 5: n (prob: 0.1700)
 True: conscious, Predicted: kæn

True: overthrow, Predicted: æsəæ
True: cocoon, Predicted: kækəæ

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.9889)
Token 1: r (prob: 0.8906)
Token 2: æ (prob: 0.4469)
Token 3: æ (prob: 0.3909)
Token 4: <blank> (prob: 0.5559)
Token 5: <blank> (prob: 0.1956)
True: borough, Predicted: bræ
True: paltriness, Predicted: pæntəæ
True: phlegm, Predicted: flæm

Raw prediction sequence (first 10 tokens):

Token 0: (prob: 0.4395)
Token 1: (prob: 0.7043)
Token 2: æ (prob: 0.8173)
Token 3: (prob: 0.3165)
Token 4: l (prob: 0.7584)
Token 5: l (prob: 0.7735)
True: child, Predicted: æ l
True: apostolic, Predicted: əpæ l
True: cracked, Predicted: kræk

Raw prediction sequence (first 10 tokens):

Token 0: m (prob: 0.7096)
Token 1: æ (prob: 0.3952)
Token 2: r (prob: 0.3622)
Token 3: l (prob: 0.4425)
Token 4: æ (prob: 0.3384)
Token 5: r (prob: 0.2222)
True: mealiness, Predicted: mærlær
True: inviolate, Predicted: ælæ
True: downhill, Predicted: dæ l

Raw prediction sequence (first 10 tokens):

Token 0: g (prob: 0.8766)
Token 1: <blank> (prob: 0.4384)
Token 2: æ (prob: 0.6194)
Token 3: <blank> (prob: 0.4330)
Token 4: <blank> (prob: 0.5694)
Token 5: n (prob: 0.2756)
True: organ, Predicted: gæn
True: sometimes, Predicted: tæn
True: signable, Predicted: sæb

Raw prediction sequence (first 10 tokens):

Token 0: r (prob: 0.2022)
Token 1: n (prob: 0.2903)
Token 2: v (prob: 0.2369)
Token 3: æ (prob: 0.3630)
Token 4: æ (prob: 0.3835)
Token 5: n (prob: 0.2460)
True: ingenious, Predicted: rnvæn
True: egress, Predicted: græs
True: pansy, Predicted: pækæ

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.9475)
Token 1: æ (prob: 0.5226)
Token 2: æ (prob: 0.1851)
Token 3: s (prob: 0.2802)
Token 4: e (prob: 0.3026)
Token 5: r (prob: 0.3163)
True: benefactress, Predicted: bæser
True: uniformity, Predicted: ævæd
True: angelical, Predicted: r bæt

Raw prediction sequence (first 10 tokens):

Token 0: r (prob: 0.3848)
Token 1: æ (prob: 0.4442)
Token 2: m (prob: 0.7819)
Token 3: b (prob: 0.8291)
Token 4: e (prob: 0.7320)
Token 5: l (prob: 0.7425)
True: lambrequin, Predicted: ræmbæl
True: pistol, Predicted: bætøm
True: cry, Predicted: klæk

Raw prediction sequence (first 10 tokens):

Token 0: v (prob: 0.9376)
Token 1: æ (prob: 0.7283)
Token 2: r (prob: 0.3226)
Token 3: g (prob: 0.2049)
Token 4: e (prob: 0.2855)
Token 5: g (prob: 0.2430)
True: variegate, Predicted: værgæg
True: abstracted, Predicted: ræbøn
True: intimate, Predicted: d æ t

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.7127)
Token 1: æ (prob: 0.5949)
Token 2: s (prob: 0.2299)
Token 3: (prob: 0.2424)

Token 4: ə (prob: 0.3437)
Token 5: æ (prob: 0.2013)
True: conscientious, Predicted: kæs əæ
True: cactus, Predicted: kækæt
True: leash, Predicted: læs

Raw prediction sequence (first 10 tokens):

Token 0: t (prob: 0.4564)
Token 1: æ (prob: 0.5741)
Token 2: (prob: 0.4017)
Token 3: (prob: 0.2366)
Token 4: v (prob: 0.3320)
Token 5: v (prob: 0.6561)
True: turf, Predicted: tæv
True: assumable, Predicted: ælbəl
True: consist, Predicted: kz

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.8967)
Token 1: æ (prob: 0.3171)
Token 2: æ (prob: 0.4233)
Token 3: t (prob: 0.2715)
Token 4: ə (prob: 0.6221)
Token 5: l (prob: 0.8451)
True: squirrel, Predicted: kætəl
True: unwary, Predicted: tær
True: inquire, Predicted: mækæ

Raw prediction sequence (first 10 tokens):

Token 0: m (prob: 0.7413)
Token 1: æ (prob: 0.7703)
Token 2: æ (prob: 0.3014)
Token 3: d (prob: 0.8158)
Token 4: ə (prob: 0.5107)
Token 5: l (prob: 0.4601)
True: middle, Predicted: mædəl
True: eye, Predicted: æ
True: bloodless, Predicted: blædəl

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.6297)
Token 1: r (prob: 0.4107)
Token 2: æ (prob: 0.2866)
Token 3: s (prob: 0.1609)
Token 4: (prob: 0.1761)
Token 5: (prob: 0.3680)
True: patricide, Predicted: bræs
True: renovate, Predicted: mækæv

True: rap, Predicted: ræp

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.7112)

Token 1: æ (prob: 0.3903)

Token 2: æ (prob: 0.3684)

Token 3: d (prob: 0.3423)

Token 4: d (prob: 0.4068)

Token 5: (prob: 0.7294)

True: garbage, Predicted: kæd

True: inception, Predicted: wæp

True: profession, Predicted: prfæ

Raw prediction sequence (first 10 tokens):

Token 0: v (prob: 0.6542)

Token 1: æ (prob: 0.8354)

Token 2: æ (prob: 0.3499)

Token 3: t (prob: 0.3443)

Token 4: ə (prob: 0.1873)

Token 5: (prob: 0.4744)

True: voucher, Predicted: vætə

True: bunchiness, Predicted: bæt

True: vindictive, Predicted: dædæt

Raw prediction sequence (first 10 tokens):

Token 0: f (prob: 0.9882)

Token 1: l (prob: 0.9561)

Token 2: æ (prob: 0.7099)

Token 3: æ (prob: 0.7107)

Token 4: æ (prob: 0.2927)

Token 5: t (prob: 0.5622)

True: flatter, Predicted: flæt

True: transfusion, Predicted: mæfæt

True: whereby, Predicted: rbəb

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.4153)

Token 1: æ (prob: 0.3697)

Token 2: d (prob: 0.6100)

Token 3: d (prob: 0.6789)

Token 4: ə (prob: 0.4622)

Token 5: l (prob: 0.4276)

True: twaddle, Predicted: ædəl

True: like, Predicted: læt

True: elusive, Predicted: klæv

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.5349)

Token 1: k (prob: 0.4746)
Token 2: l (prob: 0.6050)
Token 3: æ (prob: 0.5324)
Token 4: s (prob: 0.2365)
Token 5: s (prob: 0.2467)
True: scholastic, Predicted: klæs
True: abstract, Predicted: bæn
True: sulphurize, Predicted: slpə

Raw prediction sequence (first 10 tokens):

Token 0: (prob: 0.5380)
Token 1: æ (prob: 0.7253)
Token 2: æ (prob: 0.3344)
Token 3: m (prob: 0.7806)
Token 4: ə (prob: 0.2601)
Token 5: s (prob: 0.3182)
True: inharmonious, Predicted: æməs
True: torrid, Predicted: ræd
True: signification, Predicted: gæf

Raw prediction sequence (first 10 tokens):

Token 0: m (prob: 0.7385)
Token 1: æ (prob: 0.6831)
Token 2: æ (prob: 0.5094)
Token 3: æ (prob: 0.3571)
Token 4: <blank> (prob: 0.4187)
Token 5: r (prob: 0.3016)
True: know, Predicted: mæ
True: breeze, Predicted: bræk
True: surveillance, Predicted: sæl

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.9018)
Token 1: æ (prob: 0.7076)
Token 2: æ (prob: 0.3495)
Token 3: d (prob: 0.6901)
Token 4: d (prob: 0.5300)
Token 5: d (prob: 0.3279)
True: condition, Predicted: kæd
True: republish, Predicted: ræb
True: freckle, Predicted: fræmæl

Raw prediction sequence (first 10 tokens):

Token 0: t (prob: 0.5639)
Token 1: æ (prob: 0.4298)
Token 2: æ (prob: 0.4619)
Token 3: æ (prob: 0.4273)
Token 4: ə (prob: 0.3392)

Token 5: l (prob: 0.6449)
True: tassel, Predicted: tæ l
True: kite, Predicted: kæt
True: grievance, Predicted: grævæn

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.6005)
Token 1: æ (prob: 0.6776)
Token 2: <blank> (prob: 0.3271)
Token 3: <blank> (prob: 0.6181)
Token 4: <blank> (prob: 0.4971)
Token 5: n (prob: 0.4289)
True: yarm, Predicted: æn
True: bake, Predicted: bæ
True: drill, Predicted: dæ l

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.8685)
Token 1: æ (prob: 0.6660)
Token 2: æ (prob: 0.6584)
Token 3: (prob: 0.1752)
Token 4: l (prob: 0.5316)
Token 5: l (prob: 0.8065)
True: penal, Predicted: pæ l
True: purchasable, Predicted: ærb
True: miraculous, Predicted: mæ ræt

Raw prediction sequence (first 10 tokens):

Token 0: m (prob: 0.4779)
Token 1: æ (prob: 0.4109)
Token 2: æ (prob: 0.3870)
Token 3: b (prob: 0.7300)
Token 4: b (prob: 0.5211)
Token 5: b (prob: 0.4658)
True: immeasure, Predicted: mæb
True: peasant, Predicted: bæ r
True: shuffling, Predicted: fæl l

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.8669)
Token 1: r (prob: 0.8921)
Token 2: r (prob: 0.3938)
Token 3: d (prob: 0.2454)
Token 4: d (prob: 0.8522)
Token 5: d (prob: 0.9122)
True: breadth, Predicted: brd
True: abrogate, Predicted: æbæk
True: obstacle, Predicted: spæ

Raw prediction sequence (first 10 tokens):

Token 0: f (prob: 0.8787)
Token 1: æ (prob: 0.6702)
Token 2: æ (prob: 0.3659)
Token 3: ŋ (prob: 0.8639)
Token 4: ŋ (prob: 0.6521)
Token 5: k (prob: 0.4134)
True: function, Predicted: fæŋk
True: piecemeal, Predicted: pærtəl
True: beguile, Predicted: bækæ

Raw prediction sequence (first 10 tokens):

Token 0: r (prob: 0.5756)
Token 1: æ (prob: 0.8134)
Token 2: æ (prob: 0.2759)
Token 3: t (prob: 0.4317)
Token 4: ə (prob: 0.3732)
Token 5: r (prob: 0.3852)
True: rhinestone, Predicted: rætər
True: conscionable, Predicted: kæb
True: selfconfidence, Predicted: hærfəf

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.6102)
Token 1: r (prob: 0.6256)
Token 2: r (prob: 0.4580)
Token 3: b (prob: 0.3089)
Token 4: d (prob: 0.3038)
Token 5: (prob: 0.4792)
True: refrigeration, Predicted: prbd
True: catechetic, Predicted: kætæp
True: agglomerate, Predicted: klæm

Raw prediction sequence (first 10 tokens):

Token 0: h (prob: 0.4929)
Token 1: æ (prob: 0.6565)
Token 2: <blank> (prob: 0.3542)
Token 3: <blank> (prob: 0.4994)
Token 4: p (prob: 0.7924)
Token 5: p (prob: 0.9104)
True: hasp, Predicted: hæp
True: condescend, Predicted: kntæ
True: indignant, Predicted: mæt

Raw prediction sequence (first 10 tokens):

Token 0: d (prob: 0.7286)
Token 1: æ (prob: 0.4538)

Token 2: æ (prob: 0.5362)
Token 3: <blank> (prob: 0.2238)
Token 4: <blank> (prob: 0.2557)
Token 5: k (prob: 0.2352)
True: drunk, Predicted: dæk
True: lace, Predicted: læs
True: elocution, Predicted: æk

Raw prediction sequence (first 10 tokens):

Token 0: v (prob: 0.6190)
Token 1: æ (prob: 0.8605)
Token 2: æ (prob: 0.3190)
Token 3: l (prob: 0.3233)
Token 4: l (prob: 0.2546)
Token 5: æ (prob: 0.3817)
True: valise, Predicted: vælæ
True: pine, Predicted: pæn
True: imprudent, Predicted: mpæt

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.6775)
Token 1: r (prob: 0.6215)
Token 2: r (prob: 0.6036)
Token 3: (prob: 0.2953)
Token 4: (prob: 0.4346)
Token 5: m (prob: 0.3805)
True: sprain, Predicted: pr m
True: honk, Predicted: hærm
True: straightforward, Predicted: sræ d

Raw prediction sequence (first 10 tokens):

Token 0: t (prob: 0.5197)
Token 1: r (prob: 0.7869)
Token 2: æ (prob: 0.7769)
Token 3: æ (prob: 0.4587)
Token 4: (prob: 0.2535)
Token 5: f (prob: 0.3551)
True: traffic, Predicted: træ f
True: science, Predicted: sæ nes
True: cog, Predicted: kægk

Raw prediction sequence (first 10 tokens):

Token 0: ə (prob: 0.5125)
Token 1: b (prob: 0.6174)
Token 2: b (prob: 0.2565)
Token 3: æ (prob: 0.3887)
Token 4: (prob: 0.3737)
Token 5: s (prob: 0.3874)

True: abashed, Predicted: əbæ s
True: eczema, Predicted: æ mæ
True: subdued, Predicted: ædæd

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.8371)
Token 1: p (prob: 0.6954)
Token 2: p (prob: 0.5404)
Token 3: æ (prob: 0.6591)
Token 4: æ (prob: 0.1989)
Token 5: r (prob: 0.5120)
True: spur, Predicted: spær
True: onward, Predicted: sæd
True: clink, Predicted: klæn

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.2800)
Token 1: f (prob: 0.3621)
Token 2: f (prob: 0.8778)
Token 3: æ (prob: 0.6657)
Token 4: æ (prob: 0.2650)
Token 5: r (prob: 0.2237)
True: infer, Predicted: æfær
True: doubtful, Predicted: dæt
True: abstain, Predicted: brd

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.4549)
Token 1: d (prob: 0.5289)
Token 2: æ (prob: 0.3622)
Token 3: æ (prob: 0.6026)
Token 4: æ (prob: 0.2545)
Token 5: t (prob: 0.2864)
True: odor, Predicted: ædæt
True: dismissal, Predicted: drær
True: doggerel, Predicted: dræær

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.5315)
Token 1: æ (prob: 0.3056)
Token 2: k (prob: 0.7674)
Token 3: k (prob: 0.6107)
Token 4: ə (prob: 0.2840)
Token 5: s (prob: 0.3381)
True: axis, Predicted: ækəs
True: pastorate, Predicted: pætər
True: territory, Predicted: tæt

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.5498)
Token 1: æ (prob: 0.5770)
Token 2: æ (prob: 0.4942)
Token 3: æ (prob: 0.3264)
Token 4: <blank> (prob: 0.2551)
Token 5: t (prob: 0.4897)
True: pot, Predicted: bæt
True: jacosely, Predicted: b kgæ
True: superlative, Predicted: plæt

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.5206)
Token 1: æ (prob: 0.4094)
Token 2: æ (prob: 0.3313)
Token 3: t (prob: 0.3303)
Token 4: æ (prob: 0.3421)
Token 5: æ (prob: 0.2403)
True: statistics, Predicted: sætæ
True: elemental, Predicted: ælærm
True: attainment, Predicted: ææl

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.2820)
Token 1: æ (prob: 0.4397)
Token 2: æ (prob: 0.4540)
Token 3: n (prob: 0.2385)
Token 4: d (prob: 0.5957)
Token 5: d (prob: 0.7777)
True: attentive, Predicted: ænd
True: indigestion, Predicted: ræde
True: vincible, Predicted: vææb

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.9863)
Token 1: æ (prob: 0.6502)
Token 2: æ (prob: 0.5794)
Token 3: <blank> (prob: 0.3427)
Token 4: <blank> (prob: 0.4986)
Token 5: k (prob: 0.3725)
True: bog, Predicted: bæk
True: mellowness, Predicted: mælæ
True: armada, Predicted: knræd

Raw prediction sequence (first 10 tokens):

Token 0: d (prob: 0.7718)
Token 1: æ (prob: 0.4806)
Token 2: æ (prob: 0.7083)

Token 3: æ (prob: 0.3397)
Token 4: ə (prob: 0.3487)
Token 5: m (prob: 0.4087)
True: auditorium, Predicted: dæəm
True: inaction, Predicted: kækə
True: radiant, Predicted: rædəl

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.5108)
Token 1: p (prob: 0.3049)
Token 2: æ (prob: 0.4895)
Token 3: æ (prob: 0.3471)
Token 4: ə (prob: 0.2728)
Token 5: r (prob: 0.5984)
True: chauffeur, Predicted: spæər
True: astigmatism, Predicted: ægkər
True: lubrication, Predicted: r brt

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.4768)
Token 1: æ (prob: 0.5136)
Token 2: r (prob: 0.5107)
Token 3: æ (prob: 0.2860)
Token 4: d (prob: 0.4239)
Token 5: d (prob: 0.6526)
True: centrodé, Predicted: særæd
True: trite, Predicted: træt
True: ford, Predicted: fæd

Raw prediction sequence (first 10 tokens):

Token 0: g (prob: 0.5632)
Token 1: æ (prob: 0.6511)
Token 2: æ (prob: 0.4373)
Token 3: æ (prob: 0.3100)
Token 4: n (prob: 0.2693)
Token 5: d (prob: 0.4299)
True: constituent, Predicted: gænd
True: contemplation, Predicted: kndæp
True: consent, Predicted: kwæ nt

Raw prediction sequence (first 10 tokens):

Token 0: h (prob: 0.4896)
Token 1: æ (prob: 0.6361)
Token 2: æ (prob: 0.1579)
Token 3: æ (prob: 0.1842)
Token 4: ə (prob: 0.5304)
Token 5: l (prob: 0.9135)
True: arsenal, Predicted: hæəl

True: generate, Predicted: d æl
True: perspective, Predicted: prbæ

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.4912)
Token 1: æ (prob: 0.4475)
Token 2: æ (prob: 0.2629)
Token 3: k (prob: 0.1680)
Token 4: k (prob: 0.3694)
Token 5: k (prob: 0.4673)
True: constrict, Predicted: kæk
True: element, Predicted: ælæt
True: wretchedness, Predicted: ræ d

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.9312)
Token 1: æ (prob: 0.5094)
Token 2: æ (prob: 0.3168)
Token 3: æ (prob: 0.3671)
Token 4: d (prob: 0.2914)
Token 5: d (prob: 0.6818)
True: concede, Predicted: kæd
True: orchard, Predicted: spæd
True: obituary, Predicted: əbææt

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.6685)
Token 1: r (prob: 0.3211)
Token 2: r (prob: 0.7774)
Token 3: æ (prob: 0.4462)
Token 4: b (prob: 0.5471)
Token 5: b (prob: 0.6969)
True: scribble, Predicted: sræb
True: cynosure, Predicted: mæn æt
True: lever, Predicted: læ v

Raw prediction sequence (first 10 tokens):

Token 0: f (prob: 0.4198)
Token 1: æ (prob: 0.5826)
Token 2: æ (prob: 0.5196)
Token 3: b (prob: 0.6963)
Token 4: b (prob: 0.8164)
Token 5: b (prob: 0.8039)
True: foible, Predicted: fæb
True: chemist, Predicted: kænmes
True: packt, Predicted: pæk n

Raw prediction sequence (first 10 tokens):

Token 0: s (prob: 0.7067)
Token 1: æ (prob: 0.4836)
Token 2: p (prob: 0.6641)
Token 3: p (prob: 0.6875)
Token 4: æ (prob: 0.4664)
Token 5: r (prob: 0.4593)
True: cypress, Predicted: sæper
True: alertness, Predicted: ælæt
True: predict, Predicted: pæd

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.2787)
Token 1: n (prob: 0.2582)
Token 2: s (prob: 0.2949)
Token 3: s (prob: 0.3459)
Token 4: æ (prob: 0.2686)
Token 5: s (prob: 0.3811)
True: histology, Predicted: ensæs
True: ivy, Predicted: næv
True: ready, Predicted: rædæ

Raw prediction sequence (first 10 tokens):

Token 0: l (prob: 0.7568)
Token 1: æ (prob: 0.6937)
Token 2: m (prob: 0.5314)
Token 3: b (prob: 0.7832)
Token 4: æ (prob: 0.5943)
Token 5: l (prob: 0.4803)
True: learnable, Predicted: læmbæl
True: drawn, Predicted: dræn
True: skill, Predicted: skl

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.4182)
Token 1: æ (prob: 0.5985)
Token 2: n (prob: 0.6482)
Token 3: d (prob: 0.5317)
Token 4: æ (prob: 0.3304)
Token 5: æ (prob: 0.4183)
True: candidacy, Predicted: ændæ
True: sleek, Predicted: læk
True: monument, Predicted: mæn

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.4087)
Token 1: æ (prob: 0.3965)
Token 2: r (prob: 0.4622)
Token 3: (prob: 0.3743)

Token 4: (prob: 0.2289)
Token 5: (prob: 0.4524)
True: selfish, Predicted: ær
True: accessiblility, Predicted: skmæp
True: abutment, Predicted: əbæ n

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.7975)
Token 1: æ (prob: 0.5506)
Token 2: æ (prob: 0.3742)
Token 3: d (prob: 0.6772)
Token 4: d (prob: 0.3695)
Token 5: d (prob: 0.4828)
True: conjure, Predicted: kæd
True: aperient, Predicted: əpært
True: prostrate, Predicted: præ

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.7939)
Token 1: æ (prob: 0.5141)
Token 2: n (prob: 0.3993)
Token 3: t (prob: 0.4620)
Token 4: t (prob: 0.2276)
Token 5: (prob: 0.3933)
True: purification, Predicted: bænt
True: causation, Predicted: kæ
True: permeate, Predicted: plæt

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.7633)
Token 1: r (prob: 0.3891)
Token 2: æ (prob: 0.6133)
Token 3: k (prob: 0.2392)
Token 4: k (prob: 0.4661)
Token 5: k (prob: 0.5522)
True: pinnacle, Predicted: bræk
True: reprobate, Predicted: prbøb
True: fumigate, Predicted: færmææ

Raw prediction sequence (first 10 tokens):

Token 0: d (prob: 0.4923)
Token 1: æ (prob: 0.5674)
Token 2: æ (prob: 0.3190)
Token 3: æ (prob: 0.3008)
Token 4: ə (prob: 0.4008)
Token 5: r (prob: 0.2313)
True: denizen, Predicted: dæər
True: harshness, Predicted: hæp r

True: all, Predicted: æ

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.5834)
Token 1: l (prob: 0.5658)
Token 2: m (prob: 0.3857)
Token 3: m (prob: 0.5062)
Token 4: æ (prob: 0.3781)
Token 5: t (prob: 0.6089)
True: promenade, Predicted: plmæt
True: pew, Predicted: pæn
True: conjugation, Predicted: kæk

Raw prediction sequence (first 10 tokens):

Token 0: d (prob: 0.9547)
Token 1: æ (prob: 0.6846)
Token 2: æ (prob: 0.4884)
Token 3: <blank> (prob: 0.4309)
Token 4: <blank> (prob: 0.5713)
Token 5: t (prob: 0.3182)
True: deceit, Predicted: dæt
True: haggard, Predicted: skæd
True: hoist, Predicted: næt

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.5259)
Token 1: r (prob: 0.4680)
Token 2: r (prob: 0.5877)
Token 3: t (prob: 0.2398)
Token 4: ə (prob: 0.6110)
Token 5: m (prob: 0.3627)
True: hypnotism, Predicted: prtəm
True: depopulation, Predicted: d b t
True: disinfect, Predicted: d sft

Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.3216)
Token 1: æ (prob: 0.3434)
Token 2: t (prob: 0.4045)
Token 3: l (prob: 0.2712)
Token 4: l (prob: 0.2908)
Token 5: t (prob: 0.3790)
True: athlete, Predicted: ætlt
True: chattel, Predicted: ætəl
True: gear, Predicted: gær

Raw prediction sequence (first 10 tokens):

Token 0: k (prob: 0.9350)

Token 1: æ (prob: 0.4613)
Token 2: l (prob: 0.6159)
Token 3: l (prob: 0.4640)
Token 4: ə (prob: 0.2962)
Token 5: m (prob: 0.6183)
True: column, Predicted: kæləm
True: deference, Predicted: dæfæk
True: truncal, Predicted: æŋkəl

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.8364)
Token 1: l (prob: 0.9777)
Token 2: æ (prob: 0.7939)
Token 3: æ (prob: 0.8501)
Token 4: (prob: 0.4618)
Token 5: t (prob: 0.2745)
True: plain, Predicted: plæt
True: measurable, Predicted: mæbp
True: pancreatic, Predicted: pægəs

Raw prediction sequence (first 10 tokens):

Token 0: b (prob: 0.7455)
Token 1: b (prob: 0.3098)
Token 2: æ (prob: 0.2773)
Token 3: <blank> (prob: 0.6129)
Token 4: <blank> (prob: 0.7378)
Token 5: <blank> (prob: 0.3568)
True: bellow, Predicted: bæ
True: derive, Predicted: dræt
True: joyfulness, Predicted: dæt

Raw prediction sequence (first 10 tokens):

Token 0: n (prob: 0.4206)
Token 1: æ (prob: 0.7296)
Token 2: æ (prob: 0.2801)
Token 3: l (prob: 0.5820)
Token 4: l (prob: 0.5929)
Token 5: l (prob: 0.6222)
True: nor, Predicted: næl
True: compulsorily, Predicted: kærəs
True: vixen, Predicted: vər

Raw prediction sequence (first 10 tokens):

Token 0: p (prob: 0.9621)
Token 1: r (prob: 0.6860)
Token 2: æ (prob: 0.4761)
Token 3: f (prob: 0.6138)
Token 4: ə (prob: 0.4253)

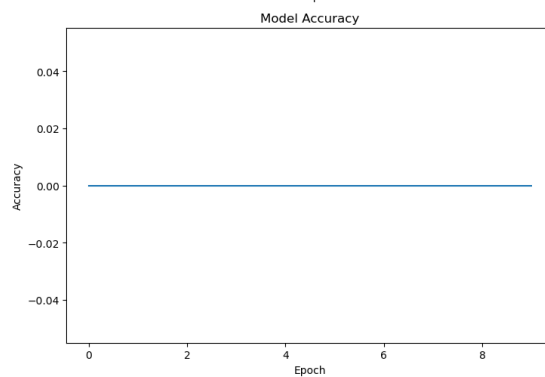
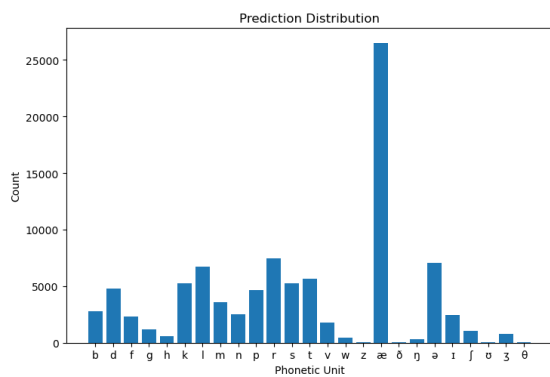
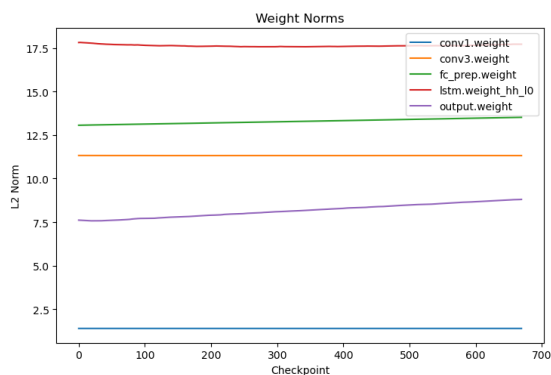
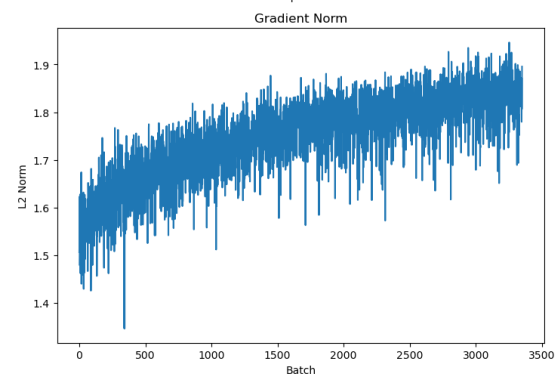
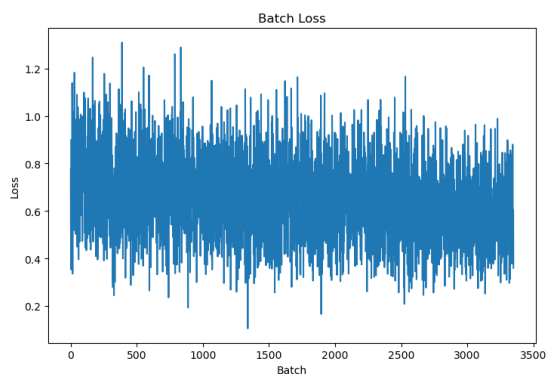
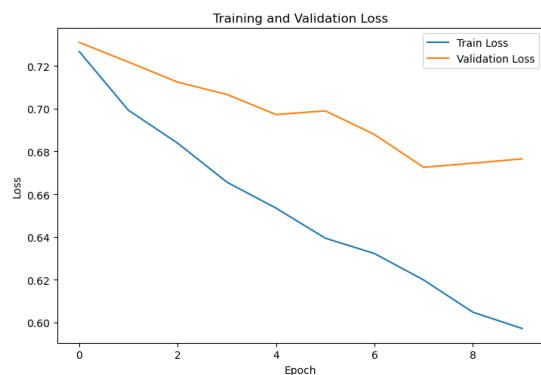
Token 5: r (prob: 0.1640)
True: pervert, Predicted: præfer
True: shrive, Predicted: ræv
True: location, Predicted: læk

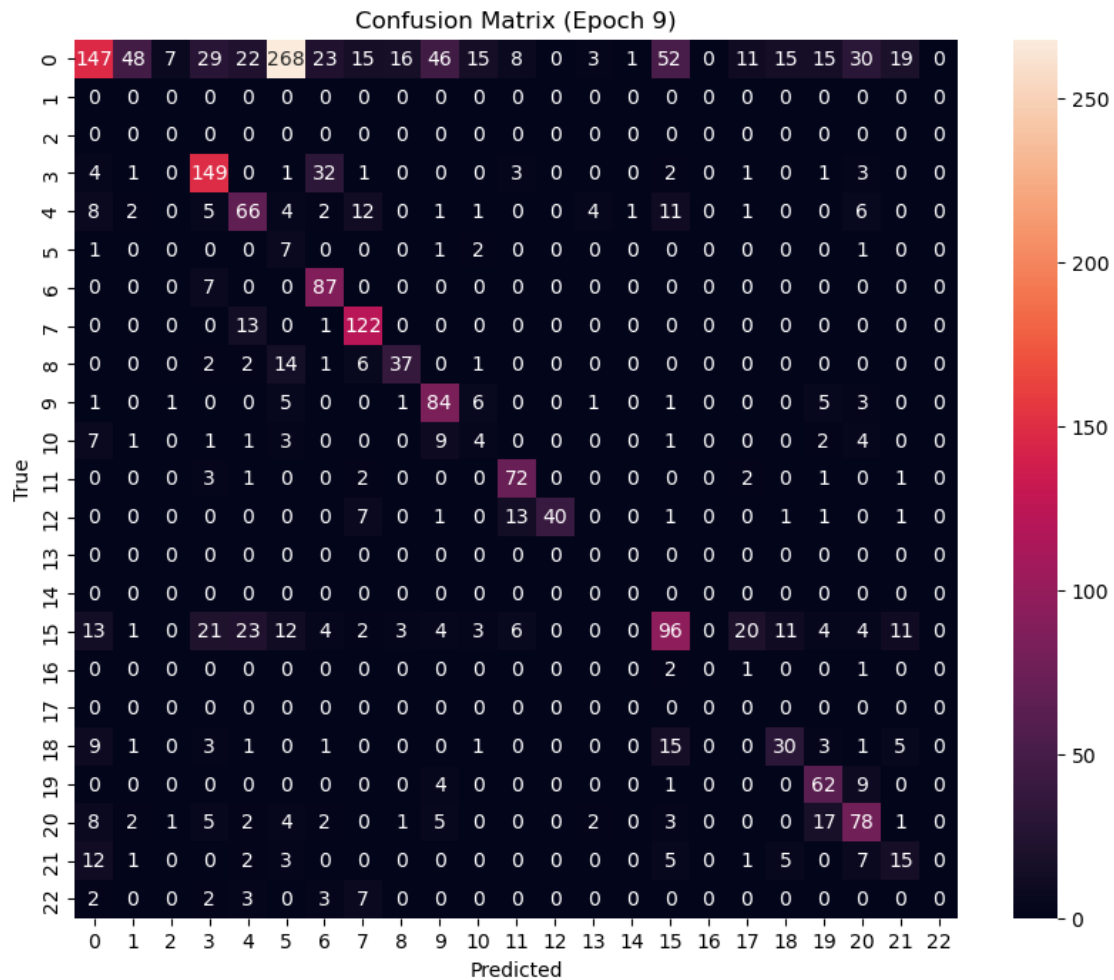
Raw prediction sequence (first 10 tokens):

Token 0: æ (prob: 0.3518)
Token 1: æ (prob: 0.6522)
Token 2: æ (prob: 0.2101)
Token 3: æ (prob: 0.1643)
Token 4: ø (prob: 0.1753)
Token 5: (prob: 0.1754)
True: inconsistency, Predicted: æø
True: mite, Predicted: mæt
True: somber, Predicted: sæmbøl
Epoch 10/10, Train Loss: 0.5971, Val Loss: 0.6765

Diagnostic Report:

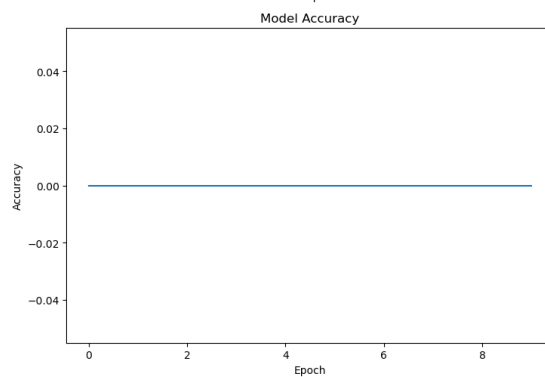
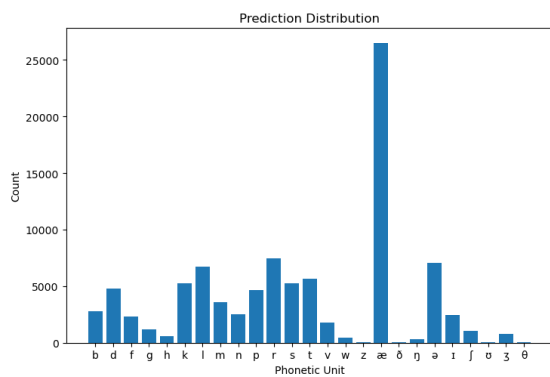
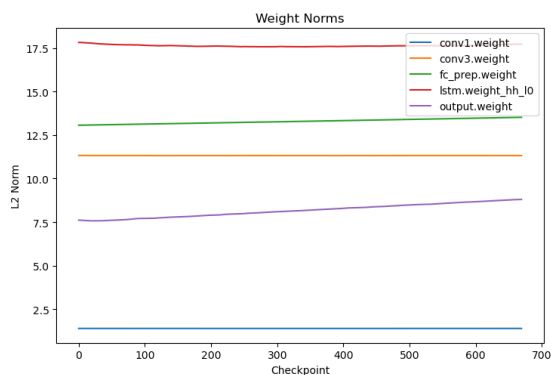
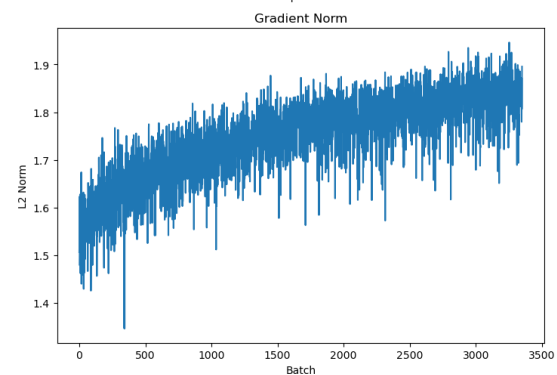
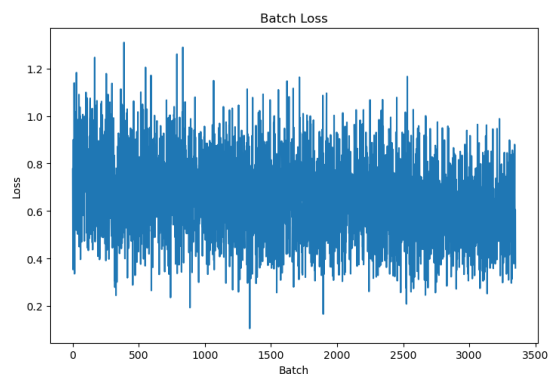
WARNING: Very low accuracy throughout training. Model may not be learning.

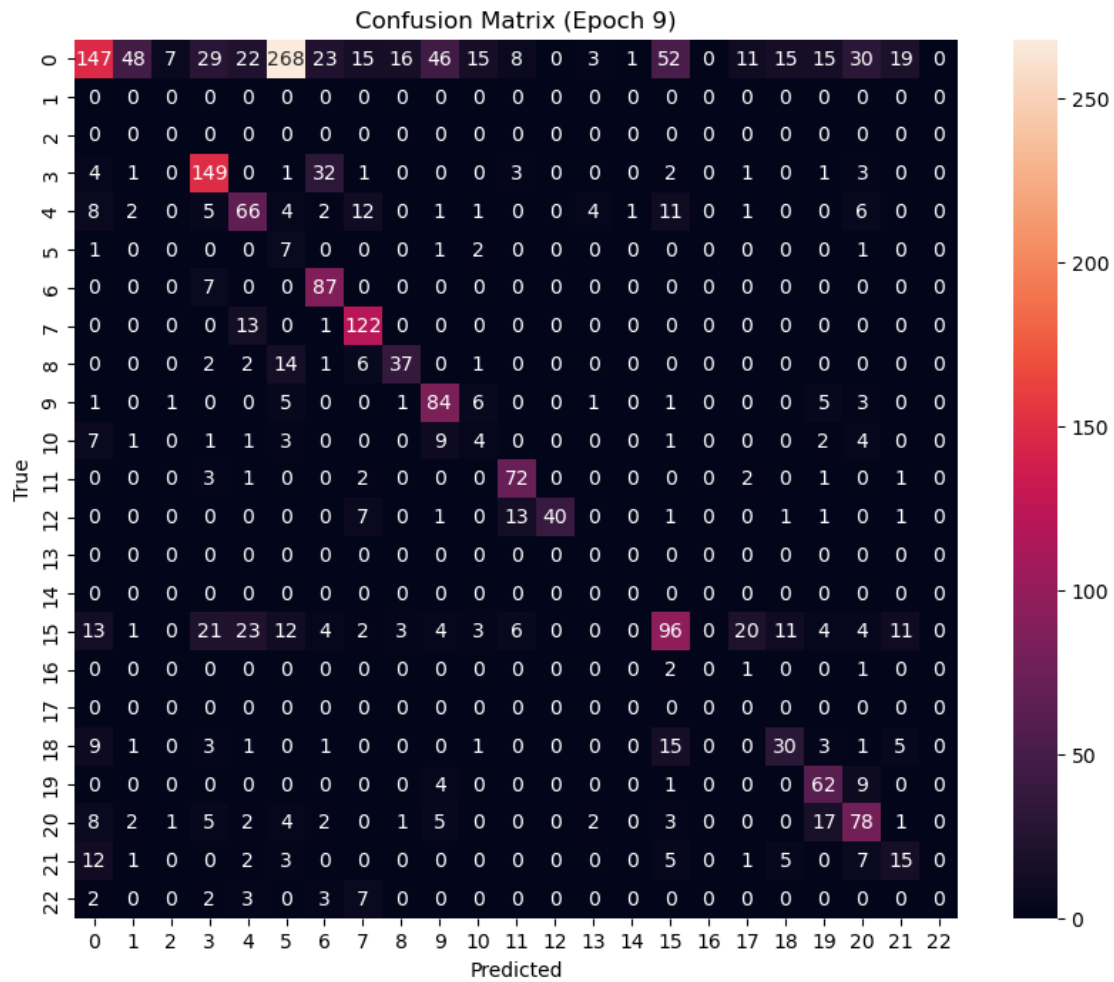




```
[149]: print(monitor.get_diagnostic_report())
monitor.plot_metrics()
```

WARNING: Very low accuracy throughout training. Model may not be learning.





[]:

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