

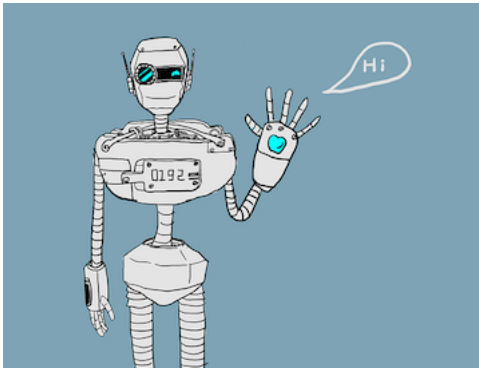
```
# For tips on running notebooks in Google Colab, see
# https://docs.pytorch.org/tutorials/beginner/colab
%matplotlib inline
```

✓ Chatbot Tutorial

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In this tutorial, we explore a fun and interesting use-case of recurrent sequence-to-sequence models. We will train a simple chatbot using movie scripts from the [Cornell Movie-Dialogs Corpus](#).

Conversational models are a hot topic in artificial intelligence research. Chatbots can be found in a variety of settings, including customer service applications and online helpdesks. These bots are often powered by retrieval-based models, which output predefined responses to questions of certain forms. In a highly restricted domain like a company's IT helpdesk, these models may be sufficient, however, they are not robust enough for more general use-cases. Teaching a machine to carry out a meaningful conversation with a human in multiple domains is a research question that is far from solved. Recently, the deep learning boom has allowed for powerful generative models like Google's [Neural Conversational Model](#), which marks a large step towards multi-domain generative conversational models. In this tutorial, we will implement this kind of model in PyTorch.



{.align-center}

```
> hello?
Bot: hello .
> where am I?
Bot: you re in a hospital .
> who are you?
Bot: i m a lawyer .
> how are you doing?
Bot: i m fine .
> are you my friend?
Bot: no .
> you're under arrest
Bot: i m trying to help you !
> i'm just kidding
Bot: i m sorry .
> where are you from?
Bot: san francisco .
> it's time for me to leave
Bot: i know .
> goodbye
Bot: goodbye .
```

Tutorial Highlights

- Handle loading and preprocessing of [Cornell Movie-Dialogs Corpus](#) dataset
- Implement a sequence-to-sequence model with [Luong attention mechanism\(s\)](#).
- Jointly train encoder and decoder models using mini-batches
- Implement greedy-search decoding module
- Interact with trained chatbot

Acknowledgments

This tutorial borrows code from the following sources:

1. Yuan-Kuei Wu's pytorch-chatbot implementation: <https://github.com/ywk991112/pytorch-chatbot>
2. Sean Robertson's practical-pytorch seq2seq-translation example: <https://github.com/spro/practical-pytorch/tree/master/seq2seq-translation>



✓ Preparations

To get started, [download](#) the Movie-Dialogs Corpus zip file.

```
# and put in a ``data/`` directory under the current directory.
#
# After that, let's import some necessities.
#

import torch
from torch.jit import script, trace
import torch.nn as nn
from torch import optim
import torch.nn.functional as F
import csv
import random
import re
import os
import unicodedata
import codecs
from io import open
import itertools
import math
import json

# If the current `accelerator` <https://pytorch.org/docs/stable/torch.html#accelerators>`__` is available,
# we will use it. Otherwise, we use the CPU.
device = torch.accelerator.current_accelerator().type if torch.accelerator.is_available() else "cpu"
print(f"Using {device} device")
```

Using cuda device

✓ Load & Preprocess Data

The next step is to reformat our data file and load the data into structures that we can work with.

The [Cornell Movie-Dialogs Corpus](#) is a rich dataset of movie character dialog:

- 220,579 conversational exchanges between 10,292 pairs of movie characters
- 9,035 characters from 617 movies
- 304,713 total utterances

This dataset is large and diverse, and there is a great variation of language formality, time periods, sentiment, etc. Our hope is that this diversity makes our model robust to many forms of inputs and queries.

First, we'll take a look at some lines of our datafile to see the original format.

```
import zipfile
with zipfile.ZipFile("/content/movie-corpus.zip", 'r') as zip_ref:
    zip_ref.extractall("/content/data")
```

```
corpus_name = "movie-corpus"
corpus = os.path.join("/content/data", corpus_name)

def printLines(file, n=10):
    with open(file, 'rb') as datafile:
        lines = datafile.readlines()
        for line in lines[:n]:
            print(line)

printLines(os.path.join(corpus, "utterances.jsonl"))
```

```
b'{"id": "L1045", "conversation_id": "L1044", "text": "They do not!", "speaker": "u0", "meta": {"movie_id": "m0", "parsed": [{"rt": 1, "toks": ["They", "do", "not", "!"]}], "tokens": ["They", "do", "not", "!"]}}'
b'{"id": "L1044", "conversation_id": "L1044", "text": "They do to!", "speaker": "u2", "meta": {"movie_id": "m0", "parsed": [{"rt": 1, "toks": ["They", "do", "to", "!"]}], "tokens": ["They", "do", "to", "!"]}}'
b'{"id": "L985", "conversation_id": "L984", "text": "I hope so.", "speaker": "u0", "meta": {"movie_id": "m0", "parsed": [{"rt": 1, "toks": ["I", "hope", "so", "."]}], "tokens": ["I", "hope", "so", "."]}}'
b'{"id": "L984", "conversation_id": "L984", "text": "She okay?", "speaker": "u2", "meta": {"movie_id": "m0", "parsed": [{"rt": 1, "toks": ["She", "okay", "?"]}], "tokens": ["She", "okay", "?"]}}'
b'{"id": "L925", "conversation_id": "L924", "text": "Let's go.", "speaker": "u0", "meta": {"movie_id": "m0", "parsed": [{"rt": 0, "toks": ["Let's", "go", "."]}], "tokens": ["Let's", "go", "."]}}'
b'{"id": "L924", "conversation_id": "L924", "text": "Wow", "speaker": "u2", "meta": {"movie_id": "m0", "parsed": [{"rt": 0, "toks": ["Wow"]}], "tokens": ["Wow"]}}'
b'{"id": "L872", "conversation_id": "L870", "text": "Okay -- you're gonna need to learn how to lie.", "speaker": "u0", "meta": {"movie_id": "m0", "parsed": [{"rt": 0, "toks": ["Okay", "--", "you're", "gonna", "need", "to", "learn", "how", "to", "lie", "."]}], "tokens": ["Okay", "--", "you're", "gonna", "need", "to", "learn", "how", "to", "lie", "."]}}'
b'{"id": "L871", "conversation_id": "L870", "text": "No", "speaker": "u2", "meta": {"movie_id": "m0", "parsed": [{"rt": 0, "toks": ["No"]}], "tokens": ["No"]}}'
b'{"id": "L870", "conversation_id": "L870", "text": "I'm kidding. You know how sometimes you just become this \\\"persona\\\"? And y", "speaker": "u0", "meta": {"movie_id": "m0", "parsed": [{"rt": 0, "toks": ["I'm", "kidding", ".", "You", "know", "how", "sometimes", "you", "just", "become", "this", "\"", "persona", "\"", "?", "And", "y"]}], "tokens": ["I'm", "kidding", ".", "You", "know", "how", "sometimes", "you", "just", "become", "this", "\"", "persona", "\"", "?", "And", "y"]}}'
b'{"id": "L869", "conversation_id": "L866", "text": "Like my fear of wearing pastels?", "speaker": "u0", "meta": {"movie_id": "m0", "parsed": [{"rt": 0, "toks": ["Like", "my", "fear", "of", "wearing", "pastels", "?"]}], "tokens": ["Like", "my", "fear", "of", "wearing", "pastels", "?"]}}'
```

Create formatted data file

For convenience, we'll create a nicely formatted data file in which each line contains a tab-separated *query sentence* and a *response sentence* pair.

The following functions facilitate the parsing of the raw `utterances.jsonl` data file.

- `loadLinesAndConversations` splits each line of the file into a dictionary of lines with fields: `lineID`, `characterID`, and text and then groups them into conversations with fields: `conversationID`, `movieID`, and lines.
- `extractSentencePairs` extracts pairs of sentences from conversations

```
# Splits each line of the file to create lines and conversations
def loadLinesAndConversations(fileName):
    lines = {}
    conversations = {}
    with open(fileName, 'r', encoding='iso-8859-1') as f:
        for line in f:
            lineJson = json.loads(line)
            # Extract fields for line object
            lineObj = {}
            lineObj["lineID"] = lineJson["id"]
            lineObj["characterID"] = lineJson["speaker"]
            lineObj["text"] = lineJson["text"]
            lines[lineObj['lineID']] = lineObj

            # Extract fields for conversation object
            if lineJson["conversation_id"] not in conversations:
                convObj = {}
                convObj["conversationID"] = lineJson["conversation_id"]
                convObj["movieID"] = lineJson["meta"]["movie_id"]
                convObj["lines"] = [lineObj]
            else:
                convObj = conversations[lineJson["conversation_id"]]
                convObj["lines"].insert(0, lineObj)
            conversations[convObj["conversationID"]] = convObj

    return lines, conversations

# Extracts pairs of sentences from conversations
def extractSentencePairs(conversations):
    qa_pairs = []
    for conversation in conversations.values():
        # Iterate over all the lines of the conversation
        for i in range(len(conversation["lines"]) - 1): # We ignore the last line (no answer for it)
            inputLine = conversation["lines"][i]["text"].strip()
            targetLine = conversation["lines"][i+1]["text"].strip()
            # Filter wrong samples (if one of the lists is empty)
            if inputLine and targetLine:
                qa_pairs.append([inputLine, targetLine])
    return qa_pairs
```

Now we'll call these functions and create the file. We'll call it `formatted_movie_lines.txt`.

```
# Define path to new file
datafile = os.path.join(corpus, "formatted_movie_lines.txt")

delimiter = '\t'
# Unescape the delimiter
delimiter = str(codecs.decode(delimiter, "unicode_escape"))

# Initialize lines dict and conversations dict
lines = {}
conversations = {}
# Load lines and conversations
print("\nProcessing corpus into lines and conversations...")
lines, conversations = loadLinesAndConversations(os.path.join(corpus, "utterances.jsonl"))

# Write new csv file
print("\nWriting newly formatted file...")
with open(datafile, 'w', encoding='utf-8') as outputfile:
    writer = csv.writer(outputfile, delimiter=delimiter, lineterminator='\n')
    for pair in extractSentencePairs(conversations):
        writer.writerow(pair)

# Print a sample of lines
print("\nSample lines from file:")
printLines(datafile)
```

```
Processing corpus into lines and conversations...
```

```
Writing newly formatted file...
```

```
Sample lines from file:
```

```
b'They do to!\tThey do not!\n'  
b'She okay?\tI hope so.\n'  
b'Wow\tLet's go.\n'  
b'"I'm kidding. You know how sometimes you just become this ""persona""? And you don't know how to quit?"\tNo\n'  
b'No\tOkay -- you're gonna need to learn how to lie.\n'  
b'I figured you'd get to the good stuff eventually.\tWhat good stuff?\n'  
b'What good stuff?\t"The ""real you"".\n'  
b'"The ""real you"".\tLike my fear of wearing pastels?\n'  
b'do you listen to this crap?\tWhat crap?\n'  
b'What crap?\tMe. This endless ...blonde babble. I'm like, boring myself.\n'
```

✓ Load and trim data

Our next order of business is to create a vocabulary and load query/response sentence pairs into memory.

Note that we are dealing with sequences of **words**, which do not have an implicit mapping to a discrete numerical space. Thus, we must create one by mapping each unique word that we encounter in our dataset to an index value.

For this we define a `Voc` class, which keeps a mapping from words to indexes, a reverse mapping of indexes to words, a count of each word and a total word count. The class provides methods for adding a word to the vocabulary (`addWord`), adding all words in a sentence (`addSentence`) and trimming infrequently seen words (`trim`). More on trimming later.

```
# Default word tokens  
PAD_token = 0 # Used for padding short sentences  
SOS_token = 1 # Start-of-sentence token  
EOS_token = 2 # End-of-sentence token  
  
class Voc:  
    def __init__(self, name):  
        self.name = name  
        self.trimmed = False  
        self.word2index = {}  
        self.word2count = {}  
        self.index2word = {PAD_token: "PAD", SOS_token: "SOS", EOS_token: "EOS"}  
        self.num_words = 3 # Count SOS, EOS, PAD  
  
    def addSentence(self, sentence):  
        for word in sentence.split(' '):  
            self.addWord(word)  
  
    def addWord(self, word):  
        if word not in self.word2index:  
            self.word2index[word] = self.num_words  
            self.word2count[word] = 1  
            self.index2word[self.num_words] = word  
            self.num_words += 1  
        else:  
            self.word2count[word] += 1  
  
    # Remove words below a certain count threshold  
    def trim(self, min_count):  
        if self.trimmed:  
            return  
        self.trimmed = True  
  
        keep_words = []  
  
        for k, v in self.word2count.items():  
            if v >= min_count:  
                keep_words.append(k)  
  
        print('keep_words {} / {} = {:.4f}'.format(  
            len(keep_words), len(self.word2index), len(keep_words) / len(self.word2index)  
        ))  
  
    # Reinitialize dictionaries  
    self.word2index = {}  
    self.word2count = {}  
    self.index2word = {PAD_token: "PAD", SOS_token: "SOS", EOS_token: "EOS"}  
    self.num_words = 3 # Count default tokens  
  
    for word in keep_words:  
        self.addWord(word)
```

Now we can assemble our vocabulary and query/response sentence pairs. Before we are ready to use this data, we must perform some preprocessing.

First, we must convert the Unicode strings to ASCII using `unicodeToAscii`. Next, we should convert all letters to lowercase and trim all non-letter characters except for basic punctuation (`normalizeString`). Finally, to aid in training convergence, we will filter out sentences with length greater than the `MAX_LENGTH` threshold (`filterPairs`).

```
MAX_LENGTH = 10 # Maximum sentence length to consider

# Turn a Unicode string to plain ASCII, thanks to
# https://stackoverflow.com/a/518232/2809427
def unicodeToAscii(s):
    return ''.join(
        c for c in unicodedata.normalize('NFD', s)
        if unicodedata.category(c) != 'Mn'
    )

# Lowercase, trim, and remove non-letter characters
def normalizeString(s):
    s = unicodeToAscii(s.lower().strip())
    s = re.sub(r"([!?\])", r" \1", s)
    s = re.sub(r"^[^a-zA-Z.!?\)]+", r" ", s)
    s = re.sub(r"\s+", r" ", s).strip()
    return s

# Read query/response pairs and return a voc object
def readVocs(datafile, corpus_name):
    print("Reading lines...")
    # Read the file and split into lines
    lines = open(datafile, encoding='utf-8').\
        read().strip().split('\n')
    # Split every line into pairs and normalize
    pairs = [[normalizeString(s) for s in l.split('\t')] for l in lines]
    voc = Voc(corpus_name)
    return voc, pairs

# Returns True if both sentences in a pair 'p' are under the MAX_LENGTH threshold
def filterPair(p):
    # Input sequences need to preserve the last word for EOS token
    return len(p[0].split(' ')) < MAX_LENGTH and len(p[1].split(' ')) < MAX_LENGTH

# Filter pairs using the ``filterPair`` condition
def filterPairs(pairs):
    return [pair for pair in pairs if filterPair(pair)]

# Using the functions defined above, return a populated voc object and pairs list
def loadPrepareData(corpus, corpus_name, datafile, save_dir):
    print("Start preparing training data ...")
    voc, pairs = readVocs(datafile, corpus_name)
    print("Read {!s} sentence pairs".format(len(pairs)))
    pairs = filterPairs(pairs)
    print("Trimmed to {!s} sentence pairs".format(len(pairs)))
    print("Counting words...")
    for pair in pairs:
        voc.addSentence(pair[0])
        voc.addSentence(pair[1])
    print("Counted words:", voc.num_words)
    return voc, pairs

# Load/Assemble voc and pairs
save_dir = os.path.join("data", "save")
voc, pairs = loadPrepareData(corpus, corpus_name, datafile, save_dir)
# Print some pairs to validate
print("\npairs:")
for pair in pairs[:10]:
    print(pair)
```

```
Start preparing training data ...
Reading lines...
Read 221282 sentence pairs
Trimmed to 64313 sentence pairs
Counting words...
Counted words: 18082
```

```
pairs:
['they do to !', 'they do not !']
['she okay ?', 'i hope so .']
['wow', 'let s go .']
['what good stuff ?', 'the real you .']
['the real you .', 'like my fear of wearing pastels ?']
['do you listen to this crap ?', 'what crap ?']
```

```
['well no . . .', 'then that s all you had to say .']  
['then that s all you had to say .', 'but']  
['but', 'you always been this selfish ?']  
['have fun tonight ?', 'tons']
```

Another tactic that is beneficial to achieving faster convergence during training is trimming rarely used words out of our vocabulary. Decreasing the feature space will also soften the difficulty of the function that the model must learn to approximate. We will do this as a two-step process:

1. Trim words used under `MIN_COUNT` threshold using the `voc.trim` function.
2. Filter out pairs with trimmed words.

```
MIN_COUNT = 3    # Minimum word count threshold for trimming  
  
def trimRareWords(voc, pairs, MIN_COUNT):  
    # Trim words used under the MIN_COUNT from the voc  
    voc.trim(MIN_COUNT)  
    # Filter out pairs with trimmed words  
    keep_pairs = []  
    for pair in pairs:  
        input_sentence = pair[0]  
        output_sentence = pair[1]  
        keep_input = True  
        keep_output = True  
        # Check input sentence  
        for word in input_sentence.split(' '):  
            if word not in voc.word2index:  
                keep_input = False  
                break  
        # Check output sentence  
        for word in output_sentence.split(' '):  
            if word not in voc.word2index:  
                keep_output = False  
                break  
  
        # Only keep pairs that do not contain trimmed word(s) in their input or output sentence  
        if keep_input and keep_output:  
            keep_pairs.append(pair)  
  
    print("Trimmed from {} pairs to {}, {:.4f} of total".format(len(pairs), len(keep_pairs), len(keep_pairs) / len(pairs)))  
    return keep_pairs  
  
# Trim voc and pairs  
pairs = trimRareWords(voc, pairs, MIN_COUNT)  
  
keep_words 7833 / 18079 = 0.4333  
Trimmed from 64313 pairs to 53131, 0.8261 of total
```

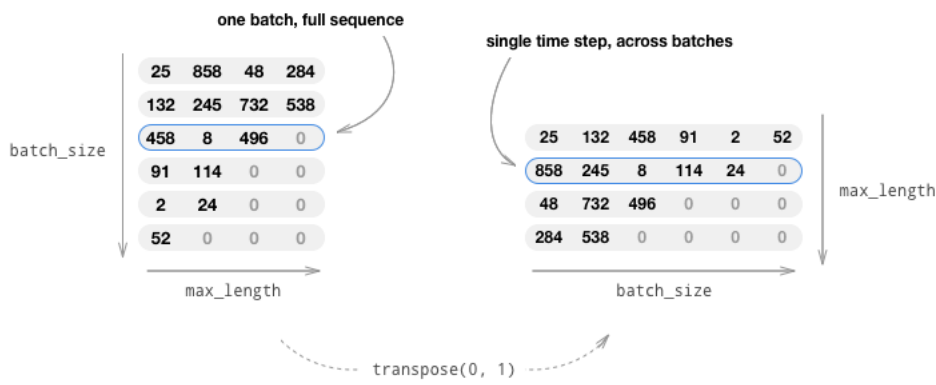
✓ Prepare Data for Models

Although we have put a great deal of effort into preparing and massaging our data into a nice vocabulary object and list of sentence pairs, our models will ultimately expect numerical torch tensors as inputs. One way to prepare the processed data for the models can be found in the [seq2seq translation tutorial](#). In that tutorial, we use a batch size of 1, meaning that all we have to do is convert the words in our sentence pairs to their corresponding indexes from the vocabulary and feed this to the models.

However, if you're interested in speeding up training and/or would like to leverage GPU parallelization capabilities, you will need to train with mini-batches.

Using mini-batches also means that we must be mindful of the variation of sentence length in our batches. To accommodate sentences of different sizes in the same batch, we will make our batched input tensor of shape *(max_length, batch_size)*, where sentences shorter than the *max_length* are zero padded after an *EOS_token*.

If we simply convert our English sentences to tensors by converting words to their indexes(`indexesFromSentence`) and zero-pad, our tensor would have shape *(batch_size, max_length)* and indexing the first dimension would return a full sequence across all time-steps. However, we need to be able to index our batch along time, and across all sequences in the batch. Therefore, we transpose our input batch shape to *(max_length, batch_size)*, so that indexing across the first dimension returns a time step across all sentences in the batch. We handle this transpose implicitly in the `zeroPadding` function.



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The `inputVar` function handles the process of converting sentences to tensor, ultimately creating a correctly shaped zero-padded tensor. It also returns a tensor of `lengths` for each of the sequences in the batch which will be passed to our decoder later.

The `outputVar` function performs a similar function to `inputVar`, but instead of returning a `lengths` tensor, it returns a binary mask tensor and a maximum target sentence length. The binary mask tensor has the same shape as the output target tensor, but every element that is a `PAD_token` is 0 and all others are 1.

`batch2TrainData` simply takes a bunch of pairs and returns the input and target tensors using the aforementioned functions.

```
def indexesFromSentence(voc, sentence):
    return [voc.word2index[word] for word in sentence.split(' ')] + [EOS_token]

def zeroPadding(l, fillvalue=PAD_token):
    return list(itertools.zip_longest(*l, fillvalue=fillvalue))

def binaryMatrix(l, value=PAD_token):
    m = []
    for i, seq in enumerate(l):
        m.append([])
        for token in seq:
            if token == PAD_token:
                m[i].append(0)
            else:
                m[i].append(1)
    return m

# Returns padded input sequence tensor and lengths
def inputVar(l, voc):
    indexes_batch = [indexesFromSentence(voc, sentence) for sentence in l]
    lengths = torch.tensor([len(indexes) for indexes in indexes_batch])
    padList = zeroPadding(indexes_batch)
    padVar = torch.LongTensor(padList)
    return padVar, lengths

# Returns padded target sequence tensor, padding mask, and max target length
def outputVar(l, voc):
    indexes_batch = [indexesFromSentence(voc, sentence) for sentence in l]
    max_target_len = max([len(indexes) for indexes in indexes_batch])
    padList = zeroPadding(indexes_batch)
    mask = binaryMatrix(padList)
    mask = torch.BoolTensor(mask)
    padVar = torch.LongTensor(padList)
    return padVar, mask, max_target_len

# Returns all items for a given batch of pairs
def batch2TrainData(voc, pair_batch):
    pair_batch.sort(key=lambda x: len(x[0].split(" ")), reverse=True)
    input_batch, output_batch = [], []
    for pair in pair_batch:
        input_batch.append(pair[0])
        output_batch.append(pair[1])
    inp, lengths = inputVar(input_batch, voc)
    output, mask, max_target_len = outputVar(output_batch, voc)
    return inp, lengths, output, mask, max_target_len

# Example for validation
small_batch_size = 5
batches = batch2TrainData(voc, [random.choice(pairs) for _ in range(small_batch_size)])
input_variable, lengths, target_variable, mask, max_target_len = batches

print("input_variable:", input_variable)
print("lengths:", lengths)
print("target_variable:", target_variable)
```

```

print("mask:", mask)
print("max_target_len:", max_target_len)

input_variable: tensor([[ 19,  4, 11, 19, 1120],
 [ 17, 24, 266,  4, 14],
 [ 22, 539, 135, 24,  2],
 [1285, 5591,  4, 83,  0],
 [ 28, 5592,  85, 10,  0],
 [4102, 10, 14,  2,  0],
 [ 31,  2,  2,  0,  0],
 [ 10,  0,  0,  0,  0],
 [  2,  0,  0,  0,  0]])
lengths: tensor([9, 7, 7, 6, 3])
target_variable: tensor([[ 36, 11, 5847, 33, 665],
 [ 17, 113,  4, 85, 10],
 [4100, 1023, 19, 90, 24],
 [ 14,  85, 895, 62, 355],
 [ 36, 1120, 5811, 3135, 42],
 [ 17, 263, 10, 3126, 1668],
 [ 254, 2560,  2, 14, 10],
 [3814, 14,  0,  2,  2],
 [ 14,  2,  0,  0,  0],
 [  2,  0,  0,  0,  0]])
mask: tensor([[ True,  True,  True,  True,  True],
 [ True,  True,  True,  True,  True],
 [ True,  True,  True,  True,  True],
 [ True,  True,  True,  True,  True],
 [ True,  True,  True,  True,  True],
 [ True,  True,  True,  True,  True],
 [ True,  True,  True,  True,  True],
 [ True,  True, False,  True,  True],
 [ True,  True, False, False, False],
 [ True, False, False, False, False]])
max_target_len: 10

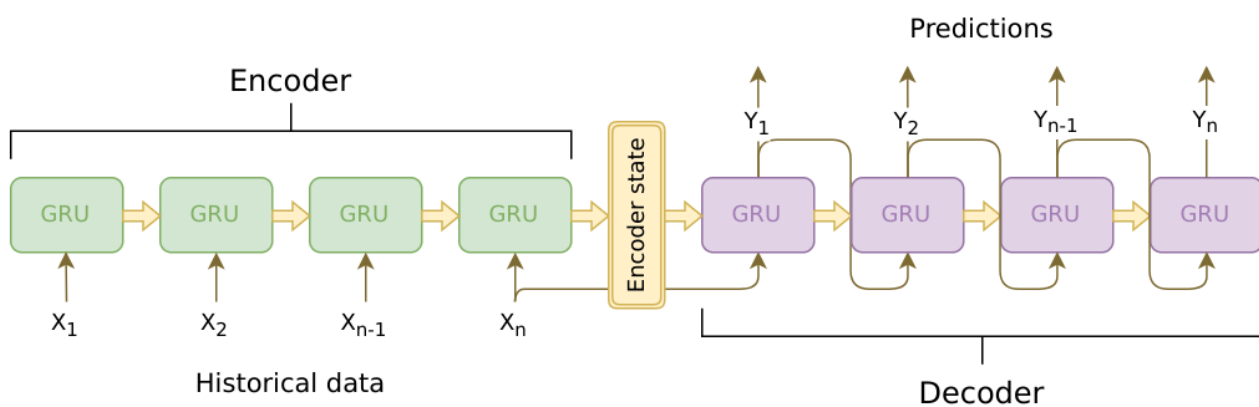
```

Define Models

Seq2Seq Model

The brains of our chatbot is a sequence-to-sequence (seq2seq) model. The goal of a seq2seq model is to take a variable-length sequence as an input, and return a variable-length sequence as an output using a fixed-sized model.

[Sutskever et al.](#) discovered that by using two separate recurrent neural nets together, we can accomplish this task. One RNN acts as an **encoder**, which encodes a variable length input sequence to a fixed-length context vector. In theory, this context vector (the final hidden layer of the RNN) will contain semantic information about the query sentence that is input to the bot. The second RNN is a **decoder**, which takes an input word and the context vector, and returns a guess for the next word in the sequence and a hidden state to use in the next iteration.



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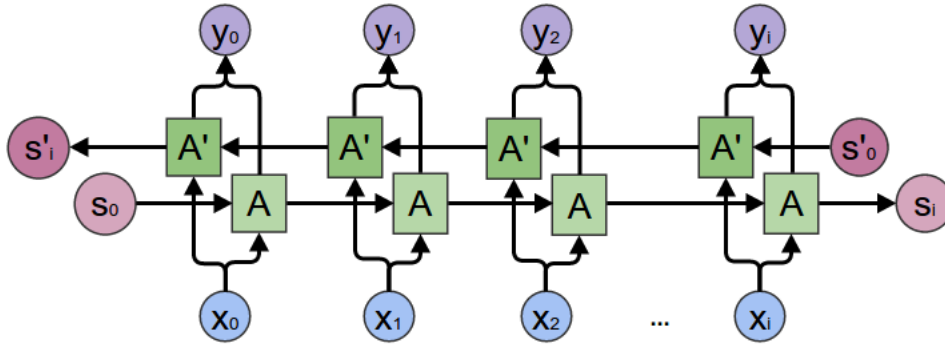
Image source: https://jeddy92.github.io/JEddy92.github.io/ts_seq2seq_intro/

Encoder

The encoder RNN iterates through the input sentence one token (e.g. word) at a time, at each time step outputting an "output" vector and a "hidden state" vector. The hidden state vector is then passed to the next time step, while the output vector is recorded. The encoder transforms the context it saw at each point in the sequence into a set of points in a high-dimensional space, which the decoder will use to generate a meaningful output for the given task.

At the heart of our encoder is a multi-layered Gated Recurrent Unit, invented by [Cho et al.](#) in 2014. We will use a bidirectional variant of the GRU, meaning that there are essentially two independent RNNs: one that is fed the input sequence in normal sequential order, and one that is fed the input sequence in reverse order. The outputs of each network are summed at each time step. Using a bidirectional GRU will give us the advantage of encoding both past and future contexts.

Bidirectional RNN:



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Image source: <https://colah.github.io/posts/2015-09-NN-Types-FP/>

Note that an `embedding` layer is used to encode our word indices in an arbitrarily sized feature space. For our models, this layer will map each word to a feature space of size `hidden_size`. When trained, these values should encode semantic similarity between similar meaning words.

Finally, if passing a padded batch of sequences to an RNN module, we must pack and unpack padding around the RNN pass using `nn.utils.rnn.pack_padded_sequence` and `nn.utils.rnn.pad_packed_sequence` respectively.

Computation Graph:

1. Convert word indexes to embeddings.
2. Pack padded batch of sequences for RNN module.
3. Forward pass through GRU.
4. Unpack padding.
5. Sum bidirectional GRU outputs.
6. Return output and final hidden state.

Inputs:

- `input_seq`: batch of input sentences; shape=(`max_length`, `batch_size`)
- `input_lengths`: list of sentence lengths corresponding to each sentence in the batch; shape=(`batch_size`)
- `hidden`: hidden state; shape=(`n_layers x num_directions`, `batch_size`, `hidden_size`)

Outputs:

- `outputs`: output features from the last hidden layer of the GRU (sum of bidirectional outputs); shape=(`max_length`, `batch_size`, `hidden_size`)
- `hidden`: updated hidden state from GRU; shape=(`n_layers x num_directions`, `batch_size`, `hidden_size`)

```
class EncoderRNN(nn.Module):
    def __init__(self, hidden_size, embedding, n_layers=1, dropout=0):
        super(EncoderRNN, self).__init__()
        self.n_layers = n_layers
        self.hidden_size = hidden_size
        self.embedding = embedding

        # Initialize GRU; the input_size and hidden_size parameters are both set to 'hidden_size'
        # because our input size is a word embedding with number of features == hidden_size
        self.gru = nn.GRU(hidden_size, hidden_size, n_layers,
                          dropout=(0 if n_layers == 1 else dropout), bidirectional=True)

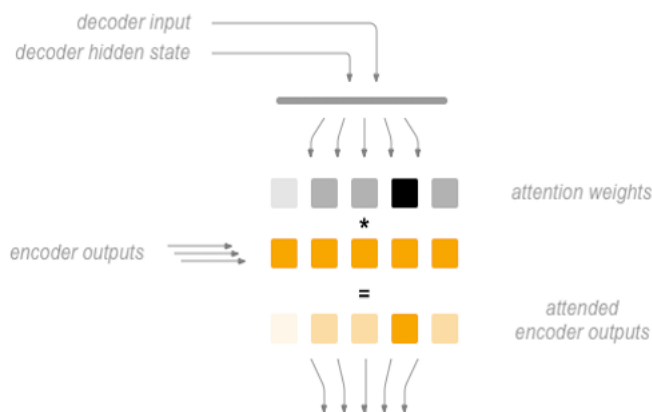
    def forward(self, input_seq, input_lengths, hidden=None):
        # Convert word indexes to embeddings
        embedded = self.embedding(input_seq)
        # Pack padded batch of sequences for RNN module
        packed = nn.utils.rnn.pack_padded_sequence(embedded, input_lengths)
        # Forward pass through GRU
        outputs, hidden = self.gru(packed, hidden)
        # Unpack padding
        outputs, _ = nn.utils.rnn.pad_packed_sequence(outputs)
        # Sum bidirectional GRU outputs
        outputs = outputs[:, :, :self.hidden_size] + outputs[:, :, self.hidden_size:]
        # Return output and final hidden state
        return outputs, hidden
```

Decoder

The decoder RNN generates the response sentence in a token-by-token fashion. It uses the encoder's context vectors, and internal hidden states to generate the next word in the sequence. It continues generating words until it outputs an *EOS_token*, representing the end of the sentence. A common problem with a vanilla seq2seq decoder is that if we rely solely on the context vector to encode the entire input sequence's meaning, it is likely that we will have information loss. This is especially the case when dealing with long input sequences, greatly limiting the capability of our decoder.

To combat this, [Bahdanau et al.](#) created an "attention mechanism" that allows the decoder to pay attention to certain parts of the input sequence, rather than using the entire fixed context at every step.

At a high level, attention is calculated using the decoder's current hidden state and the encoder's outputs. The output attention weights have the same shape as the input sequence, allowing us to multiply them by the encoder outputs, giving us a weighted sum which indicates the parts of encoder output to pay attention to. [Sean Robertson's](#) figure describes this very well:



{.align-center}

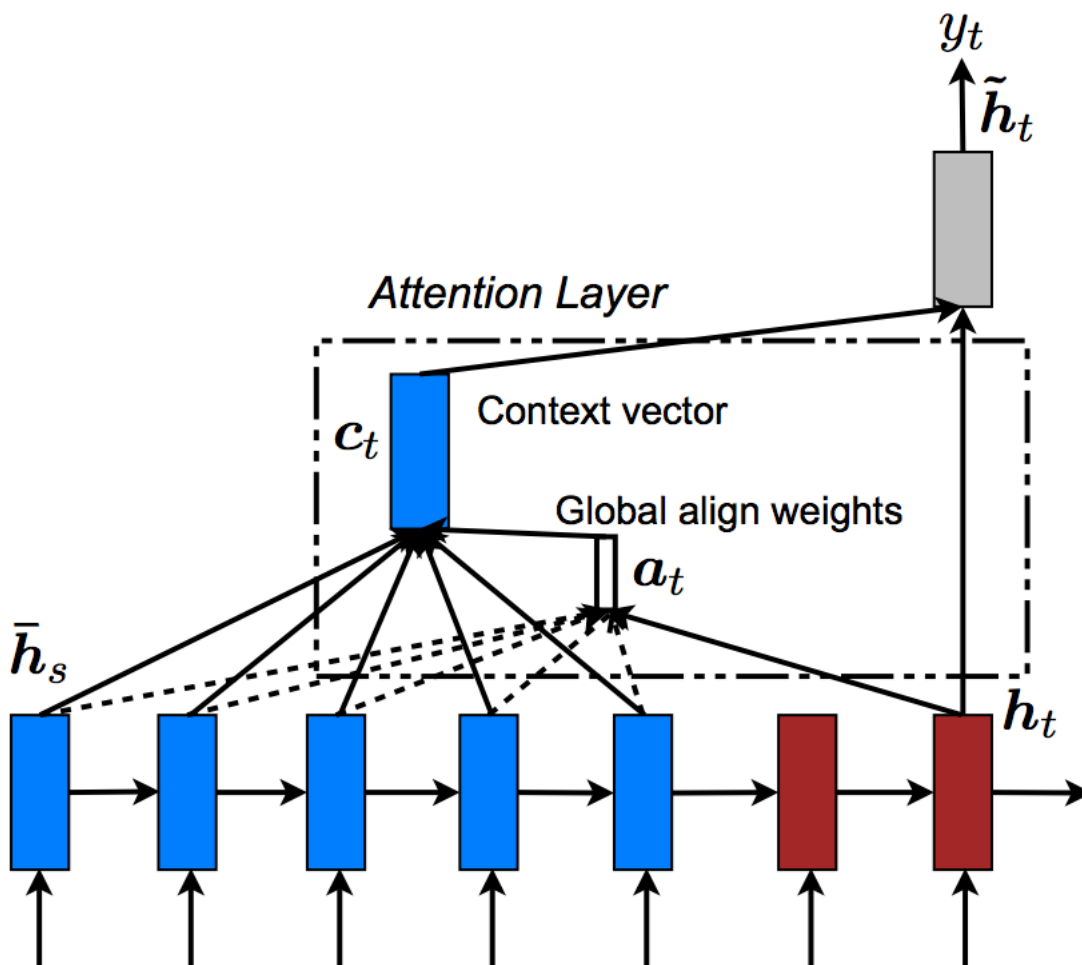
[Luong et al.](#) improved upon Bahdanau et al.'s groundwork by creating "Global attention". The key difference is that with "Global attention", we consider all of the encoder's hidden states, as opposed to Bahdanau et al.'s "Local attention", which only considers the encoder's hidden state from the current time step. Another difference is that with "Global attention", we calculate attention weights, or energies, using the hidden state of the decoder from the current time step only. Bahdanau et al.'s attention calculation requires knowledge of the decoder's state from the previous time step. Also, Luong et al. provides various methods to calculate the attention energies between the encoder output and decoder output which are called "score functions":

$$\text{score}(\mathbf{h}_t, \bar{\mathbf{h}}_s) = \begin{cases} \mathbf{h}_t^\top \bar{\mathbf{h}}_s & \text{dot} \\ \mathbf{h}_t^\top \mathbf{W}_a \bar{\mathbf{h}}_s & \text{general} \\ \mathbf{v}_a^\top \tanh(\mathbf{W}_a [\mathbf{h}_t; \bar{\mathbf{h}}_s]) & \text{concat} \end{cases}$$

{.align-center width="60.0%"}

where \mathbf{h}_t = current target decoder state and $\bar{\mathbf{h}}_s$ = all encoder states.

Overall, the Global attention mechanism can be summarized by the following figure. Note that we will implement the "Attention Layer" as a separate `nn.Module` called `Attn`. The output of this module is a softmax normalized weights tensor of shape $(batch_size, 1, max_length)$.



{.align-

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```
# Luong attention layer
class Attn(nn.Module):
    def __init__(self, method, hidden_size):
        super(Attn, self).__init__()
        self.method = method
        if self.method not in ['dot', 'general', 'concat']:
            raise ValueError(self.method, "is not an appropriate attention method.")
        self.hidden_size = hidden_size
        if self.method == 'general':
            self.attn = nn.Linear(self.hidden_size, hidden_size)
        elif self.method == 'concat':
            self.attn = nn.Linear(self.hidden_size * 2, hidden_size)
            self.v = nn.Parameter(torch.FloatTensor(hidden_size))

    def dot_score(self, hidden, encoder_output):
        return torch.sum(hidden * encoder_output, dim=2)

    def general_score(self, hidden, encoder_output):
        energy = self.attn(encoder_output)
        return torch.sum(hidden * energy, dim=2)

    def concat_score(self, hidden, encoder_output):
        energy = self.attn(torch.cat((hidden.expand(encoder_output.size(0), -1, -1), encoder_output), 2)).tanh())
        return torch.sum(self.v * energy, dim=2)

    def forward(self, hidden, encoder_outputs):
        # Calculate the attention weights (energies) based on the given method
        if self.method == 'general':
            attn_energies = self.general_score(hidden, encoder_outputs)
        elif self.method == 'concat':
            attn_energies = self.concat_score(hidden, encoder_outputs)
        elif self.method == 'dot':
            attn_energies = self.dot_score(hidden, encoder_outputs)

        # Transpose max_length and batch_size dimensions
        attn_energies = attn_energies.t()
```

```
# Return the softmax normalized probability scores (with added dimension)
return F.softmax(attn_energies, dim=1).unsqueeze(1)
```

Now that we have defined our attention submodule, we can implement the actual decoder model. For the decoder, we will manually feed our batch one time step at a time. This means that our embedded word tensor and GRU output will both have shape $(1, batch_size, hidden_size)$.

Computation Graph:

1. Get embedding of current input word.
2. Forward through unidirectional GRU.
3. Calculate attention weights from the current GRU output from (2).
4. Multiply attention weights to encoder outputs to get new "weighted sum" context vector.
5. Concatenate weighted context vector and GRU output using Luong eq. 5.
6. Predict next word using Luong eq. 6 (without softmax).
7. Return output and final hidden state.

Inputs:

- `input_step`: one time step (one word) of input sequence batch; shape= $(1, batch_size)$
- `last_hidden`: final hidden layer of GRU; shape= $(n_layers \times num_directions, batch_size, hidden_size)$
- `encoder_outputs`: encoder model's output; shape= $(max_length, batch_size, hidden_size)$

Outputs:

- `output`: softmax normalized tensor giving probabilities of each word being the correct next word in the decoded sequence; shape= $(batch_size, voc.num_words)$
- `hidden`: final hidden state of GRU; shape= $(n_layers \times num_directions, batch_size, hidden_size)$

```
class LuongAttnDecoderRNN(nn.Module):
    def __init__(self, attn_model, embedding, hidden_size, output_size, n_layers=1, dropout=0.1):
        super(LuongAttnDecoderRNN, self).__init__()

        # Keep for reference
        self.attn_model = attn_model
        self.hidden_size = hidden_size
        self.output_size = output_size
        self.n_layers = n_layers
        self.dropout = dropout

        # Define layers
        self.embedding = embedding
        self.embedding_dropout = nn.Dropout(dropout)
        self.gru = nn.GRU(hidden_size, hidden_size, n_layers, dropout=(0 if n_layers == 1 else dropout))
        self.concat = nn.Linear(hidden_size * 2, hidden_size)
        self.out = nn.Linear(hidden_size, output_size)

        self.attn = Attn(attn_model, hidden_size)

    def forward(self, input_step, last_hidden, encoder_outputs):
        # Note: we run this one step (word) at a time
        # Get embedding of current input word
        embedded = self.embedding(input_step)
        embedded = self.embedding_dropout(embedded)
        # Forward through unidirectional GRU
        rnn_output, hidden = self.gru(embedded, last_hidden)
        # Calculate attention weights from the current GRU output
        attn_weights = self.attn(rnn_output, encoder_outputs)
        # Multiply attention weights to encoder outputs to get new "weighted sum" context vector
        context = attn_weights.bmm(encoder_outputs.transpose(0, 1))
        # Concatenate weighted context vector and GRU output using Luong eq. 5
        rnn_output = rnn_output.squeeze(0)
        context = context.squeeze(1)
        concat_input = torch.cat((rnn_output, context), 1)
        concat_output = torch.tanh(self.concat(concat_input))
        # Predict next word using Luong eq. 6
        output = self.out(concat_output)
        output = F.softmax(output, dim=1)
        # Return output and final hidden state
        return output, hidden
```

✓ Define Training Procedure

Masked loss

Since we are dealing with batches of padded sequences, we cannot simply consider all elements of the tensor when calculating loss. We define `maskNLLLoss` to calculate our loss based on our decoder's output tensor, the target tensor, and a binary mask tensor describing the padding of the target tensor. This loss function calculates the average negative log likelihood of the elements that correspond to a 1 in the mask tensor.

```
def maskNLLLoss(inp, target, mask):
    nTotal = mask.sum()
    crossEntropy = -torch.log(torch.gather(inp, 1, target.view(-1, 1)).squeeze(1))
    loss = crossEntropy.masked_select(mask).mean()
    loss = loss.to(device)
    return loss, nTotal.item()
```

✓ Single training iteration

The `train` function contains the algorithm for a single training iteration (a single batch of inputs).

We will use a couple of clever tricks to aid in convergence:

- The first trick is using **teacher forcing**. This means that at some probability, set by `teacher_forcing_ratio`, we use the current target word as the decoder's next input rather than using the decoder's current guess. This technique acts as training wheels for the decoder, aiding in more efficient training. However, teacher forcing can lead to model instability during inference, as the decoder may not have a sufficient chance to truly craft its own output sequences during training. Thus, we must be mindful of how we are setting the `teacher_forcing_ratio`, and not be fooled by fast convergence.
- The second trick that we implement is **gradient clipping**. This is a commonly used technique for countering the "exploding gradient" problem. In essence, by clipping or thresholding gradients to a maximum value, we prevent the gradients from growing exponentially and either overflow (NaN), or overshoot steep cliffs in the cost function.

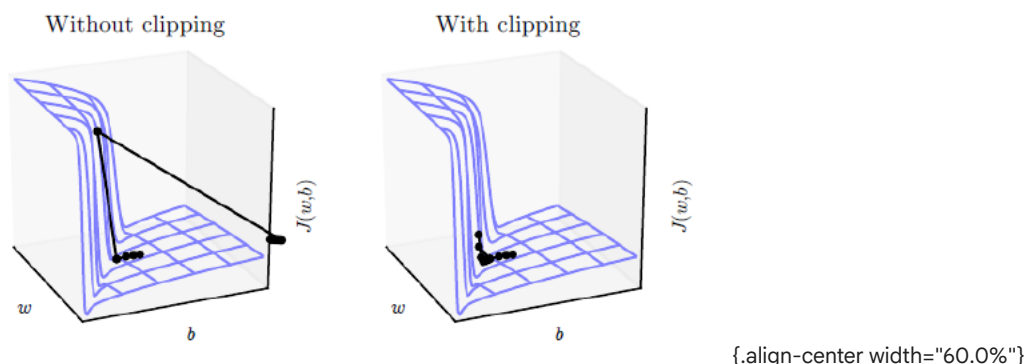


Image source: Goodfellow et al. *Deep Learning*. 2016. <https://www.deeplearningbook.org/>

Sequence of Operations:

1. Forward pass entire input batch through encoder.
2. Initialize decoder inputs as SOS_token, and hidden state as the encoder's final hidden state.
3. Forward input batch sequence through decoder one time step at a time.
4. If teacher forcing: set next decoder input as the current target; else: set next decoder input as current decoder output.
5. Calculate and accumulate loss.
6. Perform backpropagation.
7. Clip gradients.
8. Update encoder and decoder model parameters.

```
def train(input_variable, lengths, target_variable, mask, max_target_len, encoder, decoder, embedding,
          encoder_optimizer, decoder_optimizer, batch_size, clip, max_length=MAX_LENGTH):

    # Zero gradients
    encoder_optimizer.zero_grad()
    decoder_optimizer.zero_grad()

    # Set device options
    input_variable = input_variable.to(device)
    target_variable = target_variable.to(device)
    mask = mask.to(device)
    # Lengths for RNN packing should always be on the CPU
    lengths = lengths.to("cpu")

    # Initialize variables
    loss = 0
    print_losses = []
```

```

n_totals = 0

# Forward pass through encoder
encoder_outputs, encoder_hidden = encoder(input_variable, lengths)

# Create initial decoder input (start with SOS tokens for each sentence)
decoder_input = torch.LongTensor([[SOS_token for _ in range(batch_size)]])
decoder_input = decoder_input.to(device)

# Set initial decoder hidden state to the encoder's final hidden state
decoder_hidden = encoder_hidden[:decoder.n_layers]

# Determine if we are using teacher forcing this iteration
use_teacher_forcing = True if random.random() < teacher_forcing_ratio else False

# Forward batch of sequences through decoder one time step at a time
if use_teacher_forcing:
    for t in range(max_target_len):
        decoder_output, decoder_hidden = decoder(
            decoder_input, decoder_hidden, encoder_outputs
        )
        # Teacher forcing: next input is current target
        decoder_input = target_variable[t].view(1, -1)
        # Calculate and accumulate loss
        mask_loss, nTotal = maskNLLLoss(decoder_output, target_variable[t], mask[t])
        loss += mask_loss
        print_losses.append(mask_loss.item() * nTotal)
        n_totals += nTotal
else:
    for t in range(max_target_len):
        decoder_output, decoder_hidden = decoder(
            decoder_input, decoder_hidden, encoder_outputs
        )
        # No teacher forcing: next input is decoder's own current output
        _, topi = decoder_output.topk(1)
        decoder_input = torch.LongTensor([[topi[i][0] for i in range(batch_size)]])
        decoder_input = decoder_input.to(device)
        # Calculate and accumulate loss
        mask_loss, nTotal = maskNLLLoss(decoder_output, target_variable[t], mask[t])
        loss += mask_loss
        print_losses.append(mask_loss.item() * nTotal)
        n_totals += nTotal

# Perform backpropagation
loss.backward()

# Clip gradients: gradients are modified in place
_ = nn.utils.clip_grad_norm_(encoder.parameters(), clip)
_ = nn.utils.clip_grad_norm_(decoder.parameters(), clip)

# Adjust model weights
encoder_optimizer.step()
decoder_optimizer.step()

return sum(print_losses) / n_totals

```

✓ Training iterations

It is finally time to tie the full training procedure together with the data. The `trainIters` function is responsible for running `n_iterations` of training given the passed models, optimizers, data, etc. This function is quite self explanatory, as we have done the heavy lifting with the `train` function.

One thing to note is that when we save our model, we save a tarball containing the encoder and decoder `state_dicts` (parameters), the optimizers' `state_dicts`, the loss, the iteration, etc. Saving the model in this way will give us the ultimate flexibility with the checkpoint. After loading a checkpoint, we will be able to use the model parameters to run inference, or we can continue training right where we left off.

```

def trainIters(model_name, voc, pairs, encoder, decoder, encoder_optimizer, decoder_optimizer, embedding, encoder_n_layers, decoder_n_layers):
    # Load batches for each iteration
    training_batches = [batch2TrainData(voc, [random.choice(pairs) for _ in range(batch_size)])
                        for _ in range(n_iteration)]

    # Initializations
    print('Initializing ...')
    start_iteration = 1
    print_loss = 0
    if loadFilename:

```

```

start_iteration = checkpoint['iteration'] + 1

# Training loop
print("Training...")
for iteration in range(start_iteration, n_iteration + 1):
    training_batch = training_batches[iteration - 1]
    # Extract fields from batch
    input_variable, lengths, target_variable, mask, max_target_len = training_batch

    # Run a training iteration with batch
    loss = train(input_variable, lengths, target_variable, mask, max_target_len, encoder,
                  decoder, embedding, encoder_optimizer, decoder_optimizer, batch_size, clip)
    print_loss += loss

    # Print progress
    if iteration % print_every == 0:
        print_loss_avg = print_loss / print_every
        print("Iteration: {}; Percent complete: {:.1f}%; Average loss: {:.4f}".format(iteration, iteration / n_iteration * 100,
        print_loss = 0

# Save checkpoint
if (iteration % save_every == 0):
    directory = os.path.join(save_dir, model_name, corpus_name, '{}-{}_{}'.format(encoder_n_layers, decoder_n_layers, hidden
    if not os.path.exists(directory):
        os.makedirs(directory)
    torch.save({
        'iteration': iteration,
        'en': encoder.state_dict(),
        'de': decoder.state_dict(),
        'en_opt': encoder_optimizer.state_dict(),
        'de_opt': decoder_optimizer.state_dict(),
        'loss': loss,
        'voc_dict': voc.__dict__,
        'embedding': embedding.state_dict()
    }, os.path.join(directory, '{}_{}.tar'.format(iteration, 'checkpoint')))

```

▼ Define Evaluation

After training a model, we want to be able to talk to the bot ourselves. First, we must define how we want the model to decode the encoded input.

Greedy decoding

Greedy decoding is the decoding method that we use during training when we are **NOT** using teacher forcing. In other words, for each time step, we simply choose the word from `decoder_output` with the highest softmax value. This decoding method is optimal on a single time-step level.

To facilitate the greedy decoding operation, we define a `GreedySearchDecoder` class. When run, an object of this class takes an input sequence (`input_seq`) of shape (*input_seq length*, 1), a scalar input length (`input_length`) tensor, and a `max_length` to bound the response sentence length. The input sentence is evaluated using the following computational graph:

Computation Graph:

1. Forward input through encoder model.
2. Prepare encoder's final hidden layer to be first hidden input to the decoder.
3. Initialize decoder's first input as SOS_token.
4. Initialize tensors to append decoded words to.
- 5.

Iteratively decode one word token at a time:

- ```

:
 a) Forward pass through decoder.
 b) Obtain most likely word token and its softmax score.
 c) Record token and score.
 d) Prepare current token to be next decoder input.

```

6. Return collections of word tokens and scores.

```

class GreedySearchDecoder(nn.Module):
 def __init__(self, encoder, decoder):
 super(GreedySearchDecoder, self).__init__()
 self.encoder = encoder
 self.decoder = decoder

```

```

def forward(self, input_seq, input_length, max_length):
 # Forward input through encoder model
 encoder_outputs, encoder_hidden = self.encoder(input_seq, input_length)
 # Prepare encoder's final hidden layer to be first hidden input to the decoder
 decoder_hidden = encoder_hidden[:self.decoder.n_layers]
 # Initialize decoder input with SOS_token
 decoder_input = torch.ones(1, 1, device=device, dtype=torch.long) * SOS_token
 # Initialize tensors to append decoded words to
 all_tokens = torch.zeros([0], device=device, dtype=torch.long)
 all_scores = torch.zeros([0], device=device)
 # Iteratively decode one word token at a time
 for _ in range(max_length):
 # Forward pass through decoder
 decoder_output, decoder_hidden = self.decoder(decoder_input, decoder_hidden, encoder_outputs)
 # Obtain most likely word token and its softmax score
 decoder_scores, decoder_input = torch.max(decoder_output, dim=1)
 # Record token and score
 all_tokens = torch.cat((all_tokens, decoder_input), dim=0)
 all_scores = torch.cat((all_scores, decoder_scores), dim=0)
 # Prepare current token to be next decoder input (add a dimension)
 decoder_input = torch.unsqueeze(decoder_input, 0)
 # Return collections of word tokens and scores
 return all_tokens, all_scores

```

## ✓ Evaluate my text

Now that we have our decoding method defined, we can write functions for evaluating a string input sentence. The `evaluate` function manages the low-level process of handling the input sentence. We first format the sentence as an input batch of word indexes with `batch_size==1`. We do this by converting the words of the sentence to their corresponding indexes, and transposing the dimensions to prepare the tensor for our models. We also create a `lengths` tensor which contains the length of our input sentence. In this case, `lengths` is scalar because we are only evaluating one sentence at a time (`batch_size==1`). Next, we obtain the decoded response sentence tensor using our `GreedySearchDecoder` object (`searcher`). Finally, we convert the response's indexes to words and return the list of decoded words.

`evaluateInput` acts as the user interface for our chatbot. When called, an input text field will spawn in which we can enter our query sentence. After typing our input sentence and pressing *Enter*, our text is normalized in the same way as our training data, and is ultimately fed to the `evaluate` function to obtain a decoded output sentence. We loop this process, so we can keep chatting with our bot until we enter either "q" or "quit".

Finally, if a sentence is entered that contains a word that is not in the vocabulary, we handle this gracefully by printing an error message and prompting the user to enter another sentence.

```

def evaluate(encoder, decoder, searcher, voc, sentence, max_length=MAX_LENGTH):
 ### Format input sentence as a batch
 # words -> indexes
 indexes_batch = [indexesFromSentence(voc, sentence)]
 # Create lengths tensor
 lengths = torch.tensor([len(indexes) for indexes in indexes_batch])
 # Transpose dimensions of batch to match models' expectations
 input_batch = torch.LongTensor(indexes_batch).transpose(0, 1)
 # Use appropriate device
 input_batch = input_batch.to(device)
 lengths = lengths.to("cpu")
 # Decode sentence with searcher
 tokens, scores = searcher(input_batch, lengths, max_length)
 # indexes -> words
 decoded_words = [voc.index2word[token.item()] for token in tokens]
 return decoded_words

def evaluateInput(encoder, decoder, searcher, voc):
 input_sentence = ''
 while(1):
 try:
 # Get input sentence
 input_sentence = input('> ')
 # Check if it is quit case
 if input_sentence == 'q' or input_sentence == 'quit': break
 # Normalize sentence
 input_sentence = normalizeString(input_sentence)
 # Evaluate sentence
 output_words = evaluate(encoder, decoder, searcher, voc, input_sentence)
 # Format and print response sentence
 output_words[:] = [x for x in output_words if not (x == 'EOS' or x == 'PAD')]
 print('Bot:', ' '.join(output_words))

```



```
except KeyError:
 print("Error: Encountered unknown word.")
```

## Run Model

Finally, it is time to run our model!

Regardless of whether we want to train or test the chatbot model, we must initialize the individual encoder and decoder models. In the following block, we set our desired configurations, choose to start from scratch or set a checkpoint to load from, and build and initialize the models. Feel free to play with different model configurations to optimize performance.

```
Configure models
model_name = 'cb_model'
#attn_model = 'dot'
#attn_model = 'general'
attn_model = 'concat'
hidden_size = 500
encoder_n_layers = 2
decoder_n_layers = 2
dropout = 0.1
batch_size = 64

Set checkpoint to load from; set to None if starting from scratch
loadFilename = None
checkpoint_iter = 4000
```

Sample code to load from a checkpoint:

```
loadFilename = os.path.join(save_dir, model_name, corpus_name,
 '{}-{}_{}'.format(encoder_n_layers, decoder_n_layers, hidden_size),
 '{}_checkpoint.tar'.format(checkpoint_iter))
```

```
Load model if a ``loadFilename`` is provided
if loadFilename:
 # If loading on same machine the model was trained on
 checkpoint = torch.load(loadFilename)
 # If loading a model trained on GPU to CPU
 #checkpoint = torch.load(loadFilename, map_location=torch.device('cpu'))
 encoder_sd = checkpoint['en']
 decoder_sd = checkpoint['de']
 encoder_optimizer_sd = checkpoint['en_opt']
 decoder_optimizer_sd = checkpoint['de_opt']
 embedding_sd = checkpoint['embedding']
 voc.__dict__ = checkpoint['voc_dict']

print('Building encoder and decoder ...')
Initialize word embeddings
embedding = nn.Embedding(voc.num_words, hidden_size)
if loadFilename:
 embedding.load_state_dict(embedding_sd)
Initialize encoder & decoder models
encoder = EncoderRNN(hidden_size, embedding, encoder_n_layers, dropout)
decoder = LuongAttnDecoderRNN(attn_model, embedding, hidden_size, voc.num_words, decoder_n_layers, dropout)
if loadFilename:
 encoder.load_state_dict(encoder_sd)
 decoder.load_state_dict(decoder_sd)
Use appropriate device
encoder = encoder.to(device)
decoder = decoder.to(device)
print('Models built and ready to go!')
```

```
Building encoder and decoder ...
Models built and ready to go!
```

## Run Training

Run the following block if you want to train the model.

First we set training parameters, then we initialize our optimizers, and finally we call the `trainIters` function to run our training iterations.

```

Configure training/optimization
clip = 50.0
teacher_forcing_ratio = 1.0
learning_rate = 0.0001
decoder_learning_ratio = 5.0
n_iteration = 4000
print_every = 1
save_every = 500

Ensure dropout layers are in train mode
encoder.train()
decoder.train()

Initialize optimizers
print('Building optimizers ...')
encoder_optimizer = optim.Adam(encoder.parameters(), lr=learning_rate)
decoder_optimizer = optim.Adam(decoder.parameters(), lr=learning_rate * decoder_learning_ratio)
if loadFilename:
 encoder_optimizer.load_state_dict(encoder_optimizer_sd)
 decoder_optimizer.load_state_dict(decoder_optimizer_sd)

If you have an accelerator, configure it to call
for state in encoder_optimizer.state.values():
 for k, v in state.items():
 if isinstance(v, torch.Tensor):
 state[k] = v.to(device)

for state in decoder_optimizer.state.values():
 for k, v in state.items():
 if isinstance(v, torch.Tensor):
 state[k] = v.to(device)

Run training iterations
print("Starting Training!")
trainIters(model_name, voc, pairs, encoder, decoder, encoder_optimizer, decoder_optimizer,
 embedding, encoder_n_layers, decoder_n_layers, save_dir, n_iteration, batch_size,
 print_every, save_every, clip, corpus_name, loadFilename)

```

```
Iteration: 3992; Percent complete: 99.8%; Average loss: 2.6643
Iteration: 3993; Percent complete: 99.8%; Average loss: 2.6558
Iteration: 3994; Percent complete: 99.9%; Average loss: 2.6179
Iteration: 3995; Percent complete: 99.9%; Average loss: 2.6999
Iteration: 3996; Percent complete: 99.9%; Average loss: 2.8844
Iteration: 3997; Percent complete: 99.9%; Average loss: 2.7582
Iteration: 3998; Percent complete: 100.0%; Average loss: 2.4414
Iteration: 3999; Percent complete: 100.0%; Average loss: 2.7325
Iteration: 4000; Percent complete: 100.0%; Average loss: 2.8038
```

## ✓ Run Evaluation

To chat with your model, run the following block.

```
Set dropout layers to ``eval`` mode
encoder.eval()
decoder.eval()

Initialize search module
searcher = GreedySearchDecoder(encoder, decoder)

Begin chatting (uncomment and run the following line to begin)
evaluateInput(encoder, decoder, searcher, voc)

> hi
Bot: hi . ? ? ? ?
> what color is the sky?
Bot: it s not closing . . .
> what city is the capital of France?
Bot: it s not closing . . .
> what color is the sun?
Bot: it s a jerk . . .
> okay
Bot: what ? ? ? ? ?
> quit
```

## ✓ Conclusion

That's all for this one, folks. Congratulations, you now know the fundamentals to building a generative chatbot model! If you're interested, you can try tailoring the chatbot's behavior by tweaking the model and training parameters and customizing the data that you train the model on.

Check out the other tutorials for more cool deep learning applications in PyTorch!

```
!pip install wandb --upgrade
```

```
import wandb
```

```
wandb.login()
```

```
Requirement already satisfied: wandb in /usr/local/lib/python3.12/dist-packages (0.22.0)
Requirement already satisfied: click>=8.0.1 in /usr/local/lib/python3.12/dist-packages (from wandb) (8.2.1)
Requirement already satisfied: gitpython!=3.1.29,>=1.0.0 in /usr/local/lib/python3.12/dist-packages (from wandb) (3.1.45)
Requirement already satisfied: packaging in /usr/local/lib/python3.12/dist-packages (from wandb) (25.0)
Requirement already satisfied: platformdirs in /usr/local/lib/python3.12/dist-packages (from wandb) (4.4.0)
Requirement already satisfied: protobuf!=4.21.0,!<5.28.0,<7,>=3.19.0 in /usr/local/lib/python3.12/dist-packages (from wandb) (5.29.5)
Requirement already satisfied: pydantic<3 in /usr/local/lib/python3.12/dist-packages (from wandb) (2.11.9)
Requirement already satisfied: pyyaml in /usr/local/lib/python3.12/dist-packages (from wandb) (6.0.2)
Requirement already satisfied: requests<3,>=2.0.0 in /usr/local/lib/python3.12/dist-packages (from wandb) (2.32.4)
Requirement already satisfied: sentry-sdk>=2.0.0 in /usr/local/lib/python3.12/dist-packages (from wandb) (2.38.0)
Requirement already satisfied: typing-extensions<5,>=4.8 in /usr/local/lib/python3.12/dist-packages (from wandb) (4.15.0)
Requirement already satisfied: gitdb<5,>=4.0.1 in /usr/local/lib/python3.12/dist-packages (from gitpython!=3.1.29,>=1.0.0->wandb) (4.0.10)
Requirement already satisfied: annotated-types>=0.6.0 in /usr/local/lib/python3.12/dist-packages (from pydantic<3->wandb) (0.7.0)
Requirement already satisfied: pydantic-core==2.33.2 in /usr/local/lib/python3.12/dist-packages (from pydantic<3->wandb) (2.33.2)
Requirement already satisfied: typing-inspection>=0.4.0 in /usr/local/lib/python3.12/dist-packages (from pydantic<3->wandb) (0.4.1)
Requirement already satisfied: charset-normalizer<4,>=2 in /usr/local/lib/python3.12/dist-packages (from requests<3,>=2.0.0->wandb) (3.4.0)
Requirement already satisfied: idna<4,>=2.5 in /usr/local/lib/python3.12/dist-packages (from requests<3,>=2.0.0->wandb) (3.10)
Requirement already satisfied: urllib3<3,>=1.21.1 in /usr/local/lib/python3.12/dist-packages (from requests<3,>=2.0.0->wandb) (2.5.0)
Requirement already satisfied: certifi>=2017.4.17 in /usr/local/lib/python3.12/dist-packages (from requests<3,>=2.0.0->wandb) (2025.8.3)
Requirement already satisfied: smmap<6,>=3.0.1 in /usr/local/lib/python3.12/dist-packages (from gitdb<5,>=4.0.1->gitpython!=3.1.29,>=1.0.0->wandb) (5.0.0)
wandb: Currently logged in as: pkh2120 (pkh2120-columbia-university) to https://api.wandb.ai. Use `wandb login --relogin` to force relogin
True
```

```
def trainIters(model_name, voc, pairs, encoder, decoder, encoder_optimizer, decoder_optimizer, embedding, encoder_n_layers, decoder_n_layers):

 # Load batches for each iteration
 training_batches = [batch2TrainData(voc, [random.choice(pairs) for _ in range(batch_size)]) for _ in range(n_iteration)]

 # Initializations
```

```

print('Initializing .:')
start_iteration = 1
print_loss = 0
cumu_loss = 0
if loadFilename:
 start_iteration = checkpoint['iteration'] + 1

Training loop
print("Training...")
for iteration in range(start_iteration, n_iteration + 1):
 training_batch = training_batches[iteration - 1]
 # Extract fields from batch
 input_variable, lengths, target_variable, mask, max_target_len = training_batch

 # Run a training iteration with batch
 loss = train(input_variable, lengths, target_variable, mask, max_target_len, encoder,
 decoder, embedding, encoder_optimizer, decoder_optimizer, batch_size, clip)
 print_loss += loss
 cumu_loss += loss

 wandb.log({"batch loss": print_loss})

 # Print progress
 if iteration % print_every == 0:
 print_loss_avg = print_loss / print_every
 print("Iteration: {}; Percent complete: {:.1f}%; Average loss: {:.4f}".format(iteration, iteration / n_iteration * 100,
 print_loss = 0

 # Save checkpoint
 if (iteration % save_every == 0):
 directory = os.path.join(save_dir, model_name, corpus_name, '{}-{}_{}'.format(encoder_n_layers, decoder_n_layers, hidden
 if not os.path.exists(directory):
 os.makedirs(directory)
 torch.save({
 'iteration': iteration,
 'en': encoder.state_dict(),
 'de': decoder.state_dict(),
 'en_opt': encoder_optimizer.state_dict(),
 'de_opt': decoder_optimizer.state_dict(),
 'loss': loss,
 'voc_dict': voc.__dict__,
 'embedding': embedding.state_dict()
 }, os.path.join(directory, '{}_{}.tar'.format(iteration, 'checkpoint')))

return cumu_loss / (n_iteration - start_iteration + 1)

```

```

sweep_config = {
 'method': 'random'
}

metric = {
 "name": "loss",
 "goal": "minimize"
}
sweep_config["metric"] = metric

parameters_dict = {
 'learning_rate': {
 'values': [0.0001, 0.00025, 0.0005, 0.001]
 },
 'optimizer': {
 'values': ['adam', 'sgd']
 },
 'clip': {
 'values': [0, 25, 50, 100]
 },
 'teacher_forcing_ratio': {
 'values': [0, 0.5, 1.0]
 },
 'decoder_learning_ratio': {
 'values': [1.0, 3.0, 5.0, 10.0]
 }
}
sweep_config["parameters"] = parameters_dict

```

```
sweep_id = wandb.sweep(sweep_config, project="coms6998-hw1-sweeps")
```

Create sweep with ID: jvrgq7ty

Sweep URL: <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps/sweeps/jvrgq7ty>

```

teacher_forcing_ratio = 1.0
epoch = 1
def trainSweeps(config=None):
 # Initialize a new wandb run
 with wandb.init(config=config):
 config = wandb.config

 # Configure training/optimization
 clip = config.clip
 teacher_forcing_ratio = config.teacher_forcing_ratio
 learning_rate = config.learning_rate
 decoder_learning_ratio = config.decoder_learning_ratio

 n_iteration = 4000
 print_every = 1
 save_every = 500

 # Ensure dropout layers are in train mode
 encoder.train()
 decoder.train()

 # Initialize optimizers
 print('Building optimizers ...')
 if config.optimizer == "sgd":
 encoder_optimizer = optim.SGD(encoder.parameters(), lr=learning_rate)
 decoder_optimizer = optim.SGD(decoder.parameters(), lr=learning_rate * decoder_learning_ratio)
 elif config.optimizer == "adam":
 encoder_optimizer = optim.Adam(encoder.parameters(), lr=learning_rate)
 decoder_optimizer = optim.Adam(decoder.parameters(), lr=learning_rate * decoder_learning_ratio)

 if loadFilename:
 encoder_optimizer.load_state_dict(encoder_optimizer_sd)
 decoder_optimizer.load_state_dict(decoder_optimizer_sd)

 # If you have an accelerator, configure it to call
 for state in encoder_optimizer.state.values():
 for k, v in state.items():
 if isinstance(v, torch.Tensor):
 state[k] = v.to(device)

 for state in decoder_optimizer.state.values():
 for k, v in state.items():
 if isinstance(v, torch.Tensor):
 state[k] = v.to(device)

 # Run training iterations
 print("Starting Training!")
 avg_loss = trainIters(model_name, voc, pairs, encoder, decoder, encoder_optimizer, decoder_optimizer,
 embedding, encoder_n_layers, decoder_n_layers, save_dir, n_iteration, batch_size,
 print_every, save_every, clip, corpus_name, loadFilename)

 global epoch
 wandb.log({"loss": avg_loss, "epoch": epoch})
 epoch += 1

wandb.agent(sweep_id, trainSweeps, count=15)
wandb.finish()

```



wandb: Agent Starting Run: uu42jvew with config:  
wandb: clip: 50  
wandb: decoder\_learning\_ratio: 5  
wandb: learning\_rate: 0.00025  
wandb: optimizer: sgd  
wandb: teacher\_forcing\_ratio: 0  
Tracking run with wandb version 0.22.0  
Run data is saved locally in /content/wandb/run-20250928\_211608-uu42jvew  
Syncing run [comic-sweep-1](https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps/jvrgg7ty) to [Weights & Biases \(docs\)](#)  
Sweep page: <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps/jvrgg7ty>  
View project at <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps>  
View sweep at <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps/jvrgg7ty>  
View run at <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps/runs/uu42jvew>  
Building optimizers ...  
Starting Training!  
Initializing ...  
Training...  
Iteration: 1; Percent complete: 0.0%; Average loss: 2.5605  
Iteration: 2; Percent complete: 0.1%; Average loss: 2.5628  
Iteration: 3; Percent complete: 0.1%; Average loss: 2.6152  
Iteration: 4; Percent complete: 0.1%; Average loss: 2.7835  
Iteration: 5; Percent complete: 0.1%; Average loss: 2.6430  
Iteration: 6; Percent complete: 0.1%; Average loss: 2.6865  
Iteration: 7; Percent complete: 0.2%; Average loss: 2.6597  
Iteration: 8; Percent complete: 0.2%; Average loss: 2.5350  
Iteration: 9; Percent complete: 0.2%; Average loss: 2.6174  
Iteration: 10; Percent complete: 0.2%; Average loss: 2.6583  
Iteration: 11; Percent complete: 0.3%; Average loss: 2.6173  
Iteration: 12; Percent complete: 0.3%; Average loss: 2.5831  
Iteration: 13; Percent complete: 0.3%; Average loss: 2.6615  
Iteration: 14; Percent complete: 0.4%; Average loss: 2.6048  
Iteration: 15; Percent complete: 0.4%; Average loss: 2.5301  
Iteration: 16; Percent complete: 0.4%; Average loss: 2.6564  
Iteration: 17; Percent complete: 0.4%; Average loss: 2.7468  
Iteration: 18; Percent complete: 0.4%; Average loss: 2.5997  
Iteration: 19; Percent complete: 0.5%; Average loss: 2.5074  
Iteration: 20; Percent complete: 0.5%; Average loss: 2.8868  
Iteration: 21; Percent complete: 0.5%; Average loss: 2.8342  
Iteration: 22; Percent complete: 0.5%; Average loss: 2.6003  
Iteration: 23; Percent complete: 0.6%; Average loss: 2.9830  
Iteration: 24; Percent complete: 0.6%; Average loss: 2.4896  
Iteration: 25; Percent complete: 0.6%; Average loss: 2.7902  
Iteration: 26; Percent complete: 0.7%; Average loss: 2.7160  
Iteration: 27; Percent complete: 0.7%; Average loss: 2.6718  
Iteration: 28; Percent complete: 0.7%; Average loss: 2.6839  
Iteration: 29; Percent complete: 0.7%; Average loss: 2.4890  
Iteration: 30; Percent complete: 0.8%; Average loss: 2.5525  
Iteration: 31; Percent complete: 0.8%; Average loss: 2.7439  
Iteration: 32; Percent complete: 0.8%; Average loss: 2.6179  
Iteration: 33; Percent complete: 0.8%; Average loss: 2.2766  
Iteration: 34; Percent complete: 0.9%; Average loss: 2.5954  
Iteration: 35; Percent complete: 0.9%; Average loss: 2.6702  
Iteration: 36; Percent complete: 0.9%; Average loss: 2.8047  
Iteration: 37; Percent complete: 0.9%; Average loss: 2.6813  
Iteration: 38; Percent complete: 0.9%; Average loss: 2.8772  
Iteration: 39; Percent complete: 1.0%; Average loss: 2.7650  
Iteration: 40; Percent complete: 1.0%; Average loss: 2.4958  
Iteration: 41; Percent complete: 1.0%; Average loss: 2.5513  
Iteration: 42; Percent complete: 1.1%; Average loss: 2.7811  
Iteration: 43; Percent complete: 1.1%; Average loss: 2.6753  
Iteration: 44; Percent complete: 1.1%; Average loss: 2.5826  
Iteration: 45; Percent complete: 1.1%; Average loss: 2.5694  
Iteration: 46; Percent complete: 1.1%; Average loss: 2.6778  
Iteration: 47; Percent complete: 1.2%; Average loss: 2.5490  
Iteration: 48; Percent complete: 1.2%; Average loss: 2.5285  
Iteration: 49; Percent complete: 1.2%; Average loss: 2.7077  
Iteration: 50; Percent complete: 1.2%; Average loss: 2.7927  
Iteration: 51; Percent complete: 1.3%; Average loss: 2.5267  
Iteration: 52; Percent complete: 1.3%; Average loss: 2.7412  
Iteration: 53; Percent complete: 1.3%; Average loss: 2.8019  
Iteration: 54; Percent complete: 1.4%; Average loss: 2.6420  
Iteration: 55; Percent complete: 1.4%; Average loss: 2.4745  
Iteration: 56; Percent complete: 1.4%; Average loss: 2.6554  
Iteration: 57; Percent complete: 1.4%; Average loss: 2.3158  
Iteration: 58; Percent complete: 1.5%; Average loss: 2.6081  
Iteration: 59; Percent complete: 1.5%; Average loss: 2.7086  
Iteration: 60; Percent complete: 1.5%; Average loss: 2.8707  
Iteration: 61; Percent complete: 1.5%; Average loss: 2.9238  
Iteration: 62; Percent complete: 1.6%; Average loss: 2.8599  
Iteration: 63; Percent complete: 1.6%; Average loss: 2.9844  
Iteration: 64; Percent complete: 1.6%; Average loss: 2.7306  
Iteration: 65; Percent complete: 1.6%; Average loss: 2.5051  
Iteration: 66; Percent complete: 1.7%; Average loss: 2.5602  
Iteration: 67; Percent complete: 1.7%; Average loss: 2.8279  
Iteration: 68; Percent complete: 1.7%; Average loss: 2.7960  
Iteration: 69; Percent complete: 1.7%; Average loss: 2.5183  
Iteration: 70; Percent complete: 1.8%; Average loss: 2.6554  
Iteration: 71; Percent complete: 1.8%; Average loss: 2.8075  
Iteration: 72; Percent complete: 1.8%; Average loss: 2.6021  
Iteration: 73; Percent complete: 1.8%; Average loss: 2.6852  
Iteration: 74; Percent complete: 1.8%; Average loss: 2.6951

Iteration: 75; Percent complete: 1.9%; Average loss: 2.7454  
Iteration: 76; Percent complete: 1.9%; Average loss: 2.3960  
Iteration: 77; Percent complete: 1.9%; Average loss: 2.8648  
Iteration: 78; Percent complete: 1.9%; Average loss: 2.6196  
Iteration: 79; Percent complete: 2.0%; Average loss: 2.5297  
Iteration: 80; Percent complete: 2.0%; Average loss: 2.7638  
Iteration: 81; Percent complete: 2.0%; Average loss: 2.5569  
Iteration: 82; Percent complete: 2.1%; Average loss: 2.6777  
Iteration: 83; Percent complete: 2.1%; Average loss: 2.8049  
Iteration: 84; Percent complete: 2.1%; Average loss: 2.6734  
Iteration: 85; Percent complete: 2.1%; Average loss: 2.5143  
Iteration: 86; Percent complete: 2.1%; Average loss: 2.5619  
Iteration: 87; Percent complete: 2.2%; Average loss: 2.7260  
Iteration: 88; Percent complete: 2.2%; Average loss: 2.3370  
Iteration: 89; Percent complete: 2.2%; Average loss: 2.6521  
Iteration: 90; Percent complete: 2.2%; Average loss: 2.9385  
Iteration: 91; Percent complete: 2.3%; Average loss: 2.8705  
Iteration: 92; Percent complete: 2.3%; Average loss: 2.8681  
Iteration: 93; Percent complete: 2.3%; Average loss: 2.7541  
Iteration: 94; Percent complete: 2.4%; Average loss: 2.5414  
Iteration: 95; Percent complete: 2.4%; Average loss: 2.6995  
Iteration: 96; Percent complete: 2.4%; Average loss: 2.6653  
Iteration: 97; Percent complete: 2.4%; Average loss: 2.7728  
Iteration: 98; Percent complete: 2.5%; Average loss: 2.6202  
Iteration: 99; Percent complete: 2.5%; Average loss: 2.7544  
Iteration: 100; Percent complete: 2.5%; Average loss: 2.5058  
Iteration: 101; Percent complete: 2.5%; Average loss: 2.5843  
Iteration: 102; Percent complete: 2.5%; Average loss: 2.5732  
Iteration: 103; Percent complete: 2.6%; Average loss: 2.6867  
Iteration: 104; Percent complete: 2.6%; Average loss: 2.8459  
Iteration: 105; Percent complete: 2.6%; Average loss: 2.5954  
Iteration: 106; Percent complete: 2.6%; Average loss: 2.9066  
Iteration: 107; Percent complete: 2.7%; Average loss: 2.6992  
Iteration: 108; Percent complete: 2.7%; Average loss: 2.5774  
Iteration: 109; Percent complete: 2.7%; Average loss: 2.7210  
Iteration: 110; Percent complete: 2.8%; Average loss: 2.6875  
Iteration: 111; Percent complete: 2.8%; Average loss: 2.7333  
Iteration: 112; Percent complete: 2.8%; Average loss: 2.3543  
Iteration: 113; Percent complete: 2.8%; Average loss: 2.7995  
Iteration: 114; Percent complete: 2.9%; Average loss: 2.4888  
Iteration: 115; Percent complete: 2.9%; Average loss: 2.6093  
Iteration: 116; Percent complete: 2.9%; Average loss: 2.4064  
Iteration: 117; Percent complete: 2.9%; Average loss: 2.7691  
Iteration: 118; Percent complete: 2.9%; Average loss: 2.6466  
Iteration: 119; Percent complete: 3.0%; Average loss: 2.8535  
Iteration: 120; Percent complete: 3.0%; Average loss: 2.6463  
Iteration: 121; Percent complete: 3.0%; Average loss: 2.8499  
Iteration: 122; Percent complete: 3.0%; Average loss: 2.8773  
Iteration: 123; Percent complete: 3.1%; Average loss: 2.3928  
Iteration: 124; Percent complete: 3.1%; Average loss: 2.4790  
Iteration: 125; Percent complete: 3.1%; Average loss: 2.6637  
Iteration: 126; Percent complete: 3.1%; Average loss: 2.4600  
Iteration: 127; Percent complete: 3.2%; Average loss: 2.5774  
Iteration: 128; Percent complete: 3.2%; Average loss: 2.5914  
Iteration: 129; Percent complete: 3.2%; Average loss: 2.5576  
Iteration: 130; Percent complete: 3.2%; Average loss: 2.7780  
Iteration: 131; Percent complete: 3.3%; Average loss: 2.5838  
Iteration: 132; Percent complete: 3.3%; Average loss: 2.4273  
Iteration: 133; Percent complete: 3.3%; Average loss: 2.7112  
Iteration: 134; Percent complete: 3.4%; Average loss: 2.5006  
Iteration: 135; Percent complete: 3.4%; Average loss: 2.4651  
Iteration: 136; Percent complete: 3.4%; Average loss: 2.5387  
Iteration: 137; Percent complete: 3.4%; Average loss: 2.7204  
Iteration: 138; Percent complete: 3.5%; Average loss: 2.6979  
Iteration: 139; Percent complete: 3.5%; Average loss: 2.6978  
Iteration: 140; Percent complete: 3.5%; Average loss: 2.7583  
Iteration: 141; Percent complete: 3.5%; Average loss: 2.5078  
Iteration: 142; Percent complete: 3.5%; Average loss: 2.6706  
Iteration: 143; Percent complete: 3.6%; Average loss: 2.8535  
Iteration: 144; Percent complete: 3.6%; Average loss: 2.6152  
Iteration: 145; Percent complete: 3.6%; Average loss: 2.6670  
Iteration: 146; Percent complete: 3.6%; Average loss: 2.8370  
Iteration: 147; Percent complete: 3.7%; Average loss: 2.9309  
Iteration: 148; Percent complete: 3.7%; Average loss: 2.7562  
Iteration: 149; Percent complete: 3.7%; Average loss: 2.5531  
Iteration: 150; Percent complete: 3.8%; Average loss: 2.6691  
Iteration: 151; Percent complete: 3.8%; Average loss: 2.6290  
Iteration: 152; Percent complete: 3.8%; Average loss: 2.5923  
Iteration: 153; Percent complete: 3.8%; Average loss: 2.7771  
Iteration: 154; Percent complete: 3.9%; Average loss: 2.6151  
Iteration: 155; Percent complete: 3.9%; Average loss: 2.8189  
Iteration: 156; Percent complete: 3.9%; Average loss: 2.5157  
Iteration: 157; Percent complete: 3.9%; Average loss: 2.6746  
Iteration: 158; Percent complete: 4.0%; Average loss: 2.7484  
Iteration: 159; Percent complete: 4.0%; Average loss: 2.6255  
Iteration: 160; Percent complete: 4.0%; Average loss: 2.5962  
Iteration: 161; Percent complete: 4.0%; Average loss: 2.5693  
Iteration: 162; Percent complete: 4.0%; Average loss: 2.7426  
Iteration: 163; Percent complete: 4.1%; Average loss: 2.5315  
Iteration: 164; Percent complete: 4.1%; Average loss: 2.7802  
Iteration: 165; Percent complete: 4.1%; Average loss: 2.6289



Iteration: 166; Percent complete: 4.2%; Average loss: 2.6427  
Iteration: 167; Percent complete: 4.2%; Average loss: 2.5196  
Iteration: 168; Percent complete: 4.2%; Average loss: 2.5675  
Iteration: 169; Percent complete: 4.2%; Average loss: 2.5301  
Iteration: 170; Percent complete: 4.2%; Average loss: 2.4923  
Iteration: 171; Percent complete: 4.3%; Average loss: 2.4604  
Iteration: 172; Percent complete: 4.3%; Average loss: 2.7079  
Iteration: 173; Percent complete: 4.3%; Average loss: 2.5316  
Iteration: 174; Percent complete: 4.3%; Average loss: 2.6704  
Iteration: 175; Percent complete: 4.4%; Average loss: 2.6318  
Iteration: 176; Percent complete: 4.4%; Average loss: 2.8229  
Iteration: 177; Percent complete: 4.4%; Average loss: 2.8157  
Iteration: 178; Percent complete: 4.5%; Average loss: 2.4341  
Iteration: 179; Percent complete: 4.5%; Average loss: 2.6903  
Iteration: 180; Percent complete: 4.5%; Average loss: 2.5305  
Iteration: 181; Percent complete: 4.5%; Average loss: 2.6606  
Iteration: 182; Percent complete: 4.5%; Average loss: 2.6905  
Iteration: 183; Percent complete: 4.6%; Average loss: 2.7781  
Iteration: 184; Percent complete: 4.6%; Average loss: 2.7151  
Iteration: 185; Percent complete: 4.6%; Average loss: 2.4580  
Iteration: 186; Percent complete: 4.7%; Average loss: 2.8493  
Iteration: 187; Percent complete: 4.7%; Average loss: 2.4781  
Iteration: 188; Percent complete: 4.7%; Average loss: 2.5710  
Iteration: 189; Percent complete: 4.7%; Average loss: 2.7139  
Iteration: 190; Percent complete: 4.8%; Average loss: 2.7147  
Iteration: 191; Percent complete: 4.8%; Average loss: 2.7067  
Iteration: 192; Percent complete: 4.8%; Average loss: 2.5909  
Iteration: 193; Percent complete: 4.8%; Average loss: 2.8883  
Iteration: 194; Percent complete: 4.9%; Average loss: 2.4301  
Iteration: 195; Percent complete: 4.9%; Average loss: 2.5682  
Iteration: 196; Percent complete: 4.9%; Average loss: 2.4364  
Iteration: 197; Percent complete: 4.9%; Average loss: 2.5487  
Iteration: 198; Percent complete: 5.0%; Average loss: 2.8254  
Iteration: 199; Percent complete: 5.0%; Average loss: 2.5214  
Iteration: 200; Percent complete: 5.0%; Average loss: 2.6996  
Iteration: 201; Percent complete: 5.0%; Average loss: 2.7231  
Iteration: 202; Percent complete: 5.1%; Average loss: 2.6196  
Iteration: 203; Percent complete: 5.1%; Average loss: 2.6245  
Iteration: 204; Percent complete: 5.1%; Average loss: 2.4970  
Iteration: 205; Percent complete: 5.1%; Average loss: 2.7421  
Iteration: 206; Percent complete: 5.1%; Average loss: 2.7399  
Iteration: 207; Percent complete: 5.2%; Average loss: 2.7303  
Iteration: 208; Percent complete: 5.2%; Average loss: 2.6946  
Iteration: 209; Percent complete: 5.2%; Average loss: 2.8690  
Iteration: 210; Percent complete: 5.2%; Average loss: 2.6171  
Iteration: 211; Percent complete: 5.3%; Average loss: 2.6721  
Iteration: 212; Percent complete: 5.3%; Average loss: 2.5632  
Iteration: 213; Percent complete: 5.3%; Average loss: 2.8031  
Iteration: 214; Percent complete: 5.3%; Average loss: 2.8631  
Iteration: 215; Percent complete: 5.4%; Average loss: 2.7774  
Iteration: 216; Percent complete: 5.4%; Average loss: 2.6229  
Iteration: 217; Percent complete: 5.4%; Average loss: 2.6772  
Iteration: 218; Percent complete: 5.5%; Average loss: 2.4887  
Iteration: 219; Percent complete: 5.5%; Average loss: 2.4448  
Iteration: 220; Percent complete: 5.5%; Average loss: 2.4559  
Iteration: 221; Percent complete: 5.5%; Average loss: 2.6735  
Iteration: 222; Percent complete: 5.5%; Average loss: 2.6413  
Iteration: 223; Percent complete: 5.6%; Average loss: 2.4987  
Iteration: 224; Percent complete: 5.6%; Average loss: 2.6874  
Iteration: 225; Percent complete: 5.6%; Average loss: 2.5973  
Iteration: 226; Percent complete: 5.7%; Average loss: 2.5351  
Iteration: 227; Percent complete: 5.7%; Average loss: 2.6987  
Iteration: 228; Percent complete: 5.7%; Average loss: 2.5797  
Iteration: 229; Percent complete: 5.7%; Average loss: 2.6323  
Iteration: 230; Percent complete: 5.8%; Average loss: 2.7513  
Iteration: 231; Percent complete: 5.8%; Average loss: 2.5809  
Iteration: 232; Percent complete: 5.8%; Average loss: 2.3471  
Iteration: 233; Percent complete: 5.8%; Average loss: 2.4732  
Iteration: 234; Percent complete: 5.9%; Average loss: 2.6230  
Iteration: 235; Percent complete: 5.9%; Average loss: 2.5292  
Iteration: 236; Percent complete: 5.9%; Average loss: 2.7212  
Iteration: 237; Percent complete: 5.9%; Average loss: 2.5100  
Iteration: 238; Percent complete: 5.9%; Average loss: 2.8619  
Iteration: 239; Percent complete: 6.0%; Average loss: 2.5652  
Iteration: 240; Percent complete: 6.0%; Average loss: 2.4134  
Iteration: 241; Percent complete: 6.0%; Average loss: 2.6393  
Iteration: 242; Percent complete: 6.0%; Average loss: 2.4680  
Iteration: 243; Percent complete: 6.1%; Average loss: 2.6610  
Iteration: 244; Percent complete: 6.1%; Average loss: 2.6772  
Iteration: 245; Percent complete: 6.1%; Average loss: 2.7157  
Iteration: 246; Percent complete: 6.2%; Average loss: 2.6919  
Iteration: 247; Percent complete: 6.2%; Average loss: 2.4353  
Iteration: 248; Percent complete: 6.2%; Average loss: 2.5132  
Iteration: 249; Percent complete: 6.2%; Average loss: 2.8661  
Iteration: 250; Percent complete: 6.2%; Average loss: 2.6580  
Iteration: 251; Percent complete: 6.3%; Average loss: 2.7365  
Iteration: 252; Percent complete: 6.3%; Average loss: 2.4639  
Iteration: 253; Percent complete: 6.3%; Average loss: 2.7135  
Iteration: 254; Percent complete: 6.3%; Average loss: 2.5745  
Iteration: 255; Percent complete: 6.4%; Average loss: 2.8175  
Iteration: 256; Percent complete: 6.4%; Average loss: 2.6603  
Iteration: 257; Percent complete: 6.4%; Average loss: 2.5093

Iteration: 257; Percent complete: 6.4%; Average loss: 2.5683  
Iteration: 258; Percent complete: 6.5%; Average loss: 2.5309  
Iteration: 259; Percent complete: 6.5%; Average loss: 2.6261  
Iteration: 260; Percent complete: 6.5%; Average loss: 2.5321  
Iteration: 261; Percent complete: 6.5%; Average loss: 2.7194  
Iteration: 262; Percent complete: 6.6%; Average loss: 2.6486  
Iteration: 263; Percent complete: 6.6%; Average loss: 2.5595  
Iteration: 264; Percent complete: 6.6%; Average loss: 2.4906  
Iteration: 265; Percent complete: 6.6%; Average loss: 2.7324  
Iteration: 266; Percent complete: 6.7%; Average loss: 2.6825  
Iteration: 267; Percent complete: 6.7%; Average loss: 2.6232  
Iteration: 268; Percent complete: 6.7%; Average loss: 2.3979  
Iteration: 269; Percent complete: 6.7%; Average loss: 2.7265  
Iteration: 270; Percent complete: 6.8%; Average loss: 2.5379  
Iteration: 271; Percent complete: 6.8%; Average loss: 2.5972  
Iteration: 272; Percent complete: 6.8%; Average loss: 2.6553  
Iteration: 273; Percent complete: 6.8%; Average loss: 2.6106  
Iteration: 274; Percent complete: 6.9%; Average loss: 2.8486  
Iteration: 275; Percent complete: 6.9%; Average loss: 2.6598  
Iteration: 276; Percent complete: 6.9%; Average loss: 2.6290  
Iteration: 277; Percent complete: 6.9%; Average loss: 2.9556  
Iteration: 278; Percent complete: 7.0%; Average loss: 2.3109  
Iteration: 279; Percent complete: 7.0%; Average loss: 2.6637  
Iteration: 280; Percent complete: 7.0%; Average loss: 2.5155  
Iteration: 281; Percent complete: 7.0%; Average loss: 2.9383  
Iteration: 282; Percent complete: 7.0%; Average loss: 2.9327  
Iteration: 283; Percent complete: 7.1%; Average loss: 2.5073  
Iteration: 284; Percent complete: 7.1%; Average loss: 2.7338  
Iteration: 285; Percent complete: 7.1%; Average loss: 2.8028  
Iteration: 286; Percent complete: 7.1%; Average loss: 2.6853  
Iteration: 287; Percent complete: 7.2%; Average loss: 2.5673  
Iteration: 288; Percent complete: 7.2%; Average loss: 2.6430  
Iteration: 289; Percent complete: 7.2%; Average loss: 2.9207  
Iteration: 290; Percent complete: 7.2%; Average loss: 2.6897  
Iteration: 291; Percent complete: 7.3%; Average loss: 2.6685  
Iteration: 292; Percent complete: 7.3%; Average loss: 2.6639  
Iteration: 293; Percent complete: 7.3%; Average loss: 2.7084  
Iteration: 294; Percent complete: 7.3%; Average loss: 2.5790  
Iteration: 295; Percent complete: 7.4%; Average loss: 2.5089  
Iteration: 296; Percent complete: 7.4%; Average loss: 2.7738  
Iteration: 297; Percent complete: 7.4%; Average loss: 2.3929  
Iteration: 298; Percent complete: 7.4%; Average loss: 2.8278  
Iteration: 299; Percent complete: 7.5%; Average loss: 2.5764  
Iteration: 300; Percent complete: 7.5%; Average loss: 2.4681  
Iteration: 301; Percent complete: 7.5%; Average loss: 2.6733  
Iteration: 302; Percent complete: 7.5%; Average loss: 2.5389  
Iteration: 303; Percent complete: 7.6%; Average loss: 2.9384  
Iteration: 304; Percent complete: 7.6%; Average loss: 2.6948  
Iteration: 305; Percent complete: 7.6%; Average loss: 2.4445  
Iteration: 306; Percent complete: 7.6%; Average loss: 2.6305  
Iteration: 307; Percent complete: 7.7%; Average loss: 2.9086  
Iteration: 308; Percent complete: 7.7%; Average loss: 2.7241  
Iteration: 309; Percent complete: 7.7%; Average loss: 2.6735  
Iteration: 310; Percent complete: 7.8%; Average loss: 2.8196  
Iteration: 311; Percent complete: 7.8%; Average loss: 2.6844  
Iteration: 312; Percent complete: 7.8%; Average loss: 2.4282  
Iteration: 313; Percent complete: 7.8%; Average loss: 2.4734  
Iteration: 314; Percent complete: 7.8%; Average loss: 2.5101  
Iteration: 315; Percent complete: 7.9%; Average loss: 2.6489  
Iteration: 316; Percent complete: 7.9%; Average loss: 2.7454  
Iteration: 317; Percent complete: 7.9%; Average loss: 2.4697  
Iteration: 318; Percent complete: 8.0%; Average loss: 2.8350  
Iteration: 319; Percent complete: 8.0%; Average loss: 2.5908  
Iteration: 320; Percent complete: 8.0%; Average loss: 2.8029  
Iteration: 321; Percent complete: 8.0%; Average loss: 2.7238  
Iteration: 322; Percent complete: 8.1%; Average loss: 2.7097  
Iteration: 323; Percent complete: 8.1%; Average loss: 2.4611  
Iteration: 324; Percent complete: 8.1%; Average loss: 2.6282  
Iteration: 325; Percent complete: 8.1%; Average loss: 2.5328  
Iteration: 326; Percent complete: 8.2%; Average loss: 2.7353  
Iteration: 327; Percent complete: 8.2%; Average loss: 2.7463  
Iteration: 328; Percent complete: 8.2%; Average loss: 2.6251  
Iteration: 329; Percent complete: 8.2%; Average loss: 2.6824  
Iteration: 330; Percent complete: 8.2%; Average loss: 2.5618  
Iteration: 331; Percent complete: 8.3%; Average loss: 2.6371  
Iteration: 332; Percent complete: 8.3%; Average loss: 2.7843  
Iteration: 333; Percent complete: 8.3%; Average loss: 2.7646  
Iteration: 334; Percent complete: 8.3%; Average loss: 2.7481  
Iteration: 335; Percent complete: 8.4%; Average loss: 2.7116  
Iteration: 336; Percent complete: 8.4%; Average loss: 2.7832  
Iteration: 337; Percent complete: 8.4%; Average loss: 2.7743  
Iteration: 338; Percent complete: 8.5%; Average loss: 2.8293  
Iteration: 339; Percent complete: 8.5%; Average loss: 2.5241  
Iteration: 340; Percent complete: 8.5%; Average loss: 2.5085  
Iteration: 341; Percent complete: 8.5%; Average loss: 2.6330  
Iteration: 342; Percent complete: 8.6%; Average loss: 2.6858  
Iteration: 343; Percent complete: 8.6%; Average loss: 2.5899  
Iteration: 344; Percent complete: 8.6%; Average loss: 2.4808  
Iteration: 345; Percent complete: 8.6%; Average loss: 2.6711  
Iteration: 346; Percent complete: 8.6%; Average loss: 2.8295  
Iteration: 347; Percent complete: 8.7%; Average loss: 2.7429  
Iteration: 348; Percent complete: 8.7%; Average loss: 2.5196

Iteration: 348; Percent complete: 8.7%; Average loss: 2.7064  
Iteration: 349; Percent complete: 8.7%; Average loss: 2.7064  
Iteration: 350; Percent complete: 8.8%; Average loss: 2.5412  
Iteration: 351; Percent complete: 8.8%; Average loss: 2.6286  
Iteration: 352; Percent complete: 8.8%; Average loss: 2.6102  
Iteration: 353; Percent complete: 8.8%; Average loss: 2.4684  
Iteration: 354; Percent complete: 8.8%; Average loss: 2.7320  
Iteration: 355; Percent complete: 8.9%; Average loss: 2.8603  
Iteration: 356; Percent complete: 8.9%; Average loss: 2.6820  
Iteration: 357; Percent complete: 8.9%; Average loss: 2.8736  
Iteration: 358; Percent complete: 8.9%; Average loss: 2.6123  
Iteration: 359; Percent complete: 9.0%; Average loss: 2.5490  
Iteration: 360; Percent complete: 9.0%; Average loss: 2.5071  
Iteration: 361; Percent complete: 9.0%; Average loss: 2.7949  
Iteration: 362; Percent complete: 9.0%; Average loss: 2.6311  
Iteration: 363; Percent complete: 9.1%; Average loss: 2.6436  
Iteration: 364; Percent complete: 9.1%; Average loss: 2.8125  
Iteration: 365; Percent complete: 9.1%; Average loss: 2.9659  
Iteration: 366; Percent complete: 9.2%; Average loss: 2.7046  
Iteration: 367; Percent complete: 9.2%; Average loss: 2.7272  
Iteration: 368; Percent complete: 9.2%; Average loss: 2.5594  
Iteration: 369; Percent complete: 9.2%; Average loss: 2.7646  
Iteration: 370; Percent complete: 9.2%; Average loss: 2.6668  
Iteration: 371; Percent complete: 9.3%; Average loss: 2.8005  
Iteration: 372; Percent complete: 9.3%; Average loss: 2.7122  
Iteration: 373; Percent complete: 9.3%; Average loss: 2.6073  
Iteration: 374; Percent complete: 9.3%; Average loss: 2.4185  
Iteration: 375; Percent complete: 9.4%; Average loss: 2.8294  
Iteration: 376; Percent complete: 9.4%; Average loss: 2.7022  
Iteration: 377; Percent complete: 9.4%; Average loss: 2.4810  
Iteration: 378; Percent complete: 9.4%; Average loss: 2.6177  
Iteration: 379; Percent complete: 9.5%; Average loss: 2.6539  
Iteration: 380; Percent complete: 9.5%; Average loss: 2.5674  
Iteration: 381; Percent complete: 9.5%; Average loss: 2.4961  
Iteration: 382; Percent complete: 9.6%; Average loss: 2.5502  
Iteration: 383; Percent complete: 9.6%; Average loss: 2.6571  
Iteration: 384; Percent complete: 9.6%; Average loss: 2.4890  
Iteration: 385; Percent complete: 9.6%; Average loss: 2.7232  
Iteration: 386; Percent complete: 9.7%; Average loss: 2.5294  
Iteration: 387; Percent complete: 9.7%; Average loss: 2.6264  
Iteration: 388; Percent complete: 9.7%; Average loss: 2.6614  
Iteration: 389; Percent complete: 9.7%; Average loss: 2.5849  
Iteration: 390; Percent complete: 9.8%; Average loss: 2.6906  
Iteration: 391; Percent complete: 9.8%; Average loss: 2.5703  
Iteration: 392; Percent complete: 9.8%; Average loss: 2.7328  
Iteration: 393; Percent complete: 9.8%; Average loss: 2.7317  
Iteration: 394; Percent complete: 9.8%; Average loss: 2.7490  
Iteration: 395; Percent complete: 9.9%; Average loss: 2.7738  
Iteration: 396; Percent complete: 9.9%; Average loss: 2.5139  
Iteration: 397; Percent complete: 9.9%; Average loss: 2.7466  
Iteration: 398; Percent complete: 10.0%; Average loss: 2.6144  
Iteration: 399; Percent complete: 10.0%; Average loss: 2.9026  
Iteration: 400; Percent complete: 10.0%; Average loss: 2.5332  
Iteration: 401; Percent complete: 10.0%; Average loss: 2.4988  
Iteration: 402; Percent complete: 10.1%; Average loss: 2.4725  
Iteration: 403; Percent complete: 10.1%; Average loss: 2.5807  
Iteration: 404; Percent complete: 10.1%; Average loss: 2.6949  
Iteration: 405; Percent complete: 10.1%; Average loss: 2.5689  
Iteration: 406; Percent complete: 10.2%; Average loss: 2.5447  
Iteration: 407; Percent complete: 10.2%; Average loss: 2.7194  
Iteration: 408; Percent complete: 10.2%; Average loss: 2.6194  
Iteration: 409; Percent complete: 10.2%; Average loss: 2.9776  
Iteration: 410; Percent complete: 10.2%; Average loss: 2.7400  
Iteration: 411; Percent complete: 10.3%; Average loss: 2.5731  
Iteration: 412; Percent complete: 10.3%; Average loss: 2.6519  
Iteration: 413; Percent complete: 10.3%; Average loss: 2.7421  
Iteration: 414; Percent complete: 10.3%; Average loss: 2.5486  
Iteration: 415; Percent complete: 10.4%; Average loss: 2.7045  
Iteration: 416; Percent complete: 10.4%; Average loss: 2.5159  
Iteration: 417; Percent complete: 10.4%; Average loss: 2.6410  
Iteration: 418; Percent complete: 10.4%; Average loss: 2.5956  
Iteration: 419; Percent complete: 10.5%; Average loss: 2.4553  
Iteration: 420; Percent complete: 10.5%; Average loss: 2.5046  
Iteration: 421; Percent complete: 10.5%; Average loss: 2.5695  
Iteration: 422; Percent complete: 10.5%; Average loss: 2.7560  
Iteration: 423; Percent complete: 10.6%; Average loss: 2.6575  
Iteration: 424; Percent complete: 10.6%; Average loss: 2.7506  
Iteration: 425; Percent complete: 10.6%; Average loss: 2.4359  
Iteration: 426; Percent complete: 10.7%; Average loss: 2.5519  
Iteration: 427; Percent complete: 10.7%; Average loss: 2.7925  
Iteration: 428; Percent complete: 10.7%; Average loss: 2.6178  
Iteration: 429; Percent complete: 10.7%; Average loss: 2.7064  
Iteration: 430; Percent complete: 10.8%; Average loss: 2.6651  
Iteration: 431; Percent complete: 10.8%; Average loss: 2.6546  
Iteration: 432; Percent complete: 10.8%; Average loss: 2.4630  
Iteration: 433; Percent complete: 10.8%; Average loss: 2.6823  
Iteration: 434; Percent complete: 10.8%; Average loss: 2.3795  
Iteration: 435; Percent complete: 10.9%; Average loss: 2.7278  
Iteration: 436; Percent complete: 10.9%; Average loss: 3.0097  
Iteration: 437; Percent complete: 10.9%; Average loss: 2.5843  
Iteration: 438; Percent complete: 10.9%; Average loss: 2.7619  
Iteration: 439; Percent complete: 11.0%; Average loss: 2.5578

|                 |                   |        |               |        |
|-----------------|-------------------|--------|---------------|--------|
| Iteration: 440; | Percent complete: | 11.0%; | Average loss: | 2.4956 |
| Iteration: 441; | Percent complete: | 11.0%; | Average loss: | 2.7854 |
| Iteration: 442; | Percent complete: | 11.1%; | Average loss: | 2.8779 |
| Iteration: 443; | Percent complete: | 11.1%; | Average loss: | 2.7896 |
| Iteration: 444; | Percent complete: | 11.1%; | Average loss: | 2.7403 |
| Iteration: 445; | Percent complete: | 11.1%; | Average loss: | 2.7515 |
| Iteration: 446; | Percent complete: | 11.2%; | Average loss: | 2.4942 |
| Iteration: 447; | Percent complete: | 11.2%; | Average loss: | 2.6800 |
| Iteration: 448; | Percent complete: | 11.2%; | Average loss: | 2.8258 |
| Iteration: 449; | Percent complete: | 11.2%; | Average loss: | 2.5707 |
| Iteration: 450; | Percent complete: | 11.2%; | Average loss: | 2.7823 |
| Iteration: 451; | Percent complete: | 11.3%; | Average loss: | 3.0178 |
| Iteration: 452; | Percent complete: | 11.3%; | Average loss: | 2.6153 |
| Iteration: 453; | Percent complete: | 11.3%; | Average loss: | 2.3616 |
| Iteration: 454; | Percent complete: | 11.3%; | Average loss: | 2.4612 |
| Iteration: 455; | Percent complete: | 11.4%; | Average loss: | 2.6339 |
| Iteration: 456; | Percent complete: | 11.4%; | Average loss: | 2.6045 |
| Iteration: 457; | Percent complete: | 11.4%; | Average loss: | 2.5542 |
| Iteration: 458; | Percent complete: | 11.5%; | Average loss: | 2.9436 |
| Iteration: 459; | Percent complete: | 11.5%; | Average loss: | 2.9291 |
| Iteration: 460; | Percent complete: | 11.5%; | Average loss: | 2.7346 |
| Iteration: 461; | Percent complete: | 11.5%; | Average loss: | 2.7035 |
| Iteration: 462; | Percent complete: | 11.6%; | Average loss: | 2.7832 |
| Iteration: 463; | Percent complete: | 11.6%; | Average loss: | 2.6010 |
| Iteration: 464; | Percent complete: | 11.6%; | Average loss: | 2.6564 |
| Iteration: 465; | Percent complete: | 11.6%; | Average loss: | 2.7205 |
| Iteration: 466; | Percent complete: | 11.7%; | Average loss: | 2.7580 |
| Iteration: 467; | Percent complete: | 11.7%; | Average loss: | 2.8216 |
| Iteration: 468; | Percent complete: | 11.7%; | Average loss: | 2.4880 |
| Iteration: 469; | Percent complete: | 11.7%; | Average loss: | 2.8318 |
| Iteration: 470; | Percent complete: | 11.8%; | Average loss: | 2.7538 |
| Iteration: 471; | Percent complete: | 11.8%; | Average loss: | 2.8226 |
| Iteration: 472; | Percent complete: | 11.8%; | Average loss: | 2.8109 |
| Iteration: 473; | Percent complete: | 11.8%; | Average loss: | 2.7519 |
| Iteration: 474; | Percent complete: | 11.8%; | Average loss: | 2.6970 |
| Iteration: 475; | Percent complete: | 11.9%; | Average loss: | 2.4382 |
| Iteration: 476; | Percent complete: | 11.9%; | Average loss: | 2.5923 |
| Iteration: 477; | Percent complete: | 11.9%; | Average loss: | 2.4412 |
| Iteration: 478; | Percent complete: | 11.9%; | Average loss: | 2.7691 |
| Iteration: 479; | Percent complete: | 12.0%; | Average loss: | 2.6802 |
| Iteration: 480; | Percent complete: | 12.0%; | Average loss: | 2.5973 |
| Iteration: 481; | Percent complete: | 12.0%; | Average loss: | 2.6217 |
| Iteration: 482; | Percent complete: | 12.0%; | Average loss: | 2.6370 |
| Iteration: 483; | Percent complete: | 12.1%; | Average loss: | 2.4883 |
| Iteration: 484; | Percent complete: | 12.1%; | Average loss: | 2.6390 |
| Iteration: 485; | Percent complete: | 12.1%; | Average loss: | 2.7706 |
| Iteration: 486; | Percent complete: | 12.2%; | Average loss: | 2.5453 |
| Iteration: 487; | Percent complete: | 12.2%; | Average loss: | 2.8602 |
| Iteration: 488; | Percent complete: | 12.2%; | Average loss: | 2.3786 |
| Iteration: 489; | Percent complete: | 12.2%; | Average loss: | 2.7514 |
| Iteration: 490; | Percent complete: | 12.2%; | Average loss: | 2.6843 |
| Iteration: 491; | Percent complete: | 12.3%; | Average loss: | 2.6864 |
| Iteration: 492; | Percent complete: | 12.3%; | Average loss: | 2.5643 |
| Iteration: 493; | Percent complete: | 12.3%; | Average loss: | 2.5421 |
| Iteration: 494; | Percent complete: | 12.3%; | Average loss: | 2.5334 |
| Iteration: 495; | Percent complete: | 12.4%; | Average loss: | 2.7454 |
| Iteration: 496; | Percent complete: | 12.4%; | Average loss: | 2.6653 |
| Iteration: 497; | Percent complete: | 12.4%; | Average loss: | 2.5947 |
| Iteration: 498; | Percent complete: | 12.4%; | Average loss: | 2.7397 |
| Iteration: 499; | Percent complete: | 12.5%; | Average loss: | 2.5817 |
| Iteration: 500; | Percent complete: | 12.5%; | Average loss: | 2.7651 |
| Iteration: 501; | Percent complete: | 12.5%; | Average loss: | 2.7484 |
| Iteration: 502; | Percent complete: | 12.6%; | Average loss: | 2.6060 |
| Iteration: 503; | Percent complete: | 12.6%; | Average loss: | 2.5815 |
| Iteration: 504; | Percent complete: | 12.6%; | Average loss: | 2.5995 |
| Iteration: 505; | Percent complete: | 12.6%; | Average loss: | 2.7271 |
| Iteration: 506; | Percent complete: | 12.7%; | Average loss: | 2.7357 |
| Iteration: 507; | Percent complete: | 12.7%; | Average loss: | 2.7151 |
| Iteration: 508; | Percent complete: | 12.7%; | Average loss: | 2.5799 |
| Iteration: 509; | Percent complete: | 12.7%; | Average loss: | 2.5437 |
| Iteration: 510; | Percent complete: | 12.8%; | Average loss: | 2.6003 |
| Iteration: 511; | Percent complete: | 12.8%; | Average loss: | 2.9261 |
| Iteration: 512; | Percent complete: | 12.8%; | Average loss: | 2.6410 |
| Iteration: 513; | Percent complete: | 12.8%; | Average loss: | 2.7037 |
| Iteration: 514; | Percent complete: | 12.8%; | Average loss: | 2.3563 |
| Iteration: 515; | Percent complete: | 12.9%; | Average loss: | 2.5540 |
| Iteration: 516; | Percent complete: | 12.9%; | Average loss: | 2.6484 |
| Iteration: 517; | Percent complete: | 12.9%; | Average loss: | 2.7341 |
| Iteration: 518; | Percent complete: | 13.0%; | Average loss: | 2.4166 |
| Iteration: 519; | Percent complete: | 13.0%; | Average loss: | 2.7350 |
| Iteration: 520; | Percent complete: | 13.0%; | Average loss: | 2.5284 |
| Iteration: 521; | Percent complete: | 13.0%; | Average loss: | 2.678  |

|                 |                   |        |               |        |
|-----------------|-------------------|--------|---------------|--------|
| Iteration: 531; | Percent complete: | 13.3%; | Average loss: | 2.7569 |
| Iteration: 532; | Percent complete: | 13.3%; | Average loss: | 2.6271 |
| Iteration: 533; | Percent complete: | 13.3%; | Average loss: | 2.5004 |
| Iteration: 534; | Percent complete: | 13.4%; | Average loss: | 2.6809 |
| Iteration: 535; | Percent complete: | 13.4%; | Average loss: | 2.6828 |
| Iteration: 536; | Percent complete: | 13.4%; | Average loss: | 2.6221 |
| Iteration: 537; | Percent complete: | 13.4%; | Average loss: | 2.6048 |
| Iteration: 538; | Percent complete: | 13.5%; | Average loss: | 2.5749 |
| Iteration: 539; | Percent complete: | 13.5%; | Average loss: | 2.4454 |
| Iteration: 540; | Percent complete: | 13.5%; | Average loss: | 2.5763 |
| Iteration: 541; | Percent complete: | 13.5%; | Average loss: | 2.7749 |
| Iteration: 542; | Percent complete: | 13.6%; | Average loss: | 2.7581 |
| Iteration: 543; | Percent complete: | 13.6%; | Average loss: | 2.6769 |
| Iteration: 544; | Percent complete: | 13.6%; | Average loss: | 2.6294 |
| Iteration: 545; | Percent complete: | 13.6%; | Average loss: | 2.5498 |
| Iteration: 546; | Percent complete: | 13.7%; | Average loss: | 2.7875 |
| Iteration: 547; | Percent complete: | 13.7%; | Average loss: | 2.6705 |
| Iteration: 548; | Percent complete: | 13.7%; | Average loss: | 2.7404 |
| Iteration: 549; | Percent complete: | 13.7%; | Average loss: | 2.5848 |
| Iteration: 550; | Percent complete: | 13.8%; | Average loss: | 2.7886 |
| Iteration: 551; | Percent complete: | 13.8%; | Average loss: | 2.6697 |
| Iteration: 552; | Percent complete: | 13.8%; | Average loss: | 2.7660 |
| Iteration: 553; | Percent complete: | 13.8%; | Average loss: | 2.7534 |
| Iteration: 554; | Percent complete: | 13.9%; | Average loss: | 2.7680 |
| Iteration: 555; | Percent complete: | 13.9%; | Average loss: | 2.6479 |
| Iteration: 556; | Percent complete: | 13.9%; | Average loss: | 2.7246 |
| Iteration: 557; | Percent complete: | 13.9%; | Average loss: | 2.7094 |
| Iteration: 558; | Percent complete: | 14.0%; | Average loss: | 2.6965 |
| Iteration: 559; | Percent complete: | 14.0%; | Average loss: | 2.5194 |
| Iteration: 560; | Percent complete: | 14.0%; | Average loss: | 2.8370 |
| Iteration: 561; | Percent complete: | 14.0%; | Average loss: | 2.6605 |
| Iteration: 562; | Percent complete: | 14.1%; | Average loss: | 2.5723 |
| Iteration: 563; | Percent complete: | 14.1%; | Average loss: | 2.5312 |
| Iteration: 564; | Percent complete: | 14.1%; | Average loss: | 2.6308 |
| Iteration: 565; | Percent complete: | 14.1%; | Average loss: | 2.6634 |
| Iteration: 566; | Percent complete: | 14.1%; | Average loss: | 2.6106 |
| Iteration: 567; | Percent complete: | 14.2%; | Average loss: | 2.5267 |
| Iteration: 568; | Percent complete: | 14.2%; | Average loss: | 2.6847 |
| Iteration: 569; | Percent complete: | 14.2%; | Average loss: | 2.6869 |
| Iteration: 570; | Percent complete: | 14.2%; | Average loss: | 2.4920 |
| Iteration: 571; | Percent complete: | 14.3%; | Average loss: | 2.8075 |
| Iteration: 572; | Percent complete: | 14.3%; | Average loss: | 2.6243 |
| Iteration: 573; | Percent complete: | 14.3%; | Average loss: | 2.8291 |
| Iteration: 574; | Percent complete: | 14.3%; | Average loss: | 2.7003 |
| Iteration: 575; | Percent complete: | 14.4%; | Average loss: | 2.9199 |
| Iteration: 576; | Percent complete: | 14.4%; | Average loss: | 2.8638 |
| Iteration: 577; | Percent complete: | 14.4%; | Average loss: | 2.7292 |
| Iteration: 578; | Percent complete: | 14.4%; | Average loss: | 2.6552 |
| Iteration: 579; | Percent complete: | 14.5%; | Average loss: | 2.4784 |
| Iteration: 580; | Percent complete: | 14.5%; | Average loss: | 2.7443 |
| Iteration: 581; | Percent complete: | 14.5%; | Average loss: | 2.5840 |
| Iteration: 582; | Percent complete: | 14.5%; | Average loss: | 2.5085 |
| Iteration: 583; | Percent complete: | 14.6%; | Average loss: | 2.7749 |
| Iteration: 584; | Percent complete: | 14.6%; | Average loss: | 2.4732 |
| Iteration: 585; | Percent complete: | 14.6%; | Average loss: | 2.7953 |
| Iteration: 586; | Percent complete: | 14.6%; | Average loss: | 2.8566 |
| Iteration: 587; | Percent complete: | 14.7%; | Average loss: | 2.4940 |
| Iteration: 588; | Percent complete: | 14.7%; | Average loss: | 2.6360 |
| Iteration: 589; | Percent complete: | 14.7%; | Average loss: | 2.5180 |
| Iteration: 590; | Percent complete: | 14.8%; | Average loss: | 2.2457 |
| Iteration: 591; | Percent complete: | 14.8%; | Average loss: | 2.7013 |
| Iteration: 592; | Percent complete: | 14.8%; | Average loss: | 2.5862 |
| Iteration: 593; | Percent complete: | 14.8%; | Average loss: | 2.6408 |
| Iteration: 594; | Percent complete: | 14.8%; | Average loss: | 2.4568 |
| Iteration: 595; | Percent complete: | 14.9%; | Average loss: | 2.6557 |
| Iteration: 596; | Percent complete: | 14.9%; | Average loss: | 2.7822 |
| Iteration: 597; | Percent complete: | 14.9%; | Average loss: | 2.7394 |
| Iteration: 598; | Percent complete: | 14.9%; | Average loss: | 2.6491 |
| Iteration: 599; | Percent complete: | 15.0%; | Average loss: | 2.6461 |
| Iteration: 600; | Percent complete: | 15.0%; | Average loss: | 2.7552 |
| Iteration: 601; | Percent complete: | 15.0%; | Average loss: | 2.7719 |
| Iteration: 602; | Percent complete: | 15.0%; | Average loss: | 2.8437 |
| Iteration: 603; | Percent complete: | 15.1%; | Average loss: | 2.5669 |
| Iteration: 604; | Percent complete: | 15.1%; | Average loss: | 2.5204 |
| Iteration: 605; | Percent complete: | 15.1%; | Average loss: | 2.7528 |
| Iteration: 606; | Percent complete: | 15.2%; | Average loss: | 2.5340 |
| Iteration: 607; | Percent complete: | 15.2%; | Average loss: | 2.8858 |
| Iteration: 608; | Percent complete: | 15.2%; | Average loss: | 2.8118 |
| Iteration: 609; | Percent complete: | 15.2%; | Average loss: | 2.5559 |
| Iteration: 610; | Percent complete: | 15.2%; | Average loss: | 2.5578 |
| Iteration: 611; | Percent complete: | 15.3%; | Average loss: | 2.6897 |
| Iteration: 612; | Percent complete: | 15.3%; | Average loss: | 2.442  |

|            |      |         |           |        |         |       |        |
|------------|------|---------|-----------|--------|---------|-------|--------|
| Iteration: | 622; | Percent | complete: | 15.6%; | Average | loss: | 2.5065 |
| Iteration: | 623; | Percent | complete: | 15.6%; | Average | loss: | 2.6708 |
| Iteration: | 624; | Percent | complete: | 15.6%; | Average | loss: | 2.8802 |
| Iteration: | 625; | Percent | complete: | 15.6%; | Average | loss: | 2.8600 |
| Iteration: | 626; | Percent | complete: | 15.7%; | Average | loss: | 2.5643 |
| Iteration: | 627; | Percent | complete: | 15.7%; | Average | loss: | 2.5165 |
| Iteration: | 628; | Percent | complete: | 15.7%; | Average | loss: | 2.5196 |
| Iteration: | 629; | Percent | complete: | 15.7%; | Average | loss: | 2.6693 |
| Iteration: | 630; | Percent | complete: | 15.8%; | Average | loss: | 2.6161 |
| Iteration: | 631; | Percent | complete: | 15.8%; | Average | loss: | 2.6983 |
| Iteration: | 632; | Percent | complete: | 15.8%; | Average | loss: | 2.7617 |
| Iteration: | 633; | Percent | complete: | 15.8%; | Average | loss: | 2.6853 |
| Iteration: | 634; | Percent | complete: | 15.8%; | Average | loss: | 2.4417 |
| Iteration: | 635; | Percent | complete: | 15.9%; | Average | loss: | 2.6909 |
| Iteration: | 636; | Percent | complete: | 15.9%; | Average | loss: | 2.7034 |
| Iteration: | 637; | Percent | complete: | 15.9%; | Average | loss: | 2.4381 |
| Iteration: | 638; | Percent | complete: | 16.0%; | Average | loss: | 2.7194 |
| Iteration: | 639; | Percent | complete: | 16.0%; | Average | loss: | 2.6873 |
| Iteration: | 640; | Percent | complete: | 16.0%; | Average | loss: | 2.6608 |
| Iteration: | 641; | Percent | complete: | 16.0%; | Average | loss: | 2.6541 |
| Iteration: | 642; | Percent | complete: | 16.1%; | Average | loss: | 2.6690 |
| Iteration: | 643; | Percent | complete: | 16.1%; | Average | loss: | 2.5027 |
| Iteration: | 644; | Percent | complete: | 16.1%; | Average | loss: | 2.5912 |
| Iteration: | 645; | Percent | complete: | 16.1%; | Average | loss: | 2.7041 |
| Iteration: | 646; | Percent | complete: | 16.2%; | Average | loss: | 2.5039 |
| Iteration: | 647; | Percent | complete: | 16.2%; | Average | loss: | 2.6746 |
| Iteration: | 648; | Percent | complete: | 16.2%; | Average | loss: | 2.7540 |
| Iteration: | 649; | Percent | complete: | 16.2%; | Average | loss: | 2.6335 |
| Iteration: | 650; | Percent | complete: | 16.2%; | Average | loss: | 2.6869 |
| Iteration: | 651; | Percent | complete: | 16.3%; | Average | loss: | 2.6702 |
| Iteration: | 652; | Percent | complete: | 16.3%; | Average | loss: | 2.5416 |
| Iteration: | 653; | Percent | complete: | 16.3%; | Average | loss: | 2.5954 |
| Iteration: | 654; | Percent | complete: | 16.4%; | Average | loss: | 2.6773 |
| Iteration: | 655; | Percent | complete: | 16.4%; | Average | loss: | 2.6892 |
| Iteration: | 656; | Percent | complete: | 16.4%; | Average | loss: | 2.6265 |
| Iteration: | 657; | Percent | complete: | 16.4%; | Average | loss: | 2.5927 |
| Iteration: | 658; | Percent | complete: | 16.4%; | Average | loss: | 2.5052 |
| Iteration: | 659; | Percent | complete: | 16.5%; | Average | loss: | 2.6322 |
| Iteration: | 660; | Percent | complete: | 16.5%; | Average | loss: | 2.7174 |
| Iteration: | 661; | Percent | complete: | 16.5%; | Average | loss: | 2.8382 |
| Iteration: | 662; | Percent | complete: | 16.6%; | Average | loss: | 2.7415 |
| Iteration: | 663; | Percent | complete: | 16.6%; | Average | loss: | 2.4248 |
| Iteration: | 664; | Percent | complete: | 16.6%; | Average | loss: | 2.8166 |
| Iteration: | 665; | Percent | complete: | 16.6%; | Average | loss: | 2.5207 |
| Iteration: | 666; | Percent | complete: | 16.7%; | Average | loss: | 2.7591 |
| Iteration: | 667; | Percent | complete: | 16.7%; | Average | loss: | 2.7241 |
| Iteration: | 668; | Percent | complete: | 16.7%; | Average | loss: | 2.6350 |
| Iteration: | 669; | Percent | complete: | 16.7%; | Average | loss: | 2.6455 |
| Iteration: | 670; | Percent | complete: | 16.8%; | Average | loss: | 2.5655 |
| Iteration: | 671; | Percent | complete: | 16.8%; | Average | loss: | 2.3865 |
| Iteration: | 672; | Percent | complete: | 16.8%; | Average | loss: | 2.7485 |
| Iteration: | 673; | Percent | complete: | 16.8%; | Average | loss: | 2.5919 |
| Iteration: | 674; | Percent | complete: | 16.9%; | Average | loss: | 2.6028 |
| Iteration: | 675; | Percent | complete: | 16.9%; | Average | loss: | 2.4555 |
| Iteration: | 676; | Percent | complete: | 16.9%; | Average | loss: | 2.7179 |
| Iteration: | 677; | Percent | complete: | 16.9%; | Average | loss: | 2.6866 |
| Iteration: | 678; | Percent | complete: | 17.0%; | Average | loss: | 2.8211 |
| Iteration: | 679; | Percent | complete: | 17.0%; | Average | loss: | 2.4427 |
| Iteration: | 680; | Percent | complete: | 17.0%; | Average | loss: | 2.6240 |
| Iteration: | 681; | Percent | complete: | 17.0%; | Average | loss: | 2.4946 |
| Iteration: | 682; | Percent | complete: | 17.1%; | Average | loss: | 2.6029 |
| Iteration: | 683; | Percent | complete: | 17.1%; | Average | loss: | 2.5760 |
| Iteration: | 684; | Percent | complete: | 17.1%; | Average | loss: | 2.5698 |
| Iteration: | 685; | Percent | complete: | 17.1%; | Average | loss: | 2.4749 |
| Iteration: | 686; | Percent | complete: | 17.2%; | Average | loss: | 2.6338 |

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|------------|------|-------------------|--------|---------------|--------|
| Iteration: | 896; | Percent complete: | 22.4%; | Average loss: | 2.6090 |
| Iteration: | 897; | Percent complete: | 22.4%; | Average loss: | 2.7579 |
| Iteration: | 898; | Percent complete: | 22.4%; | Average loss: | 2.4785 |
| Iteration: | 899; | Percent complete: | 22.5%; | Average loss: | 2.5890 |
| Iteration: | 900; | Percent complete: | 22.5%; | Average loss: | 2.5410 |
| Iteration: | 901; | Percent complete: | 22.5%; | Average loss: | 2.6152 |
| Iteration: | 902; | Percent complete: | 22.6%; | Average loss: | 2.4506 |
| Iteration: | 903; | Percent complete: | 22.6%; | Average loss: | 2.6237 |
| Iteration: | 904; | Percent complete: | 22.6%; | Average loss: | 2.8260 |
| Iteration: | 905; | Percent complete: | 22.6%; | Average loss: | 2.6284 |
| Iteration: | 906; | Percent complete: | 22.7%; | Average loss: | 2.7470 |
| Iteration: | 907; | Percent complete: | 22.7%; | Average loss: | 2.4434 |
| Iteration: | 908; | Percent complete: | 22.7%; | Average loss: | 2.7142 |
| Iteration: | 909; | Percent complete: | 22.7%; | Average loss: | 2.6059 |
| Iteration: | 910; | Percent complete: | 22.8%; | Average loss: | 2.8836 |
| Iteration: | 911; | Percent complete: | 22.8%; | Average loss: | 2.6721 |
| Iteration: | 912; | Percent complete: | 22.8%; | Average loss: | 2.6889 |
| Iteration: | 913; | Percent complete: | 22.8%; | Average loss: | 2.5668 |
| Iteration: | 914; | Percent complete: | 22.9%; | Average loss: | 2.5709 |
| Iteration: | 915; | Percent complete: | 22.9%; | Average loss: | 2.5587 |
| Iteration: | 916; | Percent complete: | 22.9%; | Average loss: | 2.7703 |
| Iteration: | 917; | Percent complete: | 22.9%; | Average loss: | 2.7859 |
| Iteration: | 918; | Percent complete: | 22.9%; | Average loss: | 2.4980 |
| Iteration: | 919; | Percent complete: | 23.0%; | Average loss: | 2.6288 |
| Iteration: | 920; | Percent complete: | 23.0%; | Average loss: | 2.7658 |
| Iteration: | 921; | Percent complete: | 23.0%; | Average loss: | 2.4177 |
| Iteration: | 922; | Percent complete: | 23.1%; | Average loss: | 2.6675 |
| Iteration: | 923; | Percent complete: | 23.1%; | Average loss: | 2.7921 |
| Iteration: | 924; | Percent complete: | 23.1%; | Average loss: | 2.7356 |
| Iteration: | 925; | Percent complete: | 23.1%; | Average loss: | 2.6138 |
| Iteration: | 926; | Percent complete: | 23.2%; | Average loss: | 2.7257 |
| Iteration: | 927; | Percent complete: | 23.2%; | Average loss: | 2.4892 |
| Iteration: | 928; | Percent complete: | 23.2%; | Average loss: | 2.8475 |
| Iteration: | 929; | Percent complete: | 23.2%; | Average loss: | 2.5882 |
| Iteration: | 930; | Percent complete: | 23.2%; | Average loss: | 2.7689 |
| Iteration: | 931; | Percent complete: | 23.3%; | Average loss: | 2.6692 |
| Iteration: | 932; | Percent complete: | 23.3%; | Average loss: | 2.4572 |
| Iteration: | 933; | Percent complete: | 23.3%; | Average loss: | 2.5587 |
| Iteration: | 934; | Percent complete: | 23.4%; | Average loss: | 2.6474 |
| Iteration: | 935; | Percent complete: | 23.4%; | Average loss: | 2.8268 |
| Iteration: | 936; | Percent complete: | 23.4%; | Average loss: | 2.5730 |
| Iteration: | 937; | Percent complete: | 23.4%; | Average loss: | 2.6757 |
| Iteration: | 938; | Percent complete: | 23.4%; | Average loss: | 2.9046 |
| Iteration: | 939; | Percent complete: | 23.5%; | Average loss: | 2.5317 |
| Iteration: | 940; | Percent complete: | 23.5%; | Average loss: | 2.6625 |
| Iteration: | 941; | Percent complete: | 23.5%; | Average loss: | 2.7366 |
| Iteration: | 942; | Percent complete: | 23.5%; | Average loss: | 2.6082 |
| Iteration: | 943; | Percent complete: | 23.6%; | Average loss: | 2.5170 |
| Iteration: | 944; | Percent complete: | 23.6%; | Average loss: | 2.4116 |
| Iteration: | 945; | Percent complete: | 23.6%; | Average loss: | 2.6922 |
| Iteration: | 946; | Percent complete: | 23.6%; | Average loss: | 2.6600 |
| Iteration: | 947; | Percent complete: | 23.7%; | Average loss: | 2.6257 |
| Iteration: | 948; | Percent complete: | 23.7%; | Average loss: | 2.7201 |
| Iteration: | 949; | Percent complete: | 23.7%; | Average loss: | 2.6339 |
| Iteration: | 950; | Percent complete: | 23.8%; | Average loss: | 2.7944 |
| Iteration: | 951; | Percent complete: | 23.8%; | Average loss: | 2.7110 |
| Iteration: | 952; | Percent complete: | 23.8%; | Average loss: | 2.6227 |
| Iteration: | 953; | Percent complete: | 23.8%; | Average loss: | 2.4163 |
| Iteration: | 954; | Percent complete: | 23.8%; | Average loss: | 2.6770 |
| Iteration: | 955; | Percent complete: | 23.9%; | Average loss: | 2.5962 |
| Iteration: | 956; | Percent complete: | 23.9%; | Average loss: | 2.7527 |
| Iteration: | 957; | Percent complete: | 23.9%; | Average loss: | 2.6731 |
| Iteration: | 958; | Percent complete: | 23.9%; | Average loss: | 2.6463 |
| Iteration: | 959; | Percent complete: | 24.0%; | Average loss: | 2.6222 |
| Iteration: | 960; | Percent complete: | 24.0%; | Average loss: | 2.6227 |
| Iteration: | 961; | Percent complete: | 24.0%; | Average loss: | 2.3790 |
| Iteration: | 962; | Percent complete: | 24.1%; | Average loss: | 2.7042 |
| Iteration: | 963; | Percent complete: | 24.1%; | Average loss: | 2.5823 |
| Iteration: | 964; | Percent complete: | 24.1%; | Average loss: | 2.7712 |
| Iteration: | 965; | Percent complete: | 24.1%; | Average loss: | 2.7169 |
| Iteration: | 966; | Percent complete: | 24.1%; | Average loss: | 2.7173 |
| Iteration: | 967; | Percent complete: | 24.2%; | Average loss: | 2.6451 |
| Iteration: | 968; | Percent complete: | 24.2%; | Average loss: | 2.7168 |
| Iteration: | 969; | Percent complete: | 24.2%; | Average loss: | 2.7437 |
| Iteration: | 970; | Percent complete: | 24.2%; | Average loss: | 2.6413 |
| Iteration: | 971; | Percent complete: | 24.3%; | Average loss: | 2.8666 |
| Iteration: | 972; | Percent complete: | 24.3%; | Average loss: | 2.5680 |
| Iteration: | 973  |                   |        |               |        |

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Iteration: 1078; Percent complete: 27.0%; Average loss: 2.6805  
Iteration: 1079; Percent complete: 27.0%; Average loss: 2.6805  
Iteration: 1080; Percent complete: 27.0%; Average loss: 2.7379  
Iteration: 1081; Percent complete: 27.0%; Average loss: 2.8471  
Iteration: 1082; Percent complete: 27.1%; Average loss: 2.7280  
Iteration: 1083; Percent complete: 27.1%; Average loss: 2.4889  
Iteration: 1084; Percent complete: 27.1%; Average loss: 2.6505  
Iteration: 1085; Percent complete: 27.1%; Average loss: 2.5745  
Iteration: 1086; Percent complete: 27.2%; Average loss: 2.7976  
Iteration: 1087; Percent complete: 27.2%; Average loss: 2.6560  
Iteration: 1088; Percent complete: 27.2%; Average loss: 2.6719  
Iteration: 1089; Percent complete: 27.2%; Average loss: 2.8136  
Iteration: 1090; Percent complete: 27.3%; Average loss: 2.5803  
Iteration: 1091; Percent complete: 27.3%; Average loss: 2.6301  
Iteration: 1092; Percent complete: 27.3%; Average loss: 2.6792  
Iteration: 1093; Percent complete: 27.3%; Average loss: 2.6911  
Iteration: 1094; Percent complete: 27.4%; Average loss: 2.4457  
Iteration: 1095; Percent complete: 27.4%; Average loss: 2.4068  
Iteration: 1096; Percent complete: 27.4%; Average loss: 2.6281  
Iteration: 1097; Percent complete: 27.4%; Average loss: 2.8326  
Iteration: 1098; Percent complete: 27.5%; Average loss: 2.7338  
Iteration: 1099; Percent complete: 27.5%; Average loss: 2.6087  
Iteration: 1100; Percent complete: 27.5%; Average loss: 2.7555  
Iteration: 1101; Percent complete: 27.5%; Average loss: 2.5298  
Iteration: 1102; Percent complete: 27.6%; Average loss: 2.6313  
Iteration: 1103; Percent complete: 27.6%; Average loss: 2.5488  
Iteration: 1104; Percent complete: 27.6%; Average loss: 2.6375  
Iteration: 1105; Percent complete: 27.6%; Average loss: 2.5777  
Iteration: 1106; Percent complete: 27.7%; Average loss: 2.6994  
Iteration: 1107; Percent complete: 27.7%; Average loss: 2.5308  
Iteration: 1108; Percent complete: 27.7%; Average loss: 2.7144  
Iteration: 1109; Percent complete: 27.7%; Average loss: 2.6160  
Iteration: 1110; Percent complete: 27.8%; Average loss: 2.6971  
Iteration: 1111; Percent complete: 27.8%; Average loss: 2.6906  
Iteration: 1112; Percent complete: 27.8%; Average loss: 2.5067  
Iteration: 1113; Percent complete: 27.8%; Average loss: 2.7714  
Iteration: 1114; Percent complete: 27.9%; Average loss: 2.6566  
Iteration: 1115; Percent complete: 27.9%; Average loss: 2.7701  
Iteration: 1116; Percent complete: 27.9%; Average loss: 2.5900  
Iteration: 1117; Percent complete: 27.9%; Average loss: 2.5747  
Iteration: 1118; Percent complete: 28.0%; Average loss: 3.0562  
Iteration: 1119; Percent complete: 28.0%; Average loss: 2.5080  
Iteration: 1120; Percent complete: 28.0%; Average loss: 2.6138  
Iteration: 1121; Percent complete: 28.0%; Average loss: 2.5944  
Iteration: 1122; Percent complete: 28.1%; Average loss: 2.5840  
Iteration: 1123; Percent complete: 28.1%; Average loss: 2.7621  
Iteration: 1124; Percent complete: 28.1%; Average loss: 2.6945  
Iteration: 1125; Percent complete: 28.1%; Average loss: 2.5495  
Iteration: 1126; Percent complete: 28.1%; Average loss: 2.3171  
Iteration: 1127; Percent complete: 28.2%; Average loss: 2.5274  
Iteration: 1128; Percent complete: 28.2%; Average loss: 2.6475  
Iteration: 1129; Percent complete: 28.2%; Average loss: 2.6173  
Iteration: 1130; Percent complete: 28.2%; Average loss: 2.5207  
Iteration: 1131; Percent complete: 28.3%; Average loss: 2.7687  
Iteration: 1132; Percent complete: 28.3%; Average loss: 2.6296  
Iteration: 1133; Percent complete: 28.3%; Average loss: 2.7811  
Iteration: 1134; Percent complete: 28.3%; Average loss: 2.6390  
Iteration: 1135; Percent complete: 28.4%; Average loss: 2.6982  
Iteration: 1136; Percent complete: 28.4%; Average loss: 2.8001  
Iteration: 1137; Percent complete: 28.4%; Average loss: 2.3625  
Iteration: 1138; Percent complete: 28.4%; Average loss: 2.6234  
Iteration: 1139; Percent complete: 28.5%; Average loss: 2.4682  
Iteration: 1140; Percent complete: 28.5%; Average loss: 2.5321  
Iteration: 1141; Percent complete: 28.5%; Average loss: 2.8536  
Iteration: 1142; Percent complete: 28.5%; Average loss: 2.4353  
Iteration: 1143; Percent complete: 28.6%; Average loss: 2.7975  
Iteration: 1144; Percent complete: 28.6%; Average loss: 2.5491  
Iteration: 1145; Percent complete: 28.6%; Average loss: 2.5546  
Iteration: 1146; Percent complete: 28.6%; Average loss: 2.8498  
Iteration: 1147; Percent complete: 28.7%; Average loss: 2.6349  
Iteration: 1148; Percent complete: 28.7%; Average loss: 2.6578  
Iteration: 1149; Percent complete: 28.7%; Average loss: 2.6898  
Iteration: 1150; Percent complete: 28.7%; Average loss: 3.0943  
Iteration: 1151; Percent complete: 28.8%; Average loss: 2.7951  
Iteration: 1152; Percent complete: 28.8%; Average loss: 2.6231  
Iteration: 1153; Percent complete: 28.8%; Average loss: 2.7004  
Iteration: 1154; Percent complete: 28.8%; Average loss: 2.6760  
Iteration: 1155; Percent complete: 28.9%; Average loss: 2.4329  
Iteration: 1156; Percent complete: 28.9%; Average loss: 2.6261  
Iteration: 1157; Percent complete: 28.9%; Average loss: 2.6328  
Iteration: 1158; Percent complete: 28.9%; Average loss: 2.7686  
Iteration: 1159; Percent complete: 29.0%; Average loss: 2.5320  
Iteration: 1160; Percent complete: 29.0%; Average loss: 2.6758  
Iteration: 1161; Percent complete: 29.0%; Average loss: 2.3716  
Iteration: 1162; Percent complete: 29.0%; Average loss: 2.5781  
Iteration: 1163; Percent complete: 29.1%; Average loss: 2.7510  
Iteration: 1164; Percent complete: 29.1%; Average loss: 2.6780  
Iteration: 1165; Percent complete: 29.1%; Average loss: 2.6636  
Iteration: 1166; Percent complete: 29.1%; Average loss: 2.6691  
Iteration: 1167; Percent complete: 29.2%; Average loss: 3.1436  
Iteration: 1168; Percent complete: 29.2%; Average loss: 2.3267  
Iteration: 1169; Percent complete: 29.2%; Average loss: 2.4620

|            |       |         |           |        |         |       |        |
|------------|-------|---------|-----------|--------|---------|-------|--------|
| Iteration: | 1170; | Percent | complete: | 29.2%; | Average | loss: | 2.6914 |
| Iteration: | 1171; | Percent | complete: | 29.3%; | Average | loss: | 2.5412 |
| Iteration: | 1172; | Percent | complete: | 29.3%; | Average | loss: | 2.5452 |
| Iteration: | 1173; | Percent | complete: | 29.3%; | Average | loss: | 2.6419 |
| Iteration: | 1174; | Percent | complete: | 29.3%; | Average | loss: | 2.5804 |
| Iteration: | 1175; | Percent | complete: | 29.4%; | Average | loss: | 2.7848 |
| Iteration: | 1176; | Percent | complete: | 29.4%; | Average | loss: | 2.6765 |
| Iteration: | 1177; | Percent | complete: | 29.4%; | Average | loss: | 2.7116 |
| Iteration: | 1178; | Percent | complete: | 29.4%; | Average | loss: | 2.7273 |
| Iteration: | 1179; | Percent | complete: | 29.5%; | Average | loss: | 2.7965 |
| Iteration: | 1180; | Percent | complete: | 29.5%; | Average | loss: | 2.4436 |
| Iteration: | 1181; | Percent | complete: | 29.5%; | Average | loss: | 2.5635 |
| Iteration: | 1182; | Percent | complete: | 29.5%; | Average | loss: | 2.8285 |
| Iteration: | 1183; | Percent | complete: | 29.6%; | Average | loss: | 2.6008 |
| Iteration: | 1184; | Percent | complete: | 29.6%; | Average | loss: | 2.8225 |
| Iteration: | 1185; | Percent | complete: | 29.6%; | Average | loss: | 2.9155 |
| Iteration: | 1186; | Percent | complete: | 29.6%; | Average | loss: | 2.5097 |
| Iteration: | 1187; | Percent | complete: | 29.7%; | Average | loss: | 2.8023 |
| Iteration: | 1188; | Percent | complete: | 29.7%; | Average | loss: | 2.8224 |
| Iteration: | 1189; | Percent | complete: | 29.7%; | Average | loss: | 2.4208 |
| Iteration: | 1190; | Percent | complete: | 29.8%; | Average | loss: | 2.6544 |
| Iteration: | 1191; | Percent | complete: | 29.8%; | Average | loss: | 2.4526 |
| Iteration: | 1192; | Percent | complete: | 29.8%; | Average | loss: | 2.7853 |
| Iteration: | 1193; | Percent | complete: | 29.8%; | Average | loss: | 2.6404 |
| Iteration: | 1194; | Percent | complete: | 29.8%; | Average | loss: | 2.7993 |
| Iteration: | 1195; | Percent | complete: | 29.9%; | Average | loss: | 2.6879 |
| Iteration: | 1196; | Percent | complete: | 29.9%; | Average | loss: | 2.6373 |
| Iteration: | 1197; | Percent | complete: | 29.9%; | Average | loss: | 2.6963 |
| Iteration: | 1198; | Percent | complete: | 29.9%; | Average | loss: | 2.6243 |
| Iteration: | 1199; | Percent | complete: | 30.0%; | Average | loss: | 2.6796 |
| Iteration: | 1200; | Percent | complete: | 30.0%; | Average | loss: | 2.4743 |
| Iteration: | 1201; | Percent | complete: | 30.0%; | Average | loss: | 2.8152 |
| Iteration: | 1202; | Percent | complete: | 30.0%; | Average | loss: | 2.7003 |
| Iteration: | 1203; | Percent | complete: | 30.1%; | Average | loss: | 3.0653 |
| Iteration: | 1204; | Percent | complete: | 30.1%; | Average | loss: | 2.6605 |
| Iteration: | 1205; | Percent | complete: | 30.1%; | Average | loss: | 2.5716 |
| Iteration: | 1206; | Percent | complete: | 30.1%; | Average | loss: | 2.6773 |
| Iteration: | 1207; | Percent | complete: | 30.2%; | Average | loss: | 2.8918 |
| Iteration: | 1208; | Percent | complete: | 30.2%; | Average | loss: | 2.6732 |
| Iteration: | 1209; | Percent | complete: | 30.2%; | Average | loss: | 2.6332 |
| Iteration: | 1210; | Percent | complete: | 30.2%; | Average | loss: | 2.6185 |
| Iteration: | 1211; | Percent | complete: | 30.3%; | Average | loss: | 2.7266 |
| Iteration: | 1212; | Percent | complete: | 30.3%; | Average | loss: | 2.5683 |
| Iteration: | 1213; | Percent | complete: | 30.3%; | Average | loss: | 2.7653 |
| Iteration: | 1214; | Percent | complete: | 30.3%; | Average | loss: | 2.5955 |
| Iteration: | 1215; | Percent | complete: | 30.4%; | Average | loss: | 2.4569 |
| Iteration: | 1216; | Percent | complete: | 30.4%; | Average | loss: | 2.5208 |
| Iteration: | 1217; | Percent | complete: | 30.4%; | Average | loss: | 2.5083 |
| Iteration: | 1218; | Percent | complete: | 30.4%; | Average | loss: | 2.8252 |
| Iteration: | 1219; | Percent | complete: | 30.5%; | Average | loss: | 2.5945 |
| Iteration: | 1220; | Percent | complete: | 30.5%; | Average | loss: | 2.6246 |
| Iteration: | 1221; | Percent | complete: | 30.5%; | Average | loss: | 2.6596 |
| Iteration: | 1222; | Percent | complete: | 30.6%; | Average | loss: | 2.6334 |
| Iteration: | 1223; | Percent | complete: | 30.6%; | Average | loss: | 2.3138 |
| Iteration: | 1224; | Percent | complete: | 30.6%; | Average | loss: | 2.5207 |
| Iteration: | 1225; | Percent | complete: | 30.6%; | Average | loss: | 2.4423 |
| Iteration: | 1226; | Percent | complete: | 30.6%; | Average | loss: | 2.5173 |
| Iteration: | 1227; | Percent | complete: | 30.7%; | Average | loss: | 2.5684 |
| Iteration: | 1228; | Percent | complete: | 30.7%; | Average | loss: | 2.7029 |
| Iteration: | 1229; | Percent | complete: | 30.7%; | Average | loss: | 2.8238 |
| Iteration: | 1230; | Percent | complete: | 30.8%; | Average | loss: | 2.7753 |
| Iteration: | 1231; | Percent | complete: | 30.8%; | Average | loss: | 2.6666 |
| Iteration: | 1232; | Percent | complete: | 30.8%; | Average | loss: | 2.6668 |
| Iteration: | 1233; | Percent | complete: | 30.8%; | Average | loss: | 2.5176 |



|            |       |                   |        |               |        |
|------------|-------|-------------------|--------|---------------|--------|
| Iteration: | 1352; | Percent complete: | 33.8%; | Average loss: | 2.5563 |
| Iteration: | 1353; | Percent complete: | 33.8%; | Average loss: | 2.6440 |
| Iteration: | 1354; | Percent complete: | 33.9%; | Average loss: | 2.4770 |
| Iteration: | 1355; | Percent complete: | 33.9%; | Average loss: | 2.5043 |
| Iteration: | 1356; | Percent complete: | 33.9%; | Average loss: | 2.4986 |
| Iteration: | 1357; | Percent complete: | 33.9%; | Average loss: | 2.8236 |
| Iteration: | 1358; | Percent complete: | 34.0%; | Average loss: | 2.6519 |
| Iteration: | 1359; | Percent complete: | 34.0%; | Average loss: | 2.8851 |
| Iteration: | 1360; | Percent complete: | 34.0%; | Average loss: | 2.4180 |
| Iteration: | 1361; | Percent complete: | 34.0%; | Average loss: | 2.5893 |
| Iteration: | 1362; | Percent complete: | 34.1%; | Average loss: | 2.5090 |
| Iteration: | 1363; | Percent complete: | 34.1%; | Average loss: | 2.7966 |
| Iteration: | 1364; | Percent complete: | 34.1%; | Average loss: | 2.5572 |
| Iteration: | 1365; | Percent complete: | 34.1%; | Average loss: | 2.8145 |
| Iteration: | 1366; | Percent complete: | 34.2%; | Average loss: | 2.8226 |
| Iteration: | 1367; | Percent complete: | 34.2%; | Average loss: | 2.6312 |
| Iteration: | 1368; | Percent complete: | 34.2%; | Average loss: | 2.6154 |
| Iteration: | 1369; | Percent complete: | 34.2%; | Average loss: | 2.4661 |
| Iteration: | 1370; | Percent complete: | 34.2%; | Average loss: | 2.7154 |
| Iteration: | 1371; | Percent complete: | 34.3%; | Average loss: | 2.5204 |
| Iteration: | 1372; | Percent complete: | 34.3%; | Average loss: | 2.7180 |
| Iteration: | 1373; | Percent complete: | 34.3%; | Average loss: | 2.5285 |
| Iteration: | 1374; | Percent complete: | 34.4%; | Average loss: | 2.7882 |
| Iteration: | 1375; | Percent complete: | 34.4%; | Average loss: | 2.6952 |
| Iteration: | 1376; | Percent complete: | 34.4%; | Average loss: | 2.4803 |
| Iteration: | 1377; | Percent complete: | 34.4%; | Average loss: | 2.6302 |
| Iteration: | 1378; | Percent complete: | 34.4%; | Average loss: | 2.7629 |
| Iteration: | 1379; | Percent complete: | 34.5%; | Average loss: | 2.6616 |
| Iteration: | 1380; | Percent complete: | 34.5%; | Average loss: | 2.6110 |
| Iteration: | 1381; | Percent complete: | 34.5%; | Average loss: | 2.7260 |
| Iteration: | 1382; | Percent complete: | 34.5%; | Average loss: | 2.6561 |
| Iteration: | 1383; | Percent complete: | 34.6%; | Average loss: | 2.7216 |
| Iteration: | 1384; | Percent complete: | 34.6%; | Average loss: | 2.8343 |
| Iteration: | 1385; | Percent complete: | 34.6%; | Average loss: | 2.6347 |
| Iteration: | 1386; | Percent complete: | 34.6%; | Average loss: | 2.9447 |
| Iteration: | 1387; | Percent complete: | 34.7%; | Average loss: | 3.0189 |
| Iteration: | 1388; | Percent complete: | 34.7%; | Average loss: | 2.5625 |
| Iteration: | 1389; | Percent complete: | 34.7%; | Average loss: | 2.5883 |
| Iteration: | 1390; | Percent complete: | 34.8%; | Average loss: | 2.5518 |
| Iteration: | 1391; | Percent complete: | 34.8%; | Average loss: | 2.5302 |
| Iteration: | 1392; | Percent complete: | 34.8%; | Average loss: | 2.3563 |
| Iteration: | 1393; | Percent complete: | 34.8%; | Average loss: | 2.5846 |
| Iteration: | 1394; | Percent complete: | 34.8%; | Average loss: | 2.5917 |
| Iteration: | 1395; | Percent complete: | 34.9%; | Average loss: | 2.7879 |
| Iteration: | 1396; | Percent complete: | 34.9%; | Average loss: | 2.5642 |
| Iteration: | 1397; | Percent complete: | 34.9%; | Average loss: | 2.4903 |
| Iteration: | 1398; | Percent complete: | 34.9%; | Average loss: | 2.6460 |
| Iteration: | 1399; | Percent complete: | 35.0%; | Average loss: | 2.4782 |
| Iteration: | 1400; | Percent complete: | 35.0%; | Average loss: | 2.5617 |
| Iteration: | 1401; | Percent complete: | 35.0%; | Average loss: | 2.7224 |
| Iteration: | 1402; | Percent complete: | 35.0%; | Average loss: | 2.6675 |
| Iteration: | 1403; | Percent complete: | 35.1%; | Average loss: | 2.7213 |
| Iteration: | 1404; | Percent complete: | 35.1%; | Average loss: | 2.5574 |
| Iteration: | 1405; | Percent complete: | 35.1%; | Average loss: | 2.5866 |
| Iteration: | 1406; | Percent complete: | 35.1%; | Average loss: | 2.6694 |
| Iteration: | 1407; | Percent complete: | 35.2%; | Average loss: | 2.7562 |
| Iteration: | 1408; | Percent complete: | 35.2%; | Average loss: | 2.5741 |
| Iteration: | 1409; | Percent complete: | 35.2%; | Average loss: | 2.4580 |
| Iteration: | 1410; | Percent complete: | 35.2%; | Average loss: | 2.6339 |
| Iteration: | 1411; | Percent complete: | 35.3%; | Average loss: | 2.5803 |
| Iteration: | 1412; | Percent complete: | 35.3%; | Average loss: | 2.6580 |
| Iteration: | 1413; | Percent complete: | 35.3%; | Average loss: | 2.7565 |
| Iteration: | 1414; | Percent complete: | 35.4%; | Average loss: | 2.6416 |
| Iteration: | 1415; | Percent complete: | 35.4%; | Average loss: | 2.6257 |
| Iteration: | 1416; | Percent complete: | 35.4%; | Average loss: | 2.5584 |
| Iteration: | 1417; | Percent complete: | 35.4%; | Average loss: | 2.5065 |
| Iteration: | 1418; | Percent complete: | 35.4%; | Average loss: | 2.5767 |
| Iteration: | 1419; | Percent complete: | 35.5%; | Average loss: | 2.7144 |
| Iteration: | 1420; | Percent complete: | 35.5%; | Average loss: | 2.6705 |
| Iteration: | 1421; | Percent complete: | 35.5%; | Average loss: | 2.5996 |
| Iteration: | 1422; | Percent complete: | 35.5%; | Average loss: | 2.5697 |
| Iteration: | 1423; | Percent complete: | 35.6%; | Average loss: | 2.8236 |
| Iteration: | 1424; | Percent complete: | 35.6%; | Average loss: | 2.6631 |
| Iteration: | 1425; | Percent complete: | 35.6%; | Average loss: | 2.4542 |
| Iteration: | 1426; | Percent complete: | 35.6%; | Average loss: | 2.8786 |
| Iteration: | 1427; | Percent complete: | 35.7%; | Average loss: | 2      |

|            |       |                   |        |               |        |
|------------|-------|-------------------|--------|---------------|--------|
| Iteration: | 1443; | Percent complete: | 36.1%; | Average loss: | 2.7822 |
| Iteration: | 1444; | Percent complete: | 36.1%; | Average loss: | 2.6877 |
| Iteration: | 1445; | Percent complete: | 36.1%; | Average loss: | 2.7579 |
| Iteration: | 1446; | Percent complete: | 36.1%; | Average loss: | 2.6882 |
| Iteration: | 1447; | Percent complete: | 36.2%; | Average loss: | 2.8839 |
| Iteration: | 1448; | Percent complete: | 36.2%; | Average loss: | 2.8352 |
| Iteration: | 1449; | Percent complete: | 36.2%; | Average loss: | 2.8274 |
| Iteration: | 1450; | Percent complete: | 36.2%; | Average loss: | 2.4942 |
| Iteration: | 1451; | Percent complete: | 36.3%; | Average loss: | 2.7892 |
| Iteration: | 1452; | Percent complete: | 36.3%; | Average loss: | 2.7572 |
| Iteration: | 1453; | Percent complete: | 36.3%; | Average loss: | 2.7781 |
| Iteration: | 1454; | Percent complete: | 36.4%; | Average loss: | 2.6786 |
| Iteration: | 1455; | Percent complete: | 36.4%; | Average loss: | 2.6232 |
| Iteration: | 1456; | Percent complete: | 36.4%; | Average loss: | 2.7603 |
| Iteration: | 1457; | Percent complete: | 36.4%; | Average loss: | 2.9165 |
| Iteration: | 1458; | Percent complete: | 36.4%; | Average loss: | 2.8246 |
| Iteration: | 1459; | Percent complete: | 36.5%; | Average loss: | 2.9111 |
| Iteration: | 1460; | Percent complete: | 36.5%; | Average loss: | 2.4099 |
| Iteration: | 1461; | Percent complete: | 36.5%; | Average loss: | 2.6139 |
| Iteration: | 1462; | Percent complete: | 36.5%; | Average loss: | 2.6354 |
| Iteration: | 1463; | Percent complete: | 36.6%; | Average loss: | 2.5900 |
| Iteration: | 1464; | Percent complete: | 36.6%; | Average loss: | 2.6949 |
| Iteration: | 1465; | Percent complete: | 36.6%; | Average loss: | 2.6228 |
| Iteration: | 1466; | Percent complete: | 36.6%; | Average loss: | 2.5500 |
| Iteration: | 1467; | Percent complete: | 36.7%; | Average loss: | 2.6946 |
| Iteration: | 1468; | Percent complete: | 36.7%; | Average loss: | 2.5441 |
| Iteration: | 1469; | Percent complete: | 36.7%; | Average loss: | 2.5271 |
| Iteration: | 1470; | Percent complete: | 36.8%; | Average loss: | 2.5526 |
| Iteration: | 1471; | Percent complete: | 36.8%; | Average loss: | 2.6312 |
| Iteration: | 1472; | Percent complete: | 36.8%; | Average loss: | 2.8184 |
| Iteration: | 1473; | Percent complete: | 36.8%; | Average loss: | 2.5993 |
| Iteration: | 1474; | Percent complete: | 36.9%; | Average loss: | 2.7012 |
| Iteration: | 1475; | Percent complete: | 36.9%; | Average loss: | 2.5373 |
| Iteration: | 1476; | Percent complete: | 36.9%; | Average loss: | 2.6977 |
| Iteration: | 1477; | Percent complete: | 36.9%; | Average loss: | 2.5782 |
| Iteration: | 1478; | Percent complete: | 37.0%; | Average loss: | 2.6074 |
| Iteration: | 1479; | Percent complete: | 37.0%; | Average loss: | 2.5933 |
| Iteration: | 1480; | Percent complete: | 37.0%; | Average loss: | 2.8372 |
| Iteration: | 1481; | Percent complete: | 37.0%; | Average loss: | 2.5676 |
| Iteration: | 1482; | Percent complete: | 37.0%; | Average loss: | 2.6400 |
| Iteration: | 1483; | Percent complete: | 37.1%; | Average loss: | 2.6562 |
| Iteration: | 1484; | Percent complete: | 37.1%; | Average loss: | 2.6114 |
| Iteration: | 1485; | Percent complete: | 37.1%; | Average loss: | 2.5178 |
| Iteration: | 1486; | Percent complete: | 37.1%; | Average loss: | 2.6567 |
| Iteration: | 1487; | Percent complete: | 37.2%; | Average loss: | 2.6606 |
| Iteration: | 1488; | Percent complete: | 37.2%; | Average loss: | 2.8193 |
| Iteration: | 1489; | Percent complete: | 37.2%; | Average loss: | 2.4027 |
| Iteration: | 1490; | Percent complete: | 37.2%; | Average loss: | 2.5770 |
| Iteration: | 1491; | Percent complete: | 37.3%; | Average loss: | 2.4947 |
| Iteration: | 1492; | Percent complete: | 37.3%; | Average loss: | 2.5611 |
| Iteration: | 1493; | Percent complete: | 37.3%; | Average loss: | 2.6525 |
| Iteration: | 1494; | Percent complete: | 37.4%; | Average loss: | 2.4029 |
| Iteration: | 1495; | Percent complete: | 37.4%; | Average loss: | 2.4461 |
| Iteration: | 1496; | Percent complete: | 37.4%; | Average loss: | 2.7771 |
| Iteration: | 1497; | Percent complete: | 37.4%; | Average loss: | 2.6790 |
| Iteration: | 1498; | Percent complete: | 37.5%; | Average loss: | 2.6659 |
| Iteration: | 1499; | Percent complete: | 37.5%; | Average loss: | 2.4900 |
| Iteration: | 1500; | Percent complete: | 37.5%; | Average loss: | 2.5366 |
| Iteration: | 1501; | Percent complete: | 37.5%; | Average loss: | 2.7623 |
| Iteration: | 1502; | Percent complete: | 37.5%; | Average loss: | 2.6383 |
| Iteration: | 1503; | Percent complete: | 37.6%; | Average loss: | 2.6500 |
| Iteration: | 1504; | Percent complete: | 37.6%; | Average loss: | 2.3550 |
| Iteration: | 1505; | Percent complete: | 37.6%; | Average loss: | 2.6972 |
| Iteration: | 1506; | Percent complete: | 37.6%; | Average loss: | 2.6779 |
| Iteration: | 1507; | Percent complete: | 37.7%; | Average loss: | 2.6382 |
| Iteration: | 1508; | Percent complete: | 37.7%; | Average loss: | 2.5179 |
| Iteration: | 1509; | Percent complete: | 37.7%; | Average loss: | 2.9037 |
| Iteration: | 1510; | Percent complete: | 37.8%; | Average loss: | 2.6903 |
| Iteration: | 1511; | Percent complete: | 37.8%; | Average loss: | 2.8516 |
| Iteration: | 1512; | Percent complete: | 37.8%; | Average loss: | 2.5595 |
| Iteration: | 1513; | Percent complete: | 37.8%; | Average loss: | 2.5540 |
| Iteration: | 1514; | Percent complete: | 37.9%; | Average loss: | 2.5803 |
| Iteration: | 1515; | Percent complete: | 37.9%; | Average loss: | 2.5387 |
| Iteration: | 1516; | Percent complete: | 37.9%; | Average loss: | 2.7417 |
| Iteration: | 1517; | Percent complete: | 37.9%; | Average loss: | 2.5965 |
| Iteration: | 1518; | Percent complete: | 38.0%; | Average loss: | 2      |

|            |       |         |           |        |         |       |        |
|------------|-------|---------|-----------|--------|---------|-------|--------|
| Iteration: | 1535; | Percent | complete: | 38.4%; | Average | loss: | 2.5348 |
| Iteration: | 1536; | Percent | complete: | 38.4%; | Average | loss: | 2.7014 |
| Iteration: | 1537; | Percent | complete: | 38.4%; | Average | loss: | 2.5558 |
| Iteration: | 1538; | Percent | complete: | 38.5%; | Average | loss: | 2.9134 |
| Iteration: | 1539; | Percent | complete: | 38.5%; | Average | loss: | 2.7989 |
| Iteration: | 1540; | Percent | complete: | 38.5%; | Average | loss: | 2.7262 |
| Iteration: | 1541; | Percent | complete: | 38.5%; | Average | loss: | 2.4173 |
| Iteration: | 1542; | Percent | complete: | 38.6%; | Average | loss: | 2.7206 |
| Iteration: | 1543; | Percent | complete: | 38.6%; | Average | loss: | 2.6983 |
| Iteration: | 1544; | Percent | complete: | 38.6%; | Average | loss: | 2.5503 |
| Iteration: | 1545; | Percent | complete: | 38.6%; | Average | loss: | 2.5448 |
| Iteration: | 1546; | Percent | complete: | 38.6%; | Average | loss: | 2.9611 |
| Iteration: | 1547; | Percent | complete: | 38.7%; | Average | loss: | 2.6471 |
| Iteration: | 1548; | Percent | complete: | 38.7%; | Average | loss: | 2.5605 |
| Iteration: | 1549; | Percent | complete: | 38.7%; | Average | loss: | 2.6127 |
| Iteration: | 1550; | Percent | complete: | 38.8%; | Average | loss: | 2.7144 |
| Iteration: | 1551; | Percent | complete: | 38.8%; | Average | loss: | 2.7414 |
| Iteration: | 1552; | Percent | complete: | 38.8%; | Average | loss: | 2.7302 |
| Iteration: | 1553; | Percent | complete: | 38.8%; | Average | loss: | 2.5178 |
| Iteration: | 1554; | Percent | complete: | 38.9%; | Average | loss: | 2.6488 |
| Iteration: | 1555; | Percent | complete: | 38.9%; | Average | loss: | 2.6392 |
| Iteration: | 1556; | Percent | complete: | 38.9%; | Average | loss: | 2.7099 |
| Iteration: | 1557; | Percent | complete: | 38.9%; | Average | loss: | 2.5489 |
| Iteration: | 1558; | Percent | complete: | 39.0%; | Average | loss: | 2.8276 |
| Iteration: | 1559; | Percent | complete: | 39.0%; | Average | loss: | 2.6266 |
| Iteration: | 1560; | Percent | complete: | 39.0%; | Average | loss: | 2.6538 |
| Iteration: | 1561; | Percent | complete: | 39.0%; | Average | loss: | 2.8324 |
| Iteration: | 1562; | Percent | complete: | 39.1%; | Average | loss: | 2.5544 |
| Iteration: | 1563; | Percent | complete: | 39.1%; | Average | loss: | 2.8937 |
| Iteration: | 1564; | Percent | complete: | 39.1%; | Average | loss: | 2.6438 |
| Iteration: | 1565; | Percent | complete: | 39.1%; | Average | loss: | 2.7689 |
| Iteration: | 1566; | Percent | complete: | 39.1%; | Average | loss: | 2.6300 |
| Iteration: | 1567; | Percent | complete: | 39.2%; | Average | loss: | 2.6612 |
| Iteration: | 1568; | Percent | complete: | 39.2%; | Average | loss: | 2.7081 |
| Iteration: | 1569; | Percent | complete: | 39.2%; | Average | loss: | 2.3931 |
| Iteration: | 1570; | Percent | complete: | 39.2%; | Average | loss: | 2.4602 |
| Iteration: | 1571; | Percent | complete: | 39.3%; | Average | loss: | 2.4877 |
| Iteration: | 1572; | Percent | complete: | 39.3%; | Average | loss: | 2.6639 |
| Iteration: | 1573; | Percent | complete: | 39.3%; | Average | loss: | 2.6045 |
| Iteration: | 1574; | Percent | complete: | 39.4%; | Average | loss: | 2.6704 |
| Iteration: | 1575; | Percent | complete: | 39.4%; | Average | loss: | 2.7999 |
| Iteration: | 1576; | Percent | complete: | 39.4%; | Average | loss: | 2.5082 |
| Iteration: | 1577; | Percent | complete: | 39.4%; | Average | loss: | 2.5995 |
| Iteration: | 1578; | Percent | complete: | 39.5%; | Average | loss: | 2.8836 |
| Iteration: | 1579; | Percent | complete: | 39.5%; | Average | loss: | 2.6766 |
| Iteration: | 1580; | Percent | complete: | 39.5%; | Average | loss: | 2.8575 |
| Iteration: | 1581; | Percent | complete: | 39.5%; | Average | loss: | 2.6623 |
| Iteration: | 1582; | Percent | complete: | 39.6%; | Average | loss: | 2.7011 |
| Iteration: | 1583; | Percent | complete: | 39.6%; | Average | loss: | 2.6179 |
| Iteration: | 1584; | Percent | complete: | 39.6%; | Average | loss: | 2.5628 |
| Iteration: | 1585; | Percent | complete: | 39.6%; | Average | loss: | 2.6674 |
| Iteration: | 1586; | Percent | complete: | 39.6%; | Average | loss: | 2.3923 |
| Iteration: | 1587; | Percent | complete: | 39.7%; | Average | loss: | 2.5080 |
| Iteration: | 1588; | Percent | complete: | 39.7%; | Average | loss: | 2.5825 |
| Iteration: | 1589; | Percent | complete: | 39.7%; | Average | loss: | 2.5462 |
| Iteration: | 1590; | Percent | complete: | 39.8%; | Average | loss: | 2.4468 |
| Iteration: | 1591; | Percent | complete: | 39.8%; | Average | loss: | 2.5113 |
| Iteration: | 1592; | Percent | complete: | 39.8%; | Average | loss: | 2.5118 |
| Iteration: | 1593; | Percent | complete: | 39.8%; | Average | loss: | 2.7644 |
| Iteration: | 1594; | Percent | complete: | 39.9%; | Average | loss: | 2.6436 |
| Iteration: | 1595; | Percent | complete: | 39.9%; | Average | loss: | 2.6942 |
| Iteration: | 1596; | Percent | complete: | 39.9%; | Average | loss: | 2.6343 |
| Iteration: | 1597; | Percent | complete: | 39.9%; | Average | loss: | 2.7671 |
| Iteration: | 1598; | Percent | complete: | 40.0%; | Average | loss: | 2.7183 |



Iteration: 1626; Percent complete: 40.6%; Average loss: 2.8073  
Iteration: 1627; Percent complete: 40.7%; Average loss: 2.6662  
Iteration: 1628; Percent complete: 40.7%; Average loss: 2.6348  
Iteration: 1629; Percent complete: 40.7%; Average loss: 2.5090  
Iteration: 1630; Percent complete: 40.8%; Average loss: 2.7968  
Iteration: 1631; Percent complete: 40.8%; Average loss: 2.5168  
Iteration: 1632; Percent complete: 40.8%; Average loss: 2.8023  
Iteration: 1633; Percent complete: 40.8%; Average loss: 2.5878  
Iteration: 1634; Percent complete: 40.8%; Average loss: 2.5259  
Iteration: 1635; Percent complete: 40.9%; Average loss: 2.8690  
Iteration: 1636; Percent complete: 40.9%; Average loss: 2.6334  
Iteration: 1637; Percent complete: 40.9%; Average loss: 2.6020  
Iteration: 1638; Percent complete: 40.9%; Average loss: 2.5876  
Iteration: 1639; Percent complete: 41.0%; Average loss: 2.8195  
Iteration: 1640; Percent complete: 41.0%; Average loss: 2.5303  
Iteration: 1641; Percent complete: 41.0%; Average loss: 2.3905  
Iteration: 1642; Percent complete: 41.0%; Average loss: 2.4907  
Iteration: 1643; Percent complete: 41.1%; Average loss: 2.6375  
Iteration: 1644; Percent complete: 41.1%; Average loss: 2.8223  
Iteration: 1645; Percent complete: 41.1%; Average loss: 2.4958  
Iteration: 1646; Percent complete: 41.1%; Average loss: 2.7009  
Iteration: 1647; Percent complete: 41.2%; Average loss: 2.5768  
Iteration: 1648; Percent complete: 41.2%; Average loss: 2.6495  
Iteration: 1649; Percent complete: 41.2%; Average loss: 2.6469  
Iteration: 1650; Percent complete: 41.2%; Average loss: 2.6073  
Iteration: 1651; Percent complete: 41.3%; Average loss: 2.6682  
Iteration: 1652; Percent complete: 41.3%; Average loss: 2.5430  
Iteration: 1653; Percent complete: 41.3%; Average loss: 2.5072  
Iteration: 1654; Percent complete: 41.3%; Average loss: 2.7614  
Iteration: 1655; Percent complete: 41.4%; Average loss: 2.6863  
Iteration: 1656; Percent complete: 41.4%; Average loss: 2.5088  
Iteration: 1657; Percent complete: 41.4%; Average loss: 2.4537  
Iteration: 1658; Percent complete: 41.4%; Average loss: 2.6350  
Iteration: 1659; Percent complete: 41.5%; Average loss: 2.3908  
Iteration: 1660; Percent complete: 41.5%; Average loss: 2.9019  
Iteration: 1661; Percent complete: 41.5%; Average loss: 2.6858  
Iteration: 1662; Percent complete: 41.5%; Average loss: 2.5457  
Iteration: 1663; Percent complete: 41.6%; Average loss: 2.6508  
Iteration: 1664; Percent complete: 41.6%; Average loss: 2.8161  
Iteration: 1665; Percent complete: 41.6%; Average loss: 2.7335  
Iteration: 1666; Percent complete: 41.6%; Average loss: 2.3600  
Iteration: 1667; Percent complete: 41.7%; Average loss: 2.8432  
Iteration: 1668; Percent complete: 41.7%; Average loss: 2.6110  
Iteration: 1669; Percent complete: 41.7%; Average loss: 2.5675  
Iteration: 1670; Percent complete: 41.8%; Average loss: 2.6439  
Iteration: 1671; Percent complete: 41.8%; Average loss: 2.7889  
Iteration: 1672; Percent complete: 41.8%; Average loss: 2.5127  
Iteration: 1673; Percent complete: 41.8%; Average loss: 2.6491  
Iteration: 1674; Percent complete: 41.9%; Average loss: 2.5604  
Iteration: 1675; Percent complete: 41.9%; Average loss: 2.8077  
Iteration: 1676; Percent complete: 41.9%; Average loss: 2.7500  
Iteration: 1677; Percent complete: 41.9%; Average loss: 2.5594  
Iteration: 1678; Percent complete: 41.9%; Average loss: 2.6371  
Iteration: 1679; Percent complete: 42.0%; Average loss: 2.5353  
Iteration: 1680; Percent complete: 42.0%; Average loss: 2.7364  
Iteration: 1681; Percent complete: 42.0%; Average loss: 2.6790  
Iteration: 1682; Percent complete: 42.0%; Average loss: 2.6250  
Iteration: 1683; Percent complete: 42.1%; Average loss: 2.4794  
Iteration: 1684; Percent complete: 42.1%; Average loss: 2.3458  
Iteration: 1685; Percent complete: 42.1%; Average loss: 2.7209  
Iteration: 1686; Percent complete: 42.1%; Average loss: 2.5989  
Iteration: 1687; Percent complete: 42.2%; Average loss: 2.7480  
Iteration: 1688; Percent complete: 42.2%; Average loss: 2.4576  
Iteration: 1689; Percent complete: 42.2%; Average loss: 2.6310  
Iteration: 1690; Percent complete: 42.2%; Average loss: 2.7559  
Iteration: 1691; Percent complete: 42.3%; Average loss: 2.8100  
Iteration: 1692; Percent complete: 42.3%; Average loss: 2.5387  
Iteration: 1693; Percent complete: 42.3%; Average loss: 2.4732  
Iteration: 1694; Percent complete: 42.4%; Average loss: 3.1681  
Iteration: 1695; Percent complete: 42.4%; Average loss: 2.4242  
Iteration: 1696; Percent complete: 42.4%; Average loss: 2.6884  
Iteration: 1697; Percent complete: 42.4%; Average loss: 2.4839  
Iteration: 1698; Percent complete: 42.4%; Average loss: 2.5961  
Iteration: 1699; Percent complete: 42.5%; Average loss: 2.6900  
Iteration: 1700; Percent complete: 42.5%; Average loss: 2.5869  
Iteration: 1701; Percent complete: 42.5%; Average loss: 2.5261  
Iteration: 1702; Percent complete: 42.5%; Average loss: 2.6155  
Iteration: 1703; Percent complete: 42.6%; Average loss: 2.4141  
Iteration: 1704; Percent complete: 42.6%; Average loss: 2.7211  
Iteration: 1705; Percent complete: 42.6%; Average loss: 2.4786  
Iteration: 1706; Percent complete: 42.6%; Average loss: 2.7482  
Iteration: 1707; Percent complete: 42.7%; Average loss: 2.7168  
Iteration: 1708; Percent complete: 42.7%; Average loss: 2.6704  
Iteration: 1709; Percent complete: 42.7%; Average loss: 2.5103  
Iteration: 1710; Percent complete: 42.8%; Average loss: 2.6929  
Iteration: 1711; Percent complete: 42.8%; Average loss: 2.5961  
Iteration: 1712; Percent complete: 42.8%; Average loss: 2.7895  
Iteration: 1713; Percent complete: 42.8%; Average loss: 2.6012  
Iteration: 1714; Percent complete: 42.9%; Average loss: 2.6379  
Iteration: 1715; Percent complete: 42.9%; Average loss: 2.4212  
Iteration: 1716; Percent complete: 42.9%; Average loss: 2.8239  
Iteration: 1717; Percent complete: 42.9%; Average loss: 2.6633

|            |       |                   |        |               |        |
|------------|-------|-------------------|--------|---------------|--------|
| Iteration: | 1717; | Percent complete: | 42.9%; | Average loss: | 2.6892 |
| Iteration: | 1718; | Percent complete: | 43.0%; | Average loss: | 2.3379 |
| Iteration: | 1719; | Percent complete: | 43.0%; | Average loss: | 2.6227 |
| Iteration: | 1720; | Percent complete: | 43.0%; | Average loss: | 2.8194 |
| Iteration: | 1721; | Percent complete: | 43.0%; | Average loss: | 2.5343 |
| Iteration: | 1722; | Percent complete: | 43.0%; | Average loss: | 2.6832 |
| Iteration: | 1723; | Percent complete: | 43.1%; | Average loss: | 2.6791 |
| Iteration: | 1724; | Percent complete: | 43.1%; | Average loss: | 2.5286 |
| Iteration: | 1725; | Percent complete: | 43.1%; | Average loss: | 2.6861 |
| Iteration: | 1726; | Percent complete: | 43.1%; | Average loss: | 2.8138 |
| Iteration: | 1727; | Percent complete: | 43.2%; | Average loss: | 2.7892 |
| Iteration: | 1728; | Percent complete: | 43.2%; | Average loss: | 2.5692 |
| Iteration: | 1729; | Percent complete: | 43.2%; | Average loss: | 2.5588 |
| Iteration: | 1730; | Percent complete: | 43.2%; | Average loss: | 2.7307 |
| Iteration: | 1731; | Percent complete: | 43.3%; | Average loss: | 2.5069 |
| Iteration: | 1732; | Percent complete: | 43.3%; | Average loss: | 2.5664 |
| Iteration: | 1733; | Percent complete: | 43.3%; | Average loss: | 2.5192 |
| Iteration: | 1734; | Percent complete: | 43.4%; | Average loss: | 2.5372 |
| Iteration: | 1735; | Percent complete: | 43.4%; | Average loss: | 2.6587 |
| Iteration: | 1736; | Percent complete: | 43.4%; | Average loss: | 2.8033 |
| Iteration: | 1737; | Percent complete: | 43.4%; | Average loss: | 2.5616 |
| Iteration: | 1738; | Percent complete: | 43.5%; | Average loss: | 2.3336 |
| Iteration: | 1739; | Percent complete: | 43.5%; | Average loss: | 2.6685 |
| Iteration: | 1740; | Percent complete: | 43.5%; | Average loss: | 2.5665 |
| Iteration: | 1741; | Percent complete: | 43.5%; | Average loss: | 2.4961 |
| Iteration: | 1742; | Percent complete: | 43.5%; | Average loss: | 2.4403 |
| Iteration: | 1743; | Percent complete: | 43.6%; | Average loss: | 2.4492 |
| Iteration: | 1744; | Percent complete: | 43.6%; | Average loss: | 2.6009 |
| Iteration: | 1745; | Percent complete: | 43.6%; | Average loss: | 2.6216 |
| Iteration: | 1746; | Percent complete: | 43.6%; | Average loss: | 2.5209 |
| Iteration: | 1747; | Percent complete: | 43.7%; | Average loss: | 2.5983 |
| Iteration: | 1748; | Percent complete: | 43.7%; | Average loss: | 2.3619 |
| Iteration: | 1749; | Percent complete: | 43.7%; | Average loss: | 2.5275 |
| Iteration: | 1750; | Percent complete: | 43.8%; | Average loss: | 2.4733 |
| Iteration: | 1751; | Percent complete: | 43.8%; | Average loss: | 2.6248 |
| Iteration: | 1752; | Percent complete: | 43.8%; | Average loss: | 2.4671 |
| Iteration: | 1753; | Percent complete: | 43.8%; | Average loss: | 2.5582 |
| Iteration: | 1754; | Percent complete: | 43.9%; | Average loss: | 2.6720 |
| Iteration: | 1755; | Percent complete: | 43.9%; | Average loss: | 2.4527 |
| Iteration: | 1756; | Percent complete: | 43.9%; | Average loss: | 2.5994 |
| Iteration: | 1757; | Percent complete: | 43.9%; | Average loss: | 2.7087 |
| Iteration: | 1758; | Percent complete: | 44.0%; | Average loss: | 2.8218 |
| Iteration: | 1759; | Percent complete: | 44.0%; | Average loss: | 2.7167 |
| Iteration: | 1760; | Percent complete: | 44.0%; | Average loss: | 2.3974 |
| Iteration: | 1761; | Percent complete: | 44.0%; | Average loss: | 2.8158 |
| Iteration: | 1762; | Percent complete: | 44.0%; | Average loss: | 2.7411 |
| Iteration: | 1763; | Percent complete: | 44.1%; | Average loss: | 2.7097 |
| Iteration: | 1764; | Percent complete: | 44.1%; | Average loss: | 2.7000 |
| Iteration: | 1765; | Percent complete: | 44.1%; | Average loss: | 2.4658 |
| Iteration: | 1766; | Percent complete: | 44.1%; | Average loss: | 2.7227 |
| Iteration: | 1767; | Percent complete: | 44.2%; | Average loss: | 2.5860 |
| Iteration: | 1768; | Percent complete: | 44.2%; | Average loss: | 2.7321 |
| Iteration: | 1769; | Percent complete: | 44.2%; | Average loss: | 2.5128 |
| Iteration: | 1770; | Percent complete: | 44.2%; | Average loss: | 2.7012 |
| Iteration: | 1771; | Percent complete: | 44.3%; | Average loss: | 2.7141 |
| Iteration: | 1772; | Percent complete: | 44.3%; | Average loss: | 2.8584 |
| Iteration: | 1773; | Percent complete: | 44.3%; | Average loss: | 2.6696 |
| Iteration: | 1774; | Percent complete: | 44.4%; | Average loss: | 2.6162 |
| Iteration: | 1775; | Percent complete: | 44.4%; | Average loss: | 2.4626 |
| Iteration: | 1776; | Percent complete: | 44.4%; | Average loss: | 2.8308 |
| Iteration: | 1777; | Percent complete: | 44.4%; | Average loss: | 2.6822 |
| Iteration: | 1778; | Percent complete: | 44.5%; | Average loss: | 2.4472 |
| Iteration: | 1779; | Percent complete: | 44.5%; | Average loss: | 2.7413 |
| Iteration: | 1780; | Percent complete: | 44.5%; | Average loss: | 2.5605 |
| Iteration: | 1781; | Percent complete: | 44.5%; | Average loss: | 2.6649 |
| Iteration: | 1782; | Percent complete: | 44.5%; | Average loss: | 2.6631 |
| Iteration: | 1783; | Percent complete: | 44.6%; | Average loss: | 2.5778 |
| Iteration: | 1784; | Percent complete: | 44.6%; | Average loss: | 2.6250 |
| Iteration: | 1785; | Percent complete: | 44.6%; | Average loss: | 2.5233 |
| Iteration: | 1786; | Percent complete: | 44.6%; | Average loss: | 2.6067 |
| Iteration: | 1787; | Percent complete: | 44.7%; | Average loss: | 2.7266 |
| Iteration: | 1788; | Percent complete: | 44.7%; | Average loss: | 2.7357 |
| Iteration: | 1789; | Percent complete: | 44.7%; | Average loss: | 2.5595 |
| Iteration: | 1790; | Percent complete: | 44.8%; | Average loss: | 2.5732 |
| Iteration: | 1791; | Percent complete: | 44.8%; | Average loss: | 2.6710 |
| Iteration: | 1792; | Percent complete: | 44.8%; | Average loss: | 2      |

|            |      |                   |                      |        |
|------------|------|-------------------|----------------------|--------|
| Iteration: | 1808 | Percent complete: | 45.2%; Average loss: | 2.7708 |
| Iteration: | 1809 | Percent complete: | 45.2%; Average loss: | 2.9559 |
| Iteration: | 1810 | Percent complete: | 45.2%; Average loss: | 2.6770 |
| Iteration: | 1811 | Percent complete: | 45.3%; Average loss: | 2.7625 |
| Iteration: | 1812 | Percent complete: | 45.3%; Average loss: | 2.5688 |
| Iteration: | 1813 | Percent complete: | 45.3%; Average loss: | 2.4226 |
| Iteration: | 1814 | Percent complete: | 45.4%; Average loss: | 2.6892 |
| Iteration: | 1815 | Percent complete: | 45.4%; Average loss: | 2.5510 |
| Iteration: | 1816 | Percent complete: | 45.4%; Average loss: | 2.6941 |
| Iteration: | 1817 | Percent complete: | 45.4%; Average loss: | 2.4641 |
| Iteration: | 1818 | Percent complete: | 45.5%; Average loss: | 2.6771 |
| Iteration: | 1819 | Percent complete: | 45.5%; Average loss: | 2.7357 |
| Iteration: | 1820 | Percent complete: | 45.5%; Average loss: | 2.8096 |
| Iteration: | 1821 | Percent complete: | 45.5%; Average loss: | 2.6816 |
| Iteration: | 1822 | Percent complete: | 45.6%; Average loss: | 2.6491 |
| Iteration: | 1823 | Percent complete: | 45.6%; Average loss: | 2.7660 |
| Iteration: | 1824 | Percent complete: | 45.6%; Average loss: | 2.9955 |
| Iteration: | 1825 | Percent complete: | 45.6%; Average loss: | 2.6121 |
| Iteration: | 1826 | Percent complete: | 45.6%; Average loss: | 2.8201 |
| Iteration: | 1827 | Percent complete: | 45.7%; Average loss: | 2.6973 |
| Iteration: | 1828 | Percent complete: | 45.7%; Average loss: | 2.6092 |
| Iteration: | 1829 | Percent complete: | 45.7%; Average loss: | 2.6664 |
| Iteration: | 1830 | Percent complete: | 45.8%; Average loss: | 2.6086 |
| Iteration: | 1831 | Percent complete: | 45.8%; Average loss: | 2.8000 |
| Iteration: | 1832 | Percent complete: | 45.8%; Average loss: | 2.4887 |
| Iteration: | 1833 | Percent complete: | 45.8%; Average loss: | 2.6736 |
| Iteration: | 1834 | Percent complete: | 45.9%; Average loss: | 2.5230 |
| Iteration: | 1835 | Percent complete: | 45.9%; Average loss: | 2.7901 |
| Iteration: | 1836 | Percent complete: | 45.9%; Average loss: | 2.8594 |
| Iteration: | 1837 | Percent complete: | 45.9%; Average loss: | 2.6212 |
| Iteration: | 1838 | Percent complete: | 46.0%; Average loss: | 2.6700 |
| Iteration: | 1839 | Percent complete: | 46.0%; Average loss: | 2.5446 |
| Iteration: | 1840 | Percent complete: | 46.0%; Average loss: | 2.8003 |
| Iteration: | 1841 | Percent complete: | 46.0%; Average loss: | 2.7090 |
| Iteration: | 1842 | Percent complete: | 46.1%; Average loss: | 2.5868 |
| Iteration: | 1843 | Percent complete: | 46.1%; Average loss: | 2.5797 |
| Iteration: | 1844 | Percent complete: | 46.1%; Average loss: | 2.6982 |
| Iteration: | 1845 | Percent complete: | 46.1%; Average loss: | 2.6643 |
| Iteration: | 1846 | Percent complete: | 46.2%; Average loss: | 2.4971 |
| Iteration: | 1847 | Percent complete: | 46.2%; Average loss: | 2.7630 |
| Iteration: | 1848 | Percent complete: | 46.2%; Average loss: | 2.8409 |
| Iteration: | 1849 | Percent complete: | 46.2%; Average loss: | 2.5032 |
| Iteration: | 1850 | Percent complete: | 46.2%; Average loss: | 2.6107 |
| Iteration: | 1851 | Percent complete: | 46.3%; Average loss: | 2.5337 |
| Iteration: | 1852 | Percent complete: | 46.3%; Average loss: | 2.6217 |
| Iteration: | 1853 | Percent complete: | 46.3%; Average loss: | 2.6027 |
| Iteration: | 1854 | Percent complete: | 46.4%; Average loss: | 2.6542 |
| Iteration: | 1855 | Percent complete: | 46.4%; Average loss: | 2.5435 |
| Iteration: | 1856 | Percent complete: | 46.4%; Average loss: | 2.7445 |
| Iteration: | 1857 | Percent complete: | 46.4%; Average loss: | 2.6019 |
| Iteration: | 1858 | Percent complete: | 46.5%; Average loss: | 2.3673 |
| Iteration: | 1859 | Percent complete: | 46.5%; Average loss: | 2.7281 |
| Iteration: | 1860 | Percent complete: | 46.5%; Average loss: | 2.5867 |
| Iteration: | 1861 | Percent complete: | 46.5%; Average loss: | 2.6088 |
| Iteration: | 1862 | Percent complete: | 46.6%; Average loss: | 2.8263 |
| Iteration: | 1863 | Percent complete: | 46.6%; Average loss: | 2.6631 |
| Iteration: | 1864 | Percent complete: | 46.6%; Average loss: | 2.6462 |
| Iteration: | 1865 | Percent complete: | 46.6%; Average loss: | 2.4350 |
| Iteration: | 1866 | Percent complete: | 46.7%; Average loss: | 2.6559 |
| Iteration: | 1867 | Percent complete: | 46.7%; Average loss: | 2.7417 |
| Iteration: | 1868 | Percent complete: | 46.7%; Average loss: | 2.7943 |
| Iteration: | 1869 | Percent complete: | 46.7%; Average loss: | 2.5175 |
| Iteration: | 1870 | Percent complete: | 46.8%; Average loss: | 2.5687 |
| Iteration: | 1871 | Percent complete: | 46.8%; Average loss: | 2.7685 |
| Iteration: | 1872 | Percent complete: | 46.8%; Average loss: | 2.4979 |
| Iteration: | 1873 | Percent complete: | 46.8%; Average loss: | 2.7191 |
| Iteration: | 1874 | Percent complete: | 46.9%; Average loss: | 2.6587 |
| Iteration: | 1875 | Percent complete: | 46.9%; Average loss: | 2.5934 |
| Iteration: | 1876 | Percent complete: | 46.9%; Average loss: | 2.4189 |
| Iteration: | 1877 | Percent complete: | 46.9%; Average loss: | 2.6088 |
| Iteration: | 1878 | Percent complete: | 46.9%; Average loss: | 2.6997 |
| Iteration: | 1879 | Percent complete: | 47.0%; Average loss: | 2.4150 |
| Iteration: | 1880 | Percent complete: | 47.0%; Average loss: | 2.4850 |
| Iteration: | 1881 | Percent complete: | 47.0%; Average loss: | 2.5854 |
| Iteration: | 1882 | Percent complete: | 47.0%; Average loss: | 2.7442 |
| Iteration: | 1883 | Percent complete: | 47.1%; Average loss: | 2.7860 |
| Iteration: | 1884 | Percent complete: | 47.1%; Average loss: | 2.6468 |
| Iteration: | 1885 | Percent complete: | 47.1%; Average loss: | 2.4376 |
| Iteration: | 1886 | Percent complete: | 47.1%; Average loss: | 2.5404 |
| Iteration: | 1887 | Percent complete: | 47.2%; Average loss: | 2.6594 |
| Iteration: | 1888 | Percent complete: | 47.2%; Average loss: | 2.7038 |
| Iteration: | 1889 | Percent complete: | 47.2%; Average loss: | 2.7286 |
| Iteration: | 1890 | Percent complete: | 47.2%; Average loss: | 2.5863 |
| Iteration: | 1891 | Percent complete: | 4                    |        |

|            |       |         |           |        |         |       |        |
|------------|-------|---------|-----------|--------|---------|-------|--------|
| Iteration: | 1900; | Percent | complete: | 47.5%; | Average | loss: | 2.8002 |
| Iteration: | 1901; | Percent | complete: | 47.5%; | Average | loss: | 2.6646 |
| Iteration: | 1902; | Percent | complete: | 47.5%; | Average | loss: | 2.6443 |
| Iteration: | 1903; | Percent | complete: | 47.6%; | Average | loss: | 2.7827 |
| Iteration: | 1904; | Percent | complete: | 47.6%; | Average | loss: | 2.7184 |
| Iteration: | 1905; | Percent | complete: | 47.6%; | Average | loss: | 2.5985 |
| Iteration: | 1906; | Percent | complete: | 47.6%; | Average | loss: | 2.6988 |
| Iteration: | 1907; | Percent | complete: | 47.7%; | Average | loss: | 2.6178 |
| Iteration: | 1908; | Percent | complete: | 47.7%; | Average | loss: | 2.6365 |
| Iteration: | 1909; | Percent | complete: | 47.7%; | Average | loss: | 2.7277 |
| Iteration: | 1910; | Percent | complete: | 47.8%; | Average | loss: | 2.5596 |
| Iteration: | 1911; | Percent | complete: | 47.8%; | Average | loss: | 2.5799 |
| Iteration: | 1912; | Percent | complete: | 47.8%; | Average | loss: | 2.7162 |
| Iteration: | 1913; | Percent | complete: | 47.8%; | Average | loss: | 2.6500 |
| Iteration: | 1914; | Percent | complete: | 47.9%; | Average | loss: | 2.6779 |
| Iteration: | 1915; | Percent | complete: | 47.9%; | Average | loss: | 2.7958 |
| Iteration: | 1916; | Percent | complete: | 47.9%; | Average | loss: | 2.5147 |
| Iteration: | 1917; | Percent | complete: | 47.9%; | Average | loss: | 2.5473 |
| Iteration: | 1918; | Percent | complete: | 47.9%; | Average | loss: | 2.8216 |
| Iteration: | 1919; | Percent | complete: | 48.0%; | Average | loss: | 2.5725 |
| Iteration: | 1920; | Percent | complete: | 48.0%; | Average | loss: | 2.6992 |
| Iteration: | 1921; | Percent | complete: | 48.0%; | Average | loss: | 2.5447 |
| Iteration: | 1922; | Percent | complete: | 48.0%; | Average | loss: | 2.6107 |
| Iteration: | 1923; | Percent | complete: | 48.1%; | Average | loss: | 2.4792 |
| Iteration: | 1924; | Percent | complete: | 48.1%; | Average | loss: | 2.5115 |
| Iteration: | 1925; | Percent | complete: | 48.1%; | Average | loss: | 2.8046 |
| Iteration: | 1926; | Percent | complete: | 48.1%; | Average | loss: | 2.6736 |
| Iteration: | 1927; | Percent | complete: | 48.2%; | Average | loss: | 2.4263 |
| Iteration: | 1928; | Percent | complete: | 48.2%; | Average | loss: | 2.5502 |
| Iteration: | 1929; | Percent | complete: | 48.2%; | Average | loss: | 2.6233 |
| Iteration: | 1930; | Percent | complete: | 48.2%; | Average | loss: | 2.7657 |
| Iteration: | 1931; | Percent | complete: | 48.3%; | Average | loss: | 2.6107 |
| Iteration: | 1932; | Percent | complete: | 48.3%; | Average | loss: | 2.3966 |
| Iteration: | 1933; | Percent | complete: | 48.3%; | Average | loss: | 2.7420 |
| Iteration: | 1934; | Percent | complete: | 48.4%; | Average | loss: | 2.6493 |
| Iteration: | 1935; | Percent | complete: | 48.4%; | Average | loss: | 2.4699 |
| Iteration: | 1936; | Percent | complete: | 48.4%; | Average | loss: | 2.6023 |
| Iteration: | 1937; | Percent | complete: | 48.4%; | Average | loss: | 2.6262 |
| Iteration: | 1938; | Percent | complete: | 48.4%; | Average | loss: | 2.7537 |
| Iteration: | 1939; | Percent | complete: | 48.5%; | Average | loss: | 2.5813 |
| Iteration: | 1940; | Percent | complete: | 48.5%; | Average | loss: | 2.6532 |
| Iteration: | 1941; | Percent | complete: | 48.5%; | Average | loss: | 2.6122 |
| Iteration: | 1942; | Percent | complete: | 48.5%; | Average | loss: | 2.6885 |
| Iteration: | 1943; | Percent | complete: | 48.6%; | Average | loss: | 2.6392 |
| Iteration: | 1944; | Percent | complete: | 48.6%; | Average | loss: | 2.5483 |
| Iteration: | 1945; | Percent | complete: | 48.6%; | Average | loss: | 2.6837 |
| Iteration: | 1946; | Percent | complete: | 48.6%; | Average | loss: | 2.6838 |
| Iteration: | 1947; | Percent | complete: | 48.7%; | Average | loss: | 2.5662 |
| Iteration: | 1948; | Percent | complete: | 48.7%; | Average | loss: | 2.7442 |
| Iteration: | 1949; | Percent | complete: | 48.7%; | Average | loss: | 2.8503 |
| Iteration: | 1950; | Percent | complete: | 48.8%; | Average | loss: | 2.6593 |
| Iteration: | 1951; | Percent | complete: | 48.8%; | Average | loss: | 2.6587 |
| Iteration: | 1952; | Percent | complete: | 48.8%; | Average | loss: | 2.8197 |
| Iteration: | 1953; | Percent | complete: | 48.8%; | Average | loss: | 2.4125 |
| Iteration: | 1954; | Percent | complete: | 48.9%; | Average | loss: | 2.6657 |
| Iteration: | 1955; | Percent | complete: | 48.9%; | Average | loss: | 2.4894 |
| Iteration: | 1956; | Percent | complete: | 48.9%; | Average | loss: | 2.3653 |
| Iteration: | 1957; | Percent | complete: | 48.9%; | Average | loss: | 2.5852 |
| Iteration: | 1958; | Percent | complete: | 48.9%; | Average | loss: | 2.6083 |
| Iteration: | 1959; | Percent | complete: | 49.0%; | Average | loss: | 2.6829 |
| Iteration: | 1960; | Percent | complete: | 49.0%; | Average | loss: | 2.6167 |
| Iteration: | 1961; | Percent | complete: | 49.0%; | Average | loss: | 2.7106 |
| Iteration: | 1962; | Percent | complete: | 49.0%; | Average | loss: | 2.7758 |
| Iteration: | 1963; | Percent | complete: | 49.1%; | Average | loss: | 2.4356 |

|            |       |         |           |        |         |       |        |
|------------|-------|---------|-----------|--------|---------|-------|--------|
| Iteration: | 1991; | Percent | complete: | 49.8%; | Average | loss: | 2.5865 |
| Iteration: | 1992; | Percent | complete: | 49.8%; | Average | loss: | 2.6633 |
| Iteration: | 1993; | Percent | complete: | 49.8%; | Average | loss: | 2.7962 |
| Iteration: | 1994; | Percent | complete: | 49.9%; | Average | loss: | 2.6127 |
| Iteration: | 1995; | Percent | complete: | 49.9%; | Average | loss: | 2.4926 |
| Iteration: | 1996; | Percent | complete: | 49.9%; | Average | loss: | 2.6605 |
| Iteration: | 1997; | Percent | complete: | 49.9%; | Average | loss: | 2.7337 |
| Iteration: | 1998; | Percent | complete: | 50.0%; | Average | loss: | 2.7331 |
| Iteration: | 1999; | Percent | complete: | 50.0%; | Average | loss: | 2.4042 |
| Iteration: | 2000; | Percent | complete: | 50.0%; | Average | loss: | 2.6745 |
| Iteration: | 2001; | Percent | complete: | 50.0%; | Average | loss: | 2.8003 |
| Iteration: | 2002; | Percent | complete: | 50.0%; | Average | loss: | 2.5241 |
| Iteration: | 2003; | Percent | complete: | 50.1%; | Average | loss: | 2.6696 |
| Iteration: | 2004; | Percent | complete: | 50.1%; | Average | loss: | 2.6198 |
| Iteration: | 2005; | Percent | complete: | 50.1%; | Average | loss: | 2.5170 |
| Iteration: | 2006; | Percent | complete: | 50.1%; | Average | loss: | 2.5427 |
| Iteration: | 2007; | Percent | complete: | 50.2%; | Average | loss: | 2.4958 |
| Iteration: | 2008; | Percent | complete: | 50.2%; | Average | loss: | 2.7202 |
| Iteration: | 2009; | Percent | complete: | 50.2%; | Average | loss: | 2.6700 |
| Iteration: | 2010; | Percent | complete: | 50.2%; | Average | loss: | 2.7780 |
| Iteration: | 2011; | Percent | complete: | 50.3%; | Average | loss: | 2.4735 |
| Iteration: | 2012; | Percent | complete: | 50.3%; | Average | loss: | 2.7278 |
| Iteration: | 2013; | Percent | complete: | 50.3%; | Average | loss: | 2.7845 |
| Iteration: | 2014; | Percent | complete: | 50.3%; | Average | loss: | 2.4759 |
| Iteration: | 2015; | Percent | complete: | 50.4%; | Average | loss: | 2.5093 |
| Iteration: | 2016; | Percent | complete: | 50.4%; | Average | loss: | 2.5826 |
| Iteration: | 2017; | Percent | complete: | 50.4%; | Average | loss: | 2.9178 |
| Iteration: | 2018; | Percent | complete: | 50.4%; | Average | loss: | 2.8072 |
| Iteration: | 2019; | Percent | complete: | 50.5%; | Average | loss: | 2.5879 |
| Iteration: | 2020; | Percent | complete: | 50.5%; | Average | loss: | 2.7043 |
| Iteration: | 2021; | Percent | complete: | 50.5%; | Average | loss: | 2.7102 |
| Iteration: | 2022; | Percent | complete: | 50.5%; | Average | loss: | 2.8328 |
| Iteration: | 2023; | Percent | complete: | 50.6%; | Average | loss: | 2.5719 |
| Iteration: | 2024; | Percent | complete: | 50.6%; | Average | loss: | 2.4762 |
| Iteration: | 2025; | Percent | complete: | 50.6%; | Average | loss: | 2.7369 |
| Iteration: | 2026; | Percent | complete: | 50.6%; | Average | loss: | 2.7250 |
| Iteration: | 2027; | Percent | complete: | 50.7%; | Average | loss: | 2.5353 |
| Iteration: | 2028; | Percent | complete: | 50.7%; | Average | loss: | 2.5473 |
| Iteration: | 2029; | Percent | complete: | 50.7%; | Average | loss: | 2.8542 |
| Iteration: | 2030; | Percent | complete: | 50.7%; | Average | loss: | 2.6021 |
| Iteration: | 2031; | Percent | complete: | 50.8%; | Average | loss: | 2.7631 |
| Iteration: | 2032; | Percent | complete: | 50.8%; | Average | loss: | 2.5629 |
| Iteration: | 2033; | Percent | complete: | 50.8%; | Average | loss: | 2.5046 |
| Iteration: | 2034; | Percent | complete: | 50.8%; | Average | loss: | 2.6840 |
| Iteration: | 2035; | Percent | complete: | 50.9%; | Average | loss: | 2.5463 |
| Iteration: | 2036; | Percent | complete: | 50.9%; | Average | loss: | 2.7098 |
| Iteration: | 2037; | Percent | complete: | 50.9%; | Average | loss: | 2.6815 |
| Iteration: | 2038; | Percent | complete: | 50.9%; | Average | loss: | 2.6617 |
| Iteration: | 2039; | Percent | complete: | 51.0%; | Average | loss: | 2.7802 |
| Iteration: | 2040; | Percent | complete: | 51.0%; | Average | loss: | 2.5531 |
| Iteration: | 2041; | Percent | complete: | 51.0%; | Average | loss: | 2.7997 |
| Iteration: | 2042; | Percent | complete: | 51.0%; | Average | loss: | 2.3527 |
| Iteration: | 2043; | Percent | complete: | 51.1%; | Average | loss: | 2.8539 |
| Iteration: | 2044; | Percent | complete: | 51.1%; | Average | loss: | 2.8268 |
| Iteration: | 2045; | Percent | complete: | 51.1%; | Average | loss: | 2.6511 |
| Iteration: | 2046; | Percent | complete: | 51.1%; | Average | loss: | 2.5563 |
| Iteration: | 2047; | Percent | complete: | 51.2%; | Average | loss: | 2.5373 |
| Iteration: | 2048; | Percent | complete: | 51.2%; | Average | loss: | 2.6034 |
| Iteration: | 2049; | Percent | complete: | 51.2%; | Average | loss: | 2.6737 |
| Iteration: | 2050; | Percent | complete: | 51.2%; | Average | loss: | 2.5664 |
| Iteration: | 2051; | Percent | complete: | 51.3%; | Average | loss: | 2.6288 |
| Iteration: | 2052; | Percent | complete: | 51.3%; | Average | loss: | 2.4393 |
| Iteration: | 2053; | Percent | complete: | 51.3%; | Average | loss: | 2.7310 |
| Iteration: | 2054; | Percent | complete: | 51.3%; | Average | loss: | 2.4054 |



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|            |       |         |           |        |         |       |        |
|------------|-------|---------|-----------|--------|---------|-------|--------|
| Iteration: | 2265; | Percent | complete: | 56.6%; | Average | loss: | 2.7158 |
| Iteration: | 2266; | Percent | complete: | 56.6%; | Average | loss: | 2.8507 |
| Iteration: | 2267; | Percent | complete: | 56.7%; | Average | loss: | 2.5788 |
| Iteration: | 2268; | Percent | complete: | 56.7%; | Average | loss: | 2.7554 |
| Iteration: | 2269; | Percent | complete: | 56.7%; | Average | loss: | 2.7459 |
| Iteration: | 2270; | Percent | complete: | 56.8%; | Average | loss: | 2.7573 |
| Iteration: | 2271; | Percent | complete: | 56.8%; | Average | loss: | 2.8834 |
| Iteration: | 2272; | Percent | complete: | 56.8%; | Average | loss: | 2.6695 |
| Iteration: | 2273; | Percent | complete: | 56.8%; | Average | loss: | 2.7738 |
| Iteration: | 2274; | Percent | complete: | 56.9%; | Average | loss: | 2.7138 |
| Iteration: | 2275; | Percent | complete: | 56.9%; | Average | loss: | 2.6623 |
| Iteration: | 2276; | Percent | complete: | 56.9%; | Average | loss: | 2.5189 |
| Iteration: | 2277; | Percent | complete: | 56.9%; | Average | loss: | 2.6718 |
| Iteration: | 2278; | Percent | complete: | 57.0%; | Average | loss: | 2.6969 |
| Iteration: | 2279; | Percent | complete: | 57.0%; | Average | loss: | 2.7119 |
| Iteration: | 2280; | Percent | complete: | 57.0%; | Average | loss: | 2.5286 |
| Iteration: | 2281; | Percent | complete: | 57.0%; | Average | loss: | 2.5246 |
| Iteration: | 2282; | Percent | complete: | 57.0%; | Average | loss: | 2.6397 |
| Iteration: | 2283; | Percent | complete: | 57.1%; | Average | loss: | 2.6912 |
| Iteration: | 2284; | Percent | complete: | 57.1%; | Average | loss: | 2.7419 |
| Iteration: | 2285; | Percent | complete: | 57.1%; | Average | loss: | 2.8526 |
| Iteration: | 2286; | Percent | complete: | 57.1%; | Average | loss: | 2.9385 |
| Iteration: | 2287; | Percent | complete: | 57.2%; | Average | loss: | 2.5208 |
| Iteration: | 2288; | Percent | complete: | 57.2%; | Average | loss: | 2.5524 |
| Iteration: | 2289; | Percent | complete: | 57.2%; | Average | loss: | 2.5467 |
| Iteration: | 2290; | Percent | complete: | 57.2%; | Average | loss: | 2.4637 |
| Iteration: | 2291; | Percent | complete: | 57.3%; | Average | loss: | 2.5496 |
| Iteration: | 2292; | Percent | complete: | 57.3%; | Average | loss: | 2.7319 |
| Iteration: | 2293; | Percent | complete: | 57.3%; | Average | loss: | 2.5956 |
| Iteration: | 2294; | Percent | complete: | 57.4%; | Average | loss: | 2.4977 |
| Iteration: | 2295; | Percent | complete: | 57.4%; | Average | loss: | 2.4777 |
| Iteration: | 2296; | Percent | complete: | 57.4%; | Average | loss: | 2.5915 |
| Iteration: | 2297; | Percent | complete: | 57.4%; | Average | loss: | 2.5227 |
| Iteration: | 2298; | Percent | complete: | 57.5%; | Average | loss: | 2.6733 |
| Iteration: | 2299; | Percent | complete: | 57.5%; | Average | loss: | 2.7435 |
| Iteration: | 2300; | Percent | complete: | 57.5%; | Average | loss: | 2.4277 |
| Iteration: | 2301; | Percent | complete: | 57.5%; | Average | loss: | 2.4627 |
| Iteration: | 2302; | Percent | complete: | 57.6%; | Average | loss: | 2.4286 |
| Iteration: | 2303; | Percent | complete: | 57.6%; | Average | loss: | 2.8529 |
| Iteration: | 2304; | Percent | complete: | 57.6%; | Average | loss: | 2.5558 |
| Iteration: | 2305; | Percent | complete: | 57.6%; | Average | loss: | 2.6604 |
| Iteration: | 2306; | Percent | complete: | 57.6%; | Average | loss: | 2.7074 |
| Iteration: | 2307; | Percent | complete: | 57.7%; | Average | loss: | 2.5215 |
| Iteration: | 2308; | Percent | complete: | 57.7%; | Average | loss: | 2.4884 |
| Iteration: | 2309; | Percent | complete: | 57.7%; | Average | loss: | 2.6957 |
| Iteration: | 2310; | Percent | complete: | 57.8%; | Average | loss: | 2.5355 |
| Iteration: | 2311; | Percent | complete: | 57.8%; | Average | loss: | 2.8134 |
| Iteration: | 2312; | Percent | complete: | 57.8%; | Average | loss: | 2.7233 |
| Iteration: | 2313; | Percent | complete: | 57.8%; | Average | loss: | 2.5478 |
| Iteration: | 2314; | Percent | complete: | 57.9%; | Average | loss: | 2.7347 |
| Iteration: | 2315; | Percent | complete: | 57.9%; | Average | loss: | 2.6866 |
| Iteration: | 2316; | Percent | complete: | 57.9%; | Average | loss: | 2.8862 |
| Iteration: | 2317; | Percent | complete: | 57.9%; | Average | loss: | 2.5234 |
| Iteration: | 2318; | Percent | complete: | 58.0%; | Average | loss: | 2.8467 |
| Iteration: | 2319; | Percent | complete: | 58.0%; | Average | loss: | 2.6846 |
| Iteration: | 2320; | Percent | complete: | 58.0%; | Average | loss: | 2.7347 |
| Iteration: | 2321; | Percent | complete: | 58.0%; | Average | loss: | 2.6728 |
| Iteration: | 2322; | Percent | complete: | 58.1%; | Average | loss: | 2.7717 |
| Iteration: | 2323; | Percent | complete: | 58.1%; | Average | loss: | 2.6826 |
| Iteration: | 2324; | Percent | complete: | 58.1%; | Average | loss: | 2.5677 |
| Iteration: | 2325; | Percent | complete: | 58.1%; | Average | loss: | 2.4483 |
| Iteration: | 2326; | Percent | complete: | 58.1%; | Average | loss: | 2.5799 |
| Iteration: | 2327; | Percent | complete: | 58.2%; | Average | loss: | 2.3975 |
| Iteration: | 2328; | Percent | complete: | 58.2%; | Average | loss: | 2.5026 |



|            |       |         |           |        |         |       |        |
|------------|-------|---------|-----------|--------|---------|-------|--------|
| Iteration: | 2356; | Percent | complete: | 58.9%; | Average | loss: | 2.7500 |
| Iteration: | 2357; | Percent | complete: | 58.9%; | Average | loss: | 2.5290 |
| Iteration: | 2358; | Percent | complete: | 59.0%; | Average | loss: | 2.5819 |
| Iteration: | 2359; | Percent | complete: | 59.0%; | Average | loss: | 2.6633 |
| Iteration: | 2360; | Percent | complete: | 59.0%; | Average | loss: | 2.6753 |
| Iteration: | 2361; | Percent | complete: | 59.0%; | Average | loss: | 2.4358 |
| Iteration: | 2362; | Percent | complete: | 59.1%; | Average | loss: | 2.4909 |
| Iteration: | 2363; | Percent | complete: | 59.1%; | Average | loss: | 2.6022 |
| Iteration: | 2364; | Percent | complete: | 59.1%; | Average | loss: | 2.8113 |
| Iteration: | 2365; | Percent | complete: | 59.1%; | Average | loss: | 2.6180 |
| Iteration: | 2366; | Percent | complete: | 59.2%; | Average | loss: | 2.6478 |
| Iteration: | 2367; | Percent | complete: | 59.2%; | Average | loss: | 2.5023 |
| Iteration: | 2368; | Percent | complete: | 59.2%; | Average | loss: | 2.6439 |
| Iteration: | 2369; | Percent | complete: | 59.2%; | Average | loss: | 2.3754 |
| Iteration: | 2370; | Percent | complete: | 59.2%; | Average | loss: | 2.7553 |
| Iteration: | 2371; | Percent | complete: | 59.3%; | Average | loss: | 2.6123 |
| Iteration: | 2372; | Percent | complete: | 59.3%; | Average | loss: | 2.6670 |
| Iteration: | 2373; | Percent | complete: | 59.3%; | Average | loss: | 2.5212 |
| Iteration: | 2374; | Percent | complete: | 59.4%; | Average | loss: | 2.6903 |
| Iteration: | 2375; | Percent | complete: | 59.4%; | Average | loss: | 2.5193 |
| Iteration: | 2376; | Percent | complete: | 59.4%; | Average | loss: | 2.5723 |
| Iteration: | 2377; | Percent | complete: | 59.4%; | Average | loss: | 2.7554 |
| Iteration: | 2378; | Percent | complete: | 59.5%; | Average | loss: | 2.7250 |
| Iteration: | 2379; | Percent | complete: | 59.5%; | Average | loss: | 2.4240 |
| Iteration: | 2380; | Percent | complete: | 59.5%; | Average | loss: | 2.5893 |
| Iteration: | 2381; | Percent | complete: | 59.5%; | Average | loss: | 2.8313 |
| Iteration: | 2382; | Percent | complete: | 59.6%; | Average | loss: | 2.6718 |
| Iteration: | 2383; | Percent | complete: | 59.6%; | Average | loss: | 2.7240 |
| Iteration: | 2384; | Percent | complete: | 59.6%; | Average | loss: | 2.4663 |
| Iteration: | 2385; | Percent | complete: | 59.6%; | Average | loss: | 2.7358 |
| Iteration: | 2386; | Percent | complete: | 59.7%; | Average | loss: | 2.6283 |
| Iteration: | 2387; | Percent | complete: | 59.7%; | Average | loss: | 2.5610 |
| Iteration: | 2388; | Percent | complete: | 59.7%; | Average | loss: | 2.6084 |
| Iteration: | 2389; | Percent | complete: | 59.7%; | Average | loss: | 2.6350 |
| Iteration: | 2390; | Percent | complete: | 59.8%; | Average | loss: | 2.6990 |
| Iteration: | 2391; | Percent | complete: | 59.8%; | Average | loss: | 2.6419 |
| Iteration: | 2392; | Percent | complete: | 59.8%; | Average | loss: | 2.6902 |
| Iteration: | 2393; | Percent | complete: | 59.8%; | Average | loss: | 2.7412 |
| Iteration: | 2394; | Percent | complete: | 59.9%; | Average | loss: | 2.5363 |
| Iteration: | 2395; | Percent | complete: | 59.9%; | Average | loss: | 2.7588 |
| Iteration: | 2396; | Percent | complete: | 59.9%; | Average | loss: | 2.4854 |
| Iteration: | 2397; | Percent | complete: | 59.9%; | Average | loss: | 2.4789 |
| Iteration: | 2398; | Percent | complete: | 60.0%; | Average | loss: | 2.7760 |
| Iteration: | 2399; | Percent | complete: | 60.0%; | Average | loss: | 2.6303 |
| Iteration: | 2400; | Percent | complete: | 60.0%; | Average | loss: | 2.5779 |
| Iteration: | 2401; | Percent | complete: | 60.0%; | Average | loss: | 2.5809 |
| Iteration: | 2402; | Percent | complete: | 60.1%; | Average | loss: | 2.8004 |
| Iteration: | 2403; | Percent | complete: | 60.1%; | Average | loss: | 2.4610 |
| Iteration: | 2404; | Percent | complete: | 60.1%; | Average | loss: | 2.5410 |
| Iteration: | 2405; | Percent | complete: | 60.1%; | Average | loss: | 2.8799 |
| Iteration: | 2406; | Percent | complete: | 60.2%; | Average | loss: | 2.8070 |
| Iteration: | 2407; | Percent | complete: | 60.2%; | Average | loss: | 2.6865 |
| Iteration: | 2408; | Percent | complete: | 60.2%; | Average | loss: | 2.7322 |
| Iteration: | 2409; | Percent | complete: | 60.2%; | Average | loss: | 2.5112 |
| Iteration: | 2410; | Percent | complete: | 60.2%; | Average | loss: | 2.7053 |
| Iteration: | 2411; | Percent | complete: | 60.3%; | Average | loss: | 2.6468 |
| Iteration: | 2412; | Percent | complete: | 60.3%; | Average | loss: | 2.5988 |
| Iteration: | 2413; | Percent | complete: | 60.3%; | Average | loss: | 2.6413 |
| Iteration: | 2414; | Percent | complete: | 60.4%; | Average | loss: | 2.4823 |
| Iteration: | 2415; | Percent | complete: | 60.4%; | Average | loss: | 2.7300 |
| Iteration: | 2416; | Percent | complete: | 60.4%; | Average | loss: | 2.6843 |
| Iteration: | 2417; | Percent | complete: | 60.4%; | Average | loss: | 2.7203 |
| Iteration: | 2418; | Percent | complete: | 60.5%; | Average | loss: | 2.7720 |
| Iteration: | 2419; | Percent | complete: | 60.5%; | Average | loss: | 2.6722 |

|            |       |         |           |        |         |       |        |
|------------|-------|---------|-----------|--------|---------|-------|--------|
| Iteration: | 2447; | Percent | complete: | 61.2%; | Average | loss: | 2.6180 |
| Iteration: | 2448; | Percent | complete: | 61.2%; | Average | loss: | 2.7014 |
| Iteration: | 2449; | Percent | complete: | 61.2%; | Average | loss: | 2.3214 |
| Iteration: | 2450; | Percent | complete: | 61.3%; | Average | loss: | 2.7665 |
| Iteration: | 2451; | Percent | complete: | 61.3%; | Average | loss: | 2.6536 |
| Iteration: | 2452; | Percent | complete: | 61.3%; | Average | loss: | 2.6844 |
| Iteration: | 2453; | Percent | complete: | 61.3%; | Average | loss: | 2.8110 |
| Iteration: | 2454; | Percent | complete: | 61.4%; | Average | loss: | 2.5843 |
| Iteration: | 2455; | Percent | complete: | 61.4%; | Average | loss: | 2.5775 |
| Iteration: | 2456; | Percent | complete: | 61.4%; | Average | loss: | 2.5784 |
| Iteration: | 2457; | Percent | complete: | 61.4%; | Average | loss: | 2.6884 |
| Iteration: | 2458; | Percent | complete: | 61.5%; | Average | loss: | 2.5910 |
| Iteration: | 2459; | Percent | complete: | 61.5%; | Average | loss: | 2.5222 |
| Iteration: | 2460; | Percent | complete: | 61.5%; | Average | loss: | 2.5658 |
| Iteration: | 2461; | Percent | complete: | 61.5%; | Average | loss: | 2.6829 |
| Iteration: | 2462; | Percent | complete: | 61.6%; | Average | loss: | 2.5572 |
| Iteration: | 2463; | Percent | complete: | 61.6%; | Average | loss: | 2.5433 |
| Iteration: | 2464; | Percent | complete: | 61.6%; | Average | loss: | 2.5685 |
| Iteration: | 2465; | Percent | complete: | 61.6%; | Average | loss: | 2.6726 |
| Iteration: | 2466; | Percent | complete: | 61.7%; | Average | loss: | 2.5800 |
| Iteration: | 2467; | Percent | complete: | 61.7%; | Average | loss: | 2.6468 |
| Iteration: | 2468; | Percent | complete: | 61.7%; | Average | loss: | 2.4565 |
| Iteration: | 2469; | Percent | complete: | 61.7%; | Average | loss: | 2.4667 |
| Iteration: | 2470; | Percent | complete: | 61.8%; | Average | loss: | 2.5235 |
| Iteration: | 2471; | Percent | complete: | 61.8%; | Average | loss: | 2.6292 |
| Iteration: | 2472; | Percent | complete: | 61.8%; | Average | loss: | 2.5296 |
| Iteration: | 2473; | Percent | complete: | 61.8%; | Average | loss: | 2.7476 |
| Iteration: | 2474; | Percent | complete: | 61.9%; | Average | loss: | 2.6023 |
| Iteration: | 2475; | Percent | complete: | 61.9%; | Average | loss: | 2.6789 |
| Iteration: | 2476; | Percent | complete: | 61.9%; | Average | loss: | 2.3902 |
| Iteration: | 2477; | Percent | complete: | 61.9%; | Average | loss: | 2.3755 |
| Iteration: | 2478; | Percent | complete: | 62.0%; | Average | loss: | 2.6144 |
| Iteration: | 2479; | Percent | complete: | 62.0%; | Average | loss: | 2.7120 |
| Iteration: | 2480; | Percent | complete: | 62.0%; | Average | loss: | 2.4991 |
| Iteration: | 2481; | Percent | complete: | 62.0%; | Average | loss: | 2.4922 |
| Iteration: | 2482; | Percent | complete: | 62.1%; | Average | loss: | 2.7589 |
| Iteration: | 2483; | Percent | complete: | 62.1%; | Average | loss: | 2.7158 |
| Iteration: | 2484; | Percent | complete: | 62.1%; | Average | loss: | 2.8172 |
| Iteration: | 2485; | Percent | complete: | 62.1%; | Average | loss: | 2.5343 |
| Iteration: | 2486; | Percent | complete: | 62.2%; | Average | loss: | 2.7195 |
| Iteration: | 2487; | Percent | complete: | 62.2%; | Average | loss: | 2.5510 |
| Iteration: | 2488; | Percent | complete: | 62.2%; | Average | loss: | 2.4898 |
| Iteration: | 2489; | Percent | complete: | 62.2%; | Average | loss: | 2.7109 |
| Iteration: | 2490; | Percent | complete: | 62.3%; | Average | loss: | 2.6568 |
| Iteration: | 2491; | Percent | complete: | 62.3%; | Average | loss: | 2.7571 |
| Iteration: | 2492; | Percent | complete: | 62.3%; | Average | loss: | 2.6857 |
| Iteration: | 2493; | Percent | complete: | 62.3%; | Average | loss: | 2.6517 |
| Iteration: | 2494; | Percent | complete: | 62.4%; | Average | loss: | 2.7518 |
| Iteration: | 2495; | Percent | complete: | 62.4%; | Average | loss: | 2.5964 |
| Iteration: | 2496; | Percent | complete: | 62.4%; | Average | loss: | 2.8478 |
| Iteration: | 2497; | Percent | complete: | 62.4%; | Average | loss: | 2.6387 |
| Iteration: | 2498; | Percent | complete: | 62.5%; | Average | loss: | 2.7166 |
| Iteration: | 2499; | Percent | complete: | 62.5%; | Average | loss: | 2.6592 |
| Iteration: | 2500; | Percent | complete: | 62.5%; | Average | loss: | 2.6685 |
| Iteration: | 2501; | Percent | complete: | 62.5%; | Average | loss: | 2.6612 |
| Iteration: | 2502; | Percent | complete: | 62.5%; | Average | loss: | 2.5800 |
| Iteration: | 2503; | Percent | complete: | 62.6%; | Average | loss: | 2.6926 |
| Iteration: | 2504; | Percent | complete: | 62.6%; | Average | loss: | 2.6472 |
| Iteration: | 2505; | Percent | complete: | 62.6%; | Average | loss: | 2.6414 |
| Iteration: | 2506; | Percent | complete: | 62.6%; | Average | loss: | 2.5364 |
| Iteration: | 2507; | Percent | complete: | 62.7%; | Average | loss: | 2.3724 |
| Iteration: | 2508; | Percent | complete: | 62.7%; | Average | loss: | 2.6042 |
| Iteration: | 2509; | Percent | complete: | 62.7%; | Average | loss: | 2.6547 |
| Iteration: | 2510; | Percent | complete: | 62.7%; | Average | loss: | 2.6115 |

|                  |                   |        |               |        |
|------------------|-------------------|--------|---------------|--------|
| Iteration: 2538; | Percent complete: | 63.4%; | Average loss: | 2.7209 |
| Iteration: 2539; | Percent complete: | 63.5%; | Average loss: | 2.5643 |
| Iteration: 2540; | Percent complete: | 63.5%; | Average loss: | 2.6466 |
| Iteration: 2541; | Percent complete: | 63.5%; | Average loss: | 2.6306 |
| Iteration: 2542; | Percent complete: | 63.5%; | Average loss: | 2.7362 |
| Iteration: 2543; | Percent complete: | 63.6%; | Average loss: | 2.5138 |
| Iteration: 2544; | Percent complete: | 63.6%; | Average loss: | 2.5580 |
| Iteration: 2545; | Percent complete: | 63.6%; | Average loss: | 2.7901 |
| Iteration: 2546; | Percent complete: | 63.6%; | Average loss: | 2.4756 |
| Iteration: 2547; | Percent complete: | 63.7%; | Average loss: | 2.4586 |
| Iteration: 2548; | Percent complete: | 63.7%; | Average loss: | 2.7723 |
| Iteration: 2549; | Percent complete: | 63.7%; | Average loss: | 2.5354 |
| Iteration: 2550; | Percent complete: | 63.7%; | Average loss: | 2.7045 |
| Iteration: 2551; | Percent complete: | 63.8%; | Average loss: | 2.8967 |
| Iteration: 2552; | Percent complete: | 63.8%; | Average loss: | 2.8143 |
| Iteration: 2553; | Percent complete: | 63.8%; | Average loss: | 2.4953 |
| Iteration: 2554; | Percent complete: | 63.8%; | Average loss: | 2.6661 |
| Iteration: 2555; | Percent complete: | 63.9%; | Average loss: | 2.5852 |
| Iteration: 2556; | Percent complete: | 63.9%; | Average loss: | 2.5961 |
| Iteration: 2557; | Percent complete: | 63.9%; | Average loss: | 2.8892 |
| Iteration: 2558; | Percent complete: | 63.9%; | Average loss: | 2.5332 |
| Iteration: 2559; | Percent complete: | 64.0%; | Average loss: | 2.5648 |
| Iteration: 2560; | Percent complete: | 64.0%; | Average loss: | 2.7365 |
| Iteration: 2561; | Percent complete: | 64.0%; | Average loss: | 2.3041 |
| Iteration: 2562; | Percent complete: | 64.0%; | Average loss: | 2.5635 |
| Iteration: 2563; | Percent complete: | 64.1%; | Average loss: | 2.7077 |
| Iteration: 2564; | Percent complete: | 64.1%; | Average loss: | 2.4723 |
| Iteration: 2565; | Percent complete: | 64.1%; | Average loss: | 2.6371 |
| Iteration: 2566; | Percent complete: | 64.1%; | Average loss: | 2.5340 |
| Iteration: 2567; | Percent complete: | 64.2%; | Average loss: | 2.6645 |
| Iteration: 2568; | Percent complete: | 64.2%; | Average loss: | 2.6320 |
| Iteration: 2569; | Percent complete: | 64.2%; | Average loss: | 2.6121 |
| Iteration: 2570; | Percent complete: | 64.2%; | Average loss: | 2.4074 |
| Iteration: 2571; | Percent complete: | 64.3%; | Average loss: | 2.5153 |
| Iteration: 2572; | Percent complete: | 64.3%; | Average loss: | 2.4642 |
| Iteration: 2573; | Percent complete: | 64.3%; | Average loss: | 2.7185 |
| Iteration: 2574; | Percent complete: | 64.3%; | Average loss: | 2.6666 |
| Iteration: 2575; | Percent complete: | 64.4%; | Average loss: | 2.7852 |
| Iteration: 2576; | Percent complete: | 64.4%; | Average loss: | 2.5464 |
| Iteration: 2577; | Percent complete: | 64.4%; | Average loss: | 2.5882 |
| Iteration: 2578; | Percent complete: | 64.5%; | Average loss: | 2.6324 |
| Iteration: 2579; | Percent complete: | 64.5%; | Average loss: | 2.5310 |
| Iteration: 2580; | Percent complete: | 64.5%; | Average loss: | 2.8432 |
| Iteration: 2581; | Percent complete: | 64.5%; | Average loss: | 2.5939 |
| Iteration: 2582; | Percent complete: | 64.5%; | Average loss: | 2.4514 |
| Iteration: 2583; | Percent complete: | 64.6%; | Average loss: | 2.5858 |
| Iteration: 2584; | Percent complete: | 64.6%; | Average loss: | 2.7294 |
| Iteration: 2585; | Percent complete: | 64.6%; | Average loss: | 2.5339 |
| Iteration: 2586; | Percent complete: | 64.6%; | Average loss: | 2.7388 |
| Iteration: 2587; | Percent complete: | 64.7%; | Average loss: | 2.4867 |
| Iteration: 2588; | Percent complete: | 64.7%; | Average loss: | 2.7749 |
| Iteration: 2589; | Percent complete: | 64.7%; | Average loss: | 2.8602 |
| Iteration: 2590; | Percent complete: | 64.8%; | Average loss: | 2.7855 |
| Iteration: 2591; | Percent complete: | 64.8%; | Average loss: | 2.5944 |
| Iteration: 2592; | Percent complete: | 64.8%; | Average loss: | 2.7490 |
| Iteration: 2593; | Percent complete: | 64.8%; | Average loss: | 2.4967 |
| Iteration: 2594; | Percent complete: | 64.8%; | Average loss: | 2.4580 |
| Iteration: 2595; | Percent complete: | 64.9%; | Average loss: | 2.6665 |
| Iteration: 2596; | Percent complete: | 64.9%; | Average loss: | 2.5503 |
| Iteration: 2597; | Percent complete: | 64.9%; | Average loss: | 2.5957 |
| Iteration: 2598; | Percent complete: | 65.0%; | Average loss: | 2.5252 |
| Iteration: 2599; | Percent complete: | 65.0%; | Average loss: | 2.6753 |
| Iteration: 2600; | Percent complete: | 65.0%; | Average loss: | 2.7266 |
| Iteration: 2601; | Percent complete: | 65.0%; | Average loss: | 2.3838 |
| Iteration: 2602; | Percent complete: | 65.0%; | Average loss: | 2.6592 |
| Iteration: 2603; | Percent complete: | 65.1%; | Average loss: | 2.6591 |
| Iteration: 2604; | Percent complete: | 65.1%; | Average loss: | 2.4723 |
| Iteration: 2605; | Percent complete: | 65.1%; | Average loss: | 2.6965 |
| Iteration: 2606; | Percent complete: | 65.1%; | Average loss: | 2.7761 |
| Iteration: 2607; | Percent complete: | 65.2%; | Average loss: | 2.5695 |
| Iteration: 2608; | Percent complete: | 65.2%; | Average loss: | 2.8988 |
| Iteration: 2609; | Percent complete: | 65.2%; | Average loss: | 2.7018 |
| Iteration: 2610; | Percent complete: | 65.2%; | Average loss: | 2.6555 |
| Iteration: 2611; | Percent complete: | 65.3%; | Average loss: | 2.5518 |
| Iteration: 2612; | Percent complete: | 65.3%; | Average loss: | 2.6970 |
| Iteration: 2613; | Percent complete: | 65.3%; | Average loss: | 2.8080 |
| Iteration: 2614; | Percent complete: | 65.3%; | Average loss: | 2.8645 |
| Iteration: 2615; | Percent complete: | 65.4%; | Average loss: | 2.6600 |
| Iteration: 2616; | Percent complete: | 65.4%; | Average loss: | 2.6585 |
| Iteration: 2617; | Percent complete: | 65.4%; | Average loss: | 2.5555 |
| Iteration: 2618; |                   |        |               |        |

Iteration: 2630; Percent complete: 65.8%; Average loss: 2.7766  
Iteration: 2631; Percent complete: 65.8%; Average loss: 2.6938  
Iteration: 2632; Percent complete: 65.8%; Average loss: 2.3795  
Iteration: 2633; Percent complete: 65.8%; Average loss: 2.8661  
Iteration: 2634; Percent complete: 65.8%; Average loss: 2.6165  
Iteration: 2635; Percent complete: 65.9%; Average loss: 2.4765  
Iteration: 2636; Percent complete: 65.9%; Average loss: 2.6623  
Iteration: 2637; Percent complete: 65.9%; Average loss: 2.7495  
Iteration: 2638; Percent complete: 66.0%; Average loss: 2.6026  
Iteration: 2639; Percent complete: 66.0%; Average loss: 2.6522  
Iteration: 2640; Percent complete: 66.0%; Average loss: 2.5221  
Iteration: 2641; Percent complete: 66.0%; Average loss: 2.6611  
Iteration: 2642; Percent complete: 66.0%; Average loss: 2.5153  
Iteration: 2643; Percent complete: 66.1%; Average loss: 2.1992  
Iteration: 2644; Percent complete: 66.1%; Average loss: 2.3439  
Iteration: 2645; Percent complete: 66.1%; Average loss: 2.4612  
Iteration: 2646; Percent complete: 66.1%; Average loss: 2.6168  
Iteration: 2647; Percent complete: 66.2%; Average loss: 2.7566  
Iteration: 2648; Percent complete: 66.2%; Average loss: 2.7311  
Iteration: 2649; Percent complete: 66.2%; Average loss: 2.7768  
Iteration: 2650; Percent complete: 66.2%; Average loss: 2.4707  
Iteration: 2651; Percent complete: 66.3%; Average loss: 2.6723  
Iteration: 2652; Percent complete: 66.3%; Average loss: 2.7383  
Iteration: 2653; Percent complete: 66.3%; Average loss: 2.5748  
Iteration: 2654; Percent complete: 66.3%; Average loss: 2.7716  
Iteration: 2655; Percent complete: 66.4%; Average loss: 2.6566  
Iteration: 2656; Percent complete: 66.4%; Average loss: 2.5290  
Iteration: 2657; Percent complete: 66.4%; Average loss: 2.5625  
Iteration: 2658; Percent complete: 66.5%; Average loss: 2.7724  
Iteration: 2659; Percent complete: 66.5%; Average loss: 2.3277  
Iteration: 2660; Percent complete: 66.5%; Average loss: 2.5041  
Iteration: 2661; Percent complete: 66.5%; Average loss: 2.4240  
Iteration: 2662; Percent complete: 66.5%; Average loss: 2.6017  
Iteration: 2663; Percent complete: 66.6%; Average loss: 2.7768  
Iteration: 2664; Percent complete: 66.6%; Average loss: 2.5969  
Iteration: 2665; Percent complete: 66.6%; Average loss: 2.9098  
Iteration: 2666; Percent complete: 66.6%; Average loss: 2.6065  
Iteration: 2667; Percent complete: 66.7%; Average loss: 2.5929  
Iteration: 2668; Percent complete: 66.7%; Average loss: 2.5596  
Iteration: 2669; Percent complete: 66.7%; Average loss: 2.6019  
Iteration: 2670; Percent complete: 66.8%; Average loss: 2.5711  
Iteration: 2671; Percent complete: 66.8%; Average loss: 2.6686  
Iteration: 2672; Percent complete: 66.8%; Average loss: 3.0527  
Iteration: 2673; Percent complete: 66.8%; Average loss: 2.5537  
Iteration: 2674; Percent complete: 66.8%; Average loss: 2.6496  
Iteration: 2675; Percent complete: 66.9%; Average loss: 2.4491  
Iteration: 2676; Percent complete: 66.9%; Average loss: 2.6767  
Iteration: 2677; Percent complete: 66.9%; Average loss: 2.6084  
Iteration: 2678; Percent complete: 67.0%; Average loss: 2.6751  
Iteration: 2679; Percent complete: 67.0%; Average loss: 2.6564  
Iteration: 2680; Percent complete: 67.0%; Average loss: 2.5546  
Iteration: 2681; Percent complete: 67.0%; Average loss: 2.6267  
Iteration: 2682; Percent complete: 67.0%; Average loss: 2.8753  
Iteration: 2683; Percent complete: 67.1%; Average loss: 2.5846  
Iteration: 2684; Percent complete: 67.1%; Average loss: 2.6136  
Iteration: 2685; Percent complete: 67.1%; Average loss: 2.5932  
Iteration: 2686; Percent complete: 67.2%; Average loss: 2.7804  
Iteration: 2687; Percent complete: 67.2%; Average loss: 2.6434  
Iteration: 2688; Percent complete: 67.2%; Average loss: 2.5512  
Iteration: 2689; Percent complete: 67.2%; Average loss: 2.7316  
Iteration: 2690; Percent complete: 67.2%; Average loss: 2.7927  
Iteration: 2691; Percent complete: 67.3%; Average loss: 2.9041  
Iteration: 2692; Percent complete: 67.3%; Average loss: 2.7342  
Iteration: 2693; Percent complete: 67.3%; Average loss: 2.5737  
Iteration: 2694; Percent complete: 67.3%; Average loss: 2.5740  
Iteration: 2695; Percent complete: 67.4%; Average loss: 2.5878  
Iteration: 2696; Percent complete: 67.4%; Average loss: 2.7588  
Iteration: 2697; Percent complete: 67.4%; Average loss: 2.6800  
Iteration: 2698; Percent complete: 67.5%; Average loss: 2.5522  
Iteration: 2699; Percent complete: 67.5%; Average loss: 2.3837  
Iteration: 2700; Percent complete: 67.5%; Average loss: 3.0093  
Iteration: 2701; Percent complete: 67.5%; Average loss: 2.7770  
Iteration: 2702; Percent complete: 67.5%; Average loss: 2.6783  
Iteration: 2703; Percent complete: 67.6%; Average loss: 2.7363  
Iteration: 2704; Percent complete: 67.6%; Average loss: 2.7488  
Iteration: 2705; Percent complete: 67.6%; Average loss: 2.6653  
Iteration: 2706; Percent complete: 67.7%; Average loss: 2.5318  
Iteration: 2707; Percent complete: 67.7%; Average loss: 2.8230  
Iteration: 2708; Percent complete: 67.7%; Average loss: 2.6911  
Iteration: 2709; Percent complete: 67.7%; Average loss: 2.4323  
Iteration: 2710; Percent complete: 67.8%; Average loss: 2.5833  
Iteration: 2711; Percent complete: 67.8%; Average loss: 2.5474  
Iteration: 2712; Percent complete: 67.8%; Average loss: 2.4110  
Iteration: 2713; Percent complete: 67.8%; Average loss: 2.7845  
Iteration: 2714; Percent complete: 67.8%; Average loss: 2.5444  
Iteration: 2715; Percent complete: 67.9%; Average loss: 2.4852  
Iteration: 2716; Percent complete: 67.9%; Average loss: 2.3559  
Iteration: 2717; Percent complete: 67.9%; Average loss: 2.5965  
Iteration: 2718; Percent complete: 68.0%; Average loss: 2.6834  
Iteration: 2719; Percent complete: 68.0%; Average loss: 2.5956  
Iteration: 2720; Percent complete: 68.0%; Average loss: 2.6484





Iteration: 2983; Percent complete: 72.8%; Average loss: 2.9046  
Iteration: 2904; Percent complete: 72.6%; Average loss: 2.5198  
Iteration: 2905; Percent complete: 72.6%; Average loss: 2.8040  
Iteration: 2906; Percent complete: 72.7%; Average loss: 2.6723  
Iteration: 2907; Percent complete: 72.7%; Average loss: 2.8843  
Iteration: 2908; Percent complete: 72.7%; Average loss: 2.5459  
Iteration: 2909; Percent complete: 72.7%; Average loss: 2.4362  
Iteration: 2910; Percent complete: 72.8%; Average loss: 2.8178  
Iteration: 2911; Percent complete: 72.8%; Average loss: 2.6536  
Iteration: 2912; Percent complete: 72.8%; Average loss: 2.3585  
Iteration: 2913; Percent complete: 72.8%; Average loss: 2.5485  
Iteration: 2914; Percent complete: 72.9%; Average loss: 2.7530  
Iteration: 2915; Percent complete: 72.9%; Average loss: 2.2661  
Iteration: 2916; Percent complete: 72.9%; Average loss: 2.7357  
Iteration: 2917; Percent complete: 72.9%; Average loss: 2.7995  
Iteration: 2918; Percent complete: 73.0%; Average loss: 2.5796  
Iteration: 2919; Percent complete: 73.0%; Average loss: 2.4786  
Iteration: 2920; Percent complete: 73.0%; Average loss: 2.6638  
Iteration: 2921; Percent complete: 73.0%; Average loss: 2.5437  
Iteration: 2922; Percent complete: 73.0%; Average loss: 2.8321  
Iteration: 2923; Percent complete: 73.1%; Average loss: 2.6352  
Iteration: 2924; Percent complete: 73.1%; Average loss: 2.8460  
Iteration: 2925; Percent complete: 73.1%; Average loss: 2.8060  
Iteration: 2926; Percent complete: 73.2%; Average loss: 2.3767  
Iteration: 2927; Percent complete: 73.2%; Average loss: 2.4549  
Iteration: 2928; Percent complete: 73.2%; Average loss: 2.6513  
Iteration: 2929; Percent complete: 73.2%; Average loss: 2.5742  
Iteration: 2930; Percent complete: 73.2%; Average loss: 2.7896  
Iteration: 2931; Percent complete: 73.3%; Average loss: 2.6871  
Iteration: 2932; Percent complete: 73.3%; Average loss: 2.5658  
Iteration: 2933; Percent complete: 73.3%; Average loss: 2.5284  
Iteration: 2934; Percent complete: 73.4%; Average loss: 2.4491  
Iteration: 2935; Percent complete: 73.4%; Average loss: 2.5944  
Iteration: 2936; Percent complete: 73.4%; Average loss: 2.4993  
Iteration: 2937; Percent complete: 73.4%; Average loss: 2.7925  
Iteration: 2938; Percent complete: 73.5%; Average loss: 2.3933  
Iteration: 2939; Percent complete: 73.5%; Average loss: 2.6724  
Iteration: 2940; Percent complete: 73.5%; Average loss: 2.3408  
Iteration: 2941; Percent complete: 73.5%; Average loss: 2.4390  
Iteration: 2942; Percent complete: 73.6%; Average loss: 2.5181  
Iteration: 2943; Percent complete: 73.6%; Average loss: 2.6584  
Iteration: 2944; Percent complete: 73.6%; Average loss: 2.6709  
Iteration: 2945; Percent complete: 73.6%; Average loss: 2.7715  
Iteration: 2946; Percent complete: 73.7%; Average loss: 2.5090  
Iteration: 2947; Percent complete: 73.7%; Average loss: 2.8143  
Iteration: 2948; Percent complete: 73.7%; Average loss: 2.5519  
Iteration: 2949; Percent complete: 73.7%; Average loss: 2.5327  
Iteration: 2950; Percent complete: 73.8%; Average loss: 2.7144  
Iteration: 2951; Percent complete: 73.8%; Average loss: 2.6479  
Iteration: 2952; Percent complete: 73.8%; Average loss: 2.9161  
Iteration: 2953; Percent complete: 73.8%; Average loss: 2.4440  
Iteration: 2954; Percent complete: 73.9%; Average loss: 2.8074  
Iteration: 2955; Percent complete: 73.9%; Average loss: 2.2497  
Iteration: 2956; Percent complete: 73.9%; Average loss: 2.4325  
Iteration: 2957; Percent complete: 73.9%; Average loss: 2.6862  
Iteration: 2958; Percent complete: 74.0%; Average loss: 2.4853  
Iteration: 2959; Percent complete: 74.0%; Average loss: 2.5747  
Iteration: 2960; Percent complete: 74.0%; Average loss: 2.5116  
Iteration: 2961; Percent complete: 74.0%; Average loss: 2.5656  
Iteration: 2962; Percent complete: 74.1%; Average loss: 2.5852  
Iteration: 2963; Percent complete: 74.1%; Average loss: 2.3884  
Iteration: 2964; Percent complete: 74.1%; Average loss: 2.5471  
Iteration: 2965; Percent complete: 74.1%; Average loss: 2.4767  
Iteration: 2966; Percent complete: 74.2%; Average loss: 2.3742  
Iteration: 2967; Percent complete: 74.2%; Average loss: 2.5129  
Iteration: 2968; Percent complete: 74.2%; Average loss: 2.6713  
Iteration: 2969; Percent complete: 74.2%; Average loss: 2.7465  
Iteration: 2970; Percent complete: 74.2%; Average loss: 2.5930  
Iteration: 2971; Percent complete: 74.3%; Average loss: 2.5632  
Iteration: 2972; Percent complete: 74.3%; Average loss: 2.5574  
Iteration: 2973; Percent complete: 74.3%; Average loss: 2.5580  
Iteration: 2974; Percent complete: 74.4%; Average loss: 2.6946  
Iteration: 2975; Percent complete: 74.4%; Average loss: 2.5988  
Iteration: 2976; Percent complete: 74.4%; Average loss: 2.5508  
Iteration: 2977; Percent complete: 74.4%; Average loss: 2.6700  
Iteration: 2978; Percent complete: 74.5%; Average loss: 2.9097  
Iteration: 2979; Percent complete: 74.5%; Average loss: 2.4816  
Iteration: 2980; Percent complete: 74.5%; Average loss: 2.6380  
Iteration: 2981; Percent complete: 74.5%; Average loss: 2.7562  
Iteration: 2982; Percent complete: 74.6%; Average loss: 2.5891  
Iteration: 2983; Percent complete: 74.6%; Average loss: 2.7840  
Iteration: 2984; Percent complete: 74.6%; Average loss: 2.7695  
Iteration: 2985; Percent complete: 74.6%; Average loss: 2.6385  
Iteration: 2986; Percent complete: 74.7%; Average loss: 2.5231  
Iteration: 2987; Percent complete: 74.7%; Average loss: 2.3822  
Iteration: 2988; Percent complete: 74.7%; Average loss: 2.7168  
Iteration: 2989; Percent complete: 74.7%; Average loss: 2.4286  
Iteration: 2990; Percent complete: 74.8%; Average loss: 2.8504  
Iteration: 2991; Percent complete: 74.8%; Average loss: 2.5229  
Iteration: 2992; Percent complete: 74.8%; Average loss: 2.4906  
Iteration: 2993; Percent complete: 74.8%; Average loss: 2.4674  
Iteration: 2994; Percent complete: 74.9%; Average loss: 2.7331





|            |       |         |           |        |         |       |       |
|------------|-------|---------|-----------|--------|---------|-------|-------|
| Iteration: | 3086; | Percent | complete: | 77.1%; | Average | loss: | 2.579 |
| Iteration: | 3087; | Percent | complete: | 77.2%; | Average | loss: | 2.461 |
| Iteration: | 3088; | Percent | complete: | 77.2%; | Average | loss: | 2.412 |
| Iteration: | 3089; | Percent | complete: | 77.2%; | Average | loss: | 2.744 |
| Iteration: | 3090; | Percent | complete: | 77.2%; | Average | loss: | 2.569 |
| Iteration: | 3091; | Percent | complete: | 77.3%; | Average | loss: | 2.559 |
| Iteration: | 3092; | Percent | complete: | 77.3%; | Average | loss: | 2.707 |
| Iteration: | 3093; | Percent | complete: | 77.3%; | Average | loss: | 2.706 |
| Iteration: | 3094; | Percent | complete: | 77.3%; | Average | loss: | 2.512 |
| Iteration: | 3095; | Percent | complete: | 77.4%; | Average | loss: | 2.504 |
| Iteration: | 3096; | Percent | complete: | 77.4%; | Average | loss: | 2.375 |
| Iteration: | 3097; | Percent | complete: | 77.4%; | Average | loss: | 2.696 |
| Iteration: | 3098; | Percent | complete: | 77.5%; | Average | loss: | 2.692 |
| Iteration: | 3099; | Percent | complete: | 77.5%; | Average | loss: | 2.868 |
| Iteration: | 3100; | Percent | complete: | 77.5%; | Average | loss: | 2.493 |
| Iteration: | 3101; | Percent | complete: | 77.5%; | Average | loss: | 2.925 |
| Iteration: | 3102; | Percent | complete: | 77.5%; | Average | loss: | 2.588 |
| Iteration: | 3103; | Percent | complete: | 77.6%; | Average | loss: | 2.454 |
| Iteration: | 3104; | Percent | complete: | 77.6%; | Average | loss: | 2.614 |
| Iteration: | 3105; | Percent | complete: | 77.6%; | Average | loss: | 2.765 |
| Iteration: | 3106; | Percent | complete: | 77.6%; | Average | loss: | 2.293 |
| Iteration: | 3107; | Percent | complete: | 77.7%; | Average | loss: | 2.479 |
| Iteration: | 3108; | Percent | complete: | 77.7%; | Average | loss: | 2.733 |
| Iteration: | 3109; | Percent | complete: | 77.7%; | Average | loss: | 2.637 |
| Iteration: | 3110; | Percent | complete: | 77.8%; | Average | loss: | 2.629 |
| Iteration: | 3111; | Percent | complete: | 77.8%; | Average | loss: | 2.665 |
| Iteration: | 3112; | Percent | complete: | 77.8%; | Average | loss: | 2.763 |
| Iteration: | 3113; | Percent | complete: | 77.8%; | Average | loss: | 2.486 |
| Iteration: | 3114; | Percent | complete: | 77.8%; | Average | loss: | 2.608 |
| Iteration: | 3115; | Percent | complete: | 77.9%; | Average | loss: | 2.623 |
| Iteration: | 3116; | Percent | complete: | 77.9%; | Average | loss: | 2.734 |
| Iteration: | 3117; | Percent | complete: | 77.9%; | Average | loss: | 2.562 |
| Iteration: | 3118; | Percent | complete: | 78.0%; | Average | loss: | 2.610 |
| Iteration: | 3119; | Percent | complete: | 78.0%; | Average | loss: | 2.702 |
| Iteration: | 3120; | Percent | complete: | 78.0%; | Average | loss: | 2.400 |
| Iteration: | 3121; | Percent | complete: | 78.0%; | Average | loss: | 2.636 |
| Iteration: | 3122; | Percent | complete: | 78.0%; | Average | loss: | 2.608 |
| Iteration: | 3123; | Percent | complete: | 78.1%; | Average | loss: | 2.638 |
| Iteration: | 3124; | Percent | complete: | 78.1%; | Average | loss: | 2.551 |
| Iteration: | 3125; | Percent | complete: | 78.1%; | Average | loss: | 2.617 |
| Iteration: | 3126; | Percent | complete: | 78.1%; | Average | loss: | 2.802 |
| Iteration: | 3127; | Percent | complete: | 78.2%; | Average | loss: | 2.700 |
| Iteration: | 3128; | Percent | complete: | 78.2%; | Average | loss: | 2.665 |
| Iteration: | 3129; | Percent | complete: | 78.2%; | Average | loss: | 2.389 |
| Iteration: | 3130; | Percent | complete: | 78.2%; | Average | loss: | 2.544 |
| Iteration: | 3131; | Percent | complete: | 78.3%; | Average | loss: | 2.573 |
| Iteration: | 3132; | Percent | complete: | 78.3%; | Average | loss: | 2.682 |
| Iteration: | 3133; | Percent | complete: | 78.3%; | Average | loss: | 2.481 |
| Iteration: | 3134; | Percent | complete: | 78.3%; | Average | loss: | 2.437 |
| Iteration: | 3135; | Percent | complete: | 78.4%; | Average | loss: | 2.599 |
| Iteration: | 3136; | Percent | complete: | 78.4%; | Average | loss: | 2.637 |
| Iteration: | 3137; | Percent | complete: | 78.4%; | Average | loss: | 2.521 |
| Iteration: | 3138; | Percent | complete: | 78.5%; | Average | loss: | 2.649 |
| Iteration: | 3139; | Percent | complete: | 78.5%; | Average | loss: | 2.688 |
| Iteration: | 3140; | Percent | complete: | 78.5%; | Average | loss: | 2.341 |
| Iteration: | 3141; | Percent | complete: | 78.5%; | Average | loss: | 2.621 |
| Iteration: | 3142; | Percent | complete: | 78.5%; | Average | loss: | 2.696 |
| Iteration: | 3143; | Percent | complete: | 78.6%; | Average | loss: | 2.696 |
| Iteration: | 3144; | Percent | complete: | 78.6%; | Average | loss: | 2.703 |
| Iteration: | 3145; | Percent | complete: | 78.6%; | Average | loss: | 2.649 |
| Iteration: | 3146; | Percent | complete: | 78.6%; | Average | loss: | 2.589 |
| Iteration: | 3147; | Percent | complete: | 78.7%; | Average | loss: | 2.770 |
| Iteration: | 3148; | Percent | complete: | 78.7%; | Average | loss: | 2.755 |
| Iteration: | 3149; | Percent | complete: | 78.7%; | Average | loss: | 2.477 |
| Iteration: | 3150; | Percent | complete: | 78.8%; | Average | loss: | 2.459 |

|            |       |                   |        |               |        |
|------------|-------|-------------------|--------|---------------|--------|
| Iteration: | 3177; | Percent complete: | 79.4%; | Average loss: | 2.5691 |
| Iteration: | 3178; | Percent complete: | 79.5%; | Average loss: | 2.8488 |
| Iteration: | 3179; | Percent complete: | 79.5%; | Average loss: | 2.5689 |
| Iteration: | 3180; | Percent complete: | 79.5%; | Average loss: | 2.5849 |
| Iteration: | 3181; | Percent complete: | 79.5%; | Average loss: | 2.4648 |
| Iteration: | 3182; | Percent complete: | 79.5%; | Average loss: | 2.5099 |
| Iteration: | 3183; | Percent complete: | 79.6%; | Average loss: | 2.6571 |
| Iteration: | 3184; | Percent complete: | 79.6%; | Average loss: | 2.7442 |
| Iteration: | 3185; | Percent complete: | 79.6%; | Average loss: | 2.7420 |
| Iteration: | 3186; | Percent complete: | 79.7%; | Average loss: | 2.7259 |
| Iteration: | 3187; | Percent complete: | 79.7%; | Average loss: | 2.5581 |
| Iteration: | 3188; | Percent complete: | 79.7%; | Average loss: | 2.7397 |
| Iteration: | 3189; | Percent complete: | 79.7%; | Average loss: | 2.5253 |
| Iteration: | 3190; | Percent complete: | 79.8%; | Average loss: | 2.7814 |
| Iteration: | 3191; | Percent complete: | 79.8%; | Average loss: | 2.9121 |
| Iteration: | 3192; | Percent complete: | 79.8%; | Average loss: | 2.5835 |
| Iteration: | 3193; | Percent complete: | 79.8%; | Average loss: | 2.7282 |
| Iteration: | 3194; | Percent complete: | 79.8%; | Average loss: | 2.5969 |
| Iteration: | 3195; | Percent complete: | 79.9%; | Average loss: | 2.6384 |
| Iteration: | 3196; | Percent complete: | 79.9%; | Average loss: | 2.7939 |
| Iteration: | 3197; | Percent complete: | 79.9%; | Average loss: | 2.6013 |
| Iteration: | 3198; | Percent complete: | 80.0%; | Average loss: | 2.6031 |
| Iteration: | 3199; | Percent complete: | 80.0%; | Average loss: | 2.9127 |
| Iteration: | 3200; | Percent complete: | 80.0%; | Average loss: | 2.5820 |
| Iteration: | 3201; | Percent complete: | 80.0%; | Average loss: | 2.7510 |
| Iteration: | 3202; | Percent complete: | 80.0%; | Average loss: | 2.5372 |
| Iteration: | 3203; | Percent complete: | 80.1%; | Average loss: | 2.5519 |
| Iteration: | 3204; | Percent complete: | 80.1%; | Average loss: | 2.6428 |
| Iteration: | 3205; | Percent complete: | 80.1%; | Average loss: | 2.4961 |
| Iteration: | 3206; | Percent complete: | 80.2%; | Average loss: | 2.6399 |
| Iteration: | 3207; | Percent complete: | 80.2%; | Average loss: | 2.7385 |
| Iteration: | 3208; | Percent complete: | 80.2%; | Average loss: | 2.5331 |
| Iteration: | 3209; | Percent complete: | 80.2%; | Average loss: | 2.2980 |
| Iteration: | 3210; | Percent complete: | 80.2%; | Average loss: | 2.5786 |
| Iteration: | 3211; | Percent complete: | 80.3%; | Average loss: | 2.5453 |
| Iteration: | 3212; | Percent complete: | 80.3%; | Average loss: | 2.8863 |
| Iteration: | 3213; | Percent complete: | 80.3%; | Average loss: | 2.6022 |
| Iteration: | 3214; | Percent complete: | 80.3%; | Average loss: | 2.5135 |
| Iteration: | 3215; | Percent complete: | 80.4%; | Average loss: | 2.7638 |
| Iteration: | 3216; | Percent complete: | 80.4%; | Average loss: | 2.4407 |
| Iteration: | 3217; | Percent complete: | 80.4%; | Average loss: | 2.6375 |
| Iteration: | 3218; | Percent complete: | 80.5%; | Average loss: | 2.4987 |
| Iteration: | 3219; | Percent complete: | 80.5%; | Average loss: | 2.7725 |
| Iteration: | 3220; | Percent complete: | 80.5%; | Average loss: | 2.6343 |
| Iteration: | 3221; | Percent complete: | 80.5%; | Average loss: | 2.5600 |
| Iteration: | 3222; | Percent complete: | 80.5%; | Average loss: | 2.6109 |
| Iteration: | 3223; | Percent complete: | 80.6%; | Average loss: | 2.3249 |
| Iteration: | 3224; | Percent complete: | 80.6%; | Average loss: | 2.7587 |
| Iteration: | 3225; | Percent complete: | 80.6%; | Average loss: | 2.5265 |
| Iteration: | 3226; | Percent complete: | 80.7%; | Average loss: | 2.7835 |
| Iteration: | 3227; | Percent complete: | 80.7%; | Average loss: | 2.6409 |
| Iteration: | 3228; | Percent complete: | 80.7%; | Average loss: | 2.5627 |
| Iteration: | 3229; | Percent complete: | 80.7%; | Average loss: | 2.8661 |
| Iteration: | 3230; | Percent complete: | 80.8%; | Average loss: | 2.4784 |
| Iteration: | 3231; | Percent complete: | 80.8%; | Average loss: | 2.7343 |
| Iteration: | 3232; | Percent complete: | 80.8%; | Average loss: | 2.6785 |
| Iteration: | 3233; | Percent complete: | 80.8%; | Average loss: | 2.6292 |
| Iteration: | 3234; | Percent complete: | 80.8%; | Average loss: | 2.6562 |
| Iteration: | 3235; | Percent complete: | 80.9%; | Average loss: | 2.6032 |
| Iteration: | 3236; | Percent complete: | 80.9%; | Average loss: | 2.6493 |
| Iteration: | 3237; | Percent complete: | 80.9%; | Average loss: | 2.6152 |
| Iteration: | 3238; | Percent complete: | 81.0%; | Average loss: | 2.2774 |
| Iteration: | 3239; | Percent complete: | 81.0%; | Average loss: | 2.3245 |
| Iteration: | 3240; | Percent complete: | 81.0%; | Average loss: | 2.8958 |
| Iteration: | 3241; | Percent complete: | 81.0%; | Average loss: | 2.5572 |
| Iteration: | 3242; | Percent complete: | 81.0%; | Average loss: | 2.5059 |
| Iteration: | 3243; | Percent complete: | 81.1%; | Average loss: | 2.5061 |
| Iteration: | 3244; | Percent complete: | 81.1%; | Average loss: | 2.5691 |
| Iteration: | 3245; | Percent complete: | 81.1%; | Average loss: | 2.6801 |
| Iteration: | 3246; | Percent complete: | 81.2%; | Average loss: | 2.6363 |
| Iteration: | 3247; | Percent complete: | 81.2%; | Average loss: | 2.6186 |
| Iteration: | 3248; | Percent complete: | 81.2%; | Average loss: | 2.6405 |
| Iteration: | 3249; | Percent complete: | 81.2%; | Average loss: | 2.5246 |
| Iteration: | 3250; | Percent complete: | 81.2%; | Average loss: | 2.1487 |
| Iteration: | 3251; | Percent complete: | 81.3%; | Average loss: | 2.5665 |
| Iteration: | 3252; | Percent complete: | 81.3%; | Average loss: | 2      |

|            |       |         |           |        |         |       |        |
|------------|-------|---------|-----------|--------|---------|-------|--------|
| Iteration: | 3268; | Percent | complete: | 81.7%; | Average | loss: | 2.822; |
| Iteration: | 3269; | Percent | complete: | 81.7%; | Average | loss: | 2.733; |
| Iteration: | 3270; | Percent | complete: | 81.8%; | Average | loss: | 2.691; |
| Iteration: | 3271; | Percent | complete: | 81.8%; | Average | loss: | 2.657; |
| Iteration: | 3272; | Percent | complete: | 81.8%; | Average | loss: | 2.422; |
| Iteration: | 3273; | Percent | complete: | 81.8%; | Average | loss: | 2.680; |
| Iteration: | 3274; | Percent | complete: | 81.8%; | Average | loss: | 2.494; |
| Iteration: | 3275; | Percent | complete: | 81.9%; | Average | loss: | 2.520; |
| Iteration: | 3276; | Percent | complete: | 81.9%; | Average | loss: | 2.812; |
| Iteration: | 3277; | Percent | complete: | 81.9%; | Average | loss: | 2.623; |
| Iteration: | 3278; | Percent | complete: | 82.0%; | Average | loss: | 2.588; |
| Iteration: | 3279; | Percent | complete: | 82.0%; | Average | loss: | 2.333; |
| Iteration: | 3280; | Percent | complete: | 82.0%; | Average | loss: | 2.680; |
| Iteration: | 3281; | Percent | complete: | 82.0%; | Average | loss: | 2.593; |
| Iteration: | 3282; | Percent | complete: | 82.0%; | Average | loss: | 2.775; |
| Iteration: | 3283; | Percent | complete: | 82.1%; | Average | loss: | 2.619; |
| Iteration: | 3284; | Percent | complete: | 82.1%; | Average | loss: | 2.591; |
| Iteration: | 3285; | Percent | complete: | 82.1%; | Average | loss: | 2.670; |
| Iteration: | 3286; | Percent | complete: | 82.2%; | Average | loss: | 2.727; |
| Iteration: | 3287; | Percent | complete: | 82.2%; | Average | loss: | 2.666; |
| Iteration: | 3288; | Percent | complete: | 82.2%; | Average | loss: | 2.553; |
| Iteration: | 3289; | Percent | complete: | 82.2%; | Average | loss: | 2.475; |
| Iteration: | 3290; | Percent | complete: | 82.2%; | Average | loss: | 2.433; |
| Iteration: | 3291; | Percent | complete: | 82.3%; | Average | loss: | 2.574; |
| Iteration: | 3292; | Percent | complete: | 82.3%; | Average | loss: | 2.583; |
| Iteration: | 3293; | Percent | complete: | 82.3%; | Average | loss: | 2.711; |
| Iteration: | 3294; | Percent | complete: | 82.3%; | Average | loss: | 2.611; |
| Iteration: | 3295; | Percent | complete: | 82.4%; | Average | loss: | 2.814; |
| Iteration: | 3296; | Percent | complete: | 82.4%; | Average | loss: | 2.733; |
| Iteration: | 3297; | Percent | complete: | 82.4%; | Average | loss: | 2.738; |
| Iteration: | 3298; | Percent | complete: | 82.5%; | Average | loss: | 2.541; |
| Iteration: | 3299; | Percent | complete: | 82.5%; | Average | loss: | 2.594; |
| Iteration: | 3300; | Percent | complete: | 82.5%; | Average | loss: | 2.821; |
| Iteration: | 3301; | Percent | complete: | 82.5%; | Average | loss: | 2.582; |
| Iteration: | 3302; | Percent | complete: | 82.5%; | Average | loss: | 2.948; |
| Iteration: | 3303; | Percent | complete: | 82.6%; | Average | loss: | 2.639; |
| Iteration: | 3304; | Percent | complete: | 82.6%; | Average | loss: | 2.448; |
| Iteration: | 3305; | Percent | complete: | 82.6%; | Average | loss: | 2.668; |
| Iteration: | 3306; | Percent | complete: | 82.7%; | Average | loss: | 2.593; |
| Iteration: | 3307; | Percent | complete: | 82.7%; | Average | loss: | 2.744; |
| Iteration: | 3308; | Percent | complete: | 82.7%; | Average | loss: | 2.555; |
| Iteration: | 3309; | Percent | complete: | 82.7%; | Average | loss: | 2.666; |
| Iteration: | 3310; | Percent | complete: | 82.8%; | Average | loss: | 2.668; |
| Iteration: | 3311; | Percent | complete: | 82.8%; | Average | loss: | 3.027; |
| Iteration: | 3312; | Percent | complete: | 82.8%; | Average | loss: | 2.687; |
| Iteration: | 3313; | Percent | complete: | 82.8%; | Average | loss: | 2.631; |
| Iteration: | 3314; | Percent | complete: | 82.8%; | Average | loss: | 2.540; |
| Iteration: | 3315; | Percent | complete: | 82.9%; | Average | loss: | 2.669; |
| Iteration: | 3316; | Percent | complete: | 82.9%; | Average | loss: | 2.619; |
| Iteration: | 3317; | Percent | complete: | 82.9%; | Average | loss: | 2.733; |
| Iteration: | 3318; | Percent | complete: | 83.0%; | Average | loss: | 2.490; |
| Iteration: | 3319; | Percent | complete: | 83.0%; | Average | loss: | 2.796; |
| Iteration: | 3320; | Percent | complete: | 83.0%; | Average | loss: | 2.495; |
| Iteration: | 3321; | Percent | complete: | 83.0%; | Average | loss: | 2.607; |
| Iteration: | 3322; | Percent | complete: | 83.0%; | Average | loss: | 2.459; |
| Iteration: | 3323; | Percent | complete: | 83.1%; | Average | loss: | 2.425; |
| Iteration: | 3324; | Percent | complete: | 83.1%; | Average | loss: | 2.698; |
| Iteration: | 3325; | Percent | complete: | 83.1%; | Average | loss: | 2.775; |
| Iteration: | 3326; | Percent | complete: | 83.2%; | Average | loss: | 2.533; |
| Iteration: | 3327; | Percent | complete: | 83.2%; | Average | loss: | 2.413; |
| Iteration: | 3328; | Percent | complete: | 83.2%; | Average | loss: | 2.683; |
| Iteration: | 3329; | Percent | complete: | 83.2%; | Average | loss: | 2.591; |
| Iteration: | 3330; | Percent | complete: | 83.2%; | Average | loss: | 2.816; |
| Iteration: | 3331; | Percent | complete: | 83.3%; | Average | loss: | 2.824; |
| Iteration: | 3332; | Percent | complete: | 83.3%; | Average | loss: | 2.577; |

|            |       |         |           |        |         |       |        |
|------------|-------|---------|-----------|--------|---------|-------|--------|
| Iteration: | 3360; | Percent | complete: | 84.0%; | Average | loss: | 2.6729 |
| Iteration: | 3361; | Percent | complete: | 84.0%; | Average | loss: | 2.6729 |
| Iteration: | 3362; | Percent | complete: | 84.0%; | Average | loss: | 2.8409 |
| Iteration: | 3363; | Percent | complete: | 84.1%; | Average | loss: | 2.7063 |
| Iteration: | 3364; | Percent | complete: | 84.1%; | Average | loss: | 2.3947 |
| Iteration: | 3365; | Percent | complete: | 84.1%; | Average | loss: | 2.6657 |
| Iteration: | 3366; | Percent | complete: | 84.2%; | Average | loss: | 2.7588 |
| Iteration: | 3367; | Percent | complete: | 84.2%; | Average | loss: | 2.6343 |
| Iteration: | 3368; | Percent | complete: | 84.2%; | Average | loss: | 2.6190 |
| Iteration: | 3369; | Percent | complete: | 84.2%; | Average | loss: | 2.7090 |
| Iteration: | 3370; | Percent | complete: | 84.2%; | Average | loss: | 2.7488 |
| Iteration: | 3371; | Percent | complete: | 84.3%; | Average | loss: | 2.6477 |
| Iteration: | 3372; | Percent | complete: | 84.3%; | Average | loss: | 2.5400 |
| Iteration: | 3373; | Percent | complete: | 84.3%; | Average | loss: | 2.5367 |
| Iteration: | 3374; | Percent | complete: | 84.4%; | Average | loss: | 2.5223 |
| Iteration: | 3375; | Percent | complete: | 84.4%; | Average | loss: | 2.5694 |
| Iteration: | 3376; | Percent | complete: | 84.4%; | Average | loss: | 2.5330 |
| Iteration: | 3377; | Percent | complete: | 84.4%; | Average | loss: | 2.5230 |
| Iteration: | 3378; | Percent | complete: | 84.5%; | Average | loss: | 2.5955 |
| Iteration: | 3379; | Percent | complete: | 84.5%; | Average | loss: | 2.3810 |
| Iteration: | 3380; | Percent | complete: | 84.5%; | Average | loss: | 2.5233 |
| Iteration: | 3381; | Percent | complete: | 84.5%; | Average | loss: | 2.4980 |
| Iteration: | 3382; | Percent | complete: | 84.5%; | Average | loss: | 2.5468 |
| Iteration: | 3383; | Percent | complete: | 84.6%; | Average | loss: | 2.5055 |
| Iteration: | 3384; | Percent | complete: | 84.6%; | Average | loss: | 2.7378 |
| Iteration: | 3385; | Percent | complete: | 84.6%; | Average | loss: | 2.7673 |
| Iteration: | 3386; | Percent | complete: | 84.7%; | Average | loss: | 2.8069 |
| Iteration: | 3387; | Percent | complete: | 84.7%; | Average | loss: | 2.6223 |
| Iteration: | 3388; | Percent | complete: | 84.7%; | Average | loss: | 2.6440 |
| Iteration: | 3389; | Percent | complete: | 84.7%; | Average | loss: | 2.6297 |
| Iteration: | 3390; | Percent | complete: | 84.8%; | Average | loss: | 2.8300 |
| Iteration: | 3391; | Percent | complete: | 84.8%; | Average | loss: | 2.7687 |
| Iteration: | 3392; | Percent | complete: | 84.8%; | Average | loss: | 2.7910 |
| Iteration: | 3393; | Percent | complete: | 84.8%; | Average | loss: | 2.7198 |
| Iteration: | 3394; | Percent | complete: | 84.9%; | Average | loss: | 2.5579 |
| Iteration: | 3395; | Percent | complete: | 84.9%; | Average | loss: | 2.6908 |
| Iteration: | 3396; | Percent | complete: | 84.9%; | Average | loss: | 2.8313 |
| Iteration: | 3397; | Percent | complete: | 84.9%; | Average | loss: | 2.6440 |
| Iteration: | 3398; | Percent | complete: | 85.0%; | Average | loss: | 2.7028 |
| Iteration: | 3399; | Percent | complete: | 85.0%; | Average | loss: | 2.5527 |
| Iteration: | 3400; | Percent | complete: | 85.0%; | Average | loss: | 2.4630 |
| Iteration: | 3401; | Percent | complete: | 85.0%; | Average | loss: | 2.4640 |
| Iteration: | 3402; | Percent | complete: | 85.0%; | Average | loss: | 2.7333 |
| Iteration: | 3403; | Percent | complete: | 85.1%; | Average | loss: | 2.6973 |
| Iteration: | 3404; | Percent | complete: | 85.1%; | Average | loss: | 2.4007 |
| Iteration: | 3405; | Percent | complete: | 85.1%; | Average | loss: | 2.5794 |
| Iteration: | 3406; | Percent | complete: | 85.2%; | Average | loss: | 2.5020 |
| Iteration: | 3407; | Percent | complete: | 85.2%; | Average | loss: | 2.6454 |
| Iteration: | 3408; | Percent | complete: | 85.2%; | Average | loss: | 2.5747 |
| Iteration: | 3409; | Percent | complete: | 85.2%; | Average | loss: | 2.5772 |
| Iteration: | 3410; | Percent | complete: | 85.2%; | Average | loss: | 2.6339 |
| Iteration: | 3411; | Percent | complete: | 85.3%; | Average | loss: | 2.6127 |
| Iteration: | 3412; | Percent | complete: | 85.3%; | Average | loss: | 2.7688 |
| Iteration: | 3413; | Percent | complete: | 85.3%; | Average | loss: | 2.5042 |
| Iteration: | 3414; | Percent | complete: | 85.4%; | Average | loss: | 2.6100 |
| Iteration: | 3415; | Percent | complete: | 85.4%; | Average | loss: | 2.8207 |
| Iteration: | 3416; | Percent | complete: | 85.4%; | Average | loss: | 2.4658 |
| Iteration: | 3417; | Percent | complete: | 85.4%; | Average | loss: | 2.7763 |
| Iteration: | 3418; | Percent | complete: | 85.5%; | Average | loss: | 2.5838 |
| Iteration: | 3419; | Percent | complete: | 85.5%; | Average | loss: | 2.6980 |
| Iteration: | 3420; | Percent | complete: | 85.5%; | Average | loss: | 2.7214 |
| Iteration: | 3421; | Percent | complete: | 85.5%; | Average | loss: | 2.6432 |
| Iteration: | 3422; | Percent | complete: | 85.5%; | Average | loss: | 2.8533 |
| Iteration: | 3423; | Percent | complete: | 85.6%; | Average | loss: | 2.6248 |

|                  |                   |        |               |        |
|------------------|-------------------|--------|---------------|--------|
| Iteration: 3451; | Percent complete: | 86.3%; | Average loss: | 2.7577 |
| Iteration: 3452; | Percent complete: | 86.3%; | Average loss: | 2.4445 |
| Iteration: 3453; | Percent complete: | 86.3%; | Average loss: | 2.5683 |
| Iteration: 3454; | Percent complete: | 86.4%; | Average loss: | 2.6903 |
| Iteration: 3455; | Percent complete: | 86.4%; | Average loss: | 2.4638 |
| Iteration: 3456; | Percent complete: | 86.4%; | Average loss: | 2.5577 |
| Iteration: 3457; | Percent complete: | 86.4%; | Average loss: | 2.5577 |
| Iteration: 3458; | Percent complete: | 86.5%; | Average loss: | 2.6876 |
| Iteration: 3459; | Percent complete: | 86.5%; | Average loss: | 2.8820 |
| Iteration: 3460; | Percent complete: | 86.5%; | Average loss: | 2.5907 |
| Iteration: 3461; | Percent complete: | 86.5%; | Average loss: | 2.4139 |
| Iteration: 3462; | Percent complete: | 86.6%; | Average loss: | 2.6906 |
| Iteration: 3463; | Percent complete: | 86.6%; | Average loss: | 2.7305 |
| Iteration: 3464; | Percent complete: | 86.6%; | Average loss: | 2.6052 |
| Iteration: 3465; | Percent complete: | 86.6%; | Average loss: | 2.5993 |
| Iteration: 3466; | Percent complete: | 86.7%; | Average loss: | 2.5883 |
| Iteration: 3467; | Percent complete: | 86.7%; | Average loss: | 2.5528 |
| Iteration: 3468; | Percent complete: | 86.7%; | Average loss: | 2.7473 |
| Iteration: 3469; | Percent complete: | 86.7%; | Average loss: | 2.4073 |
| Iteration: 3470; | Percent complete: | 86.8%; | Average loss: | 2.5577 |
| Iteration: 3471; | Percent complete: | 86.8%; | Average loss: | 2.6683 |
| Iteration: 3472; | Percent complete: | 86.8%; | Average loss: | 2.4969 |
| Iteration: 3473; | Percent complete: | 86.8%; | Average loss: | 2.5758 |
| Iteration: 3474; | Percent complete: | 86.9%; | Average loss: | 2.7526 |
| Iteration: 3475; | Percent complete: | 86.9%; | Average loss: | 2.6720 |
| Iteration: 3476; | Percent complete: | 86.9%; | Average loss: | 2.7543 |
| Iteration: 3477; | Percent complete: | 86.9%; | Average loss: | 2.5384 |
| Iteration: 3478; | Percent complete: | 87.0%; | Average loss: | 2.5866 |
| Iteration: 3479; | Percent complete: | 87.0%; | Average loss: | 2.5343 |
| Iteration: 3480; | Percent complete: | 87.0%; | Average loss: | 2.6753 |
| Iteration: 3481; | Percent complete: | 87.0%; | Average loss: | 2.7163 |
| Iteration: 3482; | Percent complete: | 87.1%; | Average loss: | 2.4963 |
| Iteration: 3483; | Percent complete: | 87.1%; | Average loss: | 2.6343 |
| Iteration: 3484; | Percent complete: | 87.1%; | Average loss: | 2.6370 |
| Iteration: 3485; | Percent complete: | 87.1%; | Average loss: | 2.7203 |
| Iteration: 3486; | Percent complete: | 87.2%; | Average loss: | 2.9772 |
| Iteration: 3487; | Percent complete: | 87.2%; | Average loss: | 2.5349 |
| Iteration: 3488; | Percent complete: | 87.2%; | Average loss: | 2.5966 |
| Iteration: 3489; | Percent complete: | 87.2%; | Average loss: | 2.6710 |
| Iteration: 3490; | Percent complete: | 87.2%; | Average loss: | 2.6163 |
| Iteration: 3491; | Percent complete: | 87.3%; | Average loss: | 2.6500 |
| Iteration: 3492; | Percent complete: | 87.3%; | Average loss: | 2.5508 |
| Iteration: 3493; | Percent complete: | 87.3%; | Average loss: | 2.6567 |
| Iteration: 3494; | Percent complete: | 87.4%; | Average loss: | 2.6746 |
| Iteration: 3495; | Percent complete: | 87.4%; | Average loss: | 2.7799 |
| Iteration: 3496; | Percent complete: | 87.4%; | Average loss: | 2.5519 |
| Iteration: 3497; | Percent complete: | 87.4%; | Average loss: | 2.5478 |
| Iteration: 3498; | Percent complete: | 87.5%; | Average loss: | 2.7033 |
| Iteration: 3499; | Percent complete: | 87.5%; | Average loss: | 2.6711 |
| Iteration: 3500; | Percent complete: | 87.5%; | Average loss: | 2.5309 |
| Iteration: 3501; | Percent complete: | 87.5%; | Average loss: | 2.5763 |
| Iteration: 3502; | Percent complete: | 87.5%; | Average loss: | 2.7562 |
| Iteration: 3503; | Percent complete: | 87.6%; | Average loss: | 2.5288 |
| Iteration: 3504; | Percent complete: | 87.6%; | Average loss: | 2.5643 |
| Iteration: 3505; | Percent complete: | 87.6%; | Average loss: | 2.5694 |
| Iteration: 3506; | Percent complete: | 87.6%; | Average loss: | 2.6290 |
| Iteration: 3507; | Percent complete: | 87.7%; | Average loss: | 2.7375 |
| Iteration: 3508; | Percent complete: | 87.7%; | Average loss: | 2.7476 |
| Iteration: 3509; | Percent complete: | 87.7%; | Average loss: | 2.4204 |
| Iteration: 3510; | Percent complete: | 87.8%; | Average loss: | 2.6966 |
| Iteration: 3511; | Percent complete: | 87.8%; | Average loss: | 2.7353 |
| Iteration: 3512; | Percent complete: | 87.8%; | Average loss: | 2.5830 |
| Iteration: 3513; | Percent complete: | 87.8%; | Average loss: | 2.4824 |
| Iteration: 3514; | Percent complete: | 87.8%; | Average loss: | 2.5190 |
| Iteration: 3515; | Percent complete: | 87.9%; | Average loss: | 2.7416 |
| Iteration: 3516; | Percent complete: | 87.9%; | Average loss: | 2.7229 |
| Iteration: 3517; | Percent complete: | 87.9%; | Average loss: | 2.6611 |
| Iteration: 3518; | Percent complete: | 87.9%; | Average loss: | 2.5764 |
| Iteration: 3519; | Percent complete: | 88.0%; | Average loss: | 2.5795 |
| Iteration: 3520; | Percent complete: | 88.0%; | Average loss: | 2.6193 |
| Iteration: 3521; | Percent complete: | 88.0%; | Average loss: | 2.6633 |
| Iteration: 3522; | Percent complete: | 88.0%; | Average loss: | 2.6069 |
| Iteration: 3523; | Percent complete: | 88.1%; | Average loss: | 2.6846 |
| Iteration: 3524; | Percent complete: | 88.1%; | Average loss: | 2.6020 |
| Iteration: 3525; | Percent complete: | 88.1%; | Average loss: | 2.6845 |
| Iteration: 3526; | Percent complete: | 88.1%; | Average loss: | 2.8243 |
| Iteration: 3527; | Percent complete: | 88.2%; | Average loss: | 2.9038 |
| Iteration: 3528; | Percent complete: | 88.2%; | Average loss: | 2.6483 |
| Iteration: 3529; | Percent complete: | 88.2%; | Average loss: | 2.8043 |
| Iteration: 3530; | Percent complete: | 88.2%; | Average loss: | 2.7015 |
| Iteration: 3531; |                   |        |               |        |

|            |       |                   |        |               |        |
|------------|-------|-------------------|--------|---------------|--------|
| Iteration: | 3542; | Percent complete: | 88.5%; | Average loss: | 2.5889 |
| Iteration: | 3543; | Percent complete: | 88.6%; | Average loss: | 2.7906 |
| Iteration: | 3544; | Percent complete: | 88.6%; | Average loss: | 2.5302 |
| Iteration: | 3545; | Percent complete: | 88.6%; | Average loss: | 2.7369 |
| Iteration: | 3546; | Percent complete: | 88.6%; | Average loss: | 2.4941 |
| Iteration: | 3547; | Percent complete: | 88.7%; | Average loss: | 2.7252 |
| Iteration: | 3548; | Percent complete: | 88.7%; | Average loss: | 2.5357 |
| Iteration: | 3549; | Percent complete: | 88.7%; | Average loss: | 2.6280 |
| Iteration: | 3550; | Percent complete: | 88.8%; | Average loss: | 2.4771 |
| Iteration: | 3551; | Percent complete: | 88.8%; | Average loss: | 2.2719 |
| Iteration: | 3552; | Percent complete: | 88.8%; | Average loss: | 2.7663 |
| Iteration: | 3553; | Percent complete: | 88.8%; | Average loss: | 2.6276 |
| Iteration: | 3554; | Percent complete: | 88.8%; | Average loss: | 2.6247 |
| Iteration: | 3555; | Percent complete: | 88.9%; | Average loss: | 2.7686 |
| Iteration: | 3556; | Percent complete: | 88.9%; | Average loss: | 2.8920 |
| Iteration: | 3557; | Percent complete: | 88.9%; | Average loss: | 2.7264 |
| Iteration: | 3558; | Percent complete: | 88.9%; | Average loss: | 2.4895 |
| Iteration: | 3559; | Percent complete: | 89.0%; | Average loss: | 2.6258 |
| Iteration: | 3560; | Percent complete: | 89.0%; | Average loss: | 2.7818 |
| Iteration: | 3561; | Percent complete: | 89.0%; | Average loss: | 2.6142 |
| Iteration: | 3562; | Percent complete: | 89.0%; | Average loss: | 2.5429 |
| Iteration: | 3563; | Percent complete: | 89.1%; | Average loss: | 2.6088 |
| Iteration: | 3564; | Percent complete: | 89.1%; | Average loss: | 2.6116 |
| Iteration: | 3565; | Percent complete: | 89.1%; | Average loss: | 2.5711 |
| Iteration: | 3566; | Percent complete: | 89.1%; | Average loss: | 2.5936 |
| Iteration: | 3567; | Percent complete: | 89.2%; | Average loss: | 2.6072 |
| Iteration: | 3568; | Percent complete: | 89.2%; | Average loss: | 2.7014 |
| Iteration: | 3569; | Percent complete: | 89.2%; | Average loss: | 2.7079 |
| Iteration: | 3570; | Percent complete: | 89.2%; | Average loss: | 2.6071 |
| Iteration: | 3571; | Percent complete: | 89.3%; | Average loss: | 2.5017 |
| Iteration: | 3572; | Percent complete: | 89.3%; | Average loss: | 2.6834 |
| Iteration: | 3573; | Percent complete: | 89.3%; | Average loss: | 2.8147 |
| Iteration: | 3574; | Percent complete: | 89.3%; | Average loss: | 2.6428 |
| Iteration: | 3575; | Percent complete: | 89.4%; | Average loss: | 2.4569 |
| Iteration: | 3576; | Percent complete: | 89.4%; | Average loss: | 2.6483 |
| Iteration: | 3577; | Percent complete: | 89.4%; | Average loss: | 2.7627 |
| Iteration: | 3578; | Percent complete: | 89.5%; | Average loss: | 2.4502 |
| Iteration: | 3579; | Percent complete: | 89.5%; | Average loss: | 2.6414 |
| Iteration: | 3580; | Percent complete: | 89.5%; | Average loss: | 2.5807 |
| Iteration: | 3581; | Percent complete: | 89.5%; | Average loss: | 2.9113 |
| Iteration: | 3582; | Percent complete: | 89.5%; | Average loss: | 2.6913 |
| Iteration: | 3583; | Percent complete: | 89.6%; | Average loss: | 2.6396 |
| Iteration: | 3584; | Percent complete: | 89.6%; | Average loss: | 2.7331 |
| Iteration: | 3585; | Percent complete: | 89.6%; | Average loss: | 2.5378 |
| Iteration: | 3586; | Percent complete: | 89.6%; | Average loss: | 2.5182 |
| Iteration: | 3587; | Percent complete: | 89.7%; | Average loss: | 2.8341 |
| Iteration: | 3588; | Percent complete: | 89.7%; | Average loss: | 2.5784 |
| Iteration: | 3589; | Percent complete: | 89.7%; | Average loss: | 2.5204 |
| Iteration: | 3590; | Percent complete: | 89.8%; | Average loss: | 2.7982 |
| Iteration: | 3591; | Percent complete: | 89.8%; | Average loss: | 2.5328 |
| Iteration: | 3592; | Percent complete: | 89.8%; | Average loss: | 2.7473 |
| Iteration: | 3593; | Percent complete: | 89.8%; | Average loss: | 2.4063 |
| Iteration: | 3594; | Percent complete: | 89.8%; | Average loss: | 2.5845 |
| Iteration: | 3595; | Percent complete: | 89.9%; | Average loss: | 2.5522 |
| Iteration: | 3596; | Percent complete: | 89.9%; | Average loss: | 2.8034 |
| Iteration: | 3597; | Percent complete: | 89.9%; | Average loss: | 2.7523 |
| Iteration: | 3598; | Percent complete: | 90.0%; | Average loss: | 2.5263 |
| Iteration: | 3599; | Percent complete: | 90.0%; | Average loss: | 2.6554 |
| Iteration: | 3600; | Percent complete: | 90.0%; | Average loss: | 2.4667 |
| Iteration: | 3601; | Percent complete: | 90.0%; | Average loss: | 2.7263 |
| Iteration: | 3602; | Percent complete: | 90.0%; | Average loss: | 2.5414 |
| Iteration: | 3603; | Percent complete: | 90.1%; | Average loss: | 2.6085 |
| Iteration: | 3604; | Percent complete: | 90.1%; | Average loss: | 2.5638 |
| Iteration: | 3605; | Percent complete: | 90.1%; | Average loss: | 2.6855 |
| Iteration: | 3606; | Percent complete: | 90.1%; | Average loss: | 2.4386 |
| Iteration: | 3607; | Percent complete: | 90.2%; | Average loss: | 2.7657 |
| Iteration: | 3608; | Percent complete: | 90.2%; | Average loss: | 2.7605 |
| Iteration: | 3609; | Percent complete: | 90.2%; | Average loss: | 2.5761 |
| Iteration: | 3610; | Percent complete: | 90.2%; | Average loss: | 2.6376 |
| Iteration: | 3611; | Percent complete: | 90.3%; | Average loss: | 2.7766 |
| Iteration: | 3612; | Percent complete: | 90.3%; | Average loss: | 2.8188 |
| Iteration: | 3613; | Percent complete: | 90.3%; | Average loss: | 2.7938 |
| Iteration: | 3614; | Percent complete: | 90.3%; | Average loss: | 2.5233 |
| Iteration: | 3615; | Percent complete: | 90.4%; | Average loss: | 2.6300 |
| Iteration: | 3616; | Percent complete: | 90.4%; | Average loss: | 2.4359 |
| Iteration: | 3617; | Percent complete: | 90.4%; | Average loss: | 2      |

|            |       |         |           |        |         |       |       |
|------------|-------|---------|-----------|--------|---------|-------|-------|
| Iteration: | 3630; | Percent | complete: | 90.8%; | Average | loss: | 2.568 |
| Iteration: | 3634; | Percent | complete: | 90.8%; | Average | loss: | 2.568 |
| Iteration: | 3635; | Percent | complete: | 90.9%; | Average | loss: | 2.687 |
| Iteration: | 3636; | Percent | complete: | 90.9%; | Average | loss: | 2.596 |
| Iteration: | 3637; | Percent | complete: | 90.9%; | Average | loss: | 2.688 |
| Iteration: | 3638; | Percent | complete: | 91.0%; | Average | loss: | 2.551 |
| Iteration: | 3639; | Percent | complete: | 91.0%; | Average | loss: | 2.706 |
| Iteration: | 3640; | Percent | complete: | 91.0%; | Average | loss: | 2.663 |
| Iteration: | 3641; | Percent | complete: | 91.0%; | Average | loss: | 2.709 |
| Iteration: | 3642; | Percent | complete: | 91.0%; | Average | loss: | 2.567 |
| Iteration: | 3643; | Percent | complete: | 91.1%; | Average | loss: | 2.583 |
| Iteration: | 3644; | Percent | complete: | 91.1%; | Average | loss: | 2.884 |
| Iteration: | 3645; | Percent | complete: | 91.1%; | Average | loss: | 2.814 |
| Iteration: | 3646; | Percent | complete: | 91.1%; | Average | loss: | 2.733 |
| Iteration: | 3647; | Percent | complete: | 91.2%; | Average | loss: | 2.547 |
| Iteration: | 3648; | Percent | complete: | 91.2%; | Average | loss: | 2.810 |
| Iteration: | 3649; | Percent | complete: | 91.2%; | Average | loss: | 2.737 |
| Iteration: | 3650; | Percent | complete: | 91.2%; | Average | loss: | 2.434 |
| Iteration: | 3651; | Percent | complete: | 91.3%; | Average | loss: | 2.563 |
| Iteration: | 3652; | Percent | complete: | 91.3%; | Average | loss: | 2.600 |
| Iteration: | 3653; | Percent | complete: | 91.3%; | Average | loss: | 2.669 |
| Iteration: | 3654; | Percent | complete: | 91.3%; | Average | loss: | 2.477 |
| Iteration: | 3655; | Percent | complete: | 91.4%; | Average | loss: | 2.634 |
| Iteration: | 3656; | Percent | complete: | 91.4%; | Average | loss: | 2.518 |
| Iteration: | 3657; | Percent | complete: | 91.4%; | Average | loss: | 2.652 |
| Iteration: | 3658; | Percent | complete: | 91.5%; | Average | loss: | 2.904 |
| Iteration: | 3659; | Percent | complete: | 91.5%; | Average | loss: | 2.627 |
| Iteration: | 3660; | Percent | complete: | 91.5%; | Average | loss: | 2.557 |
| Iteration: | 3661; | Percent | complete: | 91.5%; | Average | loss: | 2.692 |
| Iteration: | 3662; | Percent | complete: | 91.5%; | Average | loss: | 2.557 |
| Iteration: | 3663; | Percent | complete: | 91.6%; | Average | loss: | 2.747 |
| Iteration: | 3664; | Percent | complete: | 91.6%; | Average | loss: | 2.766 |
| Iteration: | 3665; | Percent | complete: | 91.6%; | Average | loss: | 2.673 |
| Iteration: | 3666; | Percent | complete: | 91.6%; | Average | loss: | 2.307 |
| Iteration: | 3667; | Percent | complete: | 91.7%; | Average | loss: | 2.577 |
| Iteration: | 3668; | Percent | complete: | 91.7%; | Average | loss: | 2.622 |
| Iteration: | 3669; | Percent | complete: | 91.7%; | Average | loss: | 2.564 |
| Iteration: | 3670; | Percent | complete: | 91.8%; | Average | loss: | 2.520 |
| Iteration: | 3671; | Percent | complete: | 91.8%; | Average | loss: | 2.880 |
| Iteration: | 3672; | Percent | complete: | 91.8%; | Average | loss: | 2.476 |
| Iteration: | 3673; | Percent | complete: | 91.8%; | Average | loss: | 2.858 |
| Iteration: | 3674; | Percent | complete: | 91.8%; | Average | loss: | 2.600 |
| Iteration: | 3675; | Percent | complete: | 91.9%; | Average | loss: | 2.665 |
| Iteration: | 3676; | Percent | complete: | 91.9%; | Average | loss: | 2.507 |
| Iteration: | 3677; | Percent | complete: | 91.9%; | Average | loss: | 2.764 |
| Iteration: | 3678; | Percent | complete: | 92.0%; | Average | loss: | 2.838 |
| Iteration: | 3679; | Percent | complete: | 92.0%; | Average | loss: | 2.669 |
| Iteration: | 3680; | Percent | complete: | 92.0%; | Average | loss: | 2.613 |
| Iteration: | 3681; | Percent | complete: | 92.0%; | Average | loss: | 2.731 |
| Iteration: | 3682; | Percent | complete: | 92.0%; | Average | loss: | 2.346 |
| Iteration: | 3683; | Percent | complete: | 92.1%; | Average | loss: | 2.416 |
| Iteration: | 3684; | Percent | complete: | 92.1%; | Average | loss: | 2.615 |
| Iteration: | 3685; | Percent | complete: | 92.1%; | Average | loss: | 2.582 |
| Iteration: | 3686; | Percent | complete: | 92.2%; | Average | loss: | 2.842 |
| Iteration: | 3687; | Percent | complete: | 92.2%; | Average | loss: | 2.895 |
| Iteration: | 3688; | Percent | complete: | 92.2%; | Average | loss: | 2.649 |
| Iteration: | 3689; | Percent | complete: | 92.2%; | Average | loss: | 2.651 |
| Iteration: | 3690; | Percent | complete: | 92.2%; | Average | loss: | 2.633 |
| Iteration: | 3691; | Percent | complete: | 92.3%; | Average | loss: | 2.668 |
| Iteration: | 3692; | Percent | complete: | 92.3%; | Average | loss: | 2.545 |
| Iteration: | 3693; | Percent | complete: | 92.3%; | Average | loss: | 2.757 |
| Iteration: | 3694; | Percent | complete: | 92.3%; | Average | loss: | 2.704 |
| Iteration: | 3695; | Percent | complete: | 92.4%; | Average | loss: | 2.500 |
| Iteration: | 3696; | Percent | complete: | 92.4%; | Average | loss: | 2.413 |
| Iteration: | 3697; | Percent | complete: | 92.4%; | Average | loss: | 2.689 |

Iteration: 3725; Percent complete: 93.1%; Average loss: 2.5571  
Iteration: 3726; Percent complete: 93.2%; Average loss: 2.4631  
Iteration: 3727; Percent complete: 93.2%; Average loss: 2.5148  
Iteration: 3728; Percent complete: 93.2%; Average loss: 2.5994  
Iteration: 3729; Percent complete: 93.2%; Average loss: 2.6291  
Iteration: 3730; Percent complete: 93.2%; Average loss: 2.7328  
Iteration: 3731; Percent complete: 93.3%; Average loss: 2.5948  
Iteration: 3732; Percent complete: 93.3%; Average loss: 2.6436  
Iteration: 3733; Percent complete: 93.3%; Average loss: 2.6799  
Iteration: 3734; Percent complete: 93.3%; Average loss: 2.6875  
Iteration: 3735; Percent complete: 93.4%; Average loss: 2.5500  
Iteration: 3736; Percent complete: 93.4%; Average loss: 2.5474  
Iteration: 3737; Percent complete: 93.4%; Average loss: 2.6304  
Iteration: 3738; Percent complete: 93.5%; Average loss: 2.6705  
Iteration: 3739; Percent complete: 93.5%; Average loss: 2.4258  
Iteration: 3740; Percent complete: 93.5%; Average loss: 2.4778  
Iteration: 3741; Percent complete: 93.5%; Average loss: 2.3010  
Iteration: 3742; Percent complete: 93.5%; Average loss: 2.6350  
Iteration: 3743; Percent complete: 93.6%; Average loss: 2.3189  
Iteration: 3744; Percent complete: 93.6%; Average loss: 2.7270  
Iteration: 3745; Percent complete: 93.6%; Average loss: 2.6258  
Iteration: 3746; Percent complete: 93.7%; Average loss: 2.5127  
Iteration: 3747; Percent complete: 93.7%; Average loss: 2.5259  
Iteration: 3748; Percent complete: 93.7%; Average loss: 2.5133  
Iteration: 3749; Percent complete: 93.7%; Average loss: 2.6308  
Iteration: 3750; Percent complete: 93.8%; Average loss: 2.4218  
Iteration: 3751; Percent complete: 93.8%; Average loss: 2.7190  
Iteration: 3752; Percent complete: 93.8%; Average loss: 2.6324  
Iteration: 3753; Percent complete: 93.8%; Average loss: 2.4874  
Iteration: 3754; Percent complete: 93.8%; Average loss: 2.3493  
Iteration: 3755; Percent complete: 93.9%; Average loss: 2.7478  
Iteration: 3756; Percent complete: 93.9%; Average loss: 2.7672  
Iteration: 3757; Percent complete: 93.9%; Average loss: 2.2323  
Iteration: 3758; Percent complete: 94.0%; Average loss: 2.6475  
Iteration: 3759; Percent complete: 94.0%; Average loss: 2.7006  
Iteration: 3760; Percent complete: 94.0%; Average loss: 2.5828  
Iteration: 3761; Percent complete: 94.0%; Average loss: 2.7656  
Iteration: 3762; Percent complete: 94.0%; Average loss: 2.5903  
Iteration: 3763; Percent complete: 94.1%; Average loss: 2.5686  
Iteration: 3764; Percent complete: 94.1%; Average loss: 2.6375  
Iteration: 3765; Percent complete: 94.1%; Average loss: 2.7880  
Iteration: 3766; Percent complete: 94.2%; Average loss: 2.5368  
Iteration: 3767; Percent complete: 94.2%; Average loss: 2.6807  
Iteration: 3768; Percent complete: 94.2%; Average loss: 2.5865  
Iteration: 3769; Percent complete: 94.2%; Average loss: 2.5847  
Iteration: 3770; Percent complete: 94.2%; Average loss: 2.7006  
Iteration: 3771; Percent complete: 94.3%; Average loss: 2.7181  
Iteration: 3772; Percent complete: 94.3%; Average loss: 2.7457  
Iteration: 3773; Percent complete: 94.3%; Average loss: 2.6352  
Iteration: 3774; Percent complete: 94.3%; Average loss: 2.6268  
Iteration: 3775; Percent complete: 94.4%; Average loss: 2.8186  
Iteration: 3776; Percent complete: 94.4%; Average loss: 2.8071  
Iteration: 3777; Percent complete: 94.4%; Average loss: 2.5056  
Iteration: 3778; Percent complete: 94.5%; Average loss: 2.5734  
Iteration: 3779; Percent complete: 94.5%; Average loss: 2.6573  
Iteration: 3780; Percent complete: 94.5%; Average loss: 2.6086  
Iteration: 3781; Percent complete: 94.5%; Average loss: 2.6683  
Iteration: 3782; Percent complete: 94.5%; Average loss: 2.6130  
Iteration: 3783; Percent complete: 94.6%; Average loss: 2.5193  
Iteration: 3784; Percent complete: 94.6%; Average loss: 2.5769  
Iteration: 3785; Percent complete: 94.6%; Average loss: 2.5087  
Iteration: 3786; Percent complete: 94.7%; Average loss: 2.5740  
Iteration: 3787; Percent complete: 94.7%; Average loss: 2.6381  
Iteration: 3788; Percent complete: 94.7%; Average loss: 2.6481  
Iteration: 3789; Percent complete: 94.7%; Average loss: 2.6937  
Iteration: 3790; Percent complete: 94.8%; Average loss: 2.6745  
Iteration: 3791; Percent complete: 94.8%; Average loss: 2.6879  
Iteration: 3792; Percent complete: 94.8%; Average loss: 2.5743  
Iteration: 3793; Percent complete: 94.8%; Average loss: 2.8507  
Iteration: 3794; Percent complete: 94.8%; Average loss: 2.7210  
Iteration: 3795; Percent complete: 94.9%; Average loss: 2.6341  
Iteration: 3796; Percent complete: 94.9%; Average loss: 2.4809  
Iteration: 3797; Percent complete: 94.9%; Average loss: 2.7726  
Iteration: 3798; Percent complete: 95.0%; Average loss: 2.6509  
Iteration: 3799; Percent complete: 95.0%; Average loss: 2.6630  
Iteration: 3800; Percent complete: 95.0%; Average loss: 2.7511  
Iteration: 3801; Percent complete: 95.0%; Average loss: 2.5053  
Iteration: 3802; Percent complete: 95.0%; Average loss: 2.5764  
Iteration: 3803; Percent complete: 95.1%; Average loss: 2.4963  
Iteration: 3804; Percent complete: 95.1%; Average loss: 2.6423  
Iteration: 3805; Percent complete: 95.1%; Average loss: 2.3967  
Iteration: 3806; Percent complete: 95.2%; Average loss: 2.5629  
Iteration: 3807; Percent complete: 95.2%; Average loss: 2.5652  
Iteration: 3808; Percent complete: 95.2%; Average loss: 2.4946  
Iteration: 3809; Percent complete: 95.2%; Average loss: 2.5712  
Iteration: 3810; Percent complete: 95.2%; Average loss: 2.5790  
Iteration: 3811; Percent complete: 95.3%; Average loss: 2.7470  
Iteration: 3812; Percent complete: 95.3%; Average loss: 2.6357  
Iteration: 3813; Percent complete: 95.3%; Average loss: 2.5091  
Iteration: 3814; Percent complete: 95.3%; Average loss: 2.4024  
Iteration: 3815; Percent complete: 95.4%; Average loss: 2.5644



|                 |                         |                      |
|-----------------|-------------------------|----------------------|
| Iteration: 3816 | Percent complete: 95.4% | Average loss: 2.7533 |
| Iteration: 3817 | Percent complete: 95.4% | Average loss: 2.5707 |
| Iteration: 3818 | Percent complete: 95.5% | Average loss: 2.5347 |
| Iteration: 3819 | Percent complete: 95.5% | Average loss: 2.6331 |
| Iteration: 3820 | Percent complete: 95.5% | Average loss: 2.4751 |
| Iteration: 3821 | Percent complete: 95.5% | Average loss: 2.4424 |
| Iteration: 3822 | Percent complete: 95.5% | Average loss: 2.5929 |
| Iteration: 3823 | Percent complete: 95.6% | Average loss: 2.4681 |
| Iteration: 3824 | Percent complete: 95.6% | Average loss: 2.5927 |
| Iteration: 3825 | Percent complete: 95.6% | Average loss: 2.5462 |
| Iteration: 3826 | Percent complete: 95.7% | Average loss: 2.6989 |
| Iteration: 3827 | Percent complete: 95.7% | Average loss: 2.5256 |
| Iteration: 3828 | Percent complete: 95.7% | Average loss: 2.4917 |
| Iteration: 3829 | Percent complete: 95.7% | Average loss: 2.6953 |
| Iteration: 3830 | Percent complete: 95.8% | Average loss: 2.6194 |
| Iteration: 3831 | Percent complete: 95.8% | Average loss: 2.5299 |
| Iteration: 3832 | Percent complete: 95.8% | Average loss: 2.4422 |
| Iteration: 3833 | Percent complete: 95.8% | Average loss: 2.5572 |
| Iteration: 3834 | Percent complete: 95.9% | Average loss: 2.9220 |
| Iteration: 3835 | Percent complete: 95.9% | Average loss: 2.5957 |
| Iteration: 3836 | Percent complete: 95.9% | Average loss: 2.5797 |
| Iteration: 3837 | Percent complete: 95.9% | Average loss: 2.7150 |
| Iteration: 3838 | Percent complete: 96.0% | Average loss: 2.6264 |
| Iteration: 3839 | Percent complete: 96.0% | Average loss: 2.7739 |
| Iteration: 3840 | Percent complete: 96.0% | Average loss: 2.6514 |
| Iteration: 3841 | Percent complete: 96.0% | Average loss: 2.8041 |
| Iteration: 3842 | Percent complete: 96.0% | Average loss: 2.6013 |
| Iteration: 3843 | Percent complete: 96.1% | Average loss: 2.5706 |
| Iteration: 3844 | Percent complete: 96.1% | Average loss: 2.3254 |
| Iteration: 3845 | Percent complete: 96.1% | Average loss: 2.6600 |
| Iteration: 3846 | Percent complete: 96.2% | Average loss: 2.8815 |
| Iteration: 3847 | Percent complete: 96.2% | Average loss: 2.6546 |
| Iteration: 3848 | Percent complete: 96.2% | Average loss: 2.7493 |
| Iteration: 3849 | Percent complete: 96.2% | Average loss: 2.5107 |
| Iteration: 3850 | Percent complete: 96.2% | Average loss: 2.6299 |
| Iteration: 3851 | Percent complete: 96.3% | Average loss: 2.7397 |
| Iteration: 3852 | Percent complete: 96.3% | Average loss: 2.5552 |
| Iteration: 3853 | Percent complete: 96.3% | Average loss: 2.5168 |
| Iteration: 3854 | Percent complete: 96.4% | Average loss: 2.4593 |
| Iteration: 3855 | Percent complete: 96.4% | Average loss: 2.7768 |
| Iteration: 3856 | Percent complete: 96.4% | Average loss: 2.5701 |
| Iteration: 3857 | Percent complete: 96.4% | Average loss: 2.5773 |
| Iteration: 3858 | Percent complete: 96.5% | Average loss: 2.5184 |
| Iteration: 3859 | Percent complete: 96.5% | Average loss: 2.8802 |
| Iteration: 3860 | Percent complete: 96.5% | Average loss: 2.4830 |
| Iteration: 3861 | Percent complete: 96.5% | Average loss: 2.5660 |
| Iteration: 3862 | Percent complete: 96.5% | Average loss: 2.3255 |
| Iteration: 3863 | Percent complete: 96.6% | Average loss: 2.8327 |
| Iteration: 3864 | Percent complete: 96.6% | Average loss: 2.6290 |
| Iteration: 3865 | Percent complete: 96.6% | Average loss: 2.5975 |
| Iteration: 3866 | Percent complete: 96.7% | Average loss: 2.5876 |
| Iteration: 3867 | Percent complete: 96.7% | Average loss: 2.7861 |
| Iteration: 3868 | Percent complete: 96.7% | Average loss: 2.6662 |
| Iteration: 3869 | Percent complete: 96.7% | Average loss: 2.5282 |
| Iteration: 3870 | Percent complete: 96.8% | Average loss: 2.7696 |
| Iteration: 3871 | Percent complete: 96.8% | Average loss: 2.6566 |
| Iteration: 3872 | Percent complete: 96.8% | Average loss: 2.9396 |
| Iteration: 3873 | Percent complete: 96.8% | Average loss: 2.6711 |
| Iteration: 3874 | Percent complete: 96.9% | Average loss: 2.7674 |
| Iteration: 3875 | Percent complete: 96.9% | Average loss: 2.3973 |
| Iteration: 3876 | Percent complete: 96.9% | Average loss: 2.6271 |
| Iteration: 3877 | Percent complete: 96.9% | Average loss: 2.6844 |
| Iteration: 3878 | Percent complete: 97.0% | Average loss: 2.5760 |
| Iteration: 3879 | Percent complete: 97.0% | Average loss: 2.7936 |
| Iteration: 3880 | Percent complete: 97.0% | Average loss: 2.3917 |
| Iteration: 3881 | Percent complete: 97.0% | Average loss: 2.7249 |
| Iteration: 3882 | Percent complete: 97.0% | Average loss: 2.7377 |
| Iteration: 3883 | Percent complete: 97.1% | Average loss: 2.6138 |
| Iteration: 3884 | Percent complete: 97.1% | Average loss: 2.6905 |
| Iteration: 3885 | Percent complete: 97.1% | Average loss: 2.7035 |
| Iteration: 3886 | Percent complete: 97.2% | Average loss: 2.7951 |
| Iteration: 3887 | Percent complete: 97.2% | Average loss: 2.5957 |
| Iteration: 3888 | Percent complete: 97.2% | Average loss: 2.4331 |
| Iteration: 3889 | Percent complete: 97.2% | Average loss: 2.5709 |
| Iteration: 3890 | Percent complete: 97.2% | Average loss: 2.7592 |
| Iteration: 3891 | Percent complete: 97.3% | Average loss: 2.5815 |
| Iteration: 3892 | Percent complete: 97.3% | Average loss: 2.5141 |
| Iteration: 3893 | Percent complete: 97.3% | Average loss: 2.4005 |
| Iteration: 3894 | Percent complete: 97.4% | Average loss: 2.7229 |
| Iteration: 3895 | Percent complete: 97.4% | Average loss: 2.7659 |
| Iteration: 3896 | Percent complete: 97.4% | Average loss: 2.6118 |
| Iteration: 3897 | Percent complete: 97.4% | Average loss: 2.5172 |
| Iteration: 3898 | Percent complete: 97.5% | Average loss: 2.6971 |
| Iteration: 3899 | Percent complete: 97.5% | Average loss: 2.6440 |
| Iteration: 3900 | Percent complete: 97.5% | Average loss: 2.7432 |
| Iteration: 3901 | Percent complete: 97.5% | Average loss: 2.6364 |
| Iteration: 3902 | Percent complete: 97.5% | Average loss: 2.4517 |
| Iteration: 3903 | Percent complete: 97.6% | Average loss: 2.6054 |
| Iteration: 3904 | Percent complete: 97.6% | Average loss: 2.6235 |
| Iteration: 3905 | Percent complete: 97.6% | Average loss: 2.7344 |
| Iteration: 3906 | Percent complete: 97.7% | Average loss: 2.5311 |

|            |       |                   |        |               |        |
|------------|-------|-------------------|--------|---------------|--------|
| Iteration: | 3907; | Percent complete: | 97.7%; | Average loss: | 2.5782 |
| Iteration: | 3908; | Percent complete: | 97.7%; | Average loss: | 2.4735 |
| Iteration: | 3909; | Percent complete: | 97.7%; | Average loss: | 2.5218 |
| Iteration: | 3910; | Percent complete: | 97.8%; | Average loss: | 2.6133 |
| Iteration: | 3911; | Percent complete: | 97.8%; | Average loss: | 2.5648 |
| Iteration: | 3912; | Percent complete: | 97.8%; | Average loss: | 2.5894 |
| Iteration: | 3913; | Percent complete: | 97.8%; | Average loss: | 2.6578 |
| Iteration: | 3914; | Percent complete: | 97.9%; | Average loss: | 2.5062 |
| Iteration: | 3915; | Percent complete: | 97.9%; | Average loss: | 2.8014 |
| Iteration: | 3916; | Percent complete: | 97.9%; | Average loss: | 2.6624 |
| Iteration: | 3917; | Percent complete: | 97.9%; | Average loss: | 2.7897 |
| Iteration: | 3918; | Percent complete: | 98.0%; | Average loss: | 2.8185 |
| Iteration: | 3919; | Percent complete: | 98.0%; | Average loss: | 2.6308 |
| Iteration: | 3920; | Percent complete: | 98.0%; | Average loss: | 2.7161 |
| Iteration: | 3921; | Percent complete: | 98.0%; | Average loss: | 2.6772 |
| Iteration: | 3922; | Percent complete: | 98.0%; | Average loss: | 2.6767 |
| Iteration: | 3923; | Percent complete: | 98.1%; | Average loss: | 2.6609 |
| Iteration: | 3924; | Percent complete: | 98.1%; | Average loss: | 2.6280 |
| Iteration: | 3925; | Percent complete: | 98.1%; | Average loss: | 2.5883 |
| Iteration: | 3926; | Percent complete: | 98.2%; | Average loss: | 2.7323 |
| Iteration: | 3927; | Percent complete: | 98.2%; | Average loss: | 2.4934 |
| Iteration: | 3928; | Percent complete: | 98.2%; | Average loss: | 2.9807 |
| Iteration: | 3929; | Percent complete: | 98.2%; | Average loss: | 2.7623 |
| Iteration: | 3930; | Percent complete: | 98.2%; | Average loss: | 2.5362 |
| Iteration: | 3931; | Percent complete: | 98.3%; | Average loss: | 2.6533 |
| Iteration: | 3932; | Percent complete: | 98.3%; | Average loss: | 2.5942 |
| Iteration: | 3933; | Percent complete: | 98.3%; | Average loss: | 2.6350 |
| Iteration: | 3934; | Percent complete: | 98.4%; | Average loss: | 2.6315 |
| Iteration: | 3935; | Percent complete: | 98.4%; | Average loss: | 2.6758 |
| Iteration: | 3936; | Percent complete: | 98.4%; | Average loss: | 2.3258 |
| Iteration: | 3937; | Percent complete: | 98.4%; | Average loss: | 2.4894 |
| Iteration: | 3938; | Percent complete: | 98.5%; | Average loss: | 2.5842 |
| Iteration: | 3939; | Percent complete: | 98.5%; | Average loss: | 2.6034 |
| Iteration: | 3940; | Percent complete: | 98.5%; | Average loss: | 2.4642 |
| Iteration: | 3941; | Percent complete: | 98.5%; | Average loss: | 2.6238 |
| Iteration: | 3942; | Percent complete: | 98.6%; | Average loss: | 2.7958 |
| Iteration: | 3943; | Percent complete: | 98.6%; | Average loss: | 2.5918 |
| Iteration: | 3944; | Percent complete: | 98.6%; | Average loss: | 2.5933 |
| Iteration: | 3945; | Percent complete: | 98.6%; | Average loss: | 2.6895 |
| Iteration: | 3946; | Percent complete: | 98.7%; | Average loss: | 2.6506 |
| Iteration: | 3947; | Percent complete: | 98.7%; | Average loss: | 2.6829 |
| Iteration: | 3948; | Percent complete: | 98.7%; | Average loss: | 2.4647 |
| Iteration: | 3949; | Percent complete: | 98.7%; | Average loss: | 2.4820 |
| Iteration: | 3950; | Percent complete: | 98.8%; | Average loss: | 2.8868 |
| Iteration: | 3951; | Percent complete: | 98.8%; | Average loss: | 2.7127 |
| Iteration: | 3952; | Percent complete: | 98.8%; | Average loss: | 2.7881 |
| Iteration: | 3953; | Percent complete: | 98.8%; | Average loss: | 2.7702 |
| Iteration: | 3954; | Percent complete: | 98.9%; | Average loss: | 2.5913 |
| Iteration: | 3955; | Percent complete: | 98.9%; | Average loss: | 2.6483 |
| Iteration: | 3956; | Percent complete: | 98.9%; | Average loss: | 2.6513 |
| Iteration: | 3957; | Percent complete: | 98.9%; | Average loss: | 2.9292 |
| Iteration: | 3958; | Percent complete: | 99.0%; | Average loss: | 2.6031 |
| Iteration: | 3959; | Percent complete: | 99.0%; | Average loss: | 2.6466 |
| Iteration: | 3960; | Percent complete: | 99.0%; | Average loss: | 2.4217 |
| Iteration: | 3961; | Percent complete: | 99.0%; | Average loss: | 2.3100 |
| Iteration: | 3962; | Percent complete: | 99.1%; | Average loss: | 2.5246 |
| Iteration: | 3963; | Percent complete: | 99.1%; | Average loss: | 2.5752 |
| Iteration: | 3964; | Percent complete: | 99.1%; | Average loss: | 2.5888 |
| Iteration: | 3965; | Percent complete: | 99.1%; | Average loss: | 2.7602 |
| Iteration: | 3966; | Percent complete: | 99.2%; | Average loss: | 2.7788 |
| Iteration: | 3967; | Percent complete: | 99.2%; | Average loss: | 2.7112 |
| Iteration: | 3968; | Percent complete: | 99.2%; | Average loss: | 2.8569 |
| Iteration: | 3969; | Percent complete: | 99.2%; | Average loss: | 2.3946 |
| Iteration: | 3970; | Percent complete: | 99.2%; | Average loss: | 2.7465 |
| Iteration: | 3971; | Percent complete: | 99.3%; | Average loss: | 2.6401 |
| Iteration: | 3972; | Percent complete: | 99.3%; | Average loss: | 2.6272 |
| Iteration: | 3973; | Percent complete: | 99.3%; | Average loss: | 2.5952 |
| Iteration: | 3974; | Percent complete: | 99.4%; | Average loss: | 2.6795 |
| Iteration: | 3975; | Percent complete: | 99.4%; | Average loss: | 2.6933 |
| Iteration: | 3976; | Percent complete: | 99.4%; | Average loss: | 2.5253 |
| Iteration: | 3977; | Percent complete: | 99.4%; | Average loss: | 2.5333 |
| Iteration: | 3978; | Percent complete: | 99.5%; | Average loss: | 2.3295 |
| Iteration: | 3979; | Percent complete: | 99.5%; | Average loss: | 2.8169 |
| Iteration: | 3980; | Percent complete: | 99.5%; | Average loss: | 2.4414 |
| Iteration: | 3981; | Percent complete: | 99.5%; | Average loss: | 2.6881 |
| Iteration: | 3982; | Percent complete: | 99.6%; | Average loss: | 2      |

Iteration: 3999; Percent complete: 100.0%; Average loss: 2.7804  
Iteration: 3999; Percent complete: 100.0%; Average loss: 2.6412  
Iteration: 4000; Percent complete: 100.0%; Average loss: 2.5019

## Run history:

batch loss   
epoch —  
loss —

## Run summary:

batch loss 2.50195  
epoch 1  
loss 2.63683

View run **comic-sweep-1** at: <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps/runs/uu42jvew>

View project at: <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps>

Synced 5 W&B file(s), 0 media file(s), 0 artifact file(s) and 0 other file(s)

Find logs at: ./wandb/run-20250928\_211608-uu42jvew/logs

**wandb**: Agent Starting Run: rse48979 with config:

**wandb**: clip: 0

**wandb**: decoder\_learning\_ratio: 5

**wandb**: learning\_rate: 0.001

**wandb**: optimizer: sg

**wandb**: teacher\_forcing\_ratio: 1

Tracking run with wandb version 0.22.0

Run data is saved locally in /content/wandb/run-20250928\_211936-rse48979

Syncing run **silver-sweep-2** to [Weights & Biases \(docs\)](#)

Sweep page: <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps/sweeps/jvrgq7ty>

View project at <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps>

View sweep at <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps/sweeps/jvrgq7ty>

View run at <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps/runs/rse48979>

Building optimizers ...

Starting Training!

Initializing ...

Training...

Iteration: 1; Percent complete: 0.0%; Average loss: 2.7013

Iteration: 2; Percent complete: 0.1%; Average loss: 2.6209

Iteration: 3; Percent complete: 0.1%; Average loss: 2.7212

Iteration: 4; Percent complete: 0.1%; Average loss: 2.5622

Iteration: 5; Percent complete: 0.1%; Average loss: 2.7157

Iteration: 6; Percent complete: 0.1%; Average loss: 2.7427

Iteration: 7; Percent complete: 0.2%; Average loss: 2.7425

Iteration: 8; Percent complete: 0.2%; Average loss: 2.7661

Iteration: 9; Percent complete: 0.2%; Average loss: 2.6325

Iteration: 10; Percent complete: 0.2%; Average loss: 2.7626

Iteration: 11; Percent complete: 0.3%; Average loss: 2.7585

Iteration: 12; Percent complete: 0.3%; Average loss: 2.6925

Iteration: 13; Percent complete: 0.3%; Average loss: 2.5440

Iteration: 14; Percent complete: 0.4%; Average loss: 2.7316

Iteration: 15; Percent complete: 0.4%; Average loss: 2.5972

Iteration: 16; Percent complete: 0.4%; Average loss: 2.5237

Iteration: 17; Percent complete: 0.4%; Average loss: 2.5109

Iteration: 18; Percent complete: 0.4%; Average loss: 2.7770

Iteration: 19; Percent complete: 0.5%; Average loss: 2.4807

Iteration: 20; Percent complete: 0.5%; Average loss: 2.5780

Iteration: 21; Percent complete: 0.5%; Average loss: 2.7288

Iteration: 22; Percent complete: 0.5%; Average loss: 2.7970

Iteration: 23; Percent complete: 0.6%; Average loss: 2.5983

Iteration: 24; Percent complete: 0.6%; Average loss: 2.7118

Iteration: 25; Percent complete: 0.6%; Average loss: 2.5543

Iteration: 26; Percent complete: 0.7%; Average loss: 2.5269

Iteration: 27; Percent complete: 0.7%; Average loss: 2.5973

Iteration: 28; Percent complete: 0.7%; Average loss: 2.9096

Iteration: 29; Percent complete: 0.7%; Average loss: 2.4830

Iteration: 30; Percent complete: 0.8%; Average loss: 2.4908

Iteration: 31; Percent complete: 0.8%; Average loss: 2.8111

Iteration: 32; Percent complete: 0.8%; Average loss: 2.6989

Iteration: 33; Percent complete: 0.8%; Average loss: 2.8260

Iteration: 34; Percent complete: 0.9%; Average loss: 2.5162

Iteration: 35; Percent complete: 0.9%; Average loss: 2.5735

Iteration: 36; Percent complete: 0.9%; Average loss: 2.7517

Iteration: 37; Percent complete: 0.9%; Average loss: 2.4484

Iteration: 38; Percent complete: 0.9%; Average loss: 2.5253

Iteration: 39; Percent complete: 1.0%; Average loss: 2.6302

Iteration: 40; Percent complete: 1.0%; Average loss: 2.6570

Iteration: 41; Percent complete: 1.0%; Average loss: 2.4907

Iteration: 42; Percent complete: 1.1%; Average loss: 2.6472

Iteration: 43; Percent complete: 1.1%; Average loss: 2.6799

Iteration: 44; Percent complete: 1.1%; Average loss: 2.5434

Iteration: 45; Percent complete: 1.1%; Average loss: 2.5028

Iteration: 46; Percent complete: 1.1%; Average loss: 2.5860

Iteration: 47; Percent complete: 1.2%; Average loss: 2.6333

Iteration: 48; Percent complete: 1.2%; Average loss: 2.2781

Iteration: 49; Percent complete: 1.2%; Average loss: 2.8190

Iteration: 50; Percent complete: 1.2%; Average loss: 2.5870

Iteration: 50; Percent complete: 1.2%; Average loss: 2.5879  
Iteration: 51; Percent complete: 1.3%; Average loss: 2.6644  
Iteration: 52; Percent complete: 1.3%; Average loss: 2.7996  
Iteration: 53; Percent complete: 1.3%; Average loss: 2.7745  
Iteration: 54; Percent complete: 1.4%; Average loss: 2.7056  
Iteration: 55; Percent complete: 1.4%; Average loss: 2.6397  
Iteration: 56; Percent complete: 1.4%; Average loss: 2.6751  
Iteration: 57; Percent complete: 1.4%; Average loss: 2.7448  
Iteration: 58; Percent complete: 1.5%; Average loss: 2.5873  
Iteration: 59; Percent complete: 1.5%; Average loss: 2.6642  
Iteration: 60; Percent complete: 1.5%; Average loss: 2.5406  
Iteration: 61; Percent complete: 1.5%; Average loss: 2.4774  
Iteration: 62; Percent complete: 1.6%; Average loss: 2.9511  
Iteration: 63; Percent complete: 1.6%; Average loss: 2.6776  
Iteration: 64; Percent complete: 1.6%; Average loss: 2.5423  
Iteration: 65; Percent complete: 1.6%; Average loss: 2.6006  
Iteration: 66; Percent complete: 1.7%; Average loss: 2.4745  
Iteration: 67; Percent complete: 1.7%; Average loss: 2.7033  
Iteration: 68; Percent complete: 1.7%; Average loss: 2.6653  
Iteration: 69; Percent complete: 1.7%; Average loss: 2.6841  
Iteration: 70; Percent complete: 1.8%; Average loss: 2.5608  
Iteration: 71; Percent complete: 1.8%; Average loss: 2.6457  
Iteration: 72; Percent complete: 1.8%; Average loss: 2.4886  
Iteration: 73; Percent complete: 1.8%; Average loss: 2.5532  
Iteration: 74; Percent complete: 1.8%; Average loss: 2.5072  
Iteration: 75; Percent complete: 1.9%; Average loss: 2.5637  
Iteration: 76; Percent complete: 1.9%; Average loss: 2.6850  
Iteration: 77; Percent complete: 1.9%; Average loss: 2.7458  
Iteration: 78; Percent complete: 1.9%; Average loss: 2.4305  
Iteration: 79; Percent complete: 2.0%; Average loss: 2.5639  
Iteration: 80; Percent complete: 2.0%; Average loss: 2.6704  
Iteration: 81; Percent complete: 2.0%; Average loss: 2.7961  
Iteration: 82; Percent complete: 2.1%; Average loss: 2.6804  
Iteration: 83; Percent complete: 2.1%; Average loss: 2.6511  
Iteration: 84; Percent complete: 2.1%; Average loss: 2.6083  
Iteration: 85; Percent complete: 2.1%; Average loss: 2.5970  
Iteration: 86; Percent complete: 2.1%; Average loss: 2.7461  
Iteration: 87; Percent complete: 2.2%; Average loss: 2.7332  
Iteration: 88; Percent complete: 2.2%; Average loss: 2.4174  
Iteration: 89; Percent complete: 2.2%; Average loss: 2.4793  
Iteration: 90; Percent complete: 2.2%; Average loss: 2.6332  
Iteration: 91; Percent complete: 2.3%; Average loss: 2.5152  
Iteration: 92; Percent complete: 2.3%; Average loss: 2.8683  
Iteration: 93; Percent complete: 2.3%; Average loss: 2.5303  
Iteration: 94; Percent complete: 2.4%; Average loss: 2.6178  
Iteration: 95; Percent complete: 2.4%; Average loss: 2.4466  
Iteration: 96; Percent complete: 2.4%; Average loss: 2.4170  
Iteration: 97; Percent complete: 2.4%; Average loss: 2.7576  
Iteration: 98; Percent complete: 2.5%; Average loss: 2.7155  
Iteration: 99; Percent complete: 2.5%; Average loss: 2.7427  
Iteration: 100; Percent complete: 2.5%; Average loss: 2.6193  
Iteration: 101; Percent complete: 2.5%; Average loss: 2.5378  
Iteration: 102; Percent complete: 2.5%; Average loss: 2.5138  
Iteration: 103; Percent complete: 2.6%; Average loss: 2.7104  
Iteration: 104; Percent complete: 2.6%; Average loss: 2.7071  
Iteration: 105; Percent complete: 2.6%; Average loss: 2.7284  
Iteration: 106; Percent complete: 2.6%; Average loss: 2.9422  
Iteration: 107; Percent complete: 2.7%; Average loss: 2.5854  
Iteration: 108; Percent complete: 2.7%; Average loss: 2.6453  
Iteration: 109; Percent complete: 2.7%; Average loss: 2.5273  
Iteration: 110; Percent complete: 2.8%; Average loss: 2.6359  
Iteration: 111; Percent complete: 2.8%; Average loss: 2.5826  
Iteration: 112; Percent complete: 2.8%; Average loss: 2.4452  
Iteration: 113; Percent complete: 2.8%; Average loss: 2.4975  
Iteration: 114; Percent complete: 2.9%; Average loss: 2.9641  
Iteration: 115; Percent complete: 2.9%; Average loss: 2.6861  
Iteration: 116; Percent complete: 2.9%; Average loss: 2.7719  
Iteration: 117; Percent complete: 2.9%; Average loss: 2.4768  
Iteration: 118; Percent complete: 2.9%; Average loss: 2.6997  
Iteration: 119; Percent complete: 3.0%; Average loss: 2.6064  
Iteration: 120; Percent complete: 3.0%; Average loss: 2.4280  
Iteration: 121; Percent complete: 3.0%; Average loss: 2.8499  
Iteration: 122; Percent complete: 3.0%; Average loss: 2.5739  
Iteration: 123; Percent complete: 3.1%; Average loss: 2.6831  
Iteration: 124; Percent complete: 3.1%; Average loss: 2.6213  
Iteration: 125; Percent complete: 3.1%; Average loss: 2.6113  
Iteration: 126; Percent complete: 3.1%; Average loss: 2.8533  
Iteration: 127; Percent complete: 3.2%; Average loss: 2.5746  
Iteration: 128; Percent complete: 3.2%; Average loss: 2.5908  
Iteration: 129; Percent complete: 3.2%; Average loss: 2.8765  
Iteration: 130; Percent complete: 3.2%; Average loss: 2.7800  
Iteration: 131; Percent complete: 3.3%; Average loss: 2.4850  
Iteration: 132; Percent complete: 3.3%; Average loss: 2.5456  
Iteration: 133; Percent complete: 3.3%; Average loss: 2.3995  
Iteration: 134; Percent complete: 3.4%; Average loss: 2.5735  
Iteration: 135; Percent complete: 3.4%; Average loss: 2.6469  
Iteration: 136; Percent complete: 3.4%; Average loss: 2.6675  
Iteration: 137; Percent complete: 3.4%; Average loss: 2.4842  
Iteration: 138; Percent complete: 3.5%; Average loss: 2.4075  
Iteration: 139; Percent complete: 3.5%; Average loss: 2.6373  
Iteration: 140; Percent complete: 3.5%; Average loss: 2.3958  
Iteration: 141; Percent complete: 3.5%; Average loss: 2.5123

Iteration: 142; Percent complete: 3.5%; Average loss: 2.6228  
Iteration: 143; Percent complete: 3.6%; Average loss: 2.6805  
Iteration: 144; Percent complete: 3.6%; Average loss: 2.6491  
Iteration: 145; Percent complete: 3.6%; Average loss: 2.5936  
Iteration: 146; Percent complete: 3.6%; Average loss: 2.5004  
Iteration: 147; Percent complete: 3.7%; Average loss: 2.6112  
Iteration: 148; Percent complete: 3.7%; Average loss: 2.5663  
Iteration: 149; Percent complete: 3.7%; Average loss: 2.7814  
Iteration: 150; Percent complete: 3.8%; Average loss: 2.4417  
Iteration: 151; Percent complete: 3.8%; Average loss: 2.6300  
Iteration: 152; Percent complete: 3.8%; Average loss: 2.6228  
Iteration: 153; Percent complete: 3.8%; Average loss: 2.6931  
Iteration: 154; Percent complete: 3.9%; Average loss: 2.5069  
Iteration: 155; Percent complete: 3.9%; Average loss: 2.9170  
Iteration: 156; Percent complete: 3.9%; Average loss: 2.9249  
Iteration: 157; Percent complete: 3.9%; Average loss: 2.5107  
Iteration: 158; Percent complete: 4.0%; Average loss: 2.6109  
Iteration: 159; Percent complete: 4.0%; Average loss: 2.6657  
Iteration: 160; Percent complete: 4.0%; Average loss: 2.6425  
Iteration: 161; Percent complete: 4.0%; Average loss: 2.5295  
Iteration: 162; Percent complete: 4.0%; Average loss: 2.6233  
Iteration: 163; Percent complete: 4.1%; Average loss: 2.7041  
Iteration: 164; Percent complete: 4.1%; Average loss: 2.6427  
Iteration: 165; Percent complete: 4.1%; Average loss: 2.6414  
Iteration: 166; Percent complete: 4.2%; Average loss: 2.7462  
Iteration: 167; Percent complete: 4.2%; Average loss: 2.3926  
Iteration: 168; Percent complete: 4.2%; Average loss: 2.6436  
Iteration: 169; Percent complete: 4.2%; Average loss: 2.8639  
Iteration: 170; Percent complete: 4.2%; Average loss: 2.6460  
Iteration: 171; Percent complete: 4.3%; Average loss: 2.6535  
Iteration: 172; Percent complete: 4.3%; Average loss: 2.5822  
Iteration: 173; Percent complete: 4.3%; Average loss: 2.8195  
Iteration: 174; Percent complete: 4.3%; Average loss: 2.6812  
Iteration: 175; Percent complete: 4.4%; Average loss: 2.6913  
Iteration: 176; Percent complete: 4.4%; Average loss: 2.7466  
Iteration: 177; Percent complete: 4.4%; Average loss: 2.6881  
Iteration: 178; Percent complete: 4.5%; Average loss: 2.5122  
Iteration: 179; Percent complete: 4.5%; Average loss: 2.4356  
Iteration: 180; Percent complete: 4.5%; Average loss: 2.6591  
Iteration: 181; Percent complete: 4.5%; Average loss: 2.5131  
Iteration: 182; Percent complete: 4.5%; Average loss: 2.5498  
Iteration: 183; Percent complete: 4.6%; Average loss: 2.5054  
Iteration: 184; Percent complete: 4.6%; Average loss: 2.6699  
Iteration: 185; Percent complete: 4.6%; Average loss: 2.9511  
Iteration: 186; Percent complete: 4.7%; Average loss: 2.6062  
Iteration: 187; Percent complete: 4.7%; Average loss: 2.8001  
Iteration: 188; Percent complete: 4.7%; Average loss: 2.5615  
Iteration: 189; Percent complete: 4.7%; Average loss: 2.6728  
Iteration: 190; Percent complete: 4.8%; Average loss: 2.8445  
Iteration: 191; Percent complete: 4.8%; Average loss: 2.5021  
Iteration: 192; Percent complete: 4.8%; Average loss: 2.6685  
Iteration: 193; Percent complete: 4.8%; Average loss: 2.6230  
Iteration: 194; Percent complete: 4.9%; Average loss: 2.5648  
Iteration: 195; Percent complete: 4.9%; Average loss: 2.5808  
Iteration: 196; Percent complete: 4.9%; Average loss: 2.6048  
Iteration: 197; Percent complete: 4.9%; Average loss: 2.4131  
Iteration: 198; Percent complete: 5.0%; Average loss: 2.7764  
Iteration: 199; Percent complete: 5.0%; Average loss: 2.5895  
Iteration: 200; Percent complete: 5.0%; Average loss: 2.6493  
Iteration: 201; Percent complete: 5.0%; Average loss: 2.4185  
Iteration: 202; Percent complete: 5.1%; Average loss: 2.7312  
Iteration: 203; Percent complete: 5.1%; Average loss: 2.4762  
Iteration: 204; Percent complete: 5.1%; Average loss: 2.9098  
Iteration: 205; Percent complete: 5.1%; Average loss: 2.8189  
Iteration: 206; Percent complete: 5.1%; Average loss: 2.4676  
Iteration: 207; Percent complete: 5.2%; Average loss: 2.7549  
Iteration: 208; Percent complete: 5.2%; Average loss: 2.5206  
Iteration: 209; Percent complete: 5.2%; Average loss: 2.9480  
Iteration: 210; Percent complete: 5.2%; Average loss: 2.6317  
Iteration: 211; Percent complete: 5.3%; Average loss: 2.5299  
Iteration: 212; Percent complete: 5.3%; Average loss: 2.7113  
Iteration: 213; Percent complete: 5.3%; Average loss: 2.3997  
Iteration: 214; Percent complete: 5.3%; Average loss: 2.7450  
Iteration: 215; Percent complete: 5.4%; Average loss: 2.7032  
Iteration: 216; Percent complete: 5.4%; Average loss: 2.3108  
Iteration: 217; Percent complete: 5.4%; Average loss: 2.4790  
Iteration: 218; Percent complete: 5.5%; Average loss: 2.5991  
Iteration: 219; Percent complete: 5.5%; Average loss: 2.5455  
Iteration: 220; Percent complete: 5.5%; Average loss: 2.4674  
Iteration: 221; Percent complete: 5.5%; Average loss: 2.7158  
Iteration: 222; Percent complete: 5.5%; Average loss: 2.6615  
Iteration: 223; Percent complete: 5.6%; Average loss: 2.7143  
Iteration: 224; Percent complete: 5.6%; Average loss: 2.5050  
Iteration: 225; Percent complete: 5.6%; Average loss: 2.6164  
Iteration: 226; Percent complete: 5.7%; Average loss: 2.6136  
Iteration: 227; Percent complete: 5.7%; Average loss: 2.7456  
Iteration: 228; Percent complete: 5.7%; Average loss: 2.7470  
Iteration: 229; Percent complete: 5.7%; Average loss: 2.5887  
Iteration: 230; Percent complete: 5.8%; Average loss: 2.4739  
Iteration: 231; Percent complete: 5.8%; Average loss: 2.6381  
Iteration: 232; Percent complete: 5.8%; Average loss: 2.5474

Iteration: 233; Percent complete: 5.8%; Average loss: 2.5116  
Iteration: 234; Percent complete: 5.9%; Average loss: 2.5958  
Iteration: 235; Percent complete: 5.9%; Average loss: 2.5888  
Iteration: 236; Percent complete: 5.9%; Average loss: 2.7941  
Iteration: 237; Percent complete: 5.9%; Average loss: 2.4910  
Iteration: 238; Percent complete: 5.9%; Average loss: 2.6442  
Iteration: 239; Percent complete: 6.0%; Average loss: 2.6586  
Iteration: 240; Percent complete: 6.0%; Average loss: 2.5302  
Iteration: 241; Percent complete: 6.0%; Average loss: 2.5645  
Iteration: 242; Percent complete: 6.0%; Average loss: 2.6152  
Iteration: 243; Percent complete: 6.1%; Average loss: 2.6601  
Iteration: 244; Percent complete: 6.1%; Average loss: 2.9755  
Iteration: 245; Percent complete: 6.1%; Average loss: 2.5743  
Iteration: 246; Percent complete: 6.2%; Average loss: 2.7004  
Iteration: 247; Percent complete: 6.2%; Average loss: 2.6882  
Iteration: 248; Percent complete: 6.2%; Average loss: 2.6821  
Iteration: 249; Percent complete: 6.2%; Average loss: 2.8108  
Iteration: 250; Percent complete: 6.2%; Average loss: 2.4956  
Iteration: 251; Percent complete: 6.3%; Average loss: 2.7253  
Iteration: 252; Percent complete: 6.3%; Average loss: 2.7247  
Iteration: 253; Percent complete: 6.3%; Average loss: 2.6513  
Iteration: 254; Percent complete: 6.3%; Average loss: 2.7243  
Iteration: 255; Percent complete: 6.4%; Average loss: 3.0186  
Iteration: 256; Percent complete: 6.4%; Average loss: 2.8376  
Iteration: 257; Percent complete: 6.4%; Average loss: 2.5391  
Iteration: 258; Percent complete: 6.5%; Average loss: 2.5475  
Iteration: 259; Percent complete: 6.5%; Average loss: 2.8445  
Iteration: 260; Percent complete: 6.5%; Average loss: 2.5321  
Iteration: 261; Percent complete: 6.5%; Average loss: 2.5833  
Iteration: 262; Percent complete: 6.6%; Average loss: 2.5120  
Iteration: 263; Percent complete: 6.6%; Average loss: 2.5657  
Iteration: 264; Percent complete: 6.6%; Average loss: 2.5394  
Iteration: 265; Percent complete: 6.6%; Average loss: 2.4015  
Iteration: 266; Percent complete: 6.7%; Average loss: 2.6029  
Iteration: 267; Percent complete: 6.7%; Average loss: 2.6197  
Iteration: 268; Percent complete: 6.7%; Average loss: 2.5311  
Iteration: 269; Percent complete: 6.7%; Average loss: 2.5180  
Iteration: 270; Percent complete: 6.8%; Average loss: 2.5151  
Iteration: 271; Percent complete: 6.8%; Average loss: 2.6904  
Iteration: 272; Percent complete: 6.8%; Average loss: 2.6651  
Iteration: 273; Percent complete: 6.8%; Average loss: 2.7563  
Iteration: 274; Percent complete: 6.9%; Average loss: 2.5679  
Iteration: 275; Percent complete: 6.9%; Average loss: 2.9074  
Iteration: 276; Percent complete: 6.9%; Average loss: 2.2694  
Iteration: 277; Percent complete: 6.9%; Average loss: 2.3922  
Iteration: 278; Percent complete: 7.0%; Average loss: 2.3430  
Iteration: 279; Percent complete: 7.0%; Average loss: 2.6384  
Iteration: 280; Percent complete: 7.0%; Average loss: 2.5755  
Iteration: 281; Percent complete: 7.0%; Average loss: 2.7722  
Iteration: 282; Percent complete: 7.0%; Average loss: 2.5073  
Iteration: 283; Percent complete: 7.1%; Average loss: 2.5195  
Iteration: 284; Percent complete: 7.1%; Average loss: 2.3770  
Iteration: 285; Percent complete: 7.1%; Average loss: 2.8833  
Iteration: 286; Percent complete: 7.1%; Average loss: 2.6339  
Iteration: 287; Percent complete: 7.2%; Average loss: 2.5158  
Iteration: 288; Percent complete: 7.2%; Average loss: 2.5923  
Iteration: 289; Percent complete: 7.2%; Average loss: 2.6848  
Iteration: 290; Percent complete: 7.2%; Average loss: 2.6538  
Iteration: 291; Percent complete: 7.3%; Average loss: 2.6800  
Iteration: 292; Percent complete: 7.3%; Average loss: 2.6814  
Iteration: 293; Percent complete: 7.3%; Average loss: 2.5788  
Iteration: 294; Percent complete: 7.3%; Average loss: 2.4914  
Iteration: 295; Percent complete: 7.4%; Average loss: 2.5049  
Iteration: 296; Percent complete: 7.4%; Average loss: 2.6613  
Iteration: 297; Percent complete: 7.4%; Average loss: 2.4335  
Iteration: 298; Percent complete: 7.4%; Average loss: 2.7292  
Iteration: 299; Percent complete: 7.5%; Average loss: 2.7325  
Iteration: 300; Percent complete: 7.5%; Average loss: 2.5004  
Iteration: 301; Percent complete: 7.5%; Average loss: 2.8398  
Iteration: 302; Percent complete: 7.5%; Average loss: 2.6882  
Iteration: 303; Percent complete: 7.6%; Average loss: 2.4526  
Iteration: 304; Percent complete: 7.6%; Average loss: 2.7487  
Iteration: 305; Percent complete: 7.6%; Average loss: 2.6938  
Iteration: 306; Percent complete: 7.6%; Average loss: 2.6083  
Iteration: 307; Percent complete: 7.7%; Average loss: 2.7560  
Iteration: 308; Percent complete: 7.7%; Average loss: 2.6862  
Iteration: 309; Percent complete: 7.7%; Average loss: 2.7519  
Iteration: 310; Percent complete: 7.8%; Average loss: 2.5092  
Iteration: 311; Percent complete: 7.8%; Average loss: 2.5566  
Iteration: 312; Percent complete: 7.8%; Average loss: 2.5467  
Iteration: 313; Percent complete: 7.8%; Average loss: 2.5035  
Iteration: 314; Percent complete: 7.8%; Average loss: 2.6755  
Iteration: 315; Percent complete: 7.9%; Average loss: 2.6047  
Iteration: 316; Percent complete: 7.9%; Average loss: 2.6170  
Iteration: 317; Percent complete: 7.9%; Average loss: 2.6965  
Iteration: 318; Percent complete: 8.0%; Average loss: 2.5333  
Iteration: 319; Percent complete: 8.0%; Average loss: 2.6490  
Iteration: 320; Percent complete: 8.0%; Average loss: 2.7223  
Iteration: 321; Percent complete: 8.0%; Average loss: 2.7636  
Iteration: 322; Percent complete: 8.1%; Average loss: 2.6123  
Iteration: 323; Percent complete: 8.1%; Average loss: 2.5896

Iteration: 324; Percent complete: 8.1%; Average loss: 2.5366  
Iteration: 325; Percent complete: 8.1%; Average loss: 2.6253  
Iteration: 326; Percent complete: 8.2%; Average loss: 2.6535  
Iteration: 327; Percent complete: 8.2%; Average loss: 2.3126  
Iteration: 328; Percent complete: 8.2%; Average loss: 2.5049  
Iteration: 329; Percent complete: 8.2%; Average loss: 2.6409  
Iteration: 330; Percent complete: 8.2%; Average loss: 2.6997  
Iteration: 331; Percent complete: 8.3%; Average loss: 2.4663  
Iteration: 332; Percent complete: 8.3%; Average loss: 2.5372  
Iteration: 333; Percent complete: 8.3%; Average loss: 2.8623  
Iteration: 334; Percent complete: 8.3%; Average loss: 2.6536  
Iteration: 335; Percent complete: 8.4%; Average loss: 2.7654  
Iteration: 336; Percent complete: 8.4%; Average loss: 2.7612  
Iteration: 337; Percent complete: 8.4%; Average loss: 2.4697  
Iteration: 338; Percent complete: 8.5%; Average loss: 2.6235  
Iteration: 339; Percent complete: 8.5%; Average loss: 2.6273  
Iteration: 340; Percent complete: 8.5%; Average loss: 2.8276  
Iteration: 341; Percent complete: 8.5%; Average loss: 2.7213  
Iteration: 342; Percent complete: 8.6%; Average loss: 2.6406  
Iteration: 343; Percent complete: 8.6%; Average loss: 2.6643  
Iteration: 344; Percent complete: 8.6%; Average loss: 2.6002  
Iteration: 345; Percent complete: 8.6%; Average loss: 2.6390  
Iteration: 346; Percent complete: 8.6%; Average loss: 2.6662  
Iteration: 347; Percent complete: 8.7%; Average loss: 2.4885  
Iteration: 348; Percent complete: 8.7%; Average loss: 2.5857  
Iteration: 349; Percent complete: 8.7%; Average loss: 2.8998  
Iteration: 350; Percent complete: 8.8%; Average loss: 2.6777  
Iteration: 351; Percent complete: 8.8%; Average loss: 2.7391  
Iteration: 352; Percent complete: 8.8%; Average loss: 2.6108  
Iteration: 353; Percent complete: 8.8%; Average loss: 2.5280  
Iteration: 354; Percent complete: 8.8%; Average loss: 2.4759  
Iteration: 355; Percent complete: 8.9%; Average loss: 2.5983  
Iteration: 356; Percent complete: 8.9%; Average loss: 2.7744  
Iteration: 357; Percent complete: 8.9%; Average loss: 2.7802  
Iteration: 358; Percent complete: 8.9%; Average loss: 2.7841  
Iteration: 359; Percent complete: 9.0%; Average loss: 2.4961  
Iteration: 360; Percent complete: 9.0%; Average loss: 2.4553  
Iteration: 361; Percent complete: 9.0%; Average loss: 2.7003  
Iteration: 362; Percent complete: 9.0%; Average loss: 2.7176  
Iteration: 363; Percent complete: 9.1%; Average loss: 2.3066  
Iteration: 364; Percent complete: 9.1%; Average loss: 2.7153  
Iteration: 365; Percent complete: 9.1%; Average loss: 2.6096  
Iteration: 366; Percent complete: 9.2%; Average loss: 2.6090  
Iteration: 367; Percent complete: 9.2%; Average loss: 2.5444  
Iteration: 368; Percent complete: 9.2%; Average loss: 2.5755  
Iteration: 369; Percent complete: 9.2%; Average loss: 2.4220  
Iteration: 370; Percent complete: 9.2%; Average loss: 2.7001  
Iteration: 371; Percent complete: 9.3%; Average loss: 2.5673  
Iteration: 372; Percent complete: 9.3%; Average loss: 2.5576  
Iteration: 373; Percent complete: 9.3%; Average loss: 2.5062  
Iteration: 374; Percent complete: 9.3%; Average loss: 2.6233  
Iteration: 375; Percent complete: 9.4%; Average loss: 2.6557  
Iteration: 376; Percent complete: 9.4%; Average loss: 2.5617  
Iteration: 377; Percent complete: 9.4%; Average loss: 2.6718  
Iteration: 378; Percent complete: 9.4%; Average loss: 2.7008  
Iteration: 379; Percent complete: 9.5%; Average loss: 2.5550  
Iteration: 380; Percent complete: 9.5%; Average loss: 2.5113  
Iteration: 381; Percent complete: 9.5%; Average loss: 2.5373  
Iteration: 382; Percent complete: 9.6%; Average loss: 2.8781  
Iteration: 383; Percent complete: 9.6%; Average loss: 2.5701  
Iteration: 384; Percent complete: 9.6%; Average loss: 2.4645  
Iteration: 385; Percent complete: 9.6%; Average loss: 2.9838  
Iteration: 386; Percent complete: 9.7%; Average loss: 2.6258  
Iteration: 387; Percent complete: 9.7%; Average loss: 2.6392  
Iteration: 388; Percent complete: 9.7%; Average loss: 2.5986  
Iteration: 389; Percent complete: 9.7%; Average loss: 2.6709  
Iteration: 390; Percent complete: 9.8%; Average loss: 2.5277  
Iteration: 391; Percent complete: 9.8%; Average loss: 2.7543  
Iteration: 392; Percent complete: 9.8%; Average loss: 2.5440  
Iteration: 393; Percent complete: 9.8%; Average loss: 2.2175  
Iteration: 394; Percent complete: 9.8%; Average loss: 2.7080  
Iteration: 395; Percent complete: 9.9%; Average loss: 2.7031  
Iteration: 396; Percent complete: 9.9%; Average loss: 2.5551  
Iteration: 397; Percent complete: 9.9%; Average loss: 2.6956  
Iteration: 398; Percent complete: 10.0%; Average loss: 2.6540  
Iteration: 399; Percent complete: 10.0%; Average loss: 2.6292  
Iteration: 400; Percent complete: 10.0%; Average loss: 3.0254  
Iteration: 401; Percent complete: 10.0%; Average loss: 2.3623  
Iteration: 402; Percent complete: 10.1%; Average loss: 2.7061  
Iteration: 403; Percent complete: 10.1%; Average loss: 2.5130  
Iteration: 404; Percent complete: 10.1%; Average loss: 2.9024  
Iteration: 405; Percent complete: 10.1%; Average loss: 2.8078  
Iteration: 406; Percent complete: 10.2%; Average loss: 2.4151  
Iteration: 407; Percent complete: 10.2%; Average loss: 2.6729  
Iteration: 408; Percent complete: 10.2%; Average loss: 2.6429  
Iteration: 409; Percent complete: 10.2%; Average loss: 2.5608  
Iteration: 410; Percent complete: 10.2%; Average loss: 2.7212  
Iteration: 411; Percent complete: 10.3%; Average loss: 2.3581  
Iteration: 412; Percent complete: 10.3%; Average loss: 2.6496  
Iteration: 413; Percent complete: 10.3%; Average loss: 2.4756  
Iteration: 414; Percent complete: 10.3%; Average loss: 2.5335  
Iteration: 415; Percent complete: 10.4%; Average loss: 2.5597

|            |      |         |           |        |         |       |        |
|------------|------|---------|-----------|--------|---------|-------|--------|
| Iteration: | 413; | Percent | complete: | 10.4%; | Average | loss: | 2.3587 |
| Iteration: | 416; | Percent | complete: | 10.4%; | Average | loss: | 2.6353 |
| Iteration: | 417; | Percent | complete: | 10.4%; | Average | loss: | 2.5957 |
| Iteration: | 418; | Percent | complete: | 10.4%; | Average | loss: | 2.7167 |
| Iteration: | 419; | Percent | complete: | 10.5%; | Average | loss: | 2.7610 |
| Iteration: | 420; | Percent | complete: | 10.5%; | Average | loss: | 2.7415 |
| Iteration: | 421; | Percent | complete: | 10.5%; | Average | loss: | 2.6135 |
| Iteration: | 422; | Percent | complete: | 10.5%; | Average | loss: | 2.4919 |
| Iteration: | 423; | Percent | complete: | 10.6%; | Average | loss: | 2.5296 |
| Iteration: | 424; | Percent | complete: | 10.6%; | Average | loss: | 2.6165 |
| Iteration: | 425; | Percent | complete: | 10.6%; | Average | loss: | 2.6571 |
| Iteration: | 426; | Percent | complete: | 10.7%; | Average | loss: | 2.4535 |
| Iteration: | 427; | Percent | complete: | 10.7%; | Average | loss: | 2.8502 |
| Iteration: | 428; | Percent | complete: | 10.7%; | Average | loss: | 2.3921 |
| Iteration: | 429; | Percent | complete: | 10.7%; | Average | loss: | 2.5156 |
| Iteration: | 430; | Percent | complete: | 10.8%; | Average | loss: | 2.6781 |
| Iteration: | 431; | Percent | complete: | 10.8%; | Average | loss: | 2.5482 |
| Iteration: | 432; | Percent | complete: | 10.8%; | Average | loss: | 2.5448 |
| Iteration: | 433; | Percent | complete: | 10.8%; | Average | loss: | 2.3725 |
| Iteration: | 434; | Percent | complete: | 10.8%; | Average | loss: | 2.7424 |
| Iteration: | 435; | Percent | complete: | 10.9%; | Average | loss: | 2.6823 |
| Iteration: | 436; | Percent | complete: | 10.9%; | Average | loss: | 2.5998 |
| Iteration: | 437; | Percent | complete: | 10.9%; | Average | loss: | 2.5992 |
| Iteration: | 438; | Percent | complete: | 10.9%; | Average | loss: | 2.6515 |
| Iteration: | 439; | Percent | complete: | 11.0%; | Average | loss: | 2.4912 |
| Iteration: | 440; | Percent | complete: | 11.0%; | Average | loss: | 2.4294 |
| Iteration: | 441; | Percent | complete: | 11.0%; | Average | loss: | 2.4777 |
| Iteration: | 442; | Percent | complete: | 11.1%; | Average | loss: | 2.7270 |
| Iteration: | 443; | Percent | complete: | 11.1%; | Average | loss: | 2.6563 |
| Iteration: | 444; | Percent | complete: | 11.1%; | Average | loss: | 2.5859 |
| Iteration: | 445; | Percent | complete: | 11.1%; | Average | loss: | 2.9134 |
| Iteration: | 446; | Percent | complete: | 11.2%; | Average | loss: | 2.6459 |
| Iteration: | 447; | Percent | complete: | 11.2%; | Average | loss: | 2.6004 |
| Iteration: | 448; | Percent | complete: | 11.2%; | Average | loss: | 2.7405 |
| Iteration: | 449; | Percent | complete: | 11.2%; | Average | loss: | 2.5958 |
| Iteration: | 450; | Percent | complete: | 11.2%; | Average | loss: | 2.6134 |
| Iteration: | 451; | Percent | complete: | 11.3%; | Average | loss: | 2.6327 |
| Iteration: | 452; | Percent | complete: | 11.3%; | Average | loss: | 2.6714 |
| Iteration: | 453; | Percent | complete: | 11.3%; | Average | loss: | 2.5066 |
| Iteration: | 454; | Percent | complete: | 11.3%; | Average | loss: | 2.4506 |
| Iteration: | 455; | Percent | complete: | 11.4%; | Average | loss: | 2.5571 |
| Iteration: | 456; | Percent | complete: | 11.4%; | Average | loss: | 2.5583 |
| Iteration: | 457; | Percent | complete: | 11.4%; | Average | loss: | 2.7094 |
| Iteration: | 458; | Percent | complete: | 11.5%; | Average | loss: | 2.4971 |
| Iteration: | 459; | Percent | complete: | 11.5%; | Average | loss: | 2.9465 |
| Iteration: | 460; | Percent | complete: | 11.5%; | Average | loss: | 2.6904 |
| Iteration: | 461; | Percent | complete: | 11.5%; | Average | loss: | 2.4952 |
| Iteration: | 462; | Percent | complete: | 11.6%; | Average | loss: | 2.6059 |
| Iteration: | 463; | Percent | complete: | 11.6%; | Average | loss: | 2.7934 |
| Iteration: | 464; | Percent | complete: | 11.6%; | Average | loss: | 2.7138 |
| Iteration: | 465; | Percent | complete: | 11.6%; | Average | loss: | 2.4680 |
| Iteration: | 466; | Percent | complete: | 11.7%; | Average | loss: | 2.5250 |
| Iteration: | 467; | Percent | complete: | 11.7%; | Average | loss: | 2.6530 |
| Iteration: | 468; | Percent | complete: | 11.7%; | Average | loss: | 2.5946 |
| Iteration: | 469; | Percent | complete: | 11.7%; | Average | loss: | 2.6863 |
| Iteration: | 470; | Percent | complete: | 11.8%; | Average | loss: | 2.5540 |
| Iteration: | 471; | Percent | complete: | 11.8%; | Average | loss: | 2.5980 |
| Iteration: | 472; | Percent | complete: | 11.8%; | Average | loss: | 2.5176 |
| Iteration: | 473; | Percent | complete: | 11.8%; | Average | loss: | 2.4792 |
| Iteration: | 474; | Percent | complete: | 11.8%; | Average | loss: | 2.5574 |
| Iteration: | 475; | Percent | complete: | 11.9%; | Average | loss: | 2.6563 |
| Iteration: | 476; | Percent | complete: | 11.9%; | Average | loss: | 2.5971 |
| Iteration: | 477; | Percent | complete: | 11.9%; | Average | loss: | 2.6145 |
| Iteration: | 478; | Percent | complete: | 11.9%; | Average | loss: | 2.6679 |
| Iteration: | 479; | Percent | complete: | 12.0%; | Average | loss: | 2.5862 |



|                 |                   |        |               |        |
|-----------------|-------------------|--------|---------------|--------|
| Iteration: 507; | Percent complete: | 12.7%; | Average loss: | 2.9476 |
| Iteration: 508; | Percent complete: | 12.7%; | Average loss: | 2.4696 |
| Iteration: 509; | Percent complete: | 12.7%; | Average loss: | 2.5455 |
| Iteration: 510; | Percent complete: | 12.8%; | Average loss: | 2.7181 |
| Iteration: 511; | Percent complete: | 12.8%; | Average loss: | 2.6073 |
| Iteration: 512; | Percent complete: | 12.8%; | Average loss: | 2.7920 |
| Iteration: 513; | Percent complete: | 12.8%; | Average loss: | 2.6240 |
| Iteration: 514; | Percent complete: | 12.8%; | Average loss: | 2.7832 |
| Iteration: 515; | Percent complete: | 12.9%; | Average loss: | 2.6582 |
| Iteration: 516; | Percent complete: | 12.9%; | Average loss: | 2.5351 |
| Iteration: 517; | Percent complete: | 12.9%; | Average loss: | 2.5338 |
| Iteration: 518; | Percent complete: | 13.0%; | Average loss: | 2.6504 |
| Iteration: 519; | Percent complete: | 13.0%; | Average loss: | 2.6759 |
| Iteration: 520; | Percent complete: | 13.0%; | Average loss: | 2.7186 |
| Iteration: 521; | Percent complete: | 13.0%; | Average loss: | 2.8359 |
| Iteration: 522; | Percent complete: | 13.1%; | Average loss: | 2.6778 |
| Iteration: 523; | Percent complete: | 13.1%; | Average loss: | 2.4452 |
| Iteration: 524; | Percent complete: | 13.1%; | Average loss: | 2.3231 |
| Iteration: 525; | Percent complete: | 13.1%; | Average loss: | 2.5279 |
| Iteration: 526; | Percent complete: | 13.2%; | Average loss: | 2.5523 |
| Iteration: 527; | Percent complete: | 13.2%; | Average loss: | 2.5679 |
| Iteration: 528; | Percent complete: | 13.2%; | Average loss: | 2.5132 |
| Iteration: 529; | Percent complete: | 13.2%; | Average loss: | 2.7945 |
| Iteration: 530; | Percent complete: | 13.2%; | Average loss: | 2.5994 |
| Iteration: 531; | Percent complete: | 13.3%; | Average loss: | 2.4883 |
| Iteration: 532; | Percent complete: | 13.3%; | Average loss: | 2.8398 |
| Iteration: 533; | Percent complete: | 13.3%; | Average loss: | 2.5783 |
| Iteration: 534; | Percent complete: | 13.4%; | Average loss: | 2.6607 |
| Iteration: 535; | Percent complete: | 13.4%; | Average loss: | 2.8223 |
| Iteration: 536; | Percent complete: | 13.4%; | Average loss: | 2.9719 |
| Iteration: 537; | Percent complete: | 13.4%; | Average loss: | 2.8049 |
| Iteration: 538; | Percent complete: | 13.5%; | Average loss: | 2.6592 |
| Iteration: 539; | Percent complete: | 13.5%; | Average loss: | 2.2559 |
| Iteration: 540; | Percent complete: | 13.5%; | Average loss: | 2.7789 |
| Iteration: 541; | Percent complete: | 13.5%; | Average loss: | 2.6313 |
| Iteration: 542; | Percent complete: | 13.6%; | Average loss: | 2.5371 |
| Iteration: 543; | Percent complete: | 13.6%; | Average loss: | 2.6596 |
| Iteration: 544; | Percent complete: | 13.6%; | Average loss: | 2.7314 |
| Iteration: 545; | Percent complete: | 13.6%; | Average loss: | 2.5209 |
| Iteration: 546; | Percent complete: | 13.7%; | Average loss: | 2.7387 |
| Iteration: 547; | Percent complete: | 13.7%; | Average loss: | 2.5522 |
| Iteration: 548; | Percent complete: | 13.7%; | Average loss: | 2.6233 |
| Iteration: 549; | Percent complete: | 13.7%; | Average loss: | 2.5061 |
| Iteration: 550; | Percent complete: | 13.8%; | Average loss: | 2.7985 |
| Iteration: 551; | Percent complete: | 13.8%; | Average loss: | 2.6430 |
| Iteration: 552; | Percent complete: | 13.8%; | Average loss: | 2.6798 |
| Iteration: 553; | Percent complete: | 13.8%; | Average loss: | 2.7081 |
| Iteration: 554; | Percent complete: | 13.9%; | Average loss: | 2.5877 |
| Iteration: 555; | Percent complete: | 13.9%; | Average loss: | 2.6459 |
| Iteration: 556; | Percent complete: | 13.9%; | Average loss: | 2.7246 |
| Iteration: 557; | Percent complete: | 13.9%; | Average loss: | 2.8755 |
| Iteration: 558; | Percent complete: | 14.0%; | Average loss: | 2.5838 |
| Iteration: 559; | Percent complete: | 14.0%; | Average loss: | 2.7981 |
| Iteration: 560; | Percent complete: | 14.0%; | Average loss: | 2.8052 |
| Iteration: 561; | Percent complete: | 14.0%; | Average loss: | 2.6228 |
| Iteration: 562; | Percent complete: | 14.1%; | Average loss: | 2.5548 |
| Iteration: 563; | Percent complete: | 14.1%; | Average loss: | 2.6340 |
| Iteration: 564; | Percent complete: | 14.1%; | Average loss: | 2.9559 |
| Iteration: 565; | Percent complete: | 14.1%; | Average loss: | 2.6005 |
| Iteration: 566; | Percent complete: | 14.1%; | Average loss: | 2.6512 |
| Iteration: 567; | Percent complete: | 14.2%; | Average loss: | 2.4799 |
| Iteration: 568; | Percent complete: | 14.2%; | Average loss: | 2.7396 |
| Iteration: 569; | Percent complete: | 14.2%; | Average loss: | 2.6311 |
| Iteration: 570; | Percent complete: | 14.2%; | Average loss: | 2.5371 |
| Iteration: 571; | Percent complete: | 14.3%; | Average loss: | 2.8664 |
| Iteration: 572; | Percent complete: | 14.3%; | Average loss: | 2.6929 |
| Iteration: 573; | Percent complete: | 14.3%; | Average loss: | 2.6885 |
| Iteration: 574; | Percent complete: | 14.3%; | Average loss: | 2.6204 |
| Iteration: 575; | Percent complete: | 14.4%; | Average loss: | 2.4390 |
| Iteration: 576; | Percent complete: | 14.4%; | Average loss: | 2.5928 |
| Iteration: 577; | Percent complete: | 14.4%; | Average loss: | 2.4445 |
| Iteration: 578; | Percent complete: | 14.4%; | Average loss: | 2.3898 |
| Iteration: 579; | Percent complete: | 14.5%; | Average loss: | 2.7129 |
| Iteration: 580; | Percent complete: | 14.5%; | Average loss: | 2.5420 |
| Iteration: 581; | Percent complete: | 14.5%; | Average loss: | 2.3808 |
| Iteration: 582; | Percent complete: | 14.5%; | Average loss: | 2.8413 |
| Iteration: 583; | Percent complete: | 14.6%; | Average loss: | 2.6144 |
| Iteration: 584; | Percent complete: | 14.6%; | Average loss: | 2.8468 |
| Iteration: 585; | Percent complete: | 14.6%; | Average loss: | 2.5406 |
| Iteration: 586; | Percent complete: | 14.6%; | Average loss: | 2.5229 |
| Iteration: 587; | Percent complete: | 14.7%; | Average loss: | 2.4081 |
| Iteration: 588; | Percent complete: | 14.7%; | Average loss: | 2.496  |

|                 |                   |        |               |        |
|-----------------|-------------------|--------|---------------|--------|
| Iteration: 598; | Percent complete: | 14.9%; | Average loss: | 2.6307 |
| Iteration: 599; | Percent complete: | 15.0%; | Average loss: | 2.8007 |
| Iteration: 600; | Percent complete: | 15.0%; | Average loss: | 2.8085 |
| Iteration: 601; | Percent complete: | 15.0%; | Average loss: | 2.8147 |
| Iteration: 602; | Percent complete: | 15.0%; | Average loss: | 2.5590 |
| Iteration: 603; | Percent complete: | 15.1%; | Average loss: | 2.6232 |
| Iteration: 604; | Percent complete: | 15.1%; | Average loss: | 2.6108 |
| Iteration: 605; | Percent complete: | 15.1%; | Average loss: | 2.8397 |
| Iteration: 606; | Percent complete: | 15.2%; | Average loss: | 2.7585 |
| Iteration: 607; | Percent complete: | 15.2%; | Average loss: | 2.6259 |
| Iteration: 608; | Percent complete: | 15.2%; | Average loss: | 2.5858 |
| Iteration: 609; | Percent complete: | 15.2%; | Average loss: | 2.7305 |
| Iteration: 610; | Percent complete: | 15.2%; | Average loss: | 2.7402 |
| Iteration: 611; | Percent complete: | 15.3%; | Average loss: | 2.6256 |
| Iteration: 612; | Percent complete: | 15.3%; | Average loss: | 2.5790 |
| Iteration: 613; | Percent complete: | 15.3%; | Average loss: | 2.5771 |
| Iteration: 614; | Percent complete: | 15.3%; | Average loss: | 2.3157 |
| Iteration: 615; | Percent complete: | 15.4%; | Average loss: | 2.5344 |
| Iteration: 616; | Percent complete: | 15.4%; | Average loss: | 2.5387 |
| Iteration: 617; | Percent complete: | 15.4%; | Average loss: | 2.5686 |
| Iteration: 618; | Percent complete: | 15.4%; | Average loss: | 2.7059 |
| Iteration: 619; | Percent complete: | 15.5%; | Average loss: | 2.6797 |
| Iteration: 620; | Percent complete: | 15.5%; | Average loss: | 2.5101 |
| Iteration: 621; | Percent complete: | 15.5%; | Average loss: | 2.5320 |
| Iteration: 622; | Percent complete: | 15.6%; | Average loss: | 2.4013 |
| Iteration: 623; | Percent complete: | 15.6%; | Average loss: | 2.5541 |
| Iteration: 624; | Percent complete: | 15.6%; | Average loss: | 2.7421 |
| Iteration: 625; | Percent complete: | 15.6%; | Average loss: | 2.6943 |
| Iteration: 626; | Percent complete: | 15.7%; | Average loss: | 2.6619 |
| Iteration: 627; | Percent complete: | 15.7%; | Average loss: | 2.8040 |
| Iteration: 628; | Percent complete: | 15.7%; | Average loss: | 2.5036 |
| Iteration: 629; | Percent complete: | 15.7%; | Average loss: | 2.6973 |
| Iteration: 630; | Percent complete: | 15.8%; | Average loss: | 2.6561 |
| Iteration: 631; | Percent complete: | 15.8%; | Average loss: | 2.6178 |
| Iteration: 632; | Percent complete: | 15.8%; | Average loss: | 2.6307 |
| Iteration: 633; | Percent complete: | 15.8%; | Average loss: | 2.8885 |
| Iteration: 634; | Percent complete: | 15.8%; | Average loss: | 2.4904 |
| Iteration: 635; | Percent complete: | 15.9%; | Average loss: | 2.5292 |
| Iteration: 636; | Percent complete: | 15.9%; | Average loss: | 2.7023 |
| Iteration: 637; | Percent complete: | 15.9%; | Average loss: | 2.6179 |
| Iteration: 638; | Percent complete: | 16.0%; | Average loss: | 2.8094 |
| Iteration: 639; | Percent complete: | 16.0%; | Average loss: | 2.8178 |
| Iteration: 640; | Percent complete: | 16.0%; | Average loss: | 2.5081 |
| Iteration: 641; | Percent complete: | 16.0%; | Average loss: | 2.6139 |
| Iteration: 642; | Percent complete: | 16.1%; | Average loss: | 2.6475 |
| Iteration: 643; | Percent complete: | 16.1%; | Average loss: | 2.8234 |
| Iteration: 644; | Percent complete: | 16.1%; | Average loss: | 2.4445 |
| Iteration: 645; | Percent complete: | 16.1%; | Average loss: | 2.5239 |
| Iteration: 646; | Percent complete: | 16.2%; | Average loss: | 2.6354 |
| Iteration: 647; | Percent complete: | 16.2%; | Average loss: | 2.7249 |
| Iteration: 648; | Percent complete: | 16.2%; | Average loss: | 2.5663 |
| Iteration: 649; | Percent complete: | 16.2%; | Average loss: | 2.7724 |
| Iteration: 650; | Percent complete: | 16.2%; | Average loss: | 2.5770 |
| Iteration: 651; | Percent complete: | 16.3%; | Average loss: | 2.4760 |
| Iteration: 652; | Percent complete: | 16.3%; | Average loss: | 2.3672 |
| Iteration: 653; | Percent complete: | 16.3%; | Average loss: | 2.7421 |
| Iteration: 654; | Percent complete: | 16.4%; | Average loss: | 2.5777 |
| Iteration: 655; | Percent complete: | 16.4%; | Average loss: | 2.8483 |
| Iteration: 656; | Percent complete: | 16.4%; | Average loss: | 2.6570 |
| Iteration: 657; | Percent complete: | 16.4%; | Average loss: | 2.5746 |
| Iteration: 658; | Percent complete: | 16.4%; | Average loss: | 2.5327 |
| Iteration: 659; | Percent complete: | 16.5%; | Average loss: | 2.7056 |
| Iteration: 660; | Percent complete: | 16.5%; | Average loss: | 2.7201 |
| Iteration: 661; | Percent complete: | 16.5%; | Average loss: | 2.6518 |
| Iteration: 662; | Percent complete: | 16.6%; | Average loss: | 2.5926 |
| Iteration: 663; | Percent complete: | 16.6%; | Average loss: | 2.5082 |
| Iteration: 664; | Percent complete: | 16.6%; | Average loss: | 2.7164 |
| Iteration: 665; | Percent complete: | 16.6%; | Average loss: | 2.4949 |
| Iteration: 666; | Percent complete: | 16.7%; | Average loss: | 2.6537 |
| Iteration: 667; | Percent complete: | 16.7%; | Average loss: | 2.5202 |
| Iteration: 668; | Percent complete: | 16.7%; | Average loss: | 2.7024 |
| Iteration: 669; | Percent complete: | 16.7%; | Average loss: | 2.5870 |
| Iteration: 670; | Percent complete: | 16.8%; | Average loss: | 2.2970 |
| Iteration: 671; | Percent complete: | 16.8%; | Average loss: | 2.4702 |
| Iteration: 672; | Percent complete: | 16.8%; | Average loss: | 2.6875 |
| Iteration: 673; | Percent complete: | 16.8%; | Average loss: | 2.7036 |
| Iteration: 674; | Percent complete: | 16.9%; | Average loss: | 2.3574 |
| Iteration: 675; | Percent complete: | 16.9%; | Average loss: | 2.8466 |
| Iteration: 676; | Percent complete: | 16.9%; | Average loss: | 2.6423 |
| Iteration: 677; | Percent complete: | 16.9%; | Average loss: | 2.7962 |
| Iteration: 678; | Percent complete: | 17.0%; | Average loss: | 2.6008 |
| Iteration: 679; | Percent complete: | 17.0%; | Average loss: | 2.456  |

|            |      |         |           |        |         |       |        |
|------------|------|---------|-----------|--------|---------|-------|--------|
| Iteration: | 689; | Percent | complete: | 17.2%; | Average | loss: | 2.5726 |
| Iteration: | 690; | Percent | complete: | 17.2%; | Average | loss: | 2.3939 |
| Iteration: | 691; | Percent | complete: | 17.3%; | Average | loss: | 2.4423 |
| Iteration: | 692; | Percent | complete: | 17.3%; | Average | loss: | 2.6638 |
| Iteration: | 693; | Percent | complete: | 17.3%; | Average | loss: | 2.5373 |
| Iteration: | 694; | Percent | complete: | 17.3%; | Average | loss: | 2.6180 |
| Iteration: | 695; | Percent | complete: | 17.4%; | Average | loss: | 2.8002 |
| Iteration: | 696; | Percent | complete: | 17.4%; | Average | loss: | 2.5082 |
| Iteration: | 697; | Percent | complete: | 17.4%; | Average | loss: | 2.4654 |
| Iteration: | 698; | Percent | complete: | 17.4%; | Average | loss: | 2.5199 |
| Iteration: | 699; | Percent | complete: | 17.5%; | Average | loss: | 2.7405 |
| Iteration: | 700; | Percent | complete: | 17.5%; | Average | loss: | 2.5516 |
| Iteration: | 701; | Percent | complete: | 17.5%; | Average | loss: | 2.8754 |
| Iteration: | 702; | Percent | complete: | 17.5%; | Average | loss: | 2.6470 |
| Iteration: | 703; | Percent | complete: | 17.6%; | Average | loss: | 2.4783 |
| Iteration: | 704; | Percent | complete: | 17.6%; | Average | loss: | 2.5872 |
| Iteration: | 705; | Percent | complete: | 17.6%; | Average | loss: | 2.5806 |
| Iteration: | 706; | Percent | complete: | 17.6%; | Average | loss: | 2.6131 |
| Iteration: | 707; | Percent | complete: | 17.7%; | Average | loss: | 2.6248 |
| Iteration: | 708; | Percent | complete: | 17.7%; | Average | loss: | 2.8941 |
| Iteration: | 709; | Percent | complete: | 17.7%; | Average | loss: | 2.4812 |
| Iteration: | 710; | Percent | complete: | 17.8%; | Average | loss: | 2.7362 |
| Iteration: | 711; | Percent | complete: | 17.8%; | Average | loss: | 2.5230 |
| Iteration: | 712; | Percent | complete: | 17.8%; | Average | loss: | 2.2786 |
| Iteration: | 713; | Percent | complete: | 17.8%; | Average | loss: | 2.4749 |
| Iteration: | 714; | Percent | complete: | 17.8%; | Average | loss: | 2.4509 |
| Iteration: | 715; | Percent | complete: | 17.9%; | Average | loss: | 2.8020 |
| Iteration: | 716; | Percent | complete: | 17.9%; | Average | loss: | 2.8191 |
| Iteration: | 717; | Percent | complete: | 17.9%; | Average | loss: | 2.6622 |
| Iteration: | 718; | Percent | complete: | 17.9%; | Average | loss: | 2.5284 |
| Iteration: | 719; | Percent | complete: | 18.0%; | Average | loss: | 2.9024 |
| Iteration: | 720; | Percent | complete: | 18.0%; | Average | loss: | 2.4337 |
| Iteration: | 721; | Percent | complete: | 18.0%; | Average | loss: | 2.7046 |
| Iteration: | 722; | Percent | complete: | 18.1%; | Average | loss: | 2.3826 |
| Iteration: | 723; | Percent | complete: | 18.1%; | Average | loss: | 2.6003 |
| Iteration: | 724; | Percent | complete: | 18.1%; | Average | loss: | 2.5663 |
| Iteration: | 725; | Percent | complete: | 18.1%; | Average | loss: | 2.5023 |
| Iteration: | 726; | Percent | complete: | 18.1%; | Average | loss: | 2.6949 |
| Iteration: | 727; | Percent | complete: | 18.2%; | Average | loss: | 2.7859 |
| Iteration: | 728; | Percent | complete: | 18.2%; | Average | loss: | 2.6060 |
| Iteration: | 729; | Percent | complete: | 18.2%; | Average | loss: | 2.3783 |
| Iteration: | 730; | Percent | complete: | 18.2%; | Average | loss: | 2.5840 |
| Iteration: | 731; | Percent | complete: | 18.3%; | Average | loss: | 2.6556 |
| Iteration: | 732; | Percent | complete: | 18.3%; | Average | loss: | 2.5861 |
| Iteration: | 733; | Percent | complete: | 18.3%; | Average | loss: | 2.8002 |
| Iteration: | 734; | Percent | complete: | 18.4%; | Average | loss: | 2.6849 |
| Iteration: | 735; | Percent | complete: | 18.4%; | Average | loss: | 2.5890 |
| Iteration: | 736; | Percent | complete: | 18.4%; | Average | loss: | 2.5297 |
| Iteration: | 737; | Percent | complete: | 18.4%; | Average | loss: | 2.5643 |
| Iteration: | 738; | Percent | complete: | 18.4%; | Average | loss: | 2.5050 |
| Iteration: | 739; | Percent | complete: | 18.5%; | Average | loss: | 2.4637 |
| Iteration: | 740; | Percent | complete: | 18.5%; | Average | loss: | 2.4732 |
| Iteration: | 741; | Percent | complete: | 18.5%; | Average | loss: | 2.6947 |
| Iteration: | 742; | Percent | complete: | 18.6%; | Average | loss: | 2.6756 |
| Iteration: | 743; | Percent | complete: | 18.6%; | Average | loss: | 2.7169 |
| Iteration: | 744; | Percent | complete: | 18.6%; | Average | loss: | 2.5971 |
| Iteration: | 745; | Percent | complete: | 18.6%; | Average | loss: | 2.5956 |
| Iteration: | 746; | Percent | complete: | 18.6%; | Average | loss: | 2.2735 |
| Iteration: | 747; | Percent | complete: | 18.7%; | Average | loss: | 2.8085 |
| Iteration: | 748; | Percent | complete: | 18.7%; | Average | loss: | 2.7501 |
| Iteration: | 749; | Percent | complete: | 18.7%; | Average | loss: | 2.6789 |
| Iteration: | 750; | Percent | complete: | 18.8%; | Average | loss: | 2.7294 |
| Iteration: | 751; | Percent | complete: | 18.8%; | Average | loss: | 2.3633 |
| Iteration: | 752; | Percent | complete: | 18.8%; | Average | loss: | 2.7169 |
| Iteration: | 753; | Percent | complete: | 18.8%; | Average | loss: | 2.5713 |

|            |      |         |           |        |         |       |        |
|------------|------|---------|-----------|--------|---------|-------|--------|
| Iteration: | 780; | Percent | complete: | 19.3%; | Average | loss: | 2.6324 |
| Iteration: | 781; | Percent | complete: | 19.5%; | Average | loss: | 2.8416 |
| Iteration: | 782; | Percent | complete: | 19.6%; | Average | loss: | 2.7166 |
| Iteration: | 783; | Percent | complete: | 19.6%; | Average | loss: | 2.5900 |
| Iteration: | 784; | Percent | complete: | 19.6%; | Average | loss: | 2.6294 |
| Iteration: | 785; | Percent | complete: | 19.6%; | Average | loss: | 2.5808 |
| Iteration: | 786; | Percent | complete: | 19.7%; | Average | loss: | 2.5709 |
| Iteration: | 787; | Percent | complete: | 19.7%; | Average | loss: | 2.7347 |
| Iteration: | 788; | Percent | complete: | 19.7%; | Average | loss: | 2.6928 |
| Iteration: | 789; | Percent | complete: | 19.7%; | Average | loss: | 2.6821 |
| Iteration: | 790; | Percent | complete: | 19.8%; | Average | loss: | 2.4371 |
| Iteration: | 791; | Percent | complete: | 19.8%; | Average | loss: | 2.4923 |
| Iteration: | 792; | Percent | complete: | 19.8%; | Average | loss: | 2.6558 |
| Iteration: | 793; | Percent | complete: | 19.8%; | Average | loss: | 2.8455 |
| Iteration: | 794; | Percent | complete: | 19.9%; | Average | loss: | 2.8758 |
| Iteration: | 795; | Percent | complete: | 19.9%; | Average | loss: | 2.3622 |
| Iteration: | 796; | Percent | complete: | 19.9%; | Average | loss: | 2.4387 |
| Iteration: | 797; | Percent | complete: | 19.9%; | Average | loss: | 2.7794 |
| Iteration: | 798; | Percent | complete: | 20.0%; | Average | loss: | 2.8138 |
| Iteration: | 799; | Percent | complete: | 20.0%; | Average | loss: | 2.5401 |
| Iteration: | 800; | Percent | complete: | 20.0%; | Average | loss: | 2.8841 |
| Iteration: | 801; | Percent | complete: | 20.0%; | Average | loss: | 2.5825 |
| Iteration: | 802; | Percent | complete: | 20.1%; | Average | loss: | 2.6347 |
| Iteration: | 803; | Percent | complete: | 20.1%; | Average | loss: | 2.6295 |
| Iteration: | 804; | Percent | complete: | 20.1%; | Average | loss: | 2.7265 |
| Iteration: | 805; | Percent | complete: | 20.1%; | Average | loss: | 2.6267 |
| Iteration: | 806; | Percent | complete: | 20.2%; | Average | loss: | 2.4040 |
| Iteration: | 807; | Percent | complete: | 20.2%; | Average | loss: | 2.6731 |
| Iteration: | 808; | Percent | complete: | 20.2%; | Average | loss: | 2.5728 |
| Iteration: | 809; | Percent | complete: | 20.2%; | Average | loss: | 2.5755 |
| Iteration: | 810; | Percent | complete: | 20.2%; | Average | loss: | 2.2651 |
| Iteration: | 811; | Percent | complete: | 20.3%; | Average | loss: | 2.8075 |
| Iteration: | 812; | Percent | complete: | 20.3%; | Average | loss: | 2.5148 |
| Iteration: | 813; | Percent | complete: | 20.3%; | Average | loss: | 2.8118 |
| Iteration: | 814; | Percent | complete: | 20.3%; | Average | loss: | 2.4733 |
| Iteration: | 815; | Percent | complete: | 20.4%; | Average | loss: | 2.6173 |
| Iteration: | 816; | Percent | complete: | 20.4%; | Average | loss: | 2.8440 |
| Iteration: | 817; | Percent | complete: | 20.4%; | Average | loss: | 2.1363 |
| Iteration: | 818; | Percent | complete: | 20.4%; | Average | loss: | 2.9738 |
| Iteration: | 819; | Percent | complete: | 20.5%; | Average | loss: | 2.5206 |
| Iteration: | 820; | Percent | complete: | 20.5%; | Average | loss: | 2.7754 |
| Iteration: | 821; | Percent | complete: | 20.5%; | Average | loss: | 2.8753 |
| Iteration: | 822; | Percent | complete: | 20.5%; | Average | loss: | 2.5346 |
| Iteration: | 823; | Percent | complete: | 20.6%; | Average | loss: | 2.4867 |
| Iteration: | 824; | Percent | complete: | 20.6%; | Average | loss: | 2.7926 |
| Iteration: | 825; | Percent | complete: | 20.6%; | Average | loss: | 2.4306 |
| Iteration: | 826; | Percent | complete: | 20.6%; | Average | loss: | 2.3915 |
| Iteration: | 827; | Percent | complete: | 20.7%; | Average | loss: | 2.5352 |
| Iteration: | 828; | Percent | complete: | 20.7%; | Average | loss: | 2.6102 |
| Iteration: | 829; | Percent | complete: | 20.7%; | Average | loss: | 2.4301 |
| Iteration: | 830; | Percent | complete: | 20.8%; | Average | loss: | 2.6119 |
| Iteration: | 831; | Percent | complete: | 20.8%; | Average | loss: | 2.7307 |
| Iteration: | 832; | Percent | complete: | 20.8%; | Average | loss: | 2.4467 |
| Iteration: | 833; | Percent | complete: | 20.8%; | Average | loss: | 2.5124 |
| Iteration: | 834; | Percent | complete: | 20.8%; | Average | loss: | 2.4549 |
| Iteration: | 835; | Percent | complete: | 20.9%; | Average | loss: | 2.6098 |
| Iteration: | 836; | Percent | complete: | 20.9%; | Average | loss: | 2.7164 |
| Iteration: | 837; | Percent | complete: | 20.9%; | Average | loss: | 2.5560 |
| Iteration: | 838; | Percent | complete: | 20.9%; | Average | loss: | 2.4842 |
| Iteration: | 839; | Percent | complete: | 21.0%; | Average | loss: | 2.5438 |
| Iteration: | 840; | Percent | complete: | 21.0%; | Average | loss: | 2.7793 |
| Iteration: | 841; | Percent | complete: | 21.0%; | Average | loss: | 2.6969 |
| Iteration: | 842; | Percent | complete: | 21.1%; | Average | loss: | 2.4424 |
| Iteration: | 843; | Percent | complete: | 21.1%; | Average | loss: | 2.7879 |
| Iteration: | 844; | Percent | complete: | 21.1%; | Average | loss: | 2.6773 |

|                 |                   |        |               |        |
|-----------------|-------------------|--------|---------------|--------|
| Iteration: 872; | Percent complete: | 21.8%; | Average loss: | 2.7476 |
| Iteration: 873; | Percent complete: | 21.8%; | Average loss: | 2.5290 |
| Iteration: 874; | Percent complete: | 21.9%; | Average loss: | 2.4575 |
| Iteration: 875; | Percent complete: | 21.9%; | Average loss: | 2.5116 |
| Iteration: 876; | Percent complete: | 21.9%; | Average loss: | 2.9316 |
| Iteration: 877; | Percent complete: | 21.9%; | Average loss: | 2.4206 |
| Iteration: 878; | Percent complete: | 21.9%; | Average loss: | 2.6497 |
| Iteration: 879; | Percent complete: | 22.0%; | Average loss: | 2.7245 |
| Iteration: 880; | Percent complete: | 22.0%; | Average loss: | 2.5100 |
| Iteration: 881; | Percent complete: | 22.0%; | Average loss: | 2.6859 |
| Iteration: 882; | Percent complete: | 22.1%; | Average loss: | 2.6048 |
| Iteration: 883; | Percent complete: | 22.1%; | Average loss: | 2.6200 |
| Iteration: 884; | Percent complete: | 22.1%; | Average loss: | 2.4015 |
| Iteration: 885; | Percent complete: | 22.1%; | Average loss: | 2.5334 |
| Iteration: 886; | Percent complete: | 22.1%; | Average loss: | 2.7071 |
| Iteration: 887; | Percent complete: | 22.2%; | Average loss: | 2.6708 |
| Iteration: 888; | Percent complete: | 22.2%; | Average loss: | 2.7469 |
| Iteration: 889; | Percent complete: | 22.2%; | Average loss: | 2.6622 |
| Iteration: 890; | Percent complete: | 22.2%; | Average loss: | 2.6365 |
| Iteration: 891; | Percent complete: | 22.3%; | Average loss: | 2.6469 |
| Iteration: 892; | Percent complete: | 22.3%; | Average loss: | 2.5707 |
| Iteration: 893; | Percent complete: | 22.3%; | Average loss: | 2.6683 |
| Iteration: 894; | Percent complete: | 22.4%; | Average loss: | 2.5988 |
| Iteration: 895; | Percent complete: | 22.4%; | Average loss: | 2.4517 |
| Iteration: 896; | Percent complete: | 22.4%; | Average loss: | 2.5374 |
| Iteration: 897; | Percent complete: | 22.4%; | Average loss: | 2.6046 |
| Iteration: 898; | Percent complete: | 22.4%; | Average loss: | 2.5371 |
| Iteration: 899; | Percent complete: | 22.5%; | Average loss: | 2.5340 |
| Iteration: 900; | Percent complete: | 22.5%; | Average loss: | 2.5487 |
| Iteration: 901; | Percent complete: | 22.5%; | Average loss: | 2.5752 |
| Iteration: 902; | Percent complete: | 22.6%; | Average loss: | 2.7174 |
| Iteration: 903; | Percent complete: | 22.6%; | Average loss: | 2.7435 |
| Iteration: 904; | Percent complete: | 22.6%; | Average loss: | 2.7024 |
| Iteration: 905; | Percent complete: | 22.6%; | Average loss: | 2.7177 |
| Iteration: 906; | Percent complete: | 22.7%; | Average loss: | 2.5108 |
| Iteration: 907; | Percent complete: | 22.7%; | Average loss: | 2.8300 |
| Iteration: 908; | Percent complete: | 22.7%; | Average loss: | 2.6306 |
| Iteration: 909; | Percent complete: | 22.7%; | Average loss: | 2.4968 |
| Iteration: 910; | Percent complete: | 22.8%; | Average loss: | 2.5596 |
| Iteration: 911; | Percent complete: | 22.8%; | Average loss: | 2.6817 |
| Iteration: 912; | Percent complete: | 22.8%; | Average loss: | 2.6010 |
| Iteration: 913; | Percent complete: | 22.8%; | Average loss: | 2.5952 |
| Iteration: 914; | Percent complete: | 22.9%; | Average loss: | 2.7655 |
| Iteration: 915; | Percent complete: | 22.9%; | Average loss: | 2.6673 |
| Iteration: 916; | Percent complete: | 22.9%; | Average loss: | 2.4779 |
| Iteration: 917; | Percent complete: | 22.9%; | Average loss: | 2.6739 |
| Iteration: 918; | Percent complete: | 22.9%; | Average loss: | 2.6491 |
| Iteration: 919; | Percent complete: | 23.0%; | Average loss: | 2.4819 |
| Iteration: 920; | Percent complete: | 23.0%; | Average loss: | 2.6106 |
| Iteration: 921; | Percent complete: | 23.0%; | Average loss: | 2.7191 |
| Iteration: 922; | Percent complete: | 23.1%; | Average loss: | 2.4441 |
| Iteration: 923; | Percent complete: | 23.1%; | Average loss: | 2.6101 |
| Iteration: 924; | Percent complete: | 23.1%; | Average loss: | 2.6357 |
| Iteration: 925; | Percent complete: | 23.1%; | Average loss: | 2.5048 |
| Iteration: 926; | Percent complete: | 23.2%; | Average loss: | 2.4165 |
| Iteration: 927; | Percent complete: | 23.2%; | Average loss: | 2.6192 |
| Iteration: 928; | Percent complete: | 23.2%; | Average loss: | 2.7375 |
| Iteration: 929; | Percent complete: | 23.2%; | Average loss: | 2.7472 |
| Iteration: 930; | Percent complete: | 23.2%; | Average loss: | 2.5554 |
| Iteration: 931; | Percent complete: | 23.3%; | Average loss: | 2.5983 |
| Iteration: 932; | Percent complete: | 23.3%; | Average loss: | 2.7243 |
| Iteration: 933; | Percent complete: | 23.3%; | Average loss: | 2.6433 |
| Iteration: 934; | Percent complete: | 23.4%; | Average loss: | 2.4931 |
| Iteration: 935; | Percent complete: | 23.4%; | Average loss: | 2.6735 |
| Iteration: 936; | Percent complete: | 23.4%; | Average loss: | 2.7485 |
| Iteration: 937; | Percent complete: | 23.4%; | Average loss: | 2.7555 |
| Iteration: 938; | Percent complete: | 23.4%; | Average loss: | 2.6939 |
| Iteration: 939; | Percent complete: | 23.5%; | Average loss: | 2.6629 |
| Iteration: 940; | Percent complete: | 23.5%; | Average loss: | 2.7290 |
| Iteration: 941; | Percent complete: | 23.5%; | Average loss: | 2.6965 |
| Iteration: 942; | Percent complete: | 23.5%; | Average loss: | 2.8423 |
| Iteration: 943; | Percent complete: | 23.6%; | Average loss: | 2.4670 |
| Iteration: 944; | Percent complete: | 23.6%; | Average loss: | 2.6007 |
| Iteration: 945; | Percent complete: | 23.6%; | Average loss: | 2.6482 |
| Iteration: 946; | Percent complete: | 23.6%; | Average loss: | 2.6755 |
| Iteration: 947; | Percent complete: | 23.7%; | Average loss: | 2.4725 |
| Iteration: 948; | Percent complete: | 23.7%; | Average loss: | 2.5511 |
| Iteration: 949; | Percent complete: | 23.7%; | Average loss: | 2.5395 |
| Iteration: 950; | Percent complete: | 23.8%; | Average loss: | 2.6210 |
| Iteration: 951; | Percent complete: | 23.8%; | Average loss: | 2.6430 |
| Iteration: 952; | Percent complete: | 23.8%; | Average loss: | 2.7255 |
| Iteration: 953; | Percent complete: | 23.8%; | Average loss: | 2.367  |

|                  |                   |        |               |        |
|------------------|-------------------|--------|---------------|--------|
| Iteration: 963;  | Percent complete: | 24.1%; | Average loss: | 2.5075 |
| Iteration: 964;  | Percent complete: | 24.1%; | Average loss: | 2.9080 |
| Iteration: 965;  | Percent complete: | 24.1%; | Average loss: | 2.8573 |
| Iteration: 966;  | Percent complete: | 24.1%; | Average loss: | 2.5738 |
| Iteration: 967;  | Percent complete: | 24.2%; | Average loss: | 2.6403 |
| Iteration: 968;  | Percent complete: | 24.2%; | Average loss: | 2.7145 |
| Iteration: 969;  | Percent complete: | 24.2%; | Average loss: | 2.6333 |
| Iteration: 970;  | Percent complete: | 24.2%; | Average loss: | 2.6043 |
| Iteration: 971;  | Percent complete: | 24.3%; | Average loss: | 2.6451 |
| Iteration: 972;  | Percent complete: | 24.3%; | Average loss: | 2.3840 |
| Iteration: 973;  | Percent complete: | 24.3%; | Average loss: | 2.6357 |
| Iteration: 974;  | Percent complete: | 24.3%; | Average loss: | 2.5289 |
| Iteration: 975;  | Percent complete: | 24.4%; | Average loss: | 2.4858 |
| Iteration: 976;  | Percent complete: | 24.4%; | Average loss: | 2.5407 |
| Iteration: 977;  | Percent complete: | 24.4%; | Average loss: | 2.6065 |
| Iteration: 978;  | Percent complete: | 24.4%; | Average loss: | 2.5401 |
| Iteration: 979;  | Percent complete: | 24.5%; | Average loss: | 2.6165 |
| Iteration: 980;  | Percent complete: | 24.5%; | Average loss: | 2.7305 |
| Iteration: 981;  | Percent complete: | 24.5%; | Average loss: | 2.4914 |
| Iteration: 982;  | Percent complete: | 24.6%; | Average loss: | 2.6857 |
| Iteration: 983;  | Percent complete: | 24.6%; | Average loss: | 2.5657 |
| Iteration: 984;  | Percent complete: | 24.6%; | Average loss: | 2.8778 |
| Iteration: 985;  | Percent complete: | 24.6%; | Average loss: | 2.3723 |
| Iteration: 986;  | Percent complete: | 24.6%; | Average loss: | 2.6784 |
| Iteration: 987;  | Percent complete: | 24.7%; | Average loss: | 2.4376 |
| Iteration: 988;  | Percent complete: | 24.7%; | Average loss: | 2.6307 |
| Iteration: 989;  | Percent complete: | 24.7%; | Average loss: | 2.5150 |
| Iteration: 990;  | Percent complete: | 24.8%; | Average loss: | 2.5587 |
| Iteration: 991;  | Percent complete: | 24.8%; | Average loss: | 2.5181 |
| Iteration: 992;  | Percent complete: | 24.8%; | Average loss: | 2.6754 |
| Iteration: 993;  | Percent complete: | 24.8%; | Average loss: | 2.6315 |
| Iteration: 994;  | Percent complete: | 24.9%; | Average loss: | 2.5876 |
| Iteration: 995;  | Percent complete: | 24.9%; | Average loss: | 2.4945 |
| Iteration: 996;  | Percent complete: | 24.9%; | Average loss: | 2.5514 |
| Iteration: 997;  | Percent complete: | 24.9%; | Average loss: | 2.6952 |
| Iteration: 998;  | Percent complete: | 24.9%; | Average loss: | 2.6813 |
| Iteration: 999;  | Percent complete: | 25.0%; | Average loss: | 2.5917 |
| Iteration: 1000; | Percent complete: | 25.0%; | Average loss: | 2.5589 |
| Iteration: 1001; | Percent complete: | 25.0%; | Average loss: | 2.5448 |
| Iteration: 1002; | Percent complete: | 25.1%; | Average loss: | 2.5867 |
| Iteration: 1003; | Percent complete: | 25.1%; | Average loss: | 2.7874 |
| Iteration: 1004; | Percent complete: | 25.1%; | Average loss: | 2.7505 |
| Iteration: 1005; | Percent complete: | 25.1%; | Average loss: | 2.4737 |
| Iteration: 1006; | Percent complete: | 25.1%; | Average loss: | 2.6641 |
| Iteration: 1007; | Percent complete: | 25.2%; | Average loss: | 2.5399 |
| Iteration: 1008; | Percent complete: | 25.2%; | Average loss: | 2.7542 |
| Iteration: 1009; | Percent complete: | 25.2%; | Average loss: | 2.7423 |
| Iteration: 1010; | Percent complete: | 25.2%; | Average loss: | 2.6156 |
| Iteration: 1011; | Percent complete: | 25.3%; | Average loss: | 2.3626 |
| Iteration: 1012; | Percent complete: | 25.3%; | Average loss: | 2.5125 |
| Iteration: 1013; | Percent complete: | 25.3%; | Average loss: | 2.4443 |
| Iteration: 1014; | Percent complete: | 25.4%; | Average loss: | 2.6576 |
| Iteration: 1015; | Percent complete: | 25.4%; | Average loss: | 2.5705 |
| Iteration: 1016; | Percent complete: | 25.4%; | Average loss: | 2.7307 |
| Iteration: 1017; | Percent complete: | 25.4%; | Average loss: | 2.6354 |
| Iteration: 1018; | Percent complete: | 25.4%; | Average loss: | 2.5001 |
| Iteration: 1019; | Percent complete: | 25.5%; | Average loss: | 2.4647 |
| Iteration: 1020; | Percent complete: | 25.5%; | Average loss: | 2.6591 |
| Iteration: 1021; | Percent complete: | 25.5%; | Average loss: | 2.6265 |
| Iteration: 1022; | Percent complete: | 25.6%; | Average loss: | 2.5666 |
| Iteration: 1023; | Percent complete: | 25.6%; | Average loss: | 2.5255 |
| Iteration: 1024; | Percent complete: | 25.6%; | Average loss: | 2.7371 |
| Iteration: 1025; | Percent complete: | 25.6%; | Average loss: | 2.4970 |
| Iteration: 1026; | Percent complete: | 25.7%; | Average loss: | 2.4663 |
| Iteration: 1027; | Percent complete: | 25.7%; | Average loss: | 2.5782 |
| Iteration: 1028; | Percent complete: | 25.7%; | Average loss: | 2.7966 |
| Iteration: 1029; | Percent complete: | 25.7%; | Average loss: | 2.5478 |
| Iteration: 1030; | Percent complete: | 25.8%; | Average loss: | 2.9149 |
| Iteration: 1031; | Percent complete: | 25.8%; | Average loss: | 2.6176 |
| Iteration: 1032; | Percent complete: | 25.8%; | Average loss: | 2.7026 |
| Iteration: 1033; | Percent complete: | 25.8%; | Average loss: | 2.3422 |
| Iteration: 1034; | Percent complete: | 25.9%; | Average loss: | 2.7322 |
| Iteration: 1035; | Percent complete: | 25.9%; | Average loss: | 2.6903 |
| Iteration: 1036; | Percent complete: | 25.9%; | Average loss: | 2.6742 |
| Iteration: 1037; | Percent complete: | 25.9%; | Average loss: | 2.5634 |
| Iteration: 1038; | Percent complete: | 25.9%; | Average loss: | 2.6094 |
| Iteration: 1039; | Percent complete: | 26.0%; | Average loss: | 2.6527 |
| Iteration: 1040; | Percent complete: | 26.0%; | Average loss: | 2.6358 |
| Iteration: 1041; | Percent complete: | 26.0%; | Average loss: | 2.4629 |
| Iteration: 1042; | Percent complete: | 26.1%; | Average loss: | 2.7446 |
| Iteration: 1043; | Percent complete: | 26.1%; | Average loss: | 2.8554 |



|            |       |         |           |        |         |       |        |
|------------|-------|---------|-----------|--------|---------|-------|--------|
| Iteration: | 1143; | Percent | complete: | 28.6%; | Average | loss: | 2.3093 |
| Iteration: | 1146; | Percent | complete: | 28.6%; | Average | loss: | 2.7766 |
| Iteration: | 1147; | Percent | complete: | 28.7%; | Average | loss: | 2.6615 |
| Iteration: | 1148; | Percent | complete: | 28.7%; | Average | loss: | 2.5623 |
| Iteration: | 1149; | Percent | complete: | 28.7%; | Average | loss: | 2.4278 |
| Iteration: | 1150; | Percent | complete: | 28.7%; | Average | loss: | 2.6404 |
| Iteration: | 1151; | Percent | complete: | 28.8%; | Average | loss: | 2.7092 |
| Iteration: | 1152; | Percent | complete: | 28.8%; | Average | loss: | 2.5252 |
| Iteration: | 1153; | Percent | complete: | 28.8%; | Average | loss: | 2.6934 |
| Iteration: | 1154; | Percent | complete: | 28.8%; | Average | loss: | 2.5387 |
| Iteration: | 1155; | Percent | complete: | 28.9%; | Average | loss: | 2.4259 |
| Iteration: | 1156; | Percent | complete: | 28.9%; | Average | loss: | 2.7315 |
| Iteration: | 1157; | Percent | complete: | 28.9%; | Average | loss: | 2.3632 |
| Iteration: | 1158; | Percent | complete: | 28.9%; | Average | loss: | 2.5098 |
| Iteration: | 1159; | Percent | complete: | 29.0%; | Average | loss: | 2.7044 |
| Iteration: | 1160; | Percent | complete: | 29.0%; | Average | loss: | 2.7357 |
| Iteration: | 1161; | Percent | complete: | 29.0%; | Average | loss: | 2.6076 |
| Iteration: | 1162; | Percent | complete: | 29.0%; | Average | loss: | 2.7227 |
| Iteration: | 1163; | Percent | complete: | 29.1%; | Average | loss: | 2.5525 |
| Iteration: | 1164; | Percent | complete: | 29.1%; | Average | loss: | 2.4911 |
| Iteration: | 1165; | Percent | complete: | 29.1%; | Average | loss: | 2.5881 |
| Iteration: | 1166; | Percent | complete: | 29.1%; | Average | loss: | 2.5716 |
| Iteration: | 1167; | Percent | complete: | 29.2%; | Average | loss: | 2.6014 |
| Iteration: | 1168; | Percent | complete: | 29.2%; | Average | loss: | 2.6139 |
| Iteration: | 1169; | Percent | complete: | 29.2%; | Average | loss: | 2.5428 |
| Iteration: | 1170; | Percent | complete: | 29.2%; | Average | loss: | 2.5692 |
| Iteration: | 1171; | Percent | complete: | 29.3%; | Average | loss: | 2.7081 |
| Iteration: | 1172; | Percent | complete: | 29.3%; | Average | loss: | 2.5457 |
| Iteration: | 1173; | Percent | complete: | 29.3%; | Average | loss: | 2.4444 |
| Iteration: | 1174; | Percent | complete: | 29.3%; | Average | loss: | 2.5124 |
| Iteration: | 1175; | Percent | complete: | 29.4%; | Average | loss: | 2.6848 |
| Iteration: | 1176; | Percent | complete: | 29.4%; | Average | loss: | 2.6025 |
| Iteration: | 1177; | Percent | complete: | 29.4%; | Average | loss: | 2.4415 |
| Iteration: | 1178; | Percent | complete: | 29.4%; | Average | loss: | 2.7100 |
| Iteration: | 1179; | Percent | complete: | 29.5%; | Average | loss: | 2.4327 |
| Iteration: | 1180; | Percent | complete: | 29.5%; | Average | loss: | 2.6601 |
| Iteration: | 1181; | Percent | complete: | 29.5%; | Average | loss: | 2.5378 |
| Iteration: | 1182; | Percent | complete: | 29.5%; | Average | loss: | 2.5817 |
| Iteration: | 1183; | Percent | complete: | 29.6%; | Average | loss: | 2.4371 |
| Iteration: | 1184; | Percent | complete: | 29.6%; | Average | loss: | 2.8067 |
| Iteration: | 1185; | Percent | complete: | 29.6%; | Average | loss: | 2.7574 |
| Iteration: | 1186; | Percent | complete: | 29.6%; | Average | loss: | 2.3871 |
| Iteration: | 1187; | Percent | complete: | 29.7%; | Average | loss: | 2.7826 |
| Iteration: | 1188; | Percent | complete: | 29.7%; | Average | loss: | 2.7067 |
| Iteration: | 1189; | Percent | complete: | 29.7%; | Average | loss: | 2.5241 |
| Iteration: | 1190; | Percent | complete: | 29.8%; | Average | loss: | 2.9184 |
| Iteration: | 1191; | Percent | complete: | 29.8%; | Average | loss: | 2.7260 |
| Iteration: | 1192; | Percent | complete: | 29.8%; | Average | loss: | 2.6802 |
| Iteration: | 1193; | Percent | complete: | 29.8%; | Average | loss: | 2.5872 |
| Iteration: | 1194; | Percent | complete: | 29.8%; | Average | loss: | 2.3819 |
| Iteration: | 1195; | Percent | complete: | 29.9%; | Average | loss: | 2.5803 |
| Iteration: | 1196; | Percent | complete: | 29.9%; | Average | loss: | 2.5820 |
| Iteration: | 1197; | Percent | complete: | 29.9%; | Average | loss: | 2.7456 |
| Iteration: | 1198; | Percent | complete: | 29.9%; | Average | loss: | 2.4889 |
| Iteration: | 1199; | Percent | complete: | 30.0%; | Average | loss: | 2.5599 |
| Iteration: | 1200; | Percent | complete: | 30.0%; | Average | loss: | 2.8057 |
| Iteration: | 1201; | Percent | complete: | 30.0%; | Average | loss: | 2.8114 |
| Iteration: | 1202; | Percent | complete: | 30.0%; | Average | loss: | 2.5307 |
| Iteration: | 1203; | Percent | complete: | 30.1%; | Average | loss: | 2.4840 |
| Iteration: | 1204; | Percent | complete: | 30.1%; | Average | loss: | 2.6467 |
| Iteration: | 1205; | Percent | complete: | 30.1%; | Average | loss: | 2.3428 |
| Iteration: | 1206; | Percent | complete: | 30.1%; | Average | loss: | 2.8530 |
| Iteration: | 1207; | Percent | complete: | 30.2%; | Average | loss: | 2.6232 |
| Iteration: | 1208; | Percent | complete: | 30.2%; | Average | loss: | 2.7693 |







|            |       |         |           |        |         |       |        |
|------------|-------|---------|-----------|--------|---------|-------|--------|
| Iteration: | 1419; | Percent | complete: | 35.5%; | Average | loss: | 2.7786 |
| Iteration: | 1420; | Percent | complete: | 35.5%; | Average | loss: | 2.5377 |
| Iteration: | 1421; | Percent | complete: | 35.5%; | Average | loss: | 2.6300 |
| Iteration: | 1422; | Percent | complete: | 35.5%; | Average | loss: | 2.6136 |
| Iteration: | 1423; | Percent | complete: | 35.6%; | Average | loss: | 2.6558 |
| Iteration: | 1424; | Percent | complete: | 35.6%; | Average | loss: | 2.7338 |
| Iteration: | 1425; | Percent | complete: | 35.6%; | Average | loss: | 2.6306 |
| Iteration: | 1426; | Percent | complete: | 35.6%; | Average | loss: | 2.6363 |
| Iteration: | 1427; | Percent | complete: | 35.7%; | Average | loss: | 2.8023 |
| Iteration: | 1428; | Percent | complete: | 35.7%; | Average | loss: | 2.4535 |
| Iteration: | 1429; | Percent | complete: | 35.7%; | Average | loss: | 2.9095 |
| Iteration: | 1430; | Percent | complete: | 35.8%; | Average | loss: | 2.4971 |
| Iteration: | 1431; | Percent | complete: | 35.8%; | Average | loss: | 2.6529 |
| Iteration: | 1432; | Percent | complete: | 35.8%; | Average | loss: | 2.8128 |
| Iteration: | 1433; | Percent | complete: | 35.8%; | Average | loss: | 2.6792 |
| Iteration: | 1434; | Percent | complete: | 35.9%; | Average | loss: | 2.5397 |
| Iteration: | 1435; | Percent | complete: | 35.9%; | Average | loss: | 2.6870 |
| Iteration: | 1436; | Percent | complete: | 35.9%; | Average | loss: | 2.5657 |
| Iteration: | 1437; | Percent | complete: | 35.9%; | Average | loss: | 2.7986 |
| Iteration: | 1438; | Percent | complete: | 35.9%; | Average | loss: | 2.6068 |
| Iteration: | 1439; | Percent | complete: | 36.0%; | Average | loss: | 2.5722 |
| Iteration: | 1440; | Percent | complete: | 36.0%; | Average | loss: | 2.6632 |
| Iteration: | 1441; | Percent | complete: | 36.0%; | Average | loss: | 2.8781 |
| Iteration: | 1442; | Percent | complete: | 36.0%; | Average | loss: | 2.5836 |
| Iteration: | 1443; | Percent | complete: | 36.1%; | Average | loss: | 2.5740 |
| Iteration: | 1444; | Percent | complete: | 36.1%; | Average | loss: | 2.6629 |
| Iteration: | 1445; | Percent | complete: | 36.1%; | Average | loss: | 2.8229 |
| Iteration: | 1446; | Percent | complete: | 36.1%; | Average | loss: | 2.5931 |
| Iteration: | 1447; | Percent | complete: | 36.2%; | Average | loss: | 2.4833 |
| Iteration: | 1448; | Percent | complete: | 36.2%; | Average | loss: | 2.6754 |
| Iteration: | 1449; | Percent | complete: | 36.2%; | Average | loss: | 2.5640 |
| Iteration: | 1450; | Percent | complete: | 36.2%; | Average | loss: | 2.7379 |
| Iteration: | 1451; | Percent | complete: | 36.3%; | Average | loss: | 2.8540 |
| Iteration: | 1452; | Percent | complete: | 36.3%; | Average | loss: | 2.6368 |
| Iteration: | 1453; | Percent | complete: | 36.3%; | Average | loss: | 2.6743 |
| Iteration: | 1454; | Percent | complete: | 36.4%; | Average | loss: | 2.6531 |
| Iteration: | 1455; | Percent | complete: | 36.4%; | Average | loss: | 2.8876 |
| Iteration: | 1456; | Percent | complete: | 36.4%; | Average | loss: | 2.5932 |
| Iteration: | 1457; | Percent | complete: | 36.4%; | Average | loss: | 2.4638 |
| Iteration: | 1458; | Percent | complete: | 36.4%; | Average | loss: | 2.5357 |
| Iteration: | 1459; | Percent | complete: | 36.5%; | Average | loss: | 2.6377 |
| Iteration: | 1460; | Percent | complete: | 36.5%; | Average | loss: | 2.6113 |
| Iteration: | 1461; | Percent | complete: | 36.5%; | Average | loss: | 2.7458 |
| Iteration: | 1462; | Percent | complete: | 36.5%; | Average | loss: | 2.8293 |
| Iteration: | 1463; | Percent | complete: | 36.6%; | Average | loss: | 2.5640 |
| Iteration: | 1464; | Percent | complete: | 36.6%; | Average | loss: | 2.6093 |
| Iteration: | 1465; | Percent | complete: | 36.6%; | Average | loss: | 2.6221 |
| Iteration: | 1466; | Percent | complete: | 36.6%; | Average | loss: | 2.7058 |
| Iteration: | 1467; | Percent | complete: | 36.7%; | Average | loss: | 2.8169 |
| Iteration: | 1468; | Percent | complete: | 36.7%; | Average | loss: | 2.5117 |
| Iteration: | 1469; | Percent | complete: | 36.7%; | Average | loss: | 2.6388 |
| Iteration: | 1470; | Percent | complete: | 36.8%; | Average | loss: | 2.7149 |
| Iteration: | 1471; | Percent | complete: | 36.8%; | Average | loss: | 2.6229 |
| Iteration: | 1472; | Percent | complete: | 36.8%; | Average | loss: | 2.6123 |
| Iteration: | 1473; | Percent | complete: | 36.8%; | Average | loss: | 2.7093 |
| Iteration: | 1474; | Percent | complete: | 36.9%; | Average | loss: | 2.8176 |
| Iteration: | 1475; | Percent | complete: | 36.9%; | Average | loss: | 2.5292 |
| Iteration: | 1476; | Percent | complete: | 36.9%; | Average | loss: | 2.4669 |
| Iteration: | 1477; | Percent | complete: | 36.9%; | Average | loss: | 2.4640 |
| Iteration: | 1478; | Percent | complete: | 37.0%; | Average | loss: | 2.8065 |
| Iteration: | 1479; | Percent | complete: | 37.0%; | Average | loss: | 2.5417 |
| Iteration: | 1480; | Percent | complete: | 37.0%; | Average | loss: | 2.7326 |
| Iteration: | 1481; | Percent | complete: | 37.0%; | Average | loss: | 2.8567 |
| Iteration: | 1482; | Percent | complete: | 37.0%; | Average | loss: | 2.6673 |

|            |       |         |           |        |         |       |       |
|------------|-------|---------|-----------|--------|---------|-------|-------|
| Iteration: | 1510; | Percent | complete: | 37.6%; | Average | loss: | 2.588 |
| Iteration: | 1511; | Percent | complete: | 37.8%; | Average | loss: | 2.577 |
| Iteration: | 1512; | Percent | complete: | 37.8%; | Average | loss: | 2.635 |
| Iteration: | 1513; | Percent | complete: | 37.8%; | Average | loss: | 2.683 |
| Iteration: | 1514; | Percent | complete: | 37.9%; | Average | loss: | 2.519 |
| Iteration: | 1515; | Percent | complete: | 37.9%; | Average | loss: | 2.599 |
| Iteration: | 1516; | Percent | complete: | 37.9%; | Average | loss: | 2.455 |
| Iteration: | 1517; | Percent | complete: | 37.9%; | Average | loss: | 2.718 |
| Iteration: | 1518; | Percent | complete: | 38.0%; | Average | loss: | 2.611 |
| Iteration: | 1519; | Percent | complete: | 38.0%; | Average | loss: | 2.731 |
| Iteration: | 1520; | Percent | complete: | 38.0%; | Average | loss: | 2.677 |
| Iteration: | 1521; | Percent | complete: | 38.0%; | Average | loss: | 2.671 |
| Iteration: | 1522; | Percent | complete: | 38.0%; | Average | loss: | 2.922 |
| Iteration: | 1523; | Percent | complete: | 38.1%; | Average | loss: | 2.738 |
| Iteration: | 1524; | Percent | complete: | 38.1%; | Average | loss: | 2.540 |
| Iteration: | 1525; | Percent | complete: | 38.1%; | Average | loss: | 2.466 |
| Iteration: | 1526; | Percent | complete: | 38.1%; | Average | loss: | 2.464 |
| Iteration: | 1527; | Percent | complete: | 38.2%; | Average | loss: | 2.612 |
| Iteration: | 1528; | Percent | complete: | 38.2%; | Average | loss: | 2.670 |
| Iteration: | 1529; | Percent | complete: | 38.2%; | Average | loss: | 2.576 |
| Iteration: | 1530; | Percent | complete: | 38.2%; | Average | loss: | 2.760 |
| Iteration: | 1531; | Percent | complete: | 38.3%; | Average | loss: | 2.587 |
| Iteration: | 1532; | Percent | complete: | 38.3%; | Average | loss: | 2.660 |
| Iteration: | 1533; | Percent | complete: | 38.3%; | Average | loss: | 2.543 |
| Iteration: | 1534; | Percent | complete: | 38.4%; | Average | loss: | 2.624 |
| Iteration: | 1535; | Percent | complete: | 38.4%; | Average | loss: | 2.617 |
| Iteration: | 1536; | Percent | complete: | 38.4%; | Average | loss: | 2.777 |
| Iteration: | 1537; | Percent | complete: | 38.4%; | Average | loss: | 2.832 |
| Iteration: | 1538; | Percent | complete: | 38.5%; | Average | loss: | 2.351 |
| Iteration: | 1539; | Percent | complete: | 38.5%; | Average | loss: | 2.795 |
| Iteration: | 1540; | Percent | complete: | 38.5%; | Average | loss: | 2.707 |
| Iteration: | 1541; | Percent | complete: | 38.5%; | Average | loss: | 2.608 |
| Iteration: | 1542; | Percent | complete: | 38.6%; | Average | loss: | 2.655 |
| Iteration: | 1543; | Percent | complete: | 38.6%; | Average | loss: | 2.685 |
| Iteration: | 1544; | Percent | complete: | 38.6%; | Average | loss: | 2.465 |
| Iteration: | 1545; | Percent | complete: | 38.6%; | Average | loss: | 2.631 |
| Iteration: | 1546; | Percent | complete: | 38.6%; | Average | loss: | 2.694 |
| Iteration: | 1547; | Percent | complete: | 38.7%; | Average | loss: | 2.628 |
| Iteration: | 1548; | Percent | complete: | 38.7%; | Average | loss: | 2.630 |
| Iteration: | 1549; | Percent | complete: | 38.7%; | Average | loss: | 2.683 |
| Iteration: | 1550; | Percent | complete: | 38.8%; | Average | loss: | 2.527 |
| Iteration: | 1551; | Percent | complete: | 38.8%; | Average | loss: | 2.487 |
| Iteration: | 1552; | Percent | complete: | 38.8%; | Average | loss: | 2.682 |
| Iteration: | 1553; | Percent | complete: | 38.8%; | Average | loss: | 2.739 |
| Iteration: | 1554; | Percent | complete: | 38.9%; | Average | loss: | 2.730 |
| Iteration: | 1555; | Percent | complete: | 38.9%; | Average | loss: | 2.418 |
| Iteration: | 1556; | Percent | complete: | 38.9%; | Average | loss: | 2.630 |
| Iteration: | 1557; | Percent | complete: | 38.9%; | Average | loss: | 2.459 |
| Iteration: | 1558; | Percent | complete: | 39.0%; | Average | loss: | 2.622 |
| Iteration: | 1559; | Percent | complete: | 39.0%; | Average | loss: | 2.526 |
| Iteration: | 1560; | Percent | complete: | 39.0%; | Average | loss: | 2.562 |
| Iteration: | 1561; | Percent | complete: | 39.0%; | Average | loss: | 2.533 |
| Iteration: | 1562; | Percent | complete: | 39.1%; | Average | loss: | 2.472 |
| Iteration: | 1563; | Percent | complete: | 39.1%; | Average | loss: | 2.800 |
| Iteration: | 1564; | Percent | complete: | 39.1%; | Average | loss: | 2.729 |
| Iteration: | 1565; | Percent | complete: | 39.1%; | Average | loss: | 2.678 |
| Iteration: | 1566; | Percent | complete: | 39.1%; | Average | loss: | 2.683 |
| Iteration: | 1567; | Percent | complete: | 39.2%; | Average | loss: | 2.437 |
| Iteration: | 1568; | Percent | complete: | 39.2%; | Average | loss: | 2.646 |
| Iteration: | 1569; | Percent | complete: | 39.2%; | Average | loss: | 2.408 |
| Iteration: | 1570; | Percent | complete: | 39.2%; | Average | loss: | 2.561 |
| Iteration: | 1571; | Percent | complete: | 39.3%; | Average | loss: | 2.684 |
| Iteration: | 1572; | Percent | complete: | 39.3%; | Average | loss: | 2.495 |
| Iteration: | 1573; | Percent | complete: | 39.3%; | Average | loss: | 2.424 |
| Iteration: | 1574; | Percent | complete: | 39.4%; | Average | loss: | 2.558 |

|            |       |                   |        |               |        |
|------------|-------|-------------------|--------|---------------|--------|
| Iteration: | 1602; | Percent complete: | 40.1%; | Average loss: | 2.6357 |
| Iteration: | 1603; | Percent complete: | 40.1%; | Average loss: | 2.8413 |
| Iteration: | 1604; | Percent complete: | 40.1%; | Average loss: | 2.5598 |
| Iteration: | 1605; | Percent complete: | 40.1%; | Average loss: | 2.6423 |
| Iteration: | 1606; | Percent complete: | 40.2%; | Average loss: | 2.8018 |
| Iteration: | 1607; | Percent complete: | 40.2%; | Average loss: | 2.3820 |
| Iteration: | 1608; | Percent complete: | 40.2%; | Average loss: | 2.6035 |
| Iteration: | 1609; | Percent complete: | 40.2%; | Average loss: | 2.7464 |
| Iteration: | 1610; | Percent complete: | 40.2%; | Average loss: | 2.5976 |
| Iteration: | 1611; | Percent complete: | 40.3%; | Average loss: | 2.3210 |
| Iteration: | 1612; | Percent complete: | 40.3%; | Average loss: | 2.3162 |
| Iteration: | 1613; | Percent complete: | 40.3%; | Average loss: | 2.6647 |
| Iteration: | 1614; | Percent complete: | 40.4%; | Average loss: | 2.7652 |
| Iteration: | 1615; | Percent complete: | 40.4%; | Average loss: | 2.6058 |
| Iteration: | 1616; | Percent complete: | 40.4%; | Average loss: | 2.6359 |
| Iteration: | 1617; | Percent complete: | 40.4%; | Average loss: | 2.7011 |
| Iteration: | 1618; | Percent complete: | 40.5%; | Average loss: | 2.5688 |
| Iteration: | 1619; | Percent complete: | 40.5%; | Average loss: | 2.4980 |
| Iteration: | 1620; | Percent complete: | 40.5%; | Average loss: | 2.6144 |
| Iteration: | 1621; | Percent complete: | 40.5%; | Average loss: | 2.4983 |
| Iteration: | 1622; | Percent complete: | 40.6%; | Average loss: | 2.5679 |
| Iteration: | 1623; | Percent complete: | 40.6%; | Average loss: | 2.6150 |
| Iteration: | 1624; | Percent complete: | 40.6%; | Average loss: | 2.4855 |
| Iteration: | 1625; | Percent complete: | 40.6%; | Average loss: | 2.3956 |
| Iteration: | 1626; | Percent complete: | 40.6%; | Average loss: | 2.6502 |
| Iteration: | 1627; | Percent complete: | 40.7%; | Average loss: | 2.6937 |
| Iteration: | 1628; | Percent complete: | 40.7%; | Average loss: | 2.5639 |
| Iteration: | 1629; | Percent complete: | 40.7%; | Average loss: | 2.4461 |
| Iteration: | 1630; | Percent complete: | 40.8%; | Average loss: | 2.7420 |
| Iteration: | 1631; | Percent complete: | 40.8%; | Average loss: | 2.6300 |
| Iteration: | 1632; | Percent complete: | 40.8%; | Average loss: | 2.4387 |
| Iteration: | 1633; | Percent complete: | 40.8%; | Average loss: | 2.5504 |
| Iteration: | 1634; | Percent complete: | 40.8%; | Average loss: | 2.6544 |
| Iteration: | 1635; | Percent complete: | 40.9%; | Average loss: | 2.6755 |
| Iteration: | 1636; | Percent complete: | 40.9%; | Average loss: | 2.4597 |
| Iteration: | 1637; | Percent complete: | 40.9%; | Average loss: | 2.5822 |
| Iteration: | 1638; | Percent complete: | 40.9%; | Average loss: | 2.6251 |
| Iteration: | 1639; | Percent complete: | 41.0%; | Average loss: | 2.6063 |
| Iteration: | 1640; | Percent complete: | 41.0%; | Average loss: | 2.4395 |
| Iteration: | 1641; | Percent complete: | 41.0%; | Average loss: | 2.4351 |
| Iteration: | 1642; | Percent complete: | 41.0%; | Average loss: | 2.5233 |
| Iteration: | 1643; | Percent complete: | 41.1%; | Average loss: | 2.6590 |
| Iteration: | 1644; | Percent complete: | 41.1%; | Average loss: | 2.7809 |
| Iteration: | 1645; | Percent complete: | 41.1%; | Average loss: | 2.7365 |
| Iteration: | 1646; | Percent complete: | 41.1%; | Average loss: | 2.6073 |
| Iteration: | 1647; | Percent complete: | 41.2%; | Average loss: | 2.4549 |
| Iteration: | 1648; | Percent complete: | 41.2%; | Average loss: | 2.3890 |
| Iteration: | 1649; | Percent complete: | 41.2%; | Average loss: | 2.7896 |
| Iteration: | 1650; | Percent complete: | 41.2%; | Average loss: | 2.5506 |
| Iteration: | 1651; | Percent complete: | 41.3%; | Average loss: | 2.4263 |
| Iteration: | 1652; | Percent complete: | 41.3%; | Average loss: | 2.5827 |
| Iteration: | 1653; | Percent complete: | 41.3%; | Average loss: | 2.6034 |
| Iteration: | 1654; | Percent complete: | 41.3%; | Average loss: | 2.7020 |
| Iteration: | 1655; | Percent complete: | 41.4%; | Average loss: | 2.4795 |
| Iteration: | 1656; | Percent complete: | 41.4%; | Average loss: | 2.4390 |
| Iteration: | 1657; | Percent complete: | 41.4%; | Average loss: | 2.6824 |
| Iteration: | 1658; | Percent complete: | 41.4%; | Average loss: | 2.5564 |
| Iteration: | 1659; | Percent complete: | 41.5%; | Average loss: | 2.5028 |
| Iteration: | 1660; | Percent complete: | 41.5%; | Average loss: | 2.6053 |
| Iteration: | 1661; | Percent complete: | 41.5%; | Average loss: | 2.6616 |
| Iteration: | 1662; | Percent complete: | 41.5%; | Average loss: | 2.7860 |
| Iteration: | 1663; | Percent complete: | 41.6%; | Average loss: | 2.5663 |
| Iteration: | 1664; | Percent complete: | 41.6%; | Average loss: | 2.4956 |
| Iteration: | 1665; | Percent complete: | 41.6%; | Average loss: | 2.3353 |
| Iteration: | 1666; | Percent complete: | 41.6%; | Average loss: | 2.5104 |
| Iteration: | 1667; | Percent complete: | 41.7%; | Average loss: | 2.3327 |
| Iteration: | 1668; | Percent complete: | 41.7%; | Average loss: | 2.6077 |
| Iteration: | 1669; | Percent complete: | 41.7%; | Average loss: | 2.4630 |
| Iteration: | 1670; | Percent complete: | 41.8%; | Average loss: | 2.6103 |
| Iteration: | 1671; | Percent complete: | 41.8%; | Average loss: | 2.4179 |
| Iteration: | 1672; | Percent complete: | 41.8%; | Average loss: | 2.5272 |
| Iteration: | 1673; | Percent complete: | 41.8%; | Average loss: | 2.5801 |
| Iteration: | 1674; | Percent complete: | 41.9%; | Average loss: | 2.5164 |
| Iteration: | 1675; | Percent complete: | 41.9%; | Average loss: | 2.7643 |
| Iteration: | 1676; | Percent complete: | 41.9%; | Average loss: | 2.5689 |
| Iteration: | 1677; | Percent complete: | 41.9%; | Average loss: | 2      |



|            |       |                   |        |               |        |
|------------|-------|-------------------|--------|---------------|--------|
| Iteration: | 1784; | Percent complete: | 44.6%; | Average loss: | 2.5595 |
| Iteration: | 1785; | Percent complete: | 44.6%; | Average loss: | 2.4731 |
| Iteration: | 1786; | Percent complete: | 44.6%; | Average loss: | 2.4883 |
| Iteration: | 1787; | Percent complete: | 44.7%; | Average loss: | 2.8762 |
| Iteration: | 1788; | Percent complete: | 44.7%; | Average loss: | 2.4356 |
| Iteration: | 1789; | Percent complete: | 44.7%; | Average loss: | 2.5672 |
| Iteration: | 1790; | Percent complete: | 44.8%; | Average loss: | 2.6995 |
| Iteration: | 1791; | Percent complete: | 44.8%; | Average loss: | 2.7359 |
| Iteration: | 1792; | Percent complete: | 44.8%; | Average loss: | 2.9593 |
| Iteration: | 1793; | Percent complete: | 44.8%; | Average loss: | 2.6291 |
| Iteration: | 1794; | Percent complete: | 44.9%; | Average loss: | 2.5946 |
| Iteration: | 1795; | Percent complete: | 44.9%; | Average loss: | 2.5897 |
| Iteration: | 1796; | Percent complete: | 44.9%; | Average loss: | 2.7009 |
| Iteration: | 1797; | Percent complete: | 44.9%; | Average loss: | 2.4349 |
| Iteration: | 1798; | Percent complete: | 45.0%; | Average loss: | 2.7308 |
| Iteration: | 1799; | Percent complete: | 45.0%; | Average loss: | 2.6771 |
| Iteration: | 1800; | Percent complete: | 45.0%; | Average loss: | 2.5227 |
| Iteration: | 1801; | Percent complete: | 45.0%; | Average loss: | 2.6198 |
| Iteration: | 1802; | Percent complete: | 45.1%; | Average loss: | 2.7585 |
| Iteration: | 1803; | Percent complete: | 45.1%; | Average loss: | 2.6251 |
| Iteration: | 1804; | Percent complete: | 45.1%; | Average loss: | 2.9413 |
| Iteration: | 1805; | Percent complete: | 45.1%; | Average loss: | 2.6477 |
| Iteration: | 1806; | Percent complete: | 45.1%; | Average loss: | 2.6417 |
| Iteration: | 1807; | Percent complete: | 45.2%; | Average loss: | 2.6832 |
| Iteration: | 1808; | Percent complete: | 45.2%; | Average loss: | 2.6968 |
| Iteration: | 1809; | Percent complete: | 45.2%; | Average loss: | 2.5728 |
| Iteration: | 1810; | Percent complete: | 45.2%; | Average loss: | 2.5612 |
| Iteration: | 1811; | Percent complete: | 45.3%; | Average loss: | 2.7526 |
| Iteration: | 1812; | Percent complete: | 45.3%; | Average loss: | 2.4886 |
| Iteration: | 1813; | Percent complete: | 45.3%; | Average loss: | 2.4346 |
| Iteration: | 1814; | Percent complete: | 45.4%; | Average loss: | 2.5430 |
| Iteration: | 1815; | Percent complete: | 45.4%; | Average loss: | 2.8198 |
| Iteration: | 1816; | Percent complete: | 45.4%; | Average loss: | 2.5311 |
| Iteration: | 1817; | Percent complete: | 45.4%; | Average loss: | 2.6641 |
| Iteration: | 1818; | Percent complete: | 45.5%; | Average loss: | 2.6078 |
| Iteration: | 1819; | Percent complete: | 45.5%; | Average loss: | 2.6229 |
| Iteration: | 1820; | Percent complete: | 45.5%; | Average loss: | 2.5701 |
| Iteration: | 1821; | Percent complete: | 45.5%; | Average loss: | 2.4222 |
| Iteration: | 1822; | Percent complete: | 45.6%; | Average loss: | 2.5686 |
| Iteration: | 1823; | Percent complete: | 45.6%; | Average loss: | 2.4856 |
| Iteration: | 1824; | Percent complete: | 45.6%; | Average loss: | 2.7545 |
| Iteration: | 1825; | Percent complete: | 45.6%; | Average loss: | 2.5622 |
| Iteration: | 1826; | Percent complete: | 45.6%; | Average loss: | 2.6394 |
| Iteration: | 1827; | Percent complete: | 45.7%; | Average loss: | 2.7994 |
| Iteration: | 1828; | Percent complete: | 45.7%; | Average loss: | 2.6711 |
| Iteration: | 1829; | Percent complete: | 45.7%; | Average loss: | 2.5971 |
| Iteration: | 1830; | Percent complete: | 45.8%; | Average loss: | 2.3786 |
| Iteration: | 1831; | Percent complete: | 45.8%; | Average loss: | 2.4070 |
| Iteration: | 1832; | Percent complete: | 45.8%; | Average loss: | 2.3961 |
| Iteration: | 1833; | Percent complete: | 45.8%; | Average loss: | 2.6927 |
| Iteration: | 1834; | Percent complete: | 45.9%; | Average loss: | 2.3925 |
| Iteration: | 1835; | Percent complete: | 45.9%; | Average loss: | 2.4367 |
| Iteration: | 1836; | Percent complete: | 45.9%; | Average loss: | 2.4607 |
| Iteration: | 1837; | Percent complete: | 45.9%; | Average loss: | 2.4958 |
| Iteration: | 1838; | Percent complete: | 46.0%; | Average loss: | 2.6463 |
| Iteration: | 1839; | Percent complete: | 46.0%; | Average loss: | 2.6749 |
| Iteration: | 1840; | Percent complete: | 46.0%; | Average loss: | 2.5988 |
| Iteration: | 1841; | Percent complete: | 46.0%; | Average loss: | 2.6029 |
| Iteration: | 1842; | Percent complete: | 46.1%; | Average loss: | 2.6187 |
| Iteration: | 1843; | Percent complete: | 46.1%; | Average loss: | 2.6985 |
| Iteration: | 1844; | Percent complete: | 46.1%; | Average loss: | 2.5775 |
| Iteration: | 1845; | Percent complete: | 46.1%; | Average loss: | 2.7880 |
| Iteration: | 1846; | Percent complete: | 46.2%; | Average loss: | 2.6032 |
| Iteration: | 1847; | Percent complete: | 46.2%; | Average loss: | 2.3664 |
| Iteration: | 1848; | Percent complete: | 46.2%; | Average loss: | 2.4971 |
| Iteration: | 1849; | Percent complete: | 46.2%; | Average loss: | 2.5443 |
| Iteration: | 1850; | Percent complete: | 46.2%; | Average loss: | 2.6278 |
| Iteration: | 1851; | Percent complete: | 46.3%; | Average loss: | 2.5775 |
| Iteration: | 1852; | Percent complete: | 46.3%; | Average loss: | 2.6616 |
| Iteration: | 1853; | Percent complete: | 46.3%; | Average loss: | 2.5788 |
| Iteration: | 1854; | Percent complete: | 46.4%; | Average loss: | 2.6222 |
| Iteration: | 1855; | Percent complete: | 46.4%; | Average loss: | 2.4135 |
| Iteration: | 1856; | Percent complete: | 46.4%; | Average loss: | 2.8005 |
| Iteration: | 1857; | Percent complete: | 46.4%; | Average loss: | 2.6499 |
| Iteration: | 1858; | Percent complete: | 46.5%; | Average loss: | 2.7672 |
| Iteration: | 1859; | Percent complete: | 46.5%; | Average loss: | 2      |

|            |       |         |           |        |         |       |        |
|------------|-------|---------|-----------|--------|---------|-------|--------|
| Iteration: | 1875; | Percent | complete: | 46.9%; | Average | loss: | 2.5503 |
| Iteration: | 1876; | Percent | complete: | 46.9%; | Average | loss: | 2.7630 |
| Iteration: | 1877; | Percent | complete: | 46.9%; | Average | loss: | 2.7323 |
| Iteration: | 1878; | Percent | complete: | 46.9%; | Average | loss: | 2.6377 |
| Iteration: | 1879; | Percent | complete: | 47.0%; | Average | loss: | 2.7062 |
| Iteration: | 1880; | Percent | complete: | 47.0%; | Average | loss: | 2.3830 |
| Iteration: | 1881; | Percent | complete: | 47.0%; | Average | loss: | 2.7717 |
| Iteration: | 1882; | Percent | complete: | 47.0%; | Average | loss: | 2.7400 |
| Iteration: | 1883; | Percent | complete: | 47.1%; | Average | loss: | 2.6586 |
| Iteration: | 1884; | Percent | complete: | 47.1%; | Average | loss: | 2.4900 |
| Iteration: | 1885; | Percent | complete: | 47.1%; | Average | loss: | 2.4976 |
| Iteration: | 1886; | Percent | complete: | 47.1%; | Average | loss: | 2.6006 |
| Iteration: | 1887; | Percent | complete: | 47.2%; | Average | loss: | 2.4080 |
| Iteration: | 1888; | Percent | complete: | 47.2%; | Average | loss: | 2.6221 |
| Iteration: | 1889; | Percent | complete: | 47.2%; | Average | loss: | 2.6610 |
| Iteration: | 1890; | Percent | complete: | 47.2%; | Average | loss: | 2.6605 |
| Iteration: | 1891; | Percent | complete: | 47.3%; | Average | loss: | 2.8701 |
| Iteration: | 1892; | Percent | complete: | 47.3%; | Average | loss: | 2.7034 |
| Iteration: | 1893; | Percent | complete: | 47.3%; | Average | loss: | 2.6154 |
| Iteration: | 1894; | Percent | complete: | 47.3%; | Average | loss: | 2.4839 |
| Iteration: | 1895; | Percent | complete: | 47.4%; | Average | loss: | 2.3500 |
| Iteration: | 1896; | Percent | complete: | 47.4%; | Average | loss: | 2.6318 |
| Iteration: | 1897; | Percent | complete: | 47.4%; | Average | loss: | 2.4979 |
| Iteration: | 1898; | Percent | complete: | 47.4%; | Average | loss: | 2.6252 |
| Iteration: | 1899; | Percent | complete: | 47.5%; | Average | loss: | 2.7882 |
| Iteration: | 1900; | Percent | complete: | 47.5%; | Average | loss: | 2.8380 |
| Iteration: | 1901; | Percent | complete: | 47.5%; | Average | loss: | 2.8597 |
| Iteration: | 1902; | Percent | complete: | 47.5%; | Average | loss: | 2.4066 |
| Iteration: | 1903; | Percent | complete: | 47.6%; | Average | loss: | 2.5401 |
| Iteration: | 1904; | Percent | complete: | 47.6%; | Average | loss: | 2.6403 |
| Iteration: | 1905; | Percent | complete: | 47.6%; | Average | loss: | 2.5852 |
| Iteration: | 1906; | Percent | complete: | 47.6%; | Average | loss: | 2.4531 |
| Iteration: | 1907; | Percent | complete: | 47.7%; | Average | loss: | 2.6696 |
| Iteration: | 1908; | Percent | complete: | 47.7%; | Average | loss: | 2.4961 |
| Iteration: | 1909; | Percent | complete: | 47.7%; | Average | loss: | 2.7790 |
| Iteration: | 1910; | Percent | complete: | 47.8%; | Average | loss: | 2.6649 |
| Iteration: | 1911; | Percent | complete: | 47.8%; | Average | loss: | 2.5780 |
| Iteration: | 1912; | Percent | complete: | 47.8%; | Average | loss: | 2.3163 |
| Iteration: | 1913; | Percent | complete: | 47.8%; | Average | loss: | 2.3315 |
| Iteration: | 1914; | Percent | complete: | 47.9%; | Average | loss: | 2.6313 |
| Iteration: | 1915; | Percent | complete: | 47.9%; | Average | loss: | 2.5671 |
| Iteration: | 1916; | Percent | complete: | 47.9%; | Average | loss: | 2.6549 |
| Iteration: | 1917; | Percent | complete: | 47.9%; | Average | loss: | 2.6847 |
| Iteration: | 1918; | Percent | complete: | 47.9%; | Average | loss: | 2.6633 |
| Iteration: | 1919; | Percent | complete: | 48.0%; | Average | loss: | 2.8790 |
| Iteration: | 1920; | Percent | complete: | 48.0%; | Average | loss: | 2.5310 |
| Iteration: | 1921; | Percent | complete: | 48.0%; | Average | loss: | 2.6932 |
| Iteration: | 1922; | Percent | complete: | 48.0%; | Average | loss: | 2.5305 |
| Iteration: | 1923; | Percent | complete: | 48.1%; | Average | loss: | 2.3474 |
| Iteration: | 1924; | Percent | complete: | 48.1%; | Average | loss: | 2.6931 |
| Iteration: | 1925; | Percent | complete: | 48.1%; | Average | loss: | 2.6776 |
| Iteration: | 1926; | Percent | complete: | 48.1%; | Average | loss: | 2.4866 |
| Iteration: | 1927; | Percent | complete: | 48.2%; | Average | loss: | 2.4649 |
| Iteration: | 1928; | Percent | complete: | 48.2%; | Average | loss: | 2.6044 |
| Iteration: | 1929; | Percent | complete: | 48.2%; | Average | loss: | 2.6042 |
| Iteration: | 1930; | Percent | complete: | 48.2%; | Average | loss: | 2.6590 |
| Iteration: | 1931; | Percent | complete: | 48.3%; | Average | loss: | 2.3987 |
| Iteration: | 1932; | Percent | complete: | 48.3%; | Average | loss: | 2.5911 |
| Iteration: | 1933; | Percent | complete: | 48.3%; | Average | loss: | 2.5712 |
| Iteration: | 1934; | Percent | complete: | 48.4%; | Average | loss: | 2.6528 |
| Iteration: | 1935; | Percent | complete: | 48.4%; | Average | loss: | 2.5707 |
| Iteration: | 1936; | Percent | complete: | 48.4%; | Average | loss: | 2.8021 |
| Iteration: | 1937; | Percent | complete: | 48.4%; | Average | loss: | 2.5111 |
| Iteration: | 1938; | Percent | complete: | 48.4%; | Average | loss: | 2.6402 |





|                  |                   |        |               |        |
|------------------|-------------------|--------|---------------|--------|
| Iteration: 2058; | Percent complete: | 51.4%; | Average loss: | 2.4633 |
| Iteration: 2059; | Percent complete: | 51.5%; | Average loss: | 2.7106 |
| Iteration: 2060; | Percent complete: | 51.5%; | Average loss: | 2.5650 |
| Iteration: 2061; | Percent complete: | 51.5%; | Average loss: | 2.4617 |
| Iteration: 2062; | Percent complete: | 51.5%; | Average loss: | 2.5726 |
| Iteration: 2063; | Percent complete: | 51.6%; | Average loss: | 2.4872 |
| Iteration: 2064; | Percent complete: | 51.6%; | Average loss: | 2.7687 |
| Iteration: 2065; | Percent complete: | 51.6%; | Average loss: | 2.7022 |
| Iteration: 2066; | Percent complete: | 51.6%; | Average loss: | 2.6184 |
| Iteration: 2067; | Percent complete: | 51.7%; | Average loss: | 2.5035 |
| Iteration: 2068; | Percent complete: | 51.7%; | Average loss: | 2.5808 |
| Iteration: 2069; | Percent complete: | 51.7%; | Average loss: | 2.6695 |
| Iteration: 2070; | Percent complete: | 51.7%; | Average loss: | 2.5944 |
| Iteration: 2071; | Percent complete: | 51.8%; | Average loss: | 2.6427 |
| Iteration: 2072; | Percent complete: | 51.8%; | Average loss: | 2.7883 |
| Iteration: 2073; | Percent complete: | 51.8%; | Average loss: | 2.5522 |
| Iteration: 2074; | Percent complete: | 51.8%; | Average loss: | 2.5333 |
| Iteration: 2075; | Percent complete: | 51.9%; | Average loss: | 2.7064 |
| Iteration: 2076; | Percent complete: | 51.9%; | Average loss: | 2.4765 |
| Iteration: 2077; | Percent complete: | 51.9%; | Average loss: | 2.7626 |
| Iteration: 2078; | Percent complete: | 51.9%; | Average loss: | 2.8306 |
| Iteration: 2079; | Percent complete: | 52.0%; | Average loss: | 2.8060 |
| Iteration: 2080; | Percent complete: | 52.0%; | Average loss: | 2.5319 |
| Iteration: 2081; | Percent complete: | 52.0%; | Average loss: | 2.5136 |
| Iteration: 2082; | Percent complete: | 52.0%; | Average loss: | 2.7940 |
| Iteration: 2083; | Percent complete: | 52.1%; | Average loss: | 2.7877 |
| Iteration: 2084; | Percent complete: | 52.1%; | Average loss: | 2.6287 |
| Iteration: 2085; | Percent complete: | 52.1%; | Average loss: | 2.4851 |
| Iteration: 2086; | Percent complete: | 52.1%; | Average loss: | 2.6045 |
| Iteration: 2087; | Percent complete: | 52.2%; | Average loss: | 2.5474 |
| Iteration: 2088; | Percent complete: | 52.2%; | Average loss: | 2.4032 |
| Iteration: 2089; | Percent complete: | 52.2%; | Average loss: | 2.5347 |
| Iteration: 2090; | Percent complete: | 52.2%; | Average loss: | 2.8259 |
| Iteration: 2091; | Percent complete: | 52.3%; | Average loss: | 2.4183 |
| Iteration: 2092; | Percent complete: | 52.3%; | Average loss: | 2.4908 |
| Iteration: 2093; | Percent complete: | 52.3%; | Average loss: | 2.5610 |
| Iteration: 2094; | Percent complete: | 52.3%; | Average loss: | 2.5330 |
| Iteration: 2095; | Percent complete: | 52.4%; | Average loss: | 2.5478 |
| Iteration: 2096; | Percent complete: | 52.4%; | Average loss: | 2.4587 |
| Iteration: 2097; | Percent complete: | 52.4%; | Average loss: | 2.6807 |
| Iteration: 2098; | Percent complete: | 52.4%; | Average loss: | 2.3856 |
| Iteration: 2099; | Percent complete: | 52.5%; | Average loss: | 2.3883 |
| Iteration: 2100; | Percent complete: | 52.5%; | Average loss: | 2.5996 |
| Iteration: 2101; | Percent complete: | 52.5%; | Average loss: | 2.5931 |
| Iteration: 2102; | Percent complete: | 52.5%; | Average loss: | 2.5216 |
| Iteration: 2103; | Percent complete: | 52.6%; | Average loss: | 2.5392 |
| Iteration: 2104; | Percent complete: | 52.6%; | Average loss: | 2.3895 |
| Iteration: 2105; | Percent complete: | 52.6%; | Average loss: | 2.6593 |
| Iteration: 2106; | Percent complete: | 52.6%; | Average loss: | 2.7157 |
| Iteration: 2107; | Percent complete: | 52.7%; | Average loss: | 2.6799 |
| Iteration: 2108; | Percent complete: | 52.7%; | Average loss: | 2.7493 |
| Iteration: 2109; | Percent complete: | 52.7%; | Average loss: | 2.5551 |
| Iteration: 2110; | Percent complete: | 52.8%; | Average loss: | 2.4921 |
| Iteration: 2111; | Percent complete: | 52.8%; | Average loss: | 2.5696 |
| Iteration: 2112; | Percent complete: | 52.8%; | Average loss: | 2.5002 |
| Iteration: 2113; | Percent complete: | 52.8%; | Average loss: | 2.5144 |
| Iteration: 2114; | Percent complete: | 52.8%; | Average loss: | 2.8455 |
| Iteration: 2115; | Percent complete: | 52.9%; | Average loss: | 2.6184 |
| Iteration: 2116; | Percent complete: | 52.9%; | Average loss: | 2.5072 |
| Iteration: 2117; | Percent complete: | 52.9%; | Average loss: | 2.6167 |
| Iteration: 2118; | Percent complete: | 52.9%; | Average loss: | 2.7134 |
| Iteration: 2119; | Percent complete: | 53.0%; | Average loss: | 2.6499 |
| Iteration: 2120; | Percent complete: | 53.0%; | Average loss: | 2.7713 |
| Iteration: 2121; | Percent complete: | 53.0%; | Average loss: | 2.7084 |
| Iteration: 2122; | Percent complete: | 53.0%; | Average loss: | 2.6924 |
| Iteration: 2123; | Percent complete: | 53.1%; | Average loss: | 2.5748 |
| Iteration: 2124; | Percent complete: | 53.1%; | Average loss: | 2.7388 |
| Iteration: 2125; | Percent complete: | 53.1%; | Average loss: | 2.4893 |
| Iteration: 2126; | Percent complete: | 53.1%; | Average loss: | 2.7629 |
| Iteration: 2127; | Percent complete: | 53.2%; | Average loss: | 2.8262 |
| Iteration: 2128; | Percent complete: | 53.2%; | Average loss: | 2.5595 |
| Iteration: 2129; | Percent complete: | 53.2%; | Average loss: | 2.4502 |
| Iteration: 2130; | Percent complete: | 53.2%; | Average loss: | 2.6360 |
| Iteration: 2131; | Percent complete: | 53.3%; | Average loss: | 2.4648 |
| Iteration: 2132; | Percent complete: | 53.3%; | Average loss: | 2.5423 |
| Iteration: 2133; | Percent complete: | 53.3%; | Average loss: | 2.6318 |
| Iteration: 2134; | Percent complete: | 53.3%; | Average loss: | 2.4994 |
| Iteration: 2135; | Percent complete: | 53.4%; | Average loss: | 2.7894 |
| Iteration: 2136; | Percent complete: | 53.4%; | Average loss: | 2.6095 |
| Iteration: 2137; | Percent complete: | 53.4%; | Average loss: | 2.5595 |
| Iteration: 2138; |                   |        |               |        |

|            |       |                   |        |               |        |
|------------|-------|-------------------|--------|---------------|--------|
| Iteration: | 2149; | Percent complete: | 53.7%; | Average loss: | 2.6411 |
| Iteration: | 2150; | Percent complete: | 53.8%; | Average loss: | 2.5896 |
| Iteration: | 2151; | Percent complete: | 53.8%; | Average loss: | 2.5918 |
| Iteration: | 2152; | Percent complete: | 53.8%; | Average loss: | 2.2708 |
| Iteration: | 2153; | Percent complete: | 53.8%; | Average loss: | 2.6383 |
| Iteration: | 2154; | Percent complete: | 53.8%; | Average loss: | 2.8232 |
| Iteration: | 2155; | Percent complete: | 53.9%; | Average loss: | 2.5755 |
| Iteration: | 2156; | Percent complete: | 53.9%; | Average loss: | 2.9100 |
| Iteration: | 2157; | Percent complete: | 53.9%; | Average loss: | 2.7070 |
| Iteration: | 2158; | Percent complete: | 53.9%; | Average loss: | 2.6238 |
| Iteration: | 2159; | Percent complete: | 54.0%; | Average loss: | 2.8484 |
| Iteration: | 2160; | Percent complete: | 54.0%; | Average loss: | 2.6669 |
| Iteration: | 2161; | Percent complete: | 54.0%; | Average loss: | 2.4127 |
| Iteration: | 2162; | Percent complete: | 54.0%; | Average loss: | 2.5305 |
| Iteration: | 2163; | Percent complete: | 54.1%; | Average loss: | 2.6939 |
| Iteration: | 2164; | Percent complete: | 54.1%; | Average loss: | 2.5286 |
| Iteration: | 2165; | Percent complete: | 54.1%; | Average loss: | 2.8620 |
| Iteration: | 2166; | Percent complete: | 54.1%; | Average loss: | 2.8035 |
| Iteration: | 2167; | Percent complete: | 54.2%; | Average loss: | 2.6496 |
| Iteration: | 2168; | Percent complete: | 54.2%; | Average loss: | 2.7951 |
| Iteration: | 2169; | Percent complete: | 54.2%; | Average loss: | 2.5821 |
| Iteration: | 2170; | Percent complete: | 54.2%; | Average loss: | 2.6157 |
| Iteration: | 2171; | Percent complete: | 54.3%; | Average loss: | 2.5725 |
| Iteration: | 2172; | Percent complete: | 54.3%; | Average loss: | 2.3955 |
| Iteration: | 2173; | Percent complete: | 54.3%; | Average loss: | 2.7962 |
| Iteration: | 2174; | Percent complete: | 54.4%; | Average loss: | 2.4381 |
| Iteration: | 2175; | Percent complete: | 54.4%; | Average loss: | 2.8354 |
| Iteration: | 2176; | Percent complete: | 54.4%; | Average loss: | 2.5047 |
| Iteration: | 2177; | Percent complete: | 54.4%; | Average loss: | 2.8733 |
| Iteration: | 2178; | Percent complete: | 54.4%; | Average loss: | 2.5765 |
| Iteration: | 2179; | Percent complete: | 54.5%; | Average loss: | 2.6710 |
| Iteration: | 2180; | Percent complete: | 54.5%; | Average loss: | 2.6637 |
| Iteration: | 2181; | Percent complete: | 54.5%; | Average loss: | 2.8449 |
| Iteration: | 2182; | Percent complete: | 54.5%; | Average loss: | 2.5520 |
| Iteration: | 2183; | Percent complete: | 54.6%; | Average loss: | 2.5260 |
| Iteration: | 2184; | Percent complete: | 54.6%; | Average loss: | 2.4448 |
| Iteration: | 2185; | Percent complete: | 54.6%; | Average loss: | 2.4689 |
| Iteration: | 2186; | Percent complete: | 54.6%; | Average loss: | 2.4751 |
| Iteration: | 2187; | Percent complete: | 54.7%; | Average loss: | 2.7582 |
| Iteration: | 2188; | Percent complete: | 54.7%; | Average loss: | 2.7996 |
| Iteration: | 2189; | Percent complete: | 54.7%; | Average loss: | 2.6761 |
| Iteration: | 2190; | Percent complete: | 54.8%; | Average loss: | 2.5411 |
| Iteration: | 2191; | Percent complete: | 54.8%; | Average loss: | 2.4433 |
| Iteration: | 2192; | Percent complete: | 54.8%; | Average loss: | 2.8262 |
| Iteration: | 2193; | Percent complete: | 54.8%; | Average loss: | 2.3799 |
| Iteration: | 2194; | Percent complete: | 54.9%; | Average loss: | 2.5776 |
| Iteration: | 2195; | Percent complete: | 54.9%; | Average loss: | 2.5582 |
| Iteration: | 2196; | Percent complete: | 54.9%; | Average loss: | 2.2941 |
| Iteration: | 2197; | Percent complete: | 54.9%; | Average loss: | 2.6085 |
| Iteration: | 2198; | Percent complete: | 54.9%; | Average loss: | 2.5317 |
| Iteration: | 2199; | Percent complete: | 55.0%; | Average loss: | 2.7678 |
| Iteration: | 2200; | Percent complete: | 55.0%; | Average loss: | 2.5683 |
| Iteration: | 2201; | Percent complete: | 55.0%; | Average loss: | 2.7406 |
| Iteration: | 2202; | Percent complete: | 55.0%; | Average loss: | 2.5593 |
| Iteration: | 2203; | Percent complete: | 55.1%; | Average loss: | 2.6564 |
| Iteration: | 2204; | Percent complete: | 55.1%; | Average loss: | 2.6240 |
| Iteration: | 2205; | Percent complete: | 55.1%; | Average loss: | 2.5640 |
| Iteration: | 2206; | Percent complete: | 55.1%; | Average loss: | 2.6123 |
| Iteration: | 2207; | Percent complete: | 55.2%; | Average loss: | 2.6124 |
| Iteration: | 2208; | Percent complete: | 55.2%; | Average loss: | 2.7211 |
| Iteration: | 2209; | Percent complete: | 55.2%; | Average loss: | 2.4744 |
| Iteration: | 2210; | Percent complete: | 55.2%; | Average loss: | 2.6470 |
| Iteration: | 2211; | Percent complete: | 55.3%; | Average loss: | 2.4464 |
| Iteration: | 2212; | Percent complete: | 55.3%; | Average loss: | 2.4386 |
| Iteration: | 2213; | Percent complete: | 55.3%; | Average loss: | 2.6475 |
| Iteration: | 2214; | Percent complete: | 55.4%; | Average loss: | 2.7979 |
| Iteration: | 2215; | Percent complete: | 55.4%; | Average loss: | 2.6410 |
| Iteration: | 2216; | Percent complete: | 55.4%; | Average loss: | 2.7634 |
| Iteration: | 2217; | Percent complete: | 55.4%; | Average loss: | 2.6302 |
| Iteration: | 2218; | Percent complete: | 55.5%; | Average loss: | 2.5946 |
| Iteration: | 2219; | Percent complete: | 55.5%; | Average loss: | 2.8569 |
| Iteration: | 2220; | Percent complete: | 55.5%; | Average loss: | 2.6134 |
| Iteration: | 2221; | Percent complete: | 55.5%; | Average loss: | 2.5568 |
| Iteration: | 2222; | Percent complete: | 55.5%; | Average loss: | 2.7063 |
| Iteration: | 2223; | Percent complete: | 55.6%; | Average loss: | 2.7648 |
| Iteration: | 2224; | Percent complete: | 55.6%; | Average loss: | 2      |



Iteration: 2332; Percent complete: 58.3%; Average loss: 2.7412  
Iteration: 2333; Percent complete: 58.3%; Average loss: 2.4479  
Iteration: 2334; Percent complete: 58.4%; Average loss: 2.6213  
Iteration: 2335; Percent complete: 58.4%; Average loss: 2.5554  
Iteration: 2336; Percent complete: 58.4%; Average loss: 2.6525  
Iteration: 2337; Percent complete: 58.4%; Average loss: 2.4207  
Iteration: 2338; Percent complete: 58.5%; Average loss: 2.5281  
Iteration: 2339; Percent complete: 58.5%; Average loss: 2.5708  
Iteration: 2340; Percent complete: 58.5%; Average loss: 2.6297  
Iteration: 2341; Percent complete: 58.5%; Average loss: 2.7123  
Iteration: 2342; Percent complete: 58.6%; Average loss: 2.5767  
Iteration: 2343; Percent complete: 58.6%; Average loss: 2.6239  
Iteration: 2344; Percent complete: 58.6%; Average loss: 2.5846  
Iteration: 2345; Percent complete: 58.6%; Average loss: 2.6178  
Iteration: 2346; Percent complete: 58.7%; Average loss: 3.0448  
Iteration: 2347; Percent complete: 58.7%; Average loss: 2.5394  
Iteration: 2348; Percent complete: 58.7%; Average loss: 2.6545  
Iteration: 2349; Percent complete: 58.7%; Average loss: 2.6607  
Iteration: 2350; Percent complete: 58.8%; Average loss: 2.7238  
Iteration: 2351; Percent complete: 58.8%; Average loss: 2.6178  
Iteration: 2352; Percent complete: 58.8%; Average loss: 2.7251  
Iteration: 2353; Percent complete: 58.8%; Average loss: 2.5717  
Iteration: 2354; Percent complete: 58.9%; Average loss: 2.5639  
Iteration: 2355; Percent complete: 58.9%; Average loss: 2.6670  
Iteration: 2356; Percent complete: 58.9%; Average loss: 2.5721  
Iteration: 2357; Percent complete: 58.9%; Average loss: 2.6535  
Iteration: 2358; Percent complete: 59.0%; Average loss: 2.5778  
Iteration: 2359; Percent complete: 59.0%; Average loss: 2.7390  
Iteration: 2360; Percent complete: 59.0%; Average loss: 2.8735  
Iteration: 2361; Percent complete: 59.0%; Average loss: 2.7416  
Iteration: 2362; Percent complete: 59.1%; Average loss: 2.6591  
Iteration: 2363; Percent complete: 59.1%; Average loss: 2.6794  
Iteration: 2364; Percent complete: 59.1%; Average loss: 2.6355  
Iteration: 2365; Percent complete: 59.1%; Average loss: 2.2820  
Iteration: 2366; Percent complete: 59.2%; Average loss: 2.3566  
Iteration: 2367; Percent complete: 59.2%; Average loss: 2.5003  
Iteration: 2368; Percent complete: 59.2%; Average loss: 2.6887  
Iteration: 2369; Percent complete: 59.2%; Average loss: 2.6659  
Iteration: 2370; Percent complete: 59.2%; Average loss: 2.2911  
Iteration: 2371; Percent complete: 59.3%; Average loss: 2.5873  
Iteration: 2372; Percent complete: 59.3%; Average loss: 2.4833  
Iteration: 2373; Percent complete: 59.3%; Average loss: 2.4736  
Iteration: 2374; Percent complete: 59.4%; Average loss: 2.5475  
Iteration: 2375; Percent complete: 59.4%; Average loss: 2.7278  
Iteration: 2376; Percent complete: 59.4%; Average loss: 2.6444  
Iteration: 2377; Percent complete: 59.4%; Average loss: 2.4785  
Iteration: 2378; Percent complete: 59.5%; Average loss: 2.4654  
Iteration: 2379; Percent complete: 59.5%; Average loss: 2.4478  
Iteration: 2380; Percent complete: 59.5%; Average loss: 2.6051  
Iteration: 2381; Percent complete: 59.5%; Average loss: 2.5062  
Iteration: 2382; Percent complete: 59.6%; Average loss: 2.5095  
Iteration: 2383; Percent complete: 59.6%; Average loss: 2.4677  
Iteration: 2384; Percent complete: 59.6%; Average loss: 2.4640  
Iteration: 2385; Percent complete: 59.6%; Average loss: 2.6545  
Iteration: 2386; Percent complete: 59.7%; Average loss: 2.6559  
Iteration: 2387; Percent complete: 59.7%; Average loss: 2.3265  
Iteration: 2388; Percent complete: 59.7%; Average loss: 2.8229  
Iteration: 2389; Percent complete: 59.7%; Average loss: 2.6278  
Iteration: 2390; Percent complete: 59.8%; Average loss: 2.6998  
Iteration: 2391; Percent complete: 59.8%; Average loss: 2.5796  
Iteration: 2392; Percent complete: 59.8%; Average loss: 2.4154  
Iteration: 2393; Percent complete: 59.8%; Average loss: 2.5795  
Iteration: 2394; Percent complete: 59.9%; Average loss: 2.5766  
Iteration: 2395; Percent complete: 59.9%; Average loss: 2.5143  
Iteration: 2396; Percent complete: 59.9%; Average loss: 2.8841  
Iteration: 2397; Percent complete: 59.9%; Average loss: 2.6081  
Iteration: 2398; Percent complete: 60.0%; Average loss: 2.6138  
Iteration: 2399; Percent complete: 60.0%; Average loss: 2.5746  
Iteration: 2400; Percent complete: 60.0%; Average loss: 2.6775  
Iteration: 2401; Percent complete: 60.0%; Average loss: 2.7785  
Iteration: 2402; Percent complete: 60.1%; Average loss: 2.7254  
Iteration: 2403; Percent complete: 60.1%; Average loss: 2.5020  
Iteration: 2404; Percent complete: 60.1%; Average loss: 2.6603  
Iteration: 2405; Percent complete: 60.1%; Average loss: 2.5793  
Iteration: 2406; Percent complete: 60.2%; Average loss: 2.5724  
Iteration: 2407; Percent complete: 60.2%; Average loss: 2.5355  
Iteration: 2408; Percent complete: 60.2%; Average loss: 2.6414  
Iteration: 2409; Percent complete: 60.2%; Average loss: 2.6168  
Iteration: 2410; Percent complete: 60.2%; Average loss: 2.7146  
Iteration: 2411; Percent complete: 60.3%; Average loss: 2.5210  
Iteration: 2412; Percent complete: 60.3%; Average loss: 2.6458  
Iteration: 2413; Percent complete: 60.3%; Average loss: 2.5975  
Iteration: 2414; Percent complete: 60.4%; Average loss: 2.6702  
Iteration: 2415; Percent complete: 60.4%; Average loss: 2.5801  
Iteration: 2416; Percent complete: 60.4%; Average loss: 2.6989  
Iteration: 2417; Percent complete: 60.4%; Average loss: 2.6903  
Iteration: 2418; Percent complete: 60.5%; Average loss: 2.6859  
Iteration: 2419; Percent complete: 60.5%; Average loss: 2.7571  
Iteration: 2420; Percent complete: 60.5%; Average loss: 2.4391  
Iteration: 2421; Percent complete: 60.5%; Average loss: 2.6454  
Iteration: 2422; Percent complete: 60.6%; Average loss: 2.4246

|            |       |         |           |        |         |       |        |
|------------|-------|---------|-----------|--------|---------|-------|--------|
| Iteration: | 2423; | Percent | complete: | 60.6%; | Average | loss: | 2.6902 |
| Iteration: | 2424; | Percent | complete: | 60.6%; | Average | loss: | 2.6921 |
| Iteration: | 2425; | Percent | complete: | 60.6%; | Average | loss: | 2.6162 |
| Iteration: | 2426; | Percent | complete: | 60.7%; | Average | loss: | 2.7754 |
| Iteration: | 2427; | Percent | complete: | 60.7%; | Average | loss: | 2.7323 |
| Iteration: | 2428; | Percent | complete: | 60.7%; | Average | loss: | 2.6185 |
| Iteration: | 2429; | Percent | complete: | 60.7%; | Average | loss: | 2.6255 |
| Iteration: | 2430; | Percent | complete: | 60.8%; | Average | loss: | 2.6180 |
| Iteration: | 2431; | Percent | complete: | 60.8%; | Average | loss: | 2.5565 |
| Iteration: | 2432; | Percent | complete: | 60.8%; | Average | loss: | 2.4532 |
| Iteration: | 2433; | Percent | complete: | 60.8%; | Average | loss: | 2.6702 |
| Iteration: | 2434; | Percent | complete: | 60.9%; | Average | loss: | 2.6652 |
| Iteration: | 2435; | Percent | complete: | 60.9%; | Average | loss: | 2.6374 |
| Iteration: | 2436; | Percent | complete: | 60.9%; | Average | loss: | 2.4531 |
| Iteration: | 2437; | Percent | complete: | 60.9%; | Average | loss: | 2.7432 |
| Iteration: | 2438; | Percent | complete: | 61.0%; | Average | loss: | 2.4879 |
| Iteration: | 2439; | Percent | complete: | 61.0%; | Average | loss: | 2.5057 |
| Iteration: | 2440; | Percent | complete: | 61.0%; | Average | loss: | 2.7502 |
| Iteration: | 2441; | Percent | complete: | 61.0%; | Average | loss: | 2.5990 |
| Iteration: | 2442; | Percent | complete: | 61.1%; | Average | loss: | 2.4189 |
| Iteration: | 2443; | Percent | complete: | 61.1%; | Average | loss: | 2.7997 |
| Iteration: | 2444; | Percent | complete: | 61.1%; | Average | loss: | 2.7751 |
| Iteration: | 2445; | Percent | complete: | 61.1%; | Average | loss: | 2.7435 |
| Iteration: | 2446; | Percent | complete: | 61.2%; | Average | loss: | 2.7604 |
| Iteration: | 2447; | Percent | complete: | 61.2%; | Average | loss: | 2.4237 |
| Iteration: | 2448; | Percent | complete: | 61.2%; | Average | loss: | 2.8948 |
| Iteration: | 2449; | Percent | complete: | 61.2%; | Average | loss: | 2.6783 |
| Iteration: | 2450; | Percent | complete: | 61.3%; | Average | loss: | 2.5549 |
| Iteration: | 2451; | Percent | complete: | 61.3%; | Average | loss: | 2.6905 |
| Iteration: | 2452; | Percent | complete: | 61.3%; | Average | loss: | 2.4742 |
| Iteration: | 2453; | Percent | complete: | 61.3%; | Average | loss: | 2.6917 |
| Iteration: | 2454; | Percent | complete: | 61.4%; | Average | loss: | 2.5047 |
| Iteration: | 2455; | Percent | complete: | 61.4%; | Average | loss: | 2.6541 |
| Iteration: | 2456; | Percent | complete: | 61.4%; | Average | loss: | 2.5231 |
| Iteration: | 2457; | Percent | complete: | 61.4%; | Average | loss: | 2.3977 |
| Iteration: | 2458; | Percent | complete: | 61.5%; | Average | loss: | 2.5095 |
| Iteration: | 2459; | Percent | complete: | 61.5%; | Average | loss: | 2.6877 |
| Iteration: | 2460; | Percent | complete: | 61.5%; | Average | loss: | 2.3640 |
| Iteration: | 2461; | Percent | complete: | 61.5%; | Average | loss: | 2.7859 |
| Iteration: | 2462; | Percent | complete: | 61.6%; | Average | loss: | 2.5963 |
| Iteration: | 2463; | Percent | complete: | 61.6%; | Average | loss: | 2.4354 |
| Iteration: | 2464; | Percent | complete: | 61.6%; | Average | loss: | 2.8240 |
| Iteration: | 2465; | Percent | complete: | 61.6%; | Average | loss: | 2.7218 |
| Iteration: | 2466; | Percent | complete: | 61.7%; | Average | loss: | 2.4349 |
| Iteration: | 2467; | Percent | complete: | 61.7%; | Average | loss: | 2.6971 |
| Iteration: | 2468; | Percent | complete: | 61.7%; | Average | loss: | 2.6702 |
| Iteration: | 2469; | Percent | complete: | 61.7%; | Average | loss: | 2.6785 |
| Iteration: | 2470; | Percent | complete: | 61.8%; | Average | loss: | 2.6996 |
| Iteration: | 2471; | Percent | complete: | 61.8%; | Average | loss: | 2.5498 |
| Iteration: | 2472; | Percent | complete: | 61.8%; | Average | loss: | 2.6416 |
| Iteration: | 2473; | Percent | complete: | 61.8%; | Average | loss: | 2.4992 |
| Iteration: | 2474; | Percent | complete: | 61.9%; | Average | loss: | 2.7052 |
| Iteration: | 2475; | Percent | complete: | 61.9%; | Average | loss: | 2.8560 |
| Iteration: | 2476; | Percent | complete: | 61.9%; | Average | loss: | 2.7363 |
| Iteration: | 2477; | Percent | complete: | 61.9%; | Average | loss: | 2.8614 |
| Iteration: | 2478; | Percent | complete: | 62.0%; | Average | loss: | 2.5538 |
| Iteration: | 2479; | Percent | complete: | 62.0%; | Average | loss: | 2.6122 |
| Iteration: | 2480; | Percent | complete: | 62.0%; | Average | loss: | 2.7851 |
| Iteration: | 2481; | Percent | complete: | 62.0%; | Average | loss: | 2.7004 |
| Iteration: | 2482; | Percent | complete: | 62.1%; | Average | loss: | 2.5674 |
| Iteration: | 2483; | Percent | complete: | 62.1%; | Average | loss: | 2.5017 |
| Iteration: | 2484; | Percent | complete: | 62.1%; | Average | loss: | 2.5607 |
| Iteration: | 2485; | Percent | complete: | 62.1%; | Average | loss: | 2.4249 |
| Iteration: | 2486; | Percent | complete: | 62.2%; | Average | loss: | 2.6424 |

|            |      |                   |        |               |       |
|------------|------|-------------------|--------|---------------|-------|
| Iteration: | 2514 | Percent complete: | 62.8%; | Average loss: | 2.729 |
| Iteration: | 2515 | Percent complete: | 62.9%; | Average loss: | 2.545 |
| Iteration: | 2516 | Percent complete: | 62.9%; | Average loss: | 2.641 |
| Iteration: | 2517 | Percent complete: | 62.9%; | Average loss: | 2.616 |
| Iteration: | 2518 | Percent complete: | 62.9%; | Average loss: | 2.667 |
| Iteration: | 2519 | Percent complete: | 63.0%; | Average loss: | 2.833 |
| Iteration: | 2520 | Percent complete: | 63.0%; | Average loss: | 2.782 |
| Iteration: | 2521 | Percent complete: | 63.0%; | Average loss: | 2.783 |
| Iteration: | 2522 | Percent complete: | 63.0%; | Average loss: | 2.599 |
| Iteration: | 2523 | Percent complete: | 63.1%; | Average loss: | 2.666 |
| Iteration: | 2524 | Percent complete: | 63.1%; | Average loss: | 2.770 |
| Iteration: | 2525 | Percent complete: | 63.1%; | Average loss: | 2.699 |
| Iteration: | 2526 | Percent complete: | 63.1%; | Average loss: | 2.777 |
| Iteration: | 2527 | Percent complete: | 63.2%; | Average loss: | 2.660 |
| Iteration: | 2528 | Percent complete: | 63.2%; | Average loss: | 2.581 |
| Iteration: | 2529 | Percent complete: | 63.2%; | Average loss: | 2.570 |
| Iteration: | 2530 | Percent complete: | 63.2%; | Average loss: | 2.407 |
| Iteration: | 2531 | Percent complete: | 63.3%; | Average loss: | 2.815 |
| Iteration: | 2532 | Percent complete: | 63.3%; | Average loss: | 2.638 |
| Iteration: | 2533 | Percent complete: | 63.3%; | Average loss: | 2.790 |
| Iteration: | 2534 | Percent complete: | 63.3%; | Average loss: | 2.633 |
| Iteration: | 2535 | Percent complete: | 63.4%; | Average loss: | 2.685 |
| Iteration: | 2536 | Percent complete: | 63.4%; | Average loss: | 2.678 |
| Iteration: | 2537 | Percent complete: | 63.4%; | Average loss: | 2.633 |
| Iteration: | 2538 | Percent complete: | 63.4%; | Average loss: | 2.494 |
| Iteration: | 2539 | Percent complete: | 63.5%; | Average loss: | 2.487 |
| Iteration: | 2540 | Percent complete: | 63.5%; | Average loss: | 2.663 |
| Iteration: | 2541 | Percent complete: | 63.5%; | Average loss: | 2.776 |
| Iteration: | 2542 | Percent complete: | 63.5%; | Average loss: | 2.802 |
| Iteration: | 2543 | Percent complete: | 63.6%; | Average loss: | 2.471 |
| Iteration: | 2544 | Percent complete: | 63.6%; | Average loss: | 2.620 |
| Iteration: | 2545 | Percent complete: | 63.6%; | Average loss: | 2.727 |
| Iteration: | 2546 | Percent complete: | 63.6%; | Average loss: | 2.641 |
| Iteration: | 2547 | Percent complete: | 63.7%; | Average loss: | 2.759 |
| Iteration: | 2548 | Percent complete: | 63.7%; | Average loss: | 2.666 |
| Iteration: | 2549 | Percent complete: | 63.7%; | Average loss: | 2.383 |
| Iteration: | 2550 | Percent complete: | 63.7%; | Average loss: | 2.807 |
| Iteration: | 2551 | Percent complete: | 63.8%; | Average loss: | 2.655 |
| Iteration: | 2552 | Percent complete: | 63.8%; | Average loss: | 2.805 |
| Iteration: | 2553 | Percent complete: | 63.8%; | Average loss: | 2.491 |
| Iteration: | 2554 | Percent complete: | 63.8%; | Average loss: | 2.524 |
| Iteration: | 2555 | Percent complete: | 63.9%; | Average loss: | 2.516 |
| Iteration: | 2556 | Percent complete: | 63.9%; | Average loss: | 2.705 |
| Iteration: | 2557 | Percent complete: | 63.9%; | Average loss: | 2.756 |
| Iteration: | 2558 | Percent complete: | 63.9%; | Average loss: | 2.577 |
| Iteration: | 2559 | Percent complete: | 64.0%; | Average loss: | 2.708 |
| Iteration: | 2560 | Percent complete: | 64.0%; | Average loss: | 2.810 |
| Iteration: | 2561 | Percent complete: | 64.0%; | Average loss: | 2.752 |
| Iteration: | 2562 | Percent complete: | 64.0%; | Average loss: | 2.664 |
| Iteration: | 2563 | Percent complete: | 64.1%; | Average loss: | 2.722 |
| Iteration: | 2564 | Percent complete: | 64.1%; | Average loss: | 2.725 |
| Iteration: | 2565 | Percent complete: | 64.1%; | Average loss: | 2.607 |
| Iteration: | 2566 | Percent complete: | 64.1%; | Average loss: | 2.613 |
| Iteration: | 2567 | Percent complete: | 64.2%; | Average loss: | 2.889 |
| Iteration: | 2568 | Percent complete: | 64.2%; | Average loss: | 2.522 |
| Iteration: | 2569 | Percent complete: | 64.2%; | Average loss: | 2.589 |
| Iteration: | 2570 | Percent complete: | 64.2%; | Average loss: | 2.862 |
| Iteration: | 2571 | Percent complete: | 64.3%; | Average loss: | 2.889 |
| Iteration: | 2572 | Percent complete: | 64.3%; | Average loss: | 2.698 |
| Iteration: | 2573 | Percent complete: | 64.3%; | Average loss: | 2.518 |
| Iteration: | 2574 | Percent complete: | 64.3%; | Average loss: | 2.548 |
| Iteration: | 2575 | Percent complete: | 64.4%; | Average loss: | 2.571 |
| Iteration: | 2576 | Percent complete: | 64.4%; | Average loss: | 2.503 |
| Iteration: | 2577 | Percent complete: | 64.4%; | Average loss: | 2.775 |
| Iteration: | 2578 | Percent complete: | 64.5%; | Average loss: | 2.621 |
| Iteration: | 2579 | Percent complete: | 64.5%; | Average loss: | 2.796 |
| Iteration: | 2580 | Percent complete: | 64.5%; | Average loss: | 2.663 |
| Iteration: | 2581 | Percent complete: | 64.5%; | Average loss: | 2.598 |
| Iteration: | 2582 | Percent complete: | 64.5%; | Average loss: | 2.667 |
| Iteration: | 2583 | Percent complete: | 64.6%; | Average loss: | 2.405 |
| Iteration: | 2584 | Percent complete: | 64.6%; | Average loss: | 2.422 |
| Iteration: | 2585 | Percent complete: | 64.6%; | Average loss: | 2.561 |
| Iteration: | 2586 | Percent complete: | 64.6%; | Average loss: | 2.617 |
| Iteration: | 2587 | Percent complete: | 64.7%; | Average loss: | 2.743 |
| Iteration: | 2588 | Percent complete: | 64.7%; | Average loss: | 2.881 |
| Iteration: | 2589 | Percent complete: | 64.7%; | Average loss: | 2.434 |
| Iteration: | 2590 | Percent complete: | 64.8%; | Average loss: | 2.622 |
| Iteration: | 259  |                   |        |               |       |

|            |      |                   |        |               |        |
|------------|------|-------------------|--------|---------------|--------|
| Iteration: | 2603 | Percent complete: | 65.1%; | Average loss: | 2.6298 |
| Iteration: | 2606 | Percent complete: | 65.1%; | Average loss: | 2.4852 |
| Iteration: | 2607 | Percent complete: | 65.2%; | Average loss: | 2.6183 |
| Iteration: | 2608 | Percent complete: | 65.2%; | Average loss: | 2.4587 |
| Iteration: | 2609 | Percent complete: | 65.2%; | Average loss: | 2.6430 |
| Iteration: | 2610 | Percent complete: | 65.2%; | Average loss: | 2.4907 |
| Iteration: | 2611 | Percent complete: | 65.3%; | Average loss: | 2.6310 |
| Iteration: | 2612 | Percent complete: | 65.3%; | Average loss: | 2.5160 |
| Iteration: | 2613 | Percent complete: | 65.3%; | Average loss: | 2.7000 |
| Iteration: | 2614 | Percent complete: | 65.3%; | Average loss: | 2.6048 |
| Iteration: | 2615 | Percent complete: | 65.4%; | Average loss: | 2.6210 |
| Iteration: | 2616 | Percent complete: | 65.4%; | Average loss: | 2.6495 |
| Iteration: | 2617 | Percent complete: | 65.4%; | Average loss: | 2.7060 |
| Iteration: | 2618 | Percent complete: | 65.5%; | Average loss: | 2.7418 |
| Iteration: | 2619 | Percent complete: | 65.5%; | Average loss: | 2.5100 |
| Iteration: | 2620 | Percent complete: | 65.5%; | Average loss: | 2.6240 |
| Iteration: | 2621 | Percent complete: | 65.5%; | Average loss: | 2.7323 |
| Iteration: | 2622 | Percent complete: | 65.5%; | Average loss: | 2.5335 |
| Iteration: | 2623 | Percent complete: | 65.6%; | Average loss: | 2.7305 |
| Iteration: | 2624 | Percent complete: | 65.6%; | Average loss: | 2.7284 |
| Iteration: | 2625 | Percent complete: | 65.6%; | Average loss: | 2.4397 |
| Iteration: | 2626 | Percent complete: | 65.6%; | Average loss: | 2.6590 |
| Iteration: | 2627 | Percent complete: | 65.7%; | Average loss: | 2.6170 |
| Iteration: | 2628 | Percent complete: | 65.7%; | Average loss: | 2.7594 |
| Iteration: | 2629 | Percent complete: | 65.7%; | Average loss: | 2.5130 |
| Iteration: | 2630 | Percent complete: | 65.8%; | Average loss: | 2.6897 |
| Iteration: | 2631 | Percent complete: | 65.8%; | Average loss: | 2.6341 |
| Iteration: | 2632 | Percent complete: | 65.8%; | Average loss: | 2.5528 |
| Iteration: | 2633 | Percent complete: | 65.8%; | Average loss: | 2.6333 |
| Iteration: | 2634 | Percent complete: | 65.8%; | Average loss: | 2.7180 |
| Iteration: | 2635 | Percent complete: | 65.9%; | Average loss: | 2.4810 |
| Iteration: | 2636 | Percent complete: | 65.9%; | Average loss: | 2.6634 |
| Iteration: | 2637 | Percent complete: | 65.9%; | Average loss: | 2.6437 |
| Iteration: | 2638 | Percent complete: | 66.0%; | Average loss: | 2.6467 |
| Iteration: | 2639 | Percent complete: | 66.0%; | Average loss: | 2.6725 |
| Iteration: | 2640 | Percent complete: | 66.0%; | Average loss: | 2.4477 |
| Iteration: | 2641 | Percent complete: | 66.0%; | Average loss: | 2.5260 |
| Iteration: | 2642 | Percent complete: | 66.0%; | Average loss: | 2.6139 |
| Iteration: | 2643 | Percent complete: | 66.1%; | Average loss: | 2.7522 |
| Iteration: | 2644 | Percent complete: | 66.1%; | Average loss: | 2.5617 |
| Iteration: | 2645 | Percent complete: | 66.1%; | Average loss: | 2.5302 |
| Iteration: | 2646 | Percent complete: | 66.1%; | Average loss: | 2.5458 |
| Iteration: | 2647 | Percent complete: | 66.2%; | Average loss: | 2.8827 |
| Iteration: | 2648 | Percent complete: | 66.2%; | Average loss: | 2.6227 |
| Iteration: | 2649 | Percent complete: | 66.2%; | Average loss: | 2.6460 |
| Iteration: | 2650 | Percent complete: | 66.2%; | Average loss: | 2.3085 |
| Iteration: | 2651 | Percent complete: | 66.3%; | Average loss: | 2.7283 |
| Iteration: | 2652 | Percent complete: | 66.3%; | Average loss: | 2.7392 |
| Iteration: | 2653 | Percent complete: | 66.3%; | Average loss: | 2.5147 |
| Iteration: | 2654 | Percent complete: | 66.3%; | Average loss: | 2.6283 |
| Iteration: | 2655 | Percent complete: | 66.4%; | Average loss: | 2.6679 |
| Iteration: | 2656 | Percent complete: | 66.4%; | Average loss: | 2.6015 |
| Iteration: | 2657 | Percent complete: | 66.4%; | Average loss: | 2.9610 |
| Iteration: | 2658 | Percent complete: | 66.5%; | Average loss: | 2.5017 |
| Iteration: | 2659 | Percent complete: | 66.5%; | Average loss: | 2.6200 |
| Iteration: | 2660 | Percent complete: | 66.5%; | Average loss: | 2.4904 |
| Iteration: | 2661 | Percent complete: | 66.5%; | Average loss: | 2.5970 |
| Iteration: | 2662 | Percent complete: | 66.5%; | Average loss: | 2.5145 |
| Iteration: | 2663 | Percent complete: | 66.6%; | Average loss: | 2.4392 |
| Iteration: | 2664 | Percent complete: | 66.6%; | Average loss: | 2.7053 |
| Iteration: | 2665 | Percent complete: | 66.6%; | Average loss: | 2.6838 |
| Iteration: | 2666 | Percent complete: | 66.6%; | Average loss: | 2.5853 |
| Iteration: | 2667 | Percent complete: | 66.7%; | Average loss: | 2.3403 |
| Iteration: | 2668 | Percent complete: | 66.7%; | Average loss: | 2.6757 |
| Iteration: | 2669 | Percent complete: | 66.7%; | Average loss: | 2.6324 |
| Iteration: | 2670 | Percent complete: | 66.8%; | Average loss: | 2.7846 |
| Iteration: | 2671 | Percent complete: | 66.8%; | Average loss: | 2.5382 |
| Iteration: | 2672 | Percent complete: | 66.8%; | Average loss: | 2.5728 |
| Iteration: | 2673 | Percent complete: | 66.8%; | Average loss: | 2.4830 |
| Iteration: | 2674 | Percent complete: | 66.8%; | Average loss: | 2.5583 |
| Iteration: | 2675 | Percent complete: | 66.9%; | Average loss: | 2.4939 |
| Iteration: | 2676 | Percent complete: | 66.9%; | Average loss: | 2.5328 |
| Iteration: | 2677 | Percent complete: | 66.9%; | Average loss: | 2.5217 |
| Iteration: | 2678 | Percent complete: | 67.0%; | Average loss: | 2.6992 |
| Iteration: | 2679 | Percent complete: | 67.0%; | Average loss: | 2.5410 |
| Iteration: | 2680 | Percent complete: | 67.0%; | Average loss: | 2      |





|            |       |         |           |        |         |       |        |
|------------|-------|---------|-----------|--------|---------|-------|--------|
| Iteration: | 2788; | Percent | complete: | 69.7%; | Average | loss: | 2.3564 |
| Iteration: | 2789; | Percent | complete: | 69.7%; | Average | loss: | 2.7123 |
| Iteration: | 2790; | Percent | complete: | 69.8%; | Average | loss: | 2.7929 |
| Iteration: | 2791; | Percent | complete: | 69.8%; | Average | loss: | 2.6009 |
| Iteration: | 2792; | Percent | complete: | 69.8%; | Average | loss: | 2.6916 |
| Iteration: | 2793; | Percent | complete: | 69.8%; | Average | loss: | 2.7826 |
| Iteration: | 2794; | Percent | complete: | 69.8%; | Average | loss: | 2.7098 |
| Iteration: | 2795; | Percent | complete: | 69.9%; | Average | loss: | 2.4314 |
| Iteration: | 2796; | Percent | complete: | 69.9%; | Average | loss: | 2.6847 |
| Iteration: | 2797; | Percent | complete: | 69.9%; | Average | loss: | 2.7563 |
| Iteration: | 2798; | Percent | complete: | 70.0%; | Average | loss: | 2.4562 |
| Iteration: | 2799; | Percent | complete: | 70.0%; | Average | loss: | 2.6913 |
| Iteration: | 2800; | Percent | complete: | 70.0%; | Average | loss: | 2.6183 |
| Iteration: | 2801; | Percent | complete: | 70.0%; | Average | loss: | 2.6048 |
| Iteration: | 2802; | Percent | complete: | 70.0%; | Average | loss: | 2.6779 |
| Iteration: | 2803; | Percent | complete: | 70.1%; | Average | loss: | 2.6403 |
| Iteration: | 2804; | Percent | complete: | 70.1%; | Average | loss: | 2.6709 |
| Iteration: | 2805; | Percent | complete: | 70.1%; | Average | loss: | 2.6498 |
| Iteration: | 2806; | Percent | complete: | 70.2%; | Average | loss: | 2.6226 |
| Iteration: | 2807; | Percent | complete: | 70.2%; | Average | loss: | 2.6103 |
| Iteration: | 2808; | Percent | complete: | 70.2%; | Average | loss: | 2.6578 |
| Iteration: | 2809; | Percent | complete: | 70.2%; | Average | loss: | 2.5503 |
| Iteration: | 2810; | Percent | complete: | 70.2%; | Average | loss: | 2.6473 |
| Iteration: | 2811; | Percent | complete: | 70.3%; | Average | loss: | 2.5984 |
| Iteration: | 2812; | Percent | complete: | 70.3%; | Average | loss: | 2.5585 |
| Iteration: | 2813; | Percent | complete: | 70.3%; | Average | loss: | 2.8197 |
| Iteration: | 2814; | Percent | complete: | 70.3%; | Average | loss: | 2.6202 |
| Iteration: | 2815; | Percent | complete: | 70.4%; | Average | loss: | 2.7107 |
| Iteration: | 2816; | Percent | complete: | 70.4%; | Average | loss: | 2.6286 |
| Iteration: | 2817; | Percent | complete: | 70.4%; | Average | loss: | 2.6217 |
| Iteration: | 2818; | Percent | complete: | 70.5%; | Average | loss: | 2.5562 |
| Iteration: | 2819; | Percent | complete: | 70.5%; | Average | loss: | 2.4438 |
| Iteration: | 2820; | Percent | complete: | 70.5%; | Average | loss: | 2.4819 |
| Iteration: | 2821; | Percent | complete: | 70.5%; | Average | loss: | 2.6846 |
| Iteration: | 2822; | Percent | complete: | 70.5%; | Average | loss: | 2.6557 |
| Iteration: | 2823; | Percent | complete: | 70.6%; | Average | loss: | 2.5656 |
| Iteration: | 2824; | Percent | complete: | 70.6%; | Average | loss: | 2.6136 |
| Iteration: | 2825; | Percent | complete: | 70.6%; | Average | loss: | 2.5152 |
| Iteration: | 2826; | Percent | complete: | 70.7%; | Average | loss: | 2.6923 |
| Iteration: | 2827; | Percent | complete: | 70.7%; | Average | loss: | 2.6608 |
| Iteration: | 2828; | Percent | complete: | 70.7%; | Average | loss: | 2.8138 |
| Iteration: | 2829; | Percent | complete: | 70.7%; | Average | loss: | 2.4189 |
| Iteration: | 2830; | Percent | complete: | 70.8%; | Average | loss: | 2.6014 |
| Iteration: | 2831; | Percent | complete: | 70.8%; | Average | loss: | 2.6655 |
| Iteration: | 2832; | Percent | complete: | 70.8%; | Average | loss: | 2.6997 |
| Iteration: | 2833; | Percent | complete: | 70.8%; | Average | loss: | 2.7476 |
| Iteration: | 2834; | Percent | complete: | 70.9%; | Average | loss: | 2.5557 |
| Iteration: | 2835; | Percent | complete: | 70.9%; | Average | loss: | 2.5152 |
| Iteration: | 2836; | Percent | complete: | 70.9%; | Average | loss: | 2.5919 |
| Iteration: | 2837; | Percent | complete: | 70.9%; | Average | loss: | 2.5993 |
| Iteration: | 2838; | Percent | complete: | 71.0%; | Average | loss: | 2.4533 |
| Iteration: | 2839; | Percent | complete: | 71.0%; | Average | loss: | 2.5624 |
| Iteration: | 2840; | Percent | complete: | 71.0%; | Average | loss: | 2.6048 |
| Iteration: | 2841; | Percent | complete: | 71.0%; | Average | loss: | 2.5076 |
| Iteration: | 2842; | Percent | complete: | 71.0%; | Average | loss: | 2.8228 |
| Iteration: | 2843; | Percent | complete: | 71.1%; | Average | loss: | 2.5128 |
| Iteration: | 2844; | Percent | complete: | 71.1%; | Average | loss: | 2.8504 |
| Iteration: | 2845; | Percent | complete: | 71.1%; | Average | loss: | 2.5905 |
| Iteration: | 2846; | Percent | complete: | 71.2%; | Average | loss: | 2.5666 |
| Iteration: | 2847; | Percent | complete: | 71.2%; | Average | loss: | 2.7318 |
| Iteration: | 2848; | Percent | complete: | 71.2%; | Average | loss: | 2.6283 |
| Iteration: | 2849; | Percent | complete: | 71.2%; | Average | loss: | 2.3747 |
| Iteration: | 2850; | Percent | complete: | 71.2%; | Average | loss: | 2.6477 |
| Iteration: | 2851; | Percent | complete: | 71.3%; | Average | loss: | 2.8079 |

Iteration: 2879; Percent complete: 72.0%; Average loss: 2.8802  
Iteration: 2880; Percent complete: 72.0%; Average loss: 2.3627  
Iteration: 2881; Percent complete: 72.0%; Average loss: 2.6220  
Iteration: 2882; Percent complete: 72.0%; Average loss: 2.5528  
Iteration: 2883; Percent complete: 72.1%; Average loss: 2.5005  
Iteration: 2884; Percent complete: 72.1%; Average loss: 2.7309  
Iteration: 2885; Percent complete: 72.1%; Average loss: 2.5965  
Iteration: 2886; Percent complete: 72.2%; Average loss: 2.7868  
Iteration: 2887; Percent complete: 72.2%; Average loss: 2.5373  
Iteration: 2888; Percent complete: 72.2%; Average loss: 2.5558  
Iteration: 2889; Percent complete: 72.2%; Average loss: 2.5973  
Iteration: 2890; Percent complete: 72.2%; Average loss: 2.5350  
Iteration: 2891; Percent complete: 72.3%; Average loss: 2.6298  
Iteration: 2892; Percent complete: 72.3%; Average loss: 2.5567  
Iteration: 2893; Percent complete: 72.3%; Average loss: 2.4927  
Iteration: 2894; Percent complete: 72.4%; Average loss: 2.6650  
Iteration: 2895; Percent complete: 72.4%; Average loss: 2.4989  
Iteration: 2896; Percent complete: 72.4%; Average loss: 2.5552  
Iteration: 2897; Percent complete: 72.4%; Average loss: 2.4386  
Iteration: 2898; Percent complete: 72.5%; Average loss: 2.7760  
Iteration: 2899; Percent complete: 72.5%; Average loss: 3.0084  
Iteration: 2900; Percent complete: 72.5%; Average loss: 2.4184  
Iteration: 2901; Percent complete: 72.5%; Average loss: 2.6955  
Iteration: 2902; Percent complete: 72.5%; Average loss: 2.8831  
Iteration: 2903; Percent complete: 72.6%; Average loss: 2.4260  
Iteration: 2904; Percent complete: 72.6%; Average loss: 2.4537  
Iteration: 2905; Percent complete: 72.6%; Average loss: 2.5151  
Iteration: 2906; Percent complete: 72.7%; Average loss: 2.5674  
Iteration: 2907; Percent complete: 72.7%; Average loss: 2.5877  
Iteration: 2908; Percent complete: 72.7%; Average loss: 2.4921  
Iteration: 2909; Percent complete: 72.7%; Average loss: 2.5704  
Iteration: 2910; Percent complete: 72.8%; Average loss: 2.4520  
Iteration: 2911; Percent complete: 72.8%; Average loss: 2.6166  
Iteration: 2912; Percent complete: 72.8%; Average loss: 2.6847  
Iteration: 2913; Percent complete: 72.8%; Average loss: 2.7481  
Iteration: 2914; Percent complete: 72.9%; Average loss: 2.6629  
Iteration: 2915; Percent complete: 72.9%; Average loss: 2.5909  
Iteration: 2916; Percent complete: 72.9%; Average loss: 2.1634  
Iteration: 2917; Percent complete: 72.9%; Average loss: 2.4966  
Iteration: 2918; Percent complete: 73.0%; Average loss: 2.5015  
Iteration: 2919; Percent complete: 73.0%; Average loss: 2.6596  
Iteration: 2920; Percent complete: 73.0%; Average loss: 2.5515  
Iteration: 2921; Percent complete: 73.0%; Average loss: 2.6658  
Iteration: 2922; Percent complete: 73.0%; Average loss: 2.5756  
Iteration: 2923; Percent complete: 73.1%; Average loss: 2.5920  
Iteration: 2924; Percent complete: 73.1%; Average loss: 2.7671  
Iteration: 2925; Percent complete: 73.1%; Average loss: 2.8132  
Iteration: 2926; Percent complete: 73.2%; Average loss: 2.5370  
Iteration: 2927; Percent complete: 73.2%; Average loss: 2.9789  
Iteration: 2928; Percent complete: 73.2%; Average loss: 2.6541  
Iteration: 2929; Percent complete: 73.2%; Average loss: 2.4858  
Iteration: 2930; Percent complete: 73.2%; Average loss: 2.6438  
Iteration: 2931; Percent complete: 73.3%; Average loss: 2.8348  
Iteration: 2932; Percent complete: 73.3%; Average loss: 2.7721  
Iteration: 2933; Percent complete: 73.3%; Average loss: 2.8006  
Iteration: 2934; Percent complete: 73.4%; Average loss: 2.5449  
Iteration: 2935; Percent complete: 73.4%; Average loss: 2.6905  
Iteration: 2936; Percent complete: 73.4%; Average loss: 2.5689  
Iteration: 2937; Percent complete: 73.4%; Average loss: 2.5420  
Iteration: 2938; Percent complete: 73.5%; Average loss: 2.6954  
Iteration: 2939; Percent complete: 73.5%; Average loss: 2.6082  
Iteration: 2940; Percent complete: 73.5%; Average loss: 2.4611  
Iteration: 2941; Percent complete: 73.5%; Average loss: 2.5354  
Iteration: 2942; Percent complete: 73.6%; Average loss: 2.7699  
Iteration: 2943; Percent complete: 73.6%; Average loss: 2.5322  
Iteration: 2944; Percent complete: 73.6%; Average loss: 2.7175  
Iteration: 2945; Percent complete: 73.6%; Average loss: 2.3406  
Iteration: 2946; Percent complete: 73.7%; Average loss: 2.7162  
Iteration: 2947; Percent complete: 73.7%; Average loss: 2.6833  
Iteration: 2948; Percent complete: 73.7%; Average loss: 2.7032  
Iteration: 2949; Percent complete: 73.7%; Average loss: 2.5680  
Iteration: 2950; Percent complete: 73.8%; Average loss: 2.5841  
Iteration: 2951; Percent complete: 73.8%; Average loss: 2.6540  
Iteration: 2952; Percent complete: 73.8%; Average loss: 2.7102  
Iteration: 2953; Percent complete: 73.8%; Average loss: 2.4424  
Iteration: 2954; Percent complete: 73.9%; Average loss: 2.4852  
Iteration: 2955; Percent complete: 73.9%; Average loss: 2.7501  
Iteration: 2956; Percent complete: 73.9%; Average loss: 2.5874  
Iteration: 2957; Percent complete: 73.9%; Average loss: 2.6767  
Iteration: 2958; Percent complete: 74.0%; Average loss: 2.6884  
Iteration: 2959; Percent complete: 74.0%; Average loss: 2.7948  
Iteration: 2960; Percent complete: 74.0%; Average loss: 2.7118  
Iteration: 2961; Percent complete: 74.0%; Average loss: 2.4328  
Iteration: 2962; Percent complete: 74.1%; Average loss: 2.7229  
Iteration: 2963; Percent complete: 74.1%; Average loss: 2.6073  
Iteration: 2964; Percent complete: 74.1%; Average loss: 2.4800  
Iteration: 2965; Percent complete: 74.1%; Average loss: 2.6651  
Iteration: 2966; Percent complete: 74.2%; Average loss: 2.7886  
Iteration: 2967; Percent complete: 74.2%; Average loss: 2.4416  
Iteration: 2968; Percent complete: 74.2%; Average loss: 2.6583  
Iteration: 2969; Percent complete: 74.2%; Average loss: 2.5328  
Iteration: 2970; Percent complete: 74.2%; Average loss: 2.7018

|            |       |                   |        |               |        |
|------------|-------|-------------------|--------|---------------|--------|
| Iteration: | 2970; | Percent complete: | 74.2%; | Average loss: | 2.7019 |
| Iteration: | 2971; | Percent complete: | 74.3%; | Average loss: | 2.6791 |
| Iteration: | 2972; | Percent complete: | 74.3%; | Average loss: | 2.6612 |
| Iteration: | 2973; | Percent complete: | 74.3%; | Average loss: | 2.5096 |
| Iteration: | 2974; | Percent complete: | 74.4%; | Average loss: | 2.4744 |
| Iteration: | 2975; | Percent complete: | 74.4%; | Average loss: | 2.8063 |
| Iteration: | 2976; | Percent complete: | 74.4%; | Average loss: | 2.5298 |
| Iteration: | 2977; | Percent complete: | 74.4%; | Average loss: | 2.6863 |
| Iteration: | 2978; | Percent complete: | 74.5%; | Average loss: | 2.5248 |
| Iteration: | 2979; | Percent complete: | 74.5%; | Average loss: | 2.7683 |
| Iteration: | 2980; | Percent complete: | 74.5%; | Average loss: | 2.5466 |
| Iteration: | 2981; | Percent complete: | 74.5%; | Average loss: | 2.5898 |
| Iteration: | 2982; | Percent complete: | 74.6%; | Average loss: | 2.4711 |
| Iteration: | 2983; | Percent complete: | 74.6%; | Average loss: | 2.8955 |
| Iteration: | 2984; | Percent complete: | 74.6%; | Average loss: | 2.5422 |
| Iteration: | 2985; | Percent complete: | 74.6%; | Average loss: | 2.8762 |
| Iteration: | 2986; | Percent complete: | 74.7%; | Average loss: | 2.8273 |
| Iteration: | 2987; | Percent complete: | 74.7%; | Average loss: | 2.6396 |
| Iteration: | 2988; | Percent complete: | 74.7%; | Average loss: | 2.6855 |
| Iteration: | 2989; | Percent complete: | 74.7%; | Average loss: | 2.5022 |
| Iteration: | 2990; | Percent complete: | 74.8%; | Average loss: | 2.4664 |
| Iteration: | 2991; | Percent complete: | 74.8%; | Average loss: | 2.1468 |
| Iteration: | 2992; | Percent complete: | 74.8%; | Average loss: | 2.7953 |
| Iteration: | 2993; | Percent complete: | 74.8%; | Average loss: | 2.5344 |
| Iteration: | 2994; | Percent complete: | 74.9%; | Average loss: | 2.6124 |
| Iteration: | 2995; | Percent complete: | 74.9%; | Average loss: | 2.5054 |
| Iteration: | 2996; | Percent complete: | 74.9%; | Average loss: | 2.4044 |
| Iteration: | 2997; | Percent complete: | 74.9%; | Average loss: | 2.7646 |
| Iteration: | 2998; | Percent complete: | 75.0%; | Average loss: | 2.4218 |
| Iteration: | 2999; | Percent complete: | 75.0%; | Average loss: | 2.8512 |
| Iteration: | 3000; | Percent complete: | 75.0%; | Average loss: | 2.5697 |
| Iteration: | 3001; | Percent complete: | 75.0%; | Average loss: | 2.7666 |
| Iteration: | 3002; | Percent complete: | 75.0%; | Average loss: | 2.4398 |
| Iteration: | 3003; | Percent complete: | 75.1%; | Average loss: | 2.4403 |
| Iteration: | 3004; | Percent complete: | 75.1%; | Average loss: | 2.8232 |
| Iteration: | 3005; | Percent complete: | 75.1%; | Average loss: | 2.6918 |
| Iteration: | 3006; | Percent complete: | 75.1%; | Average loss: | 2.7218 |
| Iteration: | 3007; | Percent complete: | 75.2%; | Average loss: | 2.4863 |
| Iteration: | 3008; | Percent complete: | 75.2%; | Average loss: | 2.5797 |
| Iteration: | 3009; | Percent complete: | 75.2%; | Average loss: | 2.5683 |
| Iteration: | 3010; | Percent complete: | 75.2%; | Average loss: | 2.6629 |
| Iteration: | 3011; | Percent complete: | 75.3%; | Average loss: | 2.4638 |
| Iteration: | 3012; | Percent complete: | 75.3%; | Average loss: | 2.8114 |
| Iteration: | 3013; | Percent complete: | 75.3%; | Average loss: | 2.6495 |
| Iteration: | 3014; | Percent complete: | 75.3%; | Average loss: | 2.6903 |
| Iteration: | 3015; | Percent complete: | 75.4%; | Average loss: | 2.6896 |
| Iteration: | 3016; | Percent complete: | 75.4%; | Average loss: | 2.6055 |
| Iteration: | 3017; | Percent complete: | 75.4%; | Average loss: | 2.3705 |
| Iteration: | 3018; | Percent complete: | 75.4%; | Average loss: | 2.6103 |
| Iteration: | 3019; | Percent complete: | 75.5%; | Average loss: | 2.5197 |
| Iteration: | 3020; | Percent complete: | 75.5%; | Average loss: | 2.6035 |
| Iteration: | 3021; | Percent complete: | 75.5%; | Average loss: | 2.4415 |
| Iteration: | 3022; | Percent complete: | 75.5%; | Average loss: | 2.4515 |
| Iteration: | 3023; | Percent complete: | 75.6%; | Average loss: | 2.4548 |
| Iteration: | 3024; | Percent complete: | 75.6%; | Average loss: | 2.7382 |
| Iteration: | 3025; | Percent complete: | 75.6%; | Average loss: | 2.5412 |
| Iteration: | 3026; | Percent complete: | 75.6%; | Average loss: | 2.9087 |
| Iteration: | 3027; | Percent complete: | 75.7%; | Average loss: | 2.4869 |
| Iteration: | 3028; | Percent complete: | 75.7%; | Average loss: | 2.4583 |
| Iteration: | 3029; | Percent complete: | 75.7%; | Average loss: | 2.5943 |
| Iteration: | 3030; | Percent complete: | 75.8%; | Average loss: | 2.6108 |
| Iteration: | 3031; | Percent complete: | 75.8%; | Average loss: | 2.7189 |
| Iteration: | 3032; | Percent complete: | 75.8%; | Average loss: | 2.6337 |
| Iteration: | 3033; | Percent complete: | 75.8%; | Average loss: | 2.5896 |
| Iteration: | 3034; | Percent complete: | 75.8%; | Average loss: | 2.5657 |
| Iteration: | 3035; | Percent complete: | 75.9%; | Average loss: | 2.7923 |
| Iteration: | 3036; | Percent complete: | 75.9%; | Average loss: | 2.6398 |
| Iteration: | 3037; | Percent complete: | 75.9%; | Average loss: | 2.5805 |
| Iteration: | 3038; | Percent complete: | 75.9%; | Average loss: | 2.2657 |
| Iteration: | 3039; | Percent complete: | 76.0%; | Average loss: | 2.8074 |
| Iteration: | 3040; | Percent complete: | 76.0%; | Average loss: | 2.7655 |
| Iteration: | 3041; | Percent complete: | 76.0%; | Average loss: | 2.4489 |
| Iteration: | 3042; | Percent complete: | 76.0%; | Average loss: | 2.5605 |
| Iteration: | 3043; | Percent complete: | 76.1%; | Average loss: | 2.4476 |
| Iteration: | 3044; | Percent complete: | 76.1%; | Average loss: | 2.7126 |
| Iteration: | 3045; | Percent complete: | 76.1%; | Average loss: | 2      |

|                  |                   |        |               |        |
|------------------|-------------------|--------|---------------|--------|
| Iteration: 3062; | Percent complete: | 76.5%; | Average loss: | 2.5452 |
| Iteration: 3063; | Percent complete: | 76.6%; | Average loss: | 2.8118 |
| Iteration: 3064; | Percent complete: | 76.6%; | Average loss: | 2.6749 |
| Iteration: 3065; | Percent complete: | 76.6%; | Average loss: | 2.5277 |
| Iteration: 3066; | Percent complete: | 76.6%; | Average loss: | 2.7826 |
| Iteration: 3067; | Percent complete: | 76.7%; | Average loss: | 2.6809 |
| Iteration: 3068; | Percent complete: | 76.7%; | Average loss: | 2.6007 |
| Iteration: 3069; | Percent complete: | 76.7%; | Average loss: | 2.5065 |
| Iteration: 3070; | Percent complete: | 76.8%; | Average loss: | 2.8012 |
| Iteration: 3071; | Percent complete: | 76.8%; | Average loss: | 2.6226 |
| Iteration: 3072; | Percent complete: | 76.8%; | Average loss: | 2.4845 |
| Iteration: 3073; | Percent complete: | 76.8%; | Average loss: | 2.8561 |
| Iteration: 3074; | Percent complete: | 76.8%; | Average loss: | 2.6091 |
| Iteration: 3075; | Percent complete: | 76.9%; | Average loss: | 2.8871 |
| Iteration: 3076; | Percent complete: | 76.9%; | Average loss: | 2.8162 |
| Iteration: 3077; | Percent complete: | 76.9%; | Average loss: | 2.5577 |
| Iteration: 3078; | Percent complete: | 77.0%; | Average loss: | 2.7277 |
| Iteration: 3079; | Percent complete: | 77.0%; | Average loss: | 2.5093 |
| Iteration: 3080; | Percent complete: | 77.0%; | Average loss: | 2.6859 |
| Iteration: 3081; | Percent complete: | 77.0%; | Average loss: | 2.9425 |
| Iteration: 3082; | Percent complete: | 77.0%; | Average loss: | 2.5227 |
| Iteration: 3083; | Percent complete: | 77.1%; | Average loss: | 2.4824 |
| Iteration: 3084; | Percent complete: | 77.1%; | Average loss: | 2.7404 |
| Iteration: 3085; | Percent complete: | 77.1%; | Average loss: | 2.8011 |
| Iteration: 3086; | Percent complete: | 77.1%; | Average loss: | 2.7646 |
| Iteration: 3087; | Percent complete: | 77.2%; | Average loss: | 2.5622 |
| Iteration: 3088; | Percent complete: | 77.2%; | Average loss: | 2.9592 |
| Iteration: 3089; | Percent complete: | 77.2%; | Average loss: | 2.4744 |
| Iteration: 3090; | Percent complete: | 77.2%; | Average loss: | 2.4020 |
| Iteration: 3091; | Percent complete: | 77.3%; | Average loss: | 2.8857 |
| Iteration: 3092; | Percent complete: | 77.3%; | Average loss: | 2.5334 |
| Iteration: 3093; | Percent complete: | 77.3%; | Average loss: | 2.5661 |
| Iteration: 3094; | Percent complete: | 77.3%; | Average loss: | 2.5861 |
| Iteration: 3095; | Percent complete: | 77.4%; | Average loss: | 2.6820 |
| Iteration: 3096; | Percent complete: | 77.4%; | Average loss: | 2.5266 |
| Iteration: 3097; | Percent complete: | 77.4%; | Average loss: | 2.5691 |
| Iteration: 3098; | Percent complete: | 77.5%; | Average loss: | 2.6474 |
| Iteration: 3099; | Percent complete: | 77.5%; | Average loss: | 2.7443 |
| Iteration: 3100; | Percent complete: | 77.5%; | Average loss: | 2.4894 |
| Iteration: 3101; | Percent complete: | 77.5%; | Average loss: | 2.5420 |
| Iteration: 3102; | Percent complete: | 77.5%; | Average loss: | 2.4694 |
| Iteration: 3103; | Percent complete: | 77.6%; | Average loss: | 2.5965 |
| Iteration: 3104; | Percent complete: | 77.6%; | Average loss: | 2.5191 |
| Iteration: 3105; | Percent complete: | 77.6%; | Average loss: | 2.5087 |
| Iteration: 3106; | Percent complete: | 77.6%; | Average loss: | 2.5510 |
| Iteration: 3107; | Percent complete: | 77.7%; | Average loss: | 2.6805 |
| Iteration: 3108; | Percent complete: | 77.7%; | Average loss: | 2.6203 |
| Iteration: 3109; | Percent complete: | 77.7%; | Average loss: | 2.6263 |
| Iteration: 3110; | Percent complete: | 77.8%; | Average loss: | 2.5251 |
| Iteration: 3111; | Percent complete: | 77.8%; | Average loss: | 2.5080 |
| Iteration: 3112; | Percent complete: | 77.8%; | Average loss: | 2.6800 |
| Iteration: 3113; | Percent complete: | 77.8%; | Average loss: | 2.6064 |
| Iteration: 3114; | Percent complete: | 77.8%; | Average loss: | 2.5360 |
| Iteration: 3115; | Percent complete: | 77.9%; | Average loss: | 2.5273 |
| Iteration: 3116; | Percent complete: | 77.9%; | Average loss: | 2.5122 |
| Iteration: 3117; | Percent complete: | 77.9%; | Average loss: | 2.8242 |
| Iteration: 3118; | Percent complete: | 78.0%; | Average loss: | 2.4543 |
| Iteration: 3119; | Percent complete: | 78.0%; | Average loss: | 2.7088 |
| Iteration: 3120; | Percent complete: | 78.0%; | Average loss: | 2.5318 |
| Iteration: 3121; | Percent complete: | 78.0%; | Average loss: | 2.5965 |
| Iteration: 3122; | Percent complete: | 78.0%; | Average loss: | 2.6229 |
| Iteration: 3123; | Percent complete: | 78.1%; | Average loss: | 2.4571 |
| Iteration: 3124; | Percent complete: | 78.1%; | Average loss: | 2.7825 |
| Iteration: 3125; | Percent complete: | 78.1%; | Average loss: | 2.7475 |
| Iteration: 3126; | Percent complete: | 78.1%; | Average loss: | 2.7604 |
| Iteration: 3127; | Percent complete: | 78.2%; | Average loss: | 2.4968 |
| Iteration: 3128; | Percent complete: | 78.2%; | Average loss: | 2.3537 |
| Iteration: 3129; | Percent complete: | 78.2%; | Average loss: | 2.4625 |
| Iteration: 3130; | Percent complete: | 78.2%; | Average loss: | 2.6130 |
| Iteration: 3131; | Percent complete: | 78.3%; | Average loss: | 2.5456 |
| Iteration: 3132; | Percent complete: | 78.3%; | Average loss: | 2.7243 |
| Iteration: 3133; | Percent complete: | 78.3%; | Average loss: | 2.6648 |
| Iteration: 3134; | Percent complete: | 78.3%; | Average loss: | 2.5733 |
| Iteration: 3135; | Percent complete: | 78.4%; | Average loss: | 2.6280 |
| Iteration: 3136; | Percent complete: | 78.4%; | Average loss: | 2.5935 |
| Iteration: 3137; | Percent complete: | 78.4%; | Average loss: | 2.6525 |
| Iteration: 3138; | Percent complete: | 78.5%; | Average loss: | 2.6923 |
| Iteration: 3139; | Percent complete: | 78.5%; | Average loss: | 2.6357 |
| Iteration: 3140; | Percent complete: | 78.5%; | Average loss: | 2.5410 |
| Iteration: 3141; | Percent complete: | 78.5%; | Average loss: | 2.5723 |
| Iteration: 3142; |                   |        |               |        |



|                  |                   |        |               |        |
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| Iteration: 3244; | Percent complete: | 81.1%; | Average loss: | 2.5023 |
| Iteration: 3245; | Percent complete: | 81.1%; | Average loss: | 2.6866 |
| Iteration: 3246; | Percent complete: | 81.2%; | Average loss: | 2.3705 |
| Iteration: 3247; | Percent complete: | 81.2%; | Average loss: | 2.7695 |
| Iteration: 3248; | Percent complete: | 81.2%; | Average loss: | 2.6934 |
| Iteration: 3249; | Percent complete: | 81.2%; | Average loss: | 2.5147 |
| Iteration: 3250; | Percent complete: | 81.2%; | Average loss: | 2.5197 |
| Iteration: 3251; | Percent complete: | 81.3%; | Average loss: | 2.6714 |
| Iteration: 3252; | Percent complete: | 81.3%; | Average loss: | 2.7413 |
| Iteration: 3253; | Percent complete: | 81.3%; | Average loss: | 2.6943 |
| Iteration: 3254; | Percent complete: | 81.3%; | Average loss: | 2.6546 |
| Iteration: 3255; | Percent complete: | 81.4%; | Average loss: | 2.3323 |
| Iteration: 3256; | Percent complete: | 81.4%; | Average loss: | 2.3349 |
| Iteration: 3257; | Percent complete: | 81.4%; | Average loss: | 2.6668 |
| Iteration: 3258; | Percent complete: | 81.5%; | Average loss: | 2.5239 |
| Iteration: 3259; | Percent complete: | 81.5%; | Average loss: | 2.2989 |
| Iteration: 3260; | Percent complete: | 81.5%; | Average loss: | 2.5348 |
| Iteration: 3261; | Percent complete: | 81.5%; | Average loss: | 2.5836 |
| Iteration: 3262; | Percent complete: | 81.5%; | Average loss: | 2.5447 |
| Iteration: 3263; | Percent complete: | 81.6%; | Average loss: | 2.7119 |
| Iteration: 3264; | Percent complete: | 81.6%; | Average loss: | 2.6940 |
| Iteration: 3265; | Percent complete: | 81.6%; | Average loss: | 2.6813 |
| Iteration: 3266; | Percent complete: | 81.7%; | Average loss: | 2.7390 |
| Iteration: 3267; | Percent complete: | 81.7%; | Average loss: | 2.4875 |
| Iteration: 3268; | Percent complete: | 81.7%; | Average loss: | 2.5393 |
| Iteration: 3269; | Percent complete: | 81.7%; | Average loss: | 2.6743 |
| Iteration: 3270; | Percent complete: | 81.8%; | Average loss: | 2.3528 |
| Iteration: 3271; | Percent complete: | 81.8%; | Average loss: | 2.6073 |
| Iteration: 3272; | Percent complete: | 81.8%; | Average loss: | 2.4966 |
| Iteration: 3273; | Percent complete: | 81.8%; | Average loss: | 2.5505 |
| Iteration: 3274; | Percent complete: | 81.8%; | Average loss: | 2.4163 |
| Iteration: 3275; | Percent complete: | 81.9%; | Average loss: | 2.8399 |
| Iteration: 3276; | Percent complete: | 81.9%; | Average loss: | 2.7844 |
| Iteration: 3277; | Percent complete: | 81.9%; | Average loss: | 2.5485 |
| Iteration: 3278; | Percent complete: | 82.0%; | Average loss: | 2.5082 |
| Iteration: 3279; | Percent complete: | 82.0%; | Average loss: | 2.7309 |
| Iteration: 3280; | Percent complete: | 82.0%; | Average loss: | 2.5226 |
| Iteration: 3281; | Percent complete: | 82.0%; | Average loss: | 2.4322 |
| Iteration: 3282; | Percent complete: | 82.0%; | Average loss: | 2.5753 |
| Iteration: 3283; | Percent complete: | 82.1%; | Average loss: | 2.7846 |
| Iteration: 3284; | Percent complete: | 82.1%; | Average loss: | 2.5008 |
| Iteration: 3285; | Percent complete: | 82.1%; | Average loss: | 2.7824 |
| Iteration: 3286; | Percent complete: | 82.2%; | Average loss: | 2.7303 |
| Iteration: 3287; | Percent complete: | 82.2%; | Average loss: | 2.7634 |
| Iteration: 3288; | Percent complete: | 82.2%; | Average loss: | 2.5173 |
| Iteration: 3289; | Percent complete: | 82.2%; | Average loss: | 2.6656 |
| Iteration: 3290; | Percent complete: | 82.2%; | Average loss: | 2.6702 |
| Iteration: 3291; | Percent complete: | 82.3%; | Average loss: | 2.4962 |
| Iteration: 3292; | Percent complete: | 82.3%; | Average loss: | 2.5603 |
| Iteration: 3293; | Percent complete: | 82.3%; | Average loss: | 2.5774 |
| Iteration: 3294; | Percent complete: | 82.3%; | Average loss: | 2.5316 |
| Iteration: 3295; | Percent complete: | 82.4%; | Average loss: | 2.6055 |
| Iteration: 3296; | Percent complete: | 82.4%; | Average loss: | 2.5119 |
| Iteration: 3297; | Percent complete: | 82.4%; | Average loss: | 2.6592 |
| Iteration: 3298; | Percent complete: | 82.5%; | Average loss: | 2.5107 |
| Iteration: 3299; | Percent complete: | 82.5%; | Average loss: | 2.5194 |
| Iteration: 3300; | Percent complete: | 82.5%; | Average loss: | 2.7479 |
| Iteration: 3301; | Percent complete: | 82.5%; | Average loss: | 2.8378 |
| Iteration: 3302; | Percent complete: | 82.5%; | Average loss: | 2.5966 |
| Iteration: 3303; | Percent complete: | 82.6%; | Average loss: | 2.6632 |
| Iteration: 3304; | Percent complete: | 82.6%; | Average loss: | 2.7343 |
| Iteration: 3305; | Percent complete: | 82.6%; | Average loss: | 2.7683 |
| Iteration: 3306; | Percent complete: | 82.7%; | Average loss: | 2.4717 |
| Iteration: 3307; | Percent complete: | 82.7%; | Average loss: | 2.6473 |
| Iteration: 3308; | Percent complete: | 82.7%; | Average loss: | 2.5808 |
| Iteration: 3309; | Percent complete: | 82.7%; | Average loss: | 2.4196 |
| Iteration: 3310; | Percent complete: | 82.8%; | Average loss: | 2.6753 |
| Iteration: 3311; | Percent complete: | 82.8%; | Average loss: | 2.5173 |
| Iteration: 3312; | Percent complete: | 82.8%; | Average loss: | 2.6272 |
| Iteration: 3313; | Percent complete: | 82.8%; | Average loss: | 2.6080 |
| Iteration: 3314; | Percent complete: | 82.8%; | Average loss: | 2.7694 |
| Iteration: 3315; | Percent complete: | 82.9%; | Average loss: | 2.4593 |
| Iteration: 3316; | Percent complete: | 82.9%; | Average loss: | 2.6085 |
| Iteration: 3317; | Percent complete: | 82.9%; | Average loss: | 2.5093 |
| Iteration: 3318; | Percent complete: | 83.0%; | Average loss: | 2.4037 |
| Iteration: 3319; | Percent complete: | 83.0%; | Average loss: | 2.6776 |
| Iteration: 3320; | Percent complete: | 83.0%; | Average loss: | 2.5946 |
| Iteration: 3321; | Percent complete: | 83.0%; | Average loss: | 2.5523 |
| Iteration: 3322; | Percent complete: | 83.0%; | Average loss: | 2.5522 |
| Iteration: 3323; | Percent complete: | 83.1%; | Average loss: | 2.2727 |
| Iteration: 3324; |                   |        |               |        |

|            |       |                   |        |               |        |
|------------|-------|-------------------|--------|---------------|--------|
| Iteration: | 3333; | Percent complete: | 83.4%; | Average loss: | 2.7483 |
| Iteration: | 3336; | Percent complete: | 83.4%; | Average loss: | 2.5999 |
| Iteration: | 3337; | Percent complete: | 83.4%; | Average loss: | 2.9148 |
| Iteration: | 3338; | Percent complete: | 83.5%; | Average loss: | 2.5753 |
| Iteration: | 3339; | Percent complete: | 83.5%; | Average loss: | 2.3201 |
| Iteration: | 3340; | Percent complete: | 83.5%; | Average loss: | 2.5993 |
| Iteration: | 3341; | Percent complete: | 83.5%; | Average loss: | 2.7152 |
| Iteration: | 3342; | Percent complete: | 83.5%; | Average loss: | 2.7850 |
| Iteration: | 3343; | Percent complete: | 83.6%; | Average loss: | 2.4841 |
| Iteration: | 3344; | Percent complete: | 83.6%; | Average loss: | 2.5086 |
| Iteration: | 3345; | Percent complete: | 83.6%; | Average loss: | 2.9598 |
| Iteration: | 3346; | Percent complete: | 83.7%; | Average loss: | 2.4792 |
| Iteration: | 3347; | Percent complete: | 83.7%; | Average loss: | 2.6873 |
| Iteration: | 3348; | Percent complete: | 83.7%; | Average loss: | 2.6780 |
| Iteration: | 3349; | Percent complete: | 83.7%; | Average loss: | 2.5903 |
| Iteration: | 3350; | Percent complete: | 83.8%; | Average loss: | 2.7864 |
| Iteration: | 3351; | Percent complete: | 83.8%; | Average loss: | 2.6471 |
| Iteration: | 3352; | Percent complete: | 83.8%; | Average loss: | 2.6568 |
| Iteration: | 3353; | Percent complete: | 83.8%; | Average loss: | 2.4384 |
| Iteration: | 3354; | Percent complete: | 83.9%; | Average loss: | 2.6220 |
| Iteration: | 3355; | Percent complete: | 83.9%; | Average loss: | 2.5700 |
| Iteration: | 3356; | Percent complete: | 83.9%; | Average loss: | 2.8622 |
| Iteration: | 3357; | Percent complete: | 83.9%; | Average loss: | 2.6274 |
| Iteration: | 3358; | Percent complete: | 84.0%; | Average loss: | 2.6064 |
| Iteration: | 3359; | Percent complete: | 84.0%; | Average loss: | 3.0287 |
| Iteration: | 3360; | Percent complete: | 84.0%; | Average loss: | 2.5885 |
| Iteration: | 3361; | Percent complete: | 84.0%; | Average loss: | 2.6434 |
| Iteration: | 3362; | Percent complete: | 84.0%; | Average loss: | 2.4594 |
| Iteration: | 3363; | Percent complete: | 84.1%; | Average loss: | 2.5261 |
| Iteration: | 3364; | Percent complete: | 84.1%; | Average loss: | 2.6032 |
| Iteration: | 3365; | Percent complete: | 84.1%; | Average loss: | 2.5786 |
| Iteration: | 3366; | Percent complete: | 84.2%; | Average loss: | 2.4445 |
| Iteration: | 3367; | Percent complete: | 84.2%; | Average loss: | 2.4597 |
| Iteration: | 3368; | Percent complete: | 84.2%; | Average loss: | 2.5167 |
| Iteration: | 3369; | Percent complete: | 84.2%; | Average loss: | 2.5928 |
| Iteration: | 3370; | Percent complete: | 84.2%; | Average loss: | 2.5469 |
| Iteration: | 3371; | Percent complete: | 84.3%; | Average loss: | 2.3134 |
| Iteration: | 3372; | Percent complete: | 84.3%; | Average loss: | 2.8414 |
| Iteration: | 3373; | Percent complete: | 84.3%; | Average loss: | 2.6093 |
| Iteration: | 3374; | Percent complete: | 84.4%; | Average loss: | 2.5825 |
| Iteration: | 3375; | Percent complete: | 84.4%; | Average loss: | 2.8589 |
| Iteration: | 3376; | Percent complete: | 84.4%; | Average loss: | 2.6664 |
| Iteration: | 3377; | Percent complete: | 84.4%; | Average loss: | 2.5365 |
| Iteration: | 3378; | Percent complete: | 84.5%; | Average loss: | 2.7476 |
| Iteration: | 3379; | Percent complete: | 84.5%; | Average loss: | 2.5425 |
| Iteration: | 3380; | Percent complete: | 84.5%; | Average loss: | 2.7337 |
| Iteration: | 3381; | Percent complete: | 84.5%; | Average loss: | 2.4846 |
| Iteration: | 3382; | Percent complete: | 84.5%; | Average loss: | 2.6843 |
| Iteration: | 3383; | Percent complete: | 84.6%; | Average loss: | 2.6203 |
| Iteration: | 3384; | Percent complete: | 84.6%; | Average loss: | 2.6113 |
| Iteration: | 3385; | Percent complete: | 84.6%; | Average loss: | 2.4759 |
| Iteration: | 3386; | Percent complete: | 84.7%; | Average loss: | 2.5810 |
| Iteration: | 3387; | Percent complete: | 84.7%; | Average loss: | 2.6544 |
| Iteration: | 3388; | Percent complete: | 84.7%; | Average loss: | 2.4614 |
| Iteration: | 3389; | Percent complete: | 84.7%; | Average loss: | 2.6636 |
| Iteration: | 3390; | Percent complete: | 84.8%; | Average loss: | 2.8654 |
| Iteration: | 3391; | Percent complete: | 84.8%; | Average loss: | 2.4988 |
| Iteration: | 3392; | Percent complete: | 84.8%; | Average loss: | 2.7766 |
| Iteration: | 3393; | Percent complete: | 84.8%; | Average loss: | 2.3985 |
| Iteration: | 3394; | Percent complete: | 84.9%; | Average loss: | 2.7135 |
| Iteration: | 3395; | Percent complete: | 84.9%; | Average loss: | 2.6159 |
| Iteration: | 3396; | Percent complete: | 84.9%; | Average loss: | 2.7990 |
| Iteration: | 3397; | Percent complete: | 84.9%; | Average loss: | 2.6010 |
| Iteration: | 3398; | Percent complete: | 85.0%; | Average loss: | 2.8126 |
| Iteration: | 3399; | Percent complete: | 85.0%; | Average loss: | 2.4856 |
| Iteration: | 3400; | Percent complete: | 85.0%; | Average loss: | 2.4806 |
| Iteration: | 3401; | Percent complete: | 85.0%; | Average loss: | 2.7491 |
| Iteration: | 3402; | Percent complete: | 85.0%; | Average loss: | 2.6038 |
| Iteration: | 3403; | Percent complete: | 85.1%; | Average loss: | 2.4525 |
| Iteration: | 3404; | Percent complete: | 85.1%; | Average loss: | 2.8102 |
| Iteration: | 3405; | Percent complete: | 85.1%; | Average loss: | 2.4765 |
| Iteration: | 3406; | Percent complete: | 85.2%; | Average loss: | 2.7490 |
| Iteration: | 3407; | Percent complete: | 85.2%; | Average loss: | 2.6192 |
| Iteration: | 3408; | Percent complete: | 85.2%; | Average loss: | 2.6384 |
| Iteration: | 3409; | Percent complete: | 85.2%; | Average loss: | 2.6173 |
| Iteration: | 3410; | Percent complete: | 85.2%; | Average loss: | 2      |



|            |       |                   |        |               |        |
|------------|-------|-------------------|--------|---------------|--------|
| Iteration: | 3420; | Percent complete: | 85.7%; | Average loss: | 2.5980 |
| Iteration: | 3427; | Percent complete: | 85.7%; | Average loss: | 2.7060 |
| Iteration: | 3428; | Percent complete: | 85.7%; | Average loss: | 2.5040 |
| Iteration: | 3429; | Percent complete: | 85.7%; | Average loss: | 2.7383 |
| Iteration: | 3430; | Percent complete: | 85.8%; | Average loss: | 2.5117 |
| Iteration: | 3431; | Percent complete: | 85.8%; | Average loss: | 2.4980 |
| Iteration: | 3432; | Percent complete: | 85.8%; | Average loss: | 2.4697 |
| Iteration: | 3433; | Percent complete: | 85.8%; | Average loss: | 2.6163 |
| Iteration: | 3434; | Percent complete: | 85.9%; | Average loss: | 2.4513 |
| Iteration: | 3435; | Percent complete: | 85.9%; | Average loss: | 2.6037 |
| Iteration: | 3436; | Percent complete: | 85.9%; | Average loss: | 2.7988 |
| Iteration: | 3437; | Percent complete: | 85.9%; | Average loss: | 2.5029 |
| Iteration: | 3438; | Percent complete: | 86.0%; | Average loss: | 2.5145 |
| Iteration: | 3439; | Percent complete: | 86.0%; | Average loss: | 2.6641 |
| Iteration: | 3440; | Percent complete: | 86.0%; | Average loss: | 2.5932 |
| Iteration: | 3441; | Percent complete: | 86.0%; | Average loss: | 2.4566 |
| Iteration: | 3442; | Percent complete: | 86.1%; | Average loss: | 2.5611 |
| Iteration: | 3443; | Percent complete: | 86.1%; | Average loss: | 2.5038 |
| Iteration: | 3444; | Percent complete: | 86.1%; | Average loss: | 2.6086 |
| Iteration: | 3445; | Percent complete: | 86.1%; | Average loss: | 2.7630 |
| Iteration: | 3446; | Percent complete: | 86.2%; | Average loss: | 2.8589 |
| Iteration: | 3447; | Percent complete: | 86.2%; | Average loss: | 2.7392 |
| Iteration: | 3448; | Percent complete: | 86.2%; | Average loss: | 2.4086 |
| Iteration: | 3449; | Percent complete: | 86.2%; | Average loss: | 2.8049 |
| Iteration: | 3450; | Percent complete: | 86.2%; | Average loss: | 2.6422 |
| Iteration: | 3451; | Percent complete: | 86.3%; | Average loss: | 2.3359 |
| Iteration: | 3452; | Percent complete: | 86.3%; | Average loss: | 2.5484 |
| Iteration: | 3453; | Percent complete: | 86.3%; | Average loss: | 2.5041 |
| Iteration: | 3454; | Percent complete: | 86.4%; | Average loss: | 2.5189 |
| Iteration: | 3455; | Percent complete: | 86.4%; | Average loss: | 2.5928 |
| Iteration: | 3456; | Percent complete: | 86.4%; | Average loss: | 2.5171 |
| Iteration: | 3457; | Percent complete: | 86.4%; | Average loss: | 2.5319 |
| Iteration: | 3458; | Percent complete: | 86.5%; | Average loss: | 2.4074 |
| Iteration: | 3459; | Percent complete: | 86.5%; | Average loss: | 2.5001 |
| Iteration: | 3460; | Percent complete: | 86.5%; | Average loss: | 2.6653 |
| Iteration: | 3461; | Percent complete: | 86.5%; | Average loss: | 2.6755 |
| Iteration: | 3462; | Percent complete: | 86.6%; | Average loss: | 2.7915 |
| Iteration: | 3463; | Percent complete: | 86.6%; | Average loss: | 2.7802 |
| Iteration: | 3464; | Percent complete: | 86.6%; | Average loss: | 2.5929 |
| Iteration: | 3465; | Percent complete: | 86.6%; | Average loss: | 2.4561 |
| Iteration: | 3466; | Percent complete: | 86.7%; | Average loss: | 2.5951 |
| Iteration: | 3467; | Percent complete: | 86.7%; | Average loss: | 2.6785 |
| Iteration: | 3468; | Percent complete: | 86.7%; | Average loss: | 2.6994 |
| Iteration: | 3469; | Percent complete: | 86.7%; | Average loss: | 2.6299 |
| Iteration: | 3470; | Percent complete: | 86.8%; | Average loss: | 2.7404 |
| Iteration: | 3471; | Percent complete: | 86.8%; | Average loss: | 2.4426 |
| Iteration: | 3472; | Percent complete: | 86.8%; | Average loss: | 2.3771 |
| Iteration: | 3473; | Percent complete: | 86.8%; | Average loss: | 2.4703 |
| Iteration: | 3474; | Percent complete: | 86.9%; | Average loss: | 2.6290 |
| Iteration: | 3475; | Percent complete: | 86.9%; | Average loss: | 2.7565 |
| Iteration: | 3476; | Percent complete: | 86.9%; | Average loss: | 2.4167 |
| Iteration: | 3477; | Percent complete: | 86.9%; | Average loss: | 2.6998 |
| Iteration: | 3478; | Percent complete: | 87.0%; | Average loss: | 2.4441 |
| Iteration: | 3479; | Percent complete: | 87.0%; | Average loss: | 2.5114 |
| Iteration: | 3480; | Percent complete: | 87.0%; | Average loss: | 2.6815 |
| Iteration: | 3481; | Percent complete: | 87.0%; | Average loss: | 2.4682 |
| Iteration: | 3482; | Percent complete: | 87.1%; | Average loss: | 2.8017 |
| Iteration: | 3483; | Percent complete: | 87.1%; | Average loss: | 2.6848 |
| Iteration: | 3484; | Percent complete: | 87.1%; | Average loss: | 2.7594 |
| Iteration: | 3485; | Percent complete: | 87.1%; | Average loss: | 2.8443 |
| Iteration: | 3486; | Percent complete: | 87.2%; | Average loss: | 2.7828 |
| Iteration: | 3487; | Percent complete: | 87.2%; | Average loss: | 2.6114 |
| Iteration: | 3488; | Percent complete: | 87.2%; | Average loss: | 2.6643 |
| Iteration: | 3489; | Percent complete: | 87.2%; | Average loss: | 2.6145 |
| Iteration: | 3490; | Percent complete: | 87.2%; | Average loss: | 2.5229 |
| Iteration: | 3491; | Percent complete: | 87.3%; | Average loss: | 2.8100 |
| Iteration: | 3492; | Percent complete: | 87.3%; | Average loss: | 2.3208 |
| Iteration: | 3493; | Percent complete: | 87.3%; | Average loss: | 2.7829 |
| Iteration: | 3494; | Percent complete: | 87.4%; | Average loss: | 2.7287 |
| Iteration: | 3495; | Percent complete: | 87.4%; | Average loss: | 2.6651 |
| Iteration: | 3496; | Percent complete: | 87.4%; | Average loss: | 2.8231 |
| Iteration: | 3497; | Percent complete: | 87.4%; | Average loss: | 2.5579 |
| Iteration: | 3498; | Percent complete: | 87.5%; | Average loss: | 2.4204 |
| Iteration: | 3499; | Percent complete: | 87.5%; | Average loss: | 2.6998 |
| Iteration: | 3500; | Percent complete: | 87.5%; | Average loss: | 2.6172 |
| Iteration: | 3501; | Percent complete: | 87.5%; | Average loss: | 2      |

Iteration: 3518; Percent complete: 87.9%; Average loss: 2.4782  
Iteration: 3519; Percent complete: 88.0%; Average loss: 2.6509  
Iteration: 3520; Percent complete: 88.0%; Average loss: 2.7372  
Iteration: 3521; Percent complete: 88.0%; Average loss: 2.7479  
Iteration: 3522; Percent complete: 88.0%; Average loss: 2.6786  
Iteration: 3523; Percent complete: 88.1%; Average loss: 2.4103  
Iteration: 3524; Percent complete: 88.1%; Average loss: 2.6137  
Iteration: 3525; Percent complete: 88.1%; Average loss: 2.8058  
Iteration: 3526; Percent complete: 88.1%; Average loss: 2.6907  
Iteration: 3527; Percent complete: 88.2%; Average loss: 2.4742  
Iteration: 3528; Percent complete: 88.2%; Average loss: 2.9037  
Iteration: 3529; Percent complete: 88.2%; Average loss: 2.6717  
Iteration: 3530; Percent complete: 88.2%; Average loss: 2.4775  
Iteration: 3531; Percent complete: 88.3%; Average loss: 2.4262  
Iteration: 3532; Percent complete: 88.3%; Average loss: 2.5805  
Iteration: 3533; Percent complete: 88.3%; Average loss: 2.5058  
Iteration: 3534; Percent complete: 88.3%; Average loss: 2.8039  
Iteration: 3535; Percent complete: 88.4%; Average loss: 2.6165  
Iteration: 3536; Percent complete: 88.4%; Average loss: 2.7230  
Iteration: 3537; Percent complete: 88.4%; Average loss: 2.6966  
Iteration: 3538; Percent complete: 88.4%; Average loss: 2.5753  
Iteration: 3539; Percent complete: 88.5%; Average loss: 2.4435  
Iteration: 3540; Percent complete: 88.5%; Average loss: 2.7688  
Iteration: 3541; Percent complete: 88.5%; Average loss: 2.7014  
Iteration: 3542; Percent complete: 88.5%; Average loss: 2.5313  
Iteration: 3543; Percent complete: 88.6%; Average loss: 2.4864  
Iteration: 3544; Percent complete: 88.6%; Average loss: 2.6491  
Iteration: 3545; Percent complete: 88.6%; Average loss: 2.7143  
Iteration: 3546; Percent complete: 88.6%; Average loss: 2.4859  
Iteration: 3547; Percent complete: 88.7%; Average loss: 2.5483  
Iteration: 3548; Percent complete: 88.7%; Average loss: 2.5402  
Iteration: 3549; Percent complete: 88.7%; Average loss: 2.4085  
Iteration: 3550; Percent complete: 88.8%; Average loss: 2.5348  
Iteration: 3551; Percent complete: 88.8%; Average loss: 2.7566  
Iteration: 3552; Percent complete: 88.8%; Average loss: 2.6694  
Iteration: 3553; Percent complete: 88.8%; Average loss: 2.3710  
Iteration: 3554; Percent complete: 88.8%; Average loss: 2.7309  
Iteration: 3555; Percent complete: 88.9%; Average loss: 2.8820  
Iteration: 3556; Percent complete: 88.9%; Average loss: 2.6369  
Iteration: 3557; Percent complete: 88.9%; Average loss: 2.4850  
Iteration: 3558; Percent complete: 88.9%; Average loss: 2.8111  
Iteration: 3559; Percent complete: 89.0%; Average loss: 2.1970  
Iteration: 3560; Percent complete: 89.0%; Average loss: 2.5526  
Iteration: 3561; Percent complete: 89.0%; Average loss: 2.6820  
Iteration: 3562; Percent complete: 89.0%; Average loss: 2.5764  
Iteration: 3563; Percent complete: 89.1%; Average loss: 2.5130  
Iteration: 3564; Percent complete: 89.1%; Average loss: 2.4318  
Iteration: 3565; Percent complete: 89.1%; Average loss: 2.5961  
Iteration: 3566; Percent complete: 89.1%; Average loss: 2.6838  
Iteration: 3567; Percent complete: 89.2%; Average loss: 2.5385  
Iteration: 3568; Percent complete: 89.2%; Average loss: 2.6983  
Iteration: 3569; Percent complete: 89.2%; Average loss: 2.5540  
Iteration: 3570; Percent complete: 89.2%; Average loss: 2.4718  
Iteration: 3571; Percent complete: 89.3%; Average loss: 2.5405  
Iteration: 3572; Percent complete: 89.3%; Average loss: 2.4966  
Iteration: 3573; Percent complete: 89.3%; Average loss: 2.3545  
Iteration: 3574; Percent complete: 89.3%; Average loss: 2.5510  
Iteration: 3575; Percent complete: 89.4%; Average loss: 2.5907  
Iteration: 3576; Percent complete: 89.4%; Average loss: 2.6188  
Iteration: 3577; Percent complete: 89.4%; Average loss: 2.4941  
Iteration: 3578; Percent complete: 89.5%; Average loss: 2.7969  
Iteration: 3579; Percent complete: 89.5%; Average loss: 2.5236  
Iteration: 3580; Percent complete: 89.5%; Average loss: 2.6880  
Iteration: 3581; Percent complete: 89.5%; Average loss: 2.6306  
Iteration: 3582; Percent complete: 89.5%; Average loss: 2.8549  
Iteration: 3583; Percent complete: 89.6%; Average loss: 2.7361  
Iteration: 3584; Percent complete: 89.6%; Average loss: 2.4672  
Iteration: 3585; Percent complete: 89.6%; Average loss: 2.5008  
Iteration: 3586; Percent complete: 89.6%; Average loss: 2.8885  
Iteration: 3587; Percent complete: 89.7%; Average loss: 2.4777  
Iteration: 3588; Percent complete: 89.7%; Average loss: 2.6935  
Iteration: 3589; Percent complete: 89.7%; Average loss: 2.8707  
Iteration: 3590; Percent complete: 89.8%; Average loss: 2.4175  
Iteration: 3591; Percent complete: 89.8%; Average loss: 2.6727  
Iteration: 3592; Percent complete: 89.8%; Average loss: 2.8399  
Iteration: 3593; Percent complete: 89.8%; Average loss: 2.6616  
Iteration: 3594; Percent complete: 89.8%; Average loss: 2.6931  
Iteration: 3595; Percent complete: 89.9%; Average loss: 2.5037  
Iteration: 3596; Percent complete: 89.9%; Average loss: 2.6093  
Iteration: 3597; Percent complete: 89.9%; Average loss: 2.5658  
Iteration: 3598; Percent complete: 90.0%; Average loss: 2.5833  
Iteration: 3599; Percent complete: 90.0%; Average loss: 2.6633  
Iteration: 3600; Percent complete: 90.0%; Average loss: 2.7295  
Iteration: 3601; Percent complete: 90.0%; Average loss: 2.6726  
Iteration: 3602; Percent complete: 90.0%; Average loss: 2.6192  
Iteration: 3603; Percent complete: 90.1%; Average loss: 2.9382  
Iteration: 3604; Percent complete: 90.1%; Average loss: 2.6044  
Iteration: 3605; Percent complete: 90.1%; Average loss: 2.6135  
Iteration: 3606; Percent complete: 90.1%; Average loss: 2.5821  
Iteration: 3607; Percent complete: 90.2%; Average loss: 2.6100  
Iteration: 3608; Percent complete: 90.2%; Average loss: 2.6867

|            |       |         |           |        |         |       |        |
|------------|-------|---------|-----------|--------|---------|-------|--------|
| Iteration: | 3609; | Percent | complete: | 90.2%; | Average | loss: | 2.5940 |
| Iteration: | 3610; | Percent | complete: | 90.2%; | Average | loss: | 2.5634 |
| Iteration: | 3611; | Percent | complete: | 90.3%; | Average | loss: | 2.5169 |
| Iteration: | 3612; | Percent | complete: | 90.3%; | Average | loss: | 2.6324 |
| Iteration: | 3613; | Percent | complete: | 90.3%; | Average | loss: | 2.6297 |
| Iteration: | 3614; | Percent | complete: | 90.3%; | Average | loss: | 2.6836 |
| Iteration: | 3615; | Percent | complete: | 90.4%; | Average | loss: | 2.4382 |
| Iteration: | 3616; | Percent | complete: | 90.4%; | Average | loss: | 2.4559 |
| Iteration: | 3617; | Percent | complete: | 90.4%; | Average | loss: | 2.7210 |
| Iteration: | 3618; | Percent | complete: | 90.5%; | Average | loss: | 2.7386 |
| Iteration: | 3619; | Percent | complete: | 90.5%; | Average | loss: | 2.6510 |
| Iteration: | 3620; | Percent | complete: | 90.5%; | Average | loss: | 2.9051 |
| Iteration: | 3621; | Percent | complete: | 90.5%; | Average | loss: | 2.5107 |
| Iteration: | 3622; | Percent | complete: | 90.5%; | Average | loss: | 2.4941 |
| Iteration: | 3623; | Percent | complete: | 90.6%; | Average | loss: | 2.3896 |
| Iteration: | 3624; | Percent | complete: | 90.6%; | Average | loss: | 2.5287 |
| Iteration: | 3625; | Percent | complete: | 90.6%; | Average | loss: | 2.6350 |
| Iteration: | 3626; | Percent | complete: | 90.6%; | Average | loss: | 2.5313 |
| Iteration: | 3627; | Percent | complete: | 90.7%; | Average | loss: | 2.6743 |
| Iteration: | 3628; | Percent | complete: | 90.7%; | Average | loss: | 2.4977 |
| Iteration: | 3629; | Percent | complete: | 90.7%; | Average | loss: | 2.7834 |
| Iteration: | 3630; | Percent | complete: | 90.8%; | Average | loss: | 2.5694 |
| Iteration: | 3631; | Percent | complete: | 90.8%; | Average | loss: | 2.6452 |
| Iteration: | 3632; | Percent | complete: | 90.8%; | Average | loss: | 2.7544 |
| Iteration: | 3633; | Percent | complete: | 90.8%; | Average | loss: | 2.5654 |
| Iteration: | 3634; | Percent | complete: | 90.8%; | Average | loss: | 2.6401 |
| Iteration: | 3635; | Percent | complete: | 90.9%; | Average | loss: | 2.4402 |
| Iteration: | 3636; | Percent | complete: | 90.9%; | Average | loss: | 2.5076 |
| Iteration: | 3637; | Percent | complete: | 90.9%; | Average | loss: | 2.5661 |
| Iteration: | 3638; | Percent | complete: | 91.0%; | Average | loss: | 2.6305 |
| Iteration: | 3639; | Percent | complete: | 91.0%; | Average | loss: | 2.6176 |
| Iteration: | 3640; | Percent | complete: | 91.0%; | Average | loss: | 2.4956 |
| Iteration: | 3641; | Percent | complete: | 91.0%; | Average | loss: | 2.6271 |
| Iteration: | 3642; | Percent | complete: | 91.0%; | Average | loss: | 2.7294 |
| Iteration: | 3643; | Percent | complete: | 91.1%; | Average | loss: | 2.6525 |
| Iteration: | 3644; | Percent | complete: | 91.1%; | Average | loss: | 2.6151 |
| Iteration: | 3645; | Percent | complete: | 91.1%; | Average | loss: | 2.6167 |
| Iteration: | 3646; | Percent | complete: | 91.1%; | Average | loss: | 2.5390 |
| Iteration: | 3647; | Percent | complete: | 91.2%; | Average | loss: | 2.7288 |
| Iteration: | 3648; | Percent | complete: | 91.2%; | Average | loss: | 2.5867 |
| Iteration: | 3649; | Percent | complete: | 91.2%; | Average | loss: | 2.6368 |
| Iteration: | 3650; | Percent | complete: | 91.2%; | Average | loss: | 2.7185 |
| Iteration: | 3651; | Percent | complete: | 91.3%; | Average | loss: | 2.5223 |
| Iteration: | 3652; | Percent | complete: | 91.3%; | Average | loss: | 2.5854 |
| Iteration: | 3653; | Percent | complete: | 91.3%; | Average | loss: | 2.7638 |
| Iteration: | 3654; | Percent | complete: | 91.3%; | Average | loss: | 2.7292 |
| Iteration: | 3655; | Percent | complete: | 91.4%; | Average | loss: | 2.5451 |
| Iteration: | 3656; | Percent | complete: | 91.4%; | Average | loss: | 2.4877 |
| Iteration: | 3657; | Percent | complete: | 91.4%; | Average | loss: | 2.5199 |
| Iteration: | 3658; | Percent | complete: | 91.5%; | Average | loss: | 2.5679 |
| Iteration: | 3659; | Percent | complete: | 91.5%; | Average | loss: | 2.6480 |
| Iteration: | 3660; | Percent | complete: | 91.5%; | Average | loss: | 2.6741 |
| Iteration: | 3661; | Percent | complete: | 91.5%; | Average | loss: | 2.6149 |
| Iteration: | 3662; | Percent | complete: | 91.5%; | Average | loss: | 2.6798 |
| Iteration: | 3663; | Percent | complete: | 91.6%; | Average | loss: | 2.5626 |
| Iteration: | 3664; | Percent | complete: | 91.6%; | Average | loss: | 2.4060 |
| Iteration: | 3665; | Percent | complete: | 91.6%; | Average | loss: | 2.8122 |
| Iteration: | 3666; | Percent | complete: | 91.6%; | Average | loss: | 2.6063 |
| Iteration: | 3667; | Percent | complete: | 91.7%; | Average | loss: | 2.9620 |
| Iteration: | 3668; | Percent | complete: | 91.7%; | Average | loss: | 2.7026 |
| Iteration: | 3669; | Percent | complete: | 91.7%; | Average | loss: | 2.5374 |
| Iteration: | 3670; | Percent | complete: | 91.8%; | Average | loss: | 2.6514 |
| Iteration: | 3671; | Percent | complete: | 91.8%; | Average | loss: | 2.6670 |
| Iteration: | 3672; | Percent | complete: | 91.8%; | Average | loss: | 2.5980 |

Iteration: 3700; Percent complete: 92.5%; Average loss: 2.5842  
Iteration: 3701; Percent complete: 92.5%; Average loss: 2.4600  
Iteration: 3702; Percent complete: 92.5%; Average loss: 2.6261  
Iteration: 3703; Percent complete: 92.6%; Average loss: 2.7038  
Iteration: 3704; Percent complete: 92.6%; Average loss: 2.8349  
Iteration: 3705; Percent complete: 92.6%; Average loss: 2.5108  
Iteration: 3706; Percent complete: 92.7%; Average loss: 2.7682  
Iteration: 3707; Percent complete: 92.7%; Average loss: 2.4460  
Iteration: 3708; Percent complete: 92.7%; Average loss: 2.8085  
Iteration: 3709; Percent complete: 92.7%; Average loss: 2.4538  
Iteration: 3710; Percent complete: 92.8%; Average loss: 2.5712  
Iteration: 3711; Percent complete: 92.8%; Average loss: 2.5135  
Iteration: 3712; Percent complete: 92.8%; Average loss: 2.3688  
Iteration: 3713; Percent complete: 92.8%; Average loss: 2.4899  
Iteration: 3714; Percent complete: 92.8%; Average loss: 2.7490  
Iteration: 3715; Percent complete: 92.9%; Average loss: 2.6418  
Iteration: 3716; Percent complete: 92.9%; Average loss: 2.5716  
Iteration: 3717; Percent complete: 92.9%; Average loss: 2.8201  
Iteration: 3718; Percent complete: 93.0%; Average loss: 2.7890  
Iteration: 3719; Percent complete: 93.0%; Average loss: 2.6401  
Iteration: 3720; Percent complete: 93.0%; Average loss: 2.5263  
Iteration: 3721; Percent complete: 93.0%; Average loss: 2.5939  
Iteration: 3722; Percent complete: 93.0%; Average loss: 2.7144  
Iteration: 3723; Percent complete: 93.1%; Average loss: 2.6064  
Iteration: 3724; Percent complete: 93.1%; Average loss: 2.5872  
Iteration: 3725; Percent complete: 93.1%; Average loss: 2.5187  
Iteration: 3726; Percent complete: 93.2%; Average loss: 2.6754  
Iteration: 3727; Percent complete: 93.2%; Average loss: 2.6086  
Iteration: 3728; Percent complete: 93.2%; Average loss: 2.8057  
Iteration: 3729; Percent complete: 93.2%; Average loss: 2.6468  
Iteration: 3730; Percent complete: 93.2%; Average loss: 2.6469  
Iteration: 3731; Percent complete: 93.3%; Average loss: 2.4426  
Iteration: 3732; Percent complete: 93.3%; Average loss: 2.5135  
Iteration: 3733; Percent complete: 93.3%; Average loss: 2.5782  
Iteration: 3734; Percent complete: 93.3%; Average loss: 2.5626  
Iteration: 3735; Percent complete: 93.4%; Average loss: 2.4324  
Iteration: 3736; Percent complete: 93.4%; Average loss: 2.8469  
Iteration: 3737; Percent complete: 93.4%; Average loss: 2.5551  
Iteration: 3738; Percent complete: 93.5%; Average loss: 2.6565  
Iteration: 3739; Percent complete: 93.5%; Average loss: 2.6732  
Iteration: 3740; Percent complete: 93.5%; Average loss: 2.4084  
Iteration: 3741; Percent complete: 93.5%; Average loss: 2.4889  
Iteration: 3742; Percent complete: 93.5%; Average loss: 2.4742  
Iteration: 3743; Percent complete: 93.6%; Average loss: 2.5569  
Iteration: 3744; Percent complete: 93.6%; Average loss: 2.9111  
Iteration: 3745; Percent complete: 93.6%; Average loss: 2.4233  
Iteration: 3746; Percent complete: 93.7%; Average loss: 2.7784  
Iteration: 3747; Percent complete: 93.7%; Average loss: 2.6625  
Iteration: 3748; Percent complete: 93.7%; Average loss: 2.6358  
Iteration: 3749; Percent complete: 93.7%; Average loss: 2.5974  
Iteration: 3750; Percent complete: 93.8%; Average loss: 2.6314  
Iteration: 3751; Percent complete: 93.8%; Average loss: 2.6784  
Iteration: 3752; Percent complete: 93.8%; Average loss: 2.6735  
Iteration: 3753; Percent complete: 93.8%; Average loss: 2.7777  
Iteration: 3754; Percent complete: 93.8%; Average loss: 2.7342  
Iteration: 3755; Percent complete: 93.9%; Average loss: 2.8914  
Iteration: 3756; Percent complete: 93.9%; Average loss: 2.6696  
Iteration: 3757; Percent complete: 93.9%; Average loss: 2.5792  
Iteration: 3758; Percent complete: 94.0%; Average loss: 2.5796  
Iteration: 3759; Percent complete: 94.0%; Average loss: 2.5216  
Iteration: 3760; Percent complete: 94.0%; Average loss: 2.5818  
Iteration: 3761; Percent complete: 94.0%; Average loss: 2.6564  
Iteration: 3762; Percent complete: 94.0%; Average loss: 2.6801  
Iteration: 3763; Percent complete: 94.1%; Average loss: 2.7587  
Iteration: 3764; Percent complete: 94.1%; Average loss: 2.5859  
Iteration: 3765; Percent complete: 94.1%; Average loss: 2.8469  
Iteration: 3766; Percent complete: 94.2%; Average loss: 2.6444  
Iteration: 3767; Percent complete: 94.2%; Average loss: 2.5667  
Iteration: 3768; Percent complete: 94.2%; Average loss: 2.8516  
Iteration: 3769; Percent complete: 94.2%; Average loss: 2.5637  
Iteration: 3770; Percent complete: 94.2%; Average loss: 2.6805  
Iteration: 3771; Percent complete: 94.3%; Average loss: 2.7169  
Iteration: 3772; Percent complete: 94.3%; Average loss: 2.6043  
Iteration: 3773; Percent complete: 94.3%; Average loss: 2.5688  
Iteration: 3774; Percent complete: 94.3%; Average loss: 2.7240  
Iteration: 3775; Percent complete: 94.4%; Average loss: 2.7317  
Iteration: 3776; Percent complete: 94.4%; Average loss: 2.3050  
Iteration: 3777; Percent complete: 94.4%; Average loss: 2.4949  
Iteration: 3778; Percent complete: 94.5%; Average loss: 2.5347  
Iteration: 3779; Percent complete: 94.5%; Average loss: 2.6349  
Iteration: 3780; Percent complete: 94.5%; Average loss: 2.5115  
Iteration: 3781; Percent complete: 94.5%; Average loss: 2.7922  
Iteration: 3782; Percent complete: 94.5%; Average loss: 2.7054  
Iteration: 3783; Percent complete: 94.6%; Average loss: 2.5432  
Iteration: 3784; Percent complete: 94.6%; Average loss: 2.6801  
Iteration: 3785; Percent complete: 94.6%; Average loss: 2.5285  
Iteration: 3786; Percent complete: 94.7%; Average loss: 2.7703  
Iteration: 3787; Percent complete: 94.7%; Average loss: 2.7642  
Iteration: 3788; Percent complete: 94.7%; Average loss: 2.5204  
Iteration: 3789; Percent complete: 94.7%; Average loss: 2.7095  
Iteration: 3790; Percent complete: 94.8%; Average loss: 2.4708  
Iteration: 3791; Percent complete: 94.8%; Average loss: 2.7848

|                  |                   |        |               |        |
|------------------|-------------------|--------|---------------|--------|
| Iteration: 3792; | Percent complete: | 94.8%; | Average loss: | 2.7401 |
| Iteration: 3793; | Percent complete: | 94.8%; | Average loss: | 2.6534 |
| Iteration: 3794; | Percent complete: | 94.8%; | Average loss: | 2.6019 |
| Iteration: 3795; | Percent complete: | 94.9%; | Average loss: | 2.6163 |
| Iteration: 3796; | Percent complete: | 94.9%; | Average loss: | 2.5806 |
| Iteration: 3797; | Percent complete: | 94.9%; | Average loss: | 2.6509 |
| Iteration: 3798; | Percent complete: | 95.0%; | Average loss: | 2.6265 |
| Iteration: 3799; | Percent complete: | 95.0%; | Average loss: | 2.6794 |
| Iteration: 3800; | Percent complete: | 95.0%; | Average loss: | 2.5311 |
| Iteration: 3801; | Percent complete: | 95.0%; | Average loss: | 2.5246 |
| Iteration: 3802; | Percent complete: | 95.0%; | Average loss: | 2.7018 |
| Iteration: 3803; | Percent complete: | 95.1%; | Average loss: | 2.7996 |
| Iteration: 3804; | Percent complete: | 95.1%; | Average loss: | 2.7206 |
| Iteration: 3805; | Percent complete: | 95.1%; | Average loss: | 2.6283 |
| Iteration: 3806; | Percent complete: | 95.2%; | Average loss: | 2.5097 |
| Iteration: 3807; | Percent complete: | 95.2%; | Average loss: | 2.7681 |
| Iteration: 3808; | Percent complete: | 95.2%; | Average loss: | 2.5423 |
| Iteration: 3809; | Percent complete: | 95.2%; | Average loss: | 2.7223 |
| Iteration: 3810; | Percent complete: | 95.2%; | Average loss: | 2.6724 |
| Iteration: 3811; | Percent complete: | 95.3%; | Average loss: | 2.5388 |
| Iteration: 3812; | Percent complete: | 95.3%; | Average loss: | 2.7493 |
| Iteration: 3813; | Percent complete: | 95.3%; | Average loss: | 2.7259 |
| Iteration: 3814; | Percent complete: | 95.3%; | Average loss: | 2.6734 |
| Iteration: 3815; | Percent complete: | 95.4%; | Average loss: | 2.6753 |
| Iteration: 3816; | Percent complete: | 95.4%; | Average loss: | 2.5576 |
| Iteration: 3817; | Percent complete: | 95.4%; | Average loss: | 2.6796 |
| Iteration: 3818; | Percent complete: | 95.5%; | Average loss: | 2.4223 |
| Iteration: 3819; | Percent complete: | 95.5%; | Average loss: | 2.6248 |
| Iteration: 3820; | Percent complete: | 95.5%; | Average loss: | 2.2481 |
| Iteration: 3821; | Percent complete: | 95.5%; | Average loss: | 2.6447 |
| Iteration: 3822; | Percent complete: | 95.5%; | Average loss: | 2.7149 |
| Iteration: 3823; | Percent complete: | 95.6%; | Average loss: | 2.5952 |
| Iteration: 3824; | Percent complete: | 95.6%; | Average loss: | 2.5537 |
| Iteration: 3825; | Percent complete: | 95.6%; | Average loss: | 2.4342 |
| Iteration: 3826; | Percent complete: | 95.7%; | Average loss: | 2.5348 |
| Iteration: 3827; | Percent complete: | 95.7%; | Average loss: | 2.6660 |
| Iteration: 3828; | Percent complete: | 95.7%; | Average loss: | 2.7459 |
| Iteration: 3829; | Percent complete: | 95.7%; | Average loss: | 2.5881 |
| Iteration: 3830; | Percent complete: | 95.8%; | Average loss: | 2.6253 |
| Iteration: 3831; | Percent complete: | 95.8%; | Average loss: | 2.5364 |
| Iteration: 3832; | Percent complete: | 95.8%; | Average loss: | 2.6740 |
| Iteration: 3833; | Percent complete: | 95.8%; | Average loss: | 2.6095 |
| Iteration: 3834; | Percent complete: | 95.9%; | Average loss: | 2.5309 |
| Iteration: 3835; | Percent complete: | 95.9%; | Average loss: | 2.4558 |
| Iteration: 3836; | Percent complete: | 95.9%; | Average loss: | 2.7440 |
| Iteration: 3837; | Percent complete: | 95.9%; | Average loss: | 2.4806 |
| Iteration: 3838; | Percent complete: | 96.0%; | Average loss: | 2.5825 |
| Iteration: 3839; | Percent complete: | 96.0%; | Average loss: | 2.5612 |
| Iteration: 3840; | Percent complete: | 96.0%; | Average loss: | 2.3990 |
| Iteration: 3841; | Percent complete: | 96.0%; | Average loss: | 2.5678 |
| Iteration: 3842; | Percent complete: | 96.0%; | Average loss: | 2.5369 |
| Iteration: 3843; | Percent complete: | 96.1%; | Average loss: | 2.5211 |
| Iteration: 3844; | Percent complete: | 96.1%; | Average loss: | 2.5973 |
| Iteration: 3845; | Percent complete: | 96.1%; | Average loss: | 2.6900 |
| Iteration: 3846; | Percent complete: | 96.2%; | Average loss: | 2.6253 |
| Iteration: 3847; | Percent complete: | 96.2%; | Average loss: | 2.7274 |
| Iteration: 3848; | Percent complete: | 96.2%; | Average loss: | 2.6718 |
| Iteration: 3849; | Percent complete: | 96.2%; | Average loss: | 2.6375 |
| Iteration: 3850; | Percent complete: | 96.2%; | Average loss: | 2.6498 |
| Iteration: 3851; | Percent complete: | 96.3%; | Average loss: | 2.5600 |
| Iteration: 3852; | Percent complete: | 96.3%; | Average loss: | 2.6477 |
| Iteration: 3853; | Percent complete: | 96.3%; | Average loss: | 2.6701 |
| Iteration: 3854; | Percent complete: | 96.4%; | Average loss: | 2.8008 |
| Iteration: 3855; | Percent complete: | 96.4%; | Average loss: | 2.5935 |
| Iteration: 3856; | Percent complete: | 96.4%; | Average loss: | 2.6555 |
| Iteration: 3857; | Percent complete: | 96.4%; | Average loss: | 2.5878 |
| Iteration: 3858; | Percent complete: | 96.5%; | Average loss: | 2.5785 |
| Iteration: 3859; | Percent complete: | 96.5%; | Average loss: | 2.6595 |
| Iteration: 3860; | Percent complete: | 96.5%; | Average loss: | 2.7556 |
| Iteration: 3861; | Percent complete: | 96.5%; | Average loss: | 2.8025 |
| Iteration: 3862; | Percent complete: | 96.5%; | Average loss: | 2.6836 |
| Iteration: 3863; | Percent complete: | 96.6%; | Average loss: | 2.6518 |
| Iteration: 3864; | Percent complete: | 96.6%; | Average loss: | 2.6346 |
| Iteration: 3865; | Percent complete: | 96.6%; | Average loss: | 2.3995 |
| Iteration: 3866; | Percent complete: | 96.7%; | Average loss: | 2.5021 |
| Iteration: 3867; | Percent complete: | 96.7%; | Average loss: | 2.3897 |
| Iteration: 3868; | Percent complete: | 96.7%; | Average loss: | 2.5274 |
| Iteration: 3869; | Percent complete: | 96.7%; | Average loss: | 2.7101 |
| Iteration: 3870; | Percent complete: | 96.8%; | Average loss: | 2.5645 |
| Iteration: 3871; | Percent complete: | 96.8%; | Average loss: | 2.6432 |
| Iteration: 3872; |                   |        |               |        |

|            |       |         |           |        |         |       |        |
|------------|-------|---------|-----------|--------|---------|-------|--------|
| Iteration: | 3883; | Percent | complete: | 97.1%; | Average | loss: | 2.6740 |
| Iteration: | 3884; | Percent | complete: | 97.1%; | Average | loss: | 2.6135 |
| Iteration: | 3885; | Percent | complete: | 97.1%; | Average | loss: | 2.6288 |
| Iteration: | 3886; | Percent | complete: | 97.2%; | Average | loss: | 2.5412 |
| Iteration: | 3887; | Percent | complete: | 97.2%; | Average | loss: | 2.6690 |
| Iteration: | 3888; | Percent | complete: | 97.2%; | Average | loss: | 2.6623 |
| Iteration: | 3889; | Percent | complete: | 97.2%; | Average | loss: | 2.5315 |
| Iteration: | 3890; | Percent | complete: | 97.2%; | Average | loss: | 2.5185 |
| Iteration: | 3891; | Percent | complete: | 97.3%; | Average | loss: | 2.6700 |
| Iteration: | 3892; | Percent | complete: | 97.3%; | Average | loss: | 2.5504 |
| Iteration: | 3893; | Percent | complete: | 97.3%; | Average | loss: | 2.5555 |
| Iteration: | 3894; | Percent | complete: | 97.4%; | Average | loss: | 2.4235 |
| Iteration: | 3895; | Percent | complete: | 97.4%; | Average | loss: | 2.6600 |
| Iteration: | 3896; | Percent | complete: | 97.4%; | Average | loss: | 2.5635 |
| Iteration: | 3897; | Percent | complete: | 97.4%; | Average | loss: | 2.7795 |
| Iteration: | 3898; | Percent | complete: | 97.5%; | Average | loss: | 2.5523 |
| Iteration: | 3899; | Percent | complete: | 97.5%; | Average | loss: | 2.6121 |
| Iteration: | 3900; | Percent | complete: | 97.5%; | Average | loss: | 2.5297 |
| Iteration: | 3901; | Percent | complete: | 97.5%; | Average | loss: | 2.8503 |
| Iteration: | 3902; | Percent | complete: | 97.5%; | Average | loss: | 2.4053 |
| Iteration: | 3903; | Percent | complete: | 97.6%; | Average | loss: | 2.7325 |
| Iteration: | 3904; | Percent | complete: | 97.6%; | Average | loss: | 2.6429 |
| Iteration: | 3905; | Percent | complete: | 97.6%; | Average | loss: | 2.3995 |
| Iteration: | 3906; | Percent | complete: | 97.7%; | Average | loss: | 2.5433 |
| Iteration: | 3907; | Percent | complete: | 97.7%; | Average | loss: | 2.5034 |
| Iteration: | 3908; | Percent | complete: | 97.7%; | Average | loss: | 2.2857 |
| Iteration: | 3909; | Percent | complete: | 97.7%; | Average | loss: | 2.9334 |
| Iteration: | 3910; | Percent | complete: | 97.8%; | Average | loss: | 2.3727 |
| Iteration: | 3911; | Percent | complete: | 97.8%; | Average | loss: | 2.6245 |
| Iteration: | 3912; | Percent | complete: | 97.8%; | Average | loss: | 2.5038 |
| Iteration: | 3913; | Percent | complete: | 97.8%; | Average | loss: | 2.8288 |
| Iteration: | 3914; | Percent | complete: | 97.9%; | Average | loss: | 2.3966 |
| Iteration: | 3915; | Percent | complete: | 97.9%; | Average | loss: | 2.5648 |
| Iteration: | 3916; | Percent | complete: | 97.9%; | Average | loss: | 2.7235 |
| Iteration: | 3917; | Percent | complete: | 97.9%; | Average | loss: | 2.6573 |
| Iteration: | 3918; | Percent | complete: | 98.0%; | Average | loss: | 2.5040 |
| Iteration: | 3919; | Percent | complete: | 98.0%; | Average | loss: | 2.5893 |
| Iteration: | 3920; | Percent | complete: | 98.0%; | Average | loss: | 2.7308 |
| Iteration: | 3921; | Percent | complete: | 98.0%; | Average | loss: | 2.6425 |
| Iteration: | 3922; | Percent | complete: | 98.0%; | Average | loss: | 2.4324 |
| Iteration: | 3923; | Percent | complete: | 98.1%; | Average | loss: | 2.6964 |
| Iteration: | 3924; | Percent | complete: | 98.1%; | Average | loss: | 2.6145 |
| Iteration: | 3925; | Percent | complete: | 98.1%; | Average | loss: | 2.6954 |
| Iteration: | 3926; | Percent | complete: | 98.2%; | Average | loss: | 2.7025 |
| Iteration: | 3927; | Percent | complete: | 98.2%; | Average | loss: | 2.8107 |
| Iteration: | 3928; | Percent | complete: | 98.2%; | Average | loss: | 2.7982 |
| Iteration: | 3929; | Percent | complete: | 98.2%; | Average | loss: | 2.7508 |
| Iteration: | 3930; | Percent | complete: | 98.2%; | Average | loss: | 2.6293 |
| Iteration: | 3931; | Percent | complete: | 98.3%; | Average | loss: | 2.6134 |
| Iteration: | 3932; | Percent | complete: | 98.3%; | Average | loss: | 2.7170 |
| Iteration: | 3933; | Percent | complete: | 98.3%; | Average | loss: | 2.8164 |
| Iteration: | 3934; | Percent | complete: | 98.4%; | Average | loss: | 2.4730 |
| Iteration: | 3935; | Percent | complete: | 98.4%; | Average | loss: | 2.6147 |
| Iteration: | 3936; | Percent | complete: | 98.4%; | Average | loss: | 2.5895 |
| Iteration: | 3937; | Percent | complete: | 98.4%; | Average | loss: | 2.5014 |
| Iteration: | 3938; | Percent | complete: | 98.5%; | Average | loss: | 2.4807 |
| Iteration: | 3939; | Percent | complete: | 98.5%; | Average | loss: | 2.6450 |
| Iteration: | 3940; | Percent | complete: | 98.5%; | Average | loss: | 2.6335 |
| Iteration: | 3941; | Percent | complete: | 98.5%; | Average | loss: | 2.6408 |
| Iteration: | 3942; | Percent | complete: | 98.6%; | Average | loss: | 2.6730 |
| Iteration: | 3943; | Percent | complete: | 98.6%; | Average | loss: | 2.7073 |
| Iteration: | 3944; | Percent | complete: | 98.6%; | Average | loss: | 2.7082 |
| Iteration: | 3945; | Percent | complete: | 98.6%; | Average | loss: | 2.7955 |
| Iteration: | 3946; | Percent | complete: | 98.7%; | Average | loss: | 2.7590 |

Iteration: 3974; Percent complete: 99.4%; Average loss: 2.2400  
Iteration: 3975; Percent complete: 99.4%; Average loss: 2.9300  
Iteration: 3976; Percent complete: 99.4%; Average loss: 2.5669  
Iteration: 3977; Percent complete: 99.4%; Average loss: 2.4685  
Iteration: 3978; Percent complete: 99.5%; Average loss: 2.4143  
Iteration: 3979; Percent complete: 99.5%; Average loss: 2.5708  
Iteration: 3980; Percent complete: 99.5%; Average loss: 2.6186  
Iteration: 3981; Percent complete: 99.5%; Average loss: 2.7526  
Iteration: 3982; Percent complete: 99.6%; Average loss: 2.8394  
Iteration: 3983; Percent complete: 99.6%; Average loss: 2.5976  
Iteration: 3984; Percent complete: 99.6%; Average loss: 2.6996  
Iteration: 3985; Percent complete: 99.6%; Average loss: 2.7060  
Iteration: 3986; Percent complete: 99.7%; Average loss: 2.6715  
Iteration: 3987; Percent complete: 99.7%; Average loss: 2.5900  
Iteration: 3988; Percent complete: 99.7%; Average loss: 2.7818  
Iteration: 3989; Percent complete: 99.7%; Average loss: 2.6070  
Iteration: 3990; Percent complete: 99.8%; Average loss: 2.6781  
Iteration: 3991; Percent complete: 99.8%; Average loss: 2.4455  
Iteration: 3992; Percent complete: 99.8%; Average loss: 2.6094  
Iteration: 3993; Percent complete: 99.8%; Average loss: 2.5520  
Iteration: 3994; Percent complete: 99.9%; Average loss: 2.6600  
Iteration: 3995; Percent complete: 99.9%; Average loss: 2.7293  
Iteration: 3996; Percent complete: 99.9%; Average loss: 2.6236  
Iteration: 3997; Percent complete: 99.9%; Average loss: 2.7561  
Iteration: 3998; Percent complete: 100.0%; Average loss: 2.3406  
Iteration: 3999; Percent complete: 100.0%; Average loss: 2.7749  
Iteration: 4000; Percent complete: 100.0%; Average loss: 2.4872

### Run history:

batch loss   
epoch —  
loss —

### Run summary:

batch loss 2.48717  
epoch 2  
loss 2.6171

View run **silver-sweep-2** at: <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps/runs/rse48979>

View project at: <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps>

Synced 5 W&B file(s), 0 media file(s), 0 artifact file(s) and 0 other file(s)

Find logs at: ./wandb/run-20250928\_211936-rse48979/logs

**wandb**: Agent Starting Run: tpvl00xh with config:

**wandb**: clip: 100

**wandb**: decoder\_learning\_ratio: 1

**wandb**: learning\_rate: 0.001

**wandb**: optimizer: sgd

**wandb**: teacher\_forcing\_ratio: 0

Tracking run with wandb version 0.22.0

Run data is saved locally in /content/wandb/run-20250928\_212304-tpvl00xh

Syncing run **rare-sweep-3** to [Weights & Biases \(docs\)](#)

Sweep page: <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps/sweeps/jvrgq7ty>

View project at <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps>

View sweep at <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps/sweeps/jvrgq7ty>

View run at <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps/runs/tpvl00xh>

Building optimizers ...

Starting Training!

Initializing ...

Training...

Iteration: 1; Percent complete: 0.0%; Average loss: 2.7044  
Iteration: 2; Percent complete: 0.1%; Average loss: 2.6986  
Iteration: 3; Percent complete: 0.1%; Average loss: 2.6247  
Iteration: 4; Percent complete: 0.1%; Average loss: 2.4467  
Iteration: 5; Percent complete: 0.1%; Average loss: 2.4709  
Iteration: 6; Percent complete: 0.1%; Average loss: 2.8135  
Iteration: 7; Percent complete: 0.2%; Average loss: 2.6137  
Iteration: 8; Percent complete: 0.2%; Average loss: 2.4820  
Iteration: 9; Percent complete: 0.2%; Average loss: 2.6809  
Iteration: 10; Percent complete: 0.2%; Average loss: 2.6827  
Iteration: 11; Percent complete: 0.3%; Average loss: 2.7816  
Iteration: 12; Percent complete: 0.3%; Average loss: 2.5923  
Iteration: 13; Percent complete: 0.3%; Average loss: 2.4745  
Iteration: 14; Percent complete: 0.4%; Average loss: 2.5053  
Iteration: 15; Percent complete: 0.4%; Average loss: 2.6096  
Iteration: 16; Percent complete: 0.4%; Average loss: 2.6333  
Iteration: 17; Percent complete: 0.4%; Average loss: 2.4987  
Iteration: 18; Percent complete: 0.4%; Average loss: 2.5209  
Iteration: 19; Percent complete: 0.5%; Average loss: 2.8160  
Iteration: 20; Percent complete: 0.5%; Average loss: 2.5791  
Iteration: 21; Percent complete: 0.5%; Average loss: 2.5795  
Iteration: 22; Percent complete: 0.5%; Average loss: 2.7091  
Iteration: 23; Percent complete: 0.6%; Average loss: 2.5760  
Iteration: 24; Percent complete: 0.6%; Average loss: 2.2829  
Iteration: 25; Percent complete: 0.6%; Average loss: 2.5679

|                 |                   |       |               |        |
|-----------------|-------------------|-------|---------------|--------|
| Iteration: 26;  | Percent complete: | 0.7%; | Average loss: | 2.3914 |
| Iteration: 27;  | Percent complete: | 0.7%; | Average loss: | 2.4722 |
| Iteration: 28;  | Percent complete: | 0.7%; | Average loss: | 2.5386 |
| Iteration: 29;  | Percent complete: | 0.7%; | Average loss: | 2.5227 |
| Iteration: 30;  | Percent complete: | 0.8%; | Average loss: | 2.6748 |
| Iteration: 31;  | Percent complete: | 0.8%; | Average loss: | 2.6573 |
| Iteration: 32;  | Percent complete: | 0.8%; | Average loss: | 2.6805 |
| Iteration: 33;  | Percent complete: | 0.8%; | Average loss: | 2.7070 |
| Iteration: 34;  | Percent complete: | 0.9%; | Average loss: | 2.4789 |
| Iteration: 35;  | Percent complete: | 0.9%; | Average loss: | 2.5146 |
| Iteration: 36;  | Percent complete: | 0.9%; | Average loss: | 2.4848 |
| Iteration: 37;  | Percent complete: | 0.9%; | Average loss: | 2.5775 |
| Iteration: 38;  | Percent complete: | 0.9%; | Average loss: | 2.5864 |
| Iteration: 39;  | Percent complete: | 1.0%; | Average loss: | 2.5305 |
| Iteration: 40;  | Percent complete: | 1.0%; | Average loss: | 2.5435 |
| Iteration: 41;  | Percent complete: | 1.0%; | Average loss: | 2.7168 |
| Iteration: 42;  | Percent complete: | 1.1%; | Average loss: | 2.8087 |
| Iteration: 43;  | Percent complete: | 1.1%; | Average loss: | 2.6311 |
| Iteration: 44;  | Percent complete: | 1.1%; | Average loss: | 2.5666 |
| Iteration: 45;  | Percent complete: | 1.1%; | Average loss: | 2.6025 |
| Iteration: 46;  | Percent complete: | 1.1%; | Average loss: | 2.7021 |
| Iteration: 47;  | Percent complete: | 1.2%; | Average loss: | 2.6216 |
| Iteration: 48;  | Percent complete: | 1.2%; | Average loss: | 2.6126 |
| Iteration: 49;  | Percent complete: | 1.2%; | Average loss: | 2.5431 |
| Iteration: 50;  | Percent complete: | 1.2%; | Average loss: | 2.4983 |
| Iteration: 51;  | Percent complete: | 1.3%; | Average loss: | 2.6839 |
| Iteration: 52;  | Percent complete: | 1.3%; | Average loss: | 2.5914 |
| Iteration: 53;  | Percent complete: | 1.3%; | Average loss: | 2.7907 |
| Iteration: 54;  | Percent complete: | 1.4%; | Average loss: | 2.8759 |
| Iteration: 55;  | Percent complete: | 1.4%; | Average loss: | 2.4943 |
| Iteration: 56;  | Percent complete: | 1.4%; | Average loss: | 2.5805 |
| Iteration: 57;  | Percent complete: | 1.4%; | Average loss: | 2.4677 |
| Iteration: 58;  | Percent complete: | 1.5%; | Average loss: | 2.3777 |
| Iteration: 59;  | Percent complete: | 1.5%; | Average loss: | 2.6732 |
| Iteration: 60;  | Percent complete: | 1.5%; | Average loss: | 2.7309 |
| Iteration: 61;  | Percent complete: | 1.5%; | Average loss: | 2.6188 |
| Iteration: 62;  | Percent complete: | 1.6%; | Average loss: | 2.5772 |
| Iteration: 63;  | Percent complete: | 1.6%; | Average loss: | 2.4373 |
| Iteration: 64;  | Percent complete: | 1.6%; | Average loss: | 2.6160 |
| Iteration: 65;  | Percent complete: | 1.6%; | Average loss: | 2.7455 |
| Iteration: 66;  | Percent complete: | 1.7%; | Average loss: | 2.9233 |
| Iteration: 67;  | Percent complete: | 1.7%; | Average loss: | 2.5396 |
| Iteration: 68;  | Percent complete: | 1.7%; | Average loss: | 2.6426 |
| Iteration: 69;  | Percent complete: | 1.7%; | Average loss: | 2.6652 |
| Iteration: 70;  | Percent complete: | 1.8%; | Average loss: | 2.5698 |
| Iteration: 71;  | Percent complete: | 1.8%; | Average loss: | 2.5688 |
| Iteration: 72;  | Percent complete: | 1.8%; | Average loss: | 2.5992 |
| Iteration: 73;  | Percent complete: | 1.8%; | Average loss: | 2.4779 |
| Iteration: 74;  | Percent complete: | 1.8%; | Average loss: | 2.7434 |
| Iteration: 75;  | Percent complete: | 1.9%; | Average loss: | 2.7242 |
| Iteration: 76;  | Percent complete: | 1.9%; | Average loss: | 2.2922 |
| Iteration: 77;  | Percent complete: | 1.9%; | Average loss: | 2.6697 |
| Iteration: 78;  | Percent complete: | 1.9%; | Average loss: | 2.3465 |
| Iteration: 79;  | Percent complete: | 2.0%; | Average loss: | 2.5053 |
| Iteration: 80;  | Percent complete: | 2.0%; | Average loss: | 2.6675 |
| Iteration: 81;  | Percent complete: | 2.0%; | Average loss: | 2.6776 |
| Iteration: 82;  | Percent complete: | 2.1%; | Average loss: | 2.4192 |
| Iteration: 83;  | Percent complete: | 2.1%; | Average loss: | 2.8502 |
| Iteration: 84;  | Percent complete: | 2.1%; | Average loss: | 2.3988 |
| Iteration: 85;  | Percent complete: | 2.1%; | Average loss: | 2.4112 |
| Iteration: 86;  | Percent complete: | 2.1%; | Average loss: | 2.5375 |
| Iteration: 87;  | Percent complete: | 2.2%; | Average loss: | 2.6374 |
| Iteration: 88;  | Percent complete: | 2.2%; | Average loss: | 2.5264 |
| Iteration: 89;  | Percent complete: | 2.2%; | Average loss: | 2.5490 |
| Iteration: 90;  | Percent complete: | 2.2%; | Average loss: | 2.5213 |
| Iteration: 91;  | Percent complete: | 2.3%; | Average loss: | 2.7243 |
| Iteration: 92;  | Percent complete: | 2.3%; | Average loss: | 2.7427 |
| Iteration: 93;  | Percent complete: | 2.3%; | Average loss: | 2.5865 |
| Iteration: 94;  | Percent complete: | 2.4%; | Average loss: | 2.6724 |
| Iteration: 95;  | Percent complete: | 2.4%; | Average loss: | 2.5228 |
| Iteration: 96;  | Percent complete: | 2.4%; | Average loss: | 2.8819 |
| Iteration: 97;  | Percent complete: | 2.4%; | Average loss: | 2.4948 |
| Iteration: 98;  | Percent complete: | 2.5%; | Average loss: | 2.6892 |
| Iteration: 99;  | Percent complete: | 2.5%; | Average loss: | 2.5219 |
| Iteration: 100; | Percent complete: | 2.5%; | Average loss: | 2.4075 |
| Iteration: 101; | Percent complete: | 2.5%; | Average loss: | 2.5171 |
| Iteration: 102; | Percent complete: | 2.5%; | Average loss: | 2.5404 |
| Iteration: 103; | Percent complete: | 2.6%; | Average loss: | 2.6087 |
| Iteration: 104; | Percent complete: | 2.6%; | Average loss: | 2.5798 |
| Iteration: 105; | Percent complete: | 2.6%; | Average loss: | 2.5300 |
| Iteration: 106; | Percent complete: | 2.6%; | Average loss: | 2.6326 |
| Iteration: 107; | Percent complete: | 2.7%; | Average loss: | 2.4659 |
| Iteration: 108; | Percent complete: | 2.7%; | Average loss: | 2.3872 |
| Iteration: 109; | Percent complete: | 2.7%; | Average loss: | 2.4981 |
| Iteration: 110; | Percent complete: | 2.8%; | Average loss: | 2.5804 |
|                 |                   |       |               |        |



Iteration: 117; Percent complete: 2.9%; Average loss: 2.6691  
Iteration: 118; Percent complete: 2.9%; Average loss: 2.6071  
Iteration: 119; Percent complete: 3.0%; Average loss: 2.7401  
Iteration: 120; Percent complete: 3.0%; Average loss: 2.6065  
Iteration: 121; Percent complete: 3.0%; Average loss: 2.7512  
Iteration: 122; Percent complete: 3.0%; Average loss: 2.7016  
Iteration: 123; Percent complete: 3.1%; Average loss: 2.4114  
Iteration: 124; Percent complete: 3.1%; Average loss: 2.7995  
Iteration: 125; Percent complete: 3.1%; Average loss: 2.4028  
Iteration: 126; Percent complete: 3.1%; Average loss: 2.6446  
Iteration: 127; Percent complete: 3.2%; Average loss: 2.7791  
Iteration: 128; Percent complete: 3.2%; Average loss: 2.4286  
Iteration: 129; Percent complete: 3.2%; Average loss: 2.7161  
Iteration: 130; Percent complete: 3.2%; Average loss: 2.7245  
Iteration: 131; Percent complete: 3.3%; Average loss: 2.5478  
Iteration: 132; Percent complete: 3.3%; Average loss: 2.8854  
Iteration: 133; Percent complete: 3.3%; Average loss: 2.4169  
Iteration: 134; Percent complete: 3.4%; Average loss: 2.6014  
Iteration: 135; Percent complete: 3.4%; Average loss: 2.6408  
Iteration: 136; Percent complete: 3.4%; Average loss: 2.9285  
Iteration: 137; Percent complete: 3.4%; Average loss: 2.5746  
Iteration: 138; Percent complete: 3.5%; Average loss: 2.6114  
Iteration: 139; Percent complete: 3.5%; Average loss: 2.8087  
Iteration: 140; Percent complete: 3.5%; Average loss: 2.5342  
Iteration: 141; Percent complete: 3.5%; Average loss: 2.4473  
Iteration: 142; Percent complete: 3.5%; Average loss: 2.5758  
Iteration: 143; Percent complete: 3.6%; Average loss: 2.5101  
Iteration: 144; Percent complete: 3.6%; Average loss: 2.7226  
Iteration: 145; Percent complete: 3.6%; Average loss: 2.6706  
Iteration: 146; Percent complete: 3.6%; Average loss: 2.6380  
Iteration: 147; Percent complete: 3.7%; Average loss: 2.8979  
Iteration: 148; Percent complete: 3.7%; Average loss: 2.7400  
Iteration: 149; Percent complete: 3.7%; Average loss: 2.5368  
Iteration: 150; Percent complete: 3.8%; Average loss: 2.7913  
Iteration: 151; Percent complete: 3.8%; Average loss: 2.6145  
Iteration: 152; Percent complete: 3.8%; Average loss: 2.4708  
Iteration: 153; Percent complete: 3.8%; Average loss: 2.6337  
Iteration: 154; Percent complete: 3.9%; Average loss: 2.3843  
Iteration: 155; Percent complete: 3.9%; Average loss: 2.5883  
Iteration: 156; Percent complete: 3.9%; Average loss: 2.7705  
Iteration: 157; Percent complete: 3.9%; Average loss: 2.7818  
Iteration: 158; Percent complete: 4.0%; Average loss: 2.7438  
Iteration: 159; Percent complete: 4.0%; Average loss: 2.5215  
Iteration: 160; Percent complete: 4.0%; Average loss: 2.4920  
Iteration: 161; Percent complete: 4.0%; Average loss: 2.4821  
Iteration: 162; Percent complete: 4.0%; Average loss: 2.8520  
Iteration: 163; Percent complete: 4.1%; Average loss: 2.2728  
Iteration: 164; Percent complete: 4.1%; Average loss: 2.8244  
Iteration: 165; Percent complete: 4.1%; Average loss: 2.8955  
Iteration: 166; Percent complete: 4.2%; Average loss: 2.6293  
Iteration: 167; Percent complete: 4.2%; Average loss: 2.6157  
Iteration: 168; Percent complete: 4.2%; Average loss: 2.6577  
Iteration: 169; Percent complete: 4.2%; Average loss: 2.5344  
Iteration: 170; Percent complete: 4.2%; Average loss: 2.6497  
Iteration: 171; Percent complete: 4.3%; Average loss: 2.6901  
Iteration: 172; Percent complete: 4.3%; Average loss: 2.6635  
Iteration: 173; Percent complete: 4.3%; Average loss: 2.7932  
Iteration: 174; Percent complete: 4.3%; Average loss: 2.6845  
Iteration: 175; Percent complete: 4.4%; Average loss: 2.5485  
Iteration: 176; Percent complete: 4.4%; Average loss: 2.7709  
Iteration: 177; Percent complete: 4.4%; Average loss: 2.5031  
Iteration: 178; Percent complete: 4.5%; Average loss: 2.9242  
Iteration: 179; Percent complete: 4.5%; Average loss: 2.4980  
Iteration: 180; Percent complete: 4.5%; Average loss: 2.6898  
Iteration: 181; Percent complete: 4.5%; Average loss: 2.6165  
Iteration: 182; Percent complete: 4.5%; Average loss: 2.6301  
Iteration: 183; Percent complete: 4.6%; Average loss: 2.5227  
Iteration: 184; Percent complete: 4.6%; Average loss: 2.5807  
Iteration: 185; Percent complete: 4.6%; Average loss: 2.4245  
Iteration: 186; Percent complete: 4.7%; Average loss: 2.5236  
Iteration: 187; Percent complete: 4.7%; Average loss: 2.7127  
Iteration: 188; Percent complete: 4.7%; Average loss: 2.7285  
Iteration: 189; Percent complete: 4.7%; Average loss: 2.5118  
Iteration: 190; Percent complete: 4.8%; Average loss: 2.5844  
Iteration: 191; Percent complete: 4.8%; Average loss: 2.6341  
Iteration: 192; Percent complete: 4.8%; Average loss: 2.8655  
Iteration: 193; Percent complete: 4.8%; Average loss: 2.8472  
Iteration: 194; Percent complete: 4.9%; Average loss: 2.6110  
Iteration: 195; Percent complete: 4.9%; Average loss: 2.5539  
Iteration: 196; Percent complete: 4.9%; Average loss: 2.5706  
Iteration: 197; Percent complete: 4.9%; Average loss: 2.3725  
Iteration: 198; Percent complete: 5.0%; Average loss: 2.6785  
Iteration: 199; Percent complete: 5.0%; Average loss: 2.6773  
Iteration: 200; Percent complete: 5.0%; Average loss: 2.5542  
Iteration: 201; Percent complete: 5.0%; Average loss: 2.8684  
Iteration: 202; Percent complete: 5.1%; Average loss: 2.4391  
Iteration: 203; Percent complete: 5.1%; Average loss: 2.6558  
Iteration: 204; Percent complete: 5.1%; Average loss: 2.7688  
Iteration: 205; Percent complete: 5.1%; Average loss: 2.6387  
Iteration: 206; Percent complete: 5.1%; Average loss: 2.6650  
Iteration: 207; Percent complete: 5.2%; Average loss: 2.6158  
Iteration: 208; Percent complete: 5.2%; Average loss: 2.6787

Iteration: 208; Percent complete: 5.2%; Average loss: 2.0787  
Iteration: 209; Percent complete: 5.2%; Average loss: 2.3888  
Iteration: 210; Percent complete: 5.2%; Average loss: 2.8030  
Iteration: 211; Percent complete: 5.3%; Average loss: 2.4728  
Iteration: 212; Percent complete: 5.3%; Average loss: 2.5604  
Iteration: 213; Percent complete: 5.3%; Average loss: 2.6788  
Iteration: 214; Percent complete: 5.3%; Average loss: 2.5180  
Iteration: 215; Percent complete: 5.4%; Average loss: 2.5765  
Iteration: 216; Percent complete: 5.4%; Average loss: 2.7250  
Iteration: 217; Percent complete: 5.4%; Average loss: 2.6955  
Iteration: 218; Percent complete: 5.5%; Average loss: 2.5081  
Iteration: 219; Percent complete: 5.5%; Average loss: 2.5197  
Iteration: 220; Percent complete: 5.5%; Average loss: 2.7067  
Iteration: 221; Percent complete: 5.5%; Average loss: 2.6205  
Iteration: 222; Percent complete: 5.5%; Average loss: 2.7581  
Iteration: 223; Percent complete: 5.6%; Average loss: 2.5840  
Iteration: 224; Percent complete: 5.6%; Average loss: 2.7151  
Iteration: 225; Percent complete: 5.6%; Average loss: 2.6418  
Iteration: 226; Percent complete: 5.7%; Average loss: 2.4777  
Iteration: 227; Percent complete: 5.7%; Average loss: 2.7486  
Iteration: 228; Percent complete: 5.7%; Average loss: 2.4633  
Iteration: 229; Percent complete: 5.7%; Average loss: 2.6020  
Iteration: 230; Percent complete: 5.8%; Average loss: 2.8062  
Iteration: 231; Percent complete: 5.8%; Average loss: 2.5925  
Iteration: 232; Percent complete: 5.8%; Average loss: 2.6176  
Iteration: 233; Percent complete: 5.8%; Average loss: 2.6253  
Iteration: 234; Percent complete: 5.9%; Average loss: 2.6681  
Iteration: 235; Percent complete: 5.9%; Average loss: 2.5319  
Iteration: 236; Percent complete: 5.9%; Average loss: 2.6160  
Iteration: 237; Percent complete: 5.9%; Average loss: 2.7883  
Iteration: 238; Percent complete: 5.9%; Average loss: 2.6986  
Iteration: 239; Percent complete: 6.0%; Average loss: 2.6345  
Iteration: 240; Percent complete: 6.0%; Average loss: 2.5448  
Iteration: 241; Percent complete: 6.0%; Average loss: 2.8937  
Iteration: 242; Percent complete: 6.0%; Average loss: 2.7263  
Iteration: 243; Percent complete: 6.1%; Average loss: 2.4225  
Iteration: 244; Percent complete: 6.1%; Average loss: 2.6183  
Iteration: 245; Percent complete: 6.1%; Average loss: 2.5280  
Iteration: 246; Percent complete: 6.2%; Average loss: 2.5895  
Iteration: 247; Percent complete: 6.2%; Average loss: 2.5462  
Iteration: 248; Percent complete: 6.2%; Average loss: 2.6619  
Iteration: 249; Percent complete: 6.2%; Average loss: 2.6768  
Iteration: 250; Percent complete: 6.2%; Average loss: 2.8166  
Iteration: 251; Percent complete: 6.3%; Average loss: 2.9652  
Iteration: 252; Percent complete: 6.3%; Average loss: 2.6208  
Iteration: 253; Percent complete: 6.3%; Average loss: 2.4892  
Iteration: 254; Percent complete: 6.3%; Average loss: 2.4055  
Iteration: 255; Percent complete: 6.4%; Average loss: 2.6862  
Iteration: 256; Percent complete: 6.4%; Average loss: 2.8372  
Iteration: 257; Percent complete: 6.4%; Average loss: 2.7450  
Iteration: 258; Percent complete: 6.5%; Average loss: 2.7716  
Iteration: 259; Percent complete: 6.5%; Average loss: 2.7578  
Iteration: 260; Percent complete: 6.5%; Average loss: 2.4768  
Iteration: 261; Percent complete: 6.5%; Average loss: 2.6097  
Iteration: 262; Percent complete: 6.6%; Average loss: 2.6352  
Iteration: 263; Percent complete: 6.6%; Average loss: 2.6768  
Iteration: 264; Percent complete: 6.6%; Average loss: 2.6209  
Iteration: 265; Percent complete: 6.6%; Average loss: 2.6765  
Iteration: 266; Percent complete: 6.7%; Average loss: 2.4614  
Iteration: 267; Percent complete: 6.7%; Average loss: 2.6070  
Iteration: 268; Percent complete: 6.7%; Average loss: 2.8636  
Iteration: 269; Percent complete: 6.7%; Average loss: 2.8169  
Iteration: 270; Percent complete: 6.8%; Average loss: 2.7297  
Iteration: 271; Percent complete: 6.8%; Average loss: 2.6767  
Iteration: 272; Percent complete: 6.8%; Average loss: 2.4099  
Iteration: 273; Percent complete: 6.8%; Average loss: 2.5724  
Iteration: 274; Percent complete: 6.9%; Average loss: 2.7335  
Iteration: 275; Percent complete: 6.9%; Average loss: 2.6252  
Iteration: 276; Percent complete: 6.9%; Average loss: 2.5158  
Iteration: 277; Percent complete: 6.9%; Average loss: 2.8343  
Iteration: 278; Percent complete: 7.0%; Average loss: 2.6951  
Iteration: 279; Percent complete: 7.0%; Average loss: 2.5341  
Iteration: 280; Percent complete: 7.0%; Average loss: 2.6326  
Iteration: 281; Percent complete: 7.0%; Average loss: 2.8244  
Iteration: 282; Percent complete: 7.0%; Average loss: 2.6221  
Iteration: 283; Percent complete: 7.1%; Average loss: 2.6346  
Iteration: 284; Percent complete: 7.1%; Average loss: 2.7129  
Iteration: 285; Percent complete: 7.1%; Average loss: 2.6337  
Iteration: 286; Percent complete: 7.1%; Average loss: 2.5215  
Iteration: 287; Percent complete: 7.2%; Average loss: 2.4512  
Iteration: 288; Percent complete: 7.2%; Average loss: 2.3960  
Iteration: 289; Percent complete: 7.2%; Average loss: 2.7311  
Iteration: 290; Percent complete: 7.2%; Average loss: 2.7464  
Iteration: 291; Percent complete: 7.3%; Average loss: 2.4582  
Iteration: 292; Percent complete: 7.3%; Average loss: 2.9371  
Iteration: 293; Percent complete: 7.3%; Average loss: 2.4730  
Iteration: 294; Percent complete: 7.3%; Average loss: 2.6314  
Iteration: 295; Percent complete: 7.4%; Average loss: 2.6619  
Iteration: 296; Percent complete: 7.4%; Average loss: 2.4460  
Iteration: 297; Percent complete: 7.4%; Average loss: 2.5304  
Iteration: 298; Percent complete: 7.4%; Average loss: 2.5235  
Iteration: 299; Percent complete: 7.5%; Average loss: 2.5006

Iteration: 300; Percent complete: 7.5%; Average loss: 2.5064  
Iteration: 301; Percent complete: 7.5%; Average loss: 2.7827  
Iteration: 302; Percent complete: 7.5%; Average loss: 2.6024  
Iteration: 303; Percent complete: 7.6%; Average loss: 2.8644  
Iteration: 304; Percent complete: 7.6%; Average loss: 2.6087  
Iteration: 305; Percent complete: 7.6%; Average loss: 2.8281  
Iteration: 306; Percent complete: 7.6%; Average loss: 2.5893  
Iteration: 307; Percent complete: 7.7%; Average loss: 2.5805  
Iteration: 308; Percent complete: 7.7%; Average loss: 2.6348  
Iteration: 309; Percent complete: 7.7%; Average loss: 2.6770  
Iteration: 310; Percent complete: 7.8%; Average loss: 2.4839  
Iteration: 311; Percent complete: 7.8%; Average loss: 2.7472  
Iteration: 312; Percent complete: 7.8%; Average loss: 2.5452  
Iteration: 313; Percent complete: 7.8%; Average loss: 2.5147  
Iteration: 314; Percent complete: 7.8%; Average loss: 2.9093  
Iteration: 315; Percent complete: 7.9%; Average loss: 2.6005  
Iteration: 316; Percent complete: 7.9%; Average loss: 2.2416  
Iteration: 317; Percent complete: 7.9%; Average loss: 2.7032  
Iteration: 318; Percent complete: 8.0%; Average loss: 2.8924  
Iteration: 319; Percent complete: 8.0%; Average loss: 2.3619  
Iteration: 320; Percent complete: 8.0%; Average loss: 2.5767  
Iteration: 321; Percent complete: 8.0%; Average loss: 2.5892  
Iteration: 322; Percent complete: 8.1%; Average loss: 2.6351  
Iteration: 323; Percent complete: 8.1%; Average loss: 2.7470  
Iteration: 324; Percent complete: 8.1%; Average loss: 2.5838  
Iteration: 325; Percent complete: 8.1%; Average loss: 2.5307  
Iteration: 326; Percent complete: 8.2%; Average loss: 2.6703  
Iteration: 327; Percent complete: 8.2%; Average loss: 2.5115  
Iteration: 328; Percent complete: 8.2%; Average loss: 2.6884  
Iteration: 329; Percent complete: 8.2%; Average loss: 2.7430  
Iteration: 330; Percent complete: 8.2%; Average loss: 2.5511  
Iteration: 331; Percent complete: 8.3%; Average loss: 2.5301  
Iteration: 332; Percent complete: 8.3%; Average loss: 2.7532  
Iteration: 333; Percent complete: 8.3%; Average loss: 2.4897  
Iteration: 334; Percent complete: 8.3%; Average loss: 2.7277  
Iteration: 335; Percent complete: 8.4%; Average loss: 2.5084  
Iteration: 336; Percent complete: 8.4%; Average loss: 2.6290  
Iteration: 337; Percent complete: 8.4%; Average loss: 2.5655  
Iteration: 338; Percent complete: 8.5%; Average loss: 2.5564  
Iteration: 339; Percent complete: 8.5%; Average loss: 2.7026  
Iteration: 340; Percent complete: 8.5%; Average loss: 2.4545  
Iteration: 341; Percent complete: 8.5%; Average loss: 2.8478  
Iteration: 342; Percent complete: 8.6%; Average loss: 2.8027  
Iteration: 343; Percent complete: 8.6%; Average loss: 2.7634  
Iteration: 344; Percent complete: 8.6%; Average loss: 2.7105  
Iteration: 345; Percent complete: 8.6%; Average loss: 2.5308  
Iteration: 346; Percent complete: 8.6%; Average loss: 2.6284  
Iteration: 347; Percent complete: 8.7%; Average loss: 2.7818  
Iteration: 348; Percent complete: 8.7%; Average loss: 2.6449  
Iteration: 349; Percent complete: 8.7%; Average loss: 2.7788  
Iteration: 350; Percent complete: 8.8%; Average loss: 2.5652  
Iteration: 351; Percent complete: 8.8%; Average loss: 2.6763  
Iteration: 352; Percent complete: 8.8%; Average loss: 2.7548  
Iteration: 353; Percent complete: 8.8%; Average loss: 2.5581  
Iteration: 354; Percent complete: 8.8%; Average loss: 2.8226  
Iteration: 355; Percent complete: 8.9%; Average loss: 2.5757  
Iteration: 356; Percent complete: 8.9%; Average loss: 2.5418  
Iteration: 357; Percent complete: 8.9%; Average loss: 2.5254  
Iteration: 358; Percent complete: 8.9%; Average loss: 2.5513  
Iteration: 359; Percent complete: 9.0%; Average loss: 2.5994  
Iteration: 360; Percent complete: 9.0%; Average loss: 2.4741  
Iteration: 361; Percent complete: 9.0%; Average loss: 2.4735  
Iteration: 362; Percent complete: 9.0%; Average loss: 2.8905  
Iteration: 363; Percent complete: 9.1%; Average loss: 2.4871  
Iteration: 364; Percent complete: 9.1%; Average loss: 2.6136  
Iteration: 365; Percent complete: 9.1%; Average loss: 2.7512  
Iteration: 366; Percent complete: 9.2%; Average loss: 2.7397  
Iteration: 367; Percent complete: 9.2%; Average loss: 2.5012  
Iteration: 368; Percent complete: 9.2%; Average loss: 2.6086  
Iteration: 369; Percent complete: 9.2%; Average loss: 2.4664  
Iteration: 370; Percent complete: 9.2%; Average loss: 2.6916  
Iteration: 371; Percent complete: 9.3%; Average loss: 2.5788  
Iteration: 372; Percent complete: 9.3%; Average loss: 2.6772  
Iteration: 373; Percent complete: 9.3%; Average loss: 2.6703  
Iteration: 374; Percent complete: 9.3%; Average loss: 2.4940  
Iteration: 375; Percent complete: 9.4%; Average loss: 2.6279  
Iteration: 376; Percent complete: 9.4%; Average loss: 2.7079  
Iteration: 377; Percent complete: 9.4%; Average loss: 2.5619  
Iteration: 378; Percent complete: 9.4%; Average loss: 2.4067  
Iteration: 379; Percent complete: 9.5%; Average loss: 2.5428  
Iteration: 380; Percent complete: 9.5%; Average loss: 2.7179  
Iteration: 381; Percent complete: 9.5%; Average loss: 2.6908  
Iteration: 382; Percent complete: 9.6%; Average loss: 2.6972  
Iteration: 383; Percent complete: 9.6%; Average loss: 2.5531  
Iteration: 384; Percent complete: 9.6%; Average loss: 2.4968  
Iteration: 385; Percent complete: 9.6%; Average loss: 2.3990  
Iteration: 386; Percent complete: 9.7%; Average loss: 2.4832  
Iteration: 387; Percent complete: 9.7%; Average loss: 2.6659  
Iteration: 388; Percent complete: 9.7%; Average loss: 2.6567  
Iteration: 389; Percent complete: 9.7%; Average loss: 2.6677  
Iteration: 390; Percent complete: 9.8%; Average loss: 2.6133

|                 |                   |        |               |        |
|-----------------|-------------------|--------|---------------|--------|
| Iteration: 391; | Percent complete: | 9.8%;  | Average loss: | 2.3348 |
| Iteration: 392; | Percent complete: | 9.8%;  | Average loss: | 2.6848 |
| Iteration: 393; | Percent complete: | 9.8%;  | Average loss: | 2.6891 |
| Iteration: 394; | Percent complete: | 9.8%;  | Average loss: | 2.5401 |
| Iteration: 395; | Percent complete: | 9.9%;  | Average loss: | 2.8125 |
| Iteration: 396; | Percent complete: | 9.9%;  | Average loss: | 2.6517 |
| Iteration: 397; | Percent complete: | 9.9%;  | Average loss: | 2.8135 |
| Iteration: 398; | Percent complete: | 10.0%; | Average loss: | 2.5519 |
| Iteration: 399; | Percent complete: | 10.0%; | Average loss: | 2.6595 |
| Iteration: 400; | Percent complete: | 10.0%; | Average loss: | 2.5619 |
| Iteration: 401; | Percent complete: | 10.0%; | Average loss: | 2.4651 |
| Iteration: 402; | Percent complete: | 10.1%; | Average loss: | 2.7533 |
| Iteration: 403; | Percent complete: | 10.1%; | Average loss: | 2.4427 |
| Iteration: 404; | Percent complete: | 10.1%; | Average loss: | 2.6544 |
| Iteration: 405; | Percent complete: | 10.1%; | Average loss: | 2.7314 |
| Iteration: 406; | Percent complete: | 10.2%; | Average loss: | 2.5610 |
| Iteration: 407; | Percent complete: | 10.2%; | Average loss: | 2.4782 |
| Iteration: 408; | Percent complete: | 10.2%; | Average loss: | 2.5787 |
| Iteration: 409; | Percent complete: | 10.2%; | Average loss: | 2.7886 |
| Iteration: 410; | Percent complete: | 10.2%; | Average loss: | 2.7425 |
| Iteration: 411; | Percent complete: | 10.3%; | Average loss: | 2.5450 |
| Iteration: 412; | Percent complete: | 10.3%; | Average loss: | 2.3786 |
| Iteration: 413; | Percent complete: | 10.3%; | Average loss: | 2.6853 |
| Iteration: 414; | Percent complete: | 10.3%; | Average loss: | 2.6234 |
| Iteration: 415; | Percent complete: | 10.4%; | Average loss: | 2.6436 |
| Iteration: 416; | Percent complete: | 10.4%; | Average loss: | 2.6661 |
| Iteration: 417; | Percent complete: | 10.4%; | Average loss: | 2.4041 |
| Iteration: 418; | Percent complete: | 10.4%; | Average loss: | 2.5802 |
| Iteration: 419; | Percent complete: | 10.5%; | Average loss: | 2.5645 |
| Iteration: 420; | Percent complete: | 10.5%; | Average loss: | 2.6626 |
| Iteration: 421; | Percent complete: | 10.5%; | Average loss: | 2.7129 |
| Iteration: 422; | Percent complete: | 10.5%; | Average loss: | 2.5642 |
| Iteration: 423; | Percent complete: | 10.6%; | Average loss: | 2.8491 |
| Iteration: 424; | Percent complete: | 10.6%; | Average loss: | 2.7396 |
| Iteration: 425; | Percent complete: | 10.6%; | Average loss: | 2.6301 |
| Iteration: 426; | Percent complete: | 10.7%; | Average loss: | 2.6248 |
| Iteration: 427; | Percent complete: | 10.7%; | Average loss: | 2.5343 |
| Iteration: 428; | Percent complete: | 10.7%; | Average loss: | 2.4287 |
| Iteration: 429; | Percent complete: | 10.7%; | Average loss: | 2.6895 |
| Iteration: 430; | Percent complete: | 10.8%; | Average loss: | 2.4770 |
| Iteration: 431; | Percent complete: | 10.8%; | Average loss: | 2.6830 |
| Iteration: 432; | Percent complete: | 10.8%; | Average loss: | 2.5320 |
| Iteration: 433; | Percent complete: | 10.8%; | Average loss: | 2.7276 |
| Iteration: 434; | Percent complete: | 10.8%; | Average loss: | 2.7552 |
| Iteration: 435; | Percent complete: | 10.9%; | Average loss: | 2.5358 |
| Iteration: 436; | Percent complete: | 10.9%; | Average loss: | 2.5973 |
| Iteration: 437; | Percent complete: | 10.9%; | Average loss: | 2.5032 |
| Iteration: 438; | Percent complete: | 10.9%; | Average loss: | 2.5790 |
| Iteration: 439; | Percent complete: | 11.0%; | Average loss: | 2.5471 |
| Iteration: 440; | Percent complete: | 11.0%; | Average loss: | 2.4833 |
| Iteration: 441; | Percent complete: | 11.0%; | Average loss: | 2.4733 |
| Iteration: 442; | Percent complete: | 11.1%; | Average loss: | 2.6813 |
| Iteration: 443; | Percent complete: | 11.1%; | Average loss: | 2.5816 |
| Iteration: 444; | Percent complete: | 11.1%; | Average loss: | 2.3653 |
| Iteration: 445; | Percent complete: | 11.1%; | Average loss: | 2.6160 |
| Iteration: 446; | Percent complete: | 11.2%; | Average loss: | 2.5475 |
| Iteration: 447; | Percent complete: | 11.2%; | Average loss: | 2.5680 |
| Iteration: 448; | Percent complete: | 11.2%; | Average loss: | 2.7126 |
| Iteration: 449; | Percent complete: | 11.2%; | Average loss: | 2.4989 |
| Iteration: 450; | Percent complete: | 11.2%; | Average loss: | 2.6777 |
| Iteration: 451; | Percent complete: | 11.3%; | Average loss: | 2.7661 |
| Iteration: 452; | Percent complete: | 11.3%; | Average loss: | 2.7983 |
| Iteration: 453; | Percent complete: | 11.3%; | Average loss: | 2.6446 |
| Iteration: 454; | Percent complete: | 11.3%; | Average loss: | 2.7033 |
| Iteration: 455; | Percent complete: | 11.4%; | Average loss: | 2.7244 |
| Iteration: 456; | Percent complete: | 11.4%; | Average loss: | 2.5699 |
| Iteration: 457; | Percent complete: | 11.4%; | Average loss: | 2.5732 |
| Iteration: 458; | Percent complete: | 11.5%; | Average loss: | 2.5751 |
| Iteration: 459; | Percent complete: | 11.5%; | Average loss: | 2.6312 |
| Iteration: 460; | Percent complete: | 11.5%; | Average loss: | 2.5085 |
| Iteration: 461; | Percent complete: | 11.5%; | Average loss: | 2.6277 |
| Iteration: 462; | Percent complete: | 11.6%; | Average loss: | 2.6946 |
| Iteration: 463; | Percent complete: | 11.6%; | Average loss: | 2.7726 |
| Iteration: 464; | Percent complete: | 11.6%; | Average loss: | 2.4623 |
| Iteration: 465; | Percent complete: | 11.6%; | Average loss: | 2.5601 |
| Iteration: 466; | Percent complete: | 11.7%; | Average loss: | 2.6426 |
| Iteration: 467; | Percent complete: | 11.7%; | Average loss: | 2.7623 |
| Iteration: 468; | Percent complete: | 11.7%; | Average loss: | 2.5992 |
| Iteration: 469; | Percent complete: | 11.7%; | Average loss: | 2.7024 |
| Iteration: 470; | Percent complete: | 11.8%; | Average loss: | 2.7054 |
| Iteration: 471; | Percent complete: | 11.8%; | Average loss: | 2.5641 |
| Iteration: 472; | Percent complete: | 11.8%; | Average loss: | 2.7041 |

|            |      |                   |        |               |        |
|------------|------|-------------------|--------|---------------|--------|
| Iteration: | 482; | Percent complete: | 12.0%; | Average loss: | 2.6799 |
| Iteration: | 483; | Percent complete: | 12.1%; | Average loss: | 2.4787 |
| Iteration: | 484; | Percent complete: | 12.1%; | Average loss: | 2.8342 |
| Iteration: | 485; | Percent complete: | 12.1%; | Average loss: | 2.4749 |
| Iteration: | 486; | Percent complete: | 12.2%; | Average loss: | 2.4707 |
| Iteration: | 487; | Percent complete: | 12.2%; | Average loss: | 2.5708 |
| Iteration: | 488; | Percent complete: | 12.2%; | Average loss: | 2.6382 |
| Iteration: | 489; | Percent complete: | 12.2%; | Average loss: | 2.4322 |
| Iteration: | 490; | Percent complete: | 12.2%; | Average loss: | 2.5447 |
| Iteration: | 491; | Percent complete: | 12.3%; | Average loss: | 2.6003 |
| Iteration: | 492; | Percent complete: | 12.3%; | Average loss: | 2.7125 |
| Iteration: | 493; | Percent complete: | 12.3%; | Average loss: | 2.5358 |
| Iteration: | 494; | Percent complete: | 12.3%; | Average loss: | 2.5100 |
| Iteration: | 495; | Percent complete: | 12.4%; | Average loss: | 2.6057 |
| Iteration: | 496; | Percent complete: | 12.4%; | Average loss: | 2.6763 |
| Iteration: | 497; | Percent complete: | 12.4%; | Average loss: | 2.6912 |
| Iteration: | 498; | Percent complete: | 12.4%; | Average loss: | 2.7436 |
| Iteration: | 499; | Percent complete: | 12.5%; | Average loss: | 2.4074 |
| Iteration: | 500; | Percent complete: | 12.5%; | Average loss: | 2.4910 |
| Iteration: | 501; | Percent complete: | 12.5%; | Average loss: | 2.6562 |
| Iteration: | 502; | Percent complete: | 12.6%; | Average loss: | 2.6874 |
| Iteration: | 503; | Percent complete: | 12.6%; | Average loss: | 2.7650 |
| Iteration: | 504; | Percent complete: | 12.6%; | Average loss: | 2.7321 |
| Iteration: | 505; | Percent complete: | 12.6%; | Average loss: | 2.5318 |
| Iteration: | 506; | Percent complete: | 12.7%; | Average loss: | 2.7144 |
| Iteration: | 507; | Percent complete: | 12.7%; | Average loss: | 2.5915 |
| Iteration: | 508; | Percent complete: | 12.7%; | Average loss: | 2.7711 |
| Iteration: | 509; | Percent complete: | 12.7%; | Average loss: | 2.5468 |
| Iteration: | 510; | Percent complete: | 12.8%; | Average loss: | 2.6781 |
| Iteration: | 511; | Percent complete: | 12.8%; | Average loss: | 2.5543 |
| Iteration: | 512; | Percent complete: | 12.8%; | Average loss: | 2.8789 |
| Iteration: | 513; | Percent complete: | 12.8%; | Average loss: | 2.5858 |
| Iteration: | 514; | Percent complete: | 12.8%; | Average loss: | 2.7659 |
| Iteration: | 515; | Percent complete: | 12.9%; | Average loss: | 2.7738 |
| Iteration: | 516; | Percent complete: | 12.9%; | Average loss: | 2.5164 |
| Iteration: | 517; | Percent complete: | 12.9%; | Average loss: | 2.5061 |
| Iteration: | 518; | Percent complete: | 13.0%; | Average loss: | 2.6594 |
| Iteration: | 519; | Percent complete: | 13.0%; | Average loss: | 2.5140 |
| Iteration: | 520; | Percent complete: | 13.0%; | Average loss: | 2.7983 |
| Iteration: | 521; | Percent complete: | 13.0%; | Average loss: | 2.6332 |
| Iteration: | 522; | Percent complete: | 13.1%; | Average loss: | 2.7541 |
| Iteration: | 523; | Percent complete: | 13.1%; | Average loss: | 2.7646 |
| Iteration: | 524; | Percent complete: | 13.1%; | Average loss: | 2.5860 |
| Iteration: | 525; | Percent complete: | 13.1%; | Average loss: | 2.4675 |
| Iteration: | 526; | Percent complete: | 13.2%; | Average loss: | 2.1999 |
| Iteration: | 527; | Percent complete: | 13.2%; | Average loss: | 2.5153 |
| Iteration: | 528; | Percent complete: | 13.2%; | Average loss: | 2.5843 |
| Iteration: | 529; | Percent complete: | 13.2%; | Average loss: | 2.4820 |
| Iteration: | 530; | Percent complete: | 13.2%; | Average loss: | 2.3666 |
| Iteration: | 531; | Percent complete: | 13.3%; | Average loss: | 2.6065 |
| Iteration: | 532; | Percent complete: | 13.3%; | Average loss: | 2.7037 |
| Iteration: | 533; | Percent complete: | 13.3%; | Average loss: | 2.8038 |
| Iteration: | 534; | Percent complete: | 13.4%; | Average loss: | 2.4701 |
| Iteration: | 535; | Percent complete: | 13.4%; | Average loss: | 2.6715 |
| Iteration: | 536; | Percent complete: | 13.4%; | Average loss: | 2.5755 |
| Iteration: | 537; | Percent complete: | 13.4%; | Average loss: | 2.4388 |
| Iteration: | 538; | Percent complete: | 13.5%; | Average loss: | 2.7396 |
| Iteration: | 539; | Percent complete: | 13.5%; | Average loss: | 2.6758 |
| Iteration: | 540; | Percent complete: | 13.5%; | Average loss: | 2.5241 |
| Iteration: | 541; | Percent complete: | 13.5%; | Average loss: | 2.6662 |
| Iteration: | 542; | Percent complete: | 13.6%; | Average loss: | 2.6875 |
| Iteration: | 543; | Percent complete: | 13.6%; | Average loss: | 2.7339 |
| Iteration: | 544; | Percent complete: | 13.6%; | Average loss: | 2.6330 |
| Iteration: | 545; | Percent complete: | 13.6%; | Average loss: | 2.4535 |
| Iteration: | 546; | Percent complete: | 13.7%; | Average loss: | 2.6385 |
| Iteration: | 547; | Percent complete: | 13.7%; | Average loss: | 2.4829 |
| Iteration: | 548; | Percent complete: | 13.7%; | Average loss: | 2.7271 |
| Iteration: | 549; | Percent complete: | 13.7%; | Average loss: | 2.7327 |
| Iteration: | 550; | Percent complete: | 13.8%; | Average loss: | 2.6786 |
| Iteration: | 551; | Percent complete: | 13.8%; | Average loss: | 2.9988 |
| Iteration: | 552; | Percent complete: | 13.8%; | Average loss: | 2.5032 |
| Iteration: | 553; | Percent complete: | 13.8%; | Average loss: | 2.5165 |
| Iteration: | 554; | Percent complete: | 13.9%; | Average loss: | 2.7306 |
| Iteration: | 555; | Percent complete: | 13.9%; | Average loss: | 2.5439 |
| Iteration: | 556; | Percent complete: | 13.9%; | Average loss: | 2.5196 |
| Iteration: | 557; | Percent complete: | 13.9%; | Average loss: | 2.5511 |
| Iteration: | 558; | Percent complete: | 14.0%; | Average loss: | 2.5212 |
| Iteration: | 559  |                   |        |               |        |

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|                 |                   |        |               |        |
|-----------------|-------------------|--------|---------------|--------|
| Iteration: 665; | Percent complete: | 16.6%; | Average loss: | 2.6375 |
| Iteration: 666; | Percent complete: | 16.7%; | Average loss: | 2.5607 |
| Iteration: 667; | Percent complete: | 16.7%; | Average loss: | 2.6358 |
| Iteration: 668; | Percent complete: | 16.7%; | Average loss: | 2.3995 |
| Iteration: 669; | Percent complete: | 16.7%; | Average loss: | 2.7100 |
| Iteration: 670; | Percent complete: | 16.8%; | Average loss: | 2.4779 |
| Iteration: 671; | Percent complete: | 16.8%; | Average loss: | 2.6863 |
| Iteration: 672; | Percent complete: | 16.8%; | Average loss: | 2.5324 |
| Iteration: 673; | Percent complete: | 16.8%; | Average loss: | 2.7556 |
| Iteration: 674; | Percent complete: | 16.9%; | Average loss: | 2.6565 |
| Iteration: 675; | Percent complete: | 16.9%; | Average loss: | 2.5693 |
| Iteration: 676; | Percent complete: | 16.9%; | Average loss: | 2.5978 |
| Iteration: 677; | Percent complete: | 16.9%; | Average loss: | 2.6211 |
| Iteration: 678; | Percent complete: | 17.0%; | Average loss: | 2.6714 |
| Iteration: 679; | Percent complete: | 17.0%; | Average loss: | 2.6154 |
| Iteration: 680; | Percent complete: | 17.0%; | Average loss: | 2.7922 |
| Iteration: 681; | Percent complete: | 17.0%; | Average loss: | 2.6996 |
| Iteration: 682; | Percent complete: | 17.1%; | Average loss: | 2.6720 |
| Iteration: 683; | Percent complete: | 17.1%; | Average loss: | 2.6259 |
| Iteration: 684; | Percent complete: | 17.1%; | Average loss: | 2.8491 |
| Iteration: 685; | Percent complete: | 17.1%; | Average loss: | 2.4638 |
| Iteration: 686; | Percent complete: | 17.2%; | Average loss: | 2.4828 |
| Iteration: 687; | Percent complete: | 17.2%; | Average loss: | 2.4724 |
| Iteration: 688; | Percent complete: | 17.2%; | Average loss: | 2.5862 |
| Iteration: 689; | Percent complete: | 17.2%; | Average loss: | 2.6712 |
| Iteration: 690; | Percent complete: | 17.2%; | Average loss: | 2.6613 |
| Iteration: 691; | Percent complete: | 17.3%; | Average loss: | 2.6020 |
| Iteration: 692; | Percent complete: | 17.3%; | Average loss: | 2.6296 |
| Iteration: 693; | Percent complete: | 17.3%; | Average loss: | 2.6629 |
| Iteration: 694; | Percent complete: | 17.3%; | Average loss: | 2.5597 |
| Iteration: 695; | Percent complete: | 17.4%; | Average loss: | 2.7138 |
| Iteration: 696; | Percent complete: | 17.4%; | Average loss: | 2.5040 |
| Iteration: 697; | Percent complete: | 17.4%; | Average loss: | 2.5184 |
| Iteration: 698; | Percent complete: | 17.4%; | Average loss: | 2.6689 |
| Iteration: 699; | Percent complete: | 17.5%; | Average loss: | 2.6275 |
| Iteration: 700; | Percent complete: | 17.5%; | Average loss: | 2.5376 |
| Iteration: 701; | Percent complete: | 17.5%; | Average loss: | 2.5081 |
| Iteration: 702; | Percent complete: | 17.5%; | Average loss: | 2.3744 |
| Iteration: 703; | Percent complete: | 17.6%; | Average loss: | 2.6167 |
| Iteration: 704; | Percent complete: | 17.6%; | Average loss: | 2.5703 |
| Iteration: 705; | Percent complete: | 17.6%; | Average loss: | 2.8262 |
| Iteration: 706; | Percent complete: | 17.6%; | Average loss: | 2.5384 |
| Iteration: 707; | Percent complete: | 17.7%; | Average loss: | 2.7049 |
| Iteration: 708; | Percent complete: | 17.7%; | Average loss: | 2.6416 |
| Iteration: 709; | Percent complete: | 17.7%; | Average loss: | 2.4665 |
| Iteration: 710; | Percent complete: | 17.8%; | Average loss: | 2.6644 |
| Iteration: 711; | Percent complete: | 17.8%; | Average loss: | 2.4372 |
| Iteration: 712; | Percent complete: | 17.8%; | Average loss: | 2.6744 |
| Iteration: 713; | Percent complete: | 17.8%; | Average loss: | 2.5389 |
| Iteration: 714; | Percent complete: | 17.8%; | Average loss: | 2.7224 |
| Iteration: 715; | Percent complete: | 17.9%; | Average loss: | 2.6782 |
| Iteration: 716; | Percent complete: | 17.9%; | Average loss: | 2.6081 |
| Iteration: 717; | Percent complete: | 17.9%; | Average loss: | 2.5883 |
| Iteration: 718; | Percent complete: | 17.9%; | Average loss: | 2.4501 |
| Iteration: 719; | Percent complete: | 18.0%; | Average loss: | 2.4215 |
| Iteration: 720; | Percent complete: | 18.0%; | Average loss: | 2.4964 |
| Iteration: 721; | Percent complete: | 18.0%; | Average loss: | 2.6228 |
| Iteration: 722; | Percent complete: | 18.1%; | Average loss: | 2.6800 |
| Iteration: 723; | Percent complete: | 18.1%; | Average loss: | 2.7579 |
| Iteration: 724; | Percent complete: | 18.1%; | Average loss: | 2.5773 |
| Iteration: 725; | Percent complete: | 18.1%; | Average loss: | 2.6546 |
| Iteration: 726; | Percent complete: | 18.1%; | Average loss: | 2.5797 |
| Iteration: 727; | Percent complete: | 18.2%; | Average loss: | 2.6182 |
| Iteration: 728; | Percent complete: | 18.2%; | Average loss: | 2.5699 |
| Iteration: 729; | Percent complete: | 18.2%; | Average loss: | 3.0525 |
| Iteration: 730; | Percent complete: | 18.2%; | Average loss: | 2.9069 |
| Iteration: 731; | Percent complete: | 18.3%; | Average loss: | 2.7795 |
| Iteration: 732; | Percent complete: | 18.3%; | Average loss: | 2.5085 |
| Iteration: 733; | Percent complete: | 18.3%; | Average loss: | 2.6015 |
| Iteration: 734; | Percent complete: | 18.4%; | Average loss: | 2.7316 |
| Iteration: 735; | Percent complete: | 18.4%; | Average loss: | 2.7923 |
| Iteration: 736; | Percent complete: | 18.4%; | Average loss: | 2.5955 |
| Iteration: 737; | Percent complete: | 18.4%; | Average loss: | 2.4427 |
| Iteration: 738; | Percent complete: | 18.4%; | Average loss: | 2.4995 |
| Iteration: 739; | Percent complete: | 18.5%; | Average loss: | 2.5738 |
| Iteration: 740; | Percent complete: | 18.5%; | Average loss: | 2.7621 |
| Iteration: 741; | Percent complete: | 18.5%; | Average loss: | 2.4000 |
| Iteration: 742; | Percent complete: | 18.6%; | Average loss: | 2.6628 |
| Iteration: 743; | Percent complete: | 18.6%; | Average loss: | 2.5044 |
| Iteration: 744; | Percent complete: | 18.6%; | Average loss: | 2.6640 |
| Iteration: 745; | Percent complete: | 18.6%; | Average loss: | 2.5877 |
| Iteration: 746; | Percent complete: | 18.6%; | Average loss: | 2.708  |

[illegible]



|                 |                   |        |               |        |
|-----------------|-------------------|--------|---------------|--------|
| Iteration: 847; | Percent complete: | 21.2%; | Average loss: | 2.6933 |
| Iteration: 848; | Percent complete: | 21.2%; | Average loss: | 2.4209 |
| Iteration: 849; | Percent complete: | 21.2%; | Average loss: | 2.9157 |
| Iteration: 850; | Percent complete: | 21.2%; | Average loss: | 2.8624 |
| Iteration: 851; | Percent complete: | 21.3%; | Average loss: | 2.5592 |
| Iteration: 852; | Percent complete: | 21.3%; | Average loss: | 2.7021 |
| Iteration: 853; | Percent complete: | 21.3%; | Average loss: | 2.6149 |
| Iteration: 854; | Percent complete: | 21.3%; | Average loss: | 2.6155 |
| Iteration: 855; | Percent complete: | 21.4%; | Average loss: | 2.8056 |
| Iteration: 856; | Percent complete: | 21.4%; | Average loss: | 2.6713 |
| Iteration: 857; | Percent complete: | 21.4%; | Average loss: | 2.5640 |
| Iteration: 858; | Percent complete: | 21.4%; | Average loss: | 2.5405 |
| Iteration: 859; | Percent complete: | 21.5%; | Average loss: | 2.6447 |
| Iteration: 860; | Percent complete: | 21.5%; | Average loss: | 2.7400 |
| Iteration: 861; | Percent complete: | 21.5%; | Average loss: | 2.5326 |
| Iteration: 862; | Percent complete: | 21.6%; | Average loss: | 2.8819 |
| Iteration: 863; | Percent complete: | 21.6%; | Average loss: | 2.5251 |
| Iteration: 864; | Percent complete: | 21.6%; | Average loss: | 2.6305 |
| Iteration: 865; | Percent complete: | 21.6%; | Average loss: | 2.6597 |
| Iteration: 866; | Percent complete: | 21.6%; | Average loss: | 2.4756 |
| Iteration: 867; | Percent complete: | 21.7%; | Average loss: | 2.6428 |
| Iteration: 868; | Percent complete: | 21.7%; | Average loss: | 2.6045 |
| Iteration: 869; | Percent complete: | 21.7%; | Average loss: | 2.6348 |
| Iteration: 870; | Percent complete: | 21.8%; | Average loss: | 2.5964 |
| Iteration: 871; | Percent complete: | 21.8%; | Average loss: | 2.7568 |
| Iteration: 872; | Percent complete: | 21.8%; | Average loss: | 2.7467 |
| Iteration: 873; | Percent complete: | 21.8%; | Average loss: | 2.7820 |
| Iteration: 874; | Percent complete: | 21.9%; | Average loss: | 2.5696 |
| Iteration: 875; | Percent complete: | 21.9%; | Average loss: | 2.6337 |
| Iteration: 876; | Percent complete: | 21.9%; | Average loss: | 2.5447 |
| Iteration: 877; | Percent complete: | 21.9%; | Average loss: | 2.6136 |
| Iteration: 878; | Percent complete: | 21.9%; | Average loss: | 2.5262 |
| Iteration: 879; | Percent complete: | 22.0%; | Average loss: | 2.5977 |
| Iteration: 880; | Percent complete: | 22.0%; | Average loss: | 2.4940 |
| Iteration: 881; | Percent complete: | 22.0%; | Average loss: | 2.4586 |
| Iteration: 882; | Percent complete: | 22.1%; | Average loss: | 2.6124 |
| Iteration: 883; | Percent complete: | 22.1%; | Average loss: | 2.5138 |
| Iteration: 884; | Percent complete: | 22.1%; | Average loss: | 2.5859 |
| Iteration: 885; | Percent complete: | 22.1%; | Average loss: | 2.5495 |
| Iteration: 886; | Percent complete: | 22.1%; | Average loss: | 2.4093 |
| Iteration: 887; | Percent complete: | 22.2%; | Average loss: | 2.8500 |
| Iteration: 888; | Percent complete: | 22.2%; | Average loss: | 2.7343 |
| Iteration: 889; | Percent complete: | 22.2%; | Average loss: | 2.6595 |
| Iteration: 890; | Percent complete: | 22.2%; | Average loss: | 2.4685 |
| Iteration: 891; | Percent complete: | 22.3%; | Average loss: | 2.5762 |
| Iteration: 892; | Percent complete: | 22.3%; | Average loss: | 2.4336 |
| Iteration: 893; | Percent complete: | 22.3%; | Average loss: | 2.6812 |
| Iteration: 894; | Percent complete: | 22.4%; | Average loss: | 2.6141 |
| Iteration: 895; | Percent complete: | 22.4%; | Average loss: | 2.6173 |
| Iteration: 896; | Percent complete: | 22.4%; | Average loss: | 2.5820 |
| Iteration: 897; | Percent complete: | 22.4%; | Average loss: | 2.7383 |
| Iteration: 898; | Percent complete: | 22.4%; | Average loss: | 2.5392 |
| Iteration: 899; | Percent complete: | 22.5%; | Average loss: | 2.4456 |
| Iteration: 900; | Percent complete: | 22.5%; | Average loss: | 2.3903 |
| Iteration: 901; | Percent complete: | 22.5%; | Average loss: | 2.7004 |
| Iteration: 902; | Percent complete: | 22.6%; | Average loss: | 2.6212 |
| Iteration: 903; | Percent complete: | 22.6%; | Average loss: | 2.7017 |
| Iteration: 904; | Percent complete: | 22.6%; | Average loss: | 2.6279 |
| Iteration: 905; | Percent complete: | 22.6%; | Average loss: | 2.6405 |
| Iteration: 906; | Percent complete: | 22.7%; | Average loss: | 2.7217 |
| Iteration: 907; | Percent complete: | 22.7%; | Average loss: | 2.4685 |
| Iteration: 908; | Percent complete: | 22.7%; | Average loss: | 2.5451 |
| Iteration: 909; | Percent complete: | 22.7%; | Average loss: | 2.8942 |
| Iteration: 910; | Percent complete: | 22.8%; | Average loss: | 2.5270 |
| Iteration: 911; | Percent complete: | 22.8%; | Average loss: | 2.6873 |
| Iteration: 912; | Percent complete: | 22.8%; | Average loss: | 2.8028 |
| Iteration: 913; | Percent complete: | 22.8%; | Average loss: | 2.5321 |
| Iteration: 914; | Percent complete: | 22.9%; | Average loss: | 2.5807 |
| Iteration: 915; | Percent complete: | 22.9%; | Average loss: | 2.6038 |
| Iteration: 916; | Percent complete: | 22.9%; | Average loss: | 2.5714 |
| Iteration: 917; | Percent complete: | 22.9%; | Average loss: | 2.5052 |
| Iteration: 918; | Percent complete: | 22.9%; | Average loss: | 2.5894 |
| Iteration: 919; | Percent complete: | 23.0%; | Average loss: | 2.4991 |
| Iteration: 920; | Percent complete: | 23.0%; | Average loss: | 2.5930 |
| Iteration: 921; | Percent complete: | 23.0%; | Average loss: | 2.5038 |
| Iteration: 922; | Percent complete: | 23.1%; | Average loss: | 2.5033 |
| Iteration: 923; | Percent complete: | 23.1%; | Average loss: | 2.6569 |
| Iteration: 924; | Percent complete: | 23.1%; | Average loss: | 2.3416 |
| Iteration: 925; | Percent complete: | 23.1%; | Average loss: | 2.4816 |
| Iteration: 926; | Percent complete: | 23.2%; | Average loss: | 2.5174 |
| Iteration: 927; | Percent complete: | 23.2%; | Average loss: | 2.7498 |
| Iteration: 928; | Percent complete: | 23.2%; | Average loss: | 2.530  |

|                  |                   |        |               |        |
|------------------|-------------------|--------|---------------|--------|
| Iteration: 930;  | Percent complete: | 23.4%; | Average loss: | 2.4876 |
| Iteration: 939;  | Percent complete: | 23.5%; | Average loss: | 2.4896 |
| Iteration: 940;  | Percent complete: | 23.5%; | Average loss: | 2.8451 |
| Iteration: 941;  | Percent complete: | 23.5%; | Average loss: | 2.7495 |
| Iteration: 942;  | Percent complete: | 23.5%; | Average loss: | 2.5175 |
| Iteration: 943;  | Percent complete: | 23.6%; | Average loss: | 2.6320 |
| Iteration: 944;  | Percent complete: | 23.6%; | Average loss: | 2.5948 |
| Iteration: 945;  | Percent complete: | 23.6%; | Average loss: | 2.5548 |
| Iteration: 946;  | Percent complete: | 23.6%; | Average loss: | 2.7996 |
| Iteration: 947;  | Percent complete: | 23.7%; | Average loss: | 2.5973 |
| Iteration: 948;  | Percent complete: | 23.7%; | Average loss: | 2.6533 |
| Iteration: 949;  | Percent complete: | 23.7%; | Average loss: | 2.6223 |
| Iteration: 950;  | Percent complete: | 23.8%; | Average loss: | 2.6556 |
| Iteration: 951;  | Percent complete: | 23.8%; | Average loss: | 2.6474 |
| Iteration: 952;  | Percent complete: | 23.8%; | Average loss: | 2.5601 |
| Iteration: 953;  | Percent complete: | 23.8%; | Average loss: | 2.6811 |
| Iteration: 954;  | Percent complete: | 23.8%; | Average loss: | 2.6229 |
| Iteration: 955;  | Percent complete: | 23.9%; | Average loss: | 2.8446 |
| Iteration: 956;  | Percent complete: | 23.9%; | Average loss: | 2.7195 |
| Iteration: 957;  | Percent complete: | 23.9%; | Average loss: | 2.6274 |
| Iteration: 958;  | Percent complete: | 23.9%; | Average loss: | 2.5832 |
| Iteration: 959;  | Percent complete: | 24.0%; | Average loss: | 2.6946 |
| Iteration: 960;  | Percent complete: | 24.0%; | Average loss: | 2.6994 |
| Iteration: 961;  | Percent complete: | 24.0%; | Average loss: | 2.4869 |
| Iteration: 962;  | Percent complete: | 24.1%; | Average loss: | 2.6841 |
| Iteration: 963;  | Percent complete: | 24.1%; | Average loss: | 2.6317 |
| Iteration: 964;  | Percent complete: | 24.1%; | Average loss: | 2.5914 |
| Iteration: 965;  | Percent complete: | 24.1%; | Average loss: | 2.6365 |
| Iteration: 966;  | Percent complete: | 24.1%; | Average loss: | 2.5847 |
| Iteration: 967;  | Percent complete: | 24.2%; | Average loss: | 2.6177 |
| Iteration: 968;  | Percent complete: | 24.2%; | Average loss: | 2.7814 |
| Iteration: 969;  | Percent complete: | 24.2%; | Average loss: | 2.6832 |
| Iteration: 970;  | Percent complete: | 24.2%; | Average loss: | 2.5182 |
| Iteration: 971;  | Percent complete: | 24.3%; | Average loss: | 2.4937 |
| Iteration: 972;  | Percent complete: | 24.3%; | Average loss: | 2.5699 |
| Iteration: 973;  | Percent complete: | 24.3%; | Average loss: | 2.5556 |
| Iteration: 974;  | Percent complete: | 24.3%; | Average loss: | 2.6301 |
| Iteration: 975;  | Percent complete: | 24.4%; | Average loss: | 2.6227 |
| Iteration: 976;  | Percent complete: | 24.4%; | Average loss: | 2.7075 |
| Iteration: 977;  | Percent complete: | 24.4%; | Average loss: | 2.5518 |
| Iteration: 978;  | Percent complete: | 24.4%; | Average loss: | 2.5691 |
| Iteration: 979;  | Percent complete: | 24.5%; | Average loss: | 2.5072 |
| Iteration: 980;  | Percent complete: | 24.5%; | Average loss: | 2.5564 |
| Iteration: 981;  | Percent complete: | 24.5%; | Average loss: | 2.6166 |
| Iteration: 982;  | Percent complete: | 24.6%; | Average loss: | 2.6400 |
| Iteration: 983;  | Percent complete: | 24.6%; | Average loss: | 2.7812 |
| Iteration: 984;  | Percent complete: | 24.6%; | Average loss: | 2.6301 |
| Iteration: 985;  | Percent complete: | 24.6%; | Average loss: | 2.8398 |
| Iteration: 986;  | Percent complete: | 24.6%; | Average loss: | 2.6014 |
| Iteration: 987;  | Percent complete: | 24.7%; | Average loss: | 2.6717 |
| Iteration: 988;  | Percent complete: | 24.7%; | Average loss: | 2.5398 |
| Iteration: 989;  | Percent complete: | 24.7%; | Average loss: | 2.6956 |
| Iteration: 990;  | Percent complete: | 24.8%; | Average loss: | 2.7899 |
| Iteration: 991;  | Percent complete: | 24.8%; | Average loss: | 2.4638 |
| Iteration: 992;  | Percent complete: | 24.8%; | Average loss: | 2.4902 |
| Iteration: 993;  | Percent complete: | 24.8%; | Average loss: | 2.6159 |
| Iteration: 994;  | Percent complete: | 24.9%; | Average loss: | 2.6769 |
| Iteration: 995;  | Percent complete: | 24.9%; | Average loss: | 2.6347 |
| Iteration: 996;  | Percent complete: | 24.9%; | Average loss: | 2.7225 |
| Iteration: 997;  | Percent complete: | 24.9%; | Average loss: | 2.6688 |
| Iteration: 998;  | Percent complete: | 24.9%; | Average loss: | 2.7338 |
| Iteration: 999;  | Percent complete: | 25.0%; | Average loss: | 2.5239 |
| Iteration: 1000; | Percent complete: | 25.0%; | Average loss: | 2.5481 |
| Iteration: 1001; | Percent complete: | 25.0%; | Average loss: | 2.6471 |
| Iteration: 1002; | Percent complete: | 25.1%; | Average loss: | 2.7291 |
| Iteration: 1003; | Percent complete: | 25.1%; | Average loss: | 2.4881 |
| Iteration: 1004; | Percent complete: | 25.1%; | Average loss: | 2.5616 |
| Iteration: 1005; | Percent complete: | 25.1%; | Average loss: | 2.4506 |
| Iteration: 1006; | Percent complete: | 25.1%; | Average loss: | 2.5471 |
| Iteration: 1007; | Percent complete: | 25.2%; | Average loss: | 2.5541 |
| Iteration: 1008; | Percent complete: | 25.2%; | Average loss: | 2.6021 |
| Iteration: 1009; | Percent complete: | 25.2%; | Average loss: | 2.4821 |
| Iteration: 1010; | Percent complete: | 25.2%; | Average loss: | 2.5921 |
| Iteration: 1011; | Percent complete: | 25.3%; | Average loss: | 2.6621 |
| Iteration: 1012; | Percent complete: | 25.3%; | Average loss: | 2.5801 |
| Iteration: 1013; | Percent complete: | 25.3%; | Average loss: | 2.7181 |
| Iteration: 1014; | Percent complete: | 25.4%; | Average loss: | 2.5511 |
| Iteration: 1015; | Percent complete: | 25.4%; | Average loss: | 2.4931 |
| Iteration: 1016; | Percent complete: | 25.4%; | Average loss: | 2.6471 |
| Iteration: 1017; | Percent complete: | 25.4%; | Average loss: | 2.5071 |
| Iteration: 1018; | Percent complete: | 25.4%; | Average loss: | 2.5891 |
| Iteration: 1019; | Percent complete: | 25     |               |        |

|            |       |         |           |        |         |       |        |
|------------|-------|---------|-----------|--------|---------|-------|--------|
| Iteration: | 1030; | Percent | complete: | 25.8%; | Average | loss: | 2.6878 |
| Iteration: | 1031; | Percent | complete: | 25.8%; | Average | loss: | 2.3789 |
| Iteration: | 1032; | Percent | complete: | 25.8%; | Average | loss: | 2.3319 |
| Iteration: | 1033; | Percent | complete: | 25.8%; | Average | loss: | 2.6019 |
| Iteration: | 1034; | Percent | complete: | 25.9%; | Average | loss: | 2.3547 |
| Iteration: | 1035; | Percent | complete: | 25.9%; | Average | loss: | 2.6213 |
| Iteration: | 1036; | Percent | complete: | 25.9%; | Average | loss: | 2.5875 |
| Iteration: | 1037; | Percent | complete: | 25.9%; | Average | loss: | 2.7103 |
| Iteration: | 1038; | Percent | complete: | 25.9%; | Average | loss: | 2.5283 |
| Iteration: | 1039; | Percent | complete: | 26.0%; | Average | loss: | 2.7483 |
| Iteration: | 1040; | Percent | complete: | 26.0%; | Average | loss: | 2.3633 |
| Iteration: | 1041; | Percent | complete: | 26.0%; | Average | loss: | 2.4523 |
| Iteration: | 1042; | Percent | complete: | 26.1%; | Average | loss: | 2.4854 |
| Iteration: | 1043; | Percent | complete: | 26.1%; | Average | loss: | 2.4826 |
| Iteration: | 1044; | Percent | complete: | 26.1%; | Average | loss: | 2.7256 |
| Iteration: | 1045; | Percent | complete: | 26.1%; | Average | loss: | 2.4937 |
| Iteration: | 1046; | Percent | complete: | 26.2%; | Average | loss: | 2.2425 |
| Iteration: | 1047; | Percent | complete: | 26.2%; | Average | loss: | 2.8512 |
| Iteration: | 1048; | Percent | complete: | 26.2%; | Average | loss: | 2.7116 |
| Iteration: | 1049; | Percent | complete: | 26.2%; | Average | loss: | 2.5194 |
| Iteration: | 1050; | Percent | complete: | 26.2%; | Average | loss: | 2.7783 |
| Iteration: | 1051; | Percent | complete: | 26.3%; | Average | loss: | 2.8524 |
| Iteration: | 1052; | Percent | complete: | 26.3%; | Average | loss: | 2.5049 |
| Iteration: | 1053; | Percent | complete: | 26.3%; | Average | loss: | 2.7752 |
| Iteration: | 1054; | Percent | complete: | 26.4%; | Average | loss: | 2.4225 |
| Iteration: | 1055; | Percent | complete: | 26.4%; | Average | loss: | 2.5473 |
| Iteration: | 1056; | Percent | complete: | 26.4%; | Average | loss: | 2.4463 |
| Iteration: | 1057; | Percent | complete: | 26.4%; | Average | loss: | 2.7482 |
| Iteration: | 1058; | Percent | complete: | 26.5%; | Average | loss: | 2.6349 |
| Iteration: | 1059; | Percent | complete: | 26.5%; | Average | loss: | 2.7154 |
| Iteration: | 1060; | Percent | complete: | 26.5%; | Average | loss: | 2.5476 |
| Iteration: | 1061; | Percent | complete: | 26.5%; | Average | loss: | 2.5402 |
| Iteration: | 1062; | Percent | complete: | 26.6%; | Average | loss: | 2.5636 |
| Iteration: | 1063; | Percent | complete: | 26.6%; | Average | loss: | 2.5356 |
| Iteration: | 1064; | Percent | complete: | 26.6%; | Average | loss: | 2.5134 |
| Iteration: | 1065; | Percent | complete: | 26.6%; | Average | loss: | 2.5063 |
| Iteration: | 1066; | Percent | complete: | 26.7%; | Average | loss: | 2.8329 |
| Iteration: | 1067; | Percent | complete: | 26.7%; | Average | loss: | 2.4117 |
| Iteration: | 1068; | Percent | complete: | 26.7%; | Average | loss: | 2.7246 |
| Iteration: | 1069; | Percent | complete: | 26.7%; | Average | loss: | 2.6614 |
| Iteration: | 1070; | Percent | complete: | 26.8%; | Average | loss: | 2.8303 |
| Iteration: | 1071; | Percent | complete: | 26.8%; | Average | loss: | 2.5206 |
| Iteration: | 1072; | Percent | complete: | 26.8%; | Average | loss: | 2.7175 |
| Iteration: | 1073; | Percent | complete: | 26.8%; | Average | loss: | 2.4257 |
| Iteration: | 1074; | Percent | complete: | 26.9%; | Average | loss: | 2.5672 |
| Iteration: | 1075; | Percent | complete: | 26.9%; | Average | loss: | 2.6818 |
| Iteration: | 1076; | Percent | complete: | 26.9%; | Average | loss: | 2.7597 |
| Iteration: | 1077; | Percent | complete: | 26.9%; | Average | loss: | 2.4995 |
| Iteration: | 1078; | Percent | complete: | 27.0%; | Average | loss: | 2.6736 |
| Iteration: | 1079; | Percent | complete: | 27.0%; | Average | loss: | 2.8805 |
| Iteration: | 1080; | Percent | complete: | 27.0%; | Average | loss: | 2.5764 |
| Iteration: | 1081; | Percent | complete: | 27.0%; | Average | loss: | 2.8416 |
| Iteration: | 1082; | Percent | complete: | 27.1%; | Average | loss: | 2.7363 |
| Iteration: | 1083; | Percent | complete: | 27.1%; | Average | loss: | 2.8134 |
| Iteration: | 1084; | Percent | complete: | 27.1%; | Average | loss: | 2.5363 |
| Iteration: | 1085; | Percent | complete: | 27.1%; | Average | loss: | 2.6827 |
| Iteration: | 1086; | Percent | complete: | 27.2%; | Average | loss: | 2.7378 |
| Iteration: | 1087; | Percent | complete: | 27.2%; | Average | loss: | 2.5186 |
| Iteration: | 1088; | Percent | complete: | 27.2%; | Average | loss: | 2.5382 |
| Iteration: | 1089; | Percent | complete: | 27.2%; | Average | loss: | 2.4721 |
| Iteration: | 1090; | Percent | complete: | 27.3%; | Average | loss: | 2.6915 |
| Iteration: | 1091; | Percent | complete: | 27.3%; | Average | loss: | 2.6923 |
| Iteration: | 1092; | Percent | complete: | 27.3%; | Average | loss: | 2.6753 |
| Iteration: | 1093; | Percent | complete: | 27.3%; | Average | loss: | 2.4846 |

|            |       |         |           |        |         |       |       |
|------------|-------|---------|-----------|--------|---------|-------|-------|
| Iteration: | 1121; | Percent | complete: | 28.0%; | Average | loss: | 2.611 |
| Iteration: | 1122; | Percent | complete: | 28.1%; | Average | loss: | 2.509 |
| Iteration: | 1123; | Percent | complete: | 28.1%; | Average | loss: | 2.520 |
| Iteration: | 1124; | Percent | complete: | 28.1%; | Average | loss: | 2.606 |
| Iteration: | 1125; | Percent | complete: | 28.1%; | Average | loss: | 2.565 |
| Iteration: | 1126; | Percent | complete: | 28.1%; | Average | loss: | 2.803 |
| Iteration: | 1127; | Percent | complete: | 28.2%; | Average | loss: | 2.720 |
| Iteration: | 1128; | Percent | complete: | 28.2%; | Average | loss: | 2.579 |
| Iteration: | 1129; | Percent | complete: | 28.2%; | Average | loss: | 2.715 |
| Iteration: | 1130; | Percent | complete: | 28.2%; | Average | loss: | 2.622 |
| Iteration: | 1131; | Percent | complete: | 28.3%; | Average | loss: | 2.559 |
| Iteration: | 1132; | Percent | complete: | 28.3%; | Average | loss: | 2.329 |
| Iteration: | 1133; | Percent | complete: | 28.3%; | Average | loss: | 2.422 |
| Iteration: | 1134; | Percent | complete: | 28.3%; | Average | loss: | 2.477 |
| Iteration: | 1135; | Percent | complete: | 28.4%; | Average | loss: | 2.595 |
| Iteration: | 1136; | Percent | complete: | 28.4%; | Average | loss: | 2.596 |
| Iteration: | 1137; | Percent | complete: | 28.4%; | Average | loss: | 2.736 |
| Iteration: | 1138; | Percent | complete: | 28.4%; | Average | loss: | 2.436 |
| Iteration: | 1139; | Percent | complete: | 28.5%; | Average | loss: | 2.666 |
| Iteration: | 1140; | Percent | complete: | 28.5%; | Average | loss: | 2.462 |
| Iteration: | 1141; | Percent | complete: | 28.5%; | Average | loss: | 2.612 |
| Iteration: | 1142; | Percent | complete: | 28.5%; | Average | loss: | 2.474 |
| Iteration: | 1143; | Percent | complete: | 28.6%; | Average | loss: | 2.456 |
| Iteration: | 1144; | Percent | complete: | 28.6%; | Average | loss: | 2.647 |
| Iteration: | 1145; | Percent | complete: | 28.6%; | Average | loss: | 2.510 |
| Iteration: | 1146; | Percent | complete: | 28.6%; | Average | loss: | 2.646 |
| Iteration: | 1147; | Percent | complete: | 28.7%; | Average | loss: | 2.442 |
| Iteration: | 1148; | Percent | complete: | 28.7%; | Average | loss: | 2.717 |
| Iteration: | 1149; | Percent | complete: | 28.7%; | Average | loss: | 2.595 |
| Iteration: | 1150; | Percent | complete: | 28.7%; | Average | loss: | 2.523 |
| Iteration: | 1151; | Percent | complete: | 28.8%; | Average | loss: | 2.584 |
| Iteration: | 1152; | Percent | complete: | 28.8%; | Average | loss: | 2.469 |
| Iteration: | 1153; | Percent | complete: | 28.8%; | Average | loss: | 2.613 |
| Iteration: | 1154; | Percent | complete: | 28.8%; | Average | loss: | 2.711 |
| Iteration: | 1155; | Percent | complete: | 28.9%; | Average | loss: | 2.451 |
| Iteration: | 1156; | Percent | complete: | 28.9%; | Average | loss: | 2.528 |
| Iteration: | 1157; | Percent | complete: | 28.9%; | Average | loss: | 2.562 |
| Iteration: | 1158; | Percent | complete: | 28.9%; | Average | loss: | 2.639 |
| Iteration: | 1159; | Percent | complete: | 29.0%; | Average | loss: | 2.505 |
| Iteration: | 1160; | Percent | complete: | 29.0%; | Average | loss: | 2.683 |
| Iteration: | 1161; | Percent | complete: | 29.0%; | Average | loss: | 2.647 |
| Iteration: | 1162; | Percent | complete: | 29.0%; | Average | loss: | 2.584 |
| Iteration: | 1163; | Percent | complete: | 29.1%; | Average | loss: | 2.437 |
| Iteration: | 1164; | Percent | complete: | 29.1%; | Average | loss: | 2.745 |
| Iteration: | 1165; | Percent | complete: | 29.1%; | Average | loss: | 2.523 |
| Iteration: | 1166; | Percent | complete: | 29.1%; | Average | loss: | 2.548 |
| Iteration: | 1167; | Percent | complete: | 29.2%; | Average | loss: | 2.748 |
| Iteration: | 1168; | Percent | complete: | 29.2%; | Average | loss: | 2.686 |
| Iteration: | 1169; | Percent | complete: | 29.2%; | Average | loss: | 2.383 |
| Iteration: | 1170; | Percent | complete: | 29.2%; | Average | loss: | 2.831 |
| Iteration: | 1171; | Percent | complete: | 29.3%; | Average | loss: | 2.655 |
| Iteration: | 1172; | Percent | complete: | 29.3%; | Average | loss: | 2.783 |
| Iteration: | 1173; | Percent | complete: | 29.3%; | Average | loss: | 2.729 |
| Iteration: | 1174; | Percent | complete: | 29.3%; | Average | loss: | 2.837 |
| Iteration: | 1175; | Percent | complete: | 29.4%; | Average | loss: | 2.672 |
| Iteration: | 1176; | Percent | complete: | 29.4%; | Average | loss: | 2.544 |
| Iteration: | 1177; | Percent | complete: | 29.4%; | Average | loss: | 2.757 |
| Iteration: | 1178; | Percent | complete: | 29.4%; | Average | loss: | 2.592 |
| Iteration: | 1179; | Percent | complete: | 29.5%; | Average | loss: | 2.666 |
| Iteration: | 1180; | Percent | complete: | 29.5%; | Average | loss: | 2.431 |
| Iteration: | 1181; | Percent | complete: | 29.5%; | Average | loss: | 2.810 |
| Iteration: | 1182; | Percent | complete: | 29.5%; | Average | loss: | 2.492 |
| Iteration: | 1183; | Percent | complete: | 29.6%; | Average | loss: | 2.436 |
| Iteration: | 1184; | Percent | complete: | 29.6%; | Average | loss: | 2.556 |
| Iteration: | 1185; | Percent | complete: | 29.6%; | Average | loss: | 2.551 |



[illegible]

Iteration: 1395; Percent complete: 34.9%; Average loss: 2.6622  
Iteration: 1396; Percent complete: 34.9%; Average loss: 2.5298  
Iteration: 1397; Percent complete: 34.9%; Average loss: 2.5786  
Iteration: 1398; Percent complete: 34.9%; Average loss: 2.4581  
Iteration: 1399; Percent complete: 35.0%; Average loss: 2.7871  
Iteration: 1400; Percent complete: 35.0%; Average loss: 2.7992  
Iteration: 1401; Percent complete: 35.0%; Average loss: 2.6809  
Iteration: 1402; Percent complete: 35.0%; Average loss: 2.7092  
Iteration: 1403; Percent complete: 35.1%; Average loss: 2.5726  
Iteration: 1404; Percent complete: 35.1%; Average loss: 2.5433  
Iteration: 1405; Percent complete: 35.1%; Average loss: 2.4581  
Iteration: 1406; Percent complete: 35.1%; Average loss: 2.5258  
Iteration: 1407; Percent complete: 35.2%; Average loss: 2.6260  
Iteration: 1408; Percent complete: 35.2%; Average loss: 2.7829  
Iteration: 1409; Percent complete: 35.2%; Average loss: 2.4482  
Iteration: 1410; Percent complete: 35.2%; Average loss: 2.6310  
Iteration: 1411; Percent complete: 35.3%; Average loss: 2.4882  
Iteration: 1412; Percent complete: 35.3%; Average loss: 2.6031  
Iteration: 1413; Percent complete: 35.3%; Average loss: 2.6616  
Iteration: 1414; Percent complete: 35.4%; Average loss: 2.6830  
Iteration: 1415; Percent complete: 35.4%; Average loss: 2.7914  
Iteration: 1416; Percent complete: 35.4%; Average loss: 2.5617  
Iteration: 1417; Percent complete: 35.4%; Average loss: 2.4619  
Iteration: 1418; Percent complete: 35.4%; Average loss: 2.8709  
Iteration: 1419; Percent complete: 35.5%; Average loss: 2.6887  
Iteration: 1420; Percent complete: 35.5%; Average loss: 2.6545  
Iteration: 1421; Percent complete: 35.5%; Average loss: 2.6192  
Iteration: 1422; Percent complete: 35.5%; Average loss: 2.2539  
Iteration: 1423; Percent complete: 35.6%; Average loss: 2.5540  
Iteration: 1424; Percent complete: 35.6%; Average loss: 2.6951  
Iteration: 1425; Percent complete: 35.6%; Average loss: 2.4764  
Iteration: 1426; Percent complete: 35.6%; Average loss: 2.7881  
Iteration: 1427; Percent complete: 35.7%; Average loss: 2.8071  
Iteration: 1428; Percent complete: 35.7%; Average loss: 2.5728  
Iteration: 1429; Percent complete: 35.7%; Average loss: 2.6491  
Iteration: 1430; Percent complete: 35.8%; Average loss: 2.3693  
Iteration: 1431; Percent complete: 35.8%; Average loss: 2.5370  
Iteration: 1432; Percent complete: 35.8%; Average loss: 2.8342  
Iteration: 1433; Percent complete: 35.8%; Average loss: 2.6542  
Iteration: 1434; Percent complete: 35.9%; Average loss: 2.6152  
Iteration: 1435; Percent complete: 35.9%; Average loss: 2.5504  
Iteration: 1436; Percent complete: 35.9%; Average loss: 2.6263  
Iteration: 1437; Percent complete: 35.9%; Average loss: 2.6515  
Iteration: 1438; Percent complete: 35.9%; Average loss: 2.4689  
Iteration: 1439; Percent complete: 36.0%; Average loss: 2.6512  
Iteration: 1440; Percent complete: 36.0%; Average loss: 2.5032  
Iteration: 1441; Percent complete: 36.0%; Average loss: 2.9079  
Iteration: 1442; Percent complete: 36.0%; Average loss: 2.5394  
Iteration: 1443; Percent complete: 36.1%; Average loss: 2.5720  
Iteration: 1444; Percent complete: 36.1%; Average loss: 2.4872  
Iteration: 1445; Percent complete: 36.1%; Average loss: 2.8155  
Iteration: 1446; Percent complete: 36.1%; Average loss: 2.4624  
Iteration: 1447; Percent complete: 36.2%; Average loss: 2.6253  
Iteration: 1448; Percent complete: 36.2%; Average loss: 2.6222  
Iteration: 1449; Percent complete: 36.2%; Average loss: 2.7401  
Iteration: 1450; Percent complete: 36.2%; Average loss: 2.6576  
Iteration: 1451; Percent complete: 36.3%; Average loss: 2.6920  
Iteration: 1452; Percent complete: 36.3%; Average loss: 2.7315  
Iteration: 1453; Percent complete: 36.3%; Average loss: 2.4687  
Iteration: 1454; Percent complete: 36.4%; Average loss: 2.7975  
Iteration: 1455; Percent complete: 36.4%; Average loss: 2.7572  
Iteration: 1456; Percent complete: 36.4%; Average loss: 2.6111  
Iteration: 1457; Percent complete: 36.4%; Average loss: 2.4177  
Iteration: 1458; Percent complete: 36.4%; Average loss: 3.0215  
Iteration: 1459; Percent complete: 36.5%; Average loss: 2.5030  
Iteration: 1460; Percent complete: 36.5%; Average loss: 2.3387  
Iteration: 1461; Percent complete: 36.5%; Average loss: 2.4726  
Iteration: 1462; Percent complete: 36.5%; Average loss: 2.7456  
Iteration: 1463; Percent complete: 36.6%; Average loss: 2.8290  
Iteration: 1464; Percent complete: 36.6%; Average loss: 2.6178  
Iteration: 1465; Percent complete: 36.6%; Average loss: 2.4904  
Iteration: 1466; Percent complete: 36.6%; Average loss: 2.4682  
Iteration: 1467; Percent complete: 36.7%; Average loss: 2.6975  
Iteration: 1468; Percent complete: 36.7%; Average loss: 2.3890  
Iteration: 1469; Percent complete: 36.7%; Average loss: 2.5523  
Iteration: 1470; Percent complete: 36.8%; Average loss: 2.7324  
Iteration: 1471; Percent complete: 36.8%; Average loss: 2.8001  
Iteration: 1472; Percent complete: 36.8%; Average loss: 2.5244  
Iteration: 1473; Percent complete: 36.8%; Average loss: 2.6066  
Iteration: 1474; Percent complete: 36.9%; Average loss: 2.6924  
Iteration: 1475; Percent complete: 36.9%; Average loss: 2.5523  
Iteration: 1476; Percent complete: 36.9%; Average loss: 2.5400  
Iteration: 1477; Percent complete: 36.9%; Average loss: 2.7152  
Iteration: 1478; Percent complete: 37.0%; Average loss: 2.6364  
Iteration: 1479; Percent complete: 37.0%; Average loss: 2.6347  
Iteration: 1480; Percent complete: 37.0%; Average loss: 2.6606  
Iteration: 1481; Percent complete: 37.0%; Average loss: 2.5674  
Iteration: 1482; Percent complete: 37.0%; Average loss: 2.5727  
Iteration: 1483; Percent complete: 37.1%; Average loss: 2.7234  
Iteration: 1484; Percent complete: 37.1%; Average loss: 2.6163  
Iteration: 1485; Percent complete: 37.1%; Average loss: 2.6763

|            |       |         |           |        |         |       |        |
|------------|-------|---------|-----------|--------|---------|-------|--------|
| Iteration: | 1486; | Percent | complete: | 37.1%; | Average | loss: | 2.6068 |
| Iteration: | 1487; | Percent | complete: | 37.2%; | Average | loss: | 2.6787 |
| Iteration: | 1488; | Percent | complete: | 37.2%; | Average | loss: | 2.4014 |
| Iteration: | 1489; | Percent | complete: | 37.2%; | Average | loss: | 2.5547 |
| Iteration: | 1490; | Percent | complete: | 37.2%; | Average | loss: | 2.5409 |
| Iteration: | 1491; | Percent | complete: | 37.3%; | Average | loss: | 2.4842 |
| Iteration: | 1492; | Percent | complete: | 37.3%; | Average | loss: | 2.4996 |
| Iteration: | 1493; | Percent | complete: | 37.3%; | Average | loss: | 2.4589 |
| Iteration: | 1494; | Percent | complete: | 37.4%; | Average | loss: | 2.6142 |
| Iteration: | 1495; | Percent | complete: | 37.4%; | Average | loss: | 2.4814 |
| Iteration: | 1496; | Percent | complete: | 37.4%; | Average | loss: | 2.4488 |
| Iteration: | 1497; | Percent | complete: | 37.4%; | Average | loss: | 2.6587 |
| Iteration: | 1498; | Percent | complete: | 37.5%; | Average | loss: | 2.5868 |
| Iteration: | 1499; | Percent | complete: | 37.5%; | Average | loss: | 2.7253 |
| Iteration: | 1500; | Percent | complete: | 37.5%; | Average | loss: | 2.7663 |
| Iteration: | 1501; | Percent | complete: | 37.5%; | Average | loss: | 2.6256 |
| Iteration: | 1502; | Percent | complete: | 37.5%; | Average | loss: | 2.6088 |
| Iteration: | 1503; | Percent | complete: | 37.6%; | Average | loss: | 2.6358 |
| Iteration: | 1504; | Percent | complete: | 37.6%; | Average | loss: | 2.6084 |
| Iteration: | 1505; | Percent | complete: | 37.6%; | Average | loss: | 2.5855 |
| Iteration: | 1506; | Percent | complete: | 37.6%; | Average | loss: | 2.7567 |
| Iteration: | 1507; | Percent | complete: | 37.7%; | Average | loss: | 2.5766 |
| Iteration: | 1508; | Percent | complete: | 37.7%; | Average | loss: | 2.5879 |
| Iteration: | 1509; | Percent | complete: | 37.7%; | Average | loss: | 2.9456 |
| Iteration: | 1510; | Percent | complete: | 37.8%; | Average | loss: | 2.7758 |
| Iteration: | 1511; | Percent | complete: | 37.8%; | Average | loss: | 2.6182 |
| Iteration: | 1512; | Percent | complete: | 37.8%; | Average | loss: | 2.7873 |
| Iteration: | 1513; | Percent | complete: | 37.8%; | Average | loss: | 2.3655 |
| Iteration: | 1514; | Percent | complete: | 37.9%; | Average | loss: | 2.2867 |
| Iteration: | 1515; | Percent | complete: | 37.9%; | Average | loss: | 2.7662 |
| Iteration: | 1516; | Percent | complete: | 37.9%; | Average | loss: | 2.6032 |
| Iteration: | 1517; | Percent | complete: | 37.9%; | Average | loss: | 2.6220 |
| Iteration: | 1518; | Percent | complete: | 38.0%; | Average | loss: | 2.6715 |
| Iteration: | 1519; | Percent | complete: | 38.0%; | Average | loss: | 2.3708 |
| Iteration: | 1520; | Percent | complete: | 38.0%; | Average | loss: | 2.7345 |
| Iteration: | 1521; | Percent | complete: | 38.0%; | Average | loss: | 2.5802 |
| Iteration: | 1522; | Percent | complete: | 38.0%; | Average | loss: | 2.5963 |
| Iteration: | 1523; | Percent | complete: | 38.1%; | Average | loss: | 2.7126 |
| Iteration: | 1524; | Percent | complete: | 38.1%; | Average | loss: | 2.8437 |
| Iteration: | 1525; | Percent | complete: | 38.1%; | Average | loss: | 2.6459 |
| Iteration: | 1526; | Percent | complete: | 38.1%; | Average | loss: | 2.7232 |
| Iteration: | 1527; | Percent | complete: | 38.2%; | Average | loss: | 2.7624 |
| Iteration: | 1528; | Percent | complete: | 38.2%; | Average | loss: | 2.6633 |
| Iteration: | 1529; | Percent | complete: | 38.2%; | Average | loss: | 2.6423 |
| Iteration: | 1530; | Percent | complete: | 38.2%; | Average | loss: | 2.7073 |
| Iteration: | 1531; | Percent | complete: | 38.3%; | Average | loss: | 2.4937 |
| Iteration: | 1532; | Percent | complete: | 38.3%; | Average | loss: | 2.6369 |
| Iteration: | 1533; | Percent | complete: | 38.3%; | Average | loss: | 2.6898 |
| Iteration: | 1534; | Percent | complete: | 38.4%; | Average | loss: | 2.5363 |
| Iteration: | 1535; | Percent | complete: | 38.4%; | Average | loss: | 2.2947 |
| Iteration: | 1536; | Percent | complete: | 38.4%; | Average | loss: | 2.7296 |
| Iteration: | 1537; | Percent | complete: | 38.4%; | Average | loss: | 2.5015 |
| Iteration: | 1538; | Percent | complete: | 38.5%; | Average | loss: | 2.6463 |
| Iteration: | 1539; | Percent | complete: | 38.5%; | Average | loss: | 2.4419 |
| Iteration: | 1540; | Percent | complete: | 38.5%; | Average | loss: | 2.4585 |
| Iteration: | 1541; | Percent | complete: | 38.5%; | Average | loss: | 2.4474 |
| Iteration: | 1542; | Percent | complete: | 38.6%; | Average | loss: | 2.3225 |
| Iteration: | 1543; | Percent | complete: | 38.6%; | Average | loss: | 2.6024 |
| Iteration: | 1544; | Percent | complete: | 38.6%; | Average | loss: | 2.5693 |
| Iteration: | 1545; | Percent | complete: | 38.6%; | Average | loss: | 2.6419 |
| Iteration: | 1546; | Percent | complete: | 38.6%; | Average | loss: | 2.5532 |
| Iteration: | 1547; | Percent | complete: | 38.7%; | Average | loss: | 2.7684 |
| Iteration: | 1548; | Percent | complete: | 38.7%; | Average | loss: | 2.6218 |
| Iteration: | 1549; | Percent | complete: | 38.7%; | Average | loss: | 2.5376 |



|            |       |                   |        |               |        |
|------------|-------|-------------------|--------|---------------|--------|
| Iteration: | 1577; | Percent complete: | 39.4%; | Average loss: | 2.5295 |
| Iteration: | 1578; | Percent complete: | 39.5%; | Average loss: | 2.6994 |
| Iteration: | 1579; | Percent complete: | 39.5%; | Average loss: | 2.5961 |
| Iteration: | 1580; | Percent complete: | 39.5%; | Average loss: | 2.7547 |
| Iteration: | 1581; | Percent complete: | 39.5%; | Average loss: | 2.4790 |
| Iteration: | 1582; | Percent complete: | 39.6%; | Average loss: | 2.5450 |
| Iteration: | 1583; | Percent complete: | 39.6%; | Average loss: | 2.7772 |
| Iteration: | 1584; | Percent complete: | 39.6%; | Average loss: | 2.5562 |
| Iteration: | 1585; | Percent complete: | 39.6%; | Average loss: | 2.5273 |
| Iteration: | 1586; | Percent complete: | 39.6%; | Average loss: | 2.8530 |
| Iteration: | 1587; | Percent complete: | 39.7%; | Average loss: | 2.8227 |
| Iteration: | 1588; | Percent complete: | 39.7%; | Average loss: | 2.8098 |
| Iteration: | 1589; | Percent complete: | 39.7%; | Average loss: | 2.4919 |
| Iteration: | 1590; | Percent complete: | 39.8%; | Average loss: | 2.6432 |
| Iteration: | 1591; | Percent complete: | 39.8%; | Average loss: | 2.8492 |
| Iteration: | 1592; | Percent complete: | 39.8%; | Average loss: | 2.4475 |
| Iteration: | 1593; | Percent complete: | 39.8%; | Average loss: | 2.8261 |
| Iteration: | 1594; | Percent complete: | 39.9%; | Average loss: | 2.6712 |
| Iteration: | 1595; | Percent complete: | 39.9%; | Average loss: | 2.4836 |
| Iteration: | 1596; | Percent complete: | 39.9%; | Average loss: | 2.5984 |
| Iteration: | 1597; | Percent complete: | 39.9%; | Average loss: | 2.5798 |
| Iteration: | 1598; | Percent complete: | 40.0%; | Average loss: | 2.5898 |
| Iteration: | 1599; | Percent complete: | 40.0%; | Average loss: | 2.6399 |
| Iteration: | 1600; | Percent complete: | 40.0%; | Average loss: | 2.7227 |
| Iteration: | 1601; | Percent complete: | 40.0%; | Average loss: | 2.6423 |
| Iteration: | 1602; | Percent complete: | 40.1%; | Average loss: | 2.7634 |
| Iteration: | 1603; | Percent complete: | 40.1%; | Average loss: | 2.5775 |
| Iteration: | 1604; | Percent complete: | 40.1%; | Average loss: | 2.6014 |
| Iteration: | 1605; | Percent complete: | 40.1%; | Average loss: | 2.5515 |
| Iteration: | 1606; | Percent complete: | 40.2%; | Average loss: | 2.3673 |
| Iteration: | 1607; | Percent complete: | 40.2%; | Average loss: | 2.3529 |
| Iteration: | 1608; | Percent complete: | 40.2%; | Average loss: | 2.6676 |
| Iteration: | 1609; | Percent complete: | 40.2%; | Average loss: | 2.5471 |
| Iteration: | 1610; | Percent complete: | 40.2%; | Average loss: | 2.6620 |
| Iteration: | 1611; | Percent complete: | 40.3%; | Average loss: | 2.4258 |
| Iteration: | 1612; | Percent complete: | 40.3%; | Average loss: | 2.9663 |
| Iteration: | 1613; | Percent complete: | 40.3%; | Average loss: | 2.6298 |
| Iteration: | 1614; | Percent complete: | 40.4%; | Average loss: | 2.5671 |
| Iteration: | 1615; | Percent complete: | 40.4%; | Average loss: | 2.4668 |
| Iteration: | 1616; | Percent complete: | 40.4%; | Average loss: | 2.5947 |
| Iteration: | 1617; | Percent complete: | 40.4%; | Average loss: | 2.4220 |
| Iteration: | 1618; | Percent complete: | 40.5%; | Average loss: | 2.6978 |
| Iteration: | 1619; | Percent complete: | 40.5%; | Average loss: | 2.6388 |
| Iteration: | 1620; | Percent complete: | 40.5%; | Average loss: | 3.0047 |
| Iteration: | 1621; | Percent complete: | 40.5%; | Average loss: | 2.5659 |
| Iteration: | 1622; | Percent complete: | 40.6%; | Average loss: | 2.6451 |
| Iteration: | 1623; | Percent complete: | 40.6%; | Average loss: | 2.4755 |
| Iteration: | 1624; | Percent complete: | 40.6%; | Average loss: | 2.3599 |
| Iteration: | 1625; | Percent complete: | 40.6%; | Average loss: | 2.4961 |
| Iteration: | 1626; | Percent complete: | 40.6%; | Average loss: | 2.7321 |
| Iteration: | 1627; | Percent complete: | 40.7%; | Average loss: | 2.5725 |
| Iteration: | 1628; | Percent complete: | 40.7%; | Average loss: | 2.6826 |
| Iteration: | 1629; | Percent complete: | 40.7%; | Average loss: | 2.5349 |
| Iteration: | 1630; | Percent complete: | 40.8%; | Average loss: | 2.6061 |
| Iteration: | 1631; | Percent complete: | 40.8%; | Average loss: | 2.6132 |
| Iteration: | 1632; | Percent complete: | 40.8%; | Average loss: | 2.4290 |
| Iteration: | 1633; | Percent complete: | 40.8%; | Average loss: | 2.4709 |
| Iteration: | 1634; | Percent complete: | 40.8%; | Average loss: | 2.7601 |
| Iteration: | 1635; | Percent complete: | 40.9%; | Average loss: | 2.4719 |
| Iteration: | 1636; | Percent complete: | 40.9%; | Average loss: | 2.4700 |
| Iteration: | 1637; | Percent complete: | 40.9%; | Average loss: | 2.6669 |
| Iteration: | 1638; | Percent complete: | 40.9%; | Average loss: | 2.7084 |
| Iteration: | 1639; | Percent complete: | 41.0%; | Average loss: | 2.4950 |
| Iteration: | 1640; | Percent complete: | 41.0%; | Average loss: | 2.4674 |
| Iteration: | 1641; | Percent complete: | 41.0%; | Average loss: | 2.8326 |
| Iteration: | 1642; | Percent complete: | 41.0%; | Average loss: | 2.4507 |
| Iteration: | 1643; | Percent complete: | 41.1%; | Average loss: | 2.6408 |
| Iteration: | 1644; | Percent complete: | 41.1%; | Average loss: | 2.4179 |
| Iteration: | 1645; | Percent complete: | 41.1%; | Average loss: | 2.6287 |
| Iteration: | 1646; | Percent complete: | 41.1%; | Average loss: | 2.5832 |
| Iteration: | 1647; | Percent complete: | 41.2%; | Average loss: | 2.6562 |
| Iteration: | 1648; | Percent complete: | 41.2%; | Average loss: | 2.4973 |
| Iteration: | 1649; | Percent complete: | 41.2%; | Average loss: | 2.5927 |
| Iteration: | 1650; | Percent complete: | 41.2%; | Average loss: | 2.4484 |
| Iteration: | 1651; | Percent complete: | 41.3%; | Average loss: | 2.4425 |
| Iteration: | 1652; | Percent complete: | 41.3%; | Average loss: | 2      |

Iteration: 1668; Percent complete: 41.7%; Average loss: 2.3044  
Iteration: 1669; Percent complete: 41.7%; Average loss: 2.6981  
Iteration: 1670; Percent complete: 41.8%; Average loss: 2.5176  
Iteration: 1671; Percent complete: 41.8%; Average loss: 2.5496  
Iteration: 1672; Percent complete: 41.8%; Average loss: 2.7027  
Iteration: 1673; Percent complete: 41.8%; Average loss: 2.7181  
Iteration: 1674; Percent complete: 41.9%; Average loss: 2.5959  
Iteration: 1675; Percent complete: 41.9%; Average loss: 2.5999  
Iteration: 1676; Percent complete: 41.9%; Average loss: 2.5231  
Iteration: 1677; Percent complete: 41.9%; Average loss: 2.7616  
Iteration: 1678; Percent complete: 41.9%; Average loss: 2.7042  
Iteration: 1679; Percent complete: 42.0%; Average loss: 2.3433  
Iteration: 1680; Percent complete: 42.0%; Average loss: 2.8515  
Iteration: 1681; Percent complete: 42.0%; Average loss: 2.7053  
Iteration: 1682; Percent complete: 42.0%; Average loss: 2.6738  
Iteration: 1683; Percent complete: 42.1%; Average loss: 2.9369  
Iteration: 1684; Percent complete: 42.1%; Average loss: 2.6692  
Iteration: 1685; Percent complete: 42.1%; Average loss: 2.4379  
Iteration: 1686; Percent complete: 42.1%; Average loss: 2.6543  
Iteration: 1687; Percent complete: 42.2%; Average loss: 2.4749  
Iteration: 1688; Percent complete: 42.2%; Average loss: 2.3242  
Iteration: 1689; Percent complete: 42.2%; Average loss: 2.7123  
Iteration: 1690; Percent complete: 42.2%; Average loss: 2.5184  
Iteration: 1691; Percent complete: 42.3%; Average loss: 2.6316  
Iteration: 1692; Percent complete: 42.3%; Average loss: 2.4208  
Iteration: 1693; Percent complete: 42.3%; Average loss: 2.9634  
Iteration: 1694; Percent complete: 42.4%; Average loss: 2.6217  
Iteration: 1695; Percent complete: 42.4%; Average loss: 2.6309  
Iteration: 1696; Percent complete: 42.4%; Average loss: 2.6907  
Iteration: 1697; Percent complete: 42.4%; Average loss: 2.4231  
Iteration: 1698; Percent complete: 42.4%; Average loss: 2.3678  
Iteration: 1699; Percent complete: 42.5%; Average loss: 2.7784  
Iteration: 1700; Percent complete: 42.5%; Average loss: 2.7150  
Iteration: 1701; Percent complete: 42.5%; Average loss: 2.6009  
Iteration: 1702; Percent complete: 42.5%; Average loss: 2.8377  
Iteration: 1703; Percent complete: 42.6%; Average loss: 2.5765  
Iteration: 1704; Percent complete: 42.6%; Average loss: 2.5925  
Iteration: 1705; Percent complete: 42.6%; Average loss: 2.7462  
Iteration: 1706; Percent complete: 42.6%; Average loss: 2.6567  
Iteration: 1707; Percent complete: 42.7%; Average loss: 2.6529  
Iteration: 1708; Percent complete: 42.7%; Average loss: 2.7294  
Iteration: 1709; Percent complete: 42.7%; Average loss: 2.6942  
Iteration: 1710; Percent complete: 42.8%; Average loss: 2.5644  
Iteration: 1711; Percent complete: 42.8%; Average loss: 2.7185  
Iteration: 1712; Percent complete: 42.8%; Average loss: 2.6191  
Iteration: 1713; Percent complete: 42.8%; Average loss: 2.4998  
Iteration: 1714; Percent complete: 42.9%; Average loss: 2.5768  
Iteration: 1715; Percent complete: 42.9%; Average loss: 2.6526  
Iteration: 1716; Percent complete: 42.9%; Average loss: 2.6199  
Iteration: 1717; Percent complete: 42.9%; Average loss: 2.9775  
Iteration: 1718; Percent complete: 43.0%; Average loss: 2.4583  
Iteration: 1719; Percent complete: 43.0%; Average loss: 2.6429  
Iteration: 1720; Percent complete: 43.0%; Average loss: 2.7732  
Iteration: 1721; Percent complete: 43.0%; Average loss: 2.6579  
Iteration: 1722; Percent complete: 43.0%; Average loss: 2.5285  
Iteration: 1723; Percent complete: 43.1%; Average loss: 2.5913  
Iteration: 1724; Percent complete: 43.1%; Average loss: 2.6040  
Iteration: 1725; Percent complete: 43.1%; Average loss: 2.5944  
Iteration: 1726; Percent complete: 43.1%; Average loss: 2.5937  
Iteration: 1727; Percent complete: 43.2%; Average loss: 2.8011  
Iteration: 1728; Percent complete: 43.2%; Average loss: 2.5095  
Iteration: 1729; Percent complete: 43.2%; Average loss: 2.5238  
Iteration: 1730; Percent complete: 43.2%; Average loss: 2.6034  
Iteration: 1731; Percent complete: 43.3%; Average loss: 2.7307  
Iteration: 1732; Percent complete: 43.3%; Average loss: 2.9218  
Iteration: 1733; Percent complete: 43.3%; Average loss: 2.7117  
Iteration: 1734; Percent complete: 43.4%; Average loss: 2.8971  
Iteration: 1735; Percent complete: 43.4%; Average loss: 2.6835  
Iteration: 1736; Percent complete: 43.4%; Average loss: 2.5269  
Iteration: 1737; Percent complete: 43.4%; Average loss: 2.6619  
Iteration: 1738; Percent complete: 43.5%; Average loss: 2.3794  
Iteration: 1739; Percent complete: 43.5%; Average loss: 2.8432  
Iteration: 1740; Percent complete: 43.5%; Average loss: 2.4170  
Iteration: 1741; Percent complete: 43.5%; Average loss: 2.2957  
Iteration: 1742; Percent complete: 43.5%; Average loss: 2.7322  
Iteration: 1743; Percent complete: 43.6%; Average loss: 2.6932  
Iteration: 1744; Percent complete: 43.6%; Average loss: 2.6569  
Iteration: 1745; Percent complete: 43.6%; Average loss: 2.6210  
Iteration: 1746; Percent complete: 43.6%; Average loss: 2.7177  
Iteration: 1747; Percent complete: 43.7%; Average loss: 2.5195  
Iteration: 1748; Percent complete: 43.7%; Average loss: 2.5337  
Iteration: 1749; Percent complete: 43.7%; Average loss: 2.7609  
Iteration: 1750; Percent complete: 43.8%; Average loss: 2.4459  
Iteration: 1751; Percent complete: 43.8%; Average loss: 2.5839  
Iteration: 1752; Percent complete: 43.8%; Average loss: 2.7629  
Iteration: 1753; Percent complete: 43.8%; Average loss: 2.5911  
Iteration: 1754; Percent complete: 43.9%; Average loss: 2.6585  
Iteration: 1755; Percent complete: 43.9%; Average loss: 2.4859  
Iteration: 1756; Percent complete: 43.9%; Average loss: 2.6523  
Iteration: 1757; Percent complete: 43.9%; Average loss: 2.6836  
Iteration: 1758; Percent complete: 44.0%; Average loss: 2.5461  
Iteration: 1759; Percent complete: 44.0%; Average loss: 2.4629

|            |       |         |           |        |         |       |        |
|------------|-------|---------|-----------|--------|---------|-------|--------|
| Iteration: | 1760; | Percent | complete: | 44.0%; | Average | loss: | 2.5131 |
| Iteration: | 1761; | Percent | complete: | 44.0%; | Average | loss: | 2.3482 |
| Iteration: | 1762; | Percent | complete: | 44.0%; | Average | loss: | 2.6271 |
| Iteration: | 1763; | Percent | complete: | 44.1%; | Average | loss: | 2.5743 |
| Iteration: | 1764; | Percent | complete: | 44.1%; | Average | loss: | 2.5900 |
| Iteration: | 1765; | Percent | complete: | 44.1%; | Average | loss: | 2.4860 |
| Iteration: | 1766; | Percent | complete: | 44.1%; | Average | loss: | 2.6735 |
| Iteration: | 1767; | Percent | complete: | 44.2%; | Average | loss: | 2.6006 |
| Iteration: | 1768; | Percent | complete: | 44.2%; | Average | loss: | 2.4486 |
| Iteration: | 1769; | Percent | complete: | 44.2%; | Average | loss: | 2.3958 |
| Iteration: | 1770; | Percent | complete: | 44.2%; | Average | loss: | 2.6526 |
| Iteration: | 1771; | Percent | complete: | 44.3%; | Average | loss: | 2.6552 |
| Iteration: | 1772; | Percent | complete: | 44.3%; | Average | loss: | 2.5028 |
| Iteration: | 1773; | Percent | complete: | 44.3%; | Average | loss: | 2.6625 |
| Iteration: | 1774; | Percent | complete: | 44.4%; | Average | loss: | 2.6380 |
| Iteration: | 1775; | Percent | complete: | 44.4%; | Average | loss: | 2.5687 |
| Iteration: | 1776; | Percent | complete: | 44.4%; | Average | loss: | 2.6716 |
| Iteration: | 1777; | Percent | complete: | 44.4%; | Average | loss: | 2.5274 |
| Iteration: | 1778; | Percent | complete: | 44.5%; | Average | loss: | 2.4991 |
| Iteration: | 1779; | Percent | complete: | 44.5%; | Average | loss: | 2.5672 |
| Iteration: | 1780; | Percent | complete: | 44.5%; | Average | loss: | 2.6753 |
| Iteration: | 1781; | Percent | complete: | 44.5%; | Average | loss: | 2.5156 |
| Iteration: | 1782; | Percent | complete: | 44.5%; | Average | loss: | 2.3248 |
| Iteration: | 1783; | Percent | complete: | 44.6%; | Average | loss: | 2.5692 |
| Iteration: | 1784; | Percent | complete: | 44.6%; | Average | loss: | 2.7529 |
| Iteration: | 1785; | Percent | complete: | 44.6%; | Average | loss: | 2.6820 |
| Iteration: | 1786; | Percent | complete: | 44.6%; | Average | loss: | 2.6021 |
| Iteration: | 1787; | Percent | complete: | 44.7%; | Average | loss: | 2.6586 |
| Iteration: | 1788; | Percent | complete: | 44.7%; | Average | loss: | 2.6101 |
| Iteration: | 1789; | Percent | complete: | 44.7%; | Average | loss: | 2.5358 |
| Iteration: | 1790; | Percent | complete: | 44.8%; | Average | loss: | 2.7732 |
| Iteration: | 1791; | Percent | complete: | 44.8%; | Average | loss: | 2.6638 |
| Iteration: | 1792; | Percent | complete: | 44.8%; | Average | loss: | 2.7321 |
| Iteration: | 1793; | Percent | complete: | 44.8%; | Average | loss: | 2.6682 |
| Iteration: | 1794; | Percent | complete: | 44.9%; | Average | loss: | 2.6485 |
| Iteration: | 1795; | Percent | complete: | 44.9%; | Average | loss: | 2.6905 |
| Iteration: | 1796; | Percent | complete: | 44.9%; | Average | loss: | 2.5277 |
| Iteration: | 1797; | Percent | complete: | 44.9%; | Average | loss: | 2.5438 |
| Iteration: | 1798; | Percent | complete: | 45.0%; | Average | loss: | 2.8492 |
| Iteration: | 1799; | Percent | complete: | 45.0%; | Average | loss: | 2.4769 |
| Iteration: | 1800; | Percent | complete: | 45.0%; | Average | loss: | 2.4475 |
| Iteration: | 1801; | Percent | complete: | 45.0%; | Average | loss: | 2.6823 |
| Iteration: | 1802; | Percent | complete: | 45.1%; | Average | loss: | 2.8175 |
| Iteration: | 1803; | Percent | complete: | 45.1%; | Average | loss: | 2.3963 |
| Iteration: | 1804; | Percent | complete: | 45.1%; | Average | loss: | 2.6493 |
| Iteration: | 1805; | Percent | complete: | 45.1%; | Average | loss: | 2.5585 |
| Iteration: | 1806; | Percent | complete: | 45.1%; | Average | loss: | 2.6122 |
| Iteration: | 1807; | Percent | complete: | 45.2%; | Average | loss: | 2.5462 |
| Iteration: | 1808; | Percent | complete: | 45.2%; | Average | loss: | 2.7872 |
| Iteration: | 1809; | Percent | complete: | 45.2%; | Average | loss: | 2.6184 |
| Iteration: | 1810; | Percent | complete: | 45.2%; | Average | loss: | 2.6775 |
| Iteration: | 1811; | Percent | complete: | 45.3%; | Average | loss: | 2.5539 |
| Iteration: | 1812; | Percent | complete: | 45.3%; | Average | loss: | 2.6863 |
| Iteration: | 1813; | Percent | complete: | 45.3%; | Average | loss: | 2.6143 |
| Iteration: | 1814; | Percent | complete: | 45.4%; | Average | loss: | 2.6356 |
| Iteration: | 1815; | Percent | complete: | 45.4%; | Average | loss: | 2.4912 |
| Iteration: | 1816; | Percent | complete: | 45.4%; | Average | loss: | 2.6494 |
| Iteration: | 1817; | Percent | complete: | 45.4%; | Average | loss: | 2.3902 |
| Iteration: | 1818; | Percent | complete: | 45.5%; | Average | loss: | 2.4244 |
| Iteration: | 1819; | Percent | complete: | 45.5%; | Average | loss: | 2.6437 |
| Iteration: | 1820; | Percent | complete: | 45.5%; | Average | loss: | 2.5187 |
| Iteration: | 1821; | Percent | complete: | 45.5%; | Average | loss: | 2.8419 |
| Iteration: | 1822; | Percent | complete: | 45.6%; | Average | loss: | 2.4385 |
| Iteration: | 1823; | Percent | complete: | 45.6%; | Average | loss: | 2.5045 |

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|                  |                   |        |               |        |
|------------------|-------------------|--------|---------------|--------|
| Iteration: 2033; | Percent complete: | 50.8%; | Average loss: | 2.7079 |
| Iteration: 2034; | Percent complete: | 50.8%; | Average loss: | 2.5877 |
| Iteration: 2035; | Percent complete: | 50.9%; | Average loss: | 2.5731 |
| Iteration: 2036; | Percent complete: | 50.9%; | Average loss: | 2.6706 |
| Iteration: 2037; | Percent complete: | 50.9%; | Average loss: | 2.7040 |
| Iteration: 2038; | Percent complete: | 50.9%; | Average loss: | 2.6554 |
| Iteration: 2039; | Percent complete: | 51.0%; | Average loss: | 2.4335 |
| Iteration: 2040; | Percent complete: | 51.0%; | Average loss: | 2.5993 |
| Iteration: 2041; | Percent complete: | 51.0%; | Average loss: | 2.5752 |
| Iteration: 2042; | Percent complete: | 51.0%; | Average loss: | 2.5120 |
| Iteration: 2043; | Percent complete: | 51.1%; | Average loss: | 2.6057 |
| Iteration: 2044; | Percent complete: | 51.1%; | Average loss: | 2.6700 |
| Iteration: 2045; | Percent complete: | 51.1%; | Average loss: | 2.5219 |
| Iteration: 2046; | Percent complete: | 51.1%; | Average loss: | 2.4165 |
| Iteration: 2047; | Percent complete: | 51.2%; | Average loss: | 2.5575 |
| Iteration: 2048; | Percent complete: | 51.2%; | Average loss: | 2.8080 |
| Iteration: 2049; | Percent complete: | 51.2%; | Average loss: | 2.7223 |
| Iteration: 2050; | Percent complete: | 51.2%; | Average loss: | 2.5491 |
| Iteration: 2051; | Percent complete: | 51.3%; | Average loss: | 2.7847 |
| Iteration: 2052; | Percent complete: | 51.3%; | Average loss: | 2.3967 |
| Iteration: 2053; | Percent complete: | 51.3%; | Average loss: | 2.5976 |
| Iteration: 2054; | Percent complete: | 51.3%; | Average loss: | 2.5060 |
| Iteration: 2055; | Percent complete: | 51.4%; | Average loss: | 2.5097 |
| Iteration: 2056; | Percent complete: | 51.4%; | Average loss: | 2.4083 |
| Iteration: 2057; | Percent complete: | 51.4%; | Average loss: | 2.6772 |
| Iteration: 2058; | Percent complete: | 51.4%; | Average loss: | 2.7858 |
| Iteration: 2059; | Percent complete: | 51.5%; | Average loss: | 2.5654 |
| Iteration: 2060; | Percent complete: | 51.5%; | Average loss: | 2.6410 |
| Iteration: 2061; | Percent complete: | 51.5%; | Average loss: | 2.5061 |
| Iteration: 2062; | Percent complete: | 51.5%; | Average loss: | 2.6383 |
| Iteration: 2063; | Percent complete: | 51.6%; | Average loss: | 2.5296 |
| Iteration: 2064; | Percent complete: | 51.6%; | Average loss: | 2.7678 |
| Iteration: 2065; | Percent complete: | 51.6%; | Average loss: | 2.6590 |
| Iteration: 2066; | Percent complete: | 51.6%; | Average loss: | 2.6791 |
| Iteration: 2067; | Percent complete: | 51.7%; | Average loss: | 2.5245 |
| Iteration: 2068; | Percent complete: | 51.7%; | Average loss: | 2.5724 |
| Iteration: 2069; | Percent complete: | 51.7%; | Average loss: | 2.5473 |
| Iteration: 2070; | Percent complete: | 51.7%; | Average loss: | 2.4873 |
| Iteration: 2071; | Percent complete: | 51.8%; | Average loss: | 2.5411 |
| Iteration: 2072; | Percent complete: | 51.8%; | Average loss: | 2.4600 |
| Iteration: 2073; | Percent complete: | 51.8%; | Average loss: | 2.6423 |
| Iteration: 2074; | Percent complete: | 51.8%; | Average loss: | 2.6442 |
| Iteration: 2075; | Percent complete: | 51.9%; | Average loss: | 2.5021 |
| Iteration: 2076; | Percent complete: | 51.9%; | Average loss: | 2.3870 |
| Iteration: 2077; | Percent complete: | 51.9%; | Average loss: | 2.6558 |
| Iteration: 2078; | Percent complete: | 51.9%; | Average loss: | 2.6841 |
| Iteration: 2079; | Percent complete: | 52.0%; | Average loss: | 2.6931 |
| Iteration: 2080; | Percent complete: | 52.0%; | Average loss: | 2.5267 |
| Iteration: 2081; | Percent complete: | 52.0%; | Average loss: | 2.5579 |
| Iteration: 2082; | Percent complete: | 52.0%; | Average loss: | 2.5944 |
| Iteration: 2083; | Percent complete: | 52.1%; | Average loss: | 2.6015 |
| Iteration: 2084; | Percent complete: | 52.1%; | Average loss: | 2.4778 |
| Iteration: 2085; | Percent complete: | 52.1%; | Average loss: | 2.4655 |
| Iteration: 2086; | Percent complete: | 52.1%; | Average loss: | 2.5825 |
| Iteration: 2087; | Percent complete: | 52.2%; | Average loss: | 2.6591 |
| Iteration: 2088; | Percent complete: | 52.2%; | Average loss: | 2.5717 |
| Iteration: 2089; | Percent complete: | 52.2%; | Average loss: | 2.5703 |
| Iteration: 2090; | Percent complete: | 52.2%; | Average loss: | 2.5292 |
| Iteration: 2091; | Percent complete: | 52.3%; | Average loss: | 2.5198 |
| Iteration: 2092; | Percent complete: | 52.3%; | Average loss: | 2.6741 |
| Iteration: 2093; | Percent complete: | 52.3%; | Average loss: | 2.5929 |
| Iteration: 2094; | Percent complete: | 52.3%; | Average loss: | 2.4867 |
| Iteration: 2095; | Percent complete: | 52.4%; | Average loss: | 2.5819 |
| Iteration: 2096; | Percent complete: | 52.4%; | Average loss: | 2.5971 |
| Iteration: 2097; | Percent complete: | 52.4%; | Average loss: | 2.5955 |
| Iteration: 2098; | Percent complete: | 52.4%; | Average loss: | 2.3992 |
| Iteration: 2099; | Percent complete: | 52.5%; | Average loss: | 2.7004 |
| Iteration: 2100; | Percent complete: | 52.5%; | Average loss: | 2.5666 |
| Iteration: 2101; | Percent complete: | 52.5%; | Average loss: | 2.6336 |
| Iteration: 2102; | Percent complete: | 52.5%; | Average loss: | 2.6640 |
| Iteration: 2103; | Percent complete: | 52.6%; | Average loss: | 2.7349 |
| Iteration: 2104; | Percent complete: | 52.6%; | Average loss: | 2.7765 |
| Iteration: 2105; | Percent complete: | 52.6%; | Average loss: | 2.4867 |
| Iteration: 2106; | Percent complete: | 52.6%; | Average loss: | 2.5182 |
| Iteration: 2107; | Percent complete: | 52.7%; | Average loss: | 2.5407 |
| Iteration: 2108; | Percent complete: | 52.7%; | Average loss: | 2.6559 |
| Iteration: 2109; | Percent complete: | 52.7%; | Average loss: | 2.5817 |
| Iteration: 2110; | Percent complete: | 52.8%; | Average loss: | 2.7257 |
| Iteration: 2111; | Percent complete: | 52.8%; | Average loss: | 2.5834 |
| Iteration: 2112; | Percent complete: | 52.8%; | Average loss: | 2.4947 |
| Iteration: 2113; |                   |        |               |        |

|            |       |         |           |        |         |       |        |
|------------|-------|---------|-----------|--------|---------|-------|--------|
| Iteration: | 2125; | Percent | complete: | 53.1%; | Average | loss: | 2.6027 |
| Iteration: | 2126; | Percent | complete: | 53.1%; | Average | loss: | 2.3915 |
| Iteration: | 2127; | Percent | complete: | 53.2%; | Average | loss: | 2.6673 |
| Iteration: | 2128; | Percent | complete: | 53.2%; | Average | loss: | 2.7020 |
| Iteration: | 2129; | Percent | complete: | 53.2%; | Average | loss: | 2.5783 |
| Iteration: | 2130; | Percent | complete: | 53.2%; | Average | loss: | 2.6728 |
| Iteration: | 2131; | Percent | complete: | 53.3%; | Average | loss: | 2.6119 |
| Iteration: | 2132; | Percent | complete: | 53.3%; | Average | loss: | 2.8184 |
| Iteration: | 2133; | Percent | complete: | 53.3%; | Average | loss: | 2.4149 |
| Iteration: | 2134; | Percent | complete: | 53.3%; | Average | loss: | 2.8379 |
| Iteration: | 2135; | Percent | complete: | 53.4%; | Average | loss: | 2.5256 |
| Iteration: | 2136; | Percent | complete: | 53.4%; | Average | loss: | 2.6454 |
| Iteration: | 2137; | Percent | complete: | 53.4%; | Average | loss: | 2.6567 |
| Iteration: | 2138; | Percent | complete: | 53.4%; | Average | loss: | 2.7277 |
| Iteration: | 2139; | Percent | complete: | 53.5%; | Average | loss: | 2.7220 |
| Iteration: | 2140; | Percent | complete: | 53.5%; | Average | loss: | 2.6263 |
| Iteration: | 2141; | Percent | complete: | 53.5%; | Average | loss: | 2.5638 |
| Iteration: | 2142; | Percent | complete: | 53.5%; | Average | loss: | 2.6387 |
| Iteration: | 2143; | Percent | complete: | 53.6%; | Average | loss: | 2.8454 |
| Iteration: | 2144; | Percent | complete: | 53.6%; | Average | loss: | 2.5023 |
| Iteration: | 2145; | Percent | complete: | 53.6%; | Average | loss: | 2.4744 |
| Iteration: | 2146; | Percent | complete: | 53.6%; | Average | loss: | 2.6858 |
| Iteration: | 2147; | Percent | complete: | 53.7%; | Average | loss: | 2.6180 |
| Iteration: | 2148; | Percent | complete: | 53.7%; | Average | loss: | 2.5116 |
| Iteration: | 2149; | Percent | complete: | 53.7%; | Average | loss: | 2.7356 |
| Iteration: | 2150; | Percent | complete: | 53.8%; | Average | loss: | 2.6403 |
| Iteration: | 2151; | Percent | complete: | 53.8%; | Average | loss: | 2.5365 |
| Iteration: | 2152; | Percent | complete: | 53.8%; | Average | loss: | 2.5197 |
| Iteration: | 2153; | Percent | complete: | 53.8%; | Average | loss: | 2.4320 |
| Iteration: | 2154; | Percent | complete: | 53.8%; | Average | loss: | 2.4858 |
| Iteration: | 2155; | Percent | complete: | 53.9%; | Average | loss: | 2.6257 |
| Iteration: | 2156; | Percent | complete: | 53.9%; | Average | loss: | 2.4107 |
| Iteration: | 2157; | Percent | complete: | 53.9%; | Average | loss: | 2.5657 |
| Iteration: | 2158; | Percent | complete: | 53.9%; | Average | loss: | 2.5418 |
| Iteration: | 2159; | Percent | complete: | 54.0%; | Average | loss: | 2.5553 |
| Iteration: | 2160; | Percent | complete: | 54.0%; | Average | loss: | 2.4508 |
| Iteration: | 2161; | Percent | complete: | 54.0%; | Average | loss: | 2.7290 |
| Iteration: | 2162; | Percent | complete: | 54.0%; | Average | loss: | 2.3880 |
| Iteration: | 2163; | Percent | complete: | 54.1%; | Average | loss: | 2.5843 |
| Iteration: | 2164; | Percent | complete: | 54.1%; | Average | loss: | 2.3419 |
| Iteration: | 2165; | Percent | complete: | 54.1%; | Average | loss: | 2.5464 |
| Iteration: | 2166; | Percent | complete: | 54.1%; | Average | loss: | 2.5643 |
| Iteration: | 2167; | Percent | complete: | 54.2%; | Average | loss: | 2.5797 |
| Iteration: | 2168; | Percent | complete: | 54.2%; | Average | loss: | 2.6409 |
| Iteration: | 2169; | Percent | complete: | 54.2%; | Average | loss: | 2.7392 |
| Iteration: | 2170; | Percent | complete: | 54.2%; | Average | loss: | 2.5483 |
| Iteration: | 2171; | Percent | complete: | 54.3%; | Average | loss: | 2.3970 |
| Iteration: | 2172; | Percent | complete: | 54.3%; | Average | loss: | 2.4824 |
| Iteration: | 2173; | Percent | complete: | 54.3%; | Average | loss: | 2.8407 |
| Iteration: | 2174; | Percent | complete: | 54.4%; | Average | loss: | 2.4367 |
| Iteration: | 2175; | Percent | complete: | 54.4%; | Average | loss: | 2.6290 |
| Iteration: | 2176; | Percent | complete: | 54.4%; | Average | loss: | 2.4204 |
| Iteration: | 2177; | Percent | complete: | 54.4%; | Average | loss: | 2.7312 |
| Iteration: | 2178; | Percent | complete: | 54.4%; | Average | loss: | 2.5452 |
| Iteration: | 2179; | Percent | complete: | 54.5%; | Average | loss: | 2.6848 |
| Iteration: | 2180; | Percent | complete: | 54.5%; | Average | loss: | 2.6963 |
| Iteration: | 2181; | Percent | complete: | 54.5%; | Average | loss: | 2.4987 |
| Iteration: | 2182; | Percent | complete: | 54.5%; | Average | loss: | 2.5918 |
| Iteration: | 2183; | Percent | complete: | 54.6%; | Average | loss: | 2.5942 |
| Iteration: | 2184; | Percent | complete: | 54.6%; | Average | loss: | 2.6442 |
| Iteration: | 2185; | Percent | complete: | 54.6%; | Average | loss: | 2.8560 |
| Iteration: | 2186; | Percent | complete: | 54.6%; | Average | loss: | 2.5483 |
| Iteration: | 2187; | Percent | complete: | 54.7%; | Average | loss: | 2.4709 |
| Iteration: | 2188; | Percent | complete: | 54.7%; | Average | loss: | 2.7905 |





|            |       |                   |        |               |        |
|------------|-------|-------------------|--------|---------------|--------|
| Iteration: | 2307; | Percent complete: | 57.7%; | Average loss: | 2.4163 |
| Iteration: | 2308; | Percent complete: | 57.7%; | Average loss: | 2.7457 |
| Iteration: | 2309; | Percent complete: | 57.7%; | Average loss: | 2.5281 |
| Iteration: | 2310; | Percent complete: | 57.8%; | Average loss: | 2.5182 |
| Iteration: | 2311; | Percent complete: | 57.8%; | Average loss: | 2.4590 |
| Iteration: | 2312; | Percent complete: | 57.8%; | Average loss: | 2.4873 |
| Iteration: | 2313; | Percent complete: | 57.8%; | Average loss: | 2.7349 |
| Iteration: | 2314; | Percent complete: | 57.9%; | Average loss: | 2.5309 |
| Iteration: | 2315; | Percent complete: | 57.9%; | Average loss: | 2.3714 |
| Iteration: | 2316; | Percent complete: | 57.9%; | Average loss: | 2.6139 |
| Iteration: | 2317; | Percent complete: | 57.9%; | Average loss: | 2.5993 |
| Iteration: | 2318; | Percent complete: | 58.0%; | Average loss: | 2.5202 |
| Iteration: | 2319; | Percent complete: | 58.0%; | Average loss: | 2.3886 |
| Iteration: | 2320; | Percent complete: | 58.0%; | Average loss: | 2.6059 |
| Iteration: | 2321; | Percent complete: | 58.0%; | Average loss: | 2.6922 |
| Iteration: | 2322; | Percent complete: | 58.1%; | Average loss: | 2.4023 |
| Iteration: | 2323; | Percent complete: | 58.1%; | Average loss: | 2.6959 |
| Iteration: | 2324; | Percent complete: | 58.1%; | Average loss: | 2.5907 |
| Iteration: | 2325; | Percent complete: | 58.1%; | Average loss: | 2.8226 |
| Iteration: | 2326; | Percent complete: | 58.1%; | Average loss: | 2.7326 |
| Iteration: | 2327; | Percent complete: | 58.2%; | Average loss: | 2.4735 |
| Iteration: | 2328; | Percent complete: | 58.2%; | Average loss: | 2.5813 |
| Iteration: | 2329; | Percent complete: | 58.2%; | Average loss: | 2.7308 |
| Iteration: | 2330; | Percent complete: | 58.2%; | Average loss: | 2.4547 |
| Iteration: | 2331; | Percent complete: | 58.3%; | Average loss: | 2.7886 |
| Iteration: | 2332; | Percent complete: | 58.3%; | Average loss: | 2.4532 |
| Iteration: | 2333; | Percent complete: | 58.3%; | Average loss: | 2.6788 |
| Iteration: | 2334; | Percent complete: | 58.4%; | Average loss: | 2.6030 |
| Iteration: | 2335; | Percent complete: | 58.4%; | Average loss: | 2.6728 |
| Iteration: | 2336; | Percent complete: | 58.4%; | Average loss: | 2.6430 |
| Iteration: | 2337; | Percent complete: | 58.4%; | Average loss: | 2.6627 |
| Iteration: | 2338; | Percent complete: | 58.5%; | Average loss: | 2.6339 |
| Iteration: | 2339; | Percent complete: | 58.5%; | Average loss: | 2.5873 |
| Iteration: | 2340; | Percent complete: | 58.5%; | Average loss: | 2.7262 |
| Iteration: | 2341; | Percent complete: | 58.5%; | Average loss: | 2.5821 |
| Iteration: | 2342; | Percent complete: | 58.6%; | Average loss: | 2.7230 |
| Iteration: | 2343; | Percent complete: | 58.6%; | Average loss: | 2.6376 |
| Iteration: | 2344; | Percent complete: | 58.6%; | Average loss: | 2.5926 |
| Iteration: | 2345; | Percent complete: | 58.6%; | Average loss: | 2.6795 |
| Iteration: | 2346; | Percent complete: | 58.7%; | Average loss: | 2.5702 |
| Iteration: | 2347; | Percent complete: | 58.7%; | Average loss: | 2.6354 |
| Iteration: | 2348; | Percent complete: | 58.7%; | Average loss: | 2.7824 |
| Iteration: | 2349; | Percent complete: | 58.7%; | Average loss: | 2.5014 |
| Iteration: | 2350; | Percent complete: | 58.8%; | Average loss: | 2.6797 |
| Iteration: | 2351; | Percent complete: | 58.8%; | Average loss: | 2.7279 |
| Iteration: | 2352; | Percent complete: | 58.8%; | Average loss: | 2.3447 |
| Iteration: | 2353; | Percent complete: | 58.8%; | Average loss: | 2.5749 |
| Iteration: | 2354; | Percent complete: | 58.9%; | Average loss: | 2.6927 |
| Iteration: | 2355; | Percent complete: | 58.9%; | Average loss: | 2.6789 |
| Iteration: | 2356; | Percent complete: | 58.9%; | Average loss: | 2.6637 |
| Iteration: | 2357; | Percent complete: | 58.9%; | Average loss: | 2.4654 |
| Iteration: | 2358; | Percent complete: | 59.0%; | Average loss: | 2.6687 |
| Iteration: | 2359; | Percent complete: | 59.0%; | Average loss: | 2.6585 |
| Iteration: | 2360; | Percent complete: | 59.0%; | Average loss: | 2.5781 |
| Iteration: | 2361; | Percent complete: | 59.0%; | Average loss: | 2.7220 |
| Iteration: | 2362; | Percent complete: | 59.1%; | Average loss: | 2.4120 |
| Iteration: | 2363; | Percent complete: | 59.1%; | Average loss: | 2.6091 |
| Iteration: | 2364; | Percent complete: | 59.1%; | Average loss: | 2.6716 |
| Iteration: | 2365; | Percent complete: | 59.1%; | Average loss: | 2.4823 |
| Iteration: | 2366; | Percent complete: | 59.2%; | Average loss: | 2.4652 |
| Iteration: | 2367; | Percent complete: | 59.2%; | Average loss: | 2.5551 |
| Iteration: | 2368; | Percent complete: | 59.2%; | Average loss: | 2.6793 |
| Iteration: | 2369; | Percent complete: | 59.2%; | Average loss: | 2.7593 |
| Iteration: | 2370; | Percent complete: | 59.2%; | Average loss: | 2.6674 |
| Iteration: | 2371; | Percent complete: | 59.3%; | Average loss: | 2.4948 |
| Iteration: | 2372; | Percent complete: | 59.3%; | Average loss: | 2.5090 |
| Iteration: | 2373; | Percent complete: | 59.3%; | Average loss: | 2.6051 |
| Iteration: | 2374; | Percent complete: | 59.4%; | Average loss: | 2.7887 |
| Iteration: | 2375; | Percent complete: | 59.4%; | Average loss: | 2.6827 |
| Iteration: | 2376; | Percent complete: | 59.4%; | Average loss: | 2.6848 |
| Iteration: | 2377; | Percent complete: | 59.4%; | Average loss: | 2.4207 |
| Iteration: | 2378; | Percent complete: | 59.5%; | Average loss: | 2.5776 |
| Iteration: | 2379; | Percent complete: | 59.5%; | Average loss: | 2.4462 |
| Iteration: | 2380; | Percent complete: | 59.5%; | Average loss: | 2.5528 |
| Iteration: | 2381; | Percent complete: | 59.5%; | Average loss: | 2.6254 |
| Iteration: | 2382; | Percent complete: | 59.6%; | Average loss: | 2      |

|            |       |                   |        |               |        |
|------------|-------|-------------------|--------|---------------|--------|
| Iteration: | 2398; | Percent complete: | 60.0%; | Average loss: | 2.4041 |
| Iteration: | 2399; | Percent complete: | 60.0%; | Average loss: | 2.5146 |
| Iteration: | 2400; | Percent complete: | 60.0%; | Average loss: | 2.6059 |
| Iteration: | 2401; | Percent complete: | 60.0%; | Average loss: | 2.6953 |
| Iteration: | 2402; | Percent complete: | 60.1%; | Average loss: | 2.6961 |
| Iteration: | 2403; | Percent complete: | 60.1%; | Average loss: | 2.6331 |
| Iteration: | 2404; | Percent complete: | 60.1%; | Average loss: | 2.4445 |
| Iteration: | 2405; | Percent complete: | 60.1%; | Average loss: | 2.5495 |
| Iteration: | 2406; | Percent complete: | 60.2%; | Average loss: | 2.4183 |
| Iteration: | 2407; | Percent complete: | 60.2%; | Average loss: | 2.4107 |
| Iteration: | 2408; | Percent complete: | 60.2%; | Average loss: | 2.6850 |
| Iteration: | 2409; | Percent complete: | 60.2%; | Average loss: | 2.6384 |
| Iteration: | 2410; | Percent complete: | 60.2%; | Average loss: | 2.4773 |
| Iteration: | 2411; | Percent complete: | 60.3%; | Average loss: | 2.5393 |
| Iteration: | 2412; | Percent complete: | 60.3%; | Average loss: | 2.5521 |
| Iteration: | 2413; | Percent complete: | 60.3%; | Average loss: | 2.6881 |
| Iteration: | 2414; | Percent complete: | 60.4%; | Average loss: | 2.8106 |
| Iteration: | 2415; | Percent complete: | 60.4%; | Average loss: | 2.5438 |
| Iteration: | 2416; | Percent complete: | 60.4%; | Average loss: | 2.5244 |
| Iteration: | 2417; | Percent complete: | 60.4%; | Average loss: | 2.6019 |
| Iteration: | 2418; | Percent complete: | 60.5%; | Average loss: | 2.4662 |
| Iteration: | 2419; | Percent complete: | 60.5%; | Average loss: | 2.5338 |
| Iteration: | 2420; | Percent complete: | 60.5%; | Average loss: | 2.6260 |
| Iteration: | 2421; | Percent complete: | 60.5%; | Average loss: | 2.5914 |
| Iteration: | 2422; | Percent complete: | 60.6%; | Average loss: | 2.5551 |
| Iteration: | 2423; | Percent complete: | 60.6%; | Average loss: | 2.5327 |
| Iteration: | 2424; | Percent complete: | 60.6%; | Average loss: | 2.5722 |
| Iteration: | 2425; | Percent complete: | 60.6%; | Average loss: | 2.5684 |
| Iteration: | 2426; | Percent complete: | 60.7%; | Average loss: | 2.6210 |
| Iteration: | 2427; | Percent complete: | 60.7%; | Average loss: | 2.5115 |
| Iteration: | 2428; | Percent complete: | 60.7%; | Average loss: | 2.8092 |
| Iteration: | 2429; | Percent complete: | 60.7%; | Average loss: | 2.4669 |
| Iteration: | 2430; | Percent complete: | 60.8%; | Average loss: | 2.6670 |
| Iteration: | 2431; | Percent complete: | 60.8%; | Average loss: | 2.6627 |
| Iteration: | 2432; | Percent complete: | 60.8%; | Average loss: | 2.7428 |
| Iteration: | 2433; | Percent complete: | 60.8%; | Average loss: | 2.6973 |
| Iteration: | 2434; | Percent complete: | 60.9%; | Average loss: | 2.5735 |
| Iteration: | 2435; | Percent complete: | 60.9%; | Average loss: | 2.6762 |
| Iteration: | 2436; | Percent complete: | 60.9%; | Average loss: | 2.4748 |
| Iteration: | 2437; | Percent complete: | 60.9%; | Average loss: | 2.6278 |
| Iteration: | 2438; | Percent complete: | 61.0%; | Average loss: | 2.6892 |
| Iteration: | 2439; | Percent complete: | 61.0%; | Average loss: | 2.3393 |
| Iteration: | 2440; | Percent complete: | 61.0%; | Average loss: | 2.5875 |
| Iteration: | 2441; | Percent complete: | 61.0%; | Average loss: | 2.7278 |
| Iteration: | 2442; | Percent complete: | 61.1%; | Average loss: | 2.4383 |
| Iteration: | 2443; | Percent complete: | 61.1%; | Average loss: | 2.5547 |
| Iteration: | 2444; | Percent complete: | 61.1%; | Average loss: | 2.6034 |
| Iteration: | 2445; | Percent complete: | 61.1%; | Average loss: | 2.6883 |
| Iteration: | 2446; | Percent complete: | 61.2%; | Average loss: | 2.6120 |
| Iteration: | 2447; | Percent complete: | 61.2%; | Average loss: | 2.5894 |
| Iteration: | 2448; | Percent complete: | 61.2%; | Average loss: | 2.6189 |
| Iteration: | 2449; | Percent complete: | 61.2%; | Average loss: | 2.5589 |
| Iteration: | 2450; | Percent complete: | 61.3%; | Average loss: | 2.5771 |
| Iteration: | 2451; | Percent complete: | 61.3%; | Average loss: | 2.5072 |
| Iteration: | 2452; | Percent complete: | 61.3%; | Average loss: | 2.7736 |
| Iteration: | 2453; | Percent complete: | 61.3%; | Average loss: | 2.4793 |
| Iteration: | 2454; | Percent complete: | 61.4%; | Average loss: | 2.7317 |
| Iteration: | 2455; | Percent complete: | 61.4%; | Average loss: | 2.7014 |
| Iteration: | 2456; | Percent complete: | 61.4%; | Average loss: | 2.5777 |
| Iteration: | 2457; | Percent complete: | 61.4%; | Average loss: | 2.6788 |
| Iteration: | 2458; | Percent complete: | 61.5%; | Average loss: | 2.6248 |
| Iteration: | 2459; | Percent complete: | 61.5%; | Average loss: | 2.5349 |
| Iteration: | 2460; | Percent complete: | 61.5%; | Average loss: | 2.7988 |
| Iteration: | 2461; | Percent complete: | 61.5%; | Average loss: | 2.6065 |
| Iteration: | 2462; | Percent complete: | 61.6%; | Average loss: | 2.6209 |
| Iteration: | 2463; | Percent complete: | 61.6%; | Average loss: | 2.5758 |
| Iteration: | 2464; | Percent complete: | 61.6%; | Average loss: | 2.8182 |
| Iteration: | 2465; | Percent complete: | 61.6%; | Average loss: | 2.5377 |
| Iteration: | 2466; | Percent complete: | 61.7%; | Average loss: | 2.4737 |
| Iteration: | 2467; | Percent complete: | 61.7%; | Average loss: | 2.3651 |
| Iteration: | 2468; | Percent complete: | 61.7%; | Average loss: | 2.8475 |
| Iteration: | 2469; | Percent complete: | 61.7%; | Average loss: | 2.2316 |
| Iteration: | 2470; | Percent complete: | 61.8%; | Average loss: | 2.9304 |
| Iteration: | 2471; | Percent complete: | 61.8%; | Average loss: | 2.3023 |
| Iteration: | 2472; | Percent complete: | 61.8%; | Average loss: | 2.8474 |
| Iteration: | 2473; | Percent complete: | 61.8%; | Average loss: | 2      |



|            |       |                   |        |               |        |
|------------|-------|-------------------|--------|---------------|--------|
| Iteration: | 2581; | Percent complete: | 64.5%; | Average loss: | 2.7775 |
| Iteration: | 2582; | Percent complete: | 64.5%; | Average loss: | 2.6527 |
| Iteration: | 2583; | Percent complete: | 64.6%; | Average loss: | 2.8379 |
| Iteration: | 2584; | Percent complete: | 64.6%; | Average loss: | 2.6242 |
| Iteration: | 2585; | Percent complete: | 64.6%; | Average loss: | 2.5683 |
| Iteration: | 2586; | Percent complete: | 64.6%; | Average loss: | 2.6821 |
| Iteration: | 2587; | Percent complete: | 64.7%; | Average loss: | 2.8770 |
| Iteration: | 2588; | Percent complete: | 64.7%; | Average loss: | 2.6001 |
| Iteration: | 2589; | Percent complete: | 64.7%; | Average loss: | 2.6717 |
| Iteration: | 2590; | Percent complete: | 64.8%; | Average loss: | 2.7285 |
| Iteration: | 2591; | Percent complete: | 64.8%; | Average loss: | 2.5177 |
| Iteration: | 2592; | Percent complete: | 64.8%; | Average loss: | 2.5172 |
| Iteration: | 2593; | Percent complete: | 64.8%; | Average loss: | 2.4410 |
| Iteration: | 2594; | Percent complete: | 64.8%; | Average loss: | 2.6753 |
| Iteration: | 2595; | Percent complete: | 64.9%; | Average loss: | 2.4768 |
| Iteration: | 2596; | Percent complete: | 64.9%; | Average loss: | 2.6987 |
| Iteration: | 2597; | Percent complete: | 64.9%; | Average loss: | 2.6455 |
| Iteration: | 2598; | Percent complete: | 65.0%; | Average loss: | 2.6484 |
| Iteration: | 2599; | Percent complete: | 65.0%; | Average loss: | 2.3485 |
| Iteration: | 2600; | Percent complete: | 65.0%; | Average loss: | 2.5707 |
| Iteration: | 2601; | Percent complete: | 65.0%; | Average loss: | 2.7979 |
| Iteration: | 2602; | Percent complete: | 65.0%; | Average loss: | 2.6031 |
| Iteration: | 2603; | Percent complete: | 65.1%; | Average loss: | 2.7149 |
| Iteration: | 2604; | Percent complete: | 65.1%; | Average loss: | 2.7113 |
| Iteration: | 2605; | Percent complete: | 65.1%; | Average loss: | 2.3861 |
| Iteration: | 2606; | Percent complete: | 65.1%; | Average loss: | 2.5232 |
| Iteration: | 2607; | Percent complete: | 65.2%; | Average loss: | 2.7306 |
| Iteration: | 2608; | Percent complete: | 65.2%; | Average loss: | 2.8331 |
| Iteration: | 2609; | Percent complete: | 65.2%; | Average loss: | 2.8287 |
| Iteration: | 2610; | Percent complete: | 65.2%; | Average loss: | 2.4624 |
| Iteration: | 2611; | Percent complete: | 65.3%; | Average loss: | 2.4289 |
| Iteration: | 2612; | Percent complete: | 65.3%; | Average loss: | 2.5275 |
| Iteration: | 2613; | Percent complete: | 65.3%; | Average loss: | 2.6461 |
| Iteration: | 2614; | Percent complete: | 65.3%; | Average loss: | 2.4959 |
| Iteration: | 2615; | Percent complete: | 65.4%; | Average loss: | 2.7522 |
| Iteration: | 2616; | Percent complete: | 65.4%; | Average loss: | 2.8447 |
| Iteration: | 2617; | Percent complete: | 65.4%; | Average loss: | 2.5026 |
| Iteration: | 2618; | Percent complete: | 65.5%; | Average loss: | 2.7437 |
| Iteration: | 2619; | Percent complete: | 65.5%; | Average loss: | 2.6343 |
| Iteration: | 2620; | Percent complete: | 65.5%; | Average loss: | 2.5769 |
| Iteration: | 2621; | Percent complete: | 65.5%; | Average loss: | 2.4927 |
| Iteration: | 2622; | Percent complete: | 65.5%; | Average loss: | 2.5536 |
| Iteration: | 2623; | Percent complete: | 65.6%; | Average loss: | 2.4761 |
| Iteration: | 2624; | Percent complete: | 65.6%; | Average loss: | 2.7078 |
| Iteration: | 2625; | Percent complete: | 65.6%; | Average loss: | 2.4881 |
| Iteration: | 2626; | Percent complete: | 65.6%; | Average loss: | 2.6448 |
| Iteration: | 2627; | Percent complete: | 65.7%; | Average loss: | 2.6622 |
| Iteration: | 2628; | Percent complete: | 65.7%; | Average loss: | 2.6498 |
| Iteration: | 2629; | Percent complete: | 65.7%; | Average loss: | 2.6598 |
| Iteration: | 2630; | Percent complete: | 65.8%; | Average loss: | 2.4605 |
| Iteration: | 2631; | Percent complete: | 65.8%; | Average loss: | 2.5399 |
| Iteration: | 2632; | Percent complete: | 65.8%; | Average loss: | 2.4030 |
| Iteration: | 2633; | Percent complete: | 65.8%; | Average loss: | 2.7182 |
| Iteration: | 2634; | Percent complete: | 65.8%; | Average loss: | 2.5820 |
| Iteration: | 2635; | Percent complete: | 65.9%; | Average loss: | 2.4359 |
| Iteration: | 2636; | Percent complete: | 65.9%; | Average loss: | 2.7782 |
| Iteration: | 2637; | Percent complete: | 65.9%; | Average loss: | 2.8485 |
| Iteration: | 2638; | Percent complete: | 66.0%; | Average loss: | 2.5128 |
| Iteration: | 2639; | Percent complete: | 66.0%; | Average loss: | 2.6003 |
| Iteration: | 2640; | Percent complete: | 66.0%; | Average loss: | 2.5254 |
| Iteration: | 2641; | Percent complete: | 66.0%; | Average loss: | 2.4659 |
| Iteration: | 2642; | Percent complete: | 66.0%; | Average loss: | 2.7218 |
| Iteration: | 2643; | Percent complete: | 66.1%; | Average loss: | 2.7914 |
| Iteration: | 2644; | Percent complete: | 66.1%; | Average loss: | 2.7497 |
| Iteration: | 2645; | Percent complete: | 66.1%; | Average loss: | 2.5689 |
| Iteration: | 2646; | Percent complete: | 66.1%; | Average loss: | 2.5113 |
| Iteration: | 2647; | Percent complete: | 66.2%; | Average loss: | 2.4941 |
| Iteration: | 2648; | Percent complete: | 66.2%; | Average loss: | 2.3305 |
| Iteration: | 2649; | Percent complete: | 66.2%; | Average loss: | 2.5746 |
| Iteration: | 2650; | Percent complete: | 66.2%; | Average loss: | 2.6904 |
| Iteration: | 2651; | Percent complete: | 66.3%; | Average loss: | 2.6578 |
| Iteration: | 2652; | Percent complete: | 66.3%; | Average loss: | 2.6124 |
| Iteration: | 2653; | Percent complete: | 66.3%; | Average loss: | 2.6725 |
| Iteration: | 2654; | Percent complete: | 66.3%; | Average loss: | 2.9300 |
| Iteration: | 2655; | Percent complete: | 66.4%; | Average loss: | 2.6262 |
| Iteration: | 2656; | Percent complete: | 66.4%; | Average loss: | 2      |



|            |       |         |           |        |         |       |        |
|------------|-------|---------|-----------|--------|---------|-------|--------|
| Iteration: | 2703; | Percent | complete: | 69.1%; | Average | loss: | 2.3728 |
| Iteration: | 2764; | Percent | complete: | 69.1%; | Average | loss: | 2.3589 |
| Iteration: | 2765; | Percent | complete: | 69.1%; | Average | loss: | 2.5965 |
| Iteration: | 2766; | Percent | complete: | 69.2%; | Average | loss: | 2.6927 |
| Iteration: | 2767; | Percent | complete: | 69.2%; | Average | loss: | 2.5107 |
| Iteration: | 2768; | Percent | complete: | 69.2%; | Average | loss: | 2.4833 |
| Iteration: | 2769; | Percent | complete: | 69.2%; | Average | loss: | 2.8636 |
| Iteration: | 2770; | Percent | complete: | 69.2%; | Average | loss: | 2.7190 |
| Iteration: | 2771; | Percent | complete: | 69.3%; | Average | loss: | 2.6011 |
| Iteration: | 2772; | Percent | complete: | 69.3%; | Average | loss: | 2.4383 |
| Iteration: | 2773; | Percent | complete: | 69.3%; | Average | loss: | 2.6413 |
| Iteration: | 2774; | Percent | complete: | 69.3%; | Average | loss: | 2.8310 |
| Iteration: | 2775; | Percent | complete: | 69.4%; | Average | loss: | 2.6158 |
| Iteration: | 2776; | Percent | complete: | 69.4%; | Average | loss: | 2.5909 |
| Iteration: | 2777; | Percent | complete: | 69.4%; | Average | loss: | 2.4433 |
| Iteration: | 2778; | Percent | complete: | 69.5%; | Average | loss: | 2.5956 |
| Iteration: | 2779; | Percent | complete: | 69.5%; | Average | loss: | 2.6611 |
| Iteration: | 2780; | Percent | complete: | 69.5%; | Average | loss: | 2.7656 |
| Iteration: | 2781; | Percent | complete: | 69.5%; | Average | loss: | 2.6664 |
| Iteration: | 2782; | Percent | complete: | 69.5%; | Average | loss: | 2.8543 |
| Iteration: | 2783; | Percent | complete: | 69.6%; | Average | loss: | 2.4756 |
| Iteration: | 2784; | Percent | complete: | 69.6%; | Average | loss: | 2.5897 |
| Iteration: | 2785; | Percent | complete: | 69.6%; | Average | loss: | 2.6429 |
| Iteration: | 2786; | Percent | complete: | 69.7%; | Average | loss: | 2.6617 |
| Iteration: | 2787; | Percent | complete: | 69.7%; | Average | loss: | 2.4956 |
| Iteration: | 2788; | Percent | complete: | 69.7%; | Average | loss: | 2.3959 |
| Iteration: | 2789; | Percent | complete: | 69.7%; | Average | loss: | 2.7557 |
| Iteration: | 2790; | Percent | complete: | 69.8%; | Average | loss: | 2.7407 |
| Iteration: | 2791; | Percent | complete: | 69.8%; | Average | loss: | 2.6566 |
| Iteration: | 2792; | Percent | complete: | 69.8%; | Average | loss: | 2.6482 |
| Iteration: | 2793; | Percent | complete: | 69.8%; | Average | loss: | 2.6483 |
| Iteration: | 2794; | Percent | complete: | 69.8%; | Average | loss: | 2.5146 |
| Iteration: | 2795; | Percent | complete: | 69.9%; | Average | loss: | 2.8226 |
| Iteration: | 2796; | Percent | complete: | 69.9%; | Average | loss: | 2.7417 |
| Iteration: | 2797; | Percent | complete: | 69.9%; | Average | loss: | 2.7267 |
| Iteration: | 2798; | Percent | complete: | 70.0%; | Average | loss: | 2.7953 |
| Iteration: | 2799; | Percent | complete: | 70.0%; | Average | loss: | 2.4703 |
| Iteration: | 2800; | Percent | complete: | 70.0%; | Average | loss: | 2.5614 |
| Iteration: | 2801; | Percent | complete: | 70.0%; | Average | loss: | 2.6504 |
| Iteration: | 2802; | Percent | complete: | 70.0%; | Average | loss: | 2.5336 |
| Iteration: | 2803; | Percent | complete: | 70.1%; | Average | loss: | 2.8052 |
| Iteration: | 2804; | Percent | complete: | 70.1%; | Average | loss: | 2.5494 |
| Iteration: | 2805; | Percent | complete: | 70.1%; | Average | loss: | 2.3419 |
| Iteration: | 2806; | Percent | complete: | 70.2%; | Average | loss: | 2.6208 |
| Iteration: | 2807; | Percent | complete: | 70.2%; | Average | loss: | 2.5908 |
| Iteration: | 2808; | Percent | complete: | 70.2%; | Average | loss: | 2.6785 |
| Iteration: | 2809; | Percent | complete: | 70.2%; | Average | loss: | 2.5864 |
| Iteration: | 2810; | Percent | complete: | 70.2%; | Average | loss: | 2.8827 |
| Iteration: | 2811; | Percent | complete: | 70.3%; | Average | loss: | 2.4306 |
| Iteration: | 2812; | Percent | complete: | 70.3%; | Average | loss: | 2.5652 |
| Iteration: | 2813; | Percent | complete: | 70.3%; | Average | loss: | 2.7117 |
| Iteration: | 2814; | Percent | complete: | 70.3%; | Average | loss: | 2.4553 |
| Iteration: | 2815; | Percent | complete: | 70.4%; | Average | loss: | 2.6684 |
| Iteration: | 2816; | Percent | complete: | 70.4%; | Average | loss: | 2.6858 |
| Iteration: | 2817; | Percent | complete: | 70.4%; | Average | loss: | 2.7256 |
| Iteration: | 2818; | Percent | complete: | 70.5%; | Average | loss: | 2.4397 |
| Iteration: | 2819; | Percent | complete: | 70.5%; | Average | loss: | 2.4624 |
| Iteration: | 2820; | Percent | complete: | 70.5%; | Average | loss: | 2.6286 |
| Iteration: | 2821; | Percent | complete: | 70.5%; | Average | loss: | 2.5363 |
| Iteration: | 2822; | Percent | complete: | 70.5%; | Average | loss: | 2.6196 |
| Iteration: | 2823; | Percent | complete: | 70.6%; | Average | loss: | 2.8754 |
| Iteration: | 2824; | Percent | complete: | 70.6%; | Average | loss: | 2.5729 |
| Iteration: | 2825; | Percent | complete: | 70.6%; | Average | loss: | 2.7500 |
| Iteration: | 2826; | Percent | complete: | 70.7%; | Average | loss: | 2.4654 |



|                  |                          |                      |
|------------------|--------------------------|----------------------|
| Iteration: 2940; | Percent complete: 73.7%; | Average loss: 2.6375 |
| Iteration: 2947; | Percent complete: 73.7%; | Average loss: 2.5150 |
| Iteration: 2948; | Percent complete: 73.7%; | Average loss: 2.6729 |
| Iteration: 2949; | Percent complete: 73.7%; | Average loss: 2.6130 |
| Iteration: 2950; | Percent complete: 73.8%; | Average loss: 2.5148 |
| Iteration: 2951; | Percent complete: 73.8%; | Average loss: 2.6348 |
| Iteration: 2952; | Percent complete: 73.8%; | Average loss: 2.6210 |
| Iteration: 2953; | Percent complete: 73.8%; | Average loss: 2.6966 |
| Iteration: 2954; | Percent complete: 73.9%; | Average loss: 2.6527 |
| Iteration: 2955; | Percent complete: 73.9%; | Average loss: 2.6890 |
| Iteration: 2956; | Percent complete: 73.9%; | Average loss: 2.6153 |
| Iteration: 2957; | Percent complete: 73.9%; | Average loss: 2.5090 |
| Iteration: 2958; | Percent complete: 74.0%; | Average loss: 2.4990 |
| Iteration: 2959; | Percent complete: 74.0%; | Average loss: 2.7922 |
| Iteration: 2960; | Percent complete: 74.0%; | Average loss: 2.8650 |
| Iteration: 2961; | Percent complete: 74.0%; | Average loss: 2.7058 |
| Iteration: 2962; | Percent complete: 74.1%; | Average loss: 2.6930 |
| Iteration: 2963; | Percent complete: 74.1%; | Average loss: 2.6952 |
| Iteration: 2964; | Percent complete: 74.1%; | Average loss: 2.5233 |
| Iteration: 2965; | Percent complete: 74.1%; | Average loss: 2.6830 |
| Iteration: 2966; | Percent complete: 74.2%; | Average loss: 2.3900 |
| Iteration: 2967; | Percent complete: 74.2%; | Average loss: 2.8413 |
| Iteration: 2968; | Percent complete: 74.2%; | Average loss: 2.4607 |
| Iteration: 2969; | Percent complete: 74.2%; | Average loss: 2.6357 |
| Iteration: 2970; | Percent complete: 74.2%; | Average loss: 2.8007 |
| Iteration: 2971; | Percent complete: 74.3%; | Average loss: 2.7200 |
| Iteration: 2972; | Percent complete: 74.3%; | Average loss: 2.4394 |
| Iteration: 2973; | Percent complete: 74.3%; | Average loss: 2.7832 |
| Iteration: 2974; | Percent complete: 74.4%; | Average loss: 2.6867 |
| Iteration: 2975; | Percent complete: 74.4%; | Average loss: 2.5310 |
| Iteration: 2976; | Percent complete: 74.4%; | Average loss: 2.7507 |
| Iteration: 2977; | Percent complete: 74.4%; | Average loss: 2.6232 |
| Iteration: 2978; | Percent complete: 74.5%; | Average loss: 2.5593 |
| Iteration: 2979; | Percent complete: 74.5%; | Average loss: 2.5347 |
| Iteration: 2980; | Percent complete: 74.5%; | Average loss: 2.6635 |
| Iteration: 2981; | Percent complete: 74.5%; | Average loss: 2.3773 |
| Iteration: 2982; | Percent complete: 74.6%; | Average loss: 2.4844 |
| Iteration: 2983; | Percent complete: 74.6%; | Average loss: 2.6660 |
| Iteration: 2984; | Percent complete: 74.6%; | Average loss: 2.4633 |
| Iteration: 2985; | Percent complete: 74.6%; | Average loss: 2.5270 |
| Iteration: 2986; | Percent complete: 74.7%; | Average loss: 2.4904 |
| Iteration: 2987; | Percent complete: 74.7%; | Average loss: 2.8123 |
| Iteration: 2988; | Percent complete: 74.7%; | Average loss: 2.5065 |
| Iteration: 2989; | Percent complete: 74.7%; | Average loss: 2.3182 |
| Iteration: 2990; | Percent complete: 74.8%; | Average loss: 2.5763 |
| Iteration: 2991; | Percent complete: 74.8%; | Average loss: 2.8829 |
| Iteration: 2992; | Percent complete: 74.8%; | Average loss: 2.6290 |
| Iteration: 2993; | Percent complete: 74.8%; | Average loss: 2.8600 |
| Iteration: 2994; | Percent complete: 74.9%; | Average loss: 2.4724 |
| Iteration: 2995; | Percent complete: 74.9%; | Average loss: 2.6066 |
| Iteration: 2996; | Percent complete: 74.9%; | Average loss: 2.3515 |
| Iteration: 2997; | Percent complete: 74.9%; | Average loss: 2.7948 |
| Iteration: 2998; | Percent complete: 75.0%; | Average loss: 2.4900 |
| Iteration: 2999; | Percent complete: 75.0%; | Average loss: 2.6797 |
| Iteration: 3000; | Percent complete: 75.0%; | Average loss: 2.7772 |
| Iteration: 3001; | Percent complete: 75.0%; | Average loss: 2.5034 |
| Iteration: 3002; | Percent complete: 75.0%; | Average loss: 2.5894 |
| Iteration: 3003; | Percent complete: 75.1%; | Average loss: 2.6392 |
| Iteration: 3004; | Percent complete: 75.1%; | Average loss: 2.4550 |
| Iteration: 3005; | Percent complete: 75.1%; | Average loss: 2.5127 |
| Iteration: 3006; | Percent complete: 75.1%; | Average loss: 2.6223 |
| Iteration: 3007; | Percent complete: 75.2%; | Average loss: 2.5824 |
| Iteration: 3008; | Percent complete: 75.2%; | Average loss: 2.5750 |
| Iteration: 3009; | Percent complete: 75.2%; | Average loss: 2.4005 |
| Iteration: 3010; | Percent complete: 75.2%; | Average loss: 2.5278 |
| Iteration: 3011; | Percent complete: 75.3%; | Average loss: 2.6592 |
| Iteration: 3012; | Percent complete: 75.3%; | Average loss: 2.4655 |
| Iteration: 3013; | Percent complete: 75.3%; | Average loss: 2.6850 |
| Iteration: 3014; | Percent complete: 75.3%; | Average loss: 2.3714 |
| Iteration: 3015; | Percent complete: 75.4%; | Average loss: 2.6325 |
| Iteration: 3016; | Percent complete: 75.4%; | Average loss: 2.7227 |
| Iteration: 3017; | Percent complete: 75.4%; | Average loss: 2.5533 |
| Iteration: 3018; | Percent complete: 75.4%; | Average loss: 2.4500 |
| Iteration: 3019; | Percent complete: 75.5%; | Average loss: 2.5369 |
| Iteration: 3020; | Percent complete: 75.5%; | Average loss: 2.5714 |
| Iteration: 3021; | Percent complete: 75.5%; | Average loss: 2.5110 |
| Iteration: 3022; | Percent complete: 75.5%; | Average loss: 2.9964 |
| Iteration: 3023; | Percent complete: 75.6%; | Average loss: 2.3682 |
| Iteration: 3024; | Percent complete: 75.6%; | Average loss: 3.0078 |
| Iteration: 3025; | Percent complete: 75.6%; | Average loss: 2.5710 |
| Iteration: 3026; | Percent complete: 75.6%; | Average loss: 2.5048 |
| Iteration: 3027; | Percent complete: 75.7%; | Average loss: 2.5277 |
| Iteration: 3028; | Percent complete: 75.7%; | Average loss: 2.7778 |
| Iteration: 3029; | Percent complete: 75.7%; | Average loss: 2.9568 |
| Iteration: 3030; | Percent complete: 75.8%; | Average loss: 2.7210 |
| Iteration: 3031; | Percent complete: 75.8%; | Average loss: 2.6067 |
| Iteration: 3032; | Percent complete: 75.8%; | Average loss: 2.7107 |
| Iteration: 3033; | Percent complete: 75.8%; | Average loss: 2.6213 |
| Iteration: 3034; | Percent complete: 75.8%; | Average loss: 2.7480 |
| Iteration: 3035; | Percent complete: 75.9%; | Average loss: 2.4229 |
| Iteration: 3036; | Percent complete: 75.9%; | Average loss: 2.4450 |







|            |       |         |           |        |         |       |        |
|------------|-------|---------|-----------|--------|---------|-------|--------|
| Iteration: | 3220; | Percent | complete: | 80.5%; | Average | loss: | 2.5923 |
| Iteration: | 3221; | Percent | complete: | 80.5%; | Average | loss: | 2.6409 |
| Iteration: | 3222; | Percent | complete: | 80.5%; | Average | loss: | 2.5252 |
| Iteration: | 3223; | Percent | complete: | 80.6%; | Average | loss: | 2.6787 |
| Iteration: | 3224; | Percent | complete: | 80.6%; | Average | loss: | 2.6536 |
| Iteration: | 3225; | Percent | complete: | 80.6%; | Average | loss: | 2.6103 |
| Iteration: | 3226; | Percent | complete: | 80.7%; | Average | loss: | 2.6339 |
| Iteration: | 3227; | Percent | complete: | 80.7%; | Average | loss: | 2.5100 |
| Iteration: | 3228; | Percent | complete: | 80.7%; | Average | loss: | 2.4974 |
| Iteration: | 3229; | Percent | complete: | 80.7%; | Average | loss: | 2.7773 |
| Iteration: | 3230; | Percent | complete: | 80.8%; | Average | loss: | 2.3630 |
| Iteration: | 3231; | Percent | complete: | 80.8%; | Average | loss: | 2.7865 |
| Iteration: | 3232; | Percent | complete: | 80.8%; | Average | loss: | 2.4925 |
| Iteration: | 3233; | Percent | complete: | 80.8%; | Average | loss: | 2.4870 |
| Iteration: | 3234; | Percent | complete: | 80.8%; | Average | loss: | 2.5459 |
| Iteration: | 3235; | Percent | complete: | 80.9%; | Average | loss: | 2.5347 |
| Iteration: | 3236; | Percent | complete: | 80.9%; | Average | loss: | 2.6633 |
| Iteration: | 3237; | Percent | complete: | 80.9%; | Average | loss: | 2.6916 |
| Iteration: | 3238; | Percent | complete: | 81.0%; | Average | loss: | 2.3527 |
| Iteration: | 3239; | Percent | complete: | 81.0%; | Average | loss: | 2.4633 |
| Iteration: | 3240; | Percent | complete: | 81.0%; | Average | loss: | 2.7473 |
| Iteration: | 3241; | Percent | complete: | 81.0%; | Average | loss: | 2.6472 |
| Iteration: | 3242; | Percent | complete: | 81.0%; | Average | loss: | 2.4790 |
| Iteration: | 3243; | Percent | complete: | 81.1%; | Average | loss: | 2.5750 |
| Iteration: | 3244; | Percent | complete: | 81.1%; | Average | loss: | 2.6128 |
| Iteration: | 3245; | Percent | complete: | 81.1%; | Average | loss: | 2.5108 |
| Iteration: | 3246; | Percent | complete: | 81.2%; | Average | loss: | 2.6590 |
| Iteration: | 3247; | Percent | complete: | 81.2%; | Average | loss: | 2.5524 |
| Iteration: | 3248; | Percent | complete: | 81.2%; | Average | loss: | 2.5219 |
| Iteration: | 3249; | Percent | complete: | 81.2%; | Average | loss: | 2.4560 |
| Iteration: | 3250; | Percent | complete: | 81.2%; | Average | loss: | 2.5990 |
| Iteration: | 3251; | Percent | complete: | 81.3%; | Average | loss: | 2.5666 |
| Iteration: | 3252; | Percent | complete: | 81.3%; | Average | loss: | 2.4923 |
| Iteration: | 3253; | Percent | complete: | 81.3%; | Average | loss: | 2.7136 |
| Iteration: | 3254; | Percent | complete: | 81.3%; | Average | loss: | 2.4607 |
| Iteration: | 3255; | Percent | complete: | 81.4%; | Average | loss: | 2.6560 |
| Iteration: | 3256; | Percent | complete: | 81.4%; | Average | loss: | 2.4975 |
| Iteration: | 3257; | Percent | complete: | 81.4%; | Average | loss: | 2.6572 |
| Iteration: | 3258; | Percent | complete: | 81.5%; | Average | loss: | 2.7087 |
| Iteration: | 3259; | Percent | complete: | 81.5%; | Average | loss: | 2.6653 |
| Iteration: | 3260; | Percent | complete: | 81.5%; | Average | loss: | 2.6729 |
| Iteration: | 3261; | Percent | complete: | 81.5%; | Average | loss: | 2.5948 |
| Iteration: | 3262; | Percent | complete: | 81.5%; | Average | loss: | 2.5009 |
| Iteration: | 3263; | Percent | complete: | 81.6%; | Average | loss: | 2.7182 |
| Iteration: | 3264; | Percent | complete: | 81.6%; | Average | loss: | 2.7534 |
| Iteration: | 3265; | Percent | complete: | 81.6%; | Average | loss: | 2.7412 |
| Iteration: | 3266; | Percent | complete: | 81.7%; | Average | loss: | 2.7132 |
| Iteration: | 3267; | Percent | complete: | 81.7%; | Average | loss: | 2.7746 |
| Iteration: | 3268; | Percent | complete: | 81.7%; | Average | loss: | 2.6704 |
| Iteration: | 3269; | Percent | complete: | 81.7%; | Average | loss: | 2.4893 |
| Iteration: | 3270; | Percent | complete: | 81.8%; | Average | loss: | 2.5663 |
| Iteration: | 3271; | Percent | complete: | 81.8%; | Average | loss: | 2.6103 |
| Iteration: | 3272; | Percent | complete: | 81.8%; | Average | loss: | 2.2532 |
| Iteration: | 3273; | Percent | complete: | 81.8%; | Average | loss: | 2.5353 |
| Iteration: | 3274; | Percent | complete: | 81.8%; | Average | loss: | 2.8642 |
| Iteration: | 3275; | Percent | complete: | 81.9%; | Average | loss: | 2.7612 |
| Iteration: | 3276; | Percent | complete: | 81.9%; | Average | loss: | 2.6164 |
| Iteration: | 3277; | Percent | complete: | 81.9%; | Average | loss: | 2.5017 |
| Iteration: | 3278; | Percent | complete: | 82.0%; | Average | loss: | 2.7412 |
| Iteration: | 3279; | Percent | complete: | 82.0%; | Average | loss: | 2.4880 |
| Iteration: | 3280; | Percent | complete: | 82.0%; | Average | loss: | 2.5837 |
| Iteration: | 3281; | Percent | complete: | 82.0%; | Average | loss: | 2.6267 |
| Iteration: | 3282; | Percent | complete: | 82.0%; | Average | loss: | 2.7724 |
| Iteration: | 3283; | Percent | complete: | 82.1%; | Average | loss: | 2.5180 |

|            |       |         |           |        |         |       |        |
|------------|-------|---------|-----------|--------|---------|-------|--------|
| Iteration: | 3311; | Percent | complete: | 82.8%; | Average | loss: | 2.4160 |
| Iteration: | 3312; | Percent | complete: | 82.8%; | Average | loss: | 2.7887 |
| Iteration: | 3313; | Percent | complete: | 82.8%; | Average | loss: | 2.6648 |
| Iteration: | 3314; | Percent | complete: | 82.8%; | Average | loss: | 2.5063 |
| Iteration: | 3315; | Percent | complete: | 82.9%; | Average | loss: | 2.7178 |
| Iteration: | 3316; | Percent | complete: | 82.9%; | Average | loss: | 2.7953 |
| Iteration: | 3317; | Percent | complete: | 82.9%; | Average | loss: | 2.7620 |
| Iteration: | 3318; | Percent | complete: | 83.0%; | Average | loss: | 2.4030 |
| Iteration: | 3319; | Percent | complete: | 83.0%; | Average | loss: | 2.5457 |
| Iteration: | 3320; | Percent | complete: | 83.0%; | Average | loss: | 2.6109 |
| Iteration: | 3321; | Percent | complete: | 83.0%; | Average | loss: | 2.7167 |
| Iteration: | 3322; | Percent | complete: | 83.0%; | Average | loss: | 2.7553 |
| Iteration: | 3323; | Percent | complete: | 83.1%; | Average | loss: | 2.7514 |
| Iteration: | 3324; | Percent | complete: | 83.1%; | Average | loss: | 2.4733 |
| Iteration: | 3325; | Percent | complete: | 83.1%; | Average | loss: | 2.6003 |
| Iteration: | 3326; | Percent | complete: | 83.2%; | Average | loss: | 2.7063 |
| Iteration: | 3327; | Percent | complete: | 83.2%; | Average | loss: | 2.5207 |
| Iteration: | 3328; | Percent | complete: | 83.2%; | Average | loss: | 2.5530 |
| Iteration: | 3329; | Percent | complete: | 83.2%; | Average | loss: | 2.5583 |
| Iteration: | 3330; | Percent | complete: | 83.2%; | Average | loss: | 2.6913 |
| Iteration: | 3331; | Percent | complete: | 83.3%; | Average | loss: | 2.2870 |
| Iteration: | 3332; | Percent | complete: | 83.3%; | Average | loss: | 2.6083 |
| Iteration: | 3333; | Percent | complete: | 83.3%; | Average | loss: | 2.5015 |
| Iteration: | 3334; | Percent | complete: | 83.4%; | Average | loss: | 2.5402 |
| Iteration: | 3335; | Percent | complete: | 83.4%; | Average | loss: | 2.5297 |
| Iteration: | 3336; | Percent | complete: | 83.4%; | Average | loss: | 2.6519 |
| Iteration: | 3337; | Percent | complete: | 83.4%; | Average | loss: | 2.4994 |
| Iteration: | 3338; | Percent | complete: | 83.5%; | Average | loss: | 2.7077 |
| Iteration: | 3339; | Percent | complete: | 83.5%; | Average | loss: | 2.4943 |
| Iteration: | 3340; | Percent | complete: | 83.5%; | Average | loss: | 2.5588 |
| Iteration: | 3341; | Percent | complete: | 83.5%; | Average | loss: | 2.5879 |
| Iteration: | 3342; | Percent | complete: | 83.5%; | Average | loss: | 2.5147 |
| Iteration: | 3343; | Percent | complete: | 83.6%; | Average | loss: | 2.5983 |
| Iteration: | 3344; | Percent | complete: | 83.6%; | Average | loss: | 2.5712 |
| Iteration: | 3345; | Percent | complete: | 83.6%; | Average | loss: | 2.4010 |
| Iteration: | 3346; | Percent | complete: | 83.7%; | Average | loss: | 2.6438 |
| Iteration: | 3347; | Percent | complete: | 83.7%; | Average | loss: | 2.4729 |
| Iteration: | 3348; | Percent | complete: | 83.7%; | Average | loss: | 2.7548 |
| Iteration: | 3349; | Percent | complete: | 83.7%; | Average | loss: | 2.4483 |
| Iteration: | 3350; | Percent | complete: | 83.8%; | Average | loss: | 2.5566 |
| Iteration: | 3351; | Percent | complete: | 83.8%; | Average | loss: | 2.5370 |
| Iteration: | 3352; | Percent | complete: | 83.8%; | Average | loss: | 2.6523 |
| Iteration: | 3353; | Percent | complete: | 83.8%; | Average | loss: | 2.4628 |
| Iteration: | 3354; | Percent | complete: | 83.9%; | Average | loss: | 2.2983 |
| Iteration: | 3355; | Percent | complete: | 83.9%; | Average | loss: | 2.7383 |
| Iteration: | 3356; | Percent | complete: | 83.9%; | Average | loss: | 2.6400 |
| Iteration: | 3357; | Percent | complete: | 83.9%; | Average | loss: | 2.7228 |
| Iteration: | 3358; | Percent | complete: | 84.0%; | Average | loss: | 2.6550 |
| Iteration: | 3359; | Percent | complete: | 84.0%; | Average | loss: | 2.5895 |
| Iteration: | 3360; | Percent | complete: | 84.0%; | Average | loss: | 2.6410 |
| Iteration: | 3361; | Percent | complete: | 84.0%; | Average | loss: | 2.3805 |
| Iteration: | 3362; | Percent | complete: | 84.0%; | Average | loss: | 2.6415 |
| Iteration: | 3363; | Percent | complete: | 84.1%; | Average | loss: | 2.7478 |
| Iteration: | 3364; | Percent | complete: | 84.1%; | Average | loss: | 2.4587 |
| Iteration: | 3365; | Percent | complete: | 84.1%; | Average | loss: | 2.6188 |
| Iteration: | 3366; | Percent | complete: | 84.2%; | Average | loss: | 2.5978 |
| Iteration: | 3367; | Percent | complete: | 84.2%; | Average | loss: | 2.6790 |
| Iteration: | 3368; | Percent | complete: | 84.2%; | Average | loss: | 2.5023 |
| Iteration: | 3369; | Percent | complete: | 84.2%; | Average | loss: | 2.4613 |
| Iteration: | 3370; | Percent | complete: | 84.2%; | Average | loss: | 2.5092 |
| Iteration: | 3371; | Percent | complete: | 84.3%; | Average | loss: | 2.6943 |
| Iteration: | 3372; | Percent | complete: | 84.3%; | Average | loss: | 2.7063 |
| Iteration: | 3373; | Percent | complete: | 84.3%; | Average | loss: | 2.6840 |
| Iteration: | 3374; | Percent | complete: | 84.4%; | Average | loss: | 2.4612 |

|            |       |                   |        |               |        |
|------------|-------|-------------------|--------|---------------|--------|
| Iteration: | 3402; | Percent complete: | 85.0%; | Average loss: | 2.6767 |
| Iteration: | 3403; | Percent complete: | 85.1%; | Average loss: | 2.6132 |
| Iteration: | 3404; | Percent complete: | 85.1%; | Average loss: | 2.7696 |
| Iteration: | 3405; | Percent complete: | 85.1%; | Average loss: | 2.6326 |
| Iteration: | 3406; | Percent complete: | 85.2%; | Average loss: | 2.6436 |
| Iteration: | 3407; | Percent complete: | 85.2%; | Average loss: | 2.7896 |
| Iteration: | 3408; | Percent complete: | 85.2%; | Average loss: | 2.2821 |
| Iteration: | 3409; | Percent complete: | 85.2%; | Average loss: | 2.4342 |
| Iteration: | 3410; | Percent complete: | 85.2%; | Average loss: | 2.3952 |
| Iteration: | 3411; | Percent complete: | 85.3%; | Average loss: | 2.5100 |
| Iteration: | 3412; | Percent complete: | 85.3%; | Average loss: | 2.4552 |
| Iteration: | 3413; | Percent complete: | 85.3%; | Average loss: | 2.4212 |
| Iteration: | 3414; | Percent complete: | 85.4%; | Average loss: | 2.7444 |
| Iteration: | 3415; | Percent complete: | 85.4%; | Average loss: | 2.6755 |
| Iteration: | 3416; | Percent complete: | 85.4%; | Average loss: | 2.4596 |
| Iteration: | 3417; | Percent complete: | 85.4%; | Average loss: | 2.6293 |
| Iteration: | 3418; | Percent complete: | 85.5%; | Average loss: | 2.5691 |
| Iteration: | 3419; | Percent complete: | 85.5%; | Average loss: | 2.5049 |
| Iteration: | 3420; | Percent complete: | 85.5%; | Average loss: | 2.6455 |
| Iteration: | 3421; | Percent complete: | 85.5%; | Average loss: | 2.6189 |
| Iteration: | 3422; | Percent complete: | 85.5%; | Average loss: | 2.6299 |
| Iteration: | 3423; | Percent complete: | 85.6%; | Average loss: | 2.6738 |
| Iteration: | 3424; | Percent complete: | 85.6%; | Average loss: | 2.7379 |
| Iteration: | 3425; | Percent complete: | 85.6%; | Average loss: | 2.5339 |
| Iteration: | 3426; | Percent complete: | 85.7%; | Average loss: | 2.6856 |
| Iteration: | 3427; | Percent complete: | 85.7%; | Average loss: | 2.3762 |
| Iteration: | 3428; | Percent complete: | 85.7%; | Average loss: | 2.4456 |
| Iteration: | 3429; | Percent complete: | 85.7%; | Average loss: | 2.7623 |
| Iteration: | 3430; | Percent complete: | 85.8%; | Average loss: | 2.6229 |
| Iteration: | 3431; | Percent complete: | 85.8%; | Average loss: | 2.5984 |
| Iteration: | 3432; | Percent complete: | 85.8%; | Average loss: | 2.9935 |
| Iteration: | 3433; | Percent complete: | 85.8%; | Average loss: | 2.5666 |
| Iteration: | 3434; | Percent complete: | 85.9%; | Average loss: | 2.5781 |
| Iteration: | 3435; | Percent complete: | 85.9%; | Average loss: | 2.5177 |
| Iteration: | 3436; | Percent complete: | 85.9%; | Average loss: | 2.4248 |
| Iteration: | 3437; | Percent complete: | 85.9%; | Average loss: | 2.4493 |
| Iteration: | 3438; | Percent complete: | 86.0%; | Average loss: | 2.3780 |
| Iteration: | 3439; | Percent complete: | 86.0%; | Average loss: | 2.6056 |
| Iteration: | 3440; | Percent complete: | 86.0%; | Average loss: | 2.5210 |
| Iteration: | 3441; | Percent complete: | 86.0%; | Average loss: | 2.6911 |
| Iteration: | 3442; | Percent complete: | 86.1%; | Average loss: | 2.4888 |
| Iteration: | 3443; | Percent complete: | 86.1%; | Average loss: | 2.6726 |
| Iteration: | 3444; | Percent complete: | 86.1%; | Average loss: | 2.4325 |
| Iteration: | 3445; | Percent complete: | 86.1%; | Average loss: | 2.7159 |
| Iteration: | 3446; | Percent complete: | 86.2%; | Average loss: | 2.6275 |
| Iteration: | 3447; | Percent complete: | 86.2%; | Average loss: | 2.5864 |
| Iteration: | 3448; | Percent complete: | 86.2%; | Average loss: | 2.5392 |
| Iteration: | 3449; | Percent complete: | 86.2%; | Average loss: | 2.6176 |
| Iteration: | 3450; | Percent complete: | 86.2%; | Average loss: | 2.5600 |
| Iteration: | 3451; | Percent complete: | 86.3%; | Average loss: | 2.4509 |
| Iteration: | 3452; | Percent complete: | 86.3%; | Average loss: | 2.4938 |
| Iteration: | 3453; | Percent complete: | 86.3%; | Average loss: | 2.4765 |
| Iteration: | 3454; | Percent complete: | 86.4%; | Average loss: | 2.5447 |
| Iteration: | 3455; | Percent complete: | 86.4%; | Average loss: | 2.5831 |
| Iteration: | 3456; | Percent complete: | 86.4%; | Average loss: | 2.4347 |
| Iteration: | 3457; | Percent complete: | 86.4%; | Average loss: | 2.6825 |
| Iteration: | 3458; | Percent complete: | 86.5%; | Average loss: | 2.6931 |
| Iteration: | 3459; | Percent complete: | 86.5%; | Average loss: | 2.7992 |
| Iteration: | 3460; | Percent complete: | 86.5%; | Average loss: | 2.4692 |
| Iteration: | 3461; | Percent complete: | 86.5%; | Average loss: | 2.6576 |
| Iteration: | 3462; | Percent complete: | 86.6%; | Average loss: | 2.4629 |
| Iteration: | 3463; | Percent complete: | 86.6%; | Average loss: | 2.7182 |
| Iteration: | 3464; | Percent complete: | 86.6%; | Average loss: | 2.5426 |
| Iteration: | 3465; | Percent complete: | 86.6%; | Average loss: | 2.4569 |
| Iteration: | 3466; | Percent complete: | 86.7%; | Average loss: | 2.7810 |
| Iteration: | 3467; | Percent complete: | 86.7%; | Average loss: | 2.8346 |
| Iteration: | 3468; | Percent complete: | 86.7%; | Average loss: | 2.6513 |
| Iteration: | 3469; | Percent complete: | 86.7%; | Average loss: | 2.5632 |
| Iteration: | 3470; | Percent complete: | 86.8%; | Average loss: | 2.4772 |
| Iteration: | 3471; | Percent complete: | 86.8%; | Average loss: | 2.5346 |
| Iteration: | 3472; | Percent complete: | 86.8%; | Average loss: | 2.4552 |
| Iteration: | 3473; | Percent complete: | 86.8%; | Average loss: | 2.6674 |
| Iteration: | 3474; | Percent complete: | 86.9%; | Average loss: | 2.6227 |
| Iteration: | 3475; | Percent complete: | 86.9%; | Average loss: | 2.8052 |
| Iteration: | 3476; | Percent complete: | 86.9%; | Average loss: | 2.4685 |
| Iteration: | 3477; | Percent complete: | 86.9%; | Average loss: | 2      |

Iteration: 3493; Percent complete: 87.3%; Average loss: 2.4934  
Iteration: 3494; Percent complete: 87.4%; Average loss: 2.7891  
Iteration: 3495; Percent complete: 87.4%; Average loss: 2.6228  
Iteration: 3496; Percent complete: 87.4%; Average loss: 2.5834  
Iteration: 3497; Percent complete: 87.4%; Average loss: 2.6215  
Iteration: 3498; Percent complete: 87.5%; Average loss: 2.4750  
Iteration: 3499; Percent complete: 87.5%; Average loss: 2.4189  
Iteration: 3500; Percent complete: 87.5%; Average loss: 2.5277  
Iteration: 3501; Percent complete: 87.5%; Average loss: 2.4764  
Iteration: 3502; Percent complete: 87.5%; Average loss: 2.7236  
Iteration: 3503; Percent complete: 87.6%; Average loss: 2.7016  
Iteration: 3504; Percent complete: 87.6%; Average loss: 2.6603  
Iteration: 3505; Percent complete: 87.6%; Average loss: 2.8596  
Iteration: 3506; Percent complete: 87.6%; Average loss: 2.5919  
Iteration: 3507; Percent complete: 87.7%; Average loss: 2.6672  
Iteration: 3508; Percent complete: 87.7%; Average loss: 2.6178  
Iteration: 3509; Percent complete: 87.7%; Average loss: 2.3141  
Iteration: 3510; Percent complete: 87.8%; Average loss: 2.7846  
Iteration: 3511; Percent complete: 87.8%; Average loss: 2.6464  
Iteration: 3512; Percent complete: 87.8%; Average loss: 2.4712  
Iteration: 3513; Percent complete: 87.8%; Average loss: 2.6099  
Iteration: 3514; Percent complete: 87.8%; Average loss: 2.6557  
Iteration: 3515; Percent complete: 87.9%; Average loss: 2.8148  
Iteration: 3516; Percent complete: 87.9%; Average loss: 2.7940  
Iteration: 3517; Percent complete: 87.9%; Average loss: 2.4726  
Iteration: 3518; Percent complete: 87.9%; Average loss: 2.5076  
Iteration: 3519; Percent complete: 88.0%; Average loss: 2.6217  
Iteration: 3520; Percent complete: 88.0%; Average loss: 2.8308  
Iteration: 3521; Percent complete: 88.0%; Average loss: 2.5177  
Iteration: 3522; Percent complete: 88.0%; Average loss: 2.8410  
Iteration: 3523; Percent complete: 88.1%; Average loss: 2.5353  
Iteration: 3524; Percent complete: 88.1%; Average loss: 2.5847  
Iteration: 3525; Percent complete: 88.1%; Average loss: 2.5062  
Iteration: 3526; Percent complete: 88.1%; Average loss: 2.6797  
Iteration: 3527; Percent complete: 88.2%; Average loss: 2.4996  
Iteration: 3528; Percent complete: 88.2%; Average loss: 2.8059  
Iteration: 3529; Percent complete: 88.2%; Average loss: 2.6900  
Iteration: 3530; Percent complete: 88.2%; Average loss: 2.6660  
Iteration: 3531; Percent complete: 88.3%; Average loss: 2.8143  
Iteration: 3532; Percent complete: 88.3%; Average loss: 2.6746  
Iteration: 3533; Percent complete: 88.3%; Average loss: 2.5986  
Iteration: 3534; Percent complete: 88.3%; Average loss: 2.8029  
Iteration: 3535; Percent complete: 88.4%; Average loss: 2.5204  
Iteration: 3536; Percent complete: 88.4%; Average loss: 2.4690  
Iteration: 3537; Percent complete: 88.4%; Average loss: 2.5767  
Iteration: 3538; Percent complete: 88.4%; Average loss: 2.6045  
Iteration: 3539; Percent complete: 88.5%; Average loss: 2.3234  
Iteration: 3540; Percent complete: 88.5%; Average loss: 2.6376  
Iteration: 3541; Percent complete: 88.5%; Average loss: 2.4321  
Iteration: 3542; Percent complete: 88.5%; Average loss: 2.9154  
Iteration: 3543; Percent complete: 88.6%; Average loss: 2.6610  
Iteration: 3544; Percent complete: 88.6%; Average loss: 2.5977  
Iteration: 3545; Percent complete: 88.6%; Average loss: 2.5817  
Iteration: 3546; Percent complete: 88.6%; Average loss: 2.8061  
Iteration: 3547; Percent complete: 88.7%; Average loss: 2.7711  
Iteration: 3548; Percent complete: 88.7%; Average loss: 2.5234  
Iteration: 3549; Percent complete: 88.7%; Average loss: 2.4850  
Iteration: 3550; Percent complete: 88.8%; Average loss: 2.5056  
Iteration: 3551; Percent complete: 88.8%; Average loss: 2.6511  
Iteration: 3552; Percent complete: 88.8%; Average loss: 2.5789  
Iteration: 3553; Percent complete: 88.8%; Average loss: 2.5211  
Iteration: 3554; Percent complete: 88.8%; Average loss: 2.4753  
Iteration: 3555; Percent complete: 88.9%; Average loss: 2.3610  
Iteration: 3556; Percent complete: 88.9%; Average loss: 2.7640  
Iteration: 3557; Percent complete: 88.9%; Average loss: 2.5288  
Iteration: 3558; Percent complete: 88.9%; Average loss: 2.6019  
Iteration: 3559; Percent complete: 89.0%; Average loss: 2.6745  
Iteration: 3560; Percent complete: 89.0%; Average loss: 2.5464  
Iteration: 3561; Percent complete: 89.0%; Average loss: 2.6659  
Iteration: 3562; Percent complete: 89.0%; Average loss: 2.5925  
Iteration: 3563; Percent complete: 89.1%; Average loss: 2.2270  
Iteration: 3564; Percent complete: 89.1%; Average loss: 2.6234  
Iteration: 3565; Percent complete: 89.1%; Average loss: 2.9540  
Iteration: 3566; Percent complete: 89.1%; Average loss: 2.7024  
Iteration: 3567; Percent complete: 89.2%; Average loss: 2.8988  
Iteration: 3568; Percent complete: 89.2%; Average loss: 2.5182  
Iteration: 3569; Percent complete: 89.2%; Average loss: 2.4572  
Iteration: 3570; Percent complete: 89.2%; Average loss: 2.6686  
Iteration: 3571; Percent complete: 89.3%; Average loss: 2.7433  
Iteration: 3572; Percent complete: 89.3%; Average loss: 2.3482  
Iteration: 3573; Percent complete: 89.3%; Average loss: 2.4387  
Iteration: 3574; Percent complete: 89.3%; Average loss: 2.6656  
Iteration: 3575; Percent complete: 89.4%; Average loss: 2.4618  
Iteration: 3576; Percent complete: 89.4%; Average loss: 2.6612  
Iteration: 3577; Percent complete: 89.4%; Average loss: 2.4675  
Iteration: 3578; Percent complete: 89.5%; Average loss: 2.4357  
Iteration: 3579; Percent complete: 89.5%; Average loss: 2.7720  
Iteration: 3580; Percent complete: 89.5%; Average loss: 2.5693  
Iteration: 3581; Percent complete: 89.5%; Average loss: 2.4286  
Iteration: 3582; Percent complete: 89.5%; Average loss: 2.8122  
Iteration: 3583; Percent complete: 89.6%; Average loss: 2.6091  
Iteration: 3584; Percent complete: 89.6%; Average loss: 2.6008

|            |       |         |           |        |         |       |        |
|------------|-------|---------|-----------|--------|---------|-------|--------|
| Iteration: | 3585; | Percent | complete: | 89.6%; | Average | loss: | 2.7328 |
| Iteration: | 3586; | Percent | complete: | 89.6%; | Average | loss: | 2.7409 |
| Iteration: | 3587; | Percent | complete: | 89.7%; | Average | loss: | 2.5265 |
| Iteration: | 3588; | Percent | complete: | 89.7%; | Average | loss: | 2.4305 |
| Iteration: | 3589; | Percent | complete: | 89.7%; | Average | loss: | 2.5955 |
| Iteration: | 3590; | Percent | complete: | 89.8%; | Average | loss: | 2.4420 |
| Iteration: | 3591; | Percent | complete: | 89.8%; | Average | loss: | 2.5306 |
| Iteration: | 3592; | Percent | complete: | 89.8%; | Average | loss: | 2.7623 |
| Iteration: | 3593; | Percent | complete: | 89.8%; | Average | loss: | 2.5966 |
| Iteration: | 3594; | Percent | complete: | 89.8%; | Average | loss: | 2.8283 |
| Iteration: | 3595; | Percent | complete: | 89.9%; | Average | loss: | 2.6672 |
| Iteration: | 3596; | Percent | complete: | 89.9%; | Average | loss: | 2.5043 |
| Iteration: | 3597; | Percent | complete: | 89.9%; | Average | loss: | 2.6119 |
| Iteration: | 3598; | Percent | complete: | 90.0%; | Average | loss: | 2.4883 |
| Iteration: | 3599; | Percent | complete: | 90.0%; | Average | loss: | 2.5340 |
| Iteration: | 3600; | Percent | complete: | 90.0%; | Average | loss: | 2.5835 |
| Iteration: | 3601; | Percent | complete: | 90.0%; | Average | loss: | 2.5635 |
| Iteration: | 3602; | Percent | complete: | 90.0%; | Average | loss: | 2.5928 |
| Iteration: | 3603; | Percent | complete: | 90.1%; | Average | loss: | 2.7505 |
| Iteration: | 3604; | Percent | complete: | 90.1%; | Average | loss: | 2.5578 |
| Iteration: | 3605; | Percent | complete: | 90.1%; | Average | loss: | 2.7264 |
| Iteration: | 3606; | Percent | complete: | 90.1%; | Average | loss: | 2.5663 |
| Iteration: | 3607; | Percent | complete: | 90.2%; | Average | loss: | 2.5777 |
| Iteration: | 3608; | Percent | complete: | 90.2%; | Average | loss: | 2.8484 |
| Iteration: | 3609; | Percent | complete: | 90.2%; | Average | loss: | 2.4823 |
| Iteration: | 3610; | Percent | complete: | 90.2%; | Average | loss: | 2.5204 |
| Iteration: | 3611; | Percent | complete: | 90.3%; | Average | loss: | 2.4913 |
| Iteration: | 3612; | Percent | complete: | 90.3%; | Average | loss: | 2.7063 |
| Iteration: | 3613; | Percent | complete: | 90.3%; | Average | loss: | 2.4346 |
| Iteration: | 3614; | Percent | complete: | 90.3%; | Average | loss: | 2.4682 |
| Iteration: | 3615; | Percent | complete: | 90.4%; | Average | loss: | 2.7353 |
| Iteration: | 3616; | Percent | complete: | 90.4%; | Average | loss: | 2.3538 |
| Iteration: | 3617; | Percent | complete: | 90.4%; | Average | loss: | 2.6223 |
| Iteration: | 3618; | Percent | complete: | 90.5%; | Average | loss: | 2.7317 |
| Iteration: | 3619; | Percent | complete: | 90.5%; | Average | loss: | 2.6744 |
| Iteration: | 3620; | Percent | complete: | 90.5%; | Average | loss: | 2.5802 |
| Iteration: | 3621; | Percent | complete: | 90.5%; | Average | loss: | 2.5473 |
| Iteration: | 3622; | Percent | complete: | 90.5%; | Average | loss: | 2.5854 |
| Iteration: | 3623; | Percent | complete: | 90.6%; | Average | loss: | 2.3573 |
| Iteration: | 3624; | Percent | complete: | 90.6%; | Average | loss: | 2.7197 |
| Iteration: | 3625; | Percent | complete: | 90.6%; | Average | loss: | 2.5036 |
| Iteration: | 3626; | Percent | complete: | 90.6%; | Average | loss: | 2.5715 |
| Iteration: | 3627; | Percent | complete: | 90.7%; | Average | loss: | 2.6436 |
| Iteration: | 3628; | Percent | complete: | 90.7%; | Average | loss: | 2.6423 |
| Iteration: | 3629; | Percent | complete: | 90.7%; | Average | loss: | 2.6712 |
| Iteration: | 3630; | Percent | complete: | 90.8%; | Average | loss: | 2.6375 |
| Iteration: | 3631; | Percent | complete: | 90.8%; | Average | loss: | 2.8312 |
| Iteration: | 3632; | Percent | complete: | 90.8%; | Average | loss: | 2.5254 |
| Iteration: | 3633; | Percent | complete: | 90.8%; | Average | loss: | 2.4978 |
| Iteration: | 3634; | Percent | complete: | 90.8%; | Average | loss: | 2.6244 |
| Iteration: | 3635; | Percent | complete: | 90.9%; | Average | loss: | 2.6742 |
| Iteration: | 3636; | Percent | complete: | 90.9%; | Average | loss: | 2.6905 |
| Iteration: | 3637; | Percent | complete: | 90.9%; | Average | loss: | 2.7023 |
| Iteration: | 3638; | Percent | complete: | 91.0%; | Average | loss: | 2.5768 |
| Iteration: | 3639; | Percent | complete: | 91.0%; | Average | loss: | 2.6468 |
| Iteration: | 3640; | Percent | complete: | 91.0%; | Average | loss: | 2.6186 |
| Iteration: | 3641; | Percent | complete: | 91.0%; | Average | loss: | 2.5467 |
| Iteration: | 3642; | Percent | complete: | 91.0%; | Average | loss: | 2.5506 |
| Iteration: | 3643; | Percent | complete: | 91.1%; | Average | loss: | 2.4225 |
| Iteration: | 3644; | Percent | complete: | 91.1%; | Average | loss: | 2.5643 |
| Iteration: | 3645; | Percent | complete: | 91.1%; | Average | loss: | 2.6146 |
| Iteration: | 3646; | Percent | complete: | 91.1%; | Average | loss: | 2.5054 |
| Iteration: | 3647; | Percent | complete: | 91.2%; | Average | loss: | 2.5185 |
| Iteration: | 3648; | Percent | complete: | 91.2%; | Average | loss: | 2.6164 |

|                  |                   |        |               |        |
|------------------|-------------------|--------|---------------|--------|
| Iteration: 3676; | Percent complete: | 91.9%; | Average loss: | 2.5690 |
| Iteration: 3677; | Percent complete: | 91.9%; | Average loss: | 2.6080 |
| Iteration: 3678; | Percent complete: | 92.0%; | Average loss: | 2.8697 |
| Iteration: 3679; | Percent complete: | 92.0%; | Average loss: | 2.6697 |
| Iteration: 3680; | Percent complete: | 92.0%; | Average loss: | 2.8137 |
| Iteration: 3681; | Percent complete: | 92.0%; | Average loss: | 2.7660 |
| Iteration: 3682; | Percent complete: | 92.0%; | Average loss: | 2.4607 |
| Iteration: 3683; | Percent complete: | 92.1%; | Average loss: | 2.5117 |
| Iteration: 3684; | Percent complete: | 92.1%; | Average loss: | 2.5518 |
| Iteration: 3685; | Percent complete: | 92.1%; | Average loss: | 2.5835 |
| Iteration: 3686; | Percent complete: | 92.2%; | Average loss: | 2.5893 |
| Iteration: 3687; | Percent complete: | 92.2%; | Average loss: | 2.4563 |
| Iteration: 3688; | Percent complete: | 92.2%; | Average loss: | 2.4567 |
| Iteration: 3689; | Percent complete: | 92.2%; | Average loss: | 2.7920 |
| Iteration: 3690; | Percent complete: | 92.2%; | Average loss: | 2.3077 |
| Iteration: 3691; | Percent complete: | 92.3%; | Average loss: | 2.4427 |
| Iteration: 3692; | Percent complete: | 92.3%; | Average loss: | 2.5248 |
| Iteration: 3693; | Percent complete: | 92.3%; | Average loss: | 2.2997 |
| Iteration: 3694; | Percent complete: | 92.3%; | Average loss: | 2.6263 |
| Iteration: 3695; | Percent complete: | 92.4%; | Average loss: | 2.6497 |
| Iteration: 3696; | Percent complete: | 92.4%; | Average loss: | 2.5770 |
| Iteration: 3697; | Percent complete: | 92.4%; | Average loss: | 2.6530 |
| Iteration: 3698; | Percent complete: | 92.5%; | Average loss: | 2.7185 |
| Iteration: 3699; | Percent complete: | 92.5%; | Average loss: | 2.5015 |
| Iteration: 3700; | Percent complete: | 92.5%; | Average loss: | 2.6278 |
| Iteration: 3701; | Percent complete: | 92.5%; | Average loss: | 2.4802 |
| Iteration: 3702; | Percent complete: | 92.5%; | Average loss: | 2.6300 |
| Iteration: 3703; | Percent complete: | 92.6%; | Average loss: | 2.4252 |
| Iteration: 3704; | Percent complete: | 92.6%; | Average loss: | 2.6417 |
| Iteration: 3705; | Percent complete: | 92.6%; | Average loss: | 2.3379 |
| Iteration: 3706; | Percent complete: | 92.7%; | Average loss: | 2.5260 |
| Iteration: 3707; | Percent complete: | 92.7%; | Average loss: | 2.8133 |
| Iteration: 3708; | Percent complete: | 92.7%; | Average loss: | 2.7287 |
| Iteration: 3709; | Percent complete: | 92.7%; | Average loss: | 2.7480 |
| Iteration: 3710; | Percent complete: | 92.8%; | Average loss: | 2.4759 |
| Iteration: 3711; | Percent complete: | 92.8%; | Average loss: | 2.3666 |
| Iteration: 3712; | Percent complete: | 92.8%; | Average loss: | 2.7166 |
| Iteration: 3713; | Percent complete: | 92.8%; | Average loss: | 2.5313 |
| Iteration: 3714; | Percent complete: | 92.8%; | Average loss: | 2.4908 |
| Iteration: 3715; | Percent complete: | 92.9%; | Average loss: | 2.5987 |
| Iteration: 3716; | Percent complete: | 92.9%; | Average loss: | 2.3633 |
| Iteration: 3717; | Percent complete: | 92.9%; | Average loss: | 2.6380 |
| Iteration: 3718; | Percent complete: | 93.0%; | Average loss: | 2.5787 |
| Iteration: 3719; | Percent complete: | 93.0%; | Average loss: | 2.6697 |
| Iteration: 3720; | Percent complete: | 93.0%; | Average loss: | 2.4838 |
| Iteration: 3721; | Percent complete: | 93.0%; | Average loss: | 2.5857 |
| Iteration: 3722; | Percent complete: | 93.0%; | Average loss: | 2.6889 |
| Iteration: 3723; | Percent complete: | 93.1%; | Average loss: | 2.6157 |
| Iteration: 3724; | Percent complete: | 93.1%; | Average loss: | 2.6810 |
| Iteration: 3725; | Percent complete: | 93.1%; | Average loss: | 2.5778 |
| Iteration: 3726; | Percent complete: | 93.2%; | Average loss: | 2.6770 |
| Iteration: 3727; | Percent complete: | 93.2%; | Average loss: | 2.7064 |
| Iteration: 3728; | Percent complete: | 93.2%; | Average loss: | 2.6223 |
| Iteration: 3729; | Percent complete: | 93.2%; | Average loss: | 2.5564 |
| Iteration: 3730; | Percent complete: | 93.2%; | Average loss: | 2.6040 |
| Iteration: 3731; | Percent complete: | 93.3%; | Average loss: | 2.6640 |
| Iteration: 3732; | Percent complete: | 93.3%; | Average loss: | 2.5772 |
| Iteration: 3733; | Percent complete: | 93.3%; | Average loss: | 2.5654 |
| Iteration: 3734; | Percent complete: | 93.3%; | Average loss: | 2.3908 |
| Iteration: 3735; | Percent complete: | 93.4%; | Average loss: | 2.5949 |
| Iteration: 3736; | Percent complete: | 93.4%; | Average loss: | 2.4254 |
| Iteration: 3737; | Percent complete: | 93.4%; | Average loss: | 2.5250 |
| Iteration: 3738; | Percent complete: | 93.5%; | Average loss: | 2.6453 |
| Iteration: 3739; | Percent complete: | 93.5%; | Average loss: | 2.7333 |
| Iteration: 3740; | Percent complete: | 93.5%; | Average loss: | 2.3997 |
| Iteration: 3741; | Percent complete: | 93.5%; | Average loss: | 2.7939 |
| Iteration: 3742; | Percent complete: | 93.5%; | Average loss: | 2.7005 |
| Iteration: 3743; | Percent complete: | 93.6%; | Average loss: | 2.6460 |
| Iteration: 3744; | Percent complete: | 93.6%; | Average loss: | 2.3853 |
| Iteration: 3745; | Percent complete: | 93.6%; | Average loss: | 2.6730 |
| Iteration: 3746; | Percent complete: | 93.7%; | Average loss: | 2.7054 |
| Iteration: 3747; | Percent complete: | 93.7%; | Average loss: | 2.4577 |
| Iteration: 3748; | Percent complete: | 93.7%; | Average loss: | 2.5630 |
| Iteration: 3749; | Percent complete: | 93.7%; | Average loss: | 2.6667 |
| Iteration: 3750; | Percent complete: | 93.8%; | Average loss: | 2.7825 |
| Iteration: 3751; | Percent complete: | 93.8%; | Average loss: | 2.6677 |
| Iteration: 3752; | Percent complete: | 93.8%; | Average loss: | 2.5494 |
| Iteration: 3753; | Percent complete: | 93.8%; | Average loss: | 2.3495 |
| Iteration: 3754; | Percent complete: | 93.8%; | Average loss: | 2.5624 |
| Iteration: 3755; | Percent complete: | 93.9%; | Average loss: | 2.5847 |
| Iteration: 3756; |                   |        |               |        |



|            |       |                   |        |               |        |
|------------|-------|-------------------|--------|---------------|--------|
| Iteration: | 3767; | Percent complete: | 94.2%; | Average loss: | 2.3969 |
| Iteration: | 3768; | Percent complete: | 94.2%; | Average loss: | 2.3649 |
| Iteration: | 3769; | Percent complete: | 94.2%; | Average loss: | 2.6185 |
| Iteration: | 3770; | Percent complete: | 94.2%; | Average loss: | 2.5690 |
| Iteration: | 3771; | Percent complete: | 94.3%; | Average loss: | 2.5620 |
| Iteration: | 3772; | Percent complete: | 94.3%; | Average loss: | 2.7005 |
| Iteration: | 3773; | Percent complete: | 94.3%; | Average loss: | 2.6743 |
| Iteration: | 3774; | Percent complete: | 94.3%; | Average loss: | 2.6172 |
| Iteration: | 3775; | Percent complete: | 94.4%; | Average loss: | 2.5745 |
| Iteration: | 3776; | Percent complete: | 94.4%; | Average loss: | 2.5305 |
| Iteration: | 3777; | Percent complete: | 94.4%; | Average loss: | 2.6102 |
| Iteration: | 3778; | Percent complete: | 94.5%; | Average loss: | 2.8437 |
| Iteration: | 3779; | Percent complete: | 94.5%; | Average loss: | 2.6228 |
| Iteration: | 3780; | Percent complete: | 94.5%; | Average loss: | 2.6019 |
| Iteration: | 3781; | Percent complete: | 94.5%; | Average loss: | 2.5017 |
| Iteration: | 3782; | Percent complete: | 94.5%; | Average loss: | 2.5158 |
| Iteration: | 3783; | Percent complete: | 94.6%; | Average loss: | 2.9415 |
| Iteration: | 3784; | Percent complete: | 94.6%; | Average loss: | 2.4731 |
| Iteration: | 3785; | Percent complete: | 94.6%; | Average loss: | 2.5722 |
| Iteration: | 3786; | Percent complete: | 94.7%; | Average loss: | 2.6772 |
| Iteration: | 3787; | Percent complete: | 94.7%; | Average loss: | 2.5504 |
| Iteration: | 3788; | Percent complete: | 94.7%; | Average loss: | 2.6540 |
| Iteration: | 3789; | Percent complete: | 94.7%; | Average loss: | 2.3168 |
| Iteration: | 3790; | Percent complete: | 94.8%; | Average loss: | 2.4615 |
| Iteration: | 3791; | Percent complete: | 94.8%; | Average loss: | 2.6225 |
| Iteration: | 3792; | Percent complete: | 94.8%; | Average loss: | 2.4904 |
| Iteration: | 3793; | Percent complete: | 94.8%; | Average loss: | 2.4439 |
| Iteration: | 3794; | Percent complete: | 94.8%; | Average loss: | 2.7957 |
| Iteration: | 3795; | Percent complete: | 94.9%; | Average loss: | 2.6639 |
| Iteration: | 3796; | Percent complete: | 94.9%; | Average loss: | 2.4498 |
| Iteration: | 3797; | Percent complete: | 94.9%; | Average loss: | 2.7815 |
| Iteration: | 3798; | Percent complete: | 95.0%; | Average loss: | 2.7782 |
| Iteration: | 3799; | Percent complete: | 95.0%; | Average loss: | 2.4825 |
| Iteration: | 3800; | Percent complete: | 95.0%; | Average loss: | 2.7919 |
| Iteration: | 3801; | Percent complete: | 95.0%; | Average loss: | 2.6665 |
| Iteration: | 3802; | Percent complete: | 95.0%; | Average loss: | 2.7740 |
| Iteration: | 3803; | Percent complete: | 95.1%; | Average loss: | 2.6657 |
| Iteration: | 3804; | Percent complete: | 95.1%; | Average loss: | 2.4248 |
| Iteration: | 3805; | Percent complete: | 95.1%; | Average loss: | 2.6511 |
| Iteration: | 3806; | Percent complete: | 95.2%; | Average loss: | 2.5757 |
| Iteration: | 3807; | Percent complete: | 95.2%; | Average loss: | 2.6665 |
| Iteration: | 3808; | Percent complete: | 95.2%; | Average loss: | 2.6552 |
| Iteration: | 3809; | Percent complete: | 95.2%; | Average loss: | 2.5529 |
| Iteration: | 3810; | Percent complete: | 95.2%; | Average loss: | 2.5038 |
| Iteration: | 3811; | Percent complete: | 95.3%; | Average loss: | 2.4604 |
| Iteration: | 3812; | Percent complete: | 95.3%; | Average loss: | 2.7207 |
| Iteration: | 3813; | Percent complete: | 95.3%; | Average loss: | 2.5661 |
| Iteration: | 3814; | Percent complete: | 95.3%; | Average loss: | 2.4259 |
| Iteration: | 3815; | Percent complete: | 95.4%; | Average loss: | 2.7404 |
| Iteration: | 3816; | Percent complete: | 95.4%; | Average loss: | 2.6236 |
| Iteration: | 3817; | Percent complete: | 95.4%; | Average loss: | 2.5579 |
| Iteration: | 3818; | Percent complete: | 95.5%; | Average loss: | 2.6241 |
| Iteration: | 3819; | Percent complete: | 95.5%; | Average loss: | 2.4209 |
| Iteration: | 3820; | Percent complete: | 95.5%; | Average loss: | 2.5010 |
| Iteration: | 3821; | Percent complete: | 95.5%; | Average loss: | 2.8580 |
| Iteration: | 3822; | Percent complete: | 95.5%; | Average loss: | 2.4982 |
| Iteration: | 3823; | Percent complete: | 95.6%; | Average loss: | 2.3783 |
| Iteration: | 3824; | Percent complete: | 95.6%; | Average loss: | 2.4200 |
| Iteration: | 3825; | Percent complete: | 95.6%; | Average loss: | 2.6592 |
| Iteration: | 3826; | Percent complete: | 95.7%; | Average loss: | 2.5585 |
| Iteration: | 3827; | Percent complete: | 95.7%; | Average loss: | 2.6057 |
| Iteration: | 3828; | Percent complete: | 95.7%; | Average loss: | 2.4961 |
| Iteration: | 3829; | Percent complete: | 95.7%; | Average loss: | 2.7001 |
| Iteration: | 3830; | Percent complete: | 95.8%; | Average loss: | 2.3382 |
| Iteration: | 3831; | Percent complete: | 95.8%; | Average loss: | 2.5610 |
| Iteration: | 3832; | Percent complete: | 95.8%; | Average loss: | 2.6874 |
| Iteration: | 3833; | Percent complete: | 95.8%; | Average loss: | 2.5656 |
| Iteration: | 3834; | Percent complete: | 95.9%; | Average loss: | 2.5821 |
| Iteration: | 3835; | Percent complete: | 95.9%; | Average loss: | 2.5157 |
| Iteration: | 3836; | Percent complete: | 95.9%; | Average loss: | 2.4516 |
| Iteration: | 3837; | Percent complete: | 95.9%; | Average loss: | 2.4969 |
| Iteration: | 3838; | Percent complete: | 96.0%; | Average loss: | 2.7374 |
| Iteration: | 3839; | Percent complete: | 96.0%; | Average loss: | 2.4468 |
| Iteration: | 3840; | Percent complete: | 96.0%; | Average loss: | 2.6540 |
| Iteration: | 3841; | Percent complete: | 96.0%; | Average loss: | 2.4615 |
| Iteration: | 3842; | Percent complete: | 96.0%; | Average loss: | 2      |

|            |       |         |           |        |         |       |        |
|------------|-------|---------|-----------|--------|---------|-------|--------|
| Iteration: | 3858; | Percent | complete: | 96.3%; | Average | loss: | 2.8447 |
| Iteration: | 3859; | Percent | complete: | 96.5%; | Average | loss: | 2.6787 |
| Iteration: | 3860; | Percent | complete: | 96.5%; | Average | loss: | 2.6327 |
| Iteration: | 3861; | Percent | complete: | 96.5%; | Average | loss: | 2.4221 |
| Iteration: | 3862; | Percent | complete: | 96.5%; | Average | loss: | 2.4707 |
| Iteration: | 3863; | Percent | complete: | 96.6%; | Average | loss: | 2.5367 |
| Iteration: | 3864; | Percent | complete: | 96.6%; | Average | loss: | 2.7229 |
| Iteration: | 3865; | Percent | complete: | 96.6%; | Average | loss: | 2.8122 |
| Iteration: | 3866; | Percent | complete: | 96.7%; | Average | loss: | 2.6737 |
| Iteration: | 3867; | Percent | complete: | 96.7%; | Average | loss: | 2.7077 |
| Iteration: | 3868; | Percent | complete: | 96.7%; | Average | loss: | 2.7227 |
| Iteration: | 3869; | Percent | complete: | 96.7%; | Average | loss: | 2.3707 |
| Iteration: | 3870; | Percent | complete: | 96.8%; | Average | loss: | 2.6117 |
| Iteration: | 3871; | Percent | complete: | 96.8%; | Average | loss: | 2.5557 |
| Iteration: | 3872; | Percent | complete: | 96.8%; | Average | loss: | 2.7077 |
| Iteration: | 3873; | Percent | complete: | 96.8%; | Average | loss: | 2.7557 |
| Iteration: | 3874; | Percent | complete: | 96.9%; | Average | loss: | 2.7007 |
| Iteration: | 3875; | Percent | complete: | 96.9%; | Average | loss: | 2.4957 |
| Iteration: | 3876; | Percent | complete: | 96.9%; | Average | loss: | 2.4907 |
| Iteration: | 3877; | Percent | complete: | 96.9%; | Average | loss: | 2.5457 |
| Iteration: | 3878; | Percent | complete: | 97.0%; | Average | loss: | 2.3817 |
| Iteration: | 3879; | Percent | complete: | 97.0%; | Average | loss: | 2.5557 |
| Iteration: | 3880; | Percent | complete: | 97.0%; | Average | loss: | 2.3327 |
| Iteration: | 3881; | Percent | complete: | 97.0%; | Average | loss: | 2.5187 |
| Iteration: | 3882; | Percent | complete: | 97.0%; | Average | loss: | 2.5197 |
| Iteration: | 3883; | Percent | complete: | 97.1%; | Average | loss: | 2.7327 |
| Iteration: | 3884; | Percent | complete: | 97.1%; | Average | loss: | 2.4927 |
| Iteration: | 3885; | Percent | complete: | 97.1%; | Average | loss: | 2.4557 |
| Iteration: | 3886; | Percent | complete: | 97.2%; | Average | loss: | 2.4507 |
| Iteration: | 3887; | Percent | complete: | 97.2%; | Average | loss: | 2.5977 |
| Iteration: | 3888; | Percent | complete: | 97.2%; | Average | loss: | 2.4727 |
| Iteration: | 3889; | Percent | complete: | 97.2%; | Average | loss: | 2.5777 |
| Iteration: | 3890; | Percent | complete: | 97.2%; | Average | loss: | 2.5227 |
| Iteration: | 3891; | Percent | complete: | 97.3%; | Average | loss: | 2.5657 |
| Iteration: | 3892; | Percent | complete: | 97.3%; | Average | loss: | 2.5677 |
| Iteration: | 3893; | Percent | complete: | 97.3%; | Average | loss: | 2.4167 |
| Iteration: | 3894; | Percent | complete: | 97.4%; | Average | loss: | 2.5137 |
| Iteration: | 3895; | Percent | complete: | 97.4%; | Average | loss: | 2.7827 |
| Iteration: | 3896; | Percent | complete: | 97.4%; | Average | loss: | 2.5337 |
| Iteration: | 3897; | Percent | complete: | 97.4%; | Average | loss: | 2.5567 |
| Iteration: | 3898; | Percent | complete: | 97.5%; | Average | loss: | 2.6117 |
| Iteration: | 3899; | Percent | complete: | 97.5%; | Average | loss: | 2.6347 |
| Iteration: | 3900; | Percent | complete: | 97.5%; | Average | loss: | 2.5277 |
| Iteration: | 3901; | Percent | complete: | 97.5%; | Average | loss: | 2.2787 |
| Iteration: | 3902; | Percent | complete: | 97.5%; | Average | loss: | 2.2667 |
| Iteration: | 3903; | Percent | complete: | 97.6%; | Average | loss: | 2.5677 |
| Iteration: | 3904; | Percent | complete: | 97.6%; | Average | loss: | 2.6957 |
| Iteration: | 3905; | Percent | complete: | 97.6%; | Average | loss: | 2.8457 |
| Iteration: | 3906; | Percent | complete: | 97.7%; | Average | loss: | 2.9057 |
| Iteration: | 3907; | Percent | complete: | 97.7%; | Average | loss: | 2.8317 |
| Iteration: | 3908; | Percent | complete: | 97.7%; | Average | loss: | 2.5757 |
| Iteration: | 3909; | Percent | complete: | 97.7%; | Average | loss: | 2.6887 |
| Iteration: | 3910; | Percent | complete: | 97.8%; | Average | loss: | 2.7847 |
| Iteration: | 3911; | Percent | complete: | 97.8%; | Average | loss: | 2.6077 |
| Iteration: | 3912; | Percent | complete: | 97.8%; | Average | loss: | 2.5837 |
| Iteration: | 3913; | Percent | complete: | 97.8%; | Average | loss: | 2.4107 |
| Iteration: | 3914; | Percent | complete: | 97.9%; | Average | loss: | 2.6827 |
| Iteration: | 3915; | Percent | complete: | 97.9%; | Average | loss: | 2.4667 |
| Iteration: | 3916; | Percent | complete: | 97.9%; | Average | loss: | 2.6737 |
| Iteration: | 3917; | Percent | complete: | 97.9%; | Average | loss: | 2.6657 |
| Iteration: | 3918; | Percent | complete: | 98.0%; | Average | loss: | 2.8277 |
| Iteration: | 3919; | Percent | complete: | 98.0%; | Average | loss: | 2.6117 |
| Iteration: | 3920; | Percent | complete: | 98.0%; | Average | loss: | 2.5877 |
| Iteration: | 3921; | Percent | complete: | 98.0%; | Average | loss: | 2.7537 |

Iteration: 3950; Percent complete: 98.8%; Average loss: 2.5974  
Iteration: 3951; Percent complete: 98.8%; Average loss: 2.5298  
Iteration: 3952; Percent complete: 98.8%; Average loss: 2.6555  
Iteration: 3953; Percent complete: 98.8%; Average loss: 2.7957  
Iteration: 3954; Percent complete: 98.9%; Average loss: 2.6728  
Iteration: 3955; Percent complete: 98.9%; Average loss: 2.7014  
Iteration: 3956; Percent complete: 98.9%; Average loss: 2.6953  
Iteration: 3957; Percent complete: 98.9%; Average loss: 2.6504  
Iteration: 3958; Percent complete: 99.0%; Average loss: 2.5398  
Iteration: 3959; Percent complete: 99.0%; Average loss: 2.4178  
Iteration: 3960; Percent complete: 99.0%; Average loss: 2.7102  
Iteration: 3961; Percent complete: 99.0%; Average loss: 2.7090  
Iteration: 3962; Percent complete: 99.1%; Average loss: 2.5276  
Iteration: 3963; Percent complete: 99.1%; Average loss: 2.7584  
Iteration: 3964; Percent complete: 99.1%; Average loss: 2.6050  
Iteration: 3965; Percent complete: 99.1%; Average loss: 2.8576  
Iteration: 3966; Percent complete: 99.2%; Average loss: 2.4857  
Iteration: 3967; Percent complete: 99.2%; Average loss: 2.4830  
Iteration: 3968; Percent complete: 99.2%; Average loss: 2.6060  
Iteration: 3969; Percent complete: 99.2%; Average loss: 2.6042  
Iteration: 3970; Percent complete: 99.2%; Average loss: 2.4218  
Iteration: 3971; Percent complete: 99.3%; Average loss: 2.7454  
Iteration: 3972; Percent complete: 99.3%; Average loss: 2.6926  
Iteration: 3973; Percent complete: 99.3%; Average loss: 2.7607  
Iteration: 3974; Percent complete: 99.4%; Average loss: 2.7795  
Iteration: 3975; Percent complete: 99.4%; Average loss: 2.5190  
Iteration: 3976; Percent complete: 99.4%; Average loss: 2.6555  
Iteration: 3977; Percent complete: 99.4%; Average loss: 2.6057  
Iteration: 3978; Percent complete: 99.5%; Average loss: 2.8008  
Iteration: 3979; Percent complete: 99.5%; Average loss: 2.7789  
Iteration: 3980; Percent complete: 99.5%; Average loss: 2.6772  
Iteration: 3981; Percent complete: 99.5%; Average loss: 2.5599  
Iteration: 3982; Percent complete: 99.6%; Average loss: 2.7600  
Iteration: 3983; Percent complete: 99.6%; Average loss: 2.6234  
Iteration: 3984; Percent complete: 99.6%; Average loss: 2.7832  
Iteration: 3985; Percent complete: 99.6%; Average loss: 2.6227  
Iteration: 3986; Percent complete: 99.7%; Average loss: 2.6012  
Iteration: 3987; Percent complete: 99.7%; Average loss: 2.6035  
Iteration: 3988; Percent complete: 99.7%; Average loss: 2.7786  
Iteration: 3989; Percent complete: 99.7%; Average loss: 2.6582  
Iteration: 3990; Percent complete: 99.8%; Average loss: 2.2266  
Iteration: 3991; Percent complete: 99.8%; Average loss: 2.5679  
Iteration: 3992; Percent complete: 99.8%; Average loss: 2.5572  
Iteration: 3993; Percent complete: 99.8%; Average loss: 2.7489  
Iteration: 3994; Percent complete: 99.9%; Average loss: 2.5348  
Iteration: 3995; Percent complete: 99.9%; Average loss: 2.5828  
Iteration: 3996; Percent complete: 99.9%; Average loss: 2.5846  
Iteration: 3997; Percent complete: 99.9%; Average loss: 2.5626  
Iteration: 3998; Percent complete: 100.0%; Average loss: 2.3984  
Iteration: 3999; Percent complete: 100.0%; Average loss: 2.6328  
Iteration: 4000; Percent complete: 100.0%; Average loss: 2.5450

## Run history:



## Run summary:

batch loss 2.545  
epoch 3  
loss 2.60565

View run **rare-sweep-3** at: <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps/runs/tpvl00xh>

View project at: <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps>

Synced 5 W&B file(s), 0 media file(s), 0 artifact file(s) and 0 other file(s)

Find logs at: `./wandb/run-20250928_212304-tpvl00xh/logs`

**wandb**: Agent Starting Run: rmzx8htn with config:

**wandb**: clip: 50

**wandb**: decoder\_learning\_ratio: 10

**wandb**: learning\_rate: 0.0001

**wandb**: optimizer: adam

**wandb**: teacher\_forcing\_ratio: 1

Tracking run with wandb version 0.22.0

Run data is saved locally in `/content/wandb/run-20250928_212631-rmzx8htn`

Syncing run **earthy-sweep-4** to [Weights & Biases \(docs\)](#)

Sweep page: <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps/sweeps/jvrgq7ty>

View project at <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps>

View sweep at <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps/sweeps/jvrgq7ty>

View run at <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps/runs/rmzx8htn>

Building optimizers ...

Starting Training!

Initializing ...

Training...

Iteration: 1; Percent complete: 0.0%; Average loss: 2.6256

Iteration: 1; Percent complete: 0.0%; Average loss: 2.1257  
Iteration: 2; Percent complete: 0.1%; Average loss: 2.7657  
Iteration: 3; Percent complete: 0.1%; Average loss: 2.6837  
Iteration: 4; Percent complete: 0.1%; Average loss: 2.4750  
Iteration: 5; Percent complete: 0.1%; Average loss: 2.6037  
Iteration: 6; Percent complete: 0.1%; Average loss: 2.7154  
Iteration: 7; Percent complete: 0.2%; Average loss: 2.7115  
Iteration: 8; Percent complete: 0.2%; Average loss: 2.5560  
Iteration: 9; Percent complete: 0.2%; Average loss: 2.6223  
Iteration: 10; Percent complete: 0.2%; Average loss: 2.5472  
Iteration: 11; Percent complete: 0.3%; Average loss: 2.7585  
Iteration: 12; Percent complete: 0.3%; Average loss: 2.7454  
Iteration: 13; Percent complete: 0.3%; Average loss: 2.6293  
Iteration: 14; Percent complete: 0.4%; Average loss: 2.6349  
Iteration: 15; Percent complete: 0.4%; Average loss: 2.7517  
Iteration: 16; Percent complete: 0.4%; Average loss: 2.5820  
Iteration: 17; Percent complete: 0.4%; Average loss: 2.7851  
Iteration: 18; Percent complete: 0.4%; Average loss: 2.7797  
Iteration: 19; Percent complete: 0.5%; Average loss: 2.6861  
Iteration: 20; Percent complete: 0.5%; Average loss: 2.8559  
Iteration: 21; Percent complete: 0.5%; Average loss: 2.6984  
Iteration: 22; Percent complete: 0.5%; Average loss: 2.8863  
Iteration: 23; Percent complete: 0.6%; Average loss: 2.7736  
Iteration: 24; Percent complete: 0.6%; Average loss: 2.7845  
Iteration: 25; Percent complete: 0.6%; Average loss: 2.8268  
Iteration: 26; Percent complete: 0.7%; Average loss: 2.9499  
Iteration: 27; Percent complete: 0.7%; Average loss: 2.6644  
Iteration: 28; Percent complete: 0.7%; Average loss: 2.9095  
Iteration: 29; Percent complete: 0.7%; Average loss: 2.8597  
Iteration: 30; Percent complete: 0.8%; Average loss: 2.7847  
Iteration: 31; Percent complete: 0.8%; Average loss: 2.6743  
Iteration: 32; Percent complete: 0.8%; Average loss: 2.9220  
Iteration: 33; Percent complete: 0.8%; Average loss: 3.2512  
Iteration: 34; Percent complete: 0.9%; Average loss: 2.7644  
Iteration: 35; Percent complete: 0.9%; Average loss: 2.7955  
Iteration: 36; Percent complete: 0.9%; Average loss: 3.1363  
Iteration: 37; Percent complete: 0.9%; Average loss: 2.9200  
Iteration: 38; Percent complete: 0.9%; Average loss: 2.8183  
Iteration: 39; Percent complete: 1.0%; Average loss: 2.8058  
Iteration: 40; Percent complete: 1.0%; Average loss: 2.8488  
Iteration: 41; Percent complete: 1.0%; Average loss: 2.7876  
Iteration: 42; Percent complete: 1.1%; Average loss: 2.8429  
Iteration: 43; Percent complete: 1.1%; Average loss: 2.7060  
Iteration: 44; Percent complete: 1.1%; Average loss: 2.6238  
Iteration: 45; Percent complete: 1.1%; Average loss: 2.8124  
Iteration: 46; Percent complete: 1.1%; Average loss: 2.7728  
Iteration: 47; Percent complete: 1.2%; Average loss: 3.2333  
Iteration: 48; Percent complete: 1.2%; Average loss: 2.7510  
Iteration: 49; Percent complete: 1.2%; Average loss: 2.8641  
Iteration: 50; Percent complete: 1.2%; Average loss: 2.7135  
Iteration: 51; Percent complete: 1.3%; Average loss: 2.9369  
Iteration: 52; Percent complete: 1.3%; Average loss: 3.0119  
Iteration: 53; Percent complete: 1.3%; Average loss: 2.8607  
Iteration: 54; Percent complete: 1.4%; Average loss: 2.7360  
Iteration: 55; Percent complete: 1.4%; Average loss: 3.0405  
Iteration: 56; Percent complete: 1.4%; Average loss: 2.6984  
Iteration: 57; Percent complete: 1.4%; Average loss: 2.8212  
Iteration: 58; Percent complete: 1.5%; Average loss: 2.8289  
Iteration: 59; Percent complete: 1.5%; Average loss: 2.8406  
Iteration: 60; Percent complete: 1.5%; Average loss: 2.9011  
Iteration: 61; Percent complete: 1.5%; Average loss: 2.8353  
Iteration: 62; Percent complete: 1.6%; Average loss: 2.7913  
Iteration: 63; Percent complete: 1.6%; Average loss: 2.8736  
Iteration: 64; Percent complete: 1.6%; Average loss: 2.8305  
Iteration: 65; Percent complete: 1.6%; Average loss: 2.8616  
Iteration: 66; Percent complete: 1.7%; Average loss: 2.9223  
Iteration: 67; Percent complete: 1.7%; Average loss: 3.0694  
Iteration: 68; Percent complete: 1.7%; Average loss: 2.9861  
Iteration: 69; Percent complete: 1.7%; Average loss: 3.0023  
Iteration: 70; Percent complete: 1.8%; Average loss: 2.9091  
Iteration: 71; Percent complete: 1.8%; Average loss: 2.7000  
Iteration: 72; Percent complete: 1.8%; Average loss: 2.7604  
Iteration: 73; Percent complete: 1.8%; Average loss: 2.6973  
Iteration: 74; Percent complete: 1.8%; Average loss: 2.7985  
Iteration: 75; Percent complete: 1.9%; Average loss: 2.9414  
Iteration: 76; Percent complete: 1.9%; Average loss: 2.8395  
Iteration: 77; Percent complete: 1.9%; Average loss: 2.9272  
Iteration: 78; Percent complete: 1.9%; Average loss: 2.9572  
Iteration: 79; Percent complete: 2.0%; Average loss: 2.9092  
Iteration: 80; Percent complete: 2.0%; Average loss: 2.7269  
Iteration: 81; Percent complete: 2.0%; Average loss: 2.9109  
Iteration: 82; Percent complete: 2.1%; Average loss: 2.9534  
Iteration: 83; Percent complete: 2.1%; Average loss: 2.9657  
Iteration: 84; Percent complete: 2.1%; Average loss: 2.6573  
Iteration: 85; Percent complete: 2.1%; Average loss: 2.9309  
Iteration: 86; Percent complete: 2.1%; Average loss: 2.9560  
Iteration: 87; Percent complete: 2.2%; Average loss: 2.9590  
Iteration: 88; Percent complete: 2.2%; Average loss: 2.7896  
Iteration: 89; Percent complete: 2.2%; Average loss: 2.7148  
Iteration: 90; Percent complete: 2.2%; Average loss: 2.7550  
Iteration: 91; Percent complete: 2.3%; Average loss: 2.9721  
Iteration: 92; Percent complete: 2.3%; Average loss: 3.1287

Iteration: 93; Percent complete: 2.3%; Average loss: 2.7133  
Iteration: 94; Percent complete: 2.4%; Average loss: 3.0754  
Iteration: 95; Percent complete: 2.4%; Average loss: 3.0226  
Iteration: 96; Percent complete: 2.4%; Average loss: 3.0024  
Iteration: 97; Percent complete: 2.4%; Average loss: 3.0986  
Iteration: 98; Percent complete: 2.5%; Average loss: 2.8465  
Iteration: 99; Percent complete: 2.5%; Average loss: 2.8511  
Iteration: 100; Percent complete: 2.5%; Average loss: 2.9224  
Iteration: 101; Percent complete: 2.5%; Average loss: 2.9601  
Iteration: 102; Percent complete: 2.5%; Average loss: 2.8936  
Iteration: 103; Percent complete: 2.6%; Average loss: 2.7658  
Iteration: 104; Percent complete: 2.6%; Average loss: 2.9727  
Iteration: 105; Percent complete: 2.6%; Average loss: 3.2241  
Iteration: 106; Percent complete: 2.6%; Average loss: 3.0910  
Iteration: 107; Percent complete: 2.7%; Average loss: 3.0164  
Iteration: 108; Percent complete: 2.7%; Average loss: 3.0644  
Iteration: 109; Percent complete: 2.7%; Average loss: 3.0299  
Iteration: 110; Percent complete: 2.8%; Average loss: 3.1174  
Iteration: 111; Percent complete: 2.8%; Average loss: 2.6819  
Iteration: 112; Percent complete: 2.8%; Average loss: 2.9355  
Iteration: 113; Percent complete: 2.8%; Average loss: 2.8770  
Iteration: 114; Percent complete: 2.9%; Average loss: 2.9530  
Iteration: 115; Percent complete: 2.9%; Average loss: 2.7373  
Iteration: 116; Percent complete: 2.9%; Average loss: 2.9819  
Iteration: 117; Percent complete: 2.9%; Average loss: 3.0418  
Iteration: 118; Percent complete: 2.9%; Average loss: 2.9470  
Iteration: 119; Percent complete: 3.0%; Average loss: 3.1249  
Iteration: 120; Percent complete: 3.0%; Average loss: 2.9231  
Iteration: 121; Percent complete: 3.0%; Average loss: 3.0165  
Iteration: 122; Percent complete: 3.0%; Average loss: 2.7789  
Iteration: 123; Percent complete: 3.1%; Average loss: 2.8745  
Iteration: 124; Percent complete: 3.1%; Average loss: 2.7973  
Iteration: 125; Percent complete: 3.1%; Average loss: 2.8691  
Iteration: 126; Percent complete: 3.1%; Average loss: 3.0132  
Iteration: 127; Percent complete: 3.2%; Average loss: 2.9109  
Iteration: 128; Percent complete: 3.2%; Average loss: 2.6646  
Iteration: 129; Percent complete: 3.2%; Average loss: 2.8347  
Iteration: 130; Percent complete: 3.2%; Average loss: 3.1466  
Iteration: 131; Percent complete: 3.3%; Average loss: 3.0099  
Iteration: 132; Percent complete: 3.3%; Average loss: 2.8840  
Iteration: 133; Percent complete: 3.3%; Average loss: 2.8488  
Iteration: 134; Percent complete: 3.4%; Average loss: 2.9373  
Iteration: 135; Percent complete: 3.4%; Average loss: 2.8651  
Iteration: 136; Percent complete: 3.4%; Average loss: 2.8639  
Iteration: 137; Percent complete: 3.4%; Average loss: 2.8357  
Iteration: 138; Percent complete: 3.5%; Average loss: 2.9424  
Iteration: 139; Percent complete: 3.5%; Average loss: 2.9019  
Iteration: 140; Percent complete: 3.5%; Average loss: 3.2600  
Iteration: 141; Percent complete: 3.5%; Average loss: 3.4095  
Iteration: 142; Percent complete: 3.5%; Average loss: 2.8473  
Iteration: 143; Percent complete: 3.6%; Average loss: 2.6791  
Iteration: 144; Percent complete: 3.6%; Average loss: 3.0288  
Iteration: 145; Percent complete: 3.6%; Average loss: 3.0331  
Iteration: 146; Percent complete: 3.6%; Average loss: 2.9898  
Iteration: 147; Percent complete: 3.7%; Average loss: 2.7189  
Iteration: 148; Percent complete: 3.7%; Average loss: 2.7311  
Iteration: 149; Percent complete: 3.7%; Average loss: 2.9735  
Iteration: 150; Percent complete: 3.8%; Average loss: 2.8291  
Iteration: 151; Percent complete: 3.8%; Average loss: 2.9635  
Iteration: 152; Percent complete: 3.8%; Average loss: 2.8956  
Iteration: 153; Percent complete: 3.8%; Average loss: 2.8818  
Iteration: 154; Percent complete: 3.9%; Average loss: 3.0685  
Iteration: 155; Percent complete: 3.9%; Average loss: 2.9056  
Iteration: 156; Percent complete: 3.9%; Average loss: 2.8144  
Iteration: 157; Percent complete: 3.9%; Average loss: 2.8010  
Iteration: 158; Percent complete: 4.0%; Average loss: 2.8860  
Iteration: 159; Percent complete: 4.0%; Average loss: 3.1889  
Iteration: 160; Percent complete: 4.0%; Average loss: 2.8553  
Iteration: 161; Percent complete: 4.0%; Average loss: 2.9240  
Iteration: 162; Percent complete: 4.0%; Average loss: 3.0077  
Iteration: 163; Percent complete: 4.1%; Average loss: 2.8642  
Iteration: 164; Percent complete: 4.1%; Average loss: 2.6385  
Iteration: 165; Percent complete: 4.1%; Average loss: 3.1535  
Iteration: 166; Percent complete: 4.2%; Average loss: 2.7299  
Iteration: 167; Percent complete: 4.2%; Average loss: 3.0457  
Iteration: 168; Percent complete: 4.2%; Average loss: 2.5804  
Iteration: 169; Percent complete: 4.2%; Average loss: 3.3355  
Iteration: 170; Percent complete: 4.2%; Average loss: 2.6071  
Iteration: 171; Percent complete: 4.3%; Average loss: 2.7230  
Iteration: 172; Percent complete: 4.3%; Average loss: 2.7736  
Iteration: 173; Percent complete: 4.3%; Average loss: 2.8701  
Iteration: 174; Percent complete: 4.3%; Average loss: 3.0227  
Iteration: 175; Percent complete: 4.4%; Average loss: 2.8191  
Iteration: 176; Percent complete: 4.4%; Average loss: 3.1404  
Iteration: 177; Percent complete: 4.4%; Average loss: 2.6680  
Iteration: 178; Percent complete: 4.5%; Average loss: 3.0044  
Iteration: 179; Percent complete: 4.5%; Average loss: 3.0378  
Iteration: 180; Percent complete: 4.5%; Average loss: 3.0820  
Iteration: 181; Percent complete: 4.5%; Average loss: 2.8716  
Iteration: 182; Percent complete: 4.5%; Average loss: 2.9189  
Iteration: 183; Percent complete: 4.6%; Average loss: 2.7811

Iteration: 184; Percent complete: 4.6%; Average loss: 2.8287  
Iteration: 185; Percent complete: 4.6%; Average loss: 2.7753  
Iteration: 186; Percent complete: 4.7%; Average loss: 2.9654  
Iteration: 187; Percent complete: 4.7%; Average loss: 2.9345  
Iteration: 188; Percent complete: 4.7%; Average loss: 2.7059  
Iteration: 189; Percent complete: 4.7%; Average loss: 2.8701  
Iteration: 190; Percent complete: 4.8%; Average loss: 3.0263  
Iteration: 191; Percent complete: 4.8%; Average loss: 3.0447  
Iteration: 192; Percent complete: 4.8%; Average loss: 3.0325  
Iteration: 193; Percent complete: 4.8%; Average loss: 2.8759  
Iteration: 194; Percent complete: 4.9%; Average loss: 2.6500  
Iteration: 195; Percent complete: 4.9%; Average loss: 2.7703  
Iteration: 196; Percent complete: 4.9%; Average loss: 3.1911  
Iteration: 197; Percent complete: 4.9%; Average loss: 2.9373  
Iteration: 198; Percent complete: 5.0%; Average loss: 2.8231  
Iteration: 199; Percent complete: 5.0%; Average loss: 2.8365  
Iteration: 200; Percent complete: 5.0%; Average loss: 2.8460  
Iteration: 201; Percent complete: 5.0%; Average loss: 2.9145  
Iteration: 202; Percent complete: 5.1%; Average loss: 2.9254  
Iteration: 203; Percent complete: 5.1%; Average loss: 2.7564  
Iteration: 204; Percent complete: 5.1%; Average loss: 2.9289  
Iteration: 205; Percent complete: 5.1%; Average loss: 2.7675  
Iteration: 206; Percent complete: 5.1%; Average loss: 2.8497  
Iteration: 207; Percent complete: 5.2%; Average loss: 2.9951  
Iteration: 208; Percent complete: 5.2%; Average loss: 2.9275  
Iteration: 209; Percent complete: 5.2%; Average loss: 3.1570  
Iteration: 210; Percent complete: 5.2%; Average loss: 2.8608  
Iteration: 211; Percent complete: 5.3%; Average loss: 2.7818  
Iteration: 212; Percent complete: 5.3%; Average loss: 2.5923  
Iteration: 213; Percent complete: 5.3%; Average loss: 3.0709  
Iteration: 214; Percent complete: 5.3%; Average loss: 2.7748  
Iteration: 215; Percent complete: 5.4%; Average loss: 3.0551  
Iteration: 216; Percent complete: 5.4%; Average loss: 2.8231  
Iteration: 217; Percent complete: 5.4%; Average loss: 2.8415  
Iteration: 218; Percent complete: 5.5%; Average loss: 3.1181  
Iteration: 219; Percent complete: 5.5%; Average loss: 2.8510  
Iteration: 220; Percent complete: 5.5%; Average loss: 2.8006  
Iteration: 221; Percent complete: 5.5%; Average loss: 2.8538  
Iteration: 222; Percent complete: 5.5%; Average loss: 2.8549  
Iteration: 223; Percent complete: 5.6%; Average loss: 2.8608  
Iteration: 224; Percent complete: 5.6%; Average loss: 2.7723  
Iteration: 225; Percent complete: 5.6%; Average loss: 2.8221  
Iteration: 226; Percent complete: 5.7%; Average loss: 2.9856  
Iteration: 227; Percent complete: 5.7%; Average loss: 2.7991  
Iteration: 228; Percent complete: 5.7%; Average loss: 2.8414  
Iteration: 229; Percent complete: 5.7%; Average loss: 2.6430  
Iteration: 230; Percent complete: 5.8%; Average loss: 2.7987  
Iteration: 231; Percent complete: 5.8%; Average loss: 3.1527  
Iteration: 232; Percent complete: 5.8%; Average loss: 2.6328  
Iteration: 233; Percent complete: 5.8%; Average loss: 3.0668  
Iteration: 234; Percent complete: 5.9%; Average loss: 3.0767  
Iteration: 235; Percent complete: 5.9%; Average loss: 3.1079  
Iteration: 236; Percent complete: 5.9%; Average loss: 2.6959  
Iteration: 237; Percent complete: 5.9%; Average loss: 2.6210  
Iteration: 238; Percent complete: 5.9%; Average loss: 2.9847  
Iteration: 239; Percent complete: 6.0%; Average loss: 2.8614  
Iteration: 240; Percent complete: 6.0%; Average loss: 2.9939  
Iteration: 241; Percent complete: 6.0%; Average loss: 2.9279  
Iteration: 242; Percent complete: 6.0%; Average loss: 2.8096  
Iteration: 243; Percent complete: 6.1%; Average loss: 2.9355  
Iteration: 244; Percent complete: 6.1%; Average loss: 2.8394  
Iteration: 245; Percent complete: 6.1%; Average loss: 2.7270  
Iteration: 246; Percent complete: 6.2%; Average loss: 2.9308  
Iteration: 247; Percent complete: 6.2%; Average loss: 3.0124  
Iteration: 248; Percent complete: 6.2%; Average loss: 2.7977  
Iteration: 249; Percent complete: 6.2%; Average loss: 2.7212  
Iteration: 250; Percent complete: 6.2%; Average loss: 2.9557  
Iteration: 251; Percent complete: 6.3%; Average loss: 2.5609  
Iteration: 252; Percent complete: 6.3%; Average loss: 2.6450  
Iteration: 253; Percent complete: 6.3%; Average loss: 2.7845  
Iteration: 254; Percent complete: 6.3%; Average loss: 2.8035  
Iteration: 255; Percent complete: 6.4%; Average loss: 2.8866  
Iteration: 256; Percent complete: 6.4%; Average loss: 2.6424  
Iteration: 257; Percent complete: 6.4%; Average loss: 2.9580  
Iteration: 258; Percent complete: 6.5%; Average loss: 2.8968  
Iteration: 259; Percent complete: 6.5%; Average loss: 2.9099  
Iteration: 260; Percent complete: 6.5%; Average loss: 2.7805  
Iteration: 261; Percent complete: 6.5%; Average loss: 2.8857  
Iteration: 262; Percent complete: 6.6%; Average loss: 2.7265  
Iteration: 263; Percent complete: 6.6%; Average loss: 2.7850  
Iteration: 264; Percent complete: 6.6%; Average loss: 3.0118  
Iteration: 265; Percent complete: 6.6%; Average loss: 2.8204  
Iteration: 266; Percent complete: 6.7%; Average loss: 2.7857  
Iteration: 267; Percent complete: 6.7%; Average loss: 3.0512  
Iteration: 268; Percent complete: 6.7%; Average loss: 2.6350  
Iteration: 269; Percent complete: 6.7%; Average loss: 2.6966  
Iteration: 270; Percent complete: 6.8%; Average loss: 2.7939  
Iteration: 271; Percent complete: 6.8%; Average loss: 2.9113  
Iteration: 272; Percent complete: 6.8%; Average loss: 3.0683  
Iteration: 273; Percent complete: 6.8%; Average loss: 2.5585  
Iteration: 274; Percent complete: 6.9%; Average loss: 2.6334  
Iteration: 275; Percent complete: 6.9%; Average loss: 2.6376

Iteration: 275; Percent complete: 6.9%; Average loss: 2.6276  
Iteration: 276; Percent complete: 6.9%; Average loss: 2.7927  
Iteration: 277; Percent complete: 6.9%; Average loss: 2.6947  
Iteration: 278; Percent complete: 7.0%; Average loss: 2.6910  
Iteration: 279; Percent complete: 7.0%; Average loss: 2.8448  
Iteration: 280; Percent complete: 7.0%; Average loss: 2.8914  
Iteration: 281; Percent complete: 7.0%; Average loss: 2.8830  
Iteration: 282; Percent complete: 7.0%; Average loss: 2.7966  
Iteration: 283; Percent complete: 7.1%; Average loss: 2.9139  
Iteration: 284; Percent complete: 7.1%; Average loss: 2.7637  
Iteration: 285; Percent complete: 7.1%; Average loss: 3.0553  
Iteration: 286; Percent complete: 7.1%; Average loss: 2.6744  
Iteration: 287; Percent complete: 7.2%; Average loss: 2.7292  
Iteration: 288; Percent complete: 7.2%; Average loss: 2.7673  
Iteration: 289; Percent complete: 7.2%; Average loss: 2.8930  
Iteration: 290; Percent complete: 7.2%; Average loss: 2.5481  
Iteration: 291; Percent complete: 7.3%; Average loss: 2.7817  
Iteration: 292; Percent complete: 7.3%; Average loss: 2.7853  
Iteration: 293; Percent complete: 7.3%; Average loss: 2.6521  
Iteration: 294; Percent complete: 7.3%; Average loss: 2.5508  
Iteration: 295; Percent complete: 7.4%; Average loss: 2.9744  
Iteration: 296; Percent complete: 7.4%; Average loss: 2.8309  
Iteration: 297; Percent complete: 7.4%; Average loss: 2.9575  
Iteration: 298; Percent complete: 7.4%; Average loss: 2.9178  
Iteration: 299; Percent complete: 7.5%; Average loss: 2.6600  
Iteration: 300; Percent complete: 7.5%; Average loss: 2.7405  
Iteration: 301; Percent complete: 7.5%; Average loss: 2.6493  
Iteration: 302; Percent complete: 7.5%; Average loss: 2.8289  
Iteration: 303; Percent complete: 7.6%; Average loss: 2.6739  
Iteration: 304; Percent complete: 7.6%; Average loss: 2.9790  
Iteration: 305; Percent complete: 7.6%; Average loss: 2.9781  
Iteration: 306; Percent complete: 7.6%; Average loss: 3.2393  
Iteration: 307; Percent complete: 7.7%; Average loss: 2.9111  
Iteration: 308; Percent complete: 7.7%; Average loss: 3.0030  
Iteration: 309; Percent complete: 7.7%; Average loss: 2.8914  
Iteration: 310; Percent complete: 7.8%; Average loss: 2.8787  
Iteration: 311; Percent complete: 7.8%; Average loss: 3.0214  
Iteration: 312; Percent complete: 7.8%; Average loss: 2.7164  
Iteration: 313; Percent complete: 7.8%; Average loss: 2.7562  
Iteration: 314; Percent complete: 7.8%; Average loss: 2.9972  
Iteration: 315; Percent complete: 7.9%; Average loss: 2.9609  
Iteration: 316; Percent complete: 7.9%; Average loss: 2.8105  
Iteration: 317; Percent complete: 7.9%; Average loss: 2.7687  
Iteration: 318; Percent complete: 8.0%; Average loss: 2.8335  
Iteration: 319; Percent complete: 8.0%; Average loss: 2.6954  
Iteration: 320; Percent complete: 8.0%; Average loss: 3.0229  
Iteration: 321; Percent complete: 8.0%; Average loss: 2.6576  
Iteration: 322; Percent complete: 8.1%; Average loss: 2.8812  
Iteration: 323; Percent complete: 8.1%; Average loss: 2.8679  
Iteration: 324; Percent complete: 8.1%; Average loss: 2.8891  
Iteration: 325; Percent complete: 8.1%; Average loss: 2.7481  
Iteration: 326; Percent complete: 8.2%; Average loss: 2.9783  
Iteration: 327; Percent complete: 8.2%; Average loss: 2.9012  
Iteration: 328; Percent complete: 8.2%; Average loss: 2.6736  
Iteration: 329; Percent complete: 8.2%; Average loss: 2.8884  
Iteration: 330; Percent complete: 8.2%; Average loss: 3.0925  
Iteration: 331; Percent complete: 8.3%; Average loss: 2.9384  
Iteration: 332; Percent complete: 8.3%; Average loss: 2.9715  
Iteration: 333; Percent complete: 8.3%; Average loss: 2.8512  
Iteration: 334; Percent complete: 8.3%; Average loss: 3.0940  
Iteration: 335; Percent complete: 8.4%; Average loss: 2.8920  
Iteration: 336; Percent complete: 8.4%; Average loss: 3.0549  
Iteration: 337; Percent complete: 8.4%; Average loss: 2.6717  
Iteration: 338; Percent complete: 8.5%; Average loss: 2.8195  
Iteration: 339; Percent complete: 8.5%; Average loss: 2.7809  
Iteration: 340; Percent complete: 8.5%; Average loss: 2.7263  
Iteration: 341; Percent complete: 8.5%; Average loss: 2.9178  
Iteration: 342; Percent complete: 8.6%; Average loss: 2.6592  
Iteration: 343; Percent complete: 8.6%; Average loss: 2.7703  
Iteration: 344; Percent complete: 8.6%; Average loss: 2.8603  
Iteration: 345; Percent complete: 8.6%; Average loss: 2.7034  
Iteration: 346; Percent complete: 8.6%; Average loss: 2.7661  
Iteration: 347; Percent complete: 8.7%; Average loss: 2.6918  
Iteration: 348; Percent complete: 8.7%; Average loss: 2.6178  
Iteration: 349; Percent complete: 8.7%; Average loss: 2.8823  
Iteration: 350; Percent complete: 8.8%; Average loss: 2.7830  
Iteration: 351; Percent complete: 8.8%; Average loss: 2.6270  
Iteration: 352; Percent complete: 8.8%; Average loss: 3.0403  
Iteration: 353; Percent complete: 8.8%; Average loss: 2.7961  
Iteration: 354; Percent complete: 8.8%; Average loss: 2.8510  
Iteration: 355; Percent complete: 8.9%; Average loss: 2.7422  
Iteration: 356; Percent complete: 8.9%; Average loss: 2.8258  
Iteration: 357; Percent complete: 8.9%; Average loss: 3.1377  
Iteration: 358; Percent complete: 8.9%; Average loss: 2.7483  
Iteration: 359; Percent complete: 9.0%; Average loss: 2.7376  
Iteration: 360; Percent complete: 9.0%; Average loss: 2.7312  
Iteration: 361; Percent complete: 9.0%; Average loss: 2.7690  
Iteration: 362; Percent complete: 9.0%; Average loss: 2.8769  
Iteration: 363; Percent complete: 9.1%; Average loss: 2.8030  
Iteration: 364; Percent complete: 9.1%; Average loss: 3.1872  
Iteration: 365; Percent complete: 9.1%; Average loss: 2.7063  
Iteration: 366; Percent complete: 9.2%; Average loss: 2.6459

Iteration: 367; Percent complete: 9.2%; Average loss: 2.8342  
Iteration: 368; Percent complete: 9.2%; Average loss: 2.6981  
Iteration: 369; Percent complete: 9.2%; Average loss: 2.7765  
Iteration: 370; Percent complete: 9.2%; Average loss: 3.1160  
Iteration: 371; Percent complete: 9.3%; Average loss: 2.7720  
Iteration: 372; Percent complete: 9.3%; Average loss: 3.0058  
Iteration: 373; Percent complete: 9.3%; Average loss: 3.0210  
Iteration: 374; Percent complete: 9.3%; Average loss: 2.7970  
Iteration: 375; Percent complete: 9.4%; Average loss: 2.8050  
Iteration: 376; Percent complete: 9.4%; Average loss: 2.8804  
Iteration: 377; Percent complete: 9.4%; Average loss: 2.6457  
Iteration: 378; Percent complete: 9.4%; Average loss: 2.8852  
Iteration: 379; Percent complete: 9.5%; Average loss: 2.8657  
Iteration: 380; Percent complete: 9.5%; Average loss: 2.7743  
Iteration: 381; Percent complete: 9.5%; Average loss: 2.7120  
Iteration: 382; Percent complete: 9.6%; Average loss: 2.9247  
Iteration: 383; Percent complete: 9.6%; Average loss: 2.8667  
Iteration: 384; Percent complete: 9.6%; Average loss: 2.8062  
Iteration: 385; Percent complete: 9.6%; Average loss: 2.7838  
Iteration: 386; Percent complete: 9.7%; Average loss: 2.8549  
Iteration: 387; Percent complete: 9.7%; Average loss: 2.7535  
Iteration: 388; Percent complete: 9.7%; Average loss: 2.7582  
Iteration: 389; Percent complete: 9.7%; Average loss: 3.1905  
Iteration: 390; Percent complete: 9.8%; Average loss: 2.7641  
Iteration: 391; Percent complete: 9.8%; Average loss: 2.7599  
Iteration: 392; Percent complete: 9.8%; Average loss: 2.6637  
Iteration: 393; Percent complete: 9.8%; Average loss: 2.8113  
Iteration: 394; Percent complete: 9.8%; Average loss: 2.8997  
Iteration: 395; Percent complete: 9.9%; Average loss: 3.1347  
Iteration: 396; Percent complete: 9.9%; Average loss: 2.9536  
Iteration: 397; Percent complete: 9.9%; Average loss: 3.0096  
Iteration: 398; Percent complete: 10.0%; Average loss: 2.8378  
Iteration: 399; Percent complete: 10.0%; Average loss: 2.9394  
Iteration: 400; Percent complete: 10.0%; Average loss: 2.9091  
Iteration: 401; Percent complete: 10.0%; Average loss: 2.7428  
Iteration: 402; Percent complete: 10.1%; Average loss: 2.7031  
Iteration: 403; Percent complete: 10.1%; Average loss: 2.8428  
Iteration: 404; Percent complete: 10.1%; Average loss: 3.0670  
Iteration: 405; Percent complete: 10.1%; Average loss: 2.7444  
Iteration: 406; Percent complete: 10.2%; Average loss: 2.6580  
Iteration: 407; Percent complete: 10.2%; Average loss: 2.8536  
Iteration: 408; Percent complete: 10.2%; Average loss: 3.0086  
Iteration: 409; Percent complete: 10.2%; Average loss: 2.7006  
Iteration: 410; Percent complete: 10.2%; Average loss: 2.5551  
Iteration: 411; Percent complete: 10.3%; Average loss: 2.7002  
Iteration: 412; Percent complete: 10.3%; Average loss: 2.7802  
Iteration: 413; Percent complete: 10.3%; Average loss: 2.5682  
Iteration: 414; Percent complete: 10.3%; Average loss: 3.0266  
Iteration: 415; Percent complete: 10.4%; Average loss: 2.7513  
Iteration: 416; Percent complete: 10.4%; Average loss: 2.6411  
Iteration: 417; Percent complete: 10.4%; Average loss: 2.8419  
Iteration: 418; Percent complete: 10.4%; Average loss: 2.8874  
Iteration: 419; Percent complete: 10.5%; Average loss: 2.8989  
Iteration: 420; Percent complete: 10.5%; Average loss: 2.9487  
Iteration: 421; Percent complete: 10.5%; Average loss: 2.8268  
Iteration: 422; Percent complete: 10.5%; Average loss: 2.5718  
Iteration: 423; Percent complete: 10.6%; Average loss: 2.7782  
Iteration: 424; Percent complete: 10.6%; Average loss: 2.8469  
Iteration: 425; Percent complete: 10.6%; Average loss: 2.6761  
Iteration: 426; Percent complete: 10.7%; Average loss: 2.7005  
Iteration: 427; Percent complete: 10.7%; Average loss: 2.5261  
Iteration: 428; Percent complete: 10.7%; Average loss: 2.6609  
Iteration: 429; Percent complete: 10.7%; Average loss: 2.8596  
Iteration: 430; Percent complete: 10.8%; Average loss: 2.5060  
Iteration: 431; Percent complete: 10.8%; Average loss: 3.1731  
Iteration: 432; Percent complete: 10.8%; Average loss: 2.7839  
Iteration: 433; Percent complete: 10.8%; Average loss: 2.8433  
Iteration: 434; Percent complete: 10.8%; Average loss: 2.6644  
Iteration: 435; Percent complete: 10.9%; Average loss: 2.6446  
Iteration: 436; Percent complete: 10.9%; Average loss: 2.7725  
Iteration: 437; Percent complete: 10.9%; Average loss: 2.9841  
Iteration: 438; Percent complete: 10.9%; Average loss: 2.8497  
Iteration: 439; Percent complete: 11.0%; Average loss: 2.8153  
Iteration: 440; Percent complete: 11.0%; Average loss: 2.9374  
Iteration: 441; Percent complete: 11.0%; Average loss: 2.6347  
Iteration: 442; Percent complete: 11.1%; Average loss: 2.8941  
Iteration: 443; Percent complete: 11.1%; Average loss: 2.6792  
Iteration: 444; Percent complete: 11.1%; Average loss: 2.8294  
Iteration: 445; Percent complete: 11.1%; Average loss: 2.8121  
Iteration: 446; Percent complete: 11.2%; Average loss: 2.8430  
Iteration: 447; Percent complete: 11.2%; Average loss: 2.5581  
Iteration: 448; Percent complete: 11.2%; Average loss: 3.0171  
Iteration: 449; Percent complete: 11.2%; Average loss: 2.9108  
Iteration: 450; Percent complete: 11.2%; Average loss: 2.6358  
Iteration: 451; Percent complete: 11.3%; Average loss: 2.8305  
Iteration: 452; Percent complete: 11.3%; Average loss: 2.7528  
Iteration: 453; Percent complete: 11.3%; Average loss: 2.7128  
Iteration: 454; Percent complete: 11.3%; Average loss: 3.1666  
Iteration: 455; Percent complete: 11.4%; Average loss: 2.6807  
Iteration: 456; Percent complete: 11.4%; Average loss: 2.8537  
Iteration: 457; Percent complete: 11.4%; Average loss: 2.7314



Iteration: 458; Percent complete: 11.5%; Average loss: 2.8496  
Iteration: 459; Percent complete: 11.5%; Average loss: 2.8897  
Iteration: 460; Percent complete: 11.5%; Average loss: 2.7046  
Iteration: 461; Percent complete: 11.5%; Average loss: 2.7611  
Iteration: 462; Percent complete: 11.6%; Average loss: 2.7951  
Iteration: 463; Percent complete: 11.6%; Average loss: 3.0238  
Iteration: 464; Percent complete: 11.6%; Average loss: 2.6815  
Iteration: 465; Percent complete: 11.6%; Average loss: 2.9461  
Iteration: 466; Percent complete: 11.7%; Average loss: 2.8362  
Iteration: 467; Percent complete: 11.7%; Average loss: 2.7682  
Iteration: 468; Percent complete: 11.7%; Average loss: 2.7955  
Iteration: 469; Percent complete: 11.7%; Average loss: 2.7996  
Iteration: 470; Percent complete: 11.8%; Average loss: 2.6965  
Iteration: 471; Percent complete: 11.8%; Average loss: 2.6620  
Iteration: 472; Percent complete: 11.8%; Average loss: 2.7457  
Iteration: 473; Percent complete: 11.8%; Average loss: 2.8954  
Iteration: 474; Percent complete: 11.8%; Average loss: 2.7449  
Iteration: 475; Percent complete: 11.9%; Average loss: 2.7678  
Iteration: 476; Percent complete: 11.9%; Average loss: 2.7469  
Iteration: 477; Percent complete: 11.9%; Average loss: 3.0788  
Iteration: 478; Percent complete: 11.9%; Average loss: 2.5352  
Iteration: 479; Percent complete: 12.0%; Average loss: 2.8818  
Iteration: 480; Percent complete: 12.0%; Average loss: 2.7811  
Iteration: 481; Percent complete: 12.0%; Average loss: 2.8426  
Iteration: 482; Percent complete: 12.0%; Average loss: 2.8871  
Iteration: 483; Percent complete: 12.1%; Average loss: 2.5919  
Iteration: 484; Percent complete: 12.1%; Average loss: 3.0709  
Iteration: 485; Percent complete: 12.1%; Average loss: 2.9477  
Iteration: 486; Percent complete: 12.2%; Average loss: 2.8482  
Iteration: 487; Percent complete: 12.2%; Average loss: 2.7444  
Iteration: 488; Percent complete: 12.2%; Average loss: 2.6437  
Iteration: 489; Percent complete: 12.2%; Average loss: 2.7673  
Iteration: 490; Percent complete: 12.2%; Average loss: 3.0726  
Iteration: 491; Percent complete: 12.3%; Average loss: 2.7347  
Iteration: 492; Percent complete: 12.3%; Average loss: 2.6080  
Iteration: 493; Percent complete: 12.3%; Average loss: 2.7970  
Iteration: 494; Percent complete: 12.3%; Average loss: 2.7283  
Iteration: 495; Percent complete: 12.4%; Average loss: 2.6223  
Iteration: 496; Percent complete: 12.4%; Average loss: 2.6076  
Iteration: 497; Percent complete: 12.4%; Average loss: 3.0253  
Iteration: 498; Percent complete: 12.4%; Average loss: 3.0500  
Iteration: 499; Percent complete: 12.5%; Average loss: 2.6545  
Iteration: 500; Percent complete: 12.5%; Average loss: 2.8053  
Iteration: 501; Percent complete: 12.5%; Average loss: 2.8578  
Iteration: 502; Percent complete: 12.6%; Average loss: 2.7646  
Iteration: 503; Percent complete: 12.6%; Average loss: 2.9173  
Iteration: 504; Percent complete: 12.6%; Average loss: 2.8314  
Iteration: 505; Percent complete: 12.6%; Average loss: 2.6997  
Iteration: 506; Percent complete: 12.7%; Average loss: 2.6017  
Iteration: 507; Percent complete: 12.7%; Average loss: 2.8354  
Iteration: 508; Percent complete: 12.7%; Average loss: 3.1949  
Iteration: 509; Percent complete: 12.7%; Average loss: 2.8315  
Iteration: 510; Percent complete: 12.8%; Average loss: 2.5878  
Iteration: 511; Percent complete: 12.8%; Average loss: 2.8092  
Iteration: 512; Percent complete: 12.8%; Average loss: 3.0516  
Iteration: 513; Percent complete: 12.8%; Average loss: 2.8135  
Iteration: 514; Percent complete: 12.8%; Average loss: 2.6824  
Iteration: 515; Percent complete: 12.9%; Average loss: 2.8181  
Iteration: 516; Percent complete: 12.9%; Average loss: 2.7289  
Iteration: 517; Percent complete: 12.9%; Average loss: 2.7611  
Iteration: 518; Percent complete: 13.0%; Average loss: 2.7836  
Iteration: 519; Percent complete: 13.0%; Average loss: 2.7756  
Iteration: 520; Percent complete: 13.0%; Average loss: 3.0582  
Iteration: 521; Percent complete: 13.0%; Average loss: 2.8587  
Iteration: 522; Percent complete: 13.1%; Average loss: 2.6078  
Iteration: 523; Percent complete: 13.1%; Average loss: 2.7191  
Iteration: 524; Percent complete: 13.1%; Average loss: 2.7704  
Iteration: 525; Percent complete: 13.1%; Average loss: 2.5366  
Iteration: 526; Percent complete: 13.2%; Average loss: 2.9596  
Iteration: 527; Percent complete: 13.2%; Average loss: 2.7418  
Iteration: 528; Percent complete: 13.2%; Average loss: 2.7236  
Iteration: 529; Percent complete: 13.2%; Average loss: 2.5115  
Iteration: 530; Percent complete: 13.2%; Average loss: 2.7594  
Iteration: 531; Percent complete: 13.3%; Average loss: 2.8856  
Iteration: 532; Percent complete: 13.3%; Average loss: 2.9857  
Iteration: 533; Percent complete: 13.3%; Average loss: 2.8590  
Iteration: 534; Percent complete: 13.4%; Average loss: 2.5885  
Iteration: 535; Percent complete: 13.4%; Average loss: 2.5898  
Iteration: 536; Percent complete: 13.4%; Average loss: 2.8740  
Iteration: 537; Percent complete: 13.4%; Average loss: 2.7415  
Iteration: 538; Percent complete: 13.5%; Average loss: 2.8980  
Iteration: 539; Percent complete: 13.5%; Average loss: 2.7178  
Iteration: 540; Percent complete: 13.5%; Average loss: 2.9767  
Iteration: 541; Percent complete: 13.5%; Average loss: 2.9678  
Iteration: 542; Percent complete: 13.6%; Average loss: 2.4792  
Iteration: 543; Percent complete: 13.6%; Average loss: 2.9204  
Iteration: 544; Percent complete: 13.6%; Average loss: 2.5074  
Iteration: 545; Percent complete: 13.6%; Average loss: 2.6887  
Iteration: 546; Percent complete: 13.7%; Average loss: 2.8703  
Iteration: 547; Percent complete: 13.7%; Average loss: 2.7397  
Iteration: 548; Percent complete: 13.7%; Average loss: 2.6685

|                 |                   |        |               |        |
|-----------------|-------------------|--------|---------------|--------|
| Iteration: 549; | Percent complete: | 13.7%; | Average loss: | 2.7656 |
| Iteration: 550; | Percent complete: | 13.8%; | Average loss: | 2.7143 |
| Iteration: 551; | Percent complete: | 13.8%; | Average loss: | 2.9250 |
| Iteration: 552; | Percent complete: | 13.8%; | Average loss: | 2.8146 |
| Iteration: 553; | Percent complete: | 13.8%; | Average loss: | 2.7860 |
| Iteration: 554; | Percent complete: | 13.9%; | Average loss: | 2.6119 |
| Iteration: 555; | Percent complete: | 13.9%; | Average loss: | 2.6783 |
| Iteration: 556; | Percent complete: | 13.9%; | Average loss: | 2.2735 |
| Iteration: 557; | Percent complete: | 13.9%; | Average loss: | 2.6652 |
| Iteration: 558; | Percent complete: | 14.0%; | Average loss: | 2.7514 |
| Iteration: 559; | Percent complete: | 14.0%; | Average loss: | 2.8350 |
| Iteration: 560; | Percent complete: | 14.0%; | Average loss: | 2.7176 |
| Iteration: 561; | Percent complete: | 14.0%; | Average loss: | 2.6213 |
| Iteration: 562; | Percent complete: | 14.1%; | Average loss: | 2.7798 |
| Iteration: 563; | Percent complete: | 14.1%; | Average loss: | 2.8002 |
| Iteration: 564; | Percent complete: | 14.1%; | Average loss: | 2.5647 |
| Iteration: 565; | Percent complete: | 14.1%; | Average loss: | 2.7842 |
| Iteration: 566; | Percent complete: | 14.1%; | Average loss: | 2.7891 |
| Iteration: 567; | Percent complete: | 14.2%; | Average loss: | 2.9090 |
| Iteration: 568; | Percent complete: | 14.2%; | Average loss: | 2.5691 |
| Iteration: 569; | Percent complete: | 14.2%; | Average loss: | 2.6703 |
| Iteration: 570; | Percent complete: | 14.2%; | Average loss: | 2.8567 |
| Iteration: 571; | Percent complete: | 14.3%; | Average loss: | 2.8929 |
| Iteration: 572; | Percent complete: | 14.3%; | Average loss: | 2.4687 |
| Iteration: 573; | Percent complete: | 14.3%; | Average loss: | 2.8649 |
| Iteration: 574; | Percent complete: | 14.3%; | Average loss: | 2.7805 |
| Iteration: 575; | Percent complete: | 14.4%; | Average loss: | 2.4296 |
| Iteration: 576; | Percent complete: | 14.4%; | Average loss: | 2.8023 |
| Iteration: 577; | Percent complete: | 14.4%; | Average loss: | 2.6866 |
| Iteration: 578; | Percent complete: | 14.4%; | Average loss: | 2.7967 |
| Iteration: 579; | Percent complete: | 14.5%; | Average loss: | 2.7256 |
| Iteration: 580; | Percent complete: | 14.5%; | Average loss: | 2.9925 |
| Iteration: 581; | Percent complete: | 14.5%; | Average loss: | 2.6448 |
| Iteration: 582; | Percent complete: | 14.5%; | Average loss: | 2.7172 |
| Iteration: 583; | Percent complete: | 14.6%; | Average loss: | 2.6845 |
| Iteration: 584; | Percent complete: | 14.6%; | Average loss: | 2.8778 |
| Iteration: 585; | Percent complete: | 14.6%; | Average loss: | 2.7916 |
| Iteration: 586; | Percent complete: | 14.6%; | Average loss: | 3.0468 |
| Iteration: 587; | Percent complete: | 14.7%; | Average loss: | 2.7682 |
| Iteration: 588; | Percent complete: | 14.7%; | Average loss: | 2.6065 |
| Iteration: 589; | Percent complete: | 14.7%; | Average loss: | 2.6100 |
| Iteration: 590; | Percent complete: | 14.8%; | Average loss: | 2.7587 |
| Iteration: 591; | Percent complete: | 14.8%; | Average loss: | 2.8343 |
| Iteration: 592; | Percent complete: | 14.8%; | Average loss: | 2.7828 |
| Iteration: 593; | Percent complete: | 14.8%; | Average loss: | 2.6210 |
| Iteration: 594; | Percent complete: | 14.8%; | Average loss: | 2.6569 |
| Iteration: 595; | Percent complete: | 14.9%; | Average loss: | 2.7590 |
| Iteration: 596; | Percent complete: | 14.9%; | Average loss: | 3.0199 |
| Iteration: 597; | Percent complete: | 14.9%; | Average loss: | 2.7195 |
| Iteration: 598; | Percent complete: | 14.9%; | Average loss: | 2.8750 |
| Iteration: 599; | Percent complete: | 15.0%; | Average loss: | 2.9078 |
| Iteration: 600; | Percent complete: | 15.0%; | Average loss: | 2.7021 |
| Iteration: 601; | Percent complete: | 15.0%; | Average loss: | 2.8939 |
| Iteration: 602; | Percent complete: | 15.0%; | Average loss: | 2.7414 |
| Iteration: 603; | Percent complete: | 15.1%; | Average loss: | 2.7885 |
| Iteration: 604; | Percent complete: | 15.1%; | Average loss: | 2.5809 |
| Iteration: 605; | Percent complete: | 15.1%; | Average loss: | 2.5799 |
| Iteration: 606; | Percent complete: | 15.2%; | Average loss: | 2.6963 |
| Iteration: 607; | Percent complete: | 15.2%; | Average loss: | 2.7562 |
| Iteration: 608; | Percent complete: | 15.2%; | Average loss: | 2.9727 |
| Iteration: 609; | Percent complete: | 15.2%; | Average loss: | 2.8170 |
| Iteration: 610; | Percent complete: | 15.2%; | Average loss: | 2.8066 |
| Iteration: 611; | Percent complete: | 15.3%; | Average loss: | 2.6529 |
| Iteration: 612; | Percent complete: | 15.3%; | Average loss: | 2.5046 |
| Iteration: 613; | Percent complete: | 15.3%; | Average loss: | 2.7167 |
| Iteration: 614; | Percent complete: | 15.3%; | Average loss: | 2.6222 |
| Iteration: 615; | Percent complete: | 15.4%; | Average loss: | 2.9438 |
| Iteration: 616; | Percent complete: | 15.4%; | Average loss: | 2.8411 |
| Iteration: 617; | Percent complete: | 15.4%; | Average loss: | 2.7908 |
| Iteration: 618; | Percent complete: | 15.4%; | Average loss: | 2.7327 |
| Iteration: 619; | Percent complete: | 15.5%; | Average loss: | 2.5953 |
| Iteration: 620; | Percent complete: | 15.5%; | Average loss: | 2.9909 |
| Iteration: 621; | Percent complete: | 15.5%; | Average loss: | 2.7592 |
| Iteration: 622; | Percent complete: | 15.6%; | Average loss: | 2.7011 |
| Iteration: 623; | Percent complete: | 15.6%; | Average loss: | 2.7031 |
| Iteration: 624; | Percent complete: | 15.6%; | Average loss: | 2.7650 |
| Iteration: 625; | Percent complete: | 15.6%; | Average loss: | 2.8285 |
| Iteration: 626; | Percent complete: | 15.7%; | Average loss: | 2.5051 |
| Iteration: 627; | Percent complete: | 15.7%; | Average loss: | 2.5486 |
| Iteration: 628; | Percent complete: | 15.7%; | Average loss: | 2.6895 |
| Iteration: 629; | Percent complete: | 15.7%; | Average loss: | 2.9105 |
| Iteration: 630; | Percent complete: | 15.8%; | Average loss: | 2.685  |

Iteration: 640; Percent complete: 16.0%; Average loss: 2.5108  
Iteration: 641; Percent complete: 16.0%; Average loss: 2.5999  
Iteration: 642; Percent complete: 16.1%; Average loss: 2.7112  
Iteration: 643; Percent complete: 16.1%; Average loss: 2.7794  
Iteration: 644; Percent complete: 16.1%; Average loss: 2.8473  
Iteration: 645; Percent complete: 16.1%; Average loss: 2.8537  
Iteration: 646; Percent complete: 16.2%; Average loss: 3.0521  
Iteration: 647; Percent complete: 16.2%; Average loss: 2.7560  
Iteration: 648; Percent complete: 16.2%; Average loss: 2.6639  
Iteration: 649; Percent complete: 16.2%; Average loss: 2.6793  
Iteration: 650; Percent complete: 16.2%; Average loss: 3.0110  
Iteration: 651; Percent complete: 16.3%; Average loss: 2.8424  
Iteration: 652; Percent complete: 16.3%; Average loss: 2.8116  
Iteration: 653; Percent complete: 16.3%; Average loss: 2.6526  
Iteration: 654; Percent complete: 16.4%; Average loss: 2.7837  
Iteration: 655; Percent complete: 16.4%; Average loss: 2.8312  
Iteration: 656; Percent complete: 16.4%; Average loss: 2.6805  
Iteration: 657; Percent complete: 16.4%; Average loss: 2.7879  
Iteration: 658; Percent complete: 16.4%; Average loss: 2.6225  
Iteration: 659; Percent complete: 16.5%; Average loss: 2.8275  
Iteration: 660; Percent complete: 16.5%; Average loss: 2.5035  
Iteration: 661; Percent complete: 16.5%; Average loss: 2.4112  
Iteration: 662; Percent complete: 16.6%; Average loss: 2.6588  
Iteration: 663; Percent complete: 16.6%; Average loss: 2.4911  
Iteration: 664; Percent complete: 16.6%; Average loss: 2.7990  
Iteration: 665; Percent complete: 16.6%; Average loss: 2.4381  
Iteration: 666; Percent complete: 16.7%; Average loss: 2.8282  
Iteration: 667; Percent complete: 16.7%; Average loss: 2.7760  
Iteration: 668; Percent complete: 16.7%; Average loss: 2.9227  
Iteration: 669; Percent complete: 16.7%; Average loss: 2.6856  
Iteration: 670; Percent complete: 16.8%; Average loss: 2.8196  
Iteration: 671; Percent complete: 16.8%; Average loss: 2.8524  
Iteration: 672; Percent complete: 16.8%; Average loss: 2.5518  
Iteration: 673; Percent complete: 16.8%; Average loss: 2.8360  
Iteration: 674; Percent complete: 16.9%; Average loss: 2.8574  
Iteration: 675; Percent complete: 16.9%; Average loss: 2.7596  
Iteration: 676; Percent complete: 16.9%; Average loss: 2.7226  
Iteration: 677; Percent complete: 16.9%; Average loss: 2.7995  
Iteration: 678; Percent complete: 17.0%; Average loss: 2.5028  
Iteration: 679; Percent complete: 17.0%; Average loss: 2.6473  
Iteration: 680; Percent complete: 17.0%; Average loss: 2.4894  
Iteration: 681; Percent complete: 17.0%; Average loss: 3.0294  
Iteration: 682; Percent complete: 17.1%; Average loss: 2.6779  
Iteration: 683; Percent complete: 17.1%; Average loss: 2.9288  
Iteration: 684; Percent complete: 17.1%; Average loss: 2.8871  
Iteration: 685; Percent complete: 17.1%; Average loss: 2.8242  
Iteration: 686; Percent complete: 17.2%; Average loss: 2.7014  
Iteration: 687; Percent complete: 17.2%; Average loss: 2.9075  
Iteration: 688; Percent complete: 17.2%; Average loss: 2.7469  
Iteration: 689; Percent complete: 17.2%; Average loss: 2.6486  
Iteration: 690; Percent complete: 17.2%; Average loss: 2.9525  
Iteration: 691; Percent complete: 17.3%; Average loss: 2.5681  
Iteration: 692; Percent complete: 17.3%; Average loss: 2.6687  
Iteration: 693; Percent complete: 17.3%; Average loss: 2.8810  
Iteration: 694; Percent complete: 17.3%; Average loss: 2.9052  
Iteration: 695; Percent complete: 17.4%; Average loss: 2.7123  
Iteration: 696; Percent complete: 17.4%; Average loss: 2.7228  
Iteration: 697; Percent complete: 17.4%; Average loss: 2.5608  
Iteration: 698; Percent complete: 17.4%; Average loss: 3.1320  
Iteration: 699; Percent complete: 17.5%; Average loss: 2.8647  
Iteration: 700; Percent complete: 17.5%; Average loss: 2.7421  
Iteration: 701; Percent complete: 17.5%; Average loss: 2.4712  
Iteration: 702; Percent complete: 17.5%; Average loss: 2.7941  
Iteration: 703; Percent complete: 17.6%; Average loss: 2.6044  
Iteration: 704; Percent complete: 17.6%; Average loss: 2.4542  
Iteration: 705; Percent complete: 17.6%; Average loss: 2.5863  
Iteration: 706; Percent complete: 17.6%; Average loss: 2.8369  
Iteration: 707; Percent complete: 17.7%; Average loss: 2.7830  
Iteration: 708; Percent complete: 17.7%; Average loss: 2.5846  
Iteration: 709; Percent complete: 17.7%; Average loss: 2.6954  
Iteration: 710; Percent complete: 17.8%; Average loss: 2.9672  
Iteration: 711; Percent complete: 17.8%; Average loss: 2.6744  
Iteration: 712; Percent complete: 17.8%; Average loss: 2.8271  
Iteration: 713; Percent complete: 17.8%; Average loss: 2.5114  
Iteration: 714; Percent complete: 17.8%; Average loss: 2.4848  
Iteration: 715; Percent complete: 17.9%; Average loss: 2.7284  
Iteration: 716; Percent complete: 17.9%; Average loss: 2.7493  
Iteration: 717; Percent complete: 17.9%; Average loss: 2.9118  
Iteration: 718; Percent complete: 17.9%; Average loss: 2.6922  
Iteration: 719; Percent complete: 18.0%; Average loss: 2.9156  
Iteration: 720; Percent complete: 18.0%; Average loss: 2.6630  
Iteration: 721; Percent complete: 18.0%; Average loss: 2.8014  
Iteration: 722; Percent complete: 18.1%; Average loss: 2.7815  
Iteration: 723; Percent complete: 18.1%; Average loss: 2.7940  
Iteration: 724; Percent complete: 18.1%; Average loss: 2.6960  
Iteration: 725; Percent complete: 18.1%; Average loss: 2.5234  
Iteration: 726; Percent complete: 18.1%; Average loss: 2.6443  
Iteration: 727; Percent complete: 18.2%; Average loss: 2.9562  
Iteration: 728; Percent complete: 18.2%; Average loss: 2.8999  
Iteration: 729; Percent complete: 18.2%; Average loss: 3.0659  
Iteration: 730; Percent complete: 18.2%; Average loss: 2.7750  
Iteration: 731; Percent complete: 18.3%; Average loss: 2.7728

[illegible]

[illegible]

|                 |                   |        |               |        |
|-----------------|-------------------|--------|---------------|--------|
| Iteration: 914; | Percent complete: | 22.9%; | Average loss: | 2.6754 |
| Iteration: 915; | Percent complete: | 22.9%; | Average loss: | 2.5715 |
| Iteration: 916; | Percent complete: | 22.9%; | Average loss: | 2.5914 |
| Iteration: 917; | Percent complete: | 22.9%; | Average loss: | 2.9701 |
| Iteration: 918; | Percent complete: | 22.9%; | Average loss: | 2.5943 |
| Iteration: 919; | Percent complete: | 23.0%; | Average loss: | 2.6950 |
| Iteration: 920; | Percent complete: | 23.0%; | Average loss: | 2.5433 |
| Iteration: 921; | Percent complete: | 23.0%; | Average loss: | 2.5340 |
| Iteration: 922; | Percent complete: | 23.1%; | Average loss: | 2.8368 |
| Iteration: 923; | Percent complete: | 23.1%; | Average loss: | 2.7002 |
| Iteration: 924; | Percent complete: | 23.1%; | Average loss: | 2.4596 |
| Iteration: 925; | Percent complete: | 23.1%; | Average loss: | 2.5451 |
| Iteration: 926; | Percent complete: | 23.2%; | Average loss: | 2.6167 |
| Iteration: 927; | Percent complete: | 23.2%; | Average loss: | 2.6677 |
| Iteration: 928; | Percent complete: | 23.2%; | Average loss: | 2.7458 |
| Iteration: 929; | Percent complete: | 23.2%; | Average loss: | 2.5457 |
| Iteration: 930; | Percent complete: | 23.2%; | Average loss: | 2.4062 |
| Iteration: 931; | Percent complete: | 23.3%; | Average loss: | 2.6835 |
| Iteration: 932; | Percent complete: | 23.3%; | Average loss: | 2.5913 |
| Iteration: 933; | Percent complete: | 23.3%; | Average loss: | 2.9045 |
| Iteration: 934; | Percent complete: | 23.4%; | Average loss: | 2.6504 |
| Iteration: 935; | Percent complete: | 23.4%; | Average loss: | 2.4645 |
| Iteration: 936; | Percent complete: | 23.4%; | Average loss: | 2.7194 |
| Iteration: 937; | Percent complete: | 23.4%; | Average loss: | 2.6128 |
| Iteration: 938; | Percent complete: | 23.4%; | Average loss: | 2.6095 |
| Iteration: 939; | Percent complete: | 23.5%; | Average loss: | 2.6657 |
| Iteration: 940; | Percent complete: | 23.5%; | Average loss: | 2.8300 |
| Iteration: 941; | Percent complete: | 23.5%; | Average loss: | 2.5334 |
| Iteration: 942; | Percent complete: | 23.5%; | Average loss: | 2.8218 |
| Iteration: 943; | Percent complete: | 23.6%; | Average loss: | 2.5802 |
| Iteration: 944; | Percent complete: | 23.6%; | Average loss: | 2.6405 |
| Iteration: 945; | Percent complete: | 23.6%; | Average loss: | 2.7817 |
| Iteration: 946; | Percent complete: | 23.6%; | Average loss: | 2.3203 |
| Iteration: 947; | Percent complete: | 23.7%; | Average loss: | 2.7066 |
| Iteration: 948; | Percent complete: | 23.7%; | Average loss: | 2.5879 |
| Iteration: 949; | Percent complete: | 23.7%; | Average loss: | 2.4539 |
| Iteration: 950; | Percent complete: | 23.8%; | Average loss: | 2.6246 |
| Iteration: 951; | Percent complete: | 23.8%; | Average loss: | 2.5259 |
| Iteration: 952; | Percent complete: | 23.8%; | Average loss: | 2.6423 |
| Iteration: 953; | Percent complete: | 23.8%; | Average loss: | 2.6539 |
| Iteration: 954; | Percent complete: | 23.8%; | Average loss: | 2.8164 |
| Iteration: 955; | Percent complete: | 23.9%; | Average loss: | 2.3637 |
| Iteration: 956; | Percent complete: | 23.9%; | Average loss: | 2.7459 |
| Iteration: 957; | Percent complete: | 23.9%; | Average loss: | 2.6835 |
| Iteration: 958; | Percent complete: | 23.9%; | Average loss: | 2.7768 |
| Iteration: 959; | Percent complete: | 24.0%; | Average loss: | 2.6673 |
| Iteration: 960; | Percent complete: | 24.0%; | Average loss: | 2.7065 |
| Iteration: 961; | Percent complete: | 24.0%; | Average loss: | 2.5925 |
| Iteration: 962; | Percent complete: | 24.1%; | Average loss: | 2.5798 |
| Iteration: 963; | Percent complete: | 24.1%; | Average loss: | 2.5588 |
| Iteration: 964; | Percent complete: | 24.1%; | Average loss: | 2.5916 |
| Iteration: 965; | Percent complete: | 24.1%; | Average loss: | 2.5286 |
| Iteration: 966; | Percent complete: | 24.1%; | Average loss: | 2.5754 |
| Iteration: 967; | Percent complete: | 24.2%; | Average loss: | 2.7349 |
| Iteration: 968; | Percent complete: | 24.2%; | Average loss: | 2.4887 |
| Iteration: 969; | Percent complete: | 24.2%; | Average loss: | 2.6100 |
| Iteration: 970; | Percent complete: | 24.2%; | Average loss: | 2.2627 |
| Iteration: 971; | Percent complete: | 24.3%; | Average loss: | 2.6884 |
| Iteration: 972; | Percent complete: | 24.3%; | Average loss: | 2.7845 |
| Iteration: 973; | Percent complete: | 24.3%; | Average loss: | 2.5493 |
| Iteration: 974; | Percent complete: | 24.3%; | Average loss: | 2.6845 |
| Iteration: 975; | Percent complete: | 24.4%; | Average loss: | 2.4098 |
| Iteration: 976; | Percent complete: | 24.4%; | Average loss: | 2.5373 |
| Iteration: 977; | Percent complete: | 24.4%; | Average loss: | 2.5657 |
| Iteration: 978; | Percent complete: | 24.4%; | Average loss: | 2.3352 |
| Iteration: 979; | Percent complete: | 24.5%; | Average loss: | 2.7093 |
| Iteration: 980; | Percent complete: | 24.5%; | Average loss: | 2.6721 |
| Iteration: 981; | Percent complete: | 24.5%; | Average loss: | 2.6153 |
| Iteration: 982; | Percent complete: | 24.6%; | Average loss: | 2.5992 |
| Iteration: 983; | Percent complete: | 24.6%; | Average loss: | 2.6882 |
| Iteration: 984; | Percent complete: | 24.6%; | Average loss: | 2.7601 |
| Iteration: 985; | Percent complete: | 24.6%; | Average loss: | 2.6769 |
| Iteration: 986; | Percent complete: | 24.6%; | Average loss: | 2.4358 |
| Iteration: 987; | Percent complete: | 24.7%; | Average loss: | 2.5337 |
| Iteration: 988; | Percent complete: | 24.7%; | Average loss: | 2.4630 |
| Iteration: 989; | Percent complete: | 24.7%; | Average loss: | 2.4528 |
| Iteration: 990; | Percent complete: | 24.8%; | Average loss: | 2.3130 |
| Iteration: 991; | Percent complete: | 24.8%; | Average loss: | 2.4848 |
| Iteration: 992; | Percent complete: | 24.8%; | Average loss: | 2.4959 |
| Iteration: 993; | Percent complete: | 24.8%; | Average loss: | 2.6215 |
| Iteration: 994; | Percent complete: | 24.9%; | Average loss: | 2.4649 |
| Iteration: 995; | Percent complete: | 24.9%; | Average loss: | 2.315  |

|            |       |         |           |        |         |       |       |
|------------|-------|---------|-----------|--------|---------|-------|-------|
| Iteration: | 1003; | Percent | complete: | 25.1%; | Average | loss: | 2.736 |
| Iteration: | 1006; | Percent | complete: | 25.1%; | Average | loss: | 2.696 |
| Iteration: | 1007; | Percent | complete: | 25.2%; | Average | loss: | 2.531 |
| Iteration: | 1008; | Percent | complete: | 25.2%; | Average | loss: | 2.703 |
| Iteration: | 1009; | Percent | complete: | 25.2%; | Average | loss: | 2.588 |
| Iteration: | 1010; | Percent | complete: | 25.2%; | Average | loss: | 2.963 |
| Iteration: | 1011; | Percent | complete: | 25.3%; | Average | loss: | 2.495 |
| Iteration: | 1012; | Percent | complete: | 25.3%; | Average | loss: | 2.808 |
| Iteration: | 1013; | Percent | complete: | 25.3%; | Average | loss: | 2.784 |
| Iteration: | 1014; | Percent | complete: | 25.4%; | Average | loss: | 2.311 |
| Iteration: | 1015; | Percent | complete: | 25.4%; | Average | loss: | 2.679 |
| Iteration: | 1016; | Percent | complete: | 25.4%; | Average | loss: | 2.590 |
| Iteration: | 1017; | Percent | complete: | 25.4%; | Average | loss: | 2.441 |
| Iteration: | 1018; | Percent | complete: | 25.4%; | Average | loss: | 2.627 |
| Iteration: | 1019; | Percent | complete: | 25.5%; | Average | loss: | 2.861 |
| Iteration: | 1020; | Percent | complete: | 25.5%; | Average | loss: | 2.701 |
| Iteration: | 1021; | Percent | complete: | 25.5%; | Average | loss: | 2.470 |
| Iteration: | 1022; | Percent | complete: | 25.6%; | Average | loss: | 2.566 |
| Iteration: | 1023; | Percent | complete: | 25.6%; | Average | loss: | 2.762 |
| Iteration: | 1024; | Percent | complete: | 25.6%; | Average | loss: | 2.803 |
| Iteration: | 1025; | Percent | complete: | 25.6%; | Average | loss: | 2.421 |
| Iteration: | 1026; | Percent | complete: | 25.7%; | Average | loss: | 2.656 |
| Iteration: | 1027; | Percent | complete: | 25.7%; | Average | loss: | 2.610 |
| Iteration: | 1028; | Percent | complete: | 25.7%; | Average | loss: | 2.567 |
| Iteration: | 1029; | Percent | complete: | 25.7%; | Average | loss: | 2.440 |
| Iteration: | 1030; | Percent | complete: | 25.8%; | Average | loss: | 2.490 |
| Iteration: | 1031; | Percent | complete: | 25.8%; | Average | loss: | 2.906 |
| Iteration: | 1032; | Percent | complete: | 25.8%; | Average | loss: | 2.848 |
| Iteration: | 1033; | Percent | complete: | 25.8%; | Average | loss: | 2.716 |
| Iteration: | 1034; | Percent | complete: | 25.9%; | Average | loss: | 2.725 |
| Iteration: | 1035; | Percent | complete: | 25.9%; | Average | loss: | 2.702 |
| Iteration: | 1036; | Percent | complete: | 25.9%; | Average | loss: | 2.675 |
| Iteration: | 1037; | Percent | complete: | 25.9%; | Average | loss: | 2.715 |
| Iteration: | 1038; | Percent | complete: | 25.9%; | Average | loss: | 2.677 |
| Iteration: | 1039; | Percent | complete: | 26.0%; | Average | loss: | 2.594 |
| Iteration: | 1040; | Percent | complete: | 26.0%; | Average | loss: | 2.442 |
| Iteration: | 1041; | Percent | complete: | 26.0%; | Average | loss: | 2.703 |
| Iteration: | 1042; | Percent | complete: | 26.1%; | Average | loss: | 2.731 |
| Iteration: | 1043; | Percent | complete: | 26.1%; | Average | loss: | 2.650 |
| Iteration: | 1044; | Percent | complete: | 26.1%; | Average | loss: | 2.778 |
| Iteration: | 1045; | Percent | complete: | 26.1%; | Average | loss: | 2.556 |
| Iteration: | 1046; | Percent | complete: | 26.2%; | Average | loss: | 2.545 |
| Iteration: | 1047; | Percent | complete: | 26.2%; | Average | loss: | 2.516 |
| Iteration: | 1048; | Percent | complete: | 26.2%; | Average | loss: | 2.743 |
| Iteration: | 1049; | Percent | complete: | 26.2%; | Average | loss: | 2.358 |
| Iteration: | 1050; | Percent | complete: | 26.2%; | Average | loss: | 2.440 |
| Iteration: | 1051; | Percent | complete: | 26.3%; | Average | loss: | 2.533 |
| Iteration: | 1052; | Percent | complete: | 26.3%; | Average | loss: | 2.338 |
| Iteration: | 1053; | Percent | complete: | 26.3%; | Average | loss: | 2.518 |
| Iteration: | 1054; | Percent | complete: | 26.4%; | Average | loss: | 2.202 |
| Iteration: | 1055; | Percent | complete: | 26.4%; | Average | loss: | 2.800 |
| Iteration: | 1056; | Percent | complete: | 26.4%; | Average | loss: | 2.930 |
| Iteration: | 1057; | Percent | complete: | 26.4%; | Average | loss: | 2.665 |
| Iteration: | 1058; | Percent | complete: | 26.5%; | Average | loss: | 2.426 |
| Iteration: | 1059; | Percent | complete: | 26.5%; | Average | loss: | 2.431 |
| Iteration: | 1060; | Percent | complete: | 26.5%; | Average | loss: | 2.632 |
| Iteration: | 1061; | Percent | complete: | 26.5%; | Average | loss: | 2.441 |
| Iteration: | 1062; | Percent | complete: | 26.6%; | Average | loss: | 2.654 |
| Iteration: | 1063; | Percent | complete: | 26.6%; | Average | loss: | 2.728 |
| Iteration: | 1064; | Percent | complete: | 26.6%; | Average | loss: | 2.631 |
| Iteration: | 1065; | Percent | complete: | 26.6%; | Average | loss: | 2.595 |
| Iteration: | 1066; | Percent | complete: | 26.7%; | Average | loss: | 3.055 |
| Iteration: | 1067; | Percent | complete: | 26.7%; | Average | loss: | 2.604 |
| Iteration: | 1068; | Percent | complete: | 26.7%; | Average | loss: | 2.730 |
| Iteration: | 1069; | Percent | complete: | 26.7%; | Average | loss: | 2.663 |







Iteration: 1279; Percent complete: 32.0%; Average loss: 2.3419  
Iteration: 1280; Percent complete: 32.0%; Average loss: 2.5098  
Iteration: 1281; Percent complete: 32.0%; Average loss: 2.6207  
Iteration: 1282; Percent complete: 32.0%; Average loss: 2.6171  
Iteration: 1283; Percent complete: 32.1%; Average loss: 2.6794  
Iteration: 1284; Percent complete: 32.1%; Average loss: 2.6757  
Iteration: 1285; Percent complete: 32.1%; Average loss: 2.3144  
Iteration: 1286; Percent complete: 32.1%; Average loss: 2.3998  
Iteration: 1287; Percent complete: 32.2%; Average loss: 2.3516  
Iteration: 1288; Percent complete: 32.2%; Average loss: 2.5107  
Iteration: 1289; Percent complete: 32.2%; Average loss: 2.7318  
Iteration: 1290; Percent complete: 32.2%; Average loss: 2.5657  
Iteration: 1291; Percent complete: 32.3%; Average loss: 2.9269  
Iteration: 1292; Percent complete: 32.3%; Average loss: 2.3421  
Iteration: 1293; Percent complete: 32.3%; Average loss: 2.4068  
Iteration: 1294; Percent complete: 32.4%; Average loss: 2.5573  
Iteration: 1295; Percent complete: 32.4%; Average loss: 2.4751  
Iteration: 1296; Percent complete: 32.4%; Average loss: 2.9145  
Iteration: 1297; Percent complete: 32.4%; Average loss: 2.5049  
Iteration: 1298; Percent complete: 32.5%; Average loss: 2.4993  
Iteration: 1299; Percent complete: 32.5%; Average loss: 2.4596  
Iteration: 1300; Percent complete: 32.5%; Average loss: 2.4562  
Iteration: 1301; Percent complete: 32.5%; Average loss: 2.7275  
Iteration: 1302; Percent complete: 32.6%; Average loss: 2.4591  
Iteration: 1303; Percent complete: 32.6%; Average loss: 2.6504  
Iteration: 1304; Percent complete: 32.6%; Average loss: 2.4751  
Iteration: 1305; Percent complete: 32.6%; Average loss: 2.6000  
Iteration: 1306; Percent complete: 32.6%; Average loss: 2.3899  
Iteration: 1307; Percent complete: 32.7%; Average loss: 2.4559  
Iteration: 1308; Percent complete: 32.7%; Average loss: 2.7015  
Iteration: 1309; Percent complete: 32.7%; Average loss: 2.5156  
Iteration: 1310; Percent complete: 32.8%; Average loss: 2.4801  
Iteration: 1311; Percent complete: 32.8%; Average loss: 2.5876  
Iteration: 1312; Percent complete: 32.8%; Average loss: 2.5123  
Iteration: 1313; Percent complete: 32.8%; Average loss: 2.4864  
Iteration: 1314; Percent complete: 32.9%; Average loss: 2.5439  
Iteration: 1315; Percent complete: 32.9%; Average loss: 2.3570  
Iteration: 1316; Percent complete: 32.9%; Average loss: 2.7505  
Iteration: 1317; Percent complete: 32.9%; Average loss: 2.3386  
Iteration: 1318; Percent complete: 33.0%; Average loss: 2.3876  
Iteration: 1319; Percent complete: 33.0%; Average loss: 2.5687  
Iteration: 1320; Percent complete: 33.0%; Average loss: 2.3006  
Iteration: 1321; Percent complete: 33.0%; Average loss: 2.4637  
Iteration: 1322; Percent complete: 33.1%; Average loss: 2.3762  
Iteration: 1323; Percent complete: 33.1%; Average loss: 2.5094  
Iteration: 1324; Percent complete: 33.1%; Average loss: 2.2516  
Iteration: 1325; Percent complete: 33.1%; Average loss: 2.4998  
Iteration: 1326; Percent complete: 33.1%; Average loss: 2.6062  
Iteration: 1327; Percent complete: 33.2%; Average loss: 2.5164  
Iteration: 1328; Percent complete: 33.2%; Average loss: 2.5666  
Iteration: 1329; Percent complete: 33.2%; Average loss: 2.4903  
Iteration: 1330; Percent complete: 33.2%; Average loss: 2.1890  
Iteration: 1331; Percent complete: 33.3%; Average loss: 2.3176  
Iteration: 1332; Percent complete: 33.3%; Average loss: 2.7508  
Iteration: 1333; Percent complete: 33.3%; Average loss: 2.2321  
Iteration: 1334; Percent complete: 33.4%; Average loss: 2.6832  
Iteration: 1335; Percent complete: 33.4%; Average loss: 2.5978  
Iteration: 1336; Percent complete: 33.4%; Average loss: 2.6446  
Iteration: 1337; Percent complete: 33.4%; Average loss: 2.4492  
Iteration: 1338; Percent complete: 33.5%; Average loss: 2.6004  
Iteration: 1339; Percent complete: 33.5%; Average loss: 2.3691  
Iteration: 1340; Percent complete: 33.5%; Average loss: 2.4695  
Iteration: 1341; Percent complete: 33.5%; Average loss: 2.5168  
Iteration: 1342; Percent complete: 33.6%; Average loss: 2.4497  
Iteration: 1343; Percent complete: 33.6%; Average loss: 2.6261  
Iteration: 1344; Percent complete: 33.6%; Average loss: 2.2269  
Iteration: 1345; Percent complete: 33.6%; Average loss: 2.5540  
Iteration: 1346; Percent complete: 33.7%; Average loss: 2.2669  
Iteration: 1347; Percent complete: 33.7%; Average loss: 2.4319  
Iteration: 1348; Percent complete: 33.7%; Average loss: 2.4496  
Iteration: 1349; Percent complete: 33.7%; Average loss: 2.4865  
Iteration: 1350; Percent complete: 33.8%; Average loss: 2.4607  
Iteration: 1351; Percent complete: 33.8%; Average loss: 2.4334  
Iteration: 1352; Percent complete: 33.8%; Average loss: 2.3265  
Iteration: 1353; Percent complete: 33.8%; Average loss: 2.3919  
Iteration: 1354; Percent complete: 33.9%; Average loss: 2.4997  
Iteration: 1355; Percent complete: 33.9%; Average loss: 2.4924  
Iteration: 1356; Percent complete: 33.9%; Average loss: 2.5520  
Iteration: 1357; Percent complete: 33.9%; Average loss: 2.3984  
Iteration: 1358; Percent complete: 34.0%; Average loss: 2.4279  
Iteration: 1359; Percent complete: 34.0%; Average loss: 2.2782  
Iteration: 1360; Percent complete: 34.0%; Average loss: 2.3076  
Iteration: 1361; Percent complete: 34.0%; Average loss: 2.3609  
Iteration: 1362; Percent complete: 34.1%; Average loss: 2.5462  
Iteration: 1363; Percent complete: 34.1%; Average loss: 2.7842  
Iteration: 1364; Percent complete: 34.1%; Average loss: 2.5772  
Iteration: 1365; Percent complete: 34.1%; Average loss: 2.4730  
Iteration: 1366; Percent complete: 34.2%; Average loss: 2.2107  
Iteration: 1367; Percent complete: 34.2%; Average loss: 2.4439  
Iteration: 1368; Percent complete: 34.2%; Average loss: 2.3491  
Iteration: 1369; Percent complete: 34.2%; Average loss: 2.7130  
Iteration: 1370; Percent complete: 34.2%; Average loss: 2.2600

|            |       |                   |        |               |        |
|------------|-------|-------------------|--------|---------------|--------|
| Iteration: | 1370; | Percent complete: | 34.2%; | Average loss: | 2.3680 |
| Iteration: | 1371; | Percent complete: | 34.3%; | Average loss: | 2.4778 |
| Iteration: | 1372; | Percent complete: | 34.3%; | Average loss: | 2.4232 |
| Iteration: | 1373; | Percent complete: | 34.3%; | Average loss: | 2.4428 |
| Iteration: | 1374; | Percent complete: | 34.4%; | Average loss: | 2.4147 |
| Iteration: | 1375; | Percent complete: | 34.4%; | Average loss: | 2.6241 |
| Iteration: | 1376; | Percent complete: | 34.4%; | Average loss: | 2.7893 |
| Iteration: | 1377; | Percent complete: | 34.4%; | Average loss: | 2.4752 |
| Iteration: | 1378; | Percent complete: | 34.4%; | Average loss: | 2.4888 |
| Iteration: | 1379; | Percent complete: | 34.5%; | Average loss: | 2.4933 |
| Iteration: | 1380; | Percent complete: | 34.5%; | Average loss: | 2.3848 |
| Iteration: | 1381; | Percent complete: | 34.5%; | Average loss: | 2.7596 |
| Iteration: | 1382; | Percent complete: | 34.5%; | Average loss: | 2.4083 |
| Iteration: | 1383; | Percent complete: | 34.6%; | Average loss: | 2.4320 |
| Iteration: | 1384; | Percent complete: | 34.6%; | Average loss: | 2.4729 |
| Iteration: | 1385; | Percent complete: | 34.6%; | Average loss: | 2.8155 |
| Iteration: | 1386; | Percent complete: | 34.6%; | Average loss: | 2.3557 |
| Iteration: | 1387; | Percent complete: | 34.7%; | Average loss: | 2.3410 |
| Iteration: | 1388; | Percent complete: | 34.7%; | Average loss: | 2.6398 |
| Iteration: | 1389; | Percent complete: | 34.7%; | Average loss: | 2.3908 |
| Iteration: | 1390; | Percent complete: | 34.8%; | Average loss: | 2.3969 |
| Iteration: | 1391; | Percent complete: | 34.8%; | Average loss: | 2.4391 |
| Iteration: | 1392; | Percent complete: | 34.8%; | Average loss: | 2.6198 |
| Iteration: | 1393; | Percent complete: | 34.8%; | Average loss: | 2.3097 |
| Iteration: | 1394; | Percent complete: | 34.8%; | Average loss: | 2.3602 |
| Iteration: | 1395; | Percent complete: | 34.9%; | Average loss: | 2.6673 |
| Iteration: | 1396; | Percent complete: | 34.9%; | Average loss: | 2.2861 |
| Iteration: | 1397; | Percent complete: | 34.9%; | Average loss: | 2.3463 |
| Iteration: | 1398; | Percent complete: | 34.9%; | Average loss: | 2.7461 |
| Iteration: | 1399; | Percent complete: | 35.0%; | Average loss: | 2.4363 |
| Iteration: | 1400; | Percent complete: | 35.0%; | Average loss: | 2.8132 |
| Iteration: | 1401; | Percent complete: | 35.0%; | Average loss: | 2.4790 |
| Iteration: | 1402; | Percent complete: | 35.0%; | Average loss: | 2.4869 |
| Iteration: | 1403; | Percent complete: | 35.1%; | Average loss: | 2.6697 |
| Iteration: | 1404; | Percent complete: | 35.1%; | Average loss: | 2.4790 |
| Iteration: | 1405; | Percent complete: | 35.1%; | Average loss: | 2.6941 |
| Iteration: | 1406; | Percent complete: | 35.1%; | Average loss: | 2.5760 |
| Iteration: | 1407; | Percent complete: | 35.2%; | Average loss: | 2.5874 |
| Iteration: | 1408; | Percent complete: | 35.2%; | Average loss: | 2.4496 |
| Iteration: | 1409; | Percent complete: | 35.2%; | Average loss: | 2.4245 |
| Iteration: | 1410; | Percent complete: | 35.2%; | Average loss: | 2.4707 |
| Iteration: | 1411; | Percent complete: | 35.3%; | Average loss: | 2.5242 |
| Iteration: | 1412; | Percent complete: | 35.3%; | Average loss: | 2.6032 |
| Iteration: | 1413; | Percent complete: | 35.3%; | Average loss: | 2.5202 |
| Iteration: | 1414; | Percent complete: | 35.4%; | Average loss: | 2.7219 |
| Iteration: | 1415; | Percent complete: | 35.4%; | Average loss: | 2.5902 |
| Iteration: | 1416; | Percent complete: | 35.4%; | Average loss: | 2.7479 |
| Iteration: | 1417; | Percent complete: | 35.4%; | Average loss: | 2.4100 |
| Iteration: | 1418; | Percent complete: | 35.4%; | Average loss: | 2.5372 |
| Iteration: | 1419; | Percent complete: | 35.5%; | Average loss: | 2.4718 |
| Iteration: | 1420; | Percent complete: | 35.5%; | Average loss: | 2.5055 |
| Iteration: | 1421; | Percent complete: | 35.5%; | Average loss: | 2.4977 |
| Iteration: | 1422; | Percent complete: | 35.5%; | Average loss: | 2.4831 |
| Iteration: | 1423; | Percent complete: | 35.6%; | Average loss: | 2.5547 |
| Iteration: | 1424; | Percent complete: | 35.6%; | Average loss: | 2.4988 |
| Iteration: | 1425; | Percent complete: | 35.6%; | Average loss: | 2.3228 |
| Iteration: | 1426; | Percent complete: | 35.6%; | Average loss: | 2.3361 |
| Iteration: | 1427; | Percent complete: | 35.7%; | Average loss: | 2.5817 |
| Iteration: | 1428; | Percent complete: | 35.7%; | Average loss: | 2.2823 |
| Iteration: | 1429; | Percent complete: | 35.7%; | Average loss: | 2.2339 |
| Iteration: | 1430; | Percent complete: | 35.8%; | Average loss: | 2.3812 |
| Iteration: | 1431; | Percent complete: | 35.8%; | Average loss: | 2.4755 |
| Iteration: | 1432; | Percent complete: | 35.8%; | Average loss: | 2.4926 |
| Iteration: | 1433; | Percent complete: | 35.8%; | Average loss: | 2.3561 |
| Iteration: | 1434; | Percent complete: | 35.9%; | Average loss: | 2.5704 |
| Iteration: | 1435; | Percent complete: | 35.9%; | Average loss: | 2.4846 |
| Iteration: | 1436; | Percent complete: | 35.9%; | Average loss: | 2.6336 |
| Iteration: | 1437; | Percent complete: | 35.9%; | Average loss: | 2.4903 |
| Iteration: | 1438; | Percent complete: | 35.9%; | Average loss: | 2.2050 |
| Iteration: | 1439; | Percent complete: | 36.0%; | Average loss: | 2.3179 |
| Iteration: | 1440; | Percent complete: | 36.0%; | Average loss: | 2.5176 |
| Iteration: | 1441; | Percent complete: | 36.0%; | Average loss: | 2.5218 |
| Iteration: | 1442; | Percent complete: | 36.0%; | Average loss: | 2.6801 |
| Iteration: | 1443; | Percent complete: | 36.1%; | Average loss: | 2.3528 |
| Iteration: | 1444; | Percent complete: | 36.1%; | Average loss: | 2.3608 |
| Iteration: | 1445; | Percent complete: | 36.1%; | Average loss: | 2      |

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|            |       |         |           |        |         |       |        |
|------------|-------|---------|-----------|--------|---------|-------|--------|
| Iteration: | 1553; | Percent | complete: | 38.8%; | Average | loss: | 2.4540 |
| Iteration: | 1554; | Percent | complete: | 38.9%; | Average | loss: | 2.1573 |
| Iteration: | 1555; | Percent | complete: | 38.9%; | Average | loss: | 2.4227 |
| Iteration: | 1556; | Percent | complete: | 38.9%; | Average | loss: | 2.7144 |
| Iteration: | 1557; | Percent | complete: | 38.9%; | Average | loss: | 2.6390 |
| Iteration: | 1558; | Percent | complete: | 39.0%; | Average | loss: | 2.4135 |
| Iteration: | 1559; | Percent | complete: | 39.0%; | Average | loss: | 2.2520 |
| Iteration: | 1560; | Percent | complete: | 39.0%; | Average | loss: | 2.4437 |
| Iteration: | 1561; | Percent | complete: | 39.0%; | Average | loss: | 2.3178 |
| Iteration: | 1562; | Percent | complete: | 39.1%; | Average | loss: | 2.4645 |
| Iteration: | 1563; | Percent | complete: | 39.1%; | Average | loss: | 2.3873 |
| Iteration: | 1564; | Percent | complete: | 39.1%; | Average | loss: | 2.5119 |
| Iteration: | 1565; | Percent | complete: | 39.1%; | Average | loss: | 2.3660 |
| Iteration: | 1566; | Percent | complete: | 39.1%; | Average | loss: | 2.7298 |
| Iteration: | 1567; | Percent | complete: | 39.2%; | Average | loss: | 2.7707 |
| Iteration: | 1568; | Percent | complete: | 39.2%; | Average | loss: | 2.4055 |
| Iteration: | 1569; | Percent | complete: | 39.2%; | Average | loss: | 2.6791 |
| Iteration: | 1570; | Percent | complete: | 39.2%; | Average | loss: | 2.3993 |
| Iteration: | 1571; | Percent | complete: | 39.3%; | Average | loss: | 2.3469 |
| Iteration: | 1572; | Percent | complete: | 39.3%; | Average | loss: | 2.2970 |
| Iteration: | 1573; | Percent | complete: | 39.3%; | Average | loss: | 2.4327 |
| Iteration: | 1574; | Percent | complete: | 39.4%; | Average | loss: | 2.4507 |
| Iteration: | 1575; | Percent | complete: | 39.4%; | Average | loss: | 2.2789 |
| Iteration: | 1576; | Percent | complete: | 39.4%; | Average | loss: | 2.3613 |
| Iteration: | 1577; | Percent | complete: | 39.4%; | Average | loss: | 2.3382 |
| Iteration: | 1578; | Percent | complete: | 39.5%; | Average | loss: | 2.3167 |
| Iteration: | 1579; | Percent | complete: | 39.5%; | Average | loss: | 2.2054 |
| Iteration: | 1580; | Percent | complete: | 39.5%; | Average | loss: | 2.1114 |
| Iteration: | 1581; | Percent | complete: | 39.5%; | Average | loss: | 2.3479 |
| Iteration: | 1582; | Percent | complete: | 39.6%; | Average | loss: | 2.3289 |
| Iteration: | 1583; | Percent | complete: | 39.6%; | Average | loss: | 2.4967 |
| Iteration: | 1584; | Percent | complete: | 39.6%; | Average | loss: | 2.4487 |
| Iteration: | 1585; | Percent | complete: | 39.6%; | Average | loss: | 2.4363 |
| Iteration: | 1586; | Percent | complete: | 39.6%; | Average | loss: | 2.3447 |
| Iteration: | 1587; | Percent | complete: | 39.7%; | Average | loss: | 2.5119 |
| Iteration: | 1588; | Percent | complete: | 39.7%; | Average | loss: | 2.4552 |
| Iteration: | 1589; | Percent | complete: | 39.7%; | Average | loss: | 2.4477 |
| Iteration: | 1590; | Percent | complete: | 39.8%; | Average | loss: | 2.5053 |
| Iteration: | 1591; | Percent | complete: | 39.8%; | Average | loss: | 2.2179 |
| Iteration: | 1592; | Percent | complete: | 39.8%; | Average | loss: | 2.4068 |
| Iteration: | 1593; | Percent | complete: | 39.8%; | Average | loss: | 2.3227 |
| Iteration: | 1594; | Percent | complete: | 39.9%; | Average | loss: | 2.3327 |
| Iteration: | 1595; | Percent | complete: | 39.9%; | Average | loss: | 2.2813 |
| Iteration: | 1596; | Percent | complete: | 39.9%; | Average | loss: | 2.3550 |
| Iteration: | 1597; | Percent | complete: | 39.9%; | Average | loss: | 2.3063 |
| Iteration: | 1598; | Percent | complete: | 40.0%; | Average | loss: | 2.6305 |
| Iteration: | 1599; | Percent | complete: | 40.0%; | Average | loss: | 2.5173 |
| Iteration: | 1600; | Percent | complete: | 40.0%; | Average | loss: | 2.5539 |
| Iteration: | 1601; | Percent | complete: | 40.0%; | Average | loss: | 2.5112 |
| Iteration: | 1602; | Percent | complete: | 40.1%; | Average | loss: | 2.4180 |
| Iteration: | 1603; | Percent | complete: | 40.1%; | Average | loss: | 2.6845 |
| Iteration: | 1604; | Percent | complete: | 40.1%; | Average | loss: | 2.1245 |
| Iteration: | 1605; | Percent | complete: | 40.1%; | Average | loss: | 2.4083 |
| Iteration: | 1606; | Percent | complete: | 40.2%; | Average | loss: | 2.2560 |
| Iteration: | 1607; | Percent | complete: | 40.2%; | Average | loss: | 2.3988 |
| Iteration: | 1608; | Percent | complete: | 40.2%; | Average | loss: | 2.3053 |
| Iteration: | 1609; | Percent | complete: | 40.2%; | Average | loss: | 2.4082 |
| Iteration: | 1610; | Percent | complete: | 40.2%; | Average | loss: | 2.3453 |
| Iteration: | 1611; | Percent | complete: | 40.3%; | Average | loss: | 2.3127 |
| Iteration: | 1612; | Percent | complete: | 40.3%; | Average | loss: | 2.3698 |
| Iteration: | 1613; | Percent | complete: | 40.3%; | Average | loss: | 2.4958 |
| Iteration: | 1614; | Percent | complete: | 40.4%; | Average | loss: | 2.4187 |
| Iteration: | 1615; | Percent | complete: | 40.4%; | Average | loss: | 2.4648 |
| Iteration: | 1616; | Percent | complete: | 40.4%; | Average | loss: | 2.5389 |

|            |       |         |           |        |         |       |       |
|------------|-------|---------|-----------|--------|---------|-------|-------|
| Iteration: | 1644; | Percent | complete: | 41.1%; | Average | loss: | 2.415 |
| Iteration: | 1645; | Percent | complete: | 41.1%; | Average | loss: | 2.674 |
| Iteration: | 1646; | Percent | complete: | 41.1%; | Average | loss: | 2.323 |
| Iteration: | 1647; | Percent | complete: | 41.2%; | Average | loss: | 2.385 |
| Iteration: | 1648; | Percent | complete: | 41.2%; | Average | loss: | 2.574 |
| Iteration: | 1649; | Percent | complete: | 41.2%; | Average | loss: | 2.316 |
| Iteration: | 1650; | Percent | complete: | 41.2%; | Average | loss: | 2.390 |
| Iteration: | 1651; | Percent | complete: | 41.3%; | Average | loss: | 2.377 |
| Iteration: | 1652; | Percent | complete: | 41.3%; | Average | loss: | 2.538 |
| Iteration: | 1653; | Percent | complete: | 41.3%; | Average | loss: | 2.705 |
| Iteration: | 1654; | Percent | complete: | 41.3%; | Average | loss: | 2.421 |
| Iteration: | 1655; | Percent | complete: | 41.4%; | Average | loss: | 2.223 |
| Iteration: | 1656; | Percent | complete: | 41.4%; | Average | loss: | 2.355 |
| Iteration: | 1657; | Percent | complete: | 41.4%; | Average | loss: | 2.355 |
| Iteration: | 1658; | Percent | complete: | 41.4%; | Average | loss: | 2.398 |
| Iteration: | 1659; | Percent | complete: | 41.5%; | Average | loss: | 2.544 |
| Iteration: | 1660; | Percent | complete: | 41.5%; | Average | loss: | 2.422 |
| Iteration: | 1661; | Percent | complete: | 41.5%; | Average | loss: | 2.395 |
| Iteration: | 1662; | Percent | complete: | 41.5%; | Average | loss: | 2.339 |
| Iteration: | 1663; | Percent | complete: | 41.6%; | Average | loss: | 2.492 |
| Iteration: | 1664; | Percent | complete: | 41.6%; | Average | loss: | 2.525 |
| Iteration: | 1665; | Percent | complete: | 41.6%; | Average | loss: | 2.228 |
| Iteration: | 1666; | Percent | complete: | 41.6%; | Average | loss: | 2.177 |
| Iteration: | 1667; | Percent | complete: | 41.7%; | Average | loss: | 2.613 |
| Iteration: | 1668; | Percent | complete: | 41.7%; | Average | loss: | 2.304 |
| Iteration: | 1669; | Percent | complete: | 41.7%; | Average | loss: | 2.201 |
| Iteration: | 1670; | Percent | complete: | 41.8%; | Average | loss: | 2.316 |
| Iteration: | 1671; | Percent | complete: | 41.8%; | Average | loss: | 2.506 |
| Iteration: | 1672; | Percent | complete: | 41.8%; | Average | loss: | 2.463 |
| Iteration: | 1673; | Percent | complete: | 41.8%; | Average | loss: | 2.406 |
| Iteration: | 1674; | Percent | complete: | 41.9%; | Average | loss: | 2.506 |
| Iteration: | 1675; | Percent | complete: | 41.9%; | Average | loss: | 2.546 |
| Iteration: | 1676; | Percent | complete: | 41.9%; | Average | loss: | 2.309 |
| Iteration: | 1677; | Percent | complete: | 41.9%; | Average | loss: | 2.306 |
| Iteration: | 1678; | Percent | complete: | 41.9%; | Average | loss: | 2.346 |
| Iteration: | 1679; | Percent | complete: | 42.0%; | Average | loss: | 2.442 |
| Iteration: | 1680; | Percent | complete: | 42.0%; | Average | loss: | 2.499 |
| Iteration: | 1681; | Percent | complete: | 42.0%; | Average | loss: | 2.377 |
| Iteration: | 1682; | Percent | complete: | 42.0%; | Average | loss: | 2.408 |
| Iteration: | 1683; | Percent | complete: | 42.1%; | Average | loss: | 2.633 |
| Iteration: | 1684; | Percent | complete: | 42.1%; | Average | loss: | 2.455 |
| Iteration: | 1685; | Percent | complete: | 42.1%; | Average | loss: | 2.195 |
| Iteration: | 1686; | Percent | complete: | 42.1%; | Average | loss: | 2.401 |
| Iteration: | 1687; | Percent | complete: | 42.2%; | Average | loss: | 2.282 |
| Iteration: | 1688; | Percent | complete: | 42.2%; | Average | loss: | 2.283 |
| Iteration: | 1689; | Percent | complete: | 42.2%; | Average | loss: | 2.298 |
| Iteration: | 1690; | Percent | complete: | 42.2%; | Average | loss: | 2.584 |
| Iteration: | 1691; | Percent | complete: | 42.3%; | Average | loss: | 2.333 |
| Iteration: | 1692; | Percent | complete: | 42.3%; | Average | loss: | 2.194 |
| Iteration: | 1693; | Percent | complete: | 42.3%; | Average | loss: | 2.494 |
| Iteration: | 1694; | Percent | complete: | 42.4%; | Average | loss: | 2.396 |
| Iteration: | 1695; | Percent | complete: | 42.4%; | Average | loss: | 2.477 |
| Iteration: | 1696; | Percent | complete: | 42.4%; | Average | loss: | 2.256 |
| Iteration: | 1697; | Percent | complete: | 42.4%; | Average | loss: | 2.227 |
| Iteration: | 1698; | Percent | complete: | 42.4%; | Average | loss: | 2.147 |
| Iteration: | 1699; | Percent | complete: | 42.5%; | Average | loss: | 2.551 |
| Iteration: | 1700; | Percent | complete: | 42.5%; | Average | loss: | 2.437 |
| Iteration: | 1701; | Percent | complete: | 42.5%; | Average | loss: | 2.565 |
| Iteration: | 1702; | Percent | complete: | 42.5%; | Average | loss: | 2.644 |
| Iteration: | 1703; | Percent | complete: | 42.6%; | Average | loss: | 2.536 |
| Iteration: | 1704; | Percent | complete: | 42.6%; | Average | loss: | 2.322 |
| Iteration: | 1705; | Percent | complete: | 42.6%; | Average | loss: | 2.358 |
| Iteration: | 1706; | Percent | complete: | 42.6%; | Average | loss: | 2.694 |
| Iteration: | 1707; | Percent | complete: | 42.7%; | Average | loss: | 2.312 |
| Iteration: | 1708; | Percent | complete: | 42.7%; | Average | loss: | 2.471 |

Iteration: 1735; Percent complete: 43.4%; Average loss: 2.1253  
Iteration: 1736; Percent complete: 43.4%; Average loss: 2.3434  
Iteration: 1737; Percent complete: 43.4%; Average loss: 2.7514  
Iteration: 1738; Percent complete: 43.5%; Average loss: 2.3497  
Iteration: 1739; Percent complete: 43.5%; Average loss: 2.4098  
Iteration: 1740; Percent complete: 43.5%; Average loss: 2.2441  
Iteration: 1741; Percent complete: 43.5%; Average loss: 2.2930  
Iteration: 1742; Percent complete: 43.5%; Average loss: 2.3755  
Iteration: 1743; Percent complete: 43.6%; Average loss: 2.4882  
Iteration: 1744; Percent complete: 43.6%; Average loss: 2.3565  
Iteration: 1745; Percent complete: 43.6%; Average loss: 2.3791  
Iteration: 1746; Percent complete: 43.6%; Average loss: 2.5046  
Iteration: 1747; Percent complete: 43.7%; Average loss: 2.2422  
Iteration: 1748; Percent complete: 43.7%; Average loss: 2.3789  
Iteration: 1749; Percent complete: 43.7%; Average loss: 2.0788  
Iteration: 1750; Percent complete: 43.8%; Average loss: 2.4929  
Iteration: 1751; Percent complete: 43.8%; Average loss: 2.2564  
Iteration: 1752; Percent complete: 43.8%; Average loss: 2.3319  
Iteration: 1753; Percent complete: 43.8%; Average loss: 2.4440  
Iteration: 1754; Percent complete: 43.9%; Average loss: 2.4080  
Iteration: 1755; Percent complete: 43.9%; Average loss: 2.4281  
Iteration: 1756; Percent complete: 43.9%; Average loss: 2.2360  
Iteration: 1757; Percent complete: 43.9%; Average loss: 2.2269  
Iteration: 1758; Percent complete: 44.0%; Average loss: 2.3414  
Iteration: 1759; Percent complete: 44.0%; Average loss: 2.3401  
Iteration: 1760; Percent complete: 44.0%; Average loss: 2.4221  
Iteration: 1761; Percent complete: 44.0%; Average loss: 2.1436  
Iteration: 1762; Percent complete: 44.0%; Average loss: 2.1783  
Iteration: 1763; Percent complete: 44.1%; Average loss: 2.1928  
Iteration: 1764; Percent complete: 44.1%; Average loss: 2.2480  
Iteration: 1765; Percent complete: 44.1%; Average loss: 2.2570  
Iteration: 1766; Percent complete: 44.1%; Average loss: 2.0860  
Iteration: 1767; Percent complete: 44.2%; Average loss: 2.1825  
Iteration: 1768; Percent complete: 44.2%; Average loss: 2.4062  
Iteration: 1769; Percent complete: 44.2%; Average loss: 2.2878  
Iteration: 1770; Percent complete: 44.2%; Average loss: 2.2322  
Iteration: 1771; Percent complete: 44.3%; Average loss: 2.3288  
Iteration: 1772; Percent complete: 44.3%; Average loss: 2.2119  
Iteration: 1773; Percent complete: 44.3%; Average loss: 2.5158  
Iteration: 1774; Percent complete: 44.4%; Average loss: 2.3414  
Iteration: 1775; Percent complete: 44.4%; Average loss: 2.1922  
Iteration: 1776; Percent complete: 44.4%; Average loss: 2.2478  
Iteration: 1777; Percent complete: 44.4%; Average loss: 2.1838  
Iteration: 1778; Percent complete: 44.5%; Average loss: 2.2555  
Iteration: 1779; Percent complete: 44.5%; Average loss: 2.4760  
Iteration: 1780; Percent complete: 44.5%; Average loss: 2.5424  
Iteration: 1781; Percent complete: 44.5%; Average loss: 2.3670  
Iteration: 1782; Percent complete: 44.5%; Average loss: 2.3911  
Iteration: 1783; Percent complete: 44.6%; Average loss: 2.4556  
Iteration: 1784; Percent complete: 44.6%; Average loss: 2.3089  
Iteration: 1785; Percent complete: 44.6%; Average loss: 2.3726  
Iteration: 1786; Percent complete: 44.6%; Average loss: 2.1768  
Iteration: 1787; Percent complete: 44.7%; Average loss: 2.3803  
Iteration: 1788; Percent complete: 44.7%; Average loss: 2.3901  
Iteration: 1789; Percent complete: 44.7%; Average loss: 2.2597  
Iteration: 1790; Percent complete: 44.8%; Average loss: 2.1757  
Iteration: 1791; Percent complete: 44.8%; Average loss: 2.2966  
Iteration: 1792; Percent complete: 44.8%; Average loss: 2.5133  
Iteration: 1793; Percent complete: 44.8%; Average loss: 2.1505  
Iteration: 1794; Percent complete: 44.9%; Average loss: 2.4413  
Iteration: 1795; Percent complete: 44.9%; Average loss: 2.4005  
Iteration: 1796; Percent complete: 44.9%; Average loss: 2.6780  
Iteration: 1797; Percent complete: 44.9%; Average loss: 2.4138  
Iteration: 1798; Percent complete: 45.0%; Average loss: 2.2429  
Iteration: 1799; Percent complete: 45.0%; Average loss: 2.4037  
Iteration: 1800; Percent complete: 45.0%; Average loss: 2.3535  
Iteration: 1801; Percent complete: 45.0%; Average loss: 2.2910  
Iteration: 1802; Percent complete: 45.1%; Average loss: 2.3601  
Iteration: 1803; Percent complete: 45.1%; Average loss: 2.2312  
Iteration: 1804; Percent complete: 45.1%; Average loss: 1.9925  
Iteration: 1805; Percent complete: 45.1%; Average loss: 2.5440  
Iteration: 1806; Percent complete: 45.1%; Average loss: 2.0811  
Iteration: 1807; Percent complete: 45.2%; Average loss: 2.2851  
Iteration: 1808; Percent complete: 45.2%; Average loss: 2.2979  
Iteration: 1809; Percent complete: 45.2%; Average loss: 2.2736  
Iteration: 1810; Percent complete: 45.2%; Average loss: 2.2351  
Iteration: 1811; Percent complete: 45.3%; Average loss: 2.2967  
Iteration: 1812; Percent complete: 45.3%; Average loss: 2.5182  
Iteration: 1813; Percent complete: 45.3%; Average loss: 2.4314  
Iteration: 1814; Percent complete: 45.4%; Average loss: 2.2367  
Iteration: 1815; Percent complete: 45.4%; Average loss: 2.3712  
Iteration: 1816; Percent complete: 45.4%; Average loss: 2.4077  
Iteration: 1817; Percent complete: 45.4%; Average loss: 2.3976  
Iteration: 1818; Percent complete: 45.5%; Average loss: 2.3064  
Iteration: 1819; Percent complete: 45.5%; Average loss: 2.2156  
Iteration: 1820; Percent complete: 45.5%; Average loss: 2.5055  
Iteration: 1821; Percent complete: 45.5%; Average loss: 2.4763  
Iteration: 1822; Percent complete: 45.6%; Average loss: 2.2796  
Iteration: 1823; Percent complete: 45.6%; Average loss: 2.3569  
Iteration: 1824; Percent complete: 45.6%; Average loss: 2.2384  
Iteration: 1825; Percent complete: 45.6%; Average loss: 2.0297  
Iteration: 1826; Percent complete: 45.6%; Average loss: 2.5650

|                  |                          |                      |
|------------------|--------------------------|----------------------|
| Iteration: 1828; | Percent complete: 45.8%; | Average loss: 2.3583 |
| Iteration: 1827; | Percent complete: 45.7%; | Average loss: 2.3216 |
| Iteration: 1828; | Percent complete: 45.7%; | Average loss: 2.3008 |
| Iteration: 1829; | Percent complete: 45.7%; | Average loss: 2.2403 |
| Iteration: 1830; | Percent complete: 45.8%; | Average loss: 2.4824 |
| Iteration: 1831; | Percent complete: 45.8%; | Average loss: 2.3561 |
| Iteration: 1832; | Percent complete: 45.8%; | Average loss: 2.3042 |
| Iteration: 1833; | Percent complete: 45.8%; | Average loss: 2.1641 |
| Iteration: 1834; | Percent complete: 45.9%; | Average loss: 2.5568 |
| Iteration: 1835; | Percent complete: 45.9%; | Average loss: 2.2296 |
| Iteration: 1836; | Percent complete: 45.9%; | Average loss: 2.1476 |
| Iteration: 1837; | Percent complete: 45.9%; | Average loss: 2.5871 |
| Iteration: 1838; | Percent complete: 46.0%; | Average loss: 2.1844 |
| Iteration: 1839; | Percent complete: 46.0%; | Average loss: 2.3497 |
| Iteration: 1840; | Percent complete: 46.0%; | Average loss: 2.2898 |
| Iteration: 1841; | Percent complete: 46.0%; | Average loss: 2.2285 |
| Iteration: 1842; | Percent complete: 46.1%; | Average loss: 2.3221 |
| Iteration: 1843; | Percent complete: 46.1%; | Average loss: 2.5378 |
| Iteration: 1844; | Percent complete: 46.1%; | Average loss: 2.2949 |
| Iteration: 1845; | Percent complete: 46.1%; | Average loss: 2.3084 |
| Iteration: 1846; | Percent complete: 46.2%; | Average loss: 2.3934 |
| Iteration: 1847; | Percent complete: 46.2%; | Average loss: 2.5674 |
| Iteration: 1848; | Percent complete: 46.2%; | Average loss: 2.4196 |
| Iteration: 1849; | Percent complete: 46.2%; | Average loss: 2.4472 |
| Iteration: 1850; | Percent complete: 46.2%; | Average loss: 2.3693 |
| Iteration: 1851; | Percent complete: 46.3%; | Average loss: 2.6097 |
| Iteration: 1852; | Percent complete: 46.3%; | Average loss: 2.2411 |
| Iteration: 1853; | Percent complete: 46.3%; | Average loss: 2.3350 |
| Iteration: 1854; | Percent complete: 46.4%; | Average loss: 2.2651 |
| Iteration: 1855; | Percent complete: 46.4%; | Average loss: 1.9943 |
| Iteration: 1856; | Percent complete: 46.4%; | Average loss: 2.1104 |
| Iteration: 1857; | Percent complete: 46.4%; | Average loss: 2.0721 |
| Iteration: 1858; | Percent complete: 46.5%; | Average loss: 2.5578 |
| Iteration: 1859; | Percent complete: 46.5%; | Average loss: 2.2430 |
| Iteration: 1860; | Percent complete: 46.5%; | Average loss: 2.2720 |
| Iteration: 1861; | Percent complete: 46.5%; | Average loss: 2.5325 |
| Iteration: 1862; | Percent complete: 46.6%; | Average loss: 2.3864 |
| Iteration: 1863; | Percent complete: 46.6%; | Average loss: 2.2870 |
| Iteration: 1864; | Percent complete: 46.6%; | Average loss: 2.2969 |
| Iteration: 1865; | Percent complete: 46.6%; | Average loss: 2.3832 |
| Iteration: 1866; | Percent complete: 46.7%; | Average loss: 2.6048 |
| Iteration: 1867; | Percent complete: 46.7%; | Average loss: 2.5179 |
| Iteration: 1868; | Percent complete: 46.7%; | Average loss: 2.3253 |
| Iteration: 1869; | Percent complete: 46.7%; | Average loss: 2.3386 |
| Iteration: 1870; | Percent complete: 46.8%; | Average loss: 2.3281 |
| Iteration: 1871; | Percent complete: 46.8%; | Average loss: 2.2940 |
| Iteration: 1872; | Percent complete: 46.8%; | Average loss: 2.4302 |
| Iteration: 1873; | Percent complete: 46.8%; | Average loss: 2.4573 |
| Iteration: 1874; | Percent complete: 46.9%; | Average loss: 2.1572 |
| Iteration: 1875; | Percent complete: 46.9%; | Average loss: 2.1888 |
| Iteration: 1876; | Percent complete: 46.9%; | Average loss: 2.1475 |
| Iteration: 1877; | Percent complete: 46.9%; | Average loss: 2.2788 |
| Iteration: 1878; | Percent complete: 46.9%; | Average loss: 2.3873 |
| Iteration: 1879; | Percent complete: 47.0%; | Average loss: 2.2872 |
| Iteration: 1880; | Percent complete: 47.0%; | Average loss: 2.3874 |
| Iteration: 1881; | Percent complete: 47.0%; | Average loss: 2.3971 |
| Iteration: 1882; | Percent complete: 47.0%; | Average loss: 2.2713 |
| Iteration: 1883; | Percent complete: 47.1%; | Average loss: 2.4136 |
| Iteration: 1884; | Percent complete: 47.1%; | Average loss: 2.6278 |
| Iteration: 1885; | Percent complete: 47.1%; | Average loss: 2.3427 |
| Iteration: 1886; | Percent complete: 47.1%; | Average loss: 2.3934 |
| Iteration: 1887; | Percent complete: 47.2%; | Average loss: 2.5677 |
| Iteration: 1888; | Percent complete: 47.2%; | Average loss: 2.2175 |
| Iteration: 1889; | Percent complete: 47.2%; | Average loss: 2.3881 |
| Iteration: 1890; | Percent complete: 47.2%; | Average loss: 2.3300 |
| Iteration: 1891; | Percent complete: 47.3%; | Average loss: 2.3659 |
| Iteration: 1892; | Percent complete: 47.3%; | Average loss: 2.4286 |
| Iteration: 1893; | Percent complete: 47.3%; | Average loss: 2.1504 |
| Iteration: 1894; | Percent complete: 47.3%; | Average loss: 2.4495 |
| Iteration: 1895; | Percent complete: 47.4%; | Average loss: 2.3216 |
| Iteration: 1896; | Percent complete: 47.4%; | Average loss: 2.2785 |
| Iteration: 1897; | Percent complete: 47.4%; | Average loss: 2.4142 |
| Iteration: 1898; | Percent complete: 47.4%; | Average loss: 2.4074 |
| Iteration: 1899; | Percent complete: 47.5%; | Average loss: 2.0119 |
| Iteration: 1900; | Percent complete: 47.5%; | Average loss: 2.2874 |
| Iteration: 1901; | Percent complete: 47.5%; | Average loss: 2.2662 |
| Iteration: 1902; | Percent complete: 47.5%; | Average loss: 2.2521 |
| Iteration: 1903; | Percent complete: 47.6%; | Average loss: 2.2436 |
| Iteration: 1904; | Percent complete: 47.6%; | Average loss: 2.4477 |
| Iteration: 1905; | Percent complete: 47.6%; | Average loss: 2.3205 |
| Iteration: 1906; | Percent complete: 47.6%; | Average loss: 2.5321 |
| Iteration: 1907; | Percent complete: 47.7%; | Average loss: 2.3506 |
| Iteration: 1908; | Percent complete: 47.7%; | Average loss: 2.6711 |
| Iteration: 1909; | Percent complete: 47.7%; | Average loss: 2.3885 |
| Iteration: 1910; | Percent complete: 47.8%; | Average loss: 2.3239 |
| Iteration: 1911; | Percent complete: 47.8%; | Average loss: 2.3605 |
| Iteration: 1912; | Percent complete: 47.8%; | Average loss: 2.2516 |
| Iteration: 1913; | Percent complete: 47.8%; | Average loss: 2.2189 |
| Iteration: 1914; | Percent complete: 47.9%; | Average loss: 2.4847 |
| Iteration: 1915; | Percent complete: 47.9%; | Average loss: 2.2784 |
| Iteration: 1916; | Percent complete: 47.9%; | Average loss: 2.1874 |



|            |       |                   |        |               |        |
|------------|-------|-------------------|--------|---------------|--------|
| Iteration: | 1918; | Percent complete: | 47.9%; | Average loss: | 2.3602 |
| Iteration: | 1919; | Percent complete: | 48.0%; | Average loss: | 2.2186 |
| Iteration: | 1920; | Percent complete: | 48.0%; | Average loss: | 2.2908 |
| Iteration: | 1921; | Percent complete: | 48.0%; | Average loss: | 2.3993 |
| Iteration: | 1922; | Percent complete: | 48.0%; | Average loss: | 2.3997 |
| Iteration: | 1923; | Percent complete: | 48.1%; | Average loss: | 2.2063 |
| Iteration: | 1924; | Percent complete: | 48.1%; | Average loss: | 2.5365 |
| Iteration: | 1925; | Percent complete: | 48.1%; | Average loss: | 2.3228 |
| Iteration: | 1926; | Percent complete: | 48.1%; | Average loss: | 2.3848 |
| Iteration: | 1927; | Percent complete: | 48.2%; | Average loss: | 2.4805 |
| Iteration: | 1928; | Percent complete: | 48.2%; | Average loss: | 2.3507 |
| Iteration: | 1929; | Percent complete: | 48.2%; | Average loss: | 2.3645 |
| Iteration: | 1930; | Percent complete: | 48.2%; | Average loss: | 2.2938 |
| Iteration: | 1931; | Percent complete: | 48.3%; | Average loss: | 2.4035 |
| Iteration: | 1932; | Percent complete: | 48.3%; | Average loss: | 2.3404 |
| Iteration: | 1933; | Percent complete: | 48.3%; | Average loss: | 2.1000 |
| Iteration: | 1934; | Percent complete: | 48.4%; | Average loss: | 2.4144 |
| Iteration: | 1935; | Percent complete: | 48.4%; | Average loss: | 2.3158 |
| Iteration: | 1936; | Percent complete: | 48.4%; | Average loss: | 2.3493 |
| Iteration: | 1937; | Percent complete: | 48.4%; | Average loss: | 2.1291 |
| Iteration: | 1938; | Percent complete: | 48.4%; | Average loss: | 2.3954 |
| Iteration: | 1939; | Percent complete: | 48.5%; | Average loss: | 2.2338 |
| Iteration: | 1940; | Percent complete: | 48.5%; | Average loss: | 2.2907 |
| Iteration: | 1941; | Percent complete: | 48.5%; | Average loss: | 2.5259 |
| Iteration: | 1942; | Percent complete: | 48.5%; | Average loss: | 2.3930 |
| Iteration: | 1943; | Percent complete: | 48.6%; | Average loss: | 2.0693 |
| Iteration: | 1944; | Percent complete: | 48.6%; | Average loss: | 2.3339 |
| Iteration: | 1945; | Percent complete: | 48.6%; | Average loss: | 2.2513 |
| Iteration: | 1946; | Percent complete: | 48.6%; | Average loss: | 2.3066 |
| Iteration: | 1947; | Percent complete: | 48.7%; | Average loss: | 2.2006 |
| Iteration: | 1948; | Percent complete: | 48.7%; | Average loss: | 2.2228 |
| Iteration: | 1949; | Percent complete: | 48.7%; | Average loss: | 2.3263 |
| Iteration: | 1950; | Percent complete: | 48.8%; | Average loss: | 2.1404 |
| Iteration: | 1951; | Percent complete: | 48.8%; | Average loss: | 2.6033 |
| Iteration: | 1952; | Percent complete: | 48.8%; | Average loss: | 2.1013 |
| Iteration: | 1953; | Percent complete: | 48.8%; | Average loss: | 2.3611 |
| Iteration: | 1954; | Percent complete: | 48.9%; | Average loss: | 2.0918 |
| Iteration: | 1955; | Percent complete: | 48.9%; | Average loss: | 2.5782 |
| Iteration: | 1956; | Percent complete: | 48.9%; | Average loss: | 2.3769 |
| Iteration: | 1957; | Percent complete: | 48.9%; | Average loss: | 2.3708 |
| Iteration: | 1958; | Percent complete: | 48.9%; | Average loss: | 2.5570 |
| Iteration: | 1959; | Percent complete: | 49.0%; | Average loss: | 2.1740 |
| Iteration: | 1960; | Percent complete: | 49.0%; | Average loss: | 2.2155 |
| Iteration: | 1961; | Percent complete: | 49.0%; | Average loss: | 2.1972 |
| Iteration: | 1962; | Percent complete: | 49.0%; | Average loss: | 2.3303 |
| Iteration: | 1963; | Percent complete: | 49.1%; | Average loss: | 2.2934 |
| Iteration: | 1964; | Percent complete: | 49.1%; | Average loss: | 2.3130 |
| Iteration: | 1965; | Percent complete: | 49.1%; | Average loss: | 2.2440 |
| Iteration: | 1966; | Percent complete: | 49.1%; | Average loss: | 2.3016 |
| Iteration: | 1967; | Percent complete: | 49.2%; | Average loss: | 2.3858 |
| Iteration: | 1968; | Percent complete: | 49.2%; | Average loss: | 2.2667 |
| Iteration: | 1969; | Percent complete: | 49.2%; | Average loss: | 2.3731 |
| Iteration: | 1970; | Percent complete: | 49.2%; | Average loss: | 2.1711 |
| Iteration: | 1971; | Percent complete: | 49.3%; | Average loss: | 2.4424 |
| Iteration: | 1972; | Percent complete: | 49.3%; | Average loss: | 2.4150 |
| Iteration: | 1973; | Percent complete: | 49.3%; | Average loss: | 2.3693 |
| Iteration: | 1974; | Percent complete: | 49.4%; | Average loss: | 2.0452 |
| Iteration: | 1975; | Percent complete: | 49.4%; | Average loss: | 2.5042 |
| Iteration: | 1976; | Percent complete: | 49.4%; | Average loss: | 2.3513 |
| Iteration: | 1977; | Percent complete: | 49.4%; | Average loss: | 2.2315 |
| Iteration: | 1978; | Percent complete: | 49.5%; | Average loss: | 2.1226 |
| Iteration: | 1979; | Percent complete: | 49.5%; | Average loss: | 2.4938 |
| Iteration: | 1980; | Percent complete: | 49.5%; | Average loss: | 2.2298 |
| Iteration: | 1981; | Percent complete: | 49.5%; | Average loss: | 2.3711 |
| Iteration: | 1982; | Percent complete: | 49.5%; | Average loss: | 2.1073 |
| Iteration: | 1983; | Percent complete: | 49.6%; | Average loss: | 2.2948 |
| Iteration: | 1984; | Percent complete: | 49.6%; | Average loss: | 2.4155 |
| Iteration: | 1985; | Percent complete: | 49.6%; | Average loss: | 2.1639 |
| Iteration: | 1986; | Percent complete: | 49.6%; | Average loss: | 2.3861 |
| Iteration: | 1987; | Percent complete: | 49.7%; | Average loss: | 2.3614 |
| Iteration: | 1988; | Percent complete: | 49.7%; | Average loss: | 2.7011 |
| Iteration: | 1989; | Percent complete: | 49.7%; | Average loss: | 2.2138 |
| Iteration: | 1990; | Percent complete: | 49.8%; | Average loss: | 2.4962 |
| Iteration: | 1991; | Percent complete: | 49.8%; | Average loss: | 2.3243 |
| Iteration: | 1992; | Percent complete: | 49.8%; | Average loss: | 2.0248 |
| Iteration: | 1993; | Percent complete: | 49.8%; | Average loss: | 2      |





Iteration: 2191; Percent complete: 54.8%; Average loss: 2.1585  
Iteration: 2192; Percent complete: 54.8%; Average loss: 2.1759  
Iteration: 2193; Percent complete: 54.8%; Average loss: 2.3586  
Iteration: 2194; Percent complete: 54.9%; Average loss: 2.2959  
Iteration: 2195; Percent complete: 54.9%; Average loss: 2.2502  
Iteration: 2196; Percent complete: 54.9%; Average loss: 2.3325  
Iteration: 2197; Percent complete: 54.9%; Average loss: 2.2284  
Iteration: 2198; Percent complete: 54.9%; Average loss: 2.1323  
Iteration: 2199; Percent complete: 55.0%; Average loss: 2.2016  
Iteration: 2200; Percent complete: 55.0%; Average loss: 2.1821  
Iteration: 2201; Percent complete: 55.0%; Average loss: 2.0809  
Iteration: 2202; Percent complete: 55.0%; Average loss: 2.1820  
Iteration: 2203; Percent complete: 55.1%; Average loss: 2.2800  
Iteration: 2204; Percent complete: 55.1%; Average loss: 2.1487  
Iteration: 2205; Percent complete: 55.1%; Average loss: 2.1397  
Iteration: 2206; Percent complete: 55.1%; Average loss: 2.0348  
Iteration: 2207; Percent complete: 55.2%; Average loss: 2.3260  
Iteration: 2208; Percent complete: 55.2%; Average loss: 2.2065  
Iteration: 2209; Percent complete: 55.2%; Average loss: 2.2994  
Iteration: 2210; Percent complete: 55.2%; Average loss: 2.2559  
Iteration: 2211; Percent complete: 55.3%; Average loss: 2.1150  
Iteration: 2212; Percent complete: 55.3%; Average loss: 2.2191  
Iteration: 2213; Percent complete: 55.3%; Average loss: 2.4360  
Iteration: 2214; Percent complete: 55.4%; Average loss: 2.0033  
Iteration: 2215; Percent complete: 55.4%; Average loss: 2.0034  
Iteration: 2216; Percent complete: 55.4%; Average loss: 2.3258  
Iteration: 2217; Percent complete: 55.4%; Average loss: 1.9615  
Iteration: 2218; Percent complete: 55.5%; Average loss: 1.9065  
Iteration: 2219; Percent complete: 55.5%; Average loss: 2.1503  
Iteration: 2220; Percent complete: 55.5%; Average loss: 2.3363  
Iteration: 2221; Percent complete: 55.5%; Average loss: 2.1261  
Iteration: 2222; Percent complete: 55.5%; Average loss: 2.2955  
Iteration: 2223; Percent complete: 55.6%; Average loss: 2.3699  
Iteration: 2224; Percent complete: 55.6%; Average loss: 2.1907  
Iteration: 2225; Percent complete: 55.6%; Average loss: 2.2635  
Iteration: 2226; Percent complete: 55.6%; Average loss: 2.2789  
Iteration: 2227; Percent complete: 55.7%; Average loss: 2.4258  
Iteration: 2228; Percent complete: 55.7%; Average loss: 2.3425  
Iteration: 2229; Percent complete: 55.7%; Average loss: 2.4515  
Iteration: 2230; Percent complete: 55.8%; Average loss: 2.2996  
Iteration: 2231; Percent complete: 55.8%; Average loss: 1.9656  
Iteration: 2232; Percent complete: 55.8%; Average loss: 2.3251  
Iteration: 2233; Percent complete: 55.8%; Average loss: 2.2724  
Iteration: 2234; Percent complete: 55.9%; Average loss: 2.2718  
Iteration: 2235; Percent complete: 55.9%; Average loss: 2.3364  
Iteration: 2236; Percent complete: 55.9%; Average loss: 2.2881  
Iteration: 2237; Percent complete: 55.9%; Average loss: 2.4487  
Iteration: 2238; Percent complete: 56.0%; Average loss: 2.0756  
Iteration: 2239; Percent complete: 56.0%; Average loss: 2.0077  
Iteration: 2240; Percent complete: 56.0%; Average loss: 2.0547  
Iteration: 2241; Percent complete: 56.0%; Average loss: 2.2470  
Iteration: 2242; Percent complete: 56.0%; Average loss: 2.3161  
Iteration: 2243; Percent complete: 56.1%; Average loss: 2.4351  
Iteration: 2244; Percent complete: 56.1%; Average loss: 2.2586  
Iteration: 2245; Percent complete: 56.1%; Average loss: 2.2951  
Iteration: 2246; Percent complete: 56.1%; Average loss: 2.0757  
Iteration: 2247; Percent complete: 56.2%; Average loss: 2.2686  
Iteration: 2248; Percent complete: 56.2%; Average loss: 2.2598  
Iteration: 2249; Percent complete: 56.2%; Average loss: 2.3634  
Iteration: 2250; Percent complete: 56.2%; Average loss: 2.1370  
Iteration: 2251; Percent complete: 56.3%; Average loss: 2.2881  
Iteration: 2252; Percent complete: 56.3%; Average loss: 2.2358  
Iteration: 2253; Percent complete: 56.3%; Average loss: 2.3794  
Iteration: 2254; Percent complete: 56.4%; Average loss: 2.2689  
Iteration: 2255; Percent complete: 56.4%; Average loss: 2.2304  
Iteration: 2256; Percent complete: 56.4%; Average loss: 2.3517  
Iteration: 2257; Percent complete: 56.4%; Average loss: 2.1173  
Iteration: 2258; Percent complete: 56.5%; Average loss: 2.1002  
Iteration: 2259; Percent complete: 56.5%; Average loss: 2.2613  
Iteration: 2260; Percent complete: 56.5%; Average loss: 2.1397  
Iteration: 2261; Percent complete: 56.5%; Average loss: 2.0099  
Iteration: 2262; Percent complete: 56.5%; Average loss: 2.2047  
Iteration: 2263; Percent complete: 56.6%; Average loss: 2.4030  
Iteration: 2264; Percent complete: 56.6%; Average loss: 2.1355  
Iteration: 2265; Percent complete: 56.6%; Average loss: 2.4391  
Iteration: 2266; Percent complete: 56.6%; Average loss: 2.2817  
Iteration: 2267; Percent complete: 56.7%; Average loss: 2.3409  
Iteration: 2268; Percent complete: 56.7%; Average loss: 2.3280  
Iteration: 2269; Percent complete: 56.7%; Average loss: 2.2327  
Iteration: 2270; Percent complete: 56.8%; Average loss: 1.9980  
Iteration: 2271; Percent complete: 56.8%; Average loss: 2.5130  
Iteration: 2272; Percent complete: 56.8%; Average loss: 2.3552  
Iteration: 2273; Percent complete: 56.8%; Average loss: 2.1709  
Iteration: 2274; Percent complete: 56.9%; Average loss: 2.1102  
Iteration: 2275; Percent complete: 56.9%; Average loss: 2.1772  
Iteration: 2276; Percent complete: 56.9%; Average loss: 1.9933  
Iteration: 2277; Percent complete: 56.9%; Average loss: 2.1212  
Iteration: 2278; Percent complete: 57.0%; Average loss: 2.3485  
Iteration: 2279; Percent complete: 57.0%; Average loss: 2.1551  
Iteration: 2280; Percent complete: 57.0%; Average loss: 2.1051  
Iteration: 2281; Percent complete: 57.0%; Average loss: 2.2508  
Iteration: 2282; Percent complete: 57.0%; Average loss: 2.1614

Iteration: 2283; Percent complete: 57.1%; Average loss: 2.3544  
Iteration: 2284; Percent complete: 57.1%; Average loss: 2.2543  
Iteration: 2285; Percent complete: 57.1%; Average loss: 2.3622  
Iteration: 2286; Percent complete: 57.1%; Average loss: 2.2910  
Iteration: 2287; Percent complete: 57.2%; Average loss: 2.2003  
Iteration: 2288; Percent complete: 57.2%; Average loss: 2.0420  
Iteration: 2289; Percent complete: 57.2%; Average loss: 2.2204  
Iteration: 2290; Percent complete: 57.2%; Average loss: 1.9133  
Iteration: 2291; Percent complete: 57.3%; Average loss: 2.1137  
Iteration: 2292; Percent complete: 57.3%; Average loss: 2.2064  
Iteration: 2293; Percent complete: 57.3%; Average loss: 2.0964  
Iteration: 2294; Percent complete: 57.4%; Average loss: 2.2486  
Iteration: 2295; Percent complete: 57.4%; Average loss: 2.1060  
Iteration: 2296; Percent complete: 57.4%; Average loss: 2.0187  
Iteration: 2297; Percent complete: 57.4%; Average loss: 2.2017  
Iteration: 2298; Percent complete: 57.5%; Average loss: 2.0696  
Iteration: 2299; Percent complete: 57.5%; Average loss: 2.0297  
Iteration: 2300; Percent complete: 57.5%; Average loss: 2.1183  
Iteration: 2301; Percent complete: 57.5%; Average loss: 2.1989  
Iteration: 2302; Percent complete: 57.6%; Average loss: 2.3204  
Iteration: 2303; Percent complete: 57.6%; Average loss: 2.4283  
Iteration: 2304; Percent complete: 57.6%; Average loss: 2.1979  
Iteration: 2305; Percent complete: 57.6%; Average loss: 2.1073  
Iteration: 2306; Percent complete: 57.6%; Average loss: 1.9572  
Iteration: 2307; Percent complete: 57.7%; Average loss: 2.1314  
Iteration: 2308; Percent complete: 57.7%; Average loss: 2.1377  
Iteration: 2309; Percent complete: 57.7%; Average loss: 2.1437  
Iteration: 2310; Percent complete: 57.8%; Average loss: 2.3499  
Iteration: 2311; Percent complete: 57.8%; Average loss: 2.2544  
Iteration: 2312; Percent complete: 57.8%; Average loss: 2.3571  
Iteration: 2313; Percent complete: 57.8%; Average loss: 2.1374  
Iteration: 2314; Percent complete: 57.9%; Average loss: 2.2644  
Iteration: 2315; Percent complete: 57.9%; Average loss: 2.0583  
Iteration: 2316; Percent complete: 57.9%; Average loss: 2.1833  
Iteration: 2317; Percent complete: 57.9%; Average loss: 2.3560  
Iteration: 2318; Percent complete: 58.0%; Average loss: 2.1699  
Iteration: 2319; Percent complete: 58.0%; Average loss: 2.2471  
Iteration: 2320; Percent complete: 58.0%; Average loss: 2.1500  
Iteration: 2321; Percent complete: 58.0%; Average loss: 2.0302  
Iteration: 2322; Percent complete: 58.1%; Average loss: 2.1077  
Iteration: 2323; Percent complete: 58.1%; Average loss: 2.2015  
Iteration: 2324; Percent complete: 58.1%; Average loss: 2.1115  
Iteration: 2325; Percent complete: 58.1%; Average loss: 2.2907  
Iteration: 2326; Percent complete: 58.1%; Average loss: 2.2215  
Iteration: 2327; Percent complete: 58.2%; Average loss: 2.0030  
Iteration: 2328; Percent complete: 58.2%; Average loss: 1.9840  
Iteration: 2329; Percent complete: 58.2%; Average loss: 2.1299  
Iteration: 2330; Percent complete: 58.2%; Average loss: 2.4122  
Iteration: 2331; Percent complete: 58.3%; Average loss: 2.0717  
Iteration: 2332; Percent complete: 58.3%; Average loss: 2.0396  
Iteration: 2333; Percent complete: 58.3%; Average loss: 2.1714  
Iteration: 2334; Percent complete: 58.4%; Average loss: 1.9965  
Iteration: 2335; Percent complete: 58.4%; Average loss: 2.0312  
Iteration: 2336; Percent complete: 58.4%; Average loss: 2.0594  
Iteration: 2337; Percent complete: 58.4%; Average loss: 2.2043  
Iteration: 2338; Percent complete: 58.5%; Average loss: 2.2185  
Iteration: 2339; Percent complete: 58.5%; Average loss: 2.2265  
Iteration: 2340; Percent complete: 58.5%; Average loss: 1.9215  
Iteration: 2341; Percent complete: 58.5%; Average loss: 2.2099  
Iteration: 2342; Percent complete: 58.6%; Average loss: 2.1585  
Iteration: 2343; Percent complete: 58.6%; Average loss: 2.3531  
Iteration: 2344; Percent complete: 58.6%; Average loss: 2.3070  
Iteration: 2345; Percent complete: 58.6%; Average loss: 2.1298  
Iteration: 2346; Percent complete: 58.7%; Average loss: 2.4306  
Iteration: 2347; Percent complete: 58.7%; Average loss: 2.2281  
Iteration: 2348; Percent complete: 58.7%; Average loss: 2.3184  
Iteration: 2349; Percent complete: 58.7%; Average loss: 2.2739  
Iteration: 2350; Percent complete: 58.8%; Average loss: 2.1359  
Iteration: 2351; Percent complete: 58.8%; Average loss: 2.1653  
Iteration: 2352; Percent complete: 58.8%; Average loss: 2.0796  
Iteration: 2353; Percent complete: 58.8%; Average loss: 2.5201  
Iteration: 2354; Percent complete: 58.9%; Average loss: 2.3747  
Iteration: 2355; Percent complete: 58.9%; Average loss: 2.0221  
Iteration: 2356; Percent complete: 58.9%; Average loss: 2.0608  
Iteration: 2357; Percent complete: 58.9%; Average loss: 2.3703  
Iteration: 2358; Percent complete: 59.0%; Average loss: 2.2561  
Iteration: 2359; Percent complete: 59.0%; Average loss: 2.0779  
Iteration: 2360; Percent complete: 59.0%; Average loss: 2.4267  
Iteration: 2361; Percent complete: 59.0%; Average loss: 2.1577  
Iteration: 2362; Percent complete: 59.1%; Average loss: 2.4307  
Iteration: 2363; Percent complete: 59.1%; Average loss: 2.3067  
Iteration: 2364; Percent complete: 59.1%; Average loss: 2.0502  
Iteration: 2365; Percent complete: 59.1%; Average loss: 2.3013  
Iteration: 2366; Percent complete: 59.2%; Average loss: 2.1704  
Iteration: 2367; Percent complete: 59.2%; Average loss: 2.0216  
Iteration: 2368; Percent complete: 59.2%; Average loss: 2.2455  
Iteration: 2369; Percent complete: 59.2%; Average loss: 2.1516  
Iteration: 2370; Percent complete: 59.2%; Average loss: 2.2916  
Iteration: 2371; Percent complete: 59.3%; Average loss: 2.1270  
Iteration: 2372; Percent complete: 59.3%; Average loss: 2.2542  
Iteration: 2373; Percent complete: 59.3%; Average loss: 2.0692

Iteration: 2374; Percent complete: 59.4%; Average loss: 2.2392  
Iteration: 2375; Percent complete: 59.4%; Average loss: 1.9540  
Iteration: 2376; Percent complete: 59.4%; Average loss: 2.1030  
Iteration: 2377; Percent complete: 59.4%; Average loss: 2.0015  
Iteration: 2378; Percent complete: 59.5%; Average loss: 2.1670  
Iteration: 2379; Percent complete: 59.5%; Average loss: 2.2066  
Iteration: 2380; Percent complete: 59.5%; Average loss: 2.3757  
Iteration: 2381; Percent complete: 59.5%; Average loss: 2.4007  
Iteration: 2382; Percent complete: 59.6%; Average loss: 2.3554  
Iteration: 2383; Percent complete: 59.6%; Average loss: 2.3790  
Iteration: 2384; Percent complete: 59.6%; Average loss: 2.3312  
Iteration: 2385; Percent complete: 59.6%; Average loss: 2.1952  
Iteration: 2386; Percent complete: 59.7%; Average loss: 2.2959  
Iteration: 2387; Percent complete: 59.7%; Average loss: 2.3422  
Iteration: 2388; Percent complete: 59.7%; Average loss: 2.4954  
Iteration: 2389; Percent complete: 59.7%; Average loss: 1.9673  
Iteration: 2390; Percent complete: 59.8%; Average loss: 2.1157  
Iteration: 2391; Percent complete: 59.8%; Average loss: 2.1392  
Iteration: 2392; Percent complete: 59.8%; Average loss: 2.0522  
Iteration: 2393; Percent complete: 59.8%; Average loss: 2.3412  
Iteration: 2394; Percent complete: 59.9%; Average loss: 2.1634  
Iteration: 2395; Percent complete: 59.9%; Average loss: 2.2931  
Iteration: 2396; Percent complete: 59.9%; Average loss: 2.0831  
Iteration: 2397; Percent complete: 59.9%; Average loss: 2.1927  
Iteration: 2398; Percent complete: 60.0%; Average loss: 1.8728  
Iteration: 2399; Percent complete: 60.0%; Average loss: 2.0219  
Iteration: 2400; Percent complete: 60.0%; Average loss: 1.9872  
Iteration: 2401; Percent complete: 60.0%; Average loss: 2.3427  
Iteration: 2402; Percent complete: 60.1%; Average loss: 2.3378  
Iteration: 2403; Percent complete: 60.1%; Average loss: 2.2342  
Iteration: 2404; Percent complete: 60.1%; Average loss: 2.3164  
Iteration: 2405; Percent complete: 60.1%; Average loss: 2.1742  
Iteration: 2406; Percent complete: 60.2%; Average loss: 2.2304  
Iteration: 2407; Percent complete: 60.2%; Average loss: 1.9412  
Iteration: 2408; Percent complete: 60.2%; Average loss: 2.0213  
Iteration: 2409; Percent complete: 60.2%; Average loss: 2.0613  
Iteration: 2410; Percent complete: 60.2%; Average loss: 2.0298  
Iteration: 2411; Percent complete: 60.3%; Average loss: 2.1266  
Iteration: 2412; Percent complete: 60.3%; Average loss: 2.3851  
Iteration: 2413; Percent complete: 60.3%; Average loss: 2.1043  
Iteration: 2414; Percent complete: 60.4%; Average loss: 2.0163  
Iteration: 2415; Percent complete: 60.4%; Average loss: 1.9624  
Iteration: 2416; Percent complete: 60.4%; Average loss: 2.2631  
Iteration: 2417; Percent complete: 60.4%; Average loss: 2.1629  
Iteration: 2418; Percent complete: 60.5%; Average loss: 1.9613  
Iteration: 2419; Percent complete: 60.5%; Average loss: 2.1849  
Iteration: 2420; Percent complete: 60.5%; Average loss: 2.3836  
Iteration: 2421; Percent complete: 60.5%; Average loss: 2.0571  
Iteration: 2422; Percent complete: 60.6%; Average loss: 1.9961  
Iteration: 2423; Percent complete: 60.6%; Average loss: 1.9583  
Iteration: 2424; Percent complete: 60.6%; Average loss: 2.1466  
Iteration: 2425; Percent complete: 60.6%; Average loss: 2.2185  
Iteration: 2426; Percent complete: 60.7%; Average loss: 1.9145  
Iteration: 2427; Percent complete: 60.7%; Average loss: 2.0746  
Iteration: 2428; Percent complete: 60.7%; Average loss: 2.3322  
Iteration: 2429; Percent complete: 60.7%; Average loss: 2.2176  
Iteration: 2430; Percent complete: 60.8%; Average loss: 2.0349  
Iteration: 2431; Percent complete: 60.8%; Average loss: 2.4221  
Iteration: 2432; Percent complete: 60.8%; Average loss: 1.9855  
Iteration: 2433; Percent complete: 60.8%; Average loss: 2.3781  
Iteration: 2434; Percent complete: 60.9%; Average loss: 2.1475  
Iteration: 2435; Percent complete: 60.9%; Average loss: 2.1609  
Iteration: 2436; Percent complete: 60.9%; Average loss: 2.1475  
Iteration: 2437; Percent complete: 60.9%; Average loss: 2.0423  
Iteration: 2438; Percent complete: 61.0%; Average loss: 1.9879  
Iteration: 2439; Percent complete: 61.0%; Average loss: 2.2248  
Iteration: 2440; Percent complete: 61.0%; Average loss: 2.2098  
Iteration: 2441; Percent complete: 61.0%; Average loss: 2.1291  
Iteration: 2442; Percent complete: 61.1%; Average loss: 2.0229  
Iteration: 2443; Percent complete: 61.1%; Average loss: 2.2258  
Iteration: 2444; Percent complete: 61.1%; Average loss: 1.8312  
Iteration: 2445; Percent complete: 61.1%; Average loss: 2.2176  
Iteration: 2446; Percent complete: 61.2%; Average loss: 2.3989  
Iteration: 2447; Percent complete: 61.2%; Average loss: 2.2451  
Iteration: 2448; Percent complete: 61.2%; Average loss: 2.2563  
Iteration: 2449; Percent complete: 61.2%; Average loss: 1.8510  
Iteration: 2450; Percent complete: 61.3%; Average loss: 2.1060  
Iteration: 2451; Percent complete: 61.3%; Average loss: 1.9728  
Iteration: 2452; Percent complete: 61.3%; Average loss: 2.0922  
Iteration: 2453; Percent complete: 61.3%; Average loss: 2.1619  
Iteration: 2454; Percent complete: 61.4%; Average loss: 2.2827  
Iteration: 2455; Percent complete: 61.4%; Average loss: 2.2281  
Iteration: 2456; Percent complete: 61.4%; Average loss: 1.9569  
Iteration: 2457; Percent complete: 61.4%; Average loss: 2.1421  
Iteration: 2458; Percent complete: 61.5%; Average loss: 2.1111  
Iteration: 2459; Percent complete: 61.5%; Average loss: 2.1327  
Iteration: 2460; Percent complete: 61.5%; Average loss: 2.0229  
Iteration: 2461; Percent complete: 61.5%; Average loss: 1.9530  
Iteration: 2462; Percent complete: 61.6%; Average loss: 2.0020  
Iteration: 2463; Percent complete: 61.6%; Average loss: 2.0201  
Iteration: 2464; Percent complete: 61.6%; Average loss: 2.2324  
Iteration: 2465; Percent complete: 61.6%; Average loss: 1.9355

Iteration: 2465; Percent complete: 61.6%; Average loss: 2.1255  
Iteration: 2466; Percent complete: 61.7%; Average loss: 1.9808  
Iteration: 2467; Percent complete: 61.7%; Average loss: 2.0374  
Iteration: 2468; Percent complete: 61.7%; Average loss: 2.4041  
Iteration: 2469; Percent complete: 61.7%; Average loss: 2.1412  
Iteration: 2470; Percent complete: 61.8%; Average loss: 2.1955  
Iteration: 2471; Percent complete: 61.8%; Average loss: 2.1272  
Iteration: 2472; Percent complete: 61.8%; Average loss: 2.1822  
Iteration: 2473; Percent complete: 61.8%; Average loss: 2.2426  
Iteration: 2474; Percent complete: 61.9%; Average loss: 2.3064  
Iteration: 2475; Percent complete: 61.9%; Average loss: 2.2297  
Iteration: 2476; Percent complete: 61.9%; Average loss: 1.9248  
Iteration: 2477; Percent complete: 61.9%; Average loss: 2.1702  
Iteration: 2478; Percent complete: 62.0%; Average loss: 2.1869  
Iteration: 2479; Percent complete: 62.0%; Average loss: 2.0073  
Iteration: 2480; Percent complete: 62.0%; Average loss: 2.0837  
Iteration: 2481; Percent complete: 62.0%; Average loss: 2.1378  
Iteration: 2482; Percent complete: 62.1%; Average loss: 2.1398  
Iteration: 2483; Percent complete: 62.1%; Average loss: 2.1798  
Iteration: 2484; Percent complete: 62.1%; Average loss: 2.1232  
Iteration: 2485; Percent complete: 62.1%; Average loss: 2.3200  
Iteration: 2486; Percent complete: 62.2%; Average loss: 2.4432  
Iteration: 2487; Percent complete: 62.2%; Average loss: 2.0546  
Iteration: 2488; Percent complete: 62.2%; Average loss: 2.2700  
Iteration: 2489; Percent complete: 62.2%; Average loss: 2.0816  
Iteration: 2490; Percent complete: 62.3%; Average loss: 2.2050  
Iteration: 2491; Percent complete: 62.3%; Average loss: 2.1205  
Iteration: 2492; Percent complete: 62.3%; Average loss: 2.2544  
Iteration: 2493; Percent complete: 62.3%; Average loss: 2.2289  
Iteration: 2494; Percent complete: 62.4%; Average loss: 2.2069  
Iteration: 2495; Percent complete: 62.4%; Average loss: 2.0444  
Iteration: 2496; Percent complete: 62.4%; Average loss: 2.2436  
Iteration: 2497; Percent complete: 62.4%; Average loss: 2.3488  
Iteration: 2498; Percent complete: 62.5%; Average loss: 2.0121  
Iteration: 2499; Percent complete: 62.5%; Average loss: 2.5229  
Iteration: 2500; Percent complete: 62.5%; Average loss: 2.0607  
Iteration: 2501; Percent complete: 62.5%; Average loss: 1.9689  
Iteration: 2502; Percent complete: 62.5%; Average loss: 2.0597  
Iteration: 2503; Percent complete: 62.6%; Average loss: 2.1913  
Iteration: 2504; Percent complete: 62.6%; Average loss: 2.1183  
Iteration: 2505; Percent complete: 62.6%; Average loss: 2.2034  
Iteration: 2506; Percent complete: 62.6%; Average loss: 2.1593  
Iteration: 2507; Percent complete: 62.7%; Average loss: 2.1260  
Iteration: 2508; Percent complete: 62.7%; Average loss: 2.2069  
Iteration: 2509; Percent complete: 62.7%; Average loss: 2.0839  
Iteration: 2510; Percent complete: 62.7%; Average loss: 2.1798  
Iteration: 2511; Percent complete: 62.8%; Average loss: 1.8909  
Iteration: 2512; Percent complete: 62.8%; Average loss: 2.2524  
Iteration: 2513; Percent complete: 62.8%; Average loss: 2.2787  
Iteration: 2514; Percent complete: 62.8%; Average loss: 2.2927  
Iteration: 2515; Percent complete: 62.9%; Average loss: 2.4009  
Iteration: 2516; Percent complete: 62.9%; Average loss: 1.8989  
Iteration: 2517; Percent complete: 62.9%; Average loss: 2.3243  
Iteration: 2518; Percent complete: 62.9%; Average loss: 2.1393  
Iteration: 2519; Percent complete: 63.0%; Average loss: 2.1372  
Iteration: 2520; Percent complete: 63.0%; Average loss: 2.0475  
Iteration: 2521; Percent complete: 63.0%; Average loss: 1.8451  
Iteration: 2522; Percent complete: 63.0%; Average loss: 2.1098  
Iteration: 2523; Percent complete: 63.1%; Average loss: 2.0566  
Iteration: 2524; Percent complete: 63.1%; Average loss: 2.1056  
Iteration: 2525; Percent complete: 63.1%; Average loss: 2.0046  
Iteration: 2526; Percent complete: 63.1%; Average loss: 2.1050  
Iteration: 2527; Percent complete: 63.2%; Average loss: 2.2232  
Iteration: 2528; Percent complete: 63.2%; Average loss: 2.2672  
Iteration: 2529; Percent complete: 63.2%; Average loss: 1.8296  
Iteration: 2530; Percent complete: 63.2%; Average loss: 2.1985  
Iteration: 2531; Percent complete: 63.3%; Average loss: 1.9817  
Iteration: 2532; Percent complete: 63.3%; Average loss: 2.0597  
Iteration: 2533; Percent complete: 63.3%; Average loss: 2.0136  
Iteration: 2534; Percent complete: 63.3%; Average loss: 2.1025  
Iteration: 2535; Percent complete: 63.4%; Average loss: 2.0663  
Iteration: 2536; Percent complete: 63.4%; Average loss: 2.0214  
Iteration: 2537; Percent complete: 63.4%; Average loss: 2.2127  
Iteration: 2538; Percent complete: 63.4%; Average loss: 2.2048  
Iteration: 2539; Percent complete: 63.5%; Average loss: 2.0803  
Iteration: 2540; Percent complete: 63.5%; Average loss: 2.0636  
Iteration: 2541; Percent complete: 63.5%; Average loss: 2.2597  
Iteration: 2542; Percent complete: 63.5%; Average loss: 2.3378  
Iteration: 2543; Percent complete: 63.6%; Average loss: 2.0846  
Iteration: 2544; Percent complete: 63.6%; Average loss: 2.2351  
Iteration: 2545; Percent complete: 63.6%; Average loss: 2.1992  
Iteration: 2546; Percent complete: 63.6%; Average loss: 2.1318  
Iteration: 2547; Percent complete: 63.7%; Average loss: 2.2467  
Iteration: 2548; Percent complete: 63.7%; Average loss: 2.2403  
Iteration: 2549; Percent complete: 63.7%; Average loss: 2.0758  
Iteration: 2550; Percent complete: 63.7%; Average loss: 2.2021  
Iteration: 2551; Percent complete: 63.8%; Average loss: 1.9619  
Iteration: 2552; Percent complete: 63.8%; Average loss: 2.0683  
Iteration: 2553; Percent complete: 63.8%; Average loss: 2.4058  
Iteration: 2554; Percent complete: 63.8%; Average loss: 2.1299  
Iteration: 2555; Percent complete: 63.9%; Average loss: 2.1102  
Iteration: 2556; Percent complete: 63.9%; Average loss: 1.9504

Iteration: 2558; Percent complete: 63.9%; Average loss: 2.3798  
Iteration: 2557; Percent complete: 63.9%; Average loss: 2.3798  
Iteration: 2558; Percent complete: 63.9%; Average loss: 2.4525  
Iteration: 2559; Percent complete: 64.0%; Average loss: 1.9918  
Iteration: 2560; Percent complete: 64.0%; Average loss: 2.0579  
Iteration: 2561; Percent complete: 64.0%; Average loss: 2.2118  
Iteration: 2562; Percent complete: 64.0%; Average loss: 2.3011  
Iteration: 2563; Percent complete: 64.1%; Average loss: 2.1241  
Iteration: 2564; Percent complete: 64.1%; Average loss: 2.2542  
Iteration: 2565; Percent complete: 64.1%; Average loss: 2.0014  
Iteration: 2566; Percent complete: 64.1%; Average loss: 1.8794  
Iteration: 2567; Percent complete: 64.2%; Average loss: 2.0057  
Iteration: 2568; Percent complete: 64.2%; Average loss: 2.3231  
Iteration: 2569; Percent complete: 64.2%; Average loss: 2.1531  
Iteration: 2570; Percent complete: 64.2%; Average loss: 1.9197  
Iteration: 2571; Percent complete: 64.3%; Average loss: 2.3284  
Iteration: 2572; Percent complete: 64.3%; Average loss: 2.1838  
Iteration: 2573; Percent complete: 64.3%; Average loss: 2.0835  
Iteration: 2574; Percent complete: 64.3%; Average loss: 2.1014  
Iteration: 2575; Percent complete: 64.4%; Average loss: 2.2354  
Iteration: 2576; Percent complete: 64.4%; Average loss: 2.2634  
Iteration: 2577; Percent complete: 64.4%; Average loss: 2.2199  
Iteration: 2578; Percent complete: 64.5%; Average loss: 2.1933  
Iteration: 2579; Percent complete: 64.5%; Average loss: 2.0633  
Iteration: 2580; Percent complete: 64.5%; Average loss: 2.1926  
Iteration: 2581; Percent complete: 64.5%; Average loss: 2.2541  
Iteration: 2582; Percent complete: 64.5%; Average loss: 2.1773  
Iteration: 2583; Percent complete: 64.6%; Average loss: 2.1187  
Iteration: 2584; Percent complete: 64.6%; Average loss: 2.1495  
Iteration: 2585; Percent complete: 64.6%; Average loss: 1.9496  
Iteration: 2586; Percent complete: 64.6%; Average loss: 2.1974  
Iteration: 2587; Percent complete: 64.7%; Average loss: 2.2448  
Iteration: 2588; Percent complete: 64.7%; Average loss: 2.2661  
Iteration: 2589; Percent complete: 64.7%; Average loss: 2.3586  
Iteration: 2590; Percent complete: 64.8%; Average loss: 2.0155  
Iteration: 2591; Percent complete: 64.8%; Average loss: 1.9719  
Iteration: 2592; Percent complete: 64.8%; Average loss: 2.1526  
Iteration: 2593; Percent complete: 64.8%; Average loss: 2.2157  
Iteration: 2594; Percent complete: 64.8%; Average loss: 1.8137  
Iteration: 2595; Percent complete: 64.9%; Average loss: 2.1672  
Iteration: 2596; Percent complete: 64.9%; Average loss: 2.4122  
Iteration: 2597; Percent complete: 64.9%; Average loss: 2.2461  
Iteration: 2598; Percent complete: 65.0%; Average loss: 2.0966  
Iteration: 2599; Percent complete: 65.0%; Average loss: 1.9064  
Iteration: 2600; Percent complete: 65.0%; Average loss: 2.3662  
Iteration: 2601; Percent complete: 65.0%; Average loss: 1.9336  
Iteration: 2602; Percent complete: 65.0%; Average loss: 1.7236  
Iteration: 2603; Percent complete: 65.1%; Average loss: 2.1498  
Iteration: 2604; Percent complete: 65.1%; Average loss: 2.0272  
Iteration: 2605; Percent complete: 65.1%; Average loss: 2.0410  
Iteration: 2606; Percent complete: 65.1%; Average loss: 2.1879  
Iteration: 2607; Percent complete: 65.2%; Average loss: 2.1810  
Iteration: 2608; Percent complete: 65.2%; Average loss: 2.0978  
Iteration: 2609; Percent complete: 65.2%; Average loss: 2.2214  
Iteration: 2610; Percent complete: 65.2%; Average loss: 2.1241  
Iteration: 2611; Percent complete: 65.3%; Average loss: 2.1004  
Iteration: 2612; Percent complete: 65.3%; Average loss: 2.2753  
Iteration: 2613; Percent complete: 65.3%; Average loss: 2.2210  
Iteration: 2614; Percent complete: 65.3%; Average loss: 2.2847  
Iteration: 2615; Percent complete: 65.4%; Average loss: 2.3816  
Iteration: 2616; Percent complete: 65.4%; Average loss: 2.2894  
Iteration: 2617; Percent complete: 65.4%; Average loss: 1.9876  
Iteration: 2618; Percent complete: 65.5%; Average loss: 2.1451  
Iteration: 2619; Percent complete: 65.5%; Average loss: 2.0680  
Iteration: 2620; Percent complete: 65.5%; Average loss: 1.9625  
Iteration: 2621; Percent complete: 65.5%; Average loss: 2.2249  
Iteration: 2622; Percent complete: 65.5%; Average loss: 2.0978  
Iteration: 2623; Percent complete: 65.6%; Average loss: 2.2193  
Iteration: 2624; Percent complete: 65.6%; Average loss: 2.0423  
Iteration: 2625; Percent complete: 65.6%; Average loss: 2.1973  
Iteration: 2626; Percent complete: 65.6%; Average loss: 2.2516  
Iteration: 2627; Percent complete: 65.7%; Average loss: 2.1243  
Iteration: 2628; Percent complete: 65.7%; Average loss: 2.0639  
Iteration: 2629; Percent complete: 65.7%; Average loss: 2.0840  
Iteration: 2630; Percent complete: 65.8%; Average loss: 1.7628  
Iteration: 2631; Percent complete: 65.8%; Average loss: 2.2101  
Iteration: 2632; Percent complete: 65.8%; Average loss: 2.4350  
Iteration: 2633; Percent complete: 65.8%; Average loss: 2.2193  
Iteration: 2634; Percent complete: 65.8%; Average loss: 2.0952  
Iteration: 2635; Percent complete: 65.9%; Average loss: 2.0292  
Iteration: 2636; Percent complete: 65.9%; Average loss: 2.2703  
Iteration: 2637; Percent complete: 65.9%; Average loss: 2.1939  
Iteration: 2638; Percent complete: 66.0%; Average loss: 2.2678  
Iteration: 2639; Percent complete: 66.0%; Average loss: 2.0934  
Iteration: 2640; Percent complete: 66.0%; Average loss: 2.0694  
Iteration: 2641; Percent complete: 66.0%; Average loss: 2.0748  
Iteration: 2642; Percent complete: 66.0%; Average loss: 2.0955  
Iteration: 2643; Percent complete: 66.1%; Average loss: 2.2696  
Iteration: 2644; Percent complete: 66.1%; Average loss: 1.9043  
Iteration: 2645; Percent complete: 66.1%; Average loss: 1.9033  
Iteration: 2646; Percent complete: 66.1%; Average loss: 2.0469  
Iteration: 2647; Percent complete: 66.2%; Average loss: 2.3781



Iteration: 2648; Percent complete: 66.2%; Average loss: 2.1200  
Iteration: 2649; Percent complete: 66.2%; Average loss: 2.1795  
Iteration: 2650; Percent complete: 66.2%; Average loss: 1.9141  
Iteration: 2651; Percent complete: 66.3%; Average loss: 2.2153  
Iteration: 2652; Percent complete: 66.3%; Average loss: 1.9965  
Iteration: 2653; Percent complete: 66.3%; Average loss: 2.0166  
Iteration: 2654; Percent complete: 66.3%; Average loss: 2.2327  
Iteration: 2655; Percent complete: 66.4%; Average loss: 2.0641  
Iteration: 2656; Percent complete: 66.4%; Average loss: 2.1163  
Iteration: 2657; Percent complete: 66.4%; Average loss: 2.1228  
Iteration: 2658; Percent complete: 66.5%; Average loss: 1.9034  
Iteration: 2659; Percent complete: 66.5%; Average loss: 2.2342  
Iteration: 2660; Percent complete: 66.5%; Average loss: 2.1598  
Iteration: 2661; Percent complete: 66.5%; Average loss: 2.0998  
Iteration: 2662; Percent complete: 66.5%; Average loss: 2.0105  
Iteration: 2663; Percent complete: 66.6%; Average loss: 2.0692  
Iteration: 2664; Percent complete: 66.6%; Average loss: 2.0625  
Iteration: 2665; Percent complete: 66.6%; Average loss: 2.0120  
Iteration: 2666; Percent complete: 66.6%; Average loss: 2.4520  
Iteration: 2667; Percent complete: 66.7%; Average loss: 2.0574  
Iteration: 2668; Percent complete: 66.7%; Average loss: 2.2723  
Iteration: 2669; Percent complete: 66.7%; Average loss: 2.0679  
Iteration: 2670; Percent complete: 66.8%; Average loss: 1.9610  
Iteration: 2671; Percent complete: 66.8%; Average loss: 1.8522  
Iteration: 2672; Percent complete: 66.8%; Average loss: 2.1439  
Iteration: 2673; Percent complete: 66.8%; Average loss: 2.2194  
Iteration: 2674; Percent complete: 66.8%; Average loss: 2.2581  
Iteration: 2675; Percent complete: 66.9%; Average loss: 2.0367  
Iteration: 2676; Percent complete: 66.9%; Average loss: 1.9288  
Iteration: 2677; Percent complete: 66.9%; Average loss: 2.2754  
Iteration: 2678; Percent complete: 67.0%; Average loss: 2.1536  
Iteration: 2679; Percent complete: 67.0%; Average loss: 2.4856  
Iteration: 2680; Percent complete: 67.0%; Average loss: 2.0380  
Iteration: 2681; Percent complete: 67.0%; Average loss: 2.1772  
Iteration: 2682; Percent complete: 67.0%; Average loss: 2.1814  
Iteration: 2683; Percent complete: 67.1%; Average loss: 2.0720  
Iteration: 2684; Percent complete: 67.1%; Average loss: 2.1907  
Iteration: 2685; Percent complete: 67.1%; Average loss: 1.9253  
Iteration: 2686; Percent complete: 67.2%; Average loss: 2.0622  
Iteration: 2687; Percent complete: 67.2%; Average loss: 2.1213  
Iteration: 2688; Percent complete: 67.2%; Average loss: 2.1032  
Iteration: 2689; Percent complete: 67.2%; Average loss: 2.0168  
Iteration: 2690; Percent complete: 67.2%; Average loss: 2.1019  
Iteration: 2691; Percent complete: 67.3%; Average loss: 2.0687  
Iteration: 2692; Percent complete: 67.3%; Average loss: 2.2156  
Iteration: 2693; Percent complete: 67.3%; Average loss: 2.1881  
Iteration: 2694; Percent complete: 67.3%; Average loss: 2.1690  
Iteration: 2695; Percent complete: 67.4%; Average loss: 2.1731  
Iteration: 2696; Percent complete: 67.4%; Average loss: 2.2204  
Iteration: 2697; Percent complete: 67.4%; Average loss: 2.0404  
Iteration: 2698; Percent complete: 67.5%; Average loss: 2.2127  
Iteration: 2699; Percent complete: 67.5%; Average loss: 2.0769  
Iteration: 2700; Percent complete: 67.5%; Average loss: 1.9777  
Iteration: 2701; Percent complete: 67.5%; Average loss: 2.2364  
Iteration: 2702; Percent complete: 67.5%; Average loss: 2.2942  
Iteration: 2703; Percent complete: 67.6%; Average loss: 2.0095  
Iteration: 2704; Percent complete: 67.6%; Average loss: 2.2561  
Iteration: 2705; Percent complete: 67.6%; Average loss: 2.0900  
Iteration: 2706; Percent complete: 67.7%; Average loss: 2.1498  
Iteration: 2707; Percent complete: 67.7%; Average loss: 1.9851  
Iteration: 2708; Percent complete: 67.7%; Average loss: 1.9456  
Iteration: 2709; Percent complete: 67.7%; Average loss: 1.9944  
Iteration: 2710; Percent complete: 67.8%; Average loss: 2.0284  
Iteration: 2711; Percent complete: 67.8%; Average loss: 2.1072  
Iteration: 2712; Percent complete: 67.8%; Average loss: 2.3415  
Iteration: 2713; Percent complete: 67.8%; Average loss: 1.9784  
Iteration: 2714; Percent complete: 67.8%; Average loss: 1.9495  
Iteration: 2715; Percent complete: 67.9%; Average loss: 1.8480  
Iteration: 2716; Percent complete: 67.9%; Average loss: 2.1663  
Iteration: 2717; Percent complete: 67.9%; Average loss: 2.0790  
Iteration: 2718; Percent complete: 68.0%; Average loss: 1.9915  
Iteration: 2719; Percent complete: 68.0%; Average loss: 2.2774  
Iteration: 2720; Percent complete: 68.0%; Average loss: 2.0748  
Iteration: 2721; Percent complete: 68.0%; Average loss: 2.0005  
Iteration: 2722; Percent complete: 68.0%; Average loss: 2.1243  
Iteration: 2723; Percent complete: 68.1%; Average loss: 2.0420  
Iteration: 2724; Percent complete: 68.1%; Average loss: 1.9328  
Iteration: 2725; Percent complete: 68.1%; Average loss: 2.0192  
Iteration: 2726; Percent complete: 68.2%; Average loss: 2.2611  
Iteration: 2727; Percent complete: 68.2%; Average loss: 2.2464  
Iteration: 2728; Percent complete: 68.2%; Average loss: 1.9958  
Iteration: 2729; Percent complete: 68.2%; Average loss: 2.1569  
Iteration: 2730; Percent complete: 68.2%; Average loss: 2.0392  
Iteration: 2731; Percent complete: 68.3%; Average loss: 1.9434  
Iteration: 2732; Percent complete: 68.3%; Average loss: 2.1350  
Iteration: 2733; Percent complete: 68.3%; Average loss: 2.3832  
Iteration: 2734; Percent complete: 68.3%; Average loss: 1.9539  
Iteration: 2735; Percent complete: 68.4%; Average loss: 1.9495  
Iteration: 2736; Percent complete: 68.4%; Average loss: 2.0541  
Iteration: 2737; Percent complete: 68.4%; Average loss: 2.3418  
Iteration: 2738; Percent complete: 68.5%; Average loss: 2.1917

Iteration: 2739; Percent complete: 68.5%; Average loss: 1.9525  
Iteration: 2740; Percent complete: 68.5%; Average loss: 2.0253  
Iteration: 2741; Percent complete: 68.5%; Average loss: 2.0710  
Iteration: 2742; Percent complete: 68.5%; Average loss: 2.0066  
Iteration: 2743; Percent complete: 68.6%; Average loss: 2.0498  
Iteration: 2744; Percent complete: 68.6%; Average loss: 1.9982  
Iteration: 2745; Percent complete: 68.6%; Average loss: 2.0355  
Iteration: 2746; Percent complete: 68.7%; Average loss: 2.1554  
Iteration: 2747; Percent complete: 68.7%; Average loss: 2.0766  
Iteration: 2748; Percent complete: 68.7%; Average loss: 1.9332  
Iteration: 2749; Percent complete: 68.7%; Average loss: 2.1931  
Iteration: 2750; Percent complete: 68.8%; Average loss: 2.0125  
Iteration: 2751; Percent complete: 68.8%; Average loss: 1.9191  
Iteration: 2752; Percent complete: 68.8%; Average loss: 1.9991  
Iteration: 2753; Percent complete: 68.8%; Average loss: 2.0085  
Iteration: 2754; Percent complete: 68.8%; Average loss: 1.9302  
Iteration: 2755; Percent complete: 68.9%; Average loss: 2.2873  
Iteration: 2756; Percent complete: 68.9%; Average loss: 2.1343  
Iteration: 2757; Percent complete: 68.9%; Average loss: 2.0112  
Iteration: 2758; Percent complete: 69.0%; Average loss: 2.2675  
Iteration: 2759; Percent complete: 69.0%; Average loss: 2.2034  
Iteration: 2760; Percent complete: 69.0%; Average loss: 2.1070  
Iteration: 2761; Percent complete: 69.0%; Average loss: 2.0659  
Iteration: 2762; Percent complete: 69.0%; Average loss: 2.0414  
Iteration: 2763; Percent complete: 69.1%; Average loss: 2.3006  
Iteration: 2764; Percent complete: 69.1%; Average loss: 2.2176  
Iteration: 2765; Percent complete: 69.1%; Average loss: 2.3128  
Iteration: 2766; Percent complete: 69.2%; Average loss: 2.0879  
Iteration: 2767; Percent complete: 69.2%; Average loss: 2.2249  
Iteration: 2768; Percent complete: 69.2%; Average loss: 2.0405  
Iteration: 2769; Percent complete: 69.2%; Average loss: 2.0013  
Iteration: 2770; Percent complete: 69.2%; Average loss: 2.3729  
Iteration: 2771; Percent complete: 69.3%; Average loss: 2.0238  
Iteration: 2772; Percent complete: 69.3%; Average loss: 1.8884  
Iteration: 2773; Percent complete: 69.3%; Average loss: 1.9605  
Iteration: 2774; Percent complete: 69.3%; Average loss: 1.8245  
Iteration: 2775; Percent complete: 69.4%; Average loss: 2.1395  
Iteration: 2776; Percent complete: 69.4%; Average loss: 2.1390  
Iteration: 2777; Percent complete: 69.4%; Average loss: 2.0883  
Iteration: 2778; Percent complete: 69.5%; Average loss: 2.0986  
Iteration: 2779; Percent complete: 69.5%; Average loss: 2.1428  
Iteration: 2780; Percent complete: 69.5%; Average loss: 2.2110  
Iteration: 2781; Percent complete: 69.5%; Average loss: 2.1887  
Iteration: 2782; Percent complete: 69.5%; Average loss: 1.9986  
Iteration: 2783; Percent complete: 69.6%; Average loss: 2.0404  
Iteration: 2784; Percent complete: 69.6%; Average loss: 1.9135  
Iteration: 2785; Percent complete: 69.6%; Average loss: 2.0512  
Iteration: 2786; Percent complete: 69.7%; Average loss: 2.3124  
Iteration: 2787; Percent complete: 69.7%; Average loss: 1.9337  
Iteration: 2788; Percent complete: 69.7%; Average loss: 2.2717  
Iteration: 2789; Percent complete: 69.7%; Average loss: 2.0456  
Iteration: 2790; Percent complete: 69.8%; Average loss: 1.8904  
Iteration: 2791; Percent complete: 69.8%; Average loss: 2.1331  
Iteration: 2792; Percent complete: 69.8%; Average loss: 1.9567  
Iteration: 2793; Percent complete: 69.8%; Average loss: 2.1809  
Iteration: 2794; Percent complete: 69.8%; Average loss: 2.0599  
Iteration: 2795; Percent complete: 69.9%; Average loss: 1.9979  
Iteration: 2796; Percent complete: 69.9%; Average loss: 2.2798  
Iteration: 2797; Percent complete: 69.9%; Average loss: 1.9456  
Iteration: 2798; Percent complete: 70.0%; Average loss: 2.1995  
Iteration: 2799; Percent complete: 70.0%; Average loss: 2.0618  
Iteration: 2800; Percent complete: 70.0%; Average loss: 1.8040  
Iteration: 2801; Percent complete: 70.0%; Average loss: 2.1486  
Iteration: 2802; Percent complete: 70.0%; Average loss: 2.1240  
Iteration: 2803; Percent complete: 70.1%; Average loss: 1.9925  
Iteration: 2804; Percent complete: 70.1%; Average loss: 2.0881  
Iteration: 2805; Percent complete: 70.1%; Average loss: 2.0875  
Iteration: 2806; Percent complete: 70.2%; Average loss: 2.1370  
Iteration: 2807; Percent complete: 70.2%; Average loss: 2.0553  
Iteration: 2808; Percent complete: 70.2%; Average loss: 1.8903  
Iteration: 2809; Percent complete: 70.2%; Average loss: 2.2154  
Iteration: 2810; Percent complete: 70.2%; Average loss: 2.3115  
Iteration: 2811; Percent complete: 70.3%; Average loss: 2.1213  
Iteration: 2812; Percent complete: 70.3%; Average loss: 2.1193  
Iteration: 2813; Percent complete: 70.3%; Average loss: 2.2482  
Iteration: 2814; Percent complete: 70.3%; Average loss: 2.2075  
Iteration: 2815; Percent complete: 70.4%; Average loss: 1.9786  
Iteration: 2816; Percent complete: 70.4%; Average loss: 1.9934  
Iteration: 2817; Percent complete: 70.4%; Average loss: 2.2074  
Iteration: 2818; Percent complete: 70.5%; Average loss: 2.0643  
Iteration: 2819; Percent complete: 70.5%; Average loss: 2.1481  
Iteration: 2820; Percent complete: 70.5%; Average loss: 1.8877  
Iteration: 2821; Percent complete: 70.5%; Average loss: 1.9460  
Iteration: 2822; Percent complete: 70.5%; Average loss: 2.1605  
Iteration: 2823; Percent complete: 70.6%; Average loss: 2.0723  
Iteration: 2824; Percent complete: 70.6%; Average loss: 2.0461  
Iteration: 2825; Percent complete: 70.6%; Average loss: 2.0848  
Iteration: 2826; Percent complete: 70.7%; Average loss: 2.2238  
Iteration: 2827; Percent complete: 70.7%; Average loss: 2.0322  
Iteration: 2828; Percent complete: 70.7%; Average loss: 1.9743  
Iteration: 2829; Percent complete: 70.7%; Average loss: 2.2177  
Iteration: 2830; Percent complete: 70.8%; Average loss: 1.9624

Iteration: 2830; Percent complete: 70.8%; Average loss: 1.9811  
Iteration: 2831; Percent complete: 70.8%; Average loss: 2.0837  
Iteration: 2832; Percent complete: 70.8%; Average loss: 2.0519  
Iteration: 2833; Percent complete: 70.8%; Average loss: 2.0367  
Iteration: 2834; Percent complete: 70.9%; Average loss: 2.1633  
Iteration: 2835; Percent complete: 70.9%; Average loss: 2.1722  
Iteration: 2836; Percent complete: 70.9%; Average loss: 2.0391  
Iteration: 2837; Percent complete: 70.9%; Average loss: 2.3884  
Iteration: 2838; Percent complete: 71.0%; Average loss: 1.9977  
Iteration: 2839; Percent complete: 71.0%; Average loss: 2.0088  
Iteration: 2840; Percent complete: 71.0%; Average loss: 1.8700  
Iteration: 2841; Percent complete: 71.0%; Average loss: 2.3151  
Iteration: 2842; Percent complete: 71.0%; Average loss: 2.1291  
Iteration: 2843; Percent complete: 71.1%; Average loss: 2.0897  
Iteration: 2844; Percent complete: 71.1%; Average loss: 2.1131  
Iteration: 2845; Percent complete: 71.1%; Average loss: 1.9029  
Iteration: 2846; Percent complete: 71.2%; Average loss: 2.1683  
Iteration: 2847; Percent complete: 71.2%; Average loss: 2.3422  
Iteration: 2848; Percent complete: 71.2%; Average loss: 1.9971  
Iteration: 2849; Percent complete: 71.2%; Average loss: 2.0972  
Iteration: 2850; Percent complete: 71.2%; Average loss: 1.9188  
Iteration: 2851; Percent complete: 71.3%; Average loss: 2.1116  
Iteration: 2852; Percent complete: 71.3%; Average loss: 2.2720  
Iteration: 2853; Percent complete: 71.3%; Average loss: 2.1464  
Iteration: 2854; Percent complete: 71.4%; Average loss: 2.0266  
Iteration: 2855; Percent complete: 71.4%; Average loss: 2.1329  
Iteration: 2856; Percent complete: 71.4%; Average loss: 2.0990  
Iteration: 2857; Percent complete: 71.4%; Average loss: 1.9641  
Iteration: 2858; Percent complete: 71.5%; Average loss: 2.1553  
Iteration: 2859; Percent complete: 71.5%; Average loss: 2.0261  
Iteration: 2860; Percent complete: 71.5%; Average loss: 2.2191  
Iteration: 2861; Percent complete: 71.5%; Average loss: 2.2048  
Iteration: 2862; Percent complete: 71.5%; Average loss: 2.0194  
Iteration: 2863; Percent complete: 71.6%; Average loss: 2.0763  
Iteration: 2864; Percent complete: 71.6%; Average loss: 2.0565  
Iteration: 2865; Percent complete: 71.6%; Average loss: 2.0548  
Iteration: 2866; Percent complete: 71.7%; Average loss: 2.3340  
Iteration: 2867; Percent complete: 71.7%; Average loss: 2.2214  
Iteration: 2868; Percent complete: 71.7%; Average loss: 2.1535  
Iteration: 2869; Percent complete: 71.7%; Average loss: 2.0042  
Iteration: 2870; Percent complete: 71.8%; Average loss: 2.1156  
Iteration: 2871; Percent complete: 71.8%; Average loss: 2.1045  
Iteration: 2872; Percent complete: 71.8%; Average loss: 2.2299  
Iteration: 2873; Percent complete: 71.8%; Average loss: 1.9177  
Iteration: 2874; Percent complete: 71.9%; Average loss: 1.9582  
Iteration: 2875; Percent complete: 71.9%; Average loss: 2.1072  
Iteration: 2876; Percent complete: 71.9%; Average loss: 2.0210  
Iteration: 2877; Percent complete: 71.9%; Average loss: 1.9359  
Iteration: 2878; Percent complete: 72.0%; Average loss: 1.9575  
Iteration: 2879; Percent complete: 72.0%; Average loss: 2.0503  
Iteration: 2880; Percent complete: 72.0%; Average loss: 1.9569  
Iteration: 2881; Percent complete: 72.0%; Average loss: 2.1865  
Iteration: 2882; Percent complete: 72.0%; Average loss: 1.9927  
Iteration: 2883; Percent complete: 72.1%; Average loss: 1.8769  
Iteration: 2884; Percent complete: 72.1%; Average loss: 1.8229  
Iteration: 2885; Percent complete: 72.1%; Average loss: 2.0273  
Iteration: 2886; Percent complete: 72.2%; Average loss: 2.1159  
Iteration: 2887; Percent complete: 72.2%; Average loss: 2.1404  
Iteration: 2888; Percent complete: 72.2%; Average loss: 2.0724  
Iteration: 2889; Percent complete: 72.2%; Average loss: 2.1388  
Iteration: 2890; Percent complete: 72.2%; Average loss: 2.2342  
Iteration: 2891; Percent complete: 72.3%; Average loss: 1.8824  
Iteration: 2892; Percent complete: 72.3%; Average loss: 2.1154  
Iteration: 2893; Percent complete: 72.3%; Average loss: 2.1374  
Iteration: 2894; Percent complete: 72.4%; Average loss: 1.7299  
Iteration: 2895; Percent complete: 72.4%; Average loss: 1.9077  
Iteration: 2896; Percent complete: 72.4%; Average loss: 2.1844  
Iteration: 2897; Percent complete: 72.4%; Average loss: 2.2329  
Iteration: 2898; Percent complete: 72.5%; Average loss: 1.8855  
Iteration: 2899; Percent complete: 72.5%; Average loss: 1.8851  
Iteration: 2900; Percent complete: 72.5%; Average loss: 2.0909  
Iteration: 2901; Percent complete: 72.5%; Average loss: 2.0564  
Iteration: 2902; Percent complete: 72.5%; Average loss: 2.0621  
Iteration: 2903; Percent complete: 72.6%; Average loss: 1.8885  
Iteration: 2904; Percent complete: 72.6%; Average loss: 1.9756  
Iteration: 2905; Percent complete: 72.6%; Average loss: 1.9081  
Iteration: 2906; Percent complete: 72.7%; Average loss: 1.7331  
Iteration: 2907; Percent complete: 72.7%; Average loss: 2.2429  
Iteration: 2908; Percent complete: 72.7%; Average loss: 2.2531  
Iteration: 2909; Percent complete: 72.7%; Average loss: 1.9674  
Iteration: 2910; Percent complete: 72.8%; Average loss: 1.7727  
Iteration: 2911; Percent complete: 72.8%; Average loss: 1.9372  
Iteration: 2912; Percent complete: 72.8%; Average loss: 2.0494  
Iteration: 2913; Percent complete: 72.8%; Average loss: 2.0555  
Iteration: 2914; Percent complete: 72.9%; Average loss: 1.9642  
Iteration: 2915; Percent complete: 72.9%; Average loss: 1.9048  
Iteration: 2916; Percent complete: 72.9%; Average loss: 2.1764  
Iteration: 2917; Percent complete: 72.9%; Average loss: 1.9199  
Iteration: 2918; Percent complete: 73.0%; Average loss: 1.9642  
Iteration: 2919; Percent complete: 73.0%; Average loss: 2.1297  
Iteration: 2920; Percent complete: 73.0%; Average loss: 2.0095  
Iteration: 2921; Percent complete: 73.0%; Average loss: 2.0145

Iteration: 2921; Percent complete: 73.0%; Average loss: 2.0143  
Iteration: 2922; Percent complete: 73.0%; Average loss: 1.9054  
Iteration: 2923; Percent complete: 73.1%; Average loss: 2.0246  
Iteration: 2924; Percent complete: 73.1%; Average loss: 1.8864  
Iteration: 2925; Percent complete: 73.1%; Average loss: 1.9668  
Iteration: 2926; Percent complete: 73.2%; Average loss: 2.0510  
Iteration: 2927; Percent complete: 73.2%; Average loss: 1.7686  
Iteration: 2928; Percent complete: 73.2%; Average loss: 1.8188  
Iteration: 2929; Percent complete: 73.2%; Average loss: 2.1645  
Iteration: 2930; Percent complete: 73.2%; Average loss: 2.1169  
Iteration: 2931; Percent complete: 73.3%; Average loss: 1.9876  
Iteration: 2932; Percent complete: 73.3%; Average loss: 1.9981  
Iteration: 2933; Percent complete: 73.3%; Average loss: 2.2330  
Iteration: 2934; Percent complete: 73.4%; Average loss: 1.9122  
Iteration: 2935; Percent complete: 73.4%; Average loss: 1.7656  
Iteration: 2936; Percent complete: 73.4%; Average loss: 2.2047  
Iteration: 2937; Percent complete: 73.4%; Average loss: 2.0589  
Iteration: 2938; Percent complete: 73.5%; Average loss: 2.4485  
Iteration: 2939; Percent complete: 73.5%; Average loss: 2.0445  
Iteration: 2940; Percent complete: 73.5%; Average loss: 2.0984  
Iteration: 2941; Percent complete: 73.5%; Average loss: 2.1184  
Iteration: 2942; Percent complete: 73.6%; Average loss: 2.1868  
Iteration: 2943; Percent complete: 73.6%; Average loss: 2.2107  
Iteration: 2944; Percent complete: 73.6%; Average loss: 2.0649  
Iteration: 2945; Percent complete: 73.6%; Average loss: 2.0697  
Iteration: 2946; Percent complete: 73.7%; Average loss: 1.9500  
Iteration: 2947; Percent complete: 73.7%; Average loss: 2.1679  
Iteration: 2948; Percent complete: 73.7%; Average loss: 2.1309  
Iteration: 2949; Percent complete: 73.7%; Average loss: 2.0351  
Iteration: 2950; Percent complete: 73.8%; Average loss: 1.9156  
Iteration: 2951; Percent complete: 73.8%; Average loss: 2.1021  
Iteration: 2952; Percent complete: 73.8%; Average loss: 2.1125  
Iteration: 2953; Percent complete: 73.8%; Average loss: 1.9512  
Iteration: 2954; Percent complete: 73.9%; Average loss: 1.8975  
Iteration: 2955; Percent complete: 73.9%; Average loss: 2.1819  
Iteration: 2956; Percent complete: 73.9%; Average loss: 1.8378  
Iteration: 2957; Percent complete: 73.9%; Average loss: 2.1590  
Iteration: 2958; Percent complete: 74.0%; Average loss: 1.9703  
Iteration: 2959; Percent complete: 74.0%; Average loss: 1.9043  
Iteration: 2960; Percent complete: 74.0%; Average loss: 2.0296  
Iteration: 2961; Percent complete: 74.0%; Average loss: 2.0411  
Iteration: 2962; Percent complete: 74.1%; Average loss: 2.0545  
Iteration: 2963; Percent complete: 74.1%; Average loss: 2.3152  
Iteration: 2964; Percent complete: 74.1%; Average loss: 2.1472  
Iteration: 2965; Percent complete: 74.1%; Average loss: 1.6881  
Iteration: 2966; Percent complete: 74.2%; Average loss: 2.0131  
Iteration: 2967; Percent complete: 74.2%; Average loss: 1.8791  
Iteration: 2968; Percent complete: 74.2%; Average loss: 1.9956  
Iteration: 2969; Percent complete: 74.2%; Average loss: 1.9560  
Iteration: 2970; Percent complete: 74.2%; Average loss: 1.8601  
Iteration: 2971; Percent complete: 74.3%; Average loss: 2.0441  
Iteration: 2972; Percent complete: 74.3%; Average loss: 2.0950  
Iteration: 2973; Percent complete: 74.3%; Average loss: 2.0166  
Iteration: 2974; Percent complete: 74.4%; Average loss: 2.2716  
Iteration: 2975; Percent complete: 74.4%; Average loss: 2.1652  
Iteration: 2976; Percent complete: 74.4%; Average loss: 2.1553  
Iteration: 2977; Percent complete: 74.4%; Average loss: 1.9339  
Iteration: 2978; Percent complete: 74.5%; Average loss: 1.8577  
Iteration: 2979; Percent complete: 74.5%; Average loss: 2.1422  
Iteration: 2980; Percent complete: 74.5%; Average loss: 1.9713  
Iteration: 2981; Percent complete: 74.5%; Average loss: 2.0776  
Iteration: 2982; Percent complete: 74.6%; Average loss: 2.0458  
Iteration: 2983; Percent complete: 74.6%; Average loss: 1.9749  
Iteration: 2984; Percent complete: 74.6%; Average loss: 2.0973  
Iteration: 2985; Percent complete: 74.6%; Average loss: 1.9289  
Iteration: 2986; Percent complete: 74.7%; Average loss: 1.9491  
Iteration: 2987; Percent complete: 74.7%; Average loss: 1.8887  
Iteration: 2988; Percent complete: 74.7%; Average loss: 2.0748  
Iteration: 2989; Percent complete: 74.7%; Average loss: 2.1505  
Iteration: 2990; Percent complete: 74.8%; Average loss: 2.0308  
Iteration: 2991; Percent complete: 74.8%; Average loss: 2.0451  
Iteration: 2992; Percent complete: 74.8%; Average loss: 2.0603  
Iteration: 2993; Percent complete: 74.8%; Average loss: 2.0256  
Iteration: 2994; Percent complete: 74.9%; Average loss: 2.0538  
Iteration: 2995; Percent complete: 74.9%; Average loss: 2.0454  
Iteration: 2996; Percent complete: 74.9%; Average loss: 2.0267  
Iteration: 2997; Percent complete: 74.9%; Average loss: 1.8851  
Iteration: 2998; Percent complete: 75.0%; Average loss: 2.1993  
Iteration: 2999; Percent complete: 75.0%; Average loss: 2.0202  
Iteration: 3000; Percent complete: 75.0%; Average loss: 2.1456  
Iteration: 3001; Percent complete: 75.0%; Average loss: 1.9909  
Iteration: 3002; Percent complete: 75.0%; Average loss: 1.9437  
Iteration: 3003; Percent complete: 75.1%; Average loss: 2.0672  
Iteration: 3004; Percent complete: 75.1%; Average loss: 1.9570  
Iteration: 3005; Percent complete: 75.1%; Average loss: 2.1430  
Iteration: 3006; Percent complete: 75.1%; Average loss: 1.9188  
Iteration: 3007; Percent complete: 75.2%; Average loss: 1.7579  
Iteration: 3008; Percent complete: 75.2%; Average loss: 2.1045  
Iteration: 3009; Percent complete: 75.2%; Average loss: 1.8797  
Iteration: 3010; Percent complete: 75.2%; Average loss: 2.0918  
Iteration: 3011; Percent complete: 75.3%; Average loss: 2.0648  
Iteration: 3012; Percent complete: 75.3%; Average loss: 1.9435

Iteration: 3013; Percent complete: 75.3%; Average loss: 1.9087  
Iteration: 3014; Percent complete: 75.3%; Average loss: 2.0534  
Iteration: 3015; Percent complete: 75.4%; Average loss: 1.9755  
Iteration: 3016; Percent complete: 75.4%; Average loss: 2.0439  
Iteration: 3017; Percent complete: 75.4%; Average loss: 2.3368  
Iteration: 3018; Percent complete: 75.4%; Average loss: 2.0285  
Iteration: 3019; Percent complete: 75.5%; Average loss: 2.0105  
Iteration: 3020; Percent complete: 75.5%; Average loss: 2.0553  
Iteration: 3021; Percent complete: 75.5%; Average loss: 2.0893  
Iteration: 3022; Percent complete: 75.5%; Average loss: 2.1519  
Iteration: 3023; Percent complete: 75.6%; Average loss: 2.0129  
Iteration: 3024; Percent complete: 75.6%; Average loss: 1.9782  
Iteration: 3025; Percent complete: 75.6%; Average loss: 1.7952  
Iteration: 3026; Percent complete: 75.6%; Average loss: 1.9886  
Iteration: 3027; Percent complete: 75.7%; Average loss: 2.2814  
Iteration: 3028; Percent complete: 75.7%; Average loss: 1.9736  
Iteration: 3029; Percent complete: 75.7%; Average loss: 2.0973  
Iteration: 3030; Percent complete: 75.8%; Average loss: 1.9393  
Iteration: 3031; Percent complete: 75.8%; Average loss: 2.1028  
Iteration: 3032; Percent complete: 75.8%; Average loss: 2.0647  
Iteration: 3033; Percent complete: 75.8%; Average loss: 1.9370  
Iteration: 3034; Percent complete: 75.8%; Average loss: 1.9609  
Iteration: 3035; Percent complete: 75.9%; Average loss: 2.0321  
Iteration: 3036; Percent complete: 75.9%; Average loss: 2.1043  
Iteration: 3037; Percent complete: 75.9%; Average loss: 2.1536  
Iteration: 3038; Percent complete: 75.9%; Average loss: 2.0459  
Iteration: 3039; Percent complete: 76.0%; Average loss: 1.8896  
Iteration: 3040; Percent complete: 76.0%; Average loss: 1.9824  
Iteration: 3041; Percent complete: 76.0%; Average loss: 2.0901  
Iteration: 3042; Percent complete: 76.0%; Average loss: 1.9864  
Iteration: 3043; Percent complete: 76.1%; Average loss: 1.9167  
Iteration: 3044; Percent complete: 76.1%; Average loss: 1.9621  
Iteration: 3045; Percent complete: 76.1%; Average loss: 2.0193  
Iteration: 3046; Percent complete: 76.1%; Average loss: 2.1168  
Iteration: 3047; Percent complete: 76.2%; Average loss: 2.0383  
Iteration: 3048; Percent complete: 76.2%; Average loss: 1.8495  
Iteration: 3049; Percent complete: 76.2%; Average loss: 2.0177  
Iteration: 3050; Percent complete: 76.2%; Average loss: 2.1104  
Iteration: 3051; Percent complete: 76.3%; Average loss: 1.9474  
Iteration: 3052; Percent complete: 76.3%; Average loss: 2.0310  
Iteration: 3053; Percent complete: 76.3%; Average loss: 2.1870  
Iteration: 3054; Percent complete: 76.3%; Average loss: 1.7281  
Iteration: 3055; Percent complete: 76.4%; Average loss: 2.0411  
Iteration: 3056; Percent complete: 76.4%; Average loss: 1.9668  
Iteration: 3057; Percent complete: 76.4%; Average loss: 2.0820  
Iteration: 3058; Percent complete: 76.4%; Average loss: 2.0056  
Iteration: 3059; Percent complete: 76.5%; Average loss: 2.0040  
Iteration: 3060; Percent complete: 76.5%; Average loss: 1.9021  
Iteration: 3061; Percent complete: 76.5%; Average loss: 1.8794  
Iteration: 3062; Percent complete: 76.5%; Average loss: 1.8285  
Iteration: 3063; Percent complete: 76.6%; Average loss: 1.8430  
Iteration: 3064; Percent complete: 76.6%; Average loss: 1.8053  
Iteration: 3065; Percent complete: 76.6%; Average loss: 1.8752  
Iteration: 3066; Percent complete: 76.6%; Average loss: 1.8801  
Iteration: 3067; Percent complete: 76.7%; Average loss: 2.0461  
Iteration: 3068; Percent complete: 76.7%; Average loss: 1.8362  
Iteration: 3069; Percent complete: 76.7%; Average loss: 2.0646  
Iteration: 3070; Percent complete: 76.8%; Average loss: 2.0206  
Iteration: 3071; Percent complete: 76.8%; Average loss: 2.1193  
Iteration: 3072; Percent complete: 76.8%; Average loss: 2.0538  
Iteration: 3073; Percent complete: 76.8%; Average loss: 1.9170  
Iteration: 3074; Percent complete: 76.8%; Average loss: 2.1393  
Iteration: 3075; Percent complete: 76.9%; Average loss: 2.2709  
Iteration: 3076; Percent complete: 76.9%; Average loss: 2.1293  
Iteration: 3077; Percent complete: 76.9%; Average loss: 2.1298  
Iteration: 3078; Percent complete: 77.0%; Average loss: 2.0465  
Iteration: 3079; Percent complete: 77.0%; Average loss: 1.8502  
Iteration: 3080; Percent complete: 77.0%; Average loss: 2.1942  
Iteration: 3081; Percent complete: 77.0%; Average loss: 2.1674  
Iteration: 3082; Percent complete: 77.0%; Average loss: 1.8592  
Iteration: 3083; Percent complete: 77.1%; Average loss: 2.0721  
Iteration: 3084; Percent complete: 77.1%; Average loss: 2.0127  
Iteration: 3085; Percent complete: 77.1%; Average loss: 2.0372  
Iteration: 3086; Percent complete: 77.1%; Average loss: 2.0967  
Iteration: 3087; Percent complete: 77.2%; Average loss: 1.7679  
Iteration: 3088; Percent complete: 77.2%; Average loss: 2.0632  
Iteration: 3089; Percent complete: 77.2%; Average loss: 2.0840  
Iteration: 3090; Percent complete: 77.2%; Average loss: 2.0405  
Iteration: 3091; Percent complete: 77.3%; Average loss: 1.9423  
Iteration: 3092; Percent complete: 77.3%; Average loss: 2.0953  
Iteration: 3093; Percent complete: 77.3%; Average loss: 1.9935  
Iteration: 3094; Percent complete: 77.3%; Average loss: 2.2208  
Iteration: 3095; Percent complete: 77.4%; Average loss: 1.9937  
Iteration: 3096; Percent complete: 77.4%; Average loss: 1.9478  
Iteration: 3097; Percent complete: 77.4%; Average loss: 1.8246  
Iteration: 3098; Percent complete: 77.5%; Average loss: 1.8045  
Iteration: 3099; Percent complete: 77.5%; Average loss: 1.8276  
Iteration: 3100; Percent complete: 77.5%; Average loss: 1.9797  
Iteration: 3101; Percent complete: 77.5%; Average loss: 2.0091  
Iteration: 3102; Percent complete: 77.5%; Average loss: 1.9819  
Iteration: 3103; Percent complete: 77.6%; Average loss: 1.9845

Iteration: 3104; Percent complete: 77.6%; Average loss: 2.1263  
Iteration: 3105; Percent complete: 77.6%; Average loss: 2.0820  
Iteration: 3106; Percent complete: 77.6%; Average loss: 1.8763  
Iteration: 3107; Percent complete: 77.7%; Average loss: 2.2033  
Iteration: 3108; Percent complete: 77.7%; Average loss: 1.9272  
Iteration: 3109; Percent complete: 77.7%; Average loss: 2.0166  
Iteration: 3110; Percent complete: 77.8%; Average loss: 2.3578  
Iteration: 3111; Percent complete: 77.8%; Average loss: 1.9889  
Iteration: 3112; Percent complete: 77.8%; Average loss: 1.8239  
Iteration: 3113; Percent complete: 77.8%; Average loss: 1.9820  
Iteration: 3114; Percent complete: 77.8%; Average loss: 1.9651  
Iteration: 3115; Percent complete: 77.9%; Average loss: 2.0549  
Iteration: 3116; Percent complete: 77.9%; Average loss: 2.0996  
Iteration: 3117; Percent complete: 77.9%; Average loss: 1.9655  
Iteration: 3118; Percent complete: 78.0%; Average loss: 1.9674  
Iteration: 3119; Percent complete: 78.0%; Average loss: 2.1440  
Iteration: 3120; Percent complete: 78.0%; Average loss: 1.9515  
Iteration: 3121; Percent complete: 78.0%; Average loss: 1.9427  
Iteration: 3122; Percent complete: 78.0%; Average loss: 2.0822  
Iteration: 3123; Percent complete: 78.1%; Average loss: 2.0404  
Iteration: 3124; Percent complete: 78.1%; Average loss: 2.1781  
Iteration: 3125; Percent complete: 78.1%; Average loss: 2.0039  
Iteration: 3126; Percent complete: 78.1%; Average loss: 1.9857  
Iteration: 3127; Percent complete: 78.2%; Average loss: 1.9849  
Iteration: 3128; Percent complete: 78.2%; Average loss: 2.1630  
Iteration: 3129; Percent complete: 78.2%; Average loss: 1.8685  
Iteration: 3130; Percent complete: 78.2%; Average loss: 2.2327  
Iteration: 3131; Percent complete: 78.3%; Average loss: 1.8316  
Iteration: 3132; Percent complete: 78.3%; Average loss: 1.9352  
Iteration: 3133; Percent complete: 78.3%; Average loss: 2.0539  
Iteration: 3134; Percent complete: 78.3%; Average loss: 2.0810  
Iteration: 3135; Percent complete: 78.4%; Average loss: 2.1929  
Iteration: 3136; Percent complete: 78.4%; Average loss: 1.9379  
Iteration: 3137; Percent complete: 78.4%; Average loss: 2.0264  
Iteration: 3138; Percent complete: 78.5%; Average loss: 2.0252  
Iteration: 3139; Percent complete: 78.5%; Average loss: 2.2272  
Iteration: 3140; Percent complete: 78.5%; Average loss: 2.2599  
Iteration: 3141; Percent complete: 78.5%; Average loss: 2.2288  
Iteration: 3142; Percent complete: 78.5%; Average loss: 1.9395  
Iteration: 3143; Percent complete: 78.6%; Average loss: 1.9618  
Iteration: 3144; Percent complete: 78.6%; Average loss: 2.0555  
Iteration: 3145; Percent complete: 78.6%; Average loss: 2.1362  
Iteration: 3146; Percent complete: 78.6%; Average loss: 2.2105  
Iteration: 3147; Percent complete: 78.7%; Average loss: 1.9537  
Iteration: 3148; Percent complete: 78.7%; Average loss: 2.1002  
Iteration: 3149; Percent complete: 78.7%; Average loss: 1.9103  
Iteration: 3150; Percent complete: 78.8%; Average loss: 2.2343  
Iteration: 3151; Percent complete: 78.8%; Average loss: 1.9493  
Iteration: 3152; Percent complete: 78.8%; Average loss: 1.9621  
Iteration: 3153; Percent complete: 78.8%; Average loss: 2.0364  
Iteration: 3154; Percent complete: 78.8%; Average loss: 1.8164  
Iteration: 3155; Percent complete: 78.9%; Average loss: 1.8765  
Iteration: 3156; Percent complete: 78.9%; Average loss: 1.9081  
Iteration: 3157; Percent complete: 78.9%; Average loss: 2.0955  
Iteration: 3158; Percent complete: 79.0%; Average loss: 2.1128  
Iteration: 3159; Percent complete: 79.0%; Average loss: 1.6912  
Iteration: 3160; Percent complete: 79.0%; Average loss: 2.1637  
Iteration: 3161; Percent complete: 79.0%; Average loss: 1.9537  
Iteration: 3162; Percent complete: 79.0%; Average loss: 1.9322  
Iteration: 3163; Percent complete: 79.1%; Average loss: 1.9741  
Iteration: 3164; Percent complete: 79.1%; Average loss: 2.0110  
Iteration: 3165; Percent complete: 79.1%; Average loss: 1.7590  
Iteration: 3166; Percent complete: 79.1%; Average loss: 2.1418  
Iteration: 3167; Percent complete: 79.2%; Average loss: 1.8676  
Iteration: 3168; Percent complete: 79.2%; Average loss: 2.0667  
Iteration: 3169; Percent complete: 79.2%; Average loss: 1.9951  
Iteration: 3170; Percent complete: 79.2%; Average loss: 2.0810  
Iteration: 3171; Percent complete: 79.3%; Average loss: 2.1525  
Iteration: 3172; Percent complete: 79.3%; Average loss: 1.9298  
Iteration: 3173; Percent complete: 79.3%; Average loss: 1.9845  
Iteration: 3174; Percent complete: 79.3%; Average loss: 1.7348  
Iteration: 3175; Percent complete: 79.4%; Average loss: 1.8157  
Iteration: 3176; Percent complete: 79.4%; Average loss: 2.0828  
Iteration: 3177; Percent complete: 79.4%; Average loss: 1.9081  
Iteration: 3178; Percent complete: 79.5%; Average loss: 1.7515  
Iteration: 3179; Percent complete: 79.5%; Average loss: 2.0402  
Iteration: 3180; Percent complete: 79.5%; Average loss: 1.8548  
Iteration: 3181; Percent complete: 79.5%; Average loss: 2.0193  
Iteration: 3182; Percent complete: 79.5%; Average loss: 1.7614  
Iteration: 3183; Percent complete: 79.6%; Average loss: 2.0651  
Iteration: 3184; Percent complete: 79.6%; Average loss: 1.9470  
Iteration: 3185; Percent complete: 79.6%; Average loss: 1.8428  
Iteration: 3186; Percent complete: 79.7%; Average loss: 1.9503  
Iteration: 3187; Percent complete: 79.7%; Average loss: 2.1641  
Iteration: 3188; Percent complete: 79.7%; Average loss: 1.9217  
Iteration: 3189; Percent complete: 79.7%; Average loss: 2.1732  
Iteration: 3190; Percent complete: 79.8%; Average loss: 2.0839  
Iteration: 3191; Percent complete: 79.8%; Average loss: 2.1116  
Iteration: 3192; Percent complete: 79.8%; Average loss: 2.1097  
Iteration: 3193; Percent complete: 79.8%; Average loss: 1.8630  
Iteration: 3194; Percent complete: 79.8%; Average loss: 2.0441  
Iteration: 3195; Percent complete: 79.8%; Average loss: 1.9277

Iteration: 3195; Percent complete: 79.9%; Average loss: 2.0377  
Iteration: 3196; Percent complete: 79.9%; Average loss: 2.0416  
Iteration: 3197; Percent complete: 79.9%; Average loss: 1.9914  
Iteration: 3198; Percent complete: 80.0%; Average loss: 2.4091  
Iteration: 3199; Percent complete: 80.0%; Average loss: 2.3392  
Iteration: 3200; Percent complete: 80.0%; Average loss: 2.0272  
Iteration: 3201; Percent complete: 80.0%; Average loss: 1.9028  
Iteration: 3202; Percent complete: 80.0%; Average loss: 1.9916  
Iteration: 3203; Percent complete: 80.1%; Average loss: 1.8142  
Iteration: 3204; Percent complete: 80.1%; Average loss: 1.6051  
Iteration: 3205; Percent complete: 80.1%; Average loss: 2.1525  
Iteration: 3206; Percent complete: 80.2%; Average loss: 1.9613  
Iteration: 3207; Percent complete: 80.2%; Average loss: 1.8838  
Iteration: 3208; Percent complete: 80.2%; Average loss: 1.8231  
Iteration: 3209; Percent complete: 80.2%; Average loss: 2.0929  
Iteration: 3210; Percent complete: 80.2%; Average loss: 2.0210  
Iteration: 3211; Percent complete: 80.3%; Average loss: 1.9277  
Iteration: 3212; Percent complete: 80.3%; Average loss: 1.9156  
Iteration: 3213; Percent complete: 80.3%; Average loss: 1.6213  
Iteration: 3214; Percent complete: 80.3%; Average loss: 2.1454  
Iteration: 3215; Percent complete: 80.4%; Average loss: 1.8441  
Iteration: 3216; Percent complete: 80.4%; Average loss: 2.0015  
Iteration: 3217; Percent complete: 80.4%; Average loss: 2.0052  
Iteration: 3218; Percent complete: 80.5%; Average loss: 2.0428  
Iteration: 3219; Percent complete: 80.5%; Average loss: 1.9462  
Iteration: 3220; Percent complete: 80.5%; Average loss: 2.0295  
Iteration: 3221; Percent complete: 80.5%; Average loss: 1.9114  
Iteration: 3222; Percent complete: 80.5%; Average loss: 2.0742  
Iteration: 3223; Percent complete: 80.6%; Average loss: 2.2028  
Iteration: 3224; Percent complete: 80.6%; Average loss: 1.9284  
Iteration: 3225; Percent complete: 80.6%; Average loss: 2.0602  
Iteration: 3226; Percent complete: 80.7%; Average loss: 1.7480  
Iteration: 3227; Percent complete: 80.7%; Average loss: 2.0047  
Iteration: 3228; Percent complete: 80.7%; Average loss: 2.2325  
Iteration: 3229; Percent complete: 80.7%; Average loss: 1.9690  
Iteration: 3230; Percent complete: 80.8%; Average loss: 1.7955  
Iteration: 3231; Percent complete: 80.8%; Average loss: 2.0477  
Iteration: 3232; Percent complete: 80.8%; Average loss: 1.9521  
Iteration: 3233; Percent complete: 80.8%; Average loss: 2.0317  
Iteration: 3234; Percent complete: 80.8%; Average loss: 1.8290  
Iteration: 3235; Percent complete: 80.9%; Average loss: 1.9810  
Iteration: 3236; Percent complete: 80.9%; Average loss: 1.9394  
Iteration: 3237; Percent complete: 80.9%; Average loss: 2.0238  
Iteration: 3238; Percent complete: 81.0%; Average loss: 1.5626  
Iteration: 3239; Percent complete: 81.0%; Average loss: 2.0095  
Iteration: 3240; Percent complete: 81.0%; Average loss: 1.8548  
Iteration: 3241; Percent complete: 81.0%; Average loss: 1.8316  
Iteration: 3242; Percent complete: 81.0%; Average loss: 2.0189  
Iteration: 3243; Percent complete: 81.1%; Average loss: 1.9841  
Iteration: 3244; Percent complete: 81.1%; Average loss: 1.7134  
Iteration: 3245; Percent complete: 81.1%; Average loss: 1.9783  
Iteration: 3246; Percent complete: 81.2%; Average loss: 2.0736  
Iteration: 3247; Percent complete: 81.2%; Average loss: 2.1222  
Iteration: 3248; Percent complete: 81.2%; Average loss: 1.8296  
Iteration: 3249; Percent complete: 81.2%; Average loss: 2.0596  
Iteration: 3250; Percent complete: 81.2%; Average loss: 2.0810  
Iteration: 3251; Percent complete: 81.3%; Average loss: 2.1071  
Iteration: 3252; Percent complete: 81.3%; Average loss: 2.1924  
Iteration: 3253; Percent complete: 81.3%; Average loss: 1.8222  
Iteration: 3254; Percent complete: 81.3%; Average loss: 2.0424  
Iteration: 3255; Percent complete: 81.4%; Average loss: 1.9570  
Iteration: 3256; Percent complete: 81.4%; Average loss: 2.0336  
Iteration: 3257; Percent complete: 81.4%; Average loss: 2.0586  
Iteration: 3258; Percent complete: 81.5%; Average loss: 2.0649  
Iteration: 3259; Percent complete: 81.5%; Average loss: 2.0646  
Iteration: 3260; Percent complete: 81.5%; Average loss: 2.1333  
Iteration: 3261; Percent complete: 81.5%; Average loss: 1.9383  
Iteration: 3262; Percent complete: 81.5%; Average loss: 1.9875  
Iteration: 3263; Percent complete: 81.6%; Average loss: 1.6830  
Iteration: 3264; Percent complete: 81.6%; Average loss: 2.3956  
Iteration: 3265; Percent complete: 81.6%; Average loss: 1.8944  
Iteration: 3266; Percent complete: 81.7%; Average loss: 2.2250  
Iteration: 3267; Percent complete: 81.7%; Average loss: 1.8538  
Iteration: 3268; Percent complete: 81.7%; Average loss: 2.0909  
Iteration: 3269; Percent complete: 81.7%; Average loss: 2.0014  
Iteration: 3270; Percent complete: 81.8%; Average loss: 2.1902  
Iteration: 3271; Percent complete: 81.8%; Average loss: 2.0918  
Iteration: 3272; Percent complete: 81.8%; Average loss: 2.1928  
Iteration: 3273; Percent complete: 81.8%; Average loss: 1.8446  
Iteration: 3274; Percent complete: 81.8%; Average loss: 1.9992  
Iteration: 3275; Percent complete: 81.9%; Average loss: 1.9842  
Iteration: 3276; Percent complete: 81.9%; Average loss: 2.2466  
Iteration: 3277; Percent complete: 81.9%; Average loss: 1.9586  
Iteration: 3278; Percent complete: 82.0%; Average loss: 2.1043  
Iteration: 3279; Percent complete: 82.0%; Average loss: 1.9970  
Iteration: 3280; Percent complete: 82.0%; Average loss: 1.9139  
Iteration: 3281; Percent complete: 82.0%; Average loss: 1.9820  
Iteration: 3282; Percent complete: 82.0%; Average loss: 2.0258  
Iteration: 3283; Percent complete: 82.1%; Average loss: 2.1039  
Iteration: 3284; Percent complete: 82.1%; Average loss: 1.8330  
Iteration: 3285; Percent complete: 82.1%; Average loss: 2.0937  
Iteration: 3286; Percent complete: 82.2%; Average loss: 1.9000

Iteration: 3286; Percent complete: 82.2%; Average loss: 1.9088  
Iteration: 3287; Percent complete: 82.2%; Average loss: 2.0926  
Iteration: 3288; Percent complete: 82.2%; Average loss: 1.9219  
Iteration: 3289; Percent complete: 82.2%; Average loss: 2.0581  
Iteration: 3290; Percent complete: 82.2%; Average loss: 1.8229  
Iteration: 3291; Percent complete: 82.3%; Average loss: 1.8236  
Iteration: 3292; Percent complete: 82.3%; Average loss: 2.1630  
Iteration: 3293; Percent complete: 82.3%; Average loss: 1.6783  
Iteration: 3294; Percent complete: 82.3%; Average loss: 2.0845  
Iteration: 3295; Percent complete: 82.4%; Average loss: 1.8978  
Iteration: 3296; Percent complete: 82.4%; Average loss: 2.1687  
Iteration: 3297; Percent complete: 82.4%; Average loss: 1.9792  
Iteration: 3298; Percent complete: 82.5%; Average loss: 2.0325  
Iteration: 3299; Percent complete: 82.5%; Average loss: 1.8964  
Iteration: 3300; Percent complete: 82.5%; Average loss: 2.0993  
Iteration: 3301; Percent complete: 82.5%; Average loss: 2.0096  
Iteration: 3302; Percent complete: 82.5%; Average loss: 1.9066  
Iteration: 3303; Percent complete: 82.6%; Average loss: 2.0502  
Iteration: 3304; Percent complete: 82.6%; Average loss: 1.9340  
Iteration: 3305; Percent complete: 82.6%; Average loss: 1.9301  
Iteration: 3306; Percent complete: 82.7%; Average loss: 2.1027  
Iteration: 3307; Percent complete: 82.7%; Average loss: 1.8860  
Iteration: 3308; Percent complete: 82.7%; Average loss: 2.0027  
Iteration: 3309; Percent complete: 82.7%; Average loss: 2.0641  
Iteration: 3310; Percent complete: 82.8%; Average loss: 1.9207  
Iteration: 3311; Percent complete: 82.8%; Average loss: 1.9332  
Iteration: 3312; Percent complete: 82.8%; Average loss: 1.9047  
Iteration: 3313; Percent complete: 82.8%; Average loss: 2.3313  
Iteration: 3314; Percent complete: 82.8%; Average loss: 1.9752  
Iteration: 3315; Percent complete: 82.9%; Average loss: 1.9802  
Iteration: 3316; Percent complete: 82.9%; Average loss: 1.8419  
Iteration: 3317; Percent complete: 82.9%; Average loss: 1.8772  
Iteration: 3318; Percent complete: 83.0%; Average loss: 1.7993  
Iteration: 3319; Percent complete: 83.0%; Average loss: 2.0933  
Iteration: 3320; Percent complete: 83.0%; Average loss: 1.9909  
Iteration: 3321; Percent complete: 83.0%; Average loss: 1.7984  
Iteration: 3322; Percent complete: 83.0%; Average loss: 2.0330  
Iteration: 3323; Percent complete: 83.1%; Average loss: 1.9446  
Iteration: 3324; Percent complete: 83.1%; Average loss: 1.9666  
Iteration: 3325; Percent complete: 83.1%; Average loss: 2.0817  
Iteration: 3326; Percent complete: 83.2%; Average loss: 1.9808  
Iteration: 3327; Percent complete: 83.2%; Average loss: 1.9950  
Iteration: 3328; Percent complete: 83.2%; Average loss: 1.8708  
Iteration: 3329; Percent complete: 83.2%; Average loss: 2.0301  
Iteration: 3330; Percent complete: 83.2%; Average loss: 1.8084  
Iteration: 3331; Percent complete: 83.3%; Average loss: 1.9284  
Iteration: 3332; Percent complete: 83.3%; Average loss: 1.7781  
Iteration: 3333; Percent complete: 83.3%; Average loss: 1.9673  
Iteration: 3334; Percent complete: 83.4%; Average loss: 1.8566  
Iteration: 3335; Percent complete: 83.4%; Average loss: 1.9841  
Iteration: 3336; Percent complete: 83.4%; Average loss: 1.8757  
Iteration: 3337; Percent complete: 83.4%; Average loss: 2.0141  
Iteration: 3338; Percent complete: 83.5%; Average loss: 1.8876  
Iteration: 3339; Percent complete: 83.5%; Average loss: 2.0730  
Iteration: 3340; Percent complete: 83.5%; Average loss: 1.7141  
Iteration: 3341; Percent complete: 83.5%; Average loss: 2.1443  
Iteration: 3342; Percent complete: 83.5%; Average loss: 1.7958  
Iteration: 3343; Percent complete: 83.6%; Average loss: 1.8056  
Iteration: 3344; Percent complete: 83.6%; Average loss: 1.9879  
Iteration: 3345; Percent complete: 83.6%; Average loss: 1.8369  
Iteration: 3346; Percent complete: 83.7%; Average loss: 1.9438  
Iteration: 3347; Percent complete: 83.7%; Average loss: 1.9439  
Iteration: 3348; Percent complete: 83.7%; Average loss: 1.9160  
Iteration: 3349; Percent complete: 83.7%; Average loss: 1.9316  
Iteration: 3350; Percent complete: 83.8%; Average loss: 2.1518  
Iteration: 3351; Percent complete: 83.8%; Average loss: 2.0358  
Iteration: 3352; Percent complete: 83.8%; Average loss: 2.0671  
Iteration: 3353; Percent complete: 83.8%; Average loss: 1.7155  
Iteration: 3354; Percent complete: 83.9%; Average loss: 2.0488  
Iteration: 3355; Percent complete: 83.9%; Average loss: 1.8906  
Iteration: 3356; Percent complete: 83.9%; Average loss: 2.0153  
Iteration: 3357; Percent complete: 83.9%; Average loss: 2.0221  
Iteration: 3358; Percent complete: 84.0%; Average loss: 2.0669  
Iteration: 3359; Percent complete: 84.0%; Average loss: 2.0140  
Iteration: 3360; Percent complete: 84.0%; Average loss: 1.9851  
Iteration: 3361; Percent complete: 84.0%; Average loss: 2.1435  
Iteration: 3362; Percent complete: 84.0%; Average loss: 2.2311  
Iteration: 3363; Percent complete: 84.1%; Average loss: 1.9997  
Iteration: 3364; Percent complete: 84.1%; Average loss: 1.9676  
Iteration: 3365; Percent complete: 84.1%; Average loss: 1.8400  
Iteration: 3366; Percent complete: 84.2%; Average loss: 2.0107  
Iteration: 3367; Percent complete: 84.2%; Average loss: 1.7412  
Iteration: 3368; Percent complete: 84.2%; Average loss: 2.1139  
Iteration: 3369; Percent complete: 84.2%; Average loss: 1.7967  
Iteration: 3370; Percent complete: 84.2%; Average loss: 2.0554  
Iteration: 3371; Percent complete: 84.3%; Average loss: 1.8396  
Iteration: 3372; Percent complete: 84.3%; Average loss: 1.8958  
Iteration: 3373; Percent complete: 84.3%; Average loss: 2.0106  
Iteration: 3374; Percent complete: 84.4%; Average loss: 1.7015  
Iteration: 3375; Percent complete: 84.4%; Average loss: 1.9502  
Iteration: 3376; Percent complete: 84.4%; Average loss: 2.0634  
Iteration: 3377; Percent complete: 84.4%; Average loss: 1.9241



Iteration: 3378; Percent complete: 84.5%; Average loss: 2.0911  
Iteration: 3379; Percent complete: 84.5%; Average loss: 1.8431  
Iteration: 3380; Percent complete: 84.5%; Average loss: 1.8985  
Iteration: 3381; Percent complete: 84.5%; Average loss: 1.8229  
Iteration: 3382; Percent complete: 84.5%; Average loss: 2.0416  
Iteration: 3383; Percent complete: 84.6%; Average loss: 1.9023  
Iteration: 3384; Percent complete: 84.6%; Average loss: 1.9522  
Iteration: 3385; Percent complete: 84.6%; Average loss: 1.7690  
Iteration: 3386; Percent complete: 84.7%; Average loss: 1.9400  
Iteration: 3387; Percent complete: 84.7%; Average loss: 1.8701  
Iteration: 3388; Percent complete: 84.7%; Average loss: 1.9008  
Iteration: 3389; Percent complete: 84.7%; Average loss: 1.8004  
Iteration: 3390; Percent complete: 84.8%; Average loss: 1.9148  
Iteration: 3391; Percent complete: 84.8%; Average loss: 2.0258  
Iteration: 3392; Percent complete: 84.8%; Average loss: 1.9265  
Iteration: 3393; Percent complete: 84.8%; Average loss: 1.7695  
Iteration: 3394; Percent complete: 84.9%; Average loss: 2.0524  
Iteration: 3395; Percent complete: 84.9%; Average loss: 1.9575  
Iteration: 3396; Percent complete: 84.9%; Average loss: 1.9066  
Iteration: 3397; Percent complete: 84.9%; Average loss: 1.9965  
Iteration: 3398; Percent complete: 85.0%; Average loss: 1.8601  
Iteration: 3399; Percent complete: 85.0%; Average loss: 1.9541  
Iteration: 3400; Percent complete: 85.0%; Average loss: 2.0184  
Iteration: 3401; Percent complete: 85.0%; Average loss: 2.0108  
Iteration: 3402; Percent complete: 85.0%; Average loss: 1.9698  
Iteration: 3403; Percent complete: 85.1%; Average loss: 1.8009  
Iteration: 3404; Percent complete: 85.1%; Average loss: 1.9892  
Iteration: 3405; Percent complete: 85.1%; Average loss: 1.8447  
Iteration: 3406; Percent complete: 85.2%; Average loss: 2.0915  
Iteration: 3407; Percent complete: 85.2%; Average loss: 1.7974  
Iteration: 3408; Percent complete: 85.2%; Average loss: 1.9426  
Iteration: 3409; Percent complete: 85.2%; Average loss: 1.9375  
Iteration: 3410; Percent complete: 85.2%; Average loss: 1.9637  
Iteration: 3411; Percent complete: 85.3%; Average loss: 2.0540  
Iteration: 3412; Percent complete: 85.3%; Average loss: 1.9649  
Iteration: 3413; Percent complete: 85.3%; Average loss: 2.0813  
Iteration: 3414; Percent complete: 85.4%; Average loss: 2.4556  
Iteration: 3415; Percent complete: 85.4%; Average loss: 1.8867  
Iteration: 3416; Percent complete: 85.4%; Average loss: 1.9093  
Iteration: 3417; Percent complete: 85.4%; Average loss: 1.9420  
Iteration: 3418; Percent complete: 85.5%; Average loss: 1.8368  
Iteration: 3419; Percent complete: 85.5%; Average loss: 2.1062  
Iteration: 3420; Percent complete: 85.5%; Average loss: 1.9456  
Iteration: 3421; Percent complete: 85.5%; Average loss: 1.9351  
Iteration: 3422; Percent complete: 85.5%; Average loss: 1.9094  
Iteration: 3423; Percent complete: 85.6%; Average loss: 1.9884  
Iteration: 3424; Percent complete: 85.6%; Average loss: 2.0079  
Iteration: 3425; Percent complete: 85.6%; Average loss: 1.7690  
Iteration: 3426; Percent complete: 85.7%; Average loss: 1.9409  
Iteration: 3427; Percent complete: 85.7%; Average loss: 1.8493  
Iteration: 3428; Percent complete: 85.7%; Average loss: 1.9336  
Iteration: 3429; Percent complete: 85.7%; Average loss: 1.9079  
Iteration: 3430; Percent complete: 85.8%; Average loss: 1.9092  
Iteration: 3431; Percent complete: 85.8%; Average loss: 1.7782  
Iteration: 3432; Percent complete: 85.8%; Average loss: 1.7462  
Iteration: 3433; Percent complete: 85.8%; Average loss: 1.9638  
Iteration: 3434; Percent complete: 85.9%; Average loss: 1.8329  
Iteration: 3435; Percent complete: 85.9%; Average loss: 1.8955  
Iteration: 3436; Percent complete: 85.9%; Average loss: 1.8208  
Iteration: 3437; Percent complete: 85.9%; Average loss: 1.9018  
Iteration: 3438; Percent complete: 86.0%; Average loss: 1.7313  
Iteration: 3439; Percent complete: 86.0%; Average loss: 1.4909  
Iteration: 3440; Percent complete: 86.0%; Average loss: 1.9099  
Iteration: 3441; Percent complete: 86.0%; Average loss: 1.8543  
Iteration: 3442; Percent complete: 86.1%; Average loss: 1.8603  
Iteration: 3443; Percent complete: 86.1%; Average loss: 2.0865  
Iteration: 3444; Percent complete: 86.1%; Average loss: 1.9482  
Iteration: 3445; Percent complete: 86.1%; Average loss: 1.6763  
Iteration: 3446; Percent complete: 86.2%; Average loss: 1.7216  
Iteration: 3447; Percent complete: 86.2%; Average loss: 1.8076  
Iteration: 3448; Percent complete: 86.2%; Average loss: 1.7893  
Iteration: 3449; Percent complete: 86.2%; Average loss: 1.8636  
Iteration: 3450; Percent complete: 86.2%; Average loss: 1.7027  
Iteration: 3451; Percent complete: 86.3%; Average loss: 1.9545  
Iteration: 3452; Percent complete: 86.3%; Average loss: 1.7031  
Iteration: 3453; Percent complete: 86.3%; Average loss: 2.1281  
Iteration: 3454; Percent complete: 86.4%; Average loss: 2.0527  
Iteration: 3455; Percent complete: 86.4%; Average loss: 1.9307  
Iteration: 3456; Percent complete: 86.4%; Average loss: 1.9918  
Iteration: 3457; Percent complete: 86.4%; Average loss: 2.0039  
Iteration: 3458; Percent complete: 86.5%; Average loss: 1.6871  
Iteration: 3459; Percent complete: 86.5%; Average loss: 2.0984  
Iteration: 3460; Percent complete: 86.5%; Average loss: 1.7073  
Iteration: 3461; Percent complete: 86.5%; Average loss: 1.8453  
Iteration: 3462; Percent complete: 86.6%; Average loss: 1.9866  
Iteration: 3463; Percent complete: 86.6%; Average loss: 2.0633  
Iteration: 3464; Percent complete: 86.6%; Average loss: 1.8969  
Iteration: 3465; Percent complete: 86.6%; Average loss: 1.8694  
Iteration: 3466; Percent complete: 86.7%; Average loss: 1.7633  
Iteration: 3467; Percent complete: 86.7%; Average loss: 1.9320  
Iteration: 3468; Percent complete: 86.7%; Average loss: 1.8570

Iteration: 3469; Percent complete: 86.7%; Average loss: 1.9158  
Iteration: 3470; Percent complete: 86.8%; Average loss: 1.5753  
Iteration: 3471; Percent complete: 86.8%; Average loss: 1.9835  
Iteration: 3472; Percent complete: 86.8%; Average loss: 1.9933  
Iteration: 3473; Percent complete: 86.8%; Average loss: 1.8897  
Iteration: 3474; Percent complete: 86.9%; Average loss: 1.7520  
Iteration: 3475; Percent complete: 86.9%; Average loss: 1.9531  
Iteration: 3476; Percent complete: 86.9%; Average loss: 2.0978  
Iteration: 3477; Percent complete: 86.9%; Average loss: 1.7752  
Iteration: 3478; Percent complete: 87.0%; Average loss: 1.9184  
Iteration: 3479; Percent complete: 87.0%; Average loss: 1.8901  
Iteration: 3480; Percent complete: 87.0%; Average loss: 1.8349  
Iteration: 3481; Percent complete: 87.0%; Average loss: 2.0406  
Iteration: 3482; Percent complete: 87.1%; Average loss: 1.9721  
Iteration: 3483; Percent complete: 87.1%; Average loss: 1.9628  
Iteration: 3484; Percent complete: 87.1%; Average loss: 1.8012  
Iteration: 3485; Percent complete: 87.1%; Average loss: 1.9244  
Iteration: 3486; Percent complete: 87.2%; Average loss: 1.9683  
Iteration: 3487; Percent complete: 87.2%; Average loss: 1.6186  
Iteration: 3488; Percent complete: 87.2%; Average loss: 1.9689  
Iteration: 3489; Percent complete: 87.2%; Average loss: 2.0617  
Iteration: 3490; Percent complete: 87.2%; Average loss: 1.7961  
Iteration: 3491; Percent complete: 87.3%; Average loss: 1.8963  
Iteration: 3492; Percent complete: 87.3%; Average loss: 1.9367  
Iteration: 3493; Percent complete: 87.3%; Average loss: 1.9796  
Iteration: 3494; Percent complete: 87.4%; Average loss: 1.8723  
Iteration: 3495; Percent complete: 87.4%; Average loss: 1.9306  
Iteration: 3496; Percent complete: 87.4%; Average loss: 2.0578  
Iteration: 3497; Percent complete: 87.4%; Average loss: 1.7505  
Iteration: 3498; Percent complete: 87.5%; Average loss: 1.8354  
Iteration: 3499; Percent complete: 87.5%; Average loss: 2.0953  
Iteration: 3500; Percent complete: 87.5%; Average loss: 1.9914  
Iteration: 3501; Percent complete: 87.5%; Average loss: 2.0567  
Iteration: 3502; Percent complete: 87.5%; Average loss: 1.8824  
Iteration: 3503; Percent complete: 87.6%; Average loss: 2.2322  
Iteration: 3504; Percent complete: 87.6%; Average loss: 2.0095  
Iteration: 3505; Percent complete: 87.6%; Average loss: 1.7466  
Iteration: 3506; Percent complete: 87.6%; Average loss: 1.7287  
Iteration: 3507; Percent complete: 87.7%; Average loss: 2.1388  
Iteration: 3508; Percent complete: 87.7%; Average loss: 2.1122  
Iteration: 3509; Percent complete: 87.7%; Average loss: 1.9362  
Iteration: 3510; Percent complete: 87.8%; Average loss: 1.7350  
Iteration: 3511; Percent complete: 87.8%; Average loss: 1.8615  
Iteration: 3512; Percent complete: 87.8%; Average loss: 1.6061  
Iteration: 3513; Percent complete: 87.8%; Average loss: 1.8384  
Iteration: 3514; Percent complete: 87.8%; Average loss: 2.1920  
Iteration: 3515; Percent complete: 87.9%; Average loss: 1.7707  
Iteration: 3516; Percent complete: 87.9%; Average loss: 2.0102  
Iteration: 3517; Percent complete: 87.9%; Average loss: 1.9729  
Iteration: 3518; Percent complete: 87.9%; Average loss: 1.7682  
Iteration: 3519; Percent complete: 88.0%; Average loss: 1.6134  
Iteration: 3520; Percent complete: 88.0%; Average loss: 1.6849  
Iteration: 3521; Percent complete: 88.0%; Average loss: 1.9511  
Iteration: 3522; Percent complete: 88.0%; Average loss: 1.9864  
Iteration: 3523; Percent complete: 88.1%; Average loss: 1.9962  
Iteration: 3524; Percent complete: 88.1%; Average loss: 1.7749  
Iteration: 3525; Percent complete: 88.1%; Average loss: 1.7439  
Iteration: 3526; Percent complete: 88.1%; Average loss: 1.9678  
Iteration: 3527; Percent complete: 88.2%; Average loss: 1.8976  
Iteration: 3528; Percent complete: 88.2%; Average loss: 1.9872  
Iteration: 3529; Percent complete: 88.2%; Average loss: 2.1020  
Iteration: 3530; Percent complete: 88.2%; Average loss: 2.0086  
Iteration: 3531; Percent complete: 88.3%; Average loss: 1.8778  
Iteration: 3532; Percent complete: 88.3%; Average loss: 1.8457  
Iteration: 3533; Percent complete: 88.3%; Average loss: 1.6905  
Iteration: 3534; Percent complete: 88.3%; Average loss: 1.7638  
Iteration: 3535; Percent complete: 88.4%; Average loss: 1.6724  
Iteration: 3536; Percent complete: 88.4%; Average loss: 1.7531  
Iteration: 3537; Percent complete: 88.4%; Average loss: 1.7516  
Iteration: 3538; Percent complete: 88.4%; Average loss: 1.7735  
Iteration: 3539; Percent complete: 88.5%; Average loss: 1.9253  
Iteration: 3540; Percent complete: 88.5%; Average loss: 1.8249  
Iteration: 3541; Percent complete: 88.5%; Average loss: 1.8536  
Iteration: 3542; Percent complete: 88.5%; Average loss: 1.9480  
Iteration: 3543; Percent complete: 88.6%; Average loss: 1.9235  
Iteration: 3544; Percent complete: 88.6%; Average loss: 1.7513  
Iteration: 3545; Percent complete: 88.6%; Average loss: 1.9423  
Iteration: 3546; Percent complete: 88.6%; Average loss: 1.6099  
Iteration: 3547; Percent complete: 88.7%; Average loss: 2.0182  
Iteration: 3548; Percent complete: 88.7%; Average loss: 1.9129  
Iteration: 3549; Percent complete: 88.7%; Average loss: 1.9035  
Iteration: 3550; Percent complete: 88.8%; Average loss: 2.0708  
Iteration: 3551; Percent complete: 88.8%; Average loss: 1.7583  
Iteration: 3552; Percent complete: 88.8%; Average loss: 1.7781  
Iteration: 3553; Percent complete: 88.8%; Average loss: 1.7476  
Iteration: 3554; Percent complete: 88.8%; Average loss: 1.7323  
Iteration: 3555; Percent complete: 88.9%; Average loss: 1.8285  
Iteration: 3556; Percent complete: 88.9%; Average loss: 1.8351  
Iteration: 3557; Percent complete: 88.9%; Average loss: 2.0218  
Iteration: 3558; Percent complete: 88.9%; Average loss: 2.0692  
Iteration: 3559; Percent complete: 89.0%; Average loss: 1.8148

Iteration: 3560; Percent complete: 89.0%; Average loss: 1.9019  
Iteration: 3561; Percent complete: 89.0%; Average loss: 1.9958  
Iteration: 3562; Percent complete: 89.0%; Average loss: 2.0126  
Iteration: 3563; Percent complete: 89.1%; Average loss: 1.9725  
Iteration: 3564; Percent complete: 89.1%; Average loss: 2.0653  
Iteration: 3565; Percent complete: 89.1%; Average loss: 1.8753  
Iteration: 3566; Percent complete: 89.1%; Average loss: 1.9400  
Iteration: 3567; Percent complete: 89.2%; Average loss: 1.9037  
Iteration: 3568; Percent complete: 89.2%; Average loss: 1.8408  
Iteration: 3569; Percent complete: 89.2%; Average loss: 1.9341  
Iteration: 3570; Percent complete: 89.2%; Average loss: 1.8277  
Iteration: 3571; Percent complete: 89.3%; Average loss: 1.8901  
Iteration: 3572; Percent complete: 89.3%; Average loss: 1.7945  
Iteration: 3573; Percent complete: 89.3%; Average loss: 1.9274  
Iteration: 3574; Percent complete: 89.3%; Average loss: 1.8636  
Iteration: 3575; Percent complete: 89.4%; Average loss: 1.8064  
Iteration: 3576; Percent complete: 89.4%; Average loss: 2.1319  
Iteration: 3577; Percent complete: 89.4%; Average loss: 1.8274  
Iteration: 3578; Percent complete: 89.5%; Average loss: 1.6756  
Iteration: 3579; Percent complete: 89.5%; Average loss: 1.9520  
Iteration: 3580; Percent complete: 89.5%; Average loss: 1.9270  
Iteration: 3581; Percent complete: 89.5%; Average loss: 2.1035  
Iteration: 3582; Percent complete: 89.5%; Average loss: 1.7963  
Iteration: 3583; Percent complete: 89.6%; Average loss: 1.6966  
Iteration: 3584; Percent complete: 89.6%; Average loss: 1.8284  
Iteration: 3585; Percent complete: 89.6%; Average loss: 1.6595  
Iteration: 3586; Percent complete: 89.6%; Average loss: 1.9831  
Iteration: 3587; Percent complete: 89.7%; Average loss: 1.7535  
Iteration: 3588; Percent complete: 89.7%; Average loss: 2.0894  
Iteration: 3589; Percent complete: 89.7%; Average loss: 1.9943  
Iteration: 3590; Percent complete: 89.8%; Average loss: 1.9714  
Iteration: 3591; Percent complete: 89.8%; Average loss: 1.7119  
Iteration: 3592; Percent complete: 89.8%; Average loss: 1.7266  
Iteration: 3593; Percent complete: 89.8%; Average loss: 2.0329  
Iteration: 3594; Percent complete: 89.8%; Average loss: 1.6195  
Iteration: 3595; Percent complete: 89.9%; Average loss: 1.6510  
Iteration: 3596; Percent complete: 89.9%; Average loss: 2.0192  
Iteration: 3597; Percent complete: 89.9%; Average loss: 1.9291  
Iteration: 3598; Percent complete: 90.0%; Average loss: 1.8672  
Iteration: 3599; Percent complete: 90.0%; Average loss: 1.7747  
Iteration: 3600; Percent complete: 90.0%; Average loss: 1.8462  
Iteration: 3601; Percent complete: 90.0%; Average loss: 2.0239  
Iteration: 3602; Percent complete: 90.0%; Average loss: 1.6353  
Iteration: 3603; Percent complete: 90.1%; Average loss: 1.8961  
Iteration: 3604; Percent complete: 90.1%; Average loss: 1.9448  
Iteration: 3605; Percent complete: 90.1%; Average loss: 1.8768  
Iteration: 3606; Percent complete: 90.1%; Average loss: 2.0743  
Iteration: 3607; Percent complete: 90.2%; Average loss: 1.8424  
Iteration: 3608; Percent complete: 90.2%; Average loss: 1.7361  
Iteration: 3609; Percent complete: 90.2%; Average loss: 1.9408  
Iteration: 3610; Percent complete: 90.2%; Average loss: 2.0643  
Iteration: 3611; Percent complete: 90.3%; Average loss: 1.8793  
Iteration: 3612; Percent complete: 90.3%; Average loss: 1.6601  
Iteration: 3613; Percent complete: 90.3%; Average loss: 1.8093  
Iteration: 3614; Percent complete: 90.3%; Average loss: 1.8946  
Iteration: 3615; Percent complete: 90.4%; Average loss: 1.7508  
Iteration: 3616; Percent complete: 90.4%; Average loss: 1.8881  
Iteration: 3617; Percent complete: 90.4%; Average loss: 1.9222  
Iteration: 3618; Percent complete: 90.5%; Average loss: 1.8355  
Iteration: 3619; Percent complete: 90.5%; Average loss: 1.8543  
Iteration: 3620; Percent complete: 90.5%; Average loss: 1.8330  
Iteration: 3621; Percent complete: 90.5%; Average loss: 2.0533  
Iteration: 3622; Percent complete: 90.5%; Average loss: 1.7692  
Iteration: 3623; Percent complete: 90.6%; Average loss: 1.8059  
Iteration: 3624; Percent complete: 90.6%; Average loss: 1.8198  
Iteration: 3625; Percent complete: 90.6%; Average loss: 1.7761  
Iteration: 3626; Percent complete: 90.6%; Average loss: 1.9843  
Iteration: 3627; Percent complete: 90.7%; Average loss: 1.9689  
Iteration: 3628; Percent complete: 90.7%; Average loss: 1.7286  
Iteration: 3629; Percent complete: 90.7%; Average loss: 1.8406  
Iteration: 3630; Percent complete: 90.8%; Average loss: 1.8139  
Iteration: 3631; Percent complete: 90.8%; Average loss: 1.8174  
Iteration: 3632; Percent complete: 90.8%; Average loss: 1.8096  
Iteration: 3633; Percent complete: 90.8%; Average loss: 1.9691  
Iteration: 3634; Percent complete: 90.8%; Average loss: 2.0091  
Iteration: 3635; Percent complete: 90.9%; Average loss: 1.5282  
Iteration: 3636; Percent complete: 90.9%; Average loss: 1.7976  
Iteration: 3637; Percent complete: 90.9%; Average loss: 1.7585  
Iteration: 3638; Percent complete: 91.0%; Average loss: 2.1246  
Iteration: 3639; Percent complete: 91.0%; Average loss: 1.7243  
Iteration: 3640; Percent complete: 91.0%; Average loss: 1.9351  
Iteration: 3641; Percent complete: 91.0%; Average loss: 1.7095  
Iteration: 3642; Percent complete: 91.0%; Average loss: 2.0247  
Iteration: 3643; Percent complete: 91.1%; Average loss: 1.6741  
Iteration: 3644; Percent complete: 91.1%; Average loss: 1.6705  
Iteration: 3645; Percent complete: 91.1%; Average loss: 1.8939  
Iteration: 3646; Percent complete: 91.1%; Average loss: 1.8572  
Iteration: 3647; Percent complete: 91.2%; Average loss: 1.7430  
Iteration: 3648; Percent complete: 91.2%; Average loss: 1.8221  
Iteration: 3649; Percent complete: 91.2%; Average loss: 1.7799  
Iteration: 3650; Percent complete: 91.2%; Average loss: 1.6776  
Iteration: 3651; Percent complete: 91.3%; Average loss: 1.8752

Iteration: 3651; Percent complete: 91.5%; Average loss: 1.8792  
Iteration: 3652; Percent complete: 91.3%; Average loss: 1.7094  
Iteration: 3653; Percent complete: 91.3%; Average loss: 1.8513  
Iteration: 3654; Percent complete: 91.3%; Average loss: 1.8644  
Iteration: 3655; Percent complete: 91.4%; Average loss: 2.0492  
Iteration: 3656; Percent complete: 91.4%; Average loss: 1.7358  
Iteration: 3657; Percent complete: 91.4%; Average loss: 1.7958  
Iteration: 3658; Percent complete: 91.5%; Average loss: 1.6597  
Iteration: 3659; Percent complete: 91.5%; Average loss: 1.8355  
Iteration: 3660; Percent complete: 91.5%; Average loss: 1.8487  
Iteration: 3661; Percent complete: 91.5%; Average loss: 2.0455  
Iteration: 3662; Percent complete: 91.5%; Average loss: 1.6765  
Iteration: 3663; Percent complete: 91.6%; Average loss: 1.8534  
Iteration: 3664; Percent complete: 91.6%; Average loss: 1.9587  
Iteration: 3665; Percent complete: 91.6%; Average loss: 1.9746  
Iteration: 3666; Percent complete: 91.6%; Average loss: 1.9623  
Iteration: 3667; Percent complete: 91.7%; Average loss: 1.9448  
Iteration: 3668; Percent complete: 91.7%; Average loss: 1.9030  
Iteration: 3669; Percent complete: 91.7%; Average loss: 1.7055  
Iteration: 3670; Percent complete: 91.8%; Average loss: 1.8008  
Iteration: 3671; Percent complete: 91.8%; Average loss: 1.8365  
Iteration: 3672; Percent complete: 91.8%; Average loss: 1.9602  
Iteration: 3673; Percent complete: 91.8%; Average loss: 2.2931  
Iteration: 3674; Percent complete: 91.8%; Average loss: 1.8445  
Iteration: 3675; Percent complete: 91.9%; Average loss: 1.7675  
Iteration: 3676; Percent complete: 91.9%; Average loss: 1.7832  
Iteration: 3677; Percent complete: 91.9%; Average loss: 1.9193  
Iteration: 3678; Percent complete: 92.0%; Average loss: 1.9655  
Iteration: 3679; Percent complete: 92.0%; Average loss: 1.8406  
Iteration: 3680; Percent complete: 92.0%; Average loss: 1.8826  
Iteration: 3681; Percent complete: 92.0%; Average loss: 1.6687  
Iteration: 3682; Percent complete: 92.0%; Average loss: 1.7390  
Iteration: 3683; Percent complete: 92.1%; Average loss: 1.9139  
Iteration: 3684; Percent complete: 92.1%; Average loss: 1.8828  
Iteration: 3685; Percent complete: 92.1%; Average loss: 1.8203  
Iteration: 3686; Percent complete: 92.2%; Average loss: 1.8639  
Iteration: 3687; Percent complete: 92.2%; Average loss: 1.8143  
Iteration: 3688; Percent complete: 92.2%; Average loss: 1.7171  
Iteration: 3689; Percent complete: 92.2%; Average loss: 1.9897  
Iteration: 3690; Percent complete: 92.2%; Average loss: 2.1607  
Iteration: 3691; Percent complete: 92.3%; Average loss: 2.1385  
Iteration: 3692; Percent complete: 92.3%; Average loss: 1.7932  
Iteration: 3693; Percent complete: 92.3%; Average loss: 1.8360  
Iteration: 3694; Percent complete: 92.3%; Average loss: 1.8318  
Iteration: 3695; Percent complete: 92.4%; Average loss: 1.7234  
Iteration: 3696; Percent complete: 92.4%; Average loss: 1.8192  
Iteration: 3697; Percent complete: 92.4%; Average loss: 1.8404  
Iteration: 3698; Percent complete: 92.5%; Average loss: 1.9215  
Iteration: 3699; Percent complete: 92.5%; Average loss: 2.0301  
Iteration: 3700; Percent complete: 92.5%; Average loss: 2.0433  
Iteration: 3701; Percent complete: 92.5%; Average loss: 1.7631  
Iteration: 3702; Percent complete: 92.5%; Average loss: 1.7949  
Iteration: 3703; Percent complete: 92.6%; Average loss: 1.8614  
Iteration: 3704; Percent complete: 92.6%; Average loss: 1.8608  
Iteration: 3705; Percent complete: 92.6%; Average loss: 1.6867  
Iteration: 3706; Percent complete: 92.7%; Average loss: 1.9574  
Iteration: 3707; Percent complete: 92.7%; Average loss: 1.8466  
Iteration: 3708; Percent complete: 92.7%; Average loss: 1.6141  
Iteration: 3709; Percent complete: 92.7%; Average loss: 1.8090  
Iteration: 3710; Percent complete: 92.8%; Average loss: 1.6882  
Iteration: 3711; Percent complete: 92.8%; Average loss: 2.0256  
Iteration: 3712; Percent complete: 92.8%; Average loss: 1.9762  
Iteration: 3713; Percent complete: 92.8%; Average loss: 1.7762  
Iteration: 3714; Percent complete: 92.8%; Average loss: 1.9775  
Iteration: 3715; Percent complete: 92.9%; Average loss: 1.7262  
Iteration: 3716; Percent complete: 92.9%; Average loss: 1.7011  
Iteration: 3717; Percent complete: 92.9%; Average loss: 1.9625  
Iteration: 3718; Percent complete: 93.0%; Average loss: 1.8979  
Iteration: 3719; Percent complete: 93.0%; Average loss: 1.8462  
Iteration: 3720; Percent complete: 93.0%; Average loss: 1.9367  
Iteration: 3721; Percent complete: 93.0%; Average loss: 1.6147  
Iteration: 3722; Percent complete: 93.0%; Average loss: 1.8401  
Iteration: 3723; Percent complete: 93.1%; Average loss: 1.8099  
Iteration: 3724; Percent complete: 93.1%; Average loss: 1.8882  
Iteration: 3725; Percent complete: 93.1%; Average loss: 1.8739  
Iteration: 3726; Percent complete: 93.2%; Average loss: 1.9141  
Iteration: 3727; Percent complete: 93.2%; Average loss: 1.8061  
Iteration: 3728; Percent complete: 93.2%; Average loss: 1.7960  
Iteration: 3729; Percent complete: 93.2%; Average loss: 1.8230  
Iteration: 3730; Percent complete: 93.2%; Average loss: 1.6178  
Iteration: 3731; Percent complete: 93.3%; Average loss: 1.9522  
Iteration: 3732; Percent complete: 93.3%; Average loss: 1.9738  
Iteration: 3733; Percent complete: 93.3%; Average loss: 1.7789  
Iteration: 3734; Percent complete: 93.3%; Average loss: 1.9273  
Iteration: 3735; Percent complete: 93.4%; Average loss: 1.8893  
Iteration: 3736; Percent complete: 93.4%; Average loss: 1.8403  
Iteration: 3737; Percent complete: 93.4%; Average loss: 1.9662  
Iteration: 3738; Percent complete: 93.5%; Average loss: 1.8930  
Iteration: 3739; Percent complete: 93.5%; Average loss: 1.7106  
Iteration: 3740; Percent complete: 93.5%; Average loss: 1.6632  
Iteration: 3741; Percent complete: 93.5%; Average loss: 1.8826  
Iteration: 3742; Percent complete: 93.5%; Average loss: 1.7074

Iteration: 3743; Percent complete: 93.6%; Average loss: 1.7612  
Iteration: 3744; Percent complete: 93.6%; Average loss: 1.8425  
Iteration: 3745; Percent complete: 93.6%; Average loss: 1.8394  
Iteration: 3746; Percent complete: 93.7%; Average loss: 1.6501  
Iteration: 3747; Percent complete: 93.7%; Average loss: 2.1094  
Iteration: 3748; Percent complete: 93.7%; Average loss: 1.6511  
Iteration: 3749; Percent complete: 93.7%; Average loss: 1.7965  
Iteration: 3750; Percent complete: 93.8%; Average loss: 1.8141  
Iteration: 3751; Percent complete: 93.8%; Average loss: 1.9265  
Iteration: 3752; Percent complete: 93.8%; Average loss: 1.6844  
Iteration: 3753; Percent complete: 93.8%; Average loss: 1.9229  
Iteration: 3754; Percent complete: 93.8%; Average loss: 1.9768  
Iteration: 3755; Percent complete: 93.9%; Average loss: 2.0267  
Iteration: 3756; Percent complete: 93.9%; Average loss: 2.0891  
Iteration: 3757; Percent complete: 93.9%; Average loss: 1.7549  
Iteration: 3758; Percent complete: 94.0%; Average loss: 1.9084  
Iteration: 3759; Percent complete: 94.0%; Average loss: 1.9100  
Iteration: 3760; Percent complete: 94.0%; Average loss: 1.8373  
Iteration: 3761; Percent complete: 94.0%; Average loss: 1.7142  
Iteration: 3762; Percent complete: 94.0%; Average loss: 2.0134  
Iteration: 3763; Percent complete: 94.1%; Average loss: 1.5752  
Iteration: 3764; Percent complete: 94.1%; Average loss: 1.7258  
Iteration: 3765; Percent complete: 94.1%; Average loss: 1.9139  
Iteration: 3766; Percent complete: 94.2%; Average loss: 1.8578  
Iteration: 3767; Percent complete: 94.2%; Average loss: 1.5357  
Iteration: 3768; Percent complete: 94.2%; Average loss: 1.9130  
Iteration: 3769; Percent complete: 94.2%; Average loss: 1.8733  
Iteration: 3770; Percent complete: 94.2%; Average loss: 1.8374  
Iteration: 3771; Percent complete: 94.3%; Average loss: 1.7909  
Iteration: 3772; Percent complete: 94.3%; Average loss: 1.9763  
Iteration: 3773; Percent complete: 94.3%; Average loss: 1.8564  
Iteration: 3774; Percent complete: 94.3%; Average loss: 1.9221  
Iteration: 3775; Percent complete: 94.4%; Average loss: 1.7038  
Iteration: 3776; Percent complete: 94.4%; Average loss: 2.0696  
Iteration: 3777; Percent complete: 94.4%; Average loss: 1.8221  
Iteration: 3778; Percent complete: 94.5%; Average loss: 1.9520  
Iteration: 3779; Percent complete: 94.5%; Average loss: 1.9346  
Iteration: 3780; Percent complete: 94.5%; Average loss: 1.8683  
Iteration: 3781; Percent complete: 94.5%; Average loss: 1.9778  
Iteration: 3782; Percent complete: 94.5%; Average loss: 1.7468  
Iteration: 3783; Percent complete: 94.6%; Average loss: 1.7695  
Iteration: 3784; Percent complete: 94.6%; Average loss: 1.7739  
Iteration: 3785; Percent complete: 94.6%; Average loss: 1.8948  
Iteration: 3786; Percent complete: 94.7%; Average loss: 1.7097  
Iteration: 3787; Percent complete: 94.7%; Average loss: 1.8088  
Iteration: 3788; Percent complete: 94.7%; Average loss: 1.6282  
Iteration: 3789; Percent complete: 94.7%; Average loss: 1.6893  
Iteration: 3790; Percent complete: 94.8%; Average loss: 1.8735  
Iteration: 3791; Percent complete: 94.8%; Average loss: 1.6357  
Iteration: 3792; Percent complete: 94.8%; Average loss: 1.9954  
Iteration: 3793; Percent complete: 94.8%; Average loss: 1.7462  
Iteration: 3794; Percent complete: 94.8%; Average loss: 1.7837  
Iteration: 3795; Percent complete: 94.9%; Average loss: 1.9216  
Iteration: 3796; Percent complete: 94.9%; Average loss: 1.9924  
Iteration: 3797; Percent complete: 94.9%; Average loss: 1.6615  
Iteration: 3798; Percent complete: 95.0%; Average loss: 1.8405  
Iteration: 3799; Percent complete: 95.0%; Average loss: 1.9609  
Iteration: 3800; Percent complete: 95.0%; Average loss: 1.9088  
Iteration: 3801; Percent complete: 95.0%; Average loss: 2.0558  
Iteration: 3802; Percent complete: 95.0%; Average loss: 2.0415  
Iteration: 3803; Percent complete: 95.1%; Average loss: 1.8289  
Iteration: 3804; Percent complete: 95.1%; Average loss: 1.6630  
Iteration: 3805; Percent complete: 95.1%; Average loss: 1.8616  
Iteration: 3806; Percent complete: 95.2%; Average loss: 1.7146  
Iteration: 3807; Percent complete: 95.2%; Average loss: 1.9177  
Iteration: 3808; Percent complete: 95.2%; Average loss: 1.9441  
Iteration: 3809; Percent complete: 95.2%; Average loss: 1.5880  
Iteration: 3810; Percent complete: 95.2%; Average loss: 1.7659  
Iteration: 3811; Percent complete: 95.3%; Average loss: 1.7883  
Iteration: 3812; Percent complete: 95.3%; Average loss: 1.6743  
Iteration: 3813; Percent complete: 95.3%; Average loss: 1.8619  
Iteration: 3814; Percent complete: 95.3%; Average loss: 1.7633  
Iteration: 3815; Percent complete: 95.4%; Average loss: 1.6967  
Iteration: 3816; Percent complete: 95.4%; Average loss: 1.9347  
Iteration: 3817; Percent complete: 95.4%; Average loss: 1.8859  
Iteration: 3818; Percent complete: 95.5%; Average loss: 1.7838  
Iteration: 3819; Percent complete: 95.5%; Average loss: 1.8376  
Iteration: 3820; Percent complete: 95.5%; Average loss: 2.1046  
Iteration: 3821; Percent complete: 95.5%; Average loss: 1.9567  
Iteration: 3822; Percent complete: 95.5%; Average loss: 2.0067  
Iteration: 3823; Percent complete: 95.6%; Average loss: 1.9105  
Iteration: 3824; Percent complete: 95.6%; Average loss: 1.7943  
Iteration: 3825; Percent complete: 95.6%; Average loss: 1.9257  
Iteration: 3826; Percent complete: 95.7%; Average loss: 1.8039  
Iteration: 3827; Percent complete: 95.7%; Average loss: 1.6730  
Iteration: 3828; Percent complete: 95.7%; Average loss: 1.7935  
Iteration: 3829; Percent complete: 95.7%; Average loss: 1.9986  
Iteration: 3830; Percent complete: 95.8%; Average loss: 1.7678  
Iteration: 3831; Percent complete: 95.8%; Average loss: 1.8836  
Iteration: 3832; Percent complete: 95.8%; Average loss: 1.8452  
Iteration: 3833; Percent complete: 95.8%; Average loss: 1.9834

Iteration: 3834; Percent complete: 95.9%; Average loss: 1.9290  
Iteration: 3835; Percent complete: 95.9%; Average loss: 1.7891  
Iteration: 3836; Percent complete: 95.9%; Average loss: 1.7911  
Iteration: 3837; Percent complete: 95.9%; Average loss: 1.9050  
Iteration: 3838; Percent complete: 96.0%; Average loss: 1.6636  
Iteration: 3839; Percent complete: 96.0%; Average loss: 1.7404  
Iteration: 3840; Percent complete: 96.0%; Average loss: 1.6339  
Iteration: 3841; Percent complete: 96.0%; Average loss: 1.8775  
Iteration: 3842; Percent complete: 96.0%; Average loss: 1.8293  
Iteration: 3843; Percent complete: 96.1%; Average loss: 1.8101  
Iteration: 3844; Percent complete: 96.1%; Average loss: 2.1753  
Iteration: 3845; Percent complete: 96.1%; Average loss: 1.8869  
Iteration: 3846; Percent complete: 96.2%; Average loss: 1.7292  
Iteration: 3847; Percent complete: 96.2%; Average loss: 2.0020  
Iteration: 3848; Percent complete: 96.2%; Average loss: 1.7774  
Iteration: 3849; Percent complete: 96.2%; Average loss: 1.8726  
Iteration: 3850; Percent complete: 96.2%; Average loss: 1.6769  
Iteration: 3851; Percent complete: 96.3%; Average loss: 1.8208  
Iteration: 3852; Percent complete: 96.3%; Average loss: 1.8699  
Iteration: 3853; Percent complete: 96.3%; Average loss: 1.7441  
Iteration: 3854; Percent complete: 96.4%; Average loss: 1.5727  
Iteration: 3855; Percent complete: 96.4%; Average loss: 1.8047  
Iteration: 3856; Percent complete: 96.4%; Average loss: 1.7279  
Iteration: 3857; Percent complete: 96.4%; Average loss: 1.8893  
Iteration: 3858; Percent complete: 96.5%; Average loss: 1.7695  
Iteration: 3859; Percent complete: 96.5%; Average loss: 1.8833  
Iteration: 3860; Percent complete: 96.5%; Average loss: 1.8532  
Iteration: 3861; Percent complete: 96.5%; Average loss: 1.9026  
Iteration: 3862; Percent complete: 96.5%; Average loss: 1.7163  
Iteration: 3863; Percent complete: 96.6%; Average loss: 1.8668  
Iteration: 3864; Percent complete: 96.6%; Average loss: 1.6266  
Iteration: 3865; Percent complete: 96.6%; Average loss: 1.9084  
Iteration: 3866; Percent complete: 96.7%; Average loss: 1.7685  
Iteration: 3867; Percent complete: 96.7%; Average loss: 1.5975  
Iteration: 3868; Percent complete: 96.7%; Average loss: 1.9961  
Iteration: 3869; Percent complete: 96.7%; Average loss: 1.4691  
Iteration: 3870; Percent complete: 96.8%; Average loss: 1.8521  
Iteration: 3871; Percent complete: 96.8%; Average loss: 1.9320  
Iteration: 3872; Percent complete: 96.8%; Average loss: 1.7586  
Iteration: 3873; Percent complete: 96.8%; Average loss: 1.8613  
Iteration: 3874; Percent complete: 96.9%; Average loss: 1.8104  
Iteration: 3875; Percent complete: 96.9%; Average loss: 1.7985  
Iteration: 3876; Percent complete: 96.9%; Average loss: 1.8869  
Iteration: 3877; Percent complete: 96.9%; Average loss: 1.9352  
Iteration: 3878; Percent complete: 97.0%; Average loss: 1.7794  
Iteration: 3879; Percent complete: 97.0%; Average loss: 1.6517  
Iteration: 3880; Percent complete: 97.0%; Average loss: 1.8017  
Iteration: 3881; Percent complete: 97.0%; Average loss: 2.0270  
Iteration: 3882; Percent complete: 97.0%; Average loss: 1.5026  
Iteration: 3883; Percent complete: 97.1%; Average loss: 1.7284  
Iteration: 3884; Percent complete: 97.1%; Average loss: 1.8848  
Iteration: 3885; Percent complete: 97.1%; Average loss: 1.7420  
Iteration: 3886; Percent complete: 97.2%; Average loss: 1.9073  
Iteration: 3887; Percent complete: 97.2%; Average loss: 1.7222  
Iteration: 3888; Percent complete: 97.2%; Average loss: 1.9386  
Iteration: 3889; Percent complete: 97.2%; Average loss: 1.4839  
Iteration: 3890; Percent complete: 97.2%; Average loss: 1.7500  
Iteration: 3891; Percent complete: 97.3%; Average loss: 1.7908  
Iteration: 3892; Percent complete: 97.3%; Average loss: 1.7651  
Iteration: 3893; Percent complete: 97.3%; Average loss: 1.6715  
Iteration: 3894; Percent complete: 97.4%; Average loss: 2.0109  
Iteration: 3895; Percent complete: 97.4%; Average loss: 1.8631  
Iteration: 3896; Percent complete: 97.4%; Average loss: 1.7602  
Iteration: 3897; Percent complete: 97.4%; Average loss: 1.6895  
Iteration: 3898; Percent complete: 97.5%; Average loss: 1.7867  
Iteration: 3899; Percent complete: 97.5%; Average loss: 1.6492  
Iteration: 3900; Percent complete: 97.5%; Average loss: 1.9470  
Iteration: 3901; Percent complete: 97.5%; Average loss: 1.8248  
Iteration: 3902; Percent complete: 97.5%; Average loss: 1.8394  
Iteration: 3903; Percent complete: 97.6%; Average loss: 1.7586  
Iteration: 3904; Percent complete: 97.6%; Average loss: 1.7152  
Iteration: 3905; Percent complete: 97.6%; Average loss: 1.9000  
Iteration: 3906; Percent complete: 97.7%; Average loss: 1.7721  
Iteration: 3907; Percent complete: 97.7%; Average loss: 1.6978  
Iteration: 3908; Percent complete: 97.7%; Average loss: 1.8918  
Iteration: 3909; Percent complete: 97.7%; Average loss: 1.6919  
Iteration: 3910; Percent complete: 97.8%; Average loss: 1.8681  
Iteration: 3911; Percent complete: 97.8%; Average loss: 1.8340  
Iteration: 3912; Percent complete: 97.8%; Average loss: 1.7682  
Iteration: 3913; Percent complete: 97.8%; Average loss: 1.8557  
Iteration: 3914; Percent complete: 97.9%; Average loss: 1.7676  
Iteration: 3915; Percent complete: 97.9%; Average loss: 1.9617  
Iteration: 3916; Percent complete: 97.9%; Average loss: 1.7700  
Iteration: 3917; Percent complete: 97.9%; Average loss: 1.6144  
Iteration: 3918; Percent complete: 98.0%; Average loss: 1.8746  
Iteration: 3919; Percent complete: 98.0%; Average loss: 1.6656  
Iteration: 3920; Percent complete: 98.0%; Average loss: 1.7857  
Iteration: 3921; Percent complete: 98.0%; Average loss: 1.9143  
Iteration: 3922; Percent complete: 98.0%; Average loss: 1.6978  
Iteration: 3923; Percent complete: 98.1%; Average loss: 1.7927  
Iteration: 3924; Percent complete: 98.1%; Average loss: 1.6107  
Iteration: 3925; Percent complete: 98.1%; Average loss: 2.0456



loss 2.31924

View run **earthly-sweep-4** at: <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps/runs/rmzx8htn>

View project at: <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps>

Synced 5 W&B file(s), 0 media file(s), 0 artifact file(s) and 0 other file(s)

Find logs at: ./wandb/run-20250928\_212631-rmzx8htn/logs

**wandb**: Agent Starting Run: lsxhwbk0 with config:

**wandb**: clip: 0

**wandb**: decoder\_learning\_ratio: 5

**wandb**: learning\_rate: 0.0001

**wandb**: optimizer: SGD

**wandb**: teacher\_forcing\_ratio: 1

Tracking run with wandb version 0.22.0

Run data is saved locally in /content/wandb/run-20250928\_213029-lsxhwbk0

Syncing run **dry-sweep-5** to [Weights & Biases \(docs\)](#)

Sweep page: <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps/sweeps/jvrgg7ty>

View project at <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps>

View sweep at <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps/sweeps/jvrgg7ty>

View run at <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps/runs/lxhwbk0>

Building optimizers ...

Starting Training!

Initializing ...

Training...

Iteration: 1; Percent complete: 0.0%; Average loss: 1.7661  
Iteration: 2; Percent complete: 0.1%; Average loss: 1.9251  
Iteration: 3; Percent complete: 0.1%; Average loss: 1.8859  
Iteration: 4; Percent complete: 0.1%; Average loss: 1.8068  
Iteration: 5; Percent complete: 0.1%; Average loss: 1.7618  
Iteration: 6; Percent complete: 0.1%; Average loss: 1.9376  
Iteration: 7; Percent complete: 0.2%; Average loss: 1.7681  
Iteration: 8; Percent complete: 0.2%; Average loss: 1.6459  
Iteration: 9; Percent complete: 0.2%; Average loss: 2.0871  
Iteration: 10; Percent complete: 0.2%; Average loss: 1.9320  
Iteration: 11; Percent complete: 0.3%; Average loss: 1.9365  
Iteration: 12; Percent complete: 0.3%; Average loss: 1.9302  
Iteration: 13; Percent complete: 0.3%; Average loss: 1.7194  
Iteration: 14; Percent complete: 0.4%; Average loss: 1.9313  
Iteration: 15; Percent complete: 0.4%; Average loss: 1.5993  
Iteration: 16; Percent complete: 0.4%; Average loss: 1.8289  
Iteration: 17; Percent complete: 0.4%; Average loss: 1.9545  
Iteration: 18; Percent complete: 0.4%; Average loss: 1.6452  
Iteration: 19; Percent complete: 0.5%; Average loss: 1.7830  
Iteration: 20; Percent complete: 0.5%; Average loss: 1.8619  
Iteration: 21; Percent complete: 0.5%; Average loss: 1.8002  
Iteration: 22; Percent complete: 0.5%; Average loss: 1.7877  
Iteration: 23; Percent complete: 0.6%; Average loss: 1.7948  
Iteration: 24; Percent complete: 0.6%; Average loss: 2.1119  
Iteration: 25; Percent complete: 0.6%; Average loss: 2.0090  
Iteration: 26; Percent complete: 0.7%; Average loss: 1.8508  
Iteration: 27; Percent complete: 0.7%; Average loss: 1.8966  
Iteration: 28; Percent complete: 0.7%; Average loss: 1.9725  
Iteration: 29; Percent complete: 0.7%; Average loss: 1.7375  
Iteration: 30; Percent complete: 0.8%; Average loss: 2.2053  
Iteration: 31; Percent complete: 0.8%; Average loss: 1.9866  
Iteration: 32; Percent complete: 0.8%; Average loss: 1.6358  
Iteration: 33; Percent complete: 0.8%; Average loss: 1.6653  
Iteration: 34; Percent complete: 0.9%; Average loss: 1.6926  
Iteration: 35; Percent complete: 0.9%; Average loss: 1.8774  
Iteration: 36; Percent complete: 0.9%; Average loss: 2.1934  
Iteration: 37; Percent complete: 0.9%; Average loss: 1.6937  
Iteration: 38; Percent complete: 0.9%; Average loss: 1.8732  
Iteration: 39; Percent complete: 1.0%; Average loss: 1.9114  
Iteration: 40; Percent complete: 1.0%; Average loss: 1.7796  
Iteration: 41; Percent complete: 1.0%; Average loss: 1.8241  
Iteration: 42; Percent complete: 1.1%; Average loss: 1.8098  
Iteration: 43; Percent complete: 1.1%; Average loss: 2.0015  
Iteration: 44; Percent complete: 1.1%; Average loss: 1.9154  
Iteration: 45; Percent complete: 1.1%; Average loss: 1.6091  
Iteration: 46; Percent complete: 1.1%; Average loss: 1.7280  
Iteration: 47; Percent complete: 1.2%; Average loss: 1.9805  
Iteration: 48; Percent complete: 1.2%; Average loss: 1.7874  
Iteration: 49; Percent complete: 1.2%; Average loss: 1.6614  
Iteration: 50; Percent complete: 1.2%; Average loss: 1.8598  
Iteration: 51; Percent complete: 1.3%; Average loss: 2.0528  
Iteration: 52; Percent complete: 1.3%; Average loss: 1.8520  
Iteration: 53; Percent complete: 1.3%; Average loss: 1.6697  
Iteration: 54; Percent complete: 1.4%; Average loss: 1.5165  
Iteration: 55; Percent complete: 1.4%; Average loss: 1.7626  
Iteration: 56; Percent complete: 1.4%; Average loss: 1.6511  
Iteration: 57; Percent complete: 1.4%; Average loss: 1.6472  
Iteration: 58; Percent complete: 1.5%; Average loss: 1.6908  
Iteration: 59; Percent complete: 1.5%; Average loss: 1.5262  
Iteration: 60; Percent complete: 1.5%; Average loss: 1.6951  
Iteration: 61; Percent complete: 1.5%; Average loss: 1.9570  
Iteration: 62; Percent complete: 1.6%; Average loss: 2.1143  
Iteration: 63; Percent complete: 1.6%; Average loss: 1.7233  
Iteration: 64; Percent complete: 1.6%; Average loss: 1.6961  
Iteration: 65; Percent complete: 1.6%; Average loss: 1.9679  
Iteration: 66; Percent complete: 1.7%; Average loss: 1.7285  
Iteration: 67; Percent complete: 1.7%; Average loss: 1.8222  
Iteration: 68; Percent complete: 1.7%; Average loss: 1.6707



Iteration: 68; Percent complete: 1.7%; Average loss: 1.0707  
Iteration: 69; Percent complete: 1.7%; Average loss: 1.7369  
Iteration: 70; Percent complete: 1.8%; Average loss: 1.7516  
Iteration: 71; Percent complete: 1.8%; Average loss: 2.0508  
Iteration: 72; Percent complete: 1.8%; Average loss: 1.9512  
Iteration: 73; Percent complete: 1.8%; Average loss: 1.7574  
Iteration: 74; Percent complete: 1.8%; Average loss: 1.7777  
Iteration: 75; Percent complete: 1.9%; Average loss: 2.0337  
Iteration: 76; Percent complete: 1.9%; Average loss: 1.5756  
Iteration: 77; Percent complete: 1.9%; Average loss: 1.7728  
Iteration: 78; Percent complete: 1.9%; Average loss: 1.8641  
Iteration: 79; Percent complete: 2.0%; Average loss: 1.7568  
Iteration: 80; Percent complete: 2.0%; Average loss: 1.7690  
Iteration: 81; Percent complete: 2.0%; Average loss: 1.6597  
Iteration: 82; Percent complete: 2.1%; Average loss: 1.8753  
Iteration: 83; Percent complete: 2.1%; Average loss: 1.4596  
Iteration: 84; Percent complete: 2.1%; Average loss: 1.7871  
Iteration: 85; Percent complete: 2.1%; Average loss: 1.6910  
Iteration: 86; Percent complete: 2.1%; Average loss: 1.8321  
Iteration: 87; Percent complete: 2.2%; Average loss: 1.6840  
Iteration: 88; Percent complete: 2.2%; Average loss: 1.8892  
Iteration: 89; Percent complete: 2.2%; Average loss: 1.7903  
Iteration: 90; Percent complete: 2.2%; Average loss: 1.8271  
Iteration: 91; Percent complete: 2.3%; Average loss: 1.7014  
Iteration: 92; Percent complete: 2.3%; Average loss: 1.6712  
Iteration: 93; Percent complete: 2.3%; Average loss: 1.7244  
Iteration: 94; Percent complete: 2.4%; Average loss: 1.9256  
Iteration: 95; Percent complete: 2.4%; Average loss: 1.7028  
Iteration: 96; Percent complete: 2.4%; Average loss: 1.8905  
Iteration: 97; Percent complete: 2.4%; Average loss: 1.7299  
Iteration: 98; Percent complete: 2.5%; Average loss: 1.7306  
Iteration: 99; Percent complete: 2.5%; Average loss: 1.8699  
Iteration: 100; Percent complete: 2.5%; Average loss: 1.6187  
Iteration: 101; Percent complete: 2.5%; Average loss: 1.8820  
Iteration: 102; Percent complete: 2.5%; Average loss: 1.9034  
Iteration: 103; Percent complete: 2.6%; Average loss: 1.7002  
Iteration: 104; Percent complete: 2.6%; Average loss: 1.8203  
Iteration: 105; Percent complete: 2.6%; Average loss: 1.9190  
Iteration: 106; Percent complete: 2.6%; Average loss: 1.7008  
Iteration: 107; Percent complete: 2.7%; Average loss: 2.0602  
Iteration: 108; Percent complete: 2.7%; Average loss: 1.9145  
Iteration: 109; Percent complete: 2.7%; Average loss: 1.7840  
Iteration: 110; Percent complete: 2.8%; Average loss: 1.6983  
Iteration: 111; Percent complete: 2.8%; Average loss: 1.7403  
Iteration: 112; Percent complete: 2.8%; Average loss: 1.6829  
Iteration: 113; Percent complete: 2.8%; Average loss: 1.8046  
Iteration: 114; Percent complete: 2.9%; Average loss: 1.6216  
Iteration: 115; Percent complete: 2.9%; Average loss: 1.8808  
Iteration: 116; Percent complete: 2.9%; Average loss: 1.9355  
Iteration: 117; Percent complete: 2.9%; Average loss: 1.6597  
Iteration: 118; Percent complete: 2.9%; Average loss: 1.8489  
Iteration: 119; Percent complete: 3.0%; Average loss: 1.8323  
Iteration: 120; Percent complete: 3.0%; Average loss: 1.7225  
Iteration: 121; Percent complete: 3.0%; Average loss: 1.7878  
Iteration: 122; Percent complete: 3.0%; Average loss: 1.9362  
Iteration: 123; Percent complete: 3.1%; Average loss: 2.1094  
Iteration: 124; Percent complete: 3.1%; Average loss: 1.8445  
Iteration: 125; Percent complete: 3.1%; Average loss: 1.7805  
Iteration: 126; Percent complete: 3.1%; Average loss: 1.8635  
Iteration: 127; Percent complete: 3.2%; Average loss: 1.8405  
Iteration: 128; Percent complete: 3.2%; Average loss: 1.6516  
Iteration: 129; Percent complete: 3.2%; Average loss: 1.8792  
Iteration: 130; Percent complete: 3.2%; Average loss: 1.8664  
Iteration: 131; Percent complete: 3.3%; Average loss: 1.5849  
Iteration: 132; Percent complete: 3.3%; Average loss: 1.9186  
Iteration: 133; Percent complete: 3.3%; Average loss: 1.8078  
Iteration: 134; Percent complete: 3.4%; Average loss: 1.7465  
Iteration: 135; Percent complete: 3.4%; Average loss: 1.9789  
Iteration: 136; Percent complete: 3.4%; Average loss: 1.8665  
Iteration: 137; Percent complete: 3.4%; Average loss: 2.2618  
Iteration: 138; Percent complete: 3.5%; Average loss: 2.0441  
Iteration: 139; Percent complete: 3.5%; Average loss: 1.8087  
Iteration: 140; Percent complete: 3.5%; Average loss: 1.5872  
Iteration: 141; Percent complete: 3.5%; Average loss: 1.7409  
Iteration: 142; Percent complete: 3.5%; Average loss: 1.8098  
Iteration: 143; Percent complete: 3.6%; Average loss: 1.8556  
Iteration: 144; Percent complete: 3.6%; Average loss: 1.7258  
Iteration: 145; Percent complete: 3.6%; Average loss: 1.8763  
Iteration: 146; Percent complete: 3.6%; Average loss: 1.6364  
Iteration: 147; Percent complete: 3.7%; Average loss: 1.7770  
Iteration: 148; Percent complete: 3.7%; Average loss: 2.0236  
Iteration: 149; Percent complete: 3.7%; Average loss: 1.8082  
Iteration: 150; Percent complete: 3.8%; Average loss: 1.6741  
Iteration: 151; Percent complete: 3.8%; Average loss: 1.7077  
Iteration: 152; Percent complete: 3.8%; Average loss: 1.8971  
Iteration: 153; Percent complete: 3.8%; Average loss: 1.7127  
Iteration: 154; Percent complete: 3.9%; Average loss: 1.6975  
Iteration: 155; Percent complete: 3.9%; Average loss: 1.8183  
Iteration: 156; Percent complete: 3.9%; Average loss: 1.8955  
Iteration: 157; Percent complete: 3.9%; Average loss: 1.7643  
Iteration: 158; Percent complete: 4.0%; Average loss: 1.8370  
Iteration: 159; Percent complete: 4.0%; Average loss: 1.7489

Iteration: 160; Percent complete: 4.0%; Average loss: 1.6536  
Iteration: 161; Percent complete: 4.0%; Average loss: 1.8756  
Iteration: 162; Percent complete: 4.0%; Average loss: 1.8544  
Iteration: 163; Percent complete: 4.1%; Average loss: 1.7102  
Iteration: 164; Percent complete: 4.1%; Average loss: 1.8820  
Iteration: 165; Percent complete: 4.1%; Average loss: 1.6486  
Iteration: 166; Percent complete: 4.2%; Average loss: 1.5956  
Iteration: 167; Percent complete: 4.2%; Average loss: 1.8975  
Iteration: 168; Percent complete: 4.2%; Average loss: 1.8350  
Iteration: 169; Percent complete: 4.2%; Average loss: 1.7255  
Iteration: 170; Percent complete: 4.2%; Average loss: 1.8560  
Iteration: 171; Percent complete: 4.3%; Average loss: 1.8824  
Iteration: 172; Percent complete: 4.3%; Average loss: 2.0878  
Iteration: 173; Percent complete: 4.3%; Average loss: 1.7854  
Iteration: 174; Percent complete: 4.3%; Average loss: 1.6516  
Iteration: 175; Percent complete: 4.4%; Average loss: 1.8216  
Iteration: 176; Percent complete: 4.4%; Average loss: 1.9615  
Iteration: 177; Percent complete: 4.4%; Average loss: 1.8680  
Iteration: 178; Percent complete: 4.5%; Average loss: 1.7481  
Iteration: 179; Percent complete: 4.5%; Average loss: 1.8378  
Iteration: 180; Percent complete: 4.5%; Average loss: 1.9078  
Iteration: 181; Percent complete: 4.5%; Average loss: 1.9172  
Iteration: 182; Percent complete: 4.5%; Average loss: 1.7771  
Iteration: 183; Percent complete: 4.6%; Average loss: 1.6826  
Iteration: 184; Percent complete: 4.6%; Average loss: 2.0592  
Iteration: 185; Percent complete: 4.6%; Average loss: 1.7008  
Iteration: 186; Percent complete: 4.7%; Average loss: 1.8478  
Iteration: 187; Percent complete: 4.7%; Average loss: 1.7408  
Iteration: 188; Percent complete: 4.7%; Average loss: 2.0253  
Iteration: 189; Percent complete: 4.7%; Average loss: 1.9607  
Iteration: 190; Percent complete: 4.8%; Average loss: 1.8311  
Iteration: 191; Percent complete: 4.8%; Average loss: 1.6162  
Iteration: 192; Percent complete: 4.8%; Average loss: 1.8337  
Iteration: 193; Percent complete: 4.8%; Average loss: 1.8432  
Iteration: 194; Percent complete: 4.9%; Average loss: 1.6376  
Iteration: 195; Percent complete: 4.9%; Average loss: 1.8513  
Iteration: 196; Percent complete: 4.9%; Average loss: 1.7630  
Iteration: 197; Percent complete: 4.9%; Average loss: 1.7987  
Iteration: 198; Percent complete: 5.0%; Average loss: 1.6380  
Iteration: 199; Percent complete: 5.0%; Average loss: 1.9695  
Iteration: 200; Percent complete: 5.0%; Average loss: 1.8729  
Iteration: 201; Percent complete: 5.0%; Average loss: 1.8288  
Iteration: 202; Percent complete: 5.1%; Average loss: 1.7810  
Iteration: 203; Percent complete: 5.1%; Average loss: 1.8586  
Iteration: 204; Percent complete: 5.1%; Average loss: 1.9934  
Iteration: 205; Percent complete: 5.1%; Average loss: 1.4960  
Iteration: 206; Percent complete: 5.1%; Average loss: 1.8087  
Iteration: 207; Percent complete: 5.2%; Average loss: 1.9760  
Iteration: 208; Percent complete: 5.2%; Average loss: 1.7198  
Iteration: 209; Percent complete: 5.2%; Average loss: 1.8183  
Iteration: 210; Percent complete: 5.2%; Average loss: 1.7611  
Iteration: 211; Percent complete: 5.3%; Average loss: 1.9367  
Iteration: 212; Percent complete: 5.3%; Average loss: 1.7565  
Iteration: 213; Percent complete: 5.3%; Average loss: 1.5889  
Iteration: 214; Percent complete: 5.3%; Average loss: 1.8467  
Iteration: 215; Percent complete: 5.4%; Average loss: 1.7413  
Iteration: 216; Percent complete: 5.4%; Average loss: 1.8982  
Iteration: 217; Percent complete: 5.4%; Average loss: 1.6045  
Iteration: 218; Percent complete: 5.5%; Average loss: 1.9368  
Iteration: 219; Percent complete: 5.5%; Average loss: 1.8132  
Iteration: 220; Percent complete: 5.5%; Average loss: 1.8942  
Iteration: 221; Percent complete: 5.5%; Average loss: 1.7598  
Iteration: 222; Percent complete: 5.5%; Average loss: 1.9070  
Iteration: 223; Percent complete: 5.6%; Average loss: 1.8893  
Iteration: 224; Percent complete: 5.6%; Average loss: 1.7533  
Iteration: 225; Percent complete: 5.6%; Average loss: 1.8659  
Iteration: 226; Percent complete: 5.7%; Average loss: 1.5271  
Iteration: 227; Percent complete: 5.7%; Average loss: 1.8439  
Iteration: 228; Percent complete: 5.7%; Average loss: 2.2233  
Iteration: 229; Percent complete: 5.7%; Average loss: 1.7499  
Iteration: 230; Percent complete: 5.8%; Average loss: 1.8727  
Iteration: 231; Percent complete: 5.8%; Average loss: 1.8805  
Iteration: 232; Percent complete: 5.8%; Average loss: 1.8002  
Iteration: 233; Percent complete: 5.8%; Average loss: 1.5922  
Iteration: 234; Percent complete: 5.9%; Average loss: 1.8549  
Iteration: 235; Percent complete: 5.9%; Average loss: 1.6613  
Iteration: 236; Percent complete: 5.9%; Average loss: 1.8053  
Iteration: 237; Percent complete: 5.9%; Average loss: 1.6795  
Iteration: 238; Percent complete: 5.9%; Average loss: 2.0216  
Iteration: 239; Percent complete: 6.0%; Average loss: 1.7050  
Iteration: 240; Percent complete: 6.0%; Average loss: 1.6986  
Iteration: 241; Percent complete: 6.0%; Average loss: 1.7694  
Iteration: 242; Percent complete: 6.0%; Average loss: 1.7844  
Iteration: 243; Percent complete: 6.1%; Average loss: 1.6516  
Iteration: 244; Percent complete: 6.1%; Average loss: 1.8167  
Iteration: 245; Percent complete: 6.1%; Average loss: 1.8982  
Iteration: 246; Percent complete: 6.2%; Average loss: 1.8908  
Iteration: 247; Percent complete: 6.2%; Average loss: 1.9074  
Iteration: 248; Percent complete: 6.2%; Average loss: 1.8972  
Iteration: 249; Percent complete: 6.2%; Average loss: 1.9108  
Iteration: 250; Percent complete: 6.2%; Average loss: 1.9470

Iteration: 251; Percent complete: 6.3%; Average loss: 1.8540  
Iteration: 252; Percent complete: 6.3%; Average loss: 1.7211  
Iteration: 253; Percent complete: 6.3%; Average loss: 1.7571  
Iteration: 254; Percent complete: 6.3%; Average loss: 1.7499  
Iteration: 255; Percent complete: 6.4%; Average loss: 1.8115  
Iteration: 256; Percent complete: 6.4%; Average loss: 1.6914  
Iteration: 257; Percent complete: 6.4%; Average loss: 1.8671  
Iteration: 258; Percent complete: 6.5%; Average loss: 1.8631  
Iteration: 259; Percent complete: 6.5%; Average loss: 1.9703  
Iteration: 260; Percent complete: 6.5%; Average loss: 1.8549  
Iteration: 261; Percent complete: 6.5%; Average loss: 1.7055  
Iteration: 262; Percent complete: 6.6%; Average loss: 1.8054  
Iteration: 263; Percent complete: 6.6%; Average loss: 1.7695  
Iteration: 264; Percent complete: 6.6%; Average loss: 1.7640  
Iteration: 265; Percent complete: 6.6%; Average loss: 1.7396  
Iteration: 266; Percent complete: 6.7%; Average loss: 1.9162  
Iteration: 267; Percent complete: 6.7%; Average loss: 1.9837  
Iteration: 268; Percent complete: 6.7%; Average loss: 1.6839  
Iteration: 269; Percent complete: 6.7%; Average loss: 1.7842  
Iteration: 270; Percent complete: 6.8%; Average loss: 1.7987  
Iteration: 271; Percent complete: 6.8%; Average loss: 1.7288  
Iteration: 272; Percent complete: 6.8%; Average loss: 1.7496  
Iteration: 273; Percent complete: 6.8%; Average loss: 1.7830  
Iteration: 274; Percent complete: 6.9%; Average loss: 1.9542  
Iteration: 275; Percent complete: 6.9%; Average loss: 1.5540  
Iteration: 276; Percent complete: 6.9%; Average loss: 1.8555  
Iteration: 277; Percent complete: 6.9%; Average loss: 1.6462  
Iteration: 278; Percent complete: 7.0%; Average loss: 1.7619  
Iteration: 279; Percent complete: 7.0%; Average loss: 1.8393  
Iteration: 280; Percent complete: 7.0%; Average loss: 1.7001  
Iteration: 281; Percent complete: 7.0%; Average loss: 1.9520  
Iteration: 282; Percent complete: 7.0%; Average loss: 1.7891  
Iteration: 283; Percent complete: 7.1%; Average loss: 1.7382  
Iteration: 284; Percent complete: 7.1%; Average loss: 1.4679  
Iteration: 285; Percent complete: 7.1%; Average loss: 2.0634  
Iteration: 286; Percent complete: 7.1%; Average loss: 1.6531  
Iteration: 287; Percent complete: 7.2%; Average loss: 1.7418  
Iteration: 288; Percent complete: 7.2%; Average loss: 1.7558  
Iteration: 289; Percent complete: 7.2%; Average loss: 1.8309  
Iteration: 290; Percent complete: 7.2%; Average loss: 1.8255  
Iteration: 291; Percent complete: 7.3%; Average loss: 1.8303  
Iteration: 292; Percent complete: 7.3%; Average loss: 1.7848  
Iteration: 293; Percent complete: 7.3%; Average loss: 1.5905  
Iteration: 294; Percent complete: 7.3%; Average loss: 1.8985  
Iteration: 295; Percent complete: 7.4%; Average loss: 1.8321  
Iteration: 296; Percent complete: 7.4%; Average loss: 1.9235  
Iteration: 297; Percent complete: 7.4%; Average loss: 1.8492  
Iteration: 298; Percent complete: 7.4%; Average loss: 1.8486  
Iteration: 299; Percent complete: 7.5%; Average loss: 1.6750  
Iteration: 300; Percent complete: 7.5%; Average loss: 1.8281  
Iteration: 301; Percent complete: 7.5%; Average loss: 1.8214  
Iteration: 302; Percent complete: 7.5%; Average loss: 1.9888  
Iteration: 303; Percent complete: 7.6%; Average loss: 1.7689  
Iteration: 304; Percent complete: 7.6%; Average loss: 1.8264  
Iteration: 305; Percent complete: 7.6%; Average loss: 1.7418  
Iteration: 306; Percent complete: 7.6%; Average loss: 1.6891  
Iteration: 307; Percent complete: 7.7%; Average loss: 1.8443  
Iteration: 308; Percent complete: 7.7%; Average loss: 1.8156  
Iteration: 309; Percent complete: 7.7%; Average loss: 1.8559  
Iteration: 310; Percent complete: 7.8%; Average loss: 1.9642  
Iteration: 311; Percent complete: 7.8%; Average loss: 1.7785  
Iteration: 312; Percent complete: 7.8%; Average loss: 1.7790  
Iteration: 313; Percent complete: 7.8%; Average loss: 1.8094  
Iteration: 314; Percent complete: 7.8%; Average loss: 1.7245  
Iteration: 315; Percent complete: 7.9%; Average loss: 1.7312  
Iteration: 316; Percent complete: 7.9%; Average loss: 1.7157  
Iteration: 317; Percent complete: 7.9%; Average loss: 1.7370  
Iteration: 318; Percent complete: 8.0%; Average loss: 1.8000  
Iteration: 319; Percent complete: 8.0%; Average loss: 1.9378  
Iteration: 320; Percent complete: 8.0%; Average loss: 1.6545  
Iteration: 321; Percent complete: 8.0%; Average loss: 1.6668  
Iteration: 322; Percent complete: 8.1%; Average loss: 1.8154  
Iteration: 323; Percent complete: 8.1%; Average loss: 1.9058  
Iteration: 324; Percent complete: 8.1%; Average loss: 1.7511  
Iteration: 325; Percent complete: 8.1%; Average loss: 1.8856  
Iteration: 326; Percent complete: 8.2%; Average loss: 1.6867  
Iteration: 327; Percent complete: 8.2%; Average loss: 1.7089  
Iteration: 328; Percent complete: 8.2%; Average loss: 1.6836  
Iteration: 329; Percent complete: 8.2%; Average loss: 1.9912  
Iteration: 330; Percent complete: 8.2%; Average loss: 1.9597  
Iteration: 331; Percent complete: 8.3%; Average loss: 1.9271  
Iteration: 332; Percent complete: 8.3%; Average loss: 1.9356  
Iteration: 333; Percent complete: 8.3%; Average loss: 1.5847  
Iteration: 334; Percent complete: 8.3%; Average loss: 1.6188  
Iteration: 335; Percent complete: 8.4%; Average loss: 1.9255  
Iteration: 336; Percent complete: 8.4%; Average loss: 1.7305  
Iteration: 337; Percent complete: 8.4%; Average loss: 1.7083  
Iteration: 338; Percent complete: 8.5%; Average loss: 1.7083  
Iteration: 339; Percent complete: 8.5%; Average loss: 1.7590  
Iteration: 340; Percent complete: 8.5%; Average loss: 1.7953  
Iteration: 341; Percent complete: 8.5%; Average loss: 1.6344

Iteration: 342; Percent complete: 8.6%; Average loss: 1.6769  
Iteration: 343; Percent complete: 8.6%; Average loss: 2.0530  
Iteration: 344; Percent complete: 8.6%; Average loss: 1.6735  
Iteration: 345; Percent complete: 8.6%; Average loss: 1.8197  
Iteration: 346; Percent complete: 8.6%; Average loss: 1.4822  
Iteration: 347; Percent complete: 8.7%; Average loss: 1.7191  
Iteration: 348; Percent complete: 8.7%; Average loss: 1.6147  
Iteration: 349; Percent complete: 8.7%; Average loss: 1.8146  
Iteration: 350; Percent complete: 8.8%; Average loss: 1.8807  
Iteration: 351; Percent complete: 8.8%; Average loss: 1.8878  
Iteration: 352; Percent complete: 8.8%; Average loss: 1.7808  
Iteration: 353; Percent complete: 8.8%; Average loss: 1.8787  
Iteration: 354; Percent complete: 8.8%; Average loss: 1.8014  
Iteration: 355; Percent complete: 8.9%; Average loss: 1.8223  
Iteration: 356; Percent complete: 8.9%; Average loss: 1.9308  
Iteration: 357; Percent complete: 8.9%; Average loss: 1.6798  
Iteration: 358; Percent complete: 8.9%; Average loss: 1.7446  
Iteration: 359; Percent complete: 9.0%; Average loss: 1.6536  
Iteration: 360; Percent complete: 9.0%; Average loss: 1.7547  
Iteration: 361; Percent complete: 9.0%; Average loss: 1.5887  
Iteration: 362; Percent complete: 9.0%; Average loss: 1.5399  
Iteration: 363; Percent complete: 9.1%; Average loss: 1.8488  
Iteration: 364; Percent complete: 9.1%; Average loss: 1.8713  
Iteration: 365; Percent complete: 9.1%; Average loss: 1.9537  
Iteration: 366; Percent complete: 9.2%; Average loss: 1.8777  
Iteration: 367; Percent complete: 9.2%; Average loss: 2.0373  
Iteration: 368; Percent complete: 9.2%; Average loss: 1.8769  
Iteration: 369; Percent complete: 9.2%; Average loss: 1.7290  
Iteration: 370; Percent complete: 9.2%; Average loss: 1.8139  
Iteration: 371; Percent complete: 9.3%; Average loss: 1.9098  
Iteration: 372; Percent complete: 9.3%; Average loss: 1.7247  
Iteration: 373; Percent complete: 9.3%; Average loss: 1.7702  
Iteration: 374; Percent complete: 9.3%; Average loss: 1.7206  
Iteration: 375; Percent complete: 9.4%; Average loss: 1.8223  
Iteration: 376; Percent complete: 9.4%; Average loss: 1.6151  
Iteration: 377; Percent complete: 9.4%; Average loss: 1.8008  
Iteration: 378; Percent complete: 9.4%; Average loss: 1.8943  
Iteration: 379; Percent complete: 9.5%; Average loss: 1.7414  
Iteration: 380; Percent complete: 9.5%; Average loss: 1.6761  
Iteration: 381; Percent complete: 9.5%; Average loss: 1.9669  
Iteration: 382; Percent complete: 9.6%; Average loss: 1.7125  
Iteration: 383; Percent complete: 9.6%; Average loss: 1.4461  
Iteration: 384; Percent complete: 9.6%; Average loss: 1.8641  
Iteration: 385; Percent complete: 9.6%; Average loss: 1.8940  
Iteration: 386; Percent complete: 9.7%; Average loss: 1.6182  
Iteration: 387; Percent complete: 9.7%; Average loss: 1.9077  
Iteration: 388; Percent complete: 9.7%; Average loss: 2.1445  
Iteration: 389; Percent complete: 9.7%; Average loss: 1.8292  
Iteration: 390; Percent complete: 9.8%; Average loss: 1.7348  
Iteration: 391; Percent complete: 9.8%; Average loss: 1.8994  
Iteration: 392; Percent complete: 9.8%; Average loss: 1.7192  
Iteration: 393; Percent complete: 9.8%; Average loss: 1.9421  
Iteration: 394; Percent complete: 9.8%; Average loss: 1.8182  
Iteration: 395; Percent complete: 9.9%; Average loss: 1.6070  
Iteration: 396; Percent complete: 9.9%; Average loss: 1.8525  
Iteration: 397; Percent complete: 9.9%; Average loss: 1.7002  
Iteration: 398; Percent complete: 10.0%; Average loss: 1.7201  
Iteration: 399; Percent complete: 10.0%; Average loss: 1.9199  
Iteration: 400; Percent complete: 10.0%; Average loss: 1.7626  
Iteration: 401; Percent complete: 10.0%; Average loss: 1.8158  
Iteration: 402; Percent complete: 10.1%; Average loss: 1.7179  
Iteration: 403; Percent complete: 10.1%; Average loss: 1.8718  
Iteration: 404; Percent complete: 10.1%; Average loss: 1.7753  
Iteration: 405; Percent complete: 10.1%; Average loss: 1.5587  
Iteration: 406; Percent complete: 10.2%; Average loss: 1.6688  
Iteration: 407; Percent complete: 10.2%; Average loss: 1.8954  
Iteration: 408; Percent complete: 10.2%; Average loss: 1.7814  
Iteration: 409; Percent complete: 10.2%; Average loss: 2.0752  
Iteration: 410; Percent complete: 10.2%; Average loss: 1.8515  
Iteration: 411; Percent complete: 10.3%; Average loss: 1.8399  
Iteration: 412; Percent complete: 10.3%; Average loss: 1.6257  
Iteration: 413; Percent complete: 10.3%; Average loss: 1.7250  
Iteration: 414; Percent complete: 10.3%; Average loss: 1.9106  
Iteration: 415; Percent complete: 10.4%; Average loss: 1.7453  
Iteration: 416; Percent complete: 10.4%; Average loss: 1.7705  
Iteration: 417; Percent complete: 10.4%; Average loss: 1.6641  
Iteration: 418; Percent complete: 10.4%; Average loss: 1.7510  
Iteration: 419; Percent complete: 10.5%; Average loss: 1.8184  
Iteration: 420; Percent complete: 10.5%; Average loss: 1.7926  
Iteration: 421; Percent complete: 10.5%; Average loss: 1.9839  
Iteration: 422; Percent complete: 10.5%; Average loss: 1.5931  
Iteration: 423; Percent complete: 10.6%; Average loss: 1.9020  
Iteration: 424; Percent complete: 10.6%; Average loss: 1.8330  
Iteration: 425; Percent complete: 10.6%; Average loss: 1.9537  
Iteration: 426; Percent complete: 10.7%; Average loss: 1.6295  
Iteration: 427; Percent complete: 10.7%; Average loss: 1.8956  
Iteration: 428; Percent complete: 10.7%; Average loss: 1.7864  
Iteration: 429; Percent complete: 10.7%; Average loss: 1.6893  
Iteration: 430; Percent complete: 10.8%; Average loss: 1.8099  
Iteration: 431; Percent complete: 10.8%; Average loss: 2.0757  
Iteration: 432; Percent complete: 10.8%; Average loss: 1.8555  
Iteration: 433; Percent complete: 10.8%; Average loss: 1.5188

Iteration: 433; Percent complete: 10.8%; Average loss: 1.5188  
Iteration: 434; Percent complete: 10.8%; Average loss: 2.0395  
Iteration: 435; Percent complete: 10.9%; Average loss: 1.8858  
Iteration: 436; Percent complete: 10.9%; Average loss: 1.6243  
Iteration: 437; Percent complete: 10.9%; Average loss: 1.9230  
Iteration: 438; Percent complete: 10.9%; Average loss: 1.6306  
Iteration: 439; Percent complete: 11.0%; Average loss: 1.6694  
Iteration: 440; Percent complete: 11.0%; Average loss: 1.9247  
Iteration: 441; Percent complete: 11.0%; Average loss: 1.7584  
Iteration: 442; Percent complete: 11.1%; Average loss: 1.7968  
Iteration: 443; Percent complete: 11.1%; Average loss: 1.6347  
Iteration: 444; Percent complete: 11.1%; Average loss: 1.9601  
Iteration: 445; Percent complete: 11.1%; Average loss: 2.0018  
Iteration: 446; Percent complete: 11.2%; Average loss: 1.6326  
Iteration: 447; Percent complete: 11.2%; Average loss: 1.7783  
Iteration: 448; Percent complete: 11.2%; Average loss: 1.7547  
Iteration: 449; Percent complete: 11.2%; Average loss: 1.9939  
Iteration: 450; Percent complete: 11.2%; Average loss: 1.7431  
Iteration: 451; Percent complete: 11.3%; Average loss: 1.9321  
Iteration: 452; Percent complete: 11.3%; Average loss: 1.7741  
Iteration: 453; Percent complete: 11.3%; Average loss: 1.7251  
Iteration: 454; Percent complete: 11.3%; Average loss: 1.6082  
Iteration: 455; Percent complete: 11.4%; Average loss: 1.7404  
Iteration: 456; Percent complete: 11.4%; Average loss: 1.8955  
Iteration: 457; Percent complete: 11.4%; Average loss: 1.7561  
Iteration: 458; Percent complete: 11.5%; Average loss: 1.6245  
Iteration: 459; Percent complete: 11.5%; Average loss: 1.9936  
Iteration: 460; Percent complete: 11.5%; Average loss: 1.8739  
Iteration: 461; Percent complete: 11.5%; Average loss: 1.7015  
Iteration: 462; Percent complete: 11.6%; Average loss: 1.7854  
Iteration: 463; Percent complete: 11.6%; Average loss: 1.9129  
Iteration: 464; Percent complete: 11.6%; Average loss: 1.9193  
Iteration: 465; Percent complete: 11.6%; Average loss: 1.8870  
Iteration: 466; Percent complete: 11.7%; Average loss: 1.5634  
Iteration: 467; Percent complete: 11.7%; Average loss: 1.7397  
Iteration: 468; Percent complete: 11.7%; Average loss: 1.4502  
Iteration: 469; Percent complete: 11.7%; Average loss: 1.7668  
Iteration: 470; Percent complete: 11.8%; Average loss: 1.9177  
Iteration: 471; Percent complete: 11.8%; Average loss: 1.7315  
Iteration: 472; Percent complete: 11.8%; Average loss: 1.6204  
Iteration: 473; Percent complete: 11.8%; Average loss: 1.6108  
Iteration: 474; Percent complete: 11.8%; Average loss: 1.7114  
Iteration: 475; Percent complete: 11.9%; Average loss: 1.8298  
Iteration: 476; Percent complete: 11.9%; Average loss: 1.5555  
Iteration: 477; Percent complete: 11.9%; Average loss: 1.8526  
Iteration: 478; Percent complete: 11.9%; Average loss: 1.8940  
Iteration: 479; Percent complete: 12.0%; Average loss: 1.8498  
Iteration: 480; Percent complete: 12.0%; Average loss: 1.6844  
Iteration: 481; Percent complete: 12.0%; Average loss: 1.7720  
Iteration: 482; Percent complete: 12.0%; Average loss: 1.5449  
Iteration: 483; Percent complete: 12.1%; Average loss: 1.7899  
Iteration: 484; Percent complete: 12.1%; Average loss: 1.6876  
Iteration: 485; Percent complete: 12.1%; Average loss: 2.1239  
Iteration: 486; Percent complete: 12.2%; Average loss: 1.8858  
Iteration: 487; Percent complete: 12.2%; Average loss: 1.7671  
Iteration: 488; Percent complete: 12.2%; Average loss: 2.0582  
Iteration: 489; Percent complete: 12.2%; Average loss: 1.8715  
Iteration: 490; Percent complete: 12.2%; Average loss: 1.8722  
Iteration: 491; Percent complete: 12.3%; Average loss: 1.5763  
Iteration: 492; Percent complete: 12.3%; Average loss: 1.8081  
Iteration: 493; Percent complete: 12.3%; Average loss: 1.6881  
Iteration: 494; Percent complete: 12.3%; Average loss: 1.8007  
Iteration: 495; Percent complete: 12.4%; Average loss: 1.7089  
Iteration: 496; Percent complete: 12.4%; Average loss: 1.8495  
Iteration: 497; Percent complete: 12.4%; Average loss: 1.7727  
Iteration: 498; Percent complete: 12.4%; Average loss: 1.5622  
Iteration: 499; Percent complete: 12.5%; Average loss: 1.6275  
Iteration: 500; Percent complete: 12.5%; Average loss: 1.7772  
Iteration: 501; Percent complete: 12.5%; Average loss: 1.7845  
Iteration: 502; Percent complete: 12.6%; Average loss: 1.8508  
Iteration: 503; Percent complete: 12.6%; Average loss: 1.7501  
Iteration: 504; Percent complete: 12.6%; Average loss: 1.6328  
Iteration: 505; Percent complete: 12.6%; Average loss: 1.8486  
Iteration: 506; Percent complete: 12.7%; Average loss: 1.5005  
Iteration: 507; Percent complete: 12.7%; Average loss: 1.5887  
Iteration: 508; Percent complete: 12.7%; Average loss: 1.7551  
Iteration: 509; Percent complete: 12.7%; Average loss: 1.5473  
Iteration: 510; Percent complete: 12.8%; Average loss: 1.6443  
Iteration: 511; Percent complete: 12.8%; Average loss: 1.7001  
Iteration: 512; Percent complete: 12.8%; Average loss: 1.4716  
Iteration: 513; Percent complete: 12.8%; Average loss: 1.6923  
Iteration: 514; Percent complete: 12.8%; Average loss: 1.8278  
Iteration: 515; Percent complete: 12.9%; Average loss: 1.7237  
Iteration: 516; Percent complete: 12.9%; Average loss: 1.7243  
Iteration: 517; Percent complete: 12.9%; Average loss: 1.4763  
Iteration: 518; Percent complete: 13.0%; Average loss: 1.7666  
Iteration: 519; Percent complete: 13.0%; Average loss: 1.9138  
Iteration: 520; Percent complete: 13.0%; Average loss: 1.7402  
Iteration: 521; Percent complete: 13.0%; Average loss: 1.9372  
Iteration: 522; Percent complete: 13.1%; Average loss: 2.0315  
Iteration: 523; Percent complete: 13.1%; Average loss: 1.8545  
Iteration: 524; Percent complete: 13.1%; Average loss: 1.8832

Iteration: 525; Percent complete: 13.1%; Average loss: 1.6467  
Iteration: 526; Percent complete: 13.2%; Average loss: 1.8953  
Iteration: 527; Percent complete: 13.2%; Average loss: 1.7277  
Iteration: 528; Percent complete: 13.2%; Average loss: 2.0385  
Iteration: 529; Percent complete: 13.2%; Average loss: 1.6657  
Iteration: 530; Percent complete: 13.2%; Average loss: 1.8026  
Iteration: 531; Percent complete: 13.3%; Average loss: 1.6354  
Iteration: 532; Percent complete: 13.3%; Average loss: 1.5601  
Iteration: 533; Percent complete: 13.3%; Average loss: 1.6551  
Iteration: 534; Percent complete: 13.4%; Average loss: 1.8291  
Iteration: 535; Percent complete: 13.4%; Average loss: 1.7475  
Iteration: 536; Percent complete: 13.4%; Average loss: 1.8381  
Iteration: 537; Percent complete: 13.4%; Average loss: 1.9089  
Iteration: 538; Percent complete: 13.5%; Average loss: 1.8767  
Iteration: 539; Percent complete: 13.5%; Average loss: 1.7131  
Iteration: 540; Percent complete: 13.5%; Average loss: 1.7152  
Iteration: 541; Percent complete: 13.5%; Average loss: 1.9121  
Iteration: 542; Percent complete: 13.6%; Average loss: 1.9249  
Iteration: 543; Percent complete: 13.6%; Average loss: 1.7206  
Iteration: 544; Percent complete: 13.6%; Average loss: 1.9785  
Iteration: 545; Percent complete: 13.6%; Average loss: 1.8083  
Iteration: 546; Percent complete: 13.7%; Average loss: 1.7159  
Iteration: 547; Percent complete: 13.7%; Average loss: 1.8058  
Iteration: 548; Percent complete: 13.7%; Average loss: 2.0597  
Iteration: 549; Percent complete: 13.7%; Average loss: 1.8264  
Iteration: 550; Percent complete: 13.8%; Average loss: 1.9086  
Iteration: 551; Percent complete: 13.8%; Average loss: 1.5814  
Iteration: 552; Percent complete: 13.8%; Average loss: 1.9397  
Iteration: 553; Percent complete: 13.8%; Average loss: 1.6888  
Iteration: 554; Percent complete: 13.9%; Average loss: 1.7325  
Iteration: 555; Percent complete: 13.9%; Average loss: 1.8810  
Iteration: 556; Percent complete: 13.9%; Average loss: 1.8532  
Iteration: 557; Percent complete: 13.9%; Average loss: 1.8194  
Iteration: 558; Percent complete: 14.0%; Average loss: 1.7824  
Iteration: 559; Percent complete: 14.0%; Average loss: 1.8268  
Iteration: 560; Percent complete: 14.0%; Average loss: 1.8989  
Iteration: 561; Percent complete: 14.0%; Average loss: 1.8204  
Iteration: 562; Percent complete: 14.1%; Average loss: 1.7469  
Iteration: 563; Percent complete: 14.1%; Average loss: 1.8141  
Iteration: 564; Percent complete: 14.1%; Average loss: 1.7838  
Iteration: 565; Percent complete: 14.1%; Average loss: 1.6696  
Iteration: 566; Percent complete: 14.1%; Average loss: 1.5137  
Iteration: 567; Percent complete: 14.2%; Average loss: 1.7618  
Iteration: 568; Percent complete: 14.2%; Average loss: 1.7038  
Iteration: 569; Percent complete: 14.2%; Average loss: 1.7453  
Iteration: 570; Percent complete: 14.2%; Average loss: 1.8745  
Iteration: 571; Percent complete: 14.3%; Average loss: 1.6138  
Iteration: 572; Percent complete: 14.3%; Average loss: 1.9098  
Iteration: 573; Percent complete: 14.3%; Average loss: 2.1698  
Iteration: 574; Percent complete: 14.3%; Average loss: 1.8747  
Iteration: 575; Percent complete: 14.4%; Average loss: 1.7032  
Iteration: 576; Percent complete: 14.4%; Average loss: 1.8207  
Iteration: 577; Percent complete: 14.4%; Average loss: 1.7560  
Iteration: 578; Percent complete: 14.4%; Average loss: 1.6812  
Iteration: 579; Percent complete: 14.5%; Average loss: 1.6506  
Iteration: 580; Percent complete: 14.5%; Average loss: 1.8187  
Iteration: 581; Percent complete: 14.5%; Average loss: 1.6409  
Iteration: 582; Percent complete: 14.5%; Average loss: 1.8441  
Iteration: 583; Percent complete: 14.6%; Average loss: 1.9546  
Iteration: 584; Percent complete: 14.6%; Average loss: 2.0147  
Iteration: 585; Percent complete: 14.6%; Average loss: 1.8052  
Iteration: 586; Percent complete: 14.6%; Average loss: 1.8793  
Iteration: 587; Percent complete: 14.7%; Average loss: 1.9855  
Iteration: 588; Percent complete: 14.7%; Average loss: 1.9200  
Iteration: 589; Percent complete: 14.7%; Average loss: 1.7021  
Iteration: 590; Percent complete: 14.8%; Average loss: 1.8318  
Iteration: 591; Percent complete: 14.8%; Average loss: 1.6704  
Iteration: 592; Percent complete: 14.8%; Average loss: 1.7955  
Iteration: 593; Percent complete: 14.8%; Average loss: 1.9391  
Iteration: 594; Percent complete: 14.8%; Average loss: 1.6909  
Iteration: 595; Percent complete: 14.9%; Average loss: 1.9776  
Iteration: 596; Percent complete: 14.9%; Average loss: 2.0873  
Iteration: 597; Percent complete: 14.9%; Average loss: 1.6947  
Iteration: 598; Percent complete: 14.9%; Average loss: 1.5991  
Iteration: 599; Percent complete: 15.0%; Average loss: 1.8317  
Iteration: 600; Percent complete: 15.0%; Average loss: 1.8121  
Iteration: 601; Percent complete: 15.0%; Average loss: 1.7484  
Iteration: 602; Percent complete: 15.0%; Average loss: 1.6311  
Iteration: 603; Percent complete: 15.1%; Average loss: 1.6824  
Iteration: 604; Percent complete: 15.1%; Average loss: 1.7644  
Iteration: 605; Percent complete: 15.1%; Average loss: 1.8920  
Iteration: 606; Percent complete: 15.2%; Average loss: 1.6195  
Iteration: 607; Percent complete: 15.2%; Average loss: 2.1200  
Iteration: 608; Percent complete: 15.2%; Average loss: 1.7067  
Iteration: 609; Percent complete: 15.2%; Average loss: 1.8232  
Iteration: 610; Percent complete: 15.2%; Average loss: 1.9323  
Iteration: 611; Percent complete: 15.3%; Average loss: 1.8731  
Iteration: 612; Percent complete: 15.3%; Average loss: 1.9266  
Iteration: 613; Percent complete: 15.3%; Average loss: 1.5943  
Iteration: 614; Percent complete: 15.3%; Average loss: 2.0913  
Iteration: 615; Percent complete: 15.4%; Average loss: 1.8868

Iteration: 616; Percent complete: 15.4%; Average loss: 1.7354  
Iteration: 617; Percent complete: 15.4%; Average loss: 1.6692  
Iteration: 618; Percent complete: 15.4%; Average loss: 1.6794  
Iteration: 619; Percent complete: 15.5%; Average loss: 1.8979  
Iteration: 620; Percent complete: 15.5%; Average loss: 1.8369  
Iteration: 621; Percent complete: 15.5%; Average loss: 1.6907  
Iteration: 622; Percent complete: 15.6%; Average loss: 2.1617  
Iteration: 623; Percent complete: 15.6%; Average loss: 1.8988  
Iteration: 624; Percent complete: 15.6%; Average loss: 2.0096  
Iteration: 625; Percent complete: 15.6%; Average loss: 2.0261  
Iteration: 626; Percent complete: 15.7%; Average loss: 1.7603  
Iteration: 627; Percent complete: 15.7%; Average loss: 1.6804  
Iteration: 628; Percent complete: 15.7%; Average loss: 1.7345  
Iteration: 629; Percent complete: 15.7%; Average loss: 1.7524  
Iteration: 630; Percent complete: 15.8%; Average loss: 1.6104  
Iteration: 631; Percent complete: 15.8%; Average loss: 1.9019  
Iteration: 632; Percent complete: 15.8%; Average loss: 1.9342  
Iteration: 633; Percent complete: 15.8%; Average loss: 1.7283  
Iteration: 634; Percent complete: 15.8%; Average loss: 1.6172  
Iteration: 635; Percent complete: 15.9%; Average loss: 1.8804  
Iteration: 636; Percent complete: 15.9%; Average loss: 1.8555  
Iteration: 637; Percent complete: 15.9%; Average loss: 1.7040  
Iteration: 638; Percent complete: 16.0%; Average loss: 1.9281  
Iteration: 639; Percent complete: 16.0%; Average loss: 1.6182  
Iteration: 640; Percent complete: 16.0%; Average loss: 1.8252  
Iteration: 641; Percent complete: 16.0%; Average loss: 1.7588  
Iteration: 642; Percent complete: 16.1%; Average loss: 1.9253  
Iteration: 643; Percent complete: 16.1%; Average loss: 1.7566  
Iteration: 644; Percent complete: 16.1%; Average loss: 2.0374  
Iteration: 645; Percent complete: 16.1%; Average loss: 1.9507  
Iteration: 646; Percent complete: 16.2%; Average loss: 1.9649  
Iteration: 647; Percent complete: 16.2%; Average loss: 1.7817  
Iteration: 648; Percent complete: 16.2%; Average loss: 1.7186  
Iteration: 649; Percent complete: 16.2%; Average loss: 1.7246  
Iteration: 650; Percent complete: 16.2%; Average loss: 1.6394  
Iteration: 651; Percent complete: 16.3%; Average loss: 2.1422  
Iteration: 652; Percent complete: 16.3%; Average loss: 1.7389  
Iteration: 653; Percent complete: 16.3%; Average loss: 1.8776  
Iteration: 654; Percent complete: 16.4%; Average loss: 1.8713  
Iteration: 655; Percent complete: 16.4%; Average loss: 2.0878  
Iteration: 656; Percent complete: 16.4%; Average loss: 1.7394  
Iteration: 657; Percent complete: 16.4%; Average loss: 1.8157  
Iteration: 658; Percent complete: 16.4%; Average loss: 1.8109  
Iteration: 659; Percent complete: 16.5%; Average loss: 1.6842  
Iteration: 660; Percent complete: 16.5%; Average loss: 1.8242  
Iteration: 661; Percent complete: 16.5%; Average loss: 1.9101  
Iteration: 662; Percent complete: 16.6%; Average loss: 1.6973  
Iteration: 663; Percent complete: 16.6%; Average loss: 1.7326  
Iteration: 664; Percent complete: 16.6%; Average loss: 1.7491  
Iteration: 665; Percent complete: 16.6%; Average loss: 1.7450  
Iteration: 666; Percent complete: 16.7%; Average loss: 1.7231  
Iteration: 667; Percent complete: 16.7%; Average loss: 2.0332  
Iteration: 668; Percent complete: 16.7%; Average loss: 1.7131  
Iteration: 669; Percent complete: 16.7%; Average loss: 1.7851  
Iteration: 670; Percent complete: 16.8%; Average loss: 1.8003  
Iteration: 671; Percent complete: 16.8%; Average loss: 1.9528  
Iteration: 672; Percent complete: 16.8%; Average loss: 1.5879  
Iteration: 673; Percent complete: 16.8%; Average loss: 1.7337  
Iteration: 674; Percent complete: 16.9%; Average loss: 1.6545  
Iteration: 675; Percent complete: 16.9%; Average loss: 2.0250  
Iteration: 676; Percent complete: 16.9%; Average loss: 1.8522  
Iteration: 677; Percent complete: 16.9%; Average loss: 1.7185  
Iteration: 678; Percent complete: 17.0%; Average loss: 1.8717  
Iteration: 679; Percent complete: 17.0%; Average loss: 1.6506  
Iteration: 680; Percent complete: 17.0%; Average loss: 1.7361  
Iteration: 681; Percent complete: 17.0%; Average loss: 1.9922  
Iteration: 682; Percent complete: 17.1%; Average loss: 1.8116  
Iteration: 683; Percent complete: 17.1%; Average loss: 1.8160  
Iteration: 684; Percent complete: 17.1%; Average loss: 1.9090  
Iteration: 685; Percent complete: 17.1%; Average loss: 1.8561  
Iteration: 686; Percent complete: 17.2%; Average loss: 1.8804  
Iteration: 687; Percent complete: 17.2%; Average loss: 1.7439  
Iteration: 688; Percent complete: 17.2%; Average loss: 1.7160  
Iteration: 689; Percent complete: 17.2%; Average loss: 1.8904  
Iteration: 690; Percent complete: 17.2%; Average loss: 2.0314  
Iteration: 691; Percent complete: 17.3%; Average loss: 1.9238  
Iteration: 692; Percent complete: 17.3%; Average loss: 1.8515  
Iteration: 693; Percent complete: 17.3%; Average loss: 1.7959  
Iteration: 694; Percent complete: 17.3%; Average loss: 1.9560  
Iteration: 695; Percent complete: 17.4%; Average loss: 1.7554  
Iteration: 696; Percent complete: 17.4%; Average loss: 2.1140  
Iteration: 697; Percent complete: 17.4%; Average loss: 1.7844  
Iteration: 698; Percent complete: 17.4%; Average loss: 1.6538  
Iteration: 699; Percent complete: 17.5%; Average loss: 1.8156  
Iteration: 700; Percent complete: 17.5%; Average loss: 1.8091  
Iteration: 701; Percent complete: 17.5%; Average loss: 1.6360  
Iteration: 702; Percent complete: 17.5%; Average loss: 1.7313  
Iteration: 703; Percent complete: 17.6%; Average loss: 1.8655  
Iteration: 704; Percent complete: 17.6%; Average loss: 1.6509  
Iteration: 705; Percent complete: 17.6%; Average loss: 1.7121  
Iteration: 706; Percent complete: 17.6%; Average loss: 1.6565

Iteration: 707; Percent complete: 17.7%; Average loss: 1.6137  
Iteration: 708; Percent complete: 17.7%; Average loss: 1.6637  
Iteration: 709; Percent complete: 17.7%; Average loss: 1.7603  
Iteration: 710; Percent complete: 17.8%; Average loss: 1.6161  
Iteration: 711; Percent complete: 17.8%; Average loss: 1.6224  
Iteration: 712; Percent complete: 17.8%; Average loss: 1.7628  
Iteration: 713; Percent complete: 17.8%; Average loss: 1.7905  
Iteration: 714; Percent complete: 17.8%; Average loss: 1.6286  
Iteration: 715; Percent complete: 17.9%; Average loss: 1.6818  
Iteration: 716; Percent complete: 17.9%; Average loss: 1.9391  
Iteration: 717; Percent complete: 17.9%; Average loss: 1.9113  
Iteration: 718; Percent complete: 17.9%; Average loss: 1.7584  
Iteration: 719; Percent complete: 18.0%; Average loss: 1.7653  
Iteration: 720; Percent complete: 18.0%; Average loss: 1.8311  
Iteration: 721; Percent complete: 18.0%; Average loss: 1.8747  
Iteration: 722; Percent complete: 18.1%; Average loss: 1.5870  
Iteration: 723; Percent complete: 18.1%; Average loss: 1.7082  
Iteration: 724; Percent complete: 18.1%; Average loss: 1.7293  
Iteration: 725; Percent complete: 18.1%; Average loss: 1.8026  
Iteration: 726; Percent complete: 18.1%; Average loss: 1.5983  
Iteration: 727; Percent complete: 18.2%; Average loss: 1.8908  
Iteration: 728; Percent complete: 18.2%; Average loss: 1.8416  
Iteration: 729; Percent complete: 18.2%; Average loss: 1.7293  
Iteration: 730; Percent complete: 18.2%; Average loss: 1.6913  
Iteration: 731; Percent complete: 18.3%; Average loss: 1.8930  
Iteration: 732; Percent complete: 18.3%; Average loss: 1.6863  
Iteration: 733; Percent complete: 18.3%; Average loss: 1.7304  
Iteration: 734; Percent complete: 18.4%; Average loss: 1.7199  
Iteration: 735; Percent complete: 18.4%; Average loss: 1.7779  
Iteration: 736; Percent complete: 18.4%; Average loss: 1.6969  
Iteration: 737; Percent complete: 18.4%; Average loss: 1.8061  
Iteration: 738; Percent complete: 18.4%; Average loss: 1.8704  
Iteration: 739; Percent complete: 18.5%; Average loss: 1.7488  
Iteration: 740; Percent complete: 18.5%; Average loss: 2.0418  
Iteration: 741; Percent complete: 18.5%; Average loss: 1.8108  
Iteration: 742; Percent complete: 18.6%; Average loss: 1.8364  
Iteration: 743; Percent complete: 18.6%; Average loss: 1.5913  
Iteration: 744; Percent complete: 18.6%; Average loss: 1.7391  
Iteration: 745; Percent complete: 18.6%; Average loss: 1.7885  
Iteration: 746; Percent complete: 18.6%; Average loss: 1.7626  
Iteration: 747; Percent complete: 18.7%; Average loss: 1.7010  
Iteration: 748; Percent complete: 18.7%; Average loss: 1.8297  
Iteration: 749; Percent complete: 18.7%; Average loss: 1.9624  
Iteration: 750; Percent complete: 18.8%; Average loss: 1.6546  
Iteration: 751; Percent complete: 18.8%; Average loss: 1.5754  
Iteration: 752; Percent complete: 18.8%; Average loss: 1.7338  
Iteration: 753; Percent complete: 18.8%; Average loss: 1.8572  
Iteration: 754; Percent complete: 18.9%; Average loss: 1.8525  
Iteration: 755; Percent complete: 18.9%; Average loss: 1.8278  
Iteration: 756; Percent complete: 18.9%; Average loss: 1.8150  
Iteration: 757; Percent complete: 18.9%; Average loss: 1.9732  
Iteration: 758; Percent complete: 18.9%; Average loss: 1.5924  
Iteration: 759; Percent complete: 19.0%; Average loss: 1.8490  
Iteration: 760; Percent complete: 19.0%; Average loss: 1.7958  
Iteration: 761; Percent complete: 19.0%; Average loss: 1.8330  
Iteration: 762; Percent complete: 19.1%; Average loss: 1.7056  
Iteration: 763; Percent complete: 19.1%; Average loss: 1.8457  
Iteration: 764; Percent complete: 19.1%; Average loss: 1.8776  
Iteration: 765; Percent complete: 19.1%; Average loss: 1.6478  
Iteration: 766; Percent complete: 19.1%; Average loss: 2.0488  
Iteration: 767; Percent complete: 19.2%; Average loss: 1.5933  
Iteration: 768; Percent complete: 19.2%; Average loss: 1.7681  
Iteration: 769; Percent complete: 19.2%; Average loss: 1.7911  
Iteration: 770; Percent complete: 19.2%; Average loss: 1.7373  
Iteration: 771; Percent complete: 19.3%; Average loss: 1.8228  
Iteration: 772; Percent complete: 19.3%; Average loss: 1.6079  
Iteration: 773; Percent complete: 19.3%; Average loss: 2.0931  
Iteration: 774; Percent complete: 19.4%; Average loss: 1.9561  
Iteration: 775; Percent complete: 19.4%; Average loss: 1.7278  
Iteration: 776; Percent complete: 19.4%; Average loss: 1.7837  
Iteration: 777; Percent complete: 19.4%; Average loss: 1.7473  
Iteration: 778; Percent complete: 19.4%; Average loss: 1.7770  
Iteration: 779; Percent complete: 19.5%; Average loss: 1.9258  
Iteration: 780; Percent complete: 19.5%; Average loss: 1.9360  
Iteration: 781; Percent complete: 19.5%; Average loss: 2.1907  
Iteration: 782; Percent complete: 19.6%; Average loss: 1.6985  
Iteration: 783; Percent complete: 19.6%; Average loss: 1.7291  
Iteration: 784; Percent complete: 19.6%; Average loss: 1.7368  
Iteration: 785; Percent complete: 19.6%; Average loss: 1.6781  
Iteration: 786; Percent complete: 19.7%; Average loss: 1.6043  
Iteration: 787; Percent complete: 19.7%; Average loss: 1.7765  
Iteration: 788; Percent complete: 19.7%; Average loss: 1.6834  
Iteration: 789; Percent complete: 19.7%; Average loss: 1.8240  
Iteration: 790; Percent complete: 19.8%; Average loss: 1.8098  
Iteration: 791; Percent complete: 19.8%; Average loss: 1.7820  
Iteration: 792; Percent complete: 19.8%; Average loss: 1.7817  
Iteration: 793; Percent complete: 19.8%; Average loss: 1.6429  
Iteration: 794; Percent complete: 19.9%; Average loss: 2.0019  
Iteration: 795; Percent complete: 19.9%; Average loss: 1.7477  
Iteration: 796; Percent complete: 19.9%; Average loss: 1.9253  
Iteration: 797; Percent complete: 19.9%; Average loss: 1.6610  
Iteration: 798; Percent complete: 20.0%; Average loss: 1.9122



|                 |                   |        |               |        |
|-----------------|-------------------|--------|---------------|--------|
| Iteration: 798; | Percent complete: | 20.0%; | Average loss: | 1.9122 |
| Iteration: 799; | Percent complete: | 20.0%; | Average loss: | 1.7014 |
| Iteration: 800; | Percent complete: | 20.0%; | Average loss: | 2.0176 |
| Iteration: 801; | Percent complete: | 20.0%; | Average loss: | 1.7803 |
| Iteration: 802; | Percent complete: | 20.1%; | Average loss: | 1.7823 |
| Iteration: 803; | Percent complete: | 20.1%; | Average loss: | 1.6098 |
| Iteration: 804; | Percent complete: | 20.1%; | Average loss: | 1.7126 |
| Iteration: 805; | Percent complete: | 20.1%; | Average loss: | 1.8028 |
| Iteration: 806; | Percent complete: | 20.2%; | Average loss: | 1.7073 |
| Iteration: 807; | Percent complete: | 20.2%; | Average loss: | 2.0011 |
| Iteration: 808; | Percent complete: | 20.2%; | Average loss: | 1.6725 |
| Iteration: 809; | Percent complete: | 20.2%; | Average loss: | 1.5917 |
| Iteration: 810; | Percent complete: | 20.2%; | Average loss: | 1.6538 |
| Iteration: 811; | Percent complete: | 20.3%; | Average loss: | 1.5743 |
| Iteration: 812; | Percent complete: | 20.3%; | Average loss: | 1.8598 |
| Iteration: 813; | Percent complete: | 20.3%; | Average loss: | 1.6458 |
| Iteration: 814; | Percent complete: | 20.3%; | Average loss: | 1.8215 |
| Iteration: 815; | Percent complete: | 20.4%; | Average loss: | 1.6727 |
| Iteration: 816; | Percent complete: | 20.4%; | Average loss: | 1.9927 |
| Iteration: 817; | Percent complete: | 20.4%; | Average loss: | 1.6459 |
| Iteration: 818; | Percent complete: | 20.4%; | Average loss: | 1.9024 |
| Iteration: 819; | Percent complete: | 20.5%; | Average loss: | 1.8747 |
| Iteration: 820; | Percent complete: | 20.5%; | Average loss: | 1.8087 |
| Iteration: 821; | Percent complete: | 20.5%; | Average loss: | 1.6865 |
| Iteration: 822; | Percent complete: | 20.5%; | Average loss: | 2.0207 |
| Iteration: 823; | Percent complete: | 20.6%; | Average loss: | 1.8539 |
| Iteration: 824; | Percent complete: | 20.6%; | Average loss: | 1.8381 |
| Iteration: 825; | Percent complete: | 20.6%; | Average loss: | 1.8224 |
| Iteration: 826; | Percent complete: | 20.6%; | Average loss: | 1.8254 |
| Iteration: 827; | Percent complete: | 20.7%; | Average loss: | 2.0118 |
| Iteration: 828; | Percent complete: | 20.7%; | Average loss: | 1.5618 |
| Iteration: 829; | Percent complete: | 20.7%; | Average loss: | 1.6197 |
| Iteration: 830; | Percent complete: | 20.8%; | Average loss: | 1.9100 |
| Iteration: 831; | Percent complete: | 20.8%; | Average loss: | 1.8096 |
| Iteration: 832; | Percent complete: | 20.8%; | Average loss: | 1.6250 |
| Iteration: 833; | Percent complete: | 20.8%; | Average loss: | 1.9247 |
| Iteration: 834; | Percent complete: | 20.8%; | Average loss: | 1.7715 |
| Iteration: 835; | Percent complete: | 20.9%; | Average loss: | 1.7551 |
| Iteration: 836; | Percent complete: | 20.9%; | Average loss: | 1.6712 |
| Iteration: 837; | Percent complete: | 20.9%; | Average loss: | 1.9120 |
| Iteration: 838; | Percent complete: | 20.9%; | Average loss: | 1.6522 |
| Iteration: 839; | Percent complete: | 21.0%; | Average loss: | 1.7912 |
| Iteration: 840; | Percent complete: | 21.0%; | Average loss: | 1.5366 |
| Iteration: 841; | Percent complete: | 21.0%; | Average loss: | 1.8344 |
| Iteration: 842; | Percent complete: | 21.1%; | Average loss: | 1.9518 |
| Iteration: 843; | Percent complete: | 21.1%; | Average loss: | 1.8314 |
| Iteration: 844; | Percent complete: | 21.1%; | Average loss: | 1.7329 |
| Iteration: 845; | Percent complete: | 21.1%; | Average loss: | 1.9116 |
| Iteration: 846; | Percent complete: | 21.1%; | Average loss: | 1.7807 |
| Iteration: 847; | Percent complete: | 21.2%; | Average loss: | 1.7523 |
| Iteration: 848; | Percent complete: | 21.2%; | Average loss: | 1.7770 |
| Iteration: 849; | Percent complete: | 21.2%; | Average loss: | 1.6716 |
| Iteration: 850; | Percent complete: | 21.2%; | Average loss: | 1.8492 |
| Iteration: 851; | Percent complete: | 21.3%; | Average loss: | 1.8920 |
| Iteration: 852; | Percent complete: | 21.3%; | Average loss: | 1.6681 |
| Iteration: 853; | Percent complete: | 21.3%; | Average loss: | 1.9336 |
| Iteration: 854; | Percent complete: | 21.3%; | Average loss: | 1.6289 |
| Iteration: 855; | Percent complete: | 21.4%; | Average loss: | 1.6688 |
| Iteration: 856; | Percent complete: | 21.4%; | Average loss: | 1.5806 |
| Iteration: 857; | Percent complete: | 21.4%; | Average loss: | 1.6843 |
| Iteration: 858; | Percent complete: | 21.4%; | Average loss: | 1.7752 |
| Iteration: 859; | Percent complete: | 21.5%; | Average loss: | 1.6082 |
| Iteration: 860; | Percent complete: | 21.5%; | Average loss: | 1.8791 |
| Iteration: 861; | Percent complete: | 21.5%; | Average loss: | 1.6033 |
| Iteration: 862; | Percent complete: | 21.6%; | Average loss: | 1.8479 |
| Iteration: 863; | Percent complete: | 21.6%; | Average loss: | 1.7265 |
| Iteration: 864; | Percent complete: | 21.6%; | Average loss: | 1.8545 |
| Iteration: 865; | Percent complete: | 21.6%; | Average loss: | 1.4690 |
| Iteration: 866; | Percent complete: | 21.6%; | Average loss: | 1.8267 |
| Iteration: 867; | Percent complete: | 21.7%; | Average loss: | 2.0297 |
| Iteration: 868; | Percent complete: | 21.7%; | Average loss: | 1.6516 |
| Iteration: 869; | Percent complete: | 21.7%; | Average loss: | 1.9886 |
| Iteration: 870; | Percent complete: | 21.8%; | Average loss: | 1.6342 |
| Iteration: 871; | Percent complete: | 21.8%; | Average loss: | 1.7158 |
| Iteration: 872; | Percent complete: | 21.8%; | Average loss: | 1.7651 |
| Iteration: 873; | Percent complete: | 21.8%; | Average loss: | 1.8368 |
| Iteration: 874; | Percent complete: | 21.9%; | Average loss: | 1.7397 |
| Iteration: 875; | Percent complete: | 21.9%; | Average loss: | 1.5995 |
| Iteration: 876; | Percent complete: | 21.9%; | Average loss: | 1.6638 |
| Iteration: 877; | Percent complete: | 21.9%; | Average loss: | 1.7332 |
| Iteration: 878; | Percent complete: | 21.9%; | Average loss: | 1.8054 |
| Iteration: 879; | Percent complete: | 22.0%; | Average loss: | 1.615  |

|            |      |                   |        |               |        |
|------------|------|-------------------|--------|---------------|--------|
| Iteration: | 890; | Percent complete: | 22.2%; | Average loss: | 2.0673 |
| Iteration: | 891; | Percent complete: | 22.3%; | Average loss: | 1.7597 |
| Iteration: | 892; | Percent complete: | 22.3%; | Average loss: | 1.7188 |
| Iteration: | 893; | Percent complete: | 22.3%; | Average loss: | 1.7401 |
| Iteration: | 894; | Percent complete: | 22.4%; | Average loss: | 1.8000 |
| Iteration: | 895; | Percent complete: | 22.4%; | Average loss: | 1.7845 |
| Iteration: | 896; | Percent complete: | 22.4%; | Average loss: | 1.7412 |
| Iteration: | 897; | Percent complete: | 22.4%; | Average loss: | 1.7687 |
| Iteration: | 898; | Percent complete: | 22.4%; | Average loss: | 1.9353 |
| Iteration: | 899; | Percent complete: | 22.5%; | Average loss: | 1.9773 |
| Iteration: | 900; | Percent complete: | 22.5%; | Average loss: | 1.9296 |
| Iteration: | 901; | Percent complete: | 22.5%; | Average loss: | 1.8007 |
| Iteration: | 902; | Percent complete: | 22.6%; | Average loss: | 1.7874 |
| Iteration: | 903; | Percent complete: | 22.6%; | Average loss: | 1.8807 |
| Iteration: | 904; | Percent complete: | 22.6%; | Average loss: | 1.9303 |
| Iteration: | 905; | Percent complete: | 22.6%; | Average loss: | 1.9777 |
| Iteration: | 906; | Percent complete: | 22.7%; | Average loss: | 1.6547 |
| Iteration: | 907; | Percent complete: | 22.7%; | Average loss: | 1.7312 |
| Iteration: | 908; | Percent complete: | 22.7%; | Average loss: | 1.6306 |
| Iteration: | 909; | Percent complete: | 22.7%; | Average loss: | 1.8216 |
| Iteration: | 910; | Percent complete: | 22.8%; | Average loss: | 2.0556 |
| Iteration: | 911; | Percent complete: | 22.8%; | Average loss: | 1.7886 |
| Iteration: | 912; | Percent complete: | 22.8%; | Average loss: | 1.9313 |
| Iteration: | 913; | Percent complete: | 22.8%; | Average loss: | 1.7331 |
| Iteration: | 914; | Percent complete: | 22.9%; | Average loss: | 1.7545 |
| Iteration: | 915; | Percent complete: | 22.9%; | Average loss: | 1.6731 |
| Iteration: | 916; | Percent complete: | 22.9%; | Average loss: | 1.7571 |
| Iteration: | 917; | Percent complete: | 22.9%; | Average loss: | 1.9220 |
| Iteration: | 918; | Percent complete: | 22.9%; | Average loss: | 1.6361 |
| Iteration: | 919; | Percent complete: | 23.0%; | Average loss: | 1.8467 |
| Iteration: | 920; | Percent complete: | 23.0%; | Average loss: | 1.8570 |
| Iteration: | 921; | Percent complete: | 23.0%; | Average loss: | 1.6025 |
| Iteration: | 922; | Percent complete: | 23.1%; | Average loss: | 2.1096 |
| Iteration: | 923; | Percent complete: | 23.1%; | Average loss: | 1.9828 |
| Iteration: | 924; | Percent complete: | 23.1%; | Average loss: | 1.7994 |
| Iteration: | 925; | Percent complete: | 23.1%; | Average loss: | 1.7045 |
| Iteration: | 926; | Percent complete: | 23.2%; | Average loss: | 1.6985 |
| Iteration: | 927; | Percent complete: | 23.2%; | Average loss: | 1.6175 |
| Iteration: | 928; | Percent complete: | 23.2%; | Average loss: | 1.6737 |
| Iteration: | 929; | Percent complete: | 23.2%; | Average loss: | 1.7692 |
| Iteration: | 930; | Percent complete: | 23.2%; | Average loss: | 1.7324 |
| Iteration: | 931; | Percent complete: | 23.3%; | Average loss: | 1.5905 |
| Iteration: | 932; | Percent complete: | 23.3%; | Average loss: | 1.9232 |
| Iteration: | 933; | Percent complete: | 23.3%; | Average loss: | 1.7994 |
| Iteration: | 934; | Percent complete: | 23.4%; | Average loss: | 1.7361 |
| Iteration: | 935; | Percent complete: | 23.4%; | Average loss: | 1.7036 |
| Iteration: | 936; | Percent complete: | 23.4%; | Average loss: | 1.7349 |
| Iteration: | 937; | Percent complete: | 23.4%; | Average loss: | 1.7894 |
| Iteration: | 938; | Percent complete: | 23.4%; | Average loss: | 1.8264 |
| Iteration: | 939; | Percent complete: | 23.5%; | Average loss: | 1.8119 |
| Iteration: | 940; | Percent complete: | 23.5%; | Average loss: | 1.6720 |
| Iteration: | 941; | Percent complete: | 23.5%; | Average loss: | 1.7935 |
| Iteration: | 942; | Percent complete: | 23.5%; | Average loss: | 1.6842 |
| Iteration: | 943; | Percent complete: | 23.6%; | Average loss: | 1.6458 |
| Iteration: | 944; | Percent complete: | 23.6%; | Average loss: | 1.7365 |
| Iteration: | 945; | Percent complete: | 23.6%; | Average loss: | 1.8343 |
| Iteration: | 946; | Percent complete: | 23.6%; | Average loss: | 1.6070 |
| Iteration: | 947; | Percent complete: | 23.7%; | Average loss: | 1.7816 |
| Iteration: | 948; | Percent complete: | 23.7%; | Average loss: | 1.7587 |
| Iteration: | 949; | Percent complete: | 23.7%; | Average loss: | 1.5619 |
| Iteration: | 950; | Percent complete: | 23.8%; | Average loss: | 1.6821 |
| Iteration: | 951; | Percent complete: | 23.8%; | Average loss: | 1.7129 |
| Iteration: | 952; | Percent complete: | 23.8%; | Average loss: | 1.8460 |
| Iteration: | 953; | Percent complete: | 23.8%; | Average loss: | 1.6845 |
| Iteration: | 954; | Percent complete: | 23.8%; | Average loss: | 1.4845 |
| Iteration: | 955; | Percent complete: | 23.9%; | Average loss: | 1.5437 |
| Iteration: | 956; | Percent complete: | 23.9%; | Average loss: | 1.9258 |
| Iteration: | 957; | Percent complete: | 23.9%; | Average loss: | 1.8607 |
| Iteration: | 958; | Percent complete: | 23.9%; | Average loss: | 1.8487 |
| Iteration: | 959; | Percent complete: | 24.0%; | Average loss: | 1.7989 |
| Iteration: | 960; | Percent complete: | 24.0%; | Average loss: | 1.6568 |
| Iteration: | 961; | Percent complete: | 24.0%; | Average loss: | 1.9273 |
| Iteration: | 962; | Percent complete: | 24.1%; | Average loss: | 1.6488 |
| Iteration: | 963; | Percent complete: | 24.1%; | Average loss: | 1.6439 |
| Iteration: | 964; | Percent complete: | 24.1%; | Average loss: | 1.7284 |
| Iteration: | 965; | Percent complete: | 24.1%; | Average loss: | 1.7878 |
| Iteration: | 966; | Percent complete: | 24.1%; | Average loss: | 1.9789 |
| Iteration: | 967  |                   |        |               |        |

Iteration: 981; Percent complete: 24.5%; Average loss: 1.7469  
Iteration: 982; Percent complete: 24.6%; Average loss: 1.6892  
Iteration: 983; Percent complete: 24.6%; Average loss: 1.7804  
Iteration: 984; Percent complete: 24.6%; Average loss: 1.6123  
Iteration: 985; Percent complete: 24.6%; Average loss: 1.9605  
Iteration: 986; Percent complete: 24.6%; Average loss: 1.8708  
Iteration: 987; Percent complete: 24.7%; Average loss: 1.7989  
Iteration: 988; Percent complete: 24.7%; Average loss: 1.6480  
Iteration: 989; Percent complete: 24.7%; Average loss: 1.7004  
Iteration: 990; Percent complete: 24.8%; Average loss: 1.8929  
Iteration: 991; Percent complete: 24.8%; Average loss: 1.9014  
Iteration: 992; Percent complete: 24.8%; Average loss: 1.8380  
Iteration: 993; Percent complete: 24.8%; Average loss: 1.7095  
Iteration: 994; Percent complete: 24.9%; Average loss: 1.8664  
Iteration: 995; Percent complete: 24.9%; Average loss: 1.7909  
Iteration: 996; Percent complete: 24.9%; Average loss: 1.7562  
Iteration: 997; Percent complete: 24.9%; Average loss: 1.8173  
Iteration: 998; Percent complete: 24.9%; Average loss: 1.6903  
Iteration: 999; Percent complete: 25.0%; Average loss: 1.8737  
Iteration: 1000; Percent complete: 25.0%; Average loss: 1.6473  
Iteration: 1001; Percent complete: 25.0%; Average loss: 1.7116  
Iteration: 1002; Percent complete: 25.1%; Average loss: 1.8531  
Iteration: 1003; Percent complete: 25.1%; Average loss: 1.7144  
Iteration: 1004; Percent complete: 25.1%; Average loss: 1.8821  
Iteration: 1005; Percent complete: 25.1%; Average loss: 1.9341  
Iteration: 1006; Percent complete: 25.1%; Average loss: 1.7609  
Iteration: 1007; Percent complete: 25.2%; Average loss: 1.6416  
Iteration: 1008; Percent complete: 25.2%; Average loss: 1.8372  
Iteration: 1009; Percent complete: 25.2%; Average loss: 1.8160  
Iteration: 1010; Percent complete: 25.2%; Average loss: 1.7790  
Iteration: 1011; Percent complete: 25.3%; Average loss: 1.7714  
Iteration: 1012; Percent complete: 25.3%; Average loss: 2.0116  
Iteration: 1013; Percent complete: 25.3%; Average loss: 1.8371  
Iteration: 1014; Percent complete: 25.4%; Average loss: 1.8903  
Iteration: 1015; Percent complete: 25.4%; Average loss: 1.8196  
Iteration: 1016; Percent complete: 25.4%; Average loss: 1.8243  
Iteration: 1017; Percent complete: 25.4%; Average loss: 1.7786  
Iteration: 1018; Percent complete: 25.4%; Average loss: 1.8224  
Iteration: 1019; Percent complete: 25.5%; Average loss: 1.7888  
Iteration: 1020; Percent complete: 25.5%; Average loss: 1.6549  
Iteration: 1021; Percent complete: 25.5%; Average loss: 1.6670  
Iteration: 1022; Percent complete: 25.6%; Average loss: 1.9664  
Iteration: 1023; Percent complete: 25.6%; Average loss: 1.8540  
Iteration: 1024; Percent complete: 25.6%; Average loss: 1.7141  
Iteration: 1025; Percent complete: 25.6%; Average loss: 1.8233  
Iteration: 1026; Percent complete: 25.7%; Average loss: 1.8487  
Iteration: 1027; Percent complete: 25.7%; Average loss: 1.7086  
Iteration: 1028; Percent complete: 25.7%; Average loss: 1.8364  
Iteration: 1029; Percent complete: 25.7%; Average loss: 1.9400  
Iteration: 1030; Percent complete: 25.8%; Average loss: 1.7004  
Iteration: 1031; Percent complete: 25.8%; Average loss: 1.5907  
Iteration: 1032; Percent complete: 25.8%; Average loss: 1.7984  
Iteration: 1033; Percent complete: 25.8%; Average loss: 1.7950  
Iteration: 1034; Percent complete: 25.9%; Average loss: 1.5336  
Iteration: 1035; Percent complete: 25.9%; Average loss: 1.7254  
Iteration: 1036; Percent complete: 25.9%; Average loss: 1.8071  
Iteration: 1037; Percent complete: 25.9%; Average loss: 1.7647  
Iteration: 1038; Percent complete: 25.9%; Average loss: 1.8168  
Iteration: 1039; Percent complete: 26.0%; Average loss: 1.8363  
Iteration: 1040; Percent complete: 26.0%; Average loss: 1.9446  
Iteration: 1041; Percent complete: 26.0%; Average loss: 1.7632  
Iteration: 1042; Percent complete: 26.1%; Average loss: 1.7674  
Iteration: 1043; Percent complete: 26.1%; Average loss: 1.7297  
Iteration: 1044; Percent complete: 26.1%; Average loss: 1.5848  
Iteration: 1045; Percent complete: 26.1%; Average loss: 1.8616  
Iteration: 1046; Percent complete: 26.2%; Average loss: 1.9597  
Iteration: 1047; Percent complete: 26.2%; Average loss: 1.8236  
Iteration: 1048; Percent complete: 26.2%; Average loss: 1.4742  
Iteration: 1049; Percent complete: 26.2%; Average loss: 1.9440  
Iteration: 1050; Percent complete: 26.2%; Average loss: 1.5595  
Iteration: 1051; Percent complete: 26.3%; Average loss: 1.7466  
Iteration: 1052; Percent complete: 26.3%; Average loss: 1.8865  
Iteration: 1053; Percent complete: 26.3%; Average loss: 1.7344  
Iteration: 1054; Percent complete: 26.4%; Average loss: 1.7668  
Iteration: 1055; Percent complete: 26.4%; Average loss: 1.8708  
Iteration: 1056; Percent complete: 26.4%; Average loss: 1.6061  
Iteration: 1057; Percent complete: 26.4%; Average loss: 1.6680  
Iteration: 1058; Percent complete: 26.5%; Average loss: 1.8523  
Iteration: 1059; Percent complete: 26.5%; Average loss: 1.7996  
Iteration: 1060; Percent complete: 26.5%; Average loss: 1.9032  
Iteration: 1061; Percent complete: 26.5%; Average loss: 1.7383  
Iteration: 1062; Percent complete: 26.6%; Average loss: 1.8710  
Iteration: 1063; Percent complete: 26.6%; Average loss: 1.7283  
Iteration: 1064; Percent complete: 26.6%; Average loss: 1.6771  
Iteration: 1065; Percent complete: 26.6%; Average loss: 1.9384  
Iteration: 1066; Percent complete: 26.7%; Average loss: 1.8212  
Iteration: 1067; Percent complete: 26.7%; Average loss: 1.7926  
Iteration: 1068; Percent complete: 26.7%; Average loss: 1.9346  
Iteration: 1069; Percent complete: 26.7%; Average loss: 1.9171  
Iteration: 1070; Percent complete: 26.8%; Average loss: 1.7127  
Iteration: 1071; Percent complete: 26.8%; Average loss: 1.8479

Iteration: 1072; Percent complete: 26.8%; Average loss: 2.0555  
Iteration: 1073; Percent complete: 26.8%; Average loss: 1.6000  
Iteration: 1074; Percent complete: 26.9%; Average loss: 1.8666  
Iteration: 1075; Percent complete: 26.9%; Average loss: 1.7282  
Iteration: 1076; Percent complete: 26.9%; Average loss: 1.8679  
Iteration: 1077; Percent complete: 26.9%; Average loss: 1.8647  
Iteration: 1078; Percent complete: 27.0%; Average loss: 1.8588  
Iteration: 1079; Percent complete: 27.0%; Average loss: 1.7765  
Iteration: 1080; Percent complete: 27.0%; Average loss: 2.0753  
Iteration: 1081; Percent complete: 27.0%; Average loss: 1.7452  
Iteration: 1082; Percent complete: 27.1%; Average loss: 1.8319  
Iteration: 1083; Percent complete: 27.1%; Average loss: 1.8369  
Iteration: 1084; Percent complete: 27.1%; Average loss: 1.8375  
Iteration: 1085; Percent complete: 27.1%; Average loss: 1.6875  
Iteration: 1086; Percent complete: 27.2%; Average loss: 1.6804  
Iteration: 1087; Percent complete: 27.2%; Average loss: 1.7875  
Iteration: 1088; Percent complete: 27.2%; Average loss: 1.5733  
Iteration: 1089; Percent complete: 27.2%; Average loss: 1.8688  
Iteration: 1090; Percent complete: 27.3%; Average loss: 1.9555  
Iteration: 1091; Percent complete: 27.3%; Average loss: 2.0515  
Iteration: 1092; Percent complete: 27.3%; Average loss: 1.7564  
Iteration: 1093; Percent complete: 27.3%; Average loss: 1.8159  
Iteration: 1094; Percent complete: 27.4%; Average loss: 1.6874  
Iteration: 1095; Percent complete: 27.4%; Average loss: 2.0030  
Iteration: 1096; Percent complete: 27.4%; Average loss: 1.9004  
Iteration: 1097; Percent complete: 27.4%; Average loss: 1.7940  
Iteration: 1098; Percent complete: 27.5%; Average loss: 1.8543  
Iteration: 1099; Percent complete: 27.5%; Average loss: 1.8273  
Iteration: 1100; Percent complete: 27.5%; Average loss: 1.6414  
Iteration: 1101; Percent complete: 27.5%; Average loss: 1.8224  
Iteration: 1102; Percent complete: 27.6%; Average loss: 1.6501  
Iteration: 1103; Percent complete: 27.6%; Average loss: 1.7067  
Iteration: 1104; Percent complete: 27.6%; Average loss: 1.6624  
Iteration: 1105; Percent complete: 27.6%; Average loss: 1.7800  
Iteration: 1106; Percent complete: 27.7%; Average loss: 1.6991  
Iteration: 1107; Percent complete: 27.7%; Average loss: 1.7847  
Iteration: 1108; Percent complete: 27.7%; Average loss: 1.8259  
Iteration: 1109; Percent complete: 27.7%; Average loss: 1.9944  
Iteration: 1110; Percent complete: 27.8%; Average loss: 1.8209  
Iteration: 1111; Percent complete: 27.8%; Average loss: 2.0024  
Iteration: 1112; Percent complete: 27.8%; Average loss: 1.7854  
Iteration: 1113; Percent complete: 27.8%; Average loss: 1.8215  
Iteration: 1114; Percent complete: 27.9%; Average loss: 1.7600  
Iteration: 1115; Percent complete: 27.9%; Average loss: 1.6845  
Iteration: 1116; Percent complete: 27.9%; Average loss: 1.7659  
Iteration: 1117; Percent complete: 27.9%; Average loss: 1.7010  
Iteration: 1118; Percent complete: 28.0%; Average loss: 2.2487  
Iteration: 1119; Percent complete: 28.0%; Average loss: 1.8184  
Iteration: 1120; Percent complete: 28.0%; Average loss: 1.6492  
Iteration: 1121; Percent complete: 28.0%; Average loss: 1.9110  
Iteration: 1122; Percent complete: 28.1%; Average loss: 1.9513  
Iteration: 1123; Percent complete: 28.1%; Average loss: 1.9597  
Iteration: 1124; Percent complete: 28.1%; Average loss: 1.8045  
Iteration: 1125; Percent complete: 28.1%; Average loss: 1.8606  
Iteration: 1126; Percent complete: 28.1%; Average loss: 1.9309  
Iteration: 1127; Percent complete: 28.2%; Average loss: 1.5299  
Iteration: 1128; Percent complete: 28.2%; Average loss: 1.9733  
Iteration: 1129; Percent complete: 28.2%; Average loss: 1.7418  
Iteration: 1130; Percent complete: 28.2%; Average loss: 1.7832  
Iteration: 1131; Percent complete: 28.3%; Average loss: 1.6397  
Iteration: 1132; Percent complete: 28.3%; Average loss: 1.8132  
Iteration: 1133; Percent complete: 28.3%; Average loss: 1.6680  
Iteration: 1134; Percent complete: 28.3%; Average loss: 1.8680  
Iteration: 1135; Percent complete: 28.4%; Average loss: 1.8101  
Iteration: 1136; Percent complete: 28.4%; Average loss: 1.6227  
Iteration: 1137; Percent complete: 28.4%; Average loss: 1.5395  
Iteration: 1138; Percent complete: 28.4%; Average loss: 1.9065  
Iteration: 1139; Percent complete: 28.5%; Average loss: 1.8949  
Iteration: 1140; Percent complete: 28.5%; Average loss: 1.8208  
Iteration: 1141; Percent complete: 28.5%; Average loss: 1.6881  
Iteration: 1142; Percent complete: 28.5%; Average loss: 1.8872  
Iteration: 1143; Percent complete: 28.6%; Average loss: 1.8974  
Iteration: 1144; Percent complete: 28.6%; Average loss: 1.7691  
Iteration: 1145; Percent complete: 28.6%; Average loss: 1.7920  
Iteration: 1146; Percent complete: 28.6%; Average loss: 1.8144  
Iteration: 1147; Percent complete: 28.7%; Average loss: 1.6716  
Iteration: 1148; Percent complete: 28.7%; Average loss: 1.9302  
Iteration: 1149; Percent complete: 28.7%; Average loss: 1.7721  
Iteration: 1150; Percent complete: 28.7%; Average loss: 1.7914  
Iteration: 1151; Percent complete: 28.8%; Average loss: 1.7549  
Iteration: 1152; Percent complete: 28.8%; Average loss: 1.3939  
Iteration: 1153; Percent complete: 28.8%; Average loss: 1.8309  
Iteration: 1154; Percent complete: 28.8%; Average loss: 1.7779  
Iteration: 1155; Percent complete: 28.9%; Average loss: 1.5483  
Iteration: 1156; Percent complete: 28.9%; Average loss: 1.6653  
Iteration: 1157; Percent complete: 28.9%; Average loss: 1.7523  
Iteration: 1158; Percent complete: 28.9%; Average loss: 1.8285  
Iteration: 1159; Percent complete: 29.0%; Average loss: 1.8183  
Iteration: 1160; Percent complete: 29.0%; Average loss: 1.7493  
Iteration: 1161; Percent complete: 29.0%; Average loss: 1.5951  
Iteration: 1162; Percent complete: 29.0%; Average loss: 1.8067  
Iteration: 1163; Percent complete: 29.1%; Average loss: 1.9950

Iteration: 1163; Percent complete: 29.1%; Average loss: 1.9050  
Iteration: 1164; Percent complete: 29.1%; Average loss: 1.8195  
Iteration: 1165; Percent complete: 29.1%; Average loss: 1.8273  
Iteration: 1166; Percent complete: 29.1%; Average loss: 1.8354  
Iteration: 1167; Percent complete: 29.2%; Average loss: 1.6784  
Iteration: 1168; Percent complete: 29.2%; Average loss: 1.9818  
Iteration: 1169; Percent complete: 29.2%; Average loss: 1.8582  
Iteration: 1170; Percent complete: 29.2%; Average loss: 1.8682  
Iteration: 1171; Percent complete: 29.3%; Average loss: 1.7094  
Iteration: 1172; Percent complete: 29.3%; Average loss: 1.5859  
Iteration: 1173; Percent complete: 29.3%; Average loss: 1.8694  
Iteration: 1174; Percent complete: 29.3%; Average loss: 1.5555  
Iteration: 1175; Percent complete: 29.4%; Average loss: 1.7386  
Iteration: 1176; Percent complete: 29.4%; Average loss: 1.7736  
Iteration: 1177; Percent complete: 29.4%; Average loss: 1.9355  
Iteration: 1178; Percent complete: 29.4%; Average loss: 1.8391  
Iteration: 1179; Percent complete: 29.5%; Average loss: 1.7988  
Iteration: 1180; Percent complete: 29.5%; Average loss: 1.9826  
Iteration: 1181; Percent complete: 29.5%; Average loss: 1.7186  
Iteration: 1182; Percent complete: 29.5%; Average loss: 1.9413  
Iteration: 1183; Percent complete: 29.6%; Average loss: 1.8317  
Iteration: 1184; Percent complete: 29.6%; Average loss: 1.6861  
Iteration: 1185; Percent complete: 29.6%; Average loss: 2.1842  
Iteration: 1186; Percent complete: 29.6%; Average loss: 1.7275  
Iteration: 1187; Percent complete: 29.7%; Average loss: 1.7121  
Iteration: 1188; Percent complete: 29.7%; Average loss: 1.7537  
Iteration: 1189; Percent complete: 29.7%; Average loss: 1.8284  
Iteration: 1190; Percent complete: 29.8%; Average loss: 1.7954  
Iteration: 1191; Percent complete: 29.8%; Average loss: 1.4509  
Iteration: 1192; Percent complete: 29.8%; Average loss: 1.7509  
Iteration: 1193; Percent complete: 29.8%; Average loss: 1.6850  
Iteration: 1194; Percent complete: 29.8%; Average loss: 1.7537  
Iteration: 1195; Percent complete: 29.9%; Average loss: 1.8167  
Iteration: 1196; Percent complete: 29.9%; Average loss: 1.7102  
Iteration: 1197; Percent complete: 29.9%; Average loss: 1.7414  
Iteration: 1198; Percent complete: 29.9%; Average loss: 1.6657  
Iteration: 1199; Percent complete: 30.0%; Average loss: 1.8012  
Iteration: 1200; Percent complete: 30.0%; Average loss: 1.9452  
Iteration: 1201; Percent complete: 30.0%; Average loss: 1.9588  
Iteration: 1202; Percent complete: 30.0%; Average loss: 1.7843  
Iteration: 1203; Percent complete: 30.1%; Average loss: 1.9219  
Iteration: 1204; Percent complete: 30.1%; Average loss: 1.6956  
Iteration: 1205; Percent complete: 30.1%; Average loss: 1.9510  
Iteration: 1206; Percent complete: 30.1%; Average loss: 1.7155  
Iteration: 1207; Percent complete: 30.2%; Average loss: 1.7935  
Iteration: 1208; Percent complete: 30.2%; Average loss: 1.8242  
Iteration: 1209; Percent complete: 30.2%; Average loss: 2.0553  
Iteration: 1210; Percent complete: 30.2%; Average loss: 1.8970  
Iteration: 1211; Percent complete: 30.3%; Average loss: 1.8486  
Iteration: 1212; Percent complete: 30.3%; Average loss: 1.7778  
Iteration: 1213; Percent complete: 30.3%; Average loss: 1.9028  
Iteration: 1214; Percent complete: 30.3%; Average loss: 1.5956  
Iteration: 1215; Percent complete: 30.4%; Average loss: 1.6040  
Iteration: 1216; Percent complete: 30.4%; Average loss: 1.8366  
Iteration: 1217; Percent complete: 30.4%; Average loss: 1.5699  
Iteration: 1218; Percent complete: 30.4%; Average loss: 1.7548  
Iteration: 1219; Percent complete: 30.5%; Average loss: 1.7174  
Iteration: 1220; Percent complete: 30.5%; Average loss: 1.6630  
Iteration: 1221; Percent complete: 30.5%; Average loss: 1.7495  
Iteration: 1222; Percent complete: 30.6%; Average loss: 1.9312  
Iteration: 1223; Percent complete: 30.6%; Average loss: 1.6107  
Iteration: 1224; Percent complete: 30.6%; Average loss: 1.8880  
Iteration: 1225; Percent complete: 30.6%; Average loss: 1.5573  
Iteration: 1226; Percent complete: 30.6%; Average loss: 1.8094  
Iteration: 1227; Percent complete: 30.7%; Average loss: 1.8175  
Iteration: 1228; Percent complete: 30.7%; Average loss: 1.7143  
Iteration: 1229; Percent complete: 30.7%; Average loss: 1.7194  
Iteration: 1230; Percent complete: 30.8%; Average loss: 1.8635  
Iteration: 1231; Percent complete: 30.8%; Average loss: 1.9633  
Iteration: 1232; Percent complete: 30.8%; Average loss: 1.8362  
Iteration: 1233; Percent complete: 30.8%; Average loss: 1.8933  
Iteration: 1234; Percent complete: 30.9%; Average loss: 2.0211  
Iteration: 1235; Percent complete: 30.9%; Average loss: 1.9412  
Iteration: 1236; Percent complete: 30.9%; Average loss: 1.7058  
Iteration: 1237; Percent complete: 30.9%; Average loss: 2.0499  
Iteration: 1238; Percent complete: 30.9%; Average loss: 1.5784  
Iteration: 1239; Percent complete: 31.0%; Average loss: 1.8901  
Iteration: 1240; Percent complete: 31.0%; Average loss: 1.8436  
Iteration: 1241; Percent complete: 31.0%; Average loss: 2.1035  
Iteration: 1242; Percent complete: 31.1%; Average loss: 1.7075  
Iteration: 1243; Percent complete: 31.1%; Average loss: 1.9747  
Iteration: 1244; Percent complete: 31.1%; Average loss: 1.8933  
Iteration: 1245; Percent complete: 31.1%; Average loss: 1.7730  
Iteration: 1246; Percent complete: 31.1%; Average loss: 1.9273  
Iteration: 1247; Percent complete: 31.2%; Average loss: 1.9163  
Iteration: 1248; Percent complete: 31.2%; Average loss: 1.8134  
Iteration: 1249; Percent complete: 31.2%; Average loss: 1.9217  
Iteration: 1250; Percent complete: 31.2%; Average loss: 1.8872  
Iteration: 1251; Percent complete: 31.3%; Average loss: 1.9979  
Iteration: 1252; Percent complete: 31.3%; Average loss: 1.7382  
Iteration: 1253; Percent complete: 31.3%; Average loss: 1.9444  
Iteration: 1254; Percent complete: 31.4%; Average loss: 1.8697

Iteration: 1255; Percent complete: 31.4%; Average loss: 1.9076  
Iteration: 1256; Percent complete: 31.4%; Average loss: 1.8978  
Iteration: 1257; Percent complete: 31.4%; Average loss: 1.8378  
Iteration: 1258; Percent complete: 31.4%; Average loss: 1.7736  
Iteration: 1259; Percent complete: 31.5%; Average loss: 1.8982  
Iteration: 1260; Percent complete: 31.5%; Average loss: 1.7213  
Iteration: 1261; Percent complete: 31.5%; Average loss: 1.9373  
Iteration: 1262; Percent complete: 31.6%; Average loss: 1.8233  
Iteration: 1263; Percent complete: 31.6%; Average loss: 1.9709  
Iteration: 1264; Percent complete: 31.6%; Average loss: 1.7497  
Iteration: 1265; Percent complete: 31.6%; Average loss: 1.6168  
Iteration: 1266; Percent complete: 31.6%; Average loss: 1.6862  
Iteration: 1267; Percent complete: 31.7%; Average loss: 1.8306  
Iteration: 1268; Percent complete: 31.7%; Average loss: 1.8469  
Iteration: 1269; Percent complete: 31.7%; Average loss: 1.8450  
Iteration: 1270; Percent complete: 31.8%; Average loss: 1.7968  
Iteration: 1271; Percent complete: 31.8%; Average loss: 1.8513  
Iteration: 1272; Percent complete: 31.8%; Average loss: 1.8545  
Iteration: 1273; Percent complete: 31.8%; Average loss: 1.7923  
Iteration: 1274; Percent complete: 31.9%; Average loss: 1.8595  
Iteration: 1275; Percent complete: 31.9%; Average loss: 1.9079  
Iteration: 1276; Percent complete: 31.9%; Average loss: 2.0809  
Iteration: 1277; Percent complete: 31.9%; Average loss: 1.8168  
Iteration: 1278; Percent complete: 31.9%; Average loss: 1.6288  
Iteration: 1279; Percent complete: 32.0%; Average loss: 1.6298  
Iteration: 1280; Percent complete: 32.0%; Average loss: 1.9747  
Iteration: 1281; Percent complete: 32.0%; Average loss: 1.8133  
Iteration: 1282; Percent complete: 32.0%; Average loss: 1.8626  
Iteration: 1283; Percent complete: 32.1%; Average loss: 1.6920  
Iteration: 1284; Percent complete: 32.1%; Average loss: 1.8825  
Iteration: 1285; Percent complete: 32.1%; Average loss: 1.8683  
Iteration: 1286; Percent complete: 32.1%; Average loss: 1.8248  
Iteration: 1287; Percent complete: 32.2%; Average loss: 1.7973  
Iteration: 1288; Percent complete: 32.2%; Average loss: 1.9958  
Iteration: 1289; Percent complete: 32.2%; Average loss: 2.0630  
Iteration: 1290; Percent complete: 32.2%; Average loss: 1.7659  
Iteration: 1291; Percent complete: 32.3%; Average loss: 1.8744  
Iteration: 1292; Percent complete: 32.3%; Average loss: 1.8062  
Iteration: 1293; Percent complete: 32.3%; Average loss: 1.9532  
Iteration: 1294; Percent complete: 32.4%; Average loss: 2.0784  
Iteration: 1295; Percent complete: 32.4%; Average loss: 1.8407  
Iteration: 1296; Percent complete: 32.4%; Average loss: 1.8418  
Iteration: 1297; Percent complete: 32.4%; Average loss: 1.5783  
Iteration: 1298; Percent complete: 32.5%; Average loss: 2.0353  
Iteration: 1299; Percent complete: 32.5%; Average loss: 1.8609  
Iteration: 1300; Percent complete: 32.5%; Average loss: 1.7984  
Iteration: 1301; Percent complete: 32.5%; Average loss: 1.9172  
Iteration: 1302; Percent complete: 32.6%; Average loss: 1.9586  
Iteration: 1303; Percent complete: 32.6%; Average loss: 1.8093  
Iteration: 1304; Percent complete: 32.6%; Average loss: 1.8145  
Iteration: 1305; Percent complete: 32.6%; Average loss: 1.9973  
Iteration: 1306; Percent complete: 32.6%; Average loss: 1.7699  
Iteration: 1307; Percent complete: 32.7%; Average loss: 2.1077  
Iteration: 1308; Percent complete: 32.7%; Average loss: 1.6633  
Iteration: 1309; Percent complete: 32.7%; Average loss: 1.6477  
Iteration: 1310; Percent complete: 32.8%; Average loss: 1.7053  
Iteration: 1311; Percent complete: 32.8%; Average loss: 1.7176  
Iteration: 1312; Percent complete: 32.8%; Average loss: 1.8360  
Iteration: 1313; Percent complete: 32.8%; Average loss: 1.8098  
Iteration: 1314; Percent complete: 32.9%; Average loss: 1.8491  
Iteration: 1315; Percent complete: 32.9%; Average loss: 1.6717  
Iteration: 1316; Percent complete: 32.9%; Average loss: 1.7466  
Iteration: 1317; Percent complete: 32.9%; Average loss: 1.7560  
Iteration: 1318; Percent complete: 33.0%; Average loss: 1.7522  
Iteration: 1319; Percent complete: 33.0%; Average loss: 1.7094  
Iteration: 1320; Percent complete: 33.0%; Average loss: 1.9196  
Iteration: 1321; Percent complete: 33.0%; Average loss: 1.8401  
Iteration: 1322; Percent complete: 33.1%; Average loss: 1.7338  
Iteration: 1323; Percent complete: 33.1%; Average loss: 1.7363  
Iteration: 1324; Percent complete: 33.1%; Average loss: 1.8021  
Iteration: 1325; Percent complete: 33.1%; Average loss: 2.0757  
Iteration: 1326; Percent complete: 33.1%; Average loss: 1.7074  
Iteration: 1327; Percent complete: 33.2%; Average loss: 1.8706  
Iteration: 1328; Percent complete: 33.2%; Average loss: 1.5487  
Iteration: 1329; Percent complete: 33.2%; Average loss: 1.7353  
Iteration: 1330; Percent complete: 33.2%; Average loss: 1.8322  
Iteration: 1331; Percent complete: 33.3%; Average loss: 1.6403  
Iteration: 1332; Percent complete: 33.3%; Average loss: 1.7384  
Iteration: 1333; Percent complete: 33.3%; Average loss: 1.8793  
Iteration: 1334; Percent complete: 33.4%; Average loss: 1.9491  
Iteration: 1335; Percent complete: 33.4%; Average loss: 1.8051  
Iteration: 1336; Percent complete: 33.4%; Average loss: 1.6300  
Iteration: 1337; Percent complete: 33.4%; Average loss: 1.8477  
Iteration: 1338; Percent complete: 33.5%; Average loss: 1.6065  
Iteration: 1339; Percent complete: 33.5%; Average loss: 1.6160  
Iteration: 1340; Percent complete: 33.5%; Average loss: 1.7727  
Iteration: 1341; Percent complete: 33.5%; Average loss: 1.7961  
Iteration: 1342; Percent complete: 33.6%; Average loss: 1.7814  
Iteration: 1343; Percent complete: 33.6%; Average loss: 1.8022  
Iteration: 1344; Percent complete: 33.6%; Average loss: 1.7125  
Iteration: 1345; Percent complete: 33.6%; Average loss: 1.7641

Iteration: 1346; Percent complete: 33.7%; Average loss: 1.7398  
Iteration: 1347; Percent complete: 33.7%; Average loss: 1.8803  
Iteration: 1348; Percent complete: 33.7%; Average loss: 1.6835  
Iteration: 1349; Percent complete: 33.7%; Average loss: 1.6643  
Iteration: 1350; Percent complete: 33.8%; Average loss: 1.7016  
Iteration: 1351; Percent complete: 33.8%; Average loss: 1.7964  
Iteration: 1352; Percent complete: 33.8%; Average loss: 2.0171  
Iteration: 1353; Percent complete: 33.8%; Average loss: 1.7463  
Iteration: 1354; Percent complete: 33.9%; Average loss: 1.7572  
Iteration: 1355; Percent complete: 33.9%; Average loss: 1.8694  
Iteration: 1356; Percent complete: 33.9%; Average loss: 1.9072  
Iteration: 1357; Percent complete: 33.9%; Average loss: 1.9115  
Iteration: 1358; Percent complete: 34.0%; Average loss: 1.7306  
Iteration: 1359; Percent complete: 34.0%; Average loss: 1.6802  
Iteration: 1360; Percent complete: 34.0%; Average loss: 1.7443  
Iteration: 1361; Percent complete: 34.0%; Average loss: 1.7149  
Iteration: 1362; Percent complete: 34.1%; Average loss: 1.9043  
Iteration: 1363; Percent complete: 34.1%; Average loss: 1.6637  
Iteration: 1364; Percent complete: 34.1%; Average loss: 1.8052  
Iteration: 1365; Percent complete: 34.1%; Average loss: 1.8538  
Iteration: 1366; Percent complete: 34.2%; Average loss: 1.8391  
Iteration: 1367; Percent complete: 34.2%; Average loss: 1.9863  
Iteration: 1368; Percent complete: 34.2%; Average loss: 1.7788  
Iteration: 1369; Percent complete: 34.2%; Average loss: 1.7539  
Iteration: 1370; Percent complete: 34.2%; Average loss: 2.1004  
Iteration: 1371; Percent complete: 34.3%; Average loss: 1.9177  
Iteration: 1372; Percent complete: 34.3%; Average loss: 1.6462  
Iteration: 1373; Percent complete: 34.3%; Average loss: 1.8860  
Iteration: 1374; Percent complete: 34.4%; Average loss: 1.5796  
Iteration: 1375; Percent complete: 34.4%; Average loss: 1.7418  
Iteration: 1376; Percent complete: 34.4%; Average loss: 1.7026  
Iteration: 1377; Percent complete: 34.4%; Average loss: 2.0777  
Iteration: 1378; Percent complete: 34.4%; Average loss: 1.8567  
Iteration: 1379; Percent complete: 34.5%; Average loss: 1.8440  
Iteration: 1380; Percent complete: 34.5%; Average loss: 1.7360  
Iteration: 1381; Percent complete: 34.5%; Average loss: 1.6363  
Iteration: 1382; Percent complete: 34.5%; Average loss: 1.6357  
Iteration: 1383; Percent complete: 34.6%; Average loss: 1.9869  
Iteration: 1384; Percent complete: 34.6%; Average loss: 1.7602  
Iteration: 1385; Percent complete: 34.6%; Average loss: 1.5824  
Iteration: 1386; Percent complete: 34.6%; Average loss: 1.9887  
Iteration: 1387; Percent complete: 34.7%; Average loss: 1.8763  
Iteration: 1388; Percent complete: 34.7%; Average loss: 1.8886  
Iteration: 1389; Percent complete: 34.7%; Average loss: 1.8339  
Iteration: 1390; Percent complete: 34.8%; Average loss: 1.9463  
Iteration: 1391; Percent complete: 34.8%; Average loss: 1.6433  
Iteration: 1392; Percent complete: 34.8%; Average loss: 1.7674  
Iteration: 1393; Percent complete: 34.8%; Average loss: 1.7707  
Iteration: 1394; Percent complete: 34.8%; Average loss: 1.8699  
Iteration: 1395; Percent complete: 34.9%; Average loss: 1.6151  
Iteration: 1396; Percent complete: 34.9%; Average loss: 1.9231  
Iteration: 1397; Percent complete: 34.9%; Average loss: 1.7859  
Iteration: 1398; Percent complete: 34.9%; Average loss: 1.7239  
Iteration: 1399; Percent complete: 35.0%; Average loss: 1.7599  
Iteration: 1400; Percent complete: 35.0%; Average loss: 1.5057  
Iteration: 1401; Percent complete: 35.0%; Average loss: 1.6036  
Iteration: 1402; Percent complete: 35.0%; Average loss: 1.6578  
Iteration: 1403; Percent complete: 35.1%; Average loss: 1.8510  
Iteration: 1404; Percent complete: 35.1%; Average loss: 1.7480  
Iteration: 1405; Percent complete: 35.1%; Average loss: 1.8657  
Iteration: 1406; Percent complete: 35.1%; Average loss: 1.6013  
Iteration: 1407; Percent complete: 35.2%; Average loss: 1.6240  
Iteration: 1408; Percent complete: 35.2%; Average loss: 1.5809  
Iteration: 1409; Percent complete: 35.2%; Average loss: 1.8918  
Iteration: 1410; Percent complete: 35.2%; Average loss: 1.7331  
Iteration: 1411; Percent complete: 35.3%; Average loss: 1.7565  
Iteration: 1412; Percent complete: 35.3%; Average loss: 1.7507  
Iteration: 1413; Percent complete: 35.3%; Average loss: 1.7925  
Iteration: 1414; Percent complete: 35.4%; Average loss: 1.7050  
Iteration: 1415; Percent complete: 35.4%; Average loss: 2.0143  
Iteration: 1416; Percent complete: 35.4%; Average loss: 1.6797  
Iteration: 1417; Percent complete: 35.4%; Average loss: 1.5614  
Iteration: 1418; Percent complete: 35.4%; Average loss: 1.7824  
Iteration: 1419; Percent complete: 35.5%; Average loss: 1.6487  
Iteration: 1420; Percent complete: 35.5%; Average loss: 1.7384  
Iteration: 1421; Percent complete: 35.5%; Average loss: 1.7710  
Iteration: 1422; Percent complete: 35.5%; Average loss: 1.5475  
Iteration: 1423; Percent complete: 35.6%; Average loss: 1.7867  
Iteration: 1424; Percent complete: 35.6%; Average loss: 1.6437  
Iteration: 1425; Percent complete: 35.6%; Average loss: 1.9338  
Iteration: 1426; Percent complete: 35.6%; Average loss: 1.8968  
Iteration: 1427; Percent complete: 35.7%; Average loss: 1.7064  
Iteration: 1428; Percent complete: 35.7%; Average loss: 1.8267  
Iteration: 1429; Percent complete: 35.7%; Average loss: 1.8531  
Iteration: 1430; Percent complete: 35.8%; Average loss: 2.0512  
Iteration: 1431; Percent complete: 35.8%; Average loss: 1.7855  
Iteration: 1432; Percent complete: 35.8%; Average loss: 1.9820  
Iteration: 1433; Percent complete: 35.8%; Average loss: 1.8437  
Iteration: 1434; Percent complete: 35.9%; Average loss: 1.9030  
Iteration: 1435; Percent complete: 35.9%; Average loss: 1.8835  
Iteration: 1436; Percent complete: 35.9%; Average loss: 1.9308

Iteration: 1437; Percent complete: 35.9%; Average loss: 1.7249  
Iteration: 1438; Percent complete: 35.9%; Average loss: 1.5051  
Iteration: 1439; Percent complete: 36.0%; Average loss: 1.6151  
Iteration: 1440; Percent complete: 36.0%; Average loss: 1.9285  
Iteration: 1441; Percent complete: 36.0%; Average loss: 1.8801  
Iteration: 1442; Percent complete: 36.0%; Average loss: 1.8326  
Iteration: 1443; Percent complete: 36.1%; Average loss: 1.7567  
Iteration: 1444; Percent complete: 36.1%; Average loss: 1.8222  
Iteration: 1445; Percent complete: 36.1%; Average loss: 1.9247  
Iteration: 1446; Percent complete: 36.1%; Average loss: 1.8825  
Iteration: 1447; Percent complete: 36.2%; Average loss: 1.6834  
Iteration: 1448; Percent complete: 36.2%; Average loss: 2.0169  
Iteration: 1449; Percent complete: 36.2%; Average loss: 1.6909  
Iteration: 1450; Percent complete: 36.2%; Average loss: 1.6360  
Iteration: 1451; Percent complete: 36.3%; Average loss: 1.6992  
Iteration: 1452; Percent complete: 36.3%; Average loss: 1.8058  
Iteration: 1453; Percent complete: 36.3%; Average loss: 2.0377  
Iteration: 1454; Percent complete: 36.4%; Average loss: 1.7750  
Iteration: 1455; Percent complete: 36.4%; Average loss: 2.1306  
Iteration: 1456; Percent complete: 36.4%; Average loss: 1.7481  
Iteration: 1457; Percent complete: 36.4%; Average loss: 1.7044  
Iteration: 1458; Percent complete: 36.4%; Average loss: 1.8165  
Iteration: 1459; Percent complete: 36.5%; Average loss: 1.8290  
Iteration: 1460; Percent complete: 36.5%; Average loss: 1.8019  
Iteration: 1461; Percent complete: 36.5%; Average loss: 1.9514  
Iteration: 1462; Percent complete: 36.5%; Average loss: 1.7623  
Iteration: 1463; Percent complete: 36.6%; Average loss: 1.5865  
Iteration: 1464; Percent complete: 36.6%; Average loss: 1.6447  
Iteration: 1465; Percent complete: 36.6%; Average loss: 1.7832  
Iteration: 1466; Percent complete: 36.6%; Average loss: 1.7454  
Iteration: 1467; Percent complete: 36.7%; Average loss: 1.9067  
Iteration: 1468; Percent complete: 36.7%; Average loss: 1.9671  
Iteration: 1469; Percent complete: 36.7%; Average loss: 1.7824  
Iteration: 1470; Percent complete: 36.8%; Average loss: 1.7686  
Iteration: 1471; Percent complete: 36.8%; Average loss: 1.8688  
Iteration: 1472; Percent complete: 36.8%; Average loss: 1.9808  
Iteration: 1473; Percent complete: 36.8%; Average loss: 2.0631  
Iteration: 1474; Percent complete: 36.9%; Average loss: 1.7347  
Iteration: 1475; Percent complete: 36.9%; Average loss: 1.6628  
Iteration: 1476; Percent complete: 36.9%; Average loss: 1.7795  
Iteration: 1477; Percent complete: 36.9%; Average loss: 1.7773  
Iteration: 1478; Percent complete: 37.0%; Average loss: 1.7854  
Iteration: 1479; Percent complete: 37.0%; Average loss: 1.7435  
Iteration: 1480; Percent complete: 37.0%; Average loss: 1.8407  
Iteration: 1481; Percent complete: 37.0%; Average loss: 1.5869  
Iteration: 1482; Percent complete: 37.0%; Average loss: 2.2379  
Iteration: 1483; Percent complete: 37.1%; Average loss: 1.8111  
Iteration: 1484; Percent complete: 37.1%; Average loss: 1.7392  
Iteration: 1485; Percent complete: 37.1%; Average loss: 1.8073  
Iteration: 1486; Percent complete: 37.1%; Average loss: 1.8174  
Iteration: 1487; Percent complete: 37.2%; Average loss: 1.7446  
Iteration: 1488; Percent complete: 37.2%; Average loss: 1.9337  
Iteration: 1489; Percent complete: 37.2%; Average loss: 1.9411  
Iteration: 1490; Percent complete: 37.2%; Average loss: 1.8589  
Iteration: 1491; Percent complete: 37.3%; Average loss: 1.7423  
Iteration: 1492; Percent complete: 37.3%; Average loss: 1.9341  
Iteration: 1493; Percent complete: 37.3%; Average loss: 1.7241  
Iteration: 1494; Percent complete: 37.4%; Average loss: 1.5767  
Iteration: 1495; Percent complete: 37.4%; Average loss: 1.5490  
Iteration: 1496; Percent complete: 37.4%; Average loss: 1.6187  
Iteration: 1497; Percent complete: 37.4%; Average loss: 1.7057  
Iteration: 1498; Percent complete: 37.5%; Average loss: 1.7343  
Iteration: 1499; Percent complete: 37.5%; Average loss: 2.0269  
Iteration: 1500; Percent complete: 37.5%; Average loss: 1.7025  
Iteration: 1501; Percent complete: 37.5%; Average loss: 1.7733  
Iteration: 1502; Percent complete: 37.5%; Average loss: 1.6847  
Iteration: 1503; Percent complete: 37.6%; Average loss: 1.7409  
Iteration: 1504; Percent complete: 37.6%; Average loss: 1.6371  
Iteration: 1505; Percent complete: 37.6%; Average loss: 1.3976  
Iteration: 1506; Percent complete: 37.6%; Average loss: 1.8862  
Iteration: 1507; Percent complete: 37.7%; Average loss: 1.4999  
Iteration: 1508; Percent complete: 37.7%; Average loss: 1.7808  
Iteration: 1509; Percent complete: 37.7%; Average loss: 1.6717  
Iteration: 1510; Percent complete: 37.8%; Average loss: 1.7219  
Iteration: 1511; Percent complete: 37.8%; Average loss: 1.8483  
Iteration: 1512; Percent complete: 37.8%; Average loss: 2.0008  
Iteration: 1513; Percent complete: 37.8%; Average loss: 1.8548  
Iteration: 1514; Percent complete: 37.9%; Average loss: 1.6437  
Iteration: 1515; Percent complete: 37.9%; Average loss: 1.6600  
Iteration: 1516; Percent complete: 37.9%; Average loss: 1.7001  
Iteration: 1517; Percent complete: 37.9%; Average loss: 1.7443  
Iteration: 1518; Percent complete: 38.0%; Average loss: 1.9950  
Iteration: 1519; Percent complete: 38.0%; Average loss: 2.0031  
Iteration: 1520; Percent complete: 38.0%; Average loss: 1.6723  
Iteration: 1521; Percent complete: 38.0%; Average loss: 1.8889  
Iteration: 1522; Percent complete: 38.0%; Average loss: 1.8233  
Iteration: 1523; Percent complete: 38.1%; Average loss: 1.9092  
Iteration: 1524; Percent complete: 38.1%; Average loss: 1.7632  
Iteration: 1525; Percent complete: 38.1%; Average loss: 1.8315  
Iteration: 1526; Percent complete: 38.1%; Average loss: 1.6114  
Iteration: 1527; Percent complete: 38.2%; Average loss: 1.7158  
Iteration: 1528; Percent complete: 38.2%; Average loss: 1.6087



Iteration: 1528; Percent complete: 38.2%; Average loss: 1.6907  
Iteration: 1529; Percent complete: 38.2%; Average loss: 1.6682  
Iteration: 1530; Percent complete: 38.2%; Average loss: 1.6698  
Iteration: 1531; Percent complete: 38.3%; Average loss: 1.8904  
Iteration: 1532; Percent complete: 38.3%; Average loss: 1.6990  
Iteration: 1533; Percent complete: 38.3%; Average loss: 1.9173  
Iteration: 1534; Percent complete: 38.4%; Average loss: 1.7070  
Iteration: 1535; Percent complete: 38.4%; Average loss: 1.6335  
Iteration: 1536; Percent complete: 38.4%; Average loss: 1.7461  
Iteration: 1537; Percent complete: 38.4%; Average loss: 1.6798  
Iteration: 1538; Percent complete: 38.5%; Average loss: 1.5714  
Iteration: 1539; Percent complete: 38.5%; Average loss: 1.7158  
Iteration: 1540; Percent complete: 38.5%; Average loss: 1.9044  
Iteration: 1541; Percent complete: 38.5%; Average loss: 1.9563  
Iteration: 1542; Percent complete: 38.6%; Average loss: 1.7537  
Iteration: 1543; Percent complete: 38.6%; Average loss: 1.7829  
Iteration: 1544; Percent complete: 38.6%; Average loss: 1.7434  
Iteration: 1545; Percent complete: 38.6%; Average loss: 1.8236  
Iteration: 1546; Percent complete: 38.6%; Average loss: 1.6484  
Iteration: 1547; Percent complete: 38.7%; Average loss: 1.8635  
Iteration: 1548; Percent complete: 38.7%; Average loss: 1.9593  
Iteration: 1549; Percent complete: 38.7%; Average loss: 1.6837  
Iteration: 1550; Percent complete: 38.8%; Average loss: 1.5931  
Iteration: 1551; Percent complete: 38.8%; Average loss: 1.9310  
Iteration: 1552; Percent complete: 38.8%; Average loss: 1.8283  
Iteration: 1553; Percent complete: 38.8%; Average loss: 2.0692  
Iteration: 1554; Percent complete: 38.9%; Average loss: 1.7556  
Iteration: 1555; Percent complete: 38.9%; Average loss: 1.8170  
Iteration: 1556; Percent complete: 38.9%; Average loss: 1.7832  
Iteration: 1557; Percent complete: 38.9%; Average loss: 1.8119  
Iteration: 1558; Percent complete: 39.0%; Average loss: 1.7274  
Iteration: 1559; Percent complete: 39.0%; Average loss: 1.8799  
Iteration: 1560; Percent complete: 39.0%; Average loss: 1.8069  
Iteration: 1561; Percent complete: 39.0%; Average loss: 1.7221  
Iteration: 1562; Percent complete: 39.1%; Average loss: 1.9822  
Iteration: 1563; Percent complete: 39.1%; Average loss: 1.7307  
Iteration: 1564; Percent complete: 39.1%; Average loss: 1.7889  
Iteration: 1565; Percent complete: 39.1%; Average loss: 1.7601  
Iteration: 1566; Percent complete: 39.1%; Average loss: 1.8527  
Iteration: 1567; Percent complete: 39.2%; Average loss: 1.6949  
Iteration: 1568; Percent complete: 39.2%; Average loss: 1.9427  
Iteration: 1569; Percent complete: 39.2%; Average loss: 1.7439  
Iteration: 1570; Percent complete: 39.2%; Average loss: 1.7445  
Iteration: 1571; Percent complete: 39.3%; Average loss: 1.7136  
Iteration: 1572; Percent complete: 39.3%; Average loss: 1.9874  
Iteration: 1573; Percent complete: 39.3%; Average loss: 1.7736  
Iteration: 1574; Percent complete: 39.4%; Average loss: 1.5644  
Iteration: 1575; Percent complete: 39.4%; Average loss: 1.8615  
Iteration: 1576; Percent complete: 39.4%; Average loss: 1.6221  
Iteration: 1577; Percent complete: 39.4%; Average loss: 1.7657  
Iteration: 1578; Percent complete: 39.5%; Average loss: 1.9227  
Iteration: 1579; Percent complete: 39.5%; Average loss: 1.7488  
Iteration: 1580; Percent complete: 39.5%; Average loss: 1.9087  
Iteration: 1581; Percent complete: 39.5%; Average loss: 1.6754  
Iteration: 1582; Percent complete: 39.6%; Average loss: 1.7033  
Iteration: 1583; Percent complete: 39.6%; Average loss: 1.8066  
Iteration: 1584; Percent complete: 39.6%; Average loss: 1.7104  
Iteration: 1585; Percent complete: 39.6%; Average loss: 1.6877  
Iteration: 1586; Percent complete: 39.6%; Average loss: 1.8814  
Iteration: 1587; Percent complete: 39.7%; Average loss: 1.7403  
Iteration: 1588; Percent complete: 39.7%; Average loss: 1.6497  
Iteration: 1589; Percent complete: 39.7%; Average loss: 1.8438  
Iteration: 1590; Percent complete: 39.8%; Average loss: 1.8844  
Iteration: 1591; Percent complete: 39.8%; Average loss: 1.8194  
Iteration: 1592; Percent complete: 39.8%; Average loss: 1.7807  
Iteration: 1593; Percent complete: 39.8%; Average loss: 1.6902  
Iteration: 1594; Percent complete: 39.9%; Average loss: 1.8391  
Iteration: 1595; Percent complete: 39.9%; Average loss: 1.6447  
Iteration: 1596; Percent complete: 39.9%; Average loss: 1.7986  
Iteration: 1597; Percent complete: 39.9%; Average loss: 1.9112  
Iteration: 1598; Percent complete: 40.0%; Average loss: 1.8853  
Iteration: 1599; Percent complete: 40.0%; Average loss: 1.8555  
Iteration: 1600; Percent complete: 40.0%; Average loss: 1.5828  
Iteration: 1601; Percent complete: 40.0%; Average loss: 1.8190  
Iteration: 1602; Percent complete: 40.1%; Average loss: 1.6893  
Iteration: 1603; Percent complete: 40.1%; Average loss: 1.6473  
Iteration: 1604; Percent complete: 40.1%; Average loss: 1.9162  
Iteration: 1605; Percent complete: 40.1%; Average loss: 1.7456  
Iteration: 1606; Percent complete: 40.2%; Average loss: 1.9236  
Iteration: 1607; Percent complete: 40.2%; Average loss: 1.7278  
Iteration: 1608; Percent complete: 40.2%; Average loss: 1.6671  
Iteration: 1609; Percent complete: 40.2%; Average loss: 1.8975  
Iteration: 1610; Percent complete: 40.2%; Average loss: 1.7873  
Iteration: 1611; Percent complete: 40.3%; Average loss: 1.6797  
Iteration: 1612; Percent complete: 40.3%; Average loss: 2.1564  
Iteration: 1613; Percent complete: 40.3%; Average loss: 1.6438  
Iteration: 1614; Percent complete: 40.4%; Average loss: 1.7514  
Iteration: 1615; Percent complete: 40.4%; Average loss: 1.6350  
Iteration: 1616; Percent complete: 40.4%; Average loss: 1.9577  
Iteration: 1617; Percent complete: 40.4%; Average loss: 1.8514  
Iteration: 1618; Percent complete: 40.5%; Average loss: 1.6941  
Iteration: 1619; Percent complete: 40.5%; Average loss: 1.7616

Iteration: 1620; Percent complete: 40.5%; Average loss: 1.7662  
Iteration: 1621; Percent complete: 40.5%; Average loss: 1.8894  
Iteration: 1622; Percent complete: 40.6%; Average loss: 1.7253  
Iteration: 1623; Percent complete: 40.6%; Average loss: 1.7117  
Iteration: 1624; Percent complete: 40.6%; Average loss: 1.8427  
Iteration: 1625; Percent complete: 40.6%; Average loss: 1.7385  
Iteration: 1626; Percent complete: 40.6%; Average loss: 1.5179  
Iteration: 1627; Percent complete: 40.7%; Average loss: 1.6064  
Iteration: 1628; Percent complete: 40.7%; Average loss: 1.6826  
Iteration: 1629; Percent complete: 40.7%; Average loss: 1.8756  
Iteration: 1630; Percent complete: 40.8%; Average loss: 1.9943  
Iteration: 1631; Percent complete: 40.8%; Average loss: 1.7048  
Iteration: 1632; Percent complete: 40.8%; Average loss: 1.8083  
Iteration: 1633; Percent complete: 40.8%; Average loss: 1.9354  
Iteration: 1634; Percent complete: 40.8%; Average loss: 1.8641  
Iteration: 1635; Percent complete: 40.9%; Average loss: 1.8112  
Iteration: 1636; Percent complete: 40.9%; Average loss: 1.6286  
Iteration: 1637; Percent complete: 40.9%; Average loss: 1.6697  
Iteration: 1638; Percent complete: 40.9%; Average loss: 2.0528  
Iteration: 1639; Percent complete: 41.0%; Average loss: 1.8729  
Iteration: 1640; Percent complete: 41.0%; Average loss: 1.5706  
Iteration: 1641; Percent complete: 41.0%; Average loss: 1.7632  
Iteration: 1642; Percent complete: 41.0%; Average loss: 1.7518  
Iteration: 1643; Percent complete: 41.1%; Average loss: 1.6442  
Iteration: 1644; Percent complete: 41.1%; Average loss: 1.6740  
Iteration: 1645; Percent complete: 41.1%; Average loss: 1.8243  
Iteration: 1646; Percent complete: 41.1%; Average loss: 1.5897  
Iteration: 1647; Percent complete: 41.2%; Average loss: 2.2098  
Iteration: 1648; Percent complete: 41.2%; Average loss: 1.8351  
Iteration: 1649; Percent complete: 41.2%; Average loss: 1.5695  
Iteration: 1650; Percent complete: 41.2%; Average loss: 1.7521  
Iteration: 1651; Percent complete: 41.3%; Average loss: 1.6061  
Iteration: 1652; Percent complete: 41.3%; Average loss: 1.6020  
Iteration: 1653; Percent complete: 41.3%; Average loss: 1.8698  
Iteration: 1654; Percent complete: 41.3%; Average loss: 1.5511  
Iteration: 1655; Percent complete: 41.4%; Average loss: 1.8066  
Iteration: 1656; Percent complete: 41.4%; Average loss: 1.8106  
Iteration: 1657; Percent complete: 41.4%; Average loss: 1.7754  
Iteration: 1658; Percent complete: 41.4%; Average loss: 1.9219  
Iteration: 1659; Percent complete: 41.5%; Average loss: 2.0304  
Iteration: 1660; Percent complete: 41.5%; Average loss: 1.7287  
Iteration: 1661; Percent complete: 41.5%; Average loss: 1.8214  
Iteration: 1662; Percent complete: 41.5%; Average loss: 1.7454  
Iteration: 1663; Percent complete: 41.6%; Average loss: 1.8069  
Iteration: 1664; Percent complete: 41.6%; Average loss: 1.6061  
Iteration: 1665; Percent complete: 41.6%; Average loss: 1.4236  
Iteration: 1666; Percent complete: 41.6%; Average loss: 1.8915  
Iteration: 1667; Percent complete: 41.7%; Average loss: 1.9486  
Iteration: 1668; Percent complete: 41.7%; Average loss: 1.7577  
Iteration: 1669; Percent complete: 41.7%; Average loss: 1.8223  
Iteration: 1670; Percent complete: 41.8%; Average loss: 1.7948  
Iteration: 1671; Percent complete: 41.8%; Average loss: 1.7572  
Iteration: 1672; Percent complete: 41.8%; Average loss: 1.7324  
Iteration: 1673; Percent complete: 41.8%; Average loss: 1.7271  
Iteration: 1674; Percent complete: 41.9%; Average loss: 1.8450  
Iteration: 1675; Percent complete: 41.9%; Average loss: 1.9225  
Iteration: 1676; Percent complete: 41.9%; Average loss: 1.8466  
Iteration: 1677; Percent complete: 41.9%; Average loss: 1.6717  
Iteration: 1678; Percent complete: 41.9%; Average loss: 1.5779  
Iteration: 1679; Percent complete: 42.0%; Average loss: 1.8588  
Iteration: 1680; Percent complete: 42.0%; Average loss: 1.8436  
Iteration: 1681; Percent complete: 42.0%; Average loss: 1.7693  
Iteration: 1682; Percent complete: 42.0%; Average loss: 1.8931  
Iteration: 1683; Percent complete: 42.1%; Average loss: 1.8420  
Iteration: 1684; Percent complete: 42.1%; Average loss: 1.8106  
Iteration: 1685; Percent complete: 42.1%; Average loss: 1.8569  
Iteration: 1686; Percent complete: 42.1%; Average loss: 1.7538  
Iteration: 1687; Percent complete: 42.2%; Average loss: 1.7542  
Iteration: 1688; Percent complete: 42.2%; Average loss: 1.6439  
Iteration: 1689; Percent complete: 42.2%; Average loss: 1.8308  
Iteration: 1690; Percent complete: 42.2%; Average loss: 1.7807  
Iteration: 1691; Percent complete: 42.3%; Average loss: 1.7271  
Iteration: 1692; Percent complete: 42.3%; Average loss: 1.7691  
Iteration: 1693; Percent complete: 42.3%; Average loss: 1.6272  
Iteration: 1694; Percent complete: 42.4%; Average loss: 1.8369  
Iteration: 1695; Percent complete: 42.4%; Average loss: 1.9090  
Iteration: 1696; Percent complete: 42.4%; Average loss: 1.7394  
Iteration: 1697; Percent complete: 42.4%; Average loss: 1.7022  
Iteration: 1698; Percent complete: 42.4%; Average loss: 1.8823  
Iteration: 1699; Percent complete: 42.5%; Average loss: 1.8295  
Iteration: 1700; Percent complete: 42.5%; Average loss: 1.5486  
Iteration: 1701; Percent complete: 42.5%; Average loss: 1.8319  
Iteration: 1702; Percent complete: 42.5%; Average loss: 1.7090  
Iteration: 1703; Percent complete: 42.6%; Average loss: 1.7688  
Iteration: 1704; Percent complete: 42.6%; Average loss: 1.6348  
Iteration: 1705; Percent complete: 42.6%; Average loss: 1.8691  
Iteration: 1706; Percent complete: 42.6%; Average loss: 1.9259  
Iteration: 1707; Percent complete: 42.7%; Average loss: 1.6326  
Iteration: 1708; Percent complete: 42.7%; Average loss: 1.8724  
Iteration: 1709; Percent complete: 42.7%; Average loss: 1.7567  
Iteration: 1710; Percent complete: 42.8%; Average loss: 1.5565

Iteration: 1711; Percent complete: 42.8%; Average loss: 1.7883  
Iteration: 1712; Percent complete: 42.8%; Average loss: 1.7326  
Iteration: 1713; Percent complete: 42.8%; Average loss: 1.9665  
Iteration: 1714; Percent complete: 42.9%; Average loss: 2.0718  
Iteration: 1715; Percent complete: 42.9%; Average loss: 1.8336  
Iteration: 1716; Percent complete: 42.9%; Average loss: 1.7527  
Iteration: 1717; Percent complete: 42.9%; Average loss: 1.8762  
Iteration: 1718; Percent complete: 43.0%; Average loss: 1.6926  
Iteration: 1719; Percent complete: 43.0%; Average loss: 2.0255  
Iteration: 1720; Percent complete: 43.0%; Average loss: 1.7575  
Iteration: 1721; Percent complete: 43.0%; Average loss: 1.8283  
Iteration: 1722; Percent complete: 43.0%; Average loss: 1.8132  
Iteration: 1723; Percent complete: 43.1%; Average loss: 1.7908  
Iteration: 1724; Percent complete: 43.1%; Average loss: 1.8141  
Iteration: 1725; Percent complete: 43.1%; Average loss: 1.7073  
Iteration: 1726; Percent complete: 43.1%; Average loss: 1.8382  
Iteration: 1727; Percent complete: 43.2%; Average loss: 1.5872  
Iteration: 1728; Percent complete: 43.2%; Average loss: 1.7450  
Iteration: 1729; Percent complete: 43.2%; Average loss: 1.6106  
Iteration: 1730; Percent complete: 43.2%; Average loss: 2.1100  
Iteration: 1731; Percent complete: 43.3%; Average loss: 1.9138  
Iteration: 1732; Percent complete: 43.3%; Average loss: 1.7197  
Iteration: 1733; Percent complete: 43.3%; Average loss: 1.8847  
Iteration: 1734; Percent complete: 43.4%; Average loss: 1.7616  
Iteration: 1735; Percent complete: 43.4%; Average loss: 1.8697  
Iteration: 1736; Percent complete: 43.4%; Average loss: 1.7786  
Iteration: 1737; Percent complete: 43.4%; Average loss: 2.0047  
Iteration: 1738; Percent complete: 43.5%; Average loss: 1.8277  
Iteration: 1739; Percent complete: 43.5%; Average loss: 1.8011  
Iteration: 1740; Percent complete: 43.5%; Average loss: 1.8773  
Iteration: 1741; Percent complete: 43.5%; Average loss: 1.8335  
Iteration: 1742; Percent complete: 43.5%; Average loss: 1.6667  
Iteration: 1743; Percent complete: 43.6%; Average loss: 1.8020  
Iteration: 1744; Percent complete: 43.6%; Average loss: 1.6641  
Iteration: 1745; Percent complete: 43.6%; Average loss: 1.7339  
Iteration: 1746; Percent complete: 43.6%; Average loss: 1.3912  
Iteration: 1747; Percent complete: 43.7%; Average loss: 1.8155  
Iteration: 1748; Percent complete: 43.7%; Average loss: 1.7485  
Iteration: 1749; Percent complete: 43.7%; Average loss: 1.7260  
Iteration: 1750; Percent complete: 43.8%; Average loss: 1.8700  
Iteration: 1751; Percent complete: 43.8%; Average loss: 1.6796  
Iteration: 1752; Percent complete: 43.8%; Average loss: 1.6652  
Iteration: 1753; Percent complete: 43.8%; Average loss: 1.6235  
Iteration: 1754; Percent complete: 43.9%; Average loss: 1.7554  
Iteration: 1755; Percent complete: 43.9%; Average loss: 1.9227  
Iteration: 1756; Percent complete: 43.9%; Average loss: 1.6733  
Iteration: 1757; Percent complete: 43.9%; Average loss: 1.8519  
Iteration: 1758; Percent complete: 44.0%; Average loss: 1.7378  
Iteration: 1759; Percent complete: 44.0%; Average loss: 1.8160  
Iteration: 1760; Percent complete: 44.0%; Average loss: 1.8459  
Iteration: 1761; Percent complete: 44.0%; Average loss: 1.6576  
Iteration: 1762; Percent complete: 44.0%; Average loss: 1.9246  
Iteration: 1763; Percent complete: 44.1%; Average loss: 2.0804  
Iteration: 1764; Percent complete: 44.1%; Average loss: 1.5403  
Iteration: 1765; Percent complete: 44.1%; Average loss: 1.7586  
Iteration: 1766; Percent complete: 44.1%; Average loss: 1.6521  
Iteration: 1767; Percent complete: 44.2%; Average loss: 1.6543  
Iteration: 1768; Percent complete: 44.2%; Average loss: 2.0315  
Iteration: 1769; Percent complete: 44.2%; Average loss: 1.7515  
Iteration: 1770; Percent complete: 44.2%; Average loss: 1.5998  
Iteration: 1771; Percent complete: 44.3%; Average loss: 1.5586  
Iteration: 1772; Percent complete: 44.3%; Average loss: 1.6994  
Iteration: 1773; Percent complete: 44.3%; Average loss: 1.7347  
Iteration: 1774; Percent complete: 44.4%; Average loss: 1.9096  
Iteration: 1775; Percent complete: 44.4%; Average loss: 1.5687  
Iteration: 1776; Percent complete: 44.4%; Average loss: 1.8336  
Iteration: 1777; Percent complete: 44.4%; Average loss: 1.6585  
Iteration: 1778; Percent complete: 44.5%; Average loss: 1.7313  
Iteration: 1779; Percent complete: 44.5%; Average loss: 1.6653  
Iteration: 1780; Percent complete: 44.5%; Average loss: 1.8613  
Iteration: 1781; Percent complete: 44.5%; Average loss: 1.6466  
Iteration: 1782; Percent complete: 44.5%; Average loss: 1.8497  
Iteration: 1783; Percent complete: 44.6%; Average loss: 1.9008  
Iteration: 1784; Percent complete: 44.6%; Average loss: 1.8584  
Iteration: 1785; Percent complete: 44.6%; Average loss: 1.8178  
Iteration: 1786; Percent complete: 44.6%; Average loss: 1.9346  
Iteration: 1787; Percent complete: 44.7%; Average loss: 1.6401  
Iteration: 1788; Percent complete: 44.7%; Average loss: 1.6693  
Iteration: 1789; Percent complete: 44.7%; Average loss: 1.7084  
Iteration: 1790; Percent complete: 44.8%; Average loss: 1.8420  
Iteration: 1791; Percent complete: 44.8%; Average loss: 1.7116  
Iteration: 1792; Percent complete: 44.8%; Average loss: 2.0092  
Iteration: 1793; Percent complete: 44.8%; Average loss: 1.6336  
Iteration: 1794; Percent complete: 44.9%; Average loss: 1.7038  
Iteration: 1795; Percent complete: 44.9%; Average loss: 1.9063  
Iteration: 1796; Percent complete: 44.9%; Average loss: 1.6601  
Iteration: 1797; Percent complete: 44.9%; Average loss: 1.8659  
Iteration: 1798; Percent complete: 45.0%; Average loss: 1.8340  
Iteration: 1799; Percent complete: 45.0%; Average loss: 1.8181  
Iteration: 1800; Percent complete: 45.0%; Average loss: 1.7493  
Iteration: 1801; Percent complete: 45.0%; Average loss: 1.6810

Iteration: 1802; Percent complete: 45.1%; Average loss: 1.8976  
Iteration: 1803; Percent complete: 45.1%; Average loss: 1.7757  
Iteration: 1804; Percent complete: 45.1%; Average loss: 1.9356  
Iteration: 1805; Percent complete: 45.1%; Average loss: 1.7030  
Iteration: 1806; Percent complete: 45.1%; Average loss: 1.6098  
Iteration: 1807; Percent complete: 45.2%; Average loss: 1.6769  
Iteration: 1808; Percent complete: 45.2%; Average loss: 1.8223  
Iteration: 1809; Percent complete: 45.2%; Average loss: 1.8407  
Iteration: 1810; Percent complete: 45.2%; Average loss: 1.6670  
Iteration: 1811; Percent complete: 45.3%; Average loss: 1.9254  
Iteration: 1812; Percent complete: 45.3%; Average loss: 1.7599  
Iteration: 1813; Percent complete: 45.3%; Average loss: 1.6954  
Iteration: 1814; Percent complete: 45.4%; Average loss: 1.9474  
Iteration: 1815; Percent complete: 45.4%; Average loss: 1.7236  
Iteration: 1816; Percent complete: 45.4%; Average loss: 1.7743  
Iteration: 1817; Percent complete: 45.4%; Average loss: 1.8631  
Iteration: 1818; Percent complete: 45.5%; Average loss: 1.7397  
Iteration: 1819; Percent complete: 45.5%; Average loss: 1.6883  
Iteration: 1820; Percent complete: 45.5%; Average loss: 1.9592  
Iteration: 1821; Percent complete: 45.5%; Average loss: 1.8243  
Iteration: 1822; Percent complete: 45.6%; Average loss: 1.8483  
Iteration: 1823; Percent complete: 45.6%; Average loss: 1.7925  
Iteration: 1824; Percent complete: 45.6%; Average loss: 2.1173  
Iteration: 1825; Percent complete: 45.6%; Average loss: 1.7239  
Iteration: 1826; Percent complete: 45.6%; Average loss: 1.5317  
Iteration: 1827; Percent complete: 45.7%; Average loss: 1.6631  
Iteration: 1828; Percent complete: 45.7%; Average loss: 1.6953  
Iteration: 1829; Percent complete: 45.7%; Average loss: 1.7321  
Iteration: 1830; Percent complete: 45.8%; Average loss: 1.7682  
Iteration: 1831; Percent complete: 45.8%; Average loss: 1.6576  
Iteration: 1832; Percent complete: 45.8%; Average loss: 1.7677  
Iteration: 1833; Percent complete: 45.8%; Average loss: 1.8073  
Iteration: 1834; Percent complete: 45.9%; Average loss: 1.9314  
Iteration: 1835; Percent complete: 45.9%; Average loss: 1.7973  
Iteration: 1836; Percent complete: 45.9%; Average loss: 1.7145  
Iteration: 1837; Percent complete: 45.9%; Average loss: 1.6580  
Iteration: 1838; Percent complete: 46.0%; Average loss: 1.6834  
Iteration: 1839; Percent complete: 46.0%; Average loss: 1.8817  
Iteration: 1840; Percent complete: 46.0%; Average loss: 1.5896  
Iteration: 1841; Percent complete: 46.0%; Average loss: 1.8817  
Iteration: 1842; Percent complete: 46.1%; Average loss: 1.9186  
Iteration: 1843; Percent complete: 46.1%; Average loss: 1.6446  
Iteration: 1844; Percent complete: 46.1%; Average loss: 1.7850  
Iteration: 1845; Percent complete: 46.1%; Average loss: 1.7824  
Iteration: 1846; Percent complete: 46.2%; Average loss: 2.0328  
Iteration: 1847; Percent complete: 46.2%; Average loss: 1.8906  
Iteration: 1848; Percent complete: 46.2%; Average loss: 1.7699  
Iteration: 1849; Percent complete: 46.2%; Average loss: 1.6518  
Iteration: 1850; Percent complete: 46.2%; Average loss: 1.7452  
Iteration: 1851; Percent complete: 46.3%; Average loss: 1.7799  
Iteration: 1852; Percent complete: 46.3%; Average loss: 1.8800  
Iteration: 1853; Percent complete: 46.3%; Average loss: 1.7097  
Iteration: 1854; Percent complete: 46.4%; Average loss: 1.7324  
Iteration: 1855; Percent complete: 46.4%; Average loss: 1.7266  
Iteration: 1856; Percent complete: 46.4%; Average loss: 1.9008  
Iteration: 1857; Percent complete: 46.4%; Average loss: 1.5462  
Iteration: 1858; Percent complete: 46.5%; Average loss: 1.7791  
Iteration: 1859; Percent complete: 46.5%; Average loss: 1.9063  
Iteration: 1860; Percent complete: 46.5%; Average loss: 1.8091  
Iteration: 1861; Percent complete: 46.5%; Average loss: 1.6304  
Iteration: 1862; Percent complete: 46.6%; Average loss: 1.7385  
Iteration: 1863; Percent complete: 46.6%; Average loss: 1.6077  
Iteration: 1864; Percent complete: 46.6%; Average loss: 1.7993  
Iteration: 1865; Percent complete: 46.6%; Average loss: 1.6464  
Iteration: 1866; Percent complete: 46.7%; Average loss: 1.8025  
Iteration: 1867; Percent complete: 46.7%; Average loss: 1.7067  
Iteration: 1868; Percent complete: 46.7%; Average loss: 2.0265  
Iteration: 1869; Percent complete: 46.7%; Average loss: 1.7696  
Iteration: 1870; Percent complete: 46.8%; Average loss: 1.9319  
Iteration: 1871; Percent complete: 46.8%; Average loss: 1.7654  
Iteration: 1872; Percent complete: 46.8%; Average loss: 1.9863  
Iteration: 1873; Percent complete: 46.8%; Average loss: 1.8537  
Iteration: 1874; Percent complete: 46.9%; Average loss: 1.6916  
Iteration: 1875; Percent complete: 46.9%; Average loss: 1.8358  
Iteration: 1876; Percent complete: 46.9%; Average loss: 1.7590  
Iteration: 1877; Percent complete: 46.9%; Average loss: 1.7664  
Iteration: 1878; Percent complete: 46.9%; Average loss: 1.8362  
Iteration: 1879; Percent complete: 47.0%; Average loss: 2.0017  
Iteration: 1880; Percent complete: 47.0%; Average loss: 1.9976  
Iteration: 1881; Percent complete: 47.0%; Average loss: 1.7239  
Iteration: 1882; Percent complete: 47.0%; Average loss: 1.8232  
Iteration: 1883; Percent complete: 47.1%; Average loss: 1.8944  
Iteration: 1884; Percent complete: 47.1%; Average loss: 1.7208  
Iteration: 1885; Percent complete: 47.1%; Average loss: 1.9096  
Iteration: 1886; Percent complete: 47.1%; Average loss: 1.7476  
Iteration: 1887; Percent complete: 47.2%; Average loss: 1.9793  
Iteration: 1888; Percent complete: 47.2%; Average loss: 1.6009  
Iteration: 1889; Percent complete: 47.2%; Average loss: 1.9301  
Iteration: 1890; Percent complete: 47.2%; Average loss: 1.8665  
Iteration: 1891; Percent complete: 47.3%; Average loss: 1.8396  
Iteration: 1892; Percent complete: 47.3%; Average loss: 1.9553  
Iteration: 1893; Percent complete: 47.3%; Average loss: 1.7051

Iteration: 1893; Percent complete: 47.5%; Average loss: 1.7851  
Iteration: 1894; Percent complete: 47.3%; Average loss: 1.8407  
Iteration: 1895; Percent complete: 47.4%; Average loss: 1.9143  
Iteration: 1896; Percent complete: 47.4%; Average loss: 1.7693  
Iteration: 1897; Percent complete: 47.4%; Average loss: 1.7165  
Iteration: 1898; Percent complete: 47.4%; Average loss: 1.6118  
Iteration: 1899; Percent complete: 47.5%; Average loss: 1.6426  
Iteration: 1900; Percent complete: 47.5%; Average loss: 1.8804  
Iteration: 1901; Percent complete: 47.5%; Average loss: 1.7082  
Iteration: 1902; Percent complete: 47.5%; Average loss: 1.6841  
Iteration: 1903; Percent complete: 47.6%; Average loss: 1.8096  
Iteration: 1904; Percent complete: 47.6%; Average loss: 1.6889  
Iteration: 1905; Percent complete: 47.6%; Average loss: 1.9476  
Iteration: 1906; Percent complete: 47.6%; Average loss: 1.7320  
Iteration: 1907; Percent complete: 47.7%; Average loss: 1.8338  
Iteration: 1908; Percent complete: 47.7%; Average loss: 1.6738  
Iteration: 1909; Percent complete: 47.7%; Average loss: 1.7738  
Iteration: 1910; Percent complete: 47.8%; Average loss: 1.9900  
Iteration: 1911; Percent complete: 47.8%; Average loss: 1.8859  
Iteration: 1912; Percent complete: 47.8%; Average loss: 1.8043  
Iteration: 1913; Percent complete: 47.8%; Average loss: 1.6670  
Iteration: 1914; Percent complete: 47.9%; Average loss: 1.7530  
Iteration: 1915; Percent complete: 47.9%; Average loss: 1.7401  
Iteration: 1916; Percent complete: 47.9%; Average loss: 1.6905  
Iteration: 1917; Percent complete: 47.9%; Average loss: 1.8212  
Iteration: 1918; Percent complete: 47.9%; Average loss: 1.8584  
Iteration: 1919; Percent complete: 48.0%; Average loss: 1.8543  
Iteration: 1920; Percent complete: 48.0%; Average loss: 1.8845  
Iteration: 1921; Percent complete: 48.0%; Average loss: 1.8866  
Iteration: 1922; Percent complete: 48.0%; Average loss: 1.7347  
Iteration: 1923; Percent complete: 48.1%; Average loss: 1.8039  
Iteration: 1924; Percent complete: 48.1%; Average loss: 1.7261  
Iteration: 1925; Percent complete: 48.1%; Average loss: 1.7463  
Iteration: 1926; Percent complete: 48.1%; Average loss: 1.6714  
Iteration: 1927; Percent complete: 48.2%; Average loss: 1.8105  
Iteration: 1928; Percent complete: 48.2%; Average loss: 1.8156  
Iteration: 1929; Percent complete: 48.2%; Average loss: 1.9519  
Iteration: 1930; Percent complete: 48.2%; Average loss: 1.6984  
Iteration: 1931; Percent complete: 48.3%; Average loss: 1.6899  
Iteration: 1932; Percent complete: 48.3%; Average loss: 1.6518  
Iteration: 1933; Percent complete: 48.3%; Average loss: 1.6754  
Iteration: 1934; Percent complete: 48.4%; Average loss: 1.6877  
Iteration: 1935; Percent complete: 48.4%; Average loss: 1.7781  
Iteration: 1936; Percent complete: 48.4%; Average loss: 1.6680  
Iteration: 1937; Percent complete: 48.4%; Average loss: 1.6704  
Iteration: 1938; Percent complete: 48.4%; Average loss: 1.8484  
Iteration: 1939; Percent complete: 48.5%; Average loss: 1.5850  
Iteration: 1940; Percent complete: 48.5%; Average loss: 1.6251  
Iteration: 1941; Percent complete: 48.5%; Average loss: 1.9107  
Iteration: 1942; Percent complete: 48.5%; Average loss: 1.7058  
Iteration: 1943; Percent complete: 48.6%; Average loss: 1.9744  
Iteration: 1944; Percent complete: 48.6%; Average loss: 1.6963  
Iteration: 1945; Percent complete: 48.6%; Average loss: 1.9932  
Iteration: 1946; Percent complete: 48.6%; Average loss: 1.7538  
Iteration: 1947; Percent complete: 48.7%; Average loss: 2.1234  
Iteration: 1948; Percent complete: 48.7%; Average loss: 1.7052  
Iteration: 1949; Percent complete: 48.7%; Average loss: 1.7843  
Iteration: 1950; Percent complete: 48.8%; Average loss: 1.7396  
Iteration: 1951; Percent complete: 48.8%; Average loss: 1.7942  
Iteration: 1952; Percent complete: 48.8%; Average loss: 1.7636  
Iteration: 1953; Percent complete: 48.8%; Average loss: 1.8055  
Iteration: 1954; Percent complete: 48.9%; Average loss: 1.8304  
Iteration: 1955; Percent complete: 48.9%; Average loss: 1.7946  
Iteration: 1956; Percent complete: 48.9%; Average loss: 1.6590  
Iteration: 1957; Percent complete: 48.9%; Average loss: 2.0005  
Iteration: 1958; Percent complete: 48.9%; Average loss: 1.7664  
Iteration: 1959; Percent complete: 49.0%; Average loss: 1.7562  
Iteration: 1960; Percent complete: 49.0%; Average loss: 1.6719  
Iteration: 1961; Percent complete: 49.0%; Average loss: 1.8591  
Iteration: 1962; Percent complete: 49.0%; Average loss: 1.7726  
Iteration: 1963; Percent complete: 49.1%; Average loss: 1.6645  
Iteration: 1964; Percent complete: 49.1%; Average loss: 2.0189  
Iteration: 1965; Percent complete: 49.1%; Average loss: 1.7272  
Iteration: 1966; Percent complete: 49.1%; Average loss: 1.7180  
Iteration: 1967; Percent complete: 49.2%; Average loss: 1.7500  
Iteration: 1968; Percent complete: 49.2%; Average loss: 1.9193  
Iteration: 1969; Percent complete: 49.2%; Average loss: 1.6447  
Iteration: 1970; Percent complete: 49.2%; Average loss: 1.9419  
Iteration: 1971; Percent complete: 49.3%; Average loss: 1.5342  
Iteration: 1972; Percent complete: 49.3%; Average loss: 1.8203  
Iteration: 1973; Percent complete: 49.3%; Average loss: 1.9896  
Iteration: 1974; Percent complete: 49.4%; Average loss: 1.8224  
Iteration: 1975; Percent complete: 49.4%; Average loss: 1.7632  
Iteration: 1976; Percent complete: 49.4%; Average loss: 1.7584  
Iteration: 1977; Percent complete: 49.4%; Average loss: 1.6572  
Iteration: 1978; Percent complete: 49.5%; Average loss: 1.8295  
Iteration: 1979; Percent complete: 49.5%; Average loss: 1.8171  
Iteration: 1980; Percent complete: 49.5%; Average loss: 1.7702  
Iteration: 1981; Percent complete: 49.5%; Average loss: 1.9197  
Iteration: 1982; Percent complete: 49.5%; Average loss: 1.6236  
Iteration: 1983; Percent complete: 49.6%; Average loss: 1.4914  
Iteration: 1984; Percent complete: 49.6%; Average loss: 1.9579

Iteration: 1985; Percent complete: 49.6%; Average loss: 1.6397  
Iteration: 1986; Percent complete: 49.6%; Average loss: 1.8362  
Iteration: 1987; Percent complete: 49.7%; Average loss: 1.8618  
Iteration: 1988; Percent complete: 49.7%; Average loss: 1.9370  
Iteration: 1989; Percent complete: 49.7%; Average loss: 1.7568  
Iteration: 1990; Percent complete: 49.8%; Average loss: 1.8101  
Iteration: 1991; Percent complete: 49.8%; Average loss: 1.8155  
Iteration: 1992; Percent complete: 49.8%; Average loss: 1.7745  
Iteration: 1993; Percent complete: 49.8%; Average loss: 1.6536  
Iteration: 1994; Percent complete: 49.9%; Average loss: 1.8682  
Iteration: 1995; Percent complete: 49.9%; Average loss: 1.7563  
Iteration: 1996; Percent complete: 49.9%; Average loss: 1.7933  
Iteration: 1997; Percent complete: 49.9%; Average loss: 2.1028  
Iteration: 1998; Percent complete: 50.0%; Average loss: 1.8084  
Iteration: 1999; Percent complete: 50.0%; Average loss: 1.7562  
Iteration: 2000; Percent complete: 50.0%; Average loss: 1.8670  
Iteration: 2001; Percent complete: 50.0%; Average loss: 2.0153  
Iteration: 2002; Percent complete: 50.0%; Average loss: 2.0622  
Iteration: 2003; Percent complete: 50.1%; Average loss: 1.8402  
Iteration: 2004; Percent complete: 50.1%; Average loss: 1.6457  
Iteration: 2005; Percent complete: 50.1%; Average loss: 1.8421  
Iteration: 2006; Percent complete: 50.1%; Average loss: 1.7096  
Iteration: 2007; Percent complete: 50.2%; Average loss: 1.8055  
Iteration: 2008; Percent complete: 50.2%; Average loss: 1.6846  
Iteration: 2009; Percent complete: 50.2%; Average loss: 1.7750  
Iteration: 2010; Percent complete: 50.2%; Average loss: 2.1257  
Iteration: 2011; Percent complete: 50.3%; Average loss: 1.8249  
Iteration: 2012; Percent complete: 50.3%; Average loss: 1.7451  
Iteration: 2013; Percent complete: 50.3%; Average loss: 2.0517  
Iteration: 2014; Percent complete: 50.3%; Average loss: 1.6660  
Iteration: 2015; Percent complete: 50.4%; Average loss: 1.8595  
Iteration: 2016; Percent complete: 50.4%; Average loss: 1.6397  
Iteration: 2017; Percent complete: 50.4%; Average loss: 1.8011  
Iteration: 2018; Percent complete: 50.4%; Average loss: 1.7165  
Iteration: 2019; Percent complete: 50.5%; Average loss: 1.7846  
Iteration: 2020; Percent complete: 50.5%; Average loss: 1.4260  
Iteration: 2021; Percent complete: 50.5%; Average loss: 1.9448  
Iteration: 2022; Percent complete: 50.5%; Average loss: 1.8897  
Iteration: 2023; Percent complete: 50.6%; Average loss: 1.7320  
Iteration: 2024; Percent complete: 50.6%; Average loss: 1.7395  
Iteration: 2025; Percent complete: 50.6%; Average loss: 1.6208  
Iteration: 2026; Percent complete: 50.6%; Average loss: 1.6928  
Iteration: 2027; Percent complete: 50.7%; Average loss: 1.7636  
Iteration: 2028; Percent complete: 50.7%; Average loss: 2.0835  
Iteration: 2029; Percent complete: 50.7%; Average loss: 1.9709  
Iteration: 2030; Percent complete: 50.7%; Average loss: 1.9139  
Iteration: 2031; Percent complete: 50.8%; Average loss: 1.9162  
Iteration: 2032; Percent complete: 50.8%; Average loss: 1.8115  
Iteration: 2033; Percent complete: 50.8%; Average loss: 1.9504  
Iteration: 2034; Percent complete: 50.8%; Average loss: 1.6387  
Iteration: 2035; Percent complete: 50.9%; Average loss: 1.7952  
Iteration: 2036; Percent complete: 50.9%; Average loss: 1.9491  
Iteration: 2037; Percent complete: 50.9%; Average loss: 1.8486  
Iteration: 2038; Percent complete: 50.9%; Average loss: 1.6871  
Iteration: 2039; Percent complete: 51.0%; Average loss: 1.9458  
Iteration: 2040; Percent complete: 51.0%; Average loss: 1.8430  
Iteration: 2041; Percent complete: 51.0%; Average loss: 1.7788  
Iteration: 2042; Percent complete: 51.0%; Average loss: 1.7057  
Iteration: 2043; Percent complete: 51.1%; Average loss: 1.9336  
Iteration: 2044; Percent complete: 51.1%; Average loss: 1.8031  
Iteration: 2045; Percent complete: 51.1%; Average loss: 1.9682  
Iteration: 2046; Percent complete: 51.1%; Average loss: 1.7238  
Iteration: 2047; Percent complete: 51.2%; Average loss: 2.0441  
Iteration: 2048; Percent complete: 51.2%; Average loss: 1.8402  
Iteration: 2049; Percent complete: 51.2%; Average loss: 1.7992  
Iteration: 2050; Percent complete: 51.2%; Average loss: 1.7619  
Iteration: 2051; Percent complete: 51.3%; Average loss: 1.9549  
Iteration: 2052; Percent complete: 51.3%; Average loss: 1.7356  
Iteration: 2053; Percent complete: 51.3%; Average loss: 1.7820  
Iteration: 2054; Percent complete: 51.3%; Average loss: 1.6498  
Iteration: 2055; Percent complete: 51.4%; Average loss: 1.7993  
Iteration: 2056; Percent complete: 51.4%; Average loss: 1.8664  
Iteration: 2057; Percent complete: 51.4%; Average loss: 1.7812  
Iteration: 2058; Percent complete: 51.4%; Average loss: 1.7513  
Iteration: 2059; Percent complete: 51.5%; Average loss: 1.6415  
Iteration: 2060; Percent complete: 51.5%; Average loss: 1.8518  
Iteration: 2061; Percent complete: 51.5%; Average loss: 2.0770  
Iteration: 2062; Percent complete: 51.5%; Average loss: 1.8021  
Iteration: 2063; Percent complete: 51.6%; Average loss: 1.8121  
Iteration: 2064; Percent complete: 51.6%; Average loss: 1.9702  
Iteration: 2065; Percent complete: 51.6%; Average loss: 1.7230  
Iteration: 2066; Percent complete: 51.6%; Average loss: 1.7179  
Iteration: 2067; Percent complete: 51.7%; Average loss: 1.5970  
Iteration: 2068; Percent complete: 51.7%; Average loss: 1.4442  
Iteration: 2069; Percent complete: 51.7%; Average loss: 1.7152  
Iteration: 2070; Percent complete: 51.7%; Average loss: 1.6577  
Iteration: 2071; Percent complete: 51.8%; Average loss: 1.6545  
Iteration: 2072; Percent complete: 51.8%; Average loss: 1.8686  
Iteration: 2073; Percent complete: 51.8%; Average loss: 1.6874  
Iteration: 2074; Percent complete: 51.8%; Average loss: 1.6787  
Iteration: 2075; Percent complete: 51.9%; Average loss: 1.6130



Iteration: 2167; Percent complete: 54.2%; Average loss: 1.6270  
Iteration: 2168; Percent complete: 54.2%; Average loss: 1.7621  
Iteration: 2169; Percent complete: 54.2%; Average loss: 1.6798  
Iteration: 2170; Percent complete: 54.2%; Average loss: 1.6877  
Iteration: 2171; Percent complete: 54.3%; Average loss: 1.8874  
Iteration: 2172; Percent complete: 54.3%; Average loss: 1.6871  
Iteration: 2173; Percent complete: 54.3%; Average loss: 1.7151  
Iteration: 2174; Percent complete: 54.4%; Average loss: 1.9741  
Iteration: 2175; Percent complete: 54.4%; Average loss: 1.8326  
Iteration: 2176; Percent complete: 54.4%; Average loss: 1.6495  
Iteration: 2177; Percent complete: 54.4%; Average loss: 1.9096  
Iteration: 2178; Percent complete: 54.4%; Average loss: 1.5242  
Iteration: 2179; Percent complete: 54.5%; Average loss: 1.9034  
Iteration: 2180; Percent complete: 54.5%; Average loss: 1.9935  
Iteration: 2181; Percent complete: 54.5%; Average loss: 1.9253  
Iteration: 2182; Percent complete: 54.5%; Average loss: 1.9127  
Iteration: 2183; Percent complete: 54.6%; Average loss: 1.9461  
Iteration: 2184; Percent complete: 54.6%; Average loss: 1.6290  
Iteration: 2185; Percent complete: 54.6%; Average loss: 1.7704  
Iteration: 2186; Percent complete: 54.6%; Average loss: 1.9334  
Iteration: 2187; Percent complete: 54.7%; Average loss: 1.8852  
Iteration: 2188; Percent complete: 54.7%; Average loss: 1.9050  
Iteration: 2189; Percent complete: 54.7%; Average loss: 1.9488  
Iteration: 2190; Percent complete: 54.8%; Average loss: 1.6551  
Iteration: 2191; Percent complete: 54.8%; Average loss: 1.6810  
Iteration: 2192; Percent complete: 54.8%; Average loss: 1.7661  
Iteration: 2193; Percent complete: 54.8%; Average loss: 1.7900  
Iteration: 2194; Percent complete: 54.9%; Average loss: 1.8263  
Iteration: 2195; Percent complete: 54.9%; Average loss: 1.6737  
Iteration: 2196; Percent complete: 54.9%; Average loss: 1.8265  
Iteration: 2197; Percent complete: 54.9%; Average loss: 1.9016  
Iteration: 2198; Percent complete: 54.9%; Average loss: 1.7763  
Iteration: 2199; Percent complete: 55.0%; Average loss: 1.7755  
Iteration: 2200; Percent complete: 55.0%; Average loss: 1.7804  
Iteration: 2201; Percent complete: 55.0%; Average loss: 1.6384  
Iteration: 2202; Percent complete: 55.0%; Average loss: 1.7410  
Iteration: 2203; Percent complete: 55.1%; Average loss: 1.8483  
Iteration: 2204; Percent complete: 55.1%; Average loss: 1.9867  
Iteration: 2205; Percent complete: 55.1%; Average loss: 1.6904  
Iteration: 2206; Percent complete: 55.1%; Average loss: 1.8393  
Iteration: 2207; Percent complete: 55.2%; Average loss: 1.7841  
Iteration: 2208; Percent complete: 55.2%; Average loss: 1.7355  
Iteration: 2209; Percent complete: 55.2%; Average loss: 1.7896  
Iteration: 2210; Percent complete: 55.2%; Average loss: 1.7706  
Iteration: 2211; Percent complete: 55.3%; Average loss: 1.6661  
Iteration: 2212; Percent complete: 55.3%; Average loss: 2.0142  
Iteration: 2213; Percent complete: 55.3%; Average loss: 1.6038  
Iteration: 2214; Percent complete: 55.4%; Average loss: 1.7245  
Iteration: 2215; Percent complete: 55.4%; Average loss: 2.0256  
Iteration: 2216; Percent complete: 55.4%; Average loss: 1.9225  
Iteration: 2217; Percent complete: 55.4%; Average loss: 1.8123  
Iteration: 2218; Percent complete: 55.5%; Average loss: 1.8347  
Iteration: 2219; Percent complete: 55.5%; Average loss: 1.6465  
Iteration: 2220; Percent complete: 55.5%; Average loss: 1.6844  
Iteration: 2221; Percent complete: 55.5%; Average loss: 1.6983  
Iteration: 2222; Percent complete: 55.5%; Average loss: 1.7418  
Iteration: 2223; Percent complete: 55.6%; Average loss: 1.7013  
Iteration: 2224; Percent complete: 55.6%; Average loss: 2.2130  
Iteration: 2225; Percent complete: 55.6%; Average loss: 1.6532  
Iteration: 2226; Percent complete: 55.6%; Average loss: 1.5368  
Iteration: 2227; Percent complete: 55.7%; Average loss: 1.7078  
Iteration: 2228; Percent complete: 55.7%; Average loss: 1.6193  
Iteration: 2229; Percent complete: 55.7%; Average loss: 1.7876  
Iteration: 2230; Percent complete: 55.8%; Average loss: 1.7696  
Iteration: 2231; Percent complete: 55.8%; Average loss: 1.6078  
Iteration: 2232; Percent complete: 55.8%; Average loss: 1.7896  
Iteration: 2233; Percent complete: 55.8%; Average loss: 1.7440  
Iteration: 2234; Percent complete: 55.9%; Average loss: 1.6925  
Iteration: 2235; Percent complete: 55.9%; Average loss: 1.8114  
Iteration: 2236; Percent complete: 55.9%; Average loss: 1.8259  
Iteration: 2237; Percent complete: 55.9%; Average loss: 1.8412  
Iteration: 2238; Percent complete: 56.0%; Average loss: 1.7947  
Iteration: 2239; Percent complete: 56.0%; Average loss: 1.7792  
Iteration: 2240; Percent complete: 56.0%; Average loss: 1.6666  
Iteration: 2241; Percent complete: 56.0%; Average loss: 1.8424  
Iteration: 2242; Percent complete: 56.0%; Average loss: 1.7354  
Iteration: 2243; Percent complete: 56.1%; Average loss: 1.7172  
Iteration: 2244; Percent complete: 56.1%; Average loss: 2.0250  
Iteration: 2245; Percent complete: 56.1%; Average loss: 1.8407  
Iteration: 2246; Percent complete: 56.1%; Average loss: 1.6411  
Iteration: 2247; Percent complete: 56.2%; Average loss: 1.8617  
Iteration: 2248; Percent complete: 56.2%; Average loss: 1.9709  
Iteration: 2249; Percent complete: 56.2%; Average loss: 2.0238  
Iteration: 2250; Percent complete: 56.2%; Average loss: 1.7885  
Iteration: 2251; Percent complete: 56.3%; Average loss: 1.9804  
Iteration: 2252; Percent complete: 56.3%; Average loss: 1.7590  
Iteration: 2253; Percent complete: 56.3%; Average loss: 1.6490  
Iteration: 2254; Percent complete: 56.4%; Average loss: 1.8168  
Iteration: 2255; Percent complete: 56.4%; Average loss: 1.8502  
Iteration: 2256; Percent complete: 56.4%; Average loss: 1.7750  
Iteration: 2257; Percent complete: 56.4%; Average loss: 1.8216  
Iteration: 2258; Percent complete: 56.5%; Average loss: 1.7606



Iteration: 2258; Percent complete: 56.5%; Average loss: 1.7090  
Iteration: 2259; Percent complete: 56.5%; Average loss: 1.6721  
Iteration: 2260; Percent complete: 56.5%; Average loss: 1.9782  
Iteration: 2261; Percent complete: 56.5%; Average loss: 1.7748  
Iteration: 2262; Percent complete: 56.5%; Average loss: 1.7722  
Iteration: 2263; Percent complete: 56.6%; Average loss: 1.6715  
Iteration: 2264; Percent complete: 56.6%; Average loss: 1.7575  
Iteration: 2265; Percent complete: 56.6%; Average loss: 1.8251  
Iteration: 2266; Percent complete: 56.6%; Average loss: 1.8310  
Iteration: 2267; Percent complete: 56.7%; Average loss: 1.9020  
Iteration: 2268; Percent complete: 56.7%; Average loss: 1.7295  
Iteration: 2269; Percent complete: 56.7%; Average loss: 1.8682  
Iteration: 2270; Percent complete: 56.8%; Average loss: 1.8966  
Iteration: 2271; Percent complete: 56.8%; Average loss: 2.0090  
Iteration: 2272; Percent complete: 56.8%; Average loss: 1.6480  
Iteration: 2273; Percent complete: 56.8%; Average loss: 1.9887  
Iteration: 2274; Percent complete: 56.9%; Average loss: 1.8522  
Iteration: 2275; Percent complete: 56.9%; Average loss: 1.5966  
Iteration: 2276; Percent complete: 56.9%; Average loss: 1.7302  
Iteration: 2277; Percent complete: 56.9%; Average loss: 1.6746  
Iteration: 2278; Percent complete: 57.0%; Average loss: 1.6136  
Iteration: 2279; Percent complete: 57.0%; Average loss: 1.7645  
Iteration: 2280; Percent complete: 57.0%; Average loss: 1.9455  
Iteration: 2281; Percent complete: 57.0%; Average loss: 1.8623  
Iteration: 2282; Percent complete: 57.0%; Average loss: 1.8798  
Iteration: 2283; Percent complete: 57.1%; Average loss: 1.9106  
Iteration: 2284; Percent complete: 57.1%; Average loss: 1.8724  
Iteration: 2285; Percent complete: 57.1%; Average loss: 1.7218  
Iteration: 2286; Percent complete: 57.1%; Average loss: 1.6185  
Iteration: 2287; Percent complete: 57.2%; Average loss: 1.7554  
Iteration: 2288; Percent complete: 57.2%; Average loss: 1.6341  
Iteration: 2289; Percent complete: 57.2%; Average loss: 2.0860  
Iteration: 2290; Percent complete: 57.2%; Average loss: 1.9574  
Iteration: 2291; Percent complete: 57.3%; Average loss: 1.8145  
Iteration: 2292; Percent complete: 57.3%; Average loss: 1.9512  
Iteration: 2293; Percent complete: 57.3%; Average loss: 1.8488  
Iteration: 2294; Percent complete: 57.4%; Average loss: 1.7048  
Iteration: 2295; Percent complete: 57.4%; Average loss: 1.8332  
Iteration: 2296; Percent complete: 57.4%; Average loss: 1.6530  
Iteration: 2297; Percent complete: 57.4%; Average loss: 1.6720  
Iteration: 2298; Percent complete: 57.5%; Average loss: 1.6378  
Iteration: 2299; Percent complete: 57.5%; Average loss: 1.9173  
Iteration: 2300; Percent complete: 57.5%; Average loss: 1.7260  
Iteration: 2301; Percent complete: 57.5%; Average loss: 1.7190  
Iteration: 2302; Percent complete: 57.6%; Average loss: 1.6501  
Iteration: 2303; Percent complete: 57.6%; Average loss: 1.7078  
Iteration: 2304; Percent complete: 57.6%; Average loss: 1.6121  
Iteration: 2305; Percent complete: 57.6%; Average loss: 1.8366  
Iteration: 2306; Percent complete: 57.6%; Average loss: 1.5971  
Iteration: 2307; Percent complete: 57.7%; Average loss: 1.6135  
Iteration: 2308; Percent complete: 57.7%; Average loss: 1.7286  
Iteration: 2309; Percent complete: 57.7%; Average loss: 1.7731  
Iteration: 2310; Percent complete: 57.8%; Average loss: 1.6044  
Iteration: 2311; Percent complete: 57.8%; Average loss: 1.6419  
Iteration: 2312; Percent complete: 57.8%; Average loss: 1.6038  
Iteration: 2313; Percent complete: 57.8%; Average loss: 1.7188  
Iteration: 2314; Percent complete: 57.9%; Average loss: 1.6891  
Iteration: 2315; Percent complete: 57.9%; Average loss: 1.7587  
Iteration: 2316; Percent complete: 57.9%; Average loss: 1.7576  
Iteration: 2317; Percent complete: 57.9%; Average loss: 1.7881  
Iteration: 2318; Percent complete: 58.0%; Average loss: 1.8670  
Iteration: 2319; Percent complete: 58.0%; Average loss: 1.7970  
Iteration: 2320; Percent complete: 58.0%; Average loss: 1.6594  
Iteration: 2321; Percent complete: 58.0%; Average loss: 1.8563  
Iteration: 2322; Percent complete: 58.1%; Average loss: 1.9147  
Iteration: 2323; Percent complete: 58.1%; Average loss: 1.8021  
Iteration: 2324; Percent complete: 58.1%; Average loss: 1.9110  
Iteration: 2325; Percent complete: 58.1%; Average loss: 1.7026  
Iteration: 2326; Percent complete: 58.1%; Average loss: 1.8705  
Iteration: 2327; Percent complete: 58.2%; Average loss: 1.6930  
Iteration: 2328; Percent complete: 58.2%; Average loss: 1.5629  
Iteration: 2329; Percent complete: 58.2%; Average loss: 1.7878  
Iteration: 2330; Percent complete: 58.2%; Average loss: 1.6678  
Iteration: 2331; Percent complete: 58.3%; Average loss: 2.0348  
Iteration: 2332; Percent complete: 58.3%; Average loss: 1.7024  
Iteration: 2333; Percent complete: 58.3%; Average loss: 1.8892  
Iteration: 2334; Percent complete: 58.4%; Average loss: 1.7600  
Iteration: 2335; Percent complete: 58.4%; Average loss: 1.6619  
Iteration: 2336; Percent complete: 58.4%; Average loss: 1.5806  
Iteration: 2337; Percent complete: 58.4%; Average loss: 1.8386  
Iteration: 2338; Percent complete: 58.5%; Average loss: 1.8935  
Iteration: 2339; Percent complete: 58.5%; Average loss: 2.1158  
Iteration: 2340; Percent complete: 58.5%; Average loss: 1.7870  
Iteration: 2341; Percent complete: 58.5%; Average loss: 1.8034  
Iteration: 2342; Percent complete: 58.6%; Average loss: 1.9223  
Iteration: 2343; Percent complete: 58.6%; Average loss: 1.7208  
Iteration: 2344; Percent complete: 58.6%; Average loss: 1.8940  
Iteration: 2345; Percent complete: 58.6%; Average loss: 1.7863  
Iteration: 2346; Percent complete: 58.7%; Average loss: 1.7705  
Iteration: 2347; Percent complete: 58.7%; Average loss: 1.9148  
Iteration: 2348; Percent complete: 58.7%; Average loss: 1.8859  
Iteration: 2349; Percent complete: 58.7%; Average loss: 1.6825

Iteration: 2350; Percent complete: 58.8%; Average loss: 1.7431  
Iteration: 2351; Percent complete: 58.8%; Average loss: 1.6963  
Iteration: 2352; Percent complete: 58.8%; Average loss: 1.8775  
Iteration: 2353; Percent complete: 58.8%; Average loss: 1.6659  
Iteration: 2354; Percent complete: 58.9%; Average loss: 1.8255  
Iteration: 2355; Percent complete: 58.9%; Average loss: 1.9752  
Iteration: 2356; Percent complete: 58.9%; Average loss: 1.7618  
Iteration: 2357; Percent complete: 58.9%; Average loss: 2.1153  
Iteration: 2358; Percent complete: 59.0%; Average loss: 1.9185  
Iteration: 2359; Percent complete: 59.0%; Average loss: 1.7859  
Iteration: 2360; Percent complete: 59.0%; Average loss: 2.0248  
Iteration: 2361; Percent complete: 59.0%; Average loss: 1.8360  
Iteration: 2362; Percent complete: 59.1%; Average loss: 1.8883  
Iteration: 2363; Percent complete: 59.1%; Average loss: 1.7453  
Iteration: 2364; Percent complete: 59.1%; Average loss: 1.8759  
Iteration: 2365; Percent complete: 59.1%; Average loss: 1.7185  
Iteration: 2366; Percent complete: 59.2%; Average loss: 1.7615  
Iteration: 2367; Percent complete: 59.2%; Average loss: 1.8078  
Iteration: 2368; Percent complete: 59.2%; Average loss: 1.9467  
Iteration: 2369; Percent complete: 59.2%; Average loss: 1.8288  
Iteration: 2370; Percent complete: 59.2%; Average loss: 1.7657  
Iteration: 2371; Percent complete: 59.3%; Average loss: 1.7732  
Iteration: 2372; Percent complete: 59.3%; Average loss: 1.7276  
Iteration: 2373; Percent complete: 59.3%; Average loss: 1.7040  
Iteration: 2374; Percent complete: 59.4%; Average loss: 1.9483  
Iteration: 2375; Percent complete: 59.4%; Average loss: 1.8144  
Iteration: 2376; Percent complete: 59.4%; Average loss: 1.8260  
Iteration: 2377; Percent complete: 59.4%; Average loss: 1.7410  
Iteration: 2378; Percent complete: 59.5%; Average loss: 1.6483  
Iteration: 2379; Percent complete: 59.5%; Average loss: 1.7935  
Iteration: 2380; Percent complete: 59.5%; Average loss: 1.9323  
Iteration: 2381; Percent complete: 59.5%; Average loss: 1.7925  
Iteration: 2382; Percent complete: 59.6%; Average loss: 1.6565  
Iteration: 2383; Percent complete: 59.6%; Average loss: 1.9101  
Iteration: 2384; Percent complete: 59.6%; Average loss: 1.9182  
Iteration: 2385; Percent complete: 59.6%; Average loss: 1.9394  
Iteration: 2386; Percent complete: 59.7%; Average loss: 1.8307  
Iteration: 2387; Percent complete: 59.7%; Average loss: 1.8979  
Iteration: 2388; Percent complete: 59.7%; Average loss: 1.7853  
Iteration: 2389; Percent complete: 59.7%; Average loss: 1.8119  
Iteration: 2390; Percent complete: 59.8%; Average loss: 1.9430  
Iteration: 2391; Percent complete: 59.8%; Average loss: 1.9409  
Iteration: 2392; Percent complete: 59.8%; Average loss: 1.6859  
Iteration: 2393; Percent complete: 59.8%; Average loss: 1.5845  
Iteration: 2394; Percent complete: 59.9%; Average loss: 1.8966  
Iteration: 2395; Percent complete: 59.9%; Average loss: 1.7065  
Iteration: 2396; Percent complete: 59.9%; Average loss: 1.8098  
Iteration: 2397; Percent complete: 59.9%; Average loss: 1.6821  
Iteration: 2398; Percent complete: 60.0%; Average loss: 1.6420  
Iteration: 2399; Percent complete: 60.0%; Average loss: 1.6228  
Iteration: 2400; Percent complete: 60.0%; Average loss: 1.7845  
Iteration: 2401; Percent complete: 60.0%; Average loss: 1.6163  
Iteration: 2402; Percent complete: 60.1%; Average loss: 1.8146  
Iteration: 2403; Percent complete: 60.1%; Average loss: 1.9121  
Iteration: 2404; Percent complete: 60.1%; Average loss: 2.0398  
Iteration: 2405; Percent complete: 60.1%; Average loss: 1.9381  
Iteration: 2406; Percent complete: 60.2%; Average loss: 1.8253  
Iteration: 2407; Percent complete: 60.2%; Average loss: 1.7564  
Iteration: 2408; Percent complete: 60.2%; Average loss: 1.7607  
Iteration: 2409; Percent complete: 60.2%; Average loss: 1.7792  
Iteration: 2410; Percent complete: 60.2%; Average loss: 1.7429  
Iteration: 2411; Percent complete: 60.3%; Average loss: 1.8949  
Iteration: 2412; Percent complete: 60.3%; Average loss: 1.5987  
Iteration: 2413; Percent complete: 60.3%; Average loss: 1.8492  
Iteration: 2414; Percent complete: 60.4%; Average loss: 1.6575  
Iteration: 2415; Percent complete: 60.4%; Average loss: 1.7215  
Iteration: 2416; Percent complete: 60.4%; Average loss: 1.7540  
Iteration: 2417; Percent complete: 60.4%; Average loss: 1.7215  
Iteration: 2418; Percent complete: 60.5%; Average loss: 1.7299  
Iteration: 2419; Percent complete: 60.5%; Average loss: 1.6131  
Iteration: 2420; Percent complete: 60.5%; Average loss: 1.7946  
Iteration: 2421; Percent complete: 60.5%; Average loss: 1.7311  
Iteration: 2422; Percent complete: 60.6%; Average loss: 1.7136  
Iteration: 2423; Percent complete: 60.6%; Average loss: 1.7422  
Iteration: 2424; Percent complete: 60.6%; Average loss: 1.7564  
Iteration: 2425; Percent complete: 60.6%; Average loss: 1.6670  
Iteration: 2426; Percent complete: 60.7%; Average loss: 1.5835  
Iteration: 2427; Percent complete: 60.7%; Average loss: 1.4787  
Iteration: 2428; Percent complete: 60.7%; Average loss: 1.8030  
Iteration: 2429; Percent complete: 60.7%; Average loss: 1.7069  
Iteration: 2430; Percent complete: 60.8%; Average loss: 1.8905  
Iteration: 2431; Percent complete: 60.8%; Average loss: 1.8924  
Iteration: 2432; Percent complete: 60.8%; Average loss: 1.9145  
Iteration: 2433; Percent complete: 60.8%; Average loss: 1.8438  
Iteration: 2434; Percent complete: 60.9%; Average loss: 1.6140  
Iteration: 2435; Percent complete: 60.9%; Average loss: 1.8798  
Iteration: 2436; Percent complete: 60.9%; Average loss: 1.8559  
Iteration: 2437; Percent complete: 60.9%; Average loss: 1.7037  
Iteration: 2438; Percent complete: 61.0%; Average loss: 1.8854  
Iteration: 2439; Percent complete: 61.0%; Average loss: 1.7634  
Iteration: 2440; Percent complete: 61.0%; Average loss: 1.7731

Iteration: 2441; Percent complete: 61.0%; Average loss: 1.5034  
Iteration: 2442; Percent complete: 61.1%; Average loss: 1.8038  
Iteration: 2443; Percent complete: 61.1%; Average loss: 1.6126  
Iteration: 2444; Percent complete: 61.1%; Average loss: 1.9702  
Iteration: 2445; Percent complete: 61.1%; Average loss: 1.8077  
Iteration: 2446; Percent complete: 61.2%; Average loss: 1.7755  
Iteration: 2447; Percent complete: 61.2%; Average loss: 1.5992  
Iteration: 2448; Percent complete: 61.2%; Average loss: 1.7053  
Iteration: 2449; Percent complete: 61.2%; Average loss: 1.6794  
Iteration: 2450; Percent complete: 61.3%; Average loss: 1.8406  
Iteration: 2451; Percent complete: 61.3%; Average loss: 1.9232  
Iteration: 2452; Percent complete: 61.3%; Average loss: 1.5604  
Iteration: 2453; Percent complete: 61.3%; Average loss: 1.6789  
Iteration: 2454; Percent complete: 61.4%; Average loss: 2.0204  
Iteration: 2455; Percent complete: 61.4%; Average loss: 1.8323  
Iteration: 2456; Percent complete: 61.4%; Average loss: 1.7834  
Iteration: 2457; Percent complete: 61.4%; Average loss: 1.9246  
Iteration: 2458; Percent complete: 61.5%; Average loss: 1.7665  
Iteration: 2459; Percent complete: 61.5%; Average loss: 1.9531  
Iteration: 2460; Percent complete: 61.5%; Average loss: 1.6383  
Iteration: 2461; Percent complete: 61.5%; Average loss: 1.5716  
Iteration: 2462; Percent complete: 61.6%; Average loss: 1.9359  
Iteration: 2463; Percent complete: 61.6%; Average loss: 1.7942  
Iteration: 2464; Percent complete: 61.6%; Average loss: 1.7643  
Iteration: 2465; Percent complete: 61.6%; Average loss: 1.8824  
Iteration: 2466; Percent complete: 61.7%; Average loss: 1.9561  
Iteration: 2467; Percent complete: 61.7%; Average loss: 1.8073  
Iteration: 2468; Percent complete: 61.7%; Average loss: 1.8401  
Iteration: 2469; Percent complete: 61.7%; Average loss: 1.9758  
Iteration: 2470; Percent complete: 61.8%; Average loss: 2.0025  
Iteration: 2471; Percent complete: 61.8%; Average loss: 1.7453  
Iteration: 2472; Percent complete: 61.8%; Average loss: 1.7858  
Iteration: 2473; Percent complete: 61.8%; Average loss: 1.9198  
Iteration: 2474; Percent complete: 61.9%; Average loss: 1.6647  
Iteration: 2475; Percent complete: 61.9%; Average loss: 2.1188  
Iteration: 2476; Percent complete: 61.9%; Average loss: 1.8707  
Iteration: 2477; Percent complete: 61.9%; Average loss: 1.6305  
Iteration: 2478; Percent complete: 62.0%; Average loss: 1.9388  
Iteration: 2479; Percent complete: 62.0%; Average loss: 2.1595  
Iteration: 2480; Percent complete: 62.0%; Average loss: 1.5149  
Iteration: 2481; Percent complete: 62.0%; Average loss: 1.7313  
Iteration: 2482; Percent complete: 62.1%; Average loss: 1.7791  
Iteration: 2483; Percent complete: 62.1%; Average loss: 1.6938  
Iteration: 2484; Percent complete: 62.1%; Average loss: 1.6329  
Iteration: 2485; Percent complete: 62.1%; Average loss: 1.9089  
Iteration: 2486; Percent complete: 62.2%; Average loss: 1.8369  
Iteration: 2487; Percent complete: 62.2%; Average loss: 1.7493  
Iteration: 2488; Percent complete: 62.2%; Average loss: 1.7018  
Iteration: 2489; Percent complete: 62.2%; Average loss: 1.9008  
Iteration: 2490; Percent complete: 62.3%; Average loss: 1.8082  
Iteration: 2491; Percent complete: 62.3%; Average loss: 1.6223  
Iteration: 2492; Percent complete: 62.3%; Average loss: 1.6507  
Iteration: 2493; Percent complete: 62.3%; Average loss: 1.9183  
Iteration: 2494; Percent complete: 62.4%; Average loss: 1.7070  
Iteration: 2495; Percent complete: 62.4%; Average loss: 1.8966  
Iteration: 2496; Percent complete: 62.4%; Average loss: 1.9627  
Iteration: 2497; Percent complete: 62.4%; Average loss: 1.4960  
Iteration: 2498; Percent complete: 62.5%; Average loss: 1.8947  
Iteration: 2499; Percent complete: 62.5%; Average loss: 1.8409  
Iteration: 2500; Percent complete: 62.5%; Average loss: 1.7927  
Iteration: 2501; Percent complete: 62.5%; Average loss: 1.6585  
Iteration: 2502; Percent complete: 62.5%; Average loss: 1.7723  
Iteration: 2503; Percent complete: 62.6%; Average loss: 1.6927  
Iteration: 2504; Percent complete: 62.6%; Average loss: 1.8939  
Iteration: 2505; Percent complete: 62.6%; Average loss: 1.7587  
Iteration: 2506; Percent complete: 62.6%; Average loss: 1.8441  
Iteration: 2507; Percent complete: 62.7%; Average loss: 1.8559  
Iteration: 2508; Percent complete: 62.7%; Average loss: 1.6371  
Iteration: 2509; Percent complete: 62.7%; Average loss: 1.7260  
Iteration: 2510; Percent complete: 62.7%; Average loss: 1.8671  
Iteration: 2511; Percent complete: 62.8%; Average loss: 1.6565  
Iteration: 2512; Percent complete: 62.8%; Average loss: 1.8202  
Iteration: 2513; Percent complete: 62.8%; Average loss: 1.7098  
Iteration: 2514; Percent complete: 62.8%; Average loss: 1.9678  
Iteration: 2515; Percent complete: 62.9%; Average loss: 1.8658  
Iteration: 2516; Percent complete: 62.9%; Average loss: 1.6884  
Iteration: 2517; Percent complete: 62.9%; Average loss: 1.9747  
Iteration: 2518; Percent complete: 62.9%; Average loss: 1.7236  
Iteration: 2519; Percent complete: 63.0%; Average loss: 1.7991  
Iteration: 2520; Percent complete: 63.0%; Average loss: 1.7212  
Iteration: 2521; Percent complete: 63.0%; Average loss: 1.9056  
Iteration: 2522; Percent complete: 63.0%; Average loss: 1.8360  
Iteration: 2523; Percent complete: 63.1%; Average loss: 1.7426  
Iteration: 2524; Percent complete: 63.1%; Average loss: 1.7256  
Iteration: 2525; Percent complete: 63.1%; Average loss: 1.7558  
Iteration: 2526; Percent complete: 63.1%; Average loss: 1.9520  
Iteration: 2527; Percent complete: 63.2%; Average loss: 1.6973  
Iteration: 2528; Percent complete: 63.2%; Average loss: 1.7335  
Iteration: 2529; Percent complete: 63.2%; Average loss: 1.7951  
Iteration: 2530; Percent complete: 63.2%; Average loss: 1.9062  
Iteration: 2531; Percent complete: 63.3%; Average loss: 1.8679

Iteration: 2532; Percent complete: 63.3%; Average loss: 1.8631  
Iteration: 2533; Percent complete: 63.3%; Average loss: 1.6948  
Iteration: 2534; Percent complete: 63.3%; Average loss: 1.8479  
Iteration: 2535; Percent complete: 63.4%; Average loss: 1.8308  
Iteration: 2536; Percent complete: 63.4%; Average loss: 1.8554  
Iteration: 2537; Percent complete: 63.4%; Average loss: 1.6820  
Iteration: 2538; Percent complete: 63.4%; Average loss: 1.7185  
Iteration: 2539; Percent complete: 63.5%; Average loss: 1.8017  
Iteration: 2540; Percent complete: 63.5%; Average loss: 1.7415  
Iteration: 2541; Percent complete: 63.5%; Average loss: 1.7462  
Iteration: 2542; Percent complete: 63.5%; Average loss: 1.6373  
Iteration: 2543; Percent complete: 63.6%; Average loss: 1.8191  
Iteration: 2544; Percent complete: 63.6%; Average loss: 1.8048  
Iteration: 2545; Percent complete: 63.6%; Average loss: 1.8944  
Iteration: 2546; Percent complete: 63.6%; Average loss: 1.7222  
Iteration: 2547; Percent complete: 63.7%; Average loss: 1.8450  
Iteration: 2548; Percent complete: 63.7%; Average loss: 1.8324  
Iteration: 2549; Percent complete: 63.7%; Average loss: 2.0243  
Iteration: 2550; Percent complete: 63.7%; Average loss: 1.8403  
Iteration: 2551; Percent complete: 63.8%; Average loss: 1.8609  
Iteration: 2552; Percent complete: 63.8%; Average loss: 1.8724  
Iteration: 2553; Percent complete: 63.8%; Average loss: 1.5840  
Iteration: 2554; Percent complete: 63.8%; Average loss: 2.1537  
Iteration: 2555; Percent complete: 63.9%; Average loss: 1.8088  
Iteration: 2556; Percent complete: 63.9%; Average loss: 1.7495  
Iteration: 2557; Percent complete: 63.9%; Average loss: 1.7041  
Iteration: 2558; Percent complete: 63.9%; Average loss: 1.9074  
Iteration: 2559; Percent complete: 64.0%; Average loss: 1.8579  
Iteration: 2560; Percent complete: 64.0%; Average loss: 1.9418  
Iteration: 2561; Percent complete: 64.0%; Average loss: 1.6960  
Iteration: 2562; Percent complete: 64.0%; Average loss: 2.0448  
Iteration: 2563; Percent complete: 64.1%; Average loss: 1.7583  
Iteration: 2564; Percent complete: 64.1%; Average loss: 1.6314  
Iteration: 2565; Percent complete: 64.1%; Average loss: 2.0390  
Iteration: 2566; Percent complete: 64.1%; Average loss: 1.9349  
Iteration: 2567; Percent complete: 64.2%; Average loss: 1.5455  
Iteration: 2568; Percent complete: 64.2%; Average loss: 1.9557  
Iteration: 2569; Percent complete: 64.2%; Average loss: 1.6918  
Iteration: 2570; Percent complete: 64.2%; Average loss: 1.7922  
Iteration: 2571; Percent complete: 64.3%; Average loss: 1.8308  
Iteration: 2572; Percent complete: 64.3%; Average loss: 1.8620  
Iteration: 2573; Percent complete: 64.3%; Average loss: 1.7932  
Iteration: 2574; Percent complete: 64.3%; Average loss: 1.9519  
Iteration: 2575; Percent complete: 64.4%; Average loss: 1.8794  
Iteration: 2576; Percent complete: 64.4%; Average loss: 1.7014  
Iteration: 2577; Percent complete: 64.4%; Average loss: 1.7447  
Iteration: 2578; Percent complete: 64.5%; Average loss: 1.8269  
Iteration: 2579; Percent complete: 64.5%; Average loss: 1.7939  
Iteration: 2580; Percent complete: 64.5%; Average loss: 2.1035  
Iteration: 2581; Percent complete: 64.5%; Average loss: 1.8105  
Iteration: 2582; Percent complete: 64.5%; Average loss: 1.7889  
Iteration: 2583; Percent complete: 64.6%; Average loss: 1.7704  
Iteration: 2584; Percent complete: 64.6%; Average loss: 1.8328  
Iteration: 2585; Percent complete: 64.6%; Average loss: 1.8445  
Iteration: 2586; Percent complete: 64.6%; Average loss: 1.8375  
Iteration: 2587; Percent complete: 64.7%; Average loss: 2.0098  
Iteration: 2588; Percent complete: 64.7%; Average loss: 1.7627  
Iteration: 2589; Percent complete: 64.7%; Average loss: 1.8056  
Iteration: 2590; Percent complete: 64.8%; Average loss: 1.7367  
Iteration: 2591; Percent complete: 64.8%; Average loss: 1.7851  
Iteration: 2592; Percent complete: 64.8%; Average loss: 1.9780  
Iteration: 2593; Percent complete: 64.8%; Average loss: 1.7320  
Iteration: 2594; Percent complete: 64.8%; Average loss: 1.8517  
Iteration: 2595; Percent complete: 64.9%; Average loss: 1.7731  
Iteration: 2596; Percent complete: 64.9%; Average loss: 1.7014  
Iteration: 2597; Percent complete: 64.9%; Average loss: 1.8548  
Iteration: 2598; Percent complete: 65.0%; Average loss: 2.0753  
Iteration: 2599; Percent complete: 65.0%; Average loss: 1.9434  
Iteration: 2600; Percent complete: 65.0%; Average loss: 1.6823  
Iteration: 2601; Percent complete: 65.0%; Average loss: 1.8414  
Iteration: 2602; Percent complete: 65.0%; Average loss: 2.0148  
Iteration: 2603; Percent complete: 65.1%; Average loss: 1.8419  
Iteration: 2604; Percent complete: 65.1%; Average loss: 1.7992  
Iteration: 2605; Percent complete: 65.1%; Average loss: 1.8861  
Iteration: 2606; Percent complete: 65.1%; Average loss: 1.8054  
Iteration: 2607; Percent complete: 65.2%; Average loss: 1.8705  
Iteration: 2608; Percent complete: 65.2%; Average loss: 1.8351  
Iteration: 2609; Percent complete: 65.2%; Average loss: 1.7305  
Iteration: 2610; Percent complete: 65.2%; Average loss: 1.6005  
Iteration: 2611; Percent complete: 65.3%; Average loss: 1.9681  
Iteration: 2612; Percent complete: 65.3%; Average loss: 1.7548  
Iteration: 2613; Percent complete: 65.3%; Average loss: 1.7566  
Iteration: 2614; Percent complete: 65.3%; Average loss: 1.5599  
Iteration: 2615; Percent complete: 65.4%; Average loss: 1.5796  
Iteration: 2616; Percent complete: 65.4%; Average loss: 1.8642  
Iteration: 2617; Percent complete: 65.4%; Average loss: 1.8864  
Iteration: 2618; Percent complete: 65.5%; Average loss: 1.7443  
Iteration: 2619; Percent complete: 65.5%; Average loss: 1.7051  
Iteration: 2620; Percent complete: 65.5%; Average loss: 1.7912  
Iteration: 2621; Percent complete: 65.5%; Average loss: 1.7150  
Iteration: 2622; Percent complete: 65.5%; Average loss: 1.8246  
Iteration: 2623; Percent complete: 65.6%; Average loss: 2.0731

Iteration: 2623; Percent complete: 65.6%; Average loss: 2.0751  
Iteration: 2624; Percent complete: 65.6%; Average loss: 1.6851  
Iteration: 2625; Percent complete: 65.6%; Average loss: 1.8517  
Iteration: 2626; Percent complete: 65.6%; Average loss: 1.7918  
Iteration: 2627; Percent complete: 65.7%; Average loss: 1.6805  
Iteration: 2628; Percent complete: 65.7%; Average loss: 1.8239  
Iteration: 2629; Percent complete: 65.7%; Average loss: 1.7241  
Iteration: 2630; Percent complete: 65.8%; Average loss: 1.9907  
Iteration: 2631; Percent complete: 65.8%; Average loss: 1.9465  
Iteration: 2632; Percent complete: 65.8%; Average loss: 1.7957  
Iteration: 2633; Percent complete: 65.8%; Average loss: 1.7849  
Iteration: 2634; Percent complete: 65.8%; Average loss: 1.8418  
Iteration: 2635; Percent complete: 65.9%; Average loss: 1.5277  
Iteration: 2636; Percent complete: 65.9%; Average loss: 1.7974  
Iteration: 2637; Percent complete: 65.9%; Average loss: 1.5729  
Iteration: 2638; Percent complete: 66.0%; Average loss: 1.8901  
Iteration: 2639; Percent complete: 66.0%; Average loss: 1.8446  
Iteration: 2640; Percent complete: 66.0%; Average loss: 2.1575  
Iteration: 2641; Percent complete: 66.0%; Average loss: 1.6968  
Iteration: 2642; Percent complete: 66.0%; Average loss: 1.6485  
Iteration: 2643; Percent complete: 66.1%; Average loss: 1.6743  
Iteration: 2644; Percent complete: 66.1%; Average loss: 2.1669  
Iteration: 2645; Percent complete: 66.1%; Average loss: 2.0670  
Iteration: 2646; Percent complete: 66.1%; Average loss: 1.7593  
Iteration: 2647; Percent complete: 66.2%; Average loss: 1.6996  
Iteration: 2648; Percent complete: 66.2%; Average loss: 1.7550  
Iteration: 2649; Percent complete: 66.2%; Average loss: 1.9076  
Iteration: 2650; Percent complete: 66.2%; Average loss: 1.9461  
Iteration: 2651; Percent complete: 66.3%; Average loss: 1.6632  
Iteration: 2652; Percent complete: 66.3%; Average loss: 1.8253  
Iteration: 2653; Percent complete: 66.3%; Average loss: 1.6971  
Iteration: 2654; Percent complete: 66.3%; Average loss: 1.5850  
Iteration: 2655; Percent complete: 66.4%; Average loss: 1.8070  
Iteration: 2656; Percent complete: 66.4%; Average loss: 1.9243  
Iteration: 2657; Percent complete: 66.4%; Average loss: 1.6222  
Iteration: 2658; Percent complete: 66.5%; Average loss: 1.6774  
Iteration: 2659; Percent complete: 66.5%; Average loss: 1.8231  
Iteration: 2660; Percent complete: 66.5%; Average loss: 1.9138  
Iteration: 2661; Percent complete: 66.5%; Average loss: 1.8846  
Iteration: 2662; Percent complete: 66.5%; Average loss: 1.8562  
Iteration: 2663; Percent complete: 66.6%; Average loss: 1.8260  
Iteration: 2664; Percent complete: 66.6%; Average loss: 1.7639  
Iteration: 2665; Percent complete: 66.6%; Average loss: 1.6155  
Iteration: 2666; Percent complete: 66.6%; Average loss: 1.6903  
Iteration: 2667; Percent complete: 66.7%; Average loss: 1.7862  
Iteration: 2668; Percent complete: 66.7%; Average loss: 1.6451  
Iteration: 2669; Percent complete: 66.7%; Average loss: 1.7601  
Iteration: 2670; Percent complete: 66.8%; Average loss: 1.6507  
Iteration: 2671; Percent complete: 66.8%; Average loss: 1.5684  
Iteration: 2672; Percent complete: 66.8%; Average loss: 1.6718  
Iteration: 2673; Percent complete: 66.8%; Average loss: 1.6482  
Iteration: 2674; Percent complete: 66.8%; Average loss: 1.7697  
Iteration: 2675; Percent complete: 66.9%; Average loss: 1.8518  
Iteration: 2676; Percent complete: 66.9%; Average loss: 1.5926  
Iteration: 2677; Percent complete: 66.9%; Average loss: 1.9097  
Iteration: 2678; Percent complete: 67.0%; Average loss: 1.4939  
Iteration: 2679; Percent complete: 67.0%; Average loss: 1.7247  
Iteration: 2680; Percent complete: 67.0%; Average loss: 1.9018  
Iteration: 2681; Percent complete: 67.0%; Average loss: 1.7834  
Iteration: 2682; Percent complete: 67.0%; Average loss: 1.7851  
Iteration: 2683; Percent complete: 67.1%; Average loss: 1.9164  
Iteration: 2684; Percent complete: 67.1%; Average loss: 1.6964  
Iteration: 2685; Percent complete: 67.1%; Average loss: 1.7874  
Iteration: 2686; Percent complete: 67.2%; Average loss: 1.8540  
Iteration: 2687; Percent complete: 67.2%; Average loss: 2.1202  
Iteration: 2688; Percent complete: 67.2%; Average loss: 1.9134  
Iteration: 2689; Percent complete: 67.2%; Average loss: 1.9951  
Iteration: 2690; Percent complete: 67.2%; Average loss: 1.9278  
Iteration: 2691; Percent complete: 67.3%; Average loss: 1.8057  
Iteration: 2692; Percent complete: 67.3%; Average loss: 1.8082  
Iteration: 2693; Percent complete: 67.3%; Average loss: 1.7498  
Iteration: 2694; Percent complete: 67.3%; Average loss: 1.7700  
Iteration: 2695; Percent complete: 67.4%; Average loss: 1.6583  
Iteration: 2696; Percent complete: 67.4%; Average loss: 1.8437  
Iteration: 2697; Percent complete: 67.4%; Average loss: 1.7440  
Iteration: 2698; Percent complete: 67.5%; Average loss: 1.8553  
Iteration: 2699; Percent complete: 67.5%; Average loss: 1.7204  
Iteration: 2700; Percent complete: 67.5%; Average loss: 1.8246  
Iteration: 2701; Percent complete: 67.5%; Average loss: 1.9352  
Iteration: 2702; Percent complete: 67.5%; Average loss: 1.9070  
Iteration: 2703; Percent complete: 67.6%; Average loss: 1.7725  
Iteration: 2704; Percent complete: 67.6%; Average loss: 1.7405  
Iteration: 2705; Percent complete: 67.6%; Average loss: 1.8627  
Iteration: 2706; Percent complete: 67.7%; Average loss: 1.6899  
Iteration: 2707; Percent complete: 67.7%; Average loss: 1.8132  
Iteration: 2708; Percent complete: 67.7%; Average loss: 1.6484  
Iteration: 2709; Percent complete: 67.7%; Average loss: 1.8159  
Iteration: 2710; Percent complete: 67.8%; Average loss: 1.8189  
Iteration: 2711; Percent complete: 67.8%; Average loss: 1.5566  
Iteration: 2712; Percent complete: 67.8%; Average loss: 1.8275  
Iteration: 2713; Percent complete: 67.8%; Average loss: 1.8124  
Iteration: 2714; Percent complete: 67.8%; Average loss: 1.6805

Iteration: 2715; Percent complete: 67.9%; Average loss: 1.6890  
Iteration: 2716; Percent complete: 67.9%; Average loss: 1.7208  
Iteration: 2717; Percent complete: 67.9%; Average loss: 1.6611  
Iteration: 2718; Percent complete: 68.0%; Average loss: 1.8771  
Iteration: 2719; Percent complete: 68.0%; Average loss: 1.6261  
Iteration: 2720; Percent complete: 68.0%; Average loss: 1.9195  
Iteration: 2721; Percent complete: 68.0%; Average loss: 1.6273  
Iteration: 2722; Percent complete: 68.0%; Average loss: 1.7787  
Iteration: 2723; Percent complete: 68.1%; Average loss: 1.9227  
Iteration: 2724; Percent complete: 68.1%; Average loss: 1.7760  
Iteration: 2725; Percent complete: 68.1%; Average loss: 1.9233  
Iteration: 2726; Percent complete: 68.2%; Average loss: 1.6785  
Iteration: 2727; Percent complete: 68.2%; Average loss: 1.8263  
Iteration: 2728; Percent complete: 68.2%; Average loss: 1.9236  
Iteration: 2729; Percent complete: 68.2%; Average loss: 1.9684  
Iteration: 2730; Percent complete: 68.2%; Average loss: 1.6540  
Iteration: 2731; Percent complete: 68.3%; Average loss: 2.0585  
Iteration: 2732; Percent complete: 68.3%; Average loss: 1.7375  
Iteration: 2733; Percent complete: 68.3%; Average loss: 1.8161  
Iteration: 2734; Percent complete: 68.3%; Average loss: 1.7065  
Iteration: 2735; Percent complete: 68.4%; Average loss: 1.7478  
Iteration: 2736; Percent complete: 68.4%; Average loss: 1.9613  
Iteration: 2737; Percent complete: 68.4%; Average loss: 1.5743  
Iteration: 2738; Percent complete: 68.5%; Average loss: 1.6769  
Iteration: 2739; Percent complete: 68.5%; Average loss: 1.7305  
Iteration: 2740; Percent complete: 68.5%; Average loss: 1.7361  
Iteration: 2741; Percent complete: 68.5%; Average loss: 2.1149  
Iteration: 2742; Percent complete: 68.5%; Average loss: 1.8023  
Iteration: 2743; Percent complete: 68.6%; Average loss: 1.6484  
Iteration: 2744; Percent complete: 68.6%; Average loss: 1.7785  
Iteration: 2745; Percent complete: 68.6%; Average loss: 1.7037  
Iteration: 2746; Percent complete: 68.7%; Average loss: 1.7716  
Iteration: 2747; Percent complete: 68.7%; Average loss: 1.7903  
Iteration: 2748; Percent complete: 68.7%; Average loss: 1.5687  
Iteration: 2749; Percent complete: 68.7%; Average loss: 1.7554  
Iteration: 2750; Percent complete: 68.8%; Average loss: 1.7451  
Iteration: 2751; Percent complete: 68.8%; Average loss: 1.7345  
Iteration: 2752; Percent complete: 68.8%; Average loss: 1.7387  
Iteration: 2753; Percent complete: 68.8%; Average loss: 1.7347  
Iteration: 2754; Percent complete: 68.8%; Average loss: 1.8773  
Iteration: 2755; Percent complete: 68.9%; Average loss: 1.8889  
Iteration: 2756; Percent complete: 68.9%; Average loss: 1.7654  
Iteration: 2757; Percent complete: 68.9%; Average loss: 1.6240  
Iteration: 2758; Percent complete: 69.0%; Average loss: 1.7228  
Iteration: 2759; Percent complete: 69.0%; Average loss: 1.7913  
Iteration: 2760; Percent complete: 69.0%; Average loss: 1.7636  
Iteration: 2761; Percent complete: 69.0%; Average loss: 1.5333  
Iteration: 2762; Percent complete: 69.0%; Average loss: 1.9243  
Iteration: 2763; Percent complete: 69.1%; Average loss: 1.7240  
Iteration: 2764; Percent complete: 69.1%; Average loss: 1.6535  
Iteration: 2765; Percent complete: 69.1%; Average loss: 1.9424  
Iteration: 2766; Percent complete: 69.2%; Average loss: 1.9708  
Iteration: 2767; Percent complete: 69.2%; Average loss: 2.0270  
Iteration: 2768; Percent complete: 69.2%; Average loss: 2.0067  
Iteration: 2769; Percent complete: 69.2%; Average loss: 1.6897  
Iteration: 2770; Percent complete: 69.2%; Average loss: 1.6604  
Iteration: 2771; Percent complete: 69.3%; Average loss: 1.7089  
Iteration: 2772; Percent complete: 69.3%; Average loss: 1.8431  
Iteration: 2773; Percent complete: 69.3%; Average loss: 1.6622  
Iteration: 2774; Percent complete: 69.3%; Average loss: 1.9163  
Iteration: 2775; Percent complete: 69.4%; Average loss: 2.0358  
Iteration: 2776; Percent complete: 69.4%; Average loss: 1.7371  
Iteration: 2777; Percent complete: 69.4%; Average loss: 1.8697  
Iteration: 2778; Percent complete: 69.5%; Average loss: 2.1192  
Iteration: 2779; Percent complete: 69.5%; Average loss: 1.8213  
Iteration: 2780; Percent complete: 69.5%; Average loss: 1.7853  
Iteration: 2781; Percent complete: 69.5%; Average loss: 1.9431  
Iteration: 2782; Percent complete: 69.5%; Average loss: 1.6097  
Iteration: 2783; Percent complete: 69.6%; Average loss: 1.8278  
Iteration: 2784; Percent complete: 69.6%; Average loss: 1.6957  
Iteration: 2785; Percent complete: 69.6%; Average loss: 1.7923  
Iteration: 2786; Percent complete: 69.7%; Average loss: 1.6679  
Iteration: 2787; Percent complete: 69.7%; Average loss: 1.6022  
Iteration: 2788; Percent complete: 69.7%; Average loss: 1.7164  
Iteration: 2789; Percent complete: 69.7%; Average loss: 1.4331  
Iteration: 2790; Percent complete: 69.8%; Average loss: 1.6546  
Iteration: 2791; Percent complete: 69.8%; Average loss: 2.0467  
Iteration: 2792; Percent complete: 69.8%; Average loss: 1.9625  
Iteration: 2793; Percent complete: 69.8%; Average loss: 1.8446  
Iteration: 2794; Percent complete: 69.8%; Average loss: 1.9332  
Iteration: 2795; Percent complete: 69.9%; Average loss: 1.5553  
Iteration: 2796; Percent complete: 69.9%; Average loss: 1.7003  
Iteration: 2797; Percent complete: 69.9%; Average loss: 1.7096  
Iteration: 2798; Percent complete: 70.0%; Average loss: 1.7644  
Iteration: 2799; Percent complete: 70.0%; Average loss: 1.8136  
Iteration: 2800; Percent complete: 70.0%; Average loss: 1.9306  
Iteration: 2801; Percent complete: 70.0%; Average loss: 1.7765  
Iteration: 2802; Percent complete: 70.0%; Average loss: 2.0321  
Iteration: 2803; Percent complete: 70.1%; Average loss: 1.9016  
Iteration: 2804; Percent complete: 70.1%; Average loss: 1.6264  
Iteration: 2805; Percent complete: 70.1%; Average loss: 1.7192

Iteration: 2806; Percent complete: 70.2%; Average loss: 1.7451  
Iteration: 2807; Percent complete: 70.2%; Average loss: 1.8176  
Iteration: 2808; Percent complete: 70.2%; Average loss: 1.7329  
Iteration: 2809; Percent complete: 70.2%; Average loss: 1.6312  
Iteration: 2810; Percent complete: 70.2%; Average loss: 1.7151  
Iteration: 2811; Percent complete: 70.3%; Average loss: 1.7350  
Iteration: 2812; Percent complete: 70.3%; Average loss: 1.6166  
Iteration: 2813; Percent complete: 70.3%; Average loss: 1.8541  
Iteration: 2814; Percent complete: 70.3%; Average loss: 1.8031  
Iteration: 2815; Percent complete: 70.4%; Average loss: 1.8001  
Iteration: 2816; Percent complete: 70.4%; Average loss: 1.8490  
Iteration: 2817; Percent complete: 70.4%; Average loss: 1.7677  
Iteration: 2818; Percent complete: 70.5%; Average loss: 1.6220  
Iteration: 2819; Percent complete: 70.5%; Average loss: 1.7587  
Iteration: 2820; Percent complete: 70.5%; Average loss: 1.7372  
Iteration: 2821; Percent complete: 70.5%; Average loss: 1.8115  
Iteration: 2822; Percent complete: 70.5%; Average loss: 1.6686  
Iteration: 2823; Percent complete: 70.6%; Average loss: 2.0326  
Iteration: 2824; Percent complete: 70.6%; Average loss: 1.9885  
Iteration: 2825; Percent complete: 70.6%; Average loss: 1.6414  
Iteration: 2826; Percent complete: 70.7%; Average loss: 1.7683  
Iteration: 2827; Percent complete: 70.7%; Average loss: 1.8358  
Iteration: 2828; Percent complete: 70.7%; Average loss: 1.7166  
Iteration: 2829; Percent complete: 70.7%; Average loss: 1.8975  
Iteration: 2830; Percent complete: 70.8%; Average loss: 1.7371  
Iteration: 2831; Percent complete: 70.8%; Average loss: 1.7493  
Iteration: 2832; Percent complete: 70.8%; Average loss: 1.8820  
Iteration: 2833; Percent complete: 70.8%; Average loss: 1.9392  
Iteration: 2834; Percent complete: 70.9%; Average loss: 1.8421  
Iteration: 2835; Percent complete: 70.9%; Average loss: 1.8797  
Iteration: 2836; Percent complete: 70.9%; Average loss: 1.6501  
Iteration: 2837; Percent complete: 70.9%; Average loss: 1.7410  
Iteration: 2838; Percent complete: 71.0%; Average loss: 1.7438  
Iteration: 2839; Percent complete: 71.0%; Average loss: 1.9222  
Iteration: 2840; Percent complete: 71.0%; Average loss: 1.7865  
Iteration: 2841; Percent complete: 71.0%; Average loss: 1.7829  
Iteration: 2842; Percent complete: 71.0%; Average loss: 1.8821  
Iteration: 2843; Percent complete: 71.1%; Average loss: 1.7693  
Iteration: 2844; Percent complete: 71.1%; Average loss: 1.8201  
Iteration: 2845; Percent complete: 71.1%; Average loss: 1.6600  
Iteration: 2846; Percent complete: 71.2%; Average loss: 2.0530  
Iteration: 2847; Percent complete: 71.2%; Average loss: 1.6677  
Iteration: 2848; Percent complete: 71.2%; Average loss: 1.9815  
Iteration: 2849; Percent complete: 71.2%; Average loss: 1.7230  
Iteration: 2850; Percent complete: 71.2%; Average loss: 1.7684  
Iteration: 2851; Percent complete: 71.3%; Average loss: 1.6593  
Iteration: 2852; Percent complete: 71.3%; Average loss: 2.0278  
Iteration: 2853; Percent complete: 71.3%; Average loss: 1.8375  
Iteration: 2854; Percent complete: 71.4%; Average loss: 1.6927  
Iteration: 2855; Percent complete: 71.4%; Average loss: 1.8786  
Iteration: 2856; Percent complete: 71.4%; Average loss: 1.6761  
Iteration: 2857; Percent complete: 71.4%; Average loss: 1.6932  
Iteration: 2858; Percent complete: 71.5%; Average loss: 1.7176  
Iteration: 2859; Percent complete: 71.5%; Average loss: 1.6630  
Iteration: 2860; Percent complete: 71.5%; Average loss: 1.6996  
Iteration: 2861; Percent complete: 71.5%; Average loss: 1.6466  
Iteration: 2862; Percent complete: 71.5%; Average loss: 1.9842  
Iteration: 2863; Percent complete: 71.6%; Average loss: 1.7361  
Iteration: 2864; Percent complete: 71.6%; Average loss: 1.6742  
Iteration: 2865; Percent complete: 71.6%; Average loss: 1.7106  
Iteration: 2866; Percent complete: 71.7%; Average loss: 1.9018  
Iteration: 2867; Percent complete: 71.7%; Average loss: 1.6574  
Iteration: 2868; Percent complete: 71.7%; Average loss: 1.7826  
Iteration: 2869; Percent complete: 71.7%; Average loss: 2.0122  
Iteration: 2870; Percent complete: 71.8%; Average loss: 1.6343  
Iteration: 2871; Percent complete: 71.8%; Average loss: 1.7079  
Iteration: 2872; Percent complete: 71.8%; Average loss: 1.7105  
Iteration: 2873; Percent complete: 71.8%; Average loss: 1.8912  
Iteration: 2874; Percent complete: 71.9%; Average loss: 1.7228  
Iteration: 2875; Percent complete: 71.9%; Average loss: 1.8255  
Iteration: 2876; Percent complete: 71.9%; Average loss: 1.5974  
Iteration: 2877; Percent complete: 71.9%; Average loss: 1.8729  
Iteration: 2878; Percent complete: 72.0%; Average loss: 1.9009  
Iteration: 2879; Percent complete: 72.0%; Average loss: 1.8149  
Iteration: 2880; Percent complete: 72.0%; Average loss: 1.8295  
Iteration: 2881; Percent complete: 72.0%; Average loss: 1.9700  
Iteration: 2882; Percent complete: 72.0%; Average loss: 1.7850  
Iteration: 2883; Percent complete: 72.1%; Average loss: 1.7947  
Iteration: 2884; Percent complete: 72.1%; Average loss: 1.6745  
Iteration: 2885; Percent complete: 72.1%; Average loss: 1.7772  
Iteration: 2886; Percent complete: 72.2%; Average loss: 1.9341  
Iteration: 2887; Percent complete: 72.2%; Average loss: 1.9262  
Iteration: 2888; Percent complete: 72.2%; Average loss: 1.7256  
Iteration: 2889; Percent complete: 72.2%; Average loss: 1.6373  
Iteration: 2890; Percent complete: 72.2%; Average loss: 1.9111  
Iteration: 2891; Percent complete: 72.3%; Average loss: 1.8534  
Iteration: 2892; Percent complete: 72.3%; Average loss: 1.7014  
Iteration: 2893; Percent complete: 72.3%; Average loss: 1.6837  
Iteration: 2894; Percent complete: 72.4%; Average loss: 1.9270  
Iteration: 2895; Percent complete: 72.4%; Average loss: 1.8658  
Iteration: 2896; Percent complete: 72.4%; Average loss: 2.0927

Iteration: 2897; Percent complete: 72.4%; Average loss: 1.8438  
Iteration: 2898; Percent complete: 72.5%; Average loss: 1.8527  
Iteration: 2899; Percent complete: 72.5%; Average loss: 1.8733  
Iteration: 2900; Percent complete: 72.5%; Average loss: 1.7000  
Iteration: 2901; Percent complete: 72.5%; Average loss: 1.7415  
Iteration: 2902; Percent complete: 72.5%; Average loss: 1.9128  
Iteration: 2903; Percent complete: 72.6%; Average loss: 1.8873  
Iteration: 2904; Percent complete: 72.6%; Average loss: 1.7718  
Iteration: 2905; Percent complete: 72.6%; Average loss: 1.8764  
Iteration: 2906; Percent complete: 72.7%; Average loss: 1.7540  
Iteration: 2907; Percent complete: 72.7%; Average loss: 1.7520  
Iteration: 2908; Percent complete: 72.7%; Average loss: 1.5747  
Iteration: 2909; Percent complete: 72.7%; Average loss: 1.9072  
Iteration: 2910; Percent complete: 72.8%; Average loss: 1.9337  
Iteration: 2911; Percent complete: 72.8%; Average loss: 1.9230  
Iteration: 2912; Percent complete: 72.8%; Average loss: 1.7094  
Iteration: 2913; Percent complete: 72.8%; Average loss: 1.5535  
Iteration: 2914; Percent complete: 72.9%; Average loss: 1.7317  
Iteration: 2915; Percent complete: 72.9%; Average loss: 1.8792  
Iteration: 2916; Percent complete: 72.9%; Average loss: 1.7020  
Iteration: 2917; Percent complete: 72.9%; Average loss: 1.8787  
Iteration: 2918; Percent complete: 73.0%; Average loss: 1.5912  
Iteration: 2919; Percent complete: 73.0%; Average loss: 1.6584  
Iteration: 2920; Percent complete: 73.0%; Average loss: 1.9786  
Iteration: 2921; Percent complete: 73.0%; Average loss: 1.9903  
Iteration: 2922; Percent complete: 73.0%; Average loss: 1.6949  
Iteration: 2923; Percent complete: 73.1%; Average loss: 1.7154  
Iteration: 2924; Percent complete: 73.1%; Average loss: 1.9729  
Iteration: 2925; Percent complete: 73.1%; Average loss: 1.8834  
Iteration: 2926; Percent complete: 73.2%; Average loss: 1.7973  
Iteration: 2927; Percent complete: 73.2%; Average loss: 2.0395  
Iteration: 2928; Percent complete: 73.2%; Average loss: 1.6800  
Iteration: 2929; Percent complete: 73.2%; Average loss: 1.7101  
Iteration: 2930; Percent complete: 73.2%; Average loss: 1.6224  
Iteration: 2931; Percent complete: 73.3%; Average loss: 1.5505  
Iteration: 2932; Percent complete: 73.3%; Average loss: 2.0108  
Iteration: 2933; Percent complete: 73.3%; Average loss: 1.6546  
Iteration: 2934; Percent complete: 73.4%; Average loss: 1.7067  
Iteration: 2935; Percent complete: 73.4%; Average loss: 1.9216  
Iteration: 2936; Percent complete: 73.4%; Average loss: 1.7315  
Iteration: 2937; Percent complete: 73.4%; Average loss: 1.7637  
Iteration: 2938; Percent complete: 73.5%; Average loss: 1.8794  
Iteration: 2939; Percent complete: 73.5%; Average loss: 1.9843  
Iteration: 2940; Percent complete: 73.5%; Average loss: 2.1031  
Iteration: 2941; Percent complete: 73.5%; Average loss: 1.9594  
Iteration: 2942; Percent complete: 73.6%; Average loss: 2.0332  
Iteration: 2943; Percent complete: 73.6%; Average loss: 1.8730  
Iteration: 2944; Percent complete: 73.6%; Average loss: 1.6629  
Iteration: 2945; Percent complete: 73.6%; Average loss: 1.7950  
Iteration: 2946; Percent complete: 73.7%; Average loss: 1.6693  
Iteration: 2947; Percent complete: 73.7%; Average loss: 1.8980  
Iteration: 2948; Percent complete: 73.7%; Average loss: 1.6659  
Iteration: 2949; Percent complete: 73.7%; Average loss: 1.8015  
Iteration: 2950; Percent complete: 73.8%; Average loss: 1.7376  
Iteration: 2951; Percent complete: 73.8%; Average loss: 1.8721  
Iteration: 2952; Percent complete: 73.8%; Average loss: 1.7575  
Iteration: 2953; Percent complete: 73.8%; Average loss: 1.6933  
Iteration: 2954; Percent complete: 73.9%; Average loss: 1.7699  
Iteration: 2955; Percent complete: 73.9%; Average loss: 1.8128  
Iteration: 2956; Percent complete: 73.9%; Average loss: 1.7644  
Iteration: 2957; Percent complete: 73.9%; Average loss: 1.6066  
Iteration: 2958; Percent complete: 74.0%; Average loss: 1.6431  
Iteration: 2959; Percent complete: 74.0%; Average loss: 1.8063  
Iteration: 2960; Percent complete: 74.0%; Average loss: 1.9071  
Iteration: 2961; Percent complete: 74.0%; Average loss: 1.9704  
Iteration: 2962; Percent complete: 74.1%; Average loss: 1.8210  
Iteration: 2963; Percent complete: 74.1%; Average loss: 1.9208  
Iteration: 2964; Percent complete: 74.1%; Average loss: 1.8043  
Iteration: 2965; Percent complete: 74.1%; Average loss: 1.8670  
Iteration: 2966; Percent complete: 74.2%; Average loss: 2.0162  
Iteration: 2967; Percent complete: 74.2%; Average loss: 1.6898  
Iteration: 2968; Percent complete: 74.2%; Average loss: 1.6405  
Iteration: 2969; Percent complete: 74.2%; Average loss: 1.9351  
Iteration: 2970; Percent complete: 74.2%; Average loss: 1.6570  
Iteration: 2971; Percent complete: 74.3%; Average loss: 1.9858  
Iteration: 2972; Percent complete: 74.3%; Average loss: 1.8064  
Iteration: 2973; Percent complete: 74.3%; Average loss: 1.9457  
Iteration: 2974; Percent complete: 74.4%; Average loss: 1.6538  
Iteration: 2975; Percent complete: 74.4%; Average loss: 1.6708  
Iteration: 2976; Percent complete: 74.4%; Average loss: 1.7581  
Iteration: 2977; Percent complete: 74.4%; Average loss: 1.7202  
Iteration: 2978; Percent complete: 74.5%; Average loss: 2.0283  
Iteration: 2979; Percent complete: 74.5%; Average loss: 1.5900  
Iteration: 2980; Percent complete: 74.5%; Average loss: 1.6110  
Iteration: 2981; Percent complete: 74.5%; Average loss: 1.8741  
Iteration: 2982; Percent complete: 74.6%; Average loss: 1.7123  
Iteration: 2983; Percent complete: 74.6%; Average loss: 1.7919  
Iteration: 2984; Percent complete: 74.6%; Average loss: 1.6842  
Iteration: 2985; Percent complete: 74.6%; Average loss: 1.7668  
Iteration: 2986; Percent complete: 74.7%; Average loss: 1.7473  
Iteration: 2987; Percent complete: 74.7%; Average loss: 1.6937  
Iteration: 2988; Percent complete: 74.7%; Average loss: 1.8931



Iteration: 2988; Percent complete: 74.7%; Average loss: 1.8871  
Iteration: 2989; Percent complete: 74.7%; Average loss: 1.8742  
Iteration: 2990; Percent complete: 74.8%; Average loss: 1.9359  
Iteration: 2991; Percent complete: 74.8%; Average loss: 1.9321  
Iteration: 2992; Percent complete: 74.8%; Average loss: 1.8772  
Iteration: 2993; Percent complete: 74.8%; Average loss: 1.8583  
Iteration: 2994; Percent complete: 74.9%; Average loss: 1.7882  
Iteration: 2995; Percent complete: 74.9%; Average loss: 1.8558  
Iteration: 2996; Percent complete: 74.9%; Average loss: 1.6362  
Iteration: 2997; Percent complete: 74.9%; Average loss: 1.8132  
Iteration: 2998; Percent complete: 75.0%; Average loss: 1.9662  
Iteration: 2999; Percent complete: 75.0%; Average loss: 1.6457  
Iteration: 3000; Percent complete: 75.0%; Average loss: 1.6190  
Iteration: 3001; Percent complete: 75.0%; Average loss: 1.8309  
Iteration: 3002; Percent complete: 75.0%; Average loss: 1.7012  
Iteration: 3003; Percent complete: 75.1%; Average loss: 1.9050  
Iteration: 3004; Percent complete: 75.1%; Average loss: 1.7471  
Iteration: 3005; Percent complete: 75.1%; Average loss: 1.7738  
Iteration: 3006; Percent complete: 75.1%; Average loss: 1.6488  
Iteration: 3007; Percent complete: 75.2%; Average loss: 1.8090  
Iteration: 3008; Percent complete: 75.2%; Average loss: 1.8323  
Iteration: 3009; Percent complete: 75.2%; Average loss: 1.7049  
Iteration: 3010; Percent complete: 75.2%; Average loss: 1.8099  
Iteration: 3011; Percent complete: 75.3%; Average loss: 1.8653  
Iteration: 3012; Percent complete: 75.3%; Average loss: 1.9138  
Iteration: 3013; Percent complete: 75.3%; Average loss: 2.0382  
Iteration: 3014; Percent complete: 75.3%; Average loss: 2.0654  
Iteration: 3015; Percent complete: 75.4%; Average loss: 1.9421  
Iteration: 3016; Percent complete: 75.4%; Average loss: 1.9485  
Iteration: 3017; Percent complete: 75.4%; Average loss: 1.7427  
Iteration: 3018; Percent complete: 75.4%; Average loss: 2.0943  
Iteration: 3019; Percent complete: 75.5%; Average loss: 1.6759  
Iteration: 3020; Percent complete: 75.5%; Average loss: 1.9164  
Iteration: 3021; Percent complete: 75.5%; Average loss: 1.8192  
Iteration: 3022; Percent complete: 75.5%; Average loss: 1.9628  
Iteration: 3023; Percent complete: 75.6%; Average loss: 1.8881  
Iteration: 3024; Percent complete: 75.6%; Average loss: 1.6857  
Iteration: 3025; Percent complete: 75.6%; Average loss: 1.5077  
Iteration: 3026; Percent complete: 75.6%; Average loss: 1.7964  
Iteration: 3027; Percent complete: 75.7%; Average loss: 1.8237  
Iteration: 3028; Percent complete: 75.7%; Average loss: 1.7470  
Iteration: 3029; Percent complete: 75.7%; Average loss: 1.7465  
Iteration: 3030; Percent complete: 75.8%; Average loss: 1.7422  
Iteration: 3031; Percent complete: 75.8%; Average loss: 1.7237  
Iteration: 3032; Percent complete: 75.8%; Average loss: 2.1051  
Iteration: 3033; Percent complete: 75.8%; Average loss: 2.0028  
Iteration: 3034; Percent complete: 75.8%; Average loss: 1.7017  
Iteration: 3035; Percent complete: 75.9%; Average loss: 1.6940  
Iteration: 3036; Percent complete: 75.9%; Average loss: 1.8928  
Iteration: 3037; Percent complete: 75.9%; Average loss: 1.8061  
Iteration: 3038; Percent complete: 75.9%; Average loss: 1.7817  
Iteration: 3039; Percent complete: 76.0%; Average loss: 1.6948  
Iteration: 3040; Percent complete: 76.0%; Average loss: 1.8487  
Iteration: 3041; Percent complete: 76.0%; Average loss: 1.7848  
Iteration: 3042; Percent complete: 76.0%; Average loss: 1.9536  
Iteration: 3043; Percent complete: 76.1%; Average loss: 1.7579  
Iteration: 3044; Percent complete: 76.1%; Average loss: 1.8201  
Iteration: 3045; Percent complete: 76.1%; Average loss: 1.7417  
Iteration: 3046; Percent complete: 76.1%; Average loss: 1.6249  
Iteration: 3047; Percent complete: 76.2%; Average loss: 1.7351  
Iteration: 3048; Percent complete: 76.2%; Average loss: 1.8531  
Iteration: 3049; Percent complete: 76.2%; Average loss: 1.7540  
Iteration: 3050; Percent complete: 76.2%; Average loss: 1.8749  
Iteration: 3051; Percent complete: 76.3%; Average loss: 1.9682  
Iteration: 3052; Percent complete: 76.3%; Average loss: 1.6988  
Iteration: 3053; Percent complete: 76.3%; Average loss: 1.8641  
Iteration: 3054; Percent complete: 76.3%; Average loss: 1.7594  
Iteration: 3055; Percent complete: 76.4%; Average loss: 1.6627  
Iteration: 3056; Percent complete: 76.4%; Average loss: 1.8212  
Iteration: 3057; Percent complete: 76.4%; Average loss: 1.8333  
Iteration: 3058; Percent complete: 76.4%; Average loss: 1.6452  
Iteration: 3059; Percent complete: 76.5%; Average loss: 1.7184  
Iteration: 3060; Percent complete: 76.5%; Average loss: 1.7683  
Iteration: 3061; Percent complete: 76.5%; Average loss: 1.6284  
Iteration: 3062; Percent complete: 76.5%; Average loss: 1.8112  
Iteration: 3063; Percent complete: 76.6%; Average loss: 1.6185  
Iteration: 3064; Percent complete: 76.6%; Average loss: 1.8419  
Iteration: 3065; Percent complete: 76.6%; Average loss: 1.7185  
Iteration: 3066; Percent complete: 76.6%; Average loss: 1.7805  
Iteration: 3067; Percent complete: 76.7%; Average loss: 1.8070  
Iteration: 3068; Percent complete: 76.7%; Average loss: 1.7351  
Iteration: 3069; Percent complete: 76.7%; Average loss: 1.5829  
Iteration: 3070; Percent complete: 76.8%; Average loss: 1.7513  
Iteration: 3071; Percent complete: 76.8%; Average loss: 1.6165  
Iteration: 3072; Percent complete: 76.8%; Average loss: 1.8535  
Iteration: 3073; Percent complete: 76.8%; Average loss: 1.9656  
Iteration: 3074; Percent complete: 76.8%; Average loss: 1.7749  
Iteration: 3075; Percent complete: 76.9%; Average loss: 1.7292  
Iteration: 3076; Percent complete: 76.9%; Average loss: 1.8859  
Iteration: 3077; Percent complete: 76.9%; Average loss: 1.6548  
Iteration: 3078; Percent complete: 77.0%; Average loss: 1.8315  
Iteration: 3079; Percent complete: 77.0%; Average loss: 1.9565



Iteration: 3171; Percent complete: 79.3%; Average loss: 1.7716  
Iteration: 3172; Percent complete: 79.3%; Average loss: 2.0015  
Iteration: 3173; Percent complete: 79.3%; Average loss: 1.8554  
Iteration: 3174; Percent complete: 79.3%; Average loss: 1.5808  
Iteration: 3175; Percent complete: 79.4%; Average loss: 1.6870  
Iteration: 3176; Percent complete: 79.4%; Average loss: 1.7569  
Iteration: 3177; Percent complete: 79.4%; Average loss: 1.6670  
Iteration: 3178; Percent complete: 79.5%; Average loss: 1.7550  
Iteration: 3179; Percent complete: 79.5%; Average loss: 1.6868  
Iteration: 3180; Percent complete: 79.5%; Average loss: 1.9639  
Iteration: 3181; Percent complete: 79.5%; Average loss: 1.8573  
Iteration: 3182; Percent complete: 79.5%; Average loss: 1.8451  
Iteration: 3183; Percent complete: 79.6%; Average loss: 1.9075  
Iteration: 3184; Percent complete: 79.6%; Average loss: 1.6541  
Iteration: 3185; Percent complete: 79.6%; Average loss: 1.9363  
Iteration: 3186; Percent complete: 79.7%; Average loss: 1.8122  
Iteration: 3187; Percent complete: 79.7%; Average loss: 1.7723  
Iteration: 3188; Percent complete: 79.7%; Average loss: 1.8491  
Iteration: 3189; Percent complete: 79.7%; Average loss: 1.7650  
Iteration: 3190; Percent complete: 79.8%; Average loss: 1.7421  
Iteration: 3191; Percent complete: 79.8%; Average loss: 1.8600  
Iteration: 3192; Percent complete: 79.8%; Average loss: 1.8966  
Iteration: 3193; Percent complete: 79.8%; Average loss: 1.7940  
Iteration: 3194; Percent complete: 79.8%; Average loss: 1.8700  
Iteration: 3195; Percent complete: 79.9%; Average loss: 2.0760  
Iteration: 3196; Percent complete: 79.9%; Average loss: 1.7448  
Iteration: 3197; Percent complete: 79.9%; Average loss: 1.8387  
Iteration: 3198; Percent complete: 80.0%; Average loss: 1.5033  
Iteration: 3199; Percent complete: 80.0%; Average loss: 1.5935  
Iteration: 3200; Percent complete: 80.0%; Average loss: 1.6460  
Iteration: 3201; Percent complete: 80.0%; Average loss: 1.8782  
Iteration: 3202; Percent complete: 80.0%; Average loss: 1.9590  
Iteration: 3203; Percent complete: 80.1%; Average loss: 1.7891  
Iteration: 3204; Percent complete: 80.1%; Average loss: 1.7137  
Iteration: 3205; Percent complete: 80.1%; Average loss: 1.8759  
Iteration: 3206; Percent complete: 80.2%; Average loss: 1.6794  
Iteration: 3207; Percent complete: 80.2%; Average loss: 1.8429  
Iteration: 3208; Percent complete: 80.2%; Average loss: 2.0782  
Iteration: 3209; Percent complete: 80.2%; Average loss: 1.7022  
Iteration: 3210; Percent complete: 80.2%; Average loss: 1.7978  
Iteration: 3211; Percent complete: 80.3%; Average loss: 1.7909  
Iteration: 3212; Percent complete: 80.3%; Average loss: 2.0106  
Iteration: 3213; Percent complete: 80.3%; Average loss: 1.7917  
Iteration: 3214; Percent complete: 80.3%; Average loss: 1.7495  
Iteration: 3215; Percent complete: 80.4%; Average loss: 2.0492  
Iteration: 3216; Percent complete: 80.4%; Average loss: 2.1192  
Iteration: 3217; Percent complete: 80.4%; Average loss: 1.7669  
Iteration: 3218; Percent complete: 80.5%; Average loss: 1.6183  
Iteration: 3219; Percent complete: 80.5%; Average loss: 1.9150  
Iteration: 3220; Percent complete: 80.5%; Average loss: 1.5102  
Iteration: 3221; Percent complete: 80.5%; Average loss: 1.8651  
Iteration: 3222; Percent complete: 80.5%; Average loss: 1.8335  
Iteration: 3223; Percent complete: 80.6%; Average loss: 1.6021  
Iteration: 3224; Percent complete: 80.6%; Average loss: 1.7826  
Iteration: 3225; Percent complete: 80.6%; Average loss: 1.8783  
Iteration: 3226; Percent complete: 80.7%; Average loss: 1.8541  
Iteration: 3227; Percent complete: 80.7%; Average loss: 1.8667  
Iteration: 3228; Percent complete: 80.7%; Average loss: 1.5879  
Iteration: 3229; Percent complete: 80.7%; Average loss: 1.8201  
Iteration: 3230; Percent complete: 80.8%; Average loss: 1.7914  
Iteration: 3231; Percent complete: 80.8%; Average loss: 1.9629  
Iteration: 3232; Percent complete: 80.8%; Average loss: 1.9540  
Iteration: 3233; Percent complete: 80.8%; Average loss: 1.7164  
Iteration: 3234; Percent complete: 80.8%; Average loss: 1.8600  
Iteration: 3235; Percent complete: 80.9%; Average loss: 2.1239  
Iteration: 3236; Percent complete: 80.9%; Average loss: 1.7386  
Iteration: 3237; Percent complete: 80.9%; Average loss: 1.8152  
Iteration: 3238; Percent complete: 81.0%; Average loss: 1.6068  
Iteration: 3239; Percent complete: 81.0%; Average loss: 1.6039  
Iteration: 3240; Percent complete: 81.0%; Average loss: 1.6333  
Iteration: 3241; Percent complete: 81.0%; Average loss: 2.0434  
Iteration: 3242; Percent complete: 81.0%; Average loss: 1.9037  
Iteration: 3243; Percent complete: 81.1%; Average loss: 1.6750  
Iteration: 3244; Percent complete: 81.1%; Average loss: 1.9457  
Iteration: 3245; Percent complete: 81.1%; Average loss: 1.6263  
Iteration: 3246; Percent complete: 81.2%; Average loss: 1.9238  
Iteration: 3247; Percent complete: 81.2%; Average loss: 1.6447  
Iteration: 3248; Percent complete: 81.2%; Average loss: 1.7660  
Iteration: 3249; Percent complete: 81.2%; Average loss: 1.9769  
Iteration: 3250; Percent complete: 81.2%; Average loss: 1.5579  
Iteration: 3251; Percent complete: 81.3%; Average loss: 1.8938  
Iteration: 3252; Percent complete: 81.3%; Average loss: 1.6158  
Iteration: 3253; Percent complete: 81.3%; Average loss: 1.6558  
Iteration: 3254; Percent complete: 81.3%; Average loss: 1.8704  
Iteration: 3255; Percent complete: 81.4%; Average loss: 1.8695  
Iteration: 3256; Percent complete: 81.4%; Average loss: 1.8661  
Iteration: 3257; Percent complete: 81.4%; Average loss: 1.8196  
Iteration: 3258; Percent complete: 81.5%; Average loss: 1.7211  
Iteration: 3259; Percent complete: 81.5%; Average loss: 1.7118  
Iteration: 3260; Percent complete: 81.5%; Average loss: 1.9035  
Iteration: 3261; Percent complete: 81.5%; Average loss: 1.5764

Iteration: 3262; Percent complete: 81.5%; Average loss: 1.6454  
Iteration: 3263; Percent complete: 81.6%; Average loss: 1.7792  
Iteration: 3264; Percent complete: 81.6%; Average loss: 1.9445  
Iteration: 3265; Percent complete: 81.6%; Average loss: 1.9648  
Iteration: 3266; Percent complete: 81.7%; Average loss: 1.8242  
Iteration: 3267; Percent complete: 81.7%; Average loss: 1.8103  
Iteration: 3268; Percent complete: 81.7%; Average loss: 1.7277  
Iteration: 3269; Percent complete: 81.7%; Average loss: 1.8117  
Iteration: 3270; Percent complete: 81.8%; Average loss: 1.8718  
Iteration: 3271; Percent complete: 81.8%; Average loss: 1.7886  
Iteration: 3272; Percent complete: 81.8%; Average loss: 1.8978  
Iteration: 3273; Percent complete: 81.8%; Average loss: 1.8081  
Iteration: 3274; Percent complete: 81.8%; Average loss: 1.7591  
Iteration: 3275; Percent complete: 81.9%; Average loss: 1.7257  
Iteration: 3276; Percent complete: 81.9%; Average loss: 1.8361  
Iteration: 3277; Percent complete: 81.9%; Average loss: 1.7264  
Iteration: 3278; Percent complete: 82.0%; Average loss: 1.6130  
Iteration: 3279; Percent complete: 82.0%; Average loss: 1.7416  
Iteration: 3280; Percent complete: 82.0%; Average loss: 1.8244  
Iteration: 3281; Percent complete: 82.0%; Average loss: 2.1604  
Iteration: 3282; Percent complete: 82.0%; Average loss: 2.0042  
Iteration: 3283; Percent complete: 82.1%; Average loss: 1.6535  
Iteration: 3284; Percent complete: 82.1%; Average loss: 1.8014  
Iteration: 3285; Percent complete: 82.1%; Average loss: 1.9352  
Iteration: 3286; Percent complete: 82.2%; Average loss: 1.5489  
Iteration: 3287; Percent complete: 82.2%; Average loss: 1.9249  
Iteration: 3288; Percent complete: 82.2%; Average loss: 1.6171  
Iteration: 3289; Percent complete: 82.2%; Average loss: 1.7505  
Iteration: 3290; Percent complete: 82.2%; Average loss: 1.8789  
Iteration: 3291; Percent complete: 82.3%; Average loss: 1.7354  
Iteration: 3292; Percent complete: 82.3%; Average loss: 1.8041  
Iteration: 3293; Percent complete: 82.3%; Average loss: 1.3775  
Iteration: 3294; Percent complete: 82.3%; Average loss: 2.1733  
Iteration: 3295; Percent complete: 82.4%; Average loss: 1.6744  
Iteration: 3296; Percent complete: 82.4%; Average loss: 1.7337  
Iteration: 3297; Percent complete: 82.4%; Average loss: 1.6267  
Iteration: 3298; Percent complete: 82.5%; Average loss: 1.5169  
Iteration: 3299; Percent complete: 82.5%; Average loss: 1.8574  
Iteration: 3300; Percent complete: 82.5%; Average loss: 1.8569  
Iteration: 3301; Percent complete: 82.5%; Average loss: 1.7087  
Iteration: 3302; Percent complete: 82.5%; Average loss: 1.6860  
Iteration: 3303; Percent complete: 82.6%; Average loss: 1.8290  
Iteration: 3304; Percent complete: 82.6%; Average loss: 2.0406  
Iteration: 3305; Percent complete: 82.6%; Average loss: 1.6820  
Iteration: 3306; Percent complete: 82.7%; Average loss: 1.8980  
Iteration: 3307; Percent complete: 82.7%; Average loss: 1.9562  
Iteration: 3308; Percent complete: 82.7%; Average loss: 1.6578  
Iteration: 3309; Percent complete: 82.7%; Average loss: 1.7663  
Iteration: 3310; Percent complete: 82.8%; Average loss: 1.6638  
Iteration: 3311; Percent complete: 82.8%; Average loss: 1.7220  
Iteration: 3312; Percent complete: 82.8%; Average loss: 1.7141  
Iteration: 3313; Percent complete: 82.8%; Average loss: 1.5473  
Iteration: 3314; Percent complete: 82.8%; Average loss: 1.7129  
Iteration: 3315; Percent complete: 82.9%; Average loss: 1.7851  
Iteration: 3316; Percent complete: 82.9%; Average loss: 1.7555  
Iteration: 3317; Percent complete: 82.9%; Average loss: 1.8214  
Iteration: 3318; Percent complete: 83.0%; Average loss: 1.7393  
Iteration: 3319; Percent complete: 83.0%; Average loss: 1.6218  
Iteration: 3320; Percent complete: 83.0%; Average loss: 1.7310  
Iteration: 3321; Percent complete: 83.0%; Average loss: 1.9381  
Iteration: 3322; Percent complete: 83.0%; Average loss: 1.5931  
Iteration: 3323; Percent complete: 83.1%; Average loss: 1.8161  
Iteration: 3324; Percent complete: 83.1%; Average loss: 2.0032  
Iteration: 3325; Percent complete: 83.1%; Average loss: 1.8049  
Iteration: 3326; Percent complete: 83.2%; Average loss: 1.8653  
Iteration: 3327; Percent complete: 83.2%; Average loss: 1.8550  
Iteration: 3328; Percent complete: 83.2%; Average loss: 2.0420  
Iteration: 3329; Percent complete: 83.2%; Average loss: 1.5496  
Iteration: 3330; Percent complete: 83.2%; Average loss: 1.6791  
Iteration: 3331; Percent complete: 83.3%; Average loss: 1.8762  
Iteration: 3332; Percent complete: 83.3%; Average loss: 1.8001  
Iteration: 3333; Percent complete: 83.3%; Average loss: 1.8100  
Iteration: 3334; Percent complete: 83.4%; Average loss: 1.7325  
Iteration: 3335; Percent complete: 83.4%; Average loss: 1.8781  
Iteration: 3336; Percent complete: 83.4%; Average loss: 1.5807  
Iteration: 3337; Percent complete: 83.4%; Average loss: 1.8099  
Iteration: 3338; Percent complete: 83.5%; Average loss: 1.5405  
Iteration: 3339; Percent complete: 83.5%; Average loss: 1.7303  
Iteration: 3340; Percent complete: 83.5%; Average loss: 2.0549  
Iteration: 3341; Percent complete: 83.5%; Average loss: 1.9261  
Iteration: 3342; Percent complete: 83.5%; Average loss: 1.7437  
Iteration: 3343; Percent complete: 83.6%; Average loss: 1.5914  
Iteration: 3344; Percent complete: 83.6%; Average loss: 1.6280  
Iteration: 3345; Percent complete: 83.6%; Average loss: 1.6934  
Iteration: 3346; Percent complete: 83.7%; Average loss: 1.7024  
Iteration: 3347; Percent complete: 83.7%; Average loss: 1.9025  
Iteration: 3348; Percent complete: 83.7%; Average loss: 1.8525  
Iteration: 3349; Percent complete: 83.7%; Average loss: 1.9748  
Iteration: 3350; Percent complete: 83.8%; Average loss: 1.7574  
Iteration: 3351; Percent complete: 83.8%; Average loss: 1.8101  
Iteration: 3352; Percent complete: 83.8%; Average loss: 1.8341  
Iteration: 3353; Percent complete: 83.8%; Average loss: 1.8333

Iteration: 3353; Percent complete: 83.8%; Average loss: 1.8232  
Iteration: 3354; Percent complete: 83.9%; Average loss: 1.8789  
Iteration: 3355; Percent complete: 83.9%; Average loss: 1.6539  
Iteration: 3356; Percent complete: 83.9%; Average loss: 1.8612  
Iteration: 3357; Percent complete: 83.9%; Average loss: 1.8807  
Iteration: 3358; Percent complete: 84.0%; Average loss: 1.6368  
Iteration: 3359; Percent complete: 84.0%; Average loss: 1.7234  
Iteration: 3360; Percent complete: 84.0%; Average loss: 1.7403  
Iteration: 3361; Percent complete: 84.0%; Average loss: 1.6793  
Iteration: 3362; Percent complete: 84.0%; Average loss: 1.8923  
Iteration: 3363; Percent complete: 84.1%; Average loss: 1.9927  
Iteration: 3364; Percent complete: 84.1%; Average loss: 1.9182  
Iteration: 3365; Percent complete: 84.1%; Average loss: 1.5632  
Iteration: 3366; Percent complete: 84.2%; Average loss: 1.9192  
Iteration: 3367; Percent complete: 84.2%; Average loss: 1.5010  
Iteration: 3368; Percent complete: 84.2%; Average loss: 1.7792  
Iteration: 3369; Percent complete: 84.2%; Average loss: 1.7017  
Iteration: 3370; Percent complete: 84.2%; Average loss: 1.8971  
Iteration: 3371; Percent complete: 84.3%; Average loss: 1.8893  
Iteration: 3372; Percent complete: 84.3%; Average loss: 1.7675  
Iteration: 3373; Percent complete: 84.3%; Average loss: 1.8366  
Iteration: 3374; Percent complete: 84.4%; Average loss: 1.9718  
Iteration: 3375; Percent complete: 84.4%; Average loss: 1.7959  
Iteration: 3376; Percent complete: 84.4%; Average loss: 1.5785  
Iteration: 3377; Percent complete: 84.4%; Average loss: 1.6174  
Iteration: 3378; Percent complete: 84.5%; Average loss: 1.6924  
Iteration: 3379; Percent complete: 84.5%; Average loss: 1.7897  
Iteration: 3380; Percent complete: 84.5%; Average loss: 1.6201  
Iteration: 3381; Percent complete: 84.5%; Average loss: 1.6481  
Iteration: 3382; Percent complete: 84.5%; Average loss: 1.5423  
Iteration: 3383; Percent complete: 84.6%; Average loss: 1.7152  
Iteration: 3384; Percent complete: 84.6%; Average loss: 1.8207  
Iteration: 3385; Percent complete: 84.6%; Average loss: 1.8143  
Iteration: 3386; Percent complete: 84.7%; Average loss: 1.8706  
Iteration: 3387; Percent complete: 84.7%; Average loss: 1.8505  
Iteration: 3388; Percent complete: 84.7%; Average loss: 1.6699  
Iteration: 3389; Percent complete: 84.7%; Average loss: 1.6006  
Iteration: 3390; Percent complete: 84.8%; Average loss: 1.7382  
Iteration: 3391; Percent complete: 84.8%; Average loss: 1.7408  
Iteration: 3392; Percent complete: 84.8%; Average loss: 1.7335  
Iteration: 3393; Percent complete: 84.8%; Average loss: 1.9378  
Iteration: 3394; Percent complete: 84.9%; Average loss: 1.9170  
Iteration: 3395; Percent complete: 84.9%; Average loss: 1.8540  
Iteration: 3396; Percent complete: 84.9%; Average loss: 1.6771  
Iteration: 3397; Percent complete: 84.9%; Average loss: 1.7827  
Iteration: 3398; Percent complete: 85.0%; Average loss: 1.8383  
Iteration: 3399; Percent complete: 85.0%; Average loss: 1.6490  
Iteration: 3400; Percent complete: 85.0%; Average loss: 1.9289  
Iteration: 3401; Percent complete: 85.0%; Average loss: 1.6439  
Iteration: 3402; Percent complete: 85.0%; Average loss: 1.9532  
Iteration: 3403; Percent complete: 85.1%; Average loss: 1.7196  
Iteration: 3404; Percent complete: 85.1%; Average loss: 1.6937  
Iteration: 3405; Percent complete: 85.1%; Average loss: 2.0198  
Iteration: 3406; Percent complete: 85.2%; Average loss: 1.7721  
Iteration: 3407; Percent complete: 85.2%; Average loss: 1.6944  
Iteration: 3408; Percent complete: 85.2%; Average loss: 1.7598  
Iteration: 3409; Percent complete: 85.2%; Average loss: 1.9240  
Iteration: 3410; Percent complete: 85.2%; Average loss: 1.7681  
Iteration: 3411; Percent complete: 85.3%; Average loss: 1.8805  
Iteration: 3412; Percent complete: 85.3%; Average loss: 1.3905  
Iteration: 3413; Percent complete: 85.3%; Average loss: 2.0694  
Iteration: 3414; Percent complete: 85.4%; Average loss: 2.0639  
Iteration: 3415; Percent complete: 85.4%; Average loss: 1.8098  
Iteration: 3416; Percent complete: 85.4%; Average loss: 1.7887  
Iteration: 3417; Percent complete: 85.4%; Average loss: 2.0323  
Iteration: 3418; Percent complete: 85.5%; Average loss: 1.8867  
Iteration: 3419; Percent complete: 85.5%; Average loss: 1.7818  
Iteration: 3420; Percent complete: 85.5%; Average loss: 1.9680  
Iteration: 3421; Percent complete: 85.5%; Average loss: 1.7472  
Iteration: 3422; Percent complete: 85.5%; Average loss: 1.6386  
Iteration: 3423; Percent complete: 85.6%; Average loss: 1.9896  
Iteration: 3424; Percent complete: 85.6%; Average loss: 1.9139  
Iteration: 3425; Percent complete: 85.6%; Average loss: 1.6090  
Iteration: 3426; Percent complete: 85.7%; Average loss: 1.8487  
Iteration: 3427; Percent complete: 85.7%; Average loss: 1.9215  
Iteration: 3428; Percent complete: 85.7%; Average loss: 1.7669  
Iteration: 3429; Percent complete: 85.7%; Average loss: 1.6519  
Iteration: 3430; Percent complete: 85.8%; Average loss: 1.8237  
Iteration: 3431; Percent complete: 85.8%; Average loss: 1.8948  
Iteration: 3432; Percent complete: 85.8%; Average loss: 1.9846  
Iteration: 3433; Percent complete: 85.8%; Average loss: 1.9179  
Iteration: 3434; Percent complete: 85.9%; Average loss: 1.5561  
Iteration: 3435; Percent complete: 85.9%; Average loss: 2.1105  
Iteration: 3436; Percent complete: 85.9%; Average loss: 1.7126  
Iteration: 3437; Percent complete: 85.9%; Average loss: 1.6984  
Iteration: 3438; Percent complete: 86.0%; Average loss: 1.7361  
Iteration: 3439; Percent complete: 86.0%; Average loss: 1.5945  
Iteration: 3440; Percent complete: 86.0%; Average loss: 1.7435  
Iteration: 3441; Percent complete: 86.0%; Average loss: 1.7821  
Iteration: 3442; Percent complete: 86.1%; Average loss: 1.8592  
Iteration: 3443; Percent complete: 86.1%; Average loss: 1.9570  
Iteration: 3444; Percent complete: 86.1%; Average loss: 1.9144

Iteration: 3445; Percent complete: 86.1%; Average loss: 1.6571  
Iteration: 3446; Percent complete: 86.2%; Average loss: 1.8248  
Iteration: 3447; Percent complete: 86.2%; Average loss: 1.7928  
Iteration: 3448; Percent complete: 86.2%; Average loss: 1.8358  
Iteration: 3449; Percent complete: 86.2%; Average loss: 1.7199  
Iteration: 3450; Percent complete: 86.2%; Average loss: 1.7441  
Iteration: 3451; Percent complete: 86.3%; Average loss: 1.9915  
Iteration: 3452; Percent complete: 86.3%; Average loss: 1.8153  
Iteration: 3453; Percent complete: 86.3%; Average loss: 1.7982  
Iteration: 3454; Percent complete: 86.4%; Average loss: 1.8321  
Iteration: 3455; Percent complete: 86.4%; Average loss: 1.7735  
Iteration: 3456; Percent complete: 86.4%; Average loss: 1.7858  
Iteration: 3457; Percent complete: 86.4%; Average loss: 1.8925  
Iteration: 3458; Percent complete: 86.5%; Average loss: 1.6341  
Iteration: 3459; Percent complete: 86.5%; Average loss: 1.8128  
Iteration: 3460; Percent complete: 86.5%; Average loss: 1.8583  
Iteration: 3461; Percent complete: 86.5%; Average loss: 1.8153  
Iteration: 3462; Percent complete: 86.6%; Average loss: 1.7600  
Iteration: 3463; Percent complete: 86.6%; Average loss: 1.7466  
Iteration: 3464; Percent complete: 86.6%; Average loss: 1.7695  
Iteration: 3465; Percent complete: 86.6%; Average loss: 1.8481  
Iteration: 3466; Percent complete: 86.7%; Average loss: 1.5527  
Iteration: 3467; Percent complete: 86.7%; Average loss: 1.8266  
Iteration: 3468; Percent complete: 86.7%; Average loss: 1.6473  
Iteration: 3469; Percent complete: 86.7%; Average loss: 1.7808  
Iteration: 3470; Percent complete: 86.8%; Average loss: 1.5460  
Iteration: 3471; Percent complete: 86.8%; Average loss: 1.8689  
Iteration: 3472; Percent complete: 86.8%; Average loss: 1.8730  
Iteration: 3473; Percent complete: 86.8%; Average loss: 1.7441  
Iteration: 3474; Percent complete: 86.9%; Average loss: 1.8273  
Iteration: 3475; Percent complete: 86.9%; Average loss: 1.7438  
Iteration: 3476; Percent complete: 86.9%; Average loss: 2.0322  
Iteration: 3477; Percent complete: 86.9%; Average loss: 1.7722  
Iteration: 3478; Percent complete: 87.0%; Average loss: 2.0841  
Iteration: 3479; Percent complete: 87.0%; Average loss: 1.6702  
Iteration: 3480; Percent complete: 87.0%; Average loss: 1.7999  
Iteration: 3481; Percent complete: 87.0%; Average loss: 2.0258  
Iteration: 3482; Percent complete: 87.1%; Average loss: 1.8201  
Iteration: 3483; Percent complete: 87.1%; Average loss: 1.5939  
Iteration: 3484; Percent complete: 87.1%; Average loss: 1.8181  
Iteration: 3485; Percent complete: 87.1%; Average loss: 1.6418  
Iteration: 3486; Percent complete: 87.2%; Average loss: 1.7595  
Iteration: 3487; Percent complete: 87.2%; Average loss: 1.7446  
Iteration: 3488; Percent complete: 87.2%; Average loss: 1.6324  
Iteration: 3489; Percent complete: 87.2%; Average loss: 1.6884  
Iteration: 3490; Percent complete: 87.2%; Average loss: 1.7125  
Iteration: 3491; Percent complete: 87.3%; Average loss: 1.6362  
Iteration: 3492; Percent complete: 87.3%; Average loss: 1.7936  
Iteration: 3493; Percent complete: 87.3%; Average loss: 1.7932  
Iteration: 3494; Percent complete: 87.4%; Average loss: 1.8597  
Iteration: 3495; Percent complete: 87.4%; Average loss: 1.7060  
Iteration: 3496; Percent complete: 87.4%; Average loss: 1.7615  
Iteration: 3497; Percent complete: 87.4%; Average loss: 1.8687  
Iteration: 3498; Percent complete: 87.5%; Average loss: 1.7110  
Iteration: 3499; Percent complete: 87.5%; Average loss: 1.7950  
Iteration: 3500; Percent complete: 87.5%; Average loss: 1.7363  
Iteration: 3501; Percent complete: 87.5%; Average loss: 1.8659  
Iteration: 3502; Percent complete: 87.5%; Average loss: 1.8378  
Iteration: 3503; Percent complete: 87.6%; Average loss: 1.6659  
Iteration: 3504; Percent complete: 87.6%; Average loss: 1.9034  
Iteration: 3505; Percent complete: 87.6%; Average loss: 1.7803  
Iteration: 3506; Percent complete: 87.6%; Average loss: 1.7247  
Iteration: 3507; Percent complete: 87.7%; Average loss: 1.6721  
Iteration: 3508; Percent complete: 87.7%; Average loss: 1.8333  
Iteration: 3509; Percent complete: 87.7%; Average loss: 1.7624  
Iteration: 3510; Percent complete: 87.8%; Average loss: 1.6858  
Iteration: 3511; Percent complete: 87.8%; Average loss: 1.9722  
Iteration: 3512; Percent complete: 87.8%; Average loss: 1.7758  
Iteration: 3513; Percent complete: 87.8%; Average loss: 1.8839  
Iteration: 3514; Percent complete: 87.8%; Average loss: 1.7090  
Iteration: 3515; Percent complete: 87.9%; Average loss: 1.6816  
Iteration: 3516; Percent complete: 87.9%; Average loss: 1.6647  
Iteration: 3517; Percent complete: 87.9%; Average loss: 1.9182  
Iteration: 3518; Percent complete: 87.9%; Average loss: 1.9566  
Iteration: 3519; Percent complete: 88.0%; Average loss: 1.8583  
Iteration: 3520; Percent complete: 88.0%; Average loss: 1.7327  
Iteration: 3521; Percent complete: 88.0%; Average loss: 1.9601  
Iteration: 3522; Percent complete: 88.0%; Average loss: 1.7619  
Iteration: 3523; Percent complete: 88.1%; Average loss: 1.7237  
Iteration: 3524; Percent complete: 88.1%; Average loss: 1.7131  
Iteration: 3525; Percent complete: 88.1%; Average loss: 1.7237  
Iteration: 3526; Percent complete: 88.1%; Average loss: 1.7919  
Iteration: 3527; Percent complete: 88.2%; Average loss: 1.8951  
Iteration: 3528; Percent complete: 88.2%; Average loss: 1.8849  
Iteration: 3529; Percent complete: 88.2%; Average loss: 1.8657  
Iteration: 3530; Percent complete: 88.2%; Average loss: 1.7652  
Iteration: 3531; Percent complete: 88.3%; Average loss: 1.9336  
Iteration: 3532; Percent complete: 88.3%; Average loss: 1.7930  
Iteration: 3533; Percent complete: 88.3%; Average loss: 1.8031  
Iteration: 3534; Percent complete: 88.3%; Average loss: 1.7310  
Iteration: 3535; Percent complete: 88.4%; Average loss: 1.8532

Iteration: 3536; Percent complete: 88.4%; Average loss: 1.7994  
Iteration: 3537; Percent complete: 88.4%; Average loss: 1.9340  
Iteration: 3538; Percent complete: 88.4%; Average loss: 1.5316  
Iteration: 3539; Percent complete: 88.5%; Average loss: 1.9863  
Iteration: 3540; Percent complete: 88.5%; Average loss: 1.7791  
Iteration: 3541; Percent complete: 88.5%; Average loss: 1.6300  
Iteration: 3542; Percent complete: 88.5%; Average loss: 1.8152  
Iteration: 3543; Percent complete: 88.6%; Average loss: 1.7506  
Iteration: 3544; Percent complete: 88.6%; Average loss: 1.7774  
Iteration: 3545; Percent complete: 88.6%; Average loss: 1.7977  
Iteration: 3546; Percent complete: 88.6%; Average loss: 1.8647  
Iteration: 3547; Percent complete: 88.7%; Average loss: 1.6336  
Iteration: 3548; Percent complete: 88.7%; Average loss: 1.6548  
Iteration: 3549; Percent complete: 88.7%; Average loss: 1.7788  
Iteration: 3550; Percent complete: 88.8%; Average loss: 1.9644  
Iteration: 3551; Percent complete: 88.8%; Average loss: 1.7692  
Iteration: 3552; Percent complete: 88.8%; Average loss: 1.7887  
Iteration: 3553; Percent complete: 88.8%; Average loss: 1.6726  
Iteration: 3554; Percent complete: 88.8%; Average loss: 1.7324  
Iteration: 3555; Percent complete: 88.9%; Average loss: 1.8110  
Iteration: 3556; Percent complete: 88.9%; Average loss: 1.7754  
Iteration: 3557; Percent complete: 88.9%; Average loss: 1.7399  
Iteration: 3558; Percent complete: 88.9%; Average loss: 2.0103  
Iteration: 3559; Percent complete: 89.0%; Average loss: 1.8136  
Iteration: 3560; Percent complete: 89.0%; Average loss: 1.8457  
Iteration: 3561; Percent complete: 89.0%; Average loss: 2.0158  
Iteration: 3562; Percent complete: 89.0%; Average loss: 1.7813  
Iteration: 3563; Percent complete: 89.1%; Average loss: 1.7214  
Iteration: 3564; Percent complete: 89.1%; Average loss: 1.8919  
Iteration: 3565; Percent complete: 89.1%; Average loss: 1.8791  
Iteration: 3566; Percent complete: 89.1%; Average loss: 1.9021  
Iteration: 3567; Percent complete: 89.2%; Average loss: 1.8609  
Iteration: 3568; Percent complete: 89.2%; Average loss: 1.7358  
Iteration: 3569; Percent complete: 89.2%; Average loss: 1.7193  
Iteration: 3570; Percent complete: 89.2%; Average loss: 1.8898  
Iteration: 3571; Percent complete: 89.3%; Average loss: 1.5532  
Iteration: 3572; Percent complete: 89.3%; Average loss: 1.6298  
Iteration: 3573; Percent complete: 89.3%; Average loss: 1.9052  
Iteration: 3574; Percent complete: 89.3%; Average loss: 1.8548  
Iteration: 3575; Percent complete: 89.4%; Average loss: 1.8080  
Iteration: 3576; Percent complete: 89.4%; Average loss: 1.9740  
Iteration: 3577; Percent complete: 89.4%; Average loss: 1.6966  
Iteration: 3578; Percent complete: 89.5%; Average loss: 1.9331  
Iteration: 3579; Percent complete: 89.5%; Average loss: 1.7002  
Iteration: 3580; Percent complete: 89.5%; Average loss: 1.9019  
Iteration: 3581; Percent complete: 89.5%; Average loss: 1.7716  
Iteration: 3582; Percent complete: 89.5%; Average loss: 1.8372  
Iteration: 3583; Percent complete: 89.6%; Average loss: 1.8198  
Iteration: 3584; Percent complete: 89.6%; Average loss: 1.6019  
Iteration: 3585; Percent complete: 89.6%; Average loss: 1.9235  
Iteration: 3586; Percent complete: 89.6%; Average loss: 1.8300  
Iteration: 3587; Percent complete: 89.7%; Average loss: 1.8460  
Iteration: 3588; Percent complete: 89.7%; Average loss: 1.9299  
Iteration: 3589; Percent complete: 89.7%; Average loss: 1.7434  
Iteration: 3590; Percent complete: 89.8%; Average loss: 1.6578  
Iteration: 3591; Percent complete: 89.8%; Average loss: 1.5790  
Iteration: 3592; Percent complete: 89.8%; Average loss: 1.7575  
Iteration: 3593; Percent complete: 89.8%; Average loss: 1.6385  
Iteration: 3594; Percent complete: 89.8%; Average loss: 1.9570  
Iteration: 3595; Percent complete: 89.9%; Average loss: 1.6693  
Iteration: 3596; Percent complete: 89.9%; Average loss: 1.5551  
Iteration: 3597; Percent complete: 89.9%; Average loss: 1.8110  
Iteration: 3598; Percent complete: 90.0%; Average loss: 1.6959  
Iteration: 3599; Percent complete: 90.0%; Average loss: 1.7869  
Iteration: 3600; Percent complete: 90.0%; Average loss: 1.8199  
Iteration: 3601; Percent complete: 90.0%; Average loss: 1.6785  
Iteration: 3602; Percent complete: 90.0%; Average loss: 1.5962  
Iteration: 3603; Percent complete: 90.1%; Average loss: 1.7063  
Iteration: 3604; Percent complete: 90.1%; Average loss: 1.6158  
Iteration: 3605; Percent complete: 90.1%; Average loss: 1.9071  
Iteration: 3606; Percent complete: 90.1%; Average loss: 1.8022  
Iteration: 3607; Percent complete: 90.2%; Average loss: 1.7111  
Iteration: 3608; Percent complete: 90.2%; Average loss: 1.8348  
Iteration: 3609; Percent complete: 90.2%; Average loss: 1.8598  
Iteration: 3610; Percent complete: 90.2%; Average loss: 1.5004  
Iteration: 3611; Percent complete: 90.3%; Average loss: 1.7817  
Iteration: 3612; Percent complete: 90.3%; Average loss: 1.6247  
Iteration: 3613; Percent complete: 90.3%; Average loss: 1.8725  
Iteration: 3614; Percent complete: 90.3%; Average loss: 1.8706  
Iteration: 3615; Percent complete: 90.4%; Average loss: 1.9972  
Iteration: 3616; Percent complete: 90.4%; Average loss: 1.6834  
Iteration: 3617; Percent complete: 90.4%; Average loss: 2.0246  
Iteration: 3618; Percent complete: 90.5%; Average loss: 1.7435  
Iteration: 3619; Percent complete: 90.5%; Average loss: 1.7233  
Iteration: 3620; Percent complete: 90.5%; Average loss: 1.8815  
Iteration: 3621; Percent complete: 90.5%; Average loss: 1.8843  
Iteration: 3622; Percent complete: 90.5%; Average loss: 1.8440  
Iteration: 3623; Percent complete: 90.6%; Average loss: 1.9166  
Iteration: 3624; Percent complete: 90.6%; Average loss: 1.8624  
Iteration: 3625; Percent complete: 90.6%; Average loss: 1.7456  
Iteration: 3626; Percent complete: 90.6%; Average loss: 1.7586

Iteration: 3627; Percent complete: 90.7%; Average loss: 1.6436  
Iteration: 3628; Percent complete: 90.7%; Average loss: 1.8397  
Iteration: 3629; Percent complete: 90.7%; Average loss: 1.9800  
Iteration: 3630; Percent complete: 90.8%; Average loss: 1.7032  
Iteration: 3631; Percent complete: 90.8%; Average loss: 1.7581  
Iteration: 3632; Percent complete: 90.8%; Average loss: 1.6877  
Iteration: 3633; Percent complete: 90.8%; Average loss: 1.6930  
Iteration: 3634; Percent complete: 90.8%; Average loss: 1.7781  
Iteration: 3635; Percent complete: 90.9%; Average loss: 1.7042  
Iteration: 3636; Percent complete: 90.9%; Average loss: 1.9428  
Iteration: 3637; Percent complete: 90.9%; Average loss: 1.8271  
Iteration: 3638; Percent complete: 91.0%; Average loss: 1.7297  
Iteration: 3639; Percent complete: 91.0%; Average loss: 1.6497  
Iteration: 3640; Percent complete: 91.0%; Average loss: 1.5932  
Iteration: 3641; Percent complete: 91.0%; Average loss: 1.8176  
Iteration: 3642; Percent complete: 91.0%; Average loss: 1.7696  
Iteration: 3643; Percent complete: 91.1%; Average loss: 1.8987  
Iteration: 3644; Percent complete: 91.1%; Average loss: 1.9036  
Iteration: 3645; Percent complete: 91.1%; Average loss: 1.8364  
Iteration: 3646; Percent complete: 91.1%; Average loss: 1.8408  
Iteration: 3647; Percent complete: 91.2%; Average loss: 1.7743  
Iteration: 3648; Percent complete: 91.2%; Average loss: 1.6812  
Iteration: 3649; Percent complete: 91.2%; Average loss: 1.7937  
Iteration: 3650; Percent complete: 91.2%; Average loss: 1.8297  
Iteration: 3651; Percent complete: 91.3%; Average loss: 1.8843  
Iteration: 3652; Percent complete: 91.3%; Average loss: 1.4321  
Iteration: 3653; Percent complete: 91.3%; Average loss: 1.8344  
Iteration: 3654; Percent complete: 91.3%; Average loss: 1.8203  
Iteration: 3655; Percent complete: 91.4%; Average loss: 1.9328  
Iteration: 3656; Percent complete: 91.4%; Average loss: 1.8630  
Iteration: 3657; Percent complete: 91.4%; Average loss: 1.7456  
Iteration: 3658; Percent complete: 91.5%; Average loss: 1.8464  
Iteration: 3659; Percent complete: 91.5%; Average loss: 1.7848  
Iteration: 3660; Percent complete: 91.5%; Average loss: 1.5114  
Iteration: 3661; Percent complete: 91.5%; Average loss: 1.5855  
Iteration: 3662; Percent complete: 91.5%; Average loss: 2.0596  
Iteration: 3663; Percent complete: 91.6%; Average loss: 1.5815  
Iteration: 3664; Percent complete: 91.6%; Average loss: 1.9261  
Iteration: 3665; Percent complete: 91.6%; Average loss: 1.6701  
Iteration: 3666; Percent complete: 91.6%; Average loss: 1.7835  
Iteration: 3667; Percent complete: 91.7%; Average loss: 1.8421  
Iteration: 3668; Percent complete: 91.7%; Average loss: 1.6799  
Iteration: 3669; Percent complete: 91.7%; Average loss: 1.7154  
Iteration: 3670; Percent complete: 91.8%; Average loss: 2.0259  
Iteration: 3671; Percent complete: 91.8%; Average loss: 1.6273  
Iteration: 3672; Percent complete: 91.8%; Average loss: 2.1061  
Iteration: 3673; Percent complete: 91.8%; Average loss: 1.8888  
Iteration: 3674; Percent complete: 91.8%; Average loss: 1.7943  
Iteration: 3675; Percent complete: 91.9%; Average loss: 1.9309  
Iteration: 3676; Percent complete: 91.9%; Average loss: 1.7509  
Iteration: 3677; Percent complete: 91.9%; Average loss: 1.8147  
Iteration: 3678; Percent complete: 92.0%; Average loss: 1.7002  
Iteration: 3679; Percent complete: 92.0%; Average loss: 1.7004  
Iteration: 3680; Percent complete: 92.0%; Average loss: 1.9218  
Iteration: 3681; Percent complete: 92.0%; Average loss: 1.8889  
Iteration: 3682; Percent complete: 92.0%; Average loss: 1.7837  
Iteration: 3683; Percent complete: 92.1%; Average loss: 1.7046  
Iteration: 3684; Percent complete: 92.1%; Average loss: 1.6998  
Iteration: 3685; Percent complete: 92.1%; Average loss: 1.7221  
Iteration: 3686; Percent complete: 92.2%; Average loss: 1.5554  
Iteration: 3687; Percent complete: 92.2%; Average loss: 1.8951  
Iteration: 3688; Percent complete: 92.2%; Average loss: 1.6136  
Iteration: 3689; Percent complete: 92.2%; Average loss: 1.6027  
Iteration: 3690; Percent complete: 92.2%; Average loss: 1.7794  
Iteration: 3691; Percent complete: 92.3%; Average loss: 1.8012  
Iteration: 3692; Percent complete: 92.3%; Average loss: 1.8909  
Iteration: 3693; Percent complete: 92.3%; Average loss: 1.8460  
Iteration: 3694; Percent complete: 92.3%; Average loss: 1.6896  
Iteration: 3695; Percent complete: 92.4%; Average loss: 1.9196  
Iteration: 3696; Percent complete: 92.4%; Average loss: 1.8149  
Iteration: 3697; Percent complete: 92.4%; Average loss: 1.7065  
Iteration: 3698; Percent complete: 92.5%; Average loss: 1.7076  
Iteration: 3699; Percent complete: 92.5%; Average loss: 1.7319  
Iteration: 3700; Percent complete: 92.5%; Average loss: 1.7965  
Iteration: 3701; Percent complete: 92.5%; Average loss: 1.9453  
Iteration: 3702; Percent complete: 92.5%; Average loss: 1.8205  
Iteration: 3703; Percent complete: 92.6%; Average loss: 1.8152  
Iteration: 3704; Percent complete: 92.6%; Average loss: 1.9059  
Iteration: 3705; Percent complete: 92.6%; Average loss: 1.5930  
Iteration: 3706; Percent complete: 92.7%; Average loss: 1.5312  
Iteration: 3707; Percent complete: 92.7%; Average loss: 1.7773  
Iteration: 3708; Percent complete: 92.7%; Average loss: 1.8673  
Iteration: 3709; Percent complete: 92.7%; Average loss: 1.8999  
Iteration: 3710; Percent complete: 92.8%; Average loss: 2.0367  
Iteration: 3711; Percent complete: 92.8%; Average loss: 1.8075  
Iteration: 3712; Percent complete: 92.8%; Average loss: 1.5623  
Iteration: 3713; Percent complete: 92.8%; Average loss: 1.6059  
Iteration: 3714; Percent complete: 92.8%; Average loss: 1.8343  
Iteration: 3715; Percent complete: 92.9%; Average loss: 1.8604  
Iteration: 3716; Percent complete: 92.9%; Average loss: 1.8056  
Iteration: 3717; Percent complete: 92.9%; Average loss: 1.9407  
Iteration: 3718; Percent complete: 92.9%; Average loss: 2.0338



Iteration: 3718; Percent complete: 93.0%; Average loss: 2.0330  
Iteration: 3719; Percent complete: 93.0%; Average loss: 1.7351  
Iteration: 3720; Percent complete: 93.0%; Average loss: 1.8520  
Iteration: 3721; Percent complete: 93.0%; Average loss: 1.6374  
Iteration: 3722; Percent complete: 93.0%; Average loss: 1.5162  
Iteration: 3723; Percent complete: 93.1%; Average loss: 1.9376  
Iteration: 3724; Percent complete: 93.1%; Average loss: 1.7055  
Iteration: 3725; Percent complete: 93.1%; Average loss: 1.6310  
Iteration: 3726; Percent complete: 93.2%; Average loss: 1.8891  
Iteration: 3727; Percent complete: 93.2%; Average loss: 1.6013  
Iteration: 3728; Percent complete: 93.2%; Average loss: 1.6751  
Iteration: 3729; Percent complete: 93.2%; Average loss: 1.7216  
Iteration: 3730; Percent complete: 93.2%; Average loss: 1.6199  
Iteration: 3731; Percent complete: 93.3%; Average loss: 1.8048  
Iteration: 3732; Percent complete: 93.3%; Average loss: 1.8035  
Iteration: 3733; Percent complete: 93.3%; Average loss: 2.0384  
Iteration: 3734; Percent complete: 93.3%; Average loss: 1.6755  
Iteration: 3735; Percent complete: 93.4%; Average loss: 1.7087  
Iteration: 3736; Percent complete: 93.4%; Average loss: 1.8140  
Iteration: 3737; Percent complete: 93.4%; Average loss: 1.7505  
Iteration: 3738; Percent complete: 93.5%; Average loss: 2.0436  
Iteration: 3739; Percent complete: 93.5%; Average loss: 1.6777  
Iteration: 3740; Percent complete: 93.5%; Average loss: 1.8055  
Iteration: 3741; Percent complete: 93.5%; Average loss: 1.9264  
Iteration: 3742; Percent complete: 93.5%; Average loss: 1.6055  
Iteration: 3743; Percent complete: 93.6%; Average loss: 1.7247  
Iteration: 3744; Percent complete: 93.6%; Average loss: 1.8352  
Iteration: 3745; Percent complete: 93.6%; Average loss: 1.7848  
Iteration: 3746; Percent complete: 93.7%; Average loss: 1.6950  
Iteration: 3747; Percent complete: 93.7%; Average loss: 1.7042  
Iteration: 3748; Percent complete: 93.7%; Average loss: 1.7462  
Iteration: 3749; Percent complete: 93.7%; Average loss: 1.7333  
Iteration: 3750; Percent complete: 93.8%; Average loss: 1.8115  
Iteration: 3751; Percent complete: 93.8%; Average loss: 1.7036  
Iteration: 3752; Percent complete: 93.8%; Average loss: 1.7953  
Iteration: 3753; Percent complete: 93.8%; Average loss: 1.8373  
Iteration: 3754; Percent complete: 93.8%; Average loss: 1.7541  
Iteration: 3755; Percent complete: 93.9%; Average loss: 1.9335  
Iteration: 3756; Percent complete: 93.9%; Average loss: 1.8601  
Iteration: 3757; Percent complete: 93.9%; Average loss: 1.7554  
Iteration: 3758; Percent complete: 94.0%; Average loss: 1.6236  
Iteration: 3759; Percent complete: 94.0%; Average loss: 1.8224  
Iteration: 3760; Percent complete: 94.0%; Average loss: 1.6164  
Iteration: 3761; Percent complete: 94.0%; Average loss: 1.9095  
Iteration: 3762; Percent complete: 94.0%; Average loss: 1.5974  
Iteration: 3763; Percent complete: 94.1%; Average loss: 1.7499  
Iteration: 3764; Percent complete: 94.1%; Average loss: 1.9426  
Iteration: 3765; Percent complete: 94.1%; Average loss: 1.7323  
Iteration: 3766; Percent complete: 94.2%; Average loss: 1.7343  
Iteration: 3767; Percent complete: 94.2%; Average loss: 1.8775  
Iteration: 3768; Percent complete: 94.2%; Average loss: 1.8792  
Iteration: 3769; Percent complete: 94.2%; Average loss: 1.8517  
Iteration: 3770; Percent complete: 94.2%; Average loss: 1.8484  
Iteration: 3771; Percent complete: 94.3%; Average loss: 1.8429  
Iteration: 3772; Percent complete: 94.3%; Average loss: 1.8159  
Iteration: 3773; Percent complete: 94.3%; Average loss: 1.8095  
Iteration: 3774; Percent complete: 94.3%; Average loss: 1.9009  
Iteration: 3775; Percent complete: 94.4%; Average loss: 1.8897  
Iteration: 3776; Percent complete: 94.4%; Average loss: 1.6910  
Iteration: 3777; Percent complete: 94.4%; Average loss: 1.7091  
Iteration: 3778; Percent complete: 94.5%; Average loss: 1.4906  
Iteration: 3779; Percent complete: 94.5%; Average loss: 1.5513  
Iteration: 3780; Percent complete: 94.5%; Average loss: 1.7762  
Iteration: 3781; Percent complete: 94.5%; Average loss: 1.8351  
Iteration: 3782; Percent complete: 94.5%; Average loss: 1.6527  
Iteration: 3783; Percent complete: 94.6%; Average loss: 1.7145  
Iteration: 3784; Percent complete: 94.6%; Average loss: 2.0160  
Iteration: 3785; Percent complete: 94.6%; Average loss: 1.7633  
Iteration: 3786; Percent complete: 94.7%; Average loss: 1.7002  
Iteration: 3787; Percent complete: 94.7%; Average loss: 1.9227  
Iteration: 3788; Percent complete: 94.7%; Average loss: 1.9331  
Iteration: 3789; Percent complete: 94.7%; Average loss: 1.7514  
Iteration: 3790; Percent complete: 94.8%; Average loss: 1.8918  
Iteration: 3791; Percent complete: 94.8%; Average loss: 1.8816  
Iteration: 3792; Percent complete: 94.8%; Average loss: 1.6202  
Iteration: 3793; Percent complete: 94.8%; Average loss: 1.9822  
Iteration: 3794; Percent complete: 94.8%; Average loss: 1.9229  
Iteration: 3795; Percent complete: 94.9%; Average loss: 1.8236  
Iteration: 3796; Percent complete: 94.9%; Average loss: 1.7997  
Iteration: 3797; Percent complete: 94.9%; Average loss: 1.6478  
Iteration: 3798; Percent complete: 95.0%; Average loss: 1.8068  
Iteration: 3799; Percent complete: 95.0%; Average loss: 1.7219  
Iteration: 3800; Percent complete: 95.0%; Average loss: 1.5286  
Iteration: 3801; Percent complete: 95.0%; Average loss: 1.8646  
Iteration: 3802; Percent complete: 95.0%; Average loss: 1.6724  
Iteration: 3803; Percent complete: 95.1%; Average loss: 1.6362  
Iteration: 3804; Percent complete: 95.1%; Average loss: 1.8519  
Iteration: 3805; Percent complete: 95.1%; Average loss: 1.8493  
Iteration: 3806; Percent complete: 95.2%; Average loss: 1.7497  
Iteration: 3807; Percent complete: 95.2%; Average loss: 1.7386  
Iteration: 3808; Percent complete: 95.2%; Average loss: 1.7083  
Iteration: 3809; Percent complete: 95.2%; Average loss: 1.7322

Iteration: 3809; Percent complete: 95.2%; Average loss: 1.5924  
Iteration: 3810; Percent complete: 95.2%; Average loss: 1.5924  
Iteration: 3811; Percent complete: 95.3%; Average loss: 1.6417  
Iteration: 3812; Percent complete: 95.3%; Average loss: 1.8583  
Iteration: 3813; Percent complete: 95.3%; Average loss: 1.8706  
Iteration: 3814; Percent complete: 95.3%; Average loss: 1.7760  
Iteration: 3815; Percent complete: 95.4%; Average loss: 1.6901  
Iteration: 3816; Percent complete: 95.4%; Average loss: 1.8873  
Iteration: 3817; Percent complete: 95.4%; Average loss: 1.6425  
Iteration: 3818; Percent complete: 95.5%; Average loss: 1.6469  
Iteration: 3819; Percent complete: 95.5%; Average loss: 1.6941  
Iteration: 3820; Percent complete: 95.5%; Average loss: 1.9786  
Iteration: 3821; Percent complete: 95.5%; Average loss: 1.7204  
Iteration: 3822; Percent complete: 95.5%; Average loss: 1.7939  
Iteration: 3823; Percent complete: 95.6%; Average loss: 1.6865  
Iteration: 3824; Percent complete: 95.6%; Average loss: 1.8756  
Iteration: 3825; Percent complete: 95.6%; Average loss: 1.7615  
Iteration: 3826; Percent complete: 95.7%; Average loss: 1.9232  
Iteration: 3827; Percent complete: 95.7%; Average loss: 1.8795  
Iteration: 3828; Percent complete: 95.7%; Average loss: 1.8242  
Iteration: 3829; Percent complete: 95.7%; Average loss: 1.8062  
Iteration: 3830; Percent complete: 95.8%; Average loss: 1.6666  
Iteration: 3831; Percent complete: 95.8%; Average loss: 1.5255  
Iteration: 3832; Percent complete: 95.8%; Average loss: 1.7913  
Iteration: 3833; Percent complete: 95.8%; Average loss: 1.8085  
Iteration: 3834; Percent complete: 95.9%; Average loss: 1.9056  
Iteration: 3835; Percent complete: 95.9%; Average loss: 1.9967  
Iteration: 3836; Percent complete: 95.9%; Average loss: 1.9398  
Iteration: 3837; Percent complete: 95.9%; Average loss: 1.8155  
Iteration: 3838; Percent complete: 96.0%; Average loss: 1.7269  
Iteration: 3839; Percent complete: 96.0%; Average loss: 2.1280  
Iteration: 3840; Percent complete: 96.0%; Average loss: 1.9608  
Iteration: 3841; Percent complete: 96.0%; Average loss: 1.8323  
Iteration: 3842; Percent complete: 96.0%; Average loss: 1.9728  
Iteration: 3843; Percent complete: 96.1%; Average loss: 1.7386  
Iteration: 3844; Percent complete: 96.1%; Average loss: 1.6851  
Iteration: 3845; Percent complete: 96.1%; Average loss: 1.9745  
Iteration: 3846; Percent complete: 96.2%; Average loss: 1.9218  
Iteration: 3847; Percent complete: 96.2%; Average loss: 2.0197  
Iteration: 3848; Percent complete: 96.2%; Average loss: 1.7259  
Iteration: 3849; Percent complete: 96.2%; Average loss: 1.7308  
Iteration: 3850; Percent complete: 96.2%; Average loss: 1.6961  
Iteration: 3851; Percent complete: 96.3%; Average loss: 1.8247  
Iteration: 3852; Percent complete: 96.3%; Average loss: 1.7560  
Iteration: 3853; Percent complete: 96.3%; Average loss: 1.8265  
Iteration: 3854; Percent complete: 96.4%; Average loss: 1.8071  
Iteration: 3855; Percent complete: 96.4%; Average loss: 1.7515  
Iteration: 3856; Percent complete: 96.4%; Average loss: 1.7813  
Iteration: 3857; Percent complete: 96.4%; Average loss: 1.8482  
Iteration: 3858; Percent complete: 96.5%; Average loss: 1.7914  
Iteration: 3859; Percent complete: 96.5%; Average loss: 1.9414  
Iteration: 3860; Percent complete: 96.5%; Average loss: 1.8491  
Iteration: 3861; Percent complete: 96.5%; Average loss: 1.6359  
Iteration: 3862; Percent complete: 96.5%; Average loss: 1.7768  
Iteration: 3863; Percent complete: 96.6%; Average loss: 1.6760  
Iteration: 3864; Percent complete: 96.6%; Average loss: 1.9262  
Iteration: 3865; Percent complete: 96.6%; Average loss: 1.8603  
Iteration: 3866; Percent complete: 96.7%; Average loss: 2.0666  
Iteration: 3867; Percent complete: 96.7%; Average loss: 1.7062  
Iteration: 3868; Percent complete: 96.7%; Average loss: 1.9995  
Iteration: 3869; Percent complete: 96.7%; Average loss: 1.9270  
Iteration: 3870; Percent complete: 96.8%; Average loss: 2.1011  
Iteration: 3871; Percent complete: 96.8%; Average loss: 1.7374  
Iteration: 3872; Percent complete: 96.8%; Average loss: 1.7096  
Iteration: 3873; Percent complete: 96.8%; Average loss: 1.7475  
Iteration: 3874; Percent complete: 96.9%; Average loss: 1.9207  
Iteration: 3875; Percent complete: 96.9%; Average loss: 1.8189  
Iteration: 3876; Percent complete: 96.9%; Average loss: 1.8476  
Iteration: 3877; Percent complete: 96.9%; Average loss: 1.8026  
Iteration: 3878; Percent complete: 97.0%; Average loss: 1.9423  
Iteration: 3879; Percent complete: 97.0%; Average loss: 1.6085  
Iteration: 3880; Percent complete: 97.0%; Average loss: 2.0233  
Iteration: 3881; Percent complete: 97.0%; Average loss: 1.8805  
Iteration: 3882; Percent complete: 97.0%; Average loss: 1.9420  
Iteration: 3883; Percent complete: 97.1%; Average loss: 1.9214  
Iteration: 3884; Percent complete: 97.1%; Average loss: 1.7419  
Iteration: 3885; Percent complete: 97.1%; Average loss: 1.7858  
Iteration: 3886; Percent complete: 97.2%; Average loss: 1.6805  
Iteration: 3887; Percent complete: 97.2%; Average loss: 1.6776  
Iteration: 3888; Percent complete: 97.2%; Average loss: 1.7808  
Iteration: 3889; Percent complete: 97.2%; Average loss: 1.7100  
Iteration: 3890; Percent complete: 97.2%; Average loss: 1.6051  
Iteration: 3891; Percent complete: 97.3%; Average loss: 1.8901  
Iteration: 3892; Percent complete: 97.3%; Average loss: 1.6467  
Iteration: 3893; Percent complete: 97.3%; Average loss: 1.8447  
Iteration: 3894; Percent complete: 97.4%; Average loss: 1.7342  
Iteration: 3895; Percent complete: 97.4%; Average loss: 1.8496  
Iteration: 3896; Percent complete: 97.4%; Average loss: 1.7511  
Iteration: 3897; Percent complete: 97.4%; Average loss: 1.8165  
Iteration: 3898; Percent complete: 97.5%; Average loss: 1.9468  
Iteration: 3899; Percent complete: 97.5%; Average loss: 2.0645  
Iteration: 3900; Percent complete: 97.5%; Average loss: 1.7917

Iteration: 3901; Percent complete: 97.5%; Average loss: 1.9547  
Iteration: 3902; Percent complete: 97.5%; Average loss: 1.7784  
Iteration: 3903; Percent complete: 97.6%; Average loss: 1.7444  
Iteration: 3904; Percent complete: 97.6%; Average loss: 1.9299  
Iteration: 3905; Percent complete: 97.6%; Average loss: 1.7014  
Iteration: 3906; Percent complete: 97.7%; Average loss: 1.8061  
Iteration: 3907; Percent complete: 97.7%; Average loss: 1.8165  
Iteration: 3908; Percent complete: 97.7%; Average loss: 1.5708  
Iteration: 3909; Percent complete: 97.7%; Average loss: 1.7210  
Iteration: 3910; Percent complete: 97.8%; Average loss: 1.5177  
Iteration: 3911; Percent complete: 97.8%; Average loss: 1.9643  
Iteration: 3912; Percent complete: 97.8%; Average loss: 1.7508  
Iteration: 3913; Percent complete: 97.8%; Average loss: 1.6417  
Iteration: 3914; Percent complete: 97.9%; Average loss: 1.6756  
Iteration: 3915; Percent complete: 97.9%; Average loss: 1.7246  
Iteration: 3916; Percent complete: 97.9%; Average loss: 1.6210  
Iteration: 3917; Percent complete: 97.9%; Average loss: 1.9184  
Iteration: 3918; Percent complete: 98.0%; Average loss: 1.7077  
Iteration: 3919; Percent complete: 98.0%; Average loss: 1.5497  
Iteration: 3920; Percent complete: 98.0%; Average loss: 1.6663  
Iteration: 3921; Percent complete: 98.0%; Average loss: 1.8113  
Iteration: 3922; Percent complete: 98.0%; Average loss: 1.9178  
Iteration: 3923; Percent complete: 98.1%; Average loss: 1.7188  
Iteration: 3924; Percent complete: 98.1%; Average loss: 1.7858  
Iteration: 3925; Percent complete: 98.1%; Average loss: 2.1570  
Iteration: 3926; Percent complete: 98.2%; Average loss: 1.7234  
Iteration: 3927; Percent complete: 98.2%; Average loss: 1.7734  
Iteration: 3928; Percent complete: 98.2%; Average loss: 1.8476  
Iteration: 3929; Percent complete: 98.2%; Average loss: 1.6585  
Iteration: 3930; Percent complete: 98.2%; Average loss: 1.9647  
Iteration: 3931; Percent complete: 98.3%; Average loss: 1.6457  
Iteration: 3932; Percent complete: 98.3%; Average loss: 1.7732  
Iteration: 3933; Percent complete: 98.3%; Average loss: 1.5713  
Iteration: 3934; Percent complete: 98.4%; Average loss: 1.8566  
Iteration: 3935; Percent complete: 98.4%; Average loss: 1.6547  
Iteration: 3936; Percent complete: 98.4%; Average loss: 1.6681  
Iteration: 3937; Percent complete: 98.4%; Average loss: 1.6625  
Iteration: 3938; Percent complete: 98.5%; Average loss: 1.9063  
Iteration: 3939; Percent complete: 98.5%; Average loss: 1.8203  
Iteration: 3940; Percent complete: 98.5%; Average loss: 1.8720  
Iteration: 3941; Percent complete: 98.5%; Average loss: 1.4163  
Iteration: 3942; Percent complete: 98.6%; Average loss: 1.8312  
Iteration: 3943; Percent complete: 98.6%; Average loss: 1.7912  
Iteration: 3944; Percent complete: 98.6%; Average loss: 1.7086  
Iteration: 3945; Percent complete: 98.6%; Average loss: 1.9361  
Iteration: 3946; Percent complete: 98.7%; Average loss: 1.7927  
Iteration: 3947; Percent complete: 98.7%; Average loss: 1.6408  
Iteration: 3948; Percent complete: 98.7%; Average loss: 2.0512  
Iteration: 3949; Percent complete: 98.7%; Average loss: 1.6877  
Iteration: 3950; Percent complete: 98.8%; Average loss: 1.6374  
Iteration: 3951; Percent complete: 98.8%; Average loss: 1.7557  
Iteration: 3952; Percent complete: 98.8%; Average loss: 1.8025  
Iteration: 3953; Percent complete: 98.8%; Average loss: 1.7275  
Iteration: 3954; Percent complete: 98.9%; Average loss: 1.8383  
Iteration: 3955; Percent complete: 98.9%; Average loss: 1.8545  
Iteration: 3956; Percent complete: 98.9%; Average loss: 2.2187  
Iteration: 3957; Percent complete: 98.9%; Average loss: 1.8336  
Iteration: 3958; Percent complete: 99.0%; Average loss: 1.8693  
Iteration: 3959; Percent complete: 99.0%; Average loss: 1.7020  
Iteration: 3960; Percent complete: 99.0%; Average loss: 1.7750  
Iteration: 3961; Percent complete: 99.0%; Average loss: 1.9742  
Iteration: 3962; Percent complete: 99.1%; Average loss: 2.0852  
Iteration: 3963; Percent complete: 99.1%; Average loss: 1.8556  
Iteration: 3964; Percent complete: 99.1%; Average loss: 1.7376  
Iteration: 3965; Percent complete: 99.1%; Average loss: 1.9029  
Iteration: 3966; Percent complete: 99.2%; Average loss: 1.9579  
Iteration: 3967; Percent complete: 99.2%; Average loss: 1.8684  
Iteration: 3968; Percent complete: 99.2%; Average loss: 1.6911  
Iteration: 3969; Percent complete: 99.2%; Average loss: 1.7546  
Iteration: 3970; Percent complete: 99.2%; Average loss: 1.7896  
Iteration: 3971; Percent complete: 99.3%; Average loss: 1.8565  
Iteration: 3972; Percent complete: 99.3%; Average loss: 1.9333  
Iteration: 3973; Percent complete: 99.3%; Average loss: 1.8025  
Iteration: 3974; Percent complete: 99.4%; Average loss: 1.6629  
Iteration: 3975; Percent complete: 99.4%; Average loss: 1.9690  
Iteration: 3976; Percent complete: 99.4%; Average loss: 1.9025  
Iteration: 3977; Percent complete: 99.4%; Average loss: 1.7282  
Iteration: 3978; Percent complete: 99.5%; Average loss: 1.6346  
Iteration: 3979; Percent complete: 99.5%; Average loss: 1.9347  
Iteration: 3980; Percent complete: 99.5%; Average loss: 1.9903  
Iteration: 3981; Percent complete: 99.5%; Average loss: 1.7162  
Iteration: 3982; Percent complete: 99.6%; Average loss: 1.7160  
Iteration: 3983; Percent complete: 99.6%; Average loss: 1.7317  
Iteration: 3984; Percent complete: 99.6%; Average loss: 1.6643  
Iteration: 3985; Percent complete: 99.6%; Average loss: 2.0647  
Iteration: 3986; Percent complete: 99.7%; Average loss: 1.7263  
Iteration: 3987; Percent complete: 99.7%; Average loss: 1.6254  
Iteration: 3988; Percent complete: 99.7%; Average loss: 2.0445  
Iteration: 3989; Percent complete: 99.7%; Average loss: 1.8246  
Iteration: 3990; Percent complete: 99.8%; Average loss: 1.9022  
Iteration: 3991; Percent complete: 99.8%; Average loss: 1.7092

Iteration: 3992; Percent complete: 99.8%; Average loss: 1.5748  
Iteration: 3993; Percent complete: 99.8%; Average loss: 1.5860  
Iteration: 3994; Percent complete: 99.9%; Average loss: 1.8064  
Iteration: 3995; Percent complete: 99.9%; Average loss: 1.9773  
Iteration: 3996; Percent complete: 99.9%; Average loss: 1.7975  
Iteration: 3997; Percent complete: 99.9%; Average loss: 1.8148  
Iteration: 3998; Percent complete: 100.0%; Average loss: 1.7307  
Iteration: 3999; Percent complete: 100.0%; Average loss: 1.7718  
Iteration: 4000; Percent complete: 100.0%; Average loss: 1.8421

Run history:



Run summary:

batch loss 1.84212  
epoch 5  
loss 1.79241

View run **dry-sweep-5** at: <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps/runs/lxshwbk0>

View project at: <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps>

Synced 5 W&B file(s), 0 media file(s), 0 artifact file(s) and 0 other file(s)

Find logs at: ./wandb/run-20250928\_213029-lxshwbk0/logs

wandb: Sweep Agent: Waiting for job.

wandb: Job received.

wandb: Agent Starting Run: md51tsdh with config:

wandb: clip: 25

wandb: decoder\_learning\_ratio: 10

wandb: learning\_rate: 0.00025

wandb: optimizer: sgd

wandb: teacher\_forcing\_ratio: 1

Tracking run with wandb version 0.22.0

Run data is saved locally in /content/wandb/run-20250928\_213407-md51tsdh

Syncing run **splendid-sweep-6** to [Weights & Biases \(docs\)](#)

Sweep page: <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps/sweeps/jvrgq7ty>

View project at <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps>

View sweep at <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps/sweeps/jvrgq7ty>

View run at <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps/runs/md51tsdh>

Building optimizers ...

Starting Training!

Initializing ...

Training...

Iteration: 1; Percent complete: 0.0%; Average loss: 1.8025  
Iteration: 2; Percent complete: 0.1%; Average loss: 1.6718  
Iteration: 3; Percent complete: 0.1%; Average loss: 1.6709  
Iteration: 4; Percent complete: 0.1%; Average loss: 1.7627  
Iteration: 5; Percent complete: 0.1%; Average loss: 1.8073  
Iteration: 6; Percent complete: 0.1%; Average loss: 1.7808  
Iteration: 7; Percent complete: 0.2%; Average loss: 1.8147  
Iteration: 8; Percent complete: 0.2%; Average loss: 1.8769  
Iteration: 9; Percent complete: 0.2%; Average loss: 1.8959  
Iteration: 10; Percent complete: 0.2%; Average loss: 1.9586  
Iteration: 11; Percent complete: 0.3%; Average loss: 1.5494  
Iteration: 12; Percent complete: 0.3%; Average loss: 2.1732  
Iteration: 13; Percent complete: 0.3%; Average loss: 1.8211  
Iteration: 14; Percent complete: 0.4%; Average loss: 1.9148  
Iteration: 15; Percent complete: 0.4%; Average loss: 1.5072  
Iteration: 16; Percent complete: 0.4%; Average loss: 1.7529  
Iteration: 17; Percent complete: 0.4%; Average loss: 2.0480  
Iteration: 18; Percent complete: 0.4%; Average loss: 1.8011  
Iteration: 19; Percent complete: 0.5%; Average loss: 1.8951  
Iteration: 20; Percent complete: 0.5%; Average loss: 1.8594  
Iteration: 21; Percent complete: 0.5%; Average loss: 2.0922  
Iteration: 22; Percent complete: 0.5%; Average loss: 1.8227  
Iteration: 23; Percent complete: 0.6%; Average loss: 1.9235  
Iteration: 24; Percent complete: 0.6%; Average loss: 1.5183  
Iteration: 25; Percent complete: 0.6%; Average loss: 1.8163  
Iteration: 26; Percent complete: 0.7%; Average loss: 1.8564  
Iteration: 27; Percent complete: 0.7%; Average loss: 1.8411  
Iteration: 28; Percent complete: 0.7%; Average loss: 1.6491  
Iteration: 29; Percent complete: 0.7%; Average loss: 1.8299  
Iteration: 30; Percent complete: 0.8%; Average loss: 1.6789  
Iteration: 31; Percent complete: 0.8%; Average loss: 1.7537  
Iteration: 32; Percent complete: 0.8%; Average loss: 1.7485  
Iteration: 33; Percent complete: 0.8%; Average loss: 1.8015  
Iteration: 34; Percent complete: 0.9%; Average loss: 1.6436  
Iteration: 35; Percent complete: 0.9%; Average loss: 1.6737  
Iteration: 36; Percent complete: 0.9%; Average loss: 1.8624  
Iteration: 37; Percent complete: 0.9%; Average loss: 1.5415  
Iteration: 38; Percent complete: 0.9%; Average loss: 1.7612  
Iteration: 39; Percent complete: 1.0%; Average loss: 1.8723  
Iteration: 40; Percent complete: 1.0%; Average loss: 1.5948  
Iteration: 41; Percent complete: 1.0%; Average loss: 1.6146

Iteration: 42; Percent complete: 1.1%; Average loss: 1.7483  
Iteration: 43; Percent complete: 1.1%; Average loss: 1.9016  
Iteration: 44; Percent complete: 1.1%; Average loss: 1.9625  
Iteration: 45; Percent complete: 1.1%; Average loss: 1.9982  
Iteration: 46; Percent complete: 1.1%; Average loss: 1.7444  
Iteration: 47; Percent complete: 1.2%; Average loss: 1.8419  
Iteration: 48; Percent complete: 1.2%; Average loss: 1.8755  
Iteration: 49; Percent complete: 1.2%; Average loss: 1.7953  
Iteration: 50; Percent complete: 1.2%; Average loss: 1.7965  
Iteration: 51; Percent complete: 1.3%; Average loss: 1.9252  
Iteration: 52; Percent complete: 1.3%; Average loss: 1.8225  
Iteration: 53; Percent complete: 1.3%; Average loss: 1.8344  
Iteration: 54; Percent complete: 1.4%; Average loss: 1.8482  
Iteration: 55; Percent complete: 1.4%; Average loss: 1.7430  
Iteration: 56; Percent complete: 1.4%; Average loss: 1.6974  
Iteration: 57; Percent complete: 1.4%; Average loss: 1.6867  
Iteration: 58; Percent complete: 1.5%; Average loss: 1.7983  
Iteration: 59; Percent complete: 1.5%; Average loss: 1.7371  
Iteration: 60; Percent complete: 1.5%; Average loss: 1.7497  
Iteration: 61; Percent complete: 1.5%; Average loss: 1.7403  
Iteration: 62; Percent complete: 1.6%; Average loss: 1.8425  
Iteration: 63; Percent complete: 1.6%; Average loss: 1.6523  
Iteration: 64; Percent complete: 1.6%; Average loss: 1.7633  
Iteration: 65; Percent complete: 1.6%; Average loss: 1.7804  
Iteration: 66; Percent complete: 1.7%; Average loss: 1.7085  
Iteration: 67; Percent complete: 1.7%; Average loss: 1.6331  
Iteration: 68; Percent complete: 1.7%; Average loss: 1.7539  
Iteration: 69; Percent complete: 1.7%; Average loss: 1.6028  
Iteration: 70; Percent complete: 1.8%; Average loss: 1.6274  
Iteration: 71; Percent complete: 1.8%; Average loss: 1.7691  
Iteration: 72; Percent complete: 1.8%; Average loss: 1.7526  
Iteration: 73; Percent complete: 1.8%; Average loss: 1.6686  
Iteration: 74; Percent complete: 1.8%; Average loss: 1.8792  
Iteration: 75; Percent complete: 1.9%; Average loss: 1.7852  
Iteration: 76; Percent complete: 1.9%; Average loss: 1.7272  
Iteration: 77; Percent complete: 1.9%; Average loss: 1.7858  
Iteration: 78; Percent complete: 1.9%; Average loss: 1.6464  
Iteration: 79; Percent complete: 2.0%; Average loss: 1.9870  
Iteration: 80; Percent complete: 2.0%; Average loss: 1.6656  
Iteration: 81; Percent complete: 2.0%; Average loss: 1.8607  
Iteration: 82; Percent complete: 2.1%; Average loss: 1.7351  
Iteration: 83; Percent complete: 2.1%; Average loss: 1.6741  
Iteration: 84; Percent complete: 2.1%; Average loss: 1.8969  
Iteration: 85; Percent complete: 2.1%; Average loss: 1.7508  
Iteration: 86; Percent complete: 2.1%; Average loss: 1.8199  
Iteration: 87; Percent complete: 2.2%; Average loss: 1.7896  
Iteration: 88; Percent complete: 2.2%; Average loss: 1.8083  
Iteration: 89; Percent complete: 2.2%; Average loss: 1.9269  
Iteration: 90; Percent complete: 2.2%; Average loss: 1.7078  
Iteration: 91; Percent complete: 2.3%; Average loss: 1.7444  
Iteration: 92; Percent complete: 2.3%; Average loss: 1.5073  
Iteration: 93; Percent complete: 2.3%; Average loss: 1.8561  
Iteration: 94; Percent complete: 2.4%; Average loss: 1.7986  
Iteration: 95; Percent complete: 2.4%; Average loss: 1.6869  
Iteration: 96; Percent complete: 2.4%; Average loss: 1.6729  
Iteration: 97; Percent complete: 2.4%; Average loss: 1.6382  
Iteration: 98; Percent complete: 2.5%; Average loss: 1.7948  
Iteration: 99; Percent complete: 2.5%; Average loss: 1.8124  
Iteration: 100; Percent complete: 2.5%; Average loss: 1.9050  
Iteration: 101; Percent complete: 2.5%; Average loss: 1.6333  
Iteration: 102; Percent complete: 2.5%; Average loss: 1.6310  
Iteration: 103; Percent complete: 2.6%; Average loss: 1.7692  
Iteration: 104; Percent complete: 2.6%; Average loss: 1.5408  
Iteration: 105; Percent complete: 2.6%; Average loss: 1.8385  
Iteration: 106; Percent complete: 2.6%; Average loss: 1.6923  
Iteration: 107; Percent complete: 2.7%; Average loss: 1.7115  
Iteration: 108; Percent complete: 2.7%; Average loss: 1.9021  
Iteration: 109; Percent complete: 2.7%; Average loss: 1.6971  
Iteration: 110; Percent complete: 2.8%; Average loss: 1.7723  
Iteration: 111; Percent complete: 2.8%; Average loss: 1.7628  
Iteration: 112; Percent complete: 2.8%; Average loss: 1.6664  
Iteration: 113; Percent complete: 2.8%; Average loss: 1.7206  
Iteration: 114; Percent complete: 2.9%; Average loss: 1.7644  
Iteration: 115; Percent complete: 2.9%; Average loss: 1.7620  
Iteration: 116; Percent complete: 2.9%; Average loss: 1.7146  
Iteration: 117; Percent complete: 2.9%; Average loss: 1.9277  
Iteration: 118; Percent complete: 2.9%; Average loss: 1.7860  
Iteration: 119; Percent complete: 3.0%; Average loss: 1.6983  
Iteration: 120; Percent complete: 3.0%; Average loss: 1.6866  
Iteration: 121; Percent complete: 3.0%; Average loss: 1.7641  
Iteration: 122; Percent complete: 3.0%; Average loss: 1.7523  
Iteration: 123; Percent complete: 3.1%; Average loss: 1.9163  
Iteration: 124; Percent complete: 3.1%; Average loss: 1.8676  
Iteration: 125; Percent complete: 3.1%; Average loss: 1.6801  
Iteration: 126; Percent complete: 3.1%; Average loss: 1.9455  
Iteration: 127; Percent complete: 3.2%; Average loss: 1.5422  
Iteration: 128; Percent complete: 3.2%; Average loss: 1.6736  
Iteration: 129; Percent complete: 3.2%; Average loss: 1.5623  
Iteration: 130; Percent complete: 3.2%; Average loss: 1.7169  
Iteration: 131; Percent complete: 3.3%; Average loss: 1.7314  
Iteration: 132; Percent complete: 3.3%; Average loss: 2.0766  
Iteration: 133; Percent complete: 3.3%; Average loss: 1.6746

Iteration: 133; Percent complete: 3.3%; Average loss: 1.7741  
Iteration: 134; Percent complete: 3.4%; Average loss: 1.7264  
Iteration: 135; Percent complete: 3.4%; Average loss: 1.7551  
Iteration: 136; Percent complete: 3.4%; Average loss: 1.8580  
Iteration: 137; Percent complete: 3.4%; Average loss: 1.5160  
Iteration: 138; Percent complete: 3.5%; Average loss: 1.8138  
Iteration: 139; Percent complete: 3.5%; Average loss: 1.5921  
Iteration: 140; Percent complete: 3.5%; Average loss: 1.8004  
Iteration: 141; Percent complete: 3.5%; Average loss: 1.7937  
Iteration: 142; Percent complete: 3.5%; Average loss: 1.8660  
Iteration: 143; Percent complete: 3.6%; Average loss: 1.6692  
Iteration: 144; Percent complete: 3.6%; Average loss: 1.6308  
Iteration: 145; Percent complete: 3.6%; Average loss: 1.5638  
Iteration: 146; Percent complete: 3.6%; Average loss: 1.8096  
Iteration: 147; Percent complete: 3.7%; Average loss: 1.8454  
Iteration: 148; Percent complete: 3.7%; Average loss: 1.6733  
Iteration: 149; Percent complete: 3.7%; Average loss: 1.5199  
Iteration: 150; Percent complete: 3.8%; Average loss: 1.7371  
Iteration: 151; Percent complete: 3.8%; Average loss: 1.6552  
Iteration: 152; Percent complete: 3.8%; Average loss: 1.7034  
Iteration: 153; Percent complete: 3.8%; Average loss: 1.8827  
Iteration: 154; Percent complete: 3.9%; Average loss: 1.7696  
Iteration: 155; Percent complete: 3.9%; Average loss: 1.8249  
Iteration: 156; Percent complete: 3.9%; Average loss: 1.8430  
Iteration: 157; Percent complete: 3.9%; Average loss: 1.8970  
Iteration: 158; Percent complete: 4.0%; Average loss: 1.6257  
Iteration: 159; Percent complete: 4.0%; Average loss: 1.6290  
Iteration: 160; Percent complete: 4.0%; Average loss: 1.6251  
Iteration: 161; Percent complete: 4.0%; Average loss: 1.8082  
Iteration: 162; Percent complete: 4.0%; Average loss: 1.6456  
Iteration: 163; Percent complete: 4.1%; Average loss: 1.6980  
Iteration: 164; Percent complete: 4.1%; Average loss: 1.8556  
Iteration: 165; Percent complete: 4.1%; Average loss: 1.7341  
Iteration: 166; Percent complete: 4.2%; Average loss: 1.8576  
Iteration: 167; Percent complete: 4.2%; Average loss: 1.7831  
Iteration: 168; Percent complete: 4.2%; Average loss: 1.8450  
Iteration: 169; Percent complete: 4.2%; Average loss: 1.9331  
Iteration: 170; Percent complete: 4.2%; Average loss: 1.6907  
Iteration: 171; Percent complete: 4.3%; Average loss: 1.8443  
Iteration: 172; Percent complete: 4.3%; Average loss: 1.8724  
Iteration: 173; Percent complete: 4.3%; Average loss: 2.0703  
Iteration: 174; Percent complete: 4.3%; Average loss: 1.6825  
Iteration: 175; Percent complete: 4.4%; Average loss: 1.6595  
Iteration: 176; Percent complete: 4.4%; Average loss: 1.7263  
Iteration: 177; Percent complete: 4.4%; Average loss: 1.7381  
Iteration: 178; Percent complete: 4.5%; Average loss: 1.8049  
Iteration: 179; Percent complete: 4.5%; Average loss: 1.9407  
Iteration: 180; Percent complete: 4.5%; Average loss: 1.8655  
Iteration: 181; Percent complete: 4.5%; Average loss: 1.7739  
Iteration: 182; Percent complete: 4.5%; Average loss: 1.6890  
Iteration: 183; Percent complete: 4.6%; Average loss: 1.7200  
Iteration: 184; Percent complete: 4.6%; Average loss: 1.7596  
Iteration: 185; Percent complete: 4.6%; Average loss: 1.7432  
Iteration: 186; Percent complete: 4.7%; Average loss: 2.0784  
Iteration: 187; Percent complete: 4.7%; Average loss: 1.7499  
Iteration: 188; Percent complete: 4.7%; Average loss: 1.7889  
Iteration: 189; Percent complete: 4.7%; Average loss: 1.7395  
Iteration: 190; Percent complete: 4.8%; Average loss: 1.8916  
Iteration: 191; Percent complete: 4.8%; Average loss: 1.8596  
Iteration: 192; Percent complete: 4.8%; Average loss: 1.6517  
Iteration: 193; Percent complete: 4.8%; Average loss: 1.8994  
Iteration: 194; Percent complete: 4.9%; Average loss: 1.4306  
Iteration: 195; Percent complete: 4.9%; Average loss: 1.8080  
Iteration: 196; Percent complete: 4.9%; Average loss: 1.8562  
Iteration: 197; Percent complete: 4.9%; Average loss: 1.7002  
Iteration: 198; Percent complete: 5.0%; Average loss: 1.9133  
Iteration: 199; Percent complete: 5.0%; Average loss: 1.6599  
Iteration: 200; Percent complete: 5.0%; Average loss: 1.8495  
Iteration: 201; Percent complete: 5.0%; Average loss: 1.4354  
Iteration: 202; Percent complete: 5.1%; Average loss: 1.6607  
Iteration: 203; Percent complete: 5.1%; Average loss: 1.6304  
Iteration: 204; Percent complete: 5.1%; Average loss: 1.9081  
Iteration: 205; Percent complete: 5.1%; Average loss: 1.7893  
Iteration: 206; Percent complete: 5.1%; Average loss: 1.7608  
Iteration: 207; Percent complete: 5.2%; Average loss: 1.8625  
Iteration: 208; Percent complete: 5.2%; Average loss: 1.7096  
Iteration: 209; Percent complete: 5.2%; Average loss: 1.7703  
Iteration: 210; Percent complete: 5.2%; Average loss: 1.7371  
Iteration: 211; Percent complete: 5.3%; Average loss: 1.7948  
Iteration: 212; Percent complete: 5.3%; Average loss: 1.7218  
Iteration: 213; Percent complete: 5.3%; Average loss: 1.7843  
Iteration: 214; Percent complete: 5.3%; Average loss: 1.9806  
Iteration: 215; Percent complete: 5.4%; Average loss: 1.8295  
Iteration: 216; Percent complete: 5.4%; Average loss: 1.7632  
Iteration: 217; Percent complete: 5.4%; Average loss: 1.7376  
Iteration: 218; Percent complete: 5.5%; Average loss: 1.6905  
Iteration: 219; Percent complete: 5.5%; Average loss: 1.9463  
Iteration: 220; Percent complete: 5.5%; Average loss: 1.7378  
Iteration: 221; Percent complete: 5.5%; Average loss: 1.5215  
Iteration: 222; Percent complete: 5.5%; Average loss: 1.8054  
Iteration: 223; Percent complete: 5.6%; Average loss: 1.6772  
Iteration: 224; Percent complete: 5.6%; Average loss: 1.5899

Iteration: 224; Percent complete: 5.6%; Average loss: 1.8209  
Iteration: 225; Percent complete: 5.6%; Average loss: 1.8209  
Iteration: 226; Percent complete: 5.7%; Average loss: 2.0693  
Iteration: 227; Percent complete: 5.7%; Average loss: 1.8750  
Iteration: 228; Percent complete: 5.7%; Average loss: 1.7438  
Iteration: 229; Percent complete: 5.7%; Average loss: 1.6350  
Iteration: 230; Percent complete: 5.8%; Average loss: 1.6815  
Iteration: 231; Percent complete: 5.8%; Average loss: 1.7100  
Iteration: 232; Percent complete: 5.8%; Average loss: 1.8897  
Iteration: 233; Percent complete: 5.8%; Average loss: 1.7977  
Iteration: 234; Percent complete: 5.9%; Average loss: 1.7313  
Iteration: 235; Percent complete: 5.9%; Average loss: 1.7335  
Iteration: 236; Percent complete: 5.9%; Average loss: 1.6310  
Iteration: 237; Percent complete: 5.9%; Average loss: 1.7101  
Iteration: 238; Percent complete: 5.9%; Average loss: 1.8326  
Iteration: 239; Percent complete: 6.0%; Average loss: 1.8952  
Iteration: 240; Percent complete: 6.0%; Average loss: 1.6175  
Iteration: 241; Percent complete: 6.0%; Average loss: 1.6512  
Iteration: 242; Percent complete: 6.0%; Average loss: 1.6595  
Iteration: 243; Percent complete: 6.1%; Average loss: 1.7346  
Iteration: 244; Percent complete: 6.1%; Average loss: 1.6645  
Iteration: 245; Percent complete: 6.1%; Average loss: 1.7662  
Iteration: 246; Percent complete: 6.2%; Average loss: 1.8819  
Iteration: 247; Percent complete: 6.2%; Average loss: 1.9024  
Iteration: 248; Percent complete: 6.2%; Average loss: 1.7669  
Iteration: 249; Percent complete: 6.2%; Average loss: 1.7703  
Iteration: 250; Percent complete: 6.2%; Average loss: 1.7019  
Iteration: 251; Percent complete: 6.3%; Average loss: 1.6331  
Iteration: 252; Percent complete: 6.3%; Average loss: 2.0040  
Iteration: 253; Percent complete: 6.3%; Average loss: 1.7027  
Iteration: 254; Percent complete: 6.3%; Average loss: 1.6159  
Iteration: 255; Percent complete: 6.4%; Average loss: 1.5912  
Iteration: 256; Percent complete: 6.4%; Average loss: 1.6847  
Iteration: 257; Percent complete: 6.4%; Average loss: 1.5952  
Iteration: 258; Percent complete: 6.5%; Average loss: 1.7079  
Iteration: 259; Percent complete: 6.5%; Average loss: 1.5476  
Iteration: 260; Percent complete: 6.5%; Average loss: 1.7124  
Iteration: 261; Percent complete: 6.5%; Average loss: 1.6065  
Iteration: 262; Percent complete: 6.6%; Average loss: 1.6982  
Iteration: 263; Percent complete: 6.6%; Average loss: 1.8943  
Iteration: 264; Percent complete: 6.6%; Average loss: 1.8296  
Iteration: 265; Percent complete: 6.6%; Average loss: 1.7832  
Iteration: 266; Percent complete: 6.7%; Average loss: 1.8386  
Iteration: 267; Percent complete: 6.7%; Average loss: 1.6456  
Iteration: 268; Percent complete: 6.7%; Average loss: 1.7865  
Iteration: 269; Percent complete: 6.7%; Average loss: 1.8843  
Iteration: 270; Percent complete: 6.8%; Average loss: 1.7750  
Iteration: 271; Percent complete: 6.8%; Average loss: 1.8003  
Iteration: 272; Percent complete: 6.8%; Average loss: 1.8840  
Iteration: 273; Percent complete: 6.8%; Average loss: 1.7651  
Iteration: 274; Percent complete: 6.9%; Average loss: 1.7557  
Iteration: 275; Percent complete: 6.9%; Average loss: 2.1163  
Iteration: 276; Percent complete: 6.9%; Average loss: 1.5328  
Iteration: 277; Percent complete: 6.9%; Average loss: 1.6643  
Iteration: 278; Percent complete: 7.0%; Average loss: 1.8028  
Iteration: 279; Percent complete: 7.0%; Average loss: 1.7953  
Iteration: 280; Percent complete: 7.0%; Average loss: 1.9760  
Iteration: 281; Percent complete: 7.0%; Average loss: 1.8388  
Iteration: 282; Percent complete: 7.0%; Average loss: 1.6449  
Iteration: 283; Percent complete: 7.1%; Average loss: 1.7600  
Iteration: 284; Percent complete: 7.1%; Average loss: 1.7038  
Iteration: 285; Percent complete: 7.1%; Average loss: 1.8375  
Iteration: 286; Percent complete: 7.1%; Average loss: 1.8319  
Iteration: 287; Percent complete: 7.2%; Average loss: 1.6772  
Iteration: 288; Percent complete: 7.2%; Average loss: 1.6453  
Iteration: 289; Percent complete: 7.2%; Average loss: 1.7106  
Iteration: 290; Percent complete: 7.2%; Average loss: 1.7914  
Iteration: 291; Percent complete: 7.3%; Average loss: 1.8112  
Iteration: 292; Percent complete: 7.3%; Average loss: 1.5598  
Iteration: 293; Percent complete: 7.3%; Average loss: 1.9019  
Iteration: 294; Percent complete: 7.3%; Average loss: 1.7750  
Iteration: 295; Percent complete: 7.4%; Average loss: 1.7610  
Iteration: 296; Percent complete: 7.4%; Average loss: 1.8597  
Iteration: 297; Percent complete: 7.4%; Average loss: 1.7644  
Iteration: 298; Percent complete: 7.4%; Average loss: 1.7169  
Iteration: 299; Percent complete: 7.5%; Average loss: 1.7518  
Iteration: 300; Percent complete: 7.5%; Average loss: 1.6641  
Iteration: 301; Percent complete: 7.5%; Average loss: 1.8320  
Iteration: 302; Percent complete: 7.5%; Average loss: 1.7899  
Iteration: 303; Percent complete: 7.6%; Average loss: 1.7136  
Iteration: 304; Percent complete: 7.6%; Average loss: 1.8209  
Iteration: 305; Percent complete: 7.6%; Average loss: 1.8300  
Iteration: 306; Percent complete: 7.6%; Average loss: 1.6356  
Iteration: 307; Percent complete: 7.7%; Average loss: 1.7144  
Iteration: 308; Percent complete: 7.7%; Average loss: 1.8808  
Iteration: 309; Percent complete: 7.7%; Average loss: 1.6954  
Iteration: 310; Percent complete: 7.8%; Average loss: 2.0808  
Iteration: 311; Percent complete: 7.8%; Average loss: 1.8876  
Iteration: 312; Percent complete: 7.8%; Average loss: 1.6614  
Iteration: 313; Percent complete: 7.8%; Average loss: 1.6876  
Iteration: 314; Percent complete: 7.8%; Average loss: 1.5913  
Iteration: 315; Percent complete: 7.9%; Average loss: 1.8718

Iteration: 316; Percent complete: 7.9%; Average loss: 1.8536  
Iteration: 317; Percent complete: 7.9%; Average loss: 1.5715  
Iteration: 318; Percent complete: 8.0%; Average loss: 1.7528  
Iteration: 319; Percent complete: 8.0%; Average loss: 1.5967  
Iteration: 320; Percent complete: 8.0%; Average loss: 1.7914  
Iteration: 321; Percent complete: 8.0%; Average loss: 1.7499  
Iteration: 322; Percent complete: 8.1%; Average loss: 1.8025  
Iteration: 323; Percent complete: 8.1%; Average loss: 1.7581  
Iteration: 324; Percent complete: 8.1%; Average loss: 1.7174  
Iteration: 325; Percent complete: 8.1%; Average loss: 1.7457  
Iteration: 326; Percent complete: 8.2%; Average loss: 1.6534  
Iteration: 327; Percent complete: 8.2%; Average loss: 1.7597  
Iteration: 328; Percent complete: 8.2%; Average loss: 1.7514  
Iteration: 329; Percent complete: 8.2%; Average loss: 1.5576  
Iteration: 330; Percent complete: 8.2%; Average loss: 1.8510  
Iteration: 331; Percent complete: 8.3%; Average loss: 1.8390  
Iteration: 332; Percent complete: 8.3%; Average loss: 1.7991  
Iteration: 333; Percent complete: 8.3%; Average loss: 1.6251  
Iteration: 334; Percent complete: 8.3%; Average loss: 1.5506  
Iteration: 335; Percent complete: 8.4%; Average loss: 1.5060  
Iteration: 336; Percent complete: 8.4%; Average loss: 1.9568  
Iteration: 337; Percent complete: 8.4%; Average loss: 1.9562  
Iteration: 338; Percent complete: 8.5%; Average loss: 1.6879  
Iteration: 339; Percent complete: 8.5%; Average loss: 2.0798  
Iteration: 340; Percent complete: 8.5%; Average loss: 1.7839  
Iteration: 341; Percent complete: 8.5%; Average loss: 1.9208  
Iteration: 342; Percent complete: 8.6%; Average loss: 1.5489  
Iteration: 343; Percent complete: 8.6%; Average loss: 1.6355  
Iteration: 344; Percent complete: 8.6%; Average loss: 1.8483  
Iteration: 345; Percent complete: 8.6%; Average loss: 1.6450  
Iteration: 346; Percent complete: 8.6%; Average loss: 1.6864  
Iteration: 347; Percent complete: 8.7%; Average loss: 1.7818  
Iteration: 348; Percent complete: 8.7%; Average loss: 1.5795  
Iteration: 349; Percent complete: 8.7%; Average loss: 1.8634  
Iteration: 350; Percent complete: 8.8%; Average loss: 1.8862  
Iteration: 351; Percent complete: 8.8%; Average loss: 1.8964  
Iteration: 352; Percent complete: 8.8%; Average loss: 1.7833  
Iteration: 353; Percent complete: 8.8%; Average loss: 1.6922  
Iteration: 354; Percent complete: 8.8%; Average loss: 1.5732  
Iteration: 355; Percent complete: 8.9%; Average loss: 1.7793  
Iteration: 356; Percent complete: 8.9%; Average loss: 1.5569  
Iteration: 357; Percent complete: 8.9%; Average loss: 1.9667  
Iteration: 358; Percent complete: 8.9%; Average loss: 1.7596  
Iteration: 359; Percent complete: 9.0%; Average loss: 1.7003  
Iteration: 360; Percent complete: 9.0%; Average loss: 1.8725  
Iteration: 361; Percent complete: 9.0%; Average loss: 1.8179  
Iteration: 362; Percent complete: 9.0%; Average loss: 1.6604  
Iteration: 363; Percent complete: 9.1%; Average loss: 1.7061  
Iteration: 364; Percent complete: 9.1%; Average loss: 1.6911  
Iteration: 365; Percent complete: 9.1%; Average loss: 1.5647  
Iteration: 366; Percent complete: 9.2%; Average loss: 1.7448  
Iteration: 367; Percent complete: 9.2%; Average loss: 1.9287  
Iteration: 368; Percent complete: 9.2%; Average loss: 1.8105  
Iteration: 369; Percent complete: 9.2%; Average loss: 1.5710  
Iteration: 370; Percent complete: 9.2%; Average loss: 1.8020  
Iteration: 371; Percent complete: 9.3%; Average loss: 1.7884  
Iteration: 372; Percent complete: 9.3%; Average loss: 1.5820  
Iteration: 373; Percent complete: 9.3%; Average loss: 1.6881  
Iteration: 374; Percent complete: 9.3%; Average loss: 1.7838  
Iteration: 375; Percent complete: 9.4%; Average loss: 1.5884  
Iteration: 376; Percent complete: 9.4%; Average loss: 1.7704  
Iteration: 377; Percent complete: 9.4%; Average loss: 1.7174  
Iteration: 378; Percent complete: 9.4%; Average loss: 1.7740  
Iteration: 379; Percent complete: 9.5%; Average loss: 1.9599  
Iteration: 380; Percent complete: 9.5%; Average loss: 1.8092  
Iteration: 381; Percent complete: 9.5%; Average loss: 1.8757  
Iteration: 382; Percent complete: 9.6%; Average loss: 1.5674  
Iteration: 383; Percent complete: 9.6%; Average loss: 1.8056  
Iteration: 384; Percent complete: 9.6%; Average loss: 1.6761  
Iteration: 385; Percent complete: 9.6%; Average loss: 1.7698  
Iteration: 386; Percent complete: 9.7%; Average loss: 1.8577  
Iteration: 387; Percent complete: 9.7%; Average loss: 1.7955  
Iteration: 388; Percent complete: 9.7%; Average loss: 1.6842  
Iteration: 389; Percent complete: 9.7%; Average loss: 1.9000  
Iteration: 390; Percent complete: 9.8%; Average loss: 1.7875  
Iteration: 391; Percent complete: 9.8%; Average loss: 1.8400  
Iteration: 392; Percent complete: 9.8%; Average loss: 1.6059  
Iteration: 393; Percent complete: 9.8%; Average loss: 1.8678  
Iteration: 394; Percent complete: 9.8%; Average loss: 1.7143  
Iteration: 395; Percent complete: 9.9%; Average loss: 1.6583  
Iteration: 396; Percent complete: 9.9%; Average loss: 1.5876  
Iteration: 397; Percent complete: 9.9%; Average loss: 1.8948  
Iteration: 398; Percent complete: 10.0%; Average loss: 1.7606  
Iteration: 399; Percent complete: 10.0%; Average loss: 1.6860  
Iteration: 400; Percent complete: 10.0%; Average loss: 1.6079  
Iteration: 401; Percent complete: 10.0%; Average loss: 1.6525  
Iteration: 402; Percent complete: 10.1%; Average loss: 1.7533  
Iteration: 403; Percent complete: 10.1%; Average loss: 1.9013  
Iteration: 404; Percent complete: 10.1%; Average loss: 1.7536  
Iteration: 405; Percent complete: 10.1%; Average loss: 1.6599  
Iteration: 406; Percent complete: 10.2%; Average loss: 1.9327



|                 |                   |        |               |        |
|-----------------|-------------------|--------|---------------|--------|
| Iteration: 407; | Percent complete: | 10.2%; | Average loss: | 1.6733 |
| Iteration: 408; | Percent complete: | 10.2%; | Average loss: | 1.7113 |
| Iteration: 409; | Percent complete: | 10.2%; | Average loss: | 1.8460 |
| Iteration: 410; | Percent complete: | 10.2%; | Average loss: | 1.7680 |
| Iteration: 411; | Percent complete: | 10.3%; | Average loss: | 1.9103 |
| Iteration: 412; | Percent complete: | 10.3%; | Average loss: | 1.6507 |
| Iteration: 413; | Percent complete: | 10.3%; | Average loss: | 1.7098 |
| Iteration: 414; | Percent complete: | 10.3%; | Average loss: | 1.7595 |
| Iteration: 415; | Percent complete: | 10.4%; | Average loss: | 1.5999 |
| Iteration: 416; | Percent complete: | 10.4%; | Average loss: | 1.6475 |
| Iteration: 417; | Percent complete: | 10.4%; | Average loss: | 1.5827 |
| Iteration: 418; | Percent complete: | 10.4%; | Average loss: | 1.7754 |
| Iteration: 419; | Percent complete: | 10.5%; | Average loss: | 1.6117 |
| Iteration: 420; | Percent complete: | 10.5%; | Average loss: | 1.8339 |
| Iteration: 421; | Percent complete: | 10.5%; | Average loss: | 1.7107 |
| Iteration: 422; | Percent complete: | 10.5%; | Average loss: | 1.8725 |
| Iteration: 423; | Percent complete: | 10.6%; | Average loss: | 1.3743 |
| Iteration: 424; | Percent complete: | 10.6%; | Average loss: | 1.6726 |
| Iteration: 425; | Percent complete: | 10.6%; | Average loss: | 1.6350 |
| Iteration: 426; | Percent complete: | 10.7%; | Average loss: | 1.7941 |
| Iteration: 427; | Percent complete: | 10.7%; | Average loss: | 1.9185 |
| Iteration: 428; | Percent complete: | 10.7%; | Average loss: | 1.8708 |
| Iteration: 429; | Percent complete: | 10.7%; | Average loss: | 1.7538 |
| Iteration: 430; | Percent complete: | 10.8%; | Average loss: | 1.6354 |
| Iteration: 431; | Percent complete: | 10.8%; | Average loss: | 1.7498 |
| Iteration: 432; | Percent complete: | 10.8%; | Average loss: | 1.7893 |
| Iteration: 433; | Percent complete: | 10.8%; | Average loss: | 1.9074 |
| Iteration: 434; | Percent complete: | 10.8%; | Average loss: | 1.7090 |
| Iteration: 435; | Percent complete: | 10.9%; | Average loss: | 1.7354 |
| Iteration: 436; | Percent complete: | 10.9%; | Average loss: | 1.5556 |
| Iteration: 437; | Percent complete: | 10.9%; | Average loss: | 1.6293 |
| Iteration: 438; | Percent complete: | 10.9%; | Average loss: | 1.6879 |
| Iteration: 439; | Percent complete: | 11.0%; | Average loss: | 1.6550 |
| Iteration: 440; | Percent complete: | 11.0%; | Average loss: | 1.7705 |
| Iteration: 441; | Percent complete: | 11.0%; | Average loss: | 1.9371 |
| Iteration: 442; | Percent complete: | 11.1%; | Average loss: | 1.8791 |
| Iteration: 443; | Percent complete: | 11.1%; | Average loss: | 1.7651 |
| Iteration: 444; | Percent complete: | 11.1%; | Average loss: | 1.8289 |
| Iteration: 445; | Percent complete: | 11.1%; | Average loss: | 1.9700 |
| Iteration: 446; | Percent complete: | 11.2%; | Average loss: | 1.9427 |
| Iteration: 447; | Percent complete: | 11.2%; | Average loss: | 1.8492 |
| Iteration: 448; | Percent complete: | 11.2%; | Average loss: | 1.5278 |
| Iteration: 449; | Percent complete: | 11.2%; | Average loss: | 1.9513 |
| Iteration: 450; | Percent complete: | 11.2%; | Average loss: | 1.9096 |
| Iteration: 451; | Percent complete: | 11.3%; | Average loss: | 1.8454 |
| Iteration: 452; | Percent complete: | 11.3%; | Average loss: | 1.7948 |
| Iteration: 453; | Percent complete: | 11.3%; | Average loss: | 1.8656 |
| Iteration: 454; | Percent complete: | 11.3%; | Average loss: | 1.9151 |
| Iteration: 455; | Percent complete: | 11.4%; | Average loss: | 1.7969 |
| Iteration: 456; | Percent complete: | 11.4%; | Average loss: | 1.9461 |
| Iteration: 457; | Percent complete: | 11.4%; | Average loss: | 1.8571 |
| Iteration: 458; | Percent complete: | 11.5%; | Average loss: | 1.6180 |
| Iteration: 459; | Percent complete: | 11.5%; | Average loss: | 1.6937 |
| Iteration: 460; | Percent complete: | 11.5%; | Average loss: | 1.8955 |
| Iteration: 461; | Percent complete: | 11.5%; | Average loss: | 1.5803 |
| Iteration: 462; | Percent complete: | 11.6%; | Average loss: | 1.6637 |
| Iteration: 463; | Percent complete: | 11.6%; | Average loss: | 1.7725 |
| Iteration: 464; | Percent complete: | 11.6%; | Average loss: | 1.7316 |
| Iteration: 465; | Percent complete: | 11.6%; | Average loss: | 1.7417 |
| Iteration: 466; | Percent complete: | 11.7%; | Average loss: | 1.5547 |
| Iteration: 467; | Percent complete: | 11.7%; | Average loss: | 1.7480 |
| Iteration: 468; | Percent complete: | 11.7%; | Average loss: | 1.9243 |
| Iteration: 469; | Percent complete: | 11.7%; | Average loss: | 1.8122 |
| Iteration: 470; | Percent complete: | 11.8%; | Average loss: | 1.5427 |
| Iteration: 471; | Percent complete: | 11.8%; | Average loss: | 1.8067 |
| Iteration: 472; | Percent complete: | 11.8%; | Average loss: | 1.7582 |
| Iteration: 473; | Percent complete: | 11.8%; | Average loss: | 1.8569 |
| Iteration: 474; | Percent complete: | 11.8%; | Average loss: | 1.6195 |
| Iteration: 475; | Percent complete: | 11.9%; | Average loss: | 1.8250 |
| Iteration: 476; | Percent complete: | 11.9%; | Average loss: | 1.6888 |
| Iteration: 477; | Percent complete: | 11.9%; | Average loss: | 1.9114 |
| Iteration: 478; | Percent complete: | 11.9%; | Average loss: | 1.8578 |
| Iteration: 479; | Percent complete: | 12.0%; | Average loss: | 1.6510 |
| Iteration: 480; | Percent complete: | 12.0%; | Average loss: | 1.7270 |
| Iteration: 481; | Percent complete: | 12.0%; | Average loss: | 1.6082 |
| Iteration: 482; | Percent complete: | 12.0%; | Average loss: | 1.8953 |
| Iteration: 483; | Percent complete: | 12.1%; | Average loss: | 1.9670 |
| Iteration: 484; | Percent complete: | 12.1%; | Average loss: | 1.5417 |
| Iteration: 485; | Percent complete: | 12.1%; | Average loss: | 1.8816 |
| Iteration: 486; | Percent complete: | 12.2%; | Average loss: | 1.7821 |
| Iteration: 487; | Percent complete: | 12.2%; | Average loss: | 1.7449 |
| Iteration: 488; | Percent complete: | 12.2%; | Average loss: | 1.747  |

|                 |                   |        |               |        |
|-----------------|-------------------|--------|---------------|--------|
| Iteration: 498; | Percent complete: | 12.4%; | Average loss: | 2.0267 |
| Iteration: 499; | Percent complete: | 12.5%; | Average loss: | 1.6011 |
| Iteration: 500; | Percent complete: | 12.5%; | Average loss: | 1.6653 |
| Iteration: 501; | Percent complete: | 12.5%; | Average loss: | 1.7707 |
| Iteration: 502; | Percent complete: | 12.6%; | Average loss: | 1.5496 |
| Iteration: 503; | Percent complete: | 12.6%; | Average loss: | 1.7123 |
| Iteration: 504; | Percent complete: | 12.6%; | Average loss: | 1.9074 |
| Iteration: 505; | Percent complete: | 12.6%; | Average loss: | 1.8687 |
| Iteration: 506; | Percent complete: | 12.7%; | Average loss: | 1.7802 |
| Iteration: 507; | Percent complete: | 12.7%; | Average loss: | 1.6773 |
| Iteration: 508; | Percent complete: | 12.7%; | Average loss: | 1.9294 |
| Iteration: 509; | Percent complete: | 12.7%; | Average loss: | 1.8062 |
| Iteration: 510; | Percent complete: | 12.8%; | Average loss: | 1.8222 |
| Iteration: 511; | Percent complete: | 12.8%; | Average loss: | 1.7149 |
| Iteration: 512; | Percent complete: | 12.8%; | Average loss: | 1.6723 |
| Iteration: 513; | Percent complete: | 12.8%; | Average loss: | 1.7920 |
| Iteration: 514; | Percent complete: | 12.8%; | Average loss: | 1.9351 |
| Iteration: 515; | Percent complete: | 12.9%; | Average loss: | 1.8552 |
| Iteration: 516; | Percent complete: | 12.9%; | Average loss: | 1.7653 |
| Iteration: 517; | Percent complete: | 12.9%; | Average loss: | 1.8594 |
| Iteration: 518; | Percent complete: | 13.0%; | Average loss: | 1.5233 |
| Iteration: 519; | Percent complete: | 13.0%; | Average loss: | 1.5640 |
| Iteration: 520; | Percent complete: | 13.0%; | Average loss: | 1.5999 |
| Iteration: 521; | Percent complete: | 13.0%; | Average loss: | 1.9598 |
| Iteration: 522; | Percent complete: | 13.1%; | Average loss: | 1.7039 |
| Iteration: 523; | Percent complete: | 13.1%; | Average loss: | 1.7991 |
| Iteration: 524; | Percent complete: | 13.1%; | Average loss: | 2.0233 |
| Iteration: 525; | Percent complete: | 13.1%; | Average loss: | 1.5559 |
| Iteration: 526; | Percent complete: | 13.2%; | Average loss: | 1.7208 |
| Iteration: 527; | Percent complete: | 13.2%; | Average loss: | 1.6868 |
| Iteration: 528; | Percent complete: | 13.2%; | Average loss: | 1.6126 |
| Iteration: 529; | Percent complete: | 13.2%; | Average loss: | 1.6553 |
| Iteration: 530; | Percent complete: | 13.2%; | Average loss: | 1.8114 |
| Iteration: 531; | Percent complete: | 13.3%; | Average loss: | 1.5854 |
| Iteration: 532; | Percent complete: | 13.3%; | Average loss: | 1.6592 |
| Iteration: 533; | Percent complete: | 13.3%; | Average loss: | 1.7364 |
| Iteration: 534; | Percent complete: | 13.4%; | Average loss: | 1.8764 |
| Iteration: 535; | Percent complete: | 13.4%; | Average loss: | 1.9377 |
| Iteration: 536; | Percent complete: | 13.4%; | Average loss: | 1.9442 |
| Iteration: 537; | Percent complete: | 13.4%; | Average loss: | 1.8001 |
| Iteration: 538; | Percent complete: | 13.5%; | Average loss: | 1.7926 |
| Iteration: 539; | Percent complete: | 13.5%; | Average loss: | 1.8850 |
| Iteration: 540; | Percent complete: | 13.5%; | Average loss: | 1.7602 |
| Iteration: 541; | Percent complete: | 13.5%; | Average loss: | 1.7552 |
| Iteration: 542; | Percent complete: | 13.6%; | Average loss: | 1.6940 |
| Iteration: 543; | Percent complete: | 13.6%; | Average loss: | 1.8388 |
| Iteration: 544; | Percent complete: | 13.6%; | Average loss: | 1.9186 |
| Iteration: 545; | Percent complete: | 13.6%; | Average loss: | 1.6763 |
| Iteration: 546; | Percent complete: | 13.7%; | Average loss: | 1.8722 |
| Iteration: 547; | Percent complete: | 13.7%; | Average loss: | 1.7400 |
| Iteration: 548; | Percent complete: | 13.7%; | Average loss: | 1.5499 |
| Iteration: 549; | Percent complete: | 13.7%; | Average loss: | 2.0457 |
| Iteration: 550; | Percent complete: | 13.8%; | Average loss: | 1.5803 |
| Iteration: 551; | Percent complete: | 13.8%; | Average loss: | 1.8940 |
| Iteration: 552; | Percent complete: | 13.8%; | Average loss: | 1.7366 |
| Iteration: 553; | Percent complete: | 13.8%; | Average loss: | 1.7102 |
| Iteration: 554; | Percent complete: | 13.9%; | Average loss: | 1.7643 |
| Iteration: 555; | Percent complete: | 13.9%; | Average loss: | 1.9407 |
| Iteration: 556; | Percent complete: | 13.9%; | Average loss: | 1.6321 |
| Iteration: 557; | Percent complete: | 13.9%; | Average loss: | 1.5856 |
| Iteration: 558; | Percent complete: | 14.0%; | Average loss: | 1.5658 |
| Iteration: 559; | Percent complete: | 14.0%; | Average loss: | 1.6498 |
| Iteration: 560; | Percent complete: | 14.0%; | Average loss: | 1.6360 |
| Iteration: 561; | Percent complete: | 14.0%; | Average loss: | 1.8697 |
| Iteration: 562; | Percent complete: | 14.1%; | Average loss: | 1.6578 |
| Iteration: 563; | Percent complete: | 14.1%; | Average loss: | 1.8140 |
| Iteration: 564; | Percent complete: | 14.1%; | Average loss: | 1.7269 |
| Iteration: 565; | Percent complete: | 14.1%; | Average loss: | 1.8794 |
| Iteration: 566; | Percent complete: | 14.1%; | Average loss: | 1.5462 |
| Iteration: 567; | Percent complete: | 14.2%; | Average loss: | 1.7864 |
| Iteration: 568; | Percent complete: | 14.2%; | Average loss: | 1.8380 |
| Iteration: 569; | Percent complete: | 14.2%; | Average loss: | 1.6810 |
| Iteration: 570; | Percent complete: | 14.2%; | Average loss: | 1.6782 |
| Iteration: 571; | Percent complete: | 14.3%; | Average loss: | 1.5804 |
| Iteration: 572; | Percent complete: | 14.3%; | Average loss: | 1.8278 |
| Iteration: 573; | Percent complete: | 14.3%; | Average loss: | 1.7859 |
| Iteration: 574; | Percent complete: | 14.3%; | Average loss: | 1.7528 |
| Iteration: 575; | Percent complete: | 14.4%; | Average loss: | 1.6179 |
| Iteration: 576; | Percent complete: | 14.4%; | Average loss: | 1.7028 |
| Iteration: 577; | Percent complete: | 14.4%; | Average loss: | 1.5643 |
| Iteration: 578; | Percent complete: | 14.4%; | Average loss: | 1.6048 |
| Iteration: 579; | Percent complete: | 14.5%; | Average loss: | 1.572  |

|            |      |         |           |        |         |       |       |
|------------|------|---------|-----------|--------|---------|-------|-------|
| Iteration: | 509; | Percent | complete: | 14.7%; | Average | loss: | 1.846 |
| Iteration: | 590; | Percent | complete: | 14.8%; | Average | loss: | 1.446 |
| Iteration: | 591; | Percent | complete: | 14.8%; | Average | loss: | 1.631 |
| Iteration: | 592; | Percent | complete: | 14.8%; | Average | loss: | 1.607 |
| Iteration: | 593; | Percent | complete: | 14.8%; | Average | loss: | 1.546 |
| Iteration: | 594; | Percent | complete: | 14.8%; | Average | loss: | 1.655 |
| Iteration: | 595; | Percent | complete: | 14.9%; | Average | loss: | 1.896 |
| Iteration: | 596; | Percent | complete: | 14.9%; | Average | loss: | 1.803 |
| Iteration: | 597; | Percent | complete: | 14.9%; | Average | loss: | 1.818 |
| Iteration: | 598; | Percent | complete: | 14.9%; | Average | loss: | 1.761 |
| Iteration: | 599; | Percent | complete: | 15.0%; | Average | loss: | 1.572 |
| Iteration: | 600; | Percent | complete: | 15.0%; | Average | loss: | 1.716 |
| Iteration: | 601; | Percent | complete: | 15.0%; | Average | loss: | 1.765 |
| Iteration: | 602; | Percent | complete: | 15.0%; | Average | loss: | 1.605 |
| Iteration: | 603; | Percent | complete: | 15.1%; | Average | loss: | 1.686 |
| Iteration: | 604; | Percent | complete: | 15.1%; | Average | loss: | 1.498 |
| Iteration: | 605; | Percent | complete: | 15.1%; | Average | loss: | 1.849 |
| Iteration: | 606; | Percent | complete: | 15.2%; | Average | loss: | 1.521 |
| Iteration: | 607; | Percent | complete: | 15.2%; | Average | loss: | 1.745 |
| Iteration: | 608; | Percent | complete: | 15.2%; | Average | loss: | 1.863 |
| Iteration: | 609; | Percent | complete: | 15.2%; | Average | loss: | 1.635 |
| Iteration: | 610; | Percent | complete: | 15.2%; | Average | loss: | 1.598 |
| Iteration: | 611; | Percent | complete: | 15.3%; | Average | loss: | 1.718 |
| Iteration: | 612; | Percent | complete: | 15.3%; | Average | loss: | 1.546 |
| Iteration: | 613; | Percent | complete: | 15.3%; | Average | loss: | 1.816 |
| Iteration: | 614; | Percent | complete: | 15.3%; | Average | loss: | 1.985 |
| Iteration: | 615; | Percent | complete: | 15.4%; | Average | loss: | 1.853 |
| Iteration: | 616; | Percent | complete: | 15.4%; | Average | loss: | 1.999 |
| Iteration: | 617; | Percent | complete: | 15.4%; | Average | loss: | 1.767 |
| Iteration: | 618; | Percent | complete: | 15.4%; | Average | loss: | 1.594 |
| Iteration: | 619; | Percent | complete: | 15.5%; | Average | loss: | 1.642 |
| Iteration: | 620; | Percent | complete: | 15.5%; | Average | loss: | 1.708 |
| Iteration: | 621; | Percent | complete: | 15.5%; | Average | loss: | 1.679 |
| Iteration: | 622; | Percent | complete: | 15.6%; | Average | loss: | 1.786 |
| Iteration: | 623; | Percent | complete: | 15.6%; | Average | loss: | 1.806 |
| Iteration: | 624; | Percent | complete: | 15.6%; | Average | loss: | 1.916 |
| Iteration: | 625; | Percent | complete: | 15.6%; | Average | loss: | 1.958 |
| Iteration: | 626; | Percent | complete: | 15.7%; | Average | loss: | 1.676 |
| Iteration: | 627; | Percent | complete: | 15.7%; | Average | loss: | 2.006 |
| Iteration: | 628; | Percent | complete: | 15.7%; | Average | loss: | 1.691 |
| Iteration: | 629; | Percent | complete: | 15.7%; | Average | loss: | 1.712 |
| Iteration: | 630; | Percent | complete: | 15.8%; | Average | loss: | 2.116 |
| Iteration: | 631; | Percent | complete: | 15.8%; | Average | loss: | 1.905 |
| Iteration: | 632; | Percent | complete: | 15.8%; | Average | loss: | 1.736 |
| Iteration: | 633; | Percent | complete: | 15.8%; | Average | loss: | 1.834 |
| Iteration: | 634; | Percent | complete: | 15.8%; | Average | loss: | 1.789 |
| Iteration: | 635; | Percent | complete: | 15.9%; | Average | loss: | 1.704 |
| Iteration: | 636; | Percent | complete: | 15.9%; | Average | loss: | 1.777 |
| Iteration: | 637; | Percent | complete: | 15.9%; | Average | loss: | 1.917 |
| Iteration: | 638; | Percent | complete: | 16.0%; | Average | loss: | 1.786 |
| Iteration: | 639; | Percent | complete: | 16.0%; | Average | loss: | 1.598 |
| Iteration: | 640; | Percent | complete: | 16.0%; | Average | loss: | 1.623 |
| Iteration: | 641; | Percent | complete: | 16.0%; | Average | loss: | 1.656 |
| Iteration: | 642; | Percent | complete: | 16.1%; | Average | loss: | 1.692 |
| Iteration: | 643; | Percent | complete: | 16.1%; | Average | loss: | 1.743 |
| Iteration: | 644; | Percent | complete: | 16.1%; | Average | loss: | 1.865 |
| Iteration: | 645; | Percent | complete: | 16.1%; | Average | loss: | 1.696 |
| Iteration: | 646; | Percent | complete: | 16.2%; | Average | loss: | 1.411 |
| Iteration: | 647; | Percent | complete: | 16.2%; | Average | loss: | 1.654 |
| Iteration: | 648; | Percent | complete: | 16.2%; | Average | loss: | 1.699 |
| Iteration: | 649; | Percent | complete: | 16.2%; | Average | loss: | 1.678 |
| Iteration: | 650; | Percent | complete: | 16.2%; | Average | loss: | 1.655 |
| Iteration: | 651; | Percent | complete: | 16.3%; | Average | loss: | 1.842 |
| Iteration: | 652; | Percent | complete: | 16.3%; | Average | loss: | 1.734 |
| Iteration: | 653; | Percent | complete: | 16.3%; | Average | loss: | 1.942 |
| Iteration: | 654; | Percent | complete: | 16.4%; | Average | loss: | 1.786 |
|            |      |         |           |        |         |       |       |

|            |      |         |           |        |         |       |        |
|------------|------|---------|-----------|--------|---------|-------|--------|
| Iteration: | 681; | Percent | complete: | 17.0%; | Average | loss: | 1.8912 |
| Iteration: | 682; | Percent | complete: | 17.1%; | Average | loss: | 1.7456 |
| Iteration: | 683; | Percent | complete: | 17.1%; | Average | loss: | 1.5817 |
| Iteration: | 684; | Percent | complete: | 17.1%; | Average | loss: | 1.8144 |
| Iteration: | 685; | Percent | complete: | 17.1%; | Average | loss: | 1.6692 |
| Iteration: | 686; | Percent | complete: | 17.2%; | Average | loss: | 1.5812 |
| Iteration: | 687; | Percent | complete: | 17.2%; | Average | loss: | 1.6903 |
| Iteration: | 688; | Percent | complete: | 17.2%; | Average | loss: | 1.7465 |
| Iteration: | 689; | Percent | complete: | 17.2%; | Average | loss: | 1.8257 |
| Iteration: | 690; | Percent | complete: | 17.2%; | Average | loss: | 1.3748 |
| Iteration: | 691; | Percent | complete: | 17.3%; | Average | loss: | 1.7550 |
| Iteration: | 692; | Percent | complete: | 17.3%; | Average | loss: | 1.8029 |
| Iteration: | 693; | Percent | complete: | 17.3%; | Average | loss: | 1.9438 |
| Iteration: | 694; | Percent | complete: | 17.3%; | Average | loss: | 1.5344 |
| Iteration: | 695; | Percent | complete: | 17.4%; | Average | loss: | 1.7535 |
| Iteration: | 696; | Percent | complete: | 17.4%; | Average | loss: | 1.5933 |
| Iteration: | 697; | Percent | complete: | 17.4%; | Average | loss: | 1.6163 |
| Iteration: | 698; | Percent | complete: | 17.4%; | Average | loss: | 1.7886 |
| Iteration: | 699; | Percent | complete: | 17.5%; | Average | loss: | 1.6726 |
| Iteration: | 700; | Percent | complete: | 17.5%; | Average | loss: | 1.7465 |
| Iteration: | 701; | Percent | complete: | 17.5%; | Average | loss: | 1.7478 |
| Iteration: | 702; | Percent | complete: | 17.5%; | Average | loss: | 1.6507 |
| Iteration: | 703; | Percent | complete: | 17.6%; | Average | loss: | 1.7774 |
| Iteration: | 704; | Percent | complete: | 17.6%; | Average | loss: | 1.8184 |
| Iteration: | 705; | Percent | complete: | 17.6%; | Average | loss: | 1.7447 |
| Iteration: | 706; | Percent | complete: | 17.6%; | Average | loss: | 1.6852 |
| Iteration: | 707; | Percent | complete: | 17.7%; | Average | loss: | 1.4562 |
| Iteration: | 708; | Percent | complete: | 17.7%; | Average | loss: | 1.7383 |
| Iteration: | 709; | Percent | complete: | 17.7%; | Average | loss: | 1.9047 |
| Iteration: | 710; | Percent | complete: | 17.8%; | Average | loss: | 1.8522 |
| Iteration: | 711; | Percent | complete: | 17.8%; | Average | loss: | 1.7929 |
| Iteration: | 712; | Percent | complete: | 17.8%; | Average | loss: | 1.8049 |
| Iteration: | 713; | Percent | complete: | 17.8%; | Average | loss: | 1.7881 |
| Iteration: | 714; | Percent | complete: | 17.8%; | Average | loss: | 1.8813 |
| Iteration: | 715; | Percent | complete: | 17.9%; | Average | loss: | 1.8780 |
| Iteration: | 716; | Percent | complete: | 17.9%; | Average | loss: | 1.7781 |
| Iteration: | 717; | Percent | complete: | 17.9%; | Average | loss: | 1.8522 |
| Iteration: | 718; | Percent | complete: | 17.9%; | Average | loss: | 1.7917 |
| Iteration: | 719; | Percent | complete: | 18.0%; | Average | loss: | 1.4819 |
| Iteration: | 720; | Percent | complete: | 18.0%; | Average | loss: | 1.6040 |
| Iteration: | 721; | Percent | complete: | 18.0%; | Average | loss: | 1.8457 |
| Iteration: | 722; | Percent | complete: | 18.1%; | Average | loss: | 1.7804 |
| Iteration: | 723; | Percent | complete: | 18.1%; | Average | loss: | 1.7594 |
| Iteration: | 724; | Percent | complete: | 18.1%; | Average | loss: | 1.8136 |
| Iteration: | 725; | Percent | complete: | 18.1%; | Average | loss: | 1.8504 |
| Iteration: | 726; | Percent | complete: | 18.1%; | Average | loss: | 1.7370 |
| Iteration: | 727; | Percent | complete: | 18.2%; | Average | loss: | 1.6784 |
| Iteration: | 728; | Percent | complete: | 18.2%; | Average | loss: | 1.6581 |
| Iteration: | 729; | Percent | complete: | 18.2%; | Average | loss: | 1.6117 |
| Iteration: | 730; | Percent | complete: | 18.2%; | Average | loss: | 1.5903 |
| Iteration: | 731; | Percent | complete: | 18.3%; | Average | loss: | 1.5563 |
| Iteration: | 732; | Percent | complete: | 18.3%; | Average | loss: | 1.7255 |
| Iteration: | 733; | Percent | complete: | 18.3%; | Average | loss: | 1.6491 |
| Iteration: | 734; | Percent | complete: | 18.4%; | Average | loss: | 1.9171 |
| Iteration: | 735; | Percent | complete: | 18.4%; | Average | loss: | 1.7193 |
| Iteration: | 736; | Percent | complete: | 18.4%; | Average | loss: | 1.6956 |
| Iteration: | 737; | Percent | complete: | 18.4%; | Average | loss: | 1.6787 |
| Iteration: | 738; | Percent | complete: | 18.4%; | Average | loss: | 1.8300 |
| Iteration: | 739; | Percent | complete: | 18.5%; | Average | loss: | 1.6550 |
| Iteration: | 740; | Percent | complete: | 18.5%; | Average | loss: | 1.6277 |
| Iteration: | 741; | Percent | complete: | 18.5%; | Average | loss: | 1.4684 |
| Iteration: | 742; | Percent | complete: | 18.6%; | Average | loss: | 1.5632 |
| Iteration: | 743; | Percent | complete: | 18.6%; | Average | loss: | 1.7547 |
| Iteration: | 744; | Percent | complete: | 18.6%; | Average | loss: | 1.8697 |
| Iteration: | 745; | Percent | complete: | 18.6%; | Average | loss: | 1.6583 |

|                 |                   |        |               |        |
|-----------------|-------------------|--------|---------------|--------|
| Iteration: 772; | Percent complete: | 19.3%; | Average loss: | 1.7500 |
| Iteration: 773; | Percent complete: | 19.3%; | Average loss: | 1.7117 |
| Iteration: 774; | Percent complete: | 19.4%; | Average loss: | 1.6550 |
| Iteration: 775; | Percent complete: | 19.4%; | Average loss: | 1.5820 |
| Iteration: 776; | Percent complete: | 19.4%; | Average loss: | 1.6847 |
| Iteration: 777; | Percent complete: | 19.4%; | Average loss: | 1.7028 |
| Iteration: 778; | Percent complete: | 19.4%; | Average loss: | 1.8213 |
| Iteration: 779; | Percent complete: | 19.5%; | Average loss: | 1.8389 |
| Iteration: 780; | Percent complete: | 19.5%; | Average loss: | 1.5582 |
| Iteration: 781; | Percent complete: | 19.5%; | Average loss: | 1.7263 |
| Iteration: 782; | Percent complete: | 19.6%; | Average loss: | 1.8070 |
| Iteration: 783; | Percent complete: | 19.6%; | Average loss: | 1.6803 |
| Iteration: 784; | Percent complete: | 19.6%; | Average loss: | 1.7025 |
| Iteration: 785; | Percent complete: | 19.6%; | Average loss: | 1.5897 |
| Iteration: 786; | Percent complete: | 19.7%; | Average loss: | 1.6817 |
| Iteration: 787; | Percent complete: | 19.7%; | Average loss: | 1.5827 |
| Iteration: 788; | Percent complete: | 19.7%; | Average loss: | 1.7343 |
| Iteration: 789; | Percent complete: | 19.7%; | Average loss: | 1.8424 |
| Iteration: 790; | Percent complete: | 19.8%; | Average loss: | 1.4195 |
| Iteration: 791; | Percent complete: | 19.8%; | Average loss: | 1.5716 |
| Iteration: 792; | Percent complete: | 19.8%; | Average loss: | 1.6542 |
| Iteration: 793; | Percent complete: | 19.8%; | Average loss: | 1.8600 |
| Iteration: 794; | Percent complete: | 19.9%; | Average loss: | 1.6952 |
| Iteration: 795; | Percent complete: | 19.9%; | Average loss: | 1.6809 |
| Iteration: 796; | Percent complete: | 19.9%; | Average loss: | 1.7461 |
| Iteration: 797; | Percent complete: | 19.9%; | Average loss: | 1.4929 |
| Iteration: 798; | Percent complete: | 20.0%; | Average loss: | 1.7946 |
| Iteration: 799; | Percent complete: | 20.0%; | Average loss: | 1.5683 |
| Iteration: 800; | Percent complete: | 20.0%; | Average loss: | 1.7213 |
| Iteration: 801; | Percent complete: | 20.0%; | Average loss: | 1.8162 |
| Iteration: 802; | Percent complete: | 20.1%; | Average loss: | 1.6908 |
| Iteration: 803; | Percent complete: | 20.1%; | Average loss: | 1.9255 |
| Iteration: 804; | Percent complete: | 20.1%; | Average loss: | 1.6392 |
| Iteration: 805; | Percent complete: | 20.1%; | Average loss: | 1.8250 |
| Iteration: 806; | Percent complete: | 20.2%; | Average loss: | 1.7934 |
| Iteration: 807; | Percent complete: | 20.2%; | Average loss: | 1.8180 |
| Iteration: 808; | Percent complete: | 20.2%; | Average loss: | 1.7131 |
| Iteration: 809; | Percent complete: | 20.2%; | Average loss: | 1.7305 |
| Iteration: 810; | Percent complete: | 20.2%; | Average loss: | 1.7289 |
| Iteration: 811; | Percent complete: | 20.3%; | Average loss: | 1.9405 |
| Iteration: 812; | Percent complete: | 20.3%; | Average loss: | 1.9549 |
| Iteration: 813; | Percent complete: | 20.3%; | Average loss: | 1.6638 |
| Iteration: 814; | Percent complete: | 20.3%; | Average loss: | 1.7495 |
| Iteration: 815; | Percent complete: | 20.4%; | Average loss: | 1.5966 |
| Iteration: 816; | Percent complete: | 20.4%; | Average loss: | 1.7614 |
| Iteration: 817; | Percent complete: | 20.4%; | Average loss: | 1.7091 |
| Iteration: 818; | Percent complete: | 20.4%; | Average loss: | 1.8561 |
| Iteration: 819; | Percent complete: | 20.5%; | Average loss: | 1.9636 |
| Iteration: 820; | Percent complete: | 20.5%; | Average loss: | 1.9305 |
| Iteration: 821; | Percent complete: | 20.5%; | Average loss: | 1.6865 |
| Iteration: 822; | Percent complete: | 20.5%; | Average loss: | 1.7800 |
| Iteration: 823; | Percent complete: | 20.6%; | Average loss: | 1.9153 |
| Iteration: 824; | Percent complete: | 20.6%; | Average loss: | 1.6085 |
| Iteration: 825; | Percent complete: | 20.6%; | Average loss: | 1.8363 |
| Iteration: 826; | Percent complete: | 20.6%; | Average loss: | 1.7008 |
| Iteration: 827; | Percent complete: | 20.7%; | Average loss: | 1.7796 |
| Iteration: 828; | Percent complete: | 20.7%; | Average loss: | 1.6319 |
| Iteration: 829; | Percent complete: | 20.7%; | Average loss: | 1.7288 |
| Iteration: 830; | Percent complete: | 20.8%; | Average loss: | 1.6810 |
| Iteration: 831; | Percent complete: | 20.8%; | Average loss: | 1.7971 |
| Iteration: 832; | Percent complete: | 20.8%; | Average loss: | 1.7920 |
| Iteration: 833; | Percent complete: | 20.8%; | Average loss: | 1.7929 |
| Iteration: 834; | Percent complete: | 20.8%; | Average loss: | 1.6668 |
| Iteration: 835; | Percent complete: | 20.9%; | Average loss: | 1.6433 |
| Iteration: 836; | Percent complete: | 20.9%; | Average loss: | 1.7961 |
| Iteration: 837; | Percent complete: | 20.9%; | Average loss: | 1.9073 |
| Iteration: 838; | Percent complete: | 20.9%; | Average loss: | 1.6109 |
| Iteration: 839; | Percent complete: | 21.0%; | Average loss: | 1.8057 |
| Iteration: 840; | Percent complete: | 21.0%; | Average loss: | 2.0861 |
| Iteration: 841; | Percent complete: | 21.0%; | Average loss: | 1.7210 |
| Iteration: 842; | Percent complete: | 21.1%; | Average loss: | 1.7718 |
| Iteration: 843; | Percent complete: | 21.1%; | Average loss: | 1.7306 |
| Iteration: 844; | Percent complete: | 21.1%; | Average loss: | 1.7278 |
| Iteration: 845; | Percent complete: | 21.1%; | Average loss: | 1.5917 |
| Iteration: 846; | Percent complete: | 21.1%; | Average loss: | 1.6167 |
| Iteration: 847; | Percent complete: | 21.2%; | Average loss: | 1.6215 |
| Iteration: 848; | Percent complete: | 21.2%; | Average loss: | 1.7754 |
| Iteration: 849; | Percent complete: | 21.2%; | Average loss: | 1.5531 |
| Iteration: 850; | Percent complete: | 21.2%; | Average loss: | 1.6718 |
| Iteration: 851; | Percent complete: | 21.3%; | Average loss: | 1.6094 |
| Iteration: 852; | Percent complete: | 21.3%; | Average loss: | 1.6624 |
| Iteration: 853; | Percent complete: | 21.3%; | Average loss: | 1.839  |

|            |      |                   |        |               |        |
|------------|------|-------------------|--------|---------------|--------|
| Iteration: | 863; | Percent complete: | 21.6%; | Average loss: | 1.6480 |
| Iteration: | 864; | Percent complete: | 21.6%; | Average loss: | 1.8034 |
| Iteration: | 865; | Percent complete: | 21.6%; | Average loss: | 1.6506 |
| Iteration: | 866; | Percent complete: | 21.6%; | Average loss: | 1.7668 |
| Iteration: | 867; | Percent complete: | 21.7%; | Average loss: | 1.6525 |
| Iteration: | 868; | Percent complete: | 21.7%; | Average loss: | 1.7076 |
| Iteration: | 869; | Percent complete: | 21.7%; | Average loss: | 1.8817 |
| Iteration: | 870; | Percent complete: | 21.8%; | Average loss: | 1.6526 |
| Iteration: | 871; | Percent complete: | 21.8%; | Average loss: | 1.6936 |
| Iteration: | 872; | Percent complete: | 21.8%; | Average loss: | 1.9759 |
| Iteration: | 873; | Percent complete: | 21.8%; | Average loss: | 2.0364 |
| Iteration: | 874; | Percent complete: | 21.9%; | Average loss: | 1.9605 |
| Iteration: | 875; | Percent complete: | 21.9%; | Average loss: | 1.6931 |
| Iteration: | 876; | Percent complete: | 21.9%; | Average loss: | 1.6322 |
| Iteration: | 877; | Percent complete: | 21.9%; | Average loss: | 1.8457 |
| Iteration: | 878; | Percent complete: | 21.9%; | Average loss: | 1.7330 |
| Iteration: | 879; | Percent complete: | 22.0%; | Average loss: | 1.8610 |
| Iteration: | 880; | Percent complete: | 22.0%; | Average loss: | 1.6604 |
| Iteration: | 881; | Percent complete: | 22.0%; | Average loss: | 1.7188 |
| Iteration: | 882; | Percent complete: | 22.1%; | Average loss: | 1.6448 |
| Iteration: | 883; | Percent complete: | 22.1%; | Average loss: | 1.7667 |
| Iteration: | 884; | Percent complete: | 22.1%; | Average loss: | 1.8605 |
| Iteration: | 885; | Percent complete: | 22.1%; | Average loss: | 1.5383 |
| Iteration: | 886; | Percent complete: | 22.1%; | Average loss: | 1.6724 |
| Iteration: | 887; | Percent complete: | 22.2%; | Average loss: | 1.9814 |
| Iteration: | 888; | Percent complete: | 22.2%; | Average loss: | 1.8111 |
| Iteration: | 889; | Percent complete: | 22.2%; | Average loss: | 1.7358 |
| Iteration: | 890; | Percent complete: | 22.2%; | Average loss: | 1.7643 |
| Iteration: | 891; | Percent complete: | 22.3%; | Average loss: | 1.7709 |
| Iteration: | 892; | Percent complete: | 22.3%; | Average loss: | 1.5597 |
| Iteration: | 893; | Percent complete: | 22.3%; | Average loss: | 1.8063 |
| Iteration: | 894; | Percent complete: | 22.4%; | Average loss: | 1.6418 |
| Iteration: | 895; | Percent complete: | 22.4%; | Average loss: | 1.8405 |
| Iteration: | 896; | Percent complete: | 22.4%; | Average loss: | 1.6269 |
| Iteration: | 897; | Percent complete: | 22.4%; | Average loss: | 1.8063 |
| Iteration: | 898; | Percent complete: | 22.4%; | Average loss: | 1.6494 |
| Iteration: | 899; | Percent complete: | 22.5%; | Average loss: | 1.5525 |
| Iteration: | 900; | Percent complete: | 22.5%; | Average loss: | 1.8294 |
| Iteration: | 901; | Percent complete: | 22.5%; | Average loss: | 1.7017 |
| Iteration: | 902; | Percent complete: | 22.6%; | Average loss: | 1.8038 |
| Iteration: | 903; | Percent complete: | 22.6%; | Average loss: | 1.7462 |
| Iteration: | 904; | Percent complete: | 22.6%; | Average loss: | 1.5392 |
| Iteration: | 905; | Percent complete: | 22.6%; | Average loss: | 1.7198 |
| Iteration: | 906; | Percent complete: | 22.7%; | Average loss: | 1.7639 |
| Iteration: | 907; | Percent complete: | 22.7%; | Average loss: | 1.7877 |
| Iteration: | 908; | Percent complete: | 22.7%; | Average loss: | 1.5468 |
| Iteration: | 909; | Percent complete: | 22.7%; | Average loss: | 1.6447 |
| Iteration: | 910; | Percent complete: | 22.8%; | Average loss: | 1.7059 |
| Iteration: | 911; | Percent complete: | 22.8%; | Average loss: | 1.8501 |
| Iteration: | 912; | Percent complete: | 22.8%; | Average loss: | 1.8873 |
| Iteration: | 913; | Percent complete: | 22.8%; | Average loss: | 1.7553 |
| Iteration: | 914; | Percent complete: | 22.9%; | Average loss: | 1.6676 |
| Iteration: | 915; | Percent complete: | 22.9%; | Average loss: | 1.7552 |
| Iteration: | 916; | Percent complete: | 22.9%; | Average loss: | 1.6918 |
| Iteration: | 917; | Percent complete: | 22.9%; | Average loss: | 1.7452 |
| Iteration: | 918; | Percent complete: | 22.9%; | Average loss: | 1.7661 |
| Iteration: | 919; | Percent complete: | 23.0%; | Average loss: | 1.7415 |
| Iteration: | 920; | Percent complete: | 23.0%; | Average loss: | 1.6003 |
| Iteration: | 921; | Percent complete: | 23.0%; | Average loss: | 1.6490 |
| Iteration: | 922; | Percent complete: | 23.1%; | Average loss: | 1.7331 |
| Iteration: | 923; | Percent complete: | 23.1%; | Average loss: | 1.9715 |
| Iteration: | 924; | Percent complete: | 23.1%; | Average loss: | 1.8458 |
| Iteration: | 925; | Percent complete: | 23.1%; | Average loss: | 1.8256 |
| Iteration: | 926; | Percent complete: | 23.2%; | Average loss: | 1.7883 |
| Iteration: | 927; | Percent complete: | 23.2%; | Average loss: | 1.7690 |
| Iteration: | 928; | Percent complete: | 23.2%; | Average loss: | 1.7555 |
| Iteration: | 929; | Percent complete: | 23.2%; | Average loss: | 1.5436 |
| Iteration: | 930; | Percent complete: | 23.2%; | Average loss: | 1.7023 |
| Iteration: | 931; | Percent complete: | 23.3%; | Average loss: | 1.6812 |
| Iteration: | 932; | Percent complete: | 23.3%; | Average loss: | 1.7376 |
| Iteration: | 933; | Percent complete: | 23.3%; | Average loss: | 1.8150 |
| Iteration: | 934; | Percent complete: | 23.4%; | Average loss: | 1.5989 |
| Iteration: | 935; | Percent complete: | 23.4%; | Average loss: | 1.8243 |
| Iteration: | 936; | Percent complete: | 23.4%; | Average loss: | 1.7117 |
| Iteration: | 937; | Percent complete: | 23.4%; | Average loss: | 1.9316 |
| Iteration: | 938; | Percent complete: | 23.4%; | Average loss: | 1.5461 |
| Iteration: | 939; | Percent complete: | 23.5%; | Average loss: | 1.6048 |
| Iteration: | 940  |                   |        |               |        |

Iteration: 954; Percent complete: 23.8%; Average loss: 1.9118  
Iteration: 955; Percent complete: 23.9%; Average loss: 1.7104  
Iteration: 956; Percent complete: 23.9%; Average loss: 1.7762  
Iteration: 957; Percent complete: 23.9%; Average loss: 1.7765  
Iteration: 958; Percent complete: 23.9%; Average loss: 1.5799  
Iteration: 959; Percent complete: 24.0%; Average loss: 1.6926  
Iteration: 960; Percent complete: 24.0%; Average loss: 1.7388  
Iteration: 961; Percent complete: 24.0%; Average loss: 1.8125  
Iteration: 962; Percent complete: 24.1%; Average loss: 1.6458  
Iteration: 963; Percent complete: 24.1%; Average loss: 1.6804  
Iteration: 964; Percent complete: 24.1%; Average loss: 1.7615  
Iteration: 965; Percent complete: 24.1%; Average loss: 1.7900  
Iteration: 966; Percent complete: 24.1%; Average loss: 1.9955  
Iteration: 967; Percent complete: 24.2%; Average loss: 1.6190  
Iteration: 968; Percent complete: 24.2%; Average loss: 1.8517  
Iteration: 969; Percent complete: 24.2%; Average loss: 1.7191  
Iteration: 970; Percent complete: 24.2%; Average loss: 1.6165  
Iteration: 971; Percent complete: 24.3%; Average loss: 1.9032  
Iteration: 972; Percent complete: 24.3%; Average loss: 1.8130  
Iteration: 973; Percent complete: 24.3%; Average loss: 1.7323  
Iteration: 974; Percent complete: 24.3%; Average loss: 1.8628  
Iteration: 975; Percent complete: 24.4%; Average loss: 1.5888  
Iteration: 976; Percent complete: 24.4%; Average loss: 1.6932  
Iteration: 977; Percent complete: 24.4%; Average loss: 1.7101  
Iteration: 978; Percent complete: 24.4%; Average loss: 1.8908  
Iteration: 979; Percent complete: 24.5%; Average loss: 1.5460  
Iteration: 980; Percent complete: 24.5%; Average loss: 1.8296  
Iteration: 981; Percent complete: 24.5%; Average loss: 1.7835  
Iteration: 982; Percent complete: 24.6%; Average loss: 1.7416  
Iteration: 983; Percent complete: 24.6%; Average loss: 1.6496  
Iteration: 984; Percent complete: 24.6%; Average loss: 1.9017  
Iteration: 985; Percent complete: 24.6%; Average loss: 1.8957  
Iteration: 986; Percent complete: 24.6%; Average loss: 1.6279  
Iteration: 987; Percent complete: 24.7%; Average loss: 1.6535  
Iteration: 988; Percent complete: 24.7%; Average loss: 1.7041  
Iteration: 989; Percent complete: 24.7%; Average loss: 1.8301  
Iteration: 990; Percent complete: 24.8%; Average loss: 1.8838  
Iteration: 991; Percent complete: 24.8%; Average loss: 1.8366  
Iteration: 992; Percent complete: 24.8%; Average loss: 1.9064  
Iteration: 993; Percent complete: 24.8%; Average loss: 1.5960  
Iteration: 994; Percent complete: 24.9%; Average loss: 1.7944  
Iteration: 995; Percent complete: 24.9%; Average loss: 1.6989  
Iteration: 996; Percent complete: 24.9%; Average loss: 1.6690  
Iteration: 997; Percent complete: 24.9%; Average loss: 1.6667  
Iteration: 998; Percent complete: 24.9%; Average loss: 1.9146  
Iteration: 999; Percent complete: 25.0%; Average loss: 1.9495  
Iteration: 1000; Percent complete: 25.0%; Average loss: 1.5311  
Iteration: 1001; Percent complete: 25.0%; Average loss: 1.7219  
Iteration: 1002; Percent complete: 25.1%; Average loss: 1.7429  
Iteration: 1003; Percent complete: 25.1%; Average loss: 1.6564  
Iteration: 1004; Percent complete: 25.1%; Average loss: 1.6844  
Iteration: 1005; Percent complete: 25.1%; Average loss: 1.8651  
Iteration: 1006; Percent complete: 25.1%; Average loss: 1.8602  
Iteration: 1007; Percent complete: 25.2%; Average loss: 1.8036  
Iteration: 1008; Percent complete: 25.2%; Average loss: 1.7175  
Iteration: 1009; Percent complete: 25.2%; Average loss: 1.5918  
Iteration: 1010; Percent complete: 25.2%; Average loss: 2.0775  
Iteration: 1011; Percent complete: 25.3%; Average loss: 1.8941  
Iteration: 1012; Percent complete: 25.3%; Average loss: 1.8451  
Iteration: 1013; Percent complete: 25.3%; Average loss: 1.9417  
Iteration: 1014; Percent complete: 25.4%; Average loss: 1.7442  
Iteration: 1015; Percent complete: 25.4%; Average loss: 1.5526  
Iteration: 1016; Percent complete: 25.4%; Average loss: 1.6468  
Iteration: 1017; Percent complete: 25.4%; Average loss: 1.6381  
Iteration: 1018; Percent complete: 25.4%; Average loss: 1.6931  
Iteration: 1019; Percent complete: 25.5%; Average loss: 1.9080  
Iteration: 1020; Percent complete: 25.5%; Average loss: 1.6123  
Iteration: 1021; Percent complete: 25.5%; Average loss: 1.7290  
Iteration: 1022; Percent complete: 25.6%; Average loss: 1.7736  
Iteration: 1023; Percent complete: 25.6%; Average loss: 2.0581  
Iteration: 1024; Percent complete: 25.6%; Average loss: 1.6310  
Iteration: 1025; Percent complete: 25.6%; Average loss: 1.9619  
Iteration: 1026; Percent complete: 25.7%; Average loss: 2.0212  
Iteration: 1027; Percent complete: 25.7%; Average loss: 1.7800  
Iteration: 1028; Percent complete: 25.7%; Average loss: 1.8868  
Iteration: 1029; Percent complete: 25.7%; Average loss: 1.6935  
Iteration: 1030; Percent complete: 25.8%; Average loss: 1.4561  
Iteration: 1031; Percent complete: 25.8%; Average loss: 1.7286  
Iteration: 1032; Percent complete: 25.8%; Average loss: 1.8298  
Iteration: 1033; Percent complete: 25.8%; Average loss: 1.5280  
Iteration: 1034; Percent complete: 25.9%; Average loss: 1.7062  
Iteration: 1035; Percent complete: 25.9%; Average loss: 1.9463  
Iteration: 1036; Percent complete: 25.9%; Average loss: 1.8328  
Iteration: 1037; Percent complete: 25.9%; Average loss: 1.7135  
Iteration: 1038; Percent complete: 25.9%; Average loss: 1.7935  
Iteration: 1039; Percent complete: 26.0%; Average loss: 1.6681  
Iteration: 1040; Percent complete: 26.0%; Average loss: 1.7440  
Iteration: 1041; Percent complete: 26.0%; Average loss: 1.8584  
Iteration: 1042; Percent complete: 26.1%; Average loss: 1.7121  
Iteration: 1043; Percent complete: 26.1%; Average loss: 1.5659  
Iteration: 1044; Percent complete: 26.1%; Average loss: 1.6020  
Iteration: 1045; Percent complete: 26.1%; Average loss: 1.7736





|            |       |         |           |        |         |       |        |
|------------|-------|---------|-----------|--------|---------|-------|--------|
| Iteration: | 1137; | Percent | complete: | 28.4%; | Average | loss: | 1.7473 |
| Iteration: | 1138; | Percent | complete: | 28.4%; | Average | loss: | 1.6362 |
| Iteration: | 1139; | Percent | complete: | 28.5%; | Average | loss: | 1.6387 |
| Iteration: | 1140; | Percent | complete: | 28.5%; | Average | loss: | 1.8114 |
| Iteration: | 1141; | Percent | complete: | 28.5%; | Average | loss: | 1.8268 |
| Iteration: | 1142; | Percent | complete: | 28.5%; | Average | loss: | 1.9677 |
| Iteration: | 1143; | Percent | complete: | 28.6%; | Average | loss: | 2.0477 |
| Iteration: | 1144; | Percent | complete: | 28.6%; | Average | loss: | 1.7445 |
| Iteration: | 1145; | Percent | complete: | 28.6%; | Average | loss: | 1.6539 |
| Iteration: | 1146; | Percent | complete: | 28.6%; | Average | loss: | 1.9084 |
| Iteration: | 1147; | Percent | complete: | 28.7%; | Average | loss: | 1.6267 |
| Iteration: | 1148; | Percent | complete: | 28.7%; | Average | loss: | 1.5797 |
| Iteration: | 1149; | Percent | complete: | 28.7%; | Average | loss: | 1.5398 |
| Iteration: | 1150; | Percent | complete: | 28.7%; | Average | loss: | 1.8863 |
| Iteration: | 1151; | Percent | complete: | 28.8%; | Average | loss: | 1.6393 |
| Iteration: | 1152; | Percent | complete: | 28.8%; | Average | loss: | 1.6853 |
| Iteration: | 1153; | Percent | complete: | 28.8%; | Average | loss: | 1.5737 |
| Iteration: | 1154; | Percent | complete: | 28.8%; | Average | loss: | 1.8688 |
| Iteration: | 1155; | Percent | complete: | 28.9%; | Average | loss: | 1.6470 |
| Iteration: | 1156; | Percent | complete: | 28.9%; | Average | loss: | 1.6233 |
| Iteration: | 1157; | Percent | complete: | 28.9%; | Average | loss: | 1.7714 |
| Iteration: | 1158; | Percent | complete: | 28.9%; | Average | loss: | 1.7155 |
| Iteration: | 1159; | Percent | complete: | 29.0%; | Average | loss: | 1.5605 |
| Iteration: | 1160; | Percent | complete: | 29.0%; | Average | loss: | 1.7083 |
| Iteration: | 1161; | Percent | complete: | 29.0%; | Average | loss: | 1.9162 |
| Iteration: | 1162; | Percent | complete: | 29.0%; | Average | loss: | 1.8286 |
| Iteration: | 1163; | Percent | complete: | 29.1%; | Average | loss: | 1.9494 |
| Iteration: | 1164; | Percent | complete: | 29.1%; | Average | loss: | 1.7462 |
| Iteration: | 1165; | Percent | complete: | 29.1%; | Average | loss: | 1.7100 |
| Iteration: | 1166; | Percent | complete: | 29.1%; | Average | loss: | 1.9122 |
| Iteration: | 1167; | Percent | complete: | 29.2%; | Average | loss: | 1.9325 |
| Iteration: | 1168; | Percent | complete: | 29.2%; | Average | loss: | 1.6734 |
| Iteration: | 1169; | Percent | complete: | 29.2%; | Average | loss: | 1.7987 |
| Iteration: | 1170; | Percent | complete: | 29.2%; | Average | loss: | 1.6359 |
| Iteration: | 1171; | Percent | complete: | 29.3%; | Average | loss: | 1.5797 |
| Iteration: | 1172; | Percent | complete: | 29.3%; | Average | loss: | 1.8492 |
| Iteration: | 1173; | Percent | complete: | 29.3%; | Average | loss: | 1.7063 |
| Iteration: | 1174; | Percent | complete: | 29.3%; | Average | loss: | 1.4444 |
| Iteration: | 1175; | Percent | complete: | 29.4%; | Average | loss: | 1.7834 |
| Iteration: | 1176; | Percent | complete: | 29.4%; | Average | loss: | 1.7693 |
| Iteration: | 1177; | Percent | complete: | 29.4%; | Average | loss: | 1.9126 |
| Iteration: | 1178; | Percent | complete: | 29.4%; | Average | loss: | 1.7959 |
| Iteration: | 1179; | Percent | complete: | 29.5%; | Average | loss: | 1.5244 |
| Iteration: | 1180; | Percent | complete: | 29.5%; | Average | loss: | 1.7029 |
| Iteration: | 1181; | Percent | complete: | 29.5%; | Average | loss: | 1.7128 |
| Iteration: | 1182; | Percent | complete: | 29.5%; | Average | loss: | 1.5566 |
| Iteration: | 1183; | Percent | complete: | 29.6%; | Average | loss: | 1.8043 |
| Iteration: | 1184; | Percent | complete: | 29.6%; | Average | loss: | 1.7184 |
| Iteration: | 1185; | Percent | complete: | 29.6%; | Average | loss: | 1.6219 |
| Iteration: | 1186; | Percent | complete: | 29.6%; | Average | loss: | 1.6683 |
| Iteration: | 1187; | Percent | complete: | 29.7%; | Average | loss: | 1.6758 |
| Iteration: | 1188; | Percent | complete: | 29.7%; | Average | loss: | 1.6405 |
| Iteration: | 1189; | Percent | complete: | 29.7%; | Average | loss: | 1.6347 |
| Iteration: | 1190; | Percent | complete: | 29.8%; | Average | loss: | 1.7954 |
| Iteration: | 1191; | Percent | complete: | 29.8%; | Average | loss: | 1.6857 |
| Iteration: | 1192; | Percent | complete: | 29.8%; | Average | loss: | 1.7456 |
| Iteration: | 1193; | Percent | complete: | 29.8%; | Average | loss: | 1.5923 |
| Iteration: | 1194; | Percent | complete: | 29.8%; | Average | loss: | 1.7893 |
| Iteration: | 1195; | Percent | complete: | 29.9%; | Average | loss: | 1.7340 |
| Iteration: | 1196; | Percent | complete: | 29.9%; | Average | loss: | 1.6018 |
| Iteration: | 1197; | Percent | complete: | 29.9%; | Average | loss: | 1.6553 |
| Iteration: | 1198; | Percent | complete: | 29.9%; | Average | loss: | 1.7523 |
| Iteration: | 1199; | Percent | complete: | 30.0%; | Average | loss: | 1.7893 |
| Iteration: | 1200; | Percent | complete: | 30.0%; | Average | loss: | 1.8744 |



|                  |                   |        |               |        |
|------------------|-------------------|--------|---------------|--------|
| Iteration: 1319; | Percent complete: | 33.0%; | Average loss: | 1.7836 |
| Iteration: 1320; | Percent complete: | 33.0%; | Average loss: | 1.6783 |
| Iteration: 1321; | Percent complete: | 33.0%; | Average loss: | 1.7968 |
| Iteration: 1322; | Percent complete: | 33.1%; | Average loss: | 1.4163 |
| Iteration: 1323; | Percent complete: | 33.1%; | Average loss: | 1.6369 |
| Iteration: 1324; | Percent complete: | 33.1%; | Average loss: | 1.5948 |
| Iteration: 1325; | Percent complete: | 33.1%; | Average loss: | 1.7886 |
| Iteration: 1326; | Percent complete: | 33.1%; | Average loss: | 1.6926 |
| Iteration: 1327; | Percent complete: | 33.2%; | Average loss: | 1.6476 |
| Iteration: 1328; | Percent complete: | 33.2%; | Average loss: | 1.6636 |
| Iteration: 1329; | Percent complete: | 33.2%; | Average loss: | 1.8116 |
| Iteration: 1330; | Percent complete: | 33.2%; | Average loss: | 1.8899 |
| Iteration: 1331; | Percent complete: | 33.3%; | Average loss: | 1.7169 |
| Iteration: 1332; | Percent complete: | 33.3%; | Average loss: | 1.8206 |
| Iteration: 1333; | Percent complete: | 33.3%; | Average loss: | 1.7494 |
| Iteration: 1334; | Percent complete: | 33.4%; | Average loss: | 1.7325 |
| Iteration: 1335; | Percent complete: | 33.4%; | Average loss: | 1.6732 |
| Iteration: 1336; | Percent complete: | 33.4%; | Average loss: | 1.5709 |
| Iteration: 1337; | Percent complete: | 33.4%; | Average loss: | 1.4693 |
| Iteration: 1338; | Percent complete: | 33.5%; | Average loss: | 1.9879 |
| Iteration: 1339; | Percent complete: | 33.5%; | Average loss: | 1.7515 |
| Iteration: 1340; | Percent complete: | 33.5%; | Average loss: | 1.7018 |
| Iteration: 1341; | Percent complete: | 33.5%; | Average loss: | 1.7769 |
| Iteration: 1342; | Percent complete: | 33.6%; | Average loss: | 1.8793 |
| Iteration: 1343; | Percent complete: | 33.6%; | Average loss: | 1.9835 |
| Iteration: 1344; | Percent complete: | 33.6%; | Average loss: | 1.9835 |
| Iteration: 1345; | Percent complete: | 33.6%; | Average loss: | 1.6902 |
| Iteration: 1346; | Percent complete: | 33.7%; | Average loss: | 1.8223 |
| Iteration: 1347; | Percent complete: | 33.7%; | Average loss: | 1.7203 |
| Iteration: 1348; | Percent complete: | 33.7%; | Average loss: | 1.9415 |
| Iteration: 1349; | Percent complete: | 33.7%; | Average loss: | 1.7946 |
| Iteration: 1350; | Percent complete: | 33.8%; | Average loss: | 1.7107 |
| Iteration: 1351; | Percent complete: | 33.8%; | Average loss: | 1.5983 |
| Iteration: 1352; | Percent complete: | 33.8%; | Average loss: | 1.9183 |
| Iteration: 1353; | Percent complete: | 33.8%; | Average loss: | 1.9402 |
| Iteration: 1354; | Percent complete: | 33.9%; | Average loss: | 1.6826 |
| Iteration: 1355; | Percent complete: | 33.9%; | Average loss: | 1.7447 |
| Iteration: 1356; | Percent complete: | 33.9%; | Average loss: | 1.6798 |
| Iteration: 1357; | Percent complete: | 33.9%; | Average loss: | 1.5318 |
| Iteration: 1358; | Percent complete: | 34.0%; | Average loss: | 1.6249 |
| Iteration: 1359; | Percent complete: | 34.0%; | Average loss: | 1.6307 |
| Iteration: 1360; | Percent complete: | 34.0%; | Average loss: | 1.7628 |
| Iteration: 1361; | Percent complete: | 34.0%; | Average loss: | 1.7005 |
| Iteration: 1362; | Percent complete: | 34.1%; | Average loss: | 1.6715 |
| Iteration: 1363; | Percent complete: | 34.1%; | Average loss: | 1.6707 |
| Iteration: 1364; | Percent complete: | 34.1%; | Average loss: | 1.9306 |
| Iteration: 1365; | Percent complete: | 34.1%; | Average loss: | 1.6939 |
| Iteration: 1366; | Percent complete: | 34.2%; | Average loss: | 1.4783 |
| Iteration: 1367; | Percent complete: | 34.2%; | Average loss: | 1.7633 |
| Iteration: 1368; | Percent complete: | 34.2%; | Average loss: | 1.6327 |
| Iteration: 1369; | Percent complete: | 34.2%; | Average loss: | 1.7508 |
| Iteration: 1370; | Percent complete: | 34.2%; | Average loss: | 1.6433 |
| Iteration: 1371; | Percent complete: | 34.3%; | Average loss: | 1.6483 |
| Iteration: 1372; | Percent complete: | 34.3%; | Average loss: | 1.5298 |
| Iteration: 1373; | Percent complete: | 34.3%; | Average loss: | 1.8536 |
| Iteration: 1374; | Percent complete: | 34.4%; | Average loss: | 1.8334 |
| Iteration: 1375; | Percent complete: | 34.4%; | Average loss: | 1.8543 |
| Iteration: 1376; | Percent complete: | 34.4%; | Average loss: | 1.5266 |
| Iteration: 1377; | Percent complete: | 34.4%; | Average loss: | 1.6867 |
| Iteration: 1378; | Percent complete: | 34.4%; | Average loss: | 1.7013 |
| Iteration: 1379; | Percent complete: | 34.5%; | Average loss: | 1.7489 |
| Iteration: 1380; | Percent complete: | 34.5%; | Average loss: | 1.7863 |
| Iteration: 1381; | Percent complete: | 34.5%; | Average loss: | 1.7052 |
| Iteration: 1382; | Percent complete: | 34.5%; | Average loss: | 1.8233 |
| Iteration: 1383; | Percent complete: | 34.6%; | Average loss: | 1.5512 |
| Iteration: 1384; | Percent complete: | 34.6%; | Average loss: | 1.6912 |
| Iteration: 1385; | Percent complete: | 34.6%; | Average loss: | 1.6097 |
| Iteration: 1386; | Percent complete: | 34.6%; | Average loss: | 1.8243 |
| Iteration: 1387; | Percent complete: | 34.7%; | Average loss: | 1.6629 |
| Iteration: 1388; | Percent complete: | 34.7%; | Average loss: | 1.8225 |
| Iteration: 1389; | Percent complete: | 34.7%; | Average loss: | 1.8882 |
| Iteration: 1390; | Percent complete: | 34.8%; | Average loss: | 1.6319 |
| Iteration: 1391; | Percent complete: | 34.8%; | Average loss: | 1.5096 |
| Iteration: 1392; | Percent complete: | 34.8%; | Average loss: | 1.5796 |
| Iteration: 1393; | Percent complete: | 34.8%; | Average loss: | 1.9896 |
| Iteration: 1394; | Percent complete: | 34.8%; | Average loss: | 1.7249 |
| Iteration: 1395; | Percent complete: | 34.9%; | Average loss: | 1.5336 |
| Iteration: 1396; | Percent complete: | 34.9%; | Average loss: | 1.7495 |
| Iteration: 1397; | Percent complete: | 34.9%; | Average loss: | 1.5864 |
| Iteration: 1398; | Percent complete: | 34.9%; | Average loss: | 1.6652 |
| Iteration: 1399; |                   |        |               |        |

Iteration: 1411; Percent complete: 35.3%; Average loss: 1.6788  
Iteration: 1412; Percent complete: 35.3%; Average loss: 1.8419  
Iteration: 1413; Percent complete: 35.3%; Average loss: 1.9872  
Iteration: 1414; Percent complete: 35.4%; Average loss: 1.7540  
Iteration: 1415; Percent complete: 35.4%; Average loss: 1.7750  
Iteration: 1416; Percent complete: 35.4%; Average loss: 2.0545  
Iteration: 1417; Percent complete: 35.4%; Average loss: 1.5007  
Iteration: 1418; Percent complete: 35.4%; Average loss: 1.5532  
Iteration: 1419; Percent complete: 35.5%; Average loss: 1.7516  
Iteration: 1420; Percent complete: 35.5%; Average loss: 1.9297  
Iteration: 1421; Percent complete: 35.5%; Average loss: 1.6114  
Iteration: 1422; Percent complete: 35.5%; Average loss: 1.5617  
Iteration: 1423; Percent complete: 35.6%; Average loss: 1.6194  
Iteration: 1424; Percent complete: 35.6%; Average loss: 1.8181  
Iteration: 1425; Percent complete: 35.6%; Average loss: 1.8065  
Iteration: 1426; Percent complete: 35.6%; Average loss: 1.7835  
Iteration: 1427; Percent complete: 35.7%; Average loss: 1.5034  
Iteration: 1428; Percent complete: 35.7%; Average loss: 1.6197  
Iteration: 1429; Percent complete: 35.7%; Average loss: 1.5889  
Iteration: 1430; Percent complete: 35.8%; Average loss: 1.8774  
Iteration: 1431; Percent complete: 35.8%; Average loss: 1.8660  
Iteration: 1432; Percent complete: 35.8%; Average loss: 1.6209  
Iteration: 1433; Percent complete: 35.8%; Average loss: 1.7952  
Iteration: 1434; Percent complete: 35.9%; Average loss: 1.7303  
Iteration: 1435; Percent complete: 35.9%; Average loss: 1.9036  
Iteration: 1436; Percent complete: 35.9%; Average loss: 1.8706  
Iteration: 1437; Percent complete: 35.9%; Average loss: 1.6164  
Iteration: 1438; Percent complete: 35.9%; Average loss: 1.6516  
Iteration: 1439; Percent complete: 36.0%; Average loss: 1.7375  
Iteration: 1440; Percent complete: 36.0%; Average loss: 1.6545  
Iteration: 1441; Percent complete: 36.0%; Average loss: 1.5797  
Iteration: 1442; Percent complete: 36.0%; Average loss: 1.8309  
Iteration: 1443; Percent complete: 36.1%; Average loss: 1.4967  
Iteration: 1444; Percent complete: 36.1%; Average loss: 1.5096  
Iteration: 1445; Percent complete: 36.1%; Average loss: 1.3960  
Iteration: 1446; Percent complete: 36.1%; Average loss: 1.4579  
Iteration: 1447; Percent complete: 36.2%; Average loss: 1.8012  
Iteration: 1448; Percent complete: 36.2%; Average loss: 1.6827  
Iteration: 1449; Percent complete: 36.2%; Average loss: 1.7327  
Iteration: 1450; Percent complete: 36.2%; Average loss: 1.4910  
Iteration: 1451; Percent complete: 36.3%; Average loss: 1.5956  
Iteration: 1452; Percent complete: 36.3%; Average loss: 1.7242  
Iteration: 1453; Percent complete: 36.3%; Average loss: 1.7866  
Iteration: 1454; Percent complete: 36.4%; Average loss: 1.4632  
Iteration: 1455; Percent complete: 36.4%; Average loss: 1.6645  
Iteration: 1456; Percent complete: 36.4%; Average loss: 1.7949  
Iteration: 1457; Percent complete: 36.4%; Average loss: 1.7562  
Iteration: 1458; Percent complete: 36.4%; Average loss: 1.8369  
Iteration: 1459; Percent complete: 36.5%; Average loss: 1.6581  
Iteration: 1460; Percent complete: 36.5%; Average loss: 1.7228  
Iteration: 1461; Percent complete: 36.5%; Average loss: 1.6685  
Iteration: 1462; Percent complete: 36.5%; Average loss: 1.7807  
Iteration: 1463; Percent complete: 36.6%; Average loss: 1.9298  
Iteration: 1464; Percent complete: 36.6%; Average loss: 1.6176  
Iteration: 1465; Percent complete: 36.6%; Average loss: 1.5665  
Iteration: 1466; Percent complete: 36.6%; Average loss: 1.7991  
Iteration: 1467; Percent complete: 36.7%; Average loss: 1.7531  
Iteration: 1468; Percent complete: 36.7%; Average loss: 1.8980  
Iteration: 1469; Percent complete: 36.7%; Average loss: 1.7951  
Iteration: 1470; Percent complete: 36.8%; Average loss: 1.6468  
Iteration: 1471; Percent complete: 36.8%; Average loss: 1.7657  
Iteration: 1472; Percent complete: 36.8%; Average loss: 1.8747  
Iteration: 1473; Percent complete: 36.8%; Average loss: 1.7781  
Iteration: 1474; Percent complete: 36.9%; Average loss: 1.6686  
Iteration: 1475; Percent complete: 36.9%; Average loss: 1.8713  
Iteration: 1476; Percent complete: 36.9%; Average loss: 1.7821  
Iteration: 1477; Percent complete: 36.9%; Average loss: 1.4942  
Iteration: 1478; Percent complete: 37.0%; Average loss: 1.6235  
Iteration: 1479; Percent complete: 37.0%; Average loss: 1.7798  
Iteration: 1480; Percent complete: 37.0%; Average loss: 1.5611  
Iteration: 1481; Percent complete: 37.0%; Average loss: 1.7420  
Iteration: 1482; Percent complete: 37.0%; Average loss: 1.6287  
Iteration: 1483; Percent complete: 37.1%; Average loss: 1.7070  
Iteration: 1484; Percent complete: 37.1%; Average loss: 1.8176  
Iteration: 1485; Percent complete: 37.1%; Average loss: 1.5409  
Iteration: 1486; Percent complete: 37.1%; Average loss: 1.8759  
Iteration: 1487; Percent complete: 37.2%; Average loss: 1.7850  
Iteration: 1488; Percent complete: 37.2%; Average loss: 1.7400  
Iteration: 1489; Percent complete: 37.2%; Average loss: 1.8198  
Iteration: 1490; Percent complete: 37.2%; Average loss: 1.5398  
Iteration: 1491; Percent complete: 37.3%; Average loss: 1.7751  
Iteration: 1492; Percent complete: 37.3%; Average loss: 1.6833  
Iteration: 1493; Percent complete: 37.3%; Average loss: 1.7496  
Iteration: 1494; Percent complete: 37.4%; Average loss: 1.6265  
Iteration: 1495; Percent complete: 37.4%; Average loss: 1.6791  
Iteration: 1496; Percent complete: 37.4%; Average loss: 1.6046  
Iteration: 1497; Percent complete: 37.4%; Average loss: 1.7845  
Iteration: 1498; Percent complete: 37.5%; Average loss: 1.6487  
Iteration: 1499; Percent complete: 37.5%; Average loss: 1.9612  
Iteration: 1500; Percent complete: 37.5%; Average loss: 1.7585  
Iteration: 1501; Percent complete: 37.5%; Average loss: 1.7622



|            |       |                   |        |               |        |
|------------|-------|-------------------|--------|---------------|--------|
| Iteration: | 1593; | Percent complete: | 39.8%; | Average loss: | 1.7151 |
| Iteration: | 1594; | Percent complete: | 39.9%; | Average loss: | 1.7078 |
| Iteration: | 1595; | Percent complete: | 39.9%; | Average loss: | 1.7093 |
| Iteration: | 1596; | Percent complete: | 39.9%; | Average loss: | 1.7527 |
| Iteration: | 1597; | Percent complete: | 39.9%; | Average loss: | 1.6053 |
| Iteration: | 1598; | Percent complete: | 40.0%; | Average loss: | 1.7785 |
| Iteration: | 1599; | Percent complete: | 40.0%; | Average loss: | 1.7984 |
| Iteration: | 1600; | Percent complete: | 40.0%; | Average loss: | 1.8316 |
| Iteration: | 1601; | Percent complete: | 40.0%; | Average loss: | 1.8877 |
| Iteration: | 1602; | Percent complete: | 40.1%; | Average loss: | 1.7235 |
| Iteration: | 1603; | Percent complete: | 40.1%; | Average loss: | 1.6905 |
| Iteration: | 1604; | Percent complete: | 40.1%; | Average loss: | 1.4824 |
| Iteration: | 1605; | Percent complete: | 40.1%; | Average loss: | 1.4917 |
| Iteration: | 1606; | Percent complete: | 40.2%; | Average loss: | 1.8109 |
| Iteration: | 1607; | Percent complete: | 40.2%; | Average loss: | 1.4682 |
| Iteration: | 1608; | Percent complete: | 40.2%; | Average loss: | 1.7190 |
| Iteration: | 1609; | Percent complete: | 40.2%; | Average loss: | 1.7343 |
| Iteration: | 1610; | Percent complete: | 40.2%; | Average loss: | 1.7321 |
| Iteration: | 1611; | Percent complete: | 40.3%; | Average loss: | 1.6873 |
| Iteration: | 1612; | Percent complete: | 40.3%; | Average loss: | 1.6855 |
| Iteration: | 1613; | Percent complete: | 40.3%; | Average loss: | 1.7217 |
| Iteration: | 1614; | Percent complete: | 40.4%; | Average loss: | 1.8996 |
| Iteration: | 1615; | Percent complete: | 40.4%; | Average loss: | 1.6541 |
| Iteration: | 1616; | Percent complete: | 40.4%; | Average loss: | 1.5936 |
| Iteration: | 1617; | Percent complete: | 40.4%; | Average loss: | 1.7657 |
| Iteration: | 1618; | Percent complete: | 40.5%; | Average loss: | 1.7059 |
| Iteration: | 1619; | Percent complete: | 40.5%; | Average loss: | 1.8717 |
| Iteration: | 1620; | Percent complete: | 40.5%; | Average loss: | 1.3916 |
| Iteration: | 1621; | Percent complete: | 40.5%; | Average loss: | 1.7145 |
| Iteration: | 1622; | Percent complete: | 40.6%; | Average loss: | 1.6720 |
| Iteration: | 1623; | Percent complete: | 40.6%; | Average loss: | 1.6896 |
| Iteration: | 1624; | Percent complete: | 40.6%; | Average loss: | 1.7125 |
| Iteration: | 1625; | Percent complete: | 40.6%; | Average loss: | 1.7661 |
| Iteration: | 1626; | Percent complete: | 40.6%; | Average loss: | 1.7248 |
| Iteration: | 1627; | Percent complete: | 40.7%; | Average loss: | 1.7613 |
| Iteration: | 1628; | Percent complete: | 40.7%; | Average loss: | 1.5345 |
| Iteration: | 1629; | Percent complete: | 40.7%; | Average loss: | 1.6641 |
| Iteration: | 1630; | Percent complete: | 40.8%; | Average loss: | 1.7077 |
| Iteration: | 1631; | Percent complete: | 40.8%; | Average loss: | 1.8032 |
| Iteration: | 1632; | Percent complete: | 40.8%; | Average loss: | 1.6618 |
| Iteration: | 1633; | Percent complete: | 40.8%; | Average loss: | 1.4538 |
| Iteration: | 1634; | Percent complete: | 40.8%; | Average loss: | 1.9092 |
| Iteration: | 1635; | Percent complete: | 40.9%; | Average loss: | 1.8174 |
| Iteration: | 1636; | Percent complete: | 40.9%; | Average loss: | 1.6558 |
| Iteration: | 1637; | Percent complete: | 40.9%; | Average loss: | 1.8610 |
| Iteration: | 1638; | Percent complete: | 40.9%; | Average loss: | 1.8347 |
| Iteration: | 1639; | Percent complete: | 41.0%; | Average loss: | 1.5328 |
| Iteration: | 1640; | Percent complete: | 41.0%; | Average loss: | 1.9956 |
| Iteration: | 1641; | Percent complete: | 41.0%; | Average loss: | 1.8185 |
| Iteration: | 1642; | Percent complete: | 41.0%; | Average loss: | 1.6571 |
| Iteration: | 1643; | Percent complete: | 41.1%; | Average loss: | 1.6921 |
| Iteration: | 1644; | Percent complete: | 41.1%; | Average loss: | 1.5746 |
| Iteration: | 1645; | Percent complete: | 41.1%; | Average loss: | 1.8752 |
| Iteration: | 1646; | Percent complete: | 41.1%; | Average loss: | 1.8071 |
| Iteration: | 1647; | Percent complete: | 41.2%; | Average loss: | 1.7142 |
| Iteration: | 1648; | Percent complete: | 41.2%; | Average loss: | 1.6836 |
| Iteration: | 1649; | Percent complete: | 41.2%; | Average loss: | 1.6247 |
| Iteration: | 1650; | Percent complete: | 41.2%; | Average loss: | 1.6651 |
| Iteration: | 1651; | Percent complete: | 41.3%; | Average loss: | 1.6256 |
| Iteration: | 1652; | Percent complete: | 41.3%; | Average loss: | 1.7187 |
| Iteration: | 1653; | Percent complete: | 41.3%; | Average loss: | 1.7870 |
| Iteration: | 1654; | Percent complete: | 41.3%; | Average loss: | 1.7619 |
| Iteration: | 1655; | Percent complete: | 41.4%; | Average loss: | 1.5964 |
| Iteration: | 1656; | Percent complete: | 41.4%; | Average loss: | 1.7286 |
| Iteration: | 1657; | Percent complete: | 41.4%; | Average loss: | 1.8459 |
| Iteration: | 1658; | Percent complete: | 41.4%; | Average loss: | 1.6557 |
| Iteration: | 1659; | Percent complete: | 41.5%; | Average loss: | 1.6830 |
| Iteration: | 1660; | Percent complete: | 41.5%; | Average loss: | 1.7996 |
| Iteration: | 1661; | Percent complete: | 41.5%; | Average loss: | 1.8049 |
| Iteration: | 1662; | Percent complete: | 41.5%; | Average loss: | 1.8844 |
| Iteration: | 1663; | Percent complete: | 41.6%; | Average loss: | 1.7930 |
| Iteration: | 1664; | Percent complete: | 41.6%; | Average loss: | 1.9212 |
| Iteration: | 1665; | Percent complete: | 41.6%; | Average loss: | 1.6950 |
| Iteration: | 1666; | Percent complete: | 41.6%; | Average loss: | 1.6396 |
| Iteration: | 1667; | Percent complete: | 41.7%; | Average loss: | 1.7448 |
| Iteration: | 1668; | Percent complete: | 41.7%; | Average loss: | 1      |



Iteration: 1776; Percent complete: 44.4%; Average loss: 1.5131  
Iteration: 1777; Percent complete: 44.4%; Average loss: 1.7550  
Iteration: 1778; Percent complete: 44.5%; Average loss: 1.5527  
Iteration: 1779; Percent complete: 44.5%; Average loss: 1.7098  
Iteration: 1780; Percent complete: 44.5%; Average loss: 1.6942  
Iteration: 1781; Percent complete: 44.5%; Average loss: 1.8593  
Iteration: 1782; Percent complete: 44.5%; Average loss: 1.5568  
Iteration: 1783; Percent complete: 44.6%; Average loss: 1.7089  
Iteration: 1784; Percent complete: 44.6%; Average loss: 1.7030  
Iteration: 1785; Percent complete: 44.6%; Average loss: 1.7713  
Iteration: 1786; Percent complete: 44.6%; Average loss: 1.8708  
Iteration: 1787; Percent complete: 44.7%; Average loss: 1.6684  
Iteration: 1788; Percent complete: 44.7%; Average loss: 1.7528  
Iteration: 1789; Percent complete: 44.7%; Average loss: 1.6194  
Iteration: 1790; Percent complete: 44.8%; Average loss: 1.5780  
Iteration: 1791; Percent complete: 44.8%; Average loss: 1.7189  
Iteration: 1792; Percent complete: 44.8%; Average loss: 1.6784  
Iteration: 1793; Percent complete: 44.8%; Average loss: 1.8821  
Iteration: 1794; Percent complete: 44.9%; Average loss: 1.9536  
Iteration: 1795; Percent complete: 44.9%; Average loss: 1.6361  
Iteration: 1796; Percent complete: 44.9%; Average loss: 1.7568  
Iteration: 1797; Percent complete: 44.9%; Average loss: 1.6656  
Iteration: 1798; Percent complete: 45.0%; Average loss: 1.9108  
Iteration: 1799; Percent complete: 45.0%; Average loss: 1.6999  
Iteration: 1800; Percent complete: 45.0%; Average loss: 1.8113  
Iteration: 1801; Percent complete: 45.0%; Average loss: 1.6828  
Iteration: 1802; Percent complete: 45.1%; Average loss: 1.7973  
Iteration: 1803; Percent complete: 45.1%; Average loss: 1.7056  
Iteration: 1804; Percent complete: 45.1%; Average loss: 1.8379  
Iteration: 1805; Percent complete: 45.1%; Average loss: 1.7908  
Iteration: 1806; Percent complete: 45.1%; Average loss: 1.7595  
Iteration: 1807; Percent complete: 45.2%; Average loss: 1.4609  
Iteration: 1808; Percent complete: 45.2%; Average loss: 1.7874  
Iteration: 1809; Percent complete: 45.2%; Average loss: 1.6116  
Iteration: 1810; Percent complete: 45.2%; Average loss: 1.7361  
Iteration: 1811; Percent complete: 45.3%; Average loss: 1.6096  
Iteration: 1812; Percent complete: 45.3%; Average loss: 1.8418  
Iteration: 1813; Percent complete: 45.3%; Average loss: 1.5730  
Iteration: 1814; Percent complete: 45.4%; Average loss: 1.4444  
Iteration: 1815; Percent complete: 45.4%; Average loss: 1.6127  
Iteration: 1816; Percent complete: 45.4%; Average loss: 1.6807  
Iteration: 1817; Percent complete: 45.4%; Average loss: 1.5793  
Iteration: 1818; Percent complete: 45.5%; Average loss: 1.8157  
Iteration: 1819; Percent complete: 45.5%; Average loss: 1.6329  
Iteration: 1820; Percent complete: 45.5%; Average loss: 1.5569  
Iteration: 1821; Percent complete: 45.5%; Average loss: 1.8382  
Iteration: 1822; Percent complete: 45.6%; Average loss: 1.5352  
Iteration: 1823; Percent complete: 45.6%; Average loss: 1.7419  
Iteration: 1824; Percent complete: 45.6%; Average loss: 1.7405  
Iteration: 1825; Percent complete: 45.6%; Average loss: 1.5354  
Iteration: 1826; Percent complete: 45.6%; Average loss: 1.7859  
Iteration: 1827; Percent complete: 45.7%; Average loss: 1.8158  
Iteration: 1828; Percent complete: 45.7%; Average loss: 1.6150  
Iteration: 1829; Percent complete: 45.7%; Average loss: 1.5532  
Iteration: 1830; Percent complete: 45.8%; Average loss: 1.5781  
Iteration: 1831; Percent complete: 45.8%; Average loss: 1.8916  
Iteration: 1832; Percent complete: 45.8%; Average loss: 1.5748  
Iteration: 1833; Percent complete: 45.8%; Average loss: 1.5114  
Iteration: 1834; Percent complete: 45.9%; Average loss: 1.7597  
Iteration: 1835; Percent complete: 45.9%; Average loss: 1.5645  
Iteration: 1836; Percent complete: 45.9%; Average loss: 1.4398  
Iteration: 1837; Percent complete: 45.9%; Average loss: 1.6987  
Iteration: 1838; Percent complete: 46.0%; Average loss: 1.6202  
Iteration: 1839; Percent complete: 46.0%; Average loss: 1.6844  
Iteration: 1840; Percent complete: 46.0%; Average loss: 1.8239  
Iteration: 1841; Percent complete: 46.0%; Average loss: 1.9194  
Iteration: 1842; Percent complete: 46.1%; Average loss: 1.8836  
Iteration: 1843; Percent complete: 46.1%; Average loss: 1.7019  
Iteration: 1844; Percent complete: 46.1%; Average loss: 1.8142  
Iteration: 1845; Percent complete: 46.1%; Average loss: 1.7048  
Iteration: 1846; Percent complete: 46.2%; Average loss: 1.8379  
Iteration: 1847; Percent complete: 46.2%; Average loss: 1.7372  
Iteration: 1848; Percent complete: 46.2%; Average loss: 2.0126  
Iteration: 1849; Percent complete: 46.2%; Average loss: 1.9305  
Iteration: 1850; Percent complete: 46.2%; Average loss: 1.7195  
Iteration: 1851; Percent complete: 46.3%; Average loss: 1.8886  
Iteration: 1852; Percent complete: 46.3%; Average loss: 1.6847  
Iteration: 1853; Percent complete: 46.3%; Average loss: 1.4883  
Iteration: 1854; Percent complete: 46.4%; Average loss: 1.6376  
Iteration: 1855; Percent complete: 46.4%; Average loss: 1.7249  
Iteration: 1856; Percent complete: 46.4%; Average loss: 1.6983  
Iteration: 1857; Percent complete: 46.4%; Average loss: 1.8359  
Iteration: 1858; Percent complete: 46.5%; Average loss: 1.7209  
Iteration: 1859; Percent complete: 46.5%; Average loss: 1.6217  
Iteration: 1860; Percent complete: 46.5%; Average loss: 1.7398  
Iteration: 1861; Percent complete: 46.5%; Average loss: 1.4491  
Iteration: 1862; Percent complete: 46.6%; Average loss: 1.6740  
Iteration: 1863; Percent complete: 46.6%; Average loss: 1.6791  
Iteration: 1864; Percent complete: 46.6%; Average loss: 1.6035  
Iteration: 1865; Percent complete: 46.6%; Average loss: 1.7877  
Iteration: 1866; Percent complete: 46.7%; Average loss: 1.6297



|            |       |         |           |        |         |       |        |
|------------|-------|---------|-----------|--------|---------|-------|--------|
| Iteration: | 1867; | Percent | complete: | 46.7%; | Average | loss: | 1.6548 |
| Iteration: | 1868; | Percent | complete: | 46.7%; | Average | loss: | 1.6681 |
| Iteration: | 1869; | Percent | complete: | 46.7%; | Average | loss: | 1.7296 |
| Iteration: | 1870; | Percent | complete: | 46.8%; | Average | loss: | 1.7289 |
| Iteration: | 1871; | Percent | complete: | 46.8%; | Average | loss: | 1.7141 |
| Iteration: | 1872; | Percent | complete: | 46.8%; | Average | loss: | 1.6813 |
| Iteration: | 1873; | Percent | complete: | 46.8%; | Average | loss: | 1.7906 |
| Iteration: | 1874; | Percent | complete: | 46.9%; | Average | loss: | 1.8437 |
| Iteration: | 1875; | Percent | complete: | 46.9%; | Average | loss: | 1.8601 |
| Iteration: | 1876; | Percent | complete: | 46.9%; | Average | loss: | 1.7692 |
| Iteration: | 1877; | Percent | complete: | 46.9%; | Average | loss: | 1.8090 |
| Iteration: | 1878; | Percent | complete: | 46.9%; | Average | loss: | 1.5536 |
| Iteration: | 1879; | Percent | complete: | 47.0%; | Average | loss: | 1.6695 |
| Iteration: | 1880; | Percent | complete: | 47.0%; | Average | loss: | 1.5878 |
| Iteration: | 1881; | Percent | complete: | 47.0%; | Average | loss: | 1.7580 |
| Iteration: | 1882; | Percent | complete: | 47.0%; | Average | loss: | 1.7374 |
| Iteration: | 1883; | Percent | complete: | 47.1%; | Average | loss: | 1.7264 |
| Iteration: | 1884; | Percent | complete: | 47.1%; | Average | loss: | 1.6591 |
| Iteration: | 1885; | Percent | complete: | 47.1%; | Average | loss: | 1.6075 |
| Iteration: | 1886; | Percent | complete: | 47.1%; | Average | loss: | 1.7336 |
| Iteration: | 1887; | Percent | complete: | 47.2%; | Average | loss: | 1.4633 |
| Iteration: | 1888; | Percent | complete: | 47.2%; | Average | loss: | 1.8009 |
| Iteration: | 1889; | Percent | complete: | 47.2%; | Average | loss: | 1.7745 |
| Iteration: | 1890; | Percent | complete: | 47.2%; | Average | loss: | 1.7358 |
| Iteration: | 1891; | Percent | complete: | 47.3%; | Average | loss: | 1.5412 |
| Iteration: | 1892; | Percent | complete: | 47.3%; | Average | loss: | 1.6809 |
| Iteration: | 1893; | Percent | complete: | 47.3%; | Average | loss: | 1.8223 |
| Iteration: | 1894; | Percent | complete: | 47.3%; | Average | loss: | 1.7204 |
| Iteration: | 1895; | Percent | complete: | 47.4%; | Average | loss: | 1.6838 |
| Iteration: | 1896; | Percent | complete: | 47.4%; | Average | loss: | 1.6097 |
| Iteration: | 1897; | Percent | complete: | 47.4%; | Average | loss: | 1.5379 |
| Iteration: | 1898; | Percent | complete: | 47.4%; | Average | loss: | 1.8487 |
| Iteration: | 1899; | Percent | complete: | 47.5%; | Average | loss: | 1.7138 |
| Iteration: | 1900; | Percent | complete: | 47.5%; | Average | loss: | 1.4313 |
| Iteration: | 1901; | Percent | complete: | 47.5%; | Average | loss: | 1.6979 |
| Iteration: | 1902; | Percent | complete: | 47.5%; | Average | loss: | 1.7988 |
| Iteration: | 1903; | Percent | complete: | 47.6%; | Average | loss: | 1.6220 |
| Iteration: | 1904; | Percent | complete: | 47.6%; | Average | loss: | 1.7753 |
| Iteration: | 1905; | Percent | complete: | 47.6%; | Average | loss: | 1.6275 |
| Iteration: | 1906; | Percent | complete: | 47.6%; | Average | loss: | 1.6852 |
| Iteration: | 1907; | Percent | complete: | 47.7%; | Average | loss: | 1.5402 |
| Iteration: | 1908; | Percent | complete: | 47.7%; | Average | loss: | 1.5683 |
| Iteration: | 1909; | Percent | complete: | 47.7%; | Average | loss: | 1.7476 |
| Iteration: | 1910; | Percent | complete: | 47.8%; | Average | loss: | 1.4573 |
| Iteration: | 1911; | Percent | complete: | 47.8%; | Average | loss: | 1.6089 |
| Iteration: | 1912; | Percent | complete: | 47.8%; | Average | loss: | 1.7151 |
| Iteration: | 1913; | Percent | complete: | 47.8%; | Average | loss: | 1.7211 |
| Iteration: | 1914; | Percent | complete: | 47.9%; | Average | loss: | 1.7722 |
| Iteration: | 1915; | Percent | complete: | 47.9%; | Average | loss: | 1.9026 |
| Iteration: | 1916; | Percent | complete: | 47.9%; | Average | loss: | 1.5615 |
| Iteration: | 1917; | Percent | complete: | 47.9%; | Average | loss: | 1.7806 |
| Iteration: | 1918; | Percent | complete: | 47.9%; | Average | loss: | 1.7086 |
| Iteration: | 1919; | Percent | complete: | 48.0%; | Average | loss: | 1.6789 |
| Iteration: | 1920; | Percent | complete: | 48.0%; | Average | loss: | 1.6272 |
| Iteration: | 1921; | Percent | complete: | 48.0%; | Average | loss: | 1.5048 |
| Iteration: | 1922; | Percent | complete: | 48.0%; | Average | loss: | 1.7262 |
| Iteration: | 1923; | Percent | complete: | 48.1%; | Average | loss: | 1.4537 |
| Iteration: | 1924; | Percent | complete: | 48.1%; | Average | loss: | 1.6952 |
| Iteration: | 1925; | Percent | complete: | 48.1%; | Average | loss: | 1.6489 |
| Iteration: | 1926; | Percent | complete: | 48.1%; | Average | loss: | 1.7756 |
| Iteration: | 1927; | Percent | complete: | 48.2%; | Average | loss: | 1.6754 |
| Iteration: | 1928; | Percent | complete: | 48.2%; | Average | loss: | 1.8272 |
| Iteration: | 1929; | Percent | complete: | 48.2%; | Average | loss: | 1.4899 |
| Iteration: | 1930; | Percent | complete: | 48.2%; | Average | loss: | 1.8343 |

Iteration: 1958; Percent complete: 48.9%; Average loss: 1.9012  
Iteration: 1959; Percent complete: 49.0%; Average loss: 1.7128  
Iteration: 1960; Percent complete: 49.0%; Average loss: 1.6106  
Iteration: 1961; Percent complete: 49.0%; Average loss: 1.6987  
Iteration: 1962; Percent complete: 49.0%; Average loss: 1.7573  
Iteration: 1963; Percent complete: 49.1%; Average loss: 1.8093  
Iteration: 1964; Percent complete: 49.1%; Average loss: 1.7524  
Iteration: 1965; Percent complete: 49.1%; Average loss: 1.6663  
Iteration: 1966; Percent complete: 49.1%; Average loss: 1.7907  
Iteration: 1967; Percent complete: 49.2%; Average loss: 1.7837  
Iteration: 1968; Percent complete: 49.2%; Average loss: 1.6237  
Iteration: 1969; Percent complete: 49.2%; Average loss: 1.5567  
Iteration: 1970; Percent complete: 49.2%; Average loss: 1.4291  
Iteration: 1971; Percent complete: 49.3%; Average loss: 1.6231  
Iteration: 1972; Percent complete: 49.3%; Average loss: 1.7288  
Iteration: 1973; Percent complete: 49.3%; Average loss: 1.6620  
Iteration: 1974; Percent complete: 49.4%; Average loss: 1.8485  
Iteration: 1975; Percent complete: 49.4%; Average loss: 1.8008  
Iteration: 1976; Percent complete: 49.4%; Average loss: 1.5913  
Iteration: 1977; Percent complete: 49.4%; Average loss: 1.6518  
Iteration: 1978; Percent complete: 49.5%; Average loss: 1.6516  
Iteration: 1979; Percent complete: 49.5%; Average loss: 1.7227  
Iteration: 1980; Percent complete: 49.5%; Average loss: 2.0449  
Iteration: 1981; Percent complete: 49.5%; Average loss: 1.5759  
Iteration: 1982; Percent complete: 49.5%; Average loss: 1.6530  
Iteration: 1983; Percent complete: 49.6%; Average loss: 1.6611  
Iteration: 1984; Percent complete: 49.6%; Average loss: 1.6692  
Iteration: 1985; Percent complete: 49.6%; Average loss: 1.7768  
Iteration: 1986; Percent complete: 49.6%; Average loss: 1.8753  
Iteration: 1987; Percent complete: 49.7%; Average loss: 1.6972  
Iteration: 1988; Percent complete: 49.7%; Average loss: 1.7504  
Iteration: 1989; Percent complete: 49.7%; Average loss: 1.7924  
Iteration: 1990; Percent complete: 49.8%; Average loss: 1.6558  
Iteration: 1991; Percent complete: 49.8%; Average loss: 1.7690  
Iteration: 1992; Percent complete: 49.8%; Average loss: 1.6918  
Iteration: 1993; Percent complete: 49.8%; Average loss: 1.6641  
Iteration: 1994; Percent complete: 49.9%; Average loss: 1.8419  
Iteration: 1995; Percent complete: 49.9%; Average loss: 1.5105  
Iteration: 1996; Percent complete: 49.9%; Average loss: 1.5791  
Iteration: 1997; Percent complete: 49.9%; Average loss: 1.8952  
Iteration: 1998; Percent complete: 50.0%; Average loss: 1.9928  
Iteration: 1999; Percent complete: 50.0%; Average loss: 1.6618  
Iteration: 2000; Percent complete: 50.0%; Average loss: 1.6747  
Iteration: 2001; Percent complete: 50.0%; Average loss: 1.6201  
Iteration: 2002; Percent complete: 50.0%; Average loss: 1.7394  
Iteration: 2003; Percent complete: 50.1%; Average loss: 1.6362  
Iteration: 2004; Percent complete: 50.1%; Average loss: 1.8095  
Iteration: 2005; Percent complete: 50.1%; Average loss: 1.5212  
Iteration: 2006; Percent complete: 50.1%; Average loss: 1.6074  
Iteration: 2007; Percent complete: 50.2%; Average loss: 1.7308  
Iteration: 2008; Percent complete: 50.2%; Average loss: 1.8127  
Iteration: 2009; Percent complete: 50.2%; Average loss: 1.6821  
Iteration: 2010; Percent complete: 50.2%; Average loss: 1.6319  
Iteration: 2011; Percent complete: 50.3%; Average loss: 1.6529  
Iteration: 2012; Percent complete: 50.3%; Average loss: 1.5964  
Iteration: 2013; Percent complete: 50.3%; Average loss: 1.7303  
Iteration: 2014; Percent complete: 50.3%; Average loss: 1.4633  
Iteration: 2015; Percent complete: 50.4%; Average loss: 1.7157  
Iteration: 2016; Percent complete: 50.4%; Average loss: 1.7052  
Iteration: 2017; Percent complete: 50.4%; Average loss: 1.8515  
Iteration: 2018; Percent complete: 50.4%; Average loss: 1.7917  
Iteration: 2019; Percent complete: 50.5%; Average loss: 1.5810  
Iteration: 2020; Percent complete: 50.5%; Average loss: 1.6927  
Iteration: 2021; Percent complete: 50.5%; Average loss: 1.5116  
Iteration: 2022; Percent complete: 50.5%; Average loss: 1.7217  
Iteration: 2023; Percent complete: 50.6%; Average loss: 1.6107  
Iteration: 2024; Percent complete: 50.6%; Average loss: 1.3501  
Iteration: 2025; Percent complete: 50.6%; Average loss: 1.5773  
Iteration: 2026; Percent complete: 50.6%; Average loss: 1.6053  
Iteration: 2027; Percent complete: 50.7%; Average loss: 1.7310  
Iteration: 2028; Percent complete: 50.7%; Average loss: 1.6527  
Iteration: 2029; Percent complete: 50.7%; Average loss: 1.7106  
Iteration: 2030; Percent complete: 50.7%; Average loss: 1.4725  
Iteration: 2031; Percent complete: 50.8%; Average loss: 1.7685  
Iteration: 2032; Percent complete: 50.8%; Average loss: 1.7540  
Iteration: 2033; Percent complete: 50.8%; Average loss: 1.6139  
Iteration: 2034; Percent complete: 50.8%; Average loss: 1.5818  
Iteration: 2035; Percent complete: 50.9%; Average loss: 1.5994  
Iteration: 2036; Percent complete: 50.9%; Average loss: 1.8879  
Iteration: 2037; Percent complete: 50.9%; Average loss: 1.5769  
Iteration: 2038; Percent complete: 50.9%; Average loss: 1.5903  
Iteration: 2039; Percent complete: 51.0%; Average loss: 1.5710  
Iteration: 2040; Percent complete: 51.0%; Average loss: 1.5385  
Iteration: 2041; Percent complete: 51.0%; Average loss: 1.6402  
Iteration: 2042; Percent complete: 51.0%; Average loss: 1.5478  
Iteration: 2043; Percent complete: 51.1%; Average loss: 1.7216  
Iteration: 2044; Percent complete: 51.1%; Average loss: 1.6911  
Iteration: 2045; Percent complete: 51.1%; Average loss: 1.8649  
Iteration: 2046; Percent complete: 51.1%; Average loss: 1.8150  
Iteration: 2047; Percent complete: 51.2%; Average loss: 1.7697  
Iteration: 2048; Percent complete: 51.2%; Average loss: 1.6539  
Iteration: 2049; Percent complete: 51.2%; Average loss: 1.5080

|                  |                          |                      |
|------------------|--------------------------|----------------------|
| Iteration: 2043; | Percent complete: 51.2%; | Average loss: 1.9580 |
| Iteration: 2050; | Percent complete: 51.2%; | Average loss: 1.7170 |
| Iteration: 2051; | Percent complete: 51.3%; | Average loss: 2.0210 |
| Iteration: 2052; | Percent complete: 51.3%; | Average loss: 1.6210 |
| Iteration: 2053; | Percent complete: 51.3%; | Average loss: 1.7533 |
| Iteration: 2054; | Percent complete: 51.3%; | Average loss: 1.6080 |
| Iteration: 2055; | Percent complete: 51.4%; | Average loss: 1.7931 |
| Iteration: 2056; | Percent complete: 51.4%; | Average loss: 1.6158 |
| Iteration: 2057; | Percent complete: 51.4%; | Average loss: 1.5609 |
| Iteration: 2058; | Percent complete: 51.4%; | Average loss: 1.6806 |
| Iteration: 2059; | Percent complete: 51.5%; | Average loss: 1.8615 |
| Iteration: 2060; | Percent complete: 51.5%; | Average loss: 1.7128 |
| Iteration: 2061; | Percent complete: 51.5%; | Average loss: 1.7142 |
| Iteration: 2062; | Percent complete: 51.5%; | Average loss: 1.6787 |
| Iteration: 2063; | Percent complete: 51.6%; | Average loss: 1.7142 |
| Iteration: 2064; | Percent complete: 51.6%; | Average loss: 1.6729 |
| Iteration: 2065; | Percent complete: 51.6%; | Average loss: 1.7016 |
| Iteration: 2066; | Percent complete: 51.6%; | Average loss: 1.6480 |
| Iteration: 2067; | Percent complete: 51.7%; | Average loss: 1.8918 |
| Iteration: 2068; | Percent complete: 51.7%; | Average loss: 1.7494 |
| Iteration: 2069; | Percent complete: 51.7%; | Average loss: 1.6969 |
| Iteration: 2070; | Percent complete: 51.7%; | Average loss: 1.7128 |
| Iteration: 2071; | Percent complete: 51.8%; | Average loss: 1.6548 |
| Iteration: 2072; | Percent complete: 51.8%; | Average loss: 1.6398 |
| Iteration: 2073; | Percent complete: 51.8%; | Average loss: 1.7686 |
| Iteration: 2074; | Percent complete: 51.8%; | Average loss: 1.7270 |
| Iteration: 2075; | Percent complete: 51.9%; | Average loss: 1.8599 |
| Iteration: 2076; | Percent complete: 51.9%; | Average loss: 1.6777 |
| Iteration: 2077; | Percent complete: 51.9%; | Average loss: 1.5072 |
| Iteration: 2078; | Percent complete: 51.9%; | Average loss: 1.5876 |
| Iteration: 2079; | Percent complete: 52.0%; | Average loss: 1.6027 |
| Iteration: 2080; | Percent complete: 52.0%; | Average loss: 1.6227 |
| Iteration: 2081; | Percent complete: 52.0%; | Average loss: 1.5468 |
| Iteration: 2082; | Percent complete: 52.0%; | Average loss: 1.6156 |
| Iteration: 2083; | Percent complete: 52.1%; | Average loss: 1.6783 |
| Iteration: 2084; | Percent complete: 52.1%; | Average loss: 1.4743 |
| Iteration: 2085; | Percent complete: 52.1%; | Average loss: 1.5255 |
| Iteration: 2086; | Percent complete: 52.1%; | Average loss: 1.6130 |
| Iteration: 2087; | Percent complete: 52.2%; | Average loss: 1.4968 |
| Iteration: 2088; | Percent complete: 52.2%; | Average loss: 1.8835 |
| Iteration: 2089; | Percent complete: 52.2%; | Average loss: 1.8131 |
| Iteration: 2090; | Percent complete: 52.2%; | Average loss: 1.7507 |
| Iteration: 2091; | Percent complete: 52.3%; | Average loss: 1.6569 |
| Iteration: 2092; | Percent complete: 52.3%; | Average loss: 1.5535 |
| Iteration: 2093; | Percent complete: 52.3%; | Average loss: 1.5841 |
| Iteration: 2094; | Percent complete: 52.3%; | Average loss: 1.7504 |
| Iteration: 2095; | Percent complete: 52.4%; | Average loss: 1.7729 |
| Iteration: 2096; | Percent complete: 52.4%; | Average loss: 1.7209 |
| Iteration: 2097; | Percent complete: 52.4%; | Average loss: 1.4801 |
| Iteration: 2098; | Percent complete: 52.4%; | Average loss: 1.5656 |
| Iteration: 2099; | Percent complete: 52.5%; | Average loss: 1.7181 |
| Iteration: 2100; | Percent complete: 52.5%; | Average loss: 1.5215 |
| Iteration: 2101; | Percent complete: 52.5%; | Average loss: 1.6931 |
| Iteration: 2102; | Percent complete: 52.5%; | Average loss: 1.5611 |
| Iteration: 2103; | Percent complete: 52.6%; | Average loss: 1.7208 |
| Iteration: 2104; | Percent complete: 52.6%; | Average loss: 1.6404 |
| Iteration: 2105; | Percent complete: 52.6%; | Average loss: 1.7598 |
| Iteration: 2106; | Percent complete: 52.6%; | Average loss: 1.6179 |
| Iteration: 2107; | Percent complete: 52.7%; | Average loss: 1.7361 |
| Iteration: 2108; | Percent complete: 52.7%; | Average loss: 1.7484 |
| Iteration: 2109; | Percent complete: 52.7%; | Average loss: 1.7172 |
| Iteration: 2110; | Percent complete: 52.8%; | Average loss: 1.8707 |
| Iteration: 2111; | Percent complete: 52.8%; | Average loss: 1.6210 |
| Iteration: 2112; | Percent complete: 52.8%; | Average loss: 1.5228 |
| Iteration: 2113; | Percent complete: 52.8%; | Average loss: 1.7305 |
| Iteration: 2114; | Percent complete: 52.8%; | Average loss: 1.6489 |
| Iteration: 2115; | Percent complete: 52.9%; | Average loss: 1.4999 |
| Iteration: 2116; | Percent complete: 52.9%; | Average loss: 1.5487 |
| Iteration: 2117; | Percent complete: 52.9%; | Average loss: 1.6138 |
| Iteration: 2118; | Percent complete: 52.9%; | Average loss: 1.6477 |
| Iteration: 2119; | Percent complete: 53.0%; | Average loss: 1.6375 |
| Iteration: 2120; | Percent complete: 53.0%; | Average loss: 1.8259 |
| Iteration: 2121; | Percent complete: 53.0%; | Average loss: 1.5861 |
| Iteration: 2122; | Percent complete: 53.0%; | Average loss: 1.6170 |
| Iteration: 2123; | Percent complete: 53.1%; | Average loss: 1.7411 |
| Iteration: 2124; | Percent complete: 53.1%; | Average loss: 1.9279 |
| Iteration: 2125; | Percent complete: 53.1%; | Average loss: 1.5372 |
| Iteration: 2126; | Percent complete: 53.1%; | Average loss: 1.9054 |
| Iteration: 2127; | Percent complete: 53.2%; | Average loss: 1.8354 |
| Iteration: 2128; | Percent complete: 53.2%; | Average loss: 1.7861 |
| Iteration: 2129; | Percent complete: 53.2%; | Average loss: 1.5025 |
| Iteration: 2130; | Percent complete: 53.2%; | Average loss: 1.7607 |
| Iteration: 2131; | Percent complete: 53.3%; | Average loss: 1.6473 |
| Iteration: 2132; | Percent complete: 53.3%; | Average loss: 1.6654 |
| Iteration: 2133; | Percent complete: 53.3%; | Average loss: 1.6745 |
| Iteration: 2134; | Percent complete: 53.3%; | Average loss: 1.8702 |
| Iteration: 2135; | Percent complete: 53.4%; | Average loss: 1.5217 |
| Iteration: 2136; | Percent complete: 53.4%; | Average loss: 1.5206 |
| Iteration: 2137; | Percent complete: 53.4%; | Average loss: 1.5867 |
| Iteration: 2138; | Percent complete: 53.4%; | Average loss: 1.5118 |
| Iteration: 2139; | Percent complete: 53.5%; | Average loss: 1.6203 |

Iteration: 2141; Percent complete: 53.5%; Average loss: 1.5305  
Iteration: 2142; Percent complete: 53.5%; Average loss: 1.5664  
Iteration: 2143; Percent complete: 53.6%; Average loss: 1.5144  
Iteration: 2144; Percent complete: 53.6%; Average loss: 1.4919  
Iteration: 2145; Percent complete: 53.6%; Average loss: 1.7357  
Iteration: 2146; Percent complete: 53.6%; Average loss: 1.7414  
Iteration: 2147; Percent complete: 53.7%; Average loss: 1.5703  
Iteration: 2148; Percent complete: 53.7%; Average loss: 1.9585  
Iteration: 2149; Percent complete: 53.7%; Average loss: 1.5353  
Iteration: 2150; Percent complete: 53.8%; Average loss: 1.6099  
Iteration: 2151; Percent complete: 53.8%; Average loss: 1.4264  
Iteration: 2152; Percent complete: 53.8%; Average loss: 1.5461  
Iteration: 2153; Percent complete: 53.8%; Average loss: 1.9167  
Iteration: 2154; Percent complete: 53.8%; Average loss: 1.7936  
Iteration: 2155; Percent complete: 53.9%; Average loss: 1.6095  
Iteration: 2156; Percent complete: 53.9%; Average loss: 1.8321  
Iteration: 2157; Percent complete: 53.9%; Average loss: 1.5404  
Iteration: 2158; Percent complete: 53.9%; Average loss: 1.6337  
Iteration: 2159; Percent complete: 54.0%; Average loss: 1.7084  
Iteration: 2160; Percent complete: 54.0%; Average loss: 1.6017  
Iteration: 2161; Percent complete: 54.0%; Average loss: 1.6534  
Iteration: 2162; Percent complete: 54.0%; Average loss: 1.5631  
Iteration: 2163; Percent complete: 54.1%; Average loss: 1.6454  
Iteration: 2164; Percent complete: 54.1%; Average loss: 1.8631  
Iteration: 2165; Percent complete: 54.1%; Average loss: 1.7111  
Iteration: 2166; Percent complete: 54.1%; Average loss: 1.6667  
Iteration: 2167; Percent complete: 54.2%; Average loss: 1.8619  
Iteration: 2168; Percent complete: 54.2%; Average loss: 1.5809  
Iteration: 2169; Percent complete: 54.2%; Average loss: 1.5632  
Iteration: 2170; Percent complete: 54.2%; Average loss: 1.7395  
Iteration: 2171; Percent complete: 54.3%; Average loss: 1.7308  
Iteration: 2172; Percent complete: 54.3%; Average loss: 1.5203  
Iteration: 2173; Percent complete: 54.3%; Average loss: 1.8185  
Iteration: 2174; Percent complete: 54.4%; Average loss: 1.6617  
Iteration: 2175; Percent complete: 54.4%; Average loss: 1.6276  
Iteration: 2176; Percent complete: 54.4%; Average loss: 1.6180  
Iteration: 2177; Percent complete: 54.4%; Average loss: 1.6868  
Iteration: 2178; Percent complete: 54.4%; Average loss: 1.8207  
Iteration: 2179; Percent complete: 54.5%; Average loss: 1.6829  
Iteration: 2180; Percent complete: 54.5%; Average loss: 1.7753  
Iteration: 2181; Percent complete: 54.5%; Average loss: 1.5391  
Iteration: 2182; Percent complete: 54.5%; Average loss: 1.8092  
Iteration: 2183; Percent complete: 54.6%; Average loss: 1.6194  
Iteration: 2184; Percent complete: 54.6%; Average loss: 1.8270  
Iteration: 2185; Percent complete: 54.6%; Average loss: 1.6296  
Iteration: 2186; Percent complete: 54.6%; Average loss: 1.5873  
Iteration: 2187; Percent complete: 54.7%; Average loss: 1.7873  
Iteration: 2188; Percent complete: 54.7%; Average loss: 1.5809  
Iteration: 2189; Percent complete: 54.7%; Average loss: 1.7575  
Iteration: 2190; Percent complete: 54.8%; Average loss: 1.6794  
Iteration: 2191; Percent complete: 54.8%; Average loss: 1.5723  
Iteration: 2192; Percent complete: 54.8%; Average loss: 1.5458  
Iteration: 2193; Percent complete: 54.8%; Average loss: 1.6099  
Iteration: 2194; Percent complete: 54.9%; Average loss: 1.5859  
Iteration: 2195; Percent complete: 54.9%; Average loss: 1.7323  
Iteration: 2196; Percent complete: 54.9%; Average loss: 2.0228  
Iteration: 2197; Percent complete: 54.9%; Average loss: 1.8574  
Iteration: 2198; Percent complete: 54.9%; Average loss: 1.5984  
Iteration: 2199; Percent complete: 55.0%; Average loss: 1.5948  
Iteration: 2200; Percent complete: 55.0%; Average loss: 1.7800  
Iteration: 2201; Percent complete: 55.0%; Average loss: 1.7670  
Iteration: 2202; Percent complete: 55.0%; Average loss: 1.6928  
Iteration: 2203; Percent complete: 55.1%; Average loss: 1.7796  
Iteration: 2204; Percent complete: 55.1%; Average loss: 2.0340  
Iteration: 2205; Percent complete: 55.1%; Average loss: 1.5522  
Iteration: 2206; Percent complete: 55.1%; Average loss: 1.6142  
Iteration: 2207; Percent complete: 55.2%; Average loss: 1.6236  
Iteration: 2208; Percent complete: 55.2%; Average loss: 1.7980  
Iteration: 2209; Percent complete: 55.2%; Average loss: 1.6302  
Iteration: 2210; Percent complete: 55.2%; Average loss: 1.6466  
Iteration: 2211; Percent complete: 55.3%; Average loss: 1.5058  
Iteration: 2212; Percent complete: 55.3%; Average loss: 1.8499  
Iteration: 2213; Percent complete: 55.3%; Average loss: 1.5988  
Iteration: 2214; Percent complete: 55.4%; Average loss: 1.5046  
Iteration: 2215; Percent complete: 55.4%; Average loss: 1.5467  
Iteration: 2216; Percent complete: 55.4%; Average loss: 1.7156  
Iteration: 2217; Percent complete: 55.4%; Average loss: 1.5553  
Iteration: 2218; Percent complete: 55.5%; Average loss: 1.4952  
Iteration: 2219; Percent complete: 55.5%; Average loss: 1.7112  
Iteration: 2220; Percent complete: 55.5%; Average loss: 1.8681  
Iteration: 2221; Percent complete: 55.5%; Average loss: 1.5600  
Iteration: 2222; Percent complete: 55.5%; Average loss: 1.6859  
Iteration: 2223; Percent complete: 55.6%; Average loss: 1.7040  
Iteration: 2224; Percent complete: 55.6%; Average loss: 1.5600  
Iteration: 2225; Percent complete: 55.6%; Average loss: 1.8373  
Iteration: 2226; Percent complete: 55.6%; Average loss: 1.8542  
Iteration: 2227; Percent complete: 55.7%; Average loss: 1.5773  
Iteration: 2228; Percent complete: 55.7%; Average loss: 1.6824  
Iteration: 2229; Percent complete: 55.7%; Average loss: 1.6320  
Iteration: 2230; Percent complete: 55.8%; Average loss: 1.7468  
Iteration: 2231; Percent complete: 55.8%; Average loss: 1.6386

|            |       |         |           |        |         |       |        |
|------------|-------|---------|-----------|--------|---------|-------|--------|
| Iteration: | 2232; | Percent | complete: | 55.8%; | Average | loss: | 1.6869 |
| Iteration: | 2233; | Percent | complete: | 55.8%; | Average | loss: | 1.6771 |
| Iteration: | 2234; | Percent | complete: | 55.9%; | Average | loss: | 1.6516 |
| Iteration: | 2235; | Percent | complete: | 55.9%; | Average | loss: | 1.4566 |
| Iteration: | 2236; | Percent | complete: | 55.9%; | Average | loss: | 1.6163 |
| Iteration: | 2237; | Percent | complete: | 55.9%; | Average | loss: | 1.8380 |
| Iteration: | 2238; | Percent | complete: | 56.0%; | Average | loss: | 1.5711 |
| Iteration: | 2239; | Percent | complete: | 56.0%; | Average | loss: | 1.5843 |
| Iteration: | 2240; | Percent | complete: | 56.0%; | Average | loss: | 1.6452 |
| Iteration: | 2241; | Percent | complete: | 56.0%; | Average | loss: | 1.5063 |
| Iteration: | 2242; | Percent | complete: | 56.0%; | Average | loss: | 1.8261 |
| Iteration: | 2243; | Percent | complete: | 56.1%; | Average | loss: | 1.7383 |
| Iteration: | 2244; | Percent | complete: | 56.1%; | Average | loss: | 1.6044 |
| Iteration: | 2245; | Percent | complete: | 56.1%; | Average | loss: | 1.6842 |
| Iteration: | 2246; | Percent | complete: | 56.1%; | Average | loss: | 1.8122 |
| Iteration: | 2247; | Percent | complete: | 56.2%; | Average | loss: | 1.5956 |
| Iteration: | 2248; | Percent | complete: | 56.2%; | Average | loss: | 1.5920 |
| Iteration: | 2249; | Percent | complete: | 56.2%; | Average | loss: | 2.0335 |
| Iteration: | 2250; | Percent | complete: | 56.2%; | Average | loss: | 1.6084 |
| Iteration: | 2251; | Percent | complete: | 56.3%; | Average | loss: | 1.7423 |
| Iteration: | 2252; | Percent | complete: | 56.3%; | Average | loss: | 1.5057 |
| Iteration: | 2253; | Percent | complete: | 56.3%; | Average | loss: | 1.9685 |
| Iteration: | 2254; | Percent | complete: | 56.4%; | Average | loss: | 1.6285 |
| Iteration: | 2255; | Percent | complete: | 56.4%; | Average | loss: | 1.7919 |
| Iteration: | 2256; | Percent | complete: | 56.4%; | Average | loss: | 1.5010 |
| Iteration: | 2257; | Percent | complete: | 56.4%; | Average | loss: | 1.6895 |
| Iteration: | 2258; | Percent | complete: | 56.5%; | Average | loss: | 1.5718 |
| Iteration: | 2259; | Percent | complete: | 56.5%; | Average | loss: | 1.8022 |
| Iteration: | 2260; | Percent | complete: | 56.5%; | Average | loss: | 1.5857 |
| Iteration: | 2261; | Percent | complete: | 56.5%; | Average | loss: | 1.5913 |
| Iteration: | 2262; | Percent | complete: | 56.5%; | Average | loss: | 1.7220 |
| Iteration: | 2263; | Percent | complete: | 56.6%; | Average | loss: | 1.5024 |
| Iteration: | 2264; | Percent | complete: | 56.6%; | Average | loss: | 1.5728 |
| Iteration: | 2265; | Percent | complete: | 56.6%; | Average | loss: | 1.6796 |
| Iteration: | 2266; | Percent | complete: | 56.6%; | Average | loss: | 1.7496 |
| Iteration: | 2267; | Percent | complete: | 56.7%; | Average | loss: | 1.7483 |
| Iteration: | 2268; | Percent | complete: | 56.7%; | Average | loss: | 1.6531 |
| Iteration: | 2269; | Percent | complete: | 56.7%; | Average | loss: | 1.6654 |
| Iteration: | 2270; | Percent | complete: | 56.8%; | Average | loss: | 1.6349 |
| Iteration: | 2271; | Percent | complete: | 56.8%; | Average | loss: | 1.7143 |
| Iteration: | 2272; | Percent | complete: | 56.8%; | Average | loss: | 1.6767 |
| Iteration: | 2273; | Percent | complete: | 56.8%; | Average | loss: | 1.7264 |
| Iteration: | 2274; | Percent | complete: | 56.9%; | Average | loss: | 1.7298 |
| Iteration: | 2275; | Percent | complete: | 56.9%; | Average | loss: | 1.7558 |
| Iteration: | 2276; | Percent | complete: | 56.9%; | Average | loss: | 1.6232 |
| Iteration: | 2277; | Percent | complete: | 56.9%; | Average | loss: | 1.6028 |
| Iteration: | 2278; | Percent | complete: | 57.0%; | Average | loss: | 1.7906 |
| Iteration: | 2279; | Percent | complete: | 57.0%; | Average | loss: | 1.7996 |
| Iteration: | 2280; | Percent | complete: | 57.0%; | Average | loss: | 1.6356 |
| Iteration: | 2281; | Percent | complete: | 57.0%; | Average | loss: | 1.4935 |
| Iteration: | 2282; | Percent | complete: | 57.0%; | Average | loss: | 1.7655 |
| Iteration: | 2283; | Percent | complete: | 57.1%; | Average | loss: | 1.7109 |
| Iteration: | 2284; | Percent | complete: | 57.1%; | Average | loss: | 1.6391 |
| Iteration: | 2285; | Percent | complete: | 57.1%; | Average | loss: | 1.7355 |
| Iteration: | 2286; | Percent | complete: | 57.1%; | Average | loss: | 1.7108 |
| Iteration: | 2287; | Percent | complete: | 57.2%; | Average | loss: | 1.5496 |
| Iteration: | 2288; | Percent | complete: | 57.2%; | Average | loss: | 1.5641 |
| Iteration: | 2289; | Percent | complete: | 57.2%; | Average | loss: | 1.6504 |
| Iteration: | 2290; | Percent | complete: | 57.2%; | Average | loss: | 1.7031 |
| Iteration: | 2291; | Percent | complete: | 57.3%; | Average | loss: | 1.9311 |
| Iteration: | 2292; | Percent | complete: | 57.3%; | Average | loss: | 1.4318 |
| Iteration: | 2293; | Percent | complete: | 57.3%; | Average | loss: | 1.6228 |
| Iteration: | 2294; | Percent | complete: | 57.4%; | Average | loss: | 1.6698 |
| Iteration: | 2295; | Percent | complete: | 57.4%; | Average | loss: | 1.5935 |

|            |       |                   |        |               |        |
|------------|-------|-------------------|--------|---------------|--------|
| Iteration: | 2323; | Percent complete: | 58.1%; | Average loss: | 1.8389 |
| Iteration: | 2324; | Percent complete: | 58.1%; | Average loss: | 1.6242 |
| Iteration: | 2325; | Percent complete: | 58.1%; | Average loss: | 1.6889 |
| Iteration: | 2326; | Percent complete: | 58.1%; | Average loss: | 1.7515 |
| Iteration: | 2327; | Percent complete: | 58.2%; | Average loss: | 1.7011 |
| Iteration: | 2328; | Percent complete: | 58.2%; | Average loss: | 1.9362 |
| Iteration: | 2329; | Percent complete: | 58.2%; | Average loss: | 1.8587 |
| Iteration: | 2330; | Percent complete: | 58.2%; | Average loss: | 1.8300 |
| Iteration: | 2331; | Percent complete: | 58.3%; | Average loss: | 1.4527 |
| Iteration: | 2332; | Percent complete: | 58.3%; | Average loss: | 1.9705 |
| Iteration: | 2333; | Percent complete: | 58.3%; | Average loss: | 1.6164 |
| Iteration: | 2334; | Percent complete: | 58.4%; | Average loss: | 1.4211 |
| Iteration: | 2335; | Percent complete: | 58.4%; | Average loss: | 1.4591 |
| Iteration: | 2336; | Percent complete: | 58.4%; | Average loss: | 1.7625 |
| Iteration: | 2337; | Percent complete: | 58.4%; | Average loss: | 1.9279 |
| Iteration: | 2338; | Percent complete: | 58.5%; | Average loss: | 1.6469 |
| Iteration: | 2339; | Percent complete: | 58.5%; | Average loss: | 1.6382 |
| Iteration: | 2340; | Percent complete: | 58.5%; | Average loss: | 1.5070 |
| Iteration: | 2341; | Percent complete: | 58.5%; | Average loss: | 1.6785 |
| Iteration: | 2342; | Percent complete: | 58.6%; | Average loss: | 1.8286 |
| Iteration: | 2343; | Percent complete: | 58.6%; | Average loss: | 1.6341 |
| Iteration: | 2344; | Percent complete: | 58.6%; | Average loss: | 1.7841 |
| Iteration: | 2345; | Percent complete: | 58.6%; | Average loss: | 1.5736 |
| Iteration: | 2346; | Percent complete: | 58.7%; | Average loss: | 1.7533 |
| Iteration: | 2347; | Percent complete: | 58.7%; | Average loss: | 1.7663 |
| Iteration: | 2348; | Percent complete: | 58.7%; | Average loss: | 1.6532 |
| Iteration: | 2349; | Percent complete: | 58.7%; | Average loss: | 1.4880 |
| Iteration: | 2350; | Percent complete: | 58.8%; | Average loss: | 1.6321 |
| Iteration: | 2351; | Percent complete: | 58.8%; | Average loss: | 1.7499 |
| Iteration: | 2352; | Percent complete: | 58.8%; | Average loss: | 1.7454 |
| Iteration: | 2353; | Percent complete: | 58.8%; | Average loss: | 1.3282 |
| Iteration: | 2354; | Percent complete: | 58.9%; | Average loss: | 1.6430 |
| Iteration: | 2355; | Percent complete: | 58.9%; | Average loss: | 1.6117 |
| Iteration: | 2356; | Percent complete: | 58.9%; | Average loss: | 1.8130 |
| Iteration: | 2357; | Percent complete: | 58.9%; | Average loss: | 1.6231 |
| Iteration: | 2358; | Percent complete: | 59.0%; | Average loss: | 1.7595 |
| Iteration: | 2359; | Percent complete: | 59.0%; | Average loss: | 1.8143 |
| Iteration: | 2360; | Percent complete: | 59.0%; | Average loss: | 1.5313 |
| Iteration: | 2361; | Percent complete: | 59.0%; | Average loss: | 1.8020 |
| Iteration: | 2362; | Percent complete: | 59.1%; | Average loss: | 1.6568 |
| Iteration: | 2363; | Percent complete: | 59.1%; | Average loss: | 1.7275 |
| Iteration: | 2364; | Percent complete: | 59.1%; | Average loss: | 1.7206 |
| Iteration: | 2365; | Percent complete: | 59.1%; | Average loss: | 1.4082 |
| Iteration: | 2366; | Percent complete: | 59.2%; | Average loss: | 1.6687 |
| Iteration: | 2367; | Percent complete: | 59.2%; | Average loss: | 1.8396 |
| Iteration: | 2368; | Percent complete: | 59.2%; | Average loss: | 1.4549 |
| Iteration: | 2369; | Percent complete: | 59.2%; | Average loss: | 1.5636 |
| Iteration: | 2370; | Percent complete: | 59.2%; | Average loss: | 1.5795 |
| Iteration: | 2371; | Percent complete: | 59.3%; | Average loss: | 1.4163 |
| Iteration: | 2372; | Percent complete: | 59.3%; | Average loss: | 1.6839 |
| Iteration: | 2373; | Percent complete: | 59.3%; | Average loss: | 1.8368 |
| Iteration: | 2374; | Percent complete: | 59.4%; | Average loss: | 1.5200 |
| Iteration: | 2375; | Percent complete: | 59.4%; | Average loss: | 1.8659 |
| Iteration: | 2376; | Percent complete: | 59.4%; | Average loss: | 1.6814 |
| Iteration: | 2377; | Percent complete: | 59.4%; | Average loss: | 1.6331 |
| Iteration: | 2378; | Percent complete: | 59.5%; | Average loss: | 1.7567 |
| Iteration: | 2379; | Percent complete: | 59.5%; | Average loss: | 1.6954 |
| Iteration: | 2380; | Percent complete: | 59.5%; | Average loss: | 1.4280 |
| Iteration: | 2381; | Percent complete: | 59.5%; | Average loss: | 1.6849 |
| Iteration: | 2382; | Percent complete: | 59.6%; | Average loss: | 1.4586 |
| Iteration: | 2383; | Percent complete: | 59.6%; | Average loss: | 1.5892 |
| Iteration: | 2384; | Percent complete: | 59.6%; | Average loss: | 1.5572 |
| Iteration: | 2385; | Percent complete: | 59.6%; | Average loss: | 1.5539 |
| Iteration: | 2386; | Percent complete: | 59.7%; | Average loss: | 1.6914 |
| Iteration: | 2387; | Percent complete: | 59.7%; | Average loss: | 1.6746 |
| Iteration: | 2388; | Percent complete: | 59.7%; | Average loss: | 1.5543 |
| Iteration: | 2389; | Percent complete: | 59.7%; | Average loss: | 1.7501 |
| Iteration: | 2390; | Percent complete: | 59.8%; | Average loss: | 1.8686 |
| Iteration: | 2391; | Percent complete: | 59.8%; | Average loss: | 1.4504 |
| Iteration: | 2392; | Percent complete: | 59.8%; | Average loss: | 1.5236 |
| Iteration: | 2393; | Percent complete: | 59.8%; | Average loss: | 1.8266 |
| Iteration: | 2394; | Percent complete: | 59.9%; | Average loss: | 1.7539 |
| Iteration: | 2395; | Percent complete: | 59.9%; | Average loss: | 1.5139 |
| Iteration: | 2396; | Percent complete: | 59.9%; | Average loss: | 1.7603 |
| Iteration: | 2397; | Percent complete: | 59.9%; | Average loss: | 1.8223 |
| Iteration: | 2398; | Percent complete: | 60.0%; | Average loss: | 1      |

|                  |                   |        |               |        |
|------------------|-------------------|--------|---------------|--------|
| Iteration: 2414; | Percent complete: | 60.4%; | Average loss: | 1.7839 |
| Iteration: 2415; | Percent complete: | 60.4%; | Average loss: | 1.5433 |
| Iteration: 2416; | Percent complete: | 60.4%; | Average loss: | 1.7014 |
| Iteration: 2417; | Percent complete: | 60.4%; | Average loss: | 1.3854 |
| Iteration: 2418; | Percent complete: | 60.5%; | Average loss: | 1.6387 |
| Iteration: 2419; | Percent complete: | 60.5%; | Average loss: | 1.6863 |
| Iteration: 2420; | Percent complete: | 60.5%; | Average loss: | 1.6783 |
| Iteration: 2421; | Percent complete: | 60.5%; | Average loss: | 1.5853 |
| Iteration: 2422; | Percent complete: | 60.6%; | Average loss: | 1.7224 |
| Iteration: 2423; | Percent complete: | 60.6%; | Average loss: | 1.7080 |
| Iteration: 2424; | Percent complete: | 60.6%; | Average loss: | 1.5996 |
| Iteration: 2425; | Percent complete: | 60.6%; | Average loss: | 1.5038 |
| Iteration: 2426; | Percent complete: | 60.7%; | Average loss: | 1.8093 |
| Iteration: 2427; | Percent complete: | 60.7%; | Average loss: | 1.6894 |
| Iteration: 2428; | Percent complete: | 60.7%; | Average loss: | 1.7303 |
| Iteration: 2429; | Percent complete: | 60.7%; | Average loss: | 1.6937 |
| Iteration: 2430; | Percent complete: | 60.8%; | Average loss: | 1.6007 |
| Iteration: 2431; | Percent complete: | 60.8%; | Average loss: | 1.7677 |
| Iteration: 2432; | Percent complete: | 60.8%; | Average loss: | 1.7280 |
| Iteration: 2433; | Percent complete: | 60.8%; | Average loss: | 1.7857 |
| Iteration: 2434; | Percent complete: | 60.9%; | Average loss: | 1.7219 |
| Iteration: 2435; | Percent complete: | 60.9%; | Average loss: | 1.8073 |
| Iteration: 2436; | Percent complete: | 60.9%; | Average loss: | 1.7234 |
| Iteration: 2437; | Percent complete: | 60.9%; | Average loss: | 1.6877 |
| Iteration: 2438; | Percent complete: | 61.0%; | Average loss: | 1.5895 |
| Iteration: 2439; | Percent complete: | 61.0%; | Average loss: | 1.7338 |
| Iteration: 2440; | Percent complete: | 61.0%; | Average loss: | 1.6967 |
| Iteration: 2441; | Percent complete: | 61.0%; | Average loss: | 1.6982 |
| Iteration: 2442; | Percent complete: | 61.1%; | Average loss: | 1.6822 |
| Iteration: 2443; | Percent complete: | 61.1%; | Average loss: | 1.8058 |
| Iteration: 2444; | Percent complete: | 61.1%; | Average loss: | 1.5849 |
| Iteration: 2445; | Percent complete: | 61.1%; | Average loss: | 1.6796 |
| Iteration: 2446; | Percent complete: | 61.2%; | Average loss: | 1.6103 |
| Iteration: 2447; | Percent complete: | 61.2%; | Average loss: | 1.9013 |
| Iteration: 2448; | Percent complete: | 61.2%; | Average loss: | 1.6279 |
| Iteration: 2449; | Percent complete: | 61.2%; | Average loss: | 1.5459 |
| Iteration: 2450; | Percent complete: | 61.3%; | Average loss: | 1.6903 |
| Iteration: 2451; | Percent complete: | 61.3%; | Average loss: | 1.4564 |
| Iteration: 2452; | Percent complete: | 61.3%; | Average loss: | 1.7396 |
| Iteration: 2453; | Percent complete: | 61.3%; | Average loss: | 1.8027 |
| Iteration: 2454; | Percent complete: | 61.4%; | Average loss: | 1.9153 |
| Iteration: 2455; | Percent complete: | 61.4%; | Average loss: | 1.7265 |
| Iteration: 2456; | Percent complete: | 61.4%; | Average loss: | 1.6788 |
| Iteration: 2457; | Percent complete: | 61.4%; | Average loss: | 1.8496 |
| Iteration: 2458; | Percent complete: | 61.5%; | Average loss: | 1.5540 |
| Iteration: 2459; | Percent complete: | 61.5%; | Average loss: | 1.5626 |
| Iteration: 2460; | Percent complete: | 61.5%; | Average loss: | 1.7519 |
| Iteration: 2461; | Percent complete: | 61.5%; | Average loss: | 1.7005 |
| Iteration: 2462; | Percent complete: | 61.6%; | Average loss: | 1.8933 |
| Iteration: 2463; | Percent complete: | 61.6%; | Average loss: | 1.6798 |
| Iteration: 2464; | Percent complete: | 61.6%; | Average loss: | 1.7193 |
| Iteration: 2465; | Percent complete: | 61.6%; | Average loss: | 1.6496 |
| Iteration: 2466; | Percent complete: | 61.7%; | Average loss: | 1.5069 |
| Iteration: 2467; | Percent complete: | 61.7%; | Average loss: | 1.6344 |
| Iteration: 2468; | Percent complete: | 61.7%; | Average loss: | 1.5043 |
| Iteration: 2469; | Percent complete: | 61.7%; | Average loss: | 1.7103 |
| Iteration: 2470; | Percent complete: | 61.8%; | Average loss: | 1.6522 |
| Iteration: 2471; | Percent complete: | 61.8%; | Average loss: | 1.8026 |
| Iteration: 2472; | Percent complete: | 61.8%; | Average loss: | 1.6733 |
| Iteration: 2473; | Percent complete: | 61.8%; | Average loss: | 1.7893 |
| Iteration: 2474; | Percent complete: | 61.9%; | Average loss: | 1.5428 |
| Iteration: 2475; | Percent complete: | 61.9%; | Average loss: | 1.8596 |
| Iteration: 2476; | Percent complete: | 61.9%; | Average loss: | 1.6457 |
| Iteration: 2477; | Percent complete: | 61.9%; | Average loss: | 1.7783 |
| Iteration: 2478; | Percent complete: | 62.0%; | Average loss: | 1.9092 |
| Iteration: 2479; | Percent complete: | 62.0%; | Average loss: | 1.5706 |
| Iteration: 2480; | Percent complete: | 62.0%; | Average loss: | 1.6922 |
| Iteration: 2481; | Percent complete: | 62.0%; | Average loss: | 1.7029 |
| Iteration: 2482; | Percent complete: | 62.1%; | Average loss: | 2.0053 |
| Iteration: 2483; | Percent complete: | 62.1%; | Average loss: | 1.7528 |
| Iteration: 2484; | Percent complete: | 62.1%; | Average loss: | 1.6694 |
| Iteration: 2485; | Percent complete: | 62.1%; | Average loss: | 1.8707 |
| Iteration: 2486; | Percent complete: | 62.2%; | Average loss: | 1.8405 |
| Iteration: 2487; | Percent complete: | 62.2%; | Average loss: | 1.7153 |
| Iteration: 2488; | Percent complete: | 62.2%; | Average loss: | 1.5726 |
| Iteration: 2489; | Percent complete: | 62.2%; | Average loss: | 1.7243 |
| Iteration: 2490; | Percent complete: | 62.3%; | Average loss: | 1.6605 |
| Iteration: 2491; | Percent complete: | 62.3%; | Average loss: | 1.7823 |
| Iteration: 2492; | Percent complete: | 62.3%; | Average loss: | 1.7495 |
| Iteration: 2493; | Percent complete: | 62.3%; | Average loss: | 1.6896 |
| Iteration: 2494; |                   |        |               |        |





Iteration: 2597; Percent complete: 64.9%; Average loss: 1.7598  
Iteration: 2598; Percent complete: 65.0%; Average loss: 1.6021  
Iteration: 2599; Percent complete: 65.0%; Average loss: 1.7060  
Iteration: 2600; Percent complete: 65.0%; Average loss: 1.8370  
Iteration: 2601; Percent complete: 65.0%; Average loss: 1.7533  
Iteration: 2602; Percent complete: 65.0%; Average loss: 1.6862  
Iteration: 2603; Percent complete: 65.1%; Average loss: 1.6896  
Iteration: 2604; Percent complete: 65.1%; Average loss: 1.9967  
Iteration: 2605; Percent complete: 65.1%; Average loss: 1.7224  
Iteration: 2606; Percent complete: 65.1%; Average loss: 1.6599  
Iteration: 2607; Percent complete: 65.2%; Average loss: 1.6224  
Iteration: 2608; Percent complete: 65.2%; Average loss: 1.8502  
Iteration: 2609; Percent complete: 65.2%; Average loss: 1.6781  
Iteration: 2610; Percent complete: 65.2%; Average loss: 1.5200  
Iteration: 2611; Percent complete: 65.3%; Average loss: 1.6029  
Iteration: 2612; Percent complete: 65.3%; Average loss: 1.6133  
Iteration: 2613; Percent complete: 65.3%; Average loss: 1.8475  
Iteration: 2614; Percent complete: 65.3%; Average loss: 1.4757  
Iteration: 2615; Percent complete: 65.4%; Average loss: 1.8745  
Iteration: 2616; Percent complete: 65.4%; Average loss: 1.6428  
Iteration: 2617; Percent complete: 65.4%; Average loss: 1.5708  
Iteration: 2618; Percent complete: 65.5%; Average loss: 1.5685  
Iteration: 2619; Percent complete: 65.5%; Average loss: 1.7868  
Iteration: 2620; Percent complete: 65.5%; Average loss: 1.4521  
Iteration: 2621; Percent complete: 65.5%; Average loss: 1.8530  
Iteration: 2622; Percent complete: 65.5%; Average loss: 1.4527  
Iteration: 2623; Percent complete: 65.6%; Average loss: 1.6047  
Iteration: 2624; Percent complete: 65.6%; Average loss: 1.5648  
Iteration: 2625; Percent complete: 65.6%; Average loss: 1.6827  
Iteration: 2626; Percent complete: 65.6%; Average loss: 1.5470  
Iteration: 2627; Percent complete: 65.7%; Average loss: 1.8522  
Iteration: 2628; Percent complete: 65.7%; Average loss: 1.5847  
Iteration: 2629; Percent complete: 65.7%; Average loss: 1.6153  
Iteration: 2630; Percent complete: 65.8%; Average loss: 1.5431  
Iteration: 2631; Percent complete: 65.8%; Average loss: 1.3832  
Iteration: 2632; Percent complete: 65.8%; Average loss: 1.8164  
Iteration: 2633; Percent complete: 65.8%; Average loss: 1.5229  
Iteration: 2634; Percent complete: 65.8%; Average loss: 1.7752  
Iteration: 2635; Percent complete: 65.9%; Average loss: 1.5878  
Iteration: 2636; Percent complete: 65.9%; Average loss: 1.3755  
Iteration: 2637; Percent complete: 65.9%; Average loss: 1.6699  
Iteration: 2638; Percent complete: 66.0%; Average loss: 1.7366  
Iteration: 2639; Percent complete: 66.0%; Average loss: 1.6533  
Iteration: 2640; Percent complete: 66.0%; Average loss: 1.6443  
Iteration: 2641; Percent complete: 66.0%; Average loss: 1.5369  
Iteration: 2642; Percent complete: 66.0%; Average loss: 1.6578  
Iteration: 2643; Percent complete: 66.1%; Average loss: 1.7438  
Iteration: 2644; Percent complete: 66.1%; Average loss: 1.5127  
Iteration: 2645; Percent complete: 66.1%; Average loss: 1.8565  
Iteration: 2646; Percent complete: 66.1%; Average loss: 1.5707  
Iteration: 2647; Percent complete: 66.2%; Average loss: 1.6891  
Iteration: 2648; Percent complete: 66.2%; Average loss: 1.7854  
Iteration: 2649; Percent complete: 66.2%; Average loss: 1.6618  
Iteration: 2650; Percent complete: 66.2%; Average loss: 1.4901  
Iteration: 2651; Percent complete: 66.3%; Average loss: 1.7803  
Iteration: 2652; Percent complete: 66.3%; Average loss: 1.4334  
Iteration: 2653; Percent complete: 66.3%; Average loss: 1.8267  
Iteration: 2654; Percent complete: 66.3%; Average loss: 1.9254  
Iteration: 2655; Percent complete: 66.4%; Average loss: 1.9361  
Iteration: 2656; Percent complete: 66.4%; Average loss: 1.6679  
Iteration: 2657; Percent complete: 66.4%; Average loss: 1.6428  
Iteration: 2658; Percent complete: 66.5%; Average loss: 1.5776  
Iteration: 2659; Percent complete: 66.5%; Average loss: 1.6593  
Iteration: 2660; Percent complete: 66.5%; Average loss: 1.6661  
Iteration: 2661; Percent complete: 66.5%; Average loss: 1.7349  
Iteration: 2662; Percent complete: 66.5%; Average loss: 1.6076  
Iteration: 2663; Percent complete: 66.6%; Average loss: 1.6888  
Iteration: 2664; Percent complete: 66.6%; Average loss: 1.4809  
Iteration: 2665; Percent complete: 66.6%; Average loss: 1.7513  
Iteration: 2666; Percent complete: 66.6%; Average loss: 1.5976  
Iteration: 2667; Percent complete: 66.7%; Average loss: 1.7250  
Iteration: 2668; Percent complete: 66.7%; Average loss: 1.5401  
Iteration: 2669; Percent complete: 66.7%; Average loss: 1.7849  
Iteration: 2670; Percent complete: 66.8%; Average loss: 1.8606  
Iteration: 2671; Percent complete: 66.8%; Average loss: 1.6856  
Iteration: 2672; Percent complete: 66.8%; Average loss: 1.6510  
Iteration: 2673; Percent complete: 66.8%; Average loss: 1.7946  
Iteration: 2674; Percent complete: 66.8%; Average loss: 1.6749  
Iteration: 2675; Percent complete: 66.9%; Average loss: 1.8450  
Iteration: 2676; Percent complete: 66.9%; Average loss: 1.7632  
Iteration: 2677; Percent complete: 66.9%; Average loss: 1.7712  
Iteration: 2678; Percent complete: 67.0%; Average loss: 2.1197  
Iteration: 2679; Percent complete: 67.0%; Average loss: 1.7676  
Iteration: 2680; Percent complete: 67.0%; Average loss: 1.6003  
Iteration: 2681; Percent complete: 67.0%; Average loss: 1.6113  
Iteration: 2682; Percent complete: 67.0%; Average loss: 1.4780  
Iteration: 2683; Percent complete: 67.1%; Average loss: 1.5384  
Iteration: 2684; Percent complete: 67.1%; Average loss: 1.7343  
Iteration: 2685; Percent complete: 67.1%; Average loss: 1.5928  
Iteration: 2686; Percent complete: 67.2%; Average loss: 1.8082  
Iteration: 2687; Percent complete: 67.2%; Average loss: 1.6707

|            |       |                   |        |               |        |
|------------|-------|-------------------|--------|---------------|--------|
| Iteration: | 2688; | Percent complete: | 67.2%; | Average loss: | 1.5794 |
| Iteration: | 2689; | Percent complete: | 67.2%; | Average loss: | 1.5800 |
| Iteration: | 2690; | Percent complete: | 67.2%; | Average loss: | 1.5186 |
| Iteration: | 2691; | Percent complete: | 67.3%; | Average loss: | 1.7043 |
| Iteration: | 2692; | Percent complete: | 67.3%; | Average loss: | 1.4877 |
| Iteration: | 2693; | Percent complete: | 67.3%; | Average loss: | 1.6697 |
| Iteration: | 2694; | Percent complete: | 67.3%; | Average loss: | 1.9009 |
| Iteration: | 2695; | Percent complete: | 67.4%; | Average loss: | 1.8130 |
| Iteration: | 2696; | Percent complete: | 67.4%; | Average loss: | 1.5277 |
| Iteration: | 2697; | Percent complete: | 67.4%; | Average loss: | 1.7883 |
| Iteration: | 2698; | Percent complete: | 67.5%; | Average loss: | 1.4829 |
| Iteration: | 2699; | Percent complete: | 67.5%; | Average loss: | 1.6854 |
| Iteration: | 2700; | Percent complete: | 67.5%; | Average loss: | 1.7347 |
| Iteration: | 2701; | Percent complete: | 67.5%; | Average loss: | 1.7369 |
| Iteration: | 2702; | Percent complete: | 67.5%; | Average loss: | 1.5842 |
| Iteration: | 2703; | Percent complete: | 67.6%; | Average loss: | 1.4447 |
| Iteration: | 2704; | Percent complete: | 67.6%; | Average loss: | 1.6346 |
| Iteration: | 2705; | Percent complete: | 67.6%; | Average loss: | 1.7816 |
| Iteration: | 2706; | Percent complete: | 67.7%; | Average loss: | 1.6819 |
| Iteration: | 2707; | Percent complete: | 67.7%; | Average loss: | 1.7296 |
| Iteration: | 2708; | Percent complete: | 67.7%; | Average loss: | 1.4893 |
| Iteration: | 2709; | Percent complete: | 67.7%; | Average loss: | 1.6901 |
| Iteration: | 2710; | Percent complete: | 67.8%; | Average loss: | 1.7629 |
| Iteration: | 2711; | Percent complete: | 67.8%; | Average loss: | 1.6429 |
| Iteration: | 2712; | Percent complete: | 67.8%; | Average loss: | 1.7257 |
| Iteration: | 2713; | Percent complete: | 67.8%; | Average loss: | 1.7085 |
| Iteration: | 2714; | Percent complete: | 67.8%; | Average loss: | 1.6167 |
| Iteration: | 2715; | Percent complete: | 67.9%; | Average loss: | 1.6280 |
| Iteration: | 2716; | Percent complete: | 67.9%; | Average loss: | 1.6466 |
| Iteration: | 2717; | Percent complete: | 67.9%; | Average loss: | 1.7868 |
| Iteration: | 2718; | Percent complete: | 68.0%; | Average loss: | 1.4650 |
| Iteration: | 2719; | Percent complete: | 68.0%; | Average loss: | 1.6407 |
| Iteration: | 2720; | Percent complete: | 68.0%; | Average loss: | 1.5423 |
| Iteration: | 2721; | Percent complete: | 68.0%; | Average loss: | 1.6290 |
| Iteration: | 2722; | Percent complete: | 68.0%; | Average loss: | 1.6533 |
| Iteration: | 2723; | Percent complete: | 68.1%; | Average loss: | 1.6472 |
| Iteration: | 2724; | Percent complete: | 68.1%; | Average loss: | 1.8219 |
| Iteration: | 2725; | Percent complete: | 68.1%; | Average loss: | 1.5231 |
| Iteration: | 2726; | Percent complete: | 68.2%; | Average loss: | 1.5153 |
| Iteration: | 2727; | Percent complete: | 68.2%; | Average loss: | 1.6907 |
| Iteration: | 2728; | Percent complete: | 68.2%; | Average loss: | 1.6288 |
| Iteration: | 2729; | Percent complete: | 68.2%; | Average loss: | 1.6187 |
| Iteration: | 2730; | Percent complete: | 68.2%; | Average loss: | 1.6675 |
| Iteration: | 2731; | Percent complete: | 68.3%; | Average loss: | 1.7296 |
| Iteration: | 2732; | Percent complete: | 68.3%; | Average loss: | 2.0196 |
| Iteration: | 2733; | Percent complete: | 68.3%; | Average loss: | 1.7261 |
| Iteration: | 2734; | Percent complete: | 68.3%; | Average loss: | 1.5691 |
| Iteration: | 2735; | Percent complete: | 68.4%; | Average loss: | 1.5898 |
| Iteration: | 2736; | Percent complete: | 68.4%; | Average loss: | 1.6167 |
| Iteration: | 2737; | Percent complete: | 68.4%; | Average loss: | 1.7788 |
| Iteration: | 2738; | Percent complete: | 68.5%; | Average loss: | 1.4655 |
| Iteration: | 2739; | Percent complete: | 68.5%; | Average loss: | 1.7160 |
| Iteration: | 2740; | Percent complete: | 68.5%; | Average loss: | 1.6046 |
| Iteration: | 2741; | Percent complete: | 68.5%; | Average loss: | 1.6666 |
| Iteration: | 2742; | Percent complete: | 68.5%; | Average loss: | 1.6394 |
| Iteration: | 2743; | Percent complete: | 68.6%; | Average loss: | 1.7356 |
| Iteration: | 2744; | Percent complete: | 68.6%; | Average loss: | 1.6913 |
| Iteration: | 2745; | Percent complete: | 68.6%; | Average loss: | 1.7419 |
| Iteration: | 2746; | Percent complete: | 68.7%; | Average loss: | 1.6264 |
| Iteration: | 2747; | Percent complete: | 68.7%; | Average loss: | 1.6637 |
| Iteration: | 2748; | Percent complete: | 68.7%; | Average loss: | 1.6453 |
| Iteration: | 2749; | Percent complete: | 68.7%; | Average loss: | 1.5169 |
| Iteration: | 2750; | Percent complete: | 68.8%; | Average loss: | 1.6568 |
| Iteration: | 2751; | Percent complete: | 68.8%; | Average loss: | 1.5988 |
| Iteration: | 2752; | Percent complete: | 68.8%; | Average loss: | 1.7041 |
| Iteration: | 2753; | Percent complete: | 68.8%; | Average loss: | 1.8782 |
| Iteration: | 2754; | Percent complete: | 68.8%; | Average loss: | 1.5191 |
| Iteration: | 2755; | Percent complete: | 68.9%; | Average loss: | 1.5203 |
| Iteration: | 2756; | Percent complete: | 68.9%; | Average loss: | 1.7336 |
| Iteration: | 2757; | Percent complete: | 68.9%; | Average loss: | 1.5358 |
| Iteration: | 2758; | Percent complete: | 69.0%; | Average loss: | 1.8748 |
| Iteration: | 2759; | Percent complete: | 69.0%; | Average loss: | 1.6223 |
| Iteration: | 2760; | Percent complete: | 69.0%; | Average loss: | 1.7611 |
| Iteration: | 2761; | Percent complete: | 69.0%; | Average loss: | 1.7905 |
| Iteration: | 2762; | Percent complete: | 69.0%; | Average loss: | 1.6028 |
| Iteration: | 2763; | Percent complete: | 69.1%; | Average loss: | 1      |



|            |       |         |           |        |         |       |        |
|------------|-------|---------|-----------|--------|---------|-------|--------|
| Iteration: | 2871; | Percent | complete: | 71.8%; | Average | loss: | 1.9095 |
| Iteration: | 2872; | Percent | complete: | 71.8%; | Average | loss: | 1.4293 |
| Iteration: | 2873; | Percent | complete: | 71.8%; | Average | loss: | 1.5926 |
| Iteration: | 2874; | Percent | complete: | 71.9%; | Average | loss: | 1.8448 |
| Iteration: | 2875; | Percent | complete: | 71.9%; | Average | loss: | 1.8606 |
| Iteration: | 2876; | Percent | complete: | 71.9%; | Average | loss: | 1.7153 |
| Iteration: | 2877; | Percent | complete: | 71.9%; | Average | loss: | 1.6755 |
| Iteration: | 2878; | Percent | complete: | 72.0%; | Average | loss: | 1.6703 |
| Iteration: | 2879; | Percent | complete: | 72.0%; | Average | loss: | 1.6779 |
| Iteration: | 2880; | Percent | complete: | 72.0%; | Average | loss: | 1.5597 |
| Iteration: | 2881; | Percent | complete: | 72.0%; | Average | loss: | 1.6238 |
| Iteration: | 2882; | Percent | complete: | 72.0%; | Average | loss: | 1.5289 |
| Iteration: | 2883; | Percent | complete: | 72.1%; | Average | loss: | 1.5452 |
| Iteration: | 2884; | Percent | complete: | 72.1%; | Average | loss: | 1.6916 |
| Iteration: | 2885; | Percent | complete: | 72.1%; | Average | loss: | 1.4944 |
| Iteration: | 2886; | Percent | complete: | 72.2%; | Average | loss: | 1.5763 |
| Iteration: | 2887; | Percent | complete: | 72.2%; | Average | loss: | 1.7253 |
| Iteration: | 2888; | Percent | complete: | 72.2%; | Average | loss: | 1.6324 |
| Iteration: | 2889; | Percent | complete: | 72.2%; | Average | loss: | 1.7883 |
| Iteration: | 2890; | Percent | complete: | 72.2%; | Average | loss: | 1.5706 |
| Iteration: | 2891; | Percent | complete: | 72.3%; | Average | loss: | 1.3716 |
| Iteration: | 2892; | Percent | complete: | 72.3%; | Average | loss: | 1.8613 |
| Iteration: | 2893; | Percent | complete: | 72.3%; | Average | loss: | 1.8688 |
| Iteration: | 2894; | Percent | complete: | 72.4%; | Average | loss: | 1.6509 |
| Iteration: | 2895; | Percent | complete: | 72.4%; | Average | loss: | 1.5967 |
| Iteration: | 2896; | Percent | complete: | 72.4%; | Average | loss: | 1.4953 |
| Iteration: | 2897; | Percent | complete: | 72.4%; | Average | loss: | 1.7519 |
| Iteration: | 2898; | Percent | complete: | 72.5%; | Average | loss: | 1.7463 |
| Iteration: | 2899; | Percent | complete: | 72.5%; | Average | loss: | 1.6543 |
| Iteration: | 2900; | Percent | complete: | 72.5%; | Average | loss: | 1.3743 |
| Iteration: | 2901; | Percent | complete: | 72.5%; | Average | loss: | 1.4346 |
| Iteration: | 2902; | Percent | complete: | 72.5%; | Average | loss: | 1.5858 |
| Iteration: | 2903; | Percent | complete: | 72.6%; | Average | loss: | 1.7316 |
| Iteration: | 2904; | Percent | complete: | 72.6%; | Average | loss: | 1.5812 |
| Iteration: | 2905; | Percent | complete: | 72.6%; | Average | loss: | 1.9692 |
| Iteration: | 2906; | Percent | complete: | 72.7%; | Average | loss: | 1.7897 |
| Iteration: | 2907; | Percent | complete: | 72.7%; | Average | loss: | 1.6006 |
| Iteration: | 2908; | Percent | complete: | 72.7%; | Average | loss: | 1.7614 |
| Iteration: | 2909; | Percent | complete: | 72.7%; | Average | loss: | 1.7076 |
| Iteration: | 2910; | Percent | complete: | 72.8%; | Average | loss: | 1.6429 |
| Iteration: | 2911; | Percent | complete: | 72.8%; | Average | loss: | 1.5233 |
| Iteration: | 2912; | Percent | complete: | 72.8%; | Average | loss: | 1.7097 |
| Iteration: | 2913; | Percent | complete: | 72.8%; | Average | loss: | 1.5009 |
| Iteration: | 2914; | Percent | complete: | 72.9%; | Average | loss: | 1.8345 |
| Iteration: | 2915; | Percent | complete: | 72.9%; | Average | loss: | 1.6566 |
| Iteration: | 2916; | Percent | complete: | 72.9%; | Average | loss: | 1.8414 |
| Iteration: | 2917; | Percent | complete: | 72.9%; | Average | loss: | 1.4719 |
| Iteration: | 2918; | Percent | complete: | 73.0%; | Average | loss: | 1.7252 |
| Iteration: | 2919; | Percent | complete: | 73.0%; | Average | loss: | 1.6676 |
| Iteration: | 2920; | Percent | complete: | 73.0%; | Average | loss: | 1.4552 |
| Iteration: | 2921; | Percent | complete: | 73.0%; | Average | loss: | 1.8098 |
| Iteration: | 2922; | Percent | complete: | 73.0%; | Average | loss: | 1.7505 |
| Iteration: | 2923; | Percent | complete: | 73.1%; | Average | loss: | 1.8480 |
| Iteration: | 2924; | Percent | complete: | 73.1%; | Average | loss: | 1.7025 |
| Iteration: | 2925; | Percent | complete: | 73.1%; | Average | loss: | 1.5607 |
| Iteration: | 2926; | Percent | complete: | 73.2%; | Average | loss: | 1.8283 |
| Iteration: | 2927; | Percent | complete: | 73.2%; | Average | loss: | 1.7313 |
| Iteration: | 2928; | Percent | complete: | 73.2%; | Average | loss: | 1.6402 |
| Iteration: | 2929; | Percent | complete: | 73.2%; | Average | loss: | 1.7157 |
| Iteration: | 2930; | Percent | complete: | 73.2%; | Average | loss: | 1.6639 |
| Iteration: | 2931; | Percent | complete: | 73.3%; | Average | loss: | 1.6215 |
| Iteration: | 2932; | Percent | complete: | 73.3%; | Average | loss: | 1.6966 |
| Iteration: | 2933; | Percent | complete: | 73.3%; | Average | loss: | 1.6927 |
| Iteration: | 2934; | Percent | complete: | 73.4%; | Average | loss: | 1.6407 |

|            |       |         |           |        |         |       |        |
|------------|-------|---------|-----------|--------|---------|-------|--------|
| Iteration: | 2962; | Percent | complete: | 74.1%; | Average | loss: | 1.7654 |
| Iteration: | 2963; | Percent | complete: | 74.1%; | Average | loss: | 1.7077 |
| Iteration: | 2964; | Percent | complete: | 74.1%; | Average | loss: | 1.8559 |
| Iteration: | 2965; | Percent | complete: | 74.1%; | Average | loss: | 1.4932 |
| Iteration: | 2966; | Percent | complete: | 74.2%; | Average | loss: | 1.4316 |
| Iteration: | 2967; | Percent | complete: | 74.2%; | Average | loss: | 1.8612 |
| Iteration: | 2968; | Percent | complete: | 74.2%; | Average | loss: | 1.7298 |
| Iteration: | 2969; | Percent | complete: | 74.2%; | Average | loss: | 1.5718 |
| Iteration: | 2970; | Percent | complete: | 74.2%; | Average | loss: | 1.5528 |
| Iteration: | 2971; | Percent | complete: | 74.3%; | Average | loss: | 1.5847 |
| Iteration: | 2972; | Percent | complete: | 74.3%; | Average | loss: | 1.7347 |
| Iteration: | 2973; | Percent | complete: | 74.3%; | Average | loss: | 1.5154 |
| Iteration: | 2974; | Percent | complete: | 74.4%; | Average | loss: | 1.5225 |
| Iteration: | 2975; | Percent | complete: | 74.4%; | Average | loss: | 1.6377 |
| Iteration: | 2976; | Percent | complete: | 74.4%; | Average | loss: | 2.0053 |
| Iteration: | 2977; | Percent | complete: | 74.4%; | Average | loss: | 2.0462 |
| Iteration: | 2978; | Percent | complete: | 74.5%; | Average | loss: | 1.6693 |
| Iteration: | 2979; | Percent | complete: | 74.5%; | Average | loss: | 1.7826 |
| Iteration: | 2980; | Percent | complete: | 74.5%; | Average | loss: | 1.7045 |
| Iteration: | 2981; | Percent | complete: | 74.5%; | Average | loss: | 1.7256 |
| Iteration: | 2982; | Percent | complete: | 74.6%; | Average | loss: | 1.5320 |
| Iteration: | 2983; | Percent | complete: | 74.6%; | Average | loss: | 1.4247 |
| Iteration: | 2984; | Percent | complete: | 74.6%; | Average | loss: | 1.8124 |
| Iteration: | 2985; | Percent | complete: | 74.6%; | Average | loss: | 1.7547 |
| Iteration: | 2986; | Percent | complete: | 74.7%; | Average | loss: | 1.7542 |
| Iteration: | 2987; | Percent | complete: | 74.7%; | Average | loss: | 1.5163 |
| Iteration: | 2988; | Percent | complete: | 74.7%; | Average | loss: | 1.8035 |
| Iteration: | 2989; | Percent | complete: | 74.7%; | Average | loss: | 1.6880 |
| Iteration: | 2990; | Percent | complete: | 74.8%; | Average | loss: | 1.5702 |
| Iteration: | 2991; | Percent | complete: | 74.8%; | Average | loss: | 1.8169 |
| Iteration: | 2992; | Percent | complete: | 74.8%; | Average | loss: | 1.5284 |
| Iteration: | 2993; | Percent | complete: | 74.8%; | Average | loss: | 1.5765 |
| Iteration: | 2994; | Percent | complete: | 74.9%; | Average | loss: | 1.7856 |
| Iteration: | 2995; | Percent | complete: | 74.9%; | Average | loss: | 1.6859 |
| Iteration: | 2996; | Percent | complete: | 74.9%; | Average | loss: | 1.3779 |
| Iteration: | 2997; | Percent | complete: | 74.9%; | Average | loss: | 1.7263 |
| Iteration: | 2998; | Percent | complete: | 75.0%; | Average | loss: | 1.7472 |
| Iteration: | 2999; | Percent | complete: | 75.0%; | Average | loss: | 1.5089 |
| Iteration: | 3000; | Percent | complete: | 75.0%; | Average | loss: | 1.4475 |
| Iteration: | 3001; | Percent | complete: | 75.0%; | Average | loss: | 1.6398 |
| Iteration: | 3002; | Percent | complete: | 75.0%; | Average | loss: | 1.8335 |
| Iteration: | 3003; | Percent | complete: | 75.1%; | Average | loss: | 1.4254 |
| Iteration: | 3004; | Percent | complete: | 75.1%; | Average | loss: | 1.5566 |
| Iteration: | 3005; | Percent | complete: | 75.1%; | Average | loss: | 1.6937 |
| Iteration: | 3006; | Percent | complete: | 75.1%; | Average | loss: | 1.7980 |
| Iteration: | 3007; | Percent | complete: | 75.2%; | Average | loss: | 1.6300 |
| Iteration: | 3008; | Percent | complete: | 75.2%; | Average | loss: | 1.5827 |
| Iteration: | 3009; | Percent | complete: | 75.2%; | Average | loss: | 1.6663 |
| Iteration: | 3010; | Percent | complete: | 75.2%; | Average | loss: | 1.6376 |
| Iteration: | 3011; | Percent | complete: | 75.3%; | Average | loss: | 1.5862 |
| Iteration: | 3012; | Percent | complete: | 75.3%; | Average | loss: | 1.5483 |
| Iteration: | 3013; | Percent | complete: | 75.3%; | Average | loss: | 1.7378 |
| Iteration: | 3014; | Percent | complete: | 75.3%; | Average | loss: | 1.7511 |
| Iteration: | 3015; | Percent | complete: | 75.4%; | Average | loss: | 1.8894 |
| Iteration: | 3016; | Percent | complete: | 75.4%; | Average | loss: | 1.6408 |
| Iteration: | 3017; | Percent | complete: | 75.4%; | Average | loss: | 1.5876 |
| Iteration: | 3018; | Percent | complete: | 75.4%; | Average | loss: | 1.6946 |
| Iteration: | 3019; | Percent | complete: | 75.5%; | Average | loss: | 1.6694 |
| Iteration: | 3020; | Percent | complete: | 75.5%; | Average | loss: | 1.7283 |
| Iteration: | 3021; | Percent | complete: | 75.5%; | Average | loss: | 1.7395 |
| Iteration: | 3022; | Percent | complete: | 75.5%; | Average | loss: | 1.8243 |
| Iteration: | 3023; | Percent | complete: | 75.6%; | Average | loss: | 1.6532 |
| Iteration: | 3024; | Percent | complete: | 75.6%; | Average | loss: | 1.5817 |
| Iteration: | 3025; | Percent | complete: | 75.6%; | Average | loss: | 1.7366 |



Iteration: 3144; Percent complete: 78.6%; Average loss: 1.5889  
Iteration: 3145; Percent complete: 78.6%; Average loss: 1.6145  
Iteration: 3146; Percent complete: 78.6%; Average loss: 1.6662  
Iteration: 3147; Percent complete: 78.7%; Average loss: 1.8112  
Iteration: 3148; Percent complete: 78.7%; Average loss: 1.6342  
Iteration: 3149; Percent complete: 78.7%; Average loss: 1.5896  
Iteration: 3150; Percent complete: 78.8%; Average loss: 1.6654  
Iteration: 3151; Percent complete: 78.8%; Average loss: 1.6475  
Iteration: 3152; Percent complete: 78.8%; Average loss: 1.4334  
Iteration: 3153; Percent complete: 78.8%; Average loss: 1.6600  
Iteration: 3154; Percent complete: 78.8%; Average loss: 1.6367  
Iteration: 3155; Percent complete: 78.9%; Average loss: 1.6138  
Iteration: 3156; Percent complete: 78.9%; Average loss: 1.8226  
Iteration: 3157; Percent complete: 78.9%; Average loss: 1.7076  
Iteration: 3158; Percent complete: 79.0%; Average loss: 1.4799  
Iteration: 3159; Percent complete: 79.0%; Average loss: 1.6736  
Iteration: 3160; Percent complete: 79.0%; Average loss: 1.6741  
Iteration: 3161; Percent complete: 79.0%; Average loss: 1.3940  
Iteration: 3162; Percent complete: 79.0%; Average loss: 1.6938  
Iteration: 3163; Percent complete: 79.1%; Average loss: 1.7649  
Iteration: 3164; Percent complete: 79.1%; Average loss: 2.0552  
Iteration: 3165; Percent complete: 79.1%; Average loss: 1.4039  
Iteration: 3166; Percent complete: 79.1%; Average loss: 1.5893  
Iteration: 3167; Percent complete: 79.2%; Average loss: 1.6096  
Iteration: 3168; Percent complete: 79.2%; Average loss: 1.5247  
Iteration: 3169; Percent complete: 79.2%; Average loss: 1.6761  
Iteration: 3170; Percent complete: 79.2%; Average loss: 1.5892  
Iteration: 3171; Percent complete: 79.3%; Average loss: 1.6483  
Iteration: 3172; Percent complete: 79.3%; Average loss: 1.6914  
Iteration: 3173; Percent complete: 79.3%; Average loss: 1.7569  
Iteration: 3174; Percent complete: 79.3%; Average loss: 1.6064  
Iteration: 3175; Percent complete: 79.4%; Average loss: 1.6381  
Iteration: 3176; Percent complete: 79.4%; Average loss: 1.4143  
Iteration: 3177; Percent complete: 79.4%; Average loss: 1.6019  
Iteration: 3178; Percent complete: 79.5%; Average loss: 1.5958  
Iteration: 3179; Percent complete: 79.5%; Average loss: 1.6786  
Iteration: 3180; Percent complete: 79.5%; Average loss: 1.6533  
Iteration: 3181; Percent complete: 79.5%; Average loss: 1.6422  
Iteration: 3182; Percent complete: 79.5%; Average loss: 1.7286  
Iteration: 3183; Percent complete: 79.6%; Average loss: 1.5157  
Iteration: 3184; Percent complete: 79.6%; Average loss: 1.9034  
Iteration: 3185; Percent complete: 79.6%; Average loss: 1.5840  
Iteration: 3186; Percent complete: 79.7%; Average loss: 1.9863  
Iteration: 3187; Percent complete: 79.7%; Average loss: 1.8532  
Iteration: 3188; Percent complete: 79.7%; Average loss: 1.5452  
Iteration: 3189; Percent complete: 79.7%; Average loss: 1.7787  
Iteration: 3190; Percent complete: 79.8%; Average loss: 1.6989  
Iteration: 3191; Percent complete: 79.8%; Average loss: 1.7934  
Iteration: 3192; Percent complete: 79.8%; Average loss: 1.4883  
Iteration: 3193; Percent complete: 79.8%; Average loss: 1.4845  
Iteration: 3194; Percent complete: 79.8%; Average loss: 1.6948  
Iteration: 3195; Percent complete: 79.9%; Average loss: 1.5412  
Iteration: 3196; Percent complete: 79.9%; Average loss: 1.7181  
Iteration: 3197; Percent complete: 79.9%; Average loss: 1.6227  
Iteration: 3198; Percent complete: 80.0%; Average loss: 1.5415  
Iteration: 3199; Percent complete: 80.0%; Average loss: 1.4487  
Iteration: 3200; Percent complete: 80.0%; Average loss: 1.5263  
Iteration: 3201; Percent complete: 80.0%; Average loss: 1.6822  
Iteration: 3202; Percent complete: 80.0%; Average loss: 1.6809  
Iteration: 3203; Percent complete: 80.1%; Average loss: 1.5220  
Iteration: 3204; Percent complete: 80.1%; Average loss: 1.3914  
Iteration: 3205; Percent complete: 80.1%; Average loss: 1.6569  
Iteration: 3206; Percent complete: 80.2%; Average loss: 1.5783  
Iteration: 3207; Percent complete: 80.2%; Average loss: 1.4137  
Iteration: 3208; Percent complete: 80.2%; Average loss: 1.5980  
Iteration: 3209; Percent complete: 80.2%; Average loss: 1.6337  
Iteration: 3210; Percent complete: 80.2%; Average loss: 1.6855  
Iteration: 3211; Percent complete: 80.3%; Average loss: 1.4825  
Iteration: 3212; Percent complete: 80.3%; Average loss: 1.4475  
Iteration: 3213; Percent complete: 80.3%; Average loss: 1.6539  
Iteration: 3214; Percent complete: 80.3%; Average loss: 1.8121  
Iteration: 3215; Percent complete: 80.4%; Average loss: 1.7873  
Iteration: 3216; Percent complete: 80.4%; Average loss: 1.5895  
Iteration: 3217; Percent complete: 80.4%; Average loss: 1.6351  
Iteration: 3218; Percent complete: 80.5%; Average loss: 1.5593  
Iteration: 3219; Percent complete: 80.5%; Average loss: 1.6602  
Iteration: 3220; Percent complete: 80.5%; Average loss: 1.6626  
Iteration: 3221; Percent complete: 80.5%; Average loss: 1.6521  
Iteration: 3222; Percent complete: 80.5%; Average loss: 1.6697  
Iteration: 3223; Percent complete: 80.6%; Average loss: 1.4898  
Iteration: 3224; Percent complete: 80.6%; Average loss: 1.5104  
Iteration: 3225; Percent complete: 80.6%; Average loss: 1.6702  
Iteration: 3226; Percent complete: 80.7%; Average loss: 1.7257  
Iteration: 3227; Percent complete: 80.7%; Average loss: 1.5694  
Iteration: 3228; Percent complete: 80.7%; Average loss: 1.5908  
Iteration: 3229; Percent complete: 80.7%; Average loss: 1.7628  
Iteration: 3230; Percent complete: 80.8%; Average loss: 1.7635  
Iteration: 3231; Percent complete: 80.8%; Average loss: 1.6942  
Iteration: 3232; Percent complete: 80.8%; Average loss: 1.6827  
Iteration: 3233; Percent complete: 80.8%; Average loss: 1.4357  
Iteration: 3234; Percent complete: 80.8%; Average loss: 1.5924  
Iteration: 3235; Percent complete: 80.9%; Average loss: 1.8539

|            |       |                   |        |               |        |
|------------|-------|-------------------|--------|---------------|--------|
| Iteration: | 3236; | Percent complete: | 80.9%; | Average loss: | 1.7354 |
| Iteration: | 3237; | Percent complete: | 80.9%; | Average loss: | 1.6145 |
| Iteration: | 3238; | Percent complete: | 81.0%; | Average loss: | 1.8051 |
| Iteration: | 3239; | Percent complete: | 81.0%; | Average loss: | 1.5431 |
| Iteration: | 3240; | Percent complete: | 81.0%; | Average loss: | 1.6479 |
| Iteration: | 3241; | Percent complete: | 81.0%; | Average loss: | 1.5197 |
| Iteration: | 3242; | Percent complete: | 81.0%; | Average loss: | 1.7289 |
| Iteration: | 3243; | Percent complete: | 81.1%; | Average loss: | 1.7030 |
| Iteration: | 3244; | Percent complete: | 81.1%; | Average loss: | 1.5427 |
| Iteration: | 3245; | Percent complete: | 81.1%; | Average loss: | 1.5812 |
| Iteration: | 3246; | Percent complete: | 81.2%; | Average loss: | 1.5843 |
| Iteration: | 3247; | Percent complete: | 81.2%; | Average loss: | 1.7137 |
| Iteration: | 3248; | Percent complete: | 81.2%; | Average loss: | 1.6035 |
| Iteration: | 3249; | Percent complete: | 81.2%; | Average loss: | 1.6836 |
| Iteration: | 3250; | Percent complete: | 81.2%; | Average loss: | 1.8099 |
| Iteration: | 3251; | Percent complete: | 81.3%; | Average loss: | 1.6944 |
| Iteration: | 3252; | Percent complete: | 81.3%; | Average loss: | 1.7211 |
| Iteration: | 3253; | Percent complete: | 81.3%; | Average loss: | 1.6089 |
| Iteration: | 3254; | Percent complete: | 81.3%; | Average loss: | 1.4924 |
| Iteration: | 3255; | Percent complete: | 81.4%; | Average loss: | 1.6959 |
| Iteration: | 3256; | Percent complete: | 81.4%; | Average loss: | 1.6307 |
| Iteration: | 3257; | Percent complete: | 81.4%; | Average loss: | 1.6498 |
| Iteration: | 3258; | Percent complete: | 81.5%; | Average loss: | 1.6399 |
| Iteration: | 3259; | Percent complete: | 81.5%; | Average loss: | 1.5021 |
| Iteration: | 3260; | Percent complete: | 81.5%; | Average loss: | 1.8447 |
| Iteration: | 3261; | Percent complete: | 81.5%; | Average loss: | 1.6323 |
| Iteration: | 3262; | Percent complete: | 81.5%; | Average loss: | 1.5694 |
| Iteration: | 3263; | Percent complete: | 81.6%; | Average loss: | 1.5338 |
| Iteration: | 3264; | Percent complete: | 81.6%; | Average loss: | 1.7530 |
| Iteration: | 3265; | Percent complete: | 81.6%; | Average loss: | 1.8297 |
| Iteration: | 3266; | Percent complete: | 81.7%; | Average loss: | 1.7075 |
| Iteration: | 3267; | Percent complete: | 81.7%; | Average loss: | 1.5726 |
| Iteration: | 3268; | Percent complete: | 81.7%; | Average loss: | 1.5732 |
| Iteration: | 3269; | Percent complete: | 81.7%; | Average loss: | 1.5374 |
| Iteration: | 3270; | Percent complete: | 81.8%; | Average loss: | 1.3551 |
| Iteration: | 3271; | Percent complete: | 81.8%; | Average loss: | 1.5974 |
| Iteration: | 3272; | Percent complete: | 81.8%; | Average loss: | 1.5941 |
| Iteration: | 3273; | Percent complete: | 81.8%; | Average loss: | 1.7258 |
| Iteration: | 3274; | Percent complete: | 81.8%; | Average loss: | 1.5456 |
| Iteration: | 3275; | Percent complete: | 81.9%; | Average loss: | 1.5673 |
| Iteration: | 3276; | Percent complete: | 81.9%; | Average loss: | 1.5969 |
| Iteration: | 3277; | Percent complete: | 81.9%; | Average loss: | 1.6537 |
| Iteration: | 3278; | Percent complete: | 82.0%; | Average loss: | 1.5656 |
| Iteration: | 3279; | Percent complete: | 82.0%; | Average loss: | 1.6873 |
| Iteration: | 3280; | Percent complete: | 82.0%; | Average loss: | 1.6920 |
| Iteration: | 3281; | Percent complete: | 82.0%; | Average loss: | 1.9052 |
| Iteration: | 3282; | Percent complete: | 82.0%; | Average loss: | 1.7773 |
| Iteration: | 3283; | Percent complete: | 82.1%; | Average loss: | 1.6011 |
| Iteration: | 3284; | Percent complete: | 82.1%; | Average loss: | 1.6887 |
| Iteration: | 3285; | Percent complete: | 82.1%; | Average loss: | 1.6226 |
| Iteration: | 3286; | Percent complete: | 82.2%; | Average loss: | 1.7045 |
| Iteration: | 3287; | Percent complete: | 82.2%; | Average loss: | 1.6023 |
| Iteration: | 3288; | Percent complete: | 82.2%; | Average loss: | 1.7306 |
| Iteration: | 3289; | Percent complete: | 82.2%; | Average loss: | 1.5965 |
| Iteration: | 3290; | Percent complete: | 82.2%; | Average loss: | 1.8066 |
| Iteration: | 3291; | Percent complete: | 82.3%; | Average loss: | 1.4842 |
| Iteration: | 3292; | Percent complete: | 82.3%; | Average loss: | 1.7105 |
| Iteration: | 3293; | Percent complete: | 82.3%; | Average loss: | 1.9574 |
| Iteration: | 3294; | Percent complete: | 82.3%; | Average loss: | 1.5720 |
| Iteration: | 3295; | Percent complete: | 82.4%; | Average loss: | 1.7044 |
| Iteration: | 3296; | Percent complete: | 82.4%; | Average loss: | 1.5211 |
| Iteration: | 3297; | Percent complete: | 82.4%; | Average loss: | 1.5816 |
| Iteration: | 3298; | Percent complete: | 82.5%; | Average loss: | 1.7226 |
| Iteration: | 3299; | Percent complete: | 82.5%; | Average loss: | 1.6136 |
| Iteration: | 3300; | Percent complete: | 82.5%; | Average loss: | 1.4923 |
| Iteration: | 3301; | Percent complete: | 82.5%; | Average loss: | 1.6749 |
| Iteration: | 3302; | Percent complete: | 82.5%; | Average loss: | 1.6746 |
| Iteration: | 3303; | Percent complete: | 82.6%; | Average loss: | 1.5731 |
| Iteration: | 3304; | Percent complete: | 82.6%; | Average loss: | 1.5936 |
| Iteration: | 3305; | Percent complete: | 82.6%; | Average loss: | 1.7880 |
| Iteration: | 3306; | Percent complete: | 82.7%; | Average loss: | 1.4249 |
| Iteration: | 3307; | Percent complete: | 82.7%; | Average loss: | 1.5470 |
| Iteration: | 3308; | Percent complete: | 82.7%; | Average loss: | 1.7592 |
| Iteration: | 3309; | Percent complete: | 82.7%; | Average loss: | 1.8871 |
| Iteration: | 3310; | Percent complete: | 82.8%; | Average loss: | 1.5946 |
| Iteration: | 3311; | Percent complete: | 82.8%; | Average loss: | 1      |



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|            |       |                   |        |               |        |
|------------|-------|-------------------|--------|---------------|--------|
| Iteration: | 3601; | Percent complete: | 90.0%; | Average loss: | 1.7733 |
| Iteration: | 3602; | Percent complete: | 90.0%; | Average loss: | 1.6721 |
| Iteration: | 3603; | Percent complete: | 90.1%; | Average loss: | 1.6750 |
| Iteration: | 3604; | Percent complete: | 90.1%; | Average loss: | 1.8669 |
| Iteration: | 3605; | Percent complete: | 90.1%; | Average loss: | 1.5496 |
| Iteration: | 3606; | Percent complete: | 90.1%; | Average loss: | 1.6445 |
| Iteration: | 3607; | Percent complete: | 90.2%; | Average loss: | 1.7046 |
| Iteration: | 3608; | Percent complete: | 90.2%; | Average loss: | 1.6387 |
| Iteration: | 3609; | Percent complete: | 90.2%; | Average loss: | 1.5753 |
| Iteration: | 3610; | Percent complete: | 90.2%; | Average loss: | 1.5349 |
| Iteration: | 3611; | Percent complete: | 90.3%; | Average loss: | 1.6523 |
| Iteration: | 3612; | Percent complete: | 90.3%; | Average loss: | 1.6915 |
| Iteration: | 3613; | Percent complete: | 90.3%; | Average loss: | 1.5348 |
| Iteration: | 3614; | Percent complete: | 90.3%; | Average loss: | 1.7097 |
| Iteration: | 3615; | Percent complete: | 90.4%; | Average loss: | 1.6489 |
| Iteration: | 3616; | Percent complete: | 90.4%; | Average loss: | 1.5207 |
| Iteration: | 3617; | Percent complete: | 90.4%; | Average loss: | 1.6638 |
| Iteration: | 3618; | Percent complete: | 90.5%; | Average loss: | 1.6971 |
| Iteration: | 3619; | Percent complete: | 90.5%; | Average loss: | 1.4366 |
| Iteration: | 3620; | Percent complete: | 90.5%; | Average loss: | 1.4296 |
| Iteration: | 3621; | Percent complete: | 90.5%; | Average loss: | 1.5771 |
| Iteration: | 3622; | Percent complete: | 90.5%; | Average loss: | 1.8052 |
| Iteration: | 3623; | Percent complete: | 90.6%; | Average loss: | 1.7126 |
| Iteration: | 3624; | Percent complete: | 90.6%; | Average loss: | 1.6129 |
| Iteration: | 3625; | Percent complete: | 90.6%; | Average loss: | 1.6674 |
| Iteration: | 3626; | Percent complete: | 90.6%; | Average loss: | 1.4632 |
| Iteration: | 3627; | Percent complete: | 90.7%; | Average loss: | 1.3243 |
| Iteration: | 3628; | Percent complete: | 90.7%; | Average loss: | 1.6871 |
| Iteration: | 3629; | Percent complete: | 90.7%; | Average loss: | 1.5691 |
| Iteration: | 3630; | Percent complete: | 90.8%; | Average loss: | 1.4505 |
| Iteration: | 3631; | Percent complete: | 90.8%; | Average loss: | 1.6393 |
| Iteration: | 3632; | Percent complete: | 90.8%; | Average loss: | 1.4325 |
| Iteration: | 3633; | Percent complete: | 90.8%; | Average loss: | 1.7606 |
| Iteration: | 3634; | Percent complete: | 90.8%; | Average loss: | 1.5642 |
| Iteration: | 3635; | Percent complete: | 90.9%; | Average loss: | 1.7197 |
| Iteration: | 3636; | Percent complete: | 90.9%; | Average loss: | 1.6929 |
| Iteration: | 3637; | Percent complete: | 90.9%; | Average loss: | 1.4025 |
| Iteration: | 3638; | Percent complete: | 91.0%; | Average loss: | 1.8276 |
| Iteration: | 3639; | Percent complete: | 91.0%; | Average loss: | 1.6345 |
| Iteration: | 3640; | Percent complete: | 91.0%; | Average loss: | 1.7022 |
| Iteration: | 3641; | Percent complete: | 91.0%; | Average loss: | 1.3358 |
| Iteration: | 3642; | Percent complete: | 91.0%; | Average loss: | 1.4985 |
| Iteration: | 3643; | Percent complete: | 91.1%; | Average loss: | 1.6034 |
| Iteration: | 3644; | Percent complete: | 91.1%; | Average loss: | 1.7893 |
| Iteration: | 3645; | Percent complete: | 91.1%; | Average loss: | 1.6601 |
| Iteration: | 3646; | Percent complete: | 91.1%; | Average loss: | 1.6613 |
| Iteration: | 3647; | Percent complete: | 91.2%; | Average loss: | 1.6795 |
| Iteration: | 3648; | Percent complete: | 91.2%; | Average loss: | 1.5826 |
| Iteration: | 3649; | Percent complete: | 91.2%; | Average loss: | 1.8322 |
| Iteration: | 3650; | Percent complete: | 91.2%; | Average loss: | 1.6535 |
| Iteration: | 3651; | Percent complete: | 91.3%; | Average loss: | 1.7335 |
| Iteration: | 3652; | Percent complete: | 91.3%; | Average loss: | 1.5890 |
| Iteration: | 3653; | Percent complete: | 91.3%; | Average loss: | 1.6347 |
| Iteration: | 3654; | Percent complete: | 91.3%; | Average loss: | 1.5416 |
| Iteration: | 3655; | Percent complete: | 91.4%; | Average loss: | 1.6977 |
| Iteration: | 3656; | Percent complete: | 91.4%; | Average loss: | 1.7741 |
| Iteration: | 3657; | Percent complete: | 91.4%; | Average loss: | 1.6667 |
| Iteration: | 3658; | Percent complete: | 91.5%; | Average loss: | 1.6349 |
| Iteration: | 3659; | Percent complete: | 91.5%; | Average loss: | 1.4749 |
| Iteration: | 3660; | Percent complete: | 91.5%; | Average loss: | 1.4595 |
| Iteration: | 3661; | Percent complete: | 91.5%; | Average loss: | 1.8587 |
| Iteration: | 3662; | Percent complete: | 91.5%; | Average loss: | 1.5847 |
| Iteration: | 3663; | Percent complete: | 91.6%; | Average loss: | 1.5906 |
| Iteration: | 3664; | Percent complete: | 91.6%; | Average loss: | 1.5522 |
| Iteration: | 3665; | Percent complete: | 91.6%; | Average loss: | 1.5550 |
| Iteration: | 3666; | Percent complete: | 91.6%; | Average loss: | 1.6441 |
| Iteration: | 3667; | Percent complete: | 91.7%; | Average loss: | 1.6250 |
| Iteration: | 3668; | Percent complete: | 91.7%; | Average loss: | 1.7560 |
| Iteration: | 3669; | Percent complete: | 91.7%; | Average loss: | 1.5467 |
| Iteration: | 3670; | Percent complete: | 91.8%; | Average loss: | 1.5847 |
| Iteration: | 3671; | Percent complete: | 91.8%; | Average loss: | 1.9149 |
| Iteration: | 3672; | Percent complete: | 91.8%; | Average loss: | 1.6239 |
| Iteration: | 3673; | Percent complete: | 91.8%; | Average loss: | 1.4876 |
| Iteration: | 3674; | Percent complete: | 91.8%; | Average loss: | 1.4698 |
| Iteration: | 3675; | Percent complete: | 91.9%; | Average loss: | 1.7464 |
| Iteration: | 3676; | Percent complete: | 91.9%; | Average loss: | 1      |

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Iteration: 3966; Percent complete: 99.2%; Average loss: 1.6047  
Iteration: 3967; Percent complete: 99.2%; Average loss: 1.6016  
Iteration: 3968; Percent complete: 99.2%; Average loss: 1.5204  
Iteration: 3969; Percent complete: 99.2%; Average loss: 1.5598  
Iteration: 3970; Percent complete: 99.2%; Average loss: 1.5989  
Iteration: 3971; Percent complete: 99.3%; Average loss: 1.5615  
Iteration: 3972; Percent complete: 99.3%; Average loss: 1.7842  
Iteration: 3973; Percent complete: 99.3%; Average loss: 1.5664  
Iteration: 3974; Percent complete: 99.4%; Average loss: 1.5047  
Iteration: 3975; Percent complete: 99.4%; Average loss: 1.7083  
Iteration: 3976; Percent complete: 99.4%; Average loss: 1.7072  
Iteration: 3977; Percent complete: 99.4%; Average loss: 1.6496  
Iteration: 3978; Percent complete: 99.5%; Average loss: 1.6539  
Iteration: 3979; Percent complete: 99.5%; Average loss: 1.6452  
Iteration: 3980; Percent complete: 99.5%; Average loss: 1.5560  
Iteration: 3981; Percent complete: 99.5%; Average loss: 1.6920  
Iteration: 3982; Percent complete: 99.6%; Average loss: 1.7439  
Iteration: 3983; Percent complete: 99.6%; Average loss: 1.6726  
Iteration: 3984; Percent complete: 99.6%; Average loss: 1.6198  
Iteration: 3985; Percent complete: 99.6%; Average loss: 1.7197  
Iteration: 3986; Percent complete: 99.7%; Average loss: 1.6498  
Iteration: 3987; Percent complete: 99.7%; Average loss: 1.6335  
Iteration: 3988; Percent complete: 99.7%; Average loss: 1.4961  
Iteration: 3989; Percent complete: 99.7%; Average loss: 1.5744  
Iteration: 3990; Percent complete: 99.8%; Average loss: 1.5773  
Iteration: 3991; Percent complete: 99.8%; Average loss: 1.7360  
Iteration: 3992; Percent complete: 99.8%; Average loss: 1.6903  
Iteration: 3993; Percent complete: 99.8%; Average loss: 1.8446  
Iteration: 3994; Percent complete: 99.9%; Average loss: 1.3925  
Iteration: 3995; Percent complete: 99.9%; Average loss: 1.5692  
Iteration: 3996; Percent complete: 99.9%; Average loss: 1.6069  
Iteration: 3997; Percent complete: 99.9%; Average loss: 1.4049  
Iteration: 3998; Percent complete: 100.0%; Average loss: 1.6089  
Iteration: 3999; Percent complete: 100.0%; Average loss: 1.6001  
Iteration: 4000; Percent complete: 100.0%; Average loss: 1.3408

## Run history:

batch loss   
epoch —  
loss —

## Run summary:

batch loss 1.34085  
epoch 6  
loss 1.6906

View run **splendid-sweep-6** at: <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps/runs/md51tsdh>

View project at: <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps>

Synced 5 W&B file(s), 0 media file(s), 0 artifact file(s) and 0 other file(s)

Find logs at: ./wandb/run-20250928\_213407-md51tsdh/logs

**wandb:** Agent Starting Run: l0igbf1s with config:

**wandb:** clip: 100

**wandb:** decoder\_learning\_ratio: 3

**wandb:** learning\_rate: 0.00025

**wandb:** optimizer: sgd

**wandb:** teacher\_forcing\_ratio: 0

Tracking run with wandb version 0.22.0

Run data is saved locally in /content/wandb/run-20250928\_213734-l0igbf1s

Syncing run **morning-sweep-7** to [Weights & Biases \(docs\)](#)

Sweep page: <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps/sweeps/jvrgq7ty>

View project at <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps>

View sweep at <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps/sweeps/jvrgq7ty>

View run at <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps/runs/l0igbf1s>

Building optimizers ...

Starting Training!

Initializing ...

Training...

Iteration: 1; Percent complete: 0.0%; Average loss: 1.6206

Iteration: 2; Percent complete: 0.1%; Average loss: 1.7800

Iteration: 3; Percent complete: 0.1%; Average loss: 1.6849

Iteration: 4; Percent complete: 0.1%; Average loss: 1.7605

Iteration: 5; Percent complete: 0.1%; Average loss: 1.7286

Iteration: 6; Percent complete: 0.1%; Average loss: 1.8407

Iteration: 7; Percent complete: 0.2%; Average loss: 1.5031

Iteration: 8; Percent complete: 0.2%; Average loss: 1.7502

Iteration: 9; Percent complete: 0.2%; Average loss: 1.5809

Iteration: 10; Percent complete: 0.2%; Average loss: 1.6230

Iteration: 11; Percent complete: 0.3%; Average loss: 1.6768

Iteration: 12; Percent complete: 0.3%; Average loss: 1.5811

Iteration: 13; Percent complete: 0.3%; Average loss: 1.6332

Iteration: 14; Percent complete: 0.4%; Average loss: 1.8126

Iteration: 15; Percent complete: 0.4%; Average loss: 1.4926

Iteration: 16; Percent complete: 0.4%; Average loss: 1.7799

Iteration: 17; Percent complete: 0.4%; Average loss: 1.6367



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Iteration: 109; Percent complete: 2.7%; Average loss: 1.4354  
Iteration: 110; Percent complete: 2.8%; Average loss: 1.9650  
Iteration: 111; Percent complete: 2.8%; Average loss: 1.6605  
Iteration: 112; Percent complete: 2.8%; Average loss: 1.6961  
Iteration: 113; Percent complete: 2.8%; Average loss: 1.5304  
Iteration: 114; Percent complete: 2.9%; Average loss: 1.5916  
Iteration: 115; Percent complete: 2.9%; Average loss: 1.6714  
Iteration: 116; Percent complete: 2.9%; Average loss: 1.5647  
Iteration: 117; Percent complete: 2.9%; Average loss: 1.5974  
Iteration: 118; Percent complete: 2.9%; Average loss: 1.5708  
Iteration: 119; Percent complete: 3.0%; Average loss: 1.5993  
Iteration: 120; Percent complete: 3.0%; Average loss: 1.8205  
Iteration: 121; Percent complete: 3.0%; Average loss: 1.6989  
Iteration: 122; Percent complete: 3.0%; Average loss: 1.4668  
Iteration: 123; Percent complete: 3.1%; Average loss: 1.4332  
Iteration: 124; Percent complete: 3.1%; Average loss: 1.7513  
Iteration: 125; Percent complete: 3.1%; Average loss: 1.7149  
Iteration: 126; Percent complete: 3.1%; Average loss: 1.4947  
Iteration: 127; Percent complete: 3.2%; Average loss: 1.7318  
Iteration: 128; Percent complete: 3.2%; Average loss: 1.6287  
Iteration: 129; Percent complete: 3.2%; Average loss: 1.6355  
Iteration: 130; Percent complete: 3.2%; Average loss: 1.6390  
Iteration: 131; Percent complete: 3.3%; Average loss: 1.4727  
Iteration: 132; Percent complete: 3.3%; Average loss: 1.5877  
Iteration: 133; Percent complete: 3.3%; Average loss: 1.4009  
Iteration: 134; Percent complete: 3.4%; Average loss: 1.6402  
Iteration: 135; Percent complete: 3.4%; Average loss: 1.7123  
Iteration: 136; Percent complete: 3.4%; Average loss: 1.7423  
Iteration: 137; Percent complete: 3.4%; Average loss: 1.7038  
Iteration: 138; Percent complete: 3.5%; Average loss: 1.6353  
Iteration: 139; Percent complete: 3.5%; Average loss: 1.6366  
Iteration: 140; Percent complete: 3.5%; Average loss: 1.4965  
Iteration: 141; Percent complete: 3.5%; Average loss: 1.7795  
Iteration: 142; Percent complete: 3.5%; Average loss: 1.7303  
Iteration: 143; Percent complete: 3.6%; Average loss: 1.7252  
Iteration: 144; Percent complete: 3.6%; Average loss: 1.6613  
Iteration: 145; Percent complete: 3.6%; Average loss: 1.5263  
Iteration: 146; Percent complete: 3.6%; Average loss: 1.4369  
Iteration: 147; Percent complete: 3.7%; Average loss: 1.6864  
Iteration: 148; Percent complete: 3.7%; Average loss: 1.5325  
Iteration: 149; Percent complete: 3.7%; Average loss: 1.5384  
Iteration: 150; Percent complete: 3.8%; Average loss: 1.8362  
Iteration: 151; Percent complete: 3.8%; Average loss: 1.7443  
Iteration: 152; Percent complete: 3.8%; Average loss: 1.7262  
Iteration: 153; Percent complete: 3.8%; Average loss: 1.5865  
Iteration: 154; Percent complete: 3.9%; Average loss: 1.5868  
Iteration: 155; Percent complete: 3.9%; Average loss: 1.8151  
Iteration: 156; Percent complete: 3.9%; Average loss: 1.4177  
Iteration: 157; Percent complete: 3.9%; Average loss: 1.5297  
Iteration: 158; Percent complete: 4.0%; Average loss: 1.7153  
Iteration: 159; Percent complete: 4.0%; Average loss: 1.4577  
Iteration: 160; Percent complete: 4.0%; Average loss: 1.6586  
Iteration: 161; Percent complete: 4.0%; Average loss: 1.7214  
Iteration: 162; Percent complete: 4.0%; Average loss: 1.4733  
Iteration: 163; Percent complete: 4.1%; Average loss: 1.6816  
Iteration: 164; Percent complete: 4.1%; Average loss: 1.5863  
Iteration: 165; Percent complete: 4.1%; Average loss: 1.5398  
Iteration: 166; Percent complete: 4.2%; Average loss: 1.4151  
Iteration: 167; Percent complete: 4.2%; Average loss: 1.5508  
Iteration: 168; Percent complete: 4.2%; Average loss: 1.6329  
Iteration: 169; Percent complete: 4.2%; Average loss: 1.6248  
Iteration: 170; Percent complete: 4.2%; Average loss: 1.6318  
Iteration: 171; Percent complete: 4.3%; Average loss: 1.2997  
Iteration: 172; Percent complete: 4.3%; Average loss: 1.5831  
Iteration: 173; Percent complete: 4.3%; Average loss: 1.6053  
Iteration: 174; Percent complete: 4.3%; Average loss: 1.6405  
Iteration: 175; Percent complete: 4.4%; Average loss: 1.4538  
Iteration: 176; Percent complete: 4.4%; Average loss: 1.9339  
Iteration: 177; Percent complete: 4.4%; Average loss: 1.4761  
Iteration: 178; Percent complete: 4.5%; Average loss: 1.5996  
Iteration: 179; Percent complete: 4.5%; Average loss: 1.5497  
Iteration: 180; Percent complete: 4.5%; Average loss: 1.4954  
Iteration: 181; Percent complete: 4.5%; Average loss: 1.5403  
Iteration: 182; Percent complete: 4.5%; Average loss: 1.5325  
Iteration: 183; Percent complete: 4.6%; Average loss: 1.5358  
Iteration: 184; Percent complete: 4.6%; Average loss: 1.5708  
Iteration: 185; Percent complete: 4.6%; Average loss: 1.7753  
Iteration: 186; Percent complete: 4.7%; Average loss: 1.6454  
Iteration: 187; Percent complete: 4.7%; Average loss: 1.4898  
Iteration: 188; Percent complete: 4.7%; Average loss: 1.4053  
Iteration: 189; Percent complete: 4.7%; Average loss: 1.5702  
Iteration: 190; Percent complete: 4.8%; Average loss: 1.6484  
Iteration: 191; Percent complete: 4.8%; Average loss: 1.5393  
Iteration: 192; Percent complete: 4.8%; Average loss: 1.5272  
Iteration: 193; Percent complete: 4.8%; Average loss: 1.5677  
Iteration: 194; Percent complete: 4.9%; Average loss: 1.6883  
Iteration: 195; Percent complete: 4.9%; Average loss: 1.6184  
Iteration: 196; Percent complete: 4.9%; Average loss: 1.6724  
Iteration: 197; Percent complete: 4.9%; Average loss: 1.6902  
Iteration: 198; Percent complete: 5.0%; Average loss: 1.3982  
Iteration: 199; Percent complete: 5.0%; Average loss: 1.5331

Iteration: 200; Percent complete: 5.0%; Average loss: 1.7255  
Iteration: 201; Percent complete: 5.0%; Average loss: 1.5294  
Iteration: 202; Percent complete: 5.1%; Average loss: 1.7244  
Iteration: 203; Percent complete: 5.1%; Average loss: 1.4929  
Iteration: 204; Percent complete: 5.1%; Average loss: 1.5197  
Iteration: 205; Percent complete: 5.1%; Average loss: 1.7363  
Iteration: 206; Percent complete: 5.1%; Average loss: 1.6777  
Iteration: 207; Percent complete: 5.2%; Average loss: 1.6477  
Iteration: 208; Percent complete: 5.2%; Average loss: 1.6956  
Iteration: 209; Percent complete: 5.2%; Average loss: 1.5713  
Iteration: 210; Percent complete: 5.2%; Average loss: 1.7928  
Iteration: 211; Percent complete: 5.3%; Average loss: 1.5239  
Iteration: 212; Percent complete: 5.3%; Average loss: 1.6659  
Iteration: 213; Percent complete: 5.3%; Average loss: 1.7186  
Iteration: 214; Percent complete: 5.3%; Average loss: 1.7792  
Iteration: 215; Percent complete: 5.4%; Average loss: 1.6251  
Iteration: 216; Percent complete: 5.4%; Average loss: 1.8314  
Iteration: 217; Percent complete: 5.4%; Average loss: 1.6567  
Iteration: 218; Percent complete: 5.5%; Average loss: 1.6954  
Iteration: 219; Percent complete: 5.5%; Average loss: 1.8030  
Iteration: 220; Percent complete: 5.5%; Average loss: 1.6706  
Iteration: 221; Percent complete: 5.5%; Average loss: 1.5483  
Iteration: 222; Percent complete: 5.5%; Average loss: 1.6453  
Iteration: 223; Percent complete: 5.6%; Average loss: 1.5776  
Iteration: 224; Percent complete: 5.6%; Average loss: 1.4531  
Iteration: 225; Percent complete: 5.6%; Average loss: 1.5169  
Iteration: 226; Percent complete: 5.7%; Average loss: 1.7006  
Iteration: 227; Percent complete: 5.7%; Average loss: 1.5180  
Iteration: 228; Percent complete: 5.7%; Average loss: 1.8089  
Iteration: 229; Percent complete: 5.7%; Average loss: 1.6417  
Iteration: 230; Percent complete: 5.8%; Average loss: 1.5864  
Iteration: 231; Percent complete: 5.8%; Average loss: 1.6365  
Iteration: 232; Percent complete: 5.8%; Average loss: 1.9058  
Iteration: 233; Percent complete: 5.8%; Average loss: 1.6260  
Iteration: 234; Percent complete: 5.9%; Average loss: 1.6812  
Iteration: 235; Percent complete: 5.9%; Average loss: 1.8551  
Iteration: 236; Percent complete: 5.9%; Average loss: 1.6565  
Iteration: 237; Percent complete: 5.9%; Average loss: 1.5395  
Iteration: 238; Percent complete: 5.9%; Average loss: 1.7663  
Iteration: 239; Percent complete: 6.0%; Average loss: 1.4661  
Iteration: 240; Percent complete: 6.0%; Average loss: 1.4674  
Iteration: 241; Percent complete: 6.0%; Average loss: 1.6663  
Iteration: 242; Percent complete: 6.0%; Average loss: 1.5382  
Iteration: 243; Percent complete: 6.1%; Average loss: 1.5340  
Iteration: 244; Percent complete: 6.1%; Average loss: 1.5419  
Iteration: 245; Percent complete: 6.1%; Average loss: 1.8312  
Iteration: 246; Percent complete: 6.2%; Average loss: 1.7086  
Iteration: 247; Percent complete: 6.2%; Average loss: 1.4897  
Iteration: 248; Percent complete: 6.2%; Average loss: 1.6116  
Iteration: 249; Percent complete: 6.2%; Average loss: 1.6383  
Iteration: 250; Percent complete: 6.2%; Average loss: 1.5796  
Iteration: 251; Percent complete: 6.3%; Average loss: 1.6653  
Iteration: 252; Percent complete: 6.3%; Average loss: 1.6867  
Iteration: 253; Percent complete: 6.3%; Average loss: 1.4561  
Iteration: 254; Percent complete: 6.3%; Average loss: 1.4828  
Iteration: 255; Percent complete: 6.4%; Average loss: 1.4665  
Iteration: 256; Percent complete: 6.4%; Average loss: 1.9045  
Iteration: 257; Percent complete: 6.4%; Average loss: 1.6828  
Iteration: 258; Percent complete: 6.5%; Average loss: 1.4234  
Iteration: 259; Percent complete: 6.5%; Average loss: 1.7285  
Iteration: 260; Percent complete: 6.5%; Average loss: 1.6373  
Iteration: 261; Percent complete: 6.5%; Average loss: 1.6666  
Iteration: 262; Percent complete: 6.6%; Average loss: 1.5803  
Iteration: 263; Percent complete: 6.6%; Average loss: 1.6877  
Iteration: 264; Percent complete: 6.6%; Average loss: 1.7589  
Iteration: 265; Percent complete: 6.6%; Average loss: 1.6071  
Iteration: 266; Percent complete: 6.7%; Average loss: 1.5112  
Iteration: 267; Percent complete: 6.7%; Average loss: 1.7484  
Iteration: 268; Percent complete: 6.7%; Average loss: 1.6263  
Iteration: 269; Percent complete: 6.7%; Average loss: 1.5698  
Iteration: 270; Percent complete: 6.8%; Average loss: 1.6187  
Iteration: 271; Percent complete: 6.8%; Average loss: 1.6165  
Iteration: 272; Percent complete: 6.8%; Average loss: 1.6560  
Iteration: 273; Percent complete: 6.8%; Average loss: 1.5141  
Iteration: 274; Percent complete: 6.9%; Average loss: 1.8542  
Iteration: 275; Percent complete: 6.9%; Average loss: 1.6687  
Iteration: 276; Percent complete: 6.9%; Average loss: 1.6828  
Iteration: 277; Percent complete: 6.9%; Average loss: 1.7416  
Iteration: 278; Percent complete: 7.0%; Average loss: 1.5991  
Iteration: 279; Percent complete: 7.0%; Average loss: 1.5810  
Iteration: 280; Percent complete: 7.0%; Average loss: 1.8246  
Iteration: 281; Percent complete: 7.0%; Average loss: 1.6463  
Iteration: 282; Percent complete: 7.0%; Average loss: 1.5864  
Iteration: 283; Percent complete: 7.1%; Average loss: 1.5024  
Iteration: 284; Percent complete: 7.1%; Average loss: 1.6535  
Iteration: 285; Percent complete: 7.1%; Average loss: 1.6386  
Iteration: 286; Percent complete: 7.1%; Average loss: 1.4801  
Iteration: 287; Percent complete: 7.2%; Average loss: 1.6287  
Iteration: 288; Percent complete: 7.2%; Average loss: 1.8402  
Iteration: 289; Percent complete: 7.2%; Average loss: 1.6725  
Iteration: 290; Percent complete: 7.2%; Average loss: 1.7272  
Iteration: 291; Percent complete: 7.2%; Average loss: 1.4206

Iteration: 291; Percent complete: 7.3%; Average loss: 1.4290  
Iteration: 292; Percent complete: 7.3%; Average loss: 1.7352  
Iteration: 293; Percent complete: 7.3%; Average loss: 1.4210  
Iteration: 294; Percent complete: 7.3%; Average loss: 1.4904  
Iteration: 295; Percent complete: 7.4%; Average loss: 1.6489  
Iteration: 296; Percent complete: 7.4%; Average loss: 1.5014  
Iteration: 297; Percent complete: 7.4%; Average loss: 1.5662  
Iteration: 298; Percent complete: 7.4%; Average loss: 1.5662  
Iteration: 299; Percent complete: 7.5%; Average loss: 1.6860  
Iteration: 300; Percent complete: 7.5%; Average loss: 1.5499  
Iteration: 301; Percent complete: 7.5%; Average loss: 1.5871  
Iteration: 302; Percent complete: 7.5%; Average loss: 1.6088  
Iteration: 303; Percent complete: 7.6%; Average loss: 1.5319  
Iteration: 304; Percent complete: 7.6%; Average loss: 1.6461  
Iteration: 305; Percent complete: 7.6%; Average loss: 1.5836  
Iteration: 306; Percent complete: 7.6%; Average loss: 1.6449  
Iteration: 307; Percent complete: 7.7%; Average loss: 1.6598  
Iteration: 308; Percent complete: 7.7%; Average loss: 1.6937  
Iteration: 309; Percent complete: 7.7%; Average loss: 1.6386  
Iteration: 310; Percent complete: 7.8%; Average loss: 1.5667  
Iteration: 311; Percent complete: 7.8%; Average loss: 1.5901  
Iteration: 312; Percent complete: 7.8%; Average loss: 1.7447  
Iteration: 313; Percent complete: 7.8%; Average loss: 1.7202  
Iteration: 314; Percent complete: 7.8%; Average loss: 1.5272  
Iteration: 315; Percent complete: 7.9%; Average loss: 1.5041  
Iteration: 316; Percent complete: 7.9%; Average loss: 1.9316  
Iteration: 317; Percent complete: 7.9%; Average loss: 1.7147  
Iteration: 318; Percent complete: 8.0%; Average loss: 1.5612  
Iteration: 319; Percent complete: 8.0%; Average loss: 1.8323  
Iteration: 320; Percent complete: 8.0%; Average loss: 1.5614  
Iteration: 321; Percent complete: 8.0%; Average loss: 1.6483  
Iteration: 322; Percent complete: 8.1%; Average loss: 1.4262  
Iteration: 323; Percent complete: 8.1%; Average loss: 1.6880  
Iteration: 324; Percent complete: 8.1%; Average loss: 1.5034  
Iteration: 325; Percent complete: 8.1%; Average loss: 1.6259  
Iteration: 326; Percent complete: 8.2%; Average loss: 1.3778  
Iteration: 327; Percent complete: 8.2%; Average loss: 1.5752  
Iteration: 328; Percent complete: 8.2%; Average loss: 1.5374  
Iteration: 329; Percent complete: 8.2%; Average loss: 1.5245  
Iteration: 330; Percent complete: 8.2%; Average loss: 1.3963  
Iteration: 331; Percent complete: 8.3%; Average loss: 1.8093  
Iteration: 332; Percent complete: 8.3%; Average loss: 1.6492  
Iteration: 333; Percent complete: 8.3%; Average loss: 1.5096  
Iteration: 334; Percent complete: 8.3%; Average loss: 1.6368  
Iteration: 335; Percent complete: 8.4%; Average loss: 1.5484  
Iteration: 336; Percent complete: 8.4%; Average loss: 1.6224  
Iteration: 337; Percent complete: 8.4%; Average loss: 1.5574  
Iteration: 338; Percent complete: 8.5%; Average loss: 1.6249  
Iteration: 339; Percent complete: 8.5%; Average loss: 1.6737  
Iteration: 340; Percent complete: 8.5%; Average loss: 1.4595  
Iteration: 341; Percent complete: 8.5%; Average loss: 1.7449  
Iteration: 342; Percent complete: 8.6%; Average loss: 1.6396  
Iteration: 343; Percent complete: 8.6%; Average loss: 1.6797  
Iteration: 344; Percent complete: 8.6%; Average loss: 1.6561  
Iteration: 345; Percent complete: 8.6%; Average loss: 1.5466  
Iteration: 346; Percent complete: 8.6%; Average loss: 1.6332  
Iteration: 347; Percent complete: 8.7%; Average loss: 1.6349  
Iteration: 348; Percent complete: 8.7%; Average loss: 1.8101  
Iteration: 349; Percent complete: 8.7%; Average loss: 1.7179  
Iteration: 350; Percent complete: 8.8%; Average loss: 1.7102  
Iteration: 351; Percent complete: 8.8%; Average loss: 1.4581  
Iteration: 352; Percent complete: 8.8%; Average loss: 1.5923  
Iteration: 353; Percent complete: 8.8%; Average loss: 1.5506  
Iteration: 354; Percent complete: 8.8%; Average loss: 1.4656  
Iteration: 355; Percent complete: 8.9%; Average loss: 1.4854  
Iteration: 356; Percent complete: 8.9%; Average loss: 1.8397  
Iteration: 357; Percent complete: 8.9%; Average loss: 1.7517  
Iteration: 358; Percent complete: 8.9%; Average loss: 1.4503  
Iteration: 359; Percent complete: 9.0%; Average loss: 1.7956  
Iteration: 360; Percent complete: 9.0%; Average loss: 1.4521  
Iteration: 361; Percent complete: 9.0%; Average loss: 1.6874  
Iteration: 362; Percent complete: 9.0%; Average loss: 1.5423  
Iteration: 363; Percent complete: 9.1%; Average loss: 1.6887  
Iteration: 364; Percent complete: 9.1%; Average loss: 1.5595  
Iteration: 365; Percent complete: 9.1%; Average loss: 1.6365  
Iteration: 366; Percent complete: 9.2%; Average loss: 1.8082  
Iteration: 367; Percent complete: 9.2%; Average loss: 1.5755  
Iteration: 368; Percent complete: 9.2%; Average loss: 1.7146  
Iteration: 369; Percent complete: 9.2%; Average loss: 1.6567  
Iteration: 370; Percent complete: 9.2%; Average loss: 1.6432  
Iteration: 371; Percent complete: 9.3%; Average loss: 1.5140  
Iteration: 372; Percent complete: 9.3%; Average loss: 1.5837  
Iteration: 373; Percent complete: 9.3%; Average loss: 1.5013  
Iteration: 374; Percent complete: 9.3%; Average loss: 1.3006  
Iteration: 375; Percent complete: 9.4%; Average loss: 1.5685  
Iteration: 376; Percent complete: 9.4%; Average loss: 1.4701  
Iteration: 377; Percent complete: 9.4%; Average loss: 1.5735  
Iteration: 378; Percent complete: 9.4%; Average loss: 1.5159  
Iteration: 379; Percent complete: 9.5%; Average loss: 1.6319  
Iteration: 380; Percent complete: 9.5%; Average loss: 1.6537  
Iteration: 381; Percent complete: 9.5%; Average loss: 1.7279  
Iteration: 382; Percent complete: 9.6%; Average loss: 1.5829

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| Iteration: | 1569; | Percent | complete: | 39.2%; | Average | loss: | 1.7959 |
| Iteration: | 1570; | Percent | complete: | 39.2%; | Average | loss: | 1.5634 |
| Iteration: | 1571; | Percent | complete: | 39.3%; | Average | loss: | 1.6599 |
| Iteration: | 1572; | Percent | complete: | 39.3%; | Average | loss: | 1.6698 |
| Iteration: | 1573; | Percent | complete: | 39.3%; | Average | loss: | 1.8736 |
| Iteration: | 1574; | Percent | complete: | 39.4%; | Average | loss: | 1.6472 |
| Iteration: | 1575; | Percent | complete: | 39.4%; | Average | loss: | 1.6766 |
| Iteration: | 1576; | Percent | complete: | 39.4%; | Average | loss: | 1.7222 |
| Iteration: | 1577; | Percent | complete: | 39.4%; | Average | loss: | 1.5959 |
| Iteration: | 1578; | Percent | complete: | 39.5%; | Average | loss: | 1.6021 |
| Iteration: | 1579; | Percent | complete: | 39.5%; | Average | loss: | 1.6883 |
| Iteration: | 1580; | Percent | complete: | 39.5%; | Average | loss: | 1.7350 |
| Iteration: | 1581; | Percent | complete: | 39.5%; | Average | loss: | 1.8281 |
| Iteration: | 1582; | Percent | complete: | 39.6%; | Average | loss: | 1.6914 |
| Iteration: | 1583; | Percent | complete: | 39.6%; | Average | loss: | 1.7404 |
| Iteration: | 1584; | Percent | complete: | 39.6%; | Average | loss: | 1.8004 |
| Iteration: | 1585; | Percent | complete: | 39.6%; | Average | loss: | 1.6721 |
| Iteration: | 1586; | Percent | complete: | 39.6%; | Average | loss: | 1.7496 |
| Iteration: | 1587; | Percent | complete: | 39.7%; | Average | loss: | 1.7285 |
| Iteration: | 1588; | Percent | complete: | 39.7%; | Average | loss: | 1.5795 |
| Iteration: | 1589; | Percent | complete: | 39.7%; | Average | loss: | 1.8636 |
| Iteration: | 1590; | Percent | complete: | 39.8%; | Average | loss: | 1.4563 |
| Iteration: | 1591; | Percent | complete: | 39.8%; | Average | loss: | 1.5236 |
| Iteration: | 1592; | Percent | complete: | 39.8%; | Average | loss: | 1.6842 |
| Iteration: | 1593; | Percent | complete: | 39.8%; | Average | loss: | 1.6237 |
| Iteration: | 1594; | Percent | complete: | 39.9%; | Average | loss: | 1.6035 |
| Iteration: | 1595; | Percent | complete: | 39.9%; | Average | loss: | 1.5623 |
| Iteration: | 1596; | Percent | complete: | 39.9%; | Average | loss: | 1.8708 |
| Iteration: | 1597; | Percent | complete: | 39.9%; | Average | loss: | 1.7782 |
| Iteration: | 1598; | Percent | complete: | 40.0%; | Average | loss: | 1.7066 |
| Iteration: | 1599; | Percent | complete: | 40.0%; | Average | loss: | 1.6446 |
| Iteration: | 1600; | Percent | complete: | 40.0%; | Average | loss: | 1.7335 |
| Iteration: | 1601; | Percent | complete: | 40.0%; | Average | loss: | 1.5506 |
| Iteration: | 1602; | Percent | complete: | 40.1%; | Average | loss: | 1.6239 |
| Iteration: | 1603; | Percent | complete: | 40.1%; | Average | loss: | 1.6496 |
| Iteration: | 1604; | Percent | complete: | 40.1%; | Average | loss: | 1.6779 |
| Iteration: | 1605; | Percent | complete: | 40.1%; | Average | loss: | 1.5353 |
| Iteration: | 1606; | Percent | complete: | 40.2%; | Average | loss: | 1.4159 |
| Iteration: | 1607; | Percent | complete: | 40.2%; | Average | loss: | 1.6471 |
| Iteration: | 1608; | Percent | complete: | 40.2%; | Average | loss: | 1.4949 |
| Iteration: | 1609; | Percent | complete: | 40.2%; | Average | loss: | 1.5984 |
| Iteration: | 1610; | Percent | complete: | 40.2%; | Average | loss: | 1.3285 |
| Iteration: | 1611; | Percent | complete: | 40.3%; | Average | loss: | 1.7002 |
| Iteration: | 1612; | Percent | complete: | 40.3%; | Average | loss: | 1.5419 |
| Iteration: | 1613; | Percent | complete: | 40.3%; | Average | loss: | 1.6674 |
| Iteration: | 1614; | Percent | complete: | 40.4%; | Average | loss: | 1.6979 |
| Iteration: | 1615; | Percent | complete: | 40.4%; | Average | loss: | 1.5138 |
| Iteration: | 1616; | Percent | complete: | 40.4%; | Average | loss: | 1.6919 |
| Iteration: | 1617; | Percent | complete: | 40.4%; | Average | loss: | 1.6007 |
| Iteration: | 1618; | Percent | complete: | 40.5%; | Average | loss: | 1.5695 |
| Iteration: | 1619; | Percent | complete: | 40.5%; | Average | loss: | 1.4991 |
| Iteration: | 1620; | Percent | complete: | 40.5%; | Average | loss: | 1.6887 |
| Iteration: | 1621; | Percent | complete: | 40.5%; | Average | loss: | 1.6179 |
| Iteration: | 1622; | Percent | complete: | 40.6%; | Average | loss: | 1.4039 |
| Iteration: | 1623; | Percent | complete: | 40.6%; | Average | loss: | 1.5389 |
| Iteration: | 1624; | Percent | complete: | 40.6%; | Average | loss: | 1.7286 |
| Iteration: | 1625; | Percent | complete: | 40.6%; | Average | loss: | 1.6472 |
| Iteration: | 1626; | Percent | complete: | 40.6%; | Average | loss: | 1.5333 |
| Iteration: | 1627; | Percent | complete: | 40.7%; | Average | loss: | 1.3857 |
| Iteration: | 1628; | Percent | complete: | 40.7%; | Average | loss: | 1.5196 |
| Iteration: | 1629; | Percent | complete: | 40.7%; | Average | loss: | 1.5763 |
| Iteration: | 1630; | Percent | complete: | 40.8%; | Average | loss: | 1.5457 |
| Iteration: | 1631; | Percent | complete: | 40.8%; | Average | loss: | 1.5572 |
| Iteration: | 1632; | Percent | complete: | 40.8%; | Average | loss: | 1.2952 |





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|------------|-------|---------|-----------|--------|---------|-------|--------|
| Iteration: | 3607; | Percent | complete: | 91.7%; | Average | loss: | 1.8939 |
| Iteration: | 3668; | Percent | complete: | 91.7%; | Average | loss: | 1.3699 |
| Iteration: | 3669; | Percent | complete: | 91.7%; | Average | loss: | 1.6533 |
| Iteration: | 3670; | Percent | complete: | 91.8%; | Average | loss: | 1.6675 |
| Iteration: | 3671; | Percent | complete: | 91.8%; | Average | loss: | 1.8945 |
| Iteration: | 3672; | Percent | complete: | 91.8%; | Average | loss: | 1.7100 |
| Iteration: | 3673; | Percent | complete: | 91.8%; | Average | loss: | 1.7839 |
| Iteration: | 3674; | Percent | complete: | 91.8%; | Average | loss: | 1.7654 |
| Iteration: | 3675; | Percent | complete: | 91.9%; | Average | loss: | 1.6882 |
| Iteration: | 3676; | Percent | complete: | 91.9%; | Average | loss: | 1.6642 |
| Iteration: | 3677; | Percent | complete: | 91.9%; | Average | loss: | 1.6846 |
| Iteration: | 3678; | Percent | complete: | 92.0%; | Average | loss: | 1.5077 |
| Iteration: | 3679; | Percent | complete: | 92.0%; | Average | loss: | 1.5854 |
| Iteration: | 3680; | Percent | complete: | 92.0%; | Average | loss: | 1.3909 |
| Iteration: | 3681; | Percent | complete: | 92.0%; | Average | loss: | 1.5901 |
| Iteration: | 3682; | Percent | complete: | 92.0%; | Average | loss: | 1.3700 |
| Iteration: | 3683; | Percent | complete: | 92.1%; | Average | loss: | 1.4770 |
| Iteration: | 3684; | Percent | complete: | 92.1%; | Average | loss: | 1.6239 |
| Iteration: | 3685; | Percent | complete: | 92.1%; | Average | loss: | 1.4828 |
| Iteration: | 3686; | Percent | complete: | 92.2%; | Average | loss: | 1.5930 |
| Iteration: | 3687; | Percent | complete: | 92.2%; | Average | loss: | 1.5781 |
| Iteration: | 3688; | Percent | complete: | 92.2%; | Average | loss: | 1.7466 |
| Iteration: | 3689; | Percent | complete: | 92.2%; | Average | loss: | 1.5923 |
| Iteration: | 3690; | Percent | complete: | 92.2%; | Average | loss: | 1.6513 |
| Iteration: | 3691; | Percent | complete: | 92.3%; | Average | loss: | 1.7415 |
| Iteration: | 3692; | Percent | complete: | 92.3%; | Average | loss: | 1.6288 |
| Iteration: | 3693; | Percent | complete: | 92.3%; | Average | loss: | 1.6237 |
| Iteration: | 3694; | Percent | complete: | 92.3%; | Average | loss: | 1.6437 |
| Iteration: | 3695; | Percent | complete: | 92.4%; | Average | loss: | 1.7269 |
| Iteration: | 3696; | Percent | complete: | 92.4%; | Average | loss: | 1.6396 |
| Iteration: | 3697; | Percent | complete: | 92.4%; | Average | loss: | 1.6915 |
| Iteration: | 3698; | Percent | complete: | 92.5%; | Average | loss: | 1.5408 |
| Iteration: | 3699; | Percent | complete: | 92.5%; | Average | loss: | 1.5534 |
| Iteration: | 3700; | Percent | complete: | 92.5%; | Average | loss: | 1.5967 |
| Iteration: | 3701; | Percent | complete: | 92.5%; | Average | loss: | 1.8229 |
| Iteration: | 3702; | Percent | complete: | 92.5%; | Average | loss: | 1.5836 |
| Iteration: | 3703; | Percent | complete: | 92.6%; | Average | loss: | 1.8269 |
| Iteration: | 3704; | Percent | complete: | 92.6%; | Average | loss: | 1.4695 |
| Iteration: | 3705; | Percent | complete: | 92.6%; | Average | loss: | 1.5866 |
| Iteration: | 3706; | Percent | complete: | 92.7%; | Average | loss: | 1.4170 |
| Iteration: | 3707; | Percent | complete: | 92.7%; | Average | loss: | 1.5564 |
| Iteration: | 3708; | Percent | complete: | 92.7%; | Average | loss: | 1.6655 |
| Iteration: | 3709; | Percent | complete: | 92.7%; | Average | loss: | 1.7689 |
| Iteration: | 3710; | Percent | complete: | 92.8%; | Average | loss: | 1.4998 |
| Iteration: | 3711; | Percent | complete: | 92.8%; | Average | loss: | 1.8470 |
| Iteration: | 3712; | Percent | complete: | 92.8%; | Average | loss: | 1.6359 |
| Iteration: | 3713; | Percent | complete: | 92.8%; | Average | loss: | 1.6388 |
| Iteration: | 3714; | Percent | complete: | 92.8%; | Average | loss: | 1.7135 |
| Iteration: | 3715; | Percent | complete: | 92.9%; | Average | loss: | 1.6023 |
| Iteration: | 3716; | Percent | complete: | 92.9%; | Average | loss: | 1.7013 |
| Iteration: | 3717; | Percent | complete: | 92.9%; | Average | loss: | 1.6587 |
| Iteration: | 3718; | Percent | complete: | 93.0%; | Average | loss: | 1.3322 |
| Iteration: | 3719; | Percent | complete: | 93.0%; | Average | loss: | 1.7818 |
| Iteration: | 3720; | Percent | complete: | 93.0%; | Average | loss: | 1.5146 |
| Iteration: | 3721; | Percent | complete: | 93.0%; | Average | loss: | 1.7108 |
| Iteration: | 3722; | Percent | complete: | 93.0%; | Average | loss: | 1.5681 |
| Iteration: | 3723; | Percent | complete: | 93.1%; | Average | loss: | 1.6172 |
| Iteration: | 3724; | Percent | complete: | 93.1%; | Average | loss: | 1.7713 |
| Iteration: | 3725; | Percent | complete: | 93.1%; | Average | loss: | 1.7731 |
| Iteration: | 3726; | Percent | complete: | 93.2%; | Average | loss: | 1.3635 |
| Iteration: | 3727; | Percent | complete: | 93.2%; | Average | loss: | 1.3624 |
| Iteration: | 3728; | Percent | complete: | 93.2%; | Average | loss: | 1.6832 |
| Iteration: | 3729; | Percent | complete: | 93.2%; | Average | loss: | 1.7320 |
| Iteration: | 3730; | Percent | complete: | 93.2%; | Average | loss: | 1.5039 |

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|                  |                   |        |               |        |
|------------------|-------------------|--------|---------------|--------|
| Iteration: 3850; | Percent complete: | 96.2%; | Average loss: | 1.9693 |
| Iteration: 3851; | Percent complete: | 96.3%; | Average loss: | 1.4674 |
| Iteration: 3852; | Percent complete: | 96.3%; | Average loss: | 1.5358 |
| Iteration: 3853; | Percent complete: | 96.3%; | Average loss: | 1.4715 |
| Iteration: 3854; | Percent complete: | 96.4%; | Average loss: | 1.6046 |
| Iteration: 3855; | Percent complete: | 96.4%; | Average loss: | 1.5593 |
| Iteration: 3856; | Percent complete: | 96.4%; | Average loss: | 1.7659 |
| Iteration: 3857; | Percent complete: | 96.4%; | Average loss: | 1.6075 |
| Iteration: 3858; | Percent complete: | 96.5%; | Average loss: | 1.6309 |
| Iteration: 3859; | Percent complete: | 96.5%; | Average loss: | 1.7096 |
| Iteration: 3860; | Percent complete: | 96.5%; | Average loss: | 1.8614 |
| Iteration: 3861; | Percent complete: | 96.5%; | Average loss: | 1.5543 |
| Iteration: 3862; | Percent complete: | 96.5%; | Average loss: | 1.4482 |
| Iteration: 3863; | Percent complete: | 96.6%; | Average loss: | 1.6242 |
| Iteration: 3864; | Percent complete: | 96.6%; | Average loss: | 1.5544 |
| Iteration: 3865; | Percent complete: | 96.6%; | Average loss: | 1.4885 |
| Iteration: 3866; | Percent complete: | 96.7%; | Average loss: | 1.7098 |
| Iteration: 3867; | Percent complete: | 96.7%; | Average loss: | 1.5182 |
| Iteration: 3868; | Percent complete: | 96.7%; | Average loss: | 1.4525 |
| Iteration: 3869; | Percent complete: | 96.7%; | Average loss: | 1.5826 |
| Iteration: 3870; | Percent complete: | 96.8%; | Average loss: | 1.6721 |
| Iteration: 3871; | Percent complete: | 96.8%; | Average loss: | 1.5343 |
| Iteration: 3872; | Percent complete: | 96.8%; | Average loss: | 1.4626 |
| Iteration: 3873; | Percent complete: | 96.8%; | Average loss: | 1.8818 |
| Iteration: 3874; | Percent complete: | 96.9%; | Average loss: | 1.5628 |
| Iteration: 3875; | Percent complete: | 96.9%; | Average loss: | 1.5402 |
| Iteration: 3876; | Percent complete: | 96.9%; | Average loss: | 1.3390 |
| Iteration: 3877; | Percent complete: | 96.9%; | Average loss: | 1.5683 |
| Iteration: 3878; | Percent complete: | 97.0%; | Average loss: | 1.7359 |
| Iteration: 3879; | Percent complete: | 97.0%; | Average loss: | 1.6368 |
| Iteration: 3880; | Percent complete: | 97.0%; | Average loss: | 1.7149 |
| Iteration: 3881; | Percent complete: | 97.0%; | Average loss: | 1.5668 |
| Iteration: 3882; | Percent complete: | 97.0%; | Average loss: | 1.4341 |
| Iteration: 3883; | Percent complete: | 97.1%; | Average loss: | 1.5241 |
| Iteration: 3884; | Percent complete: | 97.1%; | Average loss: | 1.4821 |
| Iteration: 3885; | Percent complete: | 97.1%; | Average loss: | 1.4970 |
| Iteration: 3886; | Percent complete: | 97.2%; | Average loss: | 1.4946 |
| Iteration: 3887; | Percent complete: | 97.2%; | Average loss: | 1.3838 |
| Iteration: 3888; | Percent complete: | 97.2%; | Average loss: | 1.5802 |
| Iteration: 3889; | Percent complete: | 97.2%; | Average loss: | 1.5866 |
| Iteration: 3890; | Percent complete: | 97.2%; | Average loss: | 1.5277 |
| Iteration: 3891; | Percent complete: | 97.3%; | Average loss: | 1.7495 |
| Iteration: 3892; | Percent complete: | 97.3%; | Average loss: | 1.5213 |
| Iteration: 3893; | Percent complete: | 97.3%; | Average loss: | 1.6475 |
| Iteration: 3894; | Percent complete: | 97.4%; | Average loss: | 1.6248 |
| Iteration: 3895; | Percent complete: | 97.4%; | Average loss: | 1.5417 |
| Iteration: 3896; | Percent complete: | 97.4%; | Average loss: | 1.5322 |
| Iteration: 3897; | Percent complete: | 97.4%; | Average loss: | 1.5581 |
| Iteration: 3898; | Percent complete: | 97.5%; | Average loss: | 1.7785 |
| Iteration: 3899; | Percent complete: | 97.5%; | Average loss: | 1.4965 |
| Iteration: 3900; | Percent complete: | 97.5%; | Average loss: | 1.6200 |
| Iteration: 3901; | Percent complete: | 97.5%; | Average loss: | 1.6075 |
| Iteration: 3902; | Percent complete: | 97.5%; | Average loss: | 1.6384 |
| Iteration: 3903; | Percent complete: | 97.6%; | Average loss: | 1.4646 |
| Iteration: 3904; | Percent complete: | 97.6%; | Average loss: | 1.5321 |
| Iteration: 3905; | Percent complete: | 97.6%; | Average loss: | 1.5803 |
| Iteration: 3906; | Percent complete: | 97.7%; | Average loss: | 1.5865 |
| Iteration: 3907; | Percent complete: | 97.7%; | Average loss: | 1.7936 |
| Iteration: 3908; | Percent complete: | 97.7%; | Average loss: | 1.6336 |
| Iteration: 3909; | Percent complete: | 97.7%; | Average loss: | 1.5767 |
| Iteration: 3910; | Percent complete: | 97.8%; | Average loss: | 1.5243 |
| Iteration: 3911; | Percent complete: | 97.8%; | Average loss: | 1.7038 |
| Iteration: 3912; | Percent complete: | 97.8%; | Average loss: | 1.7906 |
| Iteration: 3913; | Percent complete: | 97.8%; | Average loss: | 1.5776 |
| Iteration: 3914; | Percent complete: | 97.9%; | Average loss: | 1.6129 |
| Iteration: 3915; | Percent complete: | 97.9%; | Average loss: | 1.6696 |
| Iteration: 3916; | Percent complete: | 97.9%; | Average loss: | 1.6457 |
| Iteration: 3917; | Percent complete: | 97.9%; | Average loss: | 1.6522 |
| Iteration: 3918; | Percent complete: | 98.0%; | Average loss: | 1.6121 |
| Iteration: 3919; | Percent complete: | 98.0%; | Average loss: | 1.7698 |
| Iteration: 3920; | Percent complete: | 98.0%; | Average loss: | 1.5707 |
| Iteration: 3921; | Percent complete: | 98.0%; | Average loss: | 1.7315 |
| Iteration: 3922; | Percent complete: | 98.0%; | Average loss: | 1.7755 |
| Iteration: 3923; | Percent complete: | 98.1%; | Average loss: | 1.7641 |
| Iteration: 3924; | Percent complete: | 98.1%; | Average loss: | 1.7536 |
| Iteration: 3925; | Percent complete: | 98.1%; | Average loss: | 1.5741 |
| Iteration: 3926; | Percent complete: | 98.2%; | Average loss: | 1.5931 |
| Iteration: 3927; | Percent complete: | 98.2%; | Average loss: | 1.5130 |
| Iteration: 3928; | Percent complete: | 98.2%; | Average loss: | 1.6058 |
| Iteration: 3929; | Percent complete: | 98.2%; | Average loss: | 1.5315 |
| Iteration: 3930; |                   |        |               |        |

Iteration: 3941; Percent complete: 98.5%; Average loss: 1.6252  
Iteration: 3942; Percent complete: 98.6%; Average loss: 1.6118  
Iteration: 3943; Percent complete: 98.6%; Average loss: 1.5920  
Iteration: 3944; Percent complete: 98.6%; Average loss: 1.9840  
Iteration: 3945; Percent complete: 98.6%; Average loss: 1.6256  
Iteration: 3946; Percent complete: 98.7%; Average loss: 1.6695  
Iteration: 3947; Percent complete: 98.7%; Average loss: 1.5941  
Iteration: 3948; Percent complete: 98.7%; Average loss: 1.3824  
Iteration: 3949; Percent complete: 98.7%; Average loss: 1.5555  
Iteration: 3950; Percent complete: 98.8%; Average loss: 1.5832  
Iteration: 3951; Percent complete: 98.8%; Average loss: 1.6639  
Iteration: 3952; Percent complete: 98.8%; Average loss: 1.6022  
Iteration: 3953; Percent complete: 98.8%; Average loss: 1.5311  
Iteration: 3954; Percent complete: 98.9%; Average loss: 1.5455  
Iteration: 3955; Percent complete: 98.9%; Average loss: 1.5961  
Iteration: 3956; Percent complete: 98.9%; Average loss: 1.7560  
Iteration: 3957; Percent complete: 98.9%; Average loss: 1.5775  
Iteration: 3958; Percent complete: 99.0%; Average loss: 1.5467  
Iteration: 3959; Percent complete: 99.0%; Average loss: 1.4680  
Iteration: 3960; Percent complete: 99.0%; Average loss: 1.6550  
Iteration: 3961; Percent complete: 99.0%; Average loss: 1.6419  
Iteration: 3962; Percent complete: 99.1%; Average loss: 1.5588  
Iteration: 3963; Percent complete: 99.1%; Average loss: 1.4457  
Iteration: 3964; Percent complete: 99.1%; Average loss: 1.6310  
Iteration: 3965; Percent complete: 99.1%; Average loss: 1.6684  
Iteration: 3966; Percent complete: 99.2%; Average loss: 1.6876  
Iteration: 3967; Percent complete: 99.2%; Average loss: 1.7695  
Iteration: 3968; Percent complete: 99.2%; Average loss: 1.4765  
Iteration: 3969; Percent complete: 99.2%; Average loss: 1.5725  
Iteration: 3970; Percent complete: 99.2%; Average loss: 1.7052  
Iteration: 3971; Percent complete: 99.3%; Average loss: 1.5141  
Iteration: 3972; Percent complete: 99.3%; Average loss: 1.4217  
Iteration: 3973; Percent complete: 99.3%; Average loss: 1.5227  
Iteration: 3974; Percent complete: 99.4%; Average loss: 1.6707  
Iteration: 3975; Percent complete: 99.4%; Average loss: 1.7364  
Iteration: 3976; Percent complete: 99.4%; Average loss: 1.4154  
Iteration: 3977; Percent complete: 99.4%; Average loss: 1.7815  
Iteration: 3978; Percent complete: 99.5%; Average loss: 1.5614  
Iteration: 3979; Percent complete: 99.5%; Average loss: 1.5640  
Iteration: 3980; Percent complete: 99.5%; Average loss: 1.5766  
Iteration: 3981; Percent complete: 99.5%; Average loss: 1.6345  
Iteration: 3982; Percent complete: 99.6%; Average loss: 1.6250  
Iteration: 3983; Percent complete: 99.6%; Average loss: 1.5336  
Iteration: 3984; Percent complete: 99.6%; Average loss: 1.6089  
Iteration: 3985; Percent complete: 99.6%; Average loss: 1.5105  
Iteration: 3986; Percent complete: 99.7%; Average loss: 1.6419  
Iteration: 3987; Percent complete: 99.7%; Average loss: 1.6116  
Iteration: 3988; Percent complete: 99.7%; Average loss: 1.7926  
Iteration: 3989; Percent complete: 99.7%; Average loss: 1.6255  
Iteration: 3990; Percent complete: 99.8%; Average loss: 1.6893  
Iteration: 3991; Percent complete: 99.8%; Average loss: 1.6336  
Iteration: 3992; Percent complete: 99.8%; Average loss: 1.6133  
Iteration: 3993; Percent complete: 99.8%; Average loss: 1.5554  
Iteration: 3994; Percent complete: 99.9%; Average loss: 1.6377  
Iteration: 3995; Percent complete: 99.9%; Average loss: 1.6334  
Iteration: 3996; Percent complete: 99.9%; Average loss: 1.8520  
Iteration: 3997; Percent complete: 99.9%; Average loss: 1.5555  
Iteration: 3998; Percent complete: 100.0%; Average loss: 1.4826  
Iteration: 3999; Percent complete: 100.0%; Average loss: 1.7196  
Iteration: 4000; Percent complete: 100.0%; Average loss: 1.6294

## Run history:

batch loss   
epoch —  
loss —

## Run summary:

batch loss 1.62942  
epoch 7  
loss 1.62083

View run **morning-sweep-7** at: <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps/runs/I0igbf1s>

View project at: <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps>

Synced 5 W&B file(s), 0 media file(s), 0 artifact file(s) and 0 other file(s)

Find logs at: ./wandb/run-20250928\_213734-l0igbf1s/logs

**wandb:** Agent Starting Run: cl6y7u71 with config:

**wandb:** clip: 100

**wandb:** decoder\_learning\_ratio: 1

**wandb:** learning\_rate: 0.001

**wandb:** optimizer: adam

**wandb:** teacher\_forcing\_ratio: 0.5

Tracking run with wandb version 0.22.0

Run data is saved locally in /content/wandb/run-20250928\_214102-cl6y7u71

Syncing run **devoted-sweep-8** to [Weights & Biases \(docs\)](#)

Sweep page: <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps/sweeps/jvrgq7ty>  
View project at <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps>  
View sweep at <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps/sweeps/jvrgq7ty>  
View run at <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps/runs/cl6y7u71>

Building optimizers ...

Starting Training!

Initializing ...

Training...

Iteration: 1; Percent complete: 0.0%; Average loss: 1.6336  
Iteration: 2; Percent complete: 0.1%; Average loss: 1.4277  
Iteration: 3; Percent complete: 0.1%; Average loss: 1.5087  
Iteration: 4; Percent complete: 0.1%; Average loss: 1.7410  
Iteration: 5; Percent complete: 0.1%; Average loss: 1.8792  
Iteration: 6; Percent complete: 0.1%; Average loss: 1.7926  
Iteration: 7; Percent complete: 0.2%; Average loss: 1.9375  
Iteration: 8; Percent complete: 0.2%; Average loss: 1.7990  
Iteration: 9; Percent complete: 0.2%; Average loss: 1.9579  
Iteration: 10; Percent complete: 0.2%; Average loss: 1.9520  
Iteration: 11; Percent complete: 0.3%; Average loss: 1.8413  
Iteration: 12; Percent complete: 0.3%; Average loss: 1.7343  
Iteration: 13; Percent complete: 0.3%; Average loss: 1.9358  
Iteration: 14; Percent complete: 0.4%; Average loss: 2.0409  
Iteration: 15; Percent complete: 0.4%; Average loss: 1.9416  
Iteration: 16; Percent complete: 0.4%; Average loss: 1.9561  
Iteration: 17; Percent complete: 0.4%; Average loss: 1.9500  
Iteration: 18; Percent complete: 0.4%; Average loss: 1.9964  
Iteration: 19; Percent complete: 0.5%; Average loss: 2.1453  
Iteration: 20; Percent complete: 0.5%; Average loss: 1.9162  
Iteration: 21; Percent complete: 0.5%; Average loss: 1.9005  
Iteration: 22; Percent complete: 0.5%; Average loss: 1.9574  
Iteration: 23; Percent complete: 0.6%; Average loss: 1.9958  
Iteration: 24; Percent complete: 0.6%; Average loss: 2.2455  
Iteration: 25; Percent complete: 0.6%; Average loss: 1.9184  
Iteration: 26; Percent complete: 0.7%; Average loss: 2.0008  
Iteration: 27; Percent complete: 0.7%; Average loss: 1.9569  
Iteration: 28; Percent complete: 0.7%; Average loss: 1.9921  
Iteration: 29; Percent complete: 0.7%; Average loss: 2.0279  
Iteration: 30; Percent complete: 0.8%; Average loss: 2.0338  
Iteration: 31; Percent complete: 0.8%; Average loss: 2.0450  
Iteration: 32; Percent complete: 0.8%; Average loss: 1.9470  
Iteration: 33; Percent complete: 0.8%; Average loss: 1.9476  
Iteration: 34; Percent complete: 0.9%; Average loss: 2.0889  
Iteration: 35; Percent complete: 0.9%; Average loss: 2.0489  
Iteration: 36; Percent complete: 0.9%; Average loss: 2.0764  
Iteration: 37; Percent complete: 0.9%; Average loss: 2.0248  
Iteration: 38; Percent complete: 0.9%; Average loss: 2.1681  
Iteration: 39; Percent complete: 1.0%; Average loss: 2.2346  
Iteration: 40; Percent complete: 1.0%; Average loss: 1.9408  
Iteration: 41; Percent complete: 1.0%; Average loss: 2.0210  
Iteration: 42; Percent complete: 1.1%; Average loss: 2.0314  
Iteration: 43; Percent complete: 1.1%; Average loss: 1.9669  
Iteration: 44; Percent complete: 1.1%; Average loss: 2.1362  
Iteration: 45; Percent complete: 1.1%; Average loss: 2.2034  
Iteration: 46; Percent complete: 1.1%; Average loss: 1.8735  
Iteration: 47; Percent complete: 1.2%; Average loss: 2.0073  
Iteration: 48; Percent complete: 1.2%; Average loss: 1.9336  
Iteration: 49; Percent complete: 1.2%; Average loss: 2.1873  
Iteration: 50; Percent complete: 1.2%; Average loss: 2.1927  
Iteration: 51; Percent complete: 1.3%; Average loss: 2.1423  
Iteration: 52; Percent complete: 1.3%; Average loss: 2.0992  
Iteration: 53; Percent complete: 1.3%; Average loss: 2.1285  
Iteration: 54; Percent complete: 1.4%; Average loss: 2.1404  
Iteration: 55; Percent complete: 1.4%; Average loss: 1.7353  
Iteration: 56; Percent complete: 1.4%; Average loss: 2.0576  
Iteration: 57; Percent complete: 1.4%; Average loss: 1.8709  
Iteration: 58; Percent complete: 1.5%; Average loss: 2.2566  
Iteration: 59; Percent complete: 1.5%; Average loss: 1.9375  
Iteration: 60; Percent complete: 1.5%; Average loss: 2.2128  
Iteration: 61; Percent complete: 1.5%; Average loss: 2.1336  
Iteration: 62; Percent complete: 1.6%; Average loss: 2.2933  
Iteration: 63; Percent complete: 1.6%; Average loss: 2.0573  
Iteration: 64; Percent complete: 1.6%; Average loss: 1.9029  
Iteration: 65; Percent complete: 1.6%; Average loss: 2.0456  
Iteration: 66; Percent complete: 1.7%; Average loss: 1.9394  
Iteration: 67; Percent complete: 1.7%; Average loss: 2.1571  
Iteration: 68; Percent complete: 1.7%; Average loss: 1.9429  
Iteration: 69; Percent complete: 1.7%; Average loss: 2.0767  
Iteration: 70; Percent complete: 1.8%; Average loss: 2.1012  
Iteration: 71; Percent complete: 1.8%; Average loss: 2.0149  
Iteration: 72; Percent complete: 1.8%; Average loss: 1.9464  
Iteration: 73; Percent complete: 1.8%; Average loss: 2.1567  
Iteration: 74; Percent complete: 1.8%; Average loss: 2.1966  
Iteration: 75; Percent complete: 1.9%; Average loss: 2.0649  
Iteration: 76; Percent complete: 1.9%; Average loss: 2.0568  
Iteration: 77; Percent complete: 1.9%; Average loss: 2.0836  
Iteration: 78; Percent complete: 1.9%; Average loss: 2.3335  
Iteration: 79; Percent complete: 2.0%; Average loss: 2.1975  
Iteration: 80; Percent complete: 2.0%; Average loss: 2.0714  
Iteration: 81; Percent complete: 2.0%; Average loss: 2.1533  
Iteration: 82; Percent complete: 2.1%; Average loss: 1.9449  
Iteration: 83; Percent complete: 2.1%; Average loss: 2.1957  
Iteration: 84; Percent complete: 2.1%; Average loss: 1.9039

Iteration: 84; Percent complete: 2.1%; Average loss: 1.9939  
Iteration: 85; Percent complete: 2.1%; Average loss: 1.9196  
Iteration: 86; Percent complete: 2.1%; Average loss: 2.2598  
Iteration: 87; Percent complete: 2.2%; Average loss: 2.1306  
Iteration: 88; Percent complete: 2.2%; Average loss: 2.3725  
Iteration: 89; Percent complete: 2.2%; Average loss: 2.2187  
Iteration: 90; Percent complete: 2.2%; Average loss: 2.0950  
Iteration: 91; Percent complete: 2.3%; Average loss: 2.1711  
Iteration: 92; Percent complete: 2.3%; Average loss: 2.2059  
Iteration: 93; Percent complete: 2.3%; Average loss: 2.0763  
Iteration: 94; Percent complete: 2.4%; Average loss: 2.2953  
Iteration: 95; Percent complete: 2.4%; Average loss: 2.1657  
Iteration: 96; Percent complete: 2.4%; Average loss: 2.1653  
Iteration: 97; Percent complete: 2.4%; Average loss: 2.0039  
Iteration: 98; Percent complete: 2.5%; Average loss: 2.2832  
Iteration: 99; Percent complete: 2.5%; Average loss: 2.1250  
Iteration: 100; Percent complete: 2.5%; Average loss: 2.0523  
Iteration: 101; Percent complete: 2.5%; Average loss: 2.1505  
Iteration: 102; Percent complete: 2.5%; Average loss: 2.1257  
Iteration: 103; Percent complete: 2.6%; Average loss: 2.2467  
Iteration: 104; Percent complete: 2.6%; Average loss: 2.2538  
Iteration: 105; Percent complete: 2.6%; Average loss: 2.1355  
Iteration: 106; Percent complete: 2.6%; Average loss: 2.4209  
Iteration: 107; Percent complete: 2.7%; Average loss: 2.1009  
Iteration: 108; Percent complete: 2.7%; Average loss: 2.1656  
Iteration: 109; Percent complete: 2.7%; Average loss: 2.0135  
Iteration: 110; Percent complete: 2.8%; Average loss: 2.0619  
Iteration: 111; Percent complete: 2.8%; Average loss: 2.1569  
Iteration: 112; Percent complete: 2.8%; Average loss: 2.1132  
Iteration: 113; Percent complete: 2.8%; Average loss: 2.0930  
Iteration: 114; Percent complete: 2.9%; Average loss: 2.1058  
Iteration: 115; Percent complete: 2.9%; Average loss: 2.0173  
Iteration: 116; Percent complete: 2.9%; Average loss: 2.1328  
Iteration: 117; Percent complete: 2.9%; Average loss: 2.2701  
Iteration: 118; Percent complete: 2.9%; Average loss: 2.3322  
Iteration: 119; Percent complete: 3.0%; Average loss: 2.2452  
Iteration: 120; Percent complete: 3.0%; Average loss: 2.0228  
Iteration: 121; Percent complete: 3.0%; Average loss: 1.8845  
Iteration: 122; Percent complete: 3.0%; Average loss: 2.1295  
Iteration: 123; Percent complete: 3.1%; Average loss: 1.8704  
Iteration: 124; Percent complete: 3.1%; Average loss: 2.1754  
Iteration: 125; Percent complete: 3.1%; Average loss: 2.3054  
Iteration: 126; Percent complete: 3.1%; Average loss: 1.8914  
Iteration: 127; Percent complete: 3.2%; Average loss: 2.0420  
Iteration: 128; Percent complete: 3.2%; Average loss: 2.2315  
Iteration: 129; Percent complete: 3.2%; Average loss: 1.9644  
Iteration: 130; Percent complete: 3.2%; Average loss: 2.0070  
Iteration: 131; Percent complete: 3.3%; Average loss: 2.1669  
Iteration: 132; Percent complete: 3.3%; Average loss: 1.9139  
Iteration: 133; Percent complete: 3.3%; Average loss: 2.1892  
Iteration: 134; Percent complete: 3.4%; Average loss: 2.1333  
Iteration: 135; Percent complete: 3.4%; Average loss: 2.1225  
Iteration: 136; Percent complete: 3.4%; Average loss: 2.0599  
Iteration: 137; Percent complete: 3.4%; Average loss: 2.0493  
Iteration: 138; Percent complete: 3.5%; Average loss: 2.1264  
Iteration: 139; Percent complete: 3.5%; Average loss: 2.3943  
Iteration: 140; Percent complete: 3.5%; Average loss: 2.0082  
Iteration: 141; Percent complete: 3.5%; Average loss: 2.1596  
Iteration: 142; Percent complete: 3.5%; Average loss: 2.0658  
Iteration: 143; Percent complete: 3.6%; Average loss: 2.0142  
Iteration: 144; Percent complete: 3.6%; Average loss: 2.1790  
Iteration: 145; Percent complete: 3.6%; Average loss: 2.2952  
Iteration: 146; Percent complete: 3.6%; Average loss: 2.0883  
Iteration: 147; Percent complete: 3.7%; Average loss: 1.8373  
Iteration: 148; Percent complete: 3.7%; Average loss: 2.2830  
Iteration: 149; Percent complete: 3.7%; Average loss: 2.2008  
Iteration: 150; Percent complete: 3.8%; Average loss: 2.0297  
Iteration: 151; Percent complete: 3.8%; Average loss: 1.9814  
Iteration: 152; Percent complete: 3.8%; Average loss: 2.1495  
Iteration: 153; Percent complete: 3.8%; Average loss: 2.3201  
Iteration: 154; Percent complete: 3.9%; Average loss: 2.1963  
Iteration: 155; Percent complete: 3.9%; Average loss: 2.3037  
Iteration: 156; Percent complete: 3.9%; Average loss: 2.2128  
Iteration: 157; Percent complete: 3.9%; Average loss: 2.0175  
Iteration: 158; Percent complete: 4.0%; Average loss: 2.3721  
Iteration: 159; Percent complete: 4.0%; Average loss: 2.3200  
Iteration: 160; Percent complete: 4.0%; Average loss: 2.1160  
Iteration: 161; Percent complete: 4.0%; Average loss: 2.0651  
Iteration: 162; Percent complete: 4.0%; Average loss: 2.1634  
Iteration: 163; Percent complete: 4.1%; Average loss: 1.8790  
Iteration: 164; Percent complete: 4.1%; Average loss: 2.0729  
Iteration: 165; Percent complete: 4.1%; Average loss: 2.0866  
Iteration: 166; Percent complete: 4.2%; Average loss: 1.8997  
Iteration: 167; Percent complete: 4.2%; Average loss: 2.0903  
Iteration: 168; Percent complete: 4.2%; Average loss: 2.1445  
Iteration: 169; Percent complete: 4.2%; Average loss: 2.1021  
Iteration: 170; Percent complete: 4.2%; Average loss: 1.9119  
Iteration: 171; Percent complete: 4.3%; Average loss: 1.9709  
Iteration: 172; Percent complete: 4.3%; Average loss: 1.9908  
Iteration: 173; Percent complete: 4.3%; Average loss: 2.0075  
Iteration: 174; Percent complete: 4.3%; Average loss: 1.9889  
Iteration: 175; Percent complete: 4.4%; Average loss: 1.8829

Iteration: 176; Percent complete: 4.4%; Average loss: 1.9809  
Iteration: 177; Percent complete: 4.4%; Average loss: 2.4169  
Iteration: 178; Percent complete: 4.5%; Average loss: 1.8599  
Iteration: 179; Percent complete: 4.5%; Average loss: 1.9193  
Iteration: 180; Percent complete: 4.5%; Average loss: 2.2423  
Iteration: 181; Percent complete: 4.5%; Average loss: 2.0506  
Iteration: 182; Percent complete: 4.5%; Average loss: 2.0114  
Iteration: 183; Percent complete: 4.6%; Average loss: 1.8336  
Iteration: 184; Percent complete: 4.6%; Average loss: 2.2049  
Iteration: 185; Percent complete: 4.6%; Average loss: 2.1805  
Iteration: 186; Percent complete: 4.7%; Average loss: 2.2080  
Iteration: 187; Percent complete: 4.7%; Average loss: 2.0331  
Iteration: 188; Percent complete: 4.7%; Average loss: 2.2552  
Iteration: 189; Percent complete: 4.7%; Average loss: 2.1153  
Iteration: 190; Percent complete: 4.8%; Average loss: 2.1141  
Iteration: 191; Percent complete: 4.8%; Average loss: 2.0633  
Iteration: 192; Percent complete: 4.8%; Average loss: 2.0818  
Iteration: 193; Percent complete: 4.8%; Average loss: 2.0433  
Iteration: 194; Percent complete: 4.9%; Average loss: 2.0584  
Iteration: 195; Percent complete: 4.9%; Average loss: 2.0922  
Iteration: 196; Percent complete: 4.9%; Average loss: 1.8720  
Iteration: 197; Percent complete: 4.9%; Average loss: 1.9821  
Iteration: 198; Percent complete: 5.0%; Average loss: 1.8864  
Iteration: 199; Percent complete: 5.0%; Average loss: 2.1390  
Iteration: 200; Percent complete: 5.0%; Average loss: 2.2100  
Iteration: 201; Percent complete: 5.0%; Average loss: 2.2190  
Iteration: 202; Percent complete: 5.1%; Average loss: 1.9476  
Iteration: 203; Percent complete: 5.1%; Average loss: 1.9305  
Iteration: 204; Percent complete: 5.1%; Average loss: 2.2415  
Iteration: 205; Percent complete: 5.1%; Average loss: 2.1629  
Iteration: 206; Percent complete: 5.1%; Average loss: 2.0639  
Iteration: 207; Percent complete: 5.2%; Average loss: 2.1298  
Iteration: 208; Percent complete: 5.2%; Average loss: 2.5177  
Iteration: 209; Percent complete: 5.2%; Average loss: 1.9681  
Iteration: 210; Percent complete: 5.2%; Average loss: 2.0087  
Iteration: 211; Percent complete: 5.3%; Average loss: 2.2630  
Iteration: 212; Percent complete: 5.3%; Average loss: 1.9593  
Iteration: 213; Percent complete: 5.3%; Average loss: 1.8268  
Iteration: 214; Percent complete: 5.3%; Average loss: 2.2578  
Iteration: 215; Percent complete: 5.4%; Average loss: 1.9046  
Iteration: 216; Percent complete: 5.4%; Average loss: 2.3487  
Iteration: 217; Percent complete: 5.4%; Average loss: 2.1196  
Iteration: 218; Percent complete: 5.5%; Average loss: 2.0727  
Iteration: 219; Percent complete: 5.5%; Average loss: 2.0042  
Iteration: 220; Percent complete: 5.5%; Average loss: 2.2680  
Iteration: 221; Percent complete: 5.5%; Average loss: 2.1958  
Iteration: 222; Percent complete: 5.5%; Average loss: 2.1487  
Iteration: 223; Percent complete: 5.6%; Average loss: 2.0483  
Iteration: 224; Percent complete: 5.6%; Average loss: 2.3522  
Iteration: 225; Percent complete: 5.6%; Average loss: 2.1160  
Iteration: 226; Percent complete: 5.7%; Average loss: 2.1721  
Iteration: 227; Percent complete: 5.7%; Average loss: 2.2081  
Iteration: 228; Percent complete: 5.7%; Average loss: 2.0865  
Iteration: 229; Percent complete: 5.7%; Average loss: 2.0833  
Iteration: 230; Percent complete: 5.8%; Average loss: 2.0682  
Iteration: 231; Percent complete: 5.8%; Average loss: 2.0061  
Iteration: 232; Percent complete: 5.8%; Average loss: 2.1390  
Iteration: 233; Percent complete: 5.8%; Average loss: 2.2878  
Iteration: 234; Percent complete: 5.9%; Average loss: 1.8197  
Iteration: 235; Percent complete: 5.9%; Average loss: 1.9283  
Iteration: 236; Percent complete: 5.9%; Average loss: 1.9680  
Iteration: 237; Percent complete: 5.9%; Average loss: 2.0587  
Iteration: 238; Percent complete: 5.9%; Average loss: 2.1639  
Iteration: 239; Percent complete: 6.0%; Average loss: 2.0674  
Iteration: 240; Percent complete: 6.0%; Average loss: 2.1462  
Iteration: 241; Percent complete: 6.0%; Average loss: 2.1450  
Iteration: 242; Percent complete: 6.0%; Average loss: 2.1345  
Iteration: 243; Percent complete: 6.1%; Average loss: 2.1486  
Iteration: 244; Percent complete: 6.1%; Average loss: 2.0485  
Iteration: 245; Percent complete: 6.1%; Average loss: 2.0506  
Iteration: 246; Percent complete: 6.2%; Average loss: 2.2744  
Iteration: 247; Percent complete: 6.2%; Average loss: 2.1403  
Iteration: 248; Percent complete: 6.2%; Average loss: 2.2416  
Iteration: 249; Percent complete: 6.2%; Average loss: 2.1535  
Iteration: 250; Percent complete: 6.2%; Average loss: 1.9736  
Iteration: 251; Percent complete: 6.3%; Average loss: 1.9833  
Iteration: 252; Percent complete: 6.3%; Average loss: 2.1667  
Iteration: 253; Percent complete: 6.3%; Average loss: 1.9210  
Iteration: 254; Percent complete: 6.3%; Average loss: 2.1038  
Iteration: 255; Percent complete: 6.4%; Average loss: 2.0158  
Iteration: 256; Percent complete: 6.4%; Average loss: 2.0575  
Iteration: 257; Percent complete: 6.4%; Average loss: 2.1755  
Iteration: 258; Percent complete: 6.5%; Average loss: 2.4543  
Iteration: 259; Percent complete: 6.5%; Average loss: 2.1420  
Iteration: 260; Percent complete: 6.5%; Average loss: 2.1720  
Iteration: 261; Percent complete: 6.5%; Average loss: 2.0096  
Iteration: 262; Percent complete: 6.6%; Average loss: 2.0313  
Iteration: 263; Percent complete: 6.6%; Average loss: 2.1872  
Iteration: 264; Percent complete: 6.6%; Average loss: 2.0432  
Iteration: 265; Percent complete: 6.6%; Average loss: 1.9528  
Iteration: 266; Percent complete: 6.7%; Average loss: 2.2358

Iteration: 267; Percent complete: 6.7%; Average loss: 2.0694  
Iteration: 268; Percent complete: 6.7%; Average loss: 2.2055  
Iteration: 269; Percent complete: 6.7%; Average loss: 1.9904  
Iteration: 270; Percent complete: 6.8%; Average loss: 2.1549  
Iteration: 271; Percent complete: 6.8%; Average loss: 1.8779  
Iteration: 272; Percent complete: 6.8%; Average loss: 1.9694  
Iteration: 273; Percent complete: 6.8%; Average loss: 1.9297  
Iteration: 274; Percent complete: 6.9%; Average loss: 2.2560  
Iteration: 275; Percent complete: 6.9%; Average loss: 2.1834  
Iteration: 276; Percent complete: 6.9%; Average loss: 2.0198  
Iteration: 277; Percent complete: 6.9%; Average loss: 2.0914  
Iteration: 278; Percent complete: 7.0%; Average loss: 2.1393  
Iteration: 279; Percent complete: 7.0%; Average loss: 1.9085  
Iteration: 280; Percent complete: 7.0%; Average loss: 2.0725  
Iteration: 281; Percent complete: 7.0%; Average loss: 2.1296  
Iteration: 282; Percent complete: 7.0%; Average loss: 2.0394  
Iteration: 283; Percent complete: 7.1%; Average loss: 2.2259  
Iteration: 284; Percent complete: 7.1%; Average loss: 2.0716  
Iteration: 285; Percent complete: 7.1%; Average loss: 2.2100  
Iteration: 286; Percent complete: 7.1%; Average loss: 1.9948  
Iteration: 287; Percent complete: 7.2%; Average loss: 2.1660  
Iteration: 288; Percent complete: 7.2%; Average loss: 2.1179  
Iteration: 289; Percent complete: 7.2%; Average loss: 2.1290  
Iteration: 290; Percent complete: 7.2%; Average loss: 1.9832  
Iteration: 291; Percent complete: 7.3%; Average loss: 2.1591  
Iteration: 292; Percent complete: 7.3%; Average loss: 2.0744  
Iteration: 293; Percent complete: 7.3%; Average loss: 2.1927  
Iteration: 294; Percent complete: 7.3%; Average loss: 2.2227  
Iteration: 295; Percent complete: 7.4%; Average loss: 2.1281  
Iteration: 296; Percent complete: 7.4%; Average loss: 2.1085  
Iteration: 297; Percent complete: 7.4%; Average loss: 2.2390  
Iteration: 298; Percent complete: 7.4%; Average loss: 1.9931  
Iteration: 299; Percent complete: 7.5%; Average loss: 2.3752  
Iteration: 300; Percent complete: 7.5%; Average loss: 2.1267  
Iteration: 301; Percent complete: 7.5%; Average loss: 2.1579  
Iteration: 302; Percent complete: 7.5%; Average loss: 1.9416  
Iteration: 303; Percent complete: 7.6%; Average loss: 1.8229  
Iteration: 304; Percent complete: 7.6%; Average loss: 2.0584  
Iteration: 305; Percent complete: 7.6%; Average loss: 1.9572  
Iteration: 306; Percent complete: 7.6%; Average loss: 1.9370  
Iteration: 307; Percent complete: 7.7%; Average loss: 2.0260  
Iteration: 308; Percent complete: 7.7%; Average loss: 1.9997  
Iteration: 309; Percent complete: 7.7%; Average loss: 2.0847  
Iteration: 310; Percent complete: 7.8%; Average loss: 2.0984  
Iteration: 311; Percent complete: 7.8%; Average loss: 2.1337  
Iteration: 312; Percent complete: 7.8%; Average loss: 2.2344  
Iteration: 313; Percent complete: 7.8%; Average loss: 2.2920  
Iteration: 314; Percent complete: 7.8%; Average loss: 1.7177  
Iteration: 315; Percent complete: 7.9%; Average loss: 2.2273  
Iteration: 316; Percent complete: 7.9%; Average loss: 1.9283  
Iteration: 317; Percent complete: 7.9%; Average loss: 1.8828  
Iteration: 318; Percent complete: 8.0%; Average loss: 2.0753  
Iteration: 319; Percent complete: 8.0%; Average loss: 2.0460  
Iteration: 320; Percent complete: 8.0%; Average loss: 2.0078  
Iteration: 321; Percent complete: 8.0%; Average loss: 2.0873  
Iteration: 322; Percent complete: 8.1%; Average loss: 1.9720  
Iteration: 323; Percent complete: 8.1%; Average loss: 2.0640  
Iteration: 324; Percent complete: 8.1%; Average loss: 2.1007  
Iteration: 325; Percent complete: 8.1%; Average loss: 1.9587  
Iteration: 326; Percent complete: 8.2%; Average loss: 1.9176  
Iteration: 327; Percent complete: 8.2%; Average loss: 2.0985  
Iteration: 328; Percent complete: 8.2%; Average loss: 2.1693  
Iteration: 329; Percent complete: 8.2%; Average loss: 2.2606  
Iteration: 330; Percent complete: 8.2%; Average loss: 1.8520  
Iteration: 331; Percent complete: 8.3%; Average loss: 2.3321  
Iteration: 332; Percent complete: 8.3%; Average loss: 2.0734  
Iteration: 333; Percent complete: 8.3%; Average loss: 2.1236  
Iteration: 334; Percent complete: 8.3%; Average loss: 1.9939  
Iteration: 335; Percent complete: 8.4%; Average loss: 2.0615  
Iteration: 336; Percent complete: 8.4%; Average loss: 2.1798  
Iteration: 337; Percent complete: 8.4%; Average loss: 1.9330  
Iteration: 338; Percent complete: 8.5%; Average loss: 2.0831  
Iteration: 339; Percent complete: 8.5%; Average loss: 2.1626  
Iteration: 340; Percent complete: 8.5%; Average loss: 1.9225  
Iteration: 341; Percent complete: 8.5%; Average loss: 2.2307  
Iteration: 342; Percent complete: 8.6%; Average loss: 2.0126  
Iteration: 343; Percent complete: 8.6%; Average loss: 1.9142  
Iteration: 344; Percent complete: 8.6%; Average loss: 2.1782  
Iteration: 345; Percent complete: 8.6%; Average loss: 1.9012  
Iteration: 346; Percent complete: 8.6%; Average loss: 1.8381  
Iteration: 347; Percent complete: 8.7%; Average loss: 2.0689  
Iteration: 348; Percent complete: 8.7%; Average loss: 2.2067  
Iteration: 349; Percent complete: 8.7%; Average loss: 2.2883  
Iteration: 350; Percent complete: 8.8%; Average loss: 2.0714  
Iteration: 351; Percent complete: 8.8%; Average loss: 1.9570  
Iteration: 352; Percent complete: 8.8%; Average loss: 2.1636  
Iteration: 353; Percent complete: 8.8%; Average loss: 1.8387  
Iteration: 354; Percent complete: 8.8%; Average loss: 1.9501  
Iteration: 355; Percent complete: 8.9%; Average loss: 1.9730  
Iteration: 356; Percent complete: 8.9%; Average loss: 2.1889  
Iteration: 357; Percent complete: 8.9%; Average loss: 2.0761



Iteration: 358; Percent complete: 8.9%; Average loss: 1.7854  
Iteration: 359; Percent complete: 9.0%; Average loss: 1.9129  
Iteration: 360; Percent complete: 9.0%; Average loss: 2.2131  
Iteration: 361; Percent complete: 9.0%; Average loss: 1.8292  
Iteration: 362; Percent complete: 9.0%; Average loss: 1.9860  
Iteration: 363; Percent complete: 9.1%; Average loss: 1.8462  
Iteration: 364; Percent complete: 9.1%; Average loss: 2.2944  
Iteration: 365; Percent complete: 9.1%; Average loss: 1.9362  
Iteration: 366; Percent complete: 9.2%; Average loss: 2.1930  
Iteration: 367; Percent complete: 9.2%; Average loss: 2.0312  
Iteration: 368; Percent complete: 9.2%; Average loss: 1.9477  
Iteration: 369; Percent complete: 9.2%; Average loss: 1.7889  
Iteration: 370; Percent complete: 9.2%; Average loss: 2.0173  
Iteration: 371; Percent complete: 9.3%; Average loss: 2.2410  
Iteration: 372; Percent complete: 9.3%; Average loss: 2.1235  
Iteration: 373; Percent complete: 9.3%; Average loss: 2.2335  
Iteration: 374; Percent complete: 9.3%; Average loss: 1.9450  
Iteration: 375; Percent complete: 9.4%; Average loss: 2.1891  
Iteration: 376; Percent complete: 9.4%; Average loss: 2.0315  
Iteration: 377; Percent complete: 9.4%; Average loss: 1.9150  
Iteration: 378; Percent complete: 9.4%; Average loss: 2.1489  
Iteration: 379; Percent complete: 9.5%; Average loss: 1.9625  
Iteration: 380; Percent complete: 9.5%; Average loss: 1.9615  
Iteration: 381; Percent complete: 9.5%; Average loss: 2.2707  
Iteration: 382; Percent complete: 9.6%; Average loss: 2.0034  
Iteration: 383; Percent complete: 9.6%; Average loss: 2.1001  
Iteration: 384; Percent complete: 9.6%; Average loss: 2.0150  
Iteration: 385; Percent complete: 9.6%; Average loss: 1.9873  
Iteration: 386; Percent complete: 9.7%; Average loss: 2.1529  
Iteration: 387; Percent complete: 9.7%; Average loss: 2.0718  
Iteration: 388; Percent complete: 9.7%; Average loss: 2.0303  
Iteration: 389; Percent complete: 9.7%; Average loss: 1.7968  
Iteration: 390; Percent complete: 9.8%; Average loss: 1.9568  
Iteration: 391; Percent complete: 9.8%; Average loss: 2.2216  
Iteration: 392; Percent complete: 9.8%; Average loss: 2.0186  
Iteration: 393; Percent complete: 9.8%; Average loss: 2.0259  
Iteration: 394; Percent complete: 9.8%; Average loss: 2.3691  
Iteration: 395; Percent complete: 9.9%; Average loss: 2.0864  
Iteration: 396; Percent complete: 9.9%; Average loss: 1.9195  
Iteration: 397; Percent complete: 9.9%; Average loss: 2.1246  
Iteration: 398; Percent complete: 10.0%; Average loss: 2.1893  
Iteration: 399; Percent complete: 10.0%; Average loss: 2.1419  
Iteration: 400; Percent complete: 10.0%; Average loss: 2.0556  
Iteration: 401; Percent complete: 10.0%; Average loss: 1.9293  
Iteration: 402; Percent complete: 10.1%; Average loss: 1.8971  
Iteration: 403; Percent complete: 10.1%; Average loss: 1.9201  
Iteration: 404; Percent complete: 10.1%; Average loss: 2.0389  
Iteration: 405; Percent complete: 10.1%; Average loss: 2.1186  
Iteration: 406; Percent complete: 10.2%; Average loss: 1.7815  
Iteration: 407; Percent complete: 10.2%; Average loss: 1.9200  
Iteration: 408; Percent complete: 10.2%; Average loss: 1.9875  
Iteration: 409; Percent complete: 10.2%; Average loss: 2.0467  
Iteration: 410; Percent complete: 10.2%; Average loss: 1.9369  
Iteration: 411; Percent complete: 10.3%; Average loss: 1.8286  
Iteration: 412; Percent complete: 10.3%; Average loss: 1.9867  
Iteration: 413; Percent complete: 10.3%; Average loss: 1.7565  
Iteration: 414; Percent complete: 10.3%; Average loss: 1.9914  
Iteration: 415; Percent complete: 10.4%; Average loss: 2.3213  
Iteration: 416; Percent complete: 10.4%; Average loss: 2.2877  
Iteration: 417; Percent complete: 10.4%; Average loss: 2.1432  
Iteration: 418; Percent complete: 10.4%; Average loss: 1.9589  
Iteration: 419; Percent complete: 10.5%; Average loss: 1.9352  
Iteration: 420; Percent complete: 10.5%; Average loss: 2.1097  
Iteration: 421; Percent complete: 10.5%; Average loss: 1.9971  
Iteration: 422; Percent complete: 10.5%; Average loss: 1.9278  
Iteration: 423; Percent complete: 10.6%; Average loss: 1.9760  
Iteration: 424; Percent complete: 10.6%; Average loss: 1.9853  
Iteration: 425; Percent complete: 10.6%; Average loss: 2.0438  
Iteration: 426; Percent complete: 10.7%; Average loss: 2.2040  
Iteration: 427; Percent complete: 10.7%; Average loss: 2.0506  
Iteration: 428; Percent complete: 10.7%; Average loss: 2.1614  
Iteration: 429; Percent complete: 10.7%; Average loss: 1.9195  
Iteration: 430; Percent complete: 10.8%; Average loss: 1.9764  
Iteration: 431; Percent complete: 10.8%; Average loss: 2.1655  
Iteration: 432; Percent complete: 10.8%; Average loss: 2.0321  
Iteration: 433; Percent complete: 10.8%; Average loss: 1.8615  
Iteration: 434; Percent complete: 10.8%; Average loss: 2.2186  
Iteration: 435; Percent complete: 10.9%; Average loss: 1.8004  
Iteration: 436; Percent complete: 10.9%; Average loss: 1.8700  
Iteration: 437; Percent complete: 10.9%; Average loss: 1.7288  
Iteration: 438; Percent complete: 10.9%; Average loss: 1.7851  
Iteration: 439; Percent complete: 11.0%; Average loss: 2.1656  
Iteration: 440; Percent complete: 11.0%; Average loss: 2.0963  
Iteration: 441; Percent complete: 11.0%; Average loss: 1.7658  
Iteration: 442; Percent complete: 11.1%; Average loss: 2.1668  
Iteration: 443; Percent complete: 11.1%; Average loss: 1.9238  
Iteration: 444; Percent complete: 11.1%; Average loss: 1.7759  
Iteration: 445; Percent complete: 11.1%; Average loss: 2.1902  
Iteration: 446; Percent complete: 11.2%; Average loss: 1.9472  
Iteration: 447; Percent complete: 11.2%; Average loss: 1.7554  
Iteration: 448; Percent complete: 11.2%; Average loss: 1.7421  
Iteration: 449; Percent complete: 11.2%; Average loss: 1.9520

Iteration: 449; Percent complete: 11.2%; Average loss: 1.9520  
Iteration: 450; Percent complete: 11.2%; Average loss: 1.8285  
Iteration: 451; Percent complete: 11.3%; Average loss: 1.8605  
Iteration: 452; Percent complete: 11.3%; Average loss: 1.7953  
Iteration: 453; Percent complete: 11.3%; Average loss: 2.1584  
Iteration: 454; Percent complete: 11.3%; Average loss: 2.0743  
Iteration: 455; Percent complete: 11.4%; Average loss: 2.0265  
Iteration: 456; Percent complete: 11.4%; Average loss: 2.4573  
Iteration: 457; Percent complete: 11.4%; Average loss: 1.9692  
Iteration: 458; Percent complete: 11.5%; Average loss: 2.0243  
Iteration: 459; Percent complete: 11.5%; Average loss: 2.0656  
Iteration: 460; Percent complete: 11.5%; Average loss: 1.9906  
Iteration: 461; Percent complete: 11.5%; Average loss: 2.0463  
Iteration: 462; Percent complete: 11.6%; Average loss: 1.9555  
Iteration: 463; Percent complete: 11.6%; Average loss: 1.7312  
Iteration: 464; Percent complete: 11.6%; Average loss: 2.1477  
Iteration: 465; Percent complete: 11.6%; Average loss: 1.8825  
Iteration: 466; Percent complete: 11.7%; Average loss: 2.0766  
Iteration: 467; Percent complete: 11.7%; Average loss: 2.0986  
Iteration: 468; Percent complete: 11.7%; Average loss: 1.7796  
Iteration: 469; Percent complete: 11.7%; Average loss: 2.0351  
Iteration: 470; Percent complete: 11.8%; Average loss: 1.9266  
Iteration: 471; Percent complete: 11.8%; Average loss: 2.0986  
Iteration: 472; Percent complete: 11.8%; Average loss: 1.8150  
Iteration: 473; Percent complete: 11.8%; Average loss: 2.0031  
Iteration: 474; Percent complete: 11.8%; Average loss: 1.9029  
Iteration: 475; Percent complete: 11.9%; Average loss: 1.8386  
Iteration: 476; Percent complete: 11.9%; Average loss: 1.9867  
Iteration: 477; Percent complete: 11.9%; Average loss: 2.0761  
Iteration: 478; Percent complete: 11.9%; Average loss: 1.7474  
Iteration: 479; Percent complete: 12.0%; Average loss: 2.1134  
Iteration: 480; Percent complete: 12.0%; Average loss: 1.8294  
Iteration: 481; Percent complete: 12.0%; Average loss: 1.9685  
Iteration: 482; Percent complete: 12.0%; Average loss: 2.0291  
Iteration: 483; Percent complete: 12.1%; Average loss: 2.1730  
Iteration: 484; Percent complete: 12.1%; Average loss: 2.0565  
Iteration: 485; Percent complete: 12.1%; Average loss: 1.9916  
Iteration: 486; Percent complete: 12.2%; Average loss: 2.0657  
Iteration: 487; Percent complete: 12.2%; Average loss: 1.9397  
Iteration: 488; Percent complete: 12.2%; Average loss: 2.2606  
Iteration: 489; Percent complete: 12.2%; Average loss: 1.8267  
Iteration: 490; Percent complete: 12.2%; Average loss: 1.8809  
Iteration: 491; Percent complete: 12.3%; Average loss: 2.0072  
Iteration: 492; Percent complete: 12.3%; Average loss: 1.8672  
Iteration: 493; Percent complete: 12.3%; Average loss: 1.9295  
Iteration: 494; Percent complete: 12.3%; Average loss: 1.8747  
Iteration: 495; Percent complete: 12.4%; Average loss: 2.0345  
Iteration: 496; Percent complete: 12.4%; Average loss: 2.2157  
Iteration: 497; Percent complete: 12.4%; Average loss: 2.0563  
Iteration: 498; Percent complete: 12.4%; Average loss: 1.7172  
Iteration: 499; Percent complete: 12.5%; Average loss: 2.0581  
Iteration: 500; Percent complete: 12.5%; Average loss: 1.7841  
Iteration: 501; Percent complete: 12.5%; Average loss: 1.6874  
Iteration: 502; Percent complete: 12.6%; Average loss: 2.0876  
Iteration: 503; Percent complete: 12.6%; Average loss: 1.8674  
Iteration: 504; Percent complete: 12.6%; Average loss: 1.9163  
Iteration: 505; Percent complete: 12.6%; Average loss: 1.8924  
Iteration: 506; Percent complete: 12.7%; Average loss: 2.0859  
Iteration: 507; Percent complete: 12.7%; Average loss: 1.9016  
Iteration: 508; Percent complete: 12.7%; Average loss: 1.6982  
Iteration: 509; Percent complete: 12.7%; Average loss: 1.7578  
Iteration: 510; Percent complete: 12.8%; Average loss: 1.9516  
Iteration: 511; Percent complete: 12.8%; Average loss: 2.0320  
Iteration: 512; Percent complete: 12.8%; Average loss: 2.3196  
Iteration: 513; Percent complete: 12.8%; Average loss: 1.8408  
Iteration: 514; Percent complete: 12.8%; Average loss: 2.1007  
Iteration: 515; Percent complete: 12.9%; Average loss: 1.9597  
Iteration: 516; Percent complete: 12.9%; Average loss: 2.1030  
Iteration: 517; Percent complete: 12.9%; Average loss: 1.9732  
Iteration: 518; Percent complete: 13.0%; Average loss: 2.0289  
Iteration: 519; Percent complete: 13.0%; Average loss: 2.1329  
Iteration: 520; Percent complete: 13.0%; Average loss: 1.9592  
Iteration: 521; Percent complete: 13.0%; Average loss: 1.7386  
Iteration: 522; Percent complete: 13.1%; Average loss: 2.0932  
Iteration: 523; Percent complete: 13.1%; Average loss: 1.9474  
Iteration: 524; Percent complete: 13.1%; Average loss: 2.2247  
Iteration: 525; Percent complete: 13.1%; Average loss: 2.0698  
Iteration: 526; Percent complete: 13.2%; Average loss: 2.0185  
Iteration: 527; Percent complete: 13.2%; Average loss: 1.9360  
Iteration: 528; Percent complete: 13.2%; Average loss: 2.1281  
Iteration: 529; Percent complete: 13.2%; Average loss: 1.8066  
Iteration: 530; Percent complete: 13.2%; Average loss: 1.9176  
Iteration: 531; Percent complete: 13.3%; Average loss: 1.8318  
Iteration: 532; Percent complete: 13.3%; Average loss: 2.1290  
Iteration: 533; Percent complete: 13.3%; Average loss: 2.1258  
Iteration: 534; Percent complete: 13.4%; Average loss: 1.8592  
Iteration: 535; Percent complete: 13.4%; Average loss: 1.9537  
Iteration: 536; Percent complete: 13.4%; Average loss: 1.8357  
Iteration: 537; Percent complete: 13.4%; Average loss: 2.3402  
Iteration: 538; Percent complete: 13.5%; Average loss: 1.8888  
Iteration: 539; Percent complete: 13.5%; Average loss: 1.9286  
Iteration: 540; Percent complete: 13.5%; Average loss: 2.0675

Iteration: 541; Percent complete: 13.5%; Average loss: 1.8614  
Iteration: 542; Percent complete: 13.6%; Average loss: 1.9108  
Iteration: 543; Percent complete: 13.6%; Average loss: 2.0017  
Iteration: 544; Percent complete: 13.6%; Average loss: 2.1289  
Iteration: 545; Percent complete: 13.6%; Average loss: 1.7672  
Iteration: 546; Percent complete: 13.7%; Average loss: 2.0296  
Iteration: 547; Percent complete: 13.7%; Average loss: 1.9487  
Iteration: 548; Percent complete: 13.7%; Average loss: 2.1740  
Iteration: 549; Percent complete: 13.7%; Average loss: 1.9470  
Iteration: 550; Percent complete: 13.8%; Average loss: 1.8162  
Iteration: 551; Percent complete: 13.8%; Average loss: 2.0243  
Iteration: 552; Percent complete: 13.8%; Average loss: 2.1688  
Iteration: 553; Percent complete: 13.8%; Average loss: 1.9241  
Iteration: 554; Percent complete: 13.9%; Average loss: 1.8689  
Iteration: 555; Percent complete: 13.9%; Average loss: 2.0344  
Iteration: 556; Percent complete: 13.9%; Average loss: 1.9159  
Iteration: 557; Percent complete: 13.9%; Average loss: 2.2512  
Iteration: 558; Percent complete: 14.0%; Average loss: 1.8152  
Iteration: 559; Percent complete: 14.0%; Average loss: 1.6855  
Iteration: 560; Percent complete: 14.0%; Average loss: 1.9802  
Iteration: 561; Percent complete: 14.0%; Average loss: 2.0271  
Iteration: 562; Percent complete: 14.1%; Average loss: 1.6425  
Iteration: 563; Percent complete: 14.1%; Average loss: 1.7269  
Iteration: 564; Percent complete: 14.1%; Average loss: 2.0960  
Iteration: 565; Percent complete: 14.1%; Average loss: 2.0994  
Iteration: 566; Percent complete: 14.1%; Average loss: 2.0289  
Iteration: 567; Percent complete: 14.2%; Average loss: 1.8442  
Iteration: 568; Percent complete: 14.2%; Average loss: 2.0677  
Iteration: 569; Percent complete: 14.2%; Average loss: 2.0658  
Iteration: 570; Percent complete: 14.2%; Average loss: 1.9409  
Iteration: 571; Percent complete: 14.3%; Average loss: 2.1615  
Iteration: 572; Percent complete: 14.3%; Average loss: 1.8892  
Iteration: 573; Percent complete: 14.3%; Average loss: 1.9308  
Iteration: 574; Percent complete: 14.3%; Average loss: 1.9996  
Iteration: 575; Percent complete: 14.4%; Average loss: 1.8582  
Iteration: 576; Percent complete: 14.4%; Average loss: 1.9105  
Iteration: 577; Percent complete: 14.4%; Average loss: 1.9397  
Iteration: 578; Percent complete: 14.4%; Average loss: 2.1041  
Iteration: 579; Percent complete: 14.5%; Average loss: 2.1384  
Iteration: 580; Percent complete: 14.5%; Average loss: 1.9011  
Iteration: 581; Percent complete: 14.5%; Average loss: 2.3808  
Iteration: 582; Percent complete: 14.5%; Average loss: 1.7574  
Iteration: 583; Percent complete: 14.6%; Average loss: 1.9429  
Iteration: 584; Percent complete: 14.6%; Average loss: 1.9932  
Iteration: 585; Percent complete: 14.6%; Average loss: 2.2093  
Iteration: 586; Percent complete: 14.6%; Average loss: 2.1829  
Iteration: 587; Percent complete: 14.7%; Average loss: 1.8877  
Iteration: 588; Percent complete: 14.7%; Average loss: 2.0409  
Iteration: 589; Percent complete: 14.7%; Average loss: 1.8222  
Iteration: 590; Percent complete: 14.8%; Average loss: 2.1216  
Iteration: 591; Percent complete: 14.8%; Average loss: 1.7769  
Iteration: 592; Percent complete: 14.8%; Average loss: 2.0009  
Iteration: 593; Percent complete: 14.8%; Average loss: 1.9376  
Iteration: 594; Percent complete: 14.8%; Average loss: 2.1666  
Iteration: 595; Percent complete: 14.9%; Average loss: 2.1100  
Iteration: 596; Percent complete: 14.9%; Average loss: 2.1240  
Iteration: 597; Percent complete: 14.9%; Average loss: 1.8297  
Iteration: 598; Percent complete: 14.9%; Average loss: 1.9486  
Iteration: 599; Percent complete: 15.0%; Average loss: 1.9893  
Iteration: 600; Percent complete: 15.0%; Average loss: 2.1006  
Iteration: 601; Percent complete: 15.0%; Average loss: 2.0180  
Iteration: 602; Percent complete: 15.0%; Average loss: 1.9444  
Iteration: 603; Percent complete: 15.1%; Average loss: 2.1994  
Iteration: 604; Percent complete: 15.1%; Average loss: 1.9485  
Iteration: 605; Percent complete: 15.1%; Average loss: 1.7125  
Iteration: 606; Percent complete: 15.2%; Average loss: 2.0542  
Iteration: 607; Percent complete: 15.2%; Average loss: 1.9925  
Iteration: 608; Percent complete: 15.2%; Average loss: 1.7699  
Iteration: 609; Percent complete: 15.2%; Average loss: 2.0286  
Iteration: 610; Percent complete: 15.2%; Average loss: 2.0556  
Iteration: 611; Percent complete: 15.3%; Average loss: 2.3267  
Iteration: 612; Percent complete: 15.3%; Average loss: 1.7606  
Iteration: 613; Percent complete: 15.3%; Average loss: 2.0957  
Iteration: 614; Percent complete: 15.3%; Average loss: 1.9434  
Iteration: 615; Percent complete: 15.4%; Average loss: 1.9393  
Iteration: 616; Percent complete: 15.4%; Average loss: 2.0224  
Iteration: 617; Percent complete: 15.4%; Average loss: 1.9223  
Iteration: 618; Percent complete: 15.4%; Average loss: 1.9324  
Iteration: 619; Percent complete: 15.5%; Average loss: 1.8209  
Iteration: 620; Percent complete: 15.5%; Average loss: 1.9365  
Iteration: 621; Percent complete: 15.5%; Average loss: 1.8418  
Iteration: 622; Percent complete: 15.6%; Average loss: 1.9002  
Iteration: 623; Percent complete: 15.6%; Average loss: 2.0107  
Iteration: 624; Percent complete: 15.6%; Average loss: 1.8063  
Iteration: 625; Percent complete: 15.6%; Average loss: 1.8913  
Iteration: 626; Percent complete: 15.7%; Average loss: 2.0883  
Iteration: 627; Percent complete: 15.7%; Average loss: 2.0452  
Iteration: 628; Percent complete: 15.7%; Average loss: 1.9201  
Iteration: 629; Percent complete: 15.7%; Average loss: 1.8609  
Iteration: 630; Percent complete: 15.8%; Average loss: 1.7594  
Iteration: 631; Percent complete: 15.8%; Average loss: 1.8410

Iteration: 632; Percent complete: 15.8%; Average loss: 2.0834  
Iteration: 633; Percent complete: 15.8%; Average loss: 1.8929  
Iteration: 634; Percent complete: 15.8%; Average loss: 2.0950  
Iteration: 635; Percent complete: 15.9%; Average loss: 2.0136  
Iteration: 636; Percent complete: 15.9%; Average loss: 1.9757  
Iteration: 637; Percent complete: 15.9%; Average loss: 1.7770  
Iteration: 638; Percent complete: 16.0%; Average loss: 1.8961  
Iteration: 639; Percent complete: 16.0%; Average loss: 1.9686  
Iteration: 640; Percent complete: 16.0%; Average loss: 1.7746  
Iteration: 641; Percent complete: 16.0%; Average loss: 2.0701  
Iteration: 642; Percent complete: 16.1%; Average loss: 2.0662  
Iteration: 643; Percent complete: 16.1%; Average loss: 2.0164  
Iteration: 644; Percent complete: 16.1%; Average loss: 2.0097  
Iteration: 645; Percent complete: 16.1%; Average loss: 1.9407  
Iteration: 646; Percent complete: 16.2%; Average loss: 1.7588  
Iteration: 647; Percent complete: 16.2%; Average loss: 1.9866  
Iteration: 648; Percent complete: 16.2%; Average loss: 2.0375  
Iteration: 649; Percent complete: 16.2%; Average loss: 1.9286  
Iteration: 650; Percent complete: 16.2%; Average loss: 2.0180  
Iteration: 651; Percent complete: 16.3%; Average loss: 1.7964  
Iteration: 652; Percent complete: 16.3%; Average loss: 2.0074  
Iteration: 653; Percent complete: 16.3%; Average loss: 1.8685  
Iteration: 654; Percent complete: 16.4%; Average loss: 2.0121  
Iteration: 655; Percent complete: 16.4%; Average loss: 1.8983  
Iteration: 656; Percent complete: 16.4%; Average loss: 2.0880  
Iteration: 657; Percent complete: 16.4%; Average loss: 1.9719  
Iteration: 658; Percent complete: 16.4%; Average loss: 1.8072  
Iteration: 659; Percent complete: 16.5%; Average loss: 1.7180  
Iteration: 660; Percent complete: 16.5%; Average loss: 1.8855  
Iteration: 661; Percent complete: 16.5%; Average loss: 1.8659  
Iteration: 662; Percent complete: 16.6%; Average loss: 1.8190  
Iteration: 663; Percent complete: 16.6%; Average loss: 2.0487  
Iteration: 664; Percent complete: 16.6%; Average loss: 1.8826  
Iteration: 665; Percent complete: 16.6%; Average loss: 2.1361  
Iteration: 666; Percent complete: 16.7%; Average loss: 1.7658  
Iteration: 667; Percent complete: 16.7%; Average loss: 1.9014  
Iteration: 668; Percent complete: 16.7%; Average loss: 1.8118  
Iteration: 669; Percent complete: 16.7%; Average loss: 1.8348  
Iteration: 670; Percent complete: 16.8%; Average loss: 2.1344  
Iteration: 671; Percent complete: 16.8%; Average loss: 1.7928  
Iteration: 672; Percent complete: 16.8%; Average loss: 1.8984  
Iteration: 673; Percent complete: 16.8%; Average loss: 1.9559  
Iteration: 674; Percent complete: 16.9%; Average loss: 2.0812  
Iteration: 675; Percent complete: 16.9%; Average loss: 1.7935  
Iteration: 676; Percent complete: 16.9%; Average loss: 1.9693  
Iteration: 677; Percent complete: 16.9%; Average loss: 2.0706  
Iteration: 678; Percent complete: 17.0%; Average loss: 2.0806  
Iteration: 679; Percent complete: 17.0%; Average loss: 1.8109  
Iteration: 680; Percent complete: 17.0%; Average loss: 1.9380  
Iteration: 681; Percent complete: 17.0%; Average loss: 2.0540  
Iteration: 682; Percent complete: 17.1%; Average loss: 2.2241  
Iteration: 683; Percent complete: 17.1%; Average loss: 2.2317  
Iteration: 684; Percent complete: 17.1%; Average loss: 1.9971  
Iteration: 685; Percent complete: 17.1%; Average loss: 1.9372  
Iteration: 686; Percent complete: 17.2%; Average loss: 1.9083  
Iteration: 687; Percent complete: 17.2%; Average loss: 2.0960  
Iteration: 688; Percent complete: 17.2%; Average loss: 1.9042  
Iteration: 689; Percent complete: 17.2%; Average loss: 1.6978  
Iteration: 690; Percent complete: 17.2%; Average loss: 2.0119  
Iteration: 691; Percent complete: 17.3%; Average loss: 1.6952  
Iteration: 692; Percent complete: 17.3%; Average loss: 2.1313  
Iteration: 693; Percent complete: 17.3%; Average loss: 1.8925  
Iteration: 694; Percent complete: 17.3%; Average loss: 1.6240  
Iteration: 695; Percent complete: 17.4%; Average loss: 2.1234  
Iteration: 696; Percent complete: 17.4%; Average loss: 1.8329  
Iteration: 697; Percent complete: 17.4%; Average loss: 2.0025  
Iteration: 698; Percent complete: 17.4%; Average loss: 1.8283  
Iteration: 699; Percent complete: 17.5%; Average loss: 2.1639  
Iteration: 700; Percent complete: 17.5%; Average loss: 1.6531  
Iteration: 701; Percent complete: 17.5%; Average loss: 1.8875  
Iteration: 702; Percent complete: 17.5%; Average loss: 2.1100  
Iteration: 703; Percent complete: 17.6%; Average loss: 2.2439  
Iteration: 704; Percent complete: 17.6%; Average loss: 1.9649  
Iteration: 705; Percent complete: 17.6%; Average loss: 1.7577  
Iteration: 706; Percent complete: 17.6%; Average loss: 2.0751  
Iteration: 707; Percent complete: 17.7%; Average loss: 1.8282  
Iteration: 708; Percent complete: 17.7%; Average loss: 1.7498  
Iteration: 709; Percent complete: 17.7%; Average loss: 2.0265  
Iteration: 710; Percent complete: 17.8%; Average loss: 1.7539  
Iteration: 711; Percent complete: 17.8%; Average loss: 1.9822  
Iteration: 712; Percent complete: 17.8%; Average loss: 1.9100  
Iteration: 713; Percent complete: 17.8%; Average loss: 1.8397  
Iteration: 714; Percent complete: 17.8%; Average loss: 1.8531  
Iteration: 715; Percent complete: 17.9%; Average loss: 2.0292  
Iteration: 716; Percent complete: 17.9%; Average loss: 1.8330  
Iteration: 717; Percent complete: 17.9%; Average loss: 2.0355  
Iteration: 718; Percent complete: 17.9%; Average loss: 1.8451  
Iteration: 719; Percent complete: 18.0%; Average loss: 1.9522  
Iteration: 720; Percent complete: 18.0%; Average loss: 1.6856  
Iteration: 721; Percent complete: 18.0%; Average loss: 2.1648  
Iteration: 722; Percent complete: 18.1%; Average loss: 2.2490

Iteration: 723; Percent complete: 18.1%; Average loss: 1.9482  
Iteration: 724; Percent complete: 18.1%; Average loss: 1.9233  
Iteration: 725; Percent complete: 18.1%; Average loss: 2.0159  
Iteration: 726; Percent complete: 18.1%; Average loss: 1.9676  
Iteration: 727; Percent complete: 18.2%; Average loss: 1.8398  
Iteration: 728; Percent complete: 18.2%; Average loss: 1.8666  
Iteration: 729; Percent complete: 18.2%; Average loss: 1.8793  
Iteration: 730; Percent complete: 18.2%; Average loss: 1.8873  
Iteration: 731; Percent complete: 18.3%; Average loss: 1.8567  
Iteration: 732; Percent complete: 18.3%; Average loss: 1.8165  
Iteration: 733; Percent complete: 18.3%; Average loss: 1.8570  
Iteration: 734; Percent complete: 18.4%; Average loss: 2.2279  
Iteration: 735; Percent complete: 18.4%; Average loss: 2.0234  
Iteration: 736; Percent complete: 18.4%; Average loss: 1.8682  
Iteration: 737; Percent complete: 18.4%; Average loss: 1.6766  
Iteration: 738; Percent complete: 18.4%; Average loss: 1.7498  
Iteration: 739; Percent complete: 18.5%; Average loss: 1.8976  
Iteration: 740; Percent complete: 18.5%; Average loss: 1.8241  
Iteration: 741; Percent complete: 18.5%; Average loss: 2.0361  
Iteration: 742; Percent complete: 18.6%; Average loss: 1.8580  
Iteration: 743; Percent complete: 18.6%; Average loss: 1.8407  
Iteration: 744; Percent complete: 18.6%; Average loss: 2.2069  
Iteration: 745; Percent complete: 18.6%; Average loss: 1.9464  
Iteration: 746; Percent complete: 18.6%; Average loss: 1.6646  
Iteration: 747; Percent complete: 18.7%; Average loss: 1.8524  
Iteration: 748; Percent complete: 18.7%; Average loss: 1.6503  
Iteration: 749; Percent complete: 18.7%; Average loss: 2.0167  
Iteration: 750; Percent complete: 18.8%; Average loss: 1.7286  
Iteration: 751; Percent complete: 18.8%; Average loss: 1.9412  
Iteration: 752; Percent complete: 18.8%; Average loss: 2.0827  
Iteration: 753; Percent complete: 18.8%; Average loss: 1.9846  
Iteration: 754; Percent complete: 18.9%; Average loss: 2.0234  
Iteration: 755; Percent complete: 18.9%; Average loss: 2.0468  
Iteration: 756; Percent complete: 18.9%; Average loss: 1.8936  
Iteration: 757; Percent complete: 18.9%; Average loss: 1.9142  
Iteration: 758; Percent complete: 18.9%; Average loss: 1.8304  
Iteration: 759; Percent complete: 19.0%; Average loss: 1.7829  
Iteration: 760; Percent complete: 19.0%; Average loss: 1.8100  
Iteration: 761; Percent complete: 19.0%; Average loss: 1.8595  
Iteration: 762; Percent complete: 19.1%; Average loss: 1.9733  
Iteration: 763; Percent complete: 19.1%; Average loss: 1.9702  
Iteration: 764; Percent complete: 19.1%; Average loss: 1.8021  
Iteration: 765; Percent complete: 19.1%; Average loss: 1.8780  
Iteration: 766; Percent complete: 19.1%; Average loss: 1.8805  
Iteration: 767; Percent complete: 19.2%; Average loss: 1.9034  
Iteration: 768; Percent complete: 19.2%; Average loss: 2.0097  
Iteration: 769; Percent complete: 19.2%; Average loss: 1.5980  
Iteration: 770; Percent complete: 19.2%; Average loss: 1.7682  
Iteration: 771; Percent complete: 19.3%; Average loss: 2.2057  
Iteration: 772; Percent complete: 19.3%; Average loss: 1.8739  
Iteration: 773; Percent complete: 19.3%; Average loss: 1.9794  
Iteration: 774; Percent complete: 19.4%; Average loss: 1.9315  
Iteration: 775; Percent complete: 19.4%; Average loss: 2.0314  
Iteration: 776; Percent complete: 19.4%; Average loss: 2.1349  
Iteration: 777; Percent complete: 19.4%; Average loss: 1.8068  
Iteration: 778; Percent complete: 19.4%; Average loss: 1.9909  
Iteration: 779; Percent complete: 19.5%; Average loss: 2.0543  
Iteration: 780; Percent complete: 19.5%; Average loss: 1.8976  
Iteration: 781; Percent complete: 19.5%; Average loss: 1.9283  
Iteration: 782; Percent complete: 19.6%; Average loss: 2.0638  
Iteration: 783; Percent complete: 19.6%; Average loss: 1.8289  
Iteration: 784; Percent complete: 19.6%; Average loss: 1.7258  
Iteration: 785; Percent complete: 19.6%; Average loss: 1.7812  
Iteration: 786; Percent complete: 19.7%; Average loss: 1.9885  
Iteration: 787; Percent complete: 19.7%; Average loss: 1.8186  
Iteration: 788; Percent complete: 19.7%; Average loss: 1.8886  
Iteration: 789; Percent complete: 19.7%; Average loss: 2.0344  
Iteration: 790; Percent complete: 19.8%; Average loss: 1.7106  
Iteration: 791; Percent complete: 19.8%; Average loss: 1.6580  
Iteration: 792; Percent complete: 19.8%; Average loss: 2.0362  
Iteration: 793; Percent complete: 19.8%; Average loss: 1.8289  
Iteration: 794; Percent complete: 19.9%; Average loss: 1.7762  
Iteration: 795; Percent complete: 19.9%; Average loss: 1.8746  
Iteration: 796; Percent complete: 19.9%; Average loss: 1.8810  
Iteration: 797; Percent complete: 19.9%; Average loss: 1.7508  
Iteration: 798; Percent complete: 20.0%; Average loss: 1.9471  
Iteration: 799; Percent complete: 20.0%; Average loss: 1.8577  
Iteration: 800; Percent complete: 20.0%; Average loss: 1.8859  
Iteration: 801; Percent complete: 20.0%; Average loss: 2.0766  
Iteration: 802; Percent complete: 20.1%; Average loss: 1.6368  
Iteration: 803; Percent complete: 20.1%; Average loss: 1.7647  
Iteration: 804; Percent complete: 20.1%; Average loss: 1.7294  
Iteration: 805; Percent complete: 20.1%; Average loss: 1.8875  
Iteration: 806; Percent complete: 20.2%; Average loss: 1.9148  
Iteration: 807; Percent complete: 20.2%; Average loss: 1.8990  
Iteration: 808; Percent complete: 20.2%; Average loss: 1.7966  
Iteration: 809; Percent complete: 20.2%; Average loss: 2.1581  
Iteration: 810; Percent complete: 20.2%; Average loss: 1.5837  
Iteration: 811; Percent complete: 20.3%; Average loss: 1.9085  
Iteration: 812; Percent complete: 20.3%; Average loss: 1.9102  
Iteration: 813; Percent complete: 20.3%; Average loss: 2.0256  
Iteration: 814; Percent complete: 20.3%; Average loss: 2.0157

Iteration: 814; Percent complete: 20.3%; Average loss: 2.0137  
Iteration: 815; Percent complete: 20.4%; Average loss: 1.8865  
Iteration: 816; Percent complete: 20.4%; Average loss: 1.9416  
Iteration: 817; Percent complete: 20.4%; Average loss: 1.7889  
Iteration: 818; Percent complete: 20.4%; Average loss: 2.0452  
Iteration: 819; Percent complete: 20.5%; Average loss: 2.1302  
Iteration: 820; Percent complete: 20.5%; Average loss: 1.8470  
Iteration: 821; Percent complete: 20.5%; Average loss: 1.6032  
Iteration: 822; Percent complete: 20.5%; Average loss: 1.9451  
Iteration: 823; Percent complete: 20.6%; Average loss: 1.5933  
Iteration: 824; Percent complete: 20.6%; Average loss: 1.9355  
Iteration: 825; Percent complete: 20.6%; Average loss: 1.7262  
Iteration: 826; Percent complete: 20.6%; Average loss: 1.8913  
Iteration: 827; Percent complete: 20.7%; Average loss: 1.8491  
Iteration: 828; Percent complete: 20.7%; Average loss: 1.9623  
Iteration: 829; Percent complete: 20.7%; Average loss: 2.1253  
Iteration: 830; Percent complete: 20.8%; Average loss: 1.7729  
Iteration: 831; Percent complete: 20.8%; Average loss: 2.0290  
Iteration: 832; Percent complete: 20.8%; Average loss: 2.0313  
Iteration: 833; Percent complete: 20.8%; Average loss: 1.7752  
Iteration: 834; Percent complete: 20.8%; Average loss: 2.0015  
Iteration: 835; Percent complete: 20.9%; Average loss: 1.8318  
Iteration: 836; Percent complete: 20.9%; Average loss: 1.9120  
Iteration: 837; Percent complete: 20.9%; Average loss: 1.8589  
Iteration: 838; Percent complete: 20.9%; Average loss: 1.9403  
Iteration: 839; Percent complete: 21.0%; Average loss: 1.8915  
Iteration: 840; Percent complete: 21.0%; Average loss: 1.9906  
Iteration: 841; Percent complete: 21.0%; Average loss: 2.0217  
Iteration: 842; Percent complete: 21.1%; Average loss: 1.9076  
Iteration: 843; Percent complete: 21.1%; Average loss: 1.8899  
Iteration: 844; Percent complete: 21.1%; Average loss: 1.8478  
Iteration: 845; Percent complete: 21.1%; Average loss: 2.1234  
Iteration: 846; Percent complete: 21.1%; Average loss: 1.9201  
Iteration: 847; Percent complete: 21.2%; Average loss: 2.0780  
Iteration: 848; Percent complete: 21.2%; Average loss: 1.8613  
Iteration: 849; Percent complete: 21.2%; Average loss: 2.0170  
Iteration: 850; Percent complete: 21.2%; Average loss: 1.8203  
Iteration: 851; Percent complete: 21.3%; Average loss: 1.9456  
Iteration: 852; Percent complete: 21.3%; Average loss: 1.8627  
Iteration: 853; Percent complete: 21.3%; Average loss: 1.8217  
Iteration: 854; Percent complete: 21.3%; Average loss: 1.9932  
Iteration: 855; Percent complete: 21.4%; Average loss: 2.0486  
Iteration: 856; Percent complete: 21.4%; Average loss: 1.8043  
Iteration: 857; Percent complete: 21.4%; Average loss: 1.9907  
Iteration: 858; Percent complete: 21.4%; Average loss: 1.8562  
Iteration: 859; Percent complete: 21.5%; Average loss: 1.9202  
Iteration: 860; Percent complete: 21.5%; Average loss: 2.1760  
Iteration: 861; Percent complete: 21.5%; Average loss: 1.8136  
Iteration: 862; Percent complete: 21.6%; Average loss: 1.7212  
Iteration: 863; Percent complete: 21.6%; Average loss: 1.6840  
Iteration: 864; Percent complete: 21.6%; Average loss: 1.7260  
Iteration: 865; Percent complete: 21.6%; Average loss: 1.8193  
Iteration: 866; Percent complete: 21.6%; Average loss: 1.9406  
Iteration: 867; Percent complete: 21.7%; Average loss: 1.8716  
Iteration: 868; Percent complete: 21.7%; Average loss: 2.0124  
Iteration: 869; Percent complete: 21.7%; Average loss: 1.7934  
Iteration: 870; Percent complete: 21.8%; Average loss: 1.7569  
Iteration: 871; Percent complete: 21.8%; Average loss: 1.8096  
Iteration: 872; Percent complete: 21.8%; Average loss: 1.8749  
Iteration: 873; Percent complete: 21.8%; Average loss: 1.8815  
Iteration: 874; Percent complete: 21.9%; Average loss: 1.7088  
Iteration: 875; Percent complete: 21.9%; Average loss: 2.0444  
Iteration: 876; Percent complete: 21.9%; Average loss: 2.0796  
Iteration: 877; Percent complete: 21.9%; Average loss: 1.9548  
Iteration: 878; Percent complete: 21.9%; Average loss: 2.0367  
Iteration: 879; Percent complete: 22.0%; Average loss: 1.9562  
Iteration: 880; Percent complete: 22.0%; Average loss: 1.6741  
Iteration: 881; Percent complete: 22.0%; Average loss: 1.9420  
Iteration: 882; Percent complete: 22.1%; Average loss: 2.0113  
Iteration: 883; Percent complete: 22.1%; Average loss: 1.7015  
Iteration: 884; Percent complete: 22.1%; Average loss: 1.7433  
Iteration: 885; Percent complete: 22.1%; Average loss: 1.9217  
Iteration: 886; Percent complete: 22.1%; Average loss: 1.7428  
Iteration: 887; Percent complete: 22.2%; Average loss: 1.9743  
Iteration: 888; Percent complete: 22.2%; Average loss: 1.8269  
Iteration: 889; Percent complete: 22.2%; Average loss: 2.1766  
Iteration: 890; Percent complete: 22.2%; Average loss: 1.8464  
Iteration: 891; Percent complete: 22.3%; Average loss: 1.9056  
Iteration: 892; Percent complete: 22.3%; Average loss: 1.7823  
Iteration: 893; Percent complete: 22.3%; Average loss: 1.8082  
Iteration: 894; Percent complete: 22.4%; Average loss: 2.0976  
Iteration: 895; Percent complete: 22.4%; Average loss: 1.7526  
Iteration: 896; Percent complete: 22.4%; Average loss: 1.8557  
Iteration: 897; Percent complete: 22.4%; Average loss: 1.9459  
Iteration: 898; Percent complete: 22.4%; Average loss: 1.8224  
Iteration: 899; Percent complete: 22.5%; Average loss: 1.8143  
Iteration: 900; Percent complete: 22.5%; Average loss: 1.8936  
Iteration: 901; Percent complete: 22.5%; Average loss: 1.7583  
Iteration: 902; Percent complete: 22.6%; Average loss: 1.9083  
Iteration: 903; Percent complete: 22.6%; Average loss: 1.9483  
Iteration: 904; Percent complete: 22.6%; Average loss: 2.0308  
Iteration: 905; Percent complete: 22.6%; Average loss: 1.8740

Iteration: 906; Percent complete: 22.7%; Average loss: 1.8984  
Iteration: 907; Percent complete: 22.7%; Average loss: 1.9840  
Iteration: 908; Percent complete: 22.7%; Average loss: 1.9590  
Iteration: 909; Percent complete: 22.7%; Average loss: 1.5339  
Iteration: 910; Percent complete: 22.8%; Average loss: 1.7523  
Iteration: 911; Percent complete: 22.8%; Average loss: 1.7559  
Iteration: 912; Percent complete: 22.8%; Average loss: 1.7247  
Iteration: 913; Percent complete: 22.8%; Average loss: 1.9938  
Iteration: 914; Percent complete: 22.9%; Average loss: 2.0288  
Iteration: 915; Percent complete: 22.9%; Average loss: 1.9463  
Iteration: 916; Percent complete: 22.9%; Average loss: 2.1371  
Iteration: 917; Percent complete: 22.9%; Average loss: 2.0122  
Iteration: 918; Percent complete: 22.9%; Average loss: 1.8282  
Iteration: 919; Percent complete: 23.0%; Average loss: 1.6184  
Iteration: 920; Percent complete: 23.0%; Average loss: 2.0007  
Iteration: 921; Percent complete: 23.0%; Average loss: 1.9379  
Iteration: 922; Percent complete: 23.1%; Average loss: 1.9339  
Iteration: 923; Percent complete: 23.1%; Average loss: 2.0412  
Iteration: 924; Percent complete: 23.1%; Average loss: 1.7182  
Iteration: 925; Percent complete: 23.1%; Average loss: 2.0390  
Iteration: 926; Percent complete: 23.2%; Average loss: 2.1330  
Iteration: 927; Percent complete: 23.2%; Average loss: 1.8930  
Iteration: 928; Percent complete: 23.2%; Average loss: 1.8480  
Iteration: 929; Percent complete: 23.2%; Average loss: 2.0191  
Iteration: 930; Percent complete: 23.2%; Average loss: 1.8633  
Iteration: 931; Percent complete: 23.3%; Average loss: 1.9437  
Iteration: 932; Percent complete: 23.3%; Average loss: 1.9920  
Iteration: 933; Percent complete: 23.3%; Average loss: 1.7295  
Iteration: 934; Percent complete: 23.4%; Average loss: 1.8719  
Iteration: 935; Percent complete: 23.4%; Average loss: 1.9198  
Iteration: 936; Percent complete: 23.4%; Average loss: 1.9439  
Iteration: 937; Percent complete: 23.4%; Average loss: 1.9683  
Iteration: 938; Percent complete: 23.4%; Average loss: 1.9466  
Iteration: 939; Percent complete: 23.5%; Average loss: 1.7830  
Iteration: 940; Percent complete: 23.5%; Average loss: 1.8611  
Iteration: 941; Percent complete: 23.5%; Average loss: 2.1120  
Iteration: 942; Percent complete: 23.5%; Average loss: 2.0539  
Iteration: 943; Percent complete: 23.6%; Average loss: 1.7212  
Iteration: 944; Percent complete: 23.6%; Average loss: 1.9213  
Iteration: 945; Percent complete: 23.6%; Average loss: 1.3726  
Iteration: 946; Percent complete: 23.6%; Average loss: 1.8951  
Iteration: 947; Percent complete: 23.7%; Average loss: 1.8028  
Iteration: 948; Percent complete: 23.7%; Average loss: 1.8970  
Iteration: 949; Percent complete: 23.7%; Average loss: 1.9912  
Iteration: 950; Percent complete: 23.8%; Average loss: 1.6717  
Iteration: 951; Percent complete: 23.8%; Average loss: 1.7569  
Iteration: 952; Percent complete: 23.8%; Average loss: 1.7093  
Iteration: 953; Percent complete: 23.8%; Average loss: 1.9494  
Iteration: 954; Percent complete: 23.8%; Average loss: 2.0175  
Iteration: 955; Percent complete: 23.9%; Average loss: 1.9389  
Iteration: 956; Percent complete: 23.9%; Average loss: 1.7479  
Iteration: 957; Percent complete: 23.9%; Average loss: 1.7045  
Iteration: 958; Percent complete: 23.9%; Average loss: 1.8970  
Iteration: 959; Percent complete: 24.0%; Average loss: 1.8694  
Iteration: 960; Percent complete: 24.0%; Average loss: 1.9159  
Iteration: 961; Percent complete: 24.0%; Average loss: 1.8733  
Iteration: 962; Percent complete: 24.1%; Average loss: 1.8702  
Iteration: 963; Percent complete: 24.1%; Average loss: 2.1001  
Iteration: 964; Percent complete: 24.1%; Average loss: 1.8078  
Iteration: 965; Percent complete: 24.1%; Average loss: 2.2208  
Iteration: 966; Percent complete: 24.1%; Average loss: 1.8199  
Iteration: 967; Percent complete: 24.2%; Average loss: 2.1814  
Iteration: 968; Percent complete: 24.2%; Average loss: 1.8924  
Iteration: 969; Percent complete: 24.2%; Average loss: 1.6074  
Iteration: 970; Percent complete: 24.2%; Average loss: 1.4818  
Iteration: 971; Percent complete: 24.3%; Average loss: 1.9053  
Iteration: 972; Percent complete: 24.3%; Average loss: 1.8761  
Iteration: 973; Percent complete: 24.3%; Average loss: 1.7241  
Iteration: 974; Percent complete: 24.3%; Average loss: 1.8292  
Iteration: 975; Percent complete: 24.4%; Average loss: 1.8246  
Iteration: 976; Percent complete: 24.4%; Average loss: 1.9283  
Iteration: 977; Percent complete: 24.4%; Average loss: 1.8094  
Iteration: 978; Percent complete: 24.4%; Average loss: 1.7107  
Iteration: 979; Percent complete: 24.5%; Average loss: 1.7629  
Iteration: 980; Percent complete: 24.5%; Average loss: 1.7407  
Iteration: 981; Percent complete: 24.5%; Average loss: 1.8980  
Iteration: 982; Percent complete: 24.6%; Average loss: 1.9885  
Iteration: 983; Percent complete: 24.6%; Average loss: 1.6725  
Iteration: 984; Percent complete: 24.6%; Average loss: 1.8898  
Iteration: 985; Percent complete: 24.6%; Average loss: 1.8601  
Iteration: 986; Percent complete: 24.6%; Average loss: 2.0282  
Iteration: 987; Percent complete: 24.7%; Average loss: 1.6550  
Iteration: 988; Percent complete: 24.7%; Average loss: 1.8217  
Iteration: 989; Percent complete: 24.7%; Average loss: 1.9093  
Iteration: 990; Percent complete: 24.8%; Average loss: 1.9708  
Iteration: 991; Percent complete: 24.8%; Average loss: 1.9323  
Iteration: 992; Percent complete: 24.8%; Average loss: 1.8652  
Iteration: 993; Percent complete: 24.8%; Average loss: 1.7343  
Iteration: 994; Percent complete: 24.9%; Average loss: 1.8625  
Iteration: 995; Percent complete: 24.9%; Average loss: 1.6586  
Iteration: 996; Percent complete: 24.9%; Average loss: 1.9121

Iteration: 997; Percent complete: 24.9%; Average loss: 1.8842  
Iteration: 998; Percent complete: 24.9%; Average loss: 1.6128  
Iteration: 999; Percent complete: 25.0%; Average loss: 1.9154  
Iteration: 1000; Percent complete: 25.0%; Average loss: 1.9843  
Iteration: 1001; Percent complete: 25.0%; Average loss: 1.9820  
Iteration: 1002; Percent complete: 25.1%; Average loss: 1.9889  
Iteration: 1003; Percent complete: 25.1%; Average loss: 1.8410  
Iteration: 1004; Percent complete: 25.1%; Average loss: 1.8134  
Iteration: 1005; Percent complete: 25.1%; Average loss: 1.7482  
Iteration: 1006; Percent complete: 25.1%; Average loss: 1.9789  
Iteration: 1007; Percent complete: 25.2%; Average loss: 1.5835  
Iteration: 1008; Percent complete: 25.2%; Average loss: 1.7999  
Iteration: 1009; Percent complete: 25.2%; Average loss: 1.8899  
Iteration: 1010; Percent complete: 25.2%; Average loss: 1.9329  
Iteration: 1011; Percent complete: 25.3%; Average loss: 1.9980  
Iteration: 1012; Percent complete: 25.3%; Average loss: 1.6969  
Iteration: 1013; Percent complete: 25.3%; Average loss: 1.9132  
Iteration: 1014; Percent complete: 25.4%; Average loss: 1.6145  
Iteration: 1015; Percent complete: 25.4%; Average loss: 1.8198  
Iteration: 1016; Percent complete: 25.4%; Average loss: 1.9143  
Iteration: 1017; Percent complete: 25.4%; Average loss: 1.7649  
Iteration: 1018; Percent complete: 25.4%; Average loss: 1.7498  
Iteration: 1019; Percent complete: 25.5%; Average loss: 1.9306  
Iteration: 1020; Percent complete: 25.5%; Average loss: 2.1051  
Iteration: 1021; Percent complete: 25.5%; Average loss: 1.8855  
Iteration: 1022; Percent complete: 25.6%; Average loss: 1.4788  
Iteration: 1023; Percent complete: 25.6%; Average loss: 1.7791  
Iteration: 1024; Percent complete: 25.6%; Average loss: 1.9146  
Iteration: 1025; Percent complete: 25.6%; Average loss: 1.6073  
Iteration: 1026; Percent complete: 25.7%; Average loss: 1.7649  
Iteration: 1027; Percent complete: 25.7%; Average loss: 1.9347  
Iteration: 1028; Percent complete: 25.7%; Average loss: 1.8344  
Iteration: 1029; Percent complete: 25.7%; Average loss: 1.5708  
Iteration: 1030; Percent complete: 25.8%; Average loss: 1.8059  
Iteration: 1031; Percent complete: 25.8%; Average loss: 1.6626  
Iteration: 1032; Percent complete: 25.8%; Average loss: 2.0135  
Iteration: 1033; Percent complete: 25.8%; Average loss: 1.8081  
Iteration: 1034; Percent complete: 25.9%; Average loss: 1.9131  
Iteration: 1035; Percent complete: 25.9%; Average loss: 1.9670  
Iteration: 1036; Percent complete: 25.9%; Average loss: 1.8505  
Iteration: 1037; Percent complete: 25.9%; Average loss: 1.9762  
Iteration: 1038; Percent complete: 25.9%; Average loss: 1.8014  
Iteration: 1039; Percent complete: 26.0%; Average loss: 1.6968  
Iteration: 1040; Percent complete: 26.0%; Average loss: 1.9240  
Iteration: 1041; Percent complete: 26.0%; Average loss: 1.7483  
Iteration: 1042; Percent complete: 26.1%; Average loss: 1.8718  
Iteration: 1043; Percent complete: 26.1%; Average loss: 2.0919  
Iteration: 1044; Percent complete: 26.1%; Average loss: 1.7918  
Iteration: 1045; Percent complete: 26.1%; Average loss: 1.9060  
Iteration: 1046; Percent complete: 26.2%; Average loss: 1.6912  
Iteration: 1047; Percent complete: 26.2%; Average loss: 1.7844  
Iteration: 1048; Percent complete: 26.2%; Average loss: 1.7452  
Iteration: 1049; Percent complete: 26.2%; Average loss: 1.6656  
Iteration: 1050; Percent complete: 26.2%; Average loss: 2.2065  
Iteration: 1051; Percent complete: 26.3%; Average loss: 1.7365  
Iteration: 1052; Percent complete: 26.3%; Average loss: 1.7657  
Iteration: 1053; Percent complete: 26.3%; Average loss: 1.8907  
Iteration: 1054; Percent complete: 26.4%; Average loss: 1.6122  
Iteration: 1055; Percent complete: 26.4%; Average loss: 1.7840  
Iteration: 1056; Percent complete: 26.4%; Average loss: 1.9059  
Iteration: 1057; Percent complete: 26.4%; Average loss: 1.6297  
Iteration: 1058; Percent complete: 26.5%; Average loss: 1.7551  
Iteration: 1059; Percent complete: 26.5%; Average loss: 1.6672  
Iteration: 1060; Percent complete: 26.5%; Average loss: 1.7836  
Iteration: 1061; Percent complete: 26.5%; Average loss: 1.9078  
Iteration: 1062; Percent complete: 26.6%; Average loss: 1.9981  
Iteration: 1063; Percent complete: 26.6%; Average loss: 1.7780  
Iteration: 1064; Percent complete: 26.6%; Average loss: 1.7151  
Iteration: 1065; Percent complete: 26.6%; Average loss: 1.7944  
Iteration: 1066; Percent complete: 26.7%; Average loss: 1.8150  
Iteration: 1067; Percent complete: 26.7%; Average loss: 1.7307  
Iteration: 1068; Percent complete: 26.7%; Average loss: 1.6542  
Iteration: 1069; Percent complete: 26.7%; Average loss: 1.8853  
Iteration: 1070; Percent complete: 26.8%; Average loss: 1.7007  
Iteration: 1071; Percent complete: 26.8%; Average loss: 1.6973  
Iteration: 1072; Percent complete: 26.8%; Average loss: 1.9155  
Iteration: 1073; Percent complete: 26.8%; Average loss: 1.7581  
Iteration: 1074; Percent complete: 26.9%; Average loss: 1.8171  
Iteration: 1075; Percent complete: 26.9%; Average loss: 1.8795  
Iteration: 1076; Percent complete: 26.9%; Average loss: 1.7765  
Iteration: 1077; Percent complete: 26.9%; Average loss: 1.9609  
Iteration: 1078; Percent complete: 27.0%; Average loss: 1.9192  
Iteration: 1079; Percent complete: 27.0%; Average loss: 1.6163  
Iteration: 1080; Percent complete: 27.0%; Average loss: 1.9631  
Iteration: 1081; Percent complete: 27.0%; Average loss: 1.6559  
Iteration: 1082; Percent complete: 27.1%; Average loss: 1.7811  
Iteration: 1083; Percent complete: 27.1%; Average loss: 1.9813  
Iteration: 1084; Percent complete: 27.1%; Average loss: 1.8397  
Iteration: 1085; Percent complete: 27.1%; Average loss: 1.5437  
Iteration: 1086; Percent complete: 27.2%; Average loss: 1.6420  
Iteration: 1087; Percent complete: 27.2%; Average loss: 1.9890



Iteration: 1088; Percent complete: 27.2%; Average loss: 1.7387  
Iteration: 1089; Percent complete: 27.2%; Average loss: 1.7973  
Iteration: 1090; Percent complete: 27.3%; Average loss: 1.5979  
Iteration: 1091; Percent complete: 27.3%; Average loss: 1.8152  
Iteration: 1092; Percent complete: 27.3%; Average loss: 1.9842  
Iteration: 1093; Percent complete: 27.3%; Average loss: 1.8794  
Iteration: 1094; Percent complete: 27.4%; Average loss: 1.8410  
Iteration: 1095; Percent complete: 27.4%; Average loss: 1.9035  
Iteration: 1096; Percent complete: 27.4%; Average loss: 2.1325  
Iteration: 1097; Percent complete: 27.4%; Average loss: 1.9541  
Iteration: 1098; Percent complete: 27.5%; Average loss: 1.6145  
Iteration: 1099; Percent complete: 27.5%; Average loss: 1.8016  
Iteration: 1100; Percent complete: 27.5%; Average loss: 1.8668  
Iteration: 1101; Percent complete: 27.5%; Average loss: 1.7750  
Iteration: 1102; Percent complete: 27.6%; Average loss: 1.8953  
Iteration: 1103; Percent complete: 27.6%; Average loss: 1.7296  
Iteration: 1104; Percent complete: 27.6%; Average loss: 1.9571  
Iteration: 1105; Percent complete: 27.6%; Average loss: 1.8946  
Iteration: 1106; Percent complete: 27.7%; Average loss: 2.0356  
Iteration: 1107; Percent complete: 27.7%; Average loss: 1.6179  
Iteration: 1108; Percent complete: 27.7%; Average loss: 1.6531  
Iteration: 1109; Percent complete: 27.7%; Average loss: 1.7696  
Iteration: 1110; Percent complete: 27.8%; Average loss: 1.9155  
Iteration: 1111; Percent complete: 27.8%; Average loss: 1.8477  
Iteration: 1112; Percent complete: 27.8%; Average loss: 1.8451  
Iteration: 1113; Percent complete: 27.8%; Average loss: 1.8499  
Iteration: 1114; Percent complete: 27.9%; Average loss: 1.7792  
Iteration: 1115; Percent complete: 27.9%; Average loss: 1.8287  
Iteration: 1116; Percent complete: 27.9%; Average loss: 1.7258  
Iteration: 1117; Percent complete: 27.9%; Average loss: 1.7347  
Iteration: 1118; Percent complete: 28.0%; Average loss: 1.7722  
Iteration: 1119; Percent complete: 28.0%; Average loss: 1.6684  
Iteration: 1120; Percent complete: 28.0%; Average loss: 1.8488  
Iteration: 1121; Percent complete: 28.0%; Average loss: 1.6580  
Iteration: 1122; Percent complete: 28.1%; Average loss: 1.8760  
Iteration: 1123; Percent complete: 28.1%; Average loss: 1.6705  
Iteration: 1124; Percent complete: 28.1%; Average loss: 1.9589  
Iteration: 1125; Percent complete: 28.1%; Average loss: 1.8829  
Iteration: 1126; Percent complete: 28.1%; Average loss: 1.7700  
Iteration: 1127; Percent complete: 28.2%; Average loss: 1.6669  
Iteration: 1128; Percent complete: 28.2%; Average loss: 1.6781  
Iteration: 1129; Percent complete: 28.2%; Average loss: 1.9266  
Iteration: 1130; Percent complete: 28.2%; Average loss: 1.7076  
Iteration: 1131; Percent complete: 28.3%; Average loss: 1.7439  
Iteration: 1132; Percent complete: 28.3%; Average loss: 1.8001  
Iteration: 1133; Percent complete: 28.3%; Average loss: 1.8021  
Iteration: 1134; Percent complete: 28.3%; Average loss: 1.8502  
Iteration: 1135; Percent complete: 28.4%; Average loss: 1.9107  
Iteration: 1136; Percent complete: 28.4%; Average loss: 1.5448  
Iteration: 1137; Percent complete: 28.4%; Average loss: 1.9061  
Iteration: 1138; Percent complete: 28.4%; Average loss: 1.7493  
Iteration: 1139; Percent complete: 28.5%; Average loss: 1.6891  
Iteration: 1140; Percent complete: 28.5%; Average loss: 1.8265  
Iteration: 1141; Percent complete: 28.5%; Average loss: 2.0966  
Iteration: 1142; Percent complete: 28.5%; Average loss: 1.8423  
Iteration: 1143; Percent complete: 28.6%; Average loss: 1.8104  
Iteration: 1144; Percent complete: 28.6%; Average loss: 1.7061  
Iteration: 1145; Percent complete: 28.6%; Average loss: 1.8556  
Iteration: 1146; Percent complete: 28.6%; Average loss: 1.6978  
Iteration: 1147; Percent complete: 28.7%; Average loss: 1.6952  
Iteration: 1148; Percent complete: 28.7%; Average loss: 1.6117  
Iteration: 1149; Percent complete: 28.7%; Average loss: 1.8799  
Iteration: 1150; Percent complete: 28.7%; Average loss: 1.6180  
Iteration: 1151; Percent complete: 28.8%; Average loss: 1.7798  
Iteration: 1152; Percent complete: 28.8%; Average loss: 1.6287  
Iteration: 1153; Percent complete: 28.8%; Average loss: 1.6923  
Iteration: 1154; Percent complete: 28.8%; Average loss: 1.8560  
Iteration: 1155; Percent complete: 28.9%; Average loss: 1.8334  
Iteration: 1156; Percent complete: 28.9%; Average loss: 1.8431  
Iteration: 1157; Percent complete: 28.9%; Average loss: 1.8269  
Iteration: 1158; Percent complete: 28.9%; Average loss: 1.6129  
Iteration: 1159; Percent complete: 29.0%; Average loss: 1.7076  
Iteration: 1160; Percent complete: 29.0%; Average loss: 1.9376  
Iteration: 1161; Percent complete: 29.0%; Average loss: 2.0179  
Iteration: 1162; Percent complete: 29.0%; Average loss: 1.6583  
Iteration: 1163; Percent complete: 29.1%; Average loss: 2.0507  
Iteration: 1164; Percent complete: 29.1%; Average loss: 1.6663  
Iteration: 1165; Percent complete: 29.1%; Average loss: 1.6771  
Iteration: 1166; Percent complete: 29.1%; Average loss: 1.8529  
Iteration: 1167; Percent complete: 29.2%; Average loss: 1.8145  
Iteration: 1168; Percent complete: 29.2%; Average loss: 1.7213  
Iteration: 1169; Percent complete: 29.2%; Average loss: 1.8924  
Iteration: 1170; Percent complete: 29.2%; Average loss: 1.8807  
Iteration: 1171; Percent complete: 29.3%; Average loss: 1.7167  
Iteration: 1172; Percent complete: 29.3%; Average loss: 1.7649  
Iteration: 1173; Percent complete: 29.3%; Average loss: 1.5644  
Iteration: 1174; Percent complete: 29.3%; Average loss: 1.7566  
Iteration: 1175; Percent complete: 29.4%; Average loss: 1.7200  
Iteration: 1176; Percent complete: 29.4%; Average loss: 1.7471  
Iteration: 1177; Percent complete: 29.4%; Average loss: 1.8461  
Iteration: 1178; Percent complete: 29.4%; Average loss: 1.6322  
Iteration: 1179; Percent complete: 29.5%; Average loss: 1.8216

Iteration: 1179; Percent complete: 29.5%; Average loss: 1.8210  
Iteration: 1180; Percent complete: 29.5%; Average loss: 1.7934  
Iteration: 1181; Percent complete: 29.5%; Average loss: 1.7509  
Iteration: 1182; Percent complete: 29.5%; Average loss: 2.0812  
Iteration: 1183; Percent complete: 29.6%; Average loss: 1.9191  
Iteration: 1184; Percent complete: 29.6%; Average loss: 1.6519  
Iteration: 1185; Percent complete: 29.6%; Average loss: 1.9566  
Iteration: 1186; Percent complete: 29.6%; Average loss: 1.6633  
Iteration: 1187; Percent complete: 29.7%; Average loss: 1.6784  
Iteration: 1188; Percent complete: 29.7%; Average loss: 1.7499  
Iteration: 1189; Percent complete: 29.7%; Average loss: 1.8563  
Iteration: 1190; Percent complete: 29.8%; Average loss: 2.0054  
Iteration: 1191; Percent complete: 29.8%; Average loss: 1.6628  
Iteration: 1192; Percent complete: 29.8%; Average loss: 1.7034  
Iteration: 1193; Percent complete: 29.8%; Average loss: 1.7103  
Iteration: 1194; Percent complete: 29.8%; Average loss: 2.0520  
Iteration: 1195; Percent complete: 29.9%; Average loss: 1.6891  
Iteration: 1196; Percent complete: 29.9%; Average loss: 1.6786  
Iteration: 1197; Percent complete: 29.9%; Average loss: 1.6111  
Iteration: 1198; Percent complete: 29.9%; Average loss: 1.9778  
Iteration: 1199; Percent complete: 30.0%; Average loss: 2.0081  
Iteration: 1200; Percent complete: 30.0%; Average loss: 1.8009  
Iteration: 1201; Percent complete: 30.0%; Average loss: 1.7514  
Iteration: 1202; Percent complete: 30.0%; Average loss: 1.8062  
Iteration: 1203; Percent complete: 30.1%; Average loss: 1.7009  
Iteration: 1204; Percent complete: 30.1%; Average loss: 1.6466  
Iteration: 1205; Percent complete: 30.1%; Average loss: 1.6413  
Iteration: 1206; Percent complete: 30.1%; Average loss: 1.8236  
Iteration: 1207; Percent complete: 30.2%; Average loss: 1.8281  
Iteration: 1208; Percent complete: 30.2%; Average loss: 1.7586  
Iteration: 1209; Percent complete: 30.2%; Average loss: 1.7866  
Iteration: 1210; Percent complete: 30.2%; Average loss: 1.9724  
Iteration: 1211; Percent complete: 30.3%; Average loss: 2.0769  
Iteration: 1212; Percent complete: 30.3%; Average loss: 1.6804  
Iteration: 1213; Percent complete: 30.3%; Average loss: 1.7147  
Iteration: 1214; Percent complete: 30.3%; Average loss: 1.9555  
Iteration: 1215; Percent complete: 30.4%; Average loss: 1.8532  
Iteration: 1216; Percent complete: 30.4%; Average loss: 1.9710  
Iteration: 1217; Percent complete: 30.4%; Average loss: 1.6932  
Iteration: 1218; Percent complete: 30.4%; Average loss: 1.7674  
Iteration: 1219; Percent complete: 30.5%; Average loss: 1.7353  
Iteration: 1220; Percent complete: 30.5%; Average loss: 1.5866  
Iteration: 1221; Percent complete: 30.5%; Average loss: 1.6772  
Iteration: 1222; Percent complete: 30.6%; Average loss: 1.8036  
Iteration: 1223; Percent complete: 30.6%; Average loss: 1.6961  
Iteration: 1224; Percent complete: 30.6%; Average loss: 1.8375  
Iteration: 1225; Percent complete: 30.6%; Average loss: 1.6841  
Iteration: 1226; Percent complete: 30.6%; Average loss: 1.7419  
Iteration: 1227; Percent complete: 30.7%; Average loss: 1.8650  
Iteration: 1228; Percent complete: 30.7%; Average loss: 1.7555  
Iteration: 1229; Percent complete: 30.7%; Average loss: 1.8037  
Iteration: 1230; Percent complete: 30.8%; Average loss: 1.9232  
Iteration: 1231; Percent complete: 30.8%; Average loss: 1.8528  
Iteration: 1232; Percent complete: 30.8%; Average loss: 1.9117  
Iteration: 1233; Percent complete: 30.8%; Average loss: 1.5742  
Iteration: 1234; Percent complete: 30.9%; Average loss: 1.5993  
Iteration: 1235; Percent complete: 30.9%; Average loss: 1.8552  
Iteration: 1236; Percent complete: 30.9%; Average loss: 1.7330  
Iteration: 1237; Percent complete: 30.9%; Average loss: 1.8902  
Iteration: 1238; Percent complete: 30.9%; Average loss: 1.5146  
Iteration: 1239; Percent complete: 31.0%; Average loss: 1.6377  
Iteration: 1240; Percent complete: 31.0%; Average loss: 1.7207  
Iteration: 1241; Percent complete: 31.0%; Average loss: 1.6693  
Iteration: 1242; Percent complete: 31.1%; Average loss: 1.8354  
Iteration: 1243; Percent complete: 31.1%; Average loss: 2.1086  
Iteration: 1244; Percent complete: 31.1%; Average loss: 1.6806  
Iteration: 1245; Percent complete: 31.1%; Average loss: 1.5952  
Iteration: 1246; Percent complete: 31.1%; Average loss: 1.7763  
Iteration: 1247; Percent complete: 31.2%; Average loss: 1.7779  
Iteration: 1248; Percent complete: 31.2%; Average loss: 1.4907  
Iteration: 1249; Percent complete: 31.2%; Average loss: 1.6353  
Iteration: 1250; Percent complete: 31.2%; Average loss: 1.7733  
Iteration: 1251; Percent complete: 31.3%; Average loss: 1.9786  
Iteration: 1252; Percent complete: 31.3%; Average loss: 1.6216  
Iteration: 1253; Percent complete: 31.3%; Average loss: 1.6452  
Iteration: 1254; Percent complete: 31.4%; Average loss: 1.7195  
Iteration: 1255; Percent complete: 31.4%; Average loss: 1.6623  
Iteration: 1256; Percent complete: 31.4%; Average loss: 1.7567  
Iteration: 1257; Percent complete: 31.4%; Average loss: 1.8329  
Iteration: 1258; Percent complete: 31.4%; Average loss: 1.5338  
Iteration: 1259; Percent complete: 31.5%; Average loss: 1.6917  
Iteration: 1260; Percent complete: 31.5%; Average loss: 1.6556  
Iteration: 1261; Percent complete: 31.5%; Average loss: 1.8465  
Iteration: 1262; Percent complete: 31.6%; Average loss: 1.5759  
Iteration: 1263; Percent complete: 31.6%; Average loss: 1.8001  
Iteration: 1264; Percent complete: 31.6%; Average loss: 1.7247  
Iteration: 1265; Percent complete: 31.6%; Average loss: 1.6978  
Iteration: 1266; Percent complete: 31.6%; Average loss: 1.7525  
Iteration: 1267; Percent complete: 31.7%; Average loss: 1.6932  
Iteration: 1268; Percent complete: 31.7%; Average loss: 1.8810  
Iteration: 1269; Percent complete: 31.7%; Average loss: 1.5587  
Iteration: 1270; Percent complete: 31.8%; Average loss: 1.6867

|                  |                          |                      |
|------------------|--------------------------|----------------------|
| Iteration: 1271; | Percent complete: 31.8%; | Average loss: 1.7359 |
| Iteration: 1272; | Percent complete: 31.8%; | Average loss: 1.9296 |
| Iteration: 1273; | Percent complete: 31.8%; | Average loss: 1.8048 |
| Iteration: 1274; | Percent complete: 31.9%; | Average loss: 1.6088 |
| Iteration: 1275; | Percent complete: 31.9%; | Average loss: 1.9209 |
| Iteration: 1276; | Percent complete: 31.9%; | Average loss: 1.8333 |
| Iteration: 1277; | Percent complete: 31.9%; | Average loss: 1.5488 |
| Iteration: 1278; | Percent complete: 31.9%; | Average loss: 1.5041 |
| Iteration: 1279; | Percent complete: 32.0%; | Average loss: 2.0394 |
| Iteration: 1280; | Percent complete: 32.0%; | Average loss: 1.6232 |
| Iteration: 1281; | Percent complete: 32.0%; | Average loss: 1.7746 |
| Iteration: 1282; | Percent complete: 32.0%; | Average loss: 1.7734 |
| Iteration: 1283; | Percent complete: 32.1%; | Average loss: 1.8096 |
| Iteration: 1284; | Percent complete: 32.1%; | Average loss: 1.6383 |
| Iteration: 1285; | Percent complete: 32.1%; | Average loss: 1.6364 |
| Iteration: 1286; | Percent complete: 32.1%; | Average loss: 1.6035 |
| Iteration: 1287; | Percent complete: 32.2%; | Average loss: 1.8707 |
| Iteration: 1288; | Percent complete: 32.2%; | Average loss: 1.7756 |
| Iteration: 1289; | Percent complete: 32.2%; | Average loss: 1.4906 |
| Iteration: 1290; | Percent complete: 32.2%; | Average loss: 1.8545 |
| Iteration: 1291; | Percent complete: 32.3%; | Average loss: 1.8252 |
| Iteration: 1292; | Percent complete: 32.3%; | Average loss: 1.5901 |
| Iteration: 1293; | Percent complete: 32.3%; | Average loss: 1.5376 |
| Iteration: 1294; | Percent complete: 32.4%; | Average loss: 1.6626 |
| Iteration: 1295; | Percent complete: 32.4%; | Average loss: 1.7254 |
| Iteration: 1296; | Percent complete: 32.4%; | Average loss: 1.6908 |
| Iteration: 1297; | Percent complete: 32.4%; | Average loss: 1.5905 |
| Iteration: 1298; | Percent complete: 32.5%; | Average loss: 1.8036 |
| Iteration: 1299; | Percent complete: 32.5%; | Average loss: 1.8495 |
| Iteration: 1300; | Percent complete: 32.5%; | Average loss: 1.6751 |
| Iteration: 1301; | Percent complete: 32.5%; | Average loss: 1.7432 |
| Iteration: 1302; | Percent complete: 32.6%; | Average loss: 1.8392 |
| Iteration: 1303; | Percent complete: 32.6%; | Average loss: 1.8146 |
| Iteration: 1304; | Percent complete: 32.6%; | Average loss: 1.5532 |
| Iteration: 1305; | Percent complete: 32.6%; | Average loss: 1.8099 |
| Iteration: 1306; | Percent complete: 32.6%; | Average loss: 1.6553 |
| Iteration: 1307; | Percent complete: 32.7%; | Average loss: 1.8349 |
| Iteration: 1308; | Percent complete: 32.7%; | Average loss: 1.6205 |
| Iteration: 1309; | Percent complete: 32.7%; | Average loss: 1.9451 |
| Iteration: 1310; | Percent complete: 32.8%; | Average loss: 1.4901 |
| Iteration: 1311; | Percent complete: 32.8%; | Average loss: 1.8925 |
| Iteration: 1312; | Percent complete: 32.8%; | Average loss: 1.7902 |
| Iteration: 1313; | Percent complete: 32.8%; | Average loss: 1.8926 |
| Iteration: 1314; | Percent complete: 32.9%; | Average loss: 1.5631 |
| Iteration: 1315; | Percent complete: 32.9%; | Average loss: 1.6546 |
| Iteration: 1316; | Percent complete: 32.9%; | Average loss: 1.8106 |
| Iteration: 1317; | Percent complete: 32.9%; | Average loss: 1.8586 |
| Iteration: 1318; | Percent complete: 33.0%; | Average loss: 1.9963 |
| Iteration: 1319; | Percent complete: 33.0%; | Average loss: 1.7507 |
| Iteration: 1320; | Percent complete: 33.0%; | Average loss: 1.4789 |
| Iteration: 1321; | Percent complete: 33.0%; | Average loss: 1.7492 |
| Iteration: 1322; | Percent complete: 33.1%; | Average loss: 1.8163 |
| Iteration: 1323; | Percent complete: 33.1%; | Average loss: 1.6261 |
| Iteration: 1324; | Percent complete: 33.1%; | Average loss: 1.8926 |
| Iteration: 1325; | Percent complete: 33.1%; | Average loss: 1.8346 |
| Iteration: 1326; | Percent complete: 33.1%; | Average loss: 1.3838 |
| Iteration: 1327; | Percent complete: 33.2%; | Average loss: 1.8091 |
| Iteration: 1328; | Percent complete: 33.2%; | Average loss: 1.6216 |
| Iteration: 1329; | Percent complete: 33.2%; | Average loss: 1.9022 |
| Iteration: 1330; | Percent complete: 33.2%; | Average loss: 1.6232 |
| Iteration: 1331; | Percent complete: 33.3%; | Average loss: 1.7762 |
| Iteration: 1332; | Percent complete: 33.3%; | Average loss: 1.7009 |
| Iteration: 1333; | Percent complete: 33.3%; | Average loss: 1.8639 |
| Iteration: 1334; | Percent complete: 33.4%; | Average loss: 1.7006 |
| Iteration: 1335; | Percent complete: 33.4%; | Average loss: 1.5954 |
| Iteration: 1336; | Percent complete: 33.4%; | Average loss: 1.8717 |
| Iteration: 1337; | Percent complete: 33.4%; | Average loss: 1.4786 |
| Iteration: 1338; | Percent complete: 33.5%; | Average loss: 1.6795 |
| Iteration: 1339; | Percent complete: 33.5%; | Average loss: 1.7678 |
| Iteration: 1340; | Percent complete: 33.5%; | Average loss: 1.8178 |
| Iteration: 1341; | Percent complete: 33.5%; | Average loss: 1.7895 |
| Iteration: 1342; | Percent complete: 33.6%; | Average loss: 1.7756 |
| Iteration: 1343; | Percent complete: 33.6%; | Average loss: 1.6169 |
| Iteration: 1344; | Percent complete: 33.6%; | Average loss: 1.8643 |
| Iteration: 1345; | Percent complete: 33.6%; | Average loss: 1.8001 |
| Iteration: 1346; | Percent complete: 33.7%; | Average loss: 1.6121 |
| Iteration: 1347; | Percent complete: 33.7%; | Average loss: 1.9807 |
| Iteration: 1348; | Percent complete: 33.7%; | Average loss: 1.9181 |
| Iteration: 1349; | Percent complete: 33.7%; | Average loss: 1.6721 |
| Iteration: 1350; | Percent complete: 33.8%; | Average loss: 1.6155 |
| Iteration: 1351; | Percent complete: 33.8%; | Average loss: 1.9283 |
| Iteration: 1352; | Percent complete: 33.8%; | Average loss: 1.5792 |
| Iteration: 1353; | Percent complete: 33.8%; | Average loss: 1.9139 |
| Iteration: 1354; | Percent complete: 33.9%; | Average loss: 1.6074 |
| Iteration: 1355; | Percent complete: 33.9%; | Average loss: 1.6572 |
| Iteration: 1356; | Percent complete: 33.9%; | Average loss: 1.8593 |
| Iteration: 1357; | Percent complete: 33.9%; | Average loss: 1.5161 |
| Iteration: 1358; | Percent complete: 34.0%; | Average loss: 1.5911 |
| Iteration: 1359; | Percent complete: 34.0%; | Average loss: 1.7406 |
| Iteration: 1360; | Percent complete: 34.0%; | Average loss: 1.7229 |
| Iteration: 1361; | Percent complete: 34.0%; | Average loss: 1.8902 |



Iteration: 1453; Percent complete: 36.3%; Average loss: 1.4067  
Iteration: 1454; Percent complete: 36.4%; Average loss: 1.5911  
Iteration: 1455; Percent complete: 36.4%; Average loss: 1.6480  
Iteration: 1456; Percent complete: 36.4%; Average loss: 1.6489  
Iteration: 1457; Percent complete: 36.4%; Average loss: 1.8640  
Iteration: 1458; Percent complete: 36.4%; Average loss: 1.9838  
Iteration: 1459; Percent complete: 36.5%; Average loss: 1.4412  
Iteration: 1460; Percent complete: 36.5%; Average loss: 1.9180  
Iteration: 1461; Percent complete: 36.5%; Average loss: 1.5823  
Iteration: 1462; Percent complete: 36.5%; Average loss: 1.6731  
Iteration: 1463; Percent complete: 36.6%; Average loss: 1.5048  
Iteration: 1464; Percent complete: 36.6%; Average loss: 2.1027  
Iteration: 1465; Percent complete: 36.6%; Average loss: 1.6770  
Iteration: 1466; Percent complete: 36.6%; Average loss: 1.8246  
Iteration: 1467; Percent complete: 36.7%; Average loss: 1.7093  
Iteration: 1468; Percent complete: 36.7%; Average loss: 1.7364  
Iteration: 1469; Percent complete: 36.7%; Average loss: 1.6749  
Iteration: 1470; Percent complete: 36.8%; Average loss: 1.6999  
Iteration: 1471; Percent complete: 36.8%; Average loss: 1.6928  
Iteration: 1472; Percent complete: 36.8%; Average loss: 1.7776  
Iteration: 1473; Percent complete: 36.8%; Average loss: 1.7779  
Iteration: 1474; Percent complete: 36.9%; Average loss: 1.6874  
Iteration: 1475; Percent complete: 36.9%; Average loss: 1.7663  
Iteration: 1476; Percent complete: 36.9%; Average loss: 1.6771  
Iteration: 1477; Percent complete: 36.9%; Average loss: 1.7140  
Iteration: 1478; Percent complete: 37.0%; Average loss: 1.6006  
Iteration: 1479; Percent complete: 37.0%; Average loss: 1.6537  
Iteration: 1480; Percent complete: 37.0%; Average loss: 1.5983  
Iteration: 1481; Percent complete: 37.0%; Average loss: 1.5936  
Iteration: 1482; Percent complete: 37.0%; Average loss: 1.6455  
Iteration: 1483; Percent complete: 37.1%; Average loss: 1.7213  
Iteration: 1484; Percent complete: 37.1%; Average loss: 1.8429  
Iteration: 1485; Percent complete: 37.1%; Average loss: 1.6106  
Iteration: 1486; Percent complete: 37.1%; Average loss: 1.5613  
Iteration: 1487; Percent complete: 37.2%; Average loss: 1.6639  
Iteration: 1488; Percent complete: 37.2%; Average loss: 1.6666  
Iteration: 1489; Percent complete: 37.2%; Average loss: 1.6589  
Iteration: 1490; Percent complete: 37.2%; Average loss: 1.6552  
Iteration: 1491; Percent complete: 37.3%; Average loss: 1.6255  
Iteration: 1492; Percent complete: 37.3%; Average loss: 1.5946  
Iteration: 1493; Percent complete: 37.3%; Average loss: 1.7815  
Iteration: 1494; Percent complete: 37.4%; Average loss: 1.4482  
Iteration: 1495; Percent complete: 37.4%; Average loss: 1.5098  
Iteration: 1496; Percent complete: 37.4%; Average loss: 1.5788  
Iteration: 1497; Percent complete: 37.4%; Average loss: 2.0013  
Iteration: 1498; Percent complete: 37.5%; Average loss: 1.4765  
Iteration: 1499; Percent complete: 37.5%; Average loss: 1.8941  
Iteration: 1500; Percent complete: 37.5%; Average loss: 1.5975  
Iteration: 1501; Percent complete: 37.5%; Average loss: 1.9170  
Iteration: 1502; Percent complete: 37.5%; Average loss: 1.6951  
Iteration: 1503; Percent complete: 37.6%; Average loss: 1.6192  
Iteration: 1504; Percent complete: 37.6%; Average loss: 1.5826  
Iteration: 1505; Percent complete: 37.6%; Average loss: 1.6343  
Iteration: 1506; Percent complete: 37.6%; Average loss: 1.7213  
Iteration: 1507; Percent complete: 37.7%; Average loss: 1.7218  
Iteration: 1508; Percent complete: 37.7%; Average loss: 1.6684  
Iteration: 1509; Percent complete: 37.7%; Average loss: 1.5144  
Iteration: 1510; Percent complete: 37.8%; Average loss: 1.7480  
Iteration: 1511; Percent complete: 37.8%; Average loss: 1.6429  
Iteration: 1512; Percent complete: 37.8%; Average loss: 1.7439  
Iteration: 1513; Percent complete: 37.8%; Average loss: 1.5896  
Iteration: 1514; Percent complete: 37.9%; Average loss: 1.8800  
Iteration: 1515; Percent complete: 37.9%; Average loss: 1.7326  
Iteration: 1516; Percent complete: 37.9%; Average loss: 1.7456  
Iteration: 1517; Percent complete: 37.9%; Average loss: 1.7418  
Iteration: 1518; Percent complete: 38.0%; Average loss: 1.5776  
Iteration: 1519; Percent complete: 38.0%; Average loss: 1.4860  
Iteration: 1520; Percent complete: 38.0%; Average loss: 1.8911  
Iteration: 1521; Percent complete: 38.0%; Average loss: 1.5705  
Iteration: 1522; Percent complete: 38.0%; Average loss: 1.8287  
Iteration: 1523; Percent complete: 38.1%; Average loss: 1.5661  
Iteration: 1524; Percent complete: 38.1%; Average loss: 1.7463  
Iteration: 1525; Percent complete: 38.1%; Average loss: 1.6886  
Iteration: 1526; Percent complete: 38.1%; Average loss: 2.0453  
Iteration: 1527; Percent complete: 38.2%; Average loss: 1.8032  
Iteration: 1528; Percent complete: 38.2%; Average loss: 1.5023  
Iteration: 1529; Percent complete: 38.2%; Average loss: 1.8189  
Iteration: 1530; Percent complete: 38.2%; Average loss: 1.5997  
Iteration: 1531; Percent complete: 38.3%; Average loss: 1.6478  
Iteration: 1532; Percent complete: 38.3%; Average loss: 1.6217  
Iteration: 1533; Percent complete: 38.3%; Average loss: 1.8647  
Iteration: 1534; Percent complete: 38.4%; Average loss: 1.7775  
Iteration: 1535; Percent complete: 38.4%; Average loss: 1.6460  
Iteration: 1536; Percent complete: 38.4%; Average loss: 1.7156  
Iteration: 1537; Percent complete: 38.4%; Average loss: 1.5662  
Iteration: 1538; Percent complete: 38.5%; Average loss: 1.6857  
Iteration: 1539; Percent complete: 38.5%; Average loss: 1.8928  
Iteration: 1540; Percent complete: 38.5%; Average loss: 1.8091  
Iteration: 1541; Percent complete: 38.5%; Average loss: 1.6984  
Iteration: 1542; Percent complete: 38.6%; Average loss: 1.8349  
Iteration: 1543; Percent complete: 38.6%; Average loss: 1.7722  
Iteration: 1544; Percent complete: 38.6%; Average loss: 1.9175





|                  |                   |        |               |        |
|------------------|-------------------|--------|---------------|--------|
| Iteration: 1727; | Percent complete: | 43.2%; | Average loss: | 1.6168 |
| Iteration: 1728; | Percent complete: | 43.2%; | Average loss: | 1.7233 |
| Iteration: 1729; | Percent complete: | 43.2%; | Average loss: | 1.6778 |
| Iteration: 1730; | Percent complete: | 43.2%; | Average loss: | 1.5045 |
| Iteration: 1731; | Percent complete: | 43.3%; | Average loss: | 1.5237 |
| Iteration: 1732; | Percent complete: | 43.3%; | Average loss: | 1.4269 |
| Iteration: 1733; | Percent complete: | 43.3%; | Average loss: | 1.6427 |
| Iteration: 1734; | Percent complete: | 43.4%; | Average loss: | 1.4967 |
| Iteration: 1735; | Percent complete: | 43.4%; | Average loss: | 1.6350 |
| Iteration: 1736; | Percent complete: | 43.4%; | Average loss: | 1.7817 |
| Iteration: 1737; | Percent complete: | 43.4%; | Average loss: | 1.4443 |
| Iteration: 1738; | Percent complete: | 43.5%; | Average loss: | 1.6492 |
| Iteration: 1739; | Percent complete: | 43.5%; | Average loss: | 1.5583 |
| Iteration: 1740; | Percent complete: | 43.5%; | Average loss: | 1.6993 |
| Iteration: 1741; | Percent complete: | 43.5%; | Average loss: | 1.5050 |
| Iteration: 1742; | Percent complete: | 43.5%; | Average loss: | 1.5950 |
| Iteration: 1743; | Percent complete: | 43.6%; | Average loss: | 1.8289 |
| Iteration: 1744; | Percent complete: | 43.6%; | Average loss: | 1.5520 |
| Iteration: 1745; | Percent complete: | 43.6%; | Average loss: | 1.6128 |
| Iteration: 1746; | Percent complete: | 43.6%; | Average loss: | 1.5124 |
| Iteration: 1747; | Percent complete: | 43.7%; | Average loss: | 1.7496 |
| Iteration: 1748; | Percent complete: | 43.7%; | Average loss: | 1.6830 |
| Iteration: 1749; | Percent complete: | 43.7%; | Average loss: | 1.8132 |
| Iteration: 1750; | Percent complete: | 43.8%; | Average loss: | 1.5707 |
| Iteration: 1751; | Percent complete: | 43.8%; | Average loss: | 1.5813 |
| Iteration: 1752; | Percent complete: | 43.8%; | Average loss: | 1.5659 |
| Iteration: 1753; | Percent complete: | 43.8%; | Average loss: | 1.6640 |
| Iteration: 1754; | Percent complete: | 43.9%; | Average loss: | 1.5513 |
| Iteration: 1755; | Percent complete: | 43.9%; | Average loss: | 1.5110 |
| Iteration: 1756; | Percent complete: | 43.9%; | Average loss: | 1.4467 |
| Iteration: 1757; | Percent complete: | 43.9%; | Average loss: | 1.4855 |
| Iteration: 1758; | Percent complete: | 44.0%; | Average loss: | 1.6436 |
| Iteration: 1759; | Percent complete: | 44.0%; | Average loss: | 1.5100 |
| Iteration: 1760; | Percent complete: | 44.0%; | Average loss: | 1.3642 |
| Iteration: 1761; | Percent complete: | 44.0%; | Average loss: | 1.7178 |
| Iteration: 1762; | Percent complete: | 44.0%; | Average loss: | 1.6588 |
| Iteration: 1763; | Percent complete: | 44.1%; | Average loss: | 1.6007 |
| Iteration: 1764; | Percent complete: | 44.1%; | Average loss: | 1.9427 |
| Iteration: 1765; | Percent complete: | 44.1%; | Average loss: | 1.6580 |
| Iteration: 1766; | Percent complete: | 44.1%; | Average loss: | 1.6414 |
| Iteration: 1767; | Percent complete: | 44.2%; | Average loss: | 1.5607 |
| Iteration: 1768; | Percent complete: | 44.2%; | Average loss: | 1.7183 |
| Iteration: 1769; | Percent complete: | 44.2%; | Average loss: | 1.6316 |
| Iteration: 1770; | Percent complete: | 44.2%; | Average loss: | 1.4538 |
| Iteration: 1771; | Percent complete: | 44.3%; | Average loss: | 1.8617 |
| Iteration: 1772; | Percent complete: | 44.3%; | Average loss: | 1.4548 |
| Iteration: 1773; | Percent complete: | 44.3%; | Average loss: | 1.7477 |
| Iteration: 1774; | Percent complete: | 44.4%; | Average loss: | 1.5827 |
| Iteration: 1775; | Percent complete: | 44.4%; | Average loss: | 1.6145 |
| Iteration: 1776; | Percent complete: | 44.4%; | Average loss: | 1.7183 |
| Iteration: 1777; | Percent complete: | 44.4%; | Average loss: | 1.5176 |
| Iteration: 1778; | Percent complete: | 44.5%; | Average loss: | 1.5012 |
| Iteration: 1779; | Percent complete: | 44.5%; | Average loss: | 1.5044 |
| Iteration: 1780; | Percent complete: | 44.5%; | Average loss: | 1.8129 |
| Iteration: 1781; | Percent complete: | 44.5%; | Average loss: | 1.7039 |
| Iteration: 1782; | Percent complete: | 44.5%; | Average loss: | 1.5993 |
| Iteration: 1783; | Percent complete: | 44.6%; | Average loss: | 1.5413 |
| Iteration: 1784; | Percent complete: | 44.6%; | Average loss: | 1.5604 |
| Iteration: 1785; | Percent complete: | 44.6%; | Average loss: | 1.6233 |
| Iteration: 1786; | Percent complete: | 44.6%; | Average loss: | 1.4730 |
| Iteration: 1787; | Percent complete: | 44.7%; | Average loss: | 1.7334 |
| Iteration: 1788; | Percent complete: | 44.7%; | Average loss: | 1.4576 |
| Iteration: 1789; | Percent complete: | 44.7%; | Average loss: | 1.6338 |
| Iteration: 1790; | Percent complete: | 44.8%; | Average loss: | 1.7885 |
| Iteration: 1791; | Percent complete: | 44.8%; | Average loss: | 1.5307 |
| Iteration: 1792; | Percent complete: | 44.8%; | Average loss: | 1.5994 |
| Iteration: 1793; | Percent complete: | 44.8%; | Average loss: | 1.5266 |
| Iteration: 1794; | Percent complete: | 44.9%; | Average loss: | 1.9973 |
| Iteration: 1795; | Percent complete: | 44.9%; | Average loss: | 1.6653 |
| Iteration: 1796; | Percent complete: | 44.9%; | Average loss: | 1.5894 |
| Iteration: 1797; | Percent complete: | 44.9%; | Average loss: | 1.5495 |
| Iteration: 1798; | Percent complete: | 45.0%; | Average loss: | 1.7687 |
| Iteration: 1799; | Percent complete: | 45.0%; | Average loss: | 1.4883 |
| Iteration: 1800; | Percent complete: | 45.0%; | Average loss: | 1.6955 |
| Iteration: 1801; | Percent complete: | 45.0%; | Average loss: | 1.5120 |
| Iteration: 1802; | Percent complete: | 45.1%; | Average loss: | 1.6437 |
| Iteration: 1803; | Percent complete: | 45.1%; | Average loss: | 1.7384 |
| Iteration: 1804; | Percent complete: | 45.1%; | Average loss: | 1.5062 |
| Iteration: 1805; | Percent complete: | 45.1%; | Average loss: | 1.7209 |
| Iteration: 1806; | Percent complete: | 45.1%; | Average loss: | 1.6674 |
| Iteration: 1807; |                   |        |               |        |







































|            |       |                   |        |               |        |
|------------|-------|-------------------|--------|---------------|--------|
| Iteration: | 3278; | Percent complete: | 82.0%; | Average loss: | 1.4044 |
| Iteration: | 3279; | Percent complete: | 82.0%; | Average loss: | 1.4989 |
| Iteration: | 3280; | Percent complete: | 82.0%; | Average loss: | 1.3512 |
| Iteration: | 3281; | Percent complete: | 82.0%; | Average loss: | 1.2288 |
| Iteration: | 3282; | Percent complete: | 82.0%; | Average loss: | 1.3174 |
| Iteration: | 3283; | Percent complete: | 82.1%; | Average loss: | 1.4755 |
| Iteration: | 3284; | Percent complete: | 82.1%; | Average loss: | 1.2231 |
| Iteration: | 3285; | Percent complete: | 82.1%; | Average loss: | 1.4998 |
| Iteration: | 3286; | Percent complete: | 82.2%; | Average loss: | 1.3845 |
| Iteration: | 3287; | Percent complete: | 82.2%; | Average loss: | 1.1898 |
| Iteration: | 3288; | Percent complete: | 82.2%; | Average loss: | 1.2860 |
| Iteration: | 3289; | Percent complete: | 82.2%; | Average loss: | 1.5260 |
| Iteration: | 3290; | Percent complete: | 82.2%; | Average loss: | 1.3468 |
| Iteration: | 3291; | Percent complete: | 82.3%; | Average loss: | 1.2843 |
| Iteration: | 3292; | Percent complete: | 82.3%; | Average loss: | 1.2667 |
| Iteration: | 3293; | Percent complete: | 82.3%; | Average loss: | 1.2912 |
| Iteration: | 3294; | Percent complete: | 82.3%; | Average loss: | 1.3673 |
| Iteration: | 3295; | Percent complete: | 82.4%; | Average loss: | 1.2485 |
| Iteration: | 3296; | Percent complete: | 82.4%; | Average loss: | 1.2458 |
| Iteration: | 3297; | Percent complete: | 82.4%; | Average loss: | 1.4788 |
| Iteration: | 3298; | Percent complete: | 82.5%; | Average loss: | 1.2929 |
| Iteration: | 3299; | Percent complete: | 82.5%; | Average loss: | 1.2452 |
| Iteration: | 3300; | Percent complete: | 82.5%; | Average loss: | 1.1976 |
| Iteration: | 3301; | Percent complete: | 82.5%; | Average loss: | 1.1976 |
| Iteration: | 3302; | Percent complete: | 82.5%; | Average loss: | 1.2468 |
| Iteration: | 3303; | Percent complete: | 82.6%; | Average loss: | 1.2369 |
| Iteration: | 3304; | Percent complete: | 82.6%; | Average loss: | 1.3319 |
| Iteration: | 3305; | Percent complete: | 82.6%; | Average loss: | 1.5767 |
| Iteration: | 3306; | Percent complete: | 82.7%; | Average loss: | 1.3380 |
| Iteration: | 3307; | Percent complete: | 82.7%; | Average loss: | 1.6823 |
| Iteration: | 3308; | Percent complete: | 82.7%; | Average loss: | 1.2703 |
| Iteration: | 3309; | Percent complete: | 82.7%; | Average loss: | 1.3287 |
| Iteration: | 3310; | Percent complete: | 82.8%; | Average loss: | 1.1400 |
| Iteration: | 3311; | Percent complete: | 82.8%; | Average loss: | 1.2520 |
| Iteration: | 3312; | Percent complete: | 82.8%; | Average loss: | 1.3450 |
| Iteration: | 3313; | Percent complete: | 82.8%; | Average loss: | 1.2986 |
| Iteration: | 3314; | Percent complete: | 82.8%; | Average loss: | 1.3912 |
| Iteration: | 3315; | Percent complete: | 82.9%; | Average loss: | 1.2913 |
| Iteration: | 3316; | Percent complete: | 82.9%; | Average loss: | 1.4677 |
| Iteration: | 3317; | Percent complete: | 82.9%; | Average loss: | 1.3360 |
| Iteration: | 3318; | Percent complete: | 83.0%; | Average loss: | 1.4730 |
| Iteration: | 3319; | Percent complete: | 83.0%; | Average loss: | 1.4620 |
| Iteration: | 3320; | Percent complete: | 83.0%; | Average loss: | 1.3196 |
| Iteration: | 3321; | Percent complete: | 83.0%; | Average loss: | 1.2228 |
| Iteration: | 3322; | Percent complete: | 83.0%; | Average loss: | 1.4580 |
| Iteration: | 3323; | Percent complete: | 83.1%; | Average loss: | 1.4127 |
| Iteration: | 3324; | Percent complete: | 83.1%; | Average loss: | 1.4062 |
| Iteration: | 3325; | Percent complete: | 83.1%; | Average loss: | 1.3419 |
| Iteration: | 3326; | Percent complete: | 83.2%; | Average loss: | 1.2275 |
| Iteration: | 3327; | Percent complete: | 83.2%; | Average loss: | 1.2353 |
| Iteration: | 3328; | Percent complete: | 83.2%; | Average loss: | 1.2317 |
| Iteration: | 3329; | Percent complete: | 83.2%; | Average loss: | 1.2616 |
| Iteration: | 3330; | Percent complete: | 83.2%; | Average loss: | 1.1935 |
| Iteration: | 3331; | Percent complete: | 83.3%; | Average loss: | 1.3846 |
| Iteration: | 3332; | Percent complete: | 83.3%; | Average loss: | 1.1442 |
| Iteration: | 3333; | Percent complete: | 83.3%; | Average loss: | 1.4460 |
| Iteration: | 3334; | Percent complete: | 83.4%; | Average loss: | 1.3982 |
| Iteration: | 3335; | Percent complete: | 83.4%; | Average loss: | 1.1637 |
| Iteration: | 3336; | Percent complete: | 83.4%; | Average loss: | 1.2867 |
| Iteration: | 3337; | Percent complete: | 83.4%; | Average loss: | 1.1825 |
| Iteration: | 3338; | Percent complete: | 83.5%; | Average loss: | 1.0864 |
| Iteration: | 3339; | Percent complete: | 83.5%; | Average loss: | 1.3420 |
| Iteration: | 3340; | Percent complete: | 83.5%; | Average loss: | 1.4586 |
| Iteration: | 3341; | Percent complete: | 83.5%; | Average loss: | 1.1941 |
| Iteration: | 3342; | Percent complete: | 83.5%; | Average loss: | 1.2552 |
| Iteration: | 3343; | Percent complete: | 83.6%; | Average loss: | 1.3686 |
| Iteration: | 3344; | Percent complete: | 83.6%; | Average loss: | 1.5684 |
| Iteration: | 3345; | Percent complete: | 83.6%; | Average loss: | 1.5045 |
| Iteration: | 3346; | Percent complete: | 83.7%; | Average loss: | 1.0672 |
| Iteration: | 3347; | Percent complete: | 83.7%; | Average loss: | 1.2425 |
| Iteration: | 3348; | Percent complete: | 83.7%; | Average loss: | 1.2704 |
| Iteration: | 3349; | Percent complete: | 83.7%; | Average loss: | 1.3908 |
| Iteration: | 3350; | Percent complete: | 83.8%; | Average loss: | 1.5164 |
| Iteration: | 3351; | Percent complete: | 83.8%; | Average loss: | 1.3658 |
| Iteration: | 3352; | Percent complete: | 83.8%; | Average loss: | 1.3629 |
| Iteration: | 3353; | Percent complete: | 83.8%; | Average loss: | 1      |

|                 |                   |        |               |        |
|-----------------|-------------------|--------|---------------|--------|
| Iteration: 3309 | Percent complete: | 84.2%; | Average loss: | 1.1603 |
| Iteration: 3370 | Percent complete: | 84.2%; | Average loss: | 1.4367 |
| Iteration: 3371 | Percent complete: | 84.3%; | Average loss: | 1.2547 |
| Iteration: 3372 | Percent complete: | 84.3%; | Average loss: | 1.3830 |
| Iteration: 3373 | Percent complete: | 84.3%; | Average loss: | 1.3890 |
| Iteration: 3374 | Percent complete: | 84.4%; | Average loss: | 1.2960 |
| Iteration: 3375 | Percent complete: | 84.4%; | Average loss: | 1.5530 |
| Iteration: 3376 | Percent complete: | 84.4%; | Average loss: | 1.3309 |
| Iteration: 3377 | Percent complete: | 84.4%; | Average loss: | 1.2518 |
| Iteration: 3378 | Percent complete: | 84.5%; | Average loss: | 1.5912 |
| Iteration: 3379 | Percent complete: | 84.5%; | Average loss: | 1.2389 |
| Iteration: 3380 | Percent complete: | 84.5%; | Average loss: | 1.3752 |
| Iteration: 3381 | Percent complete: | 84.5%; | Average loss: | 1.2600 |
| Iteration: 3382 | Percent complete: | 84.5%; | Average loss: | 1.3424 |
| Iteration: 3383 | Percent complete: | 84.6%; | Average loss: | 1.3457 |
| Iteration: 3384 | Percent complete: | 84.6%; | Average loss: | 1.4327 |
| Iteration: 3385 | Percent complete: | 84.6%; | Average loss: | 1.4309 |
| Iteration: 3386 | Percent complete: | 84.7%; | Average loss: | 1.3987 |
| Iteration: 3387 | Percent complete: | 84.7%; | Average loss: | 1.2247 |
| Iteration: 3388 | Percent complete: | 84.7%; | Average loss: | 1.3073 |
| Iteration: 3389 | Percent complete: | 84.7%; | Average loss: | 1.4082 |
| Iteration: 3390 | Percent complete: | 84.8%; | Average loss: | 1.3532 |
| Iteration: 3391 | Percent complete: | 84.8%; | Average loss: | 1.3893 |
| Iteration: 3392 | Percent complete: | 84.8%; | Average loss: | 1.5050 |
| Iteration: 3393 | Percent complete: | 84.8%; | Average loss: | 1.3664 |
| Iteration: 3394 | Percent complete: | 84.9%; | Average loss: | 1.1920 |
| Iteration: 3395 | Percent complete: | 84.9%; | Average loss: | 1.3652 |
| Iteration: 3396 | Percent complete: | 84.9%; | Average loss: | 1.3597 |
| Iteration: 3397 | Percent complete: | 84.9%; | Average loss: | 1.4127 |
| Iteration: 3398 | Percent complete: | 85.0%; | Average loss: | 1.3265 |
| Iteration: 3399 | Percent complete: | 85.0%; | Average loss: | 1.3364 |
| Iteration: 3400 | Percent complete: | 85.0%; | Average loss: | 1.2245 |
| Iteration: 3401 | Percent complete: | 85.0%; | Average loss: | 1.4048 |
| Iteration: 3402 | Percent complete: | 85.0%; | Average loss: | 1.3697 |
| Iteration: 3403 | Percent complete: | 85.1%; | Average loss: | 1.4125 |
| Iteration: 3404 | Percent complete: | 85.1%; | Average loss: | 1.3772 |
| Iteration: 3405 | Percent complete: | 85.1%; | Average loss: | 1.3729 |
| Iteration: 3406 | Percent complete: | 85.2%; | Average loss: | 1.3505 |
| Iteration: 3407 | Percent complete: | 85.2%; | Average loss: | 1.0668 |
| Iteration: 3408 | Percent complete: | 85.2%; | Average loss: | 1.2974 |
| Iteration: 3409 | Percent complete: | 85.2%; | Average loss: | 1.1693 |
| Iteration: 3410 | Percent complete: | 85.2%; | Average loss: | 1.3487 |
| Iteration: 3411 | Percent complete: | 85.3%; | Average loss: | 1.4929 |
| Iteration: 3412 | Percent complete: | 85.3%; | Average loss: | 1.2213 |
| Iteration: 3413 | Percent complete: | 85.3%; | Average loss: | 1.3372 |
| Iteration: 3414 | Percent complete: | 85.4%; | Average loss: | 1.0728 |
| Iteration: 3415 | Percent complete: | 85.4%; | Average loss: | 1.4800 |
| Iteration: 3416 | Percent complete: | 85.4%; | Average loss: | 1.2239 |
| Iteration: 3417 | Percent complete: | 85.4%; | Average loss: | 1.2282 |
| Iteration: 3418 | Percent complete: | 85.5%; | Average loss: | 1.4273 |
| Iteration: 3419 | Percent complete: | 85.5%; | Average loss: | 1.4644 |
| Iteration: 3420 | Percent complete: | 85.5%; | Average loss: | 1.5002 |
| Iteration: 3421 | Percent complete: | 85.5%; | Average loss: | 1.3550 |
| Iteration: 3422 | Percent complete: | 85.5%; | Average loss: | 1.2566 |
| Iteration: 3423 | Percent complete: | 85.6%; | Average loss: | 1.2690 |
| Iteration: 3424 | Percent complete: | 85.6%; | Average loss: | 1.4199 |
| Iteration: 3425 | Percent complete: | 85.6%; | Average loss: | 1.4712 |
| Iteration: 3426 | Percent complete: | 85.7%; | Average loss: | 1.5644 |
| Iteration: 3427 | Percent complete: | 85.7%; | Average loss: | 1.1083 |
| Iteration: 3428 | Percent complete: | 85.7%; | Average loss: | 1.3123 |
| Iteration: 3429 | Percent complete: | 85.7%; | Average loss: | 1.6793 |
| Iteration: 3430 | Percent complete: | 85.8%; | Average loss: | 1.1773 |
| Iteration: 3431 | Percent complete: | 85.8%; | Average loss: | 1.4830 |
| Iteration: 3432 | Percent complete: | 85.8%; | Average loss: | 1.1728 |
| Iteration: 3433 | Percent complete: | 85.8%; | Average loss: | 1.2538 |
| Iteration: 3434 | Percent complete: | 85.9%; | Average loss: | 1.3573 |
| Iteration: 3435 | Percent complete: | 85.9%; | Average loss: | 1.3310 |
| Iteration: 3436 | Percent complete: | 85.9%; | Average loss: | 1.2268 |
| Iteration: 3437 | Percent complete: | 85.9%; | Average loss: | 1.1504 |
| Iteration: 3438 | Percent complete: | 86.0%; | Average loss: | 1.2870 |
| Iteration: 3439 | Percent complete: | 86.0%; | Average loss: | 1.5047 |
| Iteration: 3440 | Percent complete: | 86.0%; | Average loss: | 1.1426 |
| Iteration: 3441 | Percent complete: | 86.0%; | Average loss: | 1.2938 |
| Iteration: 3442 | Percent complete: | 86.1%; | Average loss: | 1.3690 |
| Iteration: 3443 | Percent complete: | 86.1%; | Average loss: | 1.2813 |
| Iteration: 3444 | Percent complete: | 86.1%; | Average loss: | 1.3382 |
| Iteration: 3445 | Percent complete: | 86.1%; | Average loss: | 1.5925 |
| Iteration: 3446 | Percent complete: | 86.2%; | Average loss: | 1.2405 |
| Iteration: 3447 | Percent complete: | 86.2%; | Average loss: | 1.0859 |
| Iteration: 3448 | Percent complete: | 86.2%; | Average loss: | 1.3790 |
| Iteration: 3449 |                   |        |               |        |

|            |       |                   |        |               |        |
|------------|-------|-------------------|--------|---------------|--------|
| Iteration: | 3461; | Percent complete: | 86.5%; | Average loss: | 1.3629 |
| Iteration: | 3462; | Percent complete: | 86.6%; | Average loss: | 1.5058 |
| Iteration: | 3463; | Percent complete: | 86.6%; | Average loss: | 1.2466 |
| Iteration: | 3464; | Percent complete: | 86.6%; | Average loss: | 1.3047 |
| Iteration: | 3465; | Percent complete: | 86.6%; | Average loss: | 1.1249 |
| Iteration: | 3466; | Percent complete: | 86.7%; | Average loss: | 1.0515 |
| Iteration: | 3467; | Percent complete: | 86.7%; | Average loss: | 1.3159 |
| Iteration: | 3468; | Percent complete: | 86.7%; | Average loss: | 1.3295 |
| Iteration: | 3469; | Percent complete: | 86.7%; | Average loss: | 1.3821 |
| Iteration: | 3470; | Percent complete: | 86.8%; | Average loss: | 1.2595 |
| Iteration: | 3471; | Percent complete: | 86.8%; | Average loss: | 1.3317 |
| Iteration: | 3472; | Percent complete: | 86.8%; | Average loss: | 1.2523 |
| Iteration: | 3473; | Percent complete: | 86.8%; | Average loss: | 1.4071 |
| Iteration: | 3474; | Percent complete: | 86.9%; | Average loss: | 1.4686 |
| Iteration: | 3475; | Percent complete: | 86.9%; | Average loss: | 1.1155 |
| Iteration: | 3476; | Percent complete: | 86.9%; | Average loss: | 1.2955 |
| Iteration: | 3477; | Percent complete: | 86.9%; | Average loss: | 1.2511 |
| Iteration: | 3478; | Percent complete: | 87.0%; | Average loss: | 1.2663 |
| Iteration: | 3479; | Percent complete: | 87.0%; | Average loss: | 1.3092 |
| Iteration: | 3480; | Percent complete: | 87.0%; | Average loss: | 1.1561 |
| Iteration: | 3481; | Percent complete: | 87.0%; | Average loss: | 1.3603 |
| Iteration: | 3482; | Percent complete: | 87.1%; | Average loss: | 1.2883 |
| Iteration: | 3483; | Percent complete: | 87.1%; | Average loss: | 1.3966 |
| Iteration: | 3484; | Percent complete: | 87.1%; | Average loss: | 1.6373 |
| Iteration: | 3485; | Percent complete: | 87.1%; | Average loss: | 1.4159 |
| Iteration: | 3486; | Percent complete: | 87.2%; | Average loss: | 1.2966 |
| Iteration: | 3487; | Percent complete: | 87.2%; | Average loss: | 1.0502 |
| Iteration: | 3488; | Percent complete: | 87.2%; | Average loss: | 1.2577 |
| Iteration: | 3489; | Percent complete: | 87.2%; | Average loss: | 1.3620 |
| Iteration: | 3490; | Percent complete: | 87.2%; | Average loss: | 1.2560 |
| Iteration: | 3491; | Percent complete: | 87.3%; | Average loss: | 1.3436 |
| Iteration: | 3492; | Percent complete: | 87.3%; | Average loss: | 1.3463 |
| Iteration: | 3493; | Percent complete: | 87.3%; | Average loss: | 1.1246 |
| Iteration: | 3494; | Percent complete: | 87.4%; | Average loss: | 1.2505 |
| Iteration: | 3495; | Percent complete: | 87.4%; | Average loss: | 1.6940 |
| Iteration: | 3496; | Percent complete: | 87.4%; | Average loss: | 1.4434 |
| Iteration: | 3497; | Percent complete: | 87.4%; | Average loss: | 1.3054 |
| Iteration: | 3498; | Percent complete: | 87.5%; | Average loss: | 1.4562 |
| Iteration: | 3499; | Percent complete: | 87.5%; | Average loss: | 1.1396 |
| Iteration: | 3500; | Percent complete: | 87.5%; | Average loss: | 1.0654 |
| Iteration: | 3501; | Percent complete: | 87.5%; | Average loss: | 1.1797 |
| Iteration: | 3502; | Percent complete: | 87.5%; | Average loss: | 1.2484 |
| Iteration: | 3503; | Percent complete: | 87.6%; | Average loss: | 1.6006 |
| Iteration: | 3504; | Percent complete: | 87.6%; | Average loss: | 1.2018 |
| Iteration: | 3505; | Percent complete: | 87.6%; | Average loss: | 1.1878 |
| Iteration: | 3506; | Percent complete: | 87.6%; | Average loss: | 1.1119 |
| Iteration: | 3507; | Percent complete: | 87.7%; | Average loss: | 1.0129 |
| Iteration: | 3508; | Percent complete: | 87.7%; | Average loss: | 1.2648 |
| Iteration: | 3509; | Percent complete: | 87.7%; | Average loss: | 1.5208 |
| Iteration: | 3510; | Percent complete: | 87.8%; | Average loss: | 1.2722 |
| Iteration: | 3511; | Percent complete: | 87.8%; | Average loss: | 1.2105 |
| Iteration: | 3512; | Percent complete: | 87.8%; | Average loss: | 1.2475 |
| Iteration: | 3513; | Percent complete: | 87.8%; | Average loss: | 1.2031 |
| Iteration: | 3514; | Percent complete: | 87.8%; | Average loss: | 1.4171 |
| Iteration: | 3515; | Percent complete: | 87.9%; | Average loss: | 1.3016 |
| Iteration: | 3516; | Percent complete: | 87.9%; | Average loss: | 1.3865 |
| Iteration: | 3517; | Percent complete: | 87.9%; | Average loss: | 1.1940 |
| Iteration: | 3518; | Percent complete: | 87.9%; | Average loss: | 1.3817 |
| Iteration: | 3519; | Percent complete: | 88.0%; | Average loss: | 1.3752 |
| Iteration: | 3520; | Percent complete: | 88.0%; | Average loss: | 1.3437 |
| Iteration: | 3521; | Percent complete: | 88.0%; | Average loss: | 1.2943 |
| Iteration: | 3522; | Percent complete: | 88.0%; | Average loss: | 1.2564 |
| Iteration: | 3523; | Percent complete: | 88.1%; | Average loss: | 1.3585 |
| Iteration: | 3524; | Percent complete: | 88.1%; | Average loss: | 1.1863 |
| Iteration: | 3525; | Percent complete: | 88.1%; | Average loss: | 1.2360 |
| Iteration: | 3526; | Percent complete: | 88.1%; | Average loss: | 1.2903 |
| Iteration: | 3527; | Percent complete: | 88.2%; | Average loss: | 1.2034 |
| Iteration: | 3528; | Percent complete: | 88.2%; | Average loss: | 1.3784 |
| Iteration: | 3529; | Percent complete: | 88.2%; | Average loss: | 1.6548 |
| Iteration: | 3530; | Percent complete: | 88.2%; | Average loss: | 1.4167 |
| Iteration: | 3531; | Percent complete: | 88.3%; | Average loss: | 1.3511 |
| Iteration: | 3532; | Percent complete: | 88.3%; | Average loss: | 1.1715 |
| Iteration: | 3533; | Percent complete: | 88.3%; | Average loss: | 1.4170 |
| Iteration: | 3534; | Percent complete: | 88.3%; | Average loss: | 1.1310 |
| Iteration: | 3535; | Percent complete: | 88.4%; | Average loss: | 1.2949 |
| Iteration: | 3536; | Percent complete: | 88.4%; | Average loss: | 1      |

Iteration: 3552; Percent complete: 88.8%; Average loss: 1.5348  
Iteration: 3553; Percent complete: 88.8%; Average loss: 1.3691  
Iteration: 3554; Percent complete: 88.8%; Average loss: 1.2709  
Iteration: 3555; Percent complete: 88.9%; Average loss: 1.4031  
Iteration: 3556; Percent complete: 88.9%; Average loss: 1.3003  
Iteration: 3557; Percent complete: 88.9%; Average loss: 1.3109  
Iteration: 3558; Percent complete: 88.9%; Average loss: 1.4694  
Iteration: 3559; Percent complete: 89.0%; Average loss: 1.3472  
Iteration: 3560; Percent complete: 89.0%; Average loss: 1.3089  
Iteration: 3561; Percent complete: 89.0%; Average loss: 1.2456  
Iteration: 3562; Percent complete: 89.0%; Average loss: 1.2484  
Iteration: 3563; Percent complete: 89.1%; Average loss: 1.3359  
Iteration: 3564; Percent complete: 89.1%; Average loss: 1.4503  
Iteration: 3565; Percent complete: 89.1%; Average loss: 1.3565  
Iteration: 3566; Percent complete: 89.1%; Average loss: 1.1695  
Iteration: 3567; Percent complete: 89.2%; Average loss: 1.4151  
Iteration: 3568; Percent complete: 89.2%; Average loss: 1.2197  
Iteration: 3569; Percent complete: 89.2%; Average loss: 1.4423  
Iteration: 3570; Percent complete: 89.2%; Average loss: 1.4796  
Iteration: 3571; Percent complete: 89.3%; Average loss: 1.3007  
Iteration: 3572; Percent complete: 89.3%; Average loss: 1.1709  
Iteration: 3573; Percent complete: 89.3%; Average loss: 1.3146  
Iteration: 3574; Percent complete: 89.3%; Average loss: 1.3209  
Iteration: 3575; Percent complete: 89.4%; Average loss: 1.1761  
Iteration: 3576; Percent complete: 89.4%; Average loss: 1.2935  
Iteration: 3577; Percent complete: 89.4%; Average loss: 1.4200  
Iteration: 3578; Percent complete: 89.5%; Average loss: 1.1242  
Iteration: 3579; Percent complete: 89.5%; Average loss: 1.6433  
Iteration: 3580; Percent complete: 89.5%; Average loss: 1.0786  
Iteration: 3581; Percent complete: 89.5%; Average loss: 1.1928  
Iteration: 3582; Percent complete: 89.5%; Average loss: 1.3133  
Iteration: 3583; Percent complete: 89.6%; Average loss: 1.4919  
Iteration: 3584; Percent complete: 89.6%; Average loss: 1.3881  
Iteration: 3585; Percent complete: 89.6%; Average loss: 1.2700  
Iteration: 3586; Percent complete: 89.6%; Average loss: 1.3815  
Iteration: 3587; Percent complete: 89.7%; Average loss: 1.2531  
Iteration: 3588; Percent complete: 89.7%; Average loss: 1.1648  
Iteration: 3589; Percent complete: 89.7%; Average loss: 1.3012  
Iteration: 3590; Percent complete: 89.8%; Average loss: 1.2387  
Iteration: 3591; Percent complete: 89.8%; Average loss: 1.3306  
Iteration: 3592; Percent complete: 89.8%; Average loss: 1.4840  
Iteration: 3593; Percent complete: 89.8%; Average loss: 1.2407  
Iteration: 3594; Percent complete: 89.8%; Average loss: 1.1519  
Iteration: 3595; Percent complete: 89.9%; Average loss: 1.4280  
Iteration: 3596; Percent complete: 89.9%; Average loss: 1.2361  
Iteration: 3597; Percent complete: 89.9%; Average loss: 1.2729  
Iteration: 3598; Percent complete: 90.0%; Average loss: 1.3901  
Iteration: 3599; Percent complete: 90.0%; Average loss: 1.2666  
Iteration: 3600; Percent complete: 90.0%; Average loss: 1.3859  
Iteration: 3601; Percent complete: 90.0%; Average loss: 1.3199  
Iteration: 3602; Percent complete: 90.0%; Average loss: 1.1717  
Iteration: 3603; Percent complete: 90.1%; Average loss: 1.0938  
Iteration: 3604; Percent complete: 90.1%; Average loss: 1.3970  
Iteration: 3605; Percent complete: 90.1%; Average loss: 1.1786  
Iteration: 3606; Percent complete: 90.1%; Average loss: 1.2551  
Iteration: 3607; Percent complete: 90.2%; Average loss: 1.4021  
Iteration: 3608; Percent complete: 90.2%; Average loss: 1.2791  
Iteration: 3609; Percent complete: 90.2%; Average loss: 1.3035  
Iteration: 3610; Percent complete: 90.2%; Average loss: 1.1718  
Iteration: 3611; Percent complete: 90.3%; Average loss: 1.2049  
Iteration: 3612; Percent complete: 90.3%; Average loss: 1.5362  
Iteration: 3613; Percent complete: 90.3%; Average loss: 1.1386  
Iteration: 3614; Percent complete: 90.3%; Average loss: 1.3259  
Iteration: 3615; Percent complete: 90.4%; Average loss: 1.5347  
Iteration: 3616; Percent complete: 90.4%; Average loss: 1.4216  
Iteration: 3617; Percent complete: 90.4%; Average loss: 1.0867  
Iteration: 3618; Percent complete: 90.5%; Average loss: 1.2984  
Iteration: 3619; Percent complete: 90.5%; Average loss: 1.3046  
Iteration: 3620; Percent complete: 90.5%; Average loss: 1.3056  
Iteration: 3621; Percent complete: 90.5%; Average loss: 1.4354  
Iteration: 3622; Percent complete: 90.5%; Average loss: 1.1321  
Iteration: 3623; Percent complete: 90.6%; Average loss: 1.4477  
Iteration: 3624; Percent complete: 90.6%; Average loss: 1.5104  
Iteration: 3625; Percent complete: 90.6%; Average loss: 1.1719  
Iteration: 3626; Percent complete: 90.6%; Average loss: 1.2163  
Iteration: 3627; Percent complete: 90.7%; Average loss: 1.1838  
Iteration: 3628; Percent complete: 90.7%; Average loss: 1.3234  
Iteration: 3629; Percent complete: 90.7%; Average loss: 1.4176  
Iteration: 3630; Percent complete: 90.8%; Average loss: 1.1436  
Iteration: 3631; Percent complete: 90.8%; Average loss: 1.3167  
Iteration: 3632; Percent complete: 90.8%; Average loss: 1.2824  
Iteration: 3633; Percent complete: 90.8%; Average loss: 1.1699  
Iteration: 3634; Percent complete: 90.8%; Average loss: 1.3244  
Iteration: 3635; Percent complete: 90.9%; Average loss: 1.3374  
Iteration: 3636; Percent complete: 90.9%; Average loss: 1.1853  
Iteration: 3637; Percent complete: 90.9%; Average loss: 1.1858  
Iteration: 3638; Percent complete: 91.0%; Average loss: 1.3206  
Iteration: 3639; Percent complete: 91.0%; Average loss: 1.3142  
Iteration: 3640; Percent complete: 91.0%; Average loss: 1.1597  
Iteration: 3641; Percent complete: 91.0%; Average loss: 1.0971  
Iteration: 3642; Percent complete: 91.0%; Average loss: 1.6015

Iteration: 3643; Percent complete: 91.1%; Average loss: 1.13220  
Iteration: 3644; Percent complete: 91.1%; Average loss: 1.1346  
Iteration: 3645; Percent complete: 91.1%; Average loss: 1.3937  
Iteration: 3646; Percent complete: 91.1%; Average loss: 1.4014  
Iteration: 3647; Percent complete: 91.2%; Average loss: 1.2801  
Iteration: 3648; Percent complete: 91.2%; Average loss: 1.2886  
Iteration: 3649; Percent complete: 91.2%; Average loss: 1.4198  
Iteration: 3650; Percent complete: 91.2%; Average loss: 1.2865  
Iteration: 3651; Percent complete: 91.3%; Average loss: 1.2727  
Iteration: 3652; Percent complete: 91.3%; Average loss: 1.3449  
Iteration: 3653; Percent complete: 91.3%; Average loss: 1.3029  
Iteration: 3654; Percent complete: 91.3%; Average loss: 1.4219  
Iteration: 3655; Percent complete: 91.4%; Average loss: 1.3781  
Iteration: 3656; Percent complete: 91.4%; Average loss: 1.4023  
Iteration: 3657; Percent complete: 91.4%; Average loss: 0.9978  
Iteration: 3658; Percent complete: 91.5%; Average loss: 1.2761  
Iteration: 3659; Percent complete: 91.5%; Average loss: 1.4600  
Iteration: 3660; Percent complete: 91.5%; Average loss: 1.4418  
Iteration: 3661; Percent complete: 91.5%; Average loss: 1.2943  
Iteration: 3662; Percent complete: 91.5%; Average loss: 1.3438  
Iteration: 3663; Percent complete: 91.6%; Average loss: 1.1376  
Iteration: 3664; Percent complete: 91.6%; Average loss: 1.2520  
Iteration: 3665; Percent complete: 91.6%; Average loss: 1.3315  
Iteration: 3666; Percent complete: 91.6%; Average loss: 1.2285  
Iteration: 3667; Percent complete: 91.7%; Average loss: 1.4396  
Iteration: 3668; Percent complete: 91.7%; Average loss: 1.3408  
Iteration: 3669; Percent complete: 91.7%; Average loss: 1.2387  
Iteration: 3670; Percent complete: 91.8%; Average loss: 1.0950  
Iteration: 3671; Percent complete: 91.8%; Average loss: 1.3220  
Iteration: 3672; Percent complete: 91.8%; Average loss: 1.3731  
Iteration: 3673; Percent complete: 91.8%; Average loss: 1.3953  
Iteration: 3674; Percent complete: 91.8%; Average loss: 1.1433  
Iteration: 3675; Percent complete: 91.9%; Average loss: 1.3250  
Iteration: 3676; Percent complete: 91.9%; Average loss: 1.3672  
Iteration: 3677; Percent complete: 91.9%; Average loss: 1.0759  
Iteration: 3678; Percent complete: 92.0%; Average loss: 1.2774  
Iteration: 3679; Percent complete: 92.0%; Average loss: 1.1975  
Iteration: 3680; Percent complete: 92.0%; Average loss: 1.3415  
Iteration: 3681; Percent complete: 92.0%; Average loss: 1.3804  
Iteration: 3682; Percent complete: 92.0%; Average loss: 1.2106  
Iteration: 3683; Percent complete: 92.1%; Average loss: 1.3632  
Iteration: 3684; Percent complete: 92.1%; Average loss: 1.2756  
Iteration: 3685; Percent complete: 92.1%; Average loss: 1.5113  
Iteration: 3686; Percent complete: 92.2%; Average loss: 1.2934  
Iteration: 3687; Percent complete: 92.2%; Average loss: 1.3833  
Iteration: 3688; Percent complete: 92.2%; Average loss: 1.5780  
Iteration: 3689; Percent complete: 92.2%; Average loss: 1.4060  
Iteration: 3690; Percent complete: 92.2%; Average loss: 1.5137  
Iteration: 3691; Percent complete: 92.3%; Average loss: 1.2585  
Iteration: 3692; Percent complete: 92.3%; Average loss: 1.3404  
Iteration: 3693; Percent complete: 92.3%; Average loss: 1.3006  
Iteration: 3694; Percent complete: 92.3%; Average loss: 1.1548  
Iteration: 3695; Percent complete: 92.4%; Average loss: 1.1734  
Iteration: 3696; Percent complete: 92.4%; Average loss: 1.3449  
Iteration: 3697; Percent complete: 92.4%; Average loss: 1.1666  
Iteration: 3698; Percent complete: 92.5%; Average loss: 1.1460  
Iteration: 3699; Percent complete: 92.5%; Average loss: 1.2289  
Iteration: 3700; Percent complete: 92.5%; Average loss: 1.1855  
Iteration: 3701; Percent complete: 92.5%; Average loss: 1.2947  
Iteration: 3702; Percent complete: 92.5%; Average loss: 1.1273  
Iteration: 3703; Percent complete: 92.6%; Average loss: 1.3134  
Iteration: 3704; Percent complete: 92.6%; Average loss: 1.3403  
Iteration: 3705; Percent complete: 92.6%; Average loss: 1.2749  
Iteration: 3706; Percent complete: 92.7%; Average loss: 1.2636  
Iteration: 3707; Percent complete: 92.7%; Average loss: 1.1683  
Iteration: 3708; Percent complete: 92.7%; Average loss: 1.0436  
Iteration: 3709; Percent complete: 92.7%; Average loss: 1.1177  
Iteration: 3710; Percent complete: 92.8%; Average loss: 1.3619  
Iteration: 3711; Percent complete: 92.8%; Average loss: 1.2777  
Iteration: 3712; Percent complete: 92.8%; Average loss: 1.2114  
Iteration: 3713; Percent complete: 92.8%; Average loss: 1.1691  
Iteration: 3714; Percent complete: 92.8%; Average loss: 1.3233  
Iteration: 3715; Percent complete: 92.9%; Average loss: 1.1836  
Iteration: 3716; Percent complete: 92.9%; Average loss: 1.5381  
Iteration: 3717; Percent complete: 92.9%; Average loss: 1.2152  
Iteration: 3718; Percent complete: 93.0%; Average loss: 1.2435  
Iteration: 3719; Percent complete: 93.0%; Average loss: 1.4387  
Iteration: 3720; Percent complete: 93.0%; Average loss: 1.0777  
Iteration: 3721; Percent complete: 93.0%; Average loss: 1.1456  
Iteration: 3722; Percent complete: 93.0%; Average loss: 1.2864  
Iteration: 3723; Percent complete: 93.1%; Average loss: 1.4217  
Iteration: 3724; Percent complete: 93.1%; Average loss: 1.3546  
Iteration: 3725; Percent complete: 93.1%; Average loss: 1.3148  
Iteration: 3726; Percent complete: 93.2%; Average loss: 1.3769  
Iteration: 3727; Percent complete: 93.2%; Average loss: 1.1003  
Iteration: 3728; Percent complete: 93.2%; Average loss: 1.0681  
Iteration: 3729; Percent complete: 93.2%; Average loss: 1.2610  
Iteration: 3730; Percent complete: 93.2%; Average loss: 1.2164  
Iteration: 3731; Percent complete: 93.3%; Average loss: 1.1375  
Iteration: 3732; Percent complete: 93.3%; Average loss: 1.1673  
Iteration: 3733; Percent complete: 93.3%; Average loss: 1.3134  
Iteration: 3734; Percent complete: 93.3%; Average loss: 1.2228

Iteration: 3734; Percent complete: 93.5%; Average loss: 1.3278  
Iteration: 3735; Percent complete: 93.4%; Average loss: 1.2011  
Iteration: 3736; Percent complete: 93.4%; Average loss: 1.6056  
Iteration: 3737; Percent complete: 93.4%; Average loss: 1.1664  
Iteration: 3738; Percent complete: 93.5%; Average loss: 1.3349  
Iteration: 3739; Percent complete: 93.5%; Average loss: 1.0742  
Iteration: 3740; Percent complete: 93.5%; Average loss: 1.3651  
Iteration: 3741; Percent complete: 93.5%; Average loss: 1.3606  
Iteration: 3742; Percent complete: 93.5%; Average loss: 1.3425  
Iteration: 3743; Percent complete: 93.6%; Average loss: 1.2026  
Iteration: 3744; Percent complete: 93.6%; Average loss: 1.2258  
Iteration: 3745; Percent complete: 93.6%; Average loss: 1.0453  
Iteration: 3746; Percent complete: 93.7%; Average loss: 1.2885  
Iteration: 3747; Percent complete: 93.7%; Average loss: 1.3630  
Iteration: 3748; Percent complete: 93.7%; Average loss: 1.3352  
Iteration: 3749; Percent complete: 93.7%; Average loss: 1.3425  
Iteration: 3750; Percent complete: 93.8%; Average loss: 1.2519  
Iteration: 3751; Percent complete: 93.8%; Average loss: 1.4044  
Iteration: 3752; Percent complete: 93.8%; Average loss: 1.2728  
Iteration: 3753; Percent complete: 93.8%; Average loss: 1.3433  
Iteration: 3754; Percent complete: 93.8%; Average loss: 1.3315  
Iteration: 3755; Percent complete: 93.9%; Average loss: 1.3198  
Iteration: 3756; Percent complete: 93.9%; Average loss: 1.1729  
Iteration: 3757; Percent complete: 93.9%; Average loss: 1.2631  
Iteration: 3758; Percent complete: 94.0%; Average loss: 1.3373  
Iteration: 3759; Percent complete: 94.0%; Average loss: 1.1539  
Iteration: 3760; Percent complete: 94.0%; Average loss: 1.2151  
Iteration: 3761; Percent complete: 94.0%; Average loss: 1.4795  
Iteration: 3762; Percent complete: 94.0%; Average loss: 1.3505  
Iteration: 3763; Percent complete: 94.1%; Average loss: 1.3482  
Iteration: 3764; Percent complete: 94.1%; Average loss: 1.4923  
Iteration: 3765; Percent complete: 94.1%; Average loss: 1.2146  
Iteration: 3766; Percent complete: 94.2%; Average loss: 1.2327  
Iteration: 3767; Percent complete: 94.2%; Average loss: 1.0974  
Iteration: 3768; Percent complete: 94.2%; Average loss: 1.3121  
Iteration: 3769; Percent complete: 94.2%; Average loss: 1.1985  
Iteration: 3770; Percent complete: 94.2%; Average loss: 1.3248  
Iteration: 3771; Percent complete: 94.3%; Average loss: 1.2299  
Iteration: 3772; Percent complete: 94.3%; Average loss: 1.1975  
Iteration: 3773; Percent complete: 94.3%; Average loss: 1.2785  
Iteration: 3774; Percent complete: 94.3%; Average loss: 1.1257  
Iteration: 3775; Percent complete: 94.4%; Average loss: 1.3492  
Iteration: 3776; Percent complete: 94.4%; Average loss: 1.2871  
Iteration: 3777; Percent complete: 94.4%; Average loss: 1.4822  
Iteration: 3778; Percent complete: 94.5%; Average loss: 1.2657  
Iteration: 3779; Percent complete: 94.5%; Average loss: 1.1457  
Iteration: 3780; Percent complete: 94.5%; Average loss: 1.4553  
Iteration: 3781; Percent complete: 94.5%; Average loss: 1.1910  
Iteration: 3782; Percent complete: 94.5%; Average loss: 1.2804  
Iteration: 3783; Percent complete: 94.6%; Average loss: 1.2362  
Iteration: 3784; Percent complete: 94.6%; Average loss: 1.3119  
Iteration: 3785; Percent complete: 94.6%; Average loss: 1.3366  
Iteration: 3786; Percent complete: 94.7%; Average loss: 1.2242  
Iteration: 3787; Percent complete: 94.7%; Average loss: 1.3484  
Iteration: 3788; Percent complete: 94.7%; Average loss: 1.2985  
Iteration: 3789; Percent complete: 94.7%; Average loss: 1.1017  
Iteration: 3790; Percent complete: 94.8%; Average loss: 1.2636  
Iteration: 3791; Percent complete: 94.8%; Average loss: 1.5432  
Iteration: 3792; Percent complete: 94.8%; Average loss: 1.3037  
Iteration: 3793; Percent complete: 94.8%; Average loss: 1.1941  
Iteration: 3794; Percent complete: 94.8%; Average loss: 1.4979  
Iteration: 3795; Percent complete: 94.9%; Average loss: 1.1520  
Iteration: 3796; Percent complete: 94.9%; Average loss: 1.1518  
Iteration: 3797; Percent complete: 94.9%; Average loss: 1.1936  
Iteration: 3798; Percent complete: 95.0%; Average loss: 1.3701  
Iteration: 3799; Percent complete: 95.0%; Average loss: 1.1715  
Iteration: 3800; Percent complete: 95.0%; Average loss: 1.3259  
Iteration: 3801; Percent complete: 95.0%; Average loss: 1.5721  
Iteration: 3802; Percent complete: 95.0%; Average loss: 1.2880  
Iteration: 3803; Percent complete: 95.1%; Average loss: 1.1815  
Iteration: 3804; Percent complete: 95.1%; Average loss: 1.2125  
Iteration: 3805; Percent complete: 95.1%; Average loss: 1.0808  
Iteration: 3806; Percent complete: 95.2%; Average loss: 1.3277  
Iteration: 3807; Percent complete: 95.2%; Average loss: 1.2338  
Iteration: 3808; Percent complete: 95.2%; Average loss: 1.3851  
Iteration: 3809; Percent complete: 95.2%; Average loss: 1.3902  
Iteration: 3810; Percent complete: 95.2%; Average loss: 1.3759  
Iteration: 3811; Percent complete: 95.3%; Average loss: 1.1100  
Iteration: 3812; Percent complete: 95.3%; Average loss: 1.1814  
Iteration: 3813; Percent complete: 95.3%; Average loss: 1.3570  
Iteration: 3814; Percent complete: 95.3%; Average loss: 1.3214  
Iteration: 3815; Percent complete: 95.4%; Average loss: 1.2805  
Iteration: 3816; Percent complete: 95.4%; Average loss: 1.1756  
Iteration: 3817; Percent complete: 95.4%; Average loss: 1.0527  
Iteration: 3818; Percent complete: 95.5%; Average loss: 1.4359  
Iteration: 3819; Percent complete: 95.5%; Average loss: 1.3236  
Iteration: 3820; Percent complete: 95.5%; Average loss: 1.2326  
Iteration: 3821; Percent complete: 95.5%; Average loss: 1.3468  
Iteration: 3822; Percent complete: 95.5%; Average loss: 1.2355  
Iteration: 3823; Percent complete: 95.6%; Average loss: 1.1354  
Iteration: 3824; Percent complete: 95.6%; Average loss: 1.2447  
Iteration: 3825; Percent complete: 95.6%; Average loss: 1.0757

|                  |                   |        |               |        |
|------------------|-------------------|--------|---------------|--------|
| Iteration: 3826; | Percent complete: | 95.7%; | Average loss: | 1.3426 |
| Iteration: 3827; | Percent complete: | 95.7%; | Average loss: | 1.1815 |
| Iteration: 3828; | Percent complete: | 95.7%; | Average loss: | 1.2184 |
| Iteration: 3829; | Percent complete: | 95.7%; | Average loss: | 1.1773 |
| Iteration: 3830; | Percent complete: | 95.8%; | Average loss: | 0.9716 |
| Iteration: 3831; | Percent complete: | 95.8%; | Average loss: | 1.3999 |
| Iteration: 3832; | Percent complete: | 95.8%; | Average loss: | 1.3439 |
| Iteration: 3833; | Percent complete: | 95.8%; | Average loss: | 1.3434 |
| Iteration: 3834; | Percent complete: | 95.9%; | Average loss: | 1.4729 |
| Iteration: 3835; | Percent complete: | 95.9%; | Average loss: | 1.1816 |
| Iteration: 3836; | Percent complete: | 95.9%; | Average loss: | 1.1050 |
| Iteration: 3837; | Percent complete: | 95.9%; | Average loss: | 1.4545 |
| Iteration: 3838; | Percent complete: | 96.0%; | Average loss: | 1.1416 |
| Iteration: 3839; | Percent complete: | 96.0%; | Average loss: | 1.1336 |
| Iteration: 3840; | Percent complete: | 96.0%; | Average loss: | 1.2677 |
| Iteration: 3841; | Percent complete: | 96.0%; | Average loss: | 1.2344 |
| Iteration: 3842; | Percent complete: | 96.0%; | Average loss: | 1.1242 |
| Iteration: 3843; | Percent complete: | 96.1%; | Average loss: | 1.3167 |
| Iteration: 3844; | Percent complete: | 96.1%; | Average loss: | 1.1563 |
| Iteration: 3845; | Percent complete: | 96.1%; | Average loss: | 1.4193 |
| Iteration: 3846; | Percent complete: | 96.2%; | Average loss: | 1.1532 |
| Iteration: 3847; | Percent complete: | 96.2%; | Average loss: | 1.5097 |
| Iteration: 3848; | Percent complete: | 96.2%; | Average loss: | 1.3194 |
| Iteration: 3849; | Percent complete: | 96.2%; | Average loss: | 1.2630 |
| Iteration: 3850; | Percent complete: | 96.2%; | Average loss: | 1.2367 |
| Iteration: 3851; | Percent complete: | 96.3%; | Average loss: | 1.2836 |
| Iteration: 3852; | Percent complete: | 96.3%; | Average loss: | 1.0747 |
| Iteration: 3853; | Percent complete: | 96.3%; | Average loss: | 1.1070 |
| Iteration: 3854; | Percent complete: | 96.4%; | Average loss: | 1.4035 |
| Iteration: 3855; | Percent complete: | 96.4%; | Average loss: | 1.2497 |
| Iteration: 3856; | Percent complete: | 96.4%; | Average loss: | 1.1572 |
| Iteration: 3857; | Percent complete: | 96.4%; | Average loss: | 1.2106 |
| Iteration: 3858; | Percent complete: | 96.5%; | Average loss: | 1.3562 |
| Iteration: 3859; | Percent complete: | 96.5%; | Average loss: | 1.2702 |
| Iteration: 3860; | Percent complete: | 96.5%; | Average loss: | 1.1935 |
| Iteration: 3861; | Percent complete: | 96.5%; | Average loss: | 1.2251 |
| Iteration: 3862; | Percent complete: | 96.5%; | Average loss: | 1.2996 |
| Iteration: 3863; | Percent complete: | 96.6%; | Average loss: | 1.1829 |
| Iteration: 3864; | Percent complete: | 96.6%; | Average loss: | 1.0927 |
| Iteration: 3865; | Percent complete: | 96.6%; | Average loss: | 1.1591 |
| Iteration: 3866; | Percent complete: | 96.7%; | Average loss: | 1.4434 |
| Iteration: 3867; | Percent complete: | 96.7%; | Average loss: | 1.2857 |
| Iteration: 3868; | Percent complete: | 96.7%; | Average loss: | 1.4028 |
| Iteration: 3869; | Percent complete: | 96.7%; | Average loss: | 1.1720 |
| Iteration: 3870; | Percent complete: | 96.8%; | Average loss: | 1.3400 |
| Iteration: 3871; | Percent complete: | 96.8%; | Average loss: | 1.1006 |
| Iteration: 3872; | Percent complete: | 96.8%; | Average loss: | 1.3852 |
| Iteration: 3873; | Percent complete: | 96.8%; | Average loss: | 1.3631 |
| Iteration: 3874; | Percent complete: | 96.9%; | Average loss: | 1.2421 |
| Iteration: 3875; | Percent complete: | 96.9%; | Average loss: | 1.2898 |
| Iteration: 3876; | Percent complete: | 96.9%; | Average loss: | 1.1995 |
| Iteration: 3877; | Percent complete: | 96.9%; | Average loss: | 1.3321 |
| Iteration: 3878; | Percent complete: | 97.0%; | Average loss: | 1.5109 |
| Iteration: 3879; | Percent complete: | 97.0%; | Average loss: | 1.0393 |
| Iteration: 3880; | Percent complete: | 97.0%; | Average loss: | 1.2018 |
| Iteration: 3881; | Percent complete: | 97.0%; | Average loss: | 1.4056 |
| Iteration: 3882; | Percent complete: | 97.0%; | Average loss: | 1.2667 |
| Iteration: 3883; | Percent complete: | 97.1%; | Average loss: | 1.4834 |
| Iteration: 3884; | Percent complete: | 97.1%; | Average loss: | 1.4719 |
| Iteration: 3885; | Percent complete: | 97.1%; | Average loss: | 1.1373 |
| Iteration: 3886; | Percent complete: | 97.2%; | Average loss: | 1.1648 |
| Iteration: 3887; | Percent complete: | 97.2%; | Average loss: | 1.2051 |
| Iteration: 3888; | Percent complete: | 97.2%; | Average loss: | 1.0788 |
| Iteration: 3889; | Percent complete: | 97.2%; | Average loss: | 1.0061 |
| Iteration: 3890; | Percent complete: | 97.2%; | Average loss: | 1.1423 |
| Iteration: 3891; | Percent complete: | 97.3%; | Average loss: | 1.3015 |
| Iteration: 3892; | Percent complete: | 97.3%; | Average loss: | 1.1962 |
| Iteration: 3893; | Percent complete: | 97.3%; | Average loss: | 1.0636 |
| Iteration: 3894; | Percent complete: | 97.4%; | Average loss: | 1.1896 |
| Iteration: 3895; | Percent complete: | 97.4%; | Average loss: | 1.0749 |
| Iteration: 3896; | Percent complete: | 97.4%; | Average loss: | 1.0839 |
| Iteration: 3897; | Percent complete: | 97.4%; | Average loss: | 1.1299 |
| Iteration: 3898; | Percent complete: | 97.5%; | Average loss: | 1.0471 |
| Iteration: 3899; | Percent complete: | 97.5%; | Average loss: | 1.2531 |
| Iteration: 3900; | Percent complete: | 97.5%; | Average loss: | 1.3168 |
| Iteration: 3901; | Percent complete: | 97.5%; | Average loss: | 1.2325 |
| Iteration: 3902; | Percent complete: | 97.5%; | Average loss: | 1.3073 |
| Iteration: 3903; | Percent complete: | 97.6%; | Average loss: | 1.2581 |
| Iteration: 3904; | Percent complete: | 97.6%; | Average loss: | 1.5257 |
| Iteration: 3905; | Percent complete: | 97.6%; | Average loss: | 1.0985 |
| Iteration: 3906; |                   |        |               |        |

Iteration: 3917; Percent complete: 97.9%; Average loss: 1.3245  
Iteration: 3918; Percent complete: 98.0%; Average loss: 1.0153  
Iteration: 3919; Percent complete: 98.0%; Average loss: 1.1979  
Iteration: 3920; Percent complete: 98.0%; Average loss: 1.2624  
Iteration: 3921; Percent complete: 98.0%; Average loss: 1.3033  
Iteration: 3922; Percent complete: 98.0%; Average loss: 1.0551  
Iteration: 3923; Percent complete: 98.1%; Average loss: 1.1523  
Iteration: 3924; Percent complete: 98.1%; Average loss: 1.5396  
Iteration: 3925; Percent complete: 98.1%; Average loss: 1.2908  
Iteration: 3926; Percent complete: 98.2%; Average loss: 1.2760  
Iteration: 3927; Percent complete: 98.2%; Average loss: 1.1768  
Iteration: 3928; Percent complete: 98.2%; Average loss: 1.4902  
Iteration: 3929; Percent complete: 98.2%; Average loss: 1.2529  
Iteration: 3930; Percent complete: 98.2%; Average loss: 1.2085  
Iteration: 3931; Percent complete: 98.3%; Average loss: 1.3805  
Iteration: 3932; Percent complete: 98.3%; Average loss: 1.0599  
Iteration: 3933; Percent complete: 98.3%; Average loss: 1.2345  
Iteration: 3934; Percent complete: 98.4%; Average loss: 1.3777  
Iteration: 3935; Percent complete: 98.4%; Average loss: 1.2673  
Iteration: 3936; Percent complete: 98.4%; Average loss: 1.0680  
Iteration: 3937; Percent complete: 98.4%; Average loss: 1.1636  
Iteration: 3938; Percent complete: 98.5%; Average loss: 1.2759  
Iteration: 3939; Percent complete: 98.5%; Average loss: 1.2790  
Iteration: 3940; Percent complete: 98.5%; Average loss: 1.1852  
Iteration: 3941; Percent complete: 98.5%; Average loss: 1.2010  
Iteration: 3942; Percent complete: 98.6%; Average loss: 1.0538  
Iteration: 3943; Percent complete: 98.6%; Average loss: 1.4237  
Iteration: 3944; Percent complete: 98.6%; Average loss: 1.3636  
Iteration: 3945; Percent complete: 98.6%; Average loss: 1.3855  
Iteration: 3946; Percent complete: 98.7%; Average loss: 1.1529  
Iteration: 3947; Percent complete: 98.7%; Average loss: 1.1763  
Iteration: 3948; Percent complete: 98.7%; Average loss: 1.1524  
Iteration: 3949; Percent complete: 98.7%; Average loss: 1.3089  
Iteration: 3950; Percent complete: 98.8%; Average loss: 1.4712  
Iteration: 3951; Percent complete: 98.8%; Average loss: 1.1907  
Iteration: 3952; Percent complete: 98.8%; Average loss: 1.1064  
Iteration: 3953; Percent complete: 98.8%; Average loss: 1.1104  
Iteration: 3954; Percent complete: 98.9%; Average loss: 1.4579  
Iteration: 3955; Percent complete: 98.9%; Average loss: 1.3028  
Iteration: 3956; Percent complete: 98.9%; Average loss: 1.2082  
Iteration: 3957; Percent complete: 98.9%; Average loss: 1.2731  
Iteration: 3958; Percent complete: 99.0%; Average loss: 1.3228  
Iteration: 3959; Percent complete: 99.0%; Average loss: 1.0970  
Iteration: 3960; Percent complete: 99.0%; Average loss: 1.1621  
Iteration: 3961; Percent complete: 99.0%; Average loss: 1.4088  
Iteration: 3962; Percent complete: 99.1%; Average loss: 1.2844  
Iteration: 3963; Percent complete: 99.1%; Average loss: 1.2652  
Iteration: 3964; Percent complete: 99.1%; Average loss: 1.3070  
Iteration: 3965; Percent complete: 99.1%; Average loss: 1.1634  
Iteration: 3966; Percent complete: 99.2%; Average loss: 1.2056  
Iteration: 3967; Percent complete: 99.2%; Average loss: 1.1410  
Iteration: 3968; Percent complete: 99.2%; Average loss: 1.2434  
Iteration: 3969; Percent complete: 99.2%; Average loss: 1.1009  
Iteration: 3970; Percent complete: 99.2%; Average loss: 1.3629  
Iteration: 3971; Percent complete: 99.3%; Average loss: 1.4070  
Iteration: 3972; Percent complete: 99.3%; Average loss: 1.3104  
Iteration: 3973; Percent complete: 99.3%; Average loss: 1.2635  
Iteration: 3974; Percent complete: 99.4%; Average loss: 1.3231  
Iteration: 3975; Percent complete: 99.4%; Average loss: 1.3321  
Iteration: 3976; Percent complete: 99.4%; Average loss: 1.1145  
Iteration: 3977; Percent complete: 99.4%; Average loss: 1.3701  
Iteration: 3978; Percent complete: 99.5%; Average loss: 1.3163  
Iteration: 3979; Percent complete: 99.5%; Average loss: 1.3309  
Iteration: 3980; Percent complete: 99.5%; Average loss: 1.4194  
Iteration: 3981; Percent complete: 99.5%; Average loss: 1.2652  
Iteration: 3982; Percent complete: 99.6%; Average loss: 1.2268  
Iteration: 3983; Percent complete: 99.6%; Average loss: 1.1839  
Iteration: 3984; Percent complete: 99.6%; Average loss: 1.4151  
Iteration: 3985; Percent complete: 99.6%; Average loss: 1.2738  
Iteration: 3986; Percent complete: 99.7%; Average loss: 1.3085  
Iteration: 3987; Percent complete: 99.7%; Average loss: 1.2871  
Iteration: 3988; Percent complete: 99.7%; Average loss: 1.4024  
Iteration: 3989; Percent complete: 99.7%; Average loss: 1.4138  
Iteration: 3990; Percent complete: 99.8%; Average loss: 1.1087  
Iteration: 3991; Percent complete: 99.8%; Average loss: 1.3688  
Iteration: 3992; Percent complete: 99.8%; Average loss: 1.2821  
Iteration: 3993; Percent complete: 99.8%; Average loss: 1.1085  
Iteration: 3994; Percent complete: 99.9%; Average loss: 1.3421  
Iteration: 3995; Percent complete: 99.9%; Average loss: 1.2335  
Iteration: 3996; Percent complete: 99.9%; Average loss: 0.9139  
Iteration: 3997; Percent complete: 99.9%; Average loss: 1.2562  
Iteration: 3998; Percent complete: 100.0%; Average loss: 1.4926  
Iteration: 3999; Percent complete: 100.0%; Average loss: 1.0699  
Iteration: 4000; Percent complete: 100.0%; Average loss: 1.2486

#### Run history:

batch loss   
epoch



epoch  
loss

## Run summary:

batch loss 1.24862  
epoch 8  
loss 1.61528

View run **devoted-sweep-8** at: <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps/runs/cl6y7u71>

View project at: <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps>

Synced 5 W&B file(s), 0 media file(s), 0 artifact file(s) and 0 other file(s)

Find logs at: `./wandb/run-20250928_214102-cl6y7u71/logs`

**wandb**: Agent Starting Run: ycj3rwla with config:

**wandb**: clip: 0

**wandb**: decoder\_learning\_ratio: 3

**wandb**: learning\_rate: 0.0001

**wandb**: optimizer: adam

**wandb**: teacher\_forcing\_ratio: 0

Tracking run with wandb version 0.22.0

Run data is saved locally in `/content/wandb/run-20250928_214500-ycj3rwla`

Syncing run **chocolate-sweep-9** to [Weights & Biases \(docs\)](#)

Sweep page: <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps/sweeps/jvrgq7ty>

View project at <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps>

View sweep at <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps/sweeps/jvrgq7ty>

View run at <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps/runs/ycj3rwla>

Building optimizers ...

Starting Training!

Initializing ...

Training...

Iteration: 1; Percent complete: 0.0%; Average loss: 1.4519  
Iteration: 2; Percent complete: 0.1%; Average loss: 1.2678  
Iteration: 3; Percent complete: 0.1%; Average loss: 1.1412  
Iteration: 4; Percent complete: 0.1%; Average loss: 1.3076  
Iteration: 5; Percent complete: 0.1%; Average loss: 1.1466  
Iteration: 6; Percent complete: 0.1%; Average loss: 1.4085  
Iteration: 7; Percent complete: 0.2%; Average loss: 1.1369  
Iteration: 8; Percent complete: 0.2%; Average loss: 0.9915  
Iteration: 9; Percent complete: 0.2%; Average loss: 1.3490  
Iteration: 10; Percent complete: 0.2%; Average loss: 1.1237  
Iteration: 11; Percent complete: 0.3%; Average loss: 1.2295  
Iteration: 12; Percent complete: 0.3%; Average loss: 1.1245  
Iteration: 13; Percent complete: 0.3%; Average loss: 1.2025  
Iteration: 14; Percent complete: 0.4%; Average loss: 1.1269  
Iteration: 15; Percent complete: 0.4%; Average loss: 1.2358  
Iteration: 16; Percent complete: 0.4%; Average loss: 1.3172  
Iteration: 17; Percent complete: 0.4%; Average loss: 1.1219  
Iteration: 18; Percent complete: 0.4%; Average loss: 1.4416  
Iteration: 19; Percent complete: 0.5%; Average loss: 1.3007  
Iteration: 20; Percent complete: 0.5%; Average loss: 1.0881  
Iteration: 21; Percent complete: 0.5%; Average loss: 1.3122  
Iteration: 22; Percent complete: 0.5%; Average loss: 1.3135  
Iteration: 23; Percent complete: 0.6%; Average loss: 1.3517  
Iteration: 24; Percent complete: 0.6%; Average loss: 1.2710  
Iteration: 25; Percent complete: 0.6%; Average loss: 1.3071  
Iteration: 26; Percent complete: 0.7%; Average loss: 1.4367  
Iteration: 27; Percent complete: 0.7%; Average loss: 1.2145  
Iteration: 28; Percent complete: 0.7%; Average loss: 1.2829  
Iteration: 29; Percent complete: 0.7%; Average loss: 1.0894  
Iteration: 30; Percent complete: 0.8%; Average loss: 1.2144  
Iteration: 31; Percent complete: 0.8%; Average loss: 1.3143  
Iteration: 32; Percent complete: 0.8%; Average loss: 1.0611  
Iteration: 33; Percent complete: 0.8%; Average loss: 1.5480  
Iteration: 34; Percent complete: 0.9%; Average loss: 1.2563  
Iteration: 35; Percent complete: 0.9%; Average loss: 1.1120  
Iteration: 36; Percent complete: 0.9%; Average loss: 1.5195  
Iteration: 37; Percent complete: 0.9%; Average loss: 1.4243  
Iteration: 38; Percent complete: 0.9%; Average loss: 1.3439  
Iteration: 39; Percent complete: 1.0%; Average loss: 1.5169  
Iteration: 40; Percent complete: 1.0%; Average loss: 1.5569  
Iteration: 41; Percent complete: 1.0%; Average loss: 1.1677  
Iteration: 42; Percent complete: 1.1%; Average loss: 1.0809  
Iteration: 43; Percent complete: 1.1%; Average loss: 1.3337  
Iteration: 44; Percent complete: 1.1%; Average loss: 1.2099  
Iteration: 45; Percent complete: 1.1%; Average loss: 1.1420  
Iteration: 46; Percent complete: 1.1%; Average loss: 1.0916  
Iteration: 47; Percent complete: 1.2%; Average loss: 1.2226  
Iteration: 48; Percent complete: 1.2%; Average loss: 1.1981  
Iteration: 49; Percent complete: 1.2%; Average loss: 1.2754  
Iteration: 50; Percent complete: 1.2%; Average loss: 1.3310  
Iteration: 51; Percent complete: 1.3%; Average loss: 1.4846  
Iteration: 52; Percent complete: 1.3%; Average loss: 1.0669  
Iteration: 53; Percent complete: 1.3%; Average loss: 1.2441  
Iteration: 54; Percent complete: 1.4%; Average loss: 1.1801  
Iteration: 55; Percent complete: 1.4%; Average loss: 1.5779  
Iteration: 56; Percent complete: 1.4%; Average loss: 1.2758  
Iteration: 57; Percent complete: 1.4%; Average loss: 1.2938  
Iteration: 58; Percent complete: 1.5%; Average loss: 1.0203  
Iteration: 59; Percent complete: 1.5%; Average loss: 1.2556

Iteration: 60; Percent complete: 1.5%; Average loss: 1.3455  
Iteration: 61; Percent complete: 1.5%; Average loss: 1.4232  
Iteration: 62; Percent complete: 1.6%; Average loss: 1.4639  
Iteration: 63; Percent complete: 1.6%; Average loss: 1.3047  
Iteration: 64; Percent complete: 1.6%; Average loss: 1.0525  
Iteration: 65; Percent complete: 1.6%; Average loss: 1.1667  
Iteration: 66; Percent complete: 1.7%; Average loss: 1.2577  
Iteration: 67; Percent complete: 1.7%; Average loss: 1.4309  
Iteration: 68; Percent complete: 1.7%; Average loss: 1.3758  
Iteration: 69; Percent complete: 1.7%; Average loss: 1.4205  
Iteration: 70; Percent complete: 1.8%; Average loss: 1.2712  
Iteration: 71; Percent complete: 1.8%; Average loss: 1.2620  
Iteration: 72; Percent complete: 1.8%; Average loss: 1.3630  
Iteration: 73; Percent complete: 1.8%; Average loss: 0.9211  
Iteration: 74; Percent complete: 1.8%; Average loss: 1.2266  
Iteration: 75; Percent complete: 1.9%; Average loss: 1.2310  
Iteration: 76; Percent complete: 1.9%; Average loss: 1.1510  
Iteration: 77; Percent complete: 1.9%; Average loss: 1.2878  
Iteration: 78; Percent complete: 1.9%; Average loss: 1.2786  
Iteration: 79; Percent complete: 2.0%; Average loss: 1.2896  
Iteration: 80; Percent complete: 2.0%; Average loss: 1.5385  
Iteration: 81; Percent complete: 2.0%; Average loss: 1.2127  
Iteration: 82; Percent complete: 2.1%; Average loss: 1.3243  
Iteration: 83; Percent complete: 2.1%; Average loss: 1.0500  
Iteration: 84; Percent complete: 2.1%; Average loss: 1.0742  
Iteration: 85; Percent complete: 2.1%; Average loss: 1.0295  
Iteration: 86; Percent complete: 2.1%; Average loss: 1.0851  
Iteration: 87; Percent complete: 2.2%; Average loss: 1.2116  
Iteration: 88; Percent complete: 2.2%; Average loss: 1.0221  
Iteration: 89; Percent complete: 2.2%; Average loss: 1.2089  
Iteration: 90; Percent complete: 2.2%; Average loss: 1.4601  
Iteration: 91; Percent complete: 2.3%; Average loss: 1.2698  
Iteration: 92; Percent complete: 2.3%; Average loss: 1.0222  
Iteration: 93; Percent complete: 2.3%; Average loss: 1.3148  
Iteration: 94; Percent complete: 2.4%; Average loss: 1.6245  
Iteration: 95; Percent complete: 2.4%; Average loss: 1.0809  
Iteration: 96; Percent complete: 2.4%; Average loss: 1.1319  
Iteration: 97; Percent complete: 2.4%; Average loss: 1.2202  
Iteration: 98; Percent complete: 2.5%; Average loss: 1.4743  
Iteration: 99; Percent complete: 2.5%; Average loss: 1.3991  
Iteration: 100; Percent complete: 2.5%; Average loss: 1.3069  
Iteration: 101; Percent complete: 2.5%; Average loss: 1.1132  
Iteration: 102; Percent complete: 2.5%; Average loss: 1.0796  
Iteration: 103; Percent complete: 2.6%; Average loss: 1.4738  
Iteration: 104; Percent complete: 2.6%; Average loss: 1.2171  
Iteration: 105; Percent complete: 2.6%; Average loss: 1.1480  
Iteration: 106; Percent complete: 2.6%; Average loss: 1.1818  
Iteration: 107; Percent complete: 2.7%; Average loss: 1.0925  
Iteration: 108; Percent complete: 2.7%; Average loss: 1.2354  
Iteration: 109; Percent complete: 2.7%; Average loss: 1.3171  
Iteration: 110; Percent complete: 2.8%; Average loss: 1.1246  
Iteration: 111; Percent complete: 2.8%; Average loss: 1.3746  
Iteration: 112; Percent complete: 2.8%; Average loss: 1.4245  
Iteration: 113; Percent complete: 2.8%; Average loss: 1.3588  
Iteration: 114; Percent complete: 2.9%; Average loss: 1.1596  
Iteration: 115; Percent complete: 2.9%; Average loss: 1.3339  
Iteration: 116; Percent complete: 2.9%; Average loss: 1.2796  
Iteration: 117; Percent complete: 2.9%; Average loss: 1.2264  
Iteration: 118; Percent complete: 2.9%; Average loss: 1.2404  
Iteration: 119; Percent complete: 3.0%; Average loss: 1.3128  
Iteration: 120; Percent complete: 3.0%; Average loss: 1.2816  
Iteration: 121; Percent complete: 3.0%; Average loss: 1.5212  
Iteration: 122; Percent complete: 3.0%; Average loss: 1.3694  
Iteration: 123; Percent complete: 3.1%; Average loss: 1.2542  
Iteration: 124; Percent complete: 3.1%; Average loss: 1.1150  
Iteration: 125; Percent complete: 3.1%; Average loss: 1.4427  
Iteration: 126; Percent complete: 3.1%; Average loss: 1.1228  
Iteration: 127; Percent complete: 3.2%; Average loss: 1.1246  
Iteration: 128; Percent complete: 3.2%; Average loss: 1.3852  
Iteration: 129; Percent complete: 3.2%; Average loss: 1.3721  
Iteration: 130; Percent complete: 3.2%; Average loss: 1.1204  
Iteration: 131; Percent complete: 3.3%; Average loss: 1.0330  
Iteration: 132; Percent complete: 3.3%; Average loss: 1.3656  
Iteration: 133; Percent complete: 3.3%; Average loss: 1.1944  
Iteration: 134; Percent complete: 3.4%; Average loss: 1.2165  
Iteration: 135; Percent complete: 3.4%; Average loss: 1.3351  
Iteration: 136; Percent complete: 3.4%; Average loss: 1.2201  
Iteration: 137; Percent complete: 3.4%; Average loss: 1.0992  
Iteration: 138; Percent complete: 3.5%; Average loss: 1.1567  
Iteration: 139; Percent complete: 3.5%; Average loss: 1.1746  
Iteration: 140; Percent complete: 3.5%; Average loss: 1.4261  
Iteration: 141; Percent complete: 3.5%; Average loss: 1.3326  
Iteration: 142; Percent complete: 3.5%; Average loss: 1.0496  
Iteration: 143; Percent complete: 3.6%; Average loss: 1.3152  
Iteration: 144; Percent complete: 3.6%; Average loss: 1.2014  
Iteration: 145; Percent complete: 3.6%; Average loss: 1.1896  
Iteration: 146; Percent complete: 3.6%; Average loss: 1.6629  
Iteration: 147; Percent complete: 3.7%; Average loss: 0.9457  
Iteration: 148; Percent complete: 3.7%; Average loss: 1.3607  
Iteration: 149; Percent complete: 3.7%; Average loss: 1.2885  
Iteration: 150; Percent complete: 3.8%; Average loss: 1.2302  
Iteration: 151; Percent complete: 3.8%; Average loss: 1.2061

Iteration: 151; Percent complete: 3.8%; Average loss: 1.2961  
Iteration: 152; Percent complete: 3.8%; Average loss: 1.3337  
Iteration: 153; Percent complete: 3.8%; Average loss: 1.1256  
Iteration: 154; Percent complete: 3.9%; Average loss: 1.3928  
Iteration: 155; Percent complete: 3.9%; Average loss: 1.0630  
Iteration: 156; Percent complete: 3.9%; Average loss: 1.1130  
Iteration: 157; Percent complete: 3.9%; Average loss: 1.2271  
Iteration: 158; Percent complete: 4.0%; Average loss: 1.2758  
Iteration: 159; Percent complete: 4.0%; Average loss: 1.0154  
Iteration: 160; Percent complete: 4.0%; Average loss: 1.3026  
Iteration: 161; Percent complete: 4.0%; Average loss: 1.0913  
Iteration: 162; Percent complete: 4.0%; Average loss: 1.2347  
Iteration: 163; Percent complete: 4.1%; Average loss: 1.3543  
Iteration: 164; Percent complete: 4.1%; Average loss: 1.3079  
Iteration: 165; Percent complete: 4.1%; Average loss: 1.3126  
Iteration: 166; Percent complete: 4.2%; Average loss: 1.2123  
Iteration: 167; Percent complete: 4.2%; Average loss: 1.2751  
Iteration: 168; Percent complete: 4.2%; Average loss: 1.1476  
Iteration: 169; Percent complete: 4.2%; Average loss: 1.3104  
Iteration: 170; Percent complete: 4.2%; Average loss: 1.5245  
Iteration: 171; Percent complete: 4.3%; Average loss: 1.0254  
Iteration: 172; Percent complete: 4.3%; Average loss: 1.2217  
Iteration: 173; Percent complete: 4.3%; Average loss: 1.4385  
Iteration: 174; Percent complete: 4.3%; Average loss: 1.2466  
Iteration: 175; Percent complete: 4.4%; Average loss: 1.1336  
Iteration: 176; Percent complete: 4.4%; Average loss: 1.0584  
Iteration: 177; Percent complete: 4.4%; Average loss: 1.1309  
Iteration: 178; Percent complete: 4.5%; Average loss: 1.1986  
Iteration: 179; Percent complete: 4.5%; Average loss: 1.1074  
Iteration: 180; Percent complete: 4.5%; Average loss: 1.2052  
Iteration: 181; Percent complete: 4.5%; Average loss: 0.9868  
Iteration: 182; Percent complete: 4.5%; Average loss: 1.2485  
Iteration: 183; Percent complete: 4.6%; Average loss: 1.2937  
Iteration: 184; Percent complete: 4.6%; Average loss: 1.1993  
Iteration: 185; Percent complete: 4.6%; Average loss: 1.3072  
Iteration: 186; Percent complete: 4.7%; Average loss: 1.2535  
Iteration: 187; Percent complete: 4.7%; Average loss: 1.1284  
Iteration: 188; Percent complete: 4.7%; Average loss: 1.2192  
Iteration: 189; Percent complete: 4.7%; Average loss: 1.1018  
Iteration: 190; Percent complete: 4.8%; Average loss: 1.2700  
Iteration: 191; Percent complete: 4.8%; Average loss: 1.4515  
Iteration: 192; Percent complete: 4.8%; Average loss: 0.9700  
Iteration: 193; Percent complete: 4.8%; Average loss: 1.4181  
Iteration: 194; Percent complete: 4.9%; Average loss: 1.2578  
Iteration: 195; Percent complete: 4.9%; Average loss: 1.1968  
Iteration: 196; Percent complete: 4.9%; Average loss: 1.4189  
Iteration: 197; Percent complete: 4.9%; Average loss: 1.1617  
Iteration: 198; Percent complete: 5.0%; Average loss: 1.2197  
Iteration: 199; Percent complete: 5.0%; Average loss: 1.2112  
Iteration: 200; Percent complete: 5.0%; Average loss: 1.4067  
Iteration: 201; Percent complete: 5.0%; Average loss: 1.2823  
Iteration: 202; Percent complete: 5.1%; Average loss: 1.2381  
Iteration: 203; Percent complete: 5.1%; Average loss: 1.4566  
Iteration: 204; Percent complete: 5.1%; Average loss: 1.0788  
Iteration: 205; Percent complete: 5.1%; Average loss: 1.1383  
Iteration: 206; Percent complete: 5.1%; Average loss: 1.4057  
Iteration: 207; Percent complete: 5.2%; Average loss: 1.1585  
Iteration: 208; Percent complete: 5.2%; Average loss: 1.2031  
Iteration: 209; Percent complete: 5.2%; Average loss: 1.0098  
Iteration: 210; Percent complete: 5.2%; Average loss: 1.1822  
Iteration: 211; Percent complete: 5.3%; Average loss: 1.3934  
Iteration: 212; Percent complete: 5.3%; Average loss: 1.0996  
Iteration: 213; Percent complete: 5.3%; Average loss: 1.3294  
Iteration: 214; Percent complete: 5.3%; Average loss: 1.3434  
Iteration: 215; Percent complete: 5.4%; Average loss: 1.0120  
Iteration: 216; Percent complete: 5.4%; Average loss: 1.2795  
Iteration: 217; Percent complete: 5.4%; Average loss: 1.2095  
Iteration: 218; Percent complete: 5.5%; Average loss: 1.2631  
Iteration: 219; Percent complete: 5.5%; Average loss: 1.3075  
Iteration: 220; Percent complete: 5.5%; Average loss: 1.3103  
Iteration: 221; Percent complete: 5.5%; Average loss: 1.2766  
Iteration: 222; Percent complete: 5.5%; Average loss: 1.1652  
Iteration: 223; Percent complete: 5.6%; Average loss: 1.1511  
Iteration: 224; Percent complete: 5.6%; Average loss: 1.2455  
Iteration: 225; Percent complete: 5.6%; Average loss: 1.2421  
Iteration: 226; Percent complete: 5.7%; Average loss: 1.3631  
Iteration: 227; Percent complete: 5.7%; Average loss: 1.3464  
Iteration: 228; Percent complete: 5.7%; Average loss: 1.2770  
Iteration: 229; Percent complete: 5.7%; Average loss: 1.0599  
Iteration: 230; Percent complete: 5.8%; Average loss: 1.4155  
Iteration: 231; Percent complete: 5.8%; Average loss: 1.3785  
Iteration: 232; Percent complete: 5.8%; Average loss: 1.2742  
Iteration: 233; Percent complete: 5.8%; Average loss: 1.3350  
Iteration: 234; Percent complete: 5.9%; Average loss: 1.1709  
Iteration: 235; Percent complete: 5.9%; Average loss: 1.3382  
Iteration: 236; Percent complete: 5.9%; Average loss: 1.3792  
Iteration: 237; Percent complete: 5.9%; Average loss: 1.1085  
Iteration: 238; Percent complete: 5.9%; Average loss: 1.3172  
Iteration: 239; Percent complete: 6.0%; Average loss: 1.1248  
Iteration: 240; Percent complete: 6.0%; Average loss: 1.0648  
Iteration: 241; Percent complete: 6.0%; Average loss: 1.2373  
Iteration: 242; Percent complete: 6.0%; Average loss: 1.1549

Iteration: 242; Percent complete: 6.1%; Average loss: 1.1949  
Iteration: 243; Percent complete: 6.1%; Average loss: 1.3131  
Iteration: 244; Percent complete: 6.1%; Average loss: 1.2129  
Iteration: 245; Percent complete: 6.1%; Average loss: 1.3199  
Iteration: 246; Percent complete: 6.2%; Average loss: 1.0168  
Iteration: 247; Percent complete: 6.2%; Average loss: 1.2579  
Iteration: 248; Percent complete: 6.2%; Average loss: 1.1761  
Iteration: 249; Percent complete: 6.2%; Average loss: 1.2839  
Iteration: 250; Percent complete: 6.2%; Average loss: 1.0317  
Iteration: 251; Percent complete: 6.3%; Average loss: 1.3314  
Iteration: 252; Percent complete: 6.3%; Average loss: 1.2486  
Iteration: 253; Percent complete: 6.3%; Average loss: 0.9998  
Iteration: 254; Percent complete: 6.3%; Average loss: 1.4539  
Iteration: 255; Percent complete: 6.4%; Average loss: 1.3015  
Iteration: 256; Percent complete: 6.4%; Average loss: 1.3814  
Iteration: 257; Percent complete: 6.4%; Average loss: 1.4134  
Iteration: 258; Percent complete: 6.5%; Average loss: 1.3315  
Iteration: 259; Percent complete: 6.5%; Average loss: 1.4559  
Iteration: 260; Percent complete: 6.5%; Average loss: 0.9568  
Iteration: 261; Percent complete: 6.5%; Average loss: 1.1205  
Iteration: 262; Percent complete: 6.6%; Average loss: 1.4166  
Iteration: 263; Percent complete: 6.6%; Average loss: 1.0961  
Iteration: 264; Percent complete: 6.6%; Average loss: 1.5610  
Iteration: 265; Percent complete: 6.6%; Average loss: 1.2199  
Iteration: 266; Percent complete: 6.7%; Average loss: 1.4903  
Iteration: 267; Percent complete: 6.7%; Average loss: 1.3189  
Iteration: 268; Percent complete: 6.7%; Average loss: 1.1298  
Iteration: 269; Percent complete: 6.7%; Average loss: 1.0641  
Iteration: 270; Percent complete: 6.8%; Average loss: 1.1413  
Iteration: 271; Percent complete: 6.8%; Average loss: 1.1578  
Iteration: 272; Percent complete: 6.8%; Average loss: 1.1704  
Iteration: 273; Percent complete: 6.8%; Average loss: 1.3191  
Iteration: 274; Percent complete: 6.9%; Average loss: 1.1226  
Iteration: 275; Percent complete: 6.9%; Average loss: 1.0595  
Iteration: 276; Percent complete: 6.9%; Average loss: 1.3636  
Iteration: 277; Percent complete: 6.9%; Average loss: 1.2055  
Iteration: 278; Percent complete: 7.0%; Average loss: 1.1536  
Iteration: 279; Percent complete: 7.0%; Average loss: 1.2588  
Iteration: 280; Percent complete: 7.0%; Average loss: 1.4536  
Iteration: 281; Percent complete: 7.0%; Average loss: 1.0996  
Iteration: 282; Percent complete: 7.0%; Average loss: 1.0732  
Iteration: 283; Percent complete: 7.1%; Average loss: 1.0634  
Iteration: 284; Percent complete: 7.1%; Average loss: 1.2239  
Iteration: 285; Percent complete: 7.1%; Average loss: 1.4466  
Iteration: 286; Percent complete: 7.1%; Average loss: 1.3911  
Iteration: 287; Percent complete: 7.2%; Average loss: 1.2058  
Iteration: 288; Percent complete: 7.2%; Average loss: 1.0968  
Iteration: 289; Percent complete: 7.2%; Average loss: 1.1549  
Iteration: 290; Percent complete: 7.2%; Average loss: 1.0903  
Iteration: 291; Percent complete: 7.3%; Average loss: 1.1359  
Iteration: 292; Percent complete: 7.3%; Average loss: 1.0579  
Iteration: 293; Percent complete: 7.3%; Average loss: 1.1778  
Iteration: 294; Percent complete: 7.3%; Average loss: 1.4755  
Iteration: 295; Percent complete: 7.4%; Average loss: 1.1762  
Iteration: 296; Percent complete: 7.4%; Average loss: 1.2969  
Iteration: 297; Percent complete: 7.4%; Average loss: 1.4024  
Iteration: 298; Percent complete: 7.4%; Average loss: 1.2125  
Iteration: 299; Percent complete: 7.5%; Average loss: 1.2901  
Iteration: 300; Percent complete: 7.5%; Average loss: 1.3003  
Iteration: 301; Percent complete: 7.5%; Average loss: 1.1734  
Iteration: 302; Percent complete: 7.5%; Average loss: 1.2036  
Iteration: 303; Percent complete: 7.6%; Average loss: 1.2010  
Iteration: 304; Percent complete: 7.6%; Average loss: 1.3052  
Iteration: 305; Percent complete: 7.6%; Average loss: 1.0437  
Iteration: 306; Percent complete: 7.6%; Average loss: 1.2375  
Iteration: 307; Percent complete: 7.7%; Average loss: 1.2651  
Iteration: 308; Percent complete: 7.7%; Average loss: 1.2003  
Iteration: 309; Percent complete: 7.7%; Average loss: 1.3768  
Iteration: 310; Percent complete: 7.8%; Average loss: 1.3114  
Iteration: 311; Percent complete: 7.8%; Average loss: 1.1832  
Iteration: 312; Percent complete: 7.8%; Average loss: 1.1666  
Iteration: 313; Percent complete: 7.8%; Average loss: 1.4192  
Iteration: 314; Percent complete: 7.8%; Average loss: 1.2432  
Iteration: 315; Percent complete: 7.9%; Average loss: 1.1295  
Iteration: 316; Percent complete: 7.9%; Average loss: 1.1855  
Iteration: 317; Percent complete: 7.9%; Average loss: 1.2574  
Iteration: 318; Percent complete: 8.0%; Average loss: 1.1760  
Iteration: 319; Percent complete: 8.0%; Average loss: 1.3936  
Iteration: 320; Percent complete: 8.0%; Average loss: 1.4789  
Iteration: 321; Percent complete: 8.0%; Average loss: 1.2199  
Iteration: 322; Percent complete: 8.1%; Average loss: 1.1497  
Iteration: 323; Percent complete: 8.1%; Average loss: 1.1620  
Iteration: 324; Percent complete: 8.1%; Average loss: 1.3261  
Iteration: 325; Percent complete: 8.1%; Average loss: 1.1283  
Iteration: 326; Percent complete: 8.2%; Average loss: 1.1148  
Iteration: 327; Percent complete: 8.2%; Average loss: 1.0065  
Iteration: 328; Percent complete: 8.2%; Average loss: 1.4109  
Iteration: 329; Percent complete: 8.2%; Average loss: 1.1691  
Iteration: 330; Percent complete: 8.2%; Average loss: 0.9580  
Iteration: 331; Percent complete: 8.3%; Average loss: 1.0112  
Iteration: 332; Percent complete: 8.3%; Average loss: 1.0812  
Iteration: 333; Percent complete: 8.3%; Average loss: 1.1586

Iteration: 334; Percent complete: 8.3%; Average loss: 1.0569  
Iteration: 335; Percent complete: 8.4%; Average loss: 1.1703  
Iteration: 336; Percent complete: 8.4%; Average loss: 1.0765  
Iteration: 337; Percent complete: 8.4%; Average loss: 1.0091  
Iteration: 338; Percent complete: 8.5%; Average loss: 1.1118  
Iteration: 339; Percent complete: 8.5%; Average loss: 1.3338  
Iteration: 340; Percent complete: 8.5%; Average loss: 1.1062  
Iteration: 341; Percent complete: 8.5%; Average loss: 1.2254  
Iteration: 342; Percent complete: 8.6%; Average loss: 1.3682  
Iteration: 343; Percent complete: 8.6%; Average loss: 1.2384  
Iteration: 344; Percent complete: 8.6%; Average loss: 1.2869  
Iteration: 345; Percent complete: 8.6%; Average loss: 1.1359  
Iteration: 346; Percent complete: 8.6%; Average loss: 1.2270  
Iteration: 347; Percent complete: 8.7%; Average loss: 1.2121  
Iteration: 348; Percent complete: 8.7%; Average loss: 1.3125  
Iteration: 349; Percent complete: 8.7%; Average loss: 1.2482  
Iteration: 350; Percent complete: 8.8%; Average loss: 1.0422  
Iteration: 351; Percent complete: 8.8%; Average loss: 1.2896  
Iteration: 352; Percent complete: 8.8%; Average loss: 1.2706  
Iteration: 353; Percent complete: 8.8%; Average loss: 1.2348  
Iteration: 354; Percent complete: 8.8%; Average loss: 1.1613  
Iteration: 355; Percent complete: 8.9%; Average loss: 1.4415  
Iteration: 356; Percent complete: 8.9%; Average loss: 1.2661  
Iteration: 357; Percent complete: 8.9%; Average loss: 1.3495  
Iteration: 358; Percent complete: 8.9%; Average loss: 1.3318  
Iteration: 359; Percent complete: 9.0%; Average loss: 1.0784  
Iteration: 360; Percent complete: 9.0%; Average loss: 1.3387  
Iteration: 361; Percent complete: 9.0%; Average loss: 1.3212  
Iteration: 362; Percent complete: 9.0%; Average loss: 1.3692  
Iteration: 363; Percent complete: 9.1%; Average loss: 1.2133  
Iteration: 364; Percent complete: 9.1%; Average loss: 1.0392  
Iteration: 365; Percent complete: 9.1%; Average loss: 1.2769  
Iteration: 366; Percent complete: 9.2%; Average loss: 1.2073  
Iteration: 367; Percent complete: 9.2%; Average loss: 1.3081  
Iteration: 368; Percent complete: 9.2%; Average loss: 1.0632  
Iteration: 369; Percent complete: 9.2%; Average loss: 1.1358  
Iteration: 370; Percent complete: 9.2%; Average loss: 1.2596  
Iteration: 371; Percent complete: 9.3%; Average loss: 1.2719  
Iteration: 372; Percent complete: 9.3%; Average loss: 1.2102  
Iteration: 373; Percent complete: 9.3%; Average loss: 1.3638  
Iteration: 374; Percent complete: 9.3%; Average loss: 1.1069  
Iteration: 375; Percent complete: 9.4%; Average loss: 1.2959  
Iteration: 376; Percent complete: 9.4%; Average loss: 1.3905  
Iteration: 377; Percent complete: 9.4%; Average loss: 1.3157  
Iteration: 378; Percent complete: 9.4%; Average loss: 1.3522  
Iteration: 379; Percent complete: 9.5%; Average loss: 1.2790  
Iteration: 380; Percent complete: 9.5%; Average loss: 1.2728  
Iteration: 381; Percent complete: 9.5%; Average loss: 1.0061  
Iteration: 382; Percent complete: 9.6%; Average loss: 1.3621  
Iteration: 383; Percent complete: 9.6%; Average loss: 1.1290  
Iteration: 384; Percent complete: 9.6%; Average loss: 1.3384  
Iteration: 385; Percent complete: 9.6%; Average loss: 0.9687  
Iteration: 386; Percent complete: 9.7%; Average loss: 1.2215  
Iteration: 387; Percent complete: 9.7%; Average loss: 1.3068  
Iteration: 388; Percent complete: 9.7%; Average loss: 1.3909  
Iteration: 389; Percent complete: 9.7%; Average loss: 1.2408  
Iteration: 390; Percent complete: 9.8%; Average loss: 1.0060  
Iteration: 391; Percent complete: 9.8%; Average loss: 1.2084  
Iteration: 392; Percent complete: 9.8%; Average loss: 1.1962  
Iteration: 393; Percent complete: 9.8%; Average loss: 1.1476  
Iteration: 394; Percent complete: 9.8%; Average loss: 1.1255  
Iteration: 395; Percent complete: 9.9%; Average loss: 1.2360  
Iteration: 396; Percent complete: 9.9%; Average loss: 1.3263  
Iteration: 397; Percent complete: 9.9%; Average loss: 1.0714  
Iteration: 398; Percent complete: 10.0%; Average loss: 1.1962  
Iteration: 399; Percent complete: 10.0%; Average loss: 1.0620  
Iteration: 400; Percent complete: 10.0%; Average loss: 1.1470  
Iteration: 401; Percent complete: 10.0%; Average loss: 1.2241  
Iteration: 402; Percent complete: 10.1%; Average loss: 1.1498  
Iteration: 403; Percent complete: 10.1%; Average loss: 1.1269  
Iteration: 404; Percent complete: 10.1%; Average loss: 1.1890  
Iteration: 405; Percent complete: 10.1%; Average loss: 1.4573  
Iteration: 406; Percent complete: 10.2%; Average loss: 1.3846  
Iteration: 407; Percent complete: 10.2%; Average loss: 1.2303  
Iteration: 408; Percent complete: 10.2%; Average loss: 1.1816  
Iteration: 409; Percent complete: 10.2%; Average loss: 1.3296  
Iteration: 410; Percent complete: 10.2%; Average loss: 1.1363  
Iteration: 411; Percent complete: 10.3%; Average loss: 1.1176  
Iteration: 412; Percent complete: 10.3%; Average loss: 1.1612  
Iteration: 413; Percent complete: 10.3%; Average loss: 1.2937  
Iteration: 414; Percent complete: 10.3%; Average loss: 1.1116  
Iteration: 415; Percent complete: 10.4%; Average loss: 1.1061  
Iteration: 416; Percent complete: 10.4%; Average loss: 1.4692  
Iteration: 417; Percent complete: 10.4%; Average loss: 1.3150  
Iteration: 418; Percent complete: 10.4%; Average loss: 1.1914  
Iteration: 419; Percent complete: 10.5%; Average loss: 1.1282  
Iteration: 420; Percent complete: 10.5%; Average loss: 1.2117  
Iteration: 421; Percent complete: 10.5%; Average loss: 1.1578  
Iteration: 422; Percent complete: 10.5%; Average loss: 1.2769  
Iteration: 423; Percent complete: 10.6%; Average loss: 1.2761  
Iteration: 424; Percent complete: 10.6%; Average loss: 1.3125

|            |      |                   |        |               |        |
|------------|------|-------------------|--------|---------------|--------|
| Iteration: | 425; | Percent complete: | 10.6%; | Average loss: | 1.2265 |
| Iteration: | 426; | Percent complete: | 10.7%; | Average loss: | 1.3758 |
| Iteration: | 427; | Percent complete: | 10.7%; | Average loss: | 1.1174 |
| Iteration: | 428; | Percent complete: | 10.7%; | Average loss: | 1.2612 |
| Iteration: | 429; | Percent complete: | 10.7%; | Average loss: | 1.3575 |
| Iteration: | 430; | Percent complete: | 10.8%; | Average loss: | 1.1980 |
| Iteration: | 431; | Percent complete: | 10.8%; | Average loss: | 1.2659 |
| Iteration: | 432; | Percent complete: | 10.8%; | Average loss: | 1.6256 |
| Iteration: | 433; | Percent complete: | 10.8%; | Average loss: | 1.2208 |
| Iteration: | 434; | Percent complete: | 10.8%; | Average loss: | 1.2191 |
| Iteration: | 435; | Percent complete: | 10.9%; | Average loss: | 1.1294 |
| Iteration: | 436; | Percent complete: | 10.9%; | Average loss: | 1.4574 |
| Iteration: | 437; | Percent complete: | 10.9%; | Average loss: | 1.2104 |
| Iteration: | 438; | Percent complete: | 10.9%; | Average loss: | 1.4089 |
| Iteration: | 439; | Percent complete: | 11.0%; | Average loss: | 1.3554 |
| Iteration: | 440; | Percent complete: | 11.0%; | Average loss: | 1.2191 |
| Iteration: | 441; | Percent complete: | 11.0%; | Average loss: | 1.0303 |
| Iteration: | 442; | Percent complete: | 11.1%; | Average loss: | 1.2412 |
| Iteration: | 443; | Percent complete: | 11.1%; | Average loss: | 1.2613 |
| Iteration: | 444; | Percent complete: | 11.1%; | Average loss: | 1.1863 |
| Iteration: | 445; | Percent complete: | 11.1%; | Average loss: | 1.4274 |
| Iteration: | 446; | Percent complete: | 11.2%; | Average loss: | 1.1840 |
| Iteration: | 447; | Percent complete: | 11.2%; | Average loss: | 1.5646 |
| Iteration: | 448; | Percent complete: | 11.2%; | Average loss: | 1.2489 |
| Iteration: | 449; | Percent complete: | 11.2%; | Average loss: | 1.2958 |
| Iteration: | 450; | Percent complete: | 11.2%; | Average loss: | 1.4018 |
| Iteration: | 451; | Percent complete: | 11.3%; | Average loss: | 0.9481 |
| Iteration: | 452; | Percent complete: | 11.3%; | Average loss: | 1.2892 |
| Iteration: | 453; | Percent complete: | 11.3%; | Average loss: | 1.5122 |
| Iteration: | 454; | Percent complete: | 11.3%; | Average loss: | 1.2758 |
| Iteration: | 455; | Percent complete: | 11.4%; | Average loss: | 1.1260 |
| Iteration: | 456; | Percent complete: | 11.4%; | Average loss: | 1.2386 |
| Iteration: | 457; | Percent complete: | 11.4%; | Average loss: | 1.4210 |
| Iteration: | 458; | Percent complete: | 11.5%; | Average loss: | 1.3236 |
| Iteration: | 459; | Percent complete: | 11.5%; | Average loss: | 1.3268 |
| Iteration: | 460; | Percent complete: | 11.5%; | Average loss: | 1.1704 |
| Iteration: | 461; | Percent complete: | 11.5%; | Average loss: | 1.2714 |
| Iteration: | 462; | Percent complete: | 11.6%; | Average loss: | 1.3463 |
| Iteration: | 463; | Percent complete: | 11.6%; | Average loss: | 1.1326 |
| Iteration: | 464; | Percent complete: | 11.6%; | Average loss: | 1.1645 |
| Iteration: | 465; | Percent complete: | 11.6%; | Average loss: | 1.0182 |
| Iteration: | 466; | Percent complete: | 11.7%; | Average loss: | 1.0224 |
| Iteration: | 467; | Percent complete: | 11.7%; | Average loss: | 1.4247 |
| Iteration: | 468; | Percent complete: | 11.7%; | Average loss: | 1.1084 |
| Iteration: | 469; | Percent complete: | 11.7%; | Average loss: | 1.0985 |
| Iteration: | 470; | Percent complete: | 11.8%; | Average loss: | 1.2240 |
| Iteration: | 471; | Percent complete: | 11.8%; | Average loss: | 1.2662 |
| Iteration: | 472; | Percent complete: | 11.8%; | Average loss: | 1.3810 |
| Iteration: | 473; | Percent complete: | 11.8%; | Average loss: | 1.1098 |
| Iteration: | 474; | Percent complete: | 11.8%; | Average loss: | 1.3375 |
| Iteration: | 475; | Percent complete: | 11.9%; | Average loss: | 1.3855 |
| Iteration: | 476; | Percent complete: | 11.9%; | Average loss: | 1.2303 |
| Iteration: | 477; | Percent complete: | 11.9%; | Average loss: | 1.1571 |
| Iteration: | 478; | Percent complete: | 11.9%; | Average loss: | 1.3412 |
| Iteration: | 479; | Percent complete: | 12.0%; | Average loss: | 1.3878 |
| Iteration: | 480; | Percent complete: | 12.0%; | Average loss: | 1.2249 |
| Iteration: | 481; | Percent complete: | 12.0%; | Average loss: | 1.1038 |
| Iteration: | 482; | Percent complete: | 12.0%; | Average loss: | 1.2078 |
| Iteration: | 483; | Percent complete: | 12.1%; | Average loss: | 1.1257 |
| Iteration: | 484; | Percent complete: | 12.1%; | Average loss: | 1.2912 |
| Iteration: | 485; | Percent complete: | 12.1%; | Average loss: | 1.0283 |
| Iteration: | 486; | Percent complete: | 12.2%; | Average loss: | 1.0484 |
| Iteration: | 487; | Percent complete: | 12.2%; | Average loss: | 1.1525 |
| Iteration: | 488; | Percent complete: | 12.2%; | Average loss: | 1.1203 |
| Iteration: | 489; | Percent complete: | 12.2%; | Average loss: | 1.2577 |
| Iteration: | 490; | Percent complete: | 12.2%; | Average loss: | 1.4240 |
| Iteration: | 491; | Percent complete: | 12.3%; | Average loss: | 1.2352 |
| Iteration: | 492; | Percent complete: | 12.3%; | Average loss: | 1.3191 |
| Iteration: | 493; | Percent complete: | 12.3%; | Average loss: | 1.2644 |
| Iteration: | 494; | Percent complete: | 12.3%; | Average loss: | 1.0112 |
| Iteration: | 495; | Percent complete: | 12.4%; | Average loss: | 1.0698 |
| Iteration: | 496; | Percent complete: | 12.4%; | Average loss: | 1.3118 |
| Iteration: | 497; | Percent complete: | 12.4%; | Average loss: | 1.0804 |
| Iteration: | 498; | Percent complete: | 12.4%; | Average loss: | 1.1017 |
| Iteration: | 499; | Percent complete: | 12.5%; | Average loss: | 1.2014 |
| Iteration: | 500; | Percent complete: | 12.5%; | Average loss: | 1.1004 |
| Iteration: | 501; | Percent complete: | 12.5%; | Average loss: | 1.2676 |
| Iteration: | 502  |                   |        |               |        |

|                 |                   |        |               |        |
|-----------------|-------------------|--------|---------------|--------|
| Iteration: 516; | Percent complete: | 12.9%; | Average loss: | 1.3907 |
| Iteration: 517; | Percent complete: | 12.9%; | Average loss: | 1.1963 |
| Iteration: 518; | Percent complete: | 13.0%; | Average loss: | 1.2023 |
| Iteration: 519; | Percent complete: | 13.0%; | Average loss: | 1.4816 |
| Iteration: 520; | Percent complete: | 13.0%; | Average loss: | 1.1112 |
| Iteration: 521; | Percent complete: | 13.0%; | Average loss: | 1.1710 |
| Iteration: 522; | Percent complete: | 13.1%; | Average loss: | 1.0407 |
| Iteration: 523; | Percent complete: | 13.1%; | Average loss: | 0.9562 |
| Iteration: 524; | Percent complete: | 13.1%; | Average loss: | 1.2447 |
| Iteration: 525; | Percent complete: | 13.1%; | Average loss: | 1.2780 |
| Iteration: 526; | Percent complete: | 13.2%; | Average loss: | 1.1221 |
| Iteration: 527; | Percent complete: | 13.2%; | Average loss: | 1.2951 |
| Iteration: 528; | Percent complete: | 13.2%; | Average loss: | 1.0633 |
| Iteration: 529; | Percent complete: | 13.2%; | Average loss: | 1.2662 |
| Iteration: 530; | Percent complete: | 13.2%; | Average loss: | 0.9997 |
| Iteration: 531; | Percent complete: | 13.3%; | Average loss: | 1.3346 |
| Iteration: 532; | Percent complete: | 13.3%; | Average loss: | 1.1818 |
| Iteration: 533; | Percent complete: | 13.3%; | Average loss: | 0.9663 |
| Iteration: 534; | Percent complete: | 13.4%; | Average loss: | 1.2935 |
| Iteration: 535; | Percent complete: | 13.4%; | Average loss: | 1.4041 |
| Iteration: 536; | Percent complete: | 13.4%; | Average loss: | 1.0926 |
| Iteration: 537; | Percent complete: | 13.4%; | Average loss: | 1.1167 |
| Iteration: 538; | Percent complete: | 13.5%; | Average loss: | 1.3348 |
| Iteration: 539; | Percent complete: | 13.5%; | Average loss: | 1.2118 |
| Iteration: 540; | Percent complete: | 13.5%; | Average loss: | 1.4122 |
| Iteration: 541; | Percent complete: | 13.5%; | Average loss: | 1.0262 |
| Iteration: 542; | Percent complete: | 13.6%; | Average loss: | 1.2575 |
| Iteration: 543; | Percent complete: | 13.6%; | Average loss: | 1.3476 |
| Iteration: 544; | Percent complete: | 13.6%; | Average loss: | 1.2427 |
| Iteration: 545; | Percent complete: | 13.6%; | Average loss: | 1.2606 |
| Iteration: 546; | Percent complete: | 13.7%; | Average loss: | 1.1343 |
| Iteration: 547; | Percent complete: | 13.7%; | Average loss: | 1.3553 |
| Iteration: 548; | Percent complete: | 13.7%; | Average loss: | 1.0801 |
| Iteration: 549; | Percent complete: | 13.7%; | Average loss: | 1.2734 |
| Iteration: 550; | Percent complete: | 13.8%; | Average loss: | 1.4115 |
| Iteration: 551; | Percent complete: | 13.8%; | Average loss: | 1.3532 |
| Iteration: 552; | Percent complete: | 13.8%; | Average loss: | 1.2785 |
| Iteration: 553; | Percent complete: | 13.8%; | Average loss: | 1.0778 |
| Iteration: 554; | Percent complete: | 13.9%; | Average loss: | 1.2924 |
| Iteration: 555; | Percent complete: | 13.9%; | Average loss: | 1.1952 |
| Iteration: 556; | Percent complete: | 13.9%; | Average loss: | 1.1610 |
| Iteration: 557; | Percent complete: | 13.9%; | Average loss: | 1.1858 |
| Iteration: 558; | Percent complete: | 14.0%; | Average loss: | 1.1549 |
| Iteration: 559; | Percent complete: | 14.0%; | Average loss: | 1.3734 |
| Iteration: 560; | Percent complete: | 14.0%; | Average loss: | 1.1074 |
| Iteration: 561; | Percent complete: | 14.0%; | Average loss: | 1.2823 |
| Iteration: 562; | Percent complete: | 14.1%; | Average loss: | 1.3018 |
| Iteration: 563; | Percent complete: | 14.1%; | Average loss: | 1.1120 |
| Iteration: 564; | Percent complete: | 14.1%; | Average loss: | 1.0614 |
| Iteration: 565; | Percent complete: | 14.1%; | Average loss: | 1.2629 |
| Iteration: 566; | Percent complete: | 14.1%; | Average loss: | 1.1788 |
| Iteration: 567; | Percent complete: | 14.2%; | Average loss: | 1.3342 |
| Iteration: 568; | Percent complete: | 14.2%; | Average loss: | 1.1721 |
| Iteration: 569; | Percent complete: | 14.2%; | Average loss: | 1.2636 |
| Iteration: 570; | Percent complete: | 14.2%; | Average loss: | 1.3863 |
| Iteration: 571; | Percent complete: | 14.3%; | Average loss: | 1.2630 |
| Iteration: 572; | Percent complete: | 14.3%; | Average loss: | 1.2509 |
| Iteration: 573; | Percent complete: | 14.3%; | Average loss: | 1.2530 |
| Iteration: 574; | Percent complete: | 14.3%; | Average loss: | 1.0796 |
| Iteration: 575; | Percent complete: | 14.4%; | Average loss: | 1.3765 |
| Iteration: 576; | Percent complete: | 14.4%; | Average loss: | 1.2265 |
| Iteration: 577; | Percent complete: | 14.4%; | Average loss: | 1.3219 |
| Iteration: 578; | Percent complete: | 14.4%; | Average loss: | 1.1656 |
| Iteration: 579; | Percent complete: | 14.5%; | Average loss: | 1.4509 |
| Iteration: 580; | Percent complete: | 14.5%; | Average loss: | 1.2479 |
| Iteration: 581; | Percent complete: | 14.5%; | Average loss: | 1.1657 |
| Iteration: 582; | Percent complete: | 14.5%; | Average loss: | 1.2416 |
| Iteration: 583; | Percent complete: | 14.6%; | Average loss: | 1.2576 |
| Iteration: 584; | Percent complete: | 14.6%; | Average loss: | 1.0423 |
| Iteration: 585; | Percent complete: | 14.6%; | Average loss: | 1.2180 |
| Iteration: 586; | Percent complete: | 14.6%; | Average loss: | 1.3043 |
| Iteration: 587; | Percent complete: | 14.7%; | Average loss: | 1.1941 |
| Iteration: 588; | Percent complete: | 14.7%; | Average loss: | 1.3233 |
| Iteration: 589; | Percent complete: | 14.7%; | Average loss: | 1.2326 |
| Iteration: 590; | Percent complete: | 14.8%; | Average loss: | 1.3165 |
| Iteration: 591; | Percent complete: | 14.8%; | Average loss: | 1.5494 |
| Iteration: 592; | Percent complete: | 14.8%; | Average loss: | 1.1443 |
| Iteration: 593; | Percent complete: | 14.8%; | Average loss: | 1.1643 |
| Iteration: 594; | Percent complete: | 14.8%; | Average loss: | 1.1883 |
| Iteration: 595; | Percent complete: | 14.9%; | Average loss: | 1.0880 |
| Iteration: 596; | Percent complete: | 14.9%; | Average loss: | 1.1337 |
| Iteration: 597; | Percent complete: | 14.9%; | Average loss: | 1.102  |

|            |      |         |           |        |         |       |       |
|------------|------|---------|-----------|--------|---------|-------|-------|
| Iteration: | 607; | Percent | complete: | 15.2%; | Average | loss: | 0.968 |
| Iteration: | 608; | Percent | complete: | 15.2%; | Average | loss: | 0.967 |
| Iteration: | 609; | Percent | complete: | 15.2%; | Average | loss: | 1.227 |
| Iteration: | 610; | Percent | complete: | 15.2%; | Average | loss: | 1.235 |
| Iteration: | 611; | Percent | complete: | 15.3%; | Average | loss: | 1.049 |
| Iteration: | 612; | Percent | complete: | 15.3%; | Average | loss: | 1.256 |
| Iteration: | 613; | Percent | complete: | 15.3%; | Average | loss: | 1.372 |
| Iteration: | 614; | Percent | complete: | 15.3%; | Average | loss: | 1.191 |
| Iteration: | 615; | Percent | complete: | 15.4%; | Average | loss: | 1.207 |
| Iteration: | 616; | Percent | complete: | 15.4%; | Average | loss: | 1.177 |
| Iteration: | 617; | Percent | complete: | 15.4%; | Average | loss: | 1.319 |
| Iteration: | 618; | Percent | complete: | 15.4%; | Average | loss: | 1.253 |
| Iteration: | 619; | Percent | complete: | 15.5%; | Average | loss: | 1.232 |
| Iteration: | 620; | Percent | complete: | 15.5%; | Average | loss: | 1.126 |
| Iteration: | 621; | Percent | complete: | 15.5%; | Average | loss: | 1.154 |
| Iteration: | 622; | Percent | complete: | 15.6%; | Average | loss: | 1.164 |
| Iteration: | 623; | Percent | complete: | 15.6%; | Average | loss: | 1.091 |
| Iteration: | 624; | Percent | complete: | 15.6%; | Average | loss: | 1.344 |
| Iteration: | 625; | Percent | complete: | 15.6%; | Average | loss: | 1.244 |
| Iteration: | 626; | Percent | complete: | 15.7%; | Average | loss: | 1.343 |
| Iteration: | 627; | Percent | complete: | 15.7%; | Average | loss: | 1.056 |
| Iteration: | 628; | Percent | complete: | 15.7%; | Average | loss: | 1.191 |
| Iteration: | 629; | Percent | complete: | 15.7%; | Average | loss: | 1.142 |
| Iteration: | 630; | Percent | complete: | 15.8%; | Average | loss: | 1.059 |
| Iteration: | 631; | Percent | complete: | 15.8%; | Average | loss: | 1.246 |
| Iteration: | 632; | Percent | complete: | 15.8%; | Average | loss: | 1.155 |
| Iteration: | 633; | Percent | complete: | 15.8%; | Average | loss: | 1.207 |
| Iteration: | 634; | Percent | complete: | 15.8%; | Average | loss: | 1.291 |
| Iteration: | 635; | Percent | complete: | 15.9%; | Average | loss: | 1.382 |
| Iteration: | 636; | Percent | complete: | 15.9%; | Average | loss: | 1.269 |
| Iteration: | 637; | Percent | complete: | 15.9%; | Average | loss: | 1.287 |
| Iteration: | 638; | Percent | complete: | 16.0%; | Average | loss: | 1.279 |
| Iteration: | 639; | Percent | complete: | 16.0%; | Average | loss: | 1.093 |
| Iteration: | 640; | Percent | complete: | 16.0%; | Average | loss: | 1.251 |
| Iteration: | 641; | Percent | complete: | 16.0%; | Average | loss: | 1.314 |
| Iteration: | 642; | Percent | complete: | 16.1%; | Average | loss: | 1.044 |
| Iteration: | 643; | Percent | complete: | 16.1%; | Average | loss: | 1.342 |
| Iteration: | 644; | Percent | complete: | 16.1%; | Average | loss: | 1.326 |
| Iteration: | 645; | Percent | complete: | 16.1%; | Average | loss: | 1.302 |
| Iteration: | 646; | Percent | complete: | 16.2%; | Average | loss: | 1.338 |
| Iteration: | 647; | Percent | complete: | 16.2%; | Average | loss: | 1.382 |
| Iteration: | 648; | Percent | complete: | 16.2%; | Average | loss: | 1.392 |
| Iteration: | 649; | Percent | complete: | 16.2%; | Average | loss: | 1.128 |
| Iteration: | 650; | Percent | complete: | 16.2%; | Average | loss: | 1.275 |
| Iteration: | 651; | Percent | complete: | 16.3%; | Average | loss: | 1.019 |
| Iteration: | 652; | Percent | complete: | 16.3%; | Average | loss: | 1.296 |
| Iteration: | 653; | Percent | complete: | 16.3%; | Average | loss: | 1.313 |
| Iteration: | 654; | Percent | complete: | 16.4%; | Average | loss: | 1.356 |
| Iteration: | 655; | Percent | complete: | 16.4%; | Average | loss: | 1.336 |
| Iteration: | 656; | Percent | complete: | 16.4%; | Average | loss: | 1.216 |
| Iteration: | 657; | Percent | complete: | 16.4%; | Average | loss: | 1.375 |
| Iteration: | 658; | Percent | complete: | 16.4%; | Average | loss: | 1.138 |
| Iteration: | 659; | Percent | complete: | 16.5%; | Average | loss: | 0.974 |
| Iteration: | 660; | Percent | complete: | 16.5%; | Average | loss: | 1.129 |
| Iteration: | 661; | Percent | complete: | 16.5%; | Average | loss: | 1.383 |
| Iteration: | 662; | Percent | complete: | 16.6%; | Average | loss: | 1.319 |
| Iteration: | 663; | Percent | complete: | 16.6%; | Average | loss: | 1.236 |
| Iteration: | 664; | Percent | complete: | 16.6%; | Average | loss: | 1.194 |
| Iteration: | 665; | Percent | complete: | 16.6%; | Average | loss: | 1.357 |
| Iteration: | 666; | Percent | complete: | 16.7%; | Average | loss: | 1.277 |
| Iteration: | 667; | Percent | complete: | 16.7%; | Average | loss: | 1.267 |
| Iteration: | 668; | Percent | complete: | 16.7%; | Average | loss: | 1.336 |
| Iteration: | 669; | Percent | complete: | 16.7%; | Average | loss: | 1.232 |
| Iteration: | 670; | Percent | complete: | 16.8%; | Average | loss: | 1.285 |
| Iteration: | 671; | Percent | complete: | 16.8%; | Average | loss: | 1.412 |
| Iteration: | 672; | Percent | complete: | 16.8%; | Average | loss: | 1.215 |
|            |      |         |           |        |         |       |       |



|                 |                   |        |               |        |
|-----------------|-------------------|--------|---------------|--------|
| Iteration: 699; | Percent complete: | 17.5%; | Average loss: | 1.2271 |
| Iteration: 700; | Percent complete: | 17.5%; | Average loss: | 1.1031 |
| Iteration: 701; | Percent complete: | 17.5%; | Average loss: | 1.1203 |
| Iteration: 702; | Percent complete: | 17.5%; | Average loss: | 1.2147 |
| Iteration: 703; | Percent complete: | 17.6%; | Average loss: | 1.1173 |
| Iteration: 704; | Percent complete: | 17.6%; | Average loss: | 1.1665 |
| Iteration: 705; | Percent complete: | 17.6%; | Average loss: | 1.1077 |
| Iteration: 706; | Percent complete: | 17.6%; | Average loss: | 1.2784 |
| Iteration: 707; | Percent complete: | 17.7%; | Average loss: | 0.9449 |
| Iteration: 708; | Percent complete: | 17.7%; | Average loss: | 1.5140 |
| Iteration: 709; | Percent complete: | 17.7%; | Average loss: | 1.2205 |
| Iteration: 710; | Percent complete: | 17.8%; | Average loss: | 1.2510 |
| Iteration: 711; | Percent complete: | 17.8%; | Average loss: | 1.1553 |
| Iteration: 712; | Percent complete: | 17.8%; | Average loss: | 1.3344 |
| Iteration: 713; | Percent complete: | 17.8%; | Average loss: | 1.1717 |
| Iteration: 714; | Percent complete: | 17.8%; | Average loss: | 0.9836 |
| Iteration: 715; | Percent complete: | 17.9%; | Average loss: | 1.0675 |
| Iteration: 716; | Percent complete: | 17.9%; | Average loss: | 1.2504 |
| Iteration: 717; | Percent complete: | 17.9%; | Average loss: | 1.1974 |
| Iteration: 718; | Percent complete: | 17.9%; | Average loss: | 1.2311 |
| Iteration: 719; | Percent complete: | 18.0%; | Average loss: | 1.1606 |
| Iteration: 720; | Percent complete: | 18.0%; | Average loss: | 1.4207 |
| Iteration: 721; | Percent complete: | 18.0%; | Average loss: | 1.1434 |
| Iteration: 722; | Percent complete: | 18.1%; | Average loss: | 1.3362 |
| Iteration: 723; | Percent complete: | 18.1%; | Average loss: | 1.2184 |
| Iteration: 724; | Percent complete: | 18.1%; | Average loss: | 1.1186 |
| Iteration: 725; | Percent complete: | 18.1%; | Average loss: | 1.4256 |
| Iteration: 726; | Percent complete: | 18.1%; | Average loss: | 1.0410 |
| Iteration: 727; | Percent complete: | 18.2%; | Average loss: | 0.9510 |
| Iteration: 728; | Percent complete: | 18.2%; | Average loss: | 1.1924 |
| Iteration: 729; | Percent complete: | 18.2%; | Average loss: | 1.1797 |
| Iteration: 730; | Percent complete: | 18.2%; | Average loss: | 1.1631 |
| Iteration: 731; | Percent complete: | 18.3%; | Average loss: | 1.0220 |
| Iteration: 732; | Percent complete: | 18.3%; | Average loss: | 1.0691 |
| Iteration: 733; | Percent complete: | 18.3%; | Average loss: | 1.2495 |
| Iteration: 734; | Percent complete: | 18.4%; | Average loss: | 1.3086 |
| Iteration: 735; | Percent complete: | 18.4%; | Average loss: | 1.2467 |
| Iteration: 736; | Percent complete: | 18.4%; | Average loss: | 1.3768 |
| Iteration: 737; | Percent complete: | 18.4%; | Average loss: | 1.2214 |
| Iteration: 738; | Percent complete: | 18.4%; | Average loss: | 1.1616 |
| Iteration: 739; | Percent complete: | 18.5%; | Average loss: | 1.2416 |
| Iteration: 740; | Percent complete: | 18.5%; | Average loss: | 1.2385 |
| Iteration: 741; | Percent complete: | 18.5%; | Average loss: | 1.2352 |
| Iteration: 742; | Percent complete: | 18.6%; | Average loss: | 1.2039 |
| Iteration: 743; | Percent complete: | 18.6%; | Average loss: | 1.2015 |
| Iteration: 744; | Percent complete: | 18.6%; | Average loss: | 1.1196 |
| Iteration: 745; | Percent complete: | 18.6%; | Average loss: | 1.2957 |
| Iteration: 746; | Percent complete: | 18.6%; | Average loss: | 1.2504 |
| Iteration: 747; | Percent complete: | 18.7%; | Average loss: | 1.4730 |
| Iteration: 748; | Percent complete: | 18.7%; | Average loss: | 1.4250 |
| Iteration: 749; | Percent complete: | 18.7%; | Average loss: | 1.3011 |
| Iteration: 750; | Percent complete: | 18.8%; | Average loss: | 1.1766 |
| Iteration: 751; | Percent complete: | 18.8%; | Average loss: | 1.2189 |
| Iteration: 752; | Percent complete: | 18.8%; | Average loss: | 1.0931 |
| Iteration: 753; | Percent complete: | 18.8%; | Average loss: | 1.2003 |
| Iteration: 754; | Percent complete: | 18.9%; | Average loss: | 0.9269 |
| Iteration: 755; | Percent complete: | 18.9%; | Average loss: | 1.5850 |
| Iteration: 756; | Percent complete: | 18.9%; | Average loss: | 1.2517 |
| Iteration: 757; | Percent complete: | 18.9%; | Average loss: | 1.0901 |
| Iteration: 758; | Percent complete: | 18.9%; | Average loss: | 1.1866 |
| Iteration: 759; | Percent complete: | 19.0%; | Average loss: | 1.2294 |
| Iteration: 760; | Percent complete: | 19.0%; | Average loss: | 1.1902 |
| Iteration: 761; | Percent complete: | 19.0%; | Average loss: | 1.1338 |
| Iteration: 762; | Percent complete: | 19.1%; | Average loss: | 1.1938 |
| Iteration: 763; | Percent complete: | 19.1%; | Average loss: | 1.2104 |
| Iteration: 764; | Percent complete: | 19.1%; | Average loss: | 1.3218 |
| Iteration: 765; | Percent complete: | 19.1%; | Average loss: | 1.2857 |
| Iteration: 766; | Percent complete: | 19.1%; | Average loss: | 1.1382 |
| Iteration: 767; | Percent complete: | 19.2%; | Average loss: | 1.3392 |
| Iteration: 768; | Percent complete: | 19.2%; | Average loss: | 1.3828 |
| Iteration: 769; | Percent complete: | 19.2%; | Average loss: | 1.2871 |
| Iteration: 770; | Percent complete: | 19.2%; | Average loss: | 1.2949 |
| Iteration: 771; | Percent complete: | 19.3%; | Average loss: | 1.3281 |
| Iteration: 772; | Percent complete: | 19.3%; | Average loss: | 1.0498 |
| Iteration: 773; | Percent complete: | 19.3%; | Average loss: | 1.2594 |
| Iteration: 774; | Percent complete: | 19.4%; | Average loss: | 1.2817 |
| Iteration: 775; | Percent complete: | 19.4%; | Average loss: | 1.3783 |
| Iteration: 776; | Percent complete: | 19.4%; | Average loss: | 1.2419 |
| Iteration: 777; | Percent complete: | 19.4%; | Average loss: | 1.3046 |
| Iteration: 778; | Percent complete: | 19.4%; | Average loss: | 1.2361 |
| Iteration: 779; | Percent complete: | 19.5%; | Average loss: | 1.1782 |
| Iteration: 780; | Percent complete: | 19.5%; | Average loss: | 1.077  |

|                 |                   |        |               |        |
|-----------------|-------------------|--------|---------------|--------|
| Iteration: 790; | Percent complete: | 19.8%; | Average loss: | 1.3108 |
| Iteration: 791; | Percent complete: | 19.8%; | Average loss: | 1.3239 |
| Iteration: 792; | Percent complete: | 19.8%; | Average loss: | 1.1524 |
| Iteration: 793; | Percent complete: | 19.8%; | Average loss: | 1.2965 |
| Iteration: 794; | Percent complete: | 19.9%; | Average loss: | 1.1357 |
| Iteration: 795; | Percent complete: | 19.9%; | Average loss: | 1.1285 |
| Iteration: 796; | Percent complete: | 19.9%; | Average loss: | 1.1676 |
| Iteration: 797; | Percent complete: | 19.9%; | Average loss: | 1.4237 |
| Iteration: 798; | Percent complete: | 20.0%; | Average loss: | 1.1971 |
| Iteration: 799; | Percent complete: | 20.0%; | Average loss: | 1.4042 |
| Iteration: 800; | Percent complete: | 20.0%; | Average loss: | 1.2621 |
| Iteration: 801; | Percent complete: | 20.0%; | Average loss: | 1.1379 |
| Iteration: 802; | Percent complete: | 20.1%; | Average loss: | 1.4124 |
| Iteration: 803; | Percent complete: | 20.1%; | Average loss: | 1.2213 |
| Iteration: 804; | Percent complete: | 20.1%; | Average loss: | 1.1965 |
| Iteration: 805; | Percent complete: | 20.1%; | Average loss: | 1.3860 |
| Iteration: 806; | Percent complete: | 20.2%; | Average loss: | 1.3784 |
| Iteration: 807; | Percent complete: | 20.2%; | Average loss: | 1.2336 |
| Iteration: 808; | Percent complete: | 20.2%; | Average loss: | 1.1844 |
| Iteration: 809; | Percent complete: | 20.2%; | Average loss: | 1.0772 |
| Iteration: 810; | Percent complete: | 20.2%; | Average loss: | 1.2995 |
| Iteration: 811; | Percent complete: | 20.3%; | Average loss: | 1.2545 |
| Iteration: 812; | Percent complete: | 20.3%; | Average loss: | 1.2584 |
| Iteration: 813; | Percent complete: | 20.3%; | Average loss: | 1.1207 |
| Iteration: 814; | Percent complete: | 20.3%; | Average loss: | 1.2441 |
| Iteration: 815; | Percent complete: | 20.4%; | Average loss: | 1.4603 |
| Iteration: 816; | Percent complete: | 20.4%; | Average loss: | 1.3275 |
| Iteration: 817; | Percent complete: | 20.4%; | Average loss: | 1.1991 |
| Iteration: 818; | Percent complete: | 20.4%; | Average loss: | 1.4153 |
| Iteration: 819; | Percent complete: | 20.5%; | Average loss: | 1.1632 |
| Iteration: 820; | Percent complete: | 20.5%; | Average loss: | 1.3764 |
| Iteration: 821; | Percent complete: | 20.5%; | Average loss: | 1.2076 |
| Iteration: 822; | Percent complete: | 20.5%; | Average loss: | 1.2219 |
| Iteration: 823; | Percent complete: | 20.6%; | Average loss: | 1.1656 |
| Iteration: 824; | Percent complete: | 20.6%; | Average loss: | 1.1891 |
| Iteration: 825; | Percent complete: | 20.6%; | Average loss: | 1.4640 |
| Iteration: 826; | Percent complete: | 20.6%; | Average loss: | 1.4235 |
| Iteration: 827; | Percent complete: | 20.7%; | Average loss: | 1.1852 |
| Iteration: 828; | Percent complete: | 20.7%; | Average loss: | 1.4062 |
| Iteration: 829; | Percent complete: | 20.7%; | Average loss: | 1.2790 |
| Iteration: 830; | Percent complete: | 20.8%; | Average loss: | 1.2393 |
| Iteration: 831; | Percent complete: | 20.8%; | Average loss: | 1.2465 |
| Iteration: 832; | Percent complete: | 20.8%; | Average loss: | 1.1418 |
| Iteration: 833; | Percent complete: | 20.8%; | Average loss: | 1.2524 |
| Iteration: 834; | Percent complete: | 20.8%; | Average loss: | 1.5222 |
| Iteration: 835; | Percent complete: | 20.9%; | Average loss: | 1.2116 |
| Iteration: 836; | Percent complete: | 20.9%; | Average loss: | 1.4291 |
| Iteration: 837; | Percent complete: | 20.9%; | Average loss: | 1.0882 |
| Iteration: 838; | Percent complete: | 20.9%; | Average loss: | 1.2403 |
| Iteration: 839; | Percent complete: | 21.0%; | Average loss: | 1.2203 |
| Iteration: 840; | Percent complete: | 21.0%; | Average loss: | 1.2430 |
| Iteration: 841; | Percent complete: | 21.0%; | Average loss: | 1.2983 |
| Iteration: 842; | Percent complete: | 21.1%; | Average loss: | 1.0544 |
| Iteration: 843; | Percent complete: | 21.1%; | Average loss: | 1.3478 |
| Iteration: 844; | Percent complete: | 21.1%; | Average loss: | 1.3266 |
| Iteration: 845; | Percent complete: | 21.1%; | Average loss: | 1.2968 |
| Iteration: 846; | Percent complete: | 21.1%; | Average loss: | 1.2815 |
| Iteration: 847; | Percent complete: | 21.2%; | Average loss: | 1.1142 |
| Iteration: 848; | Percent complete: | 21.2%; | Average loss: | 1.1966 |
| Iteration: 849; | Percent complete: | 21.2%; | Average loss: | 1.4412 |
| Iteration: 850; | Percent complete: | 21.2%; | Average loss: | 1.3455 |
| Iteration: 851; | Percent complete: | 21.3%; | Average loss: | 1.3570 |
| Iteration: 852; | Percent complete: | 21.3%; | Average loss: | 1.2217 |
| Iteration: 853; | Percent complete: | 21.3%; | Average loss: | 1.2764 |
| Iteration: 854; | Percent complete: | 21.3%; | Average loss: | 1.2582 |
| Iteration: 855; | Percent complete: | 21.4%; | Average loss: | 1.2970 |
| Iteration: 856; | Percent complete: | 21.4%; | Average loss: | 1.3858 |
| Iteration: 857; | Percent complete: | 21.4%; | Average loss: | 1.0978 |
| Iteration: 858; | Percent complete: | 21.4%; | Average loss: | 1.3254 |
| Iteration: 859; | Percent complete: | 21.5%; | Average loss: | 1.2647 |
| Iteration: 860; | Percent complete: | 21.5%; | Average loss: | 1.3004 |
| Iteration: 861; | Percent complete: | 21.5%; | Average loss: | 1.1230 |
| Iteration: 862; | Percent complete: | 21.6%; | Average loss: | 1.3418 |
| Iteration: 863; | Percent complete: | 21.6%; | Average loss: | 1.2846 |
| Iteration: 864; | Percent complete: | 21.6%; | Average loss: | 1.1242 |
| Iteration: 865; | Percent complete: | 21.6%; | Average loss: | 1.3069 |
| Iteration: 866; | Percent complete: | 21.6%; | Average loss: | 1.4013 |
| Iteration: 867; | Percent complete: | 21.7%; | Average loss: | 1.1633 |
| Iteration: 868; | Percent complete: | 21.7%; | Average loss: | 1.5613 |
| Iteration: 869; | Percent complete: | 21.7%; | Average loss: | 0.9985 |
| Iteration: 870; | Percent complete: | 21.8%; | Average loss: | 1.3666 |
| Iteration: 871; | Percent complete: | 21.8%; | Average loss: | 1.237  |

|                 |                   |        |               |        |
|-----------------|-------------------|--------|---------------|--------|
| Iteration: 881; | Percent complete: | 22.0%; | Average loss: | 1.1703 |
| Iteration: 882; | Percent complete: | 22.1%; | Average loss: | 1.3213 |
| Iteration: 883; | Percent complete: | 22.1%; | Average loss: | 1.4145 |
| Iteration: 884; | Percent complete: | 22.1%; | Average loss: | 1.3248 |
| Iteration: 885; | Percent complete: | 22.1%; | Average loss: | 1.3645 |
| Iteration: 886; | Percent complete: | 22.1%; | Average loss: | 1.1520 |
| Iteration: 887; | Percent complete: | 22.2%; | Average loss: | 1.1568 |
| Iteration: 888; | Percent complete: | 22.2%; | Average loss: | 1.2433 |
| Iteration: 889; | Percent complete: | 22.2%; | Average loss: | 1.1366 |
| Iteration: 890; | Percent complete: | 22.2%; | Average loss: | 1.3751 |
| Iteration: 891; | Percent complete: | 22.3%; | Average loss: | 1.3539 |
| Iteration: 892; | Percent complete: | 22.3%; | Average loss: | 1.2525 |
| Iteration: 893; | Percent complete: | 22.3%; | Average loss: | 1.2039 |
| Iteration: 894; | Percent complete: | 22.4%; | Average loss: | 1.1410 |
| Iteration: 895; | Percent complete: | 22.4%; | Average loss: | 1.2155 |
| Iteration: 896; | Percent complete: | 22.4%; | Average loss: | 1.2488 |
| Iteration: 897; | Percent complete: | 22.4%; | Average loss: | 1.4919 |
| Iteration: 898; | Percent complete: | 22.4%; | Average loss: | 1.2182 |
| Iteration: 899; | Percent complete: | 22.5%; | Average loss: | 1.0477 |
| Iteration: 900; | Percent complete: | 22.5%; | Average loss: | 1.1476 |
| Iteration: 901; | Percent complete: | 22.5%; | Average loss: | 1.1135 |
| Iteration: 902; | Percent complete: | 22.6%; | Average loss: | 1.1556 |
| Iteration: 903; | Percent complete: | 22.6%; | Average loss: | 1.3489 |
| Iteration: 904; | Percent complete: | 22.6%; | Average loss: | 1.2099 |
| Iteration: 905; | Percent complete: | 22.6%; | Average loss: | 1.4580 |
| Iteration: 906; | Percent complete: | 22.7%; | Average loss: | 1.3599 |
| Iteration: 907; | Percent complete: | 22.7%; | Average loss: | 1.2810 |
| Iteration: 908; | Percent complete: | 22.7%; | Average loss: | 1.3255 |
| Iteration: 909; | Percent complete: | 22.7%; | Average loss: | 1.3146 |
| Iteration: 910; | Percent complete: | 22.8%; | Average loss: | 1.1855 |
| Iteration: 911; | Percent complete: | 22.8%; | Average loss: | 1.0285 |
| Iteration: 912; | Percent complete: | 22.8%; | Average loss: | 1.3812 |
| Iteration: 913; | Percent complete: | 22.8%; | Average loss: | 1.2478 |
| Iteration: 914; | Percent complete: | 22.9%; | Average loss: | 1.2400 |
| Iteration: 915; | Percent complete: | 22.9%; | Average loss: | 1.3348 |
| Iteration: 916; | Percent complete: | 22.9%; | Average loss: | 1.2437 |
| Iteration: 917; | Percent complete: | 22.9%; | Average loss: | 1.2627 |
| Iteration: 918; | Percent complete: | 22.9%; | Average loss: | 1.5088 |
| Iteration: 919; | Percent complete: | 23.0%; | Average loss: | 1.1329 |
| Iteration: 920; | Percent complete: | 23.0%; | Average loss: | 1.2880 |
| Iteration: 921; | Percent complete: | 23.0%; | Average loss: | 1.2296 |
| Iteration: 922; | Percent complete: | 23.1%; | Average loss: | 0.9578 |
| Iteration: 923; | Percent complete: | 23.1%; | Average loss: | 1.1919 |
| Iteration: 924; | Percent complete: | 23.1%; | Average loss: | 1.2847 |
| Iteration: 925; | Percent complete: | 23.1%; | Average loss: | 1.1822 |
| Iteration: 926; | Percent complete: | 23.2%; | Average loss: | 1.2840 |
| Iteration: 927; | Percent complete: | 23.2%; | Average loss: | 1.1726 |
| Iteration: 928; | Percent complete: | 23.2%; | Average loss: | 1.1747 |
| Iteration: 929; | Percent complete: | 23.2%; | Average loss: | 1.1996 |
| Iteration: 930; | Percent complete: | 23.2%; | Average loss: | 1.0717 |
| Iteration: 931; | Percent complete: | 23.3%; | Average loss: | 1.2877 |
| Iteration: 932; | Percent complete: | 23.3%; | Average loss: | 1.1534 |
| Iteration: 933; | Percent complete: | 23.3%; | Average loss: | 1.2726 |
| Iteration: 934; | Percent complete: | 23.4%; | Average loss: | 1.2266 |
| Iteration: 935; | Percent complete: | 23.4%; | Average loss: | 1.3983 |
| Iteration: 936; | Percent complete: | 23.4%; | Average loss: | 1.1535 |
| Iteration: 937; | Percent complete: | 23.4%; | Average loss: | 1.2401 |
| Iteration: 938; | Percent complete: | 23.4%; | Average loss: | 1.3802 |
| Iteration: 939; | Percent complete: | 23.5%; | Average loss: | 1.1779 |
| Iteration: 940; | Percent complete: | 23.5%; | Average loss: | 1.2256 |
| Iteration: 941; | Percent complete: | 23.5%; | Average loss: | 1.3792 |
| Iteration: 942; | Percent complete: | 23.5%; | Average loss: | 1.2448 |
| Iteration: 943; | Percent complete: | 23.6%; | Average loss: | 1.2035 |
| Iteration: 944; | Percent complete: | 23.6%; | Average loss: | 1.3187 |
| Iteration: 945; | Percent complete: | 23.6%; | Average loss: | 1.2605 |
| Iteration: 946; | Percent complete: | 23.6%; | Average loss: | 1.1453 |
| Iteration: 947; | Percent complete: | 23.7%; | Average loss: | 1.1602 |
| Iteration: 948; | Percent complete: | 23.7%; | Average loss: | 1.2520 |
| Iteration: 949; | Percent complete: | 23.7%; | Average loss: | 1.2400 |
| Iteration: 950; | Percent complete: | 23.8%; | Average loss: | 1.3823 |
| Iteration: 951; | Percent complete: | 23.8%; | Average loss: | 1.2541 |
| Iteration: 952; | Percent complete: | 23.8%; | Average loss: | 1.2425 |
| Iteration: 953; | Percent complete: | 23.8%; | Average loss: | 1.1803 |
| Iteration: 954; | Percent complete: | 23.8%; | Average loss: | 1.2487 |
| Iteration: 955; | Percent complete: | 23.9%; | Average loss: | 1.1772 |
| Iteration: 956; | Percent complete: | 23.9%; | Average loss: | 1.3070 |
| Iteration: 957; | Percent complete: | 23.9%; | Average loss: | 1.2254 |
| Iteration: 958; | Percent complete: | 23.9%; | Average loss: | 1.3251 |
| Iteration: 959; | Percent complete: | 24.0%; | Average loss: | 0.9919 |
| Iteration: 960; | Percent complete: | 24.0%; | Average loss: | 1.1895 |
| Iteration: 961; | Percent complete: | 24.0%; | Average loss: | 1.1180 |
| Iteration: 962; | Percent complete: | 24.1%; | Average loss: | 1.315  |

|                  |                          |                      |
|------------------|--------------------------|----------------------|
| Iteration: 972;  | Percent complete: 24.3%; | Average loss: 1.1423 |
| Iteration: 973;  | Percent complete: 24.3%; | Average loss: 1.1367 |
| Iteration: 974;  | Percent complete: 24.3%; | Average loss: 1.0427 |
| Iteration: 975;  | Percent complete: 24.4%; | Average loss: 1.2881 |
| Iteration: 976;  | Percent complete: 24.4%; | Average loss: 1.2144 |
| Iteration: 977;  | Percent complete: 24.4%; | Average loss: 1.1158 |
| Iteration: 978;  | Percent complete: 24.4%; | Average loss: 1.1125 |
| Iteration: 979;  | Percent complete: 24.5%; | Average loss: 1.1978 |
| Iteration: 980;  | Percent complete: 24.5%; | Average loss: 1.2052 |
| Iteration: 981;  | Percent complete: 24.5%; | Average loss: 1.4140 |
| Iteration: 982;  | Percent complete: 24.6%; | Average loss: 1.1626 |
| Iteration: 983;  | Percent complete: 24.6%; | Average loss: 1.2033 |
| Iteration: 984;  | Percent complete: 24.6%; | Average loss: 1.2518 |
| Iteration: 985;  | Percent complete: 24.6%; | Average loss: 1.2107 |
| Iteration: 986;  | Percent complete: 24.6%; | Average loss: 1.1981 |
| Iteration: 987;  | Percent complete: 24.7%; | Average loss: 1.2027 |
| Iteration: 988;  | Percent complete: 24.7%; | Average loss: 1.229  |
| Iteration: 989;  | Percent complete: 24.7%; | Average loss: 1.1833 |
| Iteration: 990;  | Percent complete: 24.8%; | Average loss: 1.4619 |
| Iteration: 991;  | Percent complete: 24.8%; | Average loss: 1.2454 |
| Iteration: 992;  | Percent complete: 24.8%; | Average loss: 1.1033 |
| Iteration: 993;  | Percent complete: 24.8%; | Average loss: 1.3253 |
| Iteration: 994;  | Percent complete: 24.9%; | Average loss: 1.2089 |
| Iteration: 995;  | Percent complete: 24.9%; | Average loss: 1.2105 |
| Iteration: 996;  | Percent complete: 24.9%; | Average loss: 1.1731 |
| Iteration: 997;  | Percent complete: 24.9%; | Average loss: 1.2633 |
| Iteration: 998;  | Percent complete: 24.9%; | Average loss: 1.1148 |
| Iteration: 999;  | Percent complete: 25.0%; | Average loss: 1.2629 |
| Iteration: 1000; | Percent complete: 25.0%; | Average loss: 1.2979 |
| Iteration: 1001; | Percent complete: 25.0%; | Average loss: 1.277  |
| Iteration: 1002; | Percent complete: 25.1%; | Average loss: 1.322  |
| Iteration: 1003; | Percent complete: 25.1%; | Average loss: 1.1215 |
| Iteration: 1004; | Percent complete: 25.1%; | Average loss: 1.2695 |
| Iteration: 1005; | Percent complete: 25.1%; | Average loss: 1.2814 |
| Iteration: 1006; | Percent complete: 25.1%; | Average loss: 1.2048 |
| Iteration: 1007; | Percent complete: 25.2%; | Average loss: 1.3904 |
| Iteration: 1008; | Percent complete: 25.2%; | Average loss: 1.3572 |
| Iteration: 1009; | Percent complete: 25.2%; | Average loss: 1.2792 |
| Iteration: 1010; | Percent complete: 25.2%; | Average loss: 1.1936 |
| Iteration: 1011; | Percent complete: 25.3%; | Average loss: 1.0798 |
| Iteration: 1012; | Percent complete: 25.3%; | Average loss: 1.1989 |
| Iteration: 1013; | Percent complete: 25.3%; | Average loss: 1.5247 |
| Iteration: 1014; | Percent complete: 25.4%; | Average loss: 1.1123 |
| Iteration: 1015; | Percent complete: 25.4%; | Average loss: 1.1454 |
| Iteration: 1016; | Percent complete: 25.4%; | Average loss: 1.3609 |
| Iteration: 1017; | Percent complete: 25.4%; | Average loss: 1.2907 |
| Iteration: 1018; | Percent complete: 25.4%; | Average loss: 1.3239 |
| Iteration: 1019; | Percent complete: 25.5%; | Average loss: 1.1743 |
| Iteration: 1020; | Percent complete: 25.5%; | Average loss: 1.2748 |
| Iteration: 1021; | Percent complete: 25.5%; | Average loss: 1.1854 |
| Iteration: 1022; | Percent complete: 25.6%; | Average loss: 1.1647 |
| Iteration: 1023; | Percent complete: 25.6%; | Average loss: 1.4128 |
| Iteration: 1024; | Percent complete: 25.6%; | Average loss: 1.2739 |
| Iteration: 1025; | Percent complete: 25.6%; | Average loss: 1.4253 |
| Iteration: 1026; | Percent complete: 25.7%; | Average loss: 1.3237 |
| Iteration: 1027; | Percent complete: 25.7%; | Average loss: 1.3299 |
| Iteration: 1028; | Percent complete: 25.7%; | Average loss: 1.3194 |
| Iteration: 1029; | Percent complete: 25.7%; | Average loss: 1.0917 |
| Iteration: 1030; | Percent complete: 25.8%; | Average loss: 1.1238 |
| Iteration: 1031; | Percent complete: 25.8%; | Average loss: 1.0407 |
| Iteration: 1032; | Percent complete: 25.8%; | Average loss: 1.2024 |
| Iteration: 1033; | Percent complete: 25.8%; | Average loss: 1.1526 |
| Iteration: 1034; | Percent complete: 25.9%; | Average loss: 1.3306 |
| Iteration: 1035; | Percent complete: 25.9%; | Average loss: 1.0252 |
| Iteration: 1036; | Percent complete: 25.9%; | Average loss: 1.2049 |
| Iteration: 1037; | Percent complete: 25.9%; | Average loss: 1.2324 |
| Iteration: 1038; | Percent complete: 25.9%; | Average loss: 1.2357 |
| Iteration: 1039; | Percent complete: 26.0%; | Average loss: 1.2959 |
| Iteration: 1040; | Percent complete: 26.0%; | Average loss: 1.2446 |
| Iteration: 1041; | Percent complete: 26.0%; | Average loss: 1.0806 |
| Iteration: 1042; | Percent complete: 26.1%; | Average loss: 1.2008 |
| Iteration: 1043; | Percent complete: 26.1%; | Average loss: 1.2187 |
| Iteration: 1044; | Percent complete: 26.1%; | Average loss: 1.0375 |
| Iteration: 1045; | Percent complete: 26.1%; | Average loss: 1.1534 |
| Iteration: 1046; | Percent complete: 26.2%; | Average loss: 1.3893 |
| Iteration: 1047; | Percent complete: 26.2%; | Average loss: 1.2899 |
| Iteration: 1048; | Percent complete: 26.2%; | Average loss: 1.2932 |
| Iteration: 1049; | Percent complete: 26.2%; | Average loss: 1.1873 |
| Iteration: 1050; | Percent complete: 26.2%; | Average loss: 1.3503 |
| Iteration: 1051; | Percent complete: 26.3%; | Average loss: 1.3516 |
| Iteration: 1052; | Percent complete: 26.3%; | Average loss: 1.2313 |
| Iteration: 1053; | Percent complete: 26.3%; | Average loss: 1.3912 |
| Iteration: 1054; | Percent complete: 26.4%; | Average loss: 1.4816 |
| Iteration: 1055; | Percent complete: 26.4%; | Average loss: 1.3322 |
| Iteration: 1056; | Percent complete: 26.4%; | Average loss: 1.1508 |
| Iteration: 1057; | Percent complete: 26.4%; | Average loss: 1.3606 |
| Iteration: 1058; | Percent complete: 26.5%; | Average loss: 1.1619 |
| Iteration: 1059; | Percent complete: 26.5%; | Average loss: 1.2789 |
| Iteration: 1060; | Percent complete: 26.5%; | Average loss: 1.1793 |
| Iteration: 1061; | Percent complete: 26.5%; | Average loss: 1.1736 |
| Iteration: 1062; | Percent complete: 26.6%; | Average loss: 1.2968 |
| Iteration: 1063; | Percent complete: 26.6%; | A                    |

|            |       |         |           |        |         |       |        |
|------------|-------|---------|-----------|--------|---------|-------|--------|
| Iteration: | 1064; | Percent | complete: | 26.6%; | Average | loss: | 1.2349 |
| Iteration: | 1065; | Percent | complete: | 26.6%; | Average | loss: | 1.1878 |
| Iteration: | 1066; | Percent | complete: | 26.7%; | Average | loss: | 1.3077 |
| Iteration: | 1067; | Percent | complete: | 26.7%; | Average | loss: | 1.2153 |
| Iteration: | 1068; | Percent | complete: | 26.7%; | Average | loss: | 1.3697 |
| Iteration: | 1069; | Percent | complete: | 26.7%; | Average | loss: | 1.1835 |
| Iteration: | 1070; | Percent | complete: | 26.8%; | Average | loss: | 1.5305 |
| Iteration: | 1071; | Percent | complete: | 26.8%; | Average | loss: | 1.0912 |
| Iteration: | 1072; | Percent | complete: | 26.8%; | Average | loss: | 1.4016 |
| Iteration: | 1073; | Percent | complete: | 26.8%; | Average | loss: | 1.2537 |
| Iteration: | 1074; | Percent | complete: | 26.9%; | Average | loss: | 1.4575 |
| Iteration: | 1075; | Percent | complete: | 26.9%; | Average | loss: | 1.0819 |
| Iteration: | 1076; | Percent | complete: | 26.9%; | Average | loss: | 1.1995 |
| Iteration: | 1077; | Percent | complete: | 26.9%; | Average | loss: | 1.1576 |
| Iteration: | 1078; | Percent | complete: | 27.0%; | Average | loss: | 1.3247 |
| Iteration: | 1079; | Percent | complete: | 27.0%; | Average | loss: | 1.2596 |
| Iteration: | 1080; | Percent | complete: | 27.0%; | Average | loss: | 0.9352 |
| Iteration: | 1081; | Percent | complete: | 27.0%; | Average | loss: | 1.3647 |
| Iteration: | 1082; | Percent | complete: | 27.1%; | Average | loss: | 1.2333 |
| Iteration: | 1083; | Percent | complete: | 27.1%; | Average | loss: | 1.0597 |
| Iteration: | 1084; | Percent | complete: | 27.1%; | Average | loss: | 1.2216 |
| Iteration: | 1085; | Percent | complete: | 27.1%; | Average | loss: | 1.0426 |
| Iteration: | 1086; | Percent | complete: | 27.2%; | Average | loss: | 1.4486 |
| Iteration: | 1087; | Percent | complete: | 27.2%; | Average | loss: | 1.1533 |
| Iteration: | 1088; | Percent | complete: | 27.2%; | Average | loss: | 1.3524 |
| Iteration: | 1089; | Percent | complete: | 27.2%; | Average | loss: | 1.3843 |
| Iteration: | 1090; | Percent | complete: | 27.3%; | Average | loss: | 1.2463 |
| Iteration: | 1091; | Percent | complete: | 27.3%; | Average | loss: | 1.3916 |
| Iteration: | 1092; | Percent | complete: | 27.3%; | Average | loss: | 1.3613 |
| Iteration: | 1093; | Percent | complete: | 27.3%; | Average | loss: | 1.3065 |
| Iteration: | 1094; | Percent | complete: | 27.4%; | Average | loss: | 1.4016 |
| Iteration: | 1095; | Percent | complete: | 27.4%; | Average | loss: | 1.3425 |
| Iteration: | 1096; | Percent | complete: | 27.4%; | Average | loss: | 1.2904 |
| Iteration: | 1097; | Percent | complete: | 27.4%; | Average | loss: | 1.2255 |
| Iteration: | 1098; | Percent | complete: | 27.5%; | Average | loss: | 1.1882 |
| Iteration: | 1099; | Percent | complete: | 27.5%; | Average | loss: | 1.1214 |
| Iteration: | 1100; | Percent | complete: | 27.5%; | Average | loss: | 1.1783 |
| Iteration: | 1101; | Percent | complete: | 27.5%; | Average | loss: | 1.3202 |
| Iteration: | 1102; | Percent | complete: | 27.6%; | Average | loss: | 1.3887 |
| Iteration: | 1103; | Percent | complete: | 27.6%; | Average | loss: | 1.1966 |
| Iteration: | 1104; | Percent | complete: | 27.6%; | Average | loss: | 1.2767 |
| Iteration: | 1105; | Percent | complete: | 27.6%; | Average | loss: | 1.1286 |
| Iteration: | 1106; | Percent | complete: | 27.7%; | Average | loss: | 1.3856 |
| Iteration: | 1107; | Percent | complete: | 27.7%; | Average | loss: | 1.3746 |
| Iteration: | 1108; | Percent | complete: | 27.7%; | Average | loss: | 1.3162 |
| Iteration: | 1109; | Percent | complete: | 27.7%; | Average | loss: | 1.3136 |
| Iteration: | 1110; | Percent | complete: | 27.8%; | Average | loss: | 1.2187 |
| Iteration: | 1111; | Percent | complete: | 27.8%; | Average | loss: | 1.2614 |
| Iteration: | 1112; | Percent | complete: | 27.8%; | Average | loss: | 1.0033 |
| Iteration: | 1113; | Percent | complete: | 27.8%; | Average | loss: | 1.2107 |
| Iteration: | 1114; | Percent | complete: | 27.9%; | Average | loss: | 1.4618 |
| Iteration: | 1115; | Percent | complete: | 27.9%; | Average | loss: | 1.1628 |
| Iteration: | 1116; | Percent | complete: | 27.9%; | Average | loss: | 1.3223 |
| Iteration: | 1117; | Percent | complete: | 27.9%; | Average | loss: | 1.2778 |
| Iteration: | 1118; | Percent | complete: | 28.0%; | Average | loss: | 1.1959 |
| Iteration: | 1119; | Percent | complete: | 28.0%; | Average | loss: | 1.4002 |
| Iteration: | 1120; | Percent | complete: | 28.0%; | Average | loss: | 1.2176 |
| Iteration: | 1121; | Percent | complete: | 28.0%; | Average | loss: | 1.1265 |
| Iteration: | 1122; | Percent | complete: | 28.1%; | Average | loss: | 1.2414 |
| Iteration: | 1123; | Percent | complete: | 28.1%; | Average | loss: | 1.1185 |
| Iteration: | 1124; | Percent | complete: | 28.1%; | Average | loss: | 1.0593 |
| Iteration: | 1125; | Percent | complete: | 28.1%; | Average | loss: | 1.1948 |
| Iteration: | 1126; | Percent | complete: | 28.1%; | Average | loss: | 1.3712 |
| Iteration: | 1127; | Percent | complete: | 28.2%; | Average | loss: | 1.1463 |

Iteration: 1155; Percent complete: 28.9%; Average loss: 1.2281  
Iteration: 1156; Percent complete: 28.9%; Average loss: 1.1939  
Iteration: 1157; Percent complete: 28.9%; Average loss: 1.1703  
Iteration: 1158; Percent complete: 28.9%; Average loss: 1.1856  
Iteration: 1159; Percent complete: 29.0%; Average loss: 1.2810  
Iteration: 1160; Percent complete: 29.0%; Average loss: 1.0174  
Iteration: 1161; Percent complete: 29.0%; Average loss: 1.3185  
Iteration: 1162; Percent complete: 29.0%; Average loss: 1.2754  
Iteration: 1163; Percent complete: 29.1%; Average loss: 1.4164  
Iteration: 1164; Percent complete: 29.1%; Average loss: 1.1903  
Iteration: 1165; Percent complete: 29.1%; Average loss: 1.3394  
Iteration: 1166; Percent complete: 29.1%; Average loss: 1.4341  
Iteration: 1167; Percent complete: 29.2%; Average loss: 1.2948  
Iteration: 1168; Percent complete: 29.2%; Average loss: 1.0945  
Iteration: 1169; Percent complete: 29.2%; Average loss: 1.4547  
Iteration: 1170; Percent complete: 29.2%; Average loss: 1.2657  
Iteration: 1171; Percent complete: 29.3%; Average loss: 1.2023  
Iteration: 1172; Percent complete: 29.3%; Average loss: 1.1720  
Iteration: 1173; Percent complete: 29.3%; Average loss: 1.2351  
Iteration: 1174; Percent complete: 29.3%; Average loss: 1.3988  
Iteration: 1175; Percent complete: 29.4%; Average loss: 1.4369  
Iteration: 1176; Percent complete: 29.4%; Average loss: 1.1785  
Iteration: 1177; Percent complete: 29.4%; Average loss: 1.1875  
Iteration: 1178; Percent complete: 29.4%; Average loss: 1.3513  
Iteration: 1179; Percent complete: 29.5%; Average loss: 1.3847  
Iteration: 1180; Percent complete: 29.5%; Average loss: 1.2273  
Iteration: 1181; Percent complete: 29.5%; Average loss: 1.2113  
Iteration: 1182; Percent complete: 29.5%; Average loss: 1.5429  
Iteration: 1183; Percent complete: 29.6%; Average loss: 1.2220  
Iteration: 1184; Percent complete: 29.6%; Average loss: 1.3892  
Iteration: 1185; Percent complete: 29.6%; Average loss: 1.4061  
Iteration: 1186; Percent complete: 29.6%; Average loss: 1.0809  
Iteration: 1187; Percent complete: 29.7%; Average loss: 1.4369  
Iteration: 1188; Percent complete: 29.7%; Average loss: 1.2138  
Iteration: 1189; Percent complete: 29.7%; Average loss: 1.1126  
Iteration: 1190; Percent complete: 29.8%; Average loss: 1.2276  
Iteration: 1191; Percent complete: 29.8%; Average loss: 1.0791  
Iteration: 1192; Percent complete: 29.8%; Average loss: 1.3368  
Iteration: 1193; Percent complete: 29.8%; Average loss: 1.3838  
Iteration: 1194; Percent complete: 29.8%; Average loss: 1.0950  
Iteration: 1195; Percent complete: 29.9%; Average loss: 1.2173  
Iteration: 1196; Percent complete: 29.9%; Average loss: 1.0980  
Iteration: 1197; Percent complete: 29.9%; Average loss: 1.4766  
Iteration: 1198; Percent complete: 29.9%; Average loss: 1.2453  
Iteration: 1199; Percent complete: 30.0%; Average loss: 1.3202  
Iteration: 1200; Percent complete: 30.0%; Average loss: 1.2613  
Iteration: 1201; Percent complete: 30.0%; Average loss: 1.2927  
Iteration: 1202; Percent complete: 30.0%; Average loss: 1.0079  
Iteration: 1203; Percent complete: 30.1%; Average loss: 1.2757  
Iteration: 1204; Percent complete: 30.1%; Average loss: 1.1422  
Iteration: 1205; Percent complete: 30.1%; Average loss: 1.1631  
Iteration: 1206; Percent complete: 30.1%; Average loss: 1.2268  
Iteration: 1207; Percent complete: 30.2%; Average loss: 1.2452  
Iteration: 1208; Percent complete: 30.2%; Average loss: 1.2369  
Iteration: 1209; Percent complete: 30.2%; Average loss: 1.1267  
Iteration: 1210; Percent complete: 30.2%; Average loss: 1.2782  
Iteration: 1211; Percent complete: 30.3%; Average loss: 1.3134  
Iteration: 1212; Percent complete: 30.3%; Average loss: 1.5585  
Iteration: 1213; Percent complete: 30.3%; Average loss: 1.3114  
Iteration: 1214; Percent complete: 30.3%; Average loss: 1.3247  
Iteration: 1215; Percent complete: 30.4%; Average loss: 1.1372  
Iteration: 1216; Percent complete: 30.4%; Average loss: 1.4546  
Iteration: 1217; Percent complete: 30.4%; Average loss: 1.1467  
Iteration: 1218; Percent complete: 30.4%; Average loss: 1.2411  
Iteration: 1219; Percent complete: 30.5%; Average loss: 1.3070  
Iteration: 1220; Percent complete: 30.5%; Average loss: 1.2702  
Iteration: 1221; Percent complete: 30.5%; Average loss: 1.2504  
Iteration: 1222; Percent complete: 30.6%; Average loss: 1.3062  
Iteration: 1223; Percent complete: 30.6%; Average loss: 1.1535  
Iteration: 1224; Percent complete: 30.6%; Average loss: 1.2588  
Iteration: 1225; Percent complete: 30.6%; Average loss: 1.2805  
Iteration: 1226; Percent complete: 30.6%; Average loss: 1.1261  
Iteration: 1227; Percent complete: 30.7%; Average loss: 1.1742  
Iteration: 1228; Percent complete: 30.7%; Average loss: 1.3180  
Iteration: 1229; Percent complete: 30.7%; Average loss: 1.2943  
Iteration: 1230; Percent complete: 30.8%; Average loss: 1.1909  
Iteration: 1231; Percent complete: 30.8%; Average loss: 1.1429  
Iteration: 1232; Percent complete: 30.8%; Average loss: 1.1337  
Iteration: 1233; Percent complete: 30.8%; Average loss: 1.1867  
Iteration: 1234; Percent complete: 30.9%; Average loss: 1.3042  
Iteration: 1235; Percent complete: 30.9%; Average loss: 1.1904  
Iteration: 1236; Percent complete: 30.9%; Average loss: 1.3087  
Iteration: 1237; Percent complete: 30.9%; Average loss: 0.9718  
Iteration: 1238; Percent complete: 30.9%; Average loss: 1.3533  
Iteration: 1239; Percent complete: 31.0%; Average loss: 1.4380  
Iteration: 1240; Percent complete: 31.0%; Average loss: 1.4262  
Iteration: 1241; Percent complete: 31.0%; Average loss: 1.2128  
Iteration: 1242; Percent complete: 31.1%; Average loss: 1.4892  
Iteration: 1243; Percent complete: 31.1%; Average loss: 1.3830  
Iteration: 1244; Percent complete: 31.1%; Average loss: 1.0946  
Iteration: 1245; Percent complete: 31.1%; Average loss: 1.2524  
Iteration: 1246; Percent complete: 31.1%; Average loss: 1.2253

|                  |                          |                      |
|------------------|--------------------------|----------------------|
| Iteration: 1246; | Percent complete: 31.1%; | Average loss: 1.2313 |
| Iteration: 1247; | Percent complete: 31.2%; | Average loss: 1.3187 |
| Iteration: 1248; | Percent complete: 31.2%; | Average loss: 1.2443 |
| Iteration: 1249; | Percent complete: 31.2%; | Average loss: 1.0794 |
| Iteration: 1250; | Percent complete: 31.2%; | Average loss: 1.1712 |
| Iteration: 1251; | Percent complete: 31.3%; | Average loss: 1.2082 |
| Iteration: 1252; | Percent complete: 31.3%; | Average loss: 1.2757 |
| Iteration: 1253; | Percent complete: 31.3%; | Average loss: 1.0825 |
| Iteration: 1254; | Percent complete: 31.4%; | Average loss: 1.2546 |
| Iteration: 1255; | Percent complete: 31.4%; | Average loss: 1.2028 |
| Iteration: 1256; | Percent complete: 31.4%; | Average loss: 1.1836 |
| Iteration: 1257; | Percent complete: 31.4%; | Average loss: 1.2897 |
| Iteration: 1258; | Percent complete: 31.4%; | Average loss: 1.1714 |
| Iteration: 1259; | Percent complete: 31.5%; | Average loss: 1.3105 |
| Iteration: 1260; | Percent complete: 31.5%; | Average loss: 1.1134 |
| Iteration: 1261; | Percent complete: 31.5%; | Average loss: 1.2190 |
| Iteration: 1262; | Percent complete: 31.6%; | Average loss: 1.1328 |
| Iteration: 1263; | Percent complete: 31.6%; | Average loss: 1.2309 |
| Iteration: 1264; | Percent complete: 31.6%; | Average loss: 1.3182 |
| Iteration: 1265; | Percent complete: 31.6%; | Average loss: 1.1888 |
| Iteration: 1266; | Percent complete: 31.6%; | Average loss: 1.0740 |
| Iteration: 1267; | Percent complete: 31.7%; | Average loss: 1.1365 |
| Iteration: 1268; | Percent complete: 31.7%; | Average loss: 1.0766 |
| Iteration: 1269; | Percent complete: 31.7%; | Average loss: 1.3085 |
| Iteration: 1270; | Percent complete: 31.8%; | Average loss: 1.4980 |
| Iteration: 1271; | Percent complete: 31.8%; | Average loss: 1.1496 |
| Iteration: 1272; | Percent complete: 31.8%; | Average loss: 1.3472 |
| Iteration: 1273; | Percent complete: 31.8%; | Average loss: 1.2894 |
| Iteration: 1274; | Percent complete: 31.9%; | Average loss: 1.1389 |
| Iteration: 1275; | Percent complete: 31.9%; | Average loss: 1.2806 |
| Iteration: 1276; | Percent complete: 31.9%; | Average loss: 1.3043 |
| Iteration: 1277; | Percent complete: 31.9%; | Average loss: 1.0930 |
| Iteration: 1278; | Percent complete: 31.9%; | Average loss: 1.2841 |
| Iteration: 1279; | Percent complete: 32.0%; | Average loss: 1.2754 |
| Iteration: 1280; | Percent complete: 32.0%; | Average loss: 1.2627 |
| Iteration: 1281; | Percent complete: 32.0%; | Average loss: 1.3082 |
| Iteration: 1282; | Percent complete: 32.0%; | Average loss: 1.2562 |
| Iteration: 1283; | Percent complete: 32.1%; | Average loss: 1.3464 |
| Iteration: 1284; | Percent complete: 32.1%; | Average loss: 1.3119 |
| Iteration: 1285; | Percent complete: 32.1%; | Average loss: 1.3708 |
| Iteration: 1286; | Percent complete: 32.1%; | Average loss: 1.1452 |
| Iteration: 1287; | Percent complete: 32.2%; | Average loss: 1.3369 |
| Iteration: 1288; | Percent complete: 32.2%; | Average loss: 1.0640 |
| Iteration: 1289; | Percent complete: 32.2%; | Average loss: 1.4248 |
| Iteration: 1290; | Percent complete: 32.2%; | Average loss: 1.2127 |
| Iteration: 1291; | Percent complete: 32.3%; | Average loss: 1.3476 |
| Iteration: 1292; | Percent complete: 32.3%; | Average loss: 1.0815 |
| Iteration: 1293; | Percent complete: 32.3%; | Average loss: 1.2046 |
| Iteration: 1294; | Percent complete: 32.4%; | Average loss: 1.2460 |
| Iteration: 1295; | Percent complete: 32.4%; | Average loss: 1.3090 |
| Iteration: 1296; | Percent complete: 32.4%; | Average loss: 1.2204 |
| Iteration: 1297; | Percent complete: 32.4%; | Average loss: 1.2423 |
| Iteration: 1298; | Percent complete: 32.5%; | Average loss: 1.3406 |
| Iteration: 1299; | Percent complete: 32.5%; | Average loss: 1.1958 |
| Iteration: 1300; | Percent complete: 32.5%; | Average loss: 1.1229 |
| Iteration: 1301; | Percent complete: 32.5%; | Average loss: 1.1433 |
| Iteration: 1302; | Percent complete: 32.6%; | Average loss: 1.5400 |
| Iteration: 1303; | Percent complete: 32.6%; | Average loss: 1.2711 |
| Iteration: 1304; | Percent complete: 32.6%; | Average loss: 1.1169 |
| Iteration: 1305; | Percent complete: 32.6%; | Average loss: 1.4115 |
| Iteration: 1306; | Percent complete: 32.6%; | Average loss: 1.3591 |
| Iteration: 1307; | Percent complete: 32.7%; | Average loss: 1.1711 |
| Iteration: 1308; | Percent complete: 32.7%; | Average loss: 0.8745 |
| Iteration: 1309; | Percent complete: 32.7%; | Average loss: 1.3388 |
| Iteration: 1310; | Percent complete: 32.8%; | Average loss: 1.1294 |
| Iteration: 1311; | Percent complete: 32.8%; | Average loss: 1.2070 |
| Iteration: 1312; | Percent complete: 32.8%; | Average loss: 1.2226 |
| Iteration: 1313; | Percent complete: 32.8%; | Average loss: 1.3215 |
| Iteration: 1314; | Percent complete: 32.9%; | Average loss: 1.3399 |
| Iteration: 1315; | Percent complete: 32.9%; | Average loss: 1.2514 |
| Iteration: 1316; | Percent complete: 32.9%; | Average loss: 1.1690 |
| Iteration: 1317; | Percent complete: 32.9%; | Average loss: 1.3344 |
| Iteration: 1318; | Percent complete: 33.0%; | Average loss: 1.2501 |
| Iteration: 1319; | Percent complete: 33.0%; | Average loss: 1.1638 |
| Iteration: 1320; | Percent complete: 33.0%; | Average loss: 1.4379 |
| Iteration: 1321; | Percent complete: 33.0%; | Average loss: 1.1793 |
| Iteration: 1322; | Percent complete: 33.1%; | Average loss: 1.1477 |
| Iteration: 1323; | Percent complete: 33.1%; | Average loss: 1.1146 |
| Iteration: 1324; | Percent complete: 33.1%; | Average loss: 1.1635 |
| Iteration: 1325; | Percent complete: 33.1%; | Average loss: 1.2622 |
| Iteration: 1326; | Percent complete: 33.1%; | Average loss: 1.1957 |
| Iteration: 1327; | Percent complete: 33.2%; | Average loss: 1.2326 |
| Iteration: 1328; | Percent complete: 33.2%; | Average loss: 1.2738 |
| Iteration: 1329; | Percent complete: 33.2%; | Average loss: 1.1462 |
| Iteration: 1330; | Percent complete: 33.2%; | Average loss: 1.1694 |
| Iteration: 1331; | Percent complete: 33.3%; | Average loss: 1.3113 |
| Iteration: 1332; | Percent complete: 33.3%; | Average loss: 1.4033 |
| Iteration: 1333; | Percent complete: 33.3%; | Average loss: 1.2660 |
| Iteration: 1334; | Percent complete: 33.4%; | Average loss: 1.2275 |
| Iteration: 1335; | Percent complete: 33.4%; | Average loss: 1.1509 |
| Iteration: 1336; | Percent complete: 33.4%; | Average loss: 1.1860 |

Iteration: 1337; Percent complete: 33.4%; Average loss: 1.3185  
Iteration: 1338; Percent complete: 33.5%; Average loss: 1.3037  
Iteration: 1339; Percent complete: 33.5%; Average loss: 1.3936  
Iteration: 1340; Percent complete: 33.5%; Average loss: 1.0973  
Iteration: 1341; Percent complete: 33.5%; Average loss: 1.3128  
Iteration: 1342; Percent complete: 33.6%; Average loss: 1.4008  
Iteration: 1343; Percent complete: 33.6%; Average loss: 1.2807  
Iteration: 1344; Percent complete: 33.6%; Average loss: 1.1827  
Iteration: 1345; Percent complete: 33.6%; Average loss: 1.3006  
Iteration: 1346; Percent complete: 33.7%; Average loss: 1.1573  
Iteration: 1347; Percent complete: 33.7%; Average loss: 1.1968  
Iteration: 1348; Percent complete: 33.7%; Average loss: 1.1482  
Iteration: 1349; Percent complete: 33.7%; Average loss: 1.1938  
Iteration: 1350; Percent complete: 33.8%; Average loss: 1.4026  
Iteration: 1351; Percent complete: 33.8%; Average loss: 1.2253  
Iteration: 1352; Percent complete: 33.8%; Average loss: 1.0642  
Iteration: 1353; Percent complete: 33.8%; Average loss: 1.4348  
Iteration: 1354; Percent complete: 33.9%; Average loss: 1.1869  
Iteration: 1355; Percent complete: 33.9%; Average loss: 1.3492  
Iteration: 1356; Percent complete: 33.9%; Average loss: 1.1683  
Iteration: 1357; Percent complete: 33.9%; Average loss: 1.1756  
Iteration: 1358; Percent complete: 34.0%; Average loss: 1.2576  
Iteration: 1359; Percent complete: 34.0%; Average loss: 1.1916  
Iteration: 1360; Percent complete: 34.0%; Average loss: 1.5088  
Iteration: 1361; Percent complete: 34.0%; Average loss: 1.2678  
Iteration: 1362; Percent complete: 34.1%; Average loss: 1.1362  
Iteration: 1363; Percent complete: 34.1%; Average loss: 1.3484  
Iteration: 1364; Percent complete: 34.1%; Average loss: 1.2401  
Iteration: 1365; Percent complete: 34.1%; Average loss: 1.0856  
Iteration: 1366; Percent complete: 34.2%; Average loss: 1.3539  
Iteration: 1367; Percent complete: 34.2%; Average loss: 1.2355  
Iteration: 1368; Percent complete: 34.2%; Average loss: 1.2078  
Iteration: 1369; Percent complete: 34.2%; Average loss: 1.3449  
Iteration: 1370; Percent complete: 34.2%; Average loss: 1.5135  
Iteration: 1371; Percent complete: 34.3%; Average loss: 1.3893  
Iteration: 1372; Percent complete: 34.3%; Average loss: 1.0916  
Iteration: 1373; Percent complete: 34.3%; Average loss: 1.1403  
Iteration: 1374; Percent complete: 34.4%; Average loss: 1.3335  
Iteration: 1375; Percent complete: 34.4%; Average loss: 1.2612  
Iteration: 1376; Percent complete: 34.4%; Average loss: 1.5069  
Iteration: 1377; Percent complete: 34.4%; Average loss: 1.1858  
Iteration: 1378; Percent complete: 34.4%; Average loss: 1.5700  
Iteration: 1379; Percent complete: 34.5%; Average loss: 1.2353  
Iteration: 1380; Percent complete: 34.5%; Average loss: 1.2983  
Iteration: 1381; Percent complete: 34.5%; Average loss: 1.1371  
Iteration: 1382; Percent complete: 34.5%; Average loss: 1.3915  
Iteration: 1383; Percent complete: 34.6%; Average loss: 1.1644  
Iteration: 1384; Percent complete: 34.6%; Average loss: 1.2419  
Iteration: 1385; Percent complete: 34.6%; Average loss: 1.1861  
Iteration: 1386; Percent complete: 34.6%; Average loss: 1.3865  
Iteration: 1387; Percent complete: 34.7%; Average loss: 1.3794  
Iteration: 1388; Percent complete: 34.7%; Average loss: 1.3083  
Iteration: 1389; Percent complete: 34.7%; Average loss: 1.0749  
Iteration: 1390; Percent complete: 34.8%; Average loss: 1.2129  
Iteration: 1391; Percent complete: 34.8%; Average loss: 1.2581  
Iteration: 1392; Percent complete: 34.8%; Average loss: 1.2918  
Iteration: 1393; Percent complete: 34.8%; Average loss: 1.1768  
Iteration: 1394; Percent complete: 34.8%; Average loss: 1.2942  
Iteration: 1395; Percent complete: 34.9%; Average loss: 1.4198  
Iteration: 1396; Percent complete: 34.9%; Average loss: 0.9977  
Iteration: 1397; Percent complete: 34.9%; Average loss: 1.4343  
Iteration: 1398; Percent complete: 34.9%; Average loss: 1.1311  
Iteration: 1399; Percent complete: 35.0%; Average loss: 1.4439  
Iteration: 1400; Percent complete: 35.0%; Average loss: 1.0418  
Iteration: 1401; Percent complete: 35.0%; Average loss: 1.2935  
Iteration: 1402; Percent complete: 35.0%; Average loss: 1.4983  
Iteration: 1403; Percent complete: 35.1%; Average loss: 1.2125  
Iteration: 1404; Percent complete: 35.1%; Average loss: 0.9783  
Iteration: 1405; Percent complete: 35.1%; Average loss: 1.1750  
Iteration: 1406; Percent complete: 35.1%; Average loss: 1.3924  
Iteration: 1407; Percent complete: 35.2%; Average loss: 1.1345  
Iteration: 1408; Percent complete: 35.2%; Average loss: 1.2453  
Iteration: 1409; Percent complete: 35.2%; Average loss: 1.2068  
Iteration: 1410; Percent complete: 35.2%; Average loss: 1.2423  
Iteration: 1411; Percent complete: 35.3%; Average loss: 1.3233  
Iteration: 1412; Percent complete: 35.3%; Average loss: 1.4696  
Iteration: 1413; Percent complete: 35.3%; Average loss: 1.2139  
Iteration: 1414; Percent complete: 35.4%; Average loss: 1.3726  
Iteration: 1415; Percent complete: 35.4%; Average loss: 1.3415  
Iteration: 1416; Percent complete: 35.4%; Average loss: 1.1539  
Iteration: 1417; Percent complete: 35.4%; Average loss: 1.3130  
Iteration: 1418; Percent complete: 35.4%; Average loss: 1.4765  
Iteration: 1419; Percent complete: 35.5%; Average loss: 1.3826  
Iteration: 1420; Percent complete: 35.5%; Average loss: 1.3033  
Iteration: 1421; Percent complete: 35.5%; Average loss: 1.1797  
Iteration: 1422; Percent complete: 35.5%; Average loss: 1.2790  
Iteration: 1423; Percent complete: 35.6%; Average loss: 1.1440  
Iteration: 1424; Percent complete: 35.6%; Average loss: 1.0877  
Iteration: 1425; Percent complete: 35.6%; Average loss: 1.1414  
Iteration: 1426; Percent complete: 35.6%; Average loss: 1.1430  
Iteration: 1427; Percent complete: 35.7%; Average loss: 1.1862  
Iteration: 1428; Percent complete: 35.7%; Average loss: 1.3291







|            |       |                   |        |               |        |
|------------|-------|-------------------|--------|---------------|--------|
| Iteration: | 1611; | Percent complete: | 40.3%; | Average loss: | 1.0518 |
| Iteration: | 1612; | Percent complete: | 40.3%; | Average loss: | 1.3341 |
| Iteration: | 1613; | Percent complete: | 40.3%; | Average loss: | 1.3569 |
| Iteration: | 1614; | Percent complete: | 40.4%; | Average loss: | 1.3181 |
| Iteration: | 1615; | Percent complete: | 40.4%; | Average loss: | 1.3215 |
| Iteration: | 1616; | Percent complete: | 40.4%; | Average loss: | 1.3556 |
| Iteration: | 1617; | Percent complete: | 40.4%; | Average loss: | 1.2169 |
| Iteration: | 1618; | Percent complete: | 40.5%; | Average loss: | 1.1960 |
| Iteration: | 1619; | Percent complete: | 40.5%; | Average loss: | 1.1266 |
| Iteration: | 1620; | Percent complete: | 40.5%; | Average loss: | 1.1999 |
| Iteration: | 1621; | Percent complete: | 40.5%; | Average loss: | 1.1727 |
| Iteration: | 1622; | Percent complete: | 40.6%; | Average loss: | 1.1888 |
| Iteration: | 1623; | Percent complete: | 40.6%; | Average loss: | 1.3579 |
| Iteration: | 1624; | Percent complete: | 40.6%; | Average loss: | 1.2971 |
| Iteration: | 1625; | Percent complete: | 40.6%; | Average loss: | 1.2502 |
| Iteration: | 1626; | Percent complete: | 40.6%; | Average loss: | 1.2024 |
| Iteration: | 1627; | Percent complete: | 40.7%; | Average loss: | 1.5002 |
| Iteration: | 1628; | Percent complete: | 40.7%; | Average loss: | 1.0407 |
| Iteration: | 1629; | Percent complete: | 40.7%; | Average loss: | 1.2643 |
| Iteration: | 1630; | Percent complete: | 40.8%; | Average loss: | 1.1435 |
| Iteration: | 1631; | Percent complete: | 40.8%; | Average loss: | 1.2937 |
| Iteration: | 1632; | Percent complete: | 40.8%; | Average loss: | 1.1510 |
| Iteration: | 1633; | Percent complete: | 40.8%; | Average loss: | 1.2699 |
| Iteration: | 1634; | Percent complete: | 40.8%; | Average loss: | 1.3213 |
| Iteration: | 1635; | Percent complete: | 40.9%; | Average loss: | 1.2850 |
| Iteration: | 1636; | Percent complete: | 40.9%; | Average loss: | 1.2818 |
| Iteration: | 1637; | Percent complete: | 40.9%; | Average loss: | 1.1188 |
| Iteration: | 1638; | Percent complete: | 40.9%; | Average loss: | 1.1741 |
| Iteration: | 1639; | Percent complete: | 41.0%; | Average loss: | 1.3747 |
| Iteration: | 1640; | Percent complete: | 41.0%; | Average loss: | 1.2258 |
| Iteration: | 1641; | Percent complete: | 41.0%; | Average loss: | 1.1885 |
| Iteration: | 1642; | Percent complete: | 41.0%; | Average loss: | 1.0045 |
| Iteration: | 1643; | Percent complete: | 41.1%; | Average loss: | 1.2844 |
| Iteration: | 1644; | Percent complete: | 41.1%; | Average loss: | 1.2390 |
| Iteration: | 1645; | Percent complete: | 41.1%; | Average loss: | 1.2292 |
| Iteration: | 1646; | Percent complete: | 41.1%; | Average loss: | 1.0723 |
| Iteration: | 1647; | Percent complete: | 41.2%; | Average loss: | 1.0942 |
| Iteration: | 1648; | Percent complete: | 41.2%; | Average loss: | 1.3214 |
| Iteration: | 1649; | Percent complete: | 41.2%; | Average loss: | 1.0159 |
| Iteration: | 1650; | Percent complete: | 41.2%; | Average loss: | 1.4308 |
| Iteration: | 1651; | Percent complete: | 41.3%; | Average loss: | 1.2985 |
| Iteration: | 1652; | Percent complete: | 41.3%; | Average loss: | 1.2698 |
| Iteration: | 1653; | Percent complete: | 41.3%; | Average loss: | 1.3141 |
| Iteration: | 1654; | Percent complete: | 41.3%; | Average loss: | 1.2881 |
| Iteration: | 1655; | Percent complete: | 41.4%; | Average loss: | 1.1425 |
| Iteration: | 1656; | Percent complete: | 41.4%; | Average loss: | 1.2865 |
| Iteration: | 1657; | Percent complete: | 41.4%; | Average loss: | 1.2244 |
| Iteration: | 1658; | Percent complete: | 41.4%; | Average loss: | 1.3017 |
| Iteration: | 1659; | Percent complete: | 41.5%; | Average loss: | 1.5100 |
| Iteration: | 1660; | Percent complete: | 41.5%; | Average loss: | 1.1359 |
| Iteration: | 1661; | Percent complete: | 41.5%; | Average loss: | 0.9300 |
| Iteration: | 1662; | Percent complete: | 41.5%; | Average loss: | 1.1252 |
| Iteration: | 1663; | Percent complete: | 41.6%; | Average loss: | 1.1927 |
| Iteration: | 1664; | Percent complete: | 41.6%; | Average loss: | 1.3513 |
| Iteration: | 1665; | Percent complete: | 41.6%; | Average loss: | 1.5174 |
| Iteration: | 1666; | Percent complete: | 41.6%; | Average loss: | 1.2258 |
| Iteration: | 1667; | Percent complete: | 41.7%; | Average loss: | 1.4916 |
| Iteration: | 1668; | Percent complete: | 41.7%; | Average loss: | 1.3520 |
| Iteration: | 1669; | Percent complete: | 41.7%; | Average loss: | 1.1261 |
| Iteration: | 1670; | Percent complete: | 41.8%; | Average loss: | 1.2527 |
| Iteration: | 1671; | Percent complete: | 41.8%; | Average loss: | 1.3646 |
| Iteration: | 1672; | Percent complete: | 41.8%; | Average loss: | 1.3035 |
| Iteration: | 1673; | Percent complete: | 41.8%; | Average loss: | 1.3348 |
| Iteration: | 1674; | Percent complete: | 41.9%; | Average loss: | 1.3464 |
| Iteration: | 1675; | Percent complete: | 41.9%; | Average loss: | 1.4941 |
| Iteration: | 1676; | Percent complete: | 41.9%; | Average loss: | 1.2733 |
| Iteration: | 1677; | Percent complete: | 41.9%; | Average loss: | 1.1473 |
| Iteration: | 1678; | Percent complete: | 41.9%; | Average loss: | 1.2005 |
| Iteration: | 1679; | Percent complete: | 42.0%; | Average loss: | 1.1865 |
| Iteration: | 1680; | Percent complete: | 42.0%; | Average loss: | 1.2591 |
| Iteration: | 1681; | Percent complete: | 42.0%; | Average loss: | 1.3155 |
| Iteration: | 1682; | Percent complete: | 42.0%; | Average loss: | 1.1127 |
| Iteration: | 1683; | Percent complete: | 42.1%; | Average loss: | 1.2073 |
| Iteration: | 1684; | Percent complete: | 42.1%; | Average loss: | 1.3654 |
| Iteration: | 1685; | Percent complete: | 42.1%; | Average loss: | 1.1099 |
| Iteration: | 1686; | Percent complete: | 42.1%; | Average loss: | 1      |

Iteration: 1702; Percent complete: 42.5%; Average loss: 1.1957  
Iteration: 1703; Percent complete: 42.6%; Average loss: 1.1981  
Iteration: 1704; Percent complete: 42.6%; Average loss: 1.1614  
Iteration: 1705; Percent complete: 42.6%; Average loss: 1.2656  
Iteration: 1706; Percent complete: 42.6%; Average loss: 1.2914  
Iteration: 1707; Percent complete: 42.7%; Average loss: 1.2232  
Iteration: 1708; Percent complete: 42.7%; Average loss: 1.1754  
Iteration: 1709; Percent complete: 42.7%; Average loss: 1.2500  
Iteration: 1710; Percent complete: 42.8%; Average loss: 1.5272  
Iteration: 1711; Percent complete: 42.8%; Average loss: 1.4954  
Iteration: 1712; Percent complete: 42.8%; Average loss: 1.3882  
Iteration: 1713; Percent complete: 42.8%; Average loss: 1.2904  
Iteration: 1714; Percent complete: 42.9%; Average loss: 1.2482  
Iteration: 1715; Percent complete: 42.9%; Average loss: 1.0510  
Iteration: 1716; Percent complete: 42.9%; Average loss: 1.2175  
Iteration: 1717; Percent complete: 42.9%; Average loss: 1.4078  
Iteration: 1718; Percent complete: 43.0%; Average loss: 1.0671  
Iteration: 1719; Percent complete: 43.0%; Average loss: 1.1795  
Iteration: 1720; Percent complete: 43.0%; Average loss: 1.2070  
Iteration: 1721; Percent complete: 43.0%; Average loss: 1.4050  
Iteration: 1722; Percent complete: 43.0%; Average loss: 1.1211  
Iteration: 1723; Percent complete: 43.1%; Average loss: 1.2445  
Iteration: 1724; Percent complete: 43.1%; Average loss: 1.0587  
Iteration: 1725; Percent complete: 43.1%; Average loss: 1.3001  
Iteration: 1726; Percent complete: 43.1%; Average loss: 1.0447  
Iteration: 1727; Percent complete: 43.2%; Average loss: 1.3391  
Iteration: 1728; Percent complete: 43.2%; Average loss: 1.4010  
Iteration: 1729; Percent complete: 43.2%; Average loss: 1.2647  
Iteration: 1730; Percent complete: 43.2%; Average loss: 1.2772  
Iteration: 1731; Percent complete: 43.3%; Average loss: 1.1749  
Iteration: 1732; Percent complete: 43.3%; Average loss: 1.3185  
Iteration: 1733; Percent complete: 43.3%; Average loss: 1.1656  
Iteration: 1734; Percent complete: 43.4%; Average loss: 1.3705  
Iteration: 1735; Percent complete: 43.4%; Average loss: 1.3214  
Iteration: 1736; Percent complete: 43.4%; Average loss: 1.4236  
Iteration: 1737; Percent complete: 43.4%; Average loss: 1.0702  
Iteration: 1738; Percent complete: 43.5%; Average loss: 1.2324  
Iteration: 1739; Percent complete: 43.5%; Average loss: 1.2708  
Iteration: 1740; Percent complete: 43.5%; Average loss: 1.1471  
Iteration: 1741; Percent complete: 43.5%; Average loss: 1.0288  
Iteration: 1742; Percent complete: 43.5%; Average loss: 1.2404  
Iteration: 1743; Percent complete: 43.6%; Average loss: 0.9498  
Iteration: 1744; Percent complete: 43.6%; Average loss: 1.1841  
Iteration: 1745; Percent complete: 43.6%; Average loss: 1.0788  
Iteration: 1746; Percent complete: 43.6%; Average loss: 1.1789  
Iteration: 1747; Percent complete: 43.7%; Average loss: 1.3442  
Iteration: 1748; Percent complete: 43.7%; Average loss: 1.3719  
Iteration: 1749; Percent complete: 43.7%; Average loss: 1.0589  
Iteration: 1750; Percent complete: 43.8%; Average loss: 1.0348  
Iteration: 1751; Percent complete: 43.8%; Average loss: 0.9422  
Iteration: 1752; Percent complete: 43.8%; Average loss: 1.2664  
Iteration: 1753; Percent complete: 43.8%; Average loss: 1.1921  
Iteration: 1754; Percent complete: 43.9%; Average loss: 1.0716  
Iteration: 1755; Percent complete: 43.9%; Average loss: 1.0871  
Iteration: 1756; Percent complete: 43.9%; Average loss: 1.4814  
Iteration: 1757; Percent complete: 43.9%; Average loss: 1.0366  
Iteration: 1758; Percent complete: 44.0%; Average loss: 0.9260  
Iteration: 1759; Percent complete: 44.0%; Average loss: 1.3069  
Iteration: 1760; Percent complete: 44.0%; Average loss: 1.2297  
Iteration: 1761; Percent complete: 44.0%; Average loss: 1.3499  
Iteration: 1762; Percent complete: 44.0%; Average loss: 1.3689  
Iteration: 1763; Percent complete: 44.1%; Average loss: 1.1697  
Iteration: 1764; Percent complete: 44.1%; Average loss: 1.2670  
Iteration: 1765; Percent complete: 44.1%; Average loss: 1.1992  
Iteration: 1766; Percent complete: 44.1%; Average loss: 1.2530  
Iteration: 1767; Percent complete: 44.2%; Average loss: 1.3779  
Iteration: 1768; Percent complete: 44.2%; Average loss: 1.1784  
Iteration: 1769; Percent complete: 44.2%; Average loss: 1.1153  
Iteration: 1770; Percent complete: 44.2%; Average loss: 1.1660  
Iteration: 1771; Percent complete: 44.3%; Average loss: 1.4247  
Iteration: 1772; Percent complete: 44.3%; Average loss: 1.4013  
Iteration: 1773; Percent complete: 44.3%; Average loss: 1.2400  
Iteration: 1774; Percent complete: 44.4%; Average loss: 1.1640  
Iteration: 1775; Percent complete: 44.4%; Average loss: 1.2610  
Iteration: 1776; Percent complete: 44.4%; Average loss: 1.2164  
Iteration: 1777; Percent complete: 44.4%; Average loss: 1.2419  
Iteration: 1778; Percent complete: 44.5%; Average loss: 1.1732  
Iteration: 1779; Percent complete: 44.5%; Average loss: 1.2030  
Iteration: 1780; Percent complete: 44.5%; Average loss: 1.1194  
Iteration: 1781; Percent complete: 44.5%; Average loss: 1.0924  
Iteration: 1782; Percent complete: 44.5%; Average loss: 1.3030  
Iteration: 1783; Percent complete: 44.6%; Average loss: 0.9584  
Iteration: 1784; Percent complete: 44.6%; Average loss: 1.2303  
Iteration: 1785; Percent complete: 44.6%; Average loss: 1.1418  
Iteration: 1786; Percent complete: 44.6%; Average loss: 1.2603  
Iteration: 1787; Percent complete: 44.7%; Average loss: 1.3522  
Iteration: 1788; Percent complete: 44.7%; Average loss: 1.2308  
Iteration: 1789; Percent complete: 44.7%; Average loss: 1.1917  
Iteration: 1790; Percent complete: 44.8%; Average loss: 1.3592  
Iteration: 1791; Percent complete: 44.8%; Average loss: 1.3267  
Iteration: 1792; Percent complete: 44.8%; Average loss: 1.1650  
Iteration: 1793; Percent complete: 44.8%; Average loss: 1.2355

|                  |                   |        |               |        |
|------------------|-------------------|--------|---------------|--------|
| Iteration: 1794; | Percent complete: | 44.9%; | Average loss: | 1.1613 |
| Iteration: 1795; | Percent complete: | 44.9%; | Average loss: | 1.1330 |
| Iteration: 1796; | Percent complete: | 44.9%; | Average loss: | 1.2463 |
| Iteration: 1797; | Percent complete: | 44.9%; | Average loss: | 1.3966 |
| Iteration: 1798; | Percent complete: | 45.0%; | Average loss: | 1.3840 |
| Iteration: 1799; | Percent complete: | 45.0%; | Average loss: | 1.3035 |
| Iteration: 1800; | Percent complete: | 45.0%; | Average loss: | 1.3263 |
| Iteration: 1801; | Percent complete: | 45.0%; | Average loss: | 1.5794 |
| Iteration: 1802; | Percent complete: | 45.1%; | Average loss: | 1.2116 |
| Iteration: 1803; | Percent complete: | 45.1%; | Average loss: | 1.2223 |
| Iteration: 1804; | Percent complete: | 45.1%; | Average loss: | 1.1385 |
| Iteration: 1805; | Percent complete: | 45.1%; | Average loss: | 1.1533 |
| Iteration: 1806; | Percent complete: | 45.1%; | Average loss: | 1.1308 |
| Iteration: 1807; | Percent complete: | 45.2%; | Average loss: | 1.1347 |
| Iteration: 1808; | Percent complete: | 45.2%; | Average loss: | 1.2911 |
| Iteration: 1809; | Percent complete: | 45.2%; | Average loss: | 1.1207 |
| Iteration: 1810; | Percent complete: | 45.2%; | Average loss: | 1.2152 |
| Iteration: 1811; | Percent complete: | 45.3%; | Average loss: | 1.4890 |
| Iteration: 1812; | Percent complete: | 45.3%; | Average loss: | 1.1955 |
| Iteration: 1813; | Percent complete: | 45.3%; | Average loss: | 1.2562 |
| Iteration: 1814; | Percent complete: | 45.4%; | Average loss: | 1.2657 |
| Iteration: 1815; | Percent complete: | 45.4%; | Average loss: | 1.1587 |
| Iteration: 1816; | Percent complete: | 45.4%; | Average loss: | 1.2782 |
| Iteration: 1817; | Percent complete: | 45.4%; | Average loss: | 1.3084 |
| Iteration: 1818; | Percent complete: | 45.5%; | Average loss: | 1.2772 |
| Iteration: 1819; | Percent complete: | 45.5%; | Average loss: | 1.0900 |
| Iteration: 1820; | Percent complete: | 45.5%; | Average loss: | 1.1326 |
| Iteration: 1821; | Percent complete: | 45.5%; | Average loss: | 1.0280 |
| Iteration: 1822; | Percent complete: | 45.6%; | Average loss: | 1.2904 |
| Iteration: 1823; | Percent complete: | 45.6%; | Average loss: | 1.2988 |
| Iteration: 1824; | Percent complete: | 45.6%; | Average loss: | 1.3296 |
| Iteration: 1825; | Percent complete: | 45.6%; | Average loss: | 1.0970 |
| Iteration: 1826; | Percent complete: | 45.6%; | Average loss: | 1.3167 |
| Iteration: 1827; | Percent complete: | 45.7%; | Average loss: | 1.4125 |
| Iteration: 1828; | Percent complete: | 45.7%; | Average loss: | 1.4394 |
| Iteration: 1829; | Percent complete: | 45.7%; | Average loss: | 0.9707 |
| Iteration: 1830; | Percent complete: | 45.8%; | Average loss: | 1.3466 |
| Iteration: 1831; | Percent complete: | 45.8%; | Average loss: | 1.0485 |
| Iteration: 1832; | Percent complete: | 45.8%; | Average loss: | 1.0868 |
| Iteration: 1833; | Percent complete: | 45.8%; | Average loss: | 1.0498 |
| Iteration: 1834; | Percent complete: | 45.9%; | Average loss: | 1.2274 |
| Iteration: 1835; | Percent complete: | 45.9%; | Average loss: | 1.2308 |
| Iteration: 1836; | Percent complete: | 45.9%; | Average loss: | 1.1546 |
| Iteration: 1837; | Percent complete: | 45.9%; | Average loss: | 1.3955 |
| Iteration: 1838; | Percent complete: | 46.0%; | Average loss: | 1.1222 |
| Iteration: 1839; | Percent complete: | 46.0%; | Average loss: | 1.2529 |
| Iteration: 1840; | Percent complete: | 46.0%; | Average loss: | 1.0744 |
| Iteration: 1841; | Percent complete: | 46.0%; | Average loss: | 1.0345 |
| Iteration: 1842; | Percent complete: | 46.1%; | Average loss: | 1.2387 |
| Iteration: 1843; | Percent complete: | 46.1%; | Average loss: | 1.2512 |
| Iteration: 1844; | Percent complete: | 46.1%; | Average loss: | 1.2216 |
| Iteration: 1845; | Percent complete: | 46.1%; | Average loss: | 1.1466 |
| Iteration: 1846; | Percent complete: | 46.2%; | Average loss: | 1.1842 |
| Iteration: 1847; | Percent complete: | 46.2%; | Average loss: | 1.1523 |
| Iteration: 1848; | Percent complete: | 46.2%; | Average loss: | 1.2995 |
| Iteration: 1849; | Percent complete: | 46.2%; | Average loss: | 1.2904 |
| Iteration: 1850; | Percent complete: | 46.2%; | Average loss: | 1.1433 |
| Iteration: 1851; | Percent complete: | 46.3%; | Average loss: | 1.1724 |
| Iteration: 1852; | Percent complete: | 46.3%; | Average loss: | 1.2236 |
| Iteration: 1853; | Percent complete: | 46.3%; | Average loss: | 1.2575 |
| Iteration: 1854; | Percent complete: | 46.4%; | Average loss: | 1.3016 |
| Iteration: 1855; | Percent complete: | 46.4%; | Average loss: | 1.3293 |
| Iteration: 1856; | Percent complete: | 46.4%; | Average loss: | 1.2595 |
| Iteration: 1857; | Percent complete: | 46.4%; | Average loss: | 1.2493 |
| Iteration: 1858; | Percent complete: | 46.5%; | Average loss: | 1.3184 |
| Iteration: 1859; | Percent complete: | 46.5%; | Average loss: | 1.3727 |
| Iteration: 1860; | Percent complete: | 46.5%; | Average loss: | 1.2668 |
| Iteration: 1861; | Percent complete: | 46.5%; | Average loss: | 1.3976 |
| Iteration: 1862; | Percent complete: | 46.6%; | Average loss: | 1.4256 |
| Iteration: 1863; | Percent complete: | 46.6%; | Average loss: | 1.2896 |
| Iteration: 1864; | Percent complete: | 46.6%; | Average loss: | 1.3176 |
| Iteration: 1865; | Percent complete: | 46.6%; | Average loss: | 1.3484 |
| Iteration: 1866; | Percent complete: | 46.7%; | Average loss: | 1.3204 |
| Iteration: 1867; | Percent complete: | 46.7%; | Average loss: | 1.3903 |
| Iteration: 1868; | Percent complete: | 46.7%; | Average loss: | 1.1982 |
| Iteration: 1869; | Percent complete: | 46.7%; | Average loss: | 1.1517 |
| Iteration: 1870; | Percent complete: | 46.8%; | Average loss: | 1.1924 |
| Iteration: 1871; | Percent complete: | 46.8%; | Average loss: | 1.3334 |
| Iteration: 1872; | Percent complete: | 46.8%; | Average loss: | 1.4366 |
| Iteration: 1873; | Percent complete: | 46.8%; | Average loss: | 1.0146 |
| Iteration: 1874; |                   |        |               |        |

|            |       |         |           |        |         |       |        |
|------------|-------|---------|-----------|--------|---------|-------|--------|
| Iteration: | 1885; | Percent | complete: | 47.1%; | Average | loss: | 1.1770 |
| Iteration: | 1886; | Percent | complete: | 47.1%; | Average | loss: | 1.2713 |
| Iteration: | 1887; | Percent | complete: | 47.2%; | Average | loss: | 1.2615 |
| Iteration: | 1888; | Percent | complete: | 47.2%; | Average | loss: | 1.2759 |
| Iteration: | 1889; | Percent | complete: | 47.2%; | Average | loss: | 1.2937 |
| Iteration: | 1890; | Percent | complete: | 47.2%; | Average | loss: | 1.1625 |
| Iteration: | 1891; | Percent | complete: | 47.3%; | Average | loss: | 1.2126 |
| Iteration: | 1892; | Percent | complete: | 47.3%; | Average | loss: | 1.3367 |
| Iteration: | 1893; | Percent | complete: | 47.3%; | Average | loss: | 1.2788 |
| Iteration: | 1894; | Percent | complete: | 47.3%; | Average | loss: | 1.0866 |
| Iteration: | 1895; | Percent | complete: | 47.4%; | Average | loss: | 1.1183 |
| Iteration: | 1896; | Percent | complete: | 47.4%; | Average | loss: | 1.1249 |
| Iteration: | 1897; | Percent | complete: | 47.4%; | Average | loss: | 1.2500 |
| Iteration: | 1898; | Percent | complete: | 47.4%; | Average | loss: | 1.2405 |
| Iteration: | 1899; | Percent | complete: | 47.5%; | Average | loss: | 1.2754 |
| Iteration: | 1900; | Percent | complete: | 47.5%; | Average | loss: | 1.4335 |
| Iteration: | 1901; | Percent | complete: | 47.5%; | Average | loss: | 1.2363 |
| Iteration: | 1902; | Percent | complete: | 47.5%; | Average | loss: | 1.0072 |
| Iteration: | 1903; | Percent | complete: | 47.6%; | Average | loss: | 1.0243 |
| Iteration: | 1904; | Percent | complete: | 47.6%; | Average | loss: | 1.0366 |
| Iteration: | 1905; | Percent | complete: | 47.6%; | Average | loss: | 0.9769 |
| Iteration: | 1906; | Percent | complete: | 47.6%; | Average | loss: | 1.3455 |
| Iteration: | 1907; | Percent | complete: | 47.7%; | Average | loss: | 1.2457 |
| Iteration: | 1908; | Percent | complete: | 47.7%; | Average | loss: | 1.0845 |
| Iteration: | 1909; | Percent | complete: | 47.7%; | Average | loss: | 1.1146 |
| Iteration: | 1910; | Percent | complete: | 47.8%; | Average | loss: | 1.1684 |
| Iteration: | 1911; | Percent | complete: | 47.8%; | Average | loss: | 1.2858 |
| Iteration: | 1912; | Percent | complete: | 47.8%; | Average | loss: | 1.0248 |
| Iteration: | 1913; | Percent | complete: | 47.8%; | Average | loss: | 1.1226 |
| Iteration: | 1914; | Percent | complete: | 47.9%; | Average | loss: | 1.2377 |
| Iteration: | 1915; | Percent | complete: | 47.9%; | Average | loss: | 1.3872 |
| Iteration: | 1916; | Percent | complete: | 47.9%; | Average | loss: | 1.2569 |
| Iteration: | 1917; | Percent | complete: | 47.9%; | Average | loss: | 1.2976 |
| Iteration: | 1918; | Percent | complete: | 47.9%; | Average | loss: | 1.0770 |
| Iteration: | 1919; | Percent | complete: | 48.0%; | Average | loss: | 1.2087 |
| Iteration: | 1920; | Percent | complete: | 48.0%; | Average | loss: | 1.2262 |
| Iteration: | 1921; | Percent | complete: | 48.0%; | Average | loss: | 1.3209 |
| Iteration: | 1922; | Percent | complete: | 48.0%; | Average | loss: | 1.2598 |
| Iteration: | 1923; | Percent | complete: | 48.1%; | Average | loss: | 1.3723 |
| Iteration: | 1924; | Percent | complete: | 48.1%; | Average | loss: | 1.0569 |
| Iteration: | 1925; | Percent | complete: | 48.1%; | Average | loss: | 1.3316 |
| Iteration: | 1926; | Percent | complete: | 48.1%; | Average | loss: | 1.1248 |
| Iteration: | 1927; | Percent | complete: | 48.2%; | Average | loss: | 1.3104 |
| Iteration: | 1928; | Percent | complete: | 48.2%; | Average | loss: | 1.1756 |
| Iteration: | 1929; | Percent | complete: | 48.2%; | Average | loss: | 1.2845 |
| Iteration: | 1930; | Percent | complete: | 48.2%; | Average | loss: | 1.0817 |
| Iteration: | 1931; | Percent | complete: | 48.3%; | Average | loss: | 1.0325 |
| Iteration: | 1932; | Percent | complete: | 48.3%; | Average | loss: | 1.2145 |
| Iteration: | 1933; | Percent | complete: | 48.3%; | Average | loss: | 1.5634 |
| Iteration: | 1934; | Percent | complete: | 48.4%; | Average | loss: | 1.2322 |
| Iteration: | 1935; | Percent | complete: | 48.4%; | Average | loss: | 1.1563 |
| Iteration: | 1936; | Percent | complete: | 48.4%; | Average | loss: | 1.5168 |
| Iteration: | 1937; | Percent | complete: | 48.4%; | Average | loss: | 1.1656 |
| Iteration: | 1938; | Percent | complete: | 48.4%; | Average | loss: | 1.2553 |
| Iteration: | 1939; | Percent | complete: | 48.5%; | Average | loss: | 1.3053 |
| Iteration: | 1940; | Percent | complete: | 48.5%; | Average | loss: | 1.0775 |
| Iteration: | 1941; | Percent | complete: | 48.5%; | Average | loss: | 1.0932 |
| Iteration: | 1942; | Percent | complete: | 48.5%; | Average | loss: | 1.3632 |
| Iteration: | 1943; | Percent | complete: | 48.6%; | Average | loss: | 1.0233 |
| Iteration: | 1944; | Percent | complete: | 48.6%; | Average | loss: | 1.2818 |
| Iteration: | 1945; | Percent | complete: | 48.6%; | Average | loss: | 1.3916 |
| Iteration: | 1946; | Percent | complete: | 48.6%; | Average | loss: | 1.1537 |
| Iteration: | 1947; | Percent | complete: | 48.7%; | Average | loss: | 1.1807 |
| Iteration: | 1948; | Percent | complete: | 48.7%; | Average | loss: | 1.3337 |



|            |       |         |           |        |         |       |        |
|------------|-------|---------|-----------|--------|---------|-------|--------|
| Iteration: | 2067; | Percent | complete: | 51.7%; | Average | loss: | 1.2389 |
| Iteration: | 2068; | Percent | complete: | 51.7%; | Average | loss: | 1.4037 |
| Iteration: | 2069; | Percent | complete: | 51.7%; | Average | loss: | 1.1187 |
| Iteration: | 2070; | Percent | complete: | 51.7%; | Average | loss: | 1.4868 |
| Iteration: | 2071; | Percent | complete: | 51.8%; | Average | loss: | 1.3117 |
| Iteration: | 2072; | Percent | complete: | 51.8%; | Average | loss: | 1.2127 |
| Iteration: | 2073; | Percent | complete: | 51.8%; | Average | loss: | 1.2197 |
| Iteration: | 2074; | Percent | complete: | 51.8%; | Average | loss: | 1.0717 |
| Iteration: | 2075; | Percent | complete: | 51.9%; | Average | loss: | 1.2437 |
| Iteration: | 2076; | Percent | complete: | 51.9%; | Average | loss: | 1.3057 |
| Iteration: | 2077; | Percent | complete: | 51.9%; | Average | loss: | 1.3080 |
| Iteration: | 2078; | Percent | complete: | 51.9%; | Average | loss: | 1.2757 |
| Iteration: | 2079; | Percent | complete: | 52.0%; | Average | loss: | 1.2497 |
| Iteration: | 2080; | Percent | complete: | 52.0%; | Average | loss: | 1.2337 |
| Iteration: | 2081; | Percent | complete: | 52.0%; | Average | loss: | 1.0937 |
| Iteration: | 2082; | Percent | complete: | 52.0%; | Average | loss: | 1.0647 |
| Iteration: | 2083; | Percent | complete: | 52.1%; | Average | loss: | 1.1407 |
| Iteration: | 2084; | Percent | complete: | 52.1%; | Average | loss: | 1.2647 |
| Iteration: | 2085; | Percent | complete: | 52.1%; | Average | loss: | 1.4157 |
| Iteration: | 2086; | Percent | complete: | 52.1%; | Average | loss: | 1.1817 |
| Iteration: | 2087; | Percent | complete: | 52.2%; | Average | loss: | 1.3567 |
| Iteration: | 2088; | Percent | complete: | 52.2%; | Average | loss: | 1.3317 |
| Iteration: | 2089; | Percent | complete: | 52.2%; | Average | loss: | 1.3707 |
| Iteration: | 2090; | Percent | complete: | 52.2%; | Average | loss: | 1.3267 |
| Iteration: | 2091; | Percent | complete: | 52.3%; | Average | loss: | 1.1747 |
| Iteration: | 2092; | Percent | complete: | 52.3%; | Average | loss: | 1.2077 |
| Iteration: | 2093; | Percent | complete: | 52.3%; | Average | loss: | 1.2277 |
| Iteration: | 2094; | Percent | complete: | 52.3%; | Average | loss: | 0.9697 |
| Iteration: | 2095; | Percent | complete: | 52.4%; | Average | loss: | 1.2537 |
| Iteration: | 2096; | Percent | complete: | 52.4%; | Average | loss: | 1.1567 |
| Iteration: | 2097; | Percent | complete: | 52.4%; | Average | loss: | 1.3237 |
| Iteration: | 2098; | Percent | complete: | 52.4%; | Average | loss: | 1.2977 |
| Iteration: | 2099; | Percent | complete: | 52.5%; | Average | loss: | 1.4017 |
| Iteration: | 2100; | Percent | complete: | 52.5%; | Average | loss: | 1.2737 |
| Iteration: | 2101; | Percent | complete: | 52.5%; | Average | loss: | 1.4667 |
| Iteration: | 2102; | Percent | complete: | 52.5%; | Average | loss: | 1.2177 |
| Iteration: | 2103; | Percent | complete: | 52.6%; | Average | loss: | 1.1037 |
| Iteration: | 2104; | Percent | complete: | 52.6%; | Average | loss: | 1.3877 |
| Iteration: | 2105; | Percent | complete: | 52.6%; | Average | loss: | 1.3257 |
| Iteration: | 2106; | Percent | complete: | 52.6%; | Average | loss: | 1.3247 |
| Iteration: | 2107; | Percent | complete: | 52.7%; | Average | loss: | 1.3977 |
| Iteration: | 2108; | Percent | complete: | 52.7%; | Average | loss: | 1.2737 |
| Iteration: | 2109; | Percent | complete: | 52.7%; | Average | loss: | 1.2247 |
| Iteration: | 2110; | Percent | complete: | 52.8%; | Average | loss: | 1.3677 |
| Iteration: | 2111; | Percent | complete: | 52.8%; | Average | loss: | 1.3007 |
| Iteration: | 2112; | Percent | complete: | 52.8%; | Average | loss: | 1.2137 |
| Iteration: | 2113; | Percent | complete: | 52.8%; | Average | loss: | 1.2287 |
| Iteration: | 2114; | Percent | complete: | 52.8%; | Average | loss: | 1.1967 |
| Iteration: | 2115; | Percent | complete: | 52.9%; | Average | loss: | 1.3967 |
| Iteration: | 2116; | Percent | complete: | 52.9%; | Average | loss: | 1.3227 |
| Iteration: | 2117; | Percent | complete: | 52.9%; | Average | loss: | 1.5227 |
| Iteration: | 2118; | Percent | complete: | 52.9%; | Average | loss: | 1.2487 |
| Iteration: | 2119; | Percent | complete: | 53.0%; | Average | loss: | 1.1527 |
| Iteration: | 2120; | Percent | complete: | 53.0%; | Average | loss: | 1.2977 |
| Iteration: | 2121; | Percent | complete: | 53.0%; | Average | loss: | 1.3937 |
| Iteration: | 2122; | Percent | complete: | 53.0%; | Average | loss: | 0.9777 |
| Iteration: | 2123; | Percent | complete: | 53.1%; | Average | loss: | 1.2707 |
| Iteration: | 2124; | Percent | complete: | 53.1%; | Average | loss: | 1.4107 |
| Iteration: | 2125; | Percent | complete: | 53.1%; | Average | loss: | 1.3077 |
| Iteration: | 2126; | Percent | complete: | 53.1%; | Average | loss: | 1.0487 |
| Iteration: | 2127; | Percent | complete: | 53.2%; | Average | loss: | 1.3337 |
| Iteration: | 2128; | Percent | complete: | 53.2%; | Average | loss: | 1.2057 |
| Iteration: | 2129; | Percent | complete: | 53.2%; | Average | loss: | 1.2677 |
| Iteration: | 2130; | Percent | complete: | 53.2%; | Average | loss: | 1.1597 |



|            |       |         |           |        |         |       |        |
|------------|-------|---------|-----------|--------|---------|-------|--------|
| Iteration: | 2159; | Percent | complete: | 54.0%; | Average | loss: | 1.1860 |
| Iteration: | 2160; | Percent | complete: | 54.0%; | Average | loss: | 1.2227 |
| Iteration: | 2161; | Percent | complete: | 54.0%; | Average | loss: | 1.2047 |
| Iteration: | 2162; | Percent | complete: | 54.0%; | Average | loss: | 1.2325 |
| Iteration: | 2163; | Percent | complete: | 54.1%; | Average | loss: | 1.1945 |
| Iteration: | 2164; | Percent | complete: | 54.1%; | Average | loss: | 1.2785 |
| Iteration: | 2165; | Percent | complete: | 54.1%; | Average | loss: | 1.2938 |
| Iteration: | 2166; | Percent | complete: | 54.1%; | Average | loss: | 1.0209 |
| Iteration: | 2167; | Percent | complete: | 54.2%; | Average | loss: | 1.3193 |
| Iteration: | 2168; | Percent | complete: | 54.2%; | Average | loss: | 1.2294 |
| Iteration: | 2169; | Percent | complete: | 54.2%; | Average | loss: | 1.5195 |
| Iteration: | 2170; | Percent | complete: | 54.2%; | Average | loss: | 1.2927 |
| Iteration: | 2171; | Percent | complete: | 54.3%; | Average | loss: | 1.2025 |
| Iteration: | 2172; | Percent | complete: | 54.3%; | Average | loss: | 1.2899 |
| Iteration: | 2173; | Percent | complete: | 54.3%; | Average | loss: | 1.2725 |
| Iteration: | 2174; | Percent | complete: | 54.4%; | Average | loss: | 1.2851 |
| Iteration: | 2175; | Percent | complete: | 54.4%; | Average | loss: | 1.3235 |
| Iteration: | 2176; | Percent | complete: | 54.4%; | Average | loss: | 1.1445 |
| Iteration: | 2177; | Percent | complete: | 54.4%; | Average | loss: | 1.3054 |
| Iteration: | 2178; | Percent | complete: | 54.4%; | Average | loss: | 1.5313 |
| Iteration: | 2179; | Percent | complete: | 54.5%; | Average | loss: | 1.1477 |
| Iteration: | 2180; | Percent | complete: | 54.5%; | Average | loss: | 1.1307 |
| Iteration: | 2181; | Percent | complete: | 54.5%; | Average | loss: | 1.2525 |
| Iteration: | 2182; | Percent | complete: | 54.5%; | Average | loss: | 1.1958 |
| Iteration: | 2183; | Percent | complete: | 54.6%; | Average | loss: | 1.2693 |
| Iteration: | 2184; | Percent | complete: | 54.6%; | Average | loss: | 1.3554 |
| Iteration: | 2185; | Percent | complete: | 54.6%; | Average | loss: | 1.3483 |
| Iteration: | 2186; | Percent | complete: | 54.6%; | Average | loss: | 1.1403 |
| Iteration: | 2187; | Percent | complete: | 54.7%; | Average | loss: | 1.2007 |
| Iteration: | 2188; | Percent | complete: | 54.7%; | Average | loss: | 1.4297 |
| Iteration: | 2189; | Percent | complete: | 54.7%; | Average | loss: | 1.1636 |
| Iteration: | 2190; | Percent | complete: | 54.8%; | Average | loss: | 1.4207 |
| Iteration: | 2191; | Percent | complete: | 54.8%; | Average | loss: | 1.1153 |
| Iteration: | 2192; | Percent | complete: | 54.8%; | Average | loss: | 1.2523 |
| Iteration: | 2193; | Percent | complete: | 54.8%; | Average | loss: | 1.1704 |
| Iteration: | 2194; | Percent | complete: | 54.9%; | Average | loss: | 1.1120 |
| Iteration: | 2195; | Percent | complete: | 54.9%; | Average | loss: | 1.1472 |
| Iteration: | 2196; | Percent | complete: | 54.9%; | Average | loss: | 1.2859 |
| Iteration: | 2197; | Percent | complete: | 54.9%; | Average | loss: | 1.2636 |
| Iteration: | 2198; | Percent | complete: | 54.9%; | Average | loss: | 1.0397 |
| Iteration: | 2199; | Percent | complete: | 55.0%; | Average | loss: | 1.0986 |
| Iteration: | 2200; | Percent | complete: | 55.0%; | Average | loss: | 1.1716 |
| Iteration: | 2201; | Percent | complete: | 55.0%; | Average | loss: | 1.2416 |
| Iteration: | 2202; | Percent | complete: | 55.0%; | Average | loss: | 1.0943 |
| Iteration: | 2203; | Percent | complete: | 55.1%; | Average | loss: | 1.4670 |
| Iteration: | 2204; | Percent | complete: | 55.1%; | Average | loss: | 1.2326 |
| Iteration: | 2205; | Percent | complete: | 55.1%; | Average | loss: | 1.2195 |
| Iteration: | 2206; | Percent | complete: | 55.1%; | Average | loss: | 1.1143 |
| Iteration: | 2207; | Percent | complete: | 55.2%; | Average | loss: | 1.2475 |
| Iteration: | 2208; | Percent | complete: | 55.2%; | Average | loss: | 1.0863 |
| Iteration: | 2209; | Percent | complete: | 55.2%; | Average | loss: | 1.1327 |
| Iteration: | 2210; | Percent | complete: | 55.2%; | Average | loss: | 1.2207 |
| Iteration: | 2211; | Percent | complete: | 55.3%; | Average | loss: | 1.3546 |
| Iteration: | 2212; | Percent | complete: | 55.3%; | Average | loss: | 1.1583 |
| Iteration: | 2213; | Percent | complete: | 55.3%; | Average | loss: | 1.2255 |
| Iteration: | 2214; | Percent | complete: | 55.4%; | Average | loss: | 1.2246 |
| Iteration: | 2215; | Percent | complete: | 55.4%; | Average | loss: | 1.4215 |
| Iteration: | 2216; | Percent | complete: | 55.4%; | Average | loss: | 1.1602 |
| Iteration: | 2217; | Percent | complete: | 55.4%; | Average | loss: | 1.5613 |
| Iteration: | 2218; | Percent | complete: | 55.5%; | Average | loss: | 1.3033 |
| Iteration: | 2219; | Percent | complete: | 55.5%; | Average | loss: | 1.2183 |
| Iteration: | 2220; | Percent | complete: | 55.5%; | Average | loss: | 1.2646 |
| Iteration: | 2221; | Percent | complete: | 55.5%; | Average | loss: | 1.2017 |
| Iteration: | 2222; | Percent | complete: | 55.5%; | Average | loss: | 1.4085 |





Iteration: 2432; Percent complete: 60.8%; Average loss: 1.3544  
Iteration: 2433; Percent complete: 60.8%; Average loss: 1.1239  
Iteration: 2434; Percent complete: 60.9%; Average loss: 1.2158  
Iteration: 2435; Percent complete: 60.9%; Average loss: 1.3527  
Iteration: 2436; Percent complete: 60.9%; Average loss: 0.8836  
Iteration: 2437; Percent complete: 60.9%; Average loss: 1.1833  
Iteration: 2438; Percent complete: 61.0%; Average loss: 1.3774  
Iteration: 2439; Percent complete: 61.0%; Average loss: 1.1270  
Iteration: 2440; Percent complete: 61.0%; Average loss: 1.5427  
Iteration: 2441; Percent complete: 61.0%; Average loss: 1.4593  
Iteration: 2442; Percent complete: 61.1%; Average loss: 1.4741  
Iteration: 2443; Percent complete: 61.1%; Average loss: 1.1914  
Iteration: 2444; Percent complete: 61.1%; Average loss: 1.1637  
Iteration: 2445; Percent complete: 61.1%; Average loss: 1.1594  
Iteration: 2446; Percent complete: 61.2%; Average loss: 1.4322  
Iteration: 2447; Percent complete: 61.2%; Average loss: 1.3319  
Iteration: 2448; Percent complete: 61.2%; Average loss: 1.0564  
Iteration: 2449; Percent complete: 61.2%; Average loss: 1.2974  
Iteration: 2450; Percent complete: 61.3%; Average loss: 1.1685  
Iteration: 2451; Percent complete: 61.3%; Average loss: 1.2047  
Iteration: 2452; Percent complete: 61.3%; Average loss: 1.1633  
Iteration: 2453; Percent complete: 61.3%; Average loss: 1.1819  
Iteration: 2454; Percent complete: 61.4%; Average loss: 1.3058  
Iteration: 2455; Percent complete: 61.4%; Average loss: 1.3830  
Iteration: 2456; Percent complete: 61.4%; Average loss: 1.2073  
Iteration: 2457; Percent complete: 61.4%; Average loss: 1.0953  
Iteration: 2458; Percent complete: 61.5%; Average loss: 1.2413  
Iteration: 2459; Percent complete: 61.5%; Average loss: 1.2925  
Iteration: 2460; Percent complete: 61.5%; Average loss: 1.3711  
Iteration: 2461; Percent complete: 61.5%; Average loss: 1.3525  
Iteration: 2462; Percent complete: 61.6%; Average loss: 1.2838  
Iteration: 2463; Percent complete: 61.6%; Average loss: 1.1350  
Iteration: 2464; Percent complete: 61.6%; Average loss: 1.3818  
Iteration: 2465; Percent complete: 61.6%; Average loss: 1.0521  
Iteration: 2466; Percent complete: 61.7%; Average loss: 1.3048  
Iteration: 2467; Percent complete: 61.7%; Average loss: 1.3076  
Iteration: 2468; Percent complete: 61.7%; Average loss: 1.2161  
Iteration: 2469; Percent complete: 61.7%; Average loss: 1.1270  
Iteration: 2470; Percent complete: 61.8%; Average loss: 1.2062  
Iteration: 2471; Percent complete: 61.8%; Average loss: 1.3204  
Iteration: 2472; Percent complete: 61.8%; Average loss: 0.9903  
Iteration: 2473; Percent complete: 61.8%; Average loss: 1.1780  
Iteration: 2474; Percent complete: 61.9%; Average loss: 1.1738  
Iteration: 2475; Percent complete: 61.9%; Average loss: 1.2812  
Iteration: 2476; Percent complete: 61.9%; Average loss: 1.2496  
Iteration: 2477; Percent complete: 61.9%; Average loss: 1.0743  
Iteration: 2478; Percent complete: 62.0%; Average loss: 1.1940  
Iteration: 2479; Percent complete: 62.0%; Average loss: 1.3336  
Iteration: 2480; Percent complete: 62.0%; Average loss: 1.1381  
Iteration: 2481; Percent complete: 62.0%; Average loss: 1.2264  
Iteration: 2482; Percent complete: 62.1%; Average loss: 1.1008  
Iteration: 2483; Percent complete: 62.1%; Average loss: 1.2932  
Iteration: 2484; Percent complete: 62.1%; Average loss: 1.2894  
Iteration: 2485; Percent complete: 62.1%; Average loss: 1.2782  
Iteration: 2486; Percent complete: 62.2%; Average loss: 1.3273  
Iteration: 2487; Percent complete: 62.2%; Average loss: 1.1755  
Iteration: 2488; Percent complete: 62.2%; Average loss: 1.0105  
Iteration: 2489; Percent complete: 62.2%; Average loss: 1.1863  
Iteration: 2490; Percent complete: 62.3%; Average loss: 1.3261  
Iteration: 2491; Percent complete: 62.3%; Average loss: 1.2686  
Iteration: 2492; Percent complete: 62.3%; Average loss: 1.4274  
Iteration: 2493; Percent complete: 62.3%; Average loss: 1.2783  
Iteration: 2494; Percent complete: 62.4%; Average loss: 1.1924  
Iteration: 2495; Percent complete: 62.4%; Average loss: 1.5760  
Iteration: 2496; Percent complete: 62.4%; Average loss: 1.1808  
Iteration: 2497; Percent complete: 62.4%; Average loss: 1.1721  
Iteration: 2498; Percent complete: 62.5%; Average loss: 1.4012  
Iteration: 2499; Percent complete: 62.5%; Average loss: 1.0168  
Iteration: 2500; Percent complete: 62.5%; Average loss: 1.5605  
Iteration: 2501; Percent complete: 62.5%; Average loss: 1.2724  
Iteration: 2502; Percent complete: 62.5%; Average loss: 1.2795  
Iteration: 2503; Percent complete: 62.6%; Average loss: 1.0962  
Iteration: 2504; Percent complete: 62.6%; Average loss: 1.0782  
Iteration: 2505; Percent complete: 62.6%; Average loss: 1.1043  
Iteration: 2506; Percent complete: 62.6%; Average loss: 1.3139  
Iteration: 2507; Percent complete: 62.7%; Average loss: 1.1528  
Iteration: 2508; Percent complete: 62.7%; Average loss: 1.4494  
Iteration: 2509; Percent complete: 62.7%; Average loss: 1.1842  
Iteration: 2510; Percent complete: 62.7%; Average loss: 1.3369  
Iteration: 2511; Percent complete: 62.8%; Average loss: 1.2300  
Iteration: 2512; Percent complete: 62.8%; Average loss: 1.2469  
Iteration: 2513; Percent complete: 62.8%; Average loss: 1.1414  
Iteration: 2514; Percent complete: 62.8%; Average loss: 1.3334  
Iteration: 2515; Percent complete: 62.9%; Average loss: 1.2220  
Iteration: 2516; Percent complete: 62.9%; Average loss: 1.0212  
Iteration: 2517; Percent complete: 62.9%; Average loss: 1.2466  
Iteration: 2518; Percent complete: 62.9%; Average loss: 1.1418  
Iteration: 2519; Percent complete: 63.0%; Average loss: 0.9882  
Iteration: 2520; Percent complete: 63.0%; Average loss: 1.3137  
Iteration: 2521; Percent complete: 63.0%; Average loss: 1.1756  
Iteration: 2522; Percent complete: 63.0%; Average loss: 1.2647  
Iteration: 2523; Percent complete: 63.1%; Average loss: 1.0810

Iteration: 2524; Percent complete: 63.1%; Average loss: 1.3028  
Iteration: 2525; Percent complete: 63.1%; Average loss: 1.1417  
Iteration: 2526; Percent complete: 63.1%; Average loss: 1.2828  
Iteration: 2527; Percent complete: 63.2%; Average loss: 1.1767  
Iteration: 2528; Percent complete: 63.2%; Average loss: 1.3057  
Iteration: 2529; Percent complete: 63.2%; Average loss: 1.3327  
Iteration: 2530; Percent complete: 63.2%; Average loss: 1.1542  
Iteration: 2531; Percent complete: 63.3%; Average loss: 1.4164  
Iteration: 2532; Percent complete: 63.3%; Average loss: 1.2826  
Iteration: 2533; Percent complete: 63.3%; Average loss: 1.5067  
Iteration: 2534; Percent complete: 63.3%; Average loss: 1.3074  
Iteration: 2535; Percent complete: 63.4%; Average loss: 1.2613  
Iteration: 2536; Percent complete: 63.4%; Average loss: 1.1130  
Iteration: 2537; Percent complete: 63.4%; Average loss: 1.4690  
Iteration: 2538; Percent complete: 63.4%; Average loss: 1.1117  
Iteration: 2539; Percent complete: 63.5%; Average loss: 1.2574  
Iteration: 2540; Percent complete: 63.5%; Average loss: 1.4574  
Iteration: 2541; Percent complete: 63.5%; Average loss: 1.3946  
Iteration: 2542; Percent complete: 63.5%; Average loss: 1.1601  
Iteration: 2543; Percent complete: 63.6%; Average loss: 1.3276  
Iteration: 2544; Percent complete: 63.6%; Average loss: 1.0750  
Iteration: 2545; Percent complete: 63.6%; Average loss: 1.1698  
Iteration: 2546; Percent complete: 63.6%; Average loss: 1.3487  
Iteration: 2547; Percent complete: 63.7%; Average loss: 1.3063  
Iteration: 2548; Percent complete: 63.7%; Average loss: 1.1448  
Iteration: 2549; Percent complete: 63.7%; Average loss: 1.2383  
Iteration: 2550; Percent complete: 63.7%; Average loss: 1.3921  
Iteration: 2551; Percent complete: 63.8%; Average loss: 1.1973  
Iteration: 2552; Percent complete: 63.8%; Average loss: 1.2653  
Iteration: 2553; Percent complete: 63.8%; Average loss: 1.1424  
Iteration: 2554; Percent complete: 63.8%; Average loss: 1.1882  
Iteration: 2555; Percent complete: 63.9%; Average loss: 1.2145  
Iteration: 2556; Percent complete: 63.9%; Average loss: 1.0382  
Iteration: 2557; Percent complete: 63.9%; Average loss: 1.2150  
Iteration: 2558; Percent complete: 63.9%; Average loss: 1.2788  
Iteration: 2559; Percent complete: 64.0%; Average loss: 1.4606  
Iteration: 2560; Percent complete: 64.0%; Average loss: 1.3335  
Iteration: 2561; Percent complete: 64.0%; Average loss: 1.1714  
Iteration: 2562; Percent complete: 64.0%; Average loss: 1.4963  
Iteration: 2563; Percent complete: 64.1%; Average loss: 1.2834  
Iteration: 2564; Percent complete: 64.1%; Average loss: 1.3665  
Iteration: 2565; Percent complete: 64.1%; Average loss: 1.3159  
Iteration: 2566; Percent complete: 64.1%; Average loss: 1.1553  
Iteration: 2567; Percent complete: 64.2%; Average loss: 0.9739  
Iteration: 2568; Percent complete: 64.2%; Average loss: 1.2858  
Iteration: 2569; Percent complete: 64.2%; Average loss: 1.1474  
Iteration: 2570; Percent complete: 64.2%; Average loss: 1.3149  
Iteration: 2571; Percent complete: 64.3%; Average loss: 1.1229  
Iteration: 2572; Percent complete: 64.3%; Average loss: 1.1820  
Iteration: 2573; Percent complete: 64.3%; Average loss: 1.3591  
Iteration: 2574; Percent complete: 64.3%; Average loss: 1.1579  
Iteration: 2575; Percent complete: 64.4%; Average loss: 1.1507  
Iteration: 2576; Percent complete: 64.4%; Average loss: 1.1879  
Iteration: 2577; Percent complete: 64.4%; Average loss: 1.3947  
Iteration: 2578; Percent complete: 64.5%; Average loss: 1.3438  
Iteration: 2579; Percent complete: 64.5%; Average loss: 1.2685  
Iteration: 2580; Percent complete: 64.5%; Average loss: 1.2065  
Iteration: 2581; Percent complete: 64.5%; Average loss: 1.2261  
Iteration: 2582; Percent complete: 64.5%; Average loss: 1.1951  
Iteration: 2583; Percent complete: 64.6%; Average loss: 1.2076  
Iteration: 2584; Percent complete: 64.6%; Average loss: 1.3066  
Iteration: 2585; Percent complete: 64.6%; Average loss: 1.4136  
Iteration: 2586; Percent complete: 64.6%; Average loss: 1.0933  
Iteration: 2587; Percent complete: 64.7%; Average loss: 1.1862  
Iteration: 2588; Percent complete: 64.7%; Average loss: 1.3417  
Iteration: 2589; Percent complete: 64.7%; Average loss: 1.3364  
Iteration: 2590; Percent complete: 64.8%; Average loss: 0.9460  
Iteration: 2591; Percent complete: 64.8%; Average loss: 1.2139  
Iteration: 2592; Percent complete: 64.8%; Average loss: 1.0755  
Iteration: 2593; Percent complete: 64.8%; Average loss: 1.0383  
Iteration: 2594; Percent complete: 64.8%; Average loss: 1.3234  
Iteration: 2595; Percent complete: 64.9%; Average loss: 1.2881  
Iteration: 2596; Percent complete: 64.9%; Average loss: 1.4132  
Iteration: 2597; Percent complete: 64.9%; Average loss: 1.4628  
Iteration: 2598; Percent complete: 65.0%; Average loss: 1.0794  
Iteration: 2599; Percent complete: 65.0%; Average loss: 1.2170  
Iteration: 2600; Percent complete: 65.0%; Average loss: 1.1692  
Iteration: 2601; Percent complete: 65.0%; Average loss: 1.1576  
Iteration: 2602; Percent complete: 65.0%; Average loss: 1.2758  
Iteration: 2603; Percent complete: 65.1%; Average loss: 1.1483  
Iteration: 2604; Percent complete: 65.1%; Average loss: 1.0992  
Iteration: 2605; Percent complete: 65.1%; Average loss: 1.2127  
Iteration: 2606; Percent complete: 65.1%; Average loss: 1.2477  
Iteration: 2607; Percent complete: 65.2%; Average loss: 1.0894  
Iteration: 2608; Percent complete: 65.2%; Average loss: 1.2822  
Iteration: 2609; Percent complete: 65.2%; Average loss: 1.3301  
Iteration: 2610; Percent complete: 65.2%; Average loss: 1.2000  
Iteration: 2611; Percent complete: 65.3%; Average loss: 1.0705  
Iteration: 2612; Percent complete: 65.3%; Average loss: 1.1226  
Iteration: 2613; Percent complete: 65.3%; Average loss: 1.2023  
Iteration: 2614; Percent complete: 65.3%; Average loss: 1.5284





Iteration: 2797; Percent complete: 69.9%; Average loss: 1.3215  
Iteration: 2798; Percent complete: 70.0%; Average loss: 1.4280  
Iteration: 2799; Percent complete: 70.0%; Average loss: 1.2371  
Iteration: 2800; Percent complete: 70.0%; Average loss: 1.1118  
Iteration: 2801; Percent complete: 70.0%; Average loss: 1.2527  
Iteration: 2802; Percent complete: 70.0%; Average loss: 1.1802  
Iteration: 2803; Percent complete: 70.1%; Average loss: 1.1594  
Iteration: 2804; Percent complete: 70.1%; Average loss: 1.2791  
Iteration: 2805; Percent complete: 70.1%; Average loss: 1.3361  
Iteration: 2806; Percent complete: 70.2%; Average loss: 1.2693  
Iteration: 2807; Percent complete: 70.2%; Average loss: 1.1899  
Iteration: 2808; Percent complete: 70.2%; Average loss: 1.2812  
Iteration: 2809; Percent complete: 70.2%; Average loss: 1.2406  
Iteration: 2810; Percent complete: 70.2%; Average loss: 1.1592  
Iteration: 2811; Percent complete: 70.3%; Average loss: 1.2718  
Iteration: 2812; Percent complete: 70.3%; Average loss: 1.1822  
Iteration: 2813; Percent complete: 70.3%; Average loss: 1.1303  
Iteration: 2814; Percent complete: 70.3%; Average loss: 1.3152  
Iteration: 2815; Percent complete: 70.4%; Average loss: 1.2103  
Iteration: 2816; Percent complete: 70.4%; Average loss: 1.1096  
Iteration: 2817; Percent complete: 70.4%; Average loss: 1.1313  
Iteration: 2818; Percent complete: 70.5%; Average loss: 1.1583  
Iteration: 2819; Percent complete: 70.5%; Average loss: 1.1724  
Iteration: 2820; Percent complete: 70.5%; Average loss: 1.2045  
Iteration: 2821; Percent complete: 70.5%; Average loss: 1.1200  
Iteration: 2822; Percent complete: 70.5%; Average loss: 1.3874  
Iteration: 2823; Percent complete: 70.6%; Average loss: 1.3678  
Iteration: 2824; Percent complete: 70.6%; Average loss: 1.2356  
Iteration: 2825; Percent complete: 70.6%; Average loss: 1.4870  
Iteration: 2826; Percent complete: 70.7%; Average loss: 1.1307  
Iteration: 2827; Percent complete: 70.7%; Average loss: 1.1755  
Iteration: 2828; Percent complete: 70.7%; Average loss: 1.3736  
Iteration: 2829; Percent complete: 70.7%; Average loss: 1.4653  
Iteration: 2830; Percent complete: 70.8%; Average loss: 1.1612  
Iteration: 2831; Percent complete: 70.8%; Average loss: 1.1706  
Iteration: 2832; Percent complete: 70.8%; Average loss: 1.1110  
Iteration: 2833; Percent complete: 70.8%; Average loss: 1.3395  
Iteration: 2834; Percent complete: 70.9%; Average loss: 1.4219  
Iteration: 2835; Percent complete: 70.9%; Average loss: 1.0326  
Iteration: 2836; Percent complete: 70.9%; Average loss: 1.1959  
Iteration: 2837; Percent complete: 70.9%; Average loss: 1.1216  
Iteration: 2838; Percent complete: 71.0%; Average loss: 1.4456  
Iteration: 2839; Percent complete: 71.0%; Average loss: 1.2626  
Iteration: 2840; Percent complete: 71.0%; Average loss: 1.2983  
Iteration: 2841; Percent complete: 71.0%; Average loss: 1.2590  
Iteration: 2842; Percent complete: 71.0%; Average loss: 1.1676  
Iteration: 2843; Percent complete: 71.1%; Average loss: 1.2672  
Iteration: 2844; Percent complete: 71.1%; Average loss: 1.2390  
Iteration: 2845; Percent complete: 71.1%; Average loss: 1.3602  
Iteration: 2846; Percent complete: 71.2%; Average loss: 1.0596  
Iteration: 2847; Percent complete: 71.2%; Average loss: 1.3260  
Iteration: 2848; Percent complete: 71.2%; Average loss: 1.4880  
Iteration: 2849; Percent complete: 71.2%; Average loss: 1.1513  
Iteration: 2850; Percent complete: 71.2%; Average loss: 1.3983  
Iteration: 2851; Percent complete: 71.3%; Average loss: 1.1630  
Iteration: 2852; Percent complete: 71.3%; Average loss: 1.2670  
Iteration: 2853; Percent complete: 71.3%; Average loss: 1.1206  
Iteration: 2854; Percent complete: 71.4%; Average loss: 1.3252  
Iteration: 2855; Percent complete: 71.4%; Average loss: 1.1794  
Iteration: 2856; Percent complete: 71.4%; Average loss: 1.2013  
Iteration: 2857; Percent complete: 71.4%; Average loss: 1.2460  
Iteration: 2858; Percent complete: 71.5%; Average loss: 1.1430  
Iteration: 2859; Percent complete: 71.5%; Average loss: 1.1880  
Iteration: 2860; Percent complete: 71.5%; Average loss: 1.4954  
Iteration: 2861; Percent complete: 71.5%; Average loss: 1.1079  
Iteration: 2862; Percent complete: 71.5%; Average loss: 1.1091  
Iteration: 2863; Percent complete: 71.6%; Average loss: 1.2885  
Iteration: 2864; Percent complete: 71.6%; Average loss: 1.3001  
Iteration: 2865; Percent complete: 71.6%; Average loss: 1.3409  
Iteration: 2866; Percent complete: 71.7%; Average loss: 1.1777  
Iteration: 2867; Percent complete: 71.7%; Average loss: 1.1220  
Iteration: 2868; Percent complete: 71.7%; Average loss: 1.2407  
Iteration: 2869; Percent complete: 71.7%; Average loss: 1.1275  
Iteration: 2870; Percent complete: 71.8%; Average loss: 1.2480  
Iteration: 2871; Percent complete: 71.8%; Average loss: 1.3616  
Iteration: 2872; Percent complete: 71.8%; Average loss: 1.4592  
Iteration: 2873; Percent complete: 71.8%; Average loss: 1.2334  
Iteration: 2874; Percent complete: 71.9%; Average loss: 1.3153  
Iteration: 2875; Percent complete: 71.9%; Average loss: 1.2701  
Iteration: 2876; Percent complete: 71.9%; Average loss: 1.1717  
Iteration: 2877; Percent complete: 71.9%; Average loss: 1.3624  
Iteration: 2878; Percent complete: 72.0%; Average loss: 1.2406  
Iteration: 2879; Percent complete: 72.0%; Average loss: 0.9822  
Iteration: 2880; Percent complete: 72.0%; Average loss: 1.2109  
Iteration: 2881; Percent complete: 72.0%; Average loss: 1.1541  
Iteration: 2882; Percent complete: 72.0%; Average loss: 1.5018  
Iteration: 2883; Percent complete: 72.1%; Average loss: 1.1931  
Iteration: 2884; Percent complete: 72.1%; Average loss: 1.0471  
Iteration: 2885; Percent complete: 72.1%; Average loss: 1.0859  
Iteration: 2886; Percent complete: 72.2%; Average loss: 1.2493  
Iteration: 2887; Percent complete: 72.2%; Average loss: 1.1032  
Iteration: 2888; Percent complete: 72.2%; Average loss: 1.1900



Iteration: 2889; Percent complete: 72.2%; Average loss: 1.1937  
Iteration: 2890; Percent complete: 72.2%; Average loss: 1.2074  
Iteration: 2891; Percent complete: 72.3%; Average loss: 1.2568  
Iteration: 2892; Percent complete: 72.3%; Average loss: 1.3130  
Iteration: 2893; Percent complete: 72.3%; Average loss: 1.2063  
Iteration: 2894; Percent complete: 72.4%; Average loss: 1.2716  
Iteration: 2895; Percent complete: 72.4%; Average loss: 1.3373  
Iteration: 2896; Percent complete: 72.4%; Average loss: 1.2905  
Iteration: 2897; Percent complete: 72.4%; Average loss: 1.4320  
Iteration: 2898; Percent complete: 72.5%; Average loss: 1.3435  
Iteration: 2899; Percent complete: 72.5%; Average loss: 1.0458  
Iteration: 2900; Percent complete: 72.5%; Average loss: 1.1046  
Iteration: 2901; Percent complete: 72.5%; Average loss: 1.1813  
Iteration: 2902; Percent complete: 72.5%; Average loss: 0.8757  
Iteration: 2903; Percent complete: 72.6%; Average loss: 1.2747  
Iteration: 2904; Percent complete: 72.6%; Average loss: 1.3670  
Iteration: 2905; Percent complete: 72.6%; Average loss: 1.3453  
Iteration: 2906; Percent complete: 72.7%; Average loss: 1.2242  
Iteration: 2907; Percent complete: 72.7%; Average loss: 1.2617  
Iteration: 2908; Percent complete: 72.7%; Average loss: 1.5058  
Iteration: 2909; Percent complete: 72.7%; Average loss: 1.0779  
Iteration: 2910; Percent complete: 72.8%; Average loss: 1.1685  
Iteration: 2911; Percent complete: 72.8%; Average loss: 1.2751  
Iteration: 2912; Percent complete: 72.8%; Average loss: 1.1875  
Iteration: 2913; Percent complete: 72.8%; Average loss: 1.2793  
Iteration: 2914; Percent complete: 72.9%; Average loss: 1.1740  
Iteration: 2915; Percent complete: 72.9%; Average loss: 1.3967  
Iteration: 2916; Percent complete: 72.9%; Average loss: 1.2355  
Iteration: 2917; Percent complete: 72.9%; Average loss: 1.2707  
Iteration: 2918; Percent complete: 73.0%; Average loss: 1.1020  
Iteration: 2919; Percent complete: 73.0%; Average loss: 1.3263  
Iteration: 2920; Percent complete: 73.0%; Average loss: 1.3734  
Iteration: 2921; Percent complete: 73.0%; Average loss: 1.0897  
Iteration: 2922; Percent complete: 73.0%; Average loss: 1.3594  
Iteration: 2923; Percent complete: 73.1%; Average loss: 1.1337  
Iteration: 2924; Percent complete: 73.1%; Average loss: 1.1657  
Iteration: 2925; Percent complete: 73.1%; Average loss: 1.2257  
Iteration: 2926; Percent complete: 73.2%; Average loss: 1.3982  
Iteration: 2927; Percent complete: 73.2%; Average loss: 1.1903  
Iteration: 2928; Percent complete: 73.2%; Average loss: 1.2195  
Iteration: 2929; Percent complete: 73.2%; Average loss: 1.3309  
Iteration: 2930; Percent complete: 73.2%; Average loss: 1.3794  
Iteration: 2931; Percent complete: 73.3%; Average loss: 1.4079  
Iteration: 2932; Percent complete: 73.3%; Average loss: 1.2137  
Iteration: 2933; Percent complete: 73.3%; Average loss: 1.1985  
Iteration: 2934; Percent complete: 73.4%; Average loss: 0.9816  
Iteration: 2935; Percent complete: 73.4%; Average loss: 1.1504  
Iteration: 2936; Percent complete: 73.4%; Average loss: 1.3277  
Iteration: 2937; Percent complete: 73.4%; Average loss: 1.3077  
Iteration: 2938; Percent complete: 73.5%; Average loss: 1.0714  
Iteration: 2939; Percent complete: 73.5%; Average loss: 1.2907  
Iteration: 2940; Percent complete: 73.5%; Average loss: 1.2376  
Iteration: 2941; Percent complete: 73.5%; Average loss: 1.0533  
Iteration: 2942; Percent complete: 73.6%; Average loss: 1.0733  
Iteration: 2943; Percent complete: 73.6%; Average loss: 1.3579  
Iteration: 2944; Percent complete: 73.6%; Average loss: 1.2667  
Iteration: 2945; Percent complete: 73.6%; Average loss: 1.1719  
Iteration: 2946; Percent complete: 73.7%; Average loss: 1.1915  
Iteration: 2947; Percent complete: 73.7%; Average loss: 1.4163  
Iteration: 2948; Percent complete: 73.7%; Average loss: 1.2654  
Iteration: 2949; Percent complete: 73.7%; Average loss: 1.0736  
Iteration: 2950; Percent complete: 73.8%; Average loss: 1.0261  
Iteration: 2951; Percent complete: 73.8%; Average loss: 1.0918  
Iteration: 2952; Percent complete: 73.8%; Average loss: 1.3598  
Iteration: 2953; Percent complete: 73.8%; Average loss: 1.2028  
Iteration: 2954; Percent complete: 73.9%; Average loss: 1.1093  
Iteration: 2955; Percent complete: 73.9%; Average loss: 1.3067  
Iteration: 2956; Percent complete: 73.9%; Average loss: 1.3491  
Iteration: 2957; Percent complete: 73.9%; Average loss: 1.3279  
Iteration: 2958; Percent complete: 74.0%; Average loss: 1.3122  
Iteration: 2959; Percent complete: 74.0%; Average loss: 1.4568  
Iteration: 2960; Percent complete: 74.0%; Average loss: 1.3154  
Iteration: 2961; Percent complete: 74.0%; Average loss: 1.3215  
Iteration: 2962; Percent complete: 74.1%; Average loss: 1.4090  
Iteration: 2963; Percent complete: 74.1%; Average loss: 1.0632  
Iteration: 2964; Percent complete: 74.1%; Average loss: 1.4420  
Iteration: 2965; Percent complete: 74.1%; Average loss: 1.1470  
Iteration: 2966; Percent complete: 74.2%; Average loss: 1.0077  
Iteration: 2967; Percent complete: 74.2%; Average loss: 1.0104  
Iteration: 2968; Percent complete: 74.2%; Average loss: 1.2604  
Iteration: 2969; Percent complete: 74.2%; Average loss: 1.1215  
Iteration: 2970; Percent complete: 74.2%; Average loss: 1.1636  
Iteration: 2971; Percent complete: 74.3%; Average loss: 1.4208  
Iteration: 2972; Percent complete: 74.3%; Average loss: 1.3972  
Iteration: 2973; Percent complete: 74.3%; Average loss: 1.2881  
Iteration: 2974; Percent complete: 74.4%; Average loss: 1.1751  
Iteration: 2975; Percent complete: 74.4%; Average loss: 1.0941  
Iteration: 2976; Percent complete: 74.4%; Average loss: 1.1000  
Iteration: 2977; Percent complete: 74.4%; Average loss: 1.3265  
Iteration: 2978; Percent complete: 74.5%; Average loss: 1.0182  
Iteration: 2979; Percent complete: 74.5%; Average loss: 1.4464

Iteration: 2980; Percent complete: 74.5%; Average loss: 1.3442  
Iteration: 2981; Percent complete: 74.5%; Average loss: 1.2257  
Iteration: 2982; Percent complete: 74.6%; Average loss: 1.2969  
Iteration: 2983; Percent complete: 74.6%; Average loss: 1.1984  
Iteration: 2984; Percent complete: 74.6%; Average loss: 1.3057  
Iteration: 2985; Percent complete: 74.6%; Average loss: 1.4097  
Iteration: 2986; Percent complete: 74.7%; Average loss: 1.0894  
Iteration: 2987; Percent complete: 74.7%; Average loss: 1.2599  
Iteration: 2988; Percent complete: 74.7%; Average loss: 1.2170  
Iteration: 2989; Percent complete: 74.7%; Average loss: 1.1863  
Iteration: 2990; Percent complete: 74.8%; Average loss: 1.2693  
Iteration: 2991; Percent complete: 74.8%; Average loss: 1.1305  
Iteration: 2992; Percent complete: 74.8%; Average loss: 1.3232  
Iteration: 2993; Percent complete: 74.8%; Average loss: 1.2079  
Iteration: 2994; Percent complete: 74.9%; Average loss: 1.2329  
Iteration: 2995; Percent complete: 74.9%; Average loss: 1.2812  
Iteration: 2996; Percent complete: 74.9%; Average loss: 1.3672  
Iteration: 2997; Percent complete: 74.9%; Average loss: 1.1028  
Iteration: 2998; Percent complete: 75.0%; Average loss: 1.1789  
Iteration: 2999; Percent complete: 75.0%; Average loss: 1.2446  
Iteration: 3000; Percent complete: 75.0%; Average loss: 1.3470  
Iteration: 3001; Percent complete: 75.0%; Average loss: 1.3090  
Iteration: 3002; Percent complete: 75.0%; Average loss: 1.5066  
Iteration: 3003; Percent complete: 75.1%; Average loss: 1.0677  
Iteration: 3004; Percent complete: 75.1%; Average loss: 1.1667  
Iteration: 3005; Percent complete: 75.1%; Average loss: 1.2354  
Iteration: 3006; Percent complete: 75.1%; Average loss: 1.2790  
Iteration: 3007; Percent complete: 75.2%; Average loss: 1.1701  
Iteration: 3008; Percent complete: 75.2%; Average loss: 0.9940  
Iteration: 3009; Percent complete: 75.2%; Average loss: 1.3457  
Iteration: 3010; Percent complete: 75.2%; Average loss: 1.2717  
Iteration: 3011; Percent complete: 75.3%; Average loss: 1.1852  
Iteration: 3012; Percent complete: 75.3%; Average loss: 1.3264  
Iteration: 3013; Percent complete: 75.3%; Average loss: 1.4514  
Iteration: 3014; Percent complete: 75.3%; Average loss: 1.0700  
Iteration: 3015; Percent complete: 75.4%; Average loss: 1.5447  
Iteration: 3016; Percent complete: 75.4%; Average loss: 1.3312  
Iteration: 3017; Percent complete: 75.4%; Average loss: 1.3373  
Iteration: 3018; Percent complete: 75.4%; Average loss: 1.2120  
Iteration: 3019; Percent complete: 75.5%; Average loss: 1.2665  
Iteration: 3020; Percent complete: 75.5%; Average loss: 1.2655  
Iteration: 3021; Percent complete: 75.5%; Average loss: 1.2321  
Iteration: 3022; Percent complete: 75.5%; Average loss: 1.3385  
Iteration: 3023; Percent complete: 75.6%; Average loss: 1.1225  
Iteration: 3024; Percent complete: 75.6%; Average loss: 1.2421  
Iteration: 3025; Percent complete: 75.6%; Average loss: 1.1121  
Iteration: 3026; Percent complete: 75.6%; Average loss: 1.4857  
Iteration: 3027; Percent complete: 75.7%; Average loss: 1.1992  
Iteration: 3028; Percent complete: 75.7%; Average loss: 1.0759  
Iteration: 3029; Percent complete: 75.7%; Average loss: 1.2987  
Iteration: 3030; Percent complete: 75.8%; Average loss: 1.1930  
Iteration: 3031; Percent complete: 75.8%; Average loss: 1.3781  
Iteration: 3032; Percent complete: 75.8%; Average loss: 1.3456  
Iteration: 3033; Percent complete: 75.8%; Average loss: 1.0984  
Iteration: 3034; Percent complete: 75.8%; Average loss: 1.1175  
Iteration: 3035; Percent complete: 75.9%; Average loss: 1.2890  
Iteration: 3036; Percent complete: 75.9%; Average loss: 1.4849  
Iteration: 3037; Percent complete: 75.9%; Average loss: 1.2898  
Iteration: 3038; Percent complete: 75.9%; Average loss: 1.2897  
Iteration: 3039; Percent complete: 76.0%; Average loss: 1.4090  
Iteration: 3040; Percent complete: 76.0%; Average loss: 1.1058  
Iteration: 3041; Percent complete: 76.0%; Average loss: 1.3774  
Iteration: 3042; Percent complete: 76.0%; Average loss: 1.1620  
Iteration: 3043; Percent complete: 76.1%; Average loss: 1.1275  
Iteration: 3044; Percent complete: 76.1%; Average loss: 1.2535  
Iteration: 3045; Percent complete: 76.1%; Average loss: 1.1524  
Iteration: 3046; Percent complete: 76.1%; Average loss: 1.2087  
Iteration: 3047; Percent complete: 76.2%; Average loss: 1.3283  
Iteration: 3048; Percent complete: 76.2%; Average loss: 1.3715  
Iteration: 3049; Percent complete: 76.2%; Average loss: 1.2176  
Iteration: 3050; Percent complete: 76.2%; Average loss: 1.1555  
Iteration: 3051; Percent complete: 76.3%; Average loss: 1.4153  
Iteration: 3052; Percent complete: 76.3%; Average loss: 1.2448  
Iteration: 3053; Percent complete: 76.3%; Average loss: 1.3429  
Iteration: 3054; Percent complete: 76.3%; Average loss: 1.2664  
Iteration: 3055; Percent complete: 76.4%; Average loss: 1.3394  
Iteration: 3056; Percent complete: 76.4%; Average loss: 1.3681  
Iteration: 3057; Percent complete: 76.4%; Average loss: 1.2359  
Iteration: 3058; Percent complete: 76.4%; Average loss: 1.2261  
Iteration: 3059; Percent complete: 76.5%; Average loss: 1.2076  
Iteration: 3060; Percent complete: 76.5%; Average loss: 1.2649  
Iteration: 3061; Percent complete: 76.5%; Average loss: 0.9486  
Iteration: 3062; Percent complete: 76.5%; Average loss: 1.1965  
Iteration: 3063; Percent complete: 76.6%; Average loss: 1.4016  
Iteration: 3064; Percent complete: 76.6%; Average loss: 1.2472  
Iteration: 3065; Percent complete: 76.6%; Average loss: 1.4289  
Iteration: 3066; Percent complete: 76.6%; Average loss: 1.4038  
Iteration: 3067; Percent complete: 76.7%; Average loss: 1.3544  
Iteration: 3068; Percent complete: 76.7%; Average loss: 0.9953  
Iteration: 3069; Percent complete: 76.7%; Average loss: 1.4141  
Iteration: 3070; Percent complete: 76.8%; Average loss: 1.2699

Iteration: 3071; Percent complete: 76.8%; Average loss: 1.1416  
Iteration: 3072; Percent complete: 76.8%; Average loss: 0.9829  
Iteration: 3073; Percent complete: 76.8%; Average loss: 1.2495  
Iteration: 3074; Percent complete: 76.8%; Average loss: 1.4112  
Iteration: 3075; Percent complete: 76.9%; Average loss: 1.1838  
Iteration: 3076; Percent complete: 76.9%; Average loss: 1.3146  
Iteration: 3077; Percent complete: 76.9%; Average loss: 1.1784  
Iteration: 3078; Percent complete: 77.0%; Average loss: 1.2720  
Iteration: 3079; Percent complete: 77.0%; Average loss: 1.1514  
Iteration: 3080; Percent complete: 77.0%; Average loss: 1.2158  
Iteration: 3081; Percent complete: 77.0%; Average loss: 1.1287  
Iteration: 3082; Percent complete: 77.0%; Average loss: 1.0814  
Iteration: 3083; Percent complete: 77.1%; Average loss: 1.1432  
Iteration: 3084; Percent complete: 77.1%; Average loss: 1.2754  
Iteration: 3085; Percent complete: 77.1%; Average loss: 1.3142  
Iteration: 3086; Percent complete: 77.1%; Average loss: 1.1475  
Iteration: 3087; Percent complete: 77.2%; Average loss: 1.2241  
Iteration: 3088; Percent complete: 77.2%; Average loss: 1.3147  
Iteration: 3089; Percent complete: 77.2%; Average loss: 1.3621  
Iteration: 3090; Percent complete: 77.2%; Average loss: 1.2327  
Iteration: 3091; Percent complete: 77.3%; Average loss: 1.1062  
Iteration: 3092; Percent complete: 77.3%; Average loss: 1.2899  
Iteration: 3093; Percent complete: 77.3%; Average loss: 1.1944  
Iteration: 3094; Percent complete: 77.3%; Average loss: 1.1776  
Iteration: 3095; Percent complete: 77.4%; Average loss: 1.3687  
Iteration: 3096; Percent complete: 77.4%; Average loss: 1.1236  
Iteration: 3097; Percent complete: 77.4%; Average loss: 1.4236  
Iteration: 3098; Percent complete: 77.5%; Average loss: 1.2853  
Iteration: 3099; Percent complete: 77.5%; Average loss: 1.3931  
Iteration: 3100; Percent complete: 77.5%; Average loss: 1.2597  
Iteration: 3101; Percent complete: 77.5%; Average loss: 1.1729  
Iteration: 3102; Percent complete: 77.5%; Average loss: 1.2812  
Iteration: 3103; Percent complete: 77.6%; Average loss: 1.3676  
Iteration: 3104; Percent complete: 77.6%; Average loss: 1.2158  
Iteration: 3105; Percent complete: 77.6%; Average loss: 0.9668  
Iteration: 3106; Percent complete: 77.6%; Average loss: 1.3097  
Iteration: 3107; Percent complete: 77.7%; Average loss: 1.2756  
Iteration: 3108; Percent complete: 77.7%; Average loss: 1.2825  
Iteration: 3109; Percent complete: 77.7%; Average loss: 1.2842  
Iteration: 3110; Percent complete: 77.8%; Average loss: 0.9472  
Iteration: 3111; Percent complete: 77.8%; Average loss: 1.3856  
Iteration: 3112; Percent complete: 77.8%; Average loss: 1.1021  
Iteration: 3113; Percent complete: 77.8%; Average loss: 1.4202  
Iteration: 3114; Percent complete: 77.8%; Average loss: 1.0519  
Iteration: 3115; Percent complete: 77.9%; Average loss: 1.1368  
Iteration: 3116; Percent complete: 77.9%; Average loss: 1.2005  
Iteration: 3117; Percent complete: 77.9%; Average loss: 1.3095  
Iteration: 3118; Percent complete: 78.0%; Average loss: 1.2609  
Iteration: 3119; Percent complete: 78.0%; Average loss: 1.2653  
Iteration: 3120; Percent complete: 78.0%; Average loss: 1.2069  
Iteration: 3121; Percent complete: 78.0%; Average loss: 1.2171  
Iteration: 3122; Percent complete: 78.0%; Average loss: 1.1487  
Iteration: 3123; Percent complete: 78.1%; Average loss: 1.1495  
Iteration: 3124; Percent complete: 78.1%; Average loss: 1.2427  
Iteration: 3125; Percent complete: 78.1%; Average loss: 1.1158  
Iteration: 3126; Percent complete: 78.1%; Average loss: 1.0647  
Iteration: 3127; Percent complete: 78.2%; Average loss: 1.3651  
Iteration: 3128; Percent complete: 78.2%; Average loss: 1.0915  
Iteration: 3129; Percent complete: 78.2%; Average loss: 1.4825  
Iteration: 3130; Percent complete: 78.2%; Average loss: 1.1350  
Iteration: 3131; Percent complete: 78.3%; Average loss: 1.2368  
Iteration: 3132; Percent complete: 78.3%; Average loss: 1.3106  
Iteration: 3133; Percent complete: 78.3%; Average loss: 1.3648  
Iteration: 3134; Percent complete: 78.3%; Average loss: 1.1680  
Iteration: 3135; Percent complete: 78.4%; Average loss: 1.3747  
Iteration: 3136; Percent complete: 78.4%; Average loss: 1.1648  
Iteration: 3137; Percent complete: 78.4%; Average loss: 1.1071  
Iteration: 3138; Percent complete: 78.5%; Average loss: 1.1483  
Iteration: 3139; Percent complete: 78.5%; Average loss: 1.2811  
Iteration: 3140; Percent complete: 78.5%; Average loss: 1.1885  
Iteration: 3141; Percent complete: 78.5%; Average loss: 1.1814  
Iteration: 3142; Percent complete: 78.5%; Average loss: 1.1160  
Iteration: 3143; Percent complete: 78.6%; Average loss: 1.1986  
Iteration: 3144; Percent complete: 78.6%; Average loss: 1.3334  
Iteration: 3145; Percent complete: 78.6%; Average loss: 1.2755  
Iteration: 3146; Percent complete: 78.6%; Average loss: 1.1445  
Iteration: 3147; Percent complete: 78.7%; Average loss: 1.3376  
Iteration: 3148; Percent complete: 78.7%; Average loss: 1.1385  
Iteration: 3149; Percent complete: 78.7%; Average loss: 1.2916  
Iteration: 3150; Percent complete: 78.8%; Average loss: 1.1316  
Iteration: 3151; Percent complete: 78.8%; Average loss: 1.1706  
Iteration: 3152; Percent complete: 78.8%; Average loss: 1.0818  
Iteration: 3153; Percent complete: 78.8%; Average loss: 1.2527  
Iteration: 3154; Percent complete: 78.8%; Average loss: 1.2811  
Iteration: 3155; Percent complete: 78.9%; Average loss: 1.3398  
Iteration: 3156; Percent complete: 78.9%; Average loss: 1.1671  
Iteration: 3157; Percent complete: 78.9%; Average loss: 1.1863  
Iteration: 3158; Percent complete: 79.0%; Average loss: 1.2167  
Iteration: 3159; Percent complete: 79.0%; Average loss: 1.1038  
Iteration: 3160; Percent complete: 79.0%; Average loss: 0.9861  
Iteration: 3161; Percent complete: 79.0%; Average loss: 1.2206  
Iteration: 3162; Percent complete: 79.0%; Average loss: 1.3441

[illegible]

|            |       |                   |        |               |        |
|------------|-------|-------------------|--------|---------------|--------|
| Iteration: | 3254; | Percent complete: | 81.3%; | Average loss: | 1.4956 |
| Iteration: | 3255; | Percent complete: | 81.4%; | Average loss: | 1.3088 |
| Iteration: | 3256; | Percent complete: | 81.4%; | Average loss: | 1.2257 |
| Iteration: | 3257; | Percent complete: | 81.4%; | Average loss: | 1.2315 |
| Iteration: | 3258; | Percent complete: | 81.5%; | Average loss: | 1.1375 |
| Iteration: | 3259; | Percent complete: | 81.5%; | Average loss: | 1.2263 |
| Iteration: | 3260; | Percent complete: | 81.5%; | Average loss: | 1.1470 |
| Iteration: | 3261; | Percent complete: | 81.5%; | Average loss: | 1.3182 |
| Iteration: | 3262; | Percent complete: | 81.5%; | Average loss: | 1.3675 |
| Iteration: | 3263; | Percent complete: | 81.6%; | Average loss: | 1.0971 |
| Iteration: | 3264; | Percent complete: | 81.6%; | Average loss: | 1.4165 |
| Iteration: | 3265; | Percent complete: | 81.6%; | Average loss: | 1.2582 |
| Iteration: | 3266; | Percent complete: | 81.7%; | Average loss: | 1.4141 |
| Iteration: | 3267; | Percent complete: | 81.7%; | Average loss: | 1.3758 |
| Iteration: | 3268; | Percent complete: | 81.7%; | Average loss: | 1.3744 |
| Iteration: | 3269; | Percent complete: | 81.7%; | Average loss: | 1.2589 |
| Iteration: | 3270; | Percent complete: | 81.8%; | Average loss: | 1.0988 |
| Iteration: | 3271; | Percent complete: | 81.8%; | Average loss: | 1.2865 |
| Iteration: | 3272; | Percent complete: | 81.8%; | Average loss: | 1.3443 |
| Iteration: | 3273; | Percent complete: | 81.8%; | Average loss: | 1.2150 |
| Iteration: | 3274; | Percent complete: | 81.8%; | Average loss: | 1.3556 |
| Iteration: | 3275; | Percent complete: | 81.9%; | Average loss: | 1.2730 |
| Iteration: | 3276; | Percent complete: | 81.9%; | Average loss: | 1.0801 |
| Iteration: | 3277; | Percent complete: | 81.9%; | Average loss: | 1.3490 |
| Iteration: | 3278; | Percent complete: | 82.0%; | Average loss: | 1.1544 |
| Iteration: | 3279; | Percent complete: | 82.0%; | Average loss: | 1.2623 |
| Iteration: | 3280; | Percent complete: | 82.0%; | Average loss: | 1.3769 |
| Iteration: | 3281; | Percent complete: | 82.0%; | Average loss: | 1.0999 |
| Iteration: | 3282; | Percent complete: | 82.0%; | Average loss: | 1.4767 |
| Iteration: | 3283; | Percent complete: | 82.1%; | Average loss: | 1.1097 |
| Iteration: | 3284; | Percent complete: | 82.1%; | Average loss: | 1.1340 |
| Iteration: | 3285; | Percent complete: | 82.1%; | Average loss: | 1.0536 |
| Iteration: | 3286; | Percent complete: | 82.2%; | Average loss: | 1.3192 |
| Iteration: | 3287; | Percent complete: | 82.2%; | Average loss: | 1.1497 |
| Iteration: | 3288; | Percent complete: | 82.2%; | Average loss: | 1.1611 |
| Iteration: | 3289; | Percent complete: | 82.2%; | Average loss: | 1.2915 |
| Iteration: | 3290; | Percent complete: | 82.2%; | Average loss: | 1.1767 |
| Iteration: | 3291; | Percent complete: | 82.3%; | Average loss: | 1.1731 |
| Iteration: | 3292; | Percent complete: | 82.3%; | Average loss: | 1.1943 |
| Iteration: | 3293; | Percent complete: | 82.3%; | Average loss: | 1.4114 |
| Iteration: | 3294; | Percent complete: | 82.3%; | Average loss: | 1.3911 |
| Iteration: | 3295; | Percent complete: | 82.4%; | Average loss: | 1.1427 |
| Iteration: | 3296; | Percent complete: | 82.4%; | Average loss: | 1.1586 |
| Iteration: | 3297; | Percent complete: | 82.4%; | Average loss: | 1.0084 |
| Iteration: | 3298; | Percent complete: | 82.5%; | Average loss: | 1.0503 |
| Iteration: | 3299; | Percent complete: | 82.5%; | Average loss: | 1.2436 |
| Iteration: | 3300; | Percent complete: | 82.5%; | Average loss: | 1.3319 |
| Iteration: | 3301; | Percent complete: | 82.5%; | Average loss: | 1.2884 |
| Iteration: | 3302; | Percent complete: | 82.5%; | Average loss: | 1.0076 |
| Iteration: | 3303; | Percent complete: | 82.6%; | Average loss: | 1.3034 |
| Iteration: | 3304; | Percent complete: | 82.6%; | Average loss: | 1.3145 |
| Iteration: | 3305; | Percent complete: | 82.6%; | Average loss: | 1.2512 |
| Iteration: | 3306; | Percent complete: | 82.7%; | Average loss: | 1.2420 |
| Iteration: | 3307; | Percent complete: | 82.7%; | Average loss: | 1.4818 |
| Iteration: | 3308; | Percent complete: | 82.7%; | Average loss: | 1.1486 |
| Iteration: | 3309; | Percent complete: | 82.7%; | Average loss: | 1.1301 |
| Iteration: | 3310; | Percent complete: | 82.8%; | Average loss: | 1.1311 |
| Iteration: | 3311; | Percent complete: | 82.8%; | Average loss: | 1.1585 |
| Iteration: | 3312; | Percent complete: | 82.8%; | Average loss: | 1.4662 |
| Iteration: | 3313; | Percent complete: | 82.8%; | Average loss: | 1.1389 |
| Iteration: | 3314; | Percent complete: | 82.8%; | Average loss: | 1.3998 |
| Iteration: | 3315; | Percent complete: | 82.9%; | Average loss: | 1.2068 |
| Iteration: | 3316; | Percent complete: | 82.9%; | Average loss: | 1.3083 |
| Iteration: | 3317; | Percent complete: | 82.9%; | Average loss: | 1.0242 |
| Iteration: | 3318; | Percent complete: | 83.0%; | Average loss: | 1.2889 |
| Iteration: | 3319; | Percent complete: | 83.0%; | Average loss: | 1.3060 |
| Iteration: | 3320; | Percent complete: | 83.0%; | Average loss: | 1.2564 |
| Iteration: | 3321; | Percent complete: | 83.0%; | Average loss: | 1.0962 |
| Iteration: | 3322; | Percent complete: | 83.0%; | Average loss: | 1.2976 |
| Iteration: | 3323; | Percent complete: | 83.1%; | Average loss: | 1.1991 |
| Iteration: | 3324; | Percent complete: | 83.1%; | Average loss: | 1.5735 |
| Iteration: | 3325; | Percent complete: | 83.1%; | Average loss: | 1.0650 |
| Iteration: | 3326; | Percent complete: | 83.2%; | Average loss: | 1.3230 |
| Iteration: | 3327; | Percent complete: | 83.2%; | Average loss: | 1.2309 |
| Iteration: | 3328; | Percent complete: | 83.2%; | Average loss: | 1.1888 |
| Iteration: | 3329; | Percent complete: | 83.2%; | Average loss: | 1      |

Iteration: 3345; Percent complete: 83.6%; Average loss: 1.3144  
Iteration: 3346; Percent complete: 83.7%; Average loss: 1.1937  
Iteration: 3347; Percent complete: 83.7%; Average loss: 1.1249  
Iteration: 3348; Percent complete: 83.7%; Average loss: 1.1436  
Iteration: 3349; Percent complete: 83.7%; Average loss: 1.0301  
Iteration: 3350; Percent complete: 83.8%; Average loss: 1.2429  
Iteration: 3351; Percent complete: 83.8%; Average loss: 1.1875  
Iteration: 3352; Percent complete: 83.8%; Average loss: 1.3866  
Iteration: 3353; Percent complete: 83.8%; Average loss: 1.1623  
Iteration: 3354; Percent complete: 83.9%; Average loss: 1.1262  
Iteration: 3355; Percent complete: 83.9%; Average loss: 1.2643  
Iteration: 3356; Percent complete: 83.9%; Average loss: 1.0995  
Iteration: 3357; Percent complete: 83.9%; Average loss: 1.2177  
Iteration: 3358; Percent complete: 84.0%; Average loss: 1.3421  
Iteration: 3359; Percent complete: 84.0%; Average loss: 1.0493  
Iteration: 3360; Percent complete: 84.0%; Average loss: 1.2090  
Iteration: 3361; Percent complete: 84.0%; Average loss: 1.0443  
Iteration: 3362; Percent complete: 84.0%; Average loss: 1.2657  
Iteration: 3363; Percent complete: 84.1%; Average loss: 1.2379  
Iteration: 3364; Percent complete: 84.1%; Average loss: 1.3465  
Iteration: 3365; Percent complete: 84.1%; Average loss: 1.3384  
Iteration: 3366; Percent complete: 84.2%; Average loss: 1.2208  
Iteration: 3367; Percent complete: 84.2%; Average loss: 1.1725  
Iteration: 3368; Percent complete: 84.2%; Average loss: 1.2651  
Iteration: 3369; Percent complete: 84.2%; Average loss: 1.1596  
Iteration: 3370; Percent complete: 84.2%; Average loss: 1.1322  
Iteration: 3371; Percent complete: 84.3%; Average loss: 1.2418  
Iteration: 3372; Percent complete: 84.3%; Average loss: 1.1836  
Iteration: 3373; Percent complete: 84.3%; Average loss: 1.2529  
Iteration: 3374; Percent complete: 84.4%; Average loss: 1.0886  
Iteration: 3375; Percent complete: 84.4%; Average loss: 1.1338  
Iteration: 3376; Percent complete: 84.4%; Average loss: 1.2529  
Iteration: 3377; Percent complete: 84.4%; Average loss: 1.1850  
Iteration: 3378; Percent complete: 84.5%; Average loss: 1.2821  
Iteration: 3379; Percent complete: 84.5%; Average loss: 1.0822  
Iteration: 3380; Percent complete: 84.5%; Average loss: 1.1677  
Iteration: 3381; Percent complete: 84.5%; Average loss: 1.1743  
Iteration: 3382; Percent complete: 84.5%; Average loss: 1.2636  
Iteration: 3383; Percent complete: 84.6%; Average loss: 1.1806  
Iteration: 3384; Percent complete: 84.6%; Average loss: 1.2747  
Iteration: 3385; Percent complete: 84.6%; Average loss: 1.1786  
Iteration: 3386; Percent complete: 84.7%; Average loss: 1.1555  
Iteration: 3387; Percent complete: 84.7%; Average loss: 0.9798  
Iteration: 3388; Percent complete: 84.7%; Average loss: 1.1626  
Iteration: 3389; Percent complete: 84.7%; Average loss: 1.1211  
Iteration: 3390; Percent complete: 84.8%; Average loss: 1.1202  
Iteration: 3391; Percent complete: 84.8%; Average loss: 1.2180  
Iteration: 3392; Percent complete: 84.8%; Average loss: 1.1911  
Iteration: 3393; Percent complete: 84.8%; Average loss: 1.2177  
Iteration: 3394; Percent complete: 84.9%; Average loss: 1.3354  
Iteration: 3395; Percent complete: 84.9%; Average loss: 1.1887  
Iteration: 3396; Percent complete: 84.9%; Average loss: 1.2258  
Iteration: 3397; Percent complete: 84.9%; Average loss: 1.2183  
Iteration: 3398; Percent complete: 85.0%; Average loss: 1.1099  
Iteration: 3399; Percent complete: 85.0%; Average loss: 1.1775  
Iteration: 3400; Percent complete: 85.0%; Average loss: 1.2010  
Iteration: 3401; Percent complete: 85.0%; Average loss: 1.0381  
Iteration: 3402; Percent complete: 85.0%; Average loss: 1.2111  
Iteration: 3403; Percent complete: 85.1%; Average loss: 1.2259  
Iteration: 3404; Percent complete: 85.1%; Average loss: 1.0969  
Iteration: 3405; Percent complete: 85.1%; Average loss: 1.2757  
Iteration: 3406; Percent complete: 85.2%; Average loss: 1.3726  
Iteration: 3407; Percent complete: 85.2%; Average loss: 1.2478  
Iteration: 3408; Percent complete: 85.2%; Average loss: 1.1540  
Iteration: 3409; Percent complete: 85.2%; Average loss: 1.2417  
Iteration: 3410; Percent complete: 85.2%; Average loss: 1.1745  
Iteration: 3411; Percent complete: 85.3%; Average loss: 1.3728  
Iteration: 3412; Percent complete: 85.3%; Average loss: 1.1470  
Iteration: 3413; Percent complete: 85.3%; Average loss: 1.1818  
Iteration: 3414; Percent complete: 85.4%; Average loss: 0.9603  
Iteration: 3415; Percent complete: 85.4%; Average loss: 1.1402  
Iteration: 3416; Percent complete: 85.4%; Average loss: 1.3279  
Iteration: 3417; Percent complete: 85.4%; Average loss: 1.4286  
Iteration: 3418; Percent complete: 85.5%; Average loss: 1.3690  
Iteration: 3419; Percent complete: 85.5%; Average loss: 1.2418  
Iteration: 3420; Percent complete: 85.5%; Average loss: 1.6112  
Iteration: 3421; Percent complete: 85.5%; Average loss: 1.0834  
Iteration: 3422; Percent complete: 85.5%; Average loss: 1.3374  
Iteration: 3423; Percent complete: 85.6%; Average loss: 1.1390  
Iteration: 3424; Percent complete: 85.6%; Average loss: 1.2875  
Iteration: 3425; Percent complete: 85.6%; Average loss: 1.0921  
Iteration: 3426; Percent complete: 85.7%; Average loss: 1.3546  
Iteration: 3427; Percent complete: 85.7%; Average loss: 1.2112  
Iteration: 3428; Percent complete: 85.7%; Average loss: 1.2928  
Iteration: 3429; Percent complete: 85.7%; Average loss: 1.1831  
Iteration: 3430; Percent complete: 85.8%; Average loss: 1.2289  
Iteration: 3431; Percent complete: 85.8%; Average loss: 1.3207  
Iteration: 3432; Percent complete: 85.8%; Average loss: 1.1597  
Iteration: 3433; Percent complete: 85.8%; Average loss: 1.2351  
Iteration: 3434; Percent complete: 85.9%; Average loss: 1.2093  
Iteration: 3435; Percent complete: 85.9%; Average loss: 1.4187



|            |       |         |           |        |         |       |       |
|------------|-------|---------|-----------|--------|---------|-------|-------|
| Iteration: | 3527; | Percent | complete: | 88.2%; | Average | loss: | 1.408 |
| Iteration: | 3528; | Percent | complete: | 88.2%; | Average | loss: | 1.078 |
| Iteration: | 3529; | Percent | complete: | 88.2%; | Average | loss: | 1.235 |
| Iteration: | 3530; | Percent | complete: | 88.2%; | Average | loss: | 1.295 |
| Iteration: | 3531; | Percent | complete: | 88.3%; | Average | loss: | 1.286 |
| Iteration: | 3532; | Percent | complete: | 88.3%; | Average | loss: | 1.254 |
| Iteration: | 3533; | Percent | complete: | 88.3%; | Average | loss: | 1.128 |
| Iteration: | 3534; | Percent | complete: | 88.3%; | Average | loss: | 1.336 |
| Iteration: | 3535; | Percent | complete: | 88.4%; | Average | loss: | 1.193 |
| Iteration: | 3536; | Percent | complete: | 88.4%; | Average | loss: | 1.202 |
| Iteration: | 3537; | Percent | complete: | 88.4%; | Average | loss: | 1.311 |
| Iteration: | 3538; | Percent | complete: | 88.4%; | Average | loss: | 1.301 |
| Iteration: | 3539; | Percent | complete: | 88.5%; | Average | loss: | 1.266 |
| Iteration: | 3540; | Percent | complete: | 88.5%; | Average | loss: | 1.133 |
| Iteration: | 3541; | Percent | complete: | 88.5%; | Average | loss: | 1.211 |
| Iteration: | 3542; | Percent | complete: | 88.5%; | Average | loss: | 1.025 |
| Iteration: | 3543; | Percent | complete: | 88.6%; | Average | loss: | 1.402 |
| Iteration: | 3544; | Percent | complete: | 88.6%; | Average | loss: | 1.153 |
| Iteration: | 3545; | Percent | complete: | 88.6%; | Average | loss: | 1.346 |
| Iteration: | 3546; | Percent | complete: | 88.6%; | Average | loss: | 1.155 |
| Iteration: | 3547; | Percent | complete: | 88.7%; | Average | loss: | 0.998 |
| Iteration: | 3548; | Percent | complete: | 88.7%; | Average | loss: | 1.143 |
| Iteration: | 3549; | Percent | complete: | 88.7%; | Average | loss: | 1.411 |
| Iteration: | 3550; | Percent | complete: | 88.8%; | Average | loss: | 1.578 |
| Iteration: | 3551; | Percent | complete: | 88.8%; | Average | loss: | 1.114 |
| Iteration: | 3552; | Percent | complete: | 88.8%; | Average | loss: | 1.063 |
| Iteration: | 3553; | Percent | complete: | 88.8%; | Average | loss: | 1.305 |
| Iteration: | 3554; | Percent | complete: | 88.8%; | Average | loss: | 1.185 |
| Iteration: | 3555; | Percent | complete: | 88.9%; | Average | loss: | 1.237 |
| Iteration: | 3556; | Percent | complete: | 88.9%; | Average | loss: | 1.098 |
| Iteration: | 3557; | Percent | complete: | 88.9%; | Average | loss: | 1.239 |
| Iteration: | 3558; | Percent | complete: | 88.9%; | Average | loss: | 1.337 |
| Iteration: | 3559; | Percent | complete: | 89.0%; | Average | loss: | 1.506 |
| Iteration: | 3560; | Percent | complete: | 89.0%; | Average | loss: | 1.091 |
| Iteration: | 3561; | Percent | complete: | 89.0%; | Average | loss: | 1.123 |
| Iteration: | 3562; | Percent | complete: | 89.0%; | Average | loss: | 1.366 |
| Iteration: | 3563; | Percent | complete: | 89.1%; | Average | loss: | 1.381 |
| Iteration: | 3564; | Percent | complete: | 89.1%; | Average | loss: | 1.175 |
| Iteration: | 3565; | Percent | complete: | 89.1%; | Average | loss: | 1.325 |
| Iteration: | 3566; | Percent | complete: | 89.1%; | Average | loss: | 1.179 |
| Iteration: | 3567; | Percent | complete: | 89.2%; | Average | loss: | 1.096 |
| Iteration: | 3568; | Percent | complete: | 89.2%; | Average | loss: | 1.037 |
| Iteration: | 3569; | Percent | complete: | 89.2%; | Average | loss: | 1.144 |
| Iteration: | 3570; | Percent | complete: | 89.2%; | Average | loss: | 1.263 |
| Iteration: | 3571; | Percent | complete: | 89.3%; | Average | loss: | 1.213 |
| Iteration: | 3572; | Percent | complete: | 89.3%; | Average | loss: | 1.154 |
| Iteration: | 3573; | Percent | complete: | 89.3%; | Average | loss: | 1.217 |
| Iteration: | 3574; | Percent | complete: | 89.3%; | Average | loss: | 1.353 |
| Iteration: | 3575; | Percent | complete: | 89.4%; | Average | loss: | 1.077 |
| Iteration: | 3576; | Percent | complete: | 89.4%; | Average | loss: | 1.344 |
| Iteration: | 3577; | Percent | complete: | 89.4%; | Average | loss: | 0.979 |
| Iteration: | 3578; | Percent | complete: | 89.5%; | Average | loss: | 1.472 |
| Iteration: | 3579; | Percent | complete: | 89.5%; | Average | loss: | 1.335 |
| Iteration: | 3580; | Percent | complete: | 89.5%; | Average | loss: | 1.022 |
| Iteration: | 3581; | Percent | complete: | 89.5%; | Average | loss: | 1.087 |
| Iteration: | 3582; | Percent | complete: | 89.5%; | Average | loss: | 1.094 |
| Iteration: | 3583; | Percent | complete: | 89.6%; | Average | loss: | 1.201 |
| Iteration: | 3584; | Percent | complete: | 89.6%; | Average | loss: | 1.313 |
| Iteration: | 3585; | Percent | complete: | 89.6%; | Average | loss: | 1.242 |
| Iteration: | 3586; | Percent | complete: | 89.6%; | Average | loss: | 1.379 |
| Iteration: | 3587; | Percent | complete: | 89.7%; | Average | loss: | 1.092 |
| Iteration: | 3588; | Percent | complete: | 89.7%; | Average | loss: | 1.229 |
| Iteration: | 3589; | Percent | complete: | 89.7%; | Average | loss: | 1.363 |
| Iteration: | 3590; | Percent | complete: | 89.8%; | Average | loss: | 1.213 |
| Iteration: | 3591; | Percent | complete: | 89.8%; | Average | loss: | 1.104 |









Iteration: 3892; Percent complete: 97.5%; Average loss: 1.1145  
Iteration: 3893; Percent complete: 97.3%; Average loss: 1.2330  
Iteration: 3894; Percent complete: 97.4%; Average loss: 1.2608  
Iteration: 3895; Percent complete: 97.4%; Average loss: 1.3320  
Iteration: 3896; Percent complete: 97.4%; Average loss: 0.9546  
Iteration: 3897; Percent complete: 97.4%; Average loss: 1.2260  
Iteration: 3898; Percent complete: 97.5%; Average loss: 1.2930  
Iteration: 3899; Percent complete: 97.5%; Average loss: 1.3273  
Iteration: 3900; Percent complete: 97.5%; Average loss: 1.2207  
Iteration: 3901; Percent complete: 97.5%; Average loss: 1.1981  
Iteration: 3902; Percent complete: 97.5%; Average loss: 1.2154  
Iteration: 3903; Percent complete: 97.6%; Average loss: 1.1610  
Iteration: 3904; Percent complete: 97.6%; Average loss: 1.1663  
Iteration: 3905; Percent complete: 97.6%; Average loss: 1.0244  
Iteration: 3906; Percent complete: 97.7%; Average loss: 1.2898  
Iteration: 3907; Percent complete: 97.7%; Average loss: 1.5499  
Iteration: 3908; Percent complete: 97.7%; Average loss: 1.2330  
Iteration: 3909; Percent complete: 97.7%; Average loss: 1.4250  
Iteration: 3910; Percent complete: 97.8%; Average loss: 1.3034  
Iteration: 3911; Percent complete: 97.8%; Average loss: 1.2977  
Iteration: 3912; Percent complete: 97.8%; Average loss: 1.3962  
Iteration: 3913; Percent complete: 97.8%; Average loss: 1.1511  
Iteration: 3914; Percent complete: 97.9%; Average loss: 1.0921  
Iteration: 3915; Percent complete: 97.9%; Average loss: 1.3151  
Iteration: 3916; Percent complete: 97.9%; Average loss: 1.3580  
Iteration: 3917; Percent complete: 97.9%; Average loss: 1.2973  
Iteration: 3918; Percent complete: 98.0%; Average loss: 1.2594  
Iteration: 3919; Percent complete: 98.0%; Average loss: 1.2261  
Iteration: 3920; Percent complete: 98.0%; Average loss: 1.1302  
Iteration: 3921; Percent complete: 98.0%; Average loss: 1.3120  
Iteration: 3922; Percent complete: 98.0%; Average loss: 1.2337  
Iteration: 3923; Percent complete: 98.1%; Average loss: 1.4640  
Iteration: 3924; Percent complete: 98.1%; Average loss: 1.2036  
Iteration: 3925; Percent complete: 98.1%; Average loss: 1.3626  
Iteration: 3926; Percent complete: 98.2%; Average loss: 1.3303  
Iteration: 3927; Percent complete: 98.2%; Average loss: 1.1256  
Iteration: 3928; Percent complete: 98.2%; Average loss: 1.1025  
Iteration: 3929; Percent complete: 98.2%; Average loss: 1.3736  
Iteration: 3930; Percent complete: 98.2%; Average loss: 1.0220  
Iteration: 3931; Percent complete: 98.3%; Average loss: 1.0727  
Iteration: 3932; Percent complete: 98.3%; Average loss: 1.1614  
Iteration: 3933; Percent complete: 98.3%; Average loss: 1.2189  
Iteration: 3934; Percent complete: 98.4%; Average loss: 1.2430  
Iteration: 3935; Percent complete: 98.4%; Average loss: 1.2056  
Iteration: 3936; Percent complete: 98.4%; Average loss: 1.2014  
Iteration: 3937; Percent complete: 98.4%; Average loss: 1.3394  
Iteration: 3938; Percent complete: 98.5%; Average loss: 1.1973  
Iteration: 3939; Percent complete: 98.5%; Average loss: 1.0364  
Iteration: 3940; Percent complete: 98.5%; Average loss: 1.2850  
Iteration: 3941; Percent complete: 98.5%; Average loss: 1.3037  
Iteration: 3942; Percent complete: 98.6%; Average loss: 1.1493  
Iteration: 3943; Percent complete: 98.6%; Average loss: 1.1386  
Iteration: 3944; Percent complete: 98.6%; Average loss: 1.1792  
Iteration: 3945; Percent complete: 98.6%; Average loss: 1.2896  
Iteration: 3946; Percent complete: 98.7%; Average loss: 1.0487  
Iteration: 3947; Percent complete: 98.7%; Average loss: 1.2970  
Iteration: 3948; Percent complete: 98.7%; Average loss: 1.1111  
Iteration: 3949; Percent complete: 98.7%; Average loss: 1.2503  
Iteration: 3950; Percent complete: 98.8%; Average loss: 1.2290  
Iteration: 3951; Percent complete: 98.8%; Average loss: 1.1855  
Iteration: 3952; Percent complete: 98.8%; Average loss: 1.3345  
Iteration: 3953; Percent complete: 98.8%; Average loss: 1.1912  
Iteration: 3954; Percent complete: 98.9%; Average loss: 1.1000  
Iteration: 3955; Percent complete: 98.9%; Average loss: 1.1476  
Iteration: 3956; Percent complete: 98.9%; Average loss: 1.0425  
Iteration: 3957; Percent complete: 98.9%; Average loss: 1.3107  
Iteration: 3958; Percent complete: 99.0%; Average loss: 1.1941  
Iteration: 3959; Percent complete: 99.0%; Average loss: 1.2128  
Iteration: 3960; Percent complete: 99.0%; Average loss: 1.2499  
Iteration: 3961; Percent complete: 99.0%; Average loss: 1.3361  
Iteration: 3962; Percent complete: 99.1%; Average loss: 1.2329  
Iteration: 3963; Percent complete: 99.1%; Average loss: 1.3798  
Iteration: 3964; Percent complete: 99.1%; Average loss: 1.3780  
Iteration: 3965; Percent complete: 99.1%; Average loss: 1.2245  
Iteration: 3966; Percent complete: 99.2%; Average loss: 1.2848  
Iteration: 3967; Percent complete: 99.2%; Average loss: 1.1314  
Iteration: 3968; Percent complete: 99.2%; Average loss: 1.0621  
Iteration: 3969; Percent complete: 99.2%; Average loss: 1.0407  
Iteration: 3970; Percent complete: 99.2%; Average loss: 1.3219  
Iteration: 3971; Percent complete: 99.3%; Average loss: 1.3617  
Iteration: 3972; Percent complete: 99.3%; Average loss: 1.2304  
Iteration: 3973; Percent complete: 99.3%; Average loss: 1.1439  
Iteration: 3974; Percent complete: 99.4%; Average loss: 1.2685  
Iteration: 3975; Percent complete: 99.4%; Average loss: 1.1400  
Iteration: 3976; Percent complete: 99.4%; Average loss: 1.2888  
Iteration: 3977; Percent complete: 99.4%; Average loss: 1.3096  
Iteration: 3978; Percent complete: 99.5%; Average loss: 1.2319  
Iteration: 3979; Percent complete: 99.5%; Average loss: 1.3116  
Iteration: 3980; Percent complete: 99.5%; Average loss: 1.2497  
Iteration: 3981; Percent complete: 99.5%; Average loss: 1.2931  
Iteration: 3982; Percent complete: 99.6%; Average loss: 1.3133  
Iteration: 3983; Percent complete: 99.6%; Average loss: 1.4311

Iteration: 3984; Percent complete: 99.6%; Average loss: 1.2384  
Iteration: 3985; Percent complete: 99.6%; Average loss: 1.1561  
Iteration: 3986; Percent complete: 99.7%; Average loss: 1.1271  
Iteration: 3987; Percent complete: 99.7%; Average loss: 0.9583  
Iteration: 3988; Percent complete: 99.7%; Average loss: 1.2351  
Iteration: 3989; Percent complete: 99.7%; Average loss: 1.3398  
Iteration: 3990; Percent complete: 99.8%; Average loss: 1.1474  
Iteration: 3991; Percent complete: 99.8%; Average loss: 1.3383  
Iteration: 3992; Percent complete: 99.8%; Average loss: 1.2479  
Iteration: 3993; Percent complete: 99.8%; Average loss: 1.2997  
Iteration: 3994; Percent complete: 99.9%; Average loss: 1.0482  
Iteration: 3995; Percent complete: 99.9%; Average loss: 1.1683  
Iteration: 3996; Percent complete: 99.9%; Average loss: 1.2567  
Iteration: 3997; Percent complete: 99.9%; Average loss: 1.1921  
Iteration: 3998; Percent complete: 100.0%; Average loss: 1.2969  
Iteration: 3999; Percent complete: 100.0%; Average loss: 1.3584  
Iteration: 4000; Percent complete: 100.0%; Average loss: 1.0925

Run history:



Run summary:

batch loss 1.09247  
epoch 9  
loss 1.23857

View run **chocolate-sweep-9** at: <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps/runs/ycj3rwla>  
View project at: <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps>  
Synced 5 W&B file(s), 0 media file(s), 0 artifact file(s) and 0 other file(s)  
Find logs at: ./wandb/run-20250928\_214500-ycj3rwla/logs  
**wandb**: Agent Starting Run: s0chi5ni with config:  
**wandb**: clip: 0  
**wandb**: decoder\_learning\_ratio: 5  
**wandb**: learning\_rate: 0.0005  
**wandb**: optimizer: adam  
**wandb**: teacher\_forcing\_ratio: 1  
Tracking run with wandb version 0.22.0  
Run data is saved locally in /content/wandb/run-20250928\_214858-s0chi5ni  
Syncing run **summer-sweep-10** to [Weights & Biases \(docs\)](#)  
Sweep page: <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps/sweeps/jvrgq7fy>  
View project at <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps>  
View sweep at <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps/sweeps/jvrgq7fy>  
View run at <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps/runs/s0chi5ni>

Building optimizers ...  
Starting Training!  
Initializing ...  
Training...

Iteration: 1; Percent complete: 0.0%; Average loss: 1.1797  
Iteration: 2; Percent complete: 0.1%; Average loss: 1.2025  
Iteration: 3; Percent complete: 0.1%; Average loss: 1.1567  
Iteration: 4; Percent complete: 0.1%; Average loss: 1.3760  
Iteration: 5; Percent complete: 0.1%; Average loss: 1.2572  
Iteration: 6; Percent complete: 0.1%; Average loss: 1.2160  
Iteration: 7; Percent complete: 0.2%; Average loss: 1.3619  
Iteration: 8; Percent complete: 0.2%; Average loss: 1.3087  
Iteration: 9; Percent complete: 0.2%; Average loss: 1.3071  
Iteration: 10; Percent complete: 0.2%; Average loss: 1.2429  
Iteration: 11; Percent complete: 0.3%; Average loss: 1.2264  
Iteration: 12; Percent complete: 0.3%; Average loss: 1.1455  
Iteration: 13; Percent complete: 0.3%; Average loss: 1.0903  
Iteration: 14; Percent complete: 0.4%; Average loss: 1.3612  
Iteration: 15; Percent complete: 0.4%; Average loss: 1.3453  
Iteration: 16; Percent complete: 0.4%; Average loss: 1.1410  
Iteration: 17; Percent complete: 0.4%; Average loss: 1.3474  
Iteration: 18; Percent complete: 0.4%; Average loss: 1.2086  
Iteration: 19; Percent complete: 0.5%; Average loss: 1.2852  
Iteration: 20; Percent complete: 0.5%; Average loss: 1.3154  
Iteration: 21; Percent complete: 0.5%; Average loss: 1.3010  
Iteration: 22; Percent complete: 0.5%; Average loss: 1.4335  
Iteration: 23; Percent complete: 0.6%; Average loss: 1.2809  
Iteration: 24; Percent complete: 0.6%; Average loss: 1.2118  
Iteration: 25; Percent complete: 0.6%; Average loss: 1.1770  
Iteration: 26; Percent complete: 0.7%; Average loss: 1.1614  
Iteration: 27; Percent complete: 0.7%; Average loss: 1.0755  
Iteration: 28; Percent complete: 0.7%; Average loss: 1.2941  
Iteration: 29; Percent complete: 0.7%; Average loss: 1.2434  
Iteration: 30; Percent complete: 0.8%; Average loss: 1.3281  
Iteration: 31; Percent complete: 0.8%; Average loss: 1.1861  
Iteration: 32; Percent complete: 0.8%; Average loss: 1.1622  
Iteration: 33; Percent complete: 0.8%; Average loss: 1.3190  
Iteration: 34; Percent complete: 0.9%; Average loss: 1.0546  
Iteration: 35; Percent complete: 0.9%; Average loss: 1.3380

Iteration: 36; Percent complete: 0.9%; Average loss: 1.1683  
Iteration: 37; Percent complete: 0.9%; Average loss: 1.4055  
Iteration: 38; Percent complete: 0.9%; Average loss: 1.3073  
Iteration: 39; Percent complete: 1.0%; Average loss: 1.6537  
Iteration: 40; Percent complete: 1.0%; Average loss: 1.3070  
Iteration: 41; Percent complete: 1.0%; Average loss: 1.1063  
Iteration: 42; Percent complete: 1.1%; Average loss: 1.2984  
Iteration: 43; Percent complete: 1.1%; Average loss: 1.2697  
Iteration: 44; Percent complete: 1.1%; Average loss: 1.2592  
Iteration: 45; Percent complete: 1.1%; Average loss: 1.0464  
Iteration: 46; Percent complete: 1.1%; Average loss: 1.4346  
Iteration: 47; Percent complete: 1.2%; Average loss: 1.3668  
Iteration: 48; Percent complete: 1.2%; Average loss: 1.2185  
Iteration: 49; Percent complete: 1.2%; Average loss: 1.3201  
Iteration: 50; Percent complete: 1.2%; Average loss: 1.5025  
Iteration: 51; Percent complete: 1.3%; Average loss: 1.1584  
Iteration: 52; Percent complete: 1.3%; Average loss: 1.3049  
Iteration: 53; Percent complete: 1.3%; Average loss: 1.1740  
Iteration: 54; Percent complete: 1.4%; Average loss: 1.4583  
Iteration: 55; Percent complete: 1.4%; Average loss: 1.1863  
Iteration: 56; Percent complete: 1.4%; Average loss: 1.2747  
Iteration: 57; Percent complete: 1.4%; Average loss: 1.2902  
Iteration: 58; Percent complete: 1.5%; Average loss: 1.4898  
Iteration: 59; Percent complete: 1.5%; Average loss: 1.0630  
Iteration: 60; Percent complete: 1.5%; Average loss: 1.1910  
Iteration: 61; Percent complete: 1.5%; Average loss: 1.1814  
Iteration: 62; Percent complete: 1.6%; Average loss: 1.1134  
Iteration: 63; Percent complete: 1.6%; Average loss: 1.0938  
Iteration: 64; Percent complete: 1.6%; Average loss: 1.4354  
Iteration: 65; Percent complete: 1.6%; Average loss: 1.3062  
Iteration: 66; Percent complete: 1.7%; Average loss: 1.1157  
Iteration: 67; Percent complete: 1.7%; Average loss: 1.1457  
Iteration: 68; Percent complete: 1.7%; Average loss: 1.1187  
Iteration: 69; Percent complete: 1.7%; Average loss: 1.3073  
Iteration: 70; Percent complete: 1.8%; Average loss: 1.0327  
Iteration: 71; Percent complete: 1.8%; Average loss: 1.2724  
Iteration: 72; Percent complete: 1.8%; Average loss: 1.2435  
Iteration: 73; Percent complete: 1.8%; Average loss: 1.3475  
Iteration: 74; Percent complete: 1.8%; Average loss: 1.4052  
Iteration: 75; Percent complete: 1.9%; Average loss: 1.1664  
Iteration: 76; Percent complete: 1.9%; Average loss: 1.0045  
Iteration: 77; Percent complete: 1.9%; Average loss: 1.3838  
Iteration: 78; Percent complete: 1.9%; Average loss: 1.0425  
Iteration: 79; Percent complete: 2.0%; Average loss: 1.3687  
Iteration: 80; Percent complete: 2.0%; Average loss: 1.2623  
Iteration: 81; Percent complete: 2.0%; Average loss: 1.4148  
Iteration: 82; Percent complete: 2.1%; Average loss: 1.1243  
Iteration: 83; Percent complete: 2.1%; Average loss: 1.1246  
Iteration: 84; Percent complete: 2.1%; Average loss: 1.1994  
Iteration: 85; Percent complete: 2.1%; Average loss: 1.1916  
Iteration: 86; Percent complete: 2.1%; Average loss: 1.1384  
Iteration: 87; Percent complete: 2.2%; Average loss: 1.3102  
Iteration: 88; Percent complete: 2.2%; Average loss: 1.2105  
Iteration: 89; Percent complete: 2.2%; Average loss: 1.2000  
Iteration: 90; Percent complete: 2.2%; Average loss: 1.1392  
Iteration: 91; Percent complete: 2.3%; Average loss: 1.2860  
Iteration: 92; Percent complete: 2.3%; Average loss: 1.2204  
Iteration: 93; Percent complete: 2.3%; Average loss: 1.1991  
Iteration: 94; Percent complete: 2.4%; Average loss: 1.4361  
Iteration: 95; Percent complete: 2.4%; Average loss: 1.2519  
Iteration: 96; Percent complete: 2.4%; Average loss: 1.1269  
Iteration: 97; Percent complete: 2.4%; Average loss: 1.3838  
Iteration: 98; Percent complete: 2.5%; Average loss: 1.1513  
Iteration: 99; Percent complete: 2.5%; Average loss: 1.0788  
Iteration: 100; Percent complete: 2.5%; Average loss: 1.3005  
Iteration: 101; Percent complete: 2.5%; Average loss: 1.3155  
Iteration: 102; Percent complete: 2.5%; Average loss: 1.1445  
Iteration: 103; Percent complete: 2.6%; Average loss: 1.2142  
Iteration: 104; Percent complete: 2.6%; Average loss: 1.3170  
Iteration: 105; Percent complete: 2.6%; Average loss: 1.1478  
Iteration: 106; Percent complete: 2.6%; Average loss: 1.1913  
Iteration: 107; Percent complete: 2.7%; Average loss: 1.1735  
Iteration: 108; Percent complete: 2.7%; Average loss: 1.2058  
Iteration: 109; Percent complete: 2.7%; Average loss: 1.4100  
Iteration: 110; Percent complete: 2.8%; Average loss: 1.1813  
Iteration: 111; Percent complete: 2.8%; Average loss: 0.9630  
Iteration: 112; Percent complete: 2.8%; Average loss: 1.1703  
Iteration: 113; Percent complete: 2.8%; Average loss: 1.1068  
Iteration: 114; Percent complete: 2.9%; Average loss: 1.4003  
Iteration: 115; Percent complete: 2.9%; Average loss: 1.2737  
Iteration: 116; Percent complete: 2.9%; Average loss: 1.2722  
Iteration: 117; Percent complete: 2.9%; Average loss: 1.5320  
Iteration: 118; Percent complete: 2.9%; Average loss: 1.3198  
Iteration: 119; Percent complete: 3.0%; Average loss: 1.0832  
Iteration: 120; Percent complete: 3.0%; Average loss: 1.1830  
Iteration: 121; Percent complete: 3.0%; Average loss: 1.2299  
Iteration: 122; Percent complete: 3.0%; Average loss: 1.2875  
Iteration: 123; Percent complete: 3.1%; Average loss: 1.1547  
Iteration: 124; Percent complete: 3.1%; Average loss: 1.3648  
Iteration: 125; Percent complete: 3.1%; Average loss: 1.1734  
Iteration: 126; Percent complete: 3.1%; Average loss: 1.2818

Iteration: 127; Percent complete: 3.2%; Average loss: 1.1810  
Iteration: 128; Percent complete: 3.2%; Average loss: 1.2447  
Iteration: 129; Percent complete: 3.2%; Average loss: 1.2684  
Iteration: 130; Percent complete: 3.2%; Average loss: 1.4986  
Iteration: 131; Percent complete: 3.3%; Average loss: 1.1518  
Iteration: 132; Percent complete: 3.3%; Average loss: 1.1637  
Iteration: 133; Percent complete: 3.3%; Average loss: 1.1592  
Iteration: 134; Percent complete: 3.4%; Average loss: 1.0650  
Iteration: 135; Percent complete: 3.4%; Average loss: 1.1131  
Iteration: 136; Percent complete: 3.4%; Average loss: 1.2664  
Iteration: 137; Percent complete: 3.4%; Average loss: 1.2079  
Iteration: 138; Percent complete: 3.5%; Average loss: 1.2393  
Iteration: 139; Percent complete: 3.5%; Average loss: 1.2459  
Iteration: 140; Percent complete: 3.5%; Average loss: 1.1943  
Iteration: 141; Percent complete: 3.5%; Average loss: 1.1273  
Iteration: 142; Percent complete: 3.5%; Average loss: 1.2323  
Iteration: 143; Percent complete: 3.6%; Average loss: 1.3495  
Iteration: 144; Percent complete: 3.6%; Average loss: 1.3229  
Iteration: 145; Percent complete: 3.6%; Average loss: 1.1524  
Iteration: 146; Percent complete: 3.6%; Average loss: 1.2546  
Iteration: 147; Percent complete: 3.7%; Average loss: 1.4688  
Iteration: 148; Percent complete: 3.7%; Average loss: 1.4666  
Iteration: 149; Percent complete: 3.7%; Average loss: 1.2958  
Iteration: 150; Percent complete: 3.8%; Average loss: 1.4563  
Iteration: 151; Percent complete: 3.8%; Average loss: 1.0998  
Iteration: 152; Percent complete: 3.8%; Average loss: 1.1531  
Iteration: 153; Percent complete: 3.8%; Average loss: 1.3497  
Iteration: 154; Percent complete: 3.9%; Average loss: 1.2220  
Iteration: 155; Percent complete: 3.9%; Average loss: 1.0697  
Iteration: 156; Percent complete: 3.9%; Average loss: 1.0266  
Iteration: 157; Percent complete: 3.9%; Average loss: 1.0105  
Iteration: 158; Percent complete: 4.0%; Average loss: 1.1954  
Iteration: 159; Percent complete: 4.0%; Average loss: 1.4210  
Iteration: 160; Percent complete: 4.0%; Average loss: 0.9647  
Iteration: 161; Percent complete: 4.0%; Average loss: 1.3154  
Iteration: 162; Percent complete: 4.0%; Average loss: 1.2054  
Iteration: 163; Percent complete: 4.1%; Average loss: 1.4292  
Iteration: 164; Percent complete: 4.1%; Average loss: 1.1577  
Iteration: 165; Percent complete: 4.1%; Average loss: 1.2907  
Iteration: 166; Percent complete: 4.2%; Average loss: 1.1303  
Iteration: 167; Percent complete: 4.2%; Average loss: 1.4081  
Iteration: 168; Percent complete: 4.2%; Average loss: 1.4450  
Iteration: 169; Percent complete: 4.2%; Average loss: 1.3570  
Iteration: 170; Percent complete: 4.2%; Average loss: 1.3432  
Iteration: 171; Percent complete: 4.3%; Average loss: 1.2332  
Iteration: 172; Percent complete: 4.3%; Average loss: 1.3046  
Iteration: 173; Percent complete: 4.3%; Average loss: 1.4735  
Iteration: 174; Percent complete: 4.3%; Average loss: 1.2231  
Iteration: 175; Percent complete: 4.4%; Average loss: 1.0334  
Iteration: 176; Percent complete: 4.4%; Average loss: 1.2196  
Iteration: 177; Percent complete: 4.4%; Average loss: 1.1989  
Iteration: 178; Percent complete: 4.5%; Average loss: 1.1256  
Iteration: 179; Percent complete: 4.5%; Average loss: 1.4647  
Iteration: 180; Percent complete: 4.5%; Average loss: 1.1329  
Iteration: 181; Percent complete: 4.5%; Average loss: 1.2555  
Iteration: 182; Percent complete: 4.5%; Average loss: 1.6232  
Iteration: 183; Percent complete: 4.6%; Average loss: 1.0923  
Iteration: 184; Percent complete: 4.6%; Average loss: 1.2147  
Iteration: 185; Percent complete: 4.6%; Average loss: 1.2173  
Iteration: 186; Percent complete: 4.7%; Average loss: 1.2008  
Iteration: 187; Percent complete: 4.7%; Average loss: 1.2061  
Iteration: 188; Percent complete: 4.7%; Average loss: 1.2600  
Iteration: 189; Percent complete: 4.7%; Average loss: 1.1250  
Iteration: 190; Percent complete: 4.8%; Average loss: 1.2062  
Iteration: 191; Percent complete: 4.8%; Average loss: 1.3117  
Iteration: 192; Percent complete: 4.8%; Average loss: 1.2390  
Iteration: 193; Percent complete: 4.8%; Average loss: 1.1422  
Iteration: 194; Percent complete: 4.9%; Average loss: 1.1243  
Iteration: 195; Percent complete: 4.9%; Average loss: 1.2614  
Iteration: 196; Percent complete: 4.9%; Average loss: 1.0778  
Iteration: 197; Percent complete: 4.9%; Average loss: 1.3200  
Iteration: 198; Percent complete: 5.0%; Average loss: 1.3331  
Iteration: 199; Percent complete: 5.0%; Average loss: 1.5325  
Iteration: 200; Percent complete: 5.0%; Average loss: 1.2760  
Iteration: 201; Percent complete: 5.0%; Average loss: 1.3286  
Iteration: 202; Percent complete: 5.1%; Average loss: 1.1242  
Iteration: 203; Percent complete: 5.1%; Average loss: 1.4212  
Iteration: 204; Percent complete: 5.1%; Average loss: 1.2885  
Iteration: 205; Percent complete: 5.1%; Average loss: 1.3074  
Iteration: 206; Percent complete: 5.1%; Average loss: 1.1883  
Iteration: 207; Percent complete: 5.2%; Average loss: 1.3843  
Iteration: 208; Percent complete: 5.2%; Average loss: 1.2163  
Iteration: 209; Percent complete: 5.2%; Average loss: 1.3501  
Iteration: 210; Percent complete: 5.2%; Average loss: 1.4259  
Iteration: 211; Percent complete: 5.3%; Average loss: 1.4605  
Iteration: 212; Percent complete: 5.3%; Average loss: 1.2439  
Iteration: 213; Percent complete: 5.3%; Average loss: 1.1936  
Iteration: 214; Percent complete: 5.3%; Average loss: 1.2667  
Iteration: 215; Percent complete: 5.4%; Average loss: 1.3009  
Iteration: 216; Percent complete: 5.4%; Average loss: 1.3745  
Iteration: 217; Percent complete: 5.4%; Average loss: 1.0220

Iteration: 218; Percent complete: 5.5%; Average loss: 1.2214  
Iteration: 219; Percent complete: 5.5%; Average loss: 1.1233  
Iteration: 220; Percent complete: 5.5%; Average loss: 1.1998  
Iteration: 221; Percent complete: 5.5%; Average loss: 1.3029  
Iteration: 222; Percent complete: 5.5%; Average loss: 1.2192  
Iteration: 223; Percent complete: 5.6%; Average loss: 1.0493  
Iteration: 224; Percent complete: 5.6%; Average loss: 1.4282  
Iteration: 225; Percent complete: 5.6%; Average loss: 1.1306  
Iteration: 226; Percent complete: 5.7%; Average loss: 1.1032  
Iteration: 227; Percent complete: 5.7%; Average loss: 1.1130  
Iteration: 228; Percent complete: 5.7%; Average loss: 1.2311  
Iteration: 229; Percent complete: 5.7%; Average loss: 1.3840  
Iteration: 230; Percent complete: 5.8%; Average loss: 1.2141  
Iteration: 231; Percent complete: 5.8%; Average loss: 1.1923  
Iteration: 232; Percent complete: 5.8%; Average loss: 1.1370  
Iteration: 233; Percent complete: 5.8%; Average loss: 1.2804  
Iteration: 234; Percent complete: 5.9%; Average loss: 1.1926  
Iteration: 235; Percent complete: 5.9%; Average loss: 1.1908  
Iteration: 236; Percent complete: 5.9%; Average loss: 1.3073  
Iteration: 237; Percent complete: 5.9%; Average loss: 1.1625  
Iteration: 238; Percent complete: 5.9%; Average loss: 1.1963  
Iteration: 239; Percent complete: 6.0%; Average loss: 1.1850  
Iteration: 240; Percent complete: 6.0%; Average loss: 1.4435  
Iteration: 241; Percent complete: 6.0%; Average loss: 1.5433  
Iteration: 242; Percent complete: 6.0%; Average loss: 1.2536  
Iteration: 243; Percent complete: 6.1%; Average loss: 1.5370  
Iteration: 244; Percent complete: 6.1%; Average loss: 1.4661  
Iteration: 245; Percent complete: 6.1%; Average loss: 1.3522  
Iteration: 246; Percent complete: 6.2%; Average loss: 1.4105  
Iteration: 247; Percent complete: 6.2%; Average loss: 1.4523  
Iteration: 248; Percent complete: 6.2%; Average loss: 1.1430  
Iteration: 249; Percent complete: 6.2%; Average loss: 1.4124  
Iteration: 250; Percent complete: 6.2%; Average loss: 1.1502  
Iteration: 251; Percent complete: 6.3%; Average loss: 1.1486  
Iteration: 252; Percent complete: 6.3%; Average loss: 1.2567  
Iteration: 253; Percent complete: 6.3%; Average loss: 1.3797  
Iteration: 254; Percent complete: 6.3%; Average loss: 1.2494  
Iteration: 255; Percent complete: 6.4%; Average loss: 1.2850  
Iteration: 256; Percent complete: 6.4%; Average loss: 1.2126  
Iteration: 257; Percent complete: 6.4%; Average loss: 1.2850  
Iteration: 258; Percent complete: 6.5%; Average loss: 1.1851  
Iteration: 259; Percent complete: 6.5%; Average loss: 1.1220  
Iteration: 260; Percent complete: 6.5%; Average loss: 1.1300  
Iteration: 261; Percent complete: 6.5%; Average loss: 1.2527  
Iteration: 262; Percent complete: 6.6%; Average loss: 1.2119  
Iteration: 263; Percent complete: 6.6%; Average loss: 1.3154  
Iteration: 264; Percent complete: 6.6%; Average loss: 1.3186  
Iteration: 265; Percent complete: 6.6%; Average loss: 1.5741  
Iteration: 266; Percent complete: 6.7%; Average loss: 1.2589  
Iteration: 267; Percent complete: 6.7%; Average loss: 1.0581  
Iteration: 268; Percent complete: 6.7%; Average loss: 1.1580  
Iteration: 269; Percent complete: 6.7%; Average loss: 1.2952  
Iteration: 270; Percent complete: 6.8%; Average loss: 1.2636  
Iteration: 271; Percent complete: 6.8%; Average loss: 1.1584  
Iteration: 272; Percent complete: 6.8%; Average loss: 1.4256  
Iteration: 273; Percent complete: 6.8%; Average loss: 1.0083  
Iteration: 274; Percent complete: 6.9%; Average loss: 1.2056  
Iteration: 275; Percent complete: 6.9%; Average loss: 1.2958  
Iteration: 276; Percent complete: 6.9%; Average loss: 0.9702  
Iteration: 277; Percent complete: 6.9%; Average loss: 1.3477  
Iteration: 278; Percent complete: 7.0%; Average loss: 1.2735  
Iteration: 279; Percent complete: 7.0%; Average loss: 1.2271  
Iteration: 280; Percent complete: 7.0%; Average loss: 1.1606  
Iteration: 281; Percent complete: 7.0%; Average loss: 1.1598  
Iteration: 282; Percent complete: 7.0%; Average loss: 1.2900  
Iteration: 283; Percent complete: 7.1%; Average loss: 1.0823  
Iteration: 284; Percent complete: 7.1%; Average loss: 1.4350  
Iteration: 285; Percent complete: 7.1%; Average loss: 1.1583  
Iteration: 286; Percent complete: 7.1%; Average loss: 1.1522  
Iteration: 287; Percent complete: 7.2%; Average loss: 1.4721  
Iteration: 288; Percent complete: 7.2%; Average loss: 1.4345  
Iteration: 289; Percent complete: 7.2%; Average loss: 1.1055  
Iteration: 290; Percent complete: 7.2%; Average loss: 1.0784  
Iteration: 291; Percent complete: 7.3%; Average loss: 1.1631  
Iteration: 292; Percent complete: 7.3%; Average loss: 1.4453  
Iteration: 293; Percent complete: 7.3%; Average loss: 1.2379  
Iteration: 294; Percent complete: 7.3%; Average loss: 1.2843  
Iteration: 295; Percent complete: 7.4%; Average loss: 1.2860  
Iteration: 296; Percent complete: 7.4%; Average loss: 1.3879  
Iteration: 297; Percent complete: 7.4%; Average loss: 1.0385  
Iteration: 298; Percent complete: 7.4%; Average loss: 1.3365  
Iteration: 299; Percent complete: 7.5%; Average loss: 1.4682  
Iteration: 300; Percent complete: 7.5%; Average loss: 1.3345  
Iteration: 301; Percent complete: 7.5%; Average loss: 1.2284  
Iteration: 302; Percent complete: 7.5%; Average loss: 1.1697  
Iteration: 303; Percent complete: 7.6%; Average loss: 1.3147  
Iteration: 304; Percent complete: 7.6%; Average loss: 1.2372  
Iteration: 305; Percent complete: 7.6%; Average loss: 1.2704  
Iteration: 306; Percent complete: 7.6%; Average loss: 1.1654  
Iteration: 307; Percent complete: 7.7%; Average loss: 1.3626  
Iteration: 308; Percent complete: 7.7%; Average loss: 1.1469  
Iteration: 309; Percent complete: 7.7%; Average loss: 1.2765



Iteration: 309; Percent complete: 7.7%; Average loss: 1.2705  
Iteration: 310; Percent complete: 7.8%; Average loss: 1.1944  
Iteration: 311; Percent complete: 7.8%; Average loss: 1.1781  
Iteration: 312; Percent complete: 7.8%; Average loss: 1.1492  
Iteration: 313; Percent complete: 7.8%; Average loss: 1.1905  
Iteration: 314; Percent complete: 7.8%; Average loss: 1.1653  
Iteration: 315; Percent complete: 7.9%; Average loss: 1.2535  
Iteration: 316; Percent complete: 7.9%; Average loss: 1.1350  
Iteration: 317; Percent complete: 7.9%; Average loss: 1.0548  
Iteration: 318; Percent complete: 8.0%; Average loss: 1.1851  
Iteration: 319; Percent complete: 8.0%; Average loss: 1.1224  
Iteration: 320; Percent complete: 8.0%; Average loss: 1.2597  
Iteration: 321; Percent complete: 8.0%; Average loss: 1.2931  
Iteration: 322; Percent complete: 8.1%; Average loss: 1.2490  
Iteration: 323; Percent complete: 8.1%; Average loss: 1.3761  
Iteration: 324; Percent complete: 8.1%; Average loss: 1.1167  
Iteration: 325; Percent complete: 8.1%; Average loss: 1.3950  
Iteration: 326; Percent complete: 8.2%; Average loss: 1.2061  
Iteration: 327; Percent complete: 8.2%; Average loss: 1.2511  
Iteration: 328; Percent complete: 8.2%; Average loss: 1.3491  
Iteration: 329; Percent complete: 8.2%; Average loss: 1.1864  
Iteration: 330; Percent complete: 8.2%; Average loss: 1.3053  
Iteration: 331; Percent complete: 8.3%; Average loss: 1.0936  
Iteration: 332; Percent complete: 8.3%; Average loss: 1.2015  
Iteration: 333; Percent complete: 8.3%; Average loss: 1.3152  
Iteration: 334; Percent complete: 8.3%; Average loss: 1.3239  
Iteration: 335; Percent complete: 8.4%; Average loss: 1.1867  
Iteration: 336; Percent complete: 8.4%; Average loss: 1.2736  
Iteration: 337; Percent complete: 8.4%; Average loss: 1.0023  
Iteration: 338; Percent complete: 8.5%; Average loss: 1.3875  
Iteration: 339; Percent complete: 8.5%; Average loss: 1.1892  
Iteration: 340; Percent complete: 8.5%; Average loss: 1.3901  
Iteration: 341; Percent complete: 8.5%; Average loss: 1.2246  
Iteration: 342; Percent complete: 8.6%; Average loss: 1.2087  
Iteration: 343; Percent complete: 8.6%; Average loss: 0.9574  
Iteration: 344; Percent complete: 8.6%; Average loss: 1.1603  
Iteration: 345; Percent complete: 8.6%; Average loss: 1.4467  
Iteration: 346; Percent complete: 8.6%; Average loss: 1.0899  
Iteration: 347; Percent complete: 8.7%; Average loss: 1.3454  
Iteration: 348; Percent complete: 8.7%; Average loss: 1.2151  
Iteration: 349; Percent complete: 8.7%; Average loss: 1.1004  
Iteration: 350; Percent complete: 8.8%; Average loss: 1.3370  
Iteration: 351; Percent complete: 8.8%; Average loss: 1.0601  
Iteration: 352; Percent complete: 8.8%; Average loss: 1.2465  
Iteration: 353; Percent complete: 8.8%; Average loss: 1.1733  
Iteration: 354; Percent complete: 8.8%; Average loss: 1.2059  
Iteration: 355; Percent complete: 8.9%; Average loss: 1.1576  
Iteration: 356; Percent complete: 8.9%; Average loss: 1.0995  
Iteration: 357; Percent complete: 8.9%; Average loss: 1.0264  
Iteration: 358; Percent complete: 8.9%; Average loss: 1.1085  
Iteration: 359; Percent complete: 9.0%; Average loss: 1.1068  
Iteration: 360; Percent complete: 9.0%; Average loss: 1.1814  
Iteration: 361; Percent complete: 9.0%; Average loss: 1.2853  
Iteration: 362; Percent complete: 9.0%; Average loss: 1.2956  
Iteration: 363; Percent complete: 9.1%; Average loss: 1.1378  
Iteration: 364; Percent complete: 9.1%; Average loss: 1.1105  
Iteration: 365; Percent complete: 9.1%; Average loss: 1.2776  
Iteration: 366; Percent complete: 9.2%; Average loss: 1.1508  
Iteration: 367; Percent complete: 9.2%; Average loss: 1.1926  
Iteration: 368; Percent complete: 9.2%; Average loss: 1.1728  
Iteration: 369; Percent complete: 9.2%; Average loss: 1.0999  
Iteration: 370; Percent complete: 9.2%; Average loss: 1.3284  
Iteration: 371; Percent complete: 9.3%; Average loss: 1.1623  
Iteration: 372; Percent complete: 9.3%; Average loss: 1.0139  
Iteration: 373; Percent complete: 9.3%; Average loss: 1.2460  
Iteration: 374; Percent complete: 9.3%; Average loss: 1.3495  
Iteration: 375; Percent complete: 9.4%; Average loss: 1.2818  
Iteration: 376; Percent complete: 9.4%; Average loss: 1.1935  
Iteration: 377; Percent complete: 9.4%; Average loss: 1.4017  
Iteration: 378; Percent complete: 9.4%; Average loss: 1.2106  
Iteration: 379; Percent complete: 9.5%; Average loss: 1.1573  
Iteration: 380; Percent complete: 9.5%; Average loss: 1.1229  
Iteration: 381; Percent complete: 9.5%; Average loss: 1.1771  
Iteration: 382; Percent complete: 9.6%; Average loss: 1.2006  
Iteration: 383; Percent complete: 9.6%; Average loss: 1.2781  
Iteration: 384; Percent complete: 9.6%; Average loss: 1.3129  
Iteration: 385; Percent complete: 9.6%; Average loss: 1.2869  
Iteration: 386; Percent complete: 9.7%; Average loss: 1.2310  
Iteration: 387; Percent complete: 9.7%; Average loss: 1.2326  
Iteration: 388; Percent complete: 9.7%; Average loss: 1.2367  
Iteration: 389; Percent complete: 9.7%; Average loss: 1.1960  
Iteration: 390; Percent complete: 9.8%; Average loss: 1.4682  
Iteration: 391; Percent complete: 9.8%; Average loss: 1.4208  
Iteration: 392; Percent complete: 9.8%; Average loss: 1.2944  
Iteration: 393; Percent complete: 9.8%; Average loss: 1.1677  
Iteration: 394; Percent complete: 9.8%; Average loss: 1.1290  
Iteration: 395; Percent complete: 9.9%; Average loss: 1.1514  
Iteration: 396; Percent complete: 9.9%; Average loss: 1.1979  
Iteration: 397; Percent complete: 9.9%; Average loss: 1.1737  
Iteration: 398; Percent complete: 10.0%; Average loss: 1.1676  
Iteration: 399; Percent complete: 10.0%; Average loss: 1.2328  
Iteration: 400; Percent complete: 10.0%; Average loss: 1.1961

|                 |                   |        |               |        |
|-----------------|-------------------|--------|---------------|--------|
| Iteration: 401; | Percent complete: | 10.0%; | Average loss: | 1.1898 |
| Iteration: 402; | Percent complete: | 10.1%; | Average loss: | 1.3673 |
| Iteration: 403; | Percent complete: | 10.1%; | Average loss: | 1.3947 |
| Iteration: 404; | Percent complete: | 10.1%; | Average loss: | 1.1443 |
| Iteration: 405; | Percent complete: | 10.1%; | Average loss: | 1.2753 |
| Iteration: 406; | Percent complete: | 10.2%; | Average loss: | 1.0315 |
| Iteration: 407; | Percent complete: | 10.2%; | Average loss: | 1.1630 |
| Iteration: 408; | Percent complete: | 10.2%; | Average loss: | 1.3746 |
| Iteration: 409; | Percent complete: | 10.2%; | Average loss: | 1.2929 |
| Iteration: 410; | Percent complete: | 10.2%; | Average loss: | 1.3930 |
| Iteration: 411; | Percent complete: | 10.3%; | Average loss: | 1.5006 |
| Iteration: 412; | Percent complete: | 10.3%; | Average loss: | 1.2415 |
| Iteration: 413; | Percent complete: | 10.3%; | Average loss: | 1.2035 |
| Iteration: 414; | Percent complete: | 10.3%; | Average loss: | 1.2432 |
| Iteration: 415; | Percent complete: | 10.4%; | Average loss: | 1.1479 |
| Iteration: 416; | Percent complete: | 10.4%; | Average loss: | 1.3719 |
| Iteration: 417; | Percent complete: | 10.4%; | Average loss: | 1.2735 |
| Iteration: 418; | Percent complete: | 10.4%; | Average loss: | 1.3374 |
| Iteration: 419; | Percent complete: | 10.5%; | Average loss: | 1.3388 |
| Iteration: 420; | Percent complete: | 10.5%; | Average loss: | 1.2579 |
| Iteration: 421; | Percent complete: | 10.5%; | Average loss: | 1.3231 |
| Iteration: 422; | Percent complete: | 10.5%; | Average loss: | 1.0228 |
| Iteration: 423; | Percent complete: | 10.6%; | Average loss: | 1.2908 |
| Iteration: 424; | Percent complete: | 10.6%; | Average loss: | 1.1811 |
| Iteration: 425; | Percent complete: | 10.6%; | Average loss: | 1.1663 |
| Iteration: 426; | Percent complete: | 10.7%; | Average loss: | 1.3723 |
| Iteration: 427; | Percent complete: | 10.7%; | Average loss: | 1.0860 |
| Iteration: 428; | Percent complete: | 10.7%; | Average loss: | 1.1307 |
| Iteration: 429; | Percent complete: | 10.7%; | Average loss: | 1.0583 |
| Iteration: 430; | Percent complete: | 10.8%; | Average loss: | 1.1891 |
| Iteration: 431; | Percent complete: | 10.8%; | Average loss: | 1.4044 |
| Iteration: 432; | Percent complete: | 10.8%; | Average loss: | 1.2396 |
| Iteration: 433; | Percent complete: | 10.8%; | Average loss: | 1.1728 |
| Iteration: 434; | Percent complete: | 10.8%; | Average loss: | 1.3572 |
| Iteration: 435; | Percent complete: | 10.9%; | Average loss: | 1.1447 |
| Iteration: 436; | Percent complete: | 10.9%; | Average loss: | 1.3145 |
| Iteration: 437; | Percent complete: | 10.9%; | Average loss: | 1.1992 |
| Iteration: 438; | Percent complete: | 10.9%; | Average loss: | 1.2049 |
| Iteration: 439; | Percent complete: | 11.0%; | Average loss: | 1.3690 |
| Iteration: 440; | Percent complete: | 11.0%; | Average loss: | 1.1639 |
| Iteration: 441; | Percent complete: | 11.0%; | Average loss: | 1.2624 |
| Iteration: 442; | Percent complete: | 11.1%; | Average loss: | 1.5071 |
| Iteration: 443; | Percent complete: | 11.1%; | Average loss: | 1.3156 |
| Iteration: 444; | Percent complete: | 11.1%; | Average loss: | 1.2453 |
| Iteration: 445; | Percent complete: | 11.1%; | Average loss: | 1.0435 |
| Iteration: 446; | Percent complete: | 11.2%; | Average loss: | 1.0321 |
| Iteration: 447; | Percent complete: | 11.2%; | Average loss: | 1.1216 |
| Iteration: 448; | Percent complete: | 11.2%; | Average loss: | 1.1921 |
| Iteration: 449; | Percent complete: | 11.2%; | Average loss: | 1.3087 |
| Iteration: 450; | Percent complete: | 11.2%; | Average loss: | 1.0595 |
| Iteration: 451; | Percent complete: | 11.3%; | Average loss: | 1.2259 |
| Iteration: 452; | Percent complete: | 11.3%; | Average loss: | 0.9732 |
| Iteration: 453; | Percent complete: | 11.3%; | Average loss: | 1.3172 |
| Iteration: 454; | Percent complete: | 11.3%; | Average loss: | 1.1905 |
| Iteration: 455; | Percent complete: | 11.4%; | Average loss: | 1.4409 |
| Iteration: 456; | Percent complete: | 11.4%; | Average loss: | 1.2238 |
| Iteration: 457; | Percent complete: | 11.4%; | Average loss: | 1.3043 |
| Iteration: 458; | Percent complete: | 11.5%; | Average loss: | 1.1030 |
| Iteration: 459; | Percent complete: | 11.5%; | Average loss: | 1.2549 |
| Iteration: 460; | Percent complete: | 11.5%; | Average loss: | 1.2594 |
| Iteration: 461; | Percent complete: | 11.5%; | Average loss: | 1.3107 |
| Iteration: 462; | Percent complete: | 11.6%; | Average loss: | 1.3056 |
| Iteration: 463; | Percent complete: | 11.6%; | Average loss: | 1.0794 |
| Iteration: 464; | Percent complete: | 11.6%; | Average loss: | 1.2537 |
| Iteration: 465; | Percent complete: | 11.6%; | Average loss: | 1.2301 |
| Iteration: 466; | Percent complete: | 11.7%; | Average loss: | 1.3668 |
| Iteration: 467; | Percent complete: | 11.7%; | Average loss: | 1.1295 |
| Iteration: 468; | Percent complete: | 11.7%; | Average loss: | 1.2968 |
| Iteration: 469; | Percent complete: | 11.7%; | Average loss: | 1.3699 |
| Iteration: 470; | Percent complete: | 11.8%; | Average loss: | 1.2526 |
| Iteration: 471; | Percent complete: | 11.8%; | Average loss: | 1.4826 |
| Iteration: 472; | Percent complete: | 11.8%; | Average loss: | 1.1739 |
| Iteration: 473; | Percent complete: | 11.8%; | Average loss: | 1.1886 |
| Iteration: 474; | Percent complete: | 11.8%; | Average loss: | 1.2940 |
| Iteration: 475; | Percent complete: | 11.9%; | Average loss: | 1.4228 |
| Iteration: 476; | Percent complete: | 11.9%; | Average loss: | 1.1811 |
| Iteration: 477; | Percent complete: | 11.9%; | Average loss: | 1.3267 |
| Iteration: 478; | Percent complete: | 11.9%; | Average loss: | 1.2501 |
| Iteration: 479; | Percent complete: | 12.0%; | Average loss: | 1.3574 |
| Iteration: 480; | Percent complete: | 12.0%; | Average loss: | 1.3884 |
| Iteration: 481; | Percent complete: | 12.0%; | Average loss: | 1.1906 |
| Iteration: 482; | Percent complete: | 12.0%; | Average loss: | 1.204  |

|                 |                   |        |               |        |
|-----------------|-------------------|--------|---------------|--------|
| Iteration: 492; | Percent complete: | 12.3%; | Average loss: | 1.1964 |
| Iteration: 493; | Percent complete: | 12.3%; | Average loss: | 1.1546 |
| Iteration: 494; | Percent complete: | 12.3%; | Average loss: | 1.3947 |
| Iteration: 495; | Percent complete: | 12.4%; | Average loss: | 1.1305 |
| Iteration: 496; | Percent complete: | 12.4%; | Average loss: | 1.2312 |
| Iteration: 497; | Percent complete: | 12.4%; | Average loss: | 1.2419 |
| Iteration: 498; | Percent complete: | 12.4%; | Average loss: | 1.1530 |
| Iteration: 499; | Percent complete: | 12.5%; | Average loss: | 1.2223 |
| Iteration: 500; | Percent complete: | 12.5%; | Average loss: | 1.3803 |
| Iteration: 501; | Percent complete: | 12.5%; | Average loss: | 1.1590 |
| Iteration: 502; | Percent complete: | 12.6%; | Average loss: | 1.0856 |
| Iteration: 503; | Percent complete: | 12.6%; | Average loss: | 1.4106 |
| Iteration: 504; | Percent complete: | 12.6%; | Average loss: | 1.1135 |
| Iteration: 505; | Percent complete: | 12.6%; | Average loss: | 1.3641 |
| Iteration: 506; | Percent complete: | 12.7%; | Average loss: | 1.3738 |
| Iteration: 507; | Percent complete: | 12.7%; | Average loss: | 1.1099 |
| Iteration: 508; | Percent complete: | 12.7%; | Average loss: | 1.2002 |
| Iteration: 509; | Percent complete: | 12.7%; | Average loss: | 1.1567 |
| Iteration: 510; | Percent complete: | 12.8%; | Average loss: | 1.0593 |
| Iteration: 511; | Percent complete: | 12.8%; | Average loss: | 1.1150 |
| Iteration: 512; | Percent complete: | 12.8%; | Average loss: | 1.1556 |
| Iteration: 513; | Percent complete: | 12.8%; | Average loss: | 1.1341 |
| Iteration: 514; | Percent complete: | 12.8%; | Average loss: | 1.2892 |
| Iteration: 515; | Percent complete: | 12.9%; | Average loss: | 1.4752 |
| Iteration: 516; | Percent complete: | 12.9%; | Average loss: | 1.0185 |
| Iteration: 517; | Percent complete: | 12.9%; | Average loss: | 1.4777 |
| Iteration: 518; | Percent complete: | 13.0%; | Average loss: | 1.2259 |
| Iteration: 519; | Percent complete: | 13.0%; | Average loss: | 1.2211 |
| Iteration: 520; | Percent complete: | 13.0%; | Average loss: | 1.3422 |
| Iteration: 521; | Percent complete: | 13.0%; | Average loss: | 1.2361 |
| Iteration: 522; | Percent complete: | 13.1%; | Average loss: | 1.2332 |
| Iteration: 523; | Percent complete: | 13.1%; | Average loss: | 1.2124 |
| Iteration: 524; | Percent complete: | 13.1%; | Average loss: | 1.1540 |
| Iteration: 525; | Percent complete: | 13.1%; | Average loss: | 1.2745 |
| Iteration: 526; | Percent complete: | 13.2%; | Average loss: | 1.6032 |
| Iteration: 527; | Percent complete: | 13.2%; | Average loss: | 1.4468 |
| Iteration: 528; | Percent complete: | 13.2%; | Average loss: | 1.5753 |
| Iteration: 529; | Percent complete: | 13.2%; | Average loss: | 1.4031 |
| Iteration: 530; | Percent complete: | 13.2%; | Average loss: | 1.4388 |
| Iteration: 531; | Percent complete: | 13.3%; | Average loss: | 1.3383 |
| Iteration: 532; | Percent complete: | 13.3%; | Average loss: | 1.2231 |
| Iteration: 533; | Percent complete: | 13.3%; | Average loss: | 1.2786 |
| Iteration: 534; | Percent complete: | 13.4%; | Average loss: | 1.3099 |
| Iteration: 535; | Percent complete: | 13.4%; | Average loss: | 1.5379 |
| Iteration: 536; | Percent complete: | 13.4%; | Average loss: | 1.2100 |
| Iteration: 537; | Percent complete: | 13.4%; | Average loss: | 1.1630 |
| Iteration: 538; | Percent complete: | 13.5%; | Average loss: | 1.2951 |
| Iteration: 539; | Percent complete: | 13.5%; | Average loss: | 1.0015 |
| Iteration: 540; | Percent complete: | 13.5%; | Average loss: | 0.9333 |
| Iteration: 541; | Percent complete: | 13.5%; | Average loss: | 1.2984 |
| Iteration: 542; | Percent complete: | 13.6%; | Average loss: | 1.2578 |
| Iteration: 543; | Percent complete: | 13.6%; | Average loss: | 1.2508 |
| Iteration: 544; | Percent complete: | 13.6%; | Average loss: | 1.1629 |
| Iteration: 545; | Percent complete: | 13.6%; | Average loss: | 1.2929 |
| Iteration: 546; | Percent complete: | 13.7%; | Average loss: | 0.9055 |
| Iteration: 547; | Percent complete: | 13.7%; | Average loss: | 1.1071 |
| Iteration: 548; | Percent complete: | 13.7%; | Average loss: | 1.2633 |
| Iteration: 549; | Percent complete: | 13.7%; | Average loss: | 1.2079 |
| Iteration: 550; | Percent complete: | 13.8%; | Average loss: | 1.4395 |
| Iteration: 551; | Percent complete: | 13.8%; | Average loss: | 1.2126 |
| Iteration: 552; | Percent complete: | 13.8%; | Average loss: | 1.2299 |
| Iteration: 553; | Percent complete: | 13.8%; | Average loss: | 1.0706 |
| Iteration: 554; | Percent complete: | 13.9%; | Average loss: | 1.1881 |
| Iteration: 555; | Percent complete: | 13.9%; | Average loss: | 1.2661 |
| Iteration: 556; | Percent complete: | 13.9%; | Average loss: | 0.9550 |
| Iteration: 557; | Percent complete: | 13.9%; | Average loss: | 1.1423 |
| Iteration: 558; | Percent complete: | 14.0%; | Average loss: | 1.2617 |
| Iteration: 559; | Percent complete: | 14.0%; | Average loss: | 1.2442 |
| Iteration: 560; | Percent complete: | 14.0%; | Average loss: | 1.1121 |
| Iteration: 561; | Percent complete: | 14.0%; | Average loss: | 1.1348 |
| Iteration: 562; | Percent complete: | 14.1%; | Average loss: | 1.2503 |
| Iteration: 563; | Percent complete: | 14.1%; | Average loss: | 1.2693 |
| Iteration: 564; | Percent complete: | 14.1%; | Average loss: | 1.3690 |
| Iteration: 565; | Percent complete: | 14.1%; | Average loss: | 1.2222 |
| Iteration: 566; | Percent complete: | 14.1%; | Average loss: | 1.0948 |
| Iteration: 567; | Percent complete: | 14.2%; | Average loss: | 1.3567 |
| Iteration: 568; | Percent complete: | 14.2%; | Average loss: | 1.1650 |
| Iteration: 569; | Percent complete: | 14.2%; | Average loss: | 1.4506 |
| Iteration: 570; | Percent complete: | 14.2%; | Average loss: | 1.1894 |
| Iteration: 571; | Percent complete: | 14.3%; | Average loss: | 1.2308 |
| Iteration: 572; | Percent complete: | 14.3%; | Average loss: | 1.1946 |
| Iteration: 573; | Percent complete: | 14.3%; | Average loss: | 1.280  |

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|-----------------|-------------------|--------|---------------|--------|
| Iteration: 674; | Percent complete: | 16.9%; | Average loss: | 1.1294 |
| Iteration: 675; | Percent complete: | 16.9%; | Average loss: | 1.1149 |
| Iteration: 676; | Percent complete: | 16.9%; | Average loss: | 1.1547 |
| Iteration: 677; | Percent complete: | 16.9%; | Average loss: | 1.2944 |
| Iteration: 678; | Percent complete: | 17.0%; | Average loss: | 1.1137 |
| Iteration: 679; | Percent complete: | 17.0%; | Average loss: | 1.3307 |
| Iteration: 680; | Percent complete: | 17.0%; | Average loss: | 1.5522 |
| Iteration: 681; | Percent complete: | 17.0%; | Average loss: | 1.0991 |
| Iteration: 682; | Percent complete: | 17.1%; | Average loss: | 1.1772 |
| Iteration: 683; | Percent complete: | 17.1%; | Average loss: | 1.1654 |
| Iteration: 684; | Percent complete: | 17.1%; | Average loss: | 1.0567 |
| Iteration: 685; | Percent complete: | 17.1%; | Average loss: | 1.0620 |
| Iteration: 686; | Percent complete: | 17.2%; | Average loss: | 1.2245 |
| Iteration: 687; | Percent complete: | 17.2%; | Average loss: | 1.2340 |
| Iteration: 688; | Percent complete: | 17.2%; | Average loss: | 1.3697 |
| Iteration: 689; | Percent complete: | 17.2%; | Average loss: | 1.2289 |
| Iteration: 690; | Percent complete: | 17.2%; | Average loss: | 1.2487 |
| Iteration: 691; | Percent complete: | 17.3%; | Average loss: | 1.2871 |
| Iteration: 692; | Percent complete: | 17.3%; | Average loss: | 1.0671 |
| Iteration: 693; | Percent complete: | 17.3%; | Average loss: | 1.4003 |
| Iteration: 694; | Percent complete: | 17.3%; | Average loss: | 1.5189 |
| Iteration: 695; | Percent complete: | 17.4%; | Average loss: | 1.2509 |
| Iteration: 696; | Percent complete: | 17.4%; | Average loss: | 1.1381 |
| Iteration: 697; | Percent complete: | 17.4%; | Average loss: | 1.1962 |
| Iteration: 698; | Percent complete: | 17.4%; | Average loss: | 1.2189 |
| Iteration: 699; | Percent complete: | 17.5%; | Average loss: | 1.1881 |
| Iteration: 700; | Percent complete: | 17.5%; | Average loss: | 1.3477 |
| Iteration: 701; | Percent complete: | 17.5%; | Average loss: | 1.1154 |
| Iteration: 702; | Percent complete: | 17.5%; | Average loss: | 1.2735 |
| Iteration: 703; | Percent complete: | 17.6%; | Average loss: | 1.1782 |
| Iteration: 704; | Percent complete: | 17.6%; | Average loss: | 1.2266 |
| Iteration: 705; | Percent complete: | 17.6%; | Average loss: | 1.1211 |
| Iteration: 706; | Percent complete: | 17.6%; | Average loss: | 1.2528 |
| Iteration: 707; | Percent complete: | 17.7%; | Average loss: | 1.1886 |
| Iteration: 708; | Percent complete: | 17.7%; | Average loss: | 1.3233 |
| Iteration: 709; | Percent complete: | 17.7%; | Average loss: | 1.2545 |
| Iteration: 710; | Percent complete: | 17.8%; | Average loss: | 1.3856 |
| Iteration: 711; | Percent complete: | 17.8%; | Average loss: | 1.3881 |
| Iteration: 712; | Percent complete: | 17.8%; | Average loss: | 1.0987 |
| Iteration: 713; | Percent complete: | 17.8%; | Average loss: | 1.6166 |
| Iteration: 714; | Percent complete: | 17.8%; | Average loss: | 1.3069 |
| Iteration: 715; | Percent complete: | 17.9%; | Average loss: | 1.2242 |
| Iteration: 716; | Percent complete: | 17.9%; | Average loss: | 1.3837 |
| Iteration: 717; | Percent complete: | 17.9%; | Average loss: | 1.2856 |
| Iteration: 718; | Percent complete: | 17.9%; | Average loss: | 1.1256 |
| Iteration: 719; | Percent complete: | 18.0%; | Average loss: | 1.4860 |
| Iteration: 720; | Percent complete: | 18.0%; | Average loss: | 1.3086 |
| Iteration: 721; | Percent complete: | 18.0%; | Average loss: | 1.3558 |
| Iteration: 722; | Percent complete: | 18.1%; | Average loss: | 1.1988 |
| Iteration: 723; | Percent complete: | 18.1%; | Average loss: | 1.1124 |
| Iteration: 724; | Percent complete: | 18.1%; | Average loss: | 1.1677 |
| Iteration: 725; | Percent complete: | 18.1%; | Average loss: | 0.9866 |
| Iteration: 726; | Percent complete: | 18.1%; | Average loss: | 1.0529 |
| Iteration: 727; | Percent complete: | 18.2%; | Average loss: | 1.0308 |
| Iteration: 728; | Percent complete: | 18.2%; | Average loss: | 1.2821 |
| Iteration: 729; | Percent complete: | 18.2%; | Average loss: | 1.1335 |
| Iteration: 730; | Percent complete: | 18.2%; | Average loss: | 1.2886 |
| Iteration: 731; | Percent complete: | 18.3%; | Average loss: | 1.5046 |
| Iteration: 732; | Percent complete: | 18.3%; | Average loss: | 1.3399 |
| Iteration: 733; | Percent complete: | 18.3%; | Average loss: | 1.3227 |
| Iteration: 734; | Percent complete: | 18.4%; | Average loss: | 1.3746 |
| Iteration: 735; | Percent complete: | 18.4%; | Average loss: | 1.2734 |
| Iteration: 736; | Percent complete: | 18.4%; | Average loss: | 1.1528 |
| Iteration: 737; | Percent complete: | 18.4%; | Average loss: | 1.2466 |
| Iteration: 738; | Percent complete: | 18.4%; | Average loss: | 1.2464 |
| Iteration: 739; | Percent complete: | 18.5%; | Average loss: | 1.1451 |
| Iteration: 740; | Percent complete: | 18.5%; | Average loss: | 1.1594 |
| Iteration: 741; | Percent complete: | 18.5%; | Average loss: | 1.2975 |
| Iteration: 742; | Percent complete: | 18.6%; | Average loss: | 1.2981 |
| Iteration: 743; | Percent complete: | 18.6%; | Average loss: | 1.3771 |
| Iteration: 744; | Percent complete: | 18.6%; | Average loss: | 1.2035 |
| Iteration: 745; | Percent complete: | 18.6%; | Average loss: | 1.2014 |
| Iteration: 746; | Percent complete: | 18.6%; | Average loss: | 1.2836 |
| Iteration: 747; | Percent complete: | 18.7%; | Average loss: | 1.2610 |
| Iteration: 748; | Percent complete: | 18.7%; | Average loss: | 1.2837 |
| Iteration: 749; | Percent complete: | 18.7%; | Average loss: | 1.3619 |
| Iteration: 750; | Percent complete: | 18.8%; | Average loss: | 1.2996 |
| Iteration: 751; | Percent complete: | 18.8%; | Average loss: | 1.0841 |
| Iteration: 752; | Percent complete: | 18.8%; | Average loss: | 1.2238 |
| Iteration: 753; | Percent complete: | 18.8%; | Average loss: | 0.9432 |
| Iteration: 754; | Percent complete: | 18.9%; | Average loss: | 1.1045 |
| Iteration: 755; | Percent complete: | 18.9%; | Average loss: | 1.330  |

|                 |                   |        |               |        |
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| Iteration: 766; | Percent complete: | 19.1%; | Average loss: | 1.2101 |
| Iteration: 767; | Percent complete: | 19.2%; | Average loss: | 1.3176 |
| Iteration: 768; | Percent complete: | 19.2%; | Average loss: | 1.0721 |
| Iteration: 769; | Percent complete: | 19.2%; | Average loss: | 1.3051 |
| Iteration: 770; | Percent complete: | 19.2%; | Average loss: | 1.2739 |
| Iteration: 771; | Percent complete: | 19.3%; | Average loss: | 1.2676 |
| Iteration: 772; | Percent complete: | 19.3%; | Average loss: | 1.3446 |
| Iteration: 773; | Percent complete: | 19.3%; | Average loss: | 1.2963 |
| Iteration: 774; | Percent complete: | 19.4%; | Average loss: | 1.1566 |
| Iteration: 775; | Percent complete: | 19.4%; | Average loss: | 1.1297 |
| Iteration: 776; | Percent complete: | 19.4%; | Average loss: | 1.2354 |
| Iteration: 777; | Percent complete: | 19.4%; | Average loss: | 1.2190 |
| Iteration: 778; | Percent complete: | 19.4%; | Average loss: | 1.2980 |
| Iteration: 779; | Percent complete: | 19.5%; | Average loss: | 1.4277 |
| Iteration: 780; | Percent complete: | 19.5%; | Average loss: | 1.1877 |
| Iteration: 781; | Percent complete: | 19.5%; | Average loss: | 1.2400 |
| Iteration: 782; | Percent complete: | 19.6%; | Average loss: | 1.252  |
| Iteration: 783; | Percent complete: | 19.6%; | Average loss: | 1.3653 |
| Iteration: 784; | Percent complete: | 19.6%; | Average loss: | 1.3513 |
| Iteration: 785; | Percent complete: | 19.6%; | Average loss: | 1.4332 |
| Iteration: 786; | Percent complete: | 19.7%; | Average loss: | 1.3021 |
| Iteration: 787; | Percent complete: | 19.7%; | Average loss: | 1.1183 |
| Iteration: 788; | Percent complete: | 19.7%; | Average loss: | 1.0485 |
| Iteration: 789; | Percent complete: | 19.7%; | Average loss: | 1.2089 |
| Iteration: 790; | Percent complete: | 19.8%; | Average loss: | 1.2600 |
| Iteration: 791; | Percent complete: | 19.8%; | Average loss: | 1.3597 |
| Iteration: 792; | Percent complete: | 19.8%; | Average loss: | 1.0248 |
| Iteration: 793; | Percent complete: | 19.8%; | Average loss: | 1.3038 |
| Iteration: 794; | Percent complete: | 19.9%; | Average loss: | 1.0546 |
| Iteration: 795; | Percent complete: | 19.9%; | Average loss: | 1.2808 |
| Iteration: 796; | Percent complete: | 19.9%; | Average loss: | 1.0970 |
| Iteration: 797; | Percent complete: | 19.9%; | Average loss: | 1.2465 |
| Iteration: 798; | Percent complete: | 20.0%; | Average loss: | 1.3100 |
| Iteration: 799; | Percent complete: | 20.0%; | Average loss: | 1.2512 |
| Iteration: 800; | Percent complete: | 20.0%; | Average loss: | 1.3006 |
| Iteration: 801; | Percent complete: | 20.0%; | Average loss: | 1.3349 |
| Iteration: 802; | Percent complete: | 20.1%; | Average loss: | 0.9428 |
| Iteration: 803; | Percent complete: | 20.1%; | Average loss: | 1.3763 |
| Iteration: 804; | Percent complete: | 20.1%; | Average loss: | 1.1153 |
| Iteration: 805; | Percent complete: | 20.1%; | Average loss: | 1.2069 |
| Iteration: 806; | Percent complete: | 20.2%; | Average loss: | 1.2189 |
| Iteration: 807; | Percent complete: | 20.2%; | Average loss: | 1.3168 |
| Iteration: 808; | Percent complete: | 20.2%; | Average loss: | 1.1990 |
| Iteration: 809; | Percent complete: | 20.2%; | Average loss: | 1.0368 |
| Iteration: 810; | Percent complete: | 20.2%; | Average loss: | 1.3360 |
| Iteration: 811; | Percent complete: | 20.3%; | Average loss: | 1.2328 |
| Iteration: 812; | Percent complete: | 20.3%; | Average loss: | 1.3962 |
| Iteration: 813; | Percent complete: | 20.3%; | Average loss: | 1.2435 |
| Iteration: 814; | Percent complete: | 20.3%; | Average loss: | 1.1614 |
| Iteration: 815; | Percent complete: | 20.4%; | Average loss: | 1.3220 |
| Iteration: 816; | Percent complete: | 20.4%; | Average loss: | 1.2750 |
| Iteration: 817; | Percent complete: | 20.4%; | Average loss: | 1.2582 |
| Iteration: 818; | Percent complete: | 20.4%; | Average loss: | 1.5259 |
| Iteration: 819; | Percent complete: | 20.5%; | Average loss: | 1.2012 |
| Iteration: 820; | Percent complete: | 20.5%; | Average loss: | 1.1615 |
| Iteration: 821; | Percent complete: | 20.5%; | Average loss: | 1.2383 |
| Iteration: 822; | Percent complete: | 20.5%; | Average loss: | 1.3524 |
| Iteration: 823; | Percent complete: | 20.6%; | Average loss: | 1.2845 |
| Iteration: 824; | Percent complete: | 20.6%; | Average loss: | 1.3162 |
| Iteration: 825; | Percent complete: | 20.6%; | Average loss: | 1.1900 |
| Iteration: 826; | Percent complete: | 20.6%; | Average loss: | 1.3185 |
| Iteration: 827; | Percent complete: | 20.7%; | Average loss: | 1.3105 |
| Iteration: 828; | Percent complete: | 20.7%; | Average loss: | 1.1333 |
| Iteration: 829; | Percent complete: | 20.7%; | Average loss: | 1.2305 |
| Iteration: 830; | Percent complete: | 20.8%; | Average loss: | 1.0908 |
| Iteration: 831; | Percent complete: | 20.8%; | Average loss: | 1.1254 |
| Iteration: 832; | Percent complete: | 20.8%; | Average loss: | 1.2314 |
| Iteration: 833; | Percent complete: | 20.8%; | Average loss: | 1.3305 |
| Iteration: 834; | Percent complete: | 20.8%; | Average loss: | 1.2215 |
| Iteration: 835; | Percent complete: | 20.9%; | Average loss: | 1.0918 |
| Iteration: 836; | Percent complete: | 20.9%; | Average loss: | 1.3275 |
| Iteration: 837; | Percent complete: | 20.9%; | Average loss: | 1.0849 |
| Iteration: 838; | Percent complete: | 20.9%; | Average loss: | 1.3032 |
| Iteration: 839; | Percent complete: | 21.0%; | Average loss: | 1.4452 |
| Iteration: 840; | Percent complete: | 21.0%; | Average loss: | 1.3477 |
| Iteration: 841; | Percent complete: | 21.0%; | Average loss: | 1.1395 |
| Iteration: 842; | Percent complete: | 21.1%; | Average loss: | 1.0959 |
| Iteration: 843; | Percent complete: | 21.1%; | Average loss: | 1.1964 |
| Iteration: 844; | Percent complete: | 21.1%; | Average loss: | 1.3749 |
| Iteration: 845; | Percent complete: | 21.1%; | Average loss: | 1.2865 |
| Iteration: 846; | Percent complete: | 21.1%; | Average loss: | 1.2620 |
| Iteration: 847; | Percent complete: | 21.2%; | Average loss: | 1.0664 |

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|-----------------|-------------------|--------|---------------|--------|
| Iteration: 857; | Percent complete: | 21.4%; | Average loss: | 1.3476 |
| Iteration: 858; | Percent complete: | 21.4%; | Average loss: | 1.2575 |
| Iteration: 859; | Percent complete: | 21.5%; | Average loss: | 1.4863 |
| Iteration: 860; | Percent complete: | 21.5%; | Average loss: | 1.3236 |
| Iteration: 861; | Percent complete: | 21.5%; | Average loss: | 1.1784 |
| Iteration: 862; | Percent complete: | 21.6%; | Average loss: | 1.3324 |
| Iteration: 863; | Percent complete: | 21.6%; | Average loss: | 1.1593 |
| Iteration: 864; | Percent complete: | 21.6%; | Average loss: | 1.1183 |
| Iteration: 865; | Percent complete: | 21.6%; | Average loss: | 1.2499 |
| Iteration: 866; | Percent complete: | 21.6%; | Average loss: | 1.1551 |
| Iteration: 867; | Percent complete: | 21.7%; | Average loss: | 1.2828 |
| Iteration: 868; | Percent complete: | 21.7%; | Average loss: | 1.1822 |
| Iteration: 869; | Percent complete: | 21.7%; | Average loss: | 1.4762 |
| Iteration: 870; | Percent complete: | 21.8%; | Average loss: | 1.3515 |
| Iteration: 871; | Percent complete: | 21.8%; | Average loss: | 1.1649 |
| Iteration: 872; | Percent complete: | 21.8%; | Average loss: | 1.3630 |
| Iteration: 873; | Percent complete: | 21.8%; | Average loss: | 1.1660 |
| Iteration: 874; | Percent complete: | 21.9%; | Average loss: | 1.0903 |
| Iteration: 875; | Percent complete: | 21.9%; | Average loss: | 1.3874 |
| Iteration: 876; | Percent complete: | 21.9%; | Average loss: | 1.0481 |
| Iteration: 877; | Percent complete: | 21.9%; | Average loss: | 1.2073 |
| Iteration: 878; | Percent complete: | 21.9%; | Average loss: | 0.9467 |
| Iteration: 879; | Percent complete: | 22.0%; | Average loss: | 1.1532 |
| Iteration: 880; | Percent complete: | 22.0%; | Average loss: | 1.2314 |
| Iteration: 881; | Percent complete: | 22.0%; | Average loss: | 1.2192 |
| Iteration: 882; | Percent complete: | 22.1%; | Average loss: | 1.3393 |
| Iteration: 883; | Percent complete: | 22.1%; | Average loss: | 1.1095 |
| Iteration: 884; | Percent complete: | 22.1%; | Average loss: | 1.1668 |
| Iteration: 885; | Percent complete: | 22.1%; | Average loss: | 1.0956 |
| Iteration: 886; | Percent complete: | 22.1%; | Average loss: | 1.2775 |
| Iteration: 887; | Percent complete: | 22.2%; | Average loss: | 1.3835 |
| Iteration: 888; | Percent complete: | 22.2%; | Average loss: | 1.1546 |
| Iteration: 889; | Percent complete: | 22.2%; | Average loss: | 1.1751 |
| Iteration: 890; | Percent complete: | 22.2%; | Average loss: | 1.3023 |
| Iteration: 891; | Percent complete: | 22.3%; | Average loss: | 1.3309 |
| Iteration: 892; | Percent complete: | 22.3%; | Average loss: | 1.2340 |
| Iteration: 893; | Percent complete: | 22.3%; | Average loss: | 1.2280 |
| Iteration: 894; | Percent complete: | 22.4%; | Average loss: | 1.3785 |
| Iteration: 895; | Percent complete: | 22.4%; | Average loss: | 1.5143 |
| Iteration: 896; | Percent complete: | 22.4%; | Average loss: | 1.1897 |
| Iteration: 897; | Percent complete: | 22.4%; | Average loss: | 1.2374 |
| Iteration: 898; | Percent complete: | 22.4%; | Average loss: | 1.1398 |
| Iteration: 899; | Percent complete: | 22.5%; | Average loss: | 1.0171 |
| Iteration: 900; | Percent complete: | 22.5%; | Average loss: | 1.4931 |
| Iteration: 901; | Percent complete: | 22.5%; | Average loss: | 1.1871 |
| Iteration: 902; | Percent complete: | 22.6%; | Average loss: | 1.1122 |
| Iteration: 903; | Percent complete: | 22.6%; | Average loss: | 1.4491 |
| Iteration: 904; | Percent complete: | 22.6%; | Average loss: | 1.1551 |
| Iteration: 905; | Percent complete: | 22.6%; | Average loss: | 1.3349 |
| Iteration: 906; | Percent complete: | 22.7%; | Average loss: | 1.2140 |
| Iteration: 907; | Percent complete: | 22.7%; | Average loss: | 1.2491 |
| Iteration: 908; | Percent complete: | 22.7%; | Average loss: | 1.1942 |
| Iteration: 909; | Percent complete: | 22.7%; | Average loss: | 1.3316 |
| Iteration: 910; | Percent complete: | 22.8%; | Average loss: | 1.3043 |
| Iteration: 911; | Percent complete: | 22.8%; | Average loss: | 1.2009 |
| Iteration: 912; | Percent complete: | 22.8%; | Average loss: | 1.1256 |
| Iteration: 913; | Percent complete: | 22.8%; | Average loss: | 1.0827 |
| Iteration: 914; | Percent complete: | 22.9%; | Average loss: | 1.2461 |
| Iteration: 915; | Percent complete: | 22.9%; | Average loss: | 1.2317 |
| Iteration: 916; | Percent complete: | 22.9%; | Average loss: | 1.1943 |
| Iteration: 917; | Percent complete: | 22.9%; | Average loss: | 1.3761 |
| Iteration: 918; | Percent complete: | 22.9%; | Average loss: | 1.2095 |
| Iteration: 919; | Percent complete: | 23.0%; | Average loss: | 1.1781 |
| Iteration: 920; | Percent complete: | 23.0%; | Average loss: | 1.1917 |
| Iteration: 921; | Percent complete: | 23.0%; | Average loss: | 1.2061 |
| Iteration: 922; | Percent complete: | 23.1%; | Average loss: | 1.1778 |
| Iteration: 923; | Percent complete: | 23.1%; | Average loss: | 1.2072 |
| Iteration: 924; | Percent complete: | 23.1%; | Average loss: | 1.3209 |
| Iteration: 925; | Percent complete: | 23.1%; | Average loss: | 1.1081 |
| Iteration: 926; | Percent complete: | 23.2%; | Average loss: | 1.2438 |
| Iteration: 927; | Percent complete: | 23.2%; | Average loss: | 1.1806 |
| Iteration: 928; | Percent complete: | 23.2%; | Average loss: | 1.2146 |
| Iteration: 929; | Percent complete: | 23.2%; | Average loss: | 1.0184 |
| Iteration: 930; | Percent complete: | 23.2%; | Average loss: | 1.3844 |
| Iteration: 931; | Percent complete: | 23.3%; | Average loss: | 1.1164 |
| Iteration: 932; | Percent complete: | 23.3%; | Average loss: | 1.2758 |
| Iteration: 933; | Percent complete: | 23.3%; | Average loss: | 1.1647 |
| Iteration: 934; | Percent complete: | 23.4%; | Average loss: | 1.2910 |
| Iteration: 935; | Percent complete: | 23.4%; | Average loss: | 1.0486 |
| Iteration: 936; | Percent complete: | 23.4%; | Average loss: | 1.1817 |
| Iteration: 937; | Percent complete: | 23.4%; | Average loss: | 1.0830 |
| Iteration: 938; | Percent complete: | 23.4%; | Average loss: | 1.148  |

Iteration: 948; Percent complete: 23.7%; Average loss: 1.3287  
Iteration: 949; Percent complete: 23.7%; Average loss: 1.2074  
Iteration: 950; Percent complete: 23.8%; Average loss: 1.1369  
Iteration: 951; Percent complete: 23.8%; Average loss: 1.2033  
Iteration: 952; Percent complete: 23.8%; Average loss: 1.4459  
Iteration: 953; Percent complete: 23.8%; Average loss: 1.3554  
Iteration: 954; Percent complete: 23.8%; Average loss: 1.1733  
Iteration: 955; Percent complete: 23.9%; Average loss: 1.0926  
Iteration: 956; Percent complete: 23.9%; Average loss: 1.1739  
Iteration: 957; Percent complete: 23.9%; Average loss: 1.1903  
Iteration: 958; Percent complete: 23.9%; Average loss: 1.4136  
Iteration: 959; Percent complete: 24.0%; Average loss: 1.1451  
Iteration: 960; Percent complete: 24.0%; Average loss: 1.3189  
Iteration: 961; Percent complete: 24.0%; Average loss: 1.3462  
Iteration: 962; Percent complete: 24.1%; Average loss: 1.2155  
Iteration: 963; Percent complete: 24.1%; Average loss: 1.1906  
Iteration: 964; Percent complete: 24.1%; Average loss: 0.9618  
Iteration: 965; Percent complete: 24.1%; Average loss: 1.2370  
Iteration: 966; Percent complete: 24.1%; Average loss: 1.0847  
Iteration: 967; Percent complete: 24.2%; Average loss: 1.1550  
Iteration: 968; Percent complete: 24.2%; Average loss: 1.3071  
Iteration: 969; Percent complete: 24.2%; Average loss: 1.2822  
Iteration: 970; Percent complete: 24.2%; Average loss: 1.2566  
Iteration: 971; Percent complete: 24.3%; Average loss: 1.0704  
Iteration: 972; Percent complete: 24.3%; Average loss: 1.2467  
Iteration: 973; Percent complete: 24.3%; Average loss: 1.1166  
Iteration: 974; Percent complete: 24.3%; Average loss: 1.3286  
Iteration: 975; Percent complete: 24.4%; Average loss: 1.2679  
Iteration: 976; Percent complete: 24.4%; Average loss: 1.0144  
Iteration: 977; Percent complete: 24.4%; Average loss: 1.2819  
Iteration: 978; Percent complete: 24.4%; Average loss: 1.0535  
Iteration: 979; Percent complete: 24.5%; Average loss: 1.2641  
Iteration: 980; Percent complete: 24.5%; Average loss: 1.3716  
Iteration: 981; Percent complete: 24.5%; Average loss: 1.1408  
Iteration: 982; Percent complete: 24.6%; Average loss: 1.2186  
Iteration: 983; Percent complete: 24.6%; Average loss: 1.3112  
Iteration: 984; Percent complete: 24.6%; Average loss: 1.2071  
Iteration: 985; Percent complete: 24.6%; Average loss: 1.3125  
Iteration: 986; Percent complete: 24.6%; Average loss: 1.3681  
Iteration: 987; Percent complete: 24.7%; Average loss: 1.3708  
Iteration: 988; Percent complete: 24.7%; Average loss: 1.2856  
Iteration: 989; Percent complete: 24.7%; Average loss: 1.2588  
Iteration: 990; Percent complete: 24.8%; Average loss: 1.1543  
Iteration: 991; Percent complete: 24.8%; Average loss: 1.3079  
Iteration: 992; Percent complete: 24.8%; Average loss: 1.1664  
Iteration: 993; Percent complete: 24.8%; Average loss: 1.1804  
Iteration: 994; Percent complete: 24.9%; Average loss: 1.1782  
Iteration: 995; Percent complete: 24.9%; Average loss: 1.1458  
Iteration: 996; Percent complete: 24.9%; Average loss: 1.1717  
Iteration: 997; Percent complete: 24.9%; Average loss: 1.3052  
Iteration: 998; Percent complete: 24.9%; Average loss: 1.2955  
Iteration: 999; Percent complete: 25.0%; Average loss: 1.2826  
Iteration: 1000; Percent complete: 25.0%; Average loss: 1.3370  
Iteration: 1001; Percent complete: 25.0%; Average loss: 1.1936  
Iteration: 1002; Percent complete: 25.1%; Average loss: 1.3518  
Iteration: 1003; Percent complete: 25.1%; Average loss: 1.1570  
Iteration: 1004; Percent complete: 25.1%; Average loss: 1.3342  
Iteration: 1005; Percent complete: 25.1%; Average loss: 1.2950  
Iteration: 1006; Percent complete: 25.1%; Average loss: 1.3092  
Iteration: 1007; Percent complete: 25.2%; Average loss: 1.3764  
Iteration: 1008; Percent complete: 25.2%; Average loss: 1.2467  
Iteration: 1009; Percent complete: 25.2%; Average loss: 1.2429  
Iteration: 1010; Percent complete: 25.2%; Average loss: 1.2367  
Iteration: 1011; Percent complete: 25.3%; Average loss: 1.3530  
Iteration: 1012; Percent complete: 25.3%; Average loss: 1.4225  
Iteration: 1013; Percent complete: 25.3%; Average loss: 1.1307  
Iteration: 1014; Percent complete: 25.4%; Average loss: 0.9876  
Iteration: 1015; Percent complete: 25.4%; Average loss: 1.1202  
Iteration: 1016; Percent complete: 25.4%; Average loss: 1.2193  
Iteration: 1017; Percent complete: 25.4%; Average loss: 1.2575  
Iteration: 1018; Percent complete: 25.4%; Average loss: 1.0266  
Iteration: 1019; Percent complete: 25.5%; Average loss: 1.3724  
Iteration: 1020; Percent complete: 25.5%; Average loss: 1.1524  
Iteration: 1021; Percent complete: 25.5%; Average loss: 1.3042  
Iteration: 1022; Percent complete: 25.6%; Average loss: 1.2142  
Iteration: 1023; Percent complete: 25.6%; Average loss: 1.1325  
Iteration: 1024; Percent complete: 25.6%; Average loss: 1.3036  
Iteration: 1025; Percent complete: 25.6%; Average loss: 1.0897  
Iteration: 1026; Percent complete: 25.7%; Average loss: 1.1514  
Iteration: 1027; Percent complete: 25.7%; Average loss: 1.1951  
Iteration: 1028; Percent complete: 25.7%; Average loss: 1.2903  
Iteration: 1029; Percent complete: 25.7%; Average loss: 1.4125  
Iteration: 1030; Percent complete: 25.8%; Average loss: 1.1523  
Iteration: 1031; Percent complete: 25.8%; Average loss: 1.2994  
Iteration: 1032; Percent complete: 25.8%; Average loss: 1.1989  
Iteration: 1033; Percent complete: 25.8%; Average loss: 1.1114  
Iteration: 1034; Percent complete: 25.9%; Average loss: 1.0552  
Iteration: 1035; Percent complete: 25.9%; Average loss: 1.0906  
Iteration: 1036; Percent complete: 25.9%; Average loss: 1.5197  
Iteration: 1037; Percent complete: 25.9%; Average loss: 1.1241  
Iteration: 1038; Percent complete: 25.9%; Average loss: 1.2766  
Iteration: 1039; Percent complete: 25.9%; Average loss: 1.2611









Iteration: 1313; Percent complete: 32.8%; Average loss: 1.2021  
Iteration: 1314; Percent complete: 32.9%; Average loss: 1.3277  
Iteration: 1315; Percent complete: 32.9%; Average loss: 1.1291  
Iteration: 1316; Percent complete: 32.9%; Average loss: 1.2732  
Iteration: 1317; Percent complete: 32.9%; Average loss: 1.3246  
Iteration: 1318; Percent complete: 33.0%; Average loss: 1.2320  
Iteration: 1319; Percent complete: 33.0%; Average loss: 1.1211  
Iteration: 1320; Percent complete: 33.0%; Average loss: 1.1183  
Iteration: 1321; Percent complete: 33.0%; Average loss: 0.9551  
Iteration: 1322; Percent complete: 33.1%; Average loss: 1.4811  
Iteration: 1323; Percent complete: 33.1%; Average loss: 1.1245  
Iteration: 1324; Percent complete: 33.1%; Average loss: 1.0605  
Iteration: 1325; Percent complete: 33.1%; Average loss: 1.0099  
Iteration: 1326; Percent complete: 33.1%; Average loss: 1.2336  
Iteration: 1327; Percent complete: 33.2%; Average loss: 1.2253  
Iteration: 1328; Percent complete: 33.2%; Average loss: 1.0618  
Iteration: 1329; Percent complete: 33.2%; Average loss: 1.2088  
Iteration: 1330; Percent complete: 33.2%; Average loss: 1.2750  
Iteration: 1331; Percent complete: 33.3%; Average loss: 1.0365  
Iteration: 1332; Percent complete: 33.3%; Average loss: 1.3802  
Iteration: 1333; Percent complete: 33.3%; Average loss: 1.3242  
Iteration: 1334; Percent complete: 33.4%; Average loss: 1.1975  
Iteration: 1335; Percent complete: 33.4%; Average loss: 1.1601  
Iteration: 1336; Percent complete: 33.4%; Average loss: 1.2655  
Iteration: 1337; Percent complete: 33.4%; Average loss: 1.3979  
Iteration: 1338; Percent complete: 33.5%; Average loss: 1.2183  
Iteration: 1339; Percent complete: 33.5%; Average loss: 1.3031  
Iteration: 1340; Percent complete: 33.5%; Average loss: 1.1271  
Iteration: 1341; Percent complete: 33.5%; Average loss: 1.0195  
Iteration: 1342; Percent complete: 33.6%; Average loss: 1.3406  
Iteration: 1343; Percent complete: 33.6%; Average loss: 1.4278  
Iteration: 1344; Percent complete: 33.6%; Average loss: 0.9665  
Iteration: 1345; Percent complete: 33.6%; Average loss: 1.1693  
Iteration: 1346; Percent complete: 33.7%; Average loss: 1.1708  
Iteration: 1347; Percent complete: 33.7%; Average loss: 1.4564  
Iteration: 1348; Percent complete: 33.7%; Average loss: 1.0628  
Iteration: 1349; Percent complete: 33.7%; Average loss: 1.0489  
Iteration: 1350; Percent complete: 33.8%; Average loss: 1.0261  
Iteration: 1351; Percent complete: 33.8%; Average loss: 1.1660  
Iteration: 1352; Percent complete: 33.8%; Average loss: 1.4430  
Iteration: 1353; Percent complete: 33.8%; Average loss: 1.2389  
Iteration: 1354; Percent complete: 33.9%; Average loss: 1.4885  
Iteration: 1355; Percent complete: 33.9%; Average loss: 1.0976  
Iteration: 1356; Percent complete: 33.9%; Average loss: 1.2065  
Iteration: 1357; Percent complete: 33.9%; Average loss: 1.4082  
Iteration: 1358; Percent complete: 34.0%; Average loss: 1.2246  
Iteration: 1359; Percent complete: 34.0%; Average loss: 1.2198  
Iteration: 1360; Percent complete: 34.0%; Average loss: 1.0912  
Iteration: 1361; Percent complete: 34.0%; Average loss: 1.4969  
Iteration: 1362; Percent complete: 34.1%; Average loss: 1.2616  
Iteration: 1363; Percent complete: 34.1%; Average loss: 1.3246  
Iteration: 1364; Percent complete: 34.1%; Average loss: 1.3497  
Iteration: 1365; Percent complete: 34.1%; Average loss: 1.3808  
Iteration: 1366; Percent complete: 34.2%; Average loss: 1.2443  
Iteration: 1367; Percent complete: 34.2%; Average loss: 1.1437  
Iteration: 1368; Percent complete: 34.2%; Average loss: 1.2148  
Iteration: 1369; Percent complete: 34.2%; Average loss: 1.1978  
Iteration: 1370; Percent complete: 34.2%; Average loss: 1.3239  
Iteration: 1371; Percent complete: 34.3%; Average loss: 1.0780  
Iteration: 1372; Percent complete: 34.3%; Average loss: 1.1471  
Iteration: 1373; Percent complete: 34.3%; Average loss: 1.3076  
Iteration: 1374; Percent complete: 34.4%; Average loss: 1.1680  
Iteration: 1375; Percent complete: 34.4%; Average loss: 1.2983  
Iteration: 1376; Percent complete: 34.4%; Average loss: 1.4287  
Iteration: 1377; Percent complete: 34.4%; Average loss: 1.0104  
Iteration: 1378; Percent complete: 34.4%; Average loss: 1.3431  
Iteration: 1379; Percent complete: 34.5%; Average loss: 1.3831  
Iteration: 1380; Percent complete: 34.5%; Average loss: 1.2361  
Iteration: 1381; Percent complete: 34.5%; Average loss: 1.1763  
Iteration: 1382; Percent complete: 34.5%; Average loss: 1.1542  
Iteration: 1383; Percent complete: 34.6%; Average loss: 1.2966  
Iteration: 1384; Percent complete: 34.6%; Average loss: 1.3104  
Iteration: 1385; Percent complete: 34.6%; Average loss: 1.2765  
Iteration: 1386; Percent complete: 34.6%; Average loss: 1.2992  
Iteration: 1387; Percent complete: 34.7%; Average loss: 1.2818  
Iteration: 1388; Percent complete: 34.7%; Average loss: 1.1026  
Iteration: 1389; Percent complete: 34.7%; Average loss: 1.0915  
Iteration: 1390; Percent complete: 34.8%; Average loss: 1.2759  
Iteration: 1391; Percent complete: 34.8%; Average loss: 1.3986  
Iteration: 1392; Percent complete: 34.8%; Average loss: 1.2534  
Iteration: 1393; Percent complete: 34.8%; Average loss: 1.1243  
Iteration: 1394; Percent complete: 34.8%; Average loss: 1.4538  
Iteration: 1395; Percent complete: 34.9%; Average loss: 1.1862  
Iteration: 1396; Percent complete: 34.9%; Average loss: 1.3919  
Iteration: 1397; Percent complete: 34.9%; Average loss: 1.1699  
Iteration: 1398; Percent complete: 34.9%; Average loss: 1.1829  
Iteration: 1399; Percent complete: 35.0%; Average loss: 1.3014  
Iteration: 1400; Percent complete: 35.0%; Average loss: 1.1459  
Iteration: 1401; Percent complete: 35.0%; Average loss: 1.2803  
Iteration: 1402; Percent complete: 35.0%; Average loss: 1.2185  
Iteration: 1403; Percent complete: 35.1%; Average loss: 1.1270  
Iteration: 1404; Percent complete: 35.1%; Average loss: 1.3337

Iteration: 1404; Percent complete: 35.1%; Average loss: 1.3237  
Iteration: 1405; Percent complete: 35.1%; Average loss: 1.4686  
Iteration: 1406; Percent complete: 35.1%; Average loss: 1.1052  
Iteration: 1407; Percent complete: 35.2%; Average loss: 1.1785  
Iteration: 1408; Percent complete: 35.2%; Average loss: 1.2650  
Iteration: 1409; Percent complete: 35.2%; Average loss: 1.4297  
Iteration: 1410; Percent complete: 35.2%; Average loss: 1.2372  
Iteration: 1411; Percent complete: 35.3%; Average loss: 1.1925  
Iteration: 1412; Percent complete: 35.3%; Average loss: 1.3525  
Iteration: 1413; Percent complete: 35.3%; Average loss: 1.3330  
Iteration: 1414; Percent complete: 35.4%; Average loss: 1.1335  
Iteration: 1415; Percent complete: 35.4%; Average loss: 1.2907  
Iteration: 1416; Percent complete: 35.4%; Average loss: 1.2446  
Iteration: 1417; Percent complete: 35.4%; Average loss: 1.3646  
Iteration: 1418; Percent complete: 35.4%; Average loss: 1.5043  
Iteration: 1419; Percent complete: 35.5%; Average loss: 1.1239  
Iteration: 1420; Percent complete: 35.5%; Average loss: 1.2457  
Iteration: 1421; Percent complete: 35.5%; Average loss: 1.1282  
Iteration: 1422; Percent complete: 35.5%; Average loss: 1.2913  
Iteration: 1423; Percent complete: 35.6%; Average loss: 1.2078  
Iteration: 1424; Percent complete: 35.6%; Average loss: 0.9984  
Iteration: 1425; Percent complete: 35.6%; Average loss: 1.2299  
Iteration: 1426; Percent complete: 35.6%; Average loss: 1.3030  
Iteration: 1427; Percent complete: 35.7%; Average loss: 1.4429  
Iteration: 1428; Percent complete: 35.7%; Average loss: 1.2182  
Iteration: 1429; Percent complete: 35.7%; Average loss: 1.2457  
Iteration: 1430; Percent complete: 35.8%; Average loss: 1.1114  
Iteration: 1431; Percent complete: 35.8%; Average loss: 1.0274  
Iteration: 1432; Percent complete: 35.8%; Average loss: 1.1466  
Iteration: 1433; Percent complete: 35.8%; Average loss: 1.1552  
Iteration: 1434; Percent complete: 35.9%; Average loss: 1.1410  
Iteration: 1435; Percent complete: 35.9%; Average loss: 1.0485  
Iteration: 1436; Percent complete: 35.9%; Average loss: 1.0980  
Iteration: 1437; Percent complete: 35.9%; Average loss: 1.2762  
Iteration: 1438; Percent complete: 35.9%; Average loss: 1.0953  
Iteration: 1439; Percent complete: 36.0%; Average loss: 1.1423  
Iteration: 1440; Percent complete: 36.0%; Average loss: 1.3505  
Iteration: 1441; Percent complete: 36.0%; Average loss: 1.4257  
Iteration: 1442; Percent complete: 36.0%; Average loss: 1.1216  
Iteration: 1443; Percent complete: 36.1%; Average loss: 1.0865  
Iteration: 1444; Percent complete: 36.1%; Average loss: 1.3488  
Iteration: 1445; Percent complete: 36.1%; Average loss: 1.1917  
Iteration: 1446; Percent complete: 36.1%; Average loss: 1.0698  
Iteration: 1447; Percent complete: 36.2%; Average loss: 1.0275  
Iteration: 1448; Percent complete: 36.2%; Average loss: 1.1783  
Iteration: 1449; Percent complete: 36.2%; Average loss: 1.0920  
Iteration: 1450; Percent complete: 36.2%; Average loss: 1.1548  
Iteration: 1451; Percent complete: 36.3%; Average loss: 1.1995  
Iteration: 1452; Percent complete: 36.3%; Average loss: 1.3330  
Iteration: 1453; Percent complete: 36.3%; Average loss: 1.2910  
Iteration: 1454; Percent complete: 36.4%; Average loss: 1.1937  
Iteration: 1455; Percent complete: 36.4%; Average loss: 1.3497  
Iteration: 1456; Percent complete: 36.4%; Average loss: 1.2935  
Iteration: 1457; Percent complete: 36.4%; Average loss: 1.2910  
Iteration: 1458; Percent complete: 36.4%; Average loss: 1.2909  
Iteration: 1459; Percent complete: 36.5%; Average loss: 1.0486  
Iteration: 1460; Percent complete: 36.5%; Average loss: 1.2141  
Iteration: 1461; Percent complete: 36.5%; Average loss: 1.3806  
Iteration: 1462; Percent complete: 36.5%; Average loss: 1.2570  
Iteration: 1463; Percent complete: 36.6%; Average loss: 1.2391  
Iteration: 1464; Percent complete: 36.6%; Average loss: 1.5128  
Iteration: 1465; Percent complete: 36.6%; Average loss: 1.1868  
Iteration: 1466; Percent complete: 36.6%; Average loss: 1.2455  
Iteration: 1467; Percent complete: 36.7%; Average loss: 1.4530  
Iteration: 1468; Percent complete: 36.7%; Average loss: 1.3292  
Iteration: 1469; Percent complete: 36.7%; Average loss: 1.1606  
Iteration: 1470; Percent complete: 36.8%; Average loss: 1.1229  
Iteration: 1471; Percent complete: 36.8%; Average loss: 1.2592  
Iteration: 1472; Percent complete: 36.8%; Average loss: 1.0841  
Iteration: 1473; Percent complete: 36.8%; Average loss: 1.2098  
Iteration: 1474; Percent complete: 36.9%; Average loss: 1.1472  
Iteration: 1475; Percent complete: 36.9%; Average loss: 1.2762  
Iteration: 1476; Percent complete: 36.9%; Average loss: 1.5418  
Iteration: 1477; Percent complete: 36.9%; Average loss: 1.3973  
Iteration: 1478; Percent complete: 37.0%; Average loss: 1.2125  
Iteration: 1479; Percent complete: 37.0%; Average loss: 1.1915  
Iteration: 1480; Percent complete: 37.0%; Average loss: 1.2428  
Iteration: 1481; Percent complete: 37.0%; Average loss: 1.1429  
Iteration: 1482; Percent complete: 37.0%; Average loss: 1.3254  
Iteration: 1483; Percent complete: 37.1%; Average loss: 1.0222  
Iteration: 1484; Percent complete: 37.1%; Average loss: 1.2629  
Iteration: 1485; Percent complete: 37.1%; Average loss: 1.4663  
Iteration: 1486; Percent complete: 37.1%; Average loss: 1.3160  
Iteration: 1487; Percent complete: 37.2%; Average loss: 1.2372  
Iteration: 1488; Percent complete: 37.2%; Average loss: 1.3252  
Iteration: 1489; Percent complete: 37.2%; Average loss: 1.4511  
Iteration: 1490; Percent complete: 37.2%; Average loss: 1.4455  
Iteration: 1491; Percent complete: 37.3%; Average loss: 1.3113  
Iteration: 1492; Percent complete: 37.3%; Average loss: 1.3101  
Iteration: 1493; Percent complete: 37.3%; Average loss: 1.4773  
Iteration: 1494; Percent complete: 37.4%; Average loss: 1.2979  
Iteration: 1495; Percent complete: 37.4%; Average loss: 1.1491





Iteration: 1678; Percent complete: 41.9%; Average loss: 1.5596  
Iteration: 1679; Percent complete: 42.0%; Average loss: 1.1388  
Iteration: 1680; Percent complete: 42.0%; Average loss: 1.1741  
Iteration: 1681; Percent complete: 42.0%; Average loss: 1.4977  
Iteration: 1682; Percent complete: 42.0%; Average loss: 1.2734  
Iteration: 1683; Percent complete: 42.1%; Average loss: 1.1186  
Iteration: 1684; Percent complete: 42.1%; Average loss: 1.0382  
Iteration: 1685; Percent complete: 42.1%; Average loss: 1.4697  
Iteration: 1686; Percent complete: 42.1%; Average loss: 1.2449  
Iteration: 1687; Percent complete: 42.2%; Average loss: 1.2513  
Iteration: 1688; Percent complete: 42.2%; Average loss: 1.2974  
Iteration: 1689; Percent complete: 42.2%; Average loss: 1.1506  
Iteration: 1690; Percent complete: 42.2%; Average loss: 1.0549  
Iteration: 1691; Percent complete: 42.3%; Average loss: 1.0963  
Iteration: 1692; Percent complete: 42.3%; Average loss: 1.3347  
Iteration: 1693; Percent complete: 42.3%; Average loss: 1.4701  
Iteration: 1694; Percent complete: 42.4%; Average loss: 1.2644  
Iteration: 1695; Percent complete: 42.4%; Average loss: 1.1874  
Iteration: 1696; Percent complete: 42.4%; Average loss: 1.1769  
Iteration: 1697; Percent complete: 42.4%; Average loss: 1.2002  
Iteration: 1698; Percent complete: 42.4%; Average loss: 1.1602  
Iteration: 1699; Percent complete: 42.5%; Average loss: 1.1848  
Iteration: 1700; Percent complete: 42.5%; Average loss: 1.1534  
Iteration: 1701; Percent complete: 42.5%; Average loss: 1.2107  
Iteration: 1702; Percent complete: 42.5%; Average loss: 1.1653  
Iteration: 1703; Percent complete: 42.6%; Average loss: 1.2701  
Iteration: 1704; Percent complete: 42.6%; Average loss: 1.1196  
Iteration: 1705; Percent complete: 42.6%; Average loss: 0.9811  
Iteration: 1706; Percent complete: 42.6%; Average loss: 1.0684  
Iteration: 1707; Percent complete: 42.7%; Average loss: 1.5025  
Iteration: 1708; Percent complete: 42.7%; Average loss: 1.1723  
Iteration: 1709; Percent complete: 42.7%; Average loss: 1.2572  
Iteration: 1710; Percent complete: 42.8%; Average loss: 1.1820  
Iteration: 1711; Percent complete: 42.8%; Average loss: 1.1836  
Iteration: 1712; Percent complete: 42.8%; Average loss: 1.2278  
Iteration: 1713; Percent complete: 42.8%; Average loss: 1.4673  
Iteration: 1714; Percent complete: 42.9%; Average loss: 1.2266  
Iteration: 1715; Percent complete: 42.9%; Average loss: 1.2161  
Iteration: 1716; Percent complete: 42.9%; Average loss: 1.2725  
Iteration: 1717; Percent complete: 42.9%; Average loss: 1.2172  
Iteration: 1718; Percent complete: 43.0%; Average loss: 0.9801  
Iteration: 1719; Percent complete: 43.0%; Average loss: 1.1286  
Iteration: 1720; Percent complete: 43.0%; Average loss: 1.0328  
Iteration: 1721; Percent complete: 43.0%; Average loss: 1.1243  
Iteration: 1722; Percent complete: 43.0%; Average loss: 1.1992  
Iteration: 1723; Percent complete: 43.1%; Average loss: 1.1775  
Iteration: 1724; Percent complete: 43.1%; Average loss: 1.2092  
Iteration: 1725; Percent complete: 43.1%; Average loss: 1.1322  
Iteration: 1726; Percent complete: 43.1%; Average loss: 1.2122  
Iteration: 1727; Percent complete: 43.2%; Average loss: 1.3136  
Iteration: 1728; Percent complete: 43.2%; Average loss: 1.2679  
Iteration: 1729; Percent complete: 43.2%; Average loss: 1.2495  
Iteration: 1730; Percent complete: 43.2%; Average loss: 1.2428  
Iteration: 1731; Percent complete: 43.3%; Average loss: 1.3171  
Iteration: 1732; Percent complete: 43.3%; Average loss: 1.2625  
Iteration: 1733; Percent complete: 43.3%; Average loss: 1.2304  
Iteration: 1734; Percent complete: 43.4%; Average loss: 1.2409  
Iteration: 1735; Percent complete: 43.4%; Average loss: 1.4653  
Iteration: 1736; Percent complete: 43.4%; Average loss: 1.1104  
Iteration: 1737; Percent complete: 43.4%; Average loss: 1.0227  
Iteration: 1738; Percent complete: 43.5%; Average loss: 1.3061  
Iteration: 1739; Percent complete: 43.5%; Average loss: 1.2482  
Iteration: 1740; Percent complete: 43.5%; Average loss: 1.1804  
Iteration: 1741; Percent complete: 43.5%; Average loss: 1.1348  
Iteration: 1742; Percent complete: 43.5%; Average loss: 1.2860  
Iteration: 1743; Percent complete: 43.6%; Average loss: 1.0918  
Iteration: 1744; Percent complete: 43.6%; Average loss: 1.2800  
Iteration: 1745; Percent complete: 43.6%; Average loss: 1.3958  
Iteration: 1746; Percent complete: 43.6%; Average loss: 1.1111  
Iteration: 1747; Percent complete: 43.7%; Average loss: 1.2935  
Iteration: 1748; Percent complete: 43.7%; Average loss: 1.2372  
Iteration: 1749; Percent complete: 43.7%; Average loss: 1.5256  
Iteration: 1750; Percent complete: 43.8%; Average loss: 1.0220  
Iteration: 1751; Percent complete: 43.8%; Average loss: 1.1291  
Iteration: 1752; Percent complete: 43.8%; Average loss: 1.3150  
Iteration: 1753; Percent complete: 43.8%; Average loss: 1.2423  
Iteration: 1754; Percent complete: 43.9%; Average loss: 1.1112  
Iteration: 1755; Percent complete: 43.9%; Average loss: 1.3815  
Iteration: 1756; Percent complete: 43.9%; Average loss: 1.3009  
Iteration: 1757; Percent complete: 43.9%; Average loss: 1.0573  
Iteration: 1758; Percent complete: 44.0%; Average loss: 1.1076  
Iteration: 1759; Percent complete: 44.0%; Average loss: 1.0698  
Iteration: 1760; Percent complete: 44.0%; Average loss: 1.1540  
Iteration: 1761; Percent complete: 44.0%; Average loss: 1.3186  
Iteration: 1762; Percent complete: 44.0%; Average loss: 1.3861  
Iteration: 1763; Percent complete: 44.1%; Average loss: 1.3695  
Iteration: 1764; Percent complete: 44.1%; Average loss: 1.1918  
Iteration: 1765; Percent complete: 44.1%; Average loss: 0.9365  
Iteration: 1766; Percent complete: 44.1%; Average loss: 1.1479  
Iteration: 1767; Percent complete: 44.2%; Average loss: 1.0881  
Iteration: 1768; Percent complete: 44.2%; Average loss: 1.0689  
Iteration: 1769; Percent complete: 44.2%; Average loss: 1.1111



|            |       |         |           |        |         |       |       |
|------------|-------|---------|-----------|--------|---------|-------|-------|
| Iteration: | 1769; | Percent | complete: | 44.2%; | Average | loss: | 1.111 |
| Iteration: | 1770; | Percent | complete: | 44.2%; | Average | loss: | 1.448 |
| Iteration: | 1771; | Percent | complete: | 44.3%; | Average | loss: | 1.011 |
| Iteration: | 1772; | Percent | complete: | 44.3%; | Average | loss: | 1.298 |
| Iteration: | 1773; | Percent | complete: | 44.3%; | Average | loss: | 1.362 |
| Iteration: | 1774; | Percent | complete: | 44.4%; | Average | loss: | 1.300 |
| Iteration: | 1775; | Percent | complete: | 44.4%; | Average | loss: | 1.487 |
| Iteration: | 1776; | Percent | complete: | 44.4%; | Average | loss: | 1.158 |
| Iteration: | 1777; | Percent | complete: | 44.4%; | Average | loss: | 1.249 |
| Iteration: | 1778; | Percent | complete: | 44.5%; | Average | loss: | 1.237 |
| Iteration: | 1779; | Percent | complete: | 44.5%; | Average | loss: | 1.091 |
| Iteration: | 1780; | Percent | complete: | 44.5%; | Average | loss: | 1.267 |
| Iteration: | 1781; | Percent | complete: | 44.5%; | Average | loss: | 1.503 |
| Iteration: | 1782; | Percent | complete: | 44.5%; | Average | loss: | 1.118 |
| Iteration: | 1783; | Percent | complete: | 44.6%; | Average | loss: | 1.293 |
| Iteration: | 1784; | Percent | complete: | 44.6%; | Average | loss: | 1.220 |
| Iteration: | 1785; | Percent | complete: | 44.6%; | Average | loss: | 1.218 |
| Iteration: | 1786; | Percent | complete: | 44.6%; | Average | loss: | 1.161 |
| Iteration: | 1787; | Percent | complete: | 44.7%; | Average | loss: | 1.152 |
| Iteration: | 1788; | Percent | complete: | 44.7%; | Average | loss: | 1.075 |
| Iteration: | 1789; | Percent | complete: | 44.7%; | Average | loss: | 1.484 |
| Iteration: | 1790; | Percent | complete: | 44.8%; | Average | loss: | 1.083 |
| Iteration: | 1791; | Percent | complete: | 44.8%; | Average | loss: | 1.246 |
| Iteration: | 1792; | Percent | complete: | 44.8%; | Average | loss: | 1.389 |
| Iteration: | 1793; | Percent | complete: | 44.8%; | Average | loss: | 1.272 |
| Iteration: | 1794; | Percent | complete: | 44.9%; | Average | loss: | 1.074 |
| Iteration: | 1795; | Percent | complete: | 44.9%; | Average | loss: | 1.086 |
| Iteration: | 1796; | Percent | complete: | 44.9%; | Average | loss: | 1.284 |
| Iteration: | 1797; | Percent | complete: | 44.9%; | Average | loss: | 1.370 |
| Iteration: | 1798; | Percent | complete: | 45.0%; | Average | loss: | 1.188 |
| Iteration: | 1799; | Percent | complete: | 45.0%; | Average | loss: | 1.269 |
| Iteration: | 1800; | Percent | complete: | 45.0%; | Average | loss: | 1.134 |
| Iteration: | 1801; | Percent | complete: | 45.0%; | Average | loss: | 1.054 |
| Iteration: | 1802; | Percent | complete: | 45.1%; | Average | loss: | 1.293 |
| Iteration: | 1803; | Percent | complete: | 45.1%; | Average | loss: | 1.144 |
| Iteration: | 1804; | Percent | complete: | 45.1%; | Average | loss: | 1.166 |
| Iteration: | 1805; | Percent | complete: | 45.1%; | Average | loss: | 1.097 |
| Iteration: | 1806; | Percent | complete: | 45.1%; | Average | loss: | 1.082 |
| Iteration: | 1807; | Percent | complete: | 45.2%; | Average | loss: | 1.071 |
| Iteration: | 1808; | Percent | complete: | 45.2%; | Average | loss: | 1.294 |
| Iteration: | 1809; | Percent | complete: | 45.2%; | Average | loss: | 1.226 |
| Iteration: | 1810; | Percent | complete: | 45.2%; | Average | loss: | 1.143 |
| Iteration: | 1811; | Percent | complete: | 45.3%; | Average | loss: | 1.151 |
| Iteration: | 1812; | Percent | complete: | 45.3%; | Average | loss: | 1.154 |
| Iteration: | 1813; | Percent | complete: | 45.3%; | Average | loss: | 1.137 |
| Iteration: | 1814; | Percent | complete: | 45.4%; | Average | loss: | 1.201 |
| Iteration: | 1815; | Percent | complete: | 45.4%; | Average | loss: | 1.425 |
| Iteration: | 1816; | Percent | complete: | 45.4%; | Average | loss: | 1.320 |
| Iteration: | 1817; | Percent | complete: | 45.4%; | Average | loss: | 1.066 |
| Iteration: | 1818; | Percent | complete: | 45.5%; | Average | loss: | 1.315 |
| Iteration: | 1819; | Percent | complete: | 45.5%; | Average | loss: | 1.294 |
| Iteration: | 1820; | Percent | complete: | 45.5%; | Average | loss: | 1.127 |
| Iteration: | 1821; | Percent | complete: | 45.5%; | Average | loss: | 1.308 |
| Iteration: | 1822; | Percent | complete: | 45.6%; | Average | loss: | 1.034 |
| Iteration: | 1823; | Percent | complete: | 45.6%; | Average | loss: | 1.301 |
| Iteration: | 1824; | Percent | complete: | 45.6%; | Average | loss: | 1.245 |
| Iteration: | 1825; | Percent | complete: | 45.6%; | Average | loss: | 1.223 |
| Iteration: | 1826; | Percent | complete: | 45.6%; | Average | loss: | 1.424 |
| Iteration: | 1827; | Percent | complete: | 45.7%; | Average | loss: | 1.261 |
| Iteration: | 1828; | Percent | complete: | 45.7%; | Average | loss: | 1.210 |
| Iteration: | 1829; | Percent | complete: | 45.7%; | Average | loss: | 1.195 |
| Iteration: | 1830; | Percent | complete: | 45.8%; | Average | loss: | 1.056 |
| Iteration: | 1831; | Percent | complete: | 45.8%; | Average | loss: | 1.285 |
| Iteration: | 1832; | Percent | complete: | 45.8%; | Average | loss: | 1.323 |
| Iteration: | 1833; | Percent | complete: | 45.8%; | Average | loss: | 1.316 |

|                  |                   |        |               |        |
|------------------|-------------------|--------|---------------|--------|
| Iteration: 1861; | Percent complete: | 46.5%; | Average loss: | 1.2971 |
| Iteration: 1862; | Percent complete: | 46.6%; | Average loss: | 1.3543 |
| Iteration: 1863; | Percent complete: | 46.6%; | Average loss: | 1.1744 |
| Iteration: 1864; | Percent complete: | 46.6%; | Average loss: | 1.2893 |
| Iteration: 1865; | Percent complete: | 46.6%; | Average loss: | 1.0932 |
| Iteration: 1866; | Percent complete: | 46.7%; | Average loss: | 1.3302 |
| Iteration: 1867; | Percent complete: | 46.7%; | Average loss: | 1.0919 |
| Iteration: 1868; | Percent complete: | 46.7%; | Average loss: | 1.4543 |
| Iteration: 1869; | Percent complete: | 46.7%; | Average loss: | 1.3194 |
| Iteration: 1870; | Percent complete: | 46.8%; | Average loss: | 1.1555 |
| Iteration: 1871; | Percent complete: | 46.8%; | Average loss: | 1.2235 |
| Iteration: 1872; | Percent complete: | 46.8%; | Average loss: | 1.1924 |
| Iteration: 1873; | Percent complete: | 46.8%; | Average loss: | 1.4336 |
| Iteration: 1874; | Percent complete: | 46.9%; | Average loss: | 1.4290 |
| Iteration: 1875; | Percent complete: | 46.9%; | Average loss: | 1.4092 |
| Iteration: 1876; | Percent complete: | 46.9%; | Average loss: | 1.0531 |
| Iteration: 1877; | Percent complete: | 46.9%; | Average loss: | 1.1681 |
| Iteration: 1878; | Percent complete: | 46.9%; | Average loss: | 1.2529 |
| Iteration: 1879; | Percent complete: | 47.0%; | Average loss: | 1.3069 |
| Iteration: 1880; | Percent complete: | 47.0%; | Average loss: | 1.1215 |
| Iteration: 1881; | Percent complete: | 47.0%; | Average loss: | 1.4416 |
| Iteration: 1882; | Percent complete: | 47.0%; | Average loss: | 1.1551 |
| Iteration: 1883; | Percent complete: | 47.1%; | Average loss: | 1.2299 |
| Iteration: 1884; | Percent complete: | 47.1%; | Average loss: | 1.2987 |
| Iteration: 1885; | Percent complete: | 47.1%; | Average loss: | 1.2622 |
| Iteration: 1886; | Percent complete: | 47.1%; | Average loss: | 1.1012 |
| Iteration: 1887; | Percent complete: | 47.2%; | Average loss: | 1.3751 |
| Iteration: 1888; | Percent complete: | 47.2%; | Average loss: | 1.0800 |
| Iteration: 1889; | Percent complete: | 47.2%; | Average loss: | 1.1340 |
| Iteration: 1890; | Percent complete: | 47.2%; | Average loss: | 1.0305 |
| Iteration: 1891; | Percent complete: | 47.3%; | Average loss: | 1.2623 |
| Iteration: 1892; | Percent complete: | 47.3%; | Average loss: | 1.3159 |
| Iteration: 1893; | Percent complete: | 47.3%; | Average loss: | 1.1393 |
| Iteration: 1894; | Percent complete: | 47.3%; | Average loss: | 1.1828 |
| Iteration: 1895; | Percent complete: | 47.4%; | Average loss: | 1.1655 |
| Iteration: 1896; | Percent complete: | 47.4%; | Average loss: | 1.3209 |
| Iteration: 1897; | Percent complete: | 47.4%; | Average loss: | 1.0901 |
| Iteration: 1898; | Percent complete: | 47.4%; | Average loss: | 1.1724 |
| Iteration: 1899; | Percent complete: | 47.5%; | Average loss: | 1.3277 |
| Iteration: 1900; | Percent complete: | 47.5%; | Average loss: | 1.2630 |
| Iteration: 1901; | Percent complete: | 47.5%; | Average loss: | 1.2029 |
| Iteration: 1902; | Percent complete: | 47.5%; | Average loss: | 1.1899 |
| Iteration: 1903; | Percent complete: | 47.6%; | Average loss: | 1.2350 |
| Iteration: 1904; | Percent complete: | 47.6%; | Average loss: | 1.2317 |
| Iteration: 1905; | Percent complete: | 47.6%; | Average loss: | 1.1354 |
| Iteration: 1906; | Percent complete: | 47.6%; | Average loss: | 1.0577 |
| Iteration: 1907; | Percent complete: | 47.7%; | Average loss: | 1.1404 |
| Iteration: 1908; | Percent complete: | 47.7%; | Average loss: | 1.3744 |
| Iteration: 1909; | Percent complete: | 47.7%; | Average loss: | 1.1982 |
| Iteration: 1910; | Percent complete: | 47.8%; | Average loss: | 1.0797 |
| Iteration: 1911; | Percent complete: | 47.8%; | Average loss: | 1.5031 |
| Iteration: 1912; | Percent complete: | 47.8%; | Average loss: | 1.1157 |
| Iteration: 1913; | Percent complete: | 47.8%; | Average loss: | 1.2015 |
| Iteration: 1914; | Percent complete: | 47.9%; | Average loss: | 1.1761 |
| Iteration: 1915; | Percent complete: | 47.9%; | Average loss: | 1.3047 |
| Iteration: 1916; | Percent complete: | 47.9%; | Average loss: | 1.1127 |
| Iteration: 1917; | Percent complete: | 47.9%; | Average loss: | 1.1133 |
| Iteration: 1918; | Percent complete: | 47.9%; | Average loss: | 1.1929 |
| Iteration: 1919; | Percent complete: | 48.0%; | Average loss: | 1.3624 |
| Iteration: 1920; | Percent complete: | 48.0%; | Average loss: | 1.1718 |
| Iteration: 1921; | Percent complete: | 48.0%; | Average loss: | 1.2223 |
| Iteration: 1922; | Percent complete: | 48.0%; | Average loss: | 1.2071 |
| Iteration: 1923; | Percent complete: | 48.1%; | Average loss: | 1.2850 |
| Iteration: 1924; | Percent complete: | 48.1%; | Average loss: | 1.4946 |
| Iteration: 1925; | Percent complete: | 48.1%; | Average loss: | 1.2435 |
| Iteration: 1926; | Percent complete: | 48.1%; | Average loss: | 1.0790 |
| Iteration: 1927; | Percent complete: | 48.2%; | Average loss: | 1.3504 |
| Iteration: 1928; | Percent complete: | 48.2%; | Average loss: | 1.1679 |
| Iteration: 1929; | Percent complete: | 48.2%; | Average loss: | 1.3978 |
| Iteration: 1930; | Percent complete: | 48.2%; | Average loss: | 1.1060 |
| Iteration: 1931; | Percent complete: | 48.3%; | Average loss: | 1.1031 |
| Iteration: 1932; | Percent complete: | 48.3%; | Average loss: | 1.5776 |
| Iteration: 1933; | Percent complete: | 48.3%; | Average loss: | 1.2455 |
| Iteration: 1934; | Percent complete: | 48.4%; | Average loss: | 1.4542 |
| Iteration: 1935; | Percent complete: | 48.4%; | Average loss: | 1.2541 |
| Iteration: 1936; | Percent complete: | 48.4%; | Average loss: | 1.2398 |
| Iteration: 1937; | Percent complete: | 48.4%; | Average loss: | 1.2197 |
| Iteration: 1938; | Percent complete: | 48.4%; | Average loss: | 1.3149 |
| Iteration: 1939; | Percent complete: | 48.5%; | Average loss: | 1.3540 |
| Iteration: 1940; | Percent complete: | 48.5%; | Average loss: | 1.1026 |
| Iteration: 1941; |                   |        |               |        |

|            |       |         |           |        |         |       |        |
|------------|-------|---------|-----------|--------|---------|-------|--------|
| Iteration: | 1952; | Percent | complete: | 48.8%; | Average | loss: | 1.1276 |
| Iteration: | 1953; | Percent | complete: | 48.8%; | Average | loss: | 1.1638 |
| Iteration: | 1954; | Percent | complete: | 48.9%; | Average | loss: | 1.2233 |
| Iteration: | 1955; | Percent | complete: | 48.9%; | Average | loss: | 1.1417 |
| Iteration: | 1956; | Percent | complete: | 48.9%; | Average | loss: | 1.1558 |
| Iteration: | 1957; | Percent | complete: | 48.9%; | Average | loss: | 1.1199 |
| Iteration: | 1958; | Percent | complete: | 48.9%; | Average | loss: | 1.4177 |
| Iteration: | 1959; | Percent | complete: | 49.0%; | Average | loss: | 1.1945 |
| Iteration: | 1960; | Percent | complete: | 49.0%; | Average | loss: | 1.1913 |
| Iteration: | 1961; | Percent | complete: | 49.0%; | Average | loss: | 1.4193 |
| Iteration: | 1962; | Percent | complete: | 49.0%; | Average | loss: | 1.1672 |
| Iteration: | 1963; | Percent | complete: | 49.1%; | Average | loss: | 1.2408 |
| Iteration: | 1964; | Percent | complete: | 49.1%; | Average | loss: | 1.2319 |
| Iteration: | 1965; | Percent | complete: | 49.1%; | Average | loss: | 1.1899 |
| Iteration: | 1966; | Percent | complete: | 49.1%; | Average | loss: | 1.3502 |
| Iteration: | 1967; | Percent | complete: | 49.2%; | Average | loss: | 1.2637 |
| Iteration: | 1968; | Percent | complete: | 49.2%; | Average | loss: | 1.4288 |
| Iteration: | 1969; | Percent | complete: | 49.2%; | Average | loss: | 1.1756 |
| Iteration: | 1970; | Percent | complete: | 49.2%; | Average | loss: | 1.2139 |
| Iteration: | 1971; | Percent | complete: | 49.3%; | Average | loss: | 1.3204 |
| Iteration: | 1972; | Percent | complete: | 49.3%; | Average | loss: | 1.0397 |
| Iteration: | 1973; | Percent | complete: | 49.3%; | Average | loss: | 1.4974 |
| Iteration: | 1974; | Percent | complete: | 49.4%; | Average | loss: | 1.1837 |
| Iteration: | 1975; | Percent | complete: | 49.4%; | Average | loss: | 1.2975 |
| Iteration: | 1976; | Percent | complete: | 49.4%; | Average | loss: | 1.3265 |
| Iteration: | 1977; | Percent | complete: | 49.4%; | Average | loss: | 1.3224 |
| Iteration: | 1978; | Percent | complete: | 49.5%; | Average | loss: | 1.1374 |
| Iteration: | 1979; | Percent | complete: | 49.5%; | Average | loss: | 1.1962 |
| Iteration: | 1980; | Percent | complete: | 49.5%; | Average | loss: | 1.2702 |
| Iteration: | 1981; | Percent | complete: | 49.5%; | Average | loss: | 1.3877 |
| Iteration: | 1982; | Percent | complete: | 49.5%; | Average | loss: | 1.2826 |
| Iteration: | 1983; | Percent | complete: | 49.6%; | Average | loss: | 1.0123 |
| Iteration: | 1984; | Percent | complete: | 49.6%; | Average | loss: | 1.1475 |
| Iteration: | 1985; | Percent | complete: | 49.6%; | Average | loss: | 1.2516 |
| Iteration: | 1986; | Percent | complete: | 49.6%; | Average | loss: | 1.2738 |
| Iteration: | 1987; | Percent | complete: | 49.7%; | Average | loss: | 1.0787 |
| Iteration: | 1988; | Percent | complete: | 49.7%; | Average | loss: | 1.3726 |
| Iteration: | 1989; | Percent | complete: | 49.7%; | Average | loss: | 1.4377 |
| Iteration: | 1990; | Percent | complete: | 49.8%; | Average | loss: | 1.0744 |
| Iteration: | 1991; | Percent | complete: | 49.8%; | Average | loss: | 1.1198 |
| Iteration: | 1992; | Percent | complete: | 49.8%; | Average | loss: | 1.1675 |
| Iteration: | 1993; | Percent | complete: | 49.8%; | Average | loss: | 1.2226 |
| Iteration: | 1994; | Percent | complete: | 49.9%; | Average | loss: | 1.2589 |
| Iteration: | 1995; | Percent | complete: | 49.9%; | Average | loss: | 1.1617 |
| Iteration: | 1996; | Percent | complete: | 49.9%; | Average | loss: | 1.1227 |
| Iteration: | 1997; | Percent | complete: | 49.9%; | Average | loss: | 1.3293 |
| Iteration: | 1998; | Percent | complete: | 50.0%; | Average | loss: | 1.2799 |
| Iteration: | 1999; | Percent | complete: | 50.0%; | Average | loss: | 1.3534 |
| Iteration: | 2000; | Percent | complete: | 50.0%; | Average | loss: | 1.2778 |
| Iteration: | 2001; | Percent | complete: | 50.0%; | Average | loss: | 1.2749 |
| Iteration: | 2002; | Percent | complete: | 50.0%; | Average | loss: | 1.5802 |
| Iteration: | 2003; | Percent | complete: | 50.1%; | Average | loss: | 1.1613 |
| Iteration: | 2004; | Percent | complete: | 50.1%; | Average | loss: | 1.3074 |
| Iteration: | 2005; | Percent | complete: | 50.1%; | Average | loss: | 1.3358 |
| Iteration: | 2006; | Percent | complete: | 50.1%; | Average | loss: | 1.1943 |
| Iteration: | 2007; | Percent | complete: | 50.2%; | Average | loss: | 1.4453 |
| Iteration: | 2008; | Percent | complete: | 50.2%; | Average | loss: | 1.1476 |
| Iteration: | 2009; | Percent | complete: | 50.2%; | Average | loss: | 1.3176 |
| Iteration: | 2010; | Percent | complete: | 50.2%; | Average | loss: | 1.0916 |
| Iteration: | 2011; | Percent | complete: | 50.3%; | Average | loss: | 1.3429 |
| Iteration: | 2012; | Percent | complete: | 50.3%; | Average | loss: | 1.0923 |
| Iteration: | 2013; | Percent | complete: | 50.3%; | Average | loss: | 1.3119 |
| Iteration: | 2014; | Percent | complete: | 50.3%; | Average | loss: | 1.0825 |
| Iteration: | 2015; | Percent | complete: | 50.4%; | Average | loss: | 1.1822 |

Iteration: 2043; Percent complete: 51.1%; Average loss: 1.1426  
Iteration: 2044; Percent complete: 51.1%; Average loss: 1.1323  
Iteration: 2045; Percent complete: 51.1%; Average loss: 1.0974  
Iteration: 2046; Percent complete: 51.1%; Average loss: 1.3888  
Iteration: 2047; Percent complete: 51.2%; Average loss: 1.2840  
Iteration: 2048; Percent complete: 51.2%; Average loss: 1.2735  
Iteration: 2049; Percent complete: 51.2%; Average loss: 1.3184  
Iteration: 2050; Percent complete: 51.2%; Average loss: 1.1621  
Iteration: 2051; Percent complete: 51.3%; Average loss: 1.1337  
Iteration: 2052; Percent complete: 51.3%; Average loss: 1.2622  
Iteration: 2053; Percent complete: 51.3%; Average loss: 1.3979  
Iteration: 2054; Percent complete: 51.3%; Average loss: 1.1438  
Iteration: 2055; Percent complete: 51.4%; Average loss: 1.2625  
Iteration: 2056; Percent complete: 51.4%; Average loss: 1.2897  
Iteration: 2057; Percent complete: 51.4%; Average loss: 1.2774  
Iteration: 2058; Percent complete: 51.4%; Average loss: 1.4669  
Iteration: 2059; Percent complete: 51.5%; Average loss: 1.1772  
Iteration: 2060; Percent complete: 51.5%; Average loss: 1.2838  
Iteration: 2061; Percent complete: 51.5%; Average loss: 1.1330  
Iteration: 2062; Percent complete: 51.5%; Average loss: 1.2449  
Iteration: 2063; Percent complete: 51.6%; Average loss: 1.2803  
Iteration: 2064; Percent complete: 51.6%; Average loss: 1.3297  
Iteration: 2065; Percent complete: 51.6%; Average loss: 1.3863  
Iteration: 2066; Percent complete: 51.6%; Average loss: 1.2180  
Iteration: 2067; Percent complete: 51.7%; Average loss: 1.3784  
Iteration: 2068; Percent complete: 51.7%; Average loss: 1.2118  
Iteration: 2069; Percent complete: 51.7%; Average loss: 1.3722  
Iteration: 2070; Percent complete: 51.7%; Average loss: 1.0877  
Iteration: 2071; Percent complete: 51.8%; Average loss: 0.9903  
Iteration: 2072; Percent complete: 51.8%; Average loss: 1.1994  
Iteration: 2073; Percent complete: 51.8%; Average loss: 1.2096  
Iteration: 2074; Percent complete: 51.8%; Average loss: 1.3683  
Iteration: 2075; Percent complete: 51.9%; Average loss: 1.2658  
Iteration: 2076; Percent complete: 51.9%; Average loss: 1.1564  
Iteration: 2077; Percent complete: 51.9%; Average loss: 1.3093  
Iteration: 2078; Percent complete: 51.9%; Average loss: 1.1511  
Iteration: 2079; Percent complete: 52.0%; Average loss: 1.1748  
Iteration: 2080; Percent complete: 52.0%; Average loss: 1.1957  
Iteration: 2081; Percent complete: 52.0%; Average loss: 1.1474  
Iteration: 2082; Percent complete: 52.0%; Average loss: 1.1735  
Iteration: 2083; Percent complete: 52.1%; Average loss: 1.2173  
Iteration: 2084; Percent complete: 52.1%; Average loss: 1.1724  
Iteration: 2085; Percent complete: 52.1%; Average loss: 1.3303  
Iteration: 2086; Percent complete: 52.1%; Average loss: 1.2822  
Iteration: 2087; Percent complete: 52.2%; Average loss: 1.4447  
Iteration: 2088; Percent complete: 52.2%; Average loss: 1.1847  
Iteration: 2089; Percent complete: 52.2%; Average loss: 1.2254  
Iteration: 2090; Percent complete: 52.2%; Average loss: 1.1953  
Iteration: 2091; Percent complete: 52.3%; Average loss: 1.3149  
Iteration: 2092; Percent complete: 52.3%; Average loss: 1.1169  
Iteration: 2093; Percent complete: 52.3%; Average loss: 1.3866  
Iteration: 2094; Percent complete: 52.3%; Average loss: 1.4360  
Iteration: 2095; Percent complete: 52.4%; Average loss: 1.3404  
Iteration: 2096; Percent complete: 52.4%; Average loss: 1.3429  
Iteration: 2097; Percent complete: 52.4%; Average loss: 1.2905  
Iteration: 2098; Percent complete: 52.4%; Average loss: 1.4514  
Iteration: 2099; Percent complete: 52.5%; Average loss: 1.3611  
Iteration: 2100; Percent complete: 52.5%; Average loss: 1.3741  
Iteration: 2101; Percent complete: 52.5%; Average loss: 1.3378  
Iteration: 2102; Percent complete: 52.5%; Average loss: 1.2811  
Iteration: 2103; Percent complete: 52.6%; Average loss: 1.2058  
Iteration: 2104; Percent complete: 52.6%; Average loss: 1.2734  
Iteration: 2105; Percent complete: 52.6%; Average loss: 1.0275  
Iteration: 2106; Percent complete: 52.6%; Average loss: 1.2415  
Iteration: 2107; Percent complete: 52.7%; Average loss: 1.4159  
Iteration: 2108; Percent complete: 52.7%; Average loss: 1.2290  
Iteration: 2109; Percent complete: 52.7%; Average loss: 1.4420  
Iteration: 2110; Percent complete: 52.8%; Average loss: 1.2322  
Iteration: 2111; Percent complete: 52.8%; Average loss: 1.2349  
Iteration: 2112; Percent complete: 52.8%; Average loss: 1.2952  
Iteration: 2113; Percent complete: 52.8%; Average loss: 1.0853  
Iteration: 2114; Percent complete: 52.8%; Average loss: 1.2341  
Iteration: 2115; Percent complete: 52.9%; Average loss: 1.2267  
Iteration: 2116; Percent complete: 52.9%; Average loss: 1.4609  
Iteration: 2117; Percent complete: 52.9%; Average loss: 1.3432  
Iteration: 2118; Percent complete: 52.9%; Average loss: 1.4416  
Iteration: 2119; Percent complete: 53.0%; Average loss: 0.9494  
Iteration: 2120; Percent complete: 53.0%; Average loss: 1.1570  
Iteration: 2121; Percent complete: 53.0%; Average loss: 1.3276  
Iteration: 2122; Percent complete: 53.0%; Average loss: 1.2622  
Iteration: 2123; Percent complete: 53.1%; Average loss: 1.1156  
Iteration: 2124; Percent complete: 53.1%; Average loss: 1.4528  
Iteration: 2125; Percent complete: 53.1%; Average loss: 1.2672  
Iteration: 2126; Percent complete: 53.1%; Average loss: 1.1928  
Iteration: 2127; Percent complete: 53.2%; Average loss: 1.1462  
Iteration: 2128; Percent complete: 53.2%; Average loss: 1.1806  
Iteration: 2129; Percent complete: 53.2%; Average loss: 1.2813  
Iteration: 2130; Percent complete: 53.2%; Average loss: 1.1192  
Iteration: 2131; Percent complete: 53.3%; Average loss: 1.3466  
Iteration: 2132; Percent complete: 53.3%; Average loss: 1.2069  
Iteration: 2133; Percent complete: 53.3%; Average loss: 1.2535  
Iteration: 2134; Percent complete: 53.3%; Average loss: 1.0615







|            |       |                   |        |               |        |
|------------|-------|-------------------|--------|---------------|--------|
| Iteration: | 2408; | Percent complete: | 60.2%; | Average loss: | 1.1202 |
| Iteration: | 2409; | Percent complete: | 60.2%; | Average loss: | 1.2593 |
| Iteration: | 2410; | Percent complete: | 60.2%; | Average loss: | 1.3108 |
| Iteration: | 2411; | Percent complete: | 60.3%; | Average loss: | 1.1698 |
| Iteration: | 2412; | Percent complete: | 60.3%; | Average loss: | 1.3480 |
| Iteration: | 2413; | Percent complete: | 60.3%; | Average loss: | 1.0749 |
| Iteration: | 2414; | Percent complete: | 60.4%; | Average loss: | 1.5229 |
| Iteration: | 2415; | Percent complete: | 60.4%; | Average loss: | 1.4220 |
| Iteration: | 2416; | Percent complete: | 60.4%; | Average loss: | 1.2985 |
| Iteration: | 2417; | Percent complete: | 60.4%; | Average loss: | 1.2736 |
| Iteration: | 2418; | Percent complete: | 60.5%; | Average loss: | 1.2736 |
| Iteration: | 2419; | Percent complete: | 60.5%; | Average loss: | 1.3032 |
| Iteration: | 2420; | Percent complete: | 60.5%; | Average loss: | 1.2011 |
| Iteration: | 2421; | Percent complete: | 60.5%; | Average loss: | 1.5658 |
| Iteration: | 2422; | Percent complete: | 60.6%; | Average loss: | 1.2585 |
| Iteration: | 2423; | Percent complete: | 60.6%; | Average loss: | 1.2859 |
| Iteration: | 2424; | Percent complete: | 60.6%; | Average loss: | 1.2324 |
| Iteration: | 2425; | Percent complete: | 60.6%; | Average loss: | 1.4021 |
| Iteration: | 2426; | Percent complete: | 60.7%; | Average loss: | 1.1352 |
| Iteration: | 2427; | Percent complete: | 60.7%; | Average loss: | 1.2924 |
| Iteration: | 2428; | Percent complete: | 60.7%; | Average loss: | 1.0856 |
| Iteration: | 2429; | Percent complete: | 60.7%; | Average loss: | 1.0564 |
| Iteration: | 2430; | Percent complete: | 60.8%; | Average loss: | 1.1273 |
| Iteration: | 2431; | Percent complete: | 60.8%; | Average loss: | 1.3193 |
| Iteration: | 2432; | Percent complete: | 60.8%; | Average loss: | 1.1308 |
| Iteration: | 2433; | Percent complete: | 60.8%; | Average loss: | 1.1154 |
| Iteration: | 2434; | Percent complete: | 60.9%; | Average loss: | 1.3413 |
| Iteration: | 2435; | Percent complete: | 60.9%; | Average loss: | 1.2136 |
| Iteration: | 2436; | Percent complete: | 60.9%; | Average loss: | 1.1967 |
| Iteration: | 2437; | Percent complete: | 60.9%; | Average loss: | 1.1743 |
| Iteration: | 2438; | Percent complete: | 61.0%; | Average loss: | 1.2899 |
| Iteration: | 2439; | Percent complete: | 61.0%; | Average loss: | 1.2907 |
| Iteration: | 2440; | Percent complete: | 61.0%; | Average loss: | 1.2519 |
| Iteration: | 2441; | Percent complete: | 61.0%; | Average loss: | 1.2787 |
| Iteration: | 2442; | Percent complete: | 61.1%; | Average loss: | 1.0846 |
| Iteration: | 2443; | Percent complete: | 61.1%; | Average loss: | 1.1482 |
| Iteration: | 2444; | Percent complete: | 61.1%; | Average loss: | 1.2425 |
| Iteration: | 2445; | Percent complete: | 61.1%; | Average loss: | 1.0085 |
| Iteration: | 2446; | Percent complete: | 61.2%; | Average loss: | 1.2939 |
| Iteration: | 2447; | Percent complete: | 61.2%; | Average loss: | 1.1653 |
| Iteration: | 2448; | Percent complete: | 61.2%; | Average loss: | 1.2816 |
| Iteration: | 2449; | Percent complete: | 61.2%; | Average loss: | 1.1970 |
| Iteration: | 2450; | Percent complete: | 61.3%; | Average loss: | 1.4176 |
| Iteration: | 2451; | Percent complete: | 61.3%; | Average loss: | 1.3440 |
| Iteration: | 2452; | Percent complete: | 61.3%; | Average loss: | 1.1279 |
| Iteration: | 2453; | Percent complete: | 61.3%; | Average loss: | 1.0770 |
| Iteration: | 2454; | Percent complete: | 61.4%; | Average loss: | 1.1768 |
| Iteration: | 2455; | Percent complete: | 61.4%; | Average loss: | 1.2324 |
| Iteration: | 2456; | Percent complete: | 61.4%; | Average loss: | 1.1923 |
| Iteration: | 2457; | Percent complete: | 61.4%; | Average loss: | 1.1404 |
| Iteration: | 2458; | Percent complete: | 61.5%; | Average loss: | 1.1886 |
| Iteration: | 2459; | Percent complete: | 61.5%; | Average loss: | 1.2792 |
| Iteration: | 2460; | Percent complete: | 61.5%; | Average loss: | 1.1819 |
| Iteration: | 2461; | Percent complete: | 61.5%; | Average loss: | 1.2064 |
| Iteration: | 2462; | Percent complete: | 61.6%; | Average loss: | 1.1945 |
| Iteration: | 2463; | Percent complete: | 61.6%; | Average loss: | 1.2675 |
| Iteration: | 2464; | Percent complete: | 61.6%; | Average loss: | 1.3305 |
| Iteration: | 2465; | Percent complete: | 61.6%; | Average loss: | 1.2523 |
| Iteration: | 2466; | Percent complete: | 61.7%; | Average loss: | 1.1769 |
| Iteration: | 2467; | Percent complete: | 61.7%; | Average loss: | 1.3045 |
| Iteration: | 2468; | Percent complete: | 61.7%; | Average loss: | 1.2033 |
| Iteration: | 2469; | Percent complete: | 61.7%; | Average loss: | 1.3560 |
| Iteration: | 2470; | Percent complete: | 61.8%; | Average loss: | 1.1845 |
| Iteration: | 2471; | Percent complete: | 61.8%; | Average loss: | 1.1693 |
| Iteration: | 2472; | Percent complete: | 61.8%; | Average loss: | 1.1002 |
| Iteration: | 2473; | Percent complete: | 61.8%; | Average loss: | 1.3680 |
| Iteration: | 2474; | Percent complete: | 61.9%; | Average loss: | 1.2577 |
| Iteration: | 2475; | Percent complete: | 61.9%; | Average loss: | 1.4064 |
| Iteration: | 2476; | Percent complete: | 61.9%; | Average loss: | 1.2835 |
| Iteration: | 2477; | Percent complete: | 61.9%; | Average loss: | 1.2601 |
| Iteration: | 2478; | Percent complete: | 62.0%; | Average loss: | 1.2371 |
| Iteration: | 2479; | Percent complete: | 62.0%; | Average loss: | 1.2939 |
| Iteration: | 2480; | Percent complete: | 62.0%; | Average loss: | 1.2016 |
| Iteration: | 2481; | Percent complete: | 62.0%; | Average loss: | 1.1620 |
| Iteration: | 2482; | Percent complete: | 62.1%; | Average loss: | 1.0591 |
| Iteration: | 2483; | Percent complete: | 62.1%; | Average loss: | 1      |



[illegible]

Iteration: 2598; Percent complete: 64.8%; Average loss: 1.2187  
Iteration: 2591; Percent complete: 64.8%; Average loss: 1.3709  
Iteration: 2592; Percent complete: 64.8%; Average loss: 1.1058  
Iteration: 2593; Percent complete: 64.8%; Average loss: 1.2745  
Iteration: 2594; Percent complete: 64.8%; Average loss: 1.2177  
Iteration: 2595; Percent complete: 64.9%; Average loss: 1.2973  
Iteration: 2596; Percent complete: 64.9%; Average loss: 1.2387  
Iteration: 2597; Percent complete: 64.9%; Average loss: 1.2268  
Iteration: 2598; Percent complete: 65.0%; Average loss: 1.2042  
Iteration: 2599; Percent complete: 65.0%; Average loss: 1.2320  
Iteration: 2600; Percent complete: 65.0%; Average loss: 1.2987  
Iteration: 2601; Percent complete: 65.0%; Average loss: 1.1845  
Iteration: 2602; Percent complete: 65.0%; Average loss: 1.2383  
Iteration: 2603; Percent complete: 65.1%; Average loss: 1.3759  
Iteration: 2604; Percent complete: 65.1%; Average loss: 0.9513  
Iteration: 2605; Percent complete: 65.1%; Average loss: 1.2126  
Iteration: 2606; Percent complete: 65.1%; Average loss: 1.1831  
Iteration: 2607; Percent complete: 65.2%; Average loss: 1.1492  
Iteration: 2608; Percent complete: 65.2%; Average loss: 1.1939  
Iteration: 2609; Percent complete: 65.2%; Average loss: 1.1605  
Iteration: 2610; Percent complete: 65.2%; Average loss: 1.1834  
Iteration: 2611; Percent complete: 65.3%; Average loss: 1.1630  
Iteration: 2612; Percent complete: 65.3%; Average loss: 1.2848  
Iteration: 2613; Percent complete: 65.3%; Average loss: 0.9578  
Iteration: 2614; Percent complete: 65.3%; Average loss: 1.1943  
Iteration: 2615; Percent complete: 65.4%; Average loss: 1.2844  
Iteration: 2616; Percent complete: 65.4%; Average loss: 1.0379  
Iteration: 2617; Percent complete: 65.4%; Average loss: 1.1947  
Iteration: 2618; Percent complete: 65.5%; Average loss: 1.1627  
Iteration: 2619; Percent complete: 65.5%; Average loss: 1.3304  
Iteration: 2620; Percent complete: 65.5%; Average loss: 1.1191  
Iteration: 2621; Percent complete: 65.5%; Average loss: 1.1088  
Iteration: 2622; Percent complete: 65.5%; Average loss: 1.2835  
Iteration: 2623; Percent complete: 65.6%; Average loss: 1.3165  
Iteration: 2624; Percent complete: 65.6%; Average loss: 1.3785  
Iteration: 2625; Percent complete: 65.6%; Average loss: 1.2443  
Iteration: 2626; Percent complete: 65.6%; Average loss: 1.1775  
Iteration: 2627; Percent complete: 65.7%; Average loss: 1.2357  
Iteration: 2628; Percent complete: 65.7%; Average loss: 1.0280  
Iteration: 2629; Percent complete: 65.7%; Average loss: 1.2027  
Iteration: 2630; Percent complete: 65.8%; Average loss: 1.2303  
Iteration: 2631; Percent complete: 65.8%; Average loss: 1.3868  
Iteration: 2632; Percent complete: 65.8%; Average loss: 1.3935  
Iteration: 2633; Percent complete: 65.8%; Average loss: 1.1598  
Iteration: 2634; Percent complete: 65.8%; Average loss: 1.1280  
Iteration: 2635; Percent complete: 65.9%; Average loss: 1.0799  
Iteration: 2636; Percent complete: 65.9%; Average loss: 1.2262  
Iteration: 2637; Percent complete: 65.9%; Average loss: 1.2062  
Iteration: 2638; Percent complete: 66.0%; Average loss: 1.1670  
Iteration: 2639; Percent complete: 66.0%; Average loss: 1.2202  
Iteration: 2640; Percent complete: 66.0%; Average loss: 1.1501  
Iteration: 2641; Percent complete: 66.0%; Average loss: 1.2538  
Iteration: 2642; Percent complete: 66.0%; Average loss: 1.3862  
Iteration: 2643; Percent complete: 66.1%; Average loss: 1.2425  
Iteration: 2644; Percent complete: 66.1%; Average loss: 1.3565  
Iteration: 2645; Percent complete: 66.1%; Average loss: 1.0727  
Iteration: 2646; Percent complete: 66.1%; Average loss: 0.9172  
Iteration: 2647; Percent complete: 66.2%; Average loss: 1.1993  
Iteration: 2648; Percent complete: 66.2%; Average loss: 1.2658  
Iteration: 2649; Percent complete: 66.2%; Average loss: 1.2339  
Iteration: 2650; Percent complete: 66.2%; Average loss: 1.1336  
Iteration: 2651; Percent complete: 66.3%; Average loss: 1.0885  
Iteration: 2652; Percent complete: 66.3%; Average loss: 1.3489  
Iteration: 2653; Percent complete: 66.3%; Average loss: 1.1465  
Iteration: 2654; Percent complete: 66.3%; Average loss: 1.4190  
Iteration: 2655; Percent complete: 66.4%; Average loss: 1.1780  
Iteration: 2656; Percent complete: 66.4%; Average loss: 1.3290  
Iteration: 2657; Percent complete: 66.4%; Average loss: 1.1988  
Iteration: 2658; Percent complete: 66.5%; Average loss: 1.1963  
Iteration: 2659; Percent complete: 66.5%; Average loss: 1.0485  
Iteration: 2660; Percent complete: 66.5%; Average loss: 1.2847  
Iteration: 2661; Percent complete: 66.5%; Average loss: 1.0559  
Iteration: 2662; Percent complete: 66.5%; Average loss: 1.3204  
Iteration: 2663; Percent complete: 66.6%; Average loss: 1.1846  
Iteration: 2664; Percent complete: 66.6%; Average loss: 1.2005  
Iteration: 2665; Percent complete: 66.6%; Average loss: 1.1685  
Iteration: 2666; Percent complete: 66.6%; Average loss: 1.3201  
Iteration: 2667; Percent complete: 66.7%; Average loss: 1.3447  
Iteration: 2668; Percent complete: 66.7%; Average loss: 1.4269  
Iteration: 2669; Percent complete: 66.7%; Average loss: 1.1164  
Iteration: 2670; Percent complete: 66.8%; Average loss: 1.4918  
Iteration: 2671; Percent complete: 66.8%; Average loss: 1.1740  
Iteration: 2672; Percent complete: 66.8%; Average loss: 1.2170  
Iteration: 2673; Percent complete: 66.8%; Average loss: 1.2317  
Iteration: 2674; Percent complete: 66.8%; Average loss: 1.1838  
Iteration: 2675; Percent complete: 66.9%; Average loss: 1.3146  
Iteration: 2676; Percent complete: 66.9%; Average loss: 1.2311  
Iteration: 2677; Percent complete: 66.9%; Average loss: 1.3886  
Iteration: 2678; Percent complete: 67.0%; Average loss: 1.2790  
Iteration: 2679; Percent complete: 67.0%; Average loss: 1.1485  
Iteration: 2680; Percent complete: 67.0%; Average loss: 1.1084  
Iteration: 2681; Percent complete: 67.0%; Average loss: 1.3893





|            |       |                   |        |               |        |
|------------|-------|-------------------|--------|---------------|--------|
| Iteration: | 2804  | Percent complete: | 71.6%; | Average loss: | 1.1034 |
| Iteration: | 2865  | Percent complete: | 71.6%; | Average loss: | 1.0205 |
| Iteration: | 2866; | Percent complete: | 71.7%; | Average loss: | 1.3098 |
| Iteration: | 2867; | Percent complete: | 71.7%; | Average loss: | 1.1715 |
| Iteration: | 2868; | Percent complete: | 71.7%; | Average loss: | 1.2419 |
| Iteration: | 2869; | Percent complete: | 71.7%; | Average loss: | 1.2103 |
| Iteration: | 2870; | Percent complete: | 71.8%; | Average loss: | 1.1527 |
| Iteration: | 2871; | Percent complete: | 71.8%; | Average loss: | 1.4967 |
| Iteration: | 2872; | Percent complete: | 71.8%; | Average loss: | 1.2816 |
| Iteration: | 2873; | Percent complete: | 71.8%; | Average loss: | 1.0798 |
| Iteration: | 2874; | Percent complete: | 71.9%; | Average loss: | 1.3295 |
| Iteration: | 2875; | Percent complete: | 71.9%; | Average loss: | 1.2661 |
| Iteration: | 2876; | Percent complete: | 71.9%; | Average loss: | 1.3673 |
| Iteration: | 2877; | Percent complete: | 71.9%; | Average loss: | 1.1062 |
| Iteration: | 2878; | Percent complete: | 72.0%; | Average loss: | 1.2653 |
| Iteration: | 2879; | Percent complete: | 72.0%; | Average loss: | 1.4343 |
| Iteration: | 2880; | Percent complete: | 72.0%; | Average loss: | 1.1227 |
| Iteration: | 2881; | Percent complete: | 72.0%; | Average loss: | 1.0762 |
| Iteration: | 2882; | Percent complete: | 72.0%; | Average loss: | 1.3011 |
| Iteration: | 2883; | Percent complete: | 72.1%; | Average loss: | 1.2807 |
| Iteration: | 2884; | Percent complete: | 72.1%; | Average loss: | 1.3150 |
| Iteration: | 2885; | Percent complete: | 72.1%; | Average loss: | 1.0877 |
| Iteration: | 2886; | Percent complete: | 72.2%; | Average loss: | 1.2755 |
| Iteration: | 2887; | Percent complete: | 72.2%; | Average loss: | 1.2239 |
| Iteration: | 2888; | Percent complete: | 72.2%; | Average loss: | 1.2223 |
| Iteration: | 2889; | Percent complete: | 72.2%; | Average loss: | 1.2810 |
| Iteration: | 2890; | Percent complete: | 72.2%; | Average loss: | 1.1888 |
| Iteration: | 2891; | Percent complete: | 72.3%; | Average loss: | 1.3400 |
| Iteration: | 2892; | Percent complete: | 72.3%; | Average loss: | 1.2158 |
| Iteration: | 2893; | Percent complete: | 72.3%; | Average loss: | 1.0664 |
| Iteration: | 2894; | Percent complete: | 72.4%; | Average loss: | 1.3165 |
| Iteration: | 2895; | Percent complete: | 72.4%; | Average loss: | 1.2284 |
| Iteration: | 2896; | Percent complete: | 72.4%; | Average loss: | 1.2409 |
| Iteration: | 2897; | Percent complete: | 72.4%; | Average loss: | 1.2519 |
| Iteration: | 2898; | Percent complete: | 72.5%; | Average loss: | 1.3935 |
| Iteration: | 2899; | Percent complete: | 72.5%; | Average loss: | 1.1162 |
| Iteration: | 2900; | Percent complete: | 72.5%; | Average loss: | 1.1806 |
| Iteration: | 2901; | Percent complete: | 72.5%; | Average loss: | 1.3033 |
| Iteration: | 2902; | Percent complete: | 72.5%; | Average loss: | 1.3674 |
| Iteration: | 2903; | Percent complete: | 72.6%; | Average loss: | 1.4396 |
| Iteration: | 2904; | Percent complete: | 72.6%; | Average loss: | 1.1346 |
| Iteration: | 2905; | Percent complete: | 72.6%; | Average loss: | 1.2699 |
| Iteration: | 2906; | Percent complete: | 72.7%; | Average loss: | 1.2197 |
| Iteration: | 2907; | Percent complete: | 72.7%; | Average loss: | 1.1974 |
| Iteration: | 2908; | Percent complete: | 72.7%; | Average loss: | 1.2477 |
| Iteration: | 2909; | Percent complete: | 72.7%; | Average loss: | 1.1156 |
| Iteration: | 2910; | Percent complete: | 72.8%; | Average loss: | 1.1201 |
| Iteration: | 2911; | Percent complete: | 72.8%; | Average loss: | 1.3843 |
| Iteration: | 2912; | Percent complete: | 72.8%; | Average loss: | 1.3316 |
| Iteration: | 2913; | Percent complete: | 72.8%; | Average loss: | 1.3385 |
| Iteration: | 2914; | Percent complete: | 72.9%; | Average loss: | 1.2557 |
| Iteration: | 2915; | Percent complete: | 72.9%; | Average loss: | 1.1821 |
| Iteration: | 2916; | Percent complete: | 72.9%; | Average loss: | 1.4018 |
| Iteration: | 2917; | Percent complete: | 72.9%; | Average loss: | 1.2921 |
| Iteration: | 2918; | Percent complete: | 73.0%; | Average loss: | 1.1555 |
| Iteration: | 2919; | Percent complete: | 73.0%; | Average loss: | 1.4216 |
| Iteration: | 2920; | Percent complete: | 73.0%; | Average loss: | 1.3843 |
| Iteration: | 2921; | Percent complete: | 73.0%; | Average loss: | 1.3277 |
| Iteration: | 2922; | Percent complete: | 73.0%; | Average loss: | 1.1488 |
| Iteration: | 2923; | Percent complete: | 73.1%; | Average loss: | 1.2662 |
| Iteration: | 2924; | Percent complete: | 73.1%; | Average loss: | 1.3439 |
| Iteration: | 2925; | Percent complete: | 73.1%; | Average loss: | 1.1136 |
| Iteration: | 2926; | Percent complete: | 73.2%; | Average loss: | 1.2146 |
| Iteration: | 2927; | Percent complete: | 73.2%; | Average loss: | 1.3103 |
| Iteration: | 2928; | Percent complete: | 73.2%; | Average loss: | 1.0503 |
| Iteration: | 2929; | Percent complete: | 73.2%; | Average loss: | 1.1421 |
| Iteration: | 2930; | Percent complete: | 73.2%; | Average loss: | 1.2339 |
| Iteration: | 2931; | Percent complete: | 73.3%; | Average loss: | 1.1518 |
| Iteration: | 2932; | Percent complete: | 73.3%; | Average loss: | 1.2152 |
| Iteration: | 2933; | Percent complete: | 73.3%; | Average loss: | 0.9438 |
| Iteration: | 2934; | Percent complete: | 73.4%; | Average loss: | 1.2985 |
| Iteration: | 2935; | Percent complete: | 73.4%; | Average loss: | 1.2813 |
| Iteration: | 2936; | Percent complete: | 73.4%; | Average loss: | 1.0957 |
| Iteration: | 2937; | Percent complete: | 73.4%; | Average loss: | 1.1832 |
| Iteration: | 2938; | Percent complete: | 73.5%; | Average loss: | 1.1968 |
| Iteration: | 2939; | Percent complete: | 73.5%; | Average loss: | 1      |

|                                                                |
|----------------------------------------------------------------|
| Iteration: 2958; Percent complete: 73.9%; Average loss: 1.1838 |
| Iteration: 2956; Percent complete: 73.9%; Average loss: 1.0154 |
| Iteration: 2957; Percent complete: 73.9%; Average loss: 1.1903 |
| Iteration: 2958; Percent complete: 74.0%; Average loss: 1.0717 |
| Iteration: 2959; Percent complete: 74.0%; Average loss: 1.3544 |
| Iteration: 2960; Percent complete: 74.0%; Average loss: 1.4167 |
| Iteration: 2961; Percent complete: 74.0%; Average loss: 1.1621 |
| Iteration: 2962; Percent complete: 74.1%; Average loss: 1.3632 |
| Iteration: 2963; Percent complete: 74.1%; Average loss: 1.2952 |
| Iteration: 2964; Percent complete: 74.1%; Average loss: 1.3001 |
| Iteration: 2965; Percent complete: 74.1%; Average loss: 0.9814 |
| Iteration: 2966; Percent complete: 74.2%; Average loss: 1.0923 |
| Iteration: 2967; Percent complete: 74.2%; Average loss: 1.4503 |
| Iteration: 2968; Percent complete: 74.2%; Average loss: 1.2963 |
| Iteration: 2969; Percent complete: 74.2%; Average loss: 1.2710 |
| Iteration: 2970; Percent complete: 74.2%; Average loss: 1.2789 |
| Iteration: 2971; Percent complete: 74.3%; Average loss: 1.3455 |
| Iteration: 2972; Percent complete: 74.3%; Average loss: 1.0988 |
| Iteration: 2973; Percent complete: 74.3%; Average loss: 1.0406 |
| Iteration: 2974; Percent complete: 74.4%; Average loss: 1.4105 |
| Iteration: 2975; Percent complete: 74.4%; Average loss: 1.2453 |
| Iteration: 2976; Percent complete: 74.4%; Average loss: 0.9650 |
| Iteration: 2977; Percent complete: 74.4%; Average loss: 1.4298 |
| Iteration: 2978; Percent complete: 74.5%; Average loss: 1.2188 |
| Iteration: 2979; Percent complete: 74.5%; Average loss: 1.3161 |
| Iteration: 2980; Percent complete: 74.5%; Average loss: 1.2771 |
| Iteration: 2981; Percent complete: 74.5%; Average loss: 1.5224 |
| Iteration: 2982; Percent complete: 74.6%; Average loss: 1.2841 |
| Iteration: 2983; Percent complete: 74.6%; Average loss: 1.2330 |
| Iteration: 2984; Percent complete: 74.6%; Average loss: 1.1206 |
| Iteration: 2985; Percent complete: 74.6%; Average loss: 1.0945 |
| Iteration: 2986; Percent complete: 74.7%; Average loss: 1.2672 |
| Iteration: 2987; Percent complete: 74.7%; Average loss: 1.2141 |
| Iteration: 2988; Percent complete: 74.7%; Average loss: 1.0894 |
| Iteration: 2989; Percent complete: 74.7%; Average loss: 1.3368 |
| Iteration: 2990; Percent complete: 74.8%; Average loss: 1.3429 |
| Iteration: 2991; Percent complete: 74.8%; Average loss: 1.1174 |
| Iteration: 2992; Percent complete: 74.8%; Average loss: 1.1946 |
| Iteration: 2993; Percent complete: 74.8%; Average loss: 1.1376 |
| Iteration: 2994; Percent complete: 74.9%; Average loss: 1.0265 |
| Iteration: 2995; Percent complete: 74.9%; Average loss: 1.2257 |
| Iteration: 2996; Percent complete: 74.9%; Average loss: 1.0102 |
| Iteration: 2997; Percent complete: 74.9%; Average loss: 1.3964 |
| Iteration: 2998; Percent complete: 75.0%; Average loss: 1.2028 |
| Iteration: 2999; Percent complete: 75.0%; Average loss: 1.1527 |
| Iteration: 3000; Percent complete: 75.0%; Average loss: 1.2675 |
| Iteration: 3001; Percent complete: 75.0%; Average loss: 1.2083 |
| Iteration: 3002; Percent complete: 75.0%; Average loss: 1.4066 |
| Iteration: 3003; Percent complete: 75.1%; Average loss: 1.1083 |
| Iteration: 3004; Percent complete: 75.1%; Average loss: 1.1829 |
| Iteration: 3005; Percent complete: 75.1%; Average loss: 1.2417 |
| Iteration: 3006; Percent complete: 75.1%; Average loss: 1.2302 |
| Iteration: 3007; Percent complete: 75.2%; Average loss: 1.2683 |
| Iteration: 3008; Percent complete: 75.2%; Average loss: 1.3080 |
| Iteration: 3009; Percent complete: 75.2%; Average loss: 1.3940 |
| Iteration: 3010; Percent complete: 75.2%; Average loss: 1.4543 |
| Iteration: 3011; Percent complete: 75.3%; Average loss: 1.6427 |
| Iteration: 3012; Percent complete: 75.3%; Average loss: 1.2062 |
| Iteration: 3013; Percent complete: 75.3%; Average loss: 1.3794 |
| Iteration: 3014; Percent complete: 75.3%; Average loss: 1.1671 |
| Iteration: 3015; Percent complete: 75.4%; Average loss: 1.1684 |
| Iteration: 3016; Percent complete: 75.4%; Average loss: 1.2244 |
| Iteration: 3017; Percent complete: 75.4%; Average loss: 1.2439 |
| Iteration: 3018; Percent complete: 75.4%; Average loss: 1.0562 |
| Iteration: 3019; Percent complete: 75.5%; Average loss: 1.1079 |
| Iteration: 3020; Percent complete: 75.5%; Average loss: 1.3209 |
| Iteration: 3021; Percent complete: 75.5%; Average loss: 1.3906 |
| Iteration: 3022; Percent complete: 75.5%; Average loss: 1.1688 |
| Iteration: 3023; Percent complete: 75.6%; Average loss: 1.1627 |
| Iteration: 3024; Percent complete: 75.6%; Average loss: 1.3062 |
| Iteration: 3025; Percent complete: 75.6%; Average loss: 1.1771 |
| Iteration: 3026; Percent complete: 75.6%; Average loss: 1.1068 |
| Iteration: 3027; Percent complete: 75.7%; Average loss: 1.2312 |
| Iteration: 3028; Percent complete: 75.7%; Average loss: 1.4642 |
| Iteration: 3029; Percent complete: 75.7%; Average loss: 1.3242 |
| Iteration: 3030; Percent complete: 75.8%; Average loss: 1.2499 |
| Iteration: 3031; Percent complete: 75.8%; Average loss: 1.2555 |
| Iteration: 3032; Percent complete: 75.8%; Average loss: 1.4873 |
| Iteration: 3033; Percent complete: 75.8%; Average loss: 1.1724 |
| Iteration: 3034; Percent complete: 75.8%; Average loss: 1.2874 |
| Iteration: 3035; Percent complete: 75.9%; Average loss: 1.1497 |
| Iteration: 3036; Percent complete: 75.9%; Average loss: 1.2028 |
| Iteration: 3037; Percent complete: 75.9%; Average loss: 1.1767 |
| Iteration: 3038; Percent complete: 75.9%; Average loss: 1.1213 |
| Iteration: 3039; Percent complete: 76.0%; Average loss: 0.9987 |
| Iteration: 3040; Percent complete: 76.0%; Average loss: 1.3014 |
| Iteration: 3041; Percent complete: 76.0%; Average loss: 1.3585 |
| Iteration: 3042; Percent complete: 76.0%; Average loss: 1.4234 |
| Iteration: 3043; Percent complete: 76.1%; Average loss: 1.2565 |
| Iteration: 3044; Percent complete: 76.1%; Average loss: 1.2098 |
| Iteration: 3045; Percent complete: 76.1%; Average loss: 1.2816 |
| Iteration: 3046; Percent complete: 76.1%; Average loss: 1.1111 |

|            |       |         |           |        |         |       |        |
|------------|-------|---------|-----------|--------|---------|-------|--------|
| Iteration: | 3047; | Percent | complete: | 76.2%; | Average | loss: | 0.9978 |
| Iteration: | 3048; | Percent | complete: | 76.2%; | Average | loss: | 1.4238 |
| Iteration: | 3049; | Percent | complete: | 76.2%; | Average | loss: | 1.1504 |
| Iteration: | 3050; | Percent | complete: | 76.2%; | Average | loss: | 1.1703 |
| Iteration: | 3051; | Percent | complete: | 76.3%; | Average | loss: | 1.3722 |
| Iteration: | 3052; | Percent | complete: | 76.3%; | Average | loss: | 1.0782 |
| Iteration: | 3053; | Percent | complete: | 76.3%; | Average | loss: | 1.1598 |
| Iteration: | 3054; | Percent | complete: | 76.3%; | Average | loss: | 1.2643 |
| Iteration: | 3055; | Percent | complete: | 76.4%; | Average | loss: | 1.2047 |
| Iteration: | 3056; | Percent | complete: | 76.4%; | Average | loss: | 1.1516 |
| Iteration: | 3057; | Percent | complete: | 76.4%; | Average | loss: | 1.4267 |
| Iteration: | 3058; | Percent | complete: | 76.4%; | Average | loss: | 1.2444 |
| Iteration: | 3059; | Percent | complete: | 76.5%; | Average | loss: | 1.2699 |
| Iteration: | 3060; | Percent | complete: | 76.5%; | Average | loss: | 1.1914 |
| Iteration: | 3061; | Percent | complete: | 76.5%; | Average | loss: | 1.2297 |
| Iteration: | 3062; | Percent | complete: | 76.5%; | Average | loss: | 1.4003 |
| Iteration: | 3063; | Percent | complete: | 76.6%; | Average | loss: | 1.5807 |
| Iteration: | 3064; | Percent | complete: | 76.6%; | Average | loss: | 1.3613 |
| Iteration: | 3065; | Percent | complete: | 76.6%; | Average | loss: | 1.0697 |
| Iteration: | 3066; | Percent | complete: | 76.6%; | Average | loss: | 1.1729 |
| Iteration: | 3067; | Percent | complete: | 76.7%; | Average | loss: | 1.2799 |
| Iteration: | 3068; | Percent | complete: | 76.7%; | Average | loss: | 1.3223 |
| Iteration: | 3069; | Percent | complete: | 76.7%; | Average | loss: | 1.1354 |
| Iteration: | 3070; | Percent | complete: | 76.8%; | Average | loss: | 1.1954 |
| Iteration: | 3071; | Percent | complete: | 76.8%; | Average | loss: | 1.3822 |
| Iteration: | 3072; | Percent | complete: | 76.8%; | Average | loss: | 1.2454 |
| Iteration: | 3073; | Percent | complete: | 76.8%; | Average | loss: | 1.2833 |
| Iteration: | 3074; | Percent | complete: | 76.8%; | Average | loss: | 1.1423 |
| Iteration: | 3075; | Percent | complete: | 76.9%; | Average | loss: | 1.3926 |
| Iteration: | 3076; | Percent | complete: | 76.9%; | Average | loss: | 1.0526 |
| Iteration: | 3077; | Percent | complete: | 76.9%; | Average | loss: | 1.3556 |
| Iteration: | 3078; | Percent | complete: | 77.0%; | Average | loss: | 1.1996 |
| Iteration: | 3079; | Percent | complete: | 77.0%; | Average | loss: | 1.1553 |
| Iteration: | 3080; | Percent | complete: | 77.0%; | Average | loss: | 1.2176 |
| Iteration: | 3081; | Percent | complete: | 77.0%; | Average | loss: | 1.3177 |
| Iteration: | 3082; | Percent | complete: | 77.0%; | Average | loss: | 1.1179 |
| Iteration: | 3083; | Percent | complete: | 77.1%; | Average | loss: | 1.5086 |
| Iteration: | 3084; | Percent | complete: | 77.1%; | Average | loss: | 1.3136 |
| Iteration: | 3085; | Percent | complete: | 77.1%; | Average | loss: | 1.3845 |
| Iteration: | 3086; | Percent | complete: | 77.1%; | Average | loss: | 1.3347 |
| Iteration: | 3087; | Percent | complete: | 77.2%; | Average | loss: | 1.1659 |
| Iteration: | 3088; | Percent | complete: | 77.2%; | Average | loss: | 1.3554 |
| Iteration: | 3089; | Percent | complete: | 77.2%; | Average | loss: | 1.3005 |
| Iteration: | 3090; | Percent | complete: | 77.2%; | Average | loss: | 1.3756 |
| Iteration: | 3091; | Percent | complete: | 77.3%; | Average | loss: | 1.3825 |
| Iteration: | 3092; | Percent | complete: | 77.3%; | Average | loss: | 1.3178 |
| Iteration: | 3093; | Percent | complete: | 77.3%; | Average | loss: | 1.0388 |
| Iteration: | 3094; | Percent | complete: | 77.3%; | Average | loss: | 1.2842 |
| Iteration: | 3095; | Percent | complete: | 77.4%; | Average | loss: | 1.0614 |
| Iteration: | 3096; | Percent | complete: | 77.4%; | Average | loss: | 1.1923 |
| Iteration: | 3097; | Percent | complete: | 77.4%; | Average | loss: | 1.2646 |
| Iteration: | 3098; | Percent | complete: | 77.5%; | Average | loss: | 1.2314 |
| Iteration: | 3099; | Percent | complete: | 77.5%; | Average | loss: | 1.2476 |
| Iteration: | 3100; | Percent | complete: | 77.5%; | Average | loss: | 1.2662 |
| Iteration: | 3101; | Percent | complete: | 77.5%; | Average | loss: | 1.4248 |
| Iteration: | 3102; | Percent | complete: | 77.5%; | Average | loss: | 1.3692 |
| Iteration: | 3103; | Percent | complete: | 77.6%; | Average | loss: | 1.4236 |
| Iteration: | 3104; | Percent | complete: | 77.6%; | Average | loss: | 1.1494 |
| Iteration: | 3105; | Percent | complete: | 77.6%; | Average | loss: | 1.2968 |
| Iteration: | 3106; | Percent | complete: | 77.6%; | Average | loss: | 1.3499 |
| Iteration: | 3107; | Percent | complete: | 77.7%; | Average | loss: | 1.0813 |
| Iteration: | 3108; | Percent | complete: | 77.7%; | Average | loss: | 1.2334 |
| Iteration: | 3109; | Percent | complete: | 77.7%; | Average | loss: | 1.4016 |
| Iteration: | 3110; | Percent | complete: | 77.8%; | Average | loss: | 1.2588 |





|            |       |         |           |        |         |       |        |
|------------|-------|---------|-----------|--------|---------|-------|--------|
| Iteration: | 3229; | Percent | complete: | 80.7%; | Average | loss: | 1.4109 |
| Iteration: | 3230; | Percent | complete: | 80.8%; | Average | loss: | 1.2161 |
| Iteration: | 3231; | Percent | complete: | 80.8%; | Average | loss: | 1.2618 |
| Iteration: | 3232; | Percent | complete: | 80.8%; | Average | loss: | 1.2813 |
| Iteration: | 3233; | Percent | complete: | 80.8%; | Average | loss: | 1.3603 |
| Iteration: | 3234; | Percent | complete: | 80.8%; | Average | loss: | 1.2749 |
| Iteration: | 3235; | Percent | complete: | 80.9%; | Average | loss: | 1.2429 |
| Iteration: | 3236; | Percent | complete: | 80.9%; | Average | loss: | 1.1803 |
| Iteration: | 3237; | Percent | complete: | 80.9%; | Average | loss: | 1.2583 |
| Iteration: | 3238; | Percent | complete: | 81.0%; | Average | loss: | 1.1924 |
| Iteration: | 3239; | Percent | complete: | 81.0%; | Average | loss: | 1.1983 |
| Iteration: | 3240; | Percent | complete: | 81.0%; | Average | loss: | 1.1700 |
| Iteration: | 3241; | Percent | complete: | 81.0%; | Average | loss: | 1.3725 |
| Iteration: | 3242; | Percent | complete: | 81.0%; | Average | loss: | 1.5869 |
| Iteration: | 3243; | Percent | complete: | 81.1%; | Average | loss: | 1.3039 |
| Iteration: | 3244; | Percent | complete: | 81.1%; | Average | loss: | 1.1745 |
| Iteration: | 3245; | Percent | complete: | 81.1%; | Average | loss: | 1.2074 |
| Iteration: | 3246; | Percent | complete: | 81.2%; | Average | loss: | 1.2635 |
| Iteration: | 3247; | Percent | complete: | 81.2%; | Average | loss: | 1.3726 |
| Iteration: | 3248; | Percent | complete: | 81.2%; | Average | loss: | 1.1039 |
| Iteration: | 3249; | Percent | complete: | 81.2%; | Average | loss: | 1.1452 |
| Iteration: | 3250; | Percent | complete: | 81.2%; | Average | loss: | 1.3828 |
| Iteration: | 3251; | Percent | complete: | 81.3%; | Average | loss: | 1.3567 |
| Iteration: | 3252; | Percent | complete: | 81.3%; | Average | loss: | 1.1663 |
| Iteration: | 3253; | Percent | complete: | 81.3%; | Average | loss: | 1.1483 |
| Iteration: | 3254; | Percent | complete: | 81.3%; | Average | loss: | 1.2382 |
| Iteration: | 3255; | Percent | complete: | 81.4%; | Average | loss: | 1.2638 |
| Iteration: | 3256; | Percent | complete: | 81.4%; | Average | loss: | 1.1922 |
| Iteration: | 3257; | Percent | complete: | 81.4%; | Average | loss: | 1.2399 |
| Iteration: | 3258; | Percent | complete: | 81.5%; | Average | loss: | 1.2780 |
| Iteration: | 3259; | Percent | complete: | 81.5%; | Average | loss: | 1.4337 |
| Iteration: | 3260; | Percent | complete: | 81.5%; | Average | loss: | 1.3528 |
| Iteration: | 3261; | Percent | complete: | 81.5%; | Average | loss: | 1.2398 |
| Iteration: | 3262; | Percent | complete: | 81.5%; | Average | loss: | 1.2608 |
| Iteration: | 3263; | Percent | complete: | 81.6%; | Average | loss: | 1.2552 |
| Iteration: | 3264; | Percent | complete: | 81.6%; | Average | loss: | 1.2271 |
| Iteration: | 3265; | Percent | complete: | 81.6%; | Average | loss: | 1.2206 |
| Iteration: | 3266; | Percent | complete: | 81.7%; | Average | loss: | 1.4490 |
| Iteration: | 3267; | Percent | complete: | 81.7%; | Average | loss: | 1.2695 |
| Iteration: | 3268; | Percent | complete: | 81.7%; | Average | loss: | 1.2489 |
| Iteration: | 3269; | Percent | complete: | 81.7%; | Average | loss: | 1.2883 |
| Iteration: | 3270; | Percent | complete: | 81.8%; | Average | loss: | 1.2706 |
| Iteration: | 3271; | Percent | complete: | 81.8%; | Average | loss: | 1.2569 |
| Iteration: | 3272; | Percent | complete: | 81.8%; | Average | loss: | 1.2647 |
| Iteration: | 3273; | Percent | complete: | 81.8%; | Average | loss: | 1.4838 |
| Iteration: | 3274; | Percent | complete: | 81.8%; | Average | loss: | 1.4349 |
| Iteration: | 3275; | Percent | complete: | 81.9%; | Average | loss: | 1.1725 |
| Iteration: | 3276; | Percent | complete: | 81.9%; | Average | loss: | 1.1242 |
| Iteration: | 3277; | Percent | complete: | 81.9%; | Average | loss: | 1.3308 |
| Iteration: | 3278; | Percent | complete: | 82.0%; | Average | loss: | 1.2062 |
| Iteration: | 3279; | Percent | complete: | 82.0%; | Average | loss: | 1.2268 |
| Iteration: | 3280; | Percent | complete: | 82.0%; | Average | loss: | 1.0522 |
| Iteration: | 3281; | Percent | complete: | 82.0%; | Average | loss: | 1.2431 |
| Iteration: | 3282; | Percent | complete: | 82.0%; | Average | loss: | 1.3216 |
| Iteration: | 3283; | Percent | complete: | 82.1%; | Average | loss: | 1.6335 |
| Iteration: | 3284; | Percent | complete: | 82.1%; | Average | loss: | 1.3750 |
| Iteration: | 3285; | Percent | complete: | 82.1%; | Average | loss: | 1.1067 |
| Iteration: | 3286; | Percent | complete: | 82.2%; | Average | loss: | 1.2858 |
| Iteration: | 3287; | Percent | complete: | 82.2%; | Average | loss: | 1.2595 |
| Iteration: | 3288; | Percent | complete: | 82.2%; | Average | loss: | 1.4185 |
| Iteration: | 3289; | Percent | complete: | 82.2%; | Average | loss: | 1.5411 |
| Iteration: | 3290; | Percent | complete: | 82.2%; | Average | loss: | 1.2376 |
| Iteration: | 3291; | Percent | complete: | 82.3%; | Average | loss: | 1.2578 |
| Iteration: | 3292; | Percent | complete: | 82.3%; | Average | loss: | 1.2701 |

Iteration: 3320; Percent complete: 83.0%; Average loss: 1.0775  
Iteration: 3321; Percent complete: 83.0%; Average loss: 1.2177  
Iteration: 3322; Percent complete: 83.0%; Average loss: 1.2177  
Iteration: 3323; Percent complete: 83.1%; Average loss: 1.4283  
Iteration: 3324; Percent complete: 83.1%; Average loss: 1.2245  
Iteration: 3325; Percent complete: 83.1%; Average loss: 1.0113  
Iteration: 3326; Percent complete: 83.2%; Average loss: 1.0916  
Iteration: 3327; Percent complete: 83.2%; Average loss: 1.1478  
Iteration: 3328; Percent complete: 83.2%; Average loss: 0.8967  
Iteration: 3329; Percent complete: 83.2%; Average loss: 1.2315  
Iteration: 3330; Percent complete: 83.2%; Average loss: 1.3341  
Iteration: 3331; Percent complete: 83.3%; Average loss: 1.1886  
Iteration: 3332; Percent complete: 83.3%; Average loss: 1.2756  
Iteration: 3333; Percent complete: 83.3%; Average loss: 1.1560  
Iteration: 3334; Percent complete: 83.4%; Average loss: 1.2271  
Iteration: 3335; Percent complete: 83.4%; Average loss: 1.2402  
Iteration: 3336; Percent complete: 83.4%; Average loss: 1.2132  
Iteration: 3337; Percent complete: 83.4%; Average loss: 1.1673  
Iteration: 3338; Percent complete: 83.5%; Average loss: 1.1347  
Iteration: 3339; Percent complete: 83.5%; Average loss: 1.1723  
Iteration: 3340; Percent complete: 83.5%; Average loss: 1.0988  
Iteration: 3341; Percent complete: 83.5%; Average loss: 1.2653  
Iteration: 3342; Percent complete: 83.5%; Average loss: 1.1829  
Iteration: 3343; Percent complete: 83.6%; Average loss: 1.1374  
Iteration: 3344; Percent complete: 83.6%; Average loss: 1.1938  
Iteration: 3345; Percent complete: 83.6%; Average loss: 1.3492  
Iteration: 3346; Percent complete: 83.7%; Average loss: 1.3770  
Iteration: 3347; Percent complete: 83.7%; Average loss: 1.4853  
Iteration: 3348; Percent complete: 83.7%; Average loss: 1.2763  
Iteration: 3349; Percent complete: 83.7%; Average loss: 1.1469  
Iteration: 3350; Percent complete: 83.8%; Average loss: 1.1954  
Iteration: 3351; Percent complete: 83.8%; Average loss: 1.1330  
Iteration: 3352; Percent complete: 83.8%; Average loss: 1.2265  
Iteration: 3353; Percent complete: 83.8%; Average loss: 0.9929  
Iteration: 3354; Percent complete: 83.9%; Average loss: 1.2026  
Iteration: 3355; Percent complete: 83.9%; Average loss: 1.3274  
Iteration: 3356; Percent complete: 83.9%; Average loss: 1.3366  
Iteration: 3357; Percent complete: 83.9%; Average loss: 1.2280  
Iteration: 3358; Percent complete: 84.0%; Average loss: 1.2615  
Iteration: 3359; Percent complete: 84.0%; Average loss: 1.3544  
Iteration: 3360; Percent complete: 84.0%; Average loss: 1.1921  
Iteration: 3361; Percent complete: 84.0%; Average loss: 1.1404  
Iteration: 3362; Percent complete: 84.0%; Average loss: 1.2863  
Iteration: 3363; Percent complete: 84.1%; Average loss: 1.0104  
Iteration: 3364; Percent complete: 84.1%; Average loss: 1.3030  
Iteration: 3365; Percent complete: 84.1%; Average loss: 1.3290  
Iteration: 3366; Percent complete: 84.2%; Average loss: 0.9812  
Iteration: 3367; Percent complete: 84.2%; Average loss: 1.2940  
Iteration: 3368; Percent complete: 84.2%; Average loss: 1.0240  
Iteration: 3369; Percent complete: 84.2%; Average loss: 1.1565  
Iteration: 3370; Percent complete: 84.2%; Average loss: 1.0600  
Iteration: 3371; Percent complete: 84.3%; Average loss: 1.1409  
Iteration: 3372; Percent complete: 84.3%; Average loss: 1.2027  
Iteration: 3373; Percent complete: 84.3%; Average loss: 0.9875  
Iteration: 3374; Percent complete: 84.4%; Average loss: 1.3397  
Iteration: 3375; Percent complete: 84.4%; Average loss: 1.1675  
Iteration: 3376; Percent complete: 84.4%; Average loss: 1.2315  
Iteration: 3377; Percent complete: 84.4%; Average loss: 1.3453  
Iteration: 3378; Percent complete: 84.5%; Average loss: 1.2816  
Iteration: 3379; Percent complete: 84.5%; Average loss: 1.2682  
Iteration: 3380; Percent complete: 84.5%; Average loss: 1.5152  
Iteration: 3381; Percent complete: 84.5%; Average loss: 1.1862  
Iteration: 3382; Percent complete: 84.5%; Average loss: 1.2565  
Iteration: 3383; Percent complete: 84.6%; Average loss: 1.1914  
Iteration: 3384; Percent complete: 84.6%; Average loss: 1.2432  
Iteration: 3385; Percent complete: 84.6%; Average loss: 1.2758  
Iteration: 3386; Percent complete: 84.7%; Average loss: 1.2013  
Iteration: 3387; Percent complete: 84.7%; Average loss: 1.1726  
Iteration: 3388; Percent complete: 84.7%; Average loss: 1.1847  
Iteration: 3389; Percent complete: 84.7%; Average loss: 1.1555  
Iteration: 3390; Percent complete: 84.8%; Average loss: 1.1480  
Iteration: 3391; Percent complete: 84.8%; Average loss: 1.0328  
Iteration: 3392; Percent complete: 84.8%; Average loss: 1.2374  
Iteration: 3393; Percent complete: 84.8%; Average loss: 1.1919  
Iteration: 3394; Percent complete: 84.9%; Average loss: 1.2789  
Iteration: 3395; Percent complete: 84.9%; Average loss: 1.0778  
Iteration: 3396; Percent complete: 84.9%; Average loss: 1.3243  
Iteration: 3397; Percent complete: 84.9%; Average loss: 1.3922  
Iteration: 3398; Percent complete: 85.0%; Average loss: 1.5130  
Iteration: 3399; Percent complete: 85.0%; Average loss: 1.1040  
Iteration: 3400; Percent complete: 85.0%; Average loss: 1.0319  
Iteration: 3401; Percent complete: 85.0%; Average loss: 1.1488  
Iteration: 3402; Percent complete: 85.0%; Average loss: 1.2980  
Iteration: 3403; Percent complete: 85.1%; Average loss: 1.3504  
Iteration: 3404; Percent complete: 85.1%; Average loss: 1.6041  
Iteration: 3405; Percent complete: 85.1%; Average loss: 1.2389  
Iteration: 3406; Percent complete: 85.2%; Average loss: 1.1592  
Iteration: 3407; Percent complete: 85.2%; Average loss: 1.2554  
Iteration: 3408; Percent complete: 85.2%; Average loss: 1.2985  
Iteration: 3409; Percent complete: 85.2%; Average loss: 1.0945  
Iteration: 3410; Percent complete: 85.2%; Average loss: 1.5724  
Iteration: 3411; Percent complete: 85.3%; Average loss: 1.4103

|            |       |         |           |        |         |       |        |
|------------|-------|---------|-----------|--------|---------|-------|--------|
| Iteration: | 3412; | Percent | complete: | 85.3%; | Average | loss: | 1.2076 |
| Iteration: | 3413; | Percent | complete: | 85.3%; | Average | loss: | 1.2712 |
| Iteration: | 3414; | Percent | complete: | 85.4%; | Average | loss: | 1.4036 |
| Iteration: | 3415; | Percent | complete: | 85.4%; | Average | loss: | 1.2936 |
| Iteration: | 3416; | Percent | complete: | 85.4%; | Average | loss: | 1.2105 |
| Iteration: | 3417; | Percent | complete: | 85.4%; | Average | loss: | 1.0895 |
| Iteration: | 3418; | Percent | complete: | 85.5%; | Average | loss: | 1.3362 |
| Iteration: | 3419; | Percent | complete: | 85.5%; | Average | loss: | 1.1339 |
| Iteration: | 3420; | Percent | complete: | 85.5%; | Average | loss: | 1.3070 |
| Iteration: | 3421; | Percent | complete: | 85.5%; | Average | loss: | 1.2322 |
| Iteration: | 3422; | Percent | complete: | 85.5%; | Average | loss: | 1.2463 |
| Iteration: | 3423; | Percent | complete: | 85.6%; | Average | loss: | 1.3589 |
| Iteration: | 3424; | Percent | complete: | 85.6%; | Average | loss: | 1.2733 |
| Iteration: | 3425; | Percent | complete: | 85.6%; | Average | loss: | 1.2999 |
| Iteration: | 3426; | Percent | complete: | 85.7%; | Average | loss: | 1.2615 |
| Iteration: | 3427; | Percent | complete: | 85.7%; | Average | loss: | 1.3306 |
| Iteration: | 3428; | Percent | complete: | 85.7%; | Average | loss: | 1.0805 |
| Iteration: | 3429; | Percent | complete: | 85.7%; | Average | loss: | 1.3811 |
| Iteration: | 3430; | Percent | complete: | 85.8%; | Average | loss: | 1.2865 |
| Iteration: | 3431; | Percent | complete: | 85.8%; | Average | loss: | 1.1582 |
| Iteration: | 3432; | Percent | complete: | 85.8%; | Average | loss: | 1.1838 |
| Iteration: | 3433; | Percent | complete: | 85.8%; | Average | loss: | 1.1970 |
| Iteration: | 3434; | Percent | complete: | 85.9%; | Average | loss: | 1.3020 |
| Iteration: | 3435; | Percent | complete: | 85.9%; | Average | loss: | 1.0144 |
| Iteration: | 3436; | Percent | complete: | 85.9%; | Average | loss: | 1.2223 |
| Iteration: | 3437; | Percent | complete: | 85.9%; | Average | loss: | 1.2756 |
| Iteration: | 3438; | Percent | complete: | 86.0%; | Average | loss: | 1.4955 |
| Iteration: | 3439; | Percent | complete: | 86.0%; | Average | loss: | 1.2322 |
| Iteration: | 3440; | Percent | complete: | 86.0%; | Average | loss: | 1.2979 |
| Iteration: | 3441; | Percent | complete: | 86.0%; | Average | loss: | 1.2843 |
| Iteration: | 3442; | Percent | complete: | 86.1%; | Average | loss: | 1.1184 |
| Iteration: | 3443; | Percent | complete: | 86.1%; | Average | loss: | 1.2251 |
| Iteration: | 3444; | Percent | complete: | 86.1%; | Average | loss: | 1.1631 |
| Iteration: | 3445; | Percent | complete: | 86.1%; | Average | loss: | 1.3889 |
| Iteration: | 3446; | Percent | complete: | 86.2%; | Average | loss: | 1.5189 |
| Iteration: | 3447; | Percent | complete: | 86.2%; | Average | loss: | 1.2703 |
| Iteration: | 3448; | Percent | complete: | 86.2%; | Average | loss: | 1.0148 |
| Iteration: | 3449; | Percent | complete: | 86.2%; | Average | loss: | 1.1744 |
| Iteration: | 3450; | Percent | complete: | 86.2%; | Average | loss: | 1.2831 |
| Iteration: | 3451; | Percent | complete: | 86.3%; | Average | loss: | 1.0705 |
| Iteration: | 3452; | Percent | complete: | 86.3%; | Average | loss: | 1.3407 |
| Iteration: | 3453; | Percent | complete: | 86.3%; | Average | loss: | 1.2181 |
| Iteration: | 3454; | Percent | complete: | 86.4%; | Average | loss: | 1.1557 |
| Iteration: | 3455; | Percent | complete: | 86.4%; | Average | loss: | 1.1326 |
| Iteration: | 3456; | Percent | complete: | 86.4%; | Average | loss: | 1.0327 |
| Iteration: | 3457; | Percent | complete: | 86.4%; | Average | loss: | 1.2832 |
| Iteration: | 3458; | Percent | complete: | 86.5%; | Average | loss: | 1.1861 |
| Iteration: | 3459; | Percent | complete: | 86.5%; | Average | loss: | 1.1050 |
| Iteration: | 3460; | Percent | complete: | 86.5%; | Average | loss: | 1.3056 |
| Iteration: | 3461; | Percent | complete: | 86.5%; | Average | loss: | 1.2294 |
| Iteration: | 3462; | Percent | complete: | 86.6%; | Average | loss: | 1.4740 |
| Iteration: | 3463; | Percent | complete: | 86.6%; | Average | loss: | 1.2385 |
| Iteration: | 3464; | Percent | complete: | 86.6%; | Average | loss: | 1.4047 |
| Iteration: | 3465; | Percent | complete: | 86.6%; | Average | loss: | 1.1871 |
| Iteration: | 3466; | Percent | complete: | 86.7%; | Average | loss: | 1.2472 |
| Iteration: | 3467; | Percent | complete: | 86.7%; | Average | loss: | 1.1096 |
| Iteration: | 3468; | Percent | complete: | 86.7%; | Average | loss: | 1.3309 |
| Iteration: | 3469; | Percent | complete: | 86.7%; | Average | loss: | 1.2133 |
| Iteration: | 3470; | Percent | complete: | 86.8%; | Average | loss: | 1.2037 |
| Iteration: | 3471; | Percent | complete: | 86.8%; | Average | loss: | 1.2925 |
| Iteration: | 3472; | Percent | complete: | 86.8%; | Average | loss: | 1.3196 |
| Iteration: | 3473; | Percent | complete: | 86.8%; | Average | loss: | 1.2588 |
| Iteration: | 3474; | Percent | complete: | 86.9%; | Average | loss: | 1.3431 |
| Iteration: | 3475; | Percent | complete: | 86.9%; | Average | loss: | 1.4755 |

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Iteration: 3594; Percent complete: 89.8%; Average loss: 1.1892  
Iteration: 3595; Percent complete: 89.9%; Average loss: 1.3086  
Iteration: 3596; Percent complete: 89.9%; Average loss: 1.1620  
Iteration: 3597; Percent complete: 89.9%; Average loss: 1.2488  
Iteration: 3598; Percent complete: 90.0%; Average loss: 1.1851  
Iteration: 3599; Percent complete: 90.0%; Average loss: 1.1976  
Iteration: 3600; Percent complete: 90.0%; Average loss: 1.2970  
Iteration: 3601; Percent complete: 90.0%; Average loss: 1.4401  
Iteration: 3602; Percent complete: 90.0%; Average loss: 1.1353  
Iteration: 3603; Percent complete: 90.1%; Average loss: 1.2759  
Iteration: 3604; Percent complete: 90.1%; Average loss: 1.3763  
Iteration: 3605; Percent complete: 90.1%; Average loss: 1.1348  
Iteration: 3606; Percent complete: 90.1%; Average loss: 1.3307  
Iteration: 3607; Percent complete: 90.2%; Average loss: 1.2536  
Iteration: 3608; Percent complete: 90.2%; Average loss: 1.2196  
Iteration: 3609; Percent complete: 90.2%; Average loss: 1.0802  
Iteration: 3610; Percent complete: 90.2%; Average loss: 1.4013  
Iteration: 3611; Percent complete: 90.3%; Average loss: 1.3014  
Iteration: 3612; Percent complete: 90.3%; Average loss: 1.3061  
Iteration: 3613; Percent complete: 90.3%; Average loss: 1.2597  
Iteration: 3614; Percent complete: 90.3%; Average loss: 1.0006  
Iteration: 3615; Percent complete: 90.4%; Average loss: 1.2040  
Iteration: 3616; Percent complete: 90.4%; Average loss: 1.2507  
Iteration: 3617; Percent complete: 90.4%; Average loss: 1.0183  
Iteration: 3618; Percent complete: 90.5%; Average loss: 1.2197  
Iteration: 3619; Percent complete: 90.5%; Average loss: 1.3195  
Iteration: 3620; Percent complete: 90.5%; Average loss: 1.0478  
Iteration: 3621; Percent complete: 90.5%; Average loss: 1.1564  
Iteration: 3622; Percent complete: 90.5%; Average loss: 1.3032  
Iteration: 3623; Percent complete: 90.6%; Average loss: 1.2947  
Iteration: 3624; Percent complete: 90.6%; Average loss: 1.2563  
Iteration: 3625; Percent complete: 90.6%; Average loss: 1.5625  
Iteration: 3626; Percent complete: 90.6%; Average loss: 1.2942  
Iteration: 3627; Percent complete: 90.7%; Average loss: 1.0889  
Iteration: 3628; Percent complete: 90.7%; Average loss: 1.1308  
Iteration: 3629; Percent complete: 90.7%; Average loss: 1.4378  
Iteration: 3630; Percent complete: 90.8%; Average loss: 0.9859  
Iteration: 3631; Percent complete: 90.8%; Average loss: 1.1622  
Iteration: 3632; Percent complete: 90.8%; Average loss: 1.1412  
Iteration: 3633; Percent complete: 90.8%; Average loss: 1.2933  
Iteration: 3634; Percent complete: 90.8%; Average loss: 1.2122  
Iteration: 3635; Percent complete: 90.9%; Average loss: 1.1084  
Iteration: 3636; Percent complete: 90.9%; Average loss: 1.3859  
Iteration: 3637; Percent complete: 90.9%; Average loss: 1.3231  
Iteration: 3638; Percent complete: 91.0%; Average loss: 1.2353  
Iteration: 3639; Percent complete: 91.0%; Average loss: 1.2997  
Iteration: 3640; Percent complete: 91.0%; Average loss: 1.3975  
Iteration: 3641; Percent complete: 91.0%; Average loss: 1.1672  
Iteration: 3642; Percent complete: 91.0%; Average loss: 1.2616  
Iteration: 3643; Percent complete: 91.1%; Average loss: 1.3927  
Iteration: 3644; Percent complete: 91.1%; Average loss: 1.3689  
Iteration: 3645; Percent complete: 91.1%; Average loss: 1.3324  
Iteration: 3646; Percent complete: 91.1%; Average loss: 1.2160  
Iteration: 3647; Percent complete: 91.2%; Average loss: 1.4804  
Iteration: 3648; Percent complete: 91.2%; Average loss: 1.0545  
Iteration: 3649; Percent complete: 91.2%; Average loss: 1.2328  
Iteration: 3650; Percent complete: 91.2%; Average loss: 1.6533  
Iteration: 3651; Percent complete: 91.3%; Average loss: 1.1835  
Iteration: 3652; Percent complete: 91.3%; Average loss: 1.3099  
Iteration: 3653; Percent complete: 91.3%; Average loss: 1.2861  
Iteration: 3654; Percent complete: 91.3%; Average loss: 1.2771  
Iteration: 3655; Percent complete: 91.4%; Average loss: 1.3219  
Iteration: 3656; Percent complete: 91.4%; Average loss: 1.3326  
Iteration: 3657; Percent complete: 91.4%; Average loss: 1.2401  
Iteration: 3658; Percent complete: 91.5%; Average loss: 1.1943  
Iteration: 3659; Percent complete: 91.5%; Average loss: 1.3208  
Iteration: 3660; Percent complete: 91.5%; Average loss: 1.2093  
Iteration: 3661; Percent complete: 91.5%; Average loss: 1.1000  
Iteration: 3662; Percent complete: 91.5%; Average loss: 1.2296  
Iteration: 3663; Percent complete: 91.6%; Average loss: 1.2941  
Iteration: 3664; Percent complete: 91.6%; Average loss: 1.4339  
Iteration: 3665; Percent complete: 91.6%; Average loss: 1.3057  
Iteration: 3666; Percent complete: 91.6%; Average loss: 0.9495  
Iteration: 3667; Percent complete: 91.7%; Average loss: 1.2595  
Iteration: 3668; Percent complete: 91.7%; Average loss: 1.2277  
Iteration: 3669; Percent complete: 91.7%; Average loss: 1.2719  
Iteration: 3670; Percent complete: 91.8%; Average loss: 1.3664  
Iteration: 3671; Percent complete: 91.8%; Average loss: 1.3922  
Iteration: 3672; Percent complete: 91.8%; Average loss: 1.2667  
Iteration: 3673; Percent complete: 91.8%; Average loss: 1.2667  
Iteration: 3674; Percent complete: 91.8%; Average loss: 1.2267  
Iteration: 3675; Percent complete: 91.9%; Average loss: 1.2227  
Iteration: 3676; Percent complete: 91.9%; Average loss: 1.2726  
Iteration: 3677; Percent complete: 91.9%; Average loss: 1.3908  
Iteration: 3678; Percent complete: 92.0%; Average loss: 1.2146  
Iteration: 3679; Percent complete: 92.0%; Average loss: 1.3084  
Iteration: 3680; Percent complete: 92.0%; Average loss: 1.1983  
Iteration: 3681; Percent complete: 92.0%; Average loss: 1.3113  
Iteration: 3682; Percent complete: 92.0%; Average loss: 1.4177  
Iteration: 3683; Percent complete: 92.1%; Average loss: 1.3995  
Iteration: 3684; Percent complete: 92.1%; Average loss: 1.1440  
Iteration: 3685; Percent complete: 92.1%; Average loss: 1.2657

Iteration: 3685; Percent complete: 92.1%; Average loss: 1.2057  
Iteration: 3686; Percent complete: 92.2%; Average loss: 1.3051  
Iteration: 3687; Percent complete: 92.2%; Average loss: 1.3650  
Iteration: 3688; Percent complete: 92.2%; Average loss: 1.1051  
Iteration: 3689; Percent complete: 92.2%; Average loss: 1.1824  
Iteration: 3690; Percent complete: 92.2%; Average loss: 1.1947  
Iteration: 3691; Percent complete: 92.3%; Average loss: 1.3824  
Iteration: 3692; Percent complete: 92.3%; Average loss: 1.1276  
Iteration: 3693; Percent complete: 92.3%; Average loss: 1.5087  
Iteration: 3694; Percent complete: 92.3%; Average loss: 1.1244  
Iteration: 3695; Percent complete: 92.4%; Average loss: 1.1052  
Iteration: 3696; Percent complete: 92.4%; Average loss: 1.1703  
Iteration: 3697; Percent complete: 92.4%; Average loss: 1.3700  
Iteration: 3698; Percent complete: 92.5%; Average loss: 1.0228  
Iteration: 3699; Percent complete: 92.5%; Average loss: 1.1842  
Iteration: 3700; Percent complete: 92.5%; Average loss: 1.4417  
Iteration: 3701; Percent complete: 92.5%; Average loss: 1.3230  
Iteration: 3702; Percent complete: 92.5%; Average loss: 1.3770  
Iteration: 3703; Percent complete: 92.6%; Average loss: 1.2452  
Iteration: 3704; Percent complete: 92.6%; Average loss: 1.2141  
Iteration: 3705; Percent complete: 92.6%; Average loss: 1.0847  
Iteration: 3706; Percent complete: 92.7%; Average loss: 1.4167  
Iteration: 3707; Percent complete: 92.7%; Average loss: 1.3019  
Iteration: 3708; Percent complete: 92.7%; Average loss: 1.2051  
Iteration: 3709; Percent complete: 92.7%; Average loss: 1.1754  
Iteration: 3710; Percent complete: 92.8%; Average loss: 1.1756  
Iteration: 3711; Percent complete: 92.8%; Average loss: 1.3195  
Iteration: 3712; Percent complete: 92.8%; Average loss: 1.2546  
Iteration: 3713; Percent complete: 92.8%; Average loss: 1.1813  
Iteration: 3714; Percent complete: 92.8%; Average loss: 1.1256  
Iteration: 3715; Percent complete: 92.9%; Average loss: 1.1241  
Iteration: 3716; Percent complete: 92.9%; Average loss: 1.1651  
Iteration: 3717; Percent complete: 92.9%; Average loss: 1.3282  
Iteration: 3718; Percent complete: 93.0%; Average loss: 1.1472  
Iteration: 3719; Percent complete: 93.0%; Average loss: 1.1706  
Iteration: 3720; Percent complete: 93.0%; Average loss: 1.0488  
Iteration: 3721; Percent complete: 93.0%; Average loss: 1.2012  
Iteration: 3722; Percent complete: 93.0%; Average loss: 1.2995  
Iteration: 3723; Percent complete: 93.1%; Average loss: 1.1309  
Iteration: 3724; Percent complete: 93.1%; Average loss: 1.2250  
Iteration: 3725; Percent complete: 93.1%; Average loss: 1.1695  
Iteration: 3726; Percent complete: 93.2%; Average loss: 1.1451  
Iteration: 3727; Percent complete: 93.2%; Average loss: 1.1058  
Iteration: 3728; Percent complete: 93.2%; Average loss: 1.1234  
Iteration: 3729; Percent complete: 93.2%; Average loss: 1.4667  
Iteration: 3730; Percent complete: 93.2%; Average loss: 1.1587  
Iteration: 3731; Percent complete: 93.3%; Average loss: 1.2913  
Iteration: 3732; Percent complete: 93.3%; Average loss: 1.2462  
Iteration: 3733; Percent complete: 93.3%; Average loss: 1.4498  
Iteration: 3734; Percent complete: 93.3%; Average loss: 1.2715  
Iteration: 3735; Percent complete: 93.4%; Average loss: 1.4115  
Iteration: 3736; Percent complete: 93.4%; Average loss: 1.0448  
Iteration: 3737; Percent complete: 93.4%; Average loss: 1.1368  
Iteration: 3738; Percent complete: 93.5%; Average loss: 1.1391  
Iteration: 3739; Percent complete: 93.5%; Average loss: 1.1375  
Iteration: 3740; Percent complete: 93.5%; Average loss: 1.1736  
Iteration: 3741; Percent complete: 93.5%; Average loss: 1.3362  
Iteration: 3742; Percent complete: 93.5%; Average loss: 1.2558  
Iteration: 3743; Percent complete: 93.6%; Average loss: 0.9942  
Iteration: 3744; Percent complete: 93.6%; Average loss: 1.3139  
Iteration: 3745; Percent complete: 93.6%; Average loss: 1.3677  
Iteration: 3746; Percent complete: 93.7%; Average loss: 1.1690  
Iteration: 3747; Percent complete: 93.7%; Average loss: 1.1198  
Iteration: 3748; Percent complete: 93.7%; Average loss: 1.0575  
Iteration: 3749; Percent complete: 93.7%; Average loss: 1.3273  
Iteration: 3750; Percent complete: 93.8%; Average loss: 1.2710  
Iteration: 3751; Percent complete: 93.8%; Average loss: 0.9506  
Iteration: 3752; Percent complete: 93.8%; Average loss: 0.9796  
Iteration: 3753; Percent complete: 93.8%; Average loss: 1.3985  
Iteration: 3754; Percent complete: 93.8%; Average loss: 1.0143  
Iteration: 3755; Percent complete: 93.9%; Average loss: 1.2637  
Iteration: 3756; Percent complete: 93.9%; Average loss: 1.4460  
Iteration: 3757; Percent complete: 93.9%; Average loss: 1.2332  
Iteration: 3758; Percent complete: 94.0%; Average loss: 1.1634  
Iteration: 3759; Percent complete: 94.0%; Average loss: 1.1968  
Iteration: 3760; Percent complete: 94.0%; Average loss: 1.0927  
Iteration: 3761; Percent complete: 94.0%; Average loss: 1.4043  
Iteration: 3762; Percent complete: 94.0%; Average loss: 1.1738  
Iteration: 3763; Percent complete: 94.1%; Average loss: 1.2103  
Iteration: 3764; Percent complete: 94.1%; Average loss: 0.9079  
Iteration: 3765; Percent complete: 94.1%; Average loss: 1.1551  
Iteration: 3766; Percent complete: 94.2%; Average loss: 1.4104  
Iteration: 3767; Percent complete: 94.2%; Average loss: 1.1644  
Iteration: 3768; Percent complete: 94.2%; Average loss: 1.1560  
Iteration: 3769; Percent complete: 94.2%; Average loss: 1.0286  
Iteration: 3770; Percent complete: 94.2%; Average loss: 1.3197  
Iteration: 3771; Percent complete: 94.3%; Average loss: 1.0546  
Iteration: 3772; Percent complete: 94.3%; Average loss: 1.4412  
Iteration: 3773; Percent complete: 94.3%; Average loss: 1.1582  
Iteration: 3774; Percent complete: 94.3%; Average loss: 1.1632  
Iteration: 3775; Percent complete: 94.4%; Average loss: 1.3420  
Iteration: 3776; Percent complete: 94.4%; Average loss: 1.1788



|            |       |         |           |        |         |       |        |
|------------|-------|---------|-----------|--------|---------|-------|--------|
| Iteration: | 3868; | Percent | complete: | 96.7%; | Average | loss: | 1.2394 |
| Iteration: | 3869; | Percent | complete: | 96.7%; | Average | loss: | 1.1746 |
| Iteration: | 3870; | Percent | complete: | 96.8%; | Average | loss: | 1.1312 |
| Iteration: | 3871; | Percent | complete: | 96.8%; | Average | loss: | 1.2254 |
| Iteration: | 3872; | Percent | complete: | 96.8%; | Average | loss: | 1.2187 |
| Iteration: | 3873; | Percent | complete: | 96.8%; | Average | loss: | 1.4534 |
| Iteration: | 3874; | Percent | complete: | 96.9%; | Average | loss: | 1.4969 |
| Iteration: | 3875; | Percent | complete: | 96.9%; | Average | loss: | 1.1327 |
| Iteration: | 3876; | Percent | complete: | 96.9%; | Average | loss: | 1.3285 |
| Iteration: | 3877; | Percent | complete: | 96.9%; | Average | loss: | 1.4108 |
| Iteration: | 3878; | Percent | complete: | 97.0%; | Average | loss: | 1.1916 |
| Iteration: | 3879; | Percent | complete: | 97.0%; | Average | loss: | 1.2666 |
| Iteration: | 3880; | Percent | complete: | 97.0%; | Average | loss: | 1.3226 |
| Iteration: | 3881; | Percent | complete: | 97.0%; | Average | loss: | 1.0148 |
| Iteration: | 3882; | Percent | complete: | 97.0%; | Average | loss: | 1.3383 |
| Iteration: | 3883; | Percent | complete: | 97.1%; | Average | loss: | 1.3447 |
| Iteration: | 3884; | Percent | complete: | 97.1%; | Average | loss: | 1.2347 |
| Iteration: | 3885; | Percent | complete: | 97.1%; | Average | loss: | 1.2487 |
| Iteration: | 3886; | Percent | complete: | 97.2%; | Average | loss: | 1.2078 |
| Iteration: | 3887; | Percent | complete: | 97.2%; | Average | loss: | 1.4754 |
| Iteration: | 3888; | Percent | complete: | 97.2%; | Average | loss: | 1.0127 |
| Iteration: | 3889; | Percent | complete: | 97.2%; | Average | loss: | 1.3383 |
| Iteration: | 3890; | Percent | complete: | 97.2%; | Average | loss: | 1.3019 |
| Iteration: | 3891; | Percent | complete: | 97.3%; | Average | loss: | 1.3967 |
| Iteration: | 3892; | Percent | complete: | 97.3%; | Average | loss: | 1.3345 |
| Iteration: | 3893; | Percent | complete: | 97.3%; | Average | loss: | 1.1782 |
| Iteration: | 3894; | Percent | complete: | 97.4%; | Average | loss: | 1.3486 |
| Iteration: | 3895; | Percent | complete: | 97.4%; | Average | loss: | 1.2946 |
| Iteration: | 3896; | Percent | complete: | 97.4%; | Average | loss: | 1.2292 |
| Iteration: | 3897; | Percent | complete: | 97.4%; | Average | loss: | 1.0692 |
| Iteration: | 3898; | Percent | complete: | 97.5%; | Average | loss: | 1.2036 |
| Iteration: | 3899; | Percent | complete: | 97.5%; | Average | loss: | 1.1745 |
| Iteration: | 3900; | Percent | complete: | 97.5%; | Average | loss: | 1.2843 |
| Iteration: | 3901; | Percent | complete: | 97.5%; | Average | loss: | 1.2505 |
| Iteration: | 3902; | Percent | complete: | 97.5%; | Average | loss: | 1.1468 |
| Iteration: | 3903; | Percent | complete: | 97.6%; | Average | loss: | 1.3695 |
| Iteration: | 3904; | Percent | complete: | 97.6%; | Average | loss: | 1.2472 |
| Iteration: | 3905; | Percent | complete: | 97.6%; | Average | loss: | 1.0986 |
| Iteration: | 3906; | Percent | complete: | 97.7%; | Average | loss: | 1.1808 |
| Iteration: | 3907; | Percent | complete: | 97.7%; | Average | loss: | 1.3237 |
| Iteration: | 3908; | Percent | complete: | 97.7%; | Average | loss: | 1.3837 |
| Iteration: | 3909; | Percent | complete: | 97.7%; | Average | loss: | 1.3243 |
| Iteration: | 3910; | Percent | complete: | 97.8%; | Average | loss: | 1.1455 |
| Iteration: | 3911; | Percent | complete: | 97.8%; | Average | loss: | 1.1374 |
| Iteration: | 3912; | Percent | complete: | 97.8%; | Average | loss: | 1.1023 |
| Iteration: | 3913; | Percent | complete: | 97.8%; | Average | loss: | 1.3678 |
| Iteration: | 3914; | Percent | complete: | 97.9%; | Average | loss: | 1.2672 |
| Iteration: | 3915; | Percent | complete: | 97.9%; | Average | loss: | 1.2589 |
| Iteration: | 3916; | Percent | complete: | 97.9%; | Average | loss: | 1.2093 |
| Iteration: | 3917; | Percent | complete: | 97.9%; | Average | loss: | 1.2956 |
| Iteration: | 3918; | Percent | complete: | 98.0%; | Average | loss: | 1.4314 |
| Iteration: | 3919; | Percent | complete: | 98.0%; | Average | loss: | 1.2998 |
| Iteration: | 3920; | Percent | complete: | 98.0%; | Average | loss: | 1.3706 |
| Iteration: | 3921; | Percent | complete: | 98.0%; | Average | loss: | 1.0363 |
| Iteration: | 3922; | Percent | complete: | 98.0%; | Average | loss: | 1.3045 |
| Iteration: | 3923; | Percent | complete: | 98.1%; | Average | loss: | 1.2355 |
| Iteration: | 3924; | Percent | complete: | 98.1%; | Average | loss: | 1.3047 |
| Iteration: | 3925; | Percent | complete: | 98.1%; | Average | loss: | 1.2138 |
| Iteration: | 3926; | Percent | complete: | 98.2%; | Average | loss: | 1.0856 |
| Iteration: | 3927; | Percent | complete: | 98.2%; | Average | loss: | 1.0926 |
| Iteration: | 3928; | Percent | complete: | 98.2%; | Average | loss: | 1.2604 |
| Iteration: | 3929; | Percent | complete: | 98.2%; | Average | loss: | 1.3817 |
| Iteration: | 3930; | Percent | complete: | 98.2%; | Average | loss: | 1.2325 |
| Iteration: | 3931; | Percent | complete: | 98.3%; | Average | loss: | 1.1140 |





|            |     |                   |       |               |        |
|------------|-----|-------------------|-------|---------------|--------|
| Iteration: | 11; | Percent complete: | 0.3%; | Average loss: | 1.2769 |
| Iteration: | 12; | Percent complete: | 0.3%; | Average loss: | 1.2974 |
| Iteration: | 13; | Percent complete: | 0.3%; | Average loss: | 1.0708 |
| Iteration: | 14; | Percent complete: | 0.4%; | Average loss: | 1.1483 |
| Iteration: | 15; | Percent complete: | 0.4%; | Average loss: | 1.2904 |
| Iteration: | 16; | Percent complete: | 0.4%; | Average loss: | 1.2988 |
| Iteration: | 17; | Percent complete: | 0.4%; | Average loss: | 1.3088 |
| Iteration: | 18; | Percent complete: | 0.4%; | Average loss: | 1.1218 |
| Iteration: | 19; | Percent complete: | 0.5%; | Average loss: | 1.1881 |
| Iteration: | 20; | Percent complete: | 0.5%; | Average loss: | 1.2295 |
| Iteration: | 21; | Percent complete: | 0.5%; | Average loss: | 1.1072 |
| Iteration: | 22; | Percent complete: | 0.5%; | Average loss: | 1.3552 |
| Iteration: | 23; | Percent complete: | 0.6%; | Average loss: | 1.2326 |
| Iteration: | 24; | Percent complete: | 0.6%; | Average loss: | 1.3281 |
| Iteration: | 25; | Percent complete: | 0.6%; | Average loss: | 1.4199 |
| Iteration: | 26; | Percent complete: | 0.7%; | Average loss: | 1.1954 |
| Iteration: | 27; | Percent complete: | 0.7%; | Average loss: | 1.1973 |
| Iteration: | 28; | Percent complete: | 0.7%; | Average loss: | 1.1183 |
| Iteration: | 29; | Percent complete: | 0.7%; | Average loss: | 1.1369 |
| Iteration: | 30; | Percent complete: | 0.8%; | Average loss: | 1.1815 |
| Iteration: | 31; | Percent complete: | 0.8%; | Average loss: | 1.3499 |
| Iteration: | 32; | Percent complete: | 0.8%; | Average loss: | 1.3228 |
| Iteration: | 33; | Percent complete: | 0.8%; | Average loss: | 1.2556 |
| Iteration: | 34; | Percent complete: | 0.9%; | Average loss: | 1.2536 |
| Iteration: | 35; | Percent complete: | 0.9%; | Average loss: | 1.3328 |
| Iteration: | 36; | Percent complete: | 0.9%; | Average loss: | 1.1878 |
| Iteration: | 37; | Percent complete: | 0.9%; | Average loss: | 1.1729 |
| Iteration: | 38; | Percent complete: | 0.9%; | Average loss: | 1.2543 |
| Iteration: | 39; | Percent complete: | 1.0%; | Average loss: | 1.0351 |
| Iteration: | 40; | Percent complete: | 1.0%; | Average loss: | 0.9881 |
| Iteration: | 41; | Percent complete: | 1.0%; | Average loss: | 1.1909 |
| Iteration: | 42; | Percent complete: | 1.1%; | Average loss: | 1.5636 |
| Iteration: | 43; | Percent complete: | 1.1%; | Average loss: | 1.4091 |
| Iteration: | 44; | Percent complete: | 1.1%; | Average loss: | 1.5030 |
| Iteration: | 45; | Percent complete: | 1.1%; | Average loss: | 1.1443 |
| Iteration: | 46; | Percent complete: | 1.1%; | Average loss: | 1.2506 |
| Iteration: | 47; | Percent complete: | 1.2%; | Average loss: | 1.2591 |
| Iteration: | 48; | Percent complete: | 1.2%; | Average loss: | 1.3684 |
| Iteration: | 49; | Percent complete: | 1.2%; | Average loss: | 1.1247 |
| Iteration: | 50; | Percent complete: | 1.2%; | Average loss: | 1.1171 |
| Iteration: | 51; | Percent complete: | 1.3%; | Average loss: | 1.2371 |
| Iteration: | 52; | Percent complete: | 1.3%; | Average loss: | 1.3021 |
| Iteration: | 53; | Percent complete: | 1.3%; | Average loss: | 1.2873 |
| Iteration: | 54; | Percent complete: | 1.4%; | Average loss: | 1.1985 |
| Iteration: | 55; | Percent complete: | 1.4%; | Average loss: | 0.8869 |
| Iteration: | 56; | Percent complete: | 1.4%; | Average loss: | 1.3452 |
| Iteration: | 57; | Percent complete: | 1.4%; | Average loss: | 1.2030 |
| Iteration: | 58; | Percent complete: | 1.5%; | Average loss: | 1.1106 |
| Iteration: | 59; | Percent complete: | 1.5%; | Average loss: | 1.3563 |
| Iteration: | 60; | Percent complete: | 1.5%; | Average loss: | 1.1021 |
| Iteration: | 61; | Percent complete: | 1.5%; | Average loss: | 1.2559 |
| Iteration: | 62; | Percent complete: | 1.6%; | Average loss: | 1.1280 |
| Iteration: | 63; | Percent complete: | 1.6%; | Average loss: | 1.2892 |
| Iteration: | 64; | Percent complete: | 1.6%; | Average loss: | 1.3961 |
| Iteration: | 65; | Percent complete: | 1.6%; | Average loss: | 1.3645 |
| Iteration: | 66; | Percent complete: | 1.7%; | Average loss: | 1.3620 |
| Iteration: | 67; | Percent complete: | 1.7%; | Average loss: | 1.1695 |
| Iteration: | 68; | Percent complete: | 1.7%; | Average loss: | 1.2547 |
| Iteration: | 69; | Percent complete: | 1.7%; | Average loss: | 1.3825 |
| Iteration: | 70; | Percent complete: | 1.8%; | Average loss: | 1.1561 |
| Iteration: | 71; | Percent complete: | 1.8%; | Average loss: | 1.1982 |
| Iteration: | 72; | Percent complete: | 1.8%; | Average loss: | 1.2204 |
| Iteration: | 73; | Percent complete: | 1.8%; | Average loss: | 1.1808 |
| Iteration: | 74; | Percent complete: | 1.8%; | Average loss: | 1.2259 |
| Iteration: | 75; | Percent complete: | 1.9%; | Average loss: | 1.1204 |
| Iteration: | 76; | Percent complete: | 1.9%; | Average loss: | 1.0315 |
| Iteration: | 77; | Percent complete: | 1.9%; | Average loss: | 1.0502 |
| Iteration: | 78; | Percent complete: | 1.9%; | Average loss: | 1.2413 |
| Iteration: | 79; | Percent complete: | 2.0%; | Average loss: | 1.2375 |
| Iteration: | 80; | Percent complete: | 2.0%; | Average loss: | 1.1224 |
| Iteration: | 81; | Percent complete: | 2.0%; | Average loss: | 1.2408 |
| Iteration: | 82; | Percent complete: | 2.1%; | Average loss: | 1.2969 |
| Iteration: | 83; | Percent complete: | 2.1%; | Average loss: | 1.2433 |
| Iteration: | 84; | Percent complete: | 2.1%; | Average loss: | 1.1510 |
| Iteration: | 85; | Percent complete: | 2.1%; | Average loss: | 1.0777 |
| Iteration: | 86; | Percent complete: | 2.1%; | Average loss: | 1.2540 |
| Iteration: | 87; | Percent complete: | 2.2%; | Average loss: | 1.2060 |
| Iteration: | 88; | Percent complete: | 2.2%; | Average loss: | 1.3623 |
| Iteration: | 89; | Percent complete: | 2.2%; | Average loss: | 1.3516 |
| Iteration: | 90; | Percent complete: | 2.2%; | Average loss: | 1.1717 |
| Iteration: | 91; |                   |       |               |        |

Iteration: 102; Percent complete: 2.5%; Average loss: 1.4750  
Iteration: 103; Percent complete: 2.6%; Average loss: 1.1530  
Iteration: 104; Percent complete: 2.6%; Average loss: 1.2952  
Iteration: 105; Percent complete: 2.6%; Average loss: 1.4401  
Iteration: 106; Percent complete: 2.6%; Average loss: 1.1616  
Iteration: 107; Percent complete: 2.7%; Average loss: 1.4405  
Iteration: 108; Percent complete: 2.7%; Average loss: 1.3967  
Iteration: 109; Percent complete: 2.7%; Average loss: 1.1365  
Iteration: 110; Percent complete: 2.8%; Average loss: 1.2511  
Iteration: 111; Percent complete: 2.8%; Average loss: 1.2719  
Iteration: 112; Percent complete: 2.8%; Average loss: 1.1611  
Iteration: 113; Percent complete: 2.8%; Average loss: 1.2719  
Iteration: 114; Percent complete: 2.9%; Average loss: 1.1247  
Iteration: 115; Percent complete: 2.9%; Average loss: 1.2210  
Iteration: 116; Percent complete: 2.9%; Average loss: 1.0654  
Iteration: 117; Percent complete: 2.9%; Average loss: 1.4321  
Iteration: 118; Percent complete: 2.9%; Average loss: 1.3160  
Iteration: 119; Percent complete: 3.0%; Average loss: 1.0662  
Iteration: 120; Percent complete: 3.0%; Average loss: 1.1332  
Iteration: 121; Percent complete: 3.0%; Average loss: 1.2131  
Iteration: 122; Percent complete: 3.0%; Average loss: 1.3868  
Iteration: 123; Percent complete: 3.1%; Average loss: 1.0880  
Iteration: 124; Percent complete: 3.1%; Average loss: 1.2598  
Iteration: 125; Percent complete: 3.1%; Average loss: 1.2739  
Iteration: 126; Percent complete: 3.1%; Average loss: 1.1659  
Iteration: 127; Percent complete: 3.2%; Average loss: 1.3456  
Iteration: 128; Percent complete: 3.2%; Average loss: 1.0471  
Iteration: 129; Percent complete: 3.2%; Average loss: 1.2793  
Iteration: 130; Percent complete: 3.2%; Average loss: 1.0633  
Iteration: 131; Percent complete: 3.3%; Average loss: 1.2642  
Iteration: 132; Percent complete: 3.3%; Average loss: 1.3918  
Iteration: 133; Percent complete: 3.3%; Average loss: 1.2211  
Iteration: 134; Percent complete: 3.4%; Average loss: 1.4766  
Iteration: 135; Percent complete: 3.4%; Average loss: 1.4673  
Iteration: 136; Percent complete: 3.4%; Average loss: 1.1305  
Iteration: 137; Percent complete: 3.4%; Average loss: 1.2753  
Iteration: 138; Percent complete: 3.5%; Average loss: 1.1933  
Iteration: 139; Percent complete: 3.5%; Average loss: 1.3832  
Iteration: 140; Percent complete: 3.5%; Average loss: 1.3592  
Iteration: 141; Percent complete: 3.5%; Average loss: 1.3213  
Iteration: 142; Percent complete: 3.5%; Average loss: 1.1870  
Iteration: 143; Percent complete: 3.6%; Average loss: 1.3963  
Iteration: 144; Percent complete: 3.6%; Average loss: 1.1673  
Iteration: 145; Percent complete: 3.6%; Average loss: 1.3469  
Iteration: 146; Percent complete: 3.6%; Average loss: 1.1921  
Iteration: 147; Percent complete: 3.7%; Average loss: 1.1015  
Iteration: 148; Percent complete: 3.7%; Average loss: 1.1859  
Iteration: 149; Percent complete: 3.7%; Average loss: 1.3552  
Iteration: 150; Percent complete: 3.8%; Average loss: 1.2601  
Iteration: 151; Percent complete: 3.8%; Average loss: 1.0921  
Iteration: 152; Percent complete: 3.8%; Average loss: 1.3848  
Iteration: 153; Percent complete: 3.8%; Average loss: 1.2128  
Iteration: 154; Percent complete: 3.9%; Average loss: 1.1772  
Iteration: 155; Percent complete: 3.9%; Average loss: 1.0852  
Iteration: 156; Percent complete: 3.9%; Average loss: 1.2891  
Iteration: 157; Percent complete: 3.9%; Average loss: 1.2258  
Iteration: 158; Percent complete: 4.0%; Average loss: 1.2973  
Iteration: 159; Percent complete: 4.0%; Average loss: 1.3222  
Iteration: 160; Percent complete: 4.0%; Average loss: 1.2835  
Iteration: 161; Percent complete: 4.0%; Average loss: 1.1225  
Iteration: 162; Percent complete: 4.0%; Average loss: 1.1473  
Iteration: 163; Percent complete: 4.1%; Average loss: 1.1098  
Iteration: 164; Percent complete: 4.1%; Average loss: 1.1250  
Iteration: 165; Percent complete: 4.1%; Average loss: 1.2767  
Iteration: 166; Percent complete: 4.2%; Average loss: 1.0269  
Iteration: 167; Percent complete: 4.2%; Average loss: 1.2882  
Iteration: 168; Percent complete: 4.2%; Average loss: 0.9385  
Iteration: 169; Percent complete: 4.2%; Average loss: 1.0480  
Iteration: 170; Percent complete: 4.2%; Average loss: 1.1641  
Iteration: 171; Percent complete: 4.3%; Average loss: 1.2919  
Iteration: 172; Percent complete: 4.3%; Average loss: 1.3073  
Iteration: 173; Percent complete: 4.3%; Average loss: 1.1615  
Iteration: 174; Percent complete: 4.3%; Average loss: 1.1151  
Iteration: 175; Percent complete: 4.4%; Average loss: 1.3656  
Iteration: 176; Percent complete: 4.4%; Average loss: 1.1429  
Iteration: 177; Percent complete: 4.4%; Average loss: 1.1613  
Iteration: 178; Percent complete: 4.5%; Average loss: 1.2430  
Iteration: 179; Percent complete: 4.5%; Average loss: 1.2342  
Iteration: 180; Percent complete: 4.5%; Average loss: 1.2378  
Iteration: 181; Percent complete: 4.5%; Average loss: 1.2375  
Iteration: 182; Percent complete: 4.5%; Average loss: 1.2982  
Iteration: 183; Percent complete: 4.6%; Average loss: 1.3602  
Iteration: 184; Percent complete: 4.6%; Average loss: 0.9991  
Iteration: 185; Percent complete: 4.6%; Average loss: 1.1561  
Iteration: 186; Percent complete: 4.7%; Average loss: 1.3095  
Iteration: 187; Percent complete: 4.7%; Average loss: 1.2054  
Iteration: 188; Percent complete: 4.7%; Average loss: 1.0924  
Iteration: 189; Percent complete: 4.7%; Average loss: 1.2057  
Iteration: 190; Percent complete: 4.8%; Average loss: 1.1494  
Iteration: 191; Percent complete: 4.8%; Average loss: 1.3965  
Iteration: 192; Percent complete: 4.8%; Average loss: 1.2483  
Iteration: 193; Percent complete: 4.8%; Average loss: 1.2238

Iteration: 194; Percent complete: 4.9%; Average loss: 1.3338  
Iteration: 195; Percent complete: 4.9%; Average loss: 1.2738  
Iteration: 196; Percent complete: 4.9%; Average loss: 1.1349  
Iteration: 197; Percent complete: 4.9%; Average loss: 1.2241  
Iteration: 198; Percent complete: 5.0%; Average loss: 1.1948  
Iteration: 199; Percent complete: 5.0%; Average loss: 1.2282  
Iteration: 200; Percent complete: 5.0%; Average loss: 1.2231  
Iteration: 201; Percent complete: 5.0%; Average loss: 1.1378  
Iteration: 202; Percent complete: 5.1%; Average loss: 1.0712  
Iteration: 203; Percent complete: 5.1%; Average loss: 1.3108  
Iteration: 204; Percent complete: 5.1%; Average loss: 1.0583  
Iteration: 205; Percent complete: 5.1%; Average loss: 1.0500  
Iteration: 206; Percent complete: 5.1%; Average loss: 1.1267  
Iteration: 207; Percent complete: 5.2%; Average loss: 1.0353  
Iteration: 208; Percent complete: 5.2%; Average loss: 1.1070  
Iteration: 209; Percent complete: 5.2%; Average loss: 1.1482  
Iteration: 210; Percent complete: 5.2%; Average loss: 1.2527  
Iteration: 211; Percent complete: 5.3%; Average loss: 1.0771  
Iteration: 212; Percent complete: 5.3%; Average loss: 1.3041  
Iteration: 213; Percent complete: 5.3%; Average loss: 1.2464  
Iteration: 214; Percent complete: 5.3%; Average loss: 1.0590  
Iteration: 215; Percent complete: 5.4%; Average loss: 0.9658  
Iteration: 216; Percent complete: 5.4%; Average loss: 1.2804  
Iteration: 217; Percent complete: 5.4%; Average loss: 1.2231  
Iteration: 218; Percent complete: 5.5%; Average loss: 1.0592  
Iteration: 219; Percent complete: 5.5%; Average loss: 1.0437  
Iteration: 220; Percent complete: 5.5%; Average loss: 1.2430  
Iteration: 221; Percent complete: 5.5%; Average loss: 1.1317  
Iteration: 222; Percent complete: 5.5%; Average loss: 1.2644  
Iteration: 223; Percent complete: 5.6%; Average loss: 1.2387  
Iteration: 224; Percent complete: 5.6%; Average loss: 1.4720  
Iteration: 225; Percent complete: 5.6%; Average loss: 1.3450  
Iteration: 226; Percent complete: 5.7%; Average loss: 1.2082  
Iteration: 227; Percent complete: 5.7%; Average loss: 1.1765  
Iteration: 228; Percent complete: 5.7%; Average loss: 1.1181  
Iteration: 229; Percent complete: 5.7%; Average loss: 1.3997  
Iteration: 230; Percent complete: 5.8%; Average loss: 1.2657  
Iteration: 231; Percent complete: 5.8%; Average loss: 1.0392  
Iteration: 232; Percent complete: 5.8%; Average loss: 1.0476  
Iteration: 233; Percent complete: 5.8%; Average loss: 1.2825  
Iteration: 234; Percent complete: 5.9%; Average loss: 1.1063  
Iteration: 235; Percent complete: 5.9%; Average loss: 1.4196  
Iteration: 236; Percent complete: 5.9%; Average loss: 1.2610  
Iteration: 237; Percent complete: 5.9%; Average loss: 1.3141  
Iteration: 238; Percent complete: 5.9%; Average loss: 1.2909  
Iteration: 239; Percent complete: 6.0%; Average loss: 1.3701  
Iteration: 240; Percent complete: 6.0%; Average loss: 1.2181  
Iteration: 241; Percent complete: 6.0%; Average loss: 1.2077  
Iteration: 242; Percent complete: 6.0%; Average loss: 1.2534  
Iteration: 243; Percent complete: 6.1%; Average loss: 1.2725  
Iteration: 244; Percent complete: 6.1%; Average loss: 1.1894  
Iteration: 245; Percent complete: 6.1%; Average loss: 1.1618  
Iteration: 246; Percent complete: 6.2%; Average loss: 1.1091  
Iteration: 247; Percent complete: 6.2%; Average loss: 1.0955  
Iteration: 248; Percent complete: 6.2%; Average loss: 1.2021  
Iteration: 249; Percent complete: 6.2%; Average loss: 1.3157  
Iteration: 250; Percent complete: 6.2%; Average loss: 1.0916  
Iteration: 251; Percent complete: 6.3%; Average loss: 1.2816  
Iteration: 252; Percent complete: 6.3%; Average loss: 1.1672  
Iteration: 253; Percent complete: 6.3%; Average loss: 1.2742  
Iteration: 254; Percent complete: 6.3%; Average loss: 1.0389  
Iteration: 255; Percent complete: 6.4%; Average loss: 1.2156  
Iteration: 256; Percent complete: 6.4%; Average loss: 1.2695  
Iteration: 257; Percent complete: 6.4%; Average loss: 1.4401  
Iteration: 258; Percent complete: 6.5%; Average loss: 1.1325  
Iteration: 259; Percent complete: 6.5%; Average loss: 1.0855  
Iteration: 260; Percent complete: 6.5%; Average loss: 1.1832  
Iteration: 261; Percent complete: 6.5%; Average loss: 1.2592  
Iteration: 262; Percent complete: 6.6%; Average loss: 1.1922  
Iteration: 263; Percent complete: 6.6%; Average loss: 1.2968  
Iteration: 264; Percent complete: 6.6%; Average loss: 1.2259  
Iteration: 265; Percent complete: 6.6%; Average loss: 1.2522  
Iteration: 266; Percent complete: 6.7%; Average loss: 1.1317  
Iteration: 267; Percent complete: 6.7%; Average loss: 1.2357  
Iteration: 268; Percent complete: 6.7%; Average loss: 1.3584  
Iteration: 269; Percent complete: 6.7%; Average loss: 1.0093  
Iteration: 270; Percent complete: 6.8%; Average loss: 1.2191  
Iteration: 271; Percent complete: 6.8%; Average loss: 1.1163  
Iteration: 272; Percent complete: 6.8%; Average loss: 1.1955  
Iteration: 273; Percent complete: 6.8%; Average loss: 1.2231  
Iteration: 274; Percent complete: 6.9%; Average loss: 1.1939  
Iteration: 275; Percent complete: 6.9%; Average loss: 1.1599  
Iteration: 276; Percent complete: 6.9%; Average loss: 1.3893  
Iteration: 277; Percent complete: 6.9%; Average loss: 1.3067  
Iteration: 278; Percent complete: 7.0%; Average loss: 1.2988  
Iteration: 279; Percent complete: 7.0%; Average loss: 1.2045  
Iteration: 280; Percent complete: 7.0%; Average loss: 1.2446  
Iteration: 281; Percent complete: 7.0%; Average loss: 1.2381  
Iteration: 282; Percent complete: 7.0%; Average loss: 1.1952  
Iteration: 283; Percent complete: 7.1%; Average loss: 1.1187  
Iteration: 284; Percent complete: 7.1%; Average loss: 1.4549

Iteration: 285; Percent complete: 7.1%; Average loss: 1.2060  
Iteration: 286; Percent complete: 7.1%; Average loss: 1.2302  
Iteration: 287; Percent complete: 7.2%; Average loss: 1.3283  
Iteration: 288; Percent complete: 7.2%; Average loss: 1.2025  
Iteration: 289; Percent complete: 7.2%; Average loss: 1.1073  
Iteration: 290; Percent complete: 7.2%; Average loss: 1.1760  
Iteration: 291; Percent complete: 7.3%; Average loss: 1.1206  
Iteration: 292; Percent complete: 7.3%; Average loss: 1.3466  
Iteration: 293; Percent complete: 7.3%; Average loss: 1.2222  
Iteration: 294; Percent complete: 7.3%; Average loss: 1.1557  
Iteration: 295; Percent complete: 7.4%; Average loss: 1.2917  
Iteration: 296; Percent complete: 7.4%; Average loss: 0.9569  
Iteration: 297; Percent complete: 7.4%; Average loss: 1.2034  
Iteration: 298; Percent complete: 7.4%; Average loss: 1.2992  
Iteration: 299; Percent complete: 7.5%; Average loss: 1.3364  
Iteration: 300; Percent complete: 7.5%; Average loss: 1.1458  
Iteration: 301; Percent complete: 7.5%; Average loss: 1.3363  
Iteration: 302; Percent complete: 7.5%; Average loss: 1.2909  
Iteration: 303; Percent complete: 7.6%; Average loss: 1.2785  
Iteration: 304; Percent complete: 7.6%; Average loss: 1.1533  
Iteration: 305; Percent complete: 7.6%; Average loss: 1.1462  
Iteration: 306; Percent complete: 7.6%; Average loss: 1.1076  
Iteration: 307; Percent complete: 7.7%; Average loss: 1.4225  
Iteration: 308; Percent complete: 7.7%; Average loss: 1.2936  
Iteration: 309; Percent complete: 7.7%; Average loss: 1.2966  
Iteration: 310; Percent complete: 7.8%; Average loss: 1.2846  
Iteration: 311; Percent complete: 7.8%; Average loss: 0.9889  
Iteration: 312; Percent complete: 7.8%; Average loss: 1.2024  
Iteration: 313; Percent complete: 7.8%; Average loss: 1.0730  
Iteration: 314; Percent complete: 7.8%; Average loss: 1.1497  
Iteration: 315; Percent complete: 7.9%; Average loss: 1.2719  
Iteration: 316; Percent complete: 7.9%; Average loss: 1.1735  
Iteration: 317; Percent complete: 7.9%; Average loss: 1.0957  
Iteration: 318; Percent complete: 8.0%; Average loss: 1.4361  
Iteration: 319; Percent complete: 8.0%; Average loss: 1.3121  
Iteration: 320; Percent complete: 8.0%; Average loss: 1.1474  
Iteration: 321; Percent complete: 8.0%; Average loss: 1.1967  
Iteration: 322; Percent complete: 8.1%; Average loss: 1.2226  
Iteration: 323; Percent complete: 8.1%; Average loss: 1.1389  
Iteration: 324; Percent complete: 8.1%; Average loss: 1.1740  
Iteration: 325; Percent complete: 8.1%; Average loss: 1.3026  
Iteration: 326; Percent complete: 8.2%; Average loss: 1.0482  
Iteration: 327; Percent complete: 8.2%; Average loss: 1.2052  
Iteration: 328; Percent complete: 8.2%; Average loss: 1.2969  
Iteration: 329; Percent complete: 8.2%; Average loss: 1.4079  
Iteration: 330; Percent complete: 8.2%; Average loss: 1.4199  
Iteration: 331; Percent complete: 8.3%; Average loss: 1.0475  
Iteration: 332; Percent complete: 8.3%; Average loss: 1.3379  
Iteration: 333; Percent complete: 8.3%; Average loss: 1.2836  
Iteration: 334; Percent complete: 8.3%; Average loss: 1.2425  
Iteration: 335; Percent complete: 8.4%; Average loss: 1.1865  
Iteration: 336; Percent complete: 8.4%; Average loss: 1.2740  
Iteration: 337; Percent complete: 8.4%; Average loss: 1.1376  
Iteration: 338; Percent complete: 8.5%; Average loss: 1.1644  
Iteration: 339; Percent complete: 8.5%; Average loss: 1.1434  
Iteration: 340; Percent complete: 8.5%; Average loss: 1.0920  
Iteration: 341; Percent complete: 8.5%; Average loss: 1.2032  
Iteration: 342; Percent complete: 8.6%; Average loss: 1.3261  
Iteration: 343; Percent complete: 8.6%; Average loss: 1.2627  
Iteration: 344; Percent complete: 8.6%; Average loss: 1.0909  
Iteration: 345; Percent complete: 8.6%; Average loss: 0.9626  
Iteration: 346; Percent complete: 8.6%; Average loss: 1.2708  
Iteration: 347; Percent complete: 8.7%; Average loss: 1.2669  
Iteration: 348; Percent complete: 8.7%; Average loss: 1.1768  
Iteration: 349; Percent complete: 8.7%; Average loss: 1.1774  
Iteration: 350; Percent complete: 8.8%; Average loss: 1.1097  
Iteration: 351; Percent complete: 8.8%; Average loss: 1.1656  
Iteration: 352; Percent complete: 8.8%; Average loss: 1.4921  
Iteration: 353; Percent complete: 8.8%; Average loss: 1.2297  
Iteration: 354; Percent complete: 8.8%; Average loss: 1.2866  
Iteration: 355; Percent complete: 8.9%; Average loss: 1.2953  
Iteration: 356; Percent complete: 8.9%; Average loss: 1.2113  
Iteration: 357; Percent complete: 8.9%; Average loss: 1.1116  
Iteration: 358; Percent complete: 8.9%; Average loss: 1.1448  
Iteration: 359; Percent complete: 9.0%; Average loss: 1.1934  
Iteration: 360; Percent complete: 9.0%; Average loss: 0.9466  
Iteration: 361; Percent complete: 9.0%; Average loss: 1.2740  
Iteration: 362; Percent complete: 9.0%; Average loss: 1.2803  
Iteration: 363; Percent complete: 9.1%; Average loss: 1.2989  
Iteration: 364; Percent complete: 9.1%; Average loss: 1.2112  
Iteration: 365; Percent complete: 9.1%; Average loss: 1.1891  
Iteration: 366; Percent complete: 9.2%; Average loss: 1.4552  
Iteration: 367; Percent complete: 9.2%; Average loss: 1.1428  
Iteration: 368; Percent complete: 9.2%; Average loss: 1.1548  
Iteration: 369; Percent complete: 9.2%; Average loss: 1.2641  
Iteration: 370; Percent complete: 9.2%; Average loss: 1.2022  
Iteration: 371; Percent complete: 9.3%; Average loss: 0.9640  
Iteration: 372; Percent complete: 9.3%; Average loss: 1.3965  
Iteration: 373; Percent complete: 9.3%; Average loss: 1.3263  
Iteration: 374; Percent complete: 9.3%; Average loss: 1.1499  
Iteration: 375; Percent complete: 9.4%; Average loss: 1.2187

|            |      |                   |        |               |        |
|------------|------|-------------------|--------|---------------|--------|
| Iteration: | 376; | Percent complete: | 9.4%;  | Average loss: | 1.1211 |
| Iteration: | 377; | Percent complete: | 9.4%;  | Average loss: | 1.1645 |
| Iteration: | 378; | Percent complete: | 9.4%;  | Average loss: | 1.2903 |
| Iteration: | 379; | Percent complete: | 9.5%;  | Average loss: | 1.1202 |
| Iteration: | 380; | Percent complete: | 9.5%;  | Average loss: | 1.1507 |
| Iteration: | 381; | Percent complete: | 9.5%;  | Average loss: | 1.0493 |
| Iteration: | 382; | Percent complete: | 9.6%;  | Average loss: | 1.3210 |
| Iteration: | 383; | Percent complete: | 9.6%;  | Average loss: | 1.0668 |
| Iteration: | 384; | Percent complete: | 9.6%;  | Average loss: | 1.2811 |
| Iteration: | 385; | Percent complete: | 9.6%;  | Average loss: | 1.3527 |
| Iteration: | 386; | Percent complete: | 9.7%;  | Average loss: | 1.3935 |
| Iteration: | 387; | Percent complete: | 9.7%;  | Average loss: | 1.0794 |
| Iteration: | 388; | Percent complete: | 9.7%;  | Average loss: | 1.0850 |
| Iteration: | 389; | Percent complete: | 9.7%;  | Average loss: | 1.0891 |
| Iteration: | 390; | Percent complete: | 9.8%;  | Average loss: | 1.2977 |
| Iteration: | 391; | Percent complete: | 9.8%;  | Average loss: | 1.1118 |
| Iteration: | 392; | Percent complete: | 9.8%;  | Average loss: | 1.2057 |
| Iteration: | 393; | Percent complete: | 9.8%;  | Average loss: | 1.2342 |
| Iteration: | 394; | Percent complete: | 9.8%;  | Average loss: | 1.2991 |
| Iteration: | 395; | Percent complete: | 9.9%;  | Average loss: | 1.1990 |
| Iteration: | 396; | Percent complete: | 9.9%;  | Average loss: | 1.2891 |
| Iteration: | 397; | Percent complete: | 9.9%;  | Average loss: | 1.2204 |
| Iteration: | 398; | Percent complete: | 10.0%; | Average loss: | 1.2526 |
| Iteration: | 399; | Percent complete: | 10.0%; | Average loss: | 1.2123 |
| Iteration: | 400; | Percent complete: | 10.0%; | Average loss: | 1.2086 |
| Iteration: | 401; | Percent complete: | 10.0%; | Average loss: | 1.2701 |
| Iteration: | 402; | Percent complete: | 10.1%; | Average loss: | 1.1483 |
| Iteration: | 403; | Percent complete: | 10.1%; | Average loss: | 1.3992 |
| Iteration: | 404; | Percent complete: | 10.1%; | Average loss: | 1.3467 |
| Iteration: | 405; | Percent complete: | 10.1%; | Average loss: | 1.2288 |
| Iteration: | 406; | Percent complete: | 10.2%; | Average loss: | 1.2154 |
| Iteration: | 407; | Percent complete: | 10.2%; | Average loss: | 1.1792 |
| Iteration: | 408; | Percent complete: | 10.2%; | Average loss: | 1.3810 |
| Iteration: | 409; | Percent complete: | 10.2%; | Average loss: | 1.2192 |
| Iteration: | 410; | Percent complete: | 10.2%; | Average loss: | 1.1551 |
| Iteration: | 411; | Percent complete: | 10.3%; | Average loss: | 1.3483 |
| Iteration: | 412; | Percent complete: | 10.3%; | Average loss: | 1.1434 |
| Iteration: | 413; | Percent complete: | 10.3%; | Average loss: | 1.3156 |
| Iteration: | 414; | Percent complete: | 10.3%; | Average loss: | 0.9738 |
| Iteration: | 415; | Percent complete: | 10.4%; | Average loss: | 1.2137 |
| Iteration: | 416; | Percent complete: | 10.4%; | Average loss: | 1.3586 |
| Iteration: | 417; | Percent complete: | 10.4%; | Average loss: | 1.2380 |
| Iteration: | 418; | Percent complete: | 10.4%; | Average loss: | 1.1055 |
| Iteration: | 419; | Percent complete: | 10.5%; | Average loss: | 1.2775 |
| Iteration: | 420; | Percent complete: | 10.5%; | Average loss: | 1.0514 |
| Iteration: | 421; | Percent complete: | 10.5%; | Average loss: | 1.0970 |
| Iteration: | 422; | Percent complete: | 10.5%; | Average loss: | 1.2747 |
| Iteration: | 423; | Percent complete: | 10.6%; | Average loss: | 1.1303 |
| Iteration: | 424; | Percent complete: | 10.6%; | Average loss: | 1.0287 |
| Iteration: | 425; | Percent complete: | 10.6%; | Average loss: | 1.0440 |
| Iteration: | 426; | Percent complete: | 10.7%; | Average loss: | 1.2043 |
| Iteration: | 427; | Percent complete: | 10.7%; | Average loss: | 1.3487 |
| Iteration: | 428; | Percent complete: | 10.7%; | Average loss: | 1.2902 |
| Iteration: | 429; | Percent complete: | 10.7%; | Average loss: | 1.2673 |
| Iteration: | 430; | Percent complete: | 10.8%; | Average loss: | 1.0144 |
| Iteration: | 431; | Percent complete: | 10.8%; | Average loss: | 1.2034 |
| Iteration: | 432; | Percent complete: | 10.8%; | Average loss: | 1.2180 |
| Iteration: | 433; | Percent complete: | 10.8%; | Average loss: | 1.0163 |
| Iteration: | 434; | Percent complete: | 10.8%; | Average loss: | 1.1611 |
| Iteration: | 435; | Percent complete: | 10.9%; | Average loss: | 1.1475 |
| Iteration: | 436; | Percent complete: | 10.9%; | Average loss: | 1.2541 |
| Iteration: | 437; | Percent complete: | 10.9%; | Average loss: | 1.3077 |
| Iteration: | 438; | Percent complete: | 10.9%; | Average loss: | 1.1380 |
| Iteration: | 439; | Percent complete: | 11.0%; | Average loss: | 1.3734 |
| Iteration: | 440; | Percent complete: | 11.0%; | Average loss: | 1.1437 |
| Iteration: | 441; | Percent complete: | 11.0%; | Average loss: | 1.2053 |
| Iteration: | 442; | Percent complete: | 11.1%; | Average loss: | 1.1127 |
| Iteration: | 443; | Percent complete: | 11.1%; | Average loss: | 0.9730 |
| Iteration: | 444; | Percent complete: | 11.1%; | Average loss: | 1.5274 |
| Iteration: | 445; | Percent complete: | 11.1%; | Average loss: | 1.3822 |
| Iteration: | 446; | Percent complete: | 11.2%; | Average loss: | 1.3190 |
| Iteration: | 447; | Percent complete: | 11.2%; | Average loss: | 1.0985 |
| Iteration: | 448; | Percent complete: | 11.2%; | Average loss: | 1.0169 |
| Iteration: | 449; | Percent complete: | 11.2%; | Average loss: | 1.3306 |
| Iteration: | 450; | Percent complete: | 11.2%; | Average loss: | 1.2486 |
| Iteration: | 451; | Percent complete: | 11.3%; | Average loss: | 1.3267 |
| Iteration: | 452; | Percent complete: | 11.3%; | Average loss: | 1.3150 |
| Iteration: | 453; | Percent complete: | 11.3%; | A             |        |

Iteration: 467; Percent complete: 11.7%; Average loss: 1.4233  
Iteration: 468; Percent complete: 11.7%; Average loss: 1.3516  
Iteration: 469; Percent complete: 11.7%; Average loss: 1.3562  
Iteration: 470; Percent complete: 11.8%; Average loss: 1.2445  
Iteration: 471; Percent complete: 11.8%; Average loss: 1.1182  
Iteration: 472; Percent complete: 11.8%; Average loss: 1.1240  
Iteration: 473; Percent complete: 11.8%; Average loss: 1.4711  
Iteration: 474; Percent complete: 11.8%; Average loss: 1.1663  
Iteration: 475; Percent complete: 11.9%; Average loss: 1.3645  
Iteration: 476; Percent complete: 11.9%; Average loss: 1.1723  
Iteration: 477; Percent complete: 11.9%; Average loss: 1.1223  
Iteration: 478; Percent complete: 11.9%; Average loss: 1.1215  
Iteration: 479; Percent complete: 12.0%; Average loss: 1.2059  
Iteration: 480; Percent complete: 12.0%; Average loss: 0.9514  
Iteration: 481; Percent complete: 12.0%; Average loss: 1.1313  
Iteration: 482; Percent complete: 12.0%; Average loss: 1.0349  
Iteration: 483; Percent complete: 12.1%; Average loss: 1.1817  
Iteration: 484; Percent complete: 12.1%; Average loss: 1.0720  
Iteration: 485; Percent complete: 12.1%; Average loss: 1.3327  
Iteration: 486; Percent complete: 12.2%; Average loss: 1.1455  
Iteration: 487; Percent complete: 12.2%; Average loss: 1.1093  
Iteration: 488; Percent complete: 12.2%; Average loss: 1.1826  
Iteration: 489; Percent complete: 12.2%; Average loss: 1.1551  
Iteration: 490; Percent complete: 12.2%; Average loss: 1.2544  
Iteration: 491; Percent complete: 12.3%; Average loss: 1.2563  
Iteration: 492; Percent complete: 12.3%; Average loss: 1.3260  
Iteration: 493; Percent complete: 12.3%; Average loss: 1.2163  
Iteration: 494; Percent complete: 12.3%; Average loss: 1.2683  
Iteration: 495; Percent complete: 12.4%; Average loss: 1.4050  
Iteration: 496; Percent complete: 12.4%; Average loss: 1.1671  
Iteration: 497; Percent complete: 12.4%; Average loss: 1.2194  
Iteration: 498; Percent complete: 12.4%; Average loss: 1.3673  
Iteration: 499; Percent complete: 12.5%; Average loss: 1.3430  
Iteration: 500; Percent complete: 12.5%; Average loss: 1.1447  
Iteration: 501; Percent complete: 12.5%; Average loss: 1.3456  
Iteration: 502; Percent complete: 12.6%; Average loss: 1.2164  
Iteration: 503; Percent complete: 12.6%; Average loss: 1.0424  
Iteration: 504; Percent complete: 12.6%; Average loss: 0.9532  
Iteration: 505; Percent complete: 12.6%; Average loss: 1.1810  
Iteration: 506; Percent complete: 12.7%; Average loss: 0.9971  
Iteration: 507; Percent complete: 12.7%; Average loss: 1.1858  
Iteration: 508; Percent complete: 12.7%; Average loss: 1.1987  
Iteration: 509; Percent complete: 12.7%; Average loss: 1.2418  
Iteration: 510; Percent complete: 12.8%; Average loss: 1.2185  
Iteration: 511; Percent complete: 12.8%; Average loss: 1.4306  
Iteration: 512; Percent complete: 12.8%; Average loss: 1.4159  
Iteration: 513; Percent complete: 12.8%; Average loss: 1.2309  
Iteration: 514; Percent complete: 12.8%; Average loss: 1.1707  
Iteration: 515; Percent complete: 12.9%; Average loss: 1.3497  
Iteration: 516; Percent complete: 12.9%; Average loss: 1.1442  
Iteration: 517; Percent complete: 12.9%; Average loss: 1.1721  
Iteration: 518; Percent complete: 13.0%; Average loss: 1.3028  
Iteration: 519; Percent complete: 13.0%; Average loss: 0.9127  
Iteration: 520; Percent complete: 13.0%; Average loss: 1.1935  
Iteration: 521; Percent complete: 13.0%; Average loss: 1.1574  
Iteration: 522; Percent complete: 13.1%; Average loss: 1.3158  
Iteration: 523; Percent complete: 13.1%; Average loss: 1.1477  
Iteration: 524; Percent complete: 13.1%; Average loss: 1.0923  
Iteration: 525; Percent complete: 13.1%; Average loss: 1.2980  
Iteration: 526; Percent complete: 13.2%; Average loss: 1.5193  
Iteration: 527; Percent complete: 13.2%; Average loss: 1.3044  
Iteration: 528; Percent complete: 13.2%; Average loss: 1.1865  
Iteration: 529; Percent complete: 13.2%; Average loss: 1.1727  
Iteration: 530; Percent complete: 13.2%; Average loss: 1.0948  
Iteration: 531; Percent complete: 13.3%; Average loss: 1.0537  
Iteration: 532; Percent complete: 13.3%; Average loss: 1.2819  
Iteration: 533; Percent complete: 13.3%; Average loss: 0.8917  
Iteration: 534; Percent complete: 13.4%; Average loss: 1.1703  
Iteration: 535; Percent complete: 13.4%; Average loss: 1.0817  
Iteration: 536; Percent complete: 13.4%; Average loss: 1.3867  
Iteration: 537; Percent complete: 13.4%; Average loss: 1.2009  
Iteration: 538; Percent complete: 13.5%; Average loss: 1.2821  
Iteration: 539; Percent complete: 13.5%; Average loss: 1.1802  
Iteration: 540; Percent complete: 13.5%; Average loss: 1.2077  
Iteration: 541; Percent complete: 13.5%; Average loss: 1.3220  
Iteration: 542; Percent complete: 13.6%; Average loss: 1.2385  
Iteration: 543; Percent complete: 13.6%; Average loss: 1.2503  
Iteration: 544; Percent complete: 13.6%; Average loss: 1.3300  
Iteration: 545; Percent complete: 13.6%; Average loss: 0.9626  
Iteration: 546; Percent complete: 13.7%; Average loss: 1.2009  
Iteration: 547; Percent complete: 13.7%; Average loss: 0.9981  
Iteration: 548; Percent complete: 13.7%; Average loss: 1.4161  
Iteration: 549; Percent complete: 13.7%; Average loss: 1.3609  
Iteration: 550; Percent complete: 13.8%; Average loss: 1.2032  
Iteration: 551; Percent complete: 13.8%; Average loss: 1.0320  
Iteration: 552; Percent complete: 13.8%; Average loss: 1.3144  
Iteration: 553; Percent complete: 13.8%; Average loss: 1.0471  
Iteration: 554; Percent complete: 13.9%; Average loss: 1.0220  
Iteration: 555; Percent complete: 13.9%; Average loss: 1.2614  
Iteration: 556; Percent complete: 13.9%; Average loss: 1.3170  
Iteration: 557; Percent complete: 13.9%; Average loss: 1.1949  
Iteration: 558; Percent complete: 14.0%; Average loss: 1.2109

[illegible]



[illegible]

|            |      |         |           |        |         |       |        |
|------------|------|---------|-----------|--------|---------|-------|--------|
| Iteration: | 741; | Percent | complete: | 18.5%; | Average | loss: | 1.1198 |
| Iteration: | 742; | Percent | complete: | 18.6%; | Average | loss: | 1.2785 |
| Iteration: | 743; | Percent | complete: | 18.6%; | Average | loss: | 1.4378 |
| Iteration: | 744; | Percent | complete: | 18.6%; | Average | loss: | 1.1362 |
| Iteration: | 745; | Percent | complete: | 18.6%; | Average | loss: | 1.1357 |
| Iteration: | 746; | Percent | complete: | 18.6%; | Average | loss: | 1.2368 |
| Iteration: | 747; | Percent | complete: | 18.7%; | Average | loss: | 1.4498 |
| Iteration: | 748; | Percent | complete: | 18.7%; | Average | loss: | 1.0157 |
| Iteration: | 749; | Percent | complete: | 18.7%; | Average | loss: | 1.3652 |
| Iteration: | 750; | Percent | complete: | 18.8%; | Average | loss: | 1.4619 |
| Iteration: | 751; | Percent | complete: | 18.8%; | Average | loss: | 1.0752 |
| Iteration: | 752; | Percent | complete: | 18.8%; | Average | loss: | 1.3019 |
| Iteration: | 753; | Percent | complete: | 18.8%; | Average | loss: | 1.1084 |
| Iteration: | 754; | Percent | complete: | 18.9%; | Average | loss: | 1.0480 |
| Iteration: | 755; | Percent | complete: | 18.9%; | Average | loss: | 1.0981 |
| Iteration: | 756; | Percent | complete: | 18.9%; | Average | loss: | 1.3326 |
| Iteration: | 757; | Percent | complete: | 18.9%; | Average | loss: | 1.1690 |
| Iteration: | 758; | Percent | complete: | 18.9%; | Average | loss: | 1.1646 |
| Iteration: | 759; | Percent | complete: | 19.0%; | Average | loss: | 0.9960 |
| Iteration: | 760; | Percent | complete: | 19.0%; | Average | loss: | 1.2870 |
| Iteration: | 761; | Percent | complete: | 19.0%; | Average | loss: | 1.2138 |
| Iteration: | 762; | Percent | complete: | 19.1%; | Average | loss: | 1.3111 |
| Iteration: | 763; | Percent | complete: | 19.1%; | Average | loss: | 1.3582 |
| Iteration: | 764; | Percent | complete: | 19.1%; | Average | loss: | 1.3538 |
| Iteration: | 765; | Percent | complete: | 19.1%; | Average | loss: | 1.1300 |
| Iteration: | 766; | Percent | complete: | 19.1%; | Average | loss: | 1.3250 |
| Iteration: | 767; | Percent | complete: | 19.2%; | Average | loss: | 1.2225 |
| Iteration: | 768; | Percent | complete: | 19.2%; | Average | loss: | 1.3890 |
| Iteration: | 769; | Percent | complete: | 19.2%; | Average | loss: | 1.3398 |
| Iteration: | 770; | Percent | complete: | 19.2%; | Average | loss: | 1.1713 |
| Iteration: | 771; | Percent | complete: | 19.3%; | Average | loss: | 1.3304 |
| Iteration: | 772; | Percent | complete: | 19.3%; | Average | loss: | 1.0631 |
| Iteration: | 773; | Percent | complete: | 19.3%; | Average | loss: | 1.1297 |
| Iteration: | 774; | Percent | complete: | 19.4%; | Average | loss: | 0.9736 |
| Iteration: | 775; | Percent | complete: | 19.4%; | Average | loss: | 1.2472 |
| Iteration: | 776; | Percent | complete: | 19.4%; | Average | loss: | 1.3206 |
| Iteration: | 777; | Percent | complete: | 19.4%; | Average | loss: | 1.2950 |
| Iteration: | 778; | Percent | complete: | 19.4%; | Average | loss: | 1.1233 |
| Iteration: | 779; | Percent | complete: | 19.5%; | Average | loss: | 1.2068 |
| Iteration: | 780; | Percent | complete: | 19.5%; | Average | loss: | 1.3242 |
| Iteration: | 781; | Percent | complete: | 19.5%; | Average | loss: | 1.2617 |
| Iteration: | 782; | Percent | complete: | 19.6%; | Average | loss: | 1.1677 |
| Iteration: | 783; | Percent | complete: | 19.6%; | Average | loss: | 1.1403 |
| Iteration: | 784; | Percent | complete: | 19.6%; | Average | loss: | 1.3887 |
| Iteration: | 785; | Percent | complete: | 19.6%; | Average | loss: | 1.0998 |
| Iteration: | 786; | Percent | complete: | 19.7%; | Average | loss: | 1.2750 |
| Iteration: | 787; | Percent | complete: | 19.7%; | Average | loss: | 1.1893 |
| Iteration: | 788; | Percent | complete: | 19.7%; | Average | loss: | 1.2052 |
| Iteration: | 789; | Percent | complete: | 19.7%; | Average | loss: | 1.2943 |
| Iteration: | 790; | Percent | complete: | 19.8%; | Average | loss: | 1.1569 |
| Iteration: | 791; | Percent | complete: | 19.8%; | Average | loss: | 1.2531 |
| Iteration: | 792; | Percent | complete: | 19.8%; | Average | loss: | 1.3207 |
| Iteration: | 793; | Percent | complete: | 19.8%; | Average | loss: | 1.2571 |
| Iteration: | 794; | Percent | complete: | 19.9%; | Average | loss: | 1.3804 |
| Iteration: | 795; | Percent | complete: | 19.9%; | Average | loss: | 1.1535 |
| Iteration: | 796; | Percent | complete: | 19.9%; | Average | loss: | 1.2662 |
| Iteration: | 797; | Percent | complete: | 19.9%; | Average | loss: | 1.2181 |
| Iteration: | 798; | Percent | complete: | 20.0%; | Average | loss: | 1.2344 |
| Iteration: | 799; | Percent | complete: | 20.0%; | Average | loss: | 1.0151 |
| Iteration: | 800; | Percent | complete: | 20.0%; | Average | loss: | 1.2152 |
| Iteration: | 801; | Percent | complete: | 20.0%; | Average | loss: | 1.2482 |
| Iteration: | 802; | Percent | complete: | 20.1%; | Average | loss: | 1.1984 |
| Iteration: | 803; | Percent | complete: | 20.1%; | Average | loss: | 1.0616 |
| Iteration: | 804; | Percent | complete: | 20.1%; | Average | loss: | 1.3834 |
| Iteration: | 805; | Percent | complete: | 20.1%; | Average | loss: | 1.2668 |

Iteration: 832; Percent complete: 20.8%; Average loss: 0.9910  
Iteration: 833; Percent complete: 20.8%; Average loss: 1.1821  
Iteration: 834; Percent complete: 20.8%; Average loss: 1.2064  
Iteration: 835; Percent complete: 20.9%; Average loss: 1.1857  
Iteration: 836; Percent complete: 20.9%; Average loss: 1.2142  
Iteration: 837; Percent complete: 20.9%; Average loss: 1.4121  
Iteration: 838; Percent complete: 20.9%; Average loss: 1.3172  
Iteration: 839; Percent complete: 21.0%; Average loss: 1.2187  
Iteration: 840; Percent complete: 21.0%; Average loss: 1.1421  
Iteration: 841; Percent complete: 21.0%; Average loss: 1.1972  
Iteration: 842; Percent complete: 21.1%; Average loss: 1.0881  
Iteration: 843; Percent complete: 21.1%; Average loss: 1.4186  
Iteration: 844; Percent complete: 21.1%; Average loss: 1.2321  
Iteration: 845; Percent complete: 21.1%; Average loss: 1.1986  
Iteration: 846; Percent complete: 21.1%; Average loss: 1.0459  
Iteration: 847; Percent complete: 21.2%; Average loss: 1.3983  
Iteration: 848; Percent complete: 21.2%; Average loss: 1.3097  
Iteration: 849; Percent complete: 21.2%; Average loss: 1.1600  
Iteration: 850; Percent complete: 21.2%; Average loss: 1.1953  
Iteration: 851; Percent complete: 21.3%; Average loss: 1.2197  
Iteration: 852; Percent complete: 21.3%; Average loss: 1.3027  
Iteration: 853; Percent complete: 21.3%; Average loss: 0.9676  
Iteration: 854; Percent complete: 21.3%; Average loss: 1.2432  
Iteration: 855; Percent complete: 21.4%; Average loss: 1.2050  
Iteration: 856; Percent complete: 21.4%; Average loss: 1.1664  
Iteration: 857; Percent complete: 21.4%; Average loss: 1.1101  
Iteration: 858; Percent complete: 21.4%; Average loss: 1.3838  
Iteration: 859; Percent complete: 21.5%; Average loss: 1.2843  
Iteration: 860; Percent complete: 21.5%; Average loss: 1.2494  
Iteration: 861; Percent complete: 21.5%; Average loss: 1.1106  
Iteration: 862; Percent complete: 21.6%; Average loss: 1.2537  
Iteration: 863; Percent complete: 21.6%; Average loss: 1.3705  
Iteration: 864; Percent complete: 21.6%; Average loss: 1.1685  
Iteration: 865; Percent complete: 21.6%; Average loss: 1.2454  
Iteration: 866; Percent complete: 21.6%; Average loss: 1.1239  
Iteration: 867; Percent complete: 21.7%; Average loss: 1.2890  
Iteration: 868; Percent complete: 21.7%; Average loss: 1.2203  
Iteration: 869; Percent complete: 21.7%; Average loss: 1.2976  
Iteration: 870; Percent complete: 21.8%; Average loss: 1.1974  
Iteration: 871; Percent complete: 21.8%; Average loss: 1.1779  
Iteration: 872; Percent complete: 21.8%; Average loss: 1.1254  
Iteration: 873; Percent complete: 21.8%; Average loss: 1.1912  
Iteration: 874; Percent complete: 21.9%; Average loss: 1.2408  
Iteration: 875; Percent complete: 21.9%; Average loss: 0.9544  
Iteration: 876; Percent complete: 21.9%; Average loss: 1.2262  
Iteration: 877; Percent complete: 21.9%; Average loss: 1.4321  
Iteration: 878; Percent complete: 21.9%; Average loss: 1.1347  
Iteration: 879; Percent complete: 22.0%; Average loss: 1.0913  
Iteration: 880; Percent complete: 22.0%; Average loss: 1.3375  
Iteration: 881; Percent complete: 22.0%; Average loss: 1.4760  
Iteration: 882; Percent complete: 22.1%; Average loss: 1.3183  
Iteration: 883; Percent complete: 22.1%; Average loss: 1.2556  
Iteration: 884; Percent complete: 22.1%; Average loss: 1.3066  
Iteration: 885; Percent complete: 22.1%; Average loss: 1.1313  
Iteration: 886; Percent complete: 22.1%; Average loss: 1.2209  
Iteration: 887; Percent complete: 22.2%; Average loss: 1.2313  
Iteration: 888; Percent complete: 22.2%; Average loss: 1.1322  
Iteration: 889; Percent complete: 22.2%; Average loss: 1.2085  
Iteration: 890; Percent complete: 22.2%; Average loss: 1.3025  
Iteration: 891; Percent complete: 22.3%; Average loss: 1.1670  
Iteration: 892; Percent complete: 22.3%; Average loss: 1.2481  
Iteration: 893; Percent complete: 22.3%; Average loss: 1.1515  
Iteration: 894; Percent complete: 22.4%; Average loss: 1.3911  
Iteration: 895; Percent complete: 22.4%; Average loss: 1.1806  
Iteration: 896; Percent complete: 22.4%; Average loss: 1.2358  
Iteration: 897; Percent complete: 22.4%; Average loss: 1.3030  
Iteration: 898; Percent complete: 22.4%; Average loss: 1.1545  
Iteration: 899; Percent complete: 22.5%; Average loss: 1.1179  
Iteration: 900; Percent complete: 22.5%; Average loss: 1.2473  
Iteration: 901; Percent complete: 22.5%; Average loss: 1.3473  
Iteration: 902; Percent complete: 22.6%; Average loss: 1.2174  
Iteration: 903; Percent complete: 22.6%; Average loss: 1.3063  
Iteration: 904; Percent complete: 22.6%; Average loss: 0.9988  
Iteration: 905; Percent complete: 22.6%; Average loss: 1.0476  
Iteration: 906; Percent complete: 22.7%; Average loss: 1.2408  
Iteration: 907; Percent complete: 22.7%; Average loss: 1.2354  
Iteration: 908; Percent complete: 22.7%; Average loss: 1.2798  
Iteration: 909; Percent complete: 22.7%; Average loss: 1.3231  
Iteration: 910; Percent complete: 22.8%; Average loss: 1.2284  
Iteration: 911; Percent complete: 22.8%; Average loss: 1.2068  
Iteration: 912; Percent complete: 22.8%; Average loss: 1.0051  
Iteration: 913; Percent complete: 22.8%; Average loss: 1.2783  
Iteration: 914; Percent complete: 22.9%; Average loss: 1.1890  
Iteration: 915; Percent complete: 22.9%; Average loss: 1.2048  
Iteration: 916; Percent complete: 22.9%; Average loss: 1.2640  
Iteration: 917; Percent complete: 22.9%; Average loss: 1.2361  
Iteration: 918; Percent complete: 22.9%; Average loss: 1.0879  
Iteration: 919; Percent complete: 23.0%; Average loss: 1.1375  
Iteration: 920; Percent complete: 23.0%; Average loss: 1.3409  
Iteration: 921; Percent complete: 23.0%; Average loss: 1.3527  
Iteration: 922; Percent complete: 23.1%; Average loss: 1.0965  
Iteration: 923; Percent complete: 23.1%; Average loss: 1.4186

|                  |                   |        |               |        |
|------------------|-------------------|--------|---------------|--------|
| Iteration: 924;  | Percent complete: | 23.1%; | Average loss: | 1.0835 |
| Iteration: 925;  | Percent complete: | 23.1%; | Average loss: | 1.1166 |
| Iteration: 926;  | Percent complete: | 23.2%; | Average loss: | 1.1226 |
| Iteration: 927;  | Percent complete: | 23.2%; | Average loss: | 1.1655 |
| Iteration: 928;  | Percent complete: | 23.2%; | Average loss: | 1.4005 |
| Iteration: 929;  | Percent complete: | 23.2%; | Average loss: | 1.1455 |
| Iteration: 930;  | Percent complete: | 23.2%; | Average loss: | 1.2733 |
| Iteration: 931;  | Percent complete: | 23.3%; | Average loss: | 0.9911 |
| Iteration: 932;  | Percent complete: | 23.3%; | Average loss: | 1.3125 |
| Iteration: 933;  | Percent complete: | 23.3%; | Average loss: | 1.2271 |
| Iteration: 934;  | Percent complete: | 23.4%; | Average loss: | 1.2129 |
| Iteration: 935;  | Percent complete: | 23.4%; | Average loss: | 1.1056 |
| Iteration: 936;  | Percent complete: | 23.4%; | Average loss: | 1.1021 |
| Iteration: 937;  | Percent complete: | 23.4%; | Average loss: | 1.2550 |
| Iteration: 938;  | Percent complete: | 23.4%; | Average loss: | 1.3061 |
| Iteration: 939;  | Percent complete: | 23.5%; | Average loss: | 1.3211 |
| Iteration: 940;  | Percent complete: | 23.5%; | Average loss: | 1.0205 |
| Iteration: 941;  | Percent complete: | 23.5%; | Average loss: | 1.1809 |
| Iteration: 942;  | Percent complete: | 23.5%; | Average loss: | 1.0933 |
| Iteration: 943;  | Percent complete: | 23.6%; | Average loss: | 1.1924 |
| Iteration: 944;  | Percent complete: | 23.6%; | Average loss: | 1.2113 |
| Iteration: 945;  | Percent complete: | 23.6%; | Average loss: | 1.0302 |
| Iteration: 946;  | Percent complete: | 23.6%; | Average loss: | 1.2598 |
| Iteration: 947;  | Percent complete: | 23.7%; | Average loss: | 1.2220 |
| Iteration: 948;  | Percent complete: | 23.7%; | Average loss: | 1.3258 |
| Iteration: 949;  | Percent complete: | 23.7%; | Average loss: | 1.3642 |
| Iteration: 950;  | Percent complete: | 23.8%; | Average loss: | 1.2665 |
| Iteration: 951;  | Percent complete: | 23.8%; | Average loss: | 1.3630 |
| Iteration: 952;  | Percent complete: | 23.8%; | Average loss: | 1.2226 |
| Iteration: 953;  | Percent complete: | 23.8%; | Average loss: | 1.2265 |
| Iteration: 954;  | Percent complete: | 23.8%; | Average loss: | 1.1191 |
| Iteration: 955;  | Percent complete: | 23.9%; | Average loss: | 1.2347 |
| Iteration: 956;  | Percent complete: | 23.9%; | Average loss: | 1.3921 |
| Iteration: 957;  | Percent complete: | 23.9%; | Average loss: | 1.1651 |
| Iteration: 958;  | Percent complete: | 23.9%; | Average loss: | 1.1563 |
| Iteration: 959;  | Percent complete: | 24.0%; | Average loss: | 1.3811 |
| Iteration: 960;  | Percent complete: | 24.0%; | Average loss: | 1.1358 |
| Iteration: 961;  | Percent complete: | 24.0%; | Average loss: | 1.2194 |
| Iteration: 962;  | Percent complete: | 24.1%; | Average loss: | 1.1320 |
| Iteration: 963;  | Percent complete: | 24.1%; | Average loss: | 1.1696 |
| Iteration: 964;  | Percent complete: | 24.1%; | Average loss: | 1.3700 |
| Iteration: 965;  | Percent complete: | 24.1%; | Average loss: | 1.1587 |
| Iteration: 966;  | Percent complete: | 24.1%; | Average loss: | 1.0169 |
| Iteration: 967;  | Percent complete: | 24.2%; | Average loss: | 1.1923 |
| Iteration: 968;  | Percent complete: | 24.2%; | Average loss: | 1.1902 |
| Iteration: 969;  | Percent complete: | 24.2%; | Average loss: | 1.1830 |
| Iteration: 970;  | Percent complete: | 24.2%; | Average loss: | 1.2928 |
| Iteration: 971;  | Percent complete: | 24.3%; | Average loss: | 1.2519 |
| Iteration: 972;  | Percent complete: | 24.3%; | Average loss: | 1.3439 |
| Iteration: 973;  | Percent complete: | 24.3%; | Average loss: | 1.1228 |
| Iteration: 974;  | Percent complete: | 24.3%; | Average loss: | 1.2961 |
| Iteration: 975;  | Percent complete: | 24.4%; | Average loss: | 1.0683 |
| Iteration: 976;  | Percent complete: | 24.4%; | Average loss: | 1.2758 |
| Iteration: 977;  | Percent complete: | 24.4%; | Average loss: | 1.1983 |
| Iteration: 978;  | Percent complete: | 24.4%; | Average loss: | 1.1350 |
| Iteration: 979;  | Percent complete: | 24.5%; | Average loss: | 1.3891 |
| Iteration: 980;  | Percent complete: | 24.5%; | Average loss: | 1.3010 |
| Iteration: 981;  | Percent complete: | 24.5%; | Average loss: | 1.3346 |
| Iteration: 982;  | Percent complete: | 24.6%; | Average loss: | 1.2991 |
| Iteration: 983;  | Percent complete: | 24.6%; | Average loss: | 1.1452 |
| Iteration: 984;  | Percent complete: | 24.6%; | Average loss: | 1.3147 |
| Iteration: 985;  | Percent complete: | 24.6%; | Average loss: | 1.1595 |
| Iteration: 986;  | Percent complete: | 24.6%; | Average loss: | 1.1501 |
| Iteration: 987;  | Percent complete: | 24.7%; | Average loss: | 1.3117 |
| Iteration: 988;  | Percent complete: | 24.7%; | Average loss: | 0.9607 |
| Iteration: 989;  | Percent complete: | 24.7%; | Average loss: | 1.2221 |
| Iteration: 990;  | Percent complete: | 24.8%; | Average loss: | 1.0404 |
| Iteration: 991;  | Percent complete: | 24.8%; | Average loss: | 1.2769 |
| Iteration: 992;  | Percent complete: | 24.8%; | Average loss: | 1.2548 |
| Iteration: 993;  | Percent complete: | 24.8%; | Average loss: | 1.1114 |
| Iteration: 994;  | Percent complete: | 24.9%; | Average loss: | 1.3401 |
| Iteration: 995;  | Percent complete: | 24.9%; | Average loss: | 1.1674 |
| Iteration: 996;  | Percent complete: | 24.9%; | Average loss: | 1.1748 |
| Iteration: 997;  | Percent complete: | 24.9%; | Average loss: | 1.1248 |
| Iteration: 998;  | Percent complete: | 24.9%; | Average loss: | 1.0660 |
| Iteration: 999;  | Percent complete: | 25.0%; | Average loss: | 1.0714 |
| Iteration: 1000; | Percent complete: | 25.0%; | Average loss: | 1.1950 |
| Iteration: 1001; | Percent complete: | 25.0%; | Average loss: | 1.1553 |
| Iteration: 1002; | Percent complete: | 25.1%; | Average loss: | 1.0643 |
| Iteration: 1003; | Percent complete: | 25.1%; | Average loss: | 1.2419 |
| Iteration: 1004; | Percent complete: | 25.1%; | Average loss: | 1.1728 |
| Iteration: 1005; | Percent complete: | 25.1%; | Average loss: |        |

Iteration: 1015; Percent complete: 25.4%; Average loss: 1.2096  
Iteration: 1016; Percent complete: 25.4%; Average loss: 1.1366  
Iteration: 1017; Percent complete: 25.4%; Average loss: 1.2226  
Iteration: 1018; Percent complete: 25.4%; Average loss: 1.3550  
Iteration: 1019; Percent complete: 25.5%; Average loss: 1.3069  
Iteration: 1020; Percent complete: 25.5%; Average loss: 1.2426  
Iteration: 1021; Percent complete: 25.5%; Average loss: 1.1947  
Iteration: 1022; Percent complete: 25.6%; Average loss: 1.2685  
Iteration: 1023; Percent complete: 25.6%; Average loss: 1.2533  
Iteration: 1024; Percent complete: 25.6%; Average loss: 1.1879  
Iteration: 1025; Percent complete: 25.6%; Average loss: 1.1613  
Iteration: 1026; Percent complete: 25.7%; Average loss: 1.0565  
Iteration: 1027; Percent complete: 25.7%; Average loss: 1.1870  
Iteration: 1028; Percent complete: 25.7%; Average loss: 1.1425  
Iteration: 1029; Percent complete: 25.7%; Average loss: 1.2564  
Iteration: 1030; Percent complete: 25.8%; Average loss: 1.2505  
Iteration: 1031; Percent complete: 25.8%; Average loss: 1.1850  
Iteration: 1032; Percent complete: 25.8%; Average loss: 1.2695  
Iteration: 1033; Percent complete: 25.8%; Average loss: 1.1080  
Iteration: 1034; Percent complete: 25.9%; Average loss: 1.1401  
Iteration: 1035; Percent complete: 25.9%; Average loss: 1.2061  
Iteration: 1036; Percent complete: 25.9%; Average loss: 1.1225  
Iteration: 1037; Percent complete: 25.9%; Average loss: 1.1759  
Iteration: 1038; Percent complete: 25.9%; Average loss: 1.2157  
Iteration: 1039; Percent complete: 26.0%; Average loss: 1.0957  
Iteration: 1040; Percent complete: 26.0%; Average loss: 1.1209  
Iteration: 1041; Percent complete: 26.0%; Average loss: 1.1410  
Iteration: 1042; Percent complete: 26.1%; Average loss: 1.1429  
Iteration: 1043; Percent complete: 26.1%; Average loss: 1.2807  
Iteration: 1044; Percent complete: 26.1%; Average loss: 1.1526  
Iteration: 1045; Percent complete: 26.1%; Average loss: 1.3842  
Iteration: 1046; Percent complete: 26.2%; Average loss: 0.9799  
Iteration: 1047; Percent complete: 26.2%; Average loss: 1.2735  
Iteration: 1048; Percent complete: 26.2%; Average loss: 1.2992  
Iteration: 1049; Percent complete: 26.2%; Average loss: 1.3401  
Iteration: 1050; Percent complete: 26.2%; Average loss: 1.1952  
Iteration: 1051; Percent complete: 26.3%; Average loss: 1.0880  
Iteration: 1052; Percent complete: 26.3%; Average loss: 1.1016  
Iteration: 1053; Percent complete: 26.3%; Average loss: 1.1635  
Iteration: 1054; Percent complete: 26.4%; Average loss: 1.2607  
Iteration: 1055; Percent complete: 26.4%; Average loss: 1.1841  
Iteration: 1056; Percent complete: 26.4%; Average loss: 1.0410  
Iteration: 1057; Percent complete: 26.4%; Average loss: 1.1481  
Iteration: 1058; Percent complete: 26.5%; Average loss: 1.4401  
Iteration: 1059; Percent complete: 26.5%; Average loss: 0.9919  
Iteration: 1060; Percent complete: 26.5%; Average loss: 1.1239  
Iteration: 1061; Percent complete: 26.5%; Average loss: 1.1828  
Iteration: 1062; Percent complete: 26.6%; Average loss: 1.1795  
Iteration: 1063; Percent complete: 26.6%; Average loss: 1.1118  
Iteration: 1064; Percent complete: 26.6%; Average loss: 0.9018  
Iteration: 1065; Percent complete: 26.6%; Average loss: 1.3088  
Iteration: 1066; Percent complete: 26.7%; Average loss: 1.2085  
Iteration: 1067; Percent complete: 26.7%; Average loss: 0.9574  
Iteration: 1068; Percent complete: 26.7%; Average loss: 1.2984  
Iteration: 1069; Percent complete: 26.7%; Average loss: 0.9085  
Iteration: 1070; Percent complete: 26.8%; Average loss: 1.1540  
Iteration: 1071; Percent complete: 26.8%; Average loss: 1.1163  
Iteration: 1072; Percent complete: 26.8%; Average loss: 1.2160  
Iteration: 1073; Percent complete: 26.8%; Average loss: 1.2369  
Iteration: 1074; Percent complete: 26.9%; Average loss: 1.1681  
Iteration: 1075; Percent complete: 26.9%; Average loss: 1.1461  
Iteration: 1076; Percent complete: 26.9%; Average loss: 1.2184  
Iteration: 1077; Percent complete: 26.9%; Average loss: 1.2548  
Iteration: 1078; Percent complete: 27.0%; Average loss: 1.1004  
Iteration: 1079; Percent complete: 27.0%; Average loss: 1.3241  
Iteration: 1080; Percent complete: 27.0%; Average loss: 1.2787  
Iteration: 1081; Percent complete: 27.0%; Average loss: 1.3354  
Iteration: 1082; Percent complete: 27.1%; Average loss: 1.1943  
Iteration: 1083; Percent complete: 27.1%; Average loss: 1.1394  
Iteration: 1084; Percent complete: 27.1%; Average loss: 1.1792  
Iteration: 1085; Percent complete: 27.1%; Average loss: 1.2991  
Iteration: 1086; Percent complete: 27.2%; Average loss: 1.1515  
Iteration: 1087; Percent complete: 27.2%; Average loss: 1.1736  
Iteration: 1088; Percent complete: 27.2%; Average loss: 1.2888  
Iteration: 1089; Percent complete: 27.2%; Average loss: 1.4236  
Iteration: 1090; Percent complete: 27.3%; Average loss: 1.2407  
Iteration: 1091; Percent complete: 27.3%; Average loss: 1.0989  
Iteration: 1092; Percent complete: 27.3%; Average loss: 1.1926  
Iteration: 1093; Percent complete: 27.3%; Average loss: 1.1625  
Iteration: 1094; Percent complete: 27.4%; Average loss: 1.0596  
Iteration: 1095; Percent complete: 27.4%; Average loss: 1.4245  
Iteration: 1096; Percent complete: 27.4%; Average loss: 1.1132  
Iteration: 1097; Percent complete: 27.4%; Average loss: 1.0973  
Iteration: 1098; Percent complete: 27.5%; Average loss: 1.2697  
Iteration: 1099; Percent complete: 27.5%; Average loss: 1.1616  
Iteration: 1100; Percent complete: 27.5%; Average loss: 1.0638  
Iteration: 1101; Percent complete: 27.5%; Average loss: 1.2273  
Iteration: 1102; Percent complete: 27.6%; Average loss: 1.2995  
Iteration: 1103; Percent complete: 27.6%; Average loss: 1.1259  
Iteration: 1104; Percent complete: 27.6%; Average loss: 1.1290  
Iteration: 1105; Percent complete: 27.6%; Average loss: 1.2068

Iteration: 1106; Percent complete: 27.7%; Average loss: 1.2505  
Iteration: 1107; Percent complete: 27.7%; Average loss: 1.0730  
Iteration: 1108; Percent complete: 27.7%; Average loss: 1.3543  
Iteration: 1109; Percent complete: 27.7%; Average loss: 1.0791  
Iteration: 1110; Percent complete: 27.8%; Average loss: 1.2577  
Iteration: 1111; Percent complete: 27.8%; Average loss: 1.0984  
Iteration: 1112; Percent complete: 27.8%; Average loss: 1.4941  
Iteration: 1113; Percent complete: 27.8%; Average loss: 0.9150  
Iteration: 1114; Percent complete: 27.9%; Average loss: 1.2746  
Iteration: 1115; Percent complete: 27.9%; Average loss: 1.0404  
Iteration: 1116; Percent complete: 27.9%; Average loss: 1.1117  
Iteration: 1117; Percent complete: 27.9%; Average loss: 1.3343  
Iteration: 1118; Percent complete: 28.0%; Average loss: 1.0935  
Iteration: 1119; Percent complete: 28.0%; Average loss: 1.4781  
Iteration: 1120; Percent complete: 28.0%; Average loss: 1.3319  
Iteration: 1121; Percent complete: 28.0%; Average loss: 1.1631  
Iteration: 1122; Percent complete: 28.1%; Average loss: 1.4059  
Iteration: 1123; Percent complete: 28.1%; Average loss: 1.2668  
Iteration: 1124; Percent complete: 28.1%; Average loss: 1.2784  
Iteration: 1125; Percent complete: 28.1%; Average loss: 1.2469  
Iteration: 1126; Percent complete: 28.1%; Average loss: 1.2974  
Iteration: 1127; Percent complete: 28.2%; Average loss: 1.1598  
Iteration: 1128; Percent complete: 28.2%; Average loss: 1.1531  
Iteration: 1129; Percent complete: 28.2%; Average loss: 1.4348  
Iteration: 1130; Percent complete: 28.2%; Average loss: 1.0732  
Iteration: 1131; Percent complete: 28.3%; Average loss: 1.0712  
Iteration: 1132; Percent complete: 28.3%; Average loss: 1.1161  
Iteration: 1133; Percent complete: 28.3%; Average loss: 1.2788  
Iteration: 1134; Percent complete: 28.3%; Average loss: 1.1849  
Iteration: 1135; Percent complete: 28.4%; Average loss: 1.1384  
Iteration: 1136; Percent complete: 28.4%; Average loss: 0.9270  
Iteration: 1137; Percent complete: 28.4%; Average loss: 1.3206  
Iteration: 1138; Percent complete: 28.4%; Average loss: 1.2430  
Iteration: 1139; Percent complete: 28.5%; Average loss: 1.2337  
Iteration: 1140; Percent complete: 28.5%; Average loss: 1.3493  
Iteration: 1141; Percent complete: 28.5%; Average loss: 1.1352  
Iteration: 1142; Percent complete: 28.5%; Average loss: 1.2136  
Iteration: 1143; Percent complete: 28.6%; Average loss: 1.1300  
Iteration: 1144; Percent complete: 28.6%; Average loss: 1.1625  
Iteration: 1145; Percent complete: 28.6%; Average loss: 1.0221  
Iteration: 1146; Percent complete: 28.6%; Average loss: 0.9110  
Iteration: 1147; Percent complete: 28.7%; Average loss: 1.1363  
Iteration: 1148; Percent complete: 28.7%; Average loss: 1.0420  
Iteration: 1149; Percent complete: 28.7%; Average loss: 1.0645  
Iteration: 1150; Percent complete: 28.7%; Average loss: 1.2462  
Iteration: 1151; Percent complete: 28.8%; Average loss: 1.2067  
Iteration: 1152; Percent complete: 28.8%; Average loss: 1.0382  
Iteration: 1153; Percent complete: 28.8%; Average loss: 1.2234  
Iteration: 1154; Percent complete: 28.8%; Average loss: 1.3416  
Iteration: 1155; Percent complete: 28.9%; Average loss: 1.2078  
Iteration: 1156; Percent complete: 28.9%; Average loss: 1.1643  
Iteration: 1157; Percent complete: 28.9%; Average loss: 1.2813  
Iteration: 1158; Percent complete: 28.9%; Average loss: 1.3098  
Iteration: 1159; Percent complete: 29.0%; Average loss: 1.2837  
Iteration: 1160; Percent complete: 29.0%; Average loss: 1.1494  
Iteration: 1161; Percent complete: 29.0%; Average loss: 1.1814  
Iteration: 1162; Percent complete: 29.0%; Average loss: 1.3172  
Iteration: 1163; Percent complete: 29.1%; Average loss: 1.1145  
Iteration: 1164; Percent complete: 29.1%; Average loss: 1.2664  
Iteration: 1165; Percent complete: 29.1%; Average loss: 1.0302  
Iteration: 1166; Percent complete: 29.1%; Average loss: 1.0783  
Iteration: 1167; Percent complete: 29.2%; Average loss: 1.4870  
Iteration: 1168; Percent complete: 29.2%; Average loss: 1.0451  
Iteration: 1169; Percent complete: 29.2%; Average loss: 1.2229  
Iteration: 1170; Percent complete: 29.2%; Average loss: 1.3360  
Iteration: 1171; Percent complete: 29.3%; Average loss: 1.0834  
Iteration: 1172; Percent complete: 29.3%; Average loss: 1.1945  
Iteration: 1173; Percent complete: 29.3%; Average loss: 1.0173  
Iteration: 1174; Percent complete: 29.3%; Average loss: 1.3581  
Iteration: 1175; Percent complete: 29.4%; Average loss: 1.2905  
Iteration: 1176; Percent complete: 29.4%; Average loss: 1.3014  
Iteration: 1177; Percent complete: 29.4%; Average loss: 1.0692  
Iteration: 1178; Percent complete: 29.4%; Average loss: 1.2560  
Iteration: 1179; Percent complete: 29.5%; Average loss: 1.3581  
Iteration: 1180; Percent complete: 29.5%; Average loss: 1.1219  
Iteration: 1181; Percent complete: 29.5%; Average loss: 1.0765  
Iteration: 1182; Percent complete: 29.5%; Average loss: 1.2233  
Iteration: 1183; Percent complete: 29.6%; Average loss: 1.0460  
Iteration: 1184; Percent complete: 29.6%; Average loss: 1.0409  
Iteration: 1185; Percent complete: 29.6%; Average loss: 1.2788  
Iteration: 1186; Percent complete: 29.6%; Average loss: 1.1428  
Iteration: 1187; Percent complete: 29.7%; Average loss: 1.3168  
Iteration: 1188; Percent complete: 29.7%; Average loss: 1.1617  
Iteration: 1189; Percent complete: 29.7%; Average loss: 1.2949  
Iteration: 1190; Percent complete: 29.8%; Average loss: 1.2463  
Iteration: 1191; Percent complete: 29.8%; Average loss: 1.2195  
Iteration: 1192; Percent complete: 29.8%; Average loss: 1.2360  
Iteration: 1193; Percent complete: 29.8%; Average loss: 1.2087  
Iteration: 1194; Percent complete: 29.8%; Average loss: 0.9326  
Iteration: 1195; Percent complete: 29.9%; Average loss: 1.1227  
Iteration: 1196; Percent complete: 29.9%; Average loss: 1.2037  
Iteration: 1197; Percent complete: 29.9%; Average loss: 1.2486

Iteration: 1197; Percent complete: 29.9%; Average loss: 1.2488  
Iteration: 1198; Percent complete: 29.9%; Average loss: 1.2087  
Iteration: 1199; Percent complete: 30.0%; Average loss: 1.2242  
Iteration: 1200; Percent complete: 30.0%; Average loss: 0.9903  
Iteration: 1201; Percent complete: 30.0%; Average loss: 1.1376  
Iteration: 1202; Percent complete: 30.0%; Average loss: 1.1370  
Iteration: 1203; Percent complete: 30.1%; Average loss: 1.3412  
Iteration: 1204; Percent complete: 30.1%; Average loss: 1.2830  
Iteration: 1205; Percent complete: 30.1%; Average loss: 1.0891  
Iteration: 1206; Percent complete: 30.1%; Average loss: 1.2754  
Iteration: 1207; Percent complete: 30.2%; Average loss: 1.0078  
Iteration: 1208; Percent complete: 30.2%; Average loss: 1.3633  
Iteration: 1209; Percent complete: 30.2%; Average loss: 1.3310  
Iteration: 1210; Percent complete: 30.2%; Average loss: 1.1908  
Iteration: 1211; Percent complete: 30.3%; Average loss: 1.1516  
Iteration: 1212; Percent complete: 30.3%; Average loss: 1.2599  
Iteration: 1213; Percent complete: 30.3%; Average loss: 1.1227  
Iteration: 1214; Percent complete: 30.3%; Average loss: 1.1459  
Iteration: 1215; Percent complete: 30.4%; Average loss: 1.2873  
Iteration: 1216; Percent complete: 30.4%; Average loss: 1.0995  
Iteration: 1217; Percent complete: 30.4%; Average loss: 1.2667  
Iteration: 1218; Percent complete: 30.4%; Average loss: 1.1423  
Iteration: 1219; Percent complete: 30.5%; Average loss: 1.0644  
Iteration: 1220; Percent complete: 30.5%; Average loss: 1.1348  
Iteration: 1221; Percent complete: 30.5%; Average loss: 1.2448  
Iteration: 1222; Percent complete: 30.6%; Average loss: 0.8751  
Iteration: 1223; Percent complete: 30.6%; Average loss: 1.0559  
Iteration: 1224; Percent complete: 30.6%; Average loss: 1.2949  
Iteration: 1225; Percent complete: 30.6%; Average loss: 1.0542  
Iteration: 1226; Percent complete: 30.6%; Average loss: 1.0500  
Iteration: 1227; Percent complete: 30.7%; Average loss: 1.1206  
Iteration: 1228; Percent complete: 30.7%; Average loss: 1.2453  
Iteration: 1229; Percent complete: 30.7%; Average loss: 1.2601  
Iteration: 1230; Percent complete: 30.8%; Average loss: 1.3394  
Iteration: 1231; Percent complete: 30.8%; Average loss: 1.0822  
Iteration: 1232; Percent complete: 30.8%; Average loss: 1.1044  
Iteration: 1233; Percent complete: 30.8%; Average loss: 1.3496  
Iteration: 1234; Percent complete: 30.9%; Average loss: 1.1898  
Iteration: 1235; Percent complete: 30.9%; Average loss: 1.2769  
Iteration: 1236; Percent complete: 30.9%; Average loss: 1.1719  
Iteration: 1237; Percent complete: 30.9%; Average loss: 1.0888  
Iteration: 1238; Percent complete: 30.9%; Average loss: 1.1659  
Iteration: 1239; Percent complete: 31.0%; Average loss: 0.9216  
Iteration: 1240; Percent complete: 31.0%; Average loss: 1.0825  
Iteration: 1241; Percent complete: 31.0%; Average loss: 1.2542  
Iteration: 1242; Percent complete: 31.1%; Average loss: 1.0736  
Iteration: 1243; Percent complete: 31.1%; Average loss: 1.1606  
Iteration: 1244; Percent complete: 31.1%; Average loss: 1.3856  
Iteration: 1245; Percent complete: 31.1%; Average loss: 1.1695  
Iteration: 1246; Percent complete: 31.1%; Average loss: 1.0362  
Iteration: 1247; Percent complete: 31.2%; Average loss: 0.9466  
Iteration: 1248; Percent complete: 31.2%; Average loss: 1.0791  
Iteration: 1249; Percent complete: 31.2%; Average loss: 1.1583  
Iteration: 1250; Percent complete: 31.2%; Average loss: 1.2011  
Iteration: 1251; Percent complete: 31.3%; Average loss: 1.0686  
Iteration: 1252; Percent complete: 31.3%; Average loss: 1.2715  
Iteration: 1253; Percent complete: 31.3%; Average loss: 1.1974  
Iteration: 1254; Percent complete: 31.4%; Average loss: 1.2556  
Iteration: 1255; Percent complete: 31.4%; Average loss: 1.1663  
Iteration: 1256; Percent complete: 31.4%; Average loss: 1.2811  
Iteration: 1257; Percent complete: 31.4%; Average loss: 1.1702  
Iteration: 1258; Percent complete: 31.4%; Average loss: 0.9995  
Iteration: 1259; Percent complete: 31.5%; Average loss: 1.3175  
Iteration: 1260; Percent complete: 31.5%; Average loss: 1.1394  
Iteration: 1261; Percent complete: 31.5%; Average loss: 1.0505  
Iteration: 1262; Percent complete: 31.6%; Average loss: 1.3304  
Iteration: 1263; Percent complete: 31.6%; Average loss: 1.0355  
Iteration: 1264; Percent complete: 31.6%; Average loss: 1.3231  
Iteration: 1265; Percent complete: 31.6%; Average loss: 1.1848  
Iteration: 1266; Percent complete: 31.6%; Average loss: 1.0366  
Iteration: 1267; Percent complete: 31.7%; Average loss: 1.0666  
Iteration: 1268; Percent complete: 31.7%; Average loss: 1.2953  
Iteration: 1269; Percent complete: 31.7%; Average loss: 1.1800  
Iteration: 1270; Percent complete: 31.8%; Average loss: 1.1626  
Iteration: 1271; Percent complete: 31.8%; Average loss: 1.0564  
Iteration: 1272; Percent complete: 31.8%; Average loss: 1.2694  
Iteration: 1273; Percent complete: 31.8%; Average loss: 1.1455  
Iteration: 1274; Percent complete: 31.9%; Average loss: 1.1165  
Iteration: 1275; Percent complete: 31.9%; Average loss: 1.3093  
Iteration: 1276; Percent complete: 31.9%; Average loss: 1.2506  
Iteration: 1277; Percent complete: 31.9%; Average loss: 1.1630  
Iteration: 1278; Percent complete: 31.9%; Average loss: 1.1578  
Iteration: 1279; Percent complete: 32.0%; Average loss: 1.1593  
Iteration: 1280; Percent complete: 32.0%; Average loss: 1.1986  
Iteration: 1281; Percent complete: 32.0%; Average loss: 1.0090  
Iteration: 1282; Percent complete: 32.0%; Average loss: 1.2457  
Iteration: 1283; Percent complete: 32.1%; Average loss: 1.1166  
Iteration: 1284; Percent complete: 32.1%; Average loss: 1.2097  
Iteration: 1285; Percent complete: 32.1%; Average loss: 1.2726  
Iteration: 1286; Percent complete: 32.1%; Average loss: 1.2743  
Iteration: 1287; Percent complete: 32.2%; Average loss: 1.1089  
Iteration: 1288; Percent complete: 32.2%; Average loss: 1.2238

Iteration: 1289; Percent complete: 32.2%; Average loss: 1.3202  
Iteration: 1290; Percent complete: 32.2%; Average loss: 1.2399  
Iteration: 1291; Percent complete: 32.3%; Average loss: 1.1446  
Iteration: 1292; Percent complete: 32.3%; Average loss: 1.0150  
Iteration: 1293; Percent complete: 32.3%; Average loss: 1.0011  
Iteration: 1294; Percent complete: 32.4%; Average loss: 1.2226  
Iteration: 1295; Percent complete: 32.4%; Average loss: 1.1226  
Iteration: 1296; Percent complete: 32.4%; Average loss: 1.4717  
Iteration: 1297; Percent complete: 32.4%; Average loss: 1.0867  
Iteration: 1298; Percent complete: 32.5%; Average loss: 1.2592  
Iteration: 1299; Percent complete: 32.5%; Average loss: 1.4581  
Iteration: 1300; Percent complete: 32.5%; Average loss: 1.3597  
Iteration: 1301; Percent complete: 32.5%; Average loss: 1.1334  
Iteration: 1302; Percent complete: 32.6%; Average loss: 1.5371  
Iteration: 1303; Percent complete: 32.6%; Average loss: 1.0677  
Iteration: 1304; Percent complete: 32.6%; Average loss: 1.1903  
Iteration: 1305; Percent complete: 32.6%; Average loss: 1.0586  
Iteration: 1306; Percent complete: 32.6%; Average loss: 1.1043  
Iteration: 1307; Percent complete: 32.7%; Average loss: 1.1550  
Iteration: 1308; Percent complete: 32.7%; Average loss: 0.9648  
Iteration: 1309; Percent complete: 32.7%; Average loss: 1.2415  
Iteration: 1310; Percent complete: 32.8%; Average loss: 1.4156  
Iteration: 1311; Percent complete: 32.8%; Average loss: 1.1757  
Iteration: 1312; Percent complete: 32.8%; Average loss: 1.0798  
Iteration: 1313; Percent complete: 32.8%; Average loss: 1.2261  
Iteration: 1314; Percent complete: 32.9%; Average loss: 1.2426  
Iteration: 1315; Percent complete: 32.9%; Average loss: 1.3561  
Iteration: 1316; Percent complete: 32.9%; Average loss: 1.2533  
Iteration: 1317; Percent complete: 32.9%; Average loss: 1.4259  
Iteration: 1318; Percent complete: 33.0%; Average loss: 1.0356  
Iteration: 1319; Percent complete: 33.0%; Average loss: 1.1324  
Iteration: 1320; Percent complete: 33.0%; Average loss: 1.5149  
Iteration: 1321; Percent complete: 33.0%; Average loss: 1.0337  
Iteration: 1322; Percent complete: 33.1%; Average loss: 1.2237  
Iteration: 1323; Percent complete: 33.1%; Average loss: 1.0861  
Iteration: 1324; Percent complete: 33.1%; Average loss: 1.0823  
Iteration: 1325; Percent complete: 33.1%; Average loss: 1.3450  
Iteration: 1326; Percent complete: 33.1%; Average loss: 1.2982  
Iteration: 1327; Percent complete: 33.2%; Average loss: 1.2190  
Iteration: 1328; Percent complete: 33.2%; Average loss: 1.2085  
Iteration: 1329; Percent complete: 33.2%; Average loss: 0.9783  
Iteration: 1330; Percent complete: 33.2%; Average loss: 1.2706  
Iteration: 1331; Percent complete: 33.3%; Average loss: 1.0255  
Iteration: 1332; Percent complete: 33.3%; Average loss: 1.1047  
Iteration: 1333; Percent complete: 33.3%; Average loss: 0.9881  
Iteration: 1334; Percent complete: 33.4%; Average loss: 1.3559  
Iteration: 1335; Percent complete: 33.4%; Average loss: 1.0892  
Iteration: 1336; Percent complete: 33.4%; Average loss: 1.1593  
Iteration: 1337; Percent complete: 33.4%; Average loss: 1.2253  
Iteration: 1338; Percent complete: 33.5%; Average loss: 1.1553  
Iteration: 1339; Percent complete: 33.5%; Average loss: 1.1871  
Iteration: 1340; Percent complete: 33.5%; Average loss: 1.2363  
Iteration: 1341; Percent complete: 33.5%; Average loss: 1.2830  
Iteration: 1342; Percent complete: 33.6%; Average loss: 1.1551  
Iteration: 1343; Percent complete: 33.6%; Average loss: 1.3477  
Iteration: 1344; Percent complete: 33.6%; Average loss: 1.1212  
Iteration: 1345; Percent complete: 33.6%; Average loss: 1.0138  
Iteration: 1346; Percent complete: 33.7%; Average loss: 1.1700  
Iteration: 1347; Percent complete: 33.7%; Average loss: 1.3962  
Iteration: 1348; Percent complete: 33.7%; Average loss: 1.1696  
Iteration: 1349; Percent complete: 33.7%; Average loss: 1.2824  
Iteration: 1350; Percent complete: 33.8%; Average loss: 1.0802  
Iteration: 1351; Percent complete: 33.8%; Average loss: 1.1653  
Iteration: 1352; Percent complete: 33.8%; Average loss: 1.2429  
Iteration: 1353; Percent complete: 33.8%; Average loss: 1.1033  
Iteration: 1354; Percent complete: 33.9%; Average loss: 1.1656  
Iteration: 1355; Percent complete: 33.9%; Average loss: 1.2264  
Iteration: 1356; Percent complete: 33.9%; Average loss: 1.2227  
Iteration: 1357; Percent complete: 33.9%; Average loss: 1.1268  
Iteration: 1358; Percent complete: 34.0%; Average loss: 1.2318  
Iteration: 1359; Percent complete: 34.0%; Average loss: 1.2137  
Iteration: 1360; Percent complete: 34.0%; Average loss: 1.2733  
Iteration: 1361; Percent complete: 34.0%; Average loss: 1.1315  
Iteration: 1362; Percent complete: 34.1%; Average loss: 1.1467  
Iteration: 1363; Percent complete: 34.1%; Average loss: 1.4095  
Iteration: 1364; Percent complete: 34.1%; Average loss: 0.8896  
Iteration: 1365; Percent complete: 34.1%; Average loss: 1.1155  
Iteration: 1366; Percent complete: 34.2%; Average loss: 1.1915  
Iteration: 1367; Percent complete: 34.2%; Average loss: 1.2129  
Iteration: 1368; Percent complete: 34.2%; Average loss: 1.1388  
Iteration: 1369; Percent complete: 34.2%; Average loss: 1.2420  
Iteration: 1370; Percent complete: 34.2%; Average loss: 1.3975  
Iteration: 1371; Percent complete: 34.3%; Average loss: 1.1591  
Iteration: 1372; Percent complete: 34.3%; Average loss: 1.2079  
Iteration: 1373; Percent complete: 34.3%; Average loss: 1.1011  
Iteration: 1374; Percent complete: 34.4%; Average loss: 1.3504  
Iteration: 1375; Percent complete: 34.4%; Average loss: 1.2987  
Iteration: 1376; Percent complete: 34.4%; Average loss: 1.1673  
Iteration: 1377; Percent complete: 34.4%; Average loss: 1.3347  
Iteration: 1378; Percent complete: 34.4%; Average loss: 1.2787  
Iteration: 1379; Percent complete: 34.5%; Average loss: 0.9699



|            |       |         |           |        |         |       |        |
|------------|-------|---------|-----------|--------|---------|-------|--------|
| Iteration: | 1380; | Percent | complete: | 34.5%; | Average | loss: | 1.2083 |
| Iteration: | 1381; | Percent | complete: | 34.5%; | Average | loss: | 1.3325 |
| Iteration: | 1382; | Percent | complete: | 34.5%; | Average | loss: | 1.1247 |
| Iteration: | 1383; | Percent | complete: | 34.6%; | Average | loss: | 1.1343 |
| Iteration: | 1384; | Percent | complete: | 34.6%; | Average | loss: | 1.1497 |
| Iteration: | 1385; | Percent | complete: | 34.6%; | Average | loss: | 1.0328 |
| Iteration: | 1386; | Percent | complete: | 34.6%; | Average | loss: | 1.3589 |
| Iteration: | 1387; | Percent | complete: | 34.7%; | Average | loss: | 1.0864 |
| Iteration: | 1388; | Percent | complete: | 34.7%; | Average | loss: | 1.1716 |
| Iteration: | 1389; | Percent | complete: | 34.7%; | Average | loss: | 1.2733 |
| Iteration: | 1390; | Percent | complete: | 34.8%; | Average | loss: | 1.2559 |
| Iteration: | 1391; | Percent | complete: | 34.8%; | Average | loss: | 1.4803 |
| Iteration: | 1392; | Percent | complete: | 34.8%; | Average | loss: | 1.2413 |
| Iteration: | 1393; | Percent | complete: | 34.8%; | Average | loss: | 1.1018 |
| Iteration: | 1394; | Percent | complete: | 34.8%; | Average | loss: | 1.1533 |
| Iteration: | 1395; | Percent | complete: | 34.9%; | Average | loss: | 1.1196 |
| Iteration: | 1396; | Percent | complete: | 34.9%; | Average | loss: | 1.2794 |
| Iteration: | 1397; | Percent | complete: | 34.9%; | Average | loss: | 1.4169 |
| Iteration: | 1398; | Percent | complete: | 34.9%; | Average | loss: | 1.5174 |
| Iteration: | 1399; | Percent | complete: | 35.0%; | Average | loss: | 0.9825 |
| Iteration: | 1400; | Percent | complete: | 35.0%; | Average | loss: | 1.2880 |
| Iteration: | 1401; | Percent | complete: | 35.0%; | Average | loss: | 1.2069 |
| Iteration: | 1402; | Percent | complete: | 35.0%; | Average | loss: | 1.2474 |
| Iteration: | 1403; | Percent | complete: | 35.1%; | Average | loss: | 1.3182 |
| Iteration: | 1404; | Percent | complete: | 35.1%; | Average | loss: | 1.1938 |
| Iteration: | 1405; | Percent | complete: | 35.1%; | Average | loss: | 1.3643 |
| Iteration: | 1406; | Percent | complete: | 35.1%; | Average | loss: | 1.2494 |
| Iteration: | 1407; | Percent | complete: | 35.2%; | Average | loss: | 1.1863 |
| Iteration: | 1408; | Percent | complete: | 35.2%; | Average | loss: | 1.1356 |
| Iteration: | 1409; | Percent | complete: | 35.2%; | Average | loss: | 1.0756 |
| Iteration: | 1410; | Percent | complete: | 35.2%; | Average | loss: | 1.1716 |
| Iteration: | 1411; | Percent | complete: | 35.3%; | Average | loss: | 1.3170 |
| Iteration: | 1412; | Percent | complete: | 35.3%; | Average | loss: | 1.3825 |
| Iteration: | 1413; | Percent | complete: | 35.3%; | Average | loss: | 1.2840 |
| Iteration: | 1414; | Percent | complete: | 35.4%; | Average | loss: | 1.1723 |
| Iteration: | 1415; | Percent | complete: | 35.4%; | Average | loss: | 1.0934 |
| Iteration: | 1416; | Percent | complete: | 35.4%; | Average | loss: | 1.1176 |
| Iteration: | 1417; | Percent | complete: | 35.4%; | Average | loss: | 1.2379 |
| Iteration: | 1418; | Percent | complete: | 35.4%; | Average | loss: | 1.1988 |
| Iteration: | 1419; | Percent | complete: | 35.5%; | Average | loss: | 1.2553 |
| Iteration: | 1420; | Percent | complete: | 35.5%; | Average | loss: | 1.1726 |
| Iteration: | 1421; | Percent | complete: | 35.5%; | Average | loss: | 1.1973 |
| Iteration: | 1422; | Percent | complete: | 35.5%; | Average | loss: | 1.2266 |
| Iteration: | 1423; | Percent | complete: | 35.6%; | Average | loss: | 1.2265 |
| Iteration: | 1424; | Percent | complete: | 35.6%; | Average | loss: | 1.3265 |
| Iteration: | 1425; | Percent | complete: | 35.6%; | Average | loss: | 1.0423 |
| Iteration: | 1426; | Percent | complete: | 35.6%; | Average | loss: | 1.2833 |
| Iteration: | 1427; | Percent | complete: | 35.7%; | Average | loss: | 1.1743 |
| Iteration: | 1428; | Percent | complete: | 35.7%; | Average | loss: | 1.2526 |
| Iteration: | 1429; | Percent | complete: | 35.7%; | Average | loss: | 1.0548 |
| Iteration: | 1430; | Percent | complete: | 35.8%; | Average | loss: | 1.0783 |
| Iteration: | 1431; | Percent | complete: | 35.8%; | Average | loss: | 1.1598 |
| Iteration: | 1432; | Percent | complete: | 35.8%; | Average | loss: | 1.2322 |
| Iteration: | 1433; | Percent | complete: | 35.8%; | Average | loss: | 1.2274 |
| Iteration: | 1434; | Percent | complete: | 35.9%; | Average | loss: | 1.3172 |
| Iteration: | 1435; | Percent | complete: | 35.9%; | Average | loss: | 0.9842 |
| Iteration: | 1436; | Percent | complete: | 35.9%; | Average | loss: | 1.0326 |
| Iteration: | 1437; | Percent | complete: | 35.9%; | Average | loss: | 1.1753 |
| Iteration: | 1438; | Percent | complete: | 35.9%; | Average | loss: | 1.3424 |
| Iteration: | 1439; | Percent | complete: | 36.0%; | Average | loss: | 1.2332 |
| Iteration: | 1440; | Percent | complete: | 36.0%; | Average | loss: | 1.0834 |
| Iteration: | 1441; | Percent | complete: | 36.0%; | Average | loss: | 1.2415 |
| Iteration: | 1442; | Percent | complete: | 36.0%; | Average | loss: | 1.0683 |
| Iteration: | 1443; | Percent | complete: | 36.1%; | Average | loss: | 1.1135 |





|                  |                          |                      |
|------------------|--------------------------|----------------------|
| Iteration: 1654; | Percent complete: 41.3%; | Average loss: 1.2595 |
| Iteration: 1655; | Percent complete: 41.4%; | Average loss: 1.1313 |
| Iteration: 1656; | Percent complete: 41.4%; | Average loss: 1.3821 |
| Iteration: 1657; | Percent complete: 41.4%; | Average loss: 1.1869 |
| Iteration: 1658; | Percent complete: 41.4%; | Average loss: 1.1362 |
| Iteration: 1659; | Percent complete: 41.5%; | Average loss: 1.1853 |
| Iteration: 1660; | Percent complete: 41.5%; | Average loss: 1.4216 |
| Iteration: 1661; | Percent complete: 41.5%; | Average loss: 1.3239 |
| Iteration: 1662; | Percent complete: 41.5%; | Average loss: 1.3213 |
| Iteration: 1663; | Percent complete: 41.6%; | Average loss: 1.0885 |
| Iteration: 1664; | Percent complete: 41.6%; | Average loss: 0.9590 |
| Iteration: 1665; | Percent complete: 41.6%; | Average loss: 1.0251 |
| Iteration: 1666; | Percent complete: 41.6%; | Average loss: 1.0960 |
| Iteration: 1667; | Percent complete: 41.7%; | Average loss: 1.1447 |
| Iteration: 1668; | Percent complete: 41.7%; | Average loss: 1.3141 |
| Iteration: 1669; | Percent complete: 41.7%; | Average loss: 1.3677 |
| Iteration: 1670; | Percent complete: 41.8%; | Average loss: 1.2422 |
| Iteration: 1671; | Percent complete: 41.8%; | Average loss: 1.2035 |
| Iteration: 1672; | Percent complete: 41.8%; | Average loss: 1.1039 |
| Iteration: 1673; | Percent complete: 41.8%; | Average loss: 1.4653 |
| Iteration: 1674; | Percent complete: 41.9%; | Average loss: 1.0742 |
| Iteration: 1675; | Percent complete: 41.9%; | Average loss: 1.0613 |
| Iteration: 1676; | Percent complete: 41.9%; | Average loss: 1.2033 |
| Iteration: 1677; | Percent complete: 41.9%; | Average loss: 1.2640 |
| Iteration: 1678; | Percent complete: 41.9%; | Average loss: 1.0777 |
| Iteration: 1679; | Percent complete: 42.0%; | Average loss: 1.2776 |
| Iteration: 1680; | Percent complete: 42.0%; | Average loss: 1.1410 |
| Iteration: 1681; | Percent complete: 42.0%; | Average loss: 1.3029 |
| Iteration: 1682; | Percent complete: 42.0%; | Average loss: 1.2727 |
| Iteration: 1683; | Percent complete: 42.1%; | Average loss: 1.1190 |
| Iteration: 1684; | Percent complete: 42.1%; | Average loss: 1.1296 |
| Iteration: 1685; | Percent complete: 42.1%; | Average loss: 1.1812 |
| Iteration: 1686; | Percent complete: 42.1%; | Average loss: 1.0474 |
| Iteration: 1687; | Percent complete: 42.2%; | Average loss: 1.2778 |
| Iteration: 1688; | Percent complete: 42.2%; | Average loss: 1.0465 |
| Iteration: 1689; | Percent complete: 42.2%; | Average loss: 1.0830 |
| Iteration: 1690; | Percent complete: 42.2%; | Average loss: 1.1100 |
| Iteration: 1691; | Percent complete: 42.3%; | Average loss: 1.2429 |
| Iteration: 1692; | Percent complete: 42.3%; | Average loss: 1.1262 |
| Iteration: 1693; | Percent complete: 42.3%; | Average loss: 1.1238 |
| Iteration: 1694; | Percent complete: 42.4%; | Average loss: 1.2301 |
| Iteration: 1695; | Percent complete: 42.4%; | Average loss: 1.0608 |
| Iteration: 1696; | Percent complete: 42.4%; | Average loss: 1.0846 |
| Iteration: 1697; | Percent complete: 42.4%; | Average loss: 1.3056 |
| Iteration: 1698; | Percent complete: 42.4%; | Average loss: 1.1371 |
| Iteration: 1699; | Percent complete: 42.5%; | Average loss: 1.0324 |
| Iteration: 1700; | Percent complete: 42.5%; | Average loss: 1.2320 |
| Iteration: 1701; | Percent complete: 42.5%; | Average loss: 1.1661 |
| Iteration: 1702; | Percent complete: 42.5%; | Average loss: 1.1584 |
| Iteration: 1703; | Percent complete: 42.6%; | Average loss: 1.1113 |
| Iteration: 1704; | Percent complete: 42.6%; | Average loss: 1.3151 |
| Iteration: 1705; | Percent complete: 42.6%; | Average loss: 1.3532 |
| Iteration: 1706; | Percent complete: 42.6%; | Average loss: 1.0626 |
| Iteration: 1707; | Percent complete: 42.7%; | Average loss: 1.1985 |
| Iteration: 1708; | Percent complete: 42.7%; | Average loss: 1.0505 |
| Iteration: 1709; | Percent complete: 42.7%; | Average loss: 1.2338 |
| Iteration: 1710; | Percent complete: 42.8%; | Average loss: 1.0479 |
| Iteration: 1711; | Percent complete: 42.8%; | Average loss: 1.2246 |
| Iteration: 1712; | Percent complete: 42.8%; | Average loss: 1.3174 |
| Iteration: 1713; | Percent complete: 42.8%; | Average loss: 0.9214 |
| Iteration: 1714; | Percent complete: 42.9%; | Average loss: 1.0849 |
| Iteration: 1715; | Percent complete: 42.9%; | Average loss: 1.1422 |
| Iteration: 1716; | Percent complete: 42.9%; | Average loss: 1.3767 |
| Iteration: 1717; | Percent complete: 42.9%; | Average loss: 1.2292 |
| Iteration: 1718; | Percent complete: 43.0%; | Average loss: 1.2604 |
| Iteration: 1719; | Percent complete: 43.0%; | Average loss: 1.3682 |
| Iteration: 1720; | Percent complete: 43.0%; | Average loss: 0.9902 |
| Iteration: 1721; | Percent complete: 43.0%; | Average loss: 0.9890 |
| Iteration: 1722; | Percent complete: 43.0%; | Average loss: 1.0068 |
| Iteration: 1723; | Percent complete: 43.1%; | Average loss: 1.1942 |
| Iteration: 1724; | Percent complete: 43.1%; | Average loss: 1.1724 |
| Iteration: 1725; | Percent complete: 43.1%; | Average loss: 1.0176 |
| Iteration: 1726; | Percent complete: 43.1%; | Average loss: 1.2072 |
| Iteration: 1727; | Percent complete: 43.2%; | Average loss: 1.1659 |
| Iteration: 1728; | Percent complete: 43.2%; | Average loss: 1.3192 |
| Iteration: 1729; | Percent complete: 43.2%; | Average loss: 1.2822 |
| Iteration: 1730; | Percent complete: 43.2%; | Average loss: 1.0665 |
| Iteration: 1731; | Percent complete: 43.3%; | Average loss: 1.1443 |
| Iteration: 1732; | Percent complete: 43.3%; | Average loss: 1.0575 |
| Iteration: 1733; | Percent complete: 43.3%; | Average loss: 1.2312 |
| Iteration: 1734; | Percent complete: 43.4%; | Average loss: 1.1732 |
| Iteration: 1735; | Percent complete: 43.4%; | Average loss: 1.1257 |
| Iteration: 1736; | Percent complete: 43.4%; | Average loss: 1.0014 |
| Iteration: 1737; | Percent complete: 43.4%; | Average loss: 1.2757 |
| Iteration: 1738; | Percent complete: 43.5%; | Average loss: 1.1804 |
| Iteration: 1739; | Percent complete: 43.5%; | Average loss: 1.1521 |
| Iteration: 1740; | Percent complete: 43.5%; | Average loss: 1.2078 |
| Iteration: 1741; | Percent complete: 43.5%; | Average loss: 1.2130 |
| Iteration: 1742; | Percent complete: 43.5%; | Average loss: 1.2950 |
| Iteration: 1743; | Percent complete: 43.6%; | Average loss: 1.4726 |
| Iteration: 1744; | Percent complete: 43.6%; | Average loss: 1.1499 |

Iteration: 1745; Percent complete: 43.6%; Average loss: 1.1489  
Iteration: 1746; Percent complete: 43.6%; Average loss: 1.1306  
Iteration: 1747; Percent complete: 43.7%; Average loss: 1.4001  
Iteration: 1748; Percent complete: 43.7%; Average loss: 1.2119  
Iteration: 1749; Percent complete: 43.7%; Average loss: 1.3179  
Iteration: 1750; Percent complete: 43.8%; Average loss: 1.2357  
Iteration: 1751; Percent complete: 43.8%; Average loss: 0.9697  
Iteration: 1752; Percent complete: 43.8%; Average loss: 1.1875  
Iteration: 1753; Percent complete: 43.8%; Average loss: 1.1927  
Iteration: 1754; Percent complete: 43.9%; Average loss: 1.3787  
Iteration: 1755; Percent complete: 43.9%; Average loss: 1.1894  
Iteration: 1756; Percent complete: 43.9%; Average loss: 1.3028  
Iteration: 1757; Percent complete: 43.9%; Average loss: 1.0536  
Iteration: 1758; Percent complete: 44.0%; Average loss: 1.4012  
Iteration: 1759; Percent complete: 44.0%; Average loss: 1.2358  
Iteration: 1760; Percent complete: 44.0%; Average loss: 1.1854  
Iteration: 1761; Percent complete: 44.0%; Average loss: 1.1644  
Iteration: 1762; Percent complete: 44.0%; Average loss: 1.2523  
Iteration: 1763; Percent complete: 44.1%; Average loss: 1.0745  
Iteration: 1764; Percent complete: 44.1%; Average loss: 1.1905  
Iteration: 1765; Percent complete: 44.1%; Average loss: 1.3781  
Iteration: 1766; Percent complete: 44.1%; Average loss: 1.2040  
Iteration: 1767; Percent complete: 44.2%; Average loss: 1.3795  
Iteration: 1768; Percent complete: 44.2%; Average loss: 1.2366  
Iteration: 1769; Percent complete: 44.2%; Average loss: 1.1692  
Iteration: 1770; Percent complete: 44.2%; Average loss: 0.9961  
Iteration: 1771; Percent complete: 44.3%; Average loss: 1.3057  
Iteration: 1772; Percent complete: 44.3%; Average loss: 1.2945  
Iteration: 1773; Percent complete: 44.3%; Average loss: 1.2976  
Iteration: 1774; Percent complete: 44.4%; Average loss: 1.3999  
Iteration: 1775; Percent complete: 44.4%; Average loss: 1.2514  
Iteration: 1776; Percent complete: 44.4%; Average loss: 1.1228  
Iteration: 1777; Percent complete: 44.4%; Average loss: 1.1927  
Iteration: 1778; Percent complete: 44.5%; Average loss: 1.1371  
Iteration: 1779; Percent complete: 44.5%; Average loss: 1.2743  
Iteration: 1780; Percent complete: 44.5%; Average loss: 1.1733  
Iteration: 1781; Percent complete: 44.5%; Average loss: 1.0917  
Iteration: 1782; Percent complete: 44.5%; Average loss: 1.1539  
Iteration: 1783; Percent complete: 44.6%; Average loss: 1.1422  
Iteration: 1784; Percent complete: 44.6%; Average loss: 1.0299  
Iteration: 1785; Percent complete: 44.6%; Average loss: 1.3044  
Iteration: 1786; Percent complete: 44.6%; Average loss: 1.2449  
Iteration: 1787; Percent complete: 44.7%; Average loss: 0.9309  
Iteration: 1788; Percent complete: 44.7%; Average loss: 1.1544  
Iteration: 1789; Percent complete: 44.7%; Average loss: 1.4872  
Iteration: 1790; Percent complete: 44.8%; Average loss: 1.1471  
Iteration: 1791; Percent complete: 44.8%; Average loss: 1.1705  
Iteration: 1792; Percent complete: 44.8%; Average loss: 1.1297  
Iteration: 1793; Percent complete: 44.8%; Average loss: 1.1979  
Iteration: 1794; Percent complete: 44.9%; Average loss: 1.1443  
Iteration: 1795; Percent complete: 44.9%; Average loss: 1.3108  
Iteration: 1796; Percent complete: 44.9%; Average loss: 1.5532  
Iteration: 1797; Percent complete: 44.9%; Average loss: 1.2128  
Iteration: 1798; Percent complete: 45.0%; Average loss: 1.1827  
Iteration: 1799; Percent complete: 45.0%; Average loss: 1.2559  
Iteration: 1800; Percent complete: 45.0%; Average loss: 1.1547  
Iteration: 1801; Percent complete: 45.0%; Average loss: 1.0229  
Iteration: 1802; Percent complete: 45.1%; Average loss: 1.2533  
Iteration: 1803; Percent complete: 45.1%; Average loss: 1.0600  
Iteration: 1804; Percent complete: 45.1%; Average loss: 1.1473  
Iteration: 1805; Percent complete: 45.1%; Average loss: 1.0920  
Iteration: 1806; Percent complete: 45.1%; Average loss: 1.0032  
Iteration: 1807; Percent complete: 45.2%; Average loss: 1.1556  
Iteration: 1808; Percent complete: 45.2%; Average loss: 1.2088  
Iteration: 1809; Percent complete: 45.2%; Average loss: 1.2406  
Iteration: 1810; Percent complete: 45.2%; Average loss: 1.0730  
Iteration: 1811; Percent complete: 45.3%; Average loss: 1.0542  
Iteration: 1812; Percent complete: 45.3%; Average loss: 1.1563  
Iteration: 1813; Percent complete: 45.3%; Average loss: 1.1842  
Iteration: 1814; Percent complete: 45.4%; Average loss: 1.2407  
Iteration: 1815; Percent complete: 45.4%; Average loss: 0.9883  
Iteration: 1816; Percent complete: 45.4%; Average loss: 1.1256  
Iteration: 1817; Percent complete: 45.4%; Average loss: 1.2458  
Iteration: 1818; Percent complete: 45.5%; Average loss: 1.1519  
Iteration: 1819; Percent complete: 45.5%; Average loss: 1.0046  
Iteration: 1820; Percent complete: 45.5%; Average loss: 1.0599  
Iteration: 1821; Percent complete: 45.5%; Average loss: 1.0881  
Iteration: 1822; Percent complete: 45.6%; Average loss: 1.2389  
Iteration: 1823; Percent complete: 45.6%; Average loss: 1.3670  
Iteration: 1824; Percent complete: 45.6%; Average loss: 1.0842  
Iteration: 1825; Percent complete: 45.6%; Average loss: 1.1152  
Iteration: 1826; Percent complete: 45.6%; Average loss: 1.2135  
Iteration: 1827; Percent complete: 45.7%; Average loss: 1.3346  
Iteration: 1828; Percent complete: 45.7%; Average loss: 0.9289  
Iteration: 1829; Percent complete: 45.7%; Average loss: 1.1777  
Iteration: 1830; Percent complete: 45.8%; Average loss: 1.1787  
Iteration: 1831; Percent complete: 45.8%; Average loss: 1.2763  
Iteration: 1832; Percent complete: 45.8%; Average loss: 1.0927  
Iteration: 1833; Percent complete: 45.8%; Average loss: 1.2046  
Iteration: 1834; Percent complete: 45.9%; Average loss: 1.0545  
Iteration: 1835; Percent complete: 45.9%; Average loss: 1.3678



Iteration: 1927; Percent complete: 48.2%; Average loss: 1.2113  
Iteration: 1928; Percent complete: 48.2%; Average loss: 1.2084  
Iteration: 1929; Percent complete: 48.2%; Average loss: 0.9980  
Iteration: 1930; Percent complete: 48.2%; Average loss: 1.1716  
Iteration: 1931; Percent complete: 48.3%; Average loss: 1.2670  
Iteration: 1932; Percent complete: 48.3%; Average loss: 1.2765  
Iteration: 1933; Percent complete: 48.3%; Average loss: 1.2656  
Iteration: 1934; Percent complete: 48.4%; Average loss: 1.0017  
Iteration: 1935; Percent complete: 48.4%; Average loss: 1.0542  
Iteration: 1936; Percent complete: 48.4%; Average loss: 1.2044  
Iteration: 1937; Percent complete: 48.4%; Average loss: 1.1766  
Iteration: 1938; Percent complete: 48.4%; Average loss: 1.0007  
Iteration: 1939; Percent complete: 48.5%; Average loss: 1.3552  
Iteration: 1940; Percent complete: 48.5%; Average loss: 1.2477  
Iteration: 1941; Percent complete: 48.5%; Average loss: 1.1239  
Iteration: 1942; Percent complete: 48.5%; Average loss: 1.1027  
Iteration: 1943; Percent complete: 48.6%; Average loss: 1.2774  
Iteration: 1944; Percent complete: 48.6%; Average loss: 1.0360  
Iteration: 1945; Percent complete: 48.6%; Average loss: 1.0490  
Iteration: 1946; Percent complete: 48.6%; Average loss: 1.2438  
Iteration: 1947; Percent complete: 48.7%; Average loss: 1.1986  
Iteration: 1948; Percent complete: 48.7%; Average loss: 1.0688  
Iteration: 1949; Percent complete: 48.7%; Average loss: 1.2214  
Iteration: 1950; Percent complete: 48.8%; Average loss: 1.1892  
Iteration: 1951; Percent complete: 48.8%; Average loss: 0.9786  
Iteration: 1952; Percent complete: 48.8%; Average loss: 1.0922  
Iteration: 1953; Percent complete: 48.8%; Average loss: 1.1835  
Iteration: 1954; Percent complete: 48.9%; Average loss: 1.2890  
Iteration: 1955; Percent complete: 48.9%; Average loss: 1.1263  
Iteration: 1956; Percent complete: 48.9%; Average loss: 1.3145  
Iteration: 1957; Percent complete: 48.9%; Average loss: 1.3022  
Iteration: 1958; Percent complete: 48.9%; Average loss: 0.9608  
Iteration: 1959; Percent complete: 49.0%; Average loss: 1.0814  
Iteration: 1960; Percent complete: 49.0%; Average loss: 1.1613  
Iteration: 1961; Percent complete: 49.0%; Average loss: 1.3005  
Iteration: 1962; Percent complete: 49.0%; Average loss: 1.2204  
Iteration: 1963; Percent complete: 49.1%; Average loss: 1.1082  
Iteration: 1964; Percent complete: 49.1%; Average loss: 1.1142  
Iteration: 1965; Percent complete: 49.1%; Average loss: 1.0452  
Iteration: 1966; Percent complete: 49.1%; Average loss: 1.3149  
Iteration: 1967; Percent complete: 49.2%; Average loss: 1.1449  
Iteration: 1968; Percent complete: 49.2%; Average loss: 0.9784  
Iteration: 1969; Percent complete: 49.2%; Average loss: 1.1578  
Iteration: 1970; Percent complete: 49.2%; Average loss: 1.4219  
Iteration: 1971; Percent complete: 49.3%; Average loss: 1.0557  
Iteration: 1972; Percent complete: 49.3%; Average loss: 1.1833  
Iteration: 1973; Percent complete: 49.3%; Average loss: 1.2378  
Iteration: 1974; Percent complete: 49.4%; Average loss: 1.3962  
Iteration: 1975; Percent complete: 49.4%; Average loss: 1.0067  
Iteration: 1976; Percent complete: 49.4%; Average loss: 0.9832  
Iteration: 1977; Percent complete: 49.4%; Average loss: 1.0850  
Iteration: 1978; Percent complete: 49.5%; Average loss: 1.2655  
Iteration: 1979; Percent complete: 49.5%; Average loss: 1.0309  
Iteration: 1980; Percent complete: 49.5%; Average loss: 1.2296  
Iteration: 1981; Percent complete: 49.5%; Average loss: 1.3286  
Iteration: 1982; Percent complete: 49.5%; Average loss: 1.2321  
Iteration: 1983; Percent complete: 49.6%; Average loss: 1.3009  
Iteration: 1984; Percent complete: 49.6%; Average loss: 1.0756  
Iteration: 1985; Percent complete: 49.6%; Average loss: 1.1274  
Iteration: 1986; Percent complete: 49.6%; Average loss: 1.1998  
Iteration: 1987; Percent complete: 49.7%; Average loss: 1.1543  
Iteration: 1988; Percent complete: 49.7%; Average loss: 1.2843  
Iteration: 1989; Percent complete: 49.7%; Average loss: 1.0625  
Iteration: 1990; Percent complete: 49.8%; Average loss: 1.1286  
Iteration: 1991; Percent complete: 49.8%; Average loss: 1.2587  
Iteration: 1992; Percent complete: 49.8%; Average loss: 1.0377  
Iteration: 1993; Percent complete: 49.8%; Average loss: 1.1389  
Iteration: 1994; Percent complete: 49.9%; Average loss: 1.1692  
Iteration: 1995; Percent complete: 49.9%; Average loss: 1.2850  
Iteration: 1996; Percent complete: 49.9%; Average loss: 1.2021  
Iteration: 1997; Percent complete: 49.9%; Average loss: 1.0578  
Iteration: 1998; Percent complete: 50.0%; Average loss: 1.1842  
Iteration: 1999; Percent complete: 50.0%; Average loss: 1.2700  
Iteration: 2000; Percent complete: 50.0%; Average loss: 1.3656  
Iteration: 2001; Percent complete: 50.0%; Average loss: 1.2561  
Iteration: 2002; Percent complete: 50.0%; Average loss: 1.0678  
Iteration: 2003; Percent complete: 50.1%; Average loss: 1.1091  
Iteration: 2004; Percent complete: 50.1%; Average loss: 1.0172  
Iteration: 2005; Percent complete: 50.1%; Average loss: 1.1455  
Iteration: 2006; Percent complete: 50.1%; Average loss: 0.9616  
Iteration: 2007; Percent complete: 50.2%; Average loss: 1.1932  
Iteration: 2008; Percent complete: 50.2%; Average loss: 1.1178  
Iteration: 2009; Percent complete: 50.2%; Average loss: 1.4201  
Iteration: 2010; Percent complete: 50.2%; Average loss: 1.1377  
Iteration: 2011; Percent complete: 50.3%; Average loss: 1.1269  
Iteration: 2012; Percent complete: 50.3%; Average loss: 1.1246  
Iteration: 2013; Percent complete: 50.3%; Average loss: 1.2631  
Iteration: 2014; Percent complete: 50.3%; Average loss: 1.1229  
Iteration: 2015; Percent complete: 50.4%; Average loss: 1.1045  
Iteration: 2016; Percent complete: 50.4%; Average loss: 1.0736  
Iteration: 2017; Percent complete: 50.4%; Average loss: 1.1026  
Iteration: 2018; Percent complete: 50.4%; Average loss: 1.2630

Iteration: 2019; Percent complete: 50.5%; Average loss: 1.1637  
Iteration: 2020; Percent complete: 50.5%; Average loss: 1.0848  
Iteration: 2021; Percent complete: 50.5%; Average loss: 0.9813  
Iteration: 2022; Percent complete: 50.5%; Average loss: 1.0270  
Iteration: 2023; Percent complete: 50.6%; Average loss: 1.3432  
Iteration: 2024; Percent complete: 50.6%; Average loss: 0.9898  
Iteration: 2025; Percent complete: 50.6%; Average loss: 1.2793  
Iteration: 2026; Percent complete: 50.6%; Average loss: 1.4936  
Iteration: 2027; Percent complete: 50.7%; Average loss: 1.0307  
Iteration: 2028; Percent complete: 50.7%; Average loss: 1.3198  
Iteration: 2029; Percent complete: 50.7%; Average loss: 1.1432  
Iteration: 2030; Percent complete: 50.7%; Average loss: 1.3740  
Iteration: 2031; Percent complete: 50.8%; Average loss: 1.1702  
Iteration: 2032; Percent complete: 50.8%; Average loss: 1.2428  
Iteration: 2033; Percent complete: 50.8%; Average loss: 1.2603  
Iteration: 2034; Percent complete: 50.8%; Average loss: 1.1436  
Iteration: 2035; Percent complete: 50.9%; Average loss: 1.2891  
Iteration: 2036; Percent complete: 50.9%; Average loss: 1.0377  
Iteration: 2037; Percent complete: 50.9%; Average loss: 1.1761  
Iteration: 2038; Percent complete: 50.9%; Average loss: 1.2124  
Iteration: 2039; Percent complete: 51.0%; Average loss: 1.2197  
Iteration: 2040; Percent complete: 51.0%; Average loss: 1.3262  
Iteration: 2041; Percent complete: 51.0%; Average loss: 0.9944  
Iteration: 2042; Percent complete: 51.0%; Average loss: 1.2870  
Iteration: 2043; Percent complete: 51.1%; Average loss: 1.2306  
Iteration: 2044; Percent complete: 51.1%; Average loss: 1.2775  
Iteration: 2045; Percent complete: 51.1%; Average loss: 1.2723  
Iteration: 2046; Percent complete: 51.1%; Average loss: 1.4320  
Iteration: 2047; Percent complete: 51.2%; Average loss: 1.3168  
Iteration: 2048; Percent complete: 51.2%; Average loss: 1.0369  
Iteration: 2049; Percent complete: 51.2%; Average loss: 1.1347  
Iteration: 2050; Percent complete: 51.2%; Average loss: 1.1631  
Iteration: 2051; Percent complete: 51.3%; Average loss: 0.9776  
Iteration: 2052; Percent complete: 51.3%; Average loss: 1.0745  
Iteration: 2053; Percent complete: 51.3%; Average loss: 1.1330  
Iteration: 2054; Percent complete: 51.3%; Average loss: 1.3920  
Iteration: 2055; Percent complete: 51.4%; Average loss: 1.1300  
Iteration: 2056; Percent complete: 51.4%; Average loss: 1.0877  
Iteration: 2057; Percent complete: 51.4%; Average loss: 1.3937  
Iteration: 2058; Percent complete: 51.4%; Average loss: 1.1430  
Iteration: 2059; Percent complete: 51.5%; Average loss: 1.2304  
Iteration: 2060; Percent complete: 51.5%; Average loss: 1.3018  
Iteration: 2061; Percent complete: 51.5%; Average loss: 1.1261  
Iteration: 2062; Percent complete: 51.5%; Average loss: 1.1907  
Iteration: 2063; Percent complete: 51.6%; Average loss: 1.1432  
Iteration: 2064; Percent complete: 51.6%; Average loss: 1.3060  
Iteration: 2065; Percent complete: 51.6%; Average loss: 1.2461  
Iteration: 2066; Percent complete: 51.6%; Average loss: 1.3265  
Iteration: 2067; Percent complete: 51.7%; Average loss: 1.0788  
Iteration: 2068; Percent complete: 51.7%; Average loss: 1.0778  
Iteration: 2069; Percent complete: 51.7%; Average loss: 1.0146  
Iteration: 2070; Percent complete: 51.7%; Average loss: 1.3149  
Iteration: 2071; Percent complete: 51.8%; Average loss: 1.2640  
Iteration: 2072; Percent complete: 51.8%; Average loss: 1.3582  
Iteration: 2073; Percent complete: 51.8%; Average loss: 1.2029  
Iteration: 2074; Percent complete: 51.8%; Average loss: 1.3383  
Iteration: 2075; Percent complete: 51.9%; Average loss: 1.1161  
Iteration: 2076; Percent complete: 51.9%; Average loss: 1.1243  
Iteration: 2077; Percent complete: 51.9%; Average loss: 1.2322  
Iteration: 2078; Percent complete: 51.9%; Average loss: 1.0898  
Iteration: 2079; Percent complete: 52.0%; Average loss: 0.9636  
Iteration: 2080; Percent complete: 52.0%; Average loss: 1.3296  
Iteration: 2081; Percent complete: 52.0%; Average loss: 1.3210  
Iteration: 2082; Percent complete: 52.0%; Average loss: 1.2557  
Iteration: 2083; Percent complete: 52.1%; Average loss: 1.2598  
Iteration: 2084; Percent complete: 52.1%; Average loss: 1.1814  
Iteration: 2085; Percent complete: 52.1%; Average loss: 1.0810  
Iteration: 2086; Percent complete: 52.1%; Average loss: 1.2966  
Iteration: 2087; Percent complete: 52.2%; Average loss: 0.8673  
Iteration: 2088; Percent complete: 52.2%; Average loss: 1.1114  
Iteration: 2089; Percent complete: 52.2%; Average loss: 1.2224  
Iteration: 2090; Percent complete: 52.2%; Average loss: 1.1373  
Iteration: 2091; Percent complete: 52.3%; Average loss: 1.0838  
Iteration: 2092; Percent complete: 52.3%; Average loss: 1.1665  
Iteration: 2093; Percent complete: 52.3%; Average loss: 1.2134  
Iteration: 2094; Percent complete: 52.3%; Average loss: 1.3288  
Iteration: 2095; Percent complete: 52.4%; Average loss: 0.9913  
Iteration: 2096; Percent complete: 52.4%; Average loss: 1.1767  
Iteration: 2097; Percent complete: 52.4%; Average loss: 1.1079  
Iteration: 2098; Percent complete: 52.4%; Average loss: 1.1204  
Iteration: 2099; Percent complete: 52.5%; Average loss: 1.2942  
Iteration: 2100; Percent complete: 52.5%; Average loss: 1.1751  
Iteration: 2101; Percent complete: 52.5%; Average loss: 1.0469  
Iteration: 2102; Percent complete: 52.5%; Average loss: 1.2273  
Iteration: 2103; Percent complete: 52.6%; Average loss: 1.2734  
Iteration: 2104; Percent complete: 52.6%; Average loss: 1.2031  
Iteration: 2105; Percent complete: 52.6%; Average loss: 1.1151  
Iteration: 2106; Percent complete: 52.6%; Average loss: 1.0700  
Iteration: 2107; Percent complete: 52.7%; Average loss: 1.1168  
Iteration: 2108; Percent complete: 52.7%; Average loss: 0.9965  
Iteration: 2109; Percent complete: 52.7%; Average loss: 1.1232



Iteration: 2110; Percent complete: 52.8%; Average loss: 1.2570  
Iteration: 2111; Percent complete: 52.8%; Average loss: 1.1460  
Iteration: 2112; Percent complete: 52.8%; Average loss: 1.1788  
Iteration: 2113; Percent complete: 52.8%; Average loss: 1.1369  
Iteration: 2114; Percent complete: 52.8%; Average loss: 1.2667  
Iteration: 2115; Percent complete: 52.9%; Average loss: 1.2553  
Iteration: 2116; Percent complete: 52.9%; Average loss: 1.3285  
Iteration: 2117; Percent complete: 52.9%; Average loss: 1.1434  
Iteration: 2118; Percent complete: 52.9%; Average loss: 1.1284  
Iteration: 2119; Percent complete: 53.0%; Average loss: 1.1199  
Iteration: 2120; Percent complete: 53.0%; Average loss: 1.1730  
Iteration: 2121; Percent complete: 53.0%; Average loss: 1.1051  
Iteration: 2122; Percent complete: 53.0%; Average loss: 1.0728  
Iteration: 2123; Percent complete: 53.1%; Average loss: 0.8601  
Iteration: 2124; Percent complete: 53.1%; Average loss: 1.1031  
Iteration: 2125; Percent complete: 53.1%; Average loss: 1.2149  
Iteration: 2126; Percent complete: 53.1%; Average loss: 1.2637  
Iteration: 2127; Percent complete: 53.2%; Average loss: 1.2228  
Iteration: 2128; Percent complete: 53.2%; Average loss: 1.1429  
Iteration: 2129; Percent complete: 53.2%; Average loss: 1.1105  
Iteration: 2130; Percent complete: 53.2%; Average loss: 1.1968  
Iteration: 2131; Percent complete: 53.3%; Average loss: 0.9715  
Iteration: 2132; Percent complete: 53.3%; Average loss: 1.1573  
Iteration: 2133; Percent complete: 53.3%; Average loss: 1.3218  
Iteration: 2134; Percent complete: 53.3%; Average loss: 1.0972  
Iteration: 2135; Percent complete: 53.4%; Average loss: 1.0965  
Iteration: 2136; Percent complete: 53.4%; Average loss: 1.2914  
Iteration: 2137; Percent complete: 53.4%; Average loss: 1.3201  
Iteration: 2138; Percent complete: 53.4%; Average loss: 1.0217  
Iteration: 2139; Percent complete: 53.5%; Average loss: 0.9985  
Iteration: 2140; Percent complete: 53.5%; Average loss: 1.0822  
Iteration: 2141; Percent complete: 53.5%; Average loss: 1.3274  
Iteration: 2142; Percent complete: 53.5%; Average loss: 1.1982  
Iteration: 2143; Percent complete: 53.6%; Average loss: 1.0387  
Iteration: 2144; Percent complete: 53.6%; Average loss: 1.1570  
Iteration: 2145; Percent complete: 53.6%; Average loss: 0.9647  
Iteration: 2146; Percent complete: 53.6%; Average loss: 0.9363  
Iteration: 2147; Percent complete: 53.7%; Average loss: 1.1679  
Iteration: 2148; Percent complete: 53.7%; Average loss: 1.1085  
Iteration: 2149; Percent complete: 53.7%; Average loss: 1.1631  
Iteration: 2150; Percent complete: 53.8%; Average loss: 1.0524  
Iteration: 2151; Percent complete: 53.8%; Average loss: 1.1204  
Iteration: 2152; Percent complete: 53.8%; Average loss: 1.0689  
Iteration: 2153; Percent complete: 53.8%; Average loss: 1.0382  
Iteration: 2154; Percent complete: 53.8%; Average loss: 1.4023  
Iteration: 2155; Percent complete: 53.9%; Average loss: 1.1275  
Iteration: 2156; Percent complete: 53.9%; Average loss: 1.1236  
Iteration: 2157; Percent complete: 53.9%; Average loss: 1.2956  
Iteration: 2158; Percent complete: 53.9%; Average loss: 1.2387  
Iteration: 2159; Percent complete: 54.0%; Average loss: 1.0833  
Iteration: 2160; Percent complete: 54.0%; Average loss: 1.4246  
Iteration: 2161; Percent complete: 54.0%; Average loss: 1.0989  
Iteration: 2162; Percent complete: 54.0%; Average loss: 1.1167  
Iteration: 2163; Percent complete: 54.1%; Average loss: 1.2279  
Iteration: 2164; Percent complete: 54.1%; Average loss: 1.1123  
Iteration: 2165; Percent complete: 54.1%; Average loss: 1.0711  
Iteration: 2166; Percent complete: 54.1%; Average loss: 1.1239  
Iteration: 2167; Percent complete: 54.2%; Average loss: 1.3044  
Iteration: 2168; Percent complete: 54.2%; Average loss: 1.0843  
Iteration: 2169; Percent complete: 54.2%; Average loss: 1.4084  
Iteration: 2170; Percent complete: 54.2%; Average loss: 1.0772  
Iteration: 2171; Percent complete: 54.3%; Average loss: 1.1312  
Iteration: 2172; Percent complete: 54.3%; Average loss: 1.1932  
Iteration: 2173; Percent complete: 54.3%; Average loss: 1.1248  
Iteration: 2174; Percent complete: 54.4%; Average loss: 1.3067  
Iteration: 2175; Percent complete: 54.4%; Average loss: 1.3898  
Iteration: 2176; Percent complete: 54.4%; Average loss: 1.1443  
Iteration: 2177; Percent complete: 54.4%; Average loss: 1.3759  
Iteration: 2178; Percent complete: 54.4%; Average loss: 1.0765  
Iteration: 2179; Percent complete: 54.5%; Average loss: 1.1641  
Iteration: 2180; Percent complete: 54.5%; Average loss: 1.0781  
Iteration: 2181; Percent complete: 54.5%; Average loss: 1.0989  
Iteration: 2182; Percent complete: 54.5%; Average loss: 1.1369  
Iteration: 2183; Percent complete: 54.6%; Average loss: 1.1896  
Iteration: 2184; Percent complete: 54.6%; Average loss: 1.0692  
Iteration: 2185; Percent complete: 54.6%; Average loss: 1.3383  
Iteration: 2186; Percent complete: 54.6%; Average loss: 1.2853  
Iteration: 2187; Percent complete: 54.7%; Average loss: 1.1019  
Iteration: 2188; Percent complete: 54.7%; Average loss: 1.2335  
Iteration: 2189; Percent complete: 54.7%; Average loss: 0.9705  
Iteration: 2190; Percent complete: 54.8%; Average loss: 0.9562  
Iteration: 2191; Percent complete: 54.8%; Average loss: 1.1509  
Iteration: 2192; Percent complete: 54.8%; Average loss: 1.4283  
Iteration: 2193; Percent complete: 54.8%; Average loss: 1.1961  
Iteration: 2194; Percent complete: 54.9%; Average loss: 1.0857  
Iteration: 2195; Percent complete: 54.9%; Average loss: 1.0859  
Iteration: 2196; Percent complete: 54.9%; Average loss: 1.0598  
Iteration: 2197; Percent complete: 54.9%; Average loss: 1.2234  
Iteration: 2198; Percent complete: 54.9%; Average loss: 1.3818  
Iteration: 2199; Percent complete: 55.0%; Average loss: 1.0875  
Iteration: 2200; Percent complete: 55.0%; Average loss: 1.2233

Iteration: 2201; Percent complete: 55.0%; Average loss: 1.2130  
Iteration: 2202; Percent complete: 55.0%; Average loss: 1.1124  
Iteration: 2203; Percent complete: 55.1%; Average loss: 1.2143  
Iteration: 2204; Percent complete: 55.1%; Average loss: 1.0608  
Iteration: 2205; Percent complete: 55.1%; Average loss: 1.1839  
Iteration: 2206; Percent complete: 55.1%; Average loss: 1.2251  
Iteration: 2207; Percent complete: 55.2%; Average loss: 1.3036  
Iteration: 2208; Percent complete: 55.2%; Average loss: 0.9292  
Iteration: 2209; Percent complete: 55.2%; Average loss: 1.2070  
Iteration: 2210; Percent complete: 55.2%; Average loss: 0.8360  
Iteration: 2211; Percent complete: 55.3%; Average loss: 1.2444  
Iteration: 2212; Percent complete: 55.3%; Average loss: 1.1515  
Iteration: 2213; Percent complete: 55.3%; Average loss: 1.0882  
Iteration: 2214; Percent complete: 55.4%; Average loss: 1.0926  
Iteration: 2215; Percent complete: 55.4%; Average loss: 1.3937  
Iteration: 2216; Percent complete: 55.4%; Average loss: 1.1398  
Iteration: 2217; Percent complete: 55.4%; Average loss: 0.9242  
Iteration: 2218; Percent complete: 55.5%; Average loss: 1.0455  
Iteration: 2219; Percent complete: 55.5%; Average loss: 1.3161  
Iteration: 2220; Percent complete: 55.5%; Average loss: 1.2140  
Iteration: 2221; Percent complete: 55.5%; Average loss: 1.2068  
Iteration: 2222; Percent complete: 55.5%; Average loss: 1.2043  
Iteration: 2223; Percent complete: 55.6%; Average loss: 1.2418  
Iteration: 2224; Percent complete: 55.6%; Average loss: 1.0848  
Iteration: 2225; Percent complete: 55.6%; Average loss: 1.1419  
Iteration: 2226; Percent complete: 55.6%; Average loss: 1.0905  
Iteration: 2227; Percent complete: 55.7%; Average loss: 1.0801  
Iteration: 2228; Percent complete: 55.7%; Average loss: 0.9724  
Iteration: 2229; Percent complete: 55.7%; Average loss: 1.0320  
Iteration: 2230; Percent complete: 55.8%; Average loss: 1.3583  
Iteration: 2231; Percent complete: 55.8%; Average loss: 1.3311  
Iteration: 2232; Percent complete: 55.8%; Average loss: 1.0328  
Iteration: 2233; Percent complete: 55.8%; Average loss: 1.1629  
Iteration: 2234; Percent complete: 55.9%; Average loss: 1.3150  
Iteration: 2235; Percent complete: 55.9%; Average loss: 1.5333  
Iteration: 2236; Percent complete: 55.9%; Average loss: 0.9941  
Iteration: 2237; Percent complete: 55.9%; Average loss: 1.1696  
Iteration: 2238; Percent complete: 56.0%; Average loss: 1.4056  
Iteration: 2239; Percent complete: 56.0%; Average loss: 0.9356  
Iteration: 2240; Percent complete: 56.0%; Average loss: 1.1760  
Iteration: 2241; Percent complete: 56.0%; Average loss: 1.0880  
Iteration: 2242; Percent complete: 56.0%; Average loss: 1.1884  
Iteration: 2243; Percent complete: 56.1%; Average loss: 1.1961  
Iteration: 2244; Percent complete: 56.1%; Average loss: 1.1105  
Iteration: 2245; Percent complete: 56.1%; Average loss: 1.1022  
Iteration: 2246; Percent complete: 56.1%; Average loss: 1.0764  
Iteration: 2247; Percent complete: 56.2%; Average loss: 1.0399  
Iteration: 2248; Percent complete: 56.2%; Average loss: 1.2869  
Iteration: 2249; Percent complete: 56.2%; Average loss: 1.2873  
Iteration: 2250; Percent complete: 56.2%; Average loss: 1.2769  
Iteration: 2251; Percent complete: 56.3%; Average loss: 1.0799  
Iteration: 2252; Percent complete: 56.3%; Average loss: 0.9980  
Iteration: 2253; Percent complete: 56.3%; Average loss: 1.2717  
Iteration: 2254; Percent complete: 56.4%; Average loss: 1.0954  
Iteration: 2255; Percent complete: 56.4%; Average loss: 1.1298  
Iteration: 2256; Percent complete: 56.4%; Average loss: 1.2006  
Iteration: 2257; Percent complete: 56.4%; Average loss: 1.0765  
Iteration: 2258; Percent complete: 56.5%; Average loss: 1.2751  
Iteration: 2259; Percent complete: 56.5%; Average loss: 1.1804  
Iteration: 2260; Percent complete: 56.5%; Average loss: 1.2177  
Iteration: 2261; Percent complete: 56.5%; Average loss: 1.1010  
Iteration: 2262; Percent complete: 56.5%; Average loss: 1.2199  
Iteration: 2263; Percent complete: 56.6%; Average loss: 1.2109  
Iteration: 2264; Percent complete: 56.6%; Average loss: 1.0813  
Iteration: 2265; Percent complete: 56.6%; Average loss: 1.3588  
Iteration: 2266; Percent complete: 56.6%; Average loss: 1.2074  
Iteration: 2267; Percent complete: 56.7%; Average loss: 1.2678  
Iteration: 2268; Percent complete: 56.7%; Average loss: 1.3079  
Iteration: 2269; Percent complete: 56.7%; Average loss: 1.1818  
Iteration: 2270; Percent complete: 56.8%; Average loss: 1.5268  
Iteration: 2271; Percent complete: 56.8%; Average loss: 1.4994  
Iteration: 2272; Percent complete: 56.8%; Average loss: 1.3476  
Iteration: 2273; Percent complete: 56.8%; Average loss: 1.2489  
Iteration: 2274; Percent complete: 56.9%; Average loss: 1.2085  
Iteration: 2275; Percent complete: 56.9%; Average loss: 1.2792  
Iteration: 2276; Percent complete: 56.9%; Average loss: 1.0688  
Iteration: 2277; Percent complete: 56.9%; Average loss: 1.2269  
Iteration: 2278; Percent complete: 57.0%; Average loss: 1.1001  
Iteration: 2279; Percent complete: 57.0%; Average loss: 1.4336  
Iteration: 2280; Percent complete: 57.0%; Average loss: 1.3001  
Iteration: 2281; Percent complete: 57.0%; Average loss: 1.1566  
Iteration: 2282; Percent complete: 57.0%; Average loss: 1.1299  
Iteration: 2283; Percent complete: 57.1%; Average loss: 1.0938  
Iteration: 2284; Percent complete: 57.1%; Average loss: 1.2397  
Iteration: 2285; Percent complete: 57.1%; Average loss: 1.2635  
Iteration: 2286; Percent complete: 57.1%; Average loss: 1.2581  
Iteration: 2287; Percent complete: 57.2%; Average loss: 1.1335  
Iteration: 2288; Percent complete: 57.2%; Average loss: 1.3211  
Iteration: 2289; Percent complete: 57.2%; Average loss: 1.0259  
Iteration: 2290; Percent complete: 57.2%; Average loss: 1.0933  
Iteration: 2291; Percent complete: 57.3%; Average loss: 1.0641  
Iteration: 2292; Percent complete: 57.3%; Average loss: 1.2002

Iteration: 2292; Percent complete: 57.3%; Average loss: 1.3002  
Iteration: 2293; Percent complete: 57.3%; Average loss: 1.1823  
Iteration: 2294; Percent complete: 57.4%; Average loss: 1.2171  
Iteration: 2295; Percent complete: 57.4%; Average loss: 1.1123  
Iteration: 2296; Percent complete: 57.4%; Average loss: 1.1935  
Iteration: 2297; Percent complete: 57.4%; Average loss: 1.2301  
Iteration: 2298; Percent complete: 57.5%; Average loss: 1.2102  
Iteration: 2299; Percent complete: 57.5%; Average loss: 1.3149  
Iteration: 2300; Percent complete: 57.5%; Average loss: 1.1853  
Iteration: 2301; Percent complete: 57.5%; Average loss: 1.1496  
Iteration: 2302; Percent complete: 57.6%; Average loss: 1.2328  
Iteration: 2303; Percent complete: 57.6%; Average loss: 1.0932  
Iteration: 2304; Percent complete: 57.6%; Average loss: 1.4680  
Iteration: 2305; Percent complete: 57.6%; Average loss: 1.1171  
Iteration: 2306; Percent complete: 57.6%; Average loss: 1.1197  
Iteration: 2307; Percent complete: 57.7%; Average loss: 0.9821  
Iteration: 2308; Percent complete: 57.7%; Average loss: 1.2747  
Iteration: 2309; Percent complete: 57.7%; Average loss: 1.0497  
Iteration: 2310; Percent complete: 57.8%; Average loss: 1.2330  
Iteration: 2311; Percent complete: 57.8%; Average loss: 1.0935  
Iteration: 2312; Percent complete: 57.8%; Average loss: 1.1422  
Iteration: 2313; Percent complete: 57.8%; Average loss: 1.2572  
Iteration: 2314; Percent complete: 57.9%; Average loss: 1.1670  
Iteration: 2315; Percent complete: 57.9%; Average loss: 1.1105  
Iteration: 2316; Percent complete: 57.9%; Average loss: 1.1395  
Iteration: 2317; Percent complete: 57.9%; Average loss: 1.2120  
Iteration: 2318; Percent complete: 58.0%; Average loss: 1.4855  
Iteration: 2319; Percent complete: 58.0%; Average loss: 0.9651  
Iteration: 2320; Percent complete: 58.0%; Average loss: 1.1596  
Iteration: 2321; Percent complete: 58.0%; Average loss: 0.9447  
Iteration: 2322; Percent complete: 58.1%; Average loss: 1.2570  
Iteration: 2323; Percent complete: 58.1%; Average loss: 1.1681  
Iteration: 2324; Percent complete: 58.1%; Average loss: 0.9892  
Iteration: 2325; Percent complete: 58.1%; Average loss: 1.1515  
Iteration: 2326; Percent complete: 58.1%; Average loss: 1.2387  
Iteration: 2327; Percent complete: 58.2%; Average loss: 1.1900  
Iteration: 2328; Percent complete: 58.2%; Average loss: 1.0913  
Iteration: 2329; Percent complete: 58.2%; Average loss: 1.3915  
Iteration: 2330; Percent complete: 58.2%; Average loss: 1.2688  
Iteration: 2331; Percent complete: 58.3%; Average loss: 1.2002  
Iteration: 2332; Percent complete: 58.3%; Average loss: 1.5609  
Iteration: 2333; Percent complete: 58.3%; Average loss: 1.2767  
Iteration: 2334; Percent complete: 58.4%; Average loss: 1.1978  
Iteration: 2335; Percent complete: 58.4%; Average loss: 0.9903  
Iteration: 2336; Percent complete: 58.4%; Average loss: 1.3461  
Iteration: 2337; Percent complete: 58.4%; Average loss: 1.2722  
Iteration: 2338; Percent complete: 58.5%; Average loss: 1.3343  
Iteration: 2339; Percent complete: 58.5%; Average loss: 1.2342  
Iteration: 2340; Percent complete: 58.5%; Average loss: 1.3423  
Iteration: 2341; Percent complete: 58.5%; Average loss: 1.1229  
Iteration: 2342; Percent complete: 58.6%; Average loss: 1.2631  
Iteration: 2343; Percent complete: 58.6%; Average loss: 1.0845  
Iteration: 2344; Percent complete: 58.6%; Average loss: 1.1108  
Iteration: 2345; Percent complete: 58.6%; Average loss: 1.2041  
Iteration: 2346; Percent complete: 58.7%; Average loss: 1.1873  
Iteration: 2347; Percent complete: 58.7%; Average loss: 1.1221  
Iteration: 2348; Percent complete: 58.7%; Average loss: 1.1090  
Iteration: 2349; Percent complete: 58.7%; Average loss: 1.1823  
Iteration: 2350; Percent complete: 58.8%; Average loss: 1.2860  
Iteration: 2351; Percent complete: 58.8%; Average loss: 0.9947  
Iteration: 2352; Percent complete: 58.8%; Average loss: 1.1245  
Iteration: 2353; Percent complete: 58.8%; Average loss: 1.1886  
Iteration: 2354; Percent complete: 58.9%; Average loss: 1.1992  
Iteration: 2355; Percent complete: 58.9%; Average loss: 0.9004  
Iteration: 2356; Percent complete: 58.9%; Average loss: 1.2249  
Iteration: 2357; Percent complete: 58.9%; Average loss: 1.2783  
Iteration: 2358; Percent complete: 59.0%; Average loss: 1.2945  
Iteration: 2359; Percent complete: 59.0%; Average loss: 1.0766  
Iteration: 2360; Percent complete: 59.0%; Average loss: 0.9967  
Iteration: 2361; Percent complete: 59.0%; Average loss: 1.1344  
Iteration: 2362; Percent complete: 59.1%; Average loss: 1.1039  
Iteration: 2363; Percent complete: 59.1%; Average loss: 0.8679  
Iteration: 2364; Percent complete: 59.1%; Average loss: 1.2193  
Iteration: 2365; Percent complete: 59.1%; Average loss: 1.1581  
Iteration: 2366; Percent complete: 59.2%; Average loss: 1.1512  
Iteration: 2367; Percent complete: 59.2%; Average loss: 1.0300  
Iteration: 2368; Percent complete: 59.2%; Average loss: 0.9530  
Iteration: 2369; Percent complete: 59.2%; Average loss: 1.2586  
Iteration: 2370; Percent complete: 59.2%; Average loss: 1.2125  
Iteration: 2371; Percent complete: 59.3%; Average loss: 1.1050  
Iteration: 2372; Percent complete: 59.3%; Average loss: 1.3448  
Iteration: 2373; Percent complete: 59.3%; Average loss: 0.9337  
Iteration: 2374; Percent complete: 59.4%; Average loss: 1.1067  
Iteration: 2375; Percent complete: 59.4%; Average loss: 1.2310  
Iteration: 2376; Percent complete: 59.4%; Average loss: 1.1664  
Iteration: 2377; Percent complete: 59.4%; Average loss: 1.2945  
Iteration: 2378; Percent complete: 59.5%; Average loss: 1.1585  
Iteration: 2379; Percent complete: 59.5%; Average loss: 1.0980  
Iteration: 2380; Percent complete: 59.5%; Average loss: 0.9679  
Iteration: 2381; Percent complete: 59.5%; Average loss: 1.2369  
Iteration: 2382; Percent complete: 59.6%; Average loss: 1.0581  
Iteration: 2383; Percent complete: 59.6%; Average loss: 1.2363

|            |       |         |           |        |         |       |        |
|------------|-------|---------|-----------|--------|---------|-------|--------|
| Iteration: | 2384; | Percent | complete: | 59.6%; | Average | loss: | 1.0958 |
| Iteration: | 2385; | Percent | complete: | 59.6%; | Average | loss: | 1.2369 |
| Iteration: | 2386; | Percent | complete: | 59.7%; | Average | loss: | 1.0276 |
| Iteration: | 2387; | Percent | complete: | 59.7%; | Average | loss: | 1.0206 |
| Iteration: | 2388; | Percent | complete: | 59.7%; | Average | loss: | 1.2889 |
| Iteration: | 2389; | Percent | complete: | 59.7%; | Average | loss: | 1.2698 |
| Iteration: | 2390; | Percent | complete: | 59.8%; | Average | loss: | 1.0533 |
| Iteration: | 2391; | Percent | complete: | 59.8%; | Average | loss: | 1.2195 |
| Iteration: | 2392; | Percent | complete: | 59.8%; | Average | loss: | 1.0696 |
| Iteration: | 2393; | Percent | complete: | 59.8%; | Average | loss: | 1.1466 |
| Iteration: | 2394; | Percent | complete: | 59.9%; | Average | loss: | 1.2669 |
| Iteration: | 2395; | Percent | complete: | 59.9%; | Average | loss: | 1.0497 |
| Iteration: | 2396; | Percent | complete: | 59.9%; | Average | loss: | 1.2277 |
| Iteration: | 2397; | Percent | complete: | 59.9%; | Average | loss: | 1.1610 |
| Iteration: | 2398; | Percent | complete: | 60.0%; | Average | loss: | 1.1732 |
| Iteration: | 2399; | Percent | complete: | 60.0%; | Average | loss: | 1.3088 |
| Iteration: | 2400; | Percent | complete: | 60.0%; | Average | loss: | 1.2514 |
| Iteration: | 2401; | Percent | complete: | 60.0%; | Average | loss: | 1.0544 |
| Iteration: | 2402; | Percent | complete: | 60.1%; | Average | loss: | 1.0946 |
| Iteration: | 2403; | Percent | complete: | 60.1%; | Average | loss: | 1.2146 |
| Iteration: | 2404; | Percent | complete: | 60.1%; | Average | loss: | 1.2867 |
| Iteration: | 2405; | Percent | complete: | 60.1%; | Average | loss: | 1.0562 |
| Iteration: | 2406; | Percent | complete: | 60.2%; | Average | loss: | 1.1483 |
| Iteration: | 2407; | Percent | complete: | 60.2%; | Average | loss: | 1.1748 |
| Iteration: | 2408; | Percent | complete: | 60.2%; | Average | loss: | 1.2045 |
| Iteration: | 2409; | Percent | complete: | 60.2%; | Average | loss: | 1.2648 |
| Iteration: | 2410; | Percent | complete: | 60.2%; | Average | loss: | 1.2129 |
| Iteration: | 2411; | Percent | complete: | 60.3%; | Average | loss: | 1.1193 |
| Iteration: | 2412; | Percent | complete: | 60.3%; | Average | loss: | 1.2824 |
| Iteration: | 2413; | Percent | complete: | 60.3%; | Average | loss: | 1.2082 |
| Iteration: | 2414; | Percent | complete: | 60.4%; | Average | loss: | 1.1196 |
| Iteration: | 2415; | Percent | complete: | 60.4%; | Average | loss: | 0.9364 |
| Iteration: | 2416; | Percent | complete: | 60.4%; | Average | loss: | 1.1312 |
| Iteration: | 2417; | Percent | complete: | 60.4%; | Average | loss: | 1.2475 |
| Iteration: | 2418; | Percent | complete: | 60.5%; | Average | loss: | 1.2439 |
| Iteration: | 2419; | Percent | complete: | 60.5%; | Average | loss: | 1.2202 |
| Iteration: | 2420; | Percent | complete: | 60.5%; | Average | loss: | 1.1176 |
| Iteration: | 2421; | Percent | complete: | 60.5%; | Average | loss: | 1.1092 |
| Iteration: | 2422; | Percent | complete: | 60.6%; | Average | loss: | 1.2417 |
| Iteration: | 2423; | Percent | complete: | 60.6%; | Average | loss: | 1.1918 |
| Iteration: | 2424; | Percent | complete: | 60.6%; | Average | loss: | 1.0579 |
| Iteration: | 2425; | Percent | complete: | 60.6%; | Average | loss: | 1.1122 |
| Iteration: | 2426; | Percent | complete: | 60.7%; | Average | loss: | 1.1443 |
| Iteration: | 2427; | Percent | complete: | 60.7%; | Average | loss: | 1.0302 |
| Iteration: | 2428; | Percent | complete: | 60.7%; | Average | loss: | 1.1772 |
| Iteration: | 2429; | Percent | complete: | 60.7%; | Average | loss: | 1.1042 |
| Iteration: | 2430; | Percent | complete: | 60.8%; | Average | loss: | 1.1184 |
| Iteration: | 2431; | Percent | complete: | 60.8%; | Average | loss: | 1.2993 |
| Iteration: | 2432; | Percent | complete: | 60.8%; | Average | loss: | 1.2596 |
| Iteration: | 2433; | Percent | complete: | 60.8%; | Average | loss: | 1.0249 |
| Iteration: | 2434; | Percent | complete: | 60.9%; | Average | loss: | 1.1134 |
| Iteration: | 2435; | Percent | complete: | 60.9%; | Average | loss: | 1.1863 |
| Iteration: | 2436; | Percent | complete: | 60.9%; | Average | loss: | 1.1453 |
| Iteration: | 2437; | Percent | complete: | 60.9%; | Average | loss: | 0.9933 |
| Iteration: | 2438; | Percent | complete: | 61.0%; | Average | loss: | 1.1622 |
| Iteration: | 2439; | Percent | complete: | 61.0%; | Average | loss: | 1.1076 |
| Iteration: | 2440; | Percent | complete: | 61.0%; | Average | loss: | 1.1169 |
| Iteration: | 2441; | Percent | complete: | 61.0%; | Average | loss: | 1.0062 |
| Iteration: | 2442; | Percent | complete: | 61.1%; | Average | loss: | 1.1126 |
| Iteration: | 2443; | Percent | complete: | 61.1%; | Average | loss: | 1.1283 |
| Iteration: | 2444; | Percent | complete: | 61.1%; | Average | loss: | 1.1454 |
| Iteration: | 2445; | Percent | complete: | 61.1%; | Average | loss: | 1.0357 |
| Iteration: | 2446; | Percent | complete: | 61.2%; | Average | loss: | 1.1366 |
| Iteration: | 2447; | Percent | complete: | 61.2%; | Average | loss: | 1.0773 |

Iteration: 2475; Percent complete: 61.9%; Average loss: 1.0516  
Iteration: 2476; Percent complete: 61.9%; Average loss: 0.9732  
Iteration: 2477; Percent complete: 61.9%; Average loss: 1.3424  
Iteration: 2478; Percent complete: 62.0%; Average loss: 1.4077  
Iteration: 2479; Percent complete: 62.0%; Average loss: 1.2885  
Iteration: 2480; Percent complete: 62.0%; Average loss: 1.2393  
Iteration: 2481; Percent complete: 62.0%; Average loss: 1.1862  
Iteration: 2482; Percent complete: 62.1%; Average loss: 1.3636  
Iteration: 2483; Percent complete: 62.1%; Average loss: 1.1290  
Iteration: 2484; Percent complete: 62.1%; Average loss: 1.2216  
Iteration: 2485; Percent complete: 62.1%; Average loss: 1.0104  
Iteration: 2486; Percent complete: 62.2%; Average loss: 1.0592  
Iteration: 2487; Percent complete: 62.2%; Average loss: 1.1142  
Iteration: 2488; Percent complete: 62.2%; Average loss: 1.1867  
Iteration: 2489; Percent complete: 62.2%; Average loss: 1.0853  
Iteration: 2490; Percent complete: 62.3%; Average loss: 1.1871  
Iteration: 2491; Percent complete: 62.3%; Average loss: 1.2808  
Iteration: 2492; Percent complete: 62.3%; Average loss: 1.0957  
Iteration: 2493; Percent complete: 62.3%; Average loss: 1.3252  
Iteration: 2494; Percent complete: 62.4%; Average loss: 1.0163  
Iteration: 2495; Percent complete: 62.4%; Average loss: 1.1725  
Iteration: 2496; Percent complete: 62.4%; Average loss: 1.2845  
Iteration: 2497; Percent complete: 62.4%; Average loss: 1.1119  
Iteration: 2498; Percent complete: 62.5%; Average loss: 1.1358  
Iteration: 2499; Percent complete: 62.5%; Average loss: 1.2243  
Iteration: 2500; Percent complete: 62.5%; Average loss: 0.9037  
Iteration: 2501; Percent complete: 62.5%; Average loss: 1.3558  
Iteration: 2502; Percent complete: 62.5%; Average loss: 1.2049  
Iteration: 2503; Percent complete: 62.6%; Average loss: 1.0551  
Iteration: 2504; Percent complete: 62.6%; Average loss: 1.0722  
Iteration: 2505; Percent complete: 62.6%; Average loss: 1.0360  
Iteration: 2506; Percent complete: 62.6%; Average loss: 1.0843  
Iteration: 2507; Percent complete: 62.7%; Average loss: 1.1056  
Iteration: 2508; Percent complete: 62.7%; Average loss: 1.0915  
Iteration: 2509; Percent complete: 62.7%; Average loss: 1.2526  
Iteration: 2510; Percent complete: 62.7%; Average loss: 1.1569  
Iteration: 2511; Percent complete: 62.8%; Average loss: 1.1612  
Iteration: 2512; Percent complete: 62.8%; Average loss: 1.1305  
Iteration: 2513; Percent complete: 62.8%; Average loss: 1.1929  
Iteration: 2514; Percent complete: 62.8%; Average loss: 1.2028  
Iteration: 2515; Percent complete: 62.9%; Average loss: 1.3311  
Iteration: 2516; Percent complete: 62.9%; Average loss: 1.1151  
Iteration: 2517; Percent complete: 62.9%; Average loss: 1.3002  
Iteration: 2518; Percent complete: 62.9%; Average loss: 1.1866  
Iteration: 2519; Percent complete: 63.0%; Average loss: 1.0294  
Iteration: 2520; Percent complete: 63.0%; Average loss: 1.3812  
Iteration: 2521; Percent complete: 63.0%; Average loss: 0.9449  
Iteration: 2522; Percent complete: 63.0%; Average loss: 1.1181  
Iteration: 2523; Percent complete: 63.1%; Average loss: 0.9874  
Iteration: 2524; Percent complete: 63.1%; Average loss: 1.1554  
Iteration: 2525; Percent complete: 63.1%; Average loss: 1.3458  
Iteration: 2526; Percent complete: 63.1%; Average loss: 1.1485  
Iteration: 2527; Percent complete: 63.2%; Average loss: 1.1860  
Iteration: 2528; Percent complete: 63.2%; Average loss: 1.3352  
Iteration: 2529; Percent complete: 63.2%; Average loss: 1.2223  
Iteration: 2530; Percent complete: 63.2%; Average loss: 1.0588  
Iteration: 2531; Percent complete: 63.3%; Average loss: 1.1958  
Iteration: 2532; Percent complete: 63.3%; Average loss: 1.1456  
Iteration: 2533; Percent complete: 63.3%; Average loss: 1.2221  
Iteration: 2534; Percent complete: 63.3%; Average loss: 1.1950  
Iteration: 2535; Percent complete: 63.4%; Average loss: 1.1267  
Iteration: 2536; Percent complete: 63.4%; Average loss: 1.1285  
Iteration: 2537; Percent complete: 63.4%; Average loss: 1.1146  
Iteration: 2538; Percent complete: 63.4%; Average loss: 1.1596  
Iteration: 2539; Percent complete: 63.5%; Average loss: 1.2212  
Iteration: 2540; Percent complete: 63.5%; Average loss: 1.3454  
Iteration: 2541; Percent complete: 63.5%; Average loss: 1.0682  
Iteration: 2542; Percent complete: 63.5%; Average loss: 1.0693  
Iteration: 2543; Percent complete: 63.6%; Average loss: 1.1672  
Iteration: 2544; Percent complete: 63.6%; Average loss: 1.1069  
Iteration: 2545; Percent complete: 63.6%; Average loss: 1.2132  
Iteration: 2546; Percent complete: 63.6%; Average loss: 1.1646  
Iteration: 2547; Percent complete: 63.7%; Average loss: 1.0727  
Iteration: 2548; Percent complete: 63.7%; Average loss: 1.2265  
Iteration: 2549; Percent complete: 63.7%; Average loss: 1.1811  
Iteration: 2550; Percent complete: 63.7%; Average loss: 1.3068  
Iteration: 2551; Percent complete: 63.8%; Average loss: 1.2757  
Iteration: 2552; Percent complete: 63.8%; Average loss: 1.3001  
Iteration: 2553; Percent complete: 63.8%; Average loss: 1.2185  
Iteration: 2554; Percent complete: 63.8%; Average loss: 1.1099  
Iteration: 2555; Percent complete: 63.9%; Average loss: 1.2352  
Iteration: 2556; Percent complete: 63.9%; Average loss: 1.1168  
Iteration: 2557; Percent complete: 63.9%; Average loss: 1.2617  
Iteration: 2558; Percent complete: 63.9%; Average loss: 1.2734  
Iteration: 2559; Percent complete: 64.0%; Average loss: 1.1510  
Iteration: 2560; Percent complete: 64.0%; Average loss: 1.2081  
Iteration: 2561; Percent complete: 64.0%; Average loss: 1.0674  
Iteration: 2562; Percent complete: 64.0%; Average loss: 1.3985  
Iteration: 2563; Percent complete: 64.1%; Average loss: 1.2275  
Iteration: 2564; Percent complete: 64.1%; Average loss: 0.9328  
Iteration: 2565; Percent complete: 64.1%; Average loss: 0.9763

Iteration: 2566; Percent complete: 64.1%; Average loss: 0.9980  
Iteration: 2567; Percent complete: 64.2%; Average loss: 1.1682  
Iteration: 2568; Percent complete: 64.2%; Average loss: 0.9295  
Iteration: 2569; Percent complete: 64.2%; Average loss: 1.1332  
Iteration: 2570; Percent complete: 64.2%; Average loss: 1.1797  
Iteration: 2571; Percent complete: 64.3%; Average loss: 1.1347  
Iteration: 2572; Percent complete: 64.3%; Average loss: 1.1144  
Iteration: 2573; Percent complete: 64.3%; Average loss: 1.1502  
Iteration: 2574; Percent complete: 64.3%; Average loss: 1.2964  
Iteration: 2575; Percent complete: 64.4%; Average loss: 1.1892  
Iteration: 2576; Percent complete: 64.4%; Average loss: 1.1237  
Iteration: 2577; Percent complete: 64.4%; Average loss: 1.3944  
Iteration: 2578; Percent complete: 64.5%; Average loss: 1.1685  
Iteration: 2579; Percent complete: 64.5%; Average loss: 1.1149  
Iteration: 2580; Percent complete: 64.5%; Average loss: 1.0879  
Iteration: 2581; Percent complete: 64.5%; Average loss: 1.3721  
Iteration: 2582; Percent complete: 64.5%; Average loss: 0.9410  
Iteration: 2583; Percent complete: 64.6%; Average loss: 1.2826  
Iteration: 2584; Percent complete: 64.6%; Average loss: 1.2652  
Iteration: 2585; Percent complete: 64.6%; Average loss: 0.9233  
Iteration: 2586; Percent complete: 64.6%; Average loss: 1.2265  
Iteration: 2587; Percent complete: 64.7%; Average loss: 1.2431  
Iteration: 2588; Percent complete: 64.7%; Average loss: 1.0406  
Iteration: 2589; Percent complete: 64.7%; Average loss: 1.2837  
Iteration: 2590; Percent complete: 64.8%; Average loss: 1.0199  
Iteration: 2591; Percent complete: 64.8%; Average loss: 1.1163  
Iteration: 2592; Percent complete: 64.8%; Average loss: 1.2654  
Iteration: 2593; Percent complete: 64.8%; Average loss: 1.2813  
Iteration: 2594; Percent complete: 64.8%; Average loss: 1.1904  
Iteration: 2595; Percent complete: 64.9%; Average loss: 1.1905  
Iteration: 2596; Percent complete: 64.9%; Average loss: 1.2747  
Iteration: 2597; Percent complete: 64.9%; Average loss: 1.0526  
Iteration: 2598; Percent complete: 65.0%; Average loss: 1.0611  
Iteration: 2599; Percent complete: 65.0%; Average loss: 1.2149  
Iteration: 2600; Percent complete: 65.0%; Average loss: 1.3471  
Iteration: 2601; Percent complete: 65.0%; Average loss: 1.2721  
Iteration: 2602; Percent complete: 65.0%; Average loss: 0.9544  
Iteration: 2603; Percent complete: 65.1%; Average loss: 1.2171  
Iteration: 2604; Percent complete: 65.1%; Average loss: 0.9900  
Iteration: 2605; Percent complete: 65.1%; Average loss: 1.1435  
Iteration: 2606; Percent complete: 65.1%; Average loss: 1.1430  
Iteration: 2607; Percent complete: 65.2%; Average loss: 1.3330  
Iteration: 2608; Percent complete: 65.2%; Average loss: 1.1171  
Iteration: 2609; Percent complete: 65.2%; Average loss: 1.2353  
Iteration: 2610; Percent complete: 65.2%; Average loss: 1.1477  
Iteration: 2611; Percent complete: 65.3%; Average loss: 1.3164  
Iteration: 2612; Percent complete: 65.3%; Average loss: 1.1513  
Iteration: 2613; Percent complete: 65.3%; Average loss: 1.1670  
Iteration: 2614; Percent complete: 65.3%; Average loss: 1.2442  
Iteration: 2615; Percent complete: 65.4%; Average loss: 1.3221  
Iteration: 2616; Percent complete: 65.4%; Average loss: 1.1379  
Iteration: 2617; Percent complete: 65.4%; Average loss: 1.1412  
Iteration: 2618; Percent complete: 65.5%; Average loss: 1.1734  
Iteration: 2619; Percent complete: 65.5%; Average loss: 1.2513  
Iteration: 2620; Percent complete: 65.5%; Average loss: 1.2578  
Iteration: 2621; Percent complete: 65.5%; Average loss: 1.0801  
Iteration: 2622; Percent complete: 65.5%; Average loss: 1.2737  
Iteration: 2623; Percent complete: 65.6%; Average loss: 1.0679  
Iteration: 2624; Percent complete: 65.6%; Average loss: 1.1696  
Iteration: 2625; Percent complete: 65.6%; Average loss: 1.0945  
Iteration: 2626; Percent complete: 65.6%; Average loss: 1.1047  
Iteration: 2627; Percent complete: 65.7%; Average loss: 0.9689  
Iteration: 2628; Percent complete: 65.7%; Average loss: 1.1279  
Iteration: 2629; Percent complete: 65.7%; Average loss: 1.2356  
Iteration: 2630; Percent complete: 65.8%; Average loss: 1.1661  
Iteration: 2631; Percent complete: 65.8%; Average loss: 1.2380  
Iteration: 2632; Percent complete: 65.8%; Average loss: 1.3011  
Iteration: 2633; Percent complete: 65.8%; Average loss: 0.9490  
Iteration: 2634; Percent complete: 65.8%; Average loss: 1.1219  
Iteration: 2635; Percent complete: 65.9%; Average loss: 1.3642  
Iteration: 2636; Percent complete: 65.9%; Average loss: 1.0528  
Iteration: 2637; Percent complete: 65.9%; Average loss: 1.0146  
Iteration: 2638; Percent complete: 66.0%; Average loss: 1.0834  
Iteration: 2639; Percent complete: 66.0%; Average loss: 1.0466  
Iteration: 2640; Percent complete: 66.0%; Average loss: 1.2274  
Iteration: 2641; Percent complete: 66.0%; Average loss: 1.1633  
Iteration: 2642; Percent complete: 66.0%; Average loss: 1.2580  
Iteration: 2643; Percent complete: 66.1%; Average loss: 1.0822  
Iteration: 2644; Percent complete: 66.1%; Average loss: 1.1275  
Iteration: 2645; Percent complete: 66.1%; Average loss: 1.1344  
Iteration: 2646; Percent complete: 66.1%; Average loss: 1.3031  
Iteration: 2647; Percent complete: 66.2%; Average loss: 1.1925  
Iteration: 2648; Percent complete: 66.2%; Average loss: 1.3527  
Iteration: 2649; Percent complete: 66.2%; Average loss: 1.1987  
Iteration: 2650; Percent complete: 66.2%; Average loss: 1.1862  
Iteration: 2651; Percent complete: 66.3%; Average loss: 1.2684  
Iteration: 2652; Percent complete: 66.3%; Average loss: 1.1603  
Iteration: 2653; Percent complete: 66.3%; Average loss: 1.1780  
Iteration: 2654; Percent complete: 66.3%; Average loss: 1.1950  
Iteration: 2655; Percent complete: 66.4%; Average loss: 1.1472  
Iteration: 2656; Percent complete: 66.4%; Average loss: 1.2443  
Iteration: 2657; Percent complete: 66.4%; Average loss: 1.1163

Iteration: 2057; Percent complete: 66.4%; Average loss: 1.1183  
Iteration: 2058; Percent complete: 66.5%; Average loss: 1.2240  
Iteration: 2059; Percent complete: 66.5%; Average loss: 1.1251  
Iteration: 2060; Percent complete: 66.5%; Average loss: 1.1495  
Iteration: 2061; Percent complete: 66.5%; Average loss: 1.1904  
Iteration: 2062; Percent complete: 66.5%; Average loss: 1.2136  
Iteration: 2063; Percent complete: 66.6%; Average loss: 1.0204  
Iteration: 2064; Percent complete: 66.6%; Average loss: 1.2638  
Iteration: 2065; Percent complete: 66.6%; Average loss: 0.9128  
Iteration: 2066; Percent complete: 66.6%; Average loss: 1.1641  
Iteration: 2067; Percent complete: 66.7%; Average loss: 1.1325  
Iteration: 2068; Percent complete: 66.7%; Average loss: 1.2402  
Iteration: 2069; Percent complete: 66.7%; Average loss: 1.1168  
Iteration: 2070; Percent complete: 66.8%; Average loss: 1.2123  
Iteration: 2071; Percent complete: 66.8%; Average loss: 1.3275  
Iteration: 2072; Percent complete: 66.8%; Average loss: 1.1480  
Iteration: 2073; Percent complete: 66.8%; Average loss: 1.0277  
Iteration: 2074; Percent complete: 66.8%; Average loss: 0.9209  
Iteration: 2075; Percent complete: 66.9%; Average loss: 1.2098  
Iteration: 2076; Percent complete: 66.9%; Average loss: 0.9798  
Iteration: 2077; Percent complete: 66.9%; Average loss: 1.1548  
Iteration: 2078; Percent complete: 67.0%; Average loss: 0.9298  
Iteration: 2079; Percent complete: 67.0%; Average loss: 1.1736  
Iteration: 2080; Percent complete: 67.0%; Average loss: 1.1464  
Iteration: 2081; Percent complete: 67.0%; Average loss: 1.0632  
Iteration: 2082; Percent complete: 67.0%; Average loss: 1.1688  
Iteration: 2083; Percent complete: 67.1%; Average loss: 1.1592  
Iteration: 2084; Percent complete: 67.1%; Average loss: 1.1429  
Iteration: 2085; Percent complete: 67.1%; Average loss: 1.2163  
Iteration: 2086; Percent complete: 67.2%; Average loss: 1.2921  
Iteration: 2087; Percent complete: 67.2%; Average loss: 1.4302  
Iteration: 2088; Percent complete: 67.2%; Average loss: 1.2335  
Iteration: 2089; Percent complete: 67.2%; Average loss: 1.1894  
Iteration: 2090; Percent complete: 67.2%; Average loss: 1.1754  
Iteration: 2091; Percent complete: 67.3%; Average loss: 1.0910  
Iteration: 2092; Percent complete: 67.3%; Average loss: 0.9693  
Iteration: 2093; Percent complete: 67.3%; Average loss: 1.1439  
Iteration: 2094; Percent complete: 67.3%; Average loss: 1.3220  
Iteration: 2095; Percent complete: 67.4%; Average loss: 1.1413  
Iteration: 2096; Percent complete: 67.4%; Average loss: 1.2398  
Iteration: 2097; Percent complete: 67.4%; Average loss: 1.0954  
Iteration: 2098; Percent complete: 67.5%; Average loss: 1.1400  
Iteration: 2099; Percent complete: 67.5%; Average loss: 1.0109  
Iteration: 2700; Percent complete: 67.5%; Average loss: 1.1534  
Iteration: 2701; Percent complete: 67.5%; Average loss: 1.2722  
Iteration: 2702; Percent complete: 67.5%; Average loss: 1.2883  
Iteration: 2703; Percent complete: 67.6%; Average loss: 1.2058  
Iteration: 2704; Percent complete: 67.6%; Average loss: 1.2228  
Iteration: 2705; Percent complete: 67.6%; Average loss: 1.1860  
Iteration: 2706; Percent complete: 67.7%; Average loss: 0.9638  
Iteration: 2707; Percent complete: 67.7%; Average loss: 1.1945  
Iteration: 2708; Percent complete: 67.7%; Average loss: 1.3291  
Iteration: 2709; Percent complete: 67.7%; Average loss: 1.1602  
Iteration: 2710; Percent complete: 67.8%; Average loss: 1.1405  
Iteration: 2711; Percent complete: 67.8%; Average loss: 1.1248  
Iteration: 2712; Percent complete: 67.8%; Average loss: 1.1907  
Iteration: 2713; Percent complete: 67.8%; Average loss: 1.3930  
Iteration: 2714; Percent complete: 67.8%; Average loss: 1.1769  
Iteration: 2715; Percent complete: 67.9%; Average loss: 1.2312  
Iteration: 2716; Percent complete: 67.9%; Average loss: 1.1016  
Iteration: 2717; Percent complete: 67.9%; Average loss: 1.2481  
Iteration: 2718; Percent complete: 68.0%; Average loss: 1.2185  
Iteration: 2719; Percent complete: 68.0%; Average loss: 1.1216  
Iteration: 2720; Percent complete: 68.0%; Average loss: 1.1227  
Iteration: 2721; Percent complete: 68.0%; Average loss: 1.1977  
Iteration: 2722; Percent complete: 68.0%; Average loss: 1.0645  
Iteration: 2723; Percent complete: 68.1%; Average loss: 1.0123  
Iteration: 2724; Percent complete: 68.1%; Average loss: 1.1514  
Iteration: 2725; Percent complete: 68.1%; Average loss: 1.1954  
Iteration: 2726; Percent complete: 68.2%; Average loss: 1.0340  
Iteration: 2727; Percent complete: 68.2%; Average loss: 1.1364  
Iteration: 2728; Percent complete: 68.2%; Average loss: 1.1416  
Iteration: 2729; Percent complete: 68.2%; Average loss: 1.1166  
Iteration: 2730; Percent complete: 68.2%; Average loss: 1.5151  
Iteration: 2731; Percent complete: 68.3%; Average loss: 1.0028  
Iteration: 2732; Percent complete: 68.3%; Average loss: 1.2294  
Iteration: 2733; Percent complete: 68.3%; Average loss: 1.3716  
Iteration: 2734; Percent complete: 68.3%; Average loss: 1.2296  
Iteration: 2735; Percent complete: 68.4%; Average loss: 1.0511  
Iteration: 2736; Percent complete: 68.4%; Average loss: 1.2894  
Iteration: 2737; Percent complete: 68.4%; Average loss: 1.1962  
Iteration: 2738; Percent complete: 68.5%; Average loss: 1.1266  
Iteration: 2739; Percent complete: 68.5%; Average loss: 1.3453  
Iteration: 2740; Percent complete: 68.5%; Average loss: 1.1585  
Iteration: 2741; Percent complete: 68.5%; Average loss: 1.1384  
Iteration: 2742; Percent complete: 68.5%; Average loss: 1.0496  
Iteration: 2743; Percent complete: 68.6%; Average loss: 1.1326  
Iteration: 2744; Percent complete: 68.6%; Average loss: 1.3314  
Iteration: 2745; Percent complete: 68.6%; Average loss: 1.2462  
Iteration: 2746; Percent complete: 68.7%; Average loss: 1.1852  
Iteration: 2747; Percent complete: 68.7%; Average loss: 1.1286  
Iteration: 2748; Percent complete: 68.7%; Average loss: 1.0843

Iteration: 2749; Percent complete: 68.7%; Average loss: 1.2191  
Iteration: 2750; Percent complete: 68.8%; Average loss: 1.2873  
Iteration: 2751; Percent complete: 68.8%; Average loss: 1.0160  
Iteration: 2752; Percent complete: 68.8%; Average loss: 1.2708  
Iteration: 2753; Percent complete: 68.8%; Average loss: 1.2534  
Iteration: 2754; Percent complete: 68.8%; Average loss: 1.0231  
Iteration: 2755; Percent complete: 68.9%; Average loss: 1.0460  
Iteration: 2756; Percent complete: 68.9%; Average loss: 1.2853  
Iteration: 2757; Percent complete: 68.9%; Average loss: 1.3552  
Iteration: 2758; Percent complete: 69.0%; Average loss: 1.0871  
Iteration: 2759; Percent complete: 69.0%; Average loss: 1.0963  
Iteration: 2760; Percent complete: 69.0%; Average loss: 1.1802  
Iteration: 2761; Percent complete: 69.0%; Average loss: 1.0461  
Iteration: 2762; Percent complete: 69.0%; Average loss: 1.3031  
Iteration: 2763; Percent complete: 69.1%; Average loss: 1.2335  
Iteration: 2764; Percent complete: 69.1%; Average loss: 1.2154  
Iteration: 2765; Percent complete: 69.1%; Average loss: 1.2178  
Iteration: 2766; Percent complete: 69.2%; Average loss: 1.0908  
Iteration: 2767; Percent complete: 69.2%; Average loss: 1.3286  
Iteration: 2768; Percent complete: 69.2%; Average loss: 1.4167  
Iteration: 2769; Percent complete: 69.2%; Average loss: 1.1824  
Iteration: 2770; Percent complete: 69.2%; Average loss: 1.4147  
Iteration: 2771; Percent complete: 69.3%; Average loss: 1.1337  
Iteration: 2772; Percent complete: 69.3%; Average loss: 1.3393  
Iteration: 2773; Percent complete: 69.3%; Average loss: 1.1011  
Iteration: 2774; Percent complete: 69.3%; Average loss: 1.3203  
Iteration: 2775; Percent complete: 69.4%; Average loss: 1.0538  
Iteration: 2776; Percent complete: 69.4%; Average loss: 1.0098  
Iteration: 2777; Percent complete: 69.4%; Average loss: 1.3417  
Iteration: 2778; Percent complete: 69.5%; Average loss: 1.1072  
Iteration: 2779; Percent complete: 69.5%; Average loss: 1.1319  
Iteration: 2780; Percent complete: 69.5%; Average loss: 1.1158  
Iteration: 2781; Percent complete: 69.5%; Average loss: 1.1605  
Iteration: 2782; Percent complete: 69.5%; Average loss: 1.0649  
Iteration: 2783; Percent complete: 69.6%; Average loss: 1.2805  
Iteration: 2784; Percent complete: 69.6%; Average loss: 1.2074  
Iteration: 2785; Percent complete: 69.6%; Average loss: 1.3325  
Iteration: 2786; Percent complete: 69.7%; Average loss: 1.2077  
Iteration: 2787; Percent complete: 69.7%; Average loss: 1.1333  
Iteration: 2788; Percent complete: 69.7%; Average loss: 1.1906  
Iteration: 2789; Percent complete: 69.7%; Average loss: 1.0092  
Iteration: 2790; Percent complete: 69.8%; Average loss: 1.1496  
Iteration: 2791; Percent complete: 69.8%; Average loss: 1.1757  
Iteration: 2792; Percent complete: 69.8%; Average loss: 1.4724  
Iteration: 2793; Percent complete: 69.8%; Average loss: 1.4211  
Iteration: 2794; Percent complete: 69.8%; Average loss: 1.2858  
Iteration: 2795; Percent complete: 69.9%; Average loss: 1.1907  
Iteration: 2796; Percent complete: 69.9%; Average loss: 1.0247  
Iteration: 2797; Percent complete: 69.9%; Average loss: 1.0865  
Iteration: 2798; Percent complete: 70.0%; Average loss: 1.2804  
Iteration: 2799; Percent complete: 70.0%; Average loss: 1.0648  
Iteration: 2800; Percent complete: 70.0%; Average loss: 1.3013  
Iteration: 2801; Percent complete: 70.0%; Average loss: 1.0094  
Iteration: 2802; Percent complete: 70.0%; Average loss: 1.1637  
Iteration: 2803; Percent complete: 70.1%; Average loss: 1.4044  
Iteration: 2804; Percent complete: 70.1%; Average loss: 1.3194  
Iteration: 2805; Percent complete: 70.1%; Average loss: 1.1208  
Iteration: 2806; Percent complete: 70.2%; Average loss: 1.1062  
Iteration: 2807; Percent complete: 70.2%; Average loss: 1.0567  
Iteration: 2808; Percent complete: 70.2%; Average loss: 1.1863  
Iteration: 2809; Percent complete: 70.2%; Average loss: 1.1461  
Iteration: 2810; Percent complete: 70.2%; Average loss: 1.2186  
Iteration: 2811; Percent complete: 70.3%; Average loss: 1.0692  
Iteration: 2812; Percent complete: 70.3%; Average loss: 1.1907  
Iteration: 2813; Percent complete: 70.3%; Average loss: 1.0204  
Iteration: 2814; Percent complete: 70.3%; Average loss: 1.3848  
Iteration: 2815; Percent complete: 70.4%; Average loss: 1.2458  
Iteration: 2816; Percent complete: 70.4%; Average loss: 1.1736  
Iteration: 2817; Percent complete: 70.4%; Average loss: 1.0729  
Iteration: 2818; Percent complete: 70.5%; Average loss: 1.0885  
Iteration: 2819; Percent complete: 70.5%; Average loss: 1.3494  
Iteration: 2820; Percent complete: 70.5%; Average loss: 1.1727  
Iteration: 2821; Percent complete: 70.5%; Average loss: 0.9344  
Iteration: 2822; Percent complete: 70.5%; Average loss: 1.2538  
Iteration: 2823; Percent complete: 70.6%; Average loss: 0.9797  
Iteration: 2824; Percent complete: 70.6%; Average loss: 1.1803  
Iteration: 2825; Percent complete: 70.6%; Average loss: 1.1849  
Iteration: 2826; Percent complete: 70.7%; Average loss: 1.0566  
Iteration: 2827; Percent complete: 70.7%; Average loss: 1.2124  
Iteration: 2828; Percent complete: 70.7%; Average loss: 1.0315  
Iteration: 2829; Percent complete: 70.7%; Average loss: 1.3482  
Iteration: 2830; Percent complete: 70.8%; Average loss: 0.9472  
Iteration: 2831; Percent complete: 70.8%; Average loss: 1.3232  
Iteration: 2832; Percent complete: 70.8%; Average loss: 0.9913  
Iteration: 2833; Percent complete: 70.8%; Average loss: 1.2154  
Iteration: 2834; Percent complete: 70.9%; Average loss: 1.3344  
Iteration: 2835; Percent complete: 70.9%; Average loss: 0.9320  
Iteration: 2836; Percent complete: 70.9%; Average loss: 1.1887  
Iteration: 2837; Percent complete: 70.9%; Average loss: 1.2384  
Iteration: 2838; Percent complete: 71.0%; Average loss: 1.0710  
Iteration: 2839; Percent complete: 71.0%; Average loss: 1.2837



Iteration: 2840; Percent complete: 71.0%; Average loss: 1.1761  
Iteration: 2841; Percent complete: 71.0%; Average loss: 1.2923  
Iteration: 2842; Percent complete: 71.0%; Average loss: 1.0778  
Iteration: 2843; Percent complete: 71.1%; Average loss: 1.2151  
Iteration: 2844; Percent complete: 71.1%; Average loss: 1.0555  
Iteration: 2845; Percent complete: 71.1%; Average loss: 0.9037  
Iteration: 2846; Percent complete: 71.2%; Average loss: 1.2757  
Iteration: 2847; Percent complete: 71.2%; Average loss: 0.9092  
Iteration: 2848; Percent complete: 71.2%; Average loss: 1.2704  
Iteration: 2849; Percent complete: 71.2%; Average loss: 1.1266  
Iteration: 2850; Percent complete: 71.2%; Average loss: 1.0487  
Iteration: 2851; Percent complete: 71.3%; Average loss: 1.1419  
Iteration: 2852; Percent complete: 71.3%; Average loss: 1.1751  
Iteration: 2853; Percent complete: 71.3%; Average loss: 1.0725  
Iteration: 2854; Percent complete: 71.4%; Average loss: 1.0868  
Iteration: 2855; Percent complete: 71.4%; Average loss: 1.2162  
Iteration: 2856; Percent complete: 71.4%; Average loss: 1.2938  
Iteration: 2857; Percent complete: 71.4%; Average loss: 1.2112  
Iteration: 2858; Percent complete: 71.5%; Average loss: 1.1771  
Iteration: 2859; Percent complete: 71.5%; Average loss: 1.2007  
Iteration: 2860; Percent complete: 71.5%; Average loss: 1.0770  
Iteration: 2861; Percent complete: 71.5%; Average loss: 1.1808  
Iteration: 2862; Percent complete: 71.5%; Average loss: 1.2760  
Iteration: 2863; Percent complete: 71.6%; Average loss: 1.0881  
Iteration: 2864; Percent complete: 71.6%; Average loss: 1.2949  
Iteration: 2865; Percent complete: 71.6%; Average loss: 0.9273  
Iteration: 2866; Percent complete: 71.7%; Average loss: 1.2422  
Iteration: 2867; Percent complete: 71.7%; Average loss: 1.1810  
Iteration: 2868; Percent complete: 71.7%; Average loss: 1.3188  
Iteration: 2869; Percent complete: 71.7%; Average loss: 1.1713  
Iteration: 2870; Percent complete: 71.8%; Average loss: 1.2427  
Iteration: 2871; Percent complete: 71.8%; Average loss: 1.1237  
Iteration: 2872; Percent complete: 71.8%; Average loss: 1.2610  
Iteration: 2873; Percent complete: 71.8%; Average loss: 1.0308  
Iteration: 2874; Percent complete: 71.9%; Average loss: 1.1471  
Iteration: 2875; Percent complete: 71.9%; Average loss: 1.0760  
Iteration: 2876; Percent complete: 71.9%; Average loss: 1.2198  
Iteration: 2877; Percent complete: 71.9%; Average loss: 1.1054  
Iteration: 2878; Percent complete: 72.0%; Average loss: 1.1743  
Iteration: 2879; Percent complete: 72.0%; Average loss: 1.1416  
Iteration: 2880; Percent complete: 72.0%; Average loss: 1.3597  
Iteration: 2881; Percent complete: 72.0%; Average loss: 1.0869  
Iteration: 2882; Percent complete: 72.0%; Average loss: 1.1816  
Iteration: 2883; Percent complete: 72.1%; Average loss: 1.0372  
Iteration: 2884; Percent complete: 72.1%; Average loss: 1.2037  
Iteration: 2885; Percent complete: 72.1%; Average loss: 1.3080  
Iteration: 2886; Percent complete: 72.2%; Average loss: 1.2482  
Iteration: 2887; Percent complete: 72.2%; Average loss: 1.1510  
Iteration: 2888; Percent complete: 72.2%; Average loss: 1.0951  
Iteration: 2889; Percent complete: 72.2%; Average loss: 1.2312  
Iteration: 2890; Percent complete: 72.2%; Average loss: 1.1577  
Iteration: 2891; Percent complete: 72.3%; Average loss: 0.9829  
Iteration: 2892; Percent complete: 72.3%; Average loss: 1.0675  
Iteration: 2893; Percent complete: 72.3%; Average loss: 1.1612  
Iteration: 2894; Percent complete: 72.4%; Average loss: 1.1604  
Iteration: 2895; Percent complete: 72.4%; Average loss: 1.1240  
Iteration: 2896; Percent complete: 72.4%; Average loss: 0.9491  
Iteration: 2897; Percent complete: 72.4%; Average loss: 1.2586  
Iteration: 2898; Percent complete: 72.5%; Average loss: 1.2231  
Iteration: 2899; Percent complete: 72.5%; Average loss: 1.1248  
Iteration: 2900; Percent complete: 72.5%; Average loss: 1.1927  
Iteration: 2901; Percent complete: 72.5%; Average loss: 1.2042  
Iteration: 2902; Percent complete: 72.5%; Average loss: 1.1925  
Iteration: 2903; Percent complete: 72.6%; Average loss: 1.2170  
Iteration: 2904; Percent complete: 72.6%; Average loss: 0.9829  
Iteration: 2905; Percent complete: 72.6%; Average loss: 1.2855  
Iteration: 2906; Percent complete: 72.7%; Average loss: 1.2894  
Iteration: 2907; Percent complete: 72.7%; Average loss: 1.2640  
Iteration: 2908; Percent complete: 72.7%; Average loss: 1.1305  
Iteration: 2909; Percent complete: 72.7%; Average loss: 1.3083  
Iteration: 2910; Percent complete: 72.8%; Average loss: 0.9358  
Iteration: 2911; Percent complete: 72.8%; Average loss: 1.0982  
Iteration: 2912; Percent complete: 72.8%; Average loss: 1.1724  
Iteration: 2913; Percent complete: 72.8%; Average loss: 0.9530  
Iteration: 2914; Percent complete: 72.9%; Average loss: 1.2177  
Iteration: 2915; Percent complete: 72.9%; Average loss: 1.1710  
Iteration: 2916; Percent complete: 72.9%; Average loss: 1.3272  
Iteration: 2917; Percent complete: 72.9%; Average loss: 1.1836  
Iteration: 2918; Percent complete: 73.0%; Average loss: 1.1157  
Iteration: 2919; Percent complete: 73.0%; Average loss: 1.3518  
Iteration: 2920; Percent complete: 73.0%; Average loss: 1.0203  
Iteration: 2921; Percent complete: 73.0%; Average loss: 1.0851  
Iteration: 2922; Percent complete: 73.0%; Average loss: 1.2504  
Iteration: 2923; Percent complete: 73.1%; Average loss: 1.2745  
Iteration: 2924; Percent complete: 73.1%; Average loss: 1.0784  
Iteration: 2925; Percent complete: 73.1%; Average loss: 0.9728  
Iteration: 2926; Percent complete: 73.2%; Average loss: 1.1004  
Iteration: 2927; Percent complete: 73.2%; Average loss: 1.0372  
Iteration: 2928; Percent complete: 73.2%; Average loss: 0.9953  
Iteration: 2929; Percent complete: 73.2%; Average loss: 1.0687  
Iteration: 2930; Percent complete: 73.2%; Average loss: 1.2795

|                  |                          |                      |
|------------------|--------------------------|----------------------|
| Iteration: 2931; | Percent complete: 73.3%; | Average loss: 1.3543 |
| Iteration: 2932; | Percent complete: 73.3%; | Average loss: 1.2438 |
| Iteration: 2933; | Percent complete: 73.3%; | Average loss: 1.2525 |
| Iteration: 2934; | Percent complete: 73.4%; | Average loss: 1.1621 |
| Iteration: 2935; | Percent complete: 73.4%; | Average loss: 1.1882 |
| Iteration: 2936; | Percent complete: 73.4%; | Average loss: 1.2835 |
| Iteration: 2937; | Percent complete: 73.4%; | Average loss: 1.1222 |
| Iteration: 2938; | Percent complete: 73.5%; | Average loss: 1.1728 |
| Iteration: 2939; | Percent complete: 73.5%; | Average loss: 1.4800 |
| Iteration: 2940; | Percent complete: 73.5%; | Average loss: 1.1438 |
| Iteration: 2941; | Percent complete: 73.5%; | Average loss: 1.0750 |
| Iteration: 2942; | Percent complete: 73.6%; | Average loss: 1.2236 |
| Iteration: 2943; | Percent complete: 73.6%; | Average loss: 1.2866 |
| Iteration: 2944; | Percent complete: 73.6%; | Average loss: 1.0330 |
| Iteration: 2945; | Percent complete: 73.6%; | Average loss: 1.2431 |
| Iteration: 2946; | Percent complete: 73.7%; | Average loss: 1.0772 |
| Iteration: 2947; | Percent complete: 73.7%; | Average loss: 1.2142 |
| Iteration: 2948; | Percent complete: 73.7%; | Average loss: 1.4124 |
| Iteration: 2949; | Percent complete: 73.7%; | Average loss: 1.2753 |
| Iteration: 2950; | Percent complete: 73.8%; | Average loss: 1.2200 |
| Iteration: 2951; | Percent complete: 73.8%; | Average loss: 1.1013 |
| Iteration: 2952; | Percent complete: 73.8%; | Average loss: 1.1897 |
| Iteration: 2953; | Percent complete: 73.8%; | Average loss: 1.1819 |
| Iteration: 2954; | Percent complete: 73.9%; | Average loss: 1.1015 |
| Iteration: 2955; | Percent complete: 73.9%; | Average loss: 1.3700 |
| Iteration: 2956; | Percent complete: 73.9%; | Average loss: 1.4026 |
| Iteration: 2957; | Percent complete: 73.9%; | Average loss: 1.0112 |
| Iteration: 2958; | Percent complete: 74.0%; | Average loss: 1.2677 |
| Iteration: 2959; | Percent complete: 74.0%; | Average loss: 1.1464 |
| Iteration: 2960; | Percent complete: 74.0%; | Average loss: 1.4277 |
| Iteration: 2961; | Percent complete: 74.0%; | Average loss: 1.1208 |
| Iteration: 2962; | Percent complete: 74.1%; | Average loss: 1.2862 |
| Iteration: 2963; | Percent complete: 74.1%; | Average loss: 1.3412 |
| Iteration: 2964; | Percent complete: 74.1%; | Average loss: 0.9274 |
| Iteration: 2965; | Percent complete: 74.1%; | Average loss: 1.0888 |
| Iteration: 2966; | Percent complete: 74.2%; | Average loss: 1.0021 |
| Iteration: 2967; | Percent complete: 74.2%; | Average loss: 1.1584 |
| Iteration: 2968; | Percent complete: 74.2%; | Average loss: 1.2353 |
| Iteration: 2969; | Percent complete: 74.2%; | Average loss: 1.3841 |
| Iteration: 2970; | Percent complete: 74.2%; | Average loss: 1.1438 |
| Iteration: 2971; | Percent complete: 74.3%; | Average loss: 1.1505 |
| Iteration: 2972; | Percent complete: 74.3%; | Average loss: 1.0238 |
| Iteration: 2973; | Percent complete: 74.3%; | Average loss: 1.1895 |
| Iteration: 2974; | Percent complete: 74.4%; | Average loss: 1.3034 |
| Iteration: 2975; | Percent complete: 74.4%; | Average loss: 1.2880 |
| Iteration: 2976; | Percent complete: 74.4%; | Average loss: 1.1123 |
| Iteration: 2977; | Percent complete: 74.4%; | Average loss: 1.2197 |
| Iteration: 2978; | Percent complete: 74.5%; | Average loss: 1.1624 |
| Iteration: 2979; | Percent complete: 74.5%; | Average loss: 1.1249 |
| Iteration: 2980; | Percent complete: 74.5%; | Average loss: 1.1492 |
| Iteration: 2981; | Percent complete: 74.5%; | Average loss: 1.0714 |
| Iteration: 2982; | Percent complete: 74.6%; | Average loss: 1.1594 |
| Iteration: 2983; | Percent complete: 74.6%; | Average loss: 1.1363 |
| Iteration: 2984; | Percent complete: 74.6%; | Average loss: 1.4522 |
| Iteration: 2985; | Percent complete: 74.6%; | Average loss: 1.0355 |
| Iteration: 2986; | Percent complete: 74.7%; | Average loss: 1.0519 |
| Iteration: 2987; | Percent complete: 74.7%; | Average loss: 1.2459 |
| Iteration: 2988; | Percent complete: 74.7%; | Average loss: 0.9799 |
| Iteration: 2989; | Percent complete: 74.7%; | Average loss: 1.0953 |
| Iteration: 2990; | Percent complete: 74.8%; | Average loss: 1.1879 |
| Iteration: 2991; | Percent complete: 74.8%; | Average loss: 1.1442 |
| Iteration: 2992; | Percent complete: 74.8%; | Average loss: 0.9888 |
| Iteration: 2993; | Percent complete: 74.8%; | Average loss: 1.2650 |
| Iteration: 2994; | Percent complete: 74.9%; | Average loss: 1.1820 |
| Iteration: 2995; | Percent complete: 74.9%; | Average loss: 1.0293 |
| Iteration: 2996; | Percent complete: 74.9%; | Average loss: 1.0871 |
| Iteration: 2997; | Percent complete: 74.9%; | Average loss: 1.1978 |
| Iteration: 2998; | Percent complete: 75.0%; | Average loss: 1.2627 |
| Iteration: 2999; | Percent complete: 75.0%; | Average loss: 1.2976 |
| Iteration: 3000; | Percent complete: 75.0%; | Average loss: 1.0542 |
| Iteration: 3001; | Percent complete: 75.0%; | Average loss: 1.2812 |
| Iteration: 3002; | Percent complete: 75.0%; | Average loss: 1.2803 |
| Iteration: 3003; | Percent complete: 75.1%; | Average loss: 1.4990 |
| Iteration: 3004; | Percent complete: 75.1%; | Average loss: 1.2561 |
| Iteration: 3005; | Percent complete: 75.1%; | Average loss: 1.1865 |
| Iteration: 3006; | Percent complete: 75.1%; | Average loss: 1.4684 |
| Iteration: 3007; | Percent complete: 75.2%; | Average loss: 1.3695 |
| Iteration: 3008; | Percent complete: 75.2%; | Average loss: 1.1822 |
| Iteration: 3009; | Percent complete: 75.2%; | Average loss: 1.2062 |
| Iteration: 3010; | Percent complete: 75.2%; | Average loss: 0.8628 |
| Iteration: 3011; | Percent complete: 75.3%; | Average loss: 1.1589 |
| Iteration: 3012; | Percent complete: 75.3%; | Average loss: 1.2011 |
| Iteration: 3013; | Percent complete: 75.3%; | Average loss: 1.2673 |
| Iteration: 3014; | Percent complete: 75.3%; | Average loss: 1.1940 |
| Iteration: 3015; | Percent complete: 75.4%; | Average loss: 1.2114 |
| Iteration: 3016; | Percent complete: 75.4%; | Average loss: 0.9674 |
| Iteration: 3017; | Percent complete: 75.4%; | Average loss: 1.0439 |
| Iteration: 3018; | Percent complete: 75.4%; | Average loss: 1.2161 |
| Iteration: 3019; | Percent complete: 75.5%; | Average loss: 1.0888 |
| Iteration: 3020; | Percent complete: 75.5%; | Average loss: 1.2492 |
| Iteration: 3021; | Percent complete: 75.5%; | Average loss: 1.1633 |

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Iteration: 3114; Percent complete: 77.8%; Average loss: 1.2636  
Iteration: 3115; Percent complete: 77.9%; Average loss: 1.2203  
Iteration: 3116; Percent complete: 77.9%; Average loss: 1.1388  
Iteration: 3117; Percent complete: 77.9%; Average loss: 1.2015  
Iteration: 3118; Percent complete: 78.0%; Average loss: 1.1792  
Iteration: 3119; Percent complete: 78.0%; Average loss: 1.3349  
Iteration: 3120; Percent complete: 78.0%; Average loss: 1.2107  
Iteration: 3121; Percent complete: 78.0%; Average loss: 1.0170  
Iteration: 3122; Percent complete: 78.0%; Average loss: 1.1530  
Iteration: 3123; Percent complete: 78.1%; Average loss: 1.0630  
Iteration: 3124; Percent complete: 78.1%; Average loss: 1.0753  
Iteration: 3125; Percent complete: 78.1%; Average loss: 1.0535  
Iteration: 3126; Percent complete: 78.1%; Average loss: 1.2205  
Iteration: 3127; Percent complete: 78.2%; Average loss: 1.0025  
Iteration: 3128; Percent complete: 78.2%; Average loss: 1.3352  
Iteration: 3129; Percent complete: 78.2%; Average loss: 1.1520  
Iteration: 3130; Percent complete: 78.2%; Average loss: 1.1357  
Iteration: 3131; Percent complete: 78.3%; Average loss: 0.9762  
Iteration: 3132; Percent complete: 78.3%; Average loss: 1.0739  
Iteration: 3133; Percent complete: 78.3%; Average loss: 1.3450  
Iteration: 3134; Percent complete: 78.3%; Average loss: 1.1239  
Iteration: 3135; Percent complete: 78.4%; Average loss: 1.2747  
Iteration: 3136; Percent complete: 78.4%; Average loss: 1.1587  
Iteration: 3137; Percent complete: 78.4%; Average loss: 1.1054  
Iteration: 3138; Percent complete: 78.5%; Average loss: 1.2478  
Iteration: 3139; Percent complete: 78.5%; Average loss: 1.1475  
Iteration: 3140; Percent complete: 78.5%; Average loss: 1.1676  
Iteration: 3141; Percent complete: 78.5%; Average loss: 1.0344  
Iteration: 3142; Percent complete: 78.5%; Average loss: 1.1299  
Iteration: 3143; Percent complete: 78.6%; Average loss: 1.0613  
Iteration: 3144; Percent complete: 78.6%; Average loss: 1.2115  
Iteration: 3145; Percent complete: 78.6%; Average loss: 1.2595  
Iteration: 3146; Percent complete: 78.6%; Average loss: 1.1663  
Iteration: 3147; Percent complete: 78.7%; Average loss: 0.9756  
Iteration: 3148; Percent complete: 78.7%; Average loss: 1.2256  
Iteration: 3149; Percent complete: 78.7%; Average loss: 1.2415  
Iteration: 3150; Percent complete: 78.8%; Average loss: 1.2306  
Iteration: 3151; Percent complete: 78.8%; Average loss: 1.3768  
Iteration: 3152; Percent complete: 78.8%; Average loss: 1.2398  
Iteration: 3153; Percent complete: 78.8%; Average loss: 1.3619  
Iteration: 3154; Percent complete: 78.8%; Average loss: 1.3051  
Iteration: 3155; Percent complete: 78.9%; Average loss: 1.1341  
Iteration: 3156; Percent complete: 78.9%; Average loss: 1.2414  
Iteration: 3157; Percent complete: 78.9%; Average loss: 0.9707  
Iteration: 3158; Percent complete: 79.0%; Average loss: 1.0656  
Iteration: 3159; Percent complete: 79.0%; Average loss: 1.3154  
Iteration: 3160; Percent complete: 79.0%; Average loss: 1.0676  
Iteration: 3161; Percent complete: 79.0%; Average loss: 1.0969  
Iteration: 3162; Percent complete: 79.0%; Average loss: 1.1357  
Iteration: 3163; Percent complete: 79.1%; Average loss: 0.9263  
Iteration: 3164; Percent complete: 79.1%; Average loss: 1.1770  
Iteration: 3165; Percent complete: 79.1%; Average loss: 1.2181  
Iteration: 3166; Percent complete: 79.1%; Average loss: 1.0977  
Iteration: 3167; Percent complete: 79.2%; Average loss: 1.2547  
Iteration: 3168; Percent complete: 79.2%; Average loss: 1.0621  
Iteration: 3169; Percent complete: 79.2%; Average loss: 1.1152  
Iteration: 3170; Percent complete: 79.2%; Average loss: 1.0958  
Iteration: 3171; Percent complete: 79.3%; Average loss: 1.2330  
Iteration: 3172; Percent complete: 79.3%; Average loss: 1.0284  
Iteration: 3173; Percent complete: 79.3%; Average loss: 1.1554  
Iteration: 3174; Percent complete: 79.3%; Average loss: 1.2238  
Iteration: 3175; Percent complete: 79.4%; Average loss: 1.2100  
Iteration: 3176; Percent complete: 79.4%; Average loss: 1.0565  
Iteration: 3177; Percent complete: 79.4%; Average loss: 1.1541  
Iteration: 3178; Percent complete: 79.5%; Average loss: 1.0358  
Iteration: 3179; Percent complete: 79.5%; Average loss: 1.2941  
Iteration: 3180; Percent complete: 79.5%; Average loss: 1.0843  
Iteration: 3181; Percent complete: 79.5%; Average loss: 1.3651  
Iteration: 3182; Percent complete: 79.5%; Average loss: 1.0748  
Iteration: 3183; Percent complete: 79.6%; Average loss: 1.0690  
Iteration: 3184; Percent complete: 79.6%; Average loss: 1.0737  
Iteration: 3185; Percent complete: 79.6%; Average loss: 1.1579  
Iteration: 3186; Percent complete: 79.7%; Average loss: 1.1010  
Iteration: 3187; Percent complete: 79.7%; Average loss: 1.1574  
Iteration: 3188; Percent complete: 79.7%; Average loss: 1.0244  
Iteration: 3189; Percent complete: 79.7%; Average loss: 1.1557  
Iteration: 3190; Percent complete: 79.8%; Average loss: 1.1245  
Iteration: 3191; Percent complete: 79.8%; Average loss: 1.1702  
Iteration: 3192; Percent complete: 79.8%; Average loss: 1.1207  
Iteration: 3193; Percent complete: 79.8%; Average loss: 0.9907  
Iteration: 3194; Percent complete: 79.8%; Average loss: 1.1346  
Iteration: 3195; Percent complete: 79.9%; Average loss: 1.0393  
Iteration: 3196; Percent complete: 79.9%; Average loss: 1.1581  
Iteration: 3197; Percent complete: 79.9%; Average loss: 1.0944  
Iteration: 3198; Percent complete: 80.0%; Average loss: 1.2124  
Iteration: 3199; Percent complete: 80.0%; Average loss: 1.0799  
Iteration: 3200; Percent complete: 80.0%; Average loss: 1.1408  
Iteration: 3201; Percent complete: 80.0%; Average loss: 1.2927  
Iteration: 3202; Percent complete: 80.0%; Average loss: 1.2657  
Iteration: 3203; Percent complete: 80.1%; Average loss: 1.2191  
Iteration: 3204; Percent complete: 80.1%; Average loss: 1.0357

Iteration: 3205; Percent complete: 80.1%; Average loss: 0.9333  
Iteration: 3206; Percent complete: 80.2%; Average loss: 1.2057  
Iteration: 3207; Percent complete: 80.2%; Average loss: 1.0180  
Iteration: 3208; Percent complete: 80.2%; Average loss: 1.2374  
Iteration: 3209; Percent complete: 80.2%; Average loss: 0.9958  
Iteration: 3210; Percent complete: 80.2%; Average loss: 1.0408  
Iteration: 3211; Percent complete: 80.3%; Average loss: 1.2499  
Iteration: 3212; Percent complete: 80.3%; Average loss: 1.2349  
Iteration: 3213; Percent complete: 80.3%; Average loss: 1.3705  
Iteration: 3214; Percent complete: 80.3%; Average loss: 1.2894  
Iteration: 3215; Percent complete: 80.4%; Average loss: 1.3174  
Iteration: 3216; Percent complete: 80.4%; Average loss: 1.2398  
Iteration: 3217; Percent complete: 80.4%; Average loss: 1.2769  
Iteration: 3218; Percent complete: 80.5%; Average loss: 1.0451  
Iteration: 3219; Percent complete: 80.5%; Average loss: 1.1664  
Iteration: 3220; Percent complete: 80.5%; Average loss: 1.1615  
Iteration: 3221; Percent complete: 80.5%; Average loss: 1.1565  
Iteration: 3222; Percent complete: 80.5%; Average loss: 1.1961  
Iteration: 3223; Percent complete: 80.6%; Average loss: 1.1551  
Iteration: 3224; Percent complete: 80.6%; Average loss: 1.2246  
Iteration: 3225; Percent complete: 80.6%; Average loss: 1.2305  
Iteration: 3226; Percent complete: 80.7%; Average loss: 1.3163  
Iteration: 3227; Percent complete: 80.7%; Average loss: 1.0371  
Iteration: 3228; Percent complete: 80.7%; Average loss: 1.1355  
Iteration: 3229; Percent complete: 80.7%; Average loss: 1.2427  
Iteration: 3230; Percent complete: 80.8%; Average loss: 0.8102  
Iteration: 3231; Percent complete: 80.8%; Average loss: 1.2180  
Iteration: 3232; Percent complete: 80.8%; Average loss: 1.0886  
Iteration: 3233; Percent complete: 80.8%; Average loss: 1.0308  
Iteration: 3234; Percent complete: 80.8%; Average loss: 1.1261  
Iteration: 3235; Percent complete: 80.9%; Average loss: 1.1718  
Iteration: 3236; Percent complete: 80.9%; Average loss: 1.4233  
Iteration: 3237; Percent complete: 80.9%; Average loss: 1.1631  
Iteration: 3238; Percent complete: 81.0%; Average loss: 1.0674  
Iteration: 3239; Percent complete: 81.0%; Average loss: 1.1673  
Iteration: 3240; Percent complete: 81.0%; Average loss: 0.9590  
Iteration: 3241; Percent complete: 81.0%; Average loss: 1.0102  
Iteration: 3242; Percent complete: 81.0%; Average loss: 1.2661  
Iteration: 3243; Percent complete: 81.1%; Average loss: 1.4283  
Iteration: 3244; Percent complete: 81.1%; Average loss: 1.2319  
Iteration: 3245; Percent complete: 81.1%; Average loss: 1.2233  
Iteration: 3246; Percent complete: 81.2%; Average loss: 1.2876  
Iteration: 3247; Percent complete: 81.2%; Average loss: 0.9600  
Iteration: 3248; Percent complete: 81.2%; Average loss: 1.1481  
Iteration: 3249; Percent complete: 81.2%; Average loss: 1.0405  
Iteration: 3250; Percent complete: 81.2%; Average loss: 1.0031  
Iteration: 3251; Percent complete: 81.3%; Average loss: 1.2713  
Iteration: 3252; Percent complete: 81.3%; Average loss: 1.2126  
Iteration: 3253; Percent complete: 81.3%; Average loss: 0.8967  
Iteration: 3254; Percent complete: 81.3%; Average loss: 1.0604  
Iteration: 3255; Percent complete: 81.4%; Average loss: 1.0714  
Iteration: 3256; Percent complete: 81.4%; Average loss: 1.2566  
Iteration: 3257; Percent complete: 81.4%; Average loss: 1.3698  
Iteration: 3258; Percent complete: 81.5%; Average loss: 1.1437  
Iteration: 3259; Percent complete: 81.5%; Average loss: 1.2117  
Iteration: 3260; Percent complete: 81.5%; Average loss: 1.1411  
Iteration: 3261; Percent complete: 81.5%; Average loss: 1.0658  
Iteration: 3262; Percent complete: 81.5%; Average loss: 1.1623  
Iteration: 3263; Percent complete: 81.6%; Average loss: 1.2078  
Iteration: 3264; Percent complete: 81.6%; Average loss: 1.3818  
Iteration: 3265; Percent complete: 81.6%; Average loss: 1.1081  
Iteration: 3266; Percent complete: 81.7%; Average loss: 1.0427  
Iteration: 3267; Percent complete: 81.7%; Average loss: 1.2105  
Iteration: 3268; Percent complete: 81.7%; Average loss: 1.1547  
Iteration: 3269; Percent complete: 81.7%; Average loss: 1.1263  
Iteration: 3270; Percent complete: 81.8%; Average loss: 1.5105  
Iteration: 3271; Percent complete: 81.8%; Average loss: 1.2169  
Iteration: 3272; Percent complete: 81.8%; Average loss: 1.0644  
Iteration: 3273; Percent complete: 81.8%; Average loss: 1.2624  
Iteration: 3274; Percent complete: 81.8%; Average loss: 1.1034  
Iteration: 3275; Percent complete: 81.9%; Average loss: 1.0714  
Iteration: 3276; Percent complete: 81.9%; Average loss: 1.1077  
Iteration: 3277; Percent complete: 81.9%; Average loss: 1.4422  
Iteration: 3278; Percent complete: 82.0%; Average loss: 1.1228  
Iteration: 3279; Percent complete: 82.0%; Average loss: 1.1469  
Iteration: 3280; Percent complete: 82.0%; Average loss: 1.2575  
Iteration: 3281; Percent complete: 82.0%; Average loss: 1.2693  
Iteration: 3282; Percent complete: 82.0%; Average loss: 1.1654  
Iteration: 3283; Percent complete: 82.1%; Average loss: 0.9657  
Iteration: 3284; Percent complete: 82.1%; Average loss: 1.2384  
Iteration: 3285; Percent complete: 82.1%; Average loss: 1.0691  
Iteration: 3286; Percent complete: 82.2%; Average loss: 1.2335  
Iteration: 3287; Percent complete: 82.2%; Average loss: 1.2684  
Iteration: 3288; Percent complete: 82.2%; Average loss: 1.1951  
Iteration: 3289; Percent complete: 82.2%; Average loss: 0.9946  
Iteration: 3290; Percent complete: 82.2%; Average loss: 1.2670  
Iteration: 3291; Percent complete: 82.3%; Average loss: 1.0568  
Iteration: 3292; Percent complete: 82.3%; Average loss: 1.0474  
Iteration: 3293; Percent complete: 82.3%; Average loss: 1.3711  
Iteration: 3294; Percent complete: 82.3%; Average loss: 1.5084  
Iteration: 3295; Percent complete: 82.4%; Average loss: 1.1151

Iteration: 3296; Percent complete: 82.4%; Average loss: 1.2155  
Iteration: 3297; Percent complete: 82.4%; Average loss: 1.1196  
Iteration: 3298; Percent complete: 82.5%; Average loss: 1.1546  
Iteration: 3299; Percent complete: 82.5%; Average loss: 1.1151  
Iteration: 3300; Percent complete: 82.5%; Average loss: 1.1377  
Iteration: 3301; Percent complete: 82.5%; Average loss: 1.0449  
Iteration: 3302; Percent complete: 82.5%; Average loss: 1.1339  
Iteration: 3303; Percent complete: 82.6%; Average loss: 1.0745  
Iteration: 3304; Percent complete: 82.6%; Average loss: 1.1329  
Iteration: 3305; Percent complete: 82.6%; Average loss: 1.2630  
Iteration: 3306; Percent complete: 82.7%; Average loss: 1.1244  
Iteration: 3307; Percent complete: 82.7%; Average loss: 1.1846  
Iteration: 3308; Percent complete: 82.7%; Average loss: 0.9864  
Iteration: 3309; Percent complete: 82.7%; Average loss: 1.2393  
Iteration: 3310; Percent complete: 82.8%; Average loss: 1.0681  
Iteration: 3311; Percent complete: 82.8%; Average loss: 1.2323  
Iteration: 3312; Percent complete: 82.8%; Average loss: 1.0231  
Iteration: 3313; Percent complete: 82.8%; Average loss: 1.1958  
Iteration: 3314; Percent complete: 82.8%; Average loss: 1.1861  
Iteration: 3315; Percent complete: 82.9%; Average loss: 1.0719  
Iteration: 3316; Percent complete: 82.9%; Average loss: 1.0311  
Iteration: 3317; Percent complete: 82.9%; Average loss: 1.2640  
Iteration: 3318; Percent complete: 83.0%; Average loss: 1.1670  
Iteration: 3319; Percent complete: 83.0%; Average loss: 1.3552  
Iteration: 3320; Percent complete: 83.0%; Average loss: 1.0339  
Iteration: 3321; Percent complete: 83.0%; Average loss: 1.1350  
Iteration: 3322; Percent complete: 83.0%; Average loss: 1.0686  
Iteration: 3323; Percent complete: 83.1%; Average loss: 1.2135  
Iteration: 3324; Percent complete: 83.1%; Average loss: 1.1317  
Iteration: 3325; Percent complete: 83.1%; Average loss: 1.2803  
Iteration: 3326; Percent complete: 83.2%; Average loss: 1.0492  
Iteration: 3327; Percent complete: 83.2%; Average loss: 1.4942  
Iteration: 3328; Percent complete: 83.2%; Average loss: 1.1307  
Iteration: 3329; Percent complete: 83.2%; Average loss: 1.0163  
Iteration: 3330; Percent complete: 83.2%; Average loss: 1.0143  
Iteration: 3331; Percent complete: 83.3%; Average loss: 0.9891  
Iteration: 3332; Percent complete: 83.3%; Average loss: 1.1053  
Iteration: 3333; Percent complete: 83.3%; Average loss: 1.0068  
Iteration: 3334; Percent complete: 83.4%; Average loss: 1.0882  
Iteration: 3335; Percent complete: 83.4%; Average loss: 1.0846  
Iteration: 3336; Percent complete: 83.4%; Average loss: 1.1585  
Iteration: 3337; Percent complete: 83.4%; Average loss: 1.2619  
Iteration: 3338; Percent complete: 83.5%; Average loss: 1.2266  
Iteration: 3339; Percent complete: 83.5%; Average loss: 1.1701  
Iteration: 3340; Percent complete: 83.5%; Average loss: 0.8147  
Iteration: 3341; Percent complete: 83.5%; Average loss: 1.2701  
Iteration: 3342; Percent complete: 83.5%; Average loss: 1.0330  
Iteration: 3343; Percent complete: 83.6%; Average loss: 1.2140  
Iteration: 3344; Percent complete: 83.6%; Average loss: 1.0800  
Iteration: 3345; Percent complete: 83.6%; Average loss: 1.0308  
Iteration: 3346; Percent complete: 83.7%; Average loss: 1.1648  
Iteration: 3347; Percent complete: 83.7%; Average loss: 1.0656  
Iteration: 3348; Percent complete: 83.7%; Average loss: 1.2735  
Iteration: 3349; Percent complete: 83.7%; Average loss: 1.3660  
Iteration: 3350; Percent complete: 83.8%; Average loss: 1.1959  
Iteration: 3351; Percent complete: 83.8%; Average loss: 1.2046  
Iteration: 3352; Percent complete: 83.8%; Average loss: 1.4110  
Iteration: 3353; Percent complete: 83.8%; Average loss: 1.2142  
Iteration: 3354; Percent complete: 83.9%; Average loss: 1.0463  
Iteration: 3355; Percent complete: 83.9%; Average loss: 1.1129  
Iteration: 3356; Percent complete: 83.9%; Average loss: 1.4607  
Iteration: 3357; Percent complete: 83.9%; Average loss: 1.3239  
Iteration: 3358; Percent complete: 84.0%; Average loss: 1.1097  
Iteration: 3359; Percent complete: 84.0%; Average loss: 1.1645  
Iteration: 3360; Percent complete: 84.0%; Average loss: 1.3176  
Iteration: 3361; Percent complete: 84.0%; Average loss: 1.3525  
Iteration: 3362; Percent complete: 84.0%; Average loss: 1.1107  
Iteration: 3363; Percent complete: 84.1%; Average loss: 1.2350  
Iteration: 3364; Percent complete: 84.1%; Average loss: 1.2172  
Iteration: 3365; Percent complete: 84.1%; Average loss: 1.1812  
Iteration: 3366; Percent complete: 84.2%; Average loss: 1.0445  
Iteration: 3367; Percent complete: 84.2%; Average loss: 1.0987  
Iteration: 3368; Percent complete: 84.2%; Average loss: 1.2187  
Iteration: 3369; Percent complete: 84.2%; Average loss: 1.0534  
Iteration: 3370; Percent complete: 84.2%; Average loss: 1.0470  
Iteration: 3371; Percent complete: 84.3%; Average loss: 1.3615  
Iteration: 3372; Percent complete: 84.3%; Average loss: 1.2126  
Iteration: 3373; Percent complete: 84.3%; Average loss: 0.9777  
Iteration: 3374; Percent complete: 84.4%; Average loss: 1.2035  
Iteration: 3375; Percent complete: 84.4%; Average loss: 1.3049  
Iteration: 3376; Percent complete: 84.4%; Average loss: 1.0320  
Iteration: 3377; Percent complete: 84.4%; Average loss: 1.2047  
Iteration: 3378; Percent complete: 84.5%; Average loss: 1.3169  
Iteration: 3379; Percent complete: 84.5%; Average loss: 1.1900  
Iteration: 3380; Percent complete: 84.5%; Average loss: 1.3105  
Iteration: 3381; Percent complete: 84.5%; Average loss: 1.2963  
Iteration: 3382; Percent complete: 84.5%; Average loss: 1.0381  
Iteration: 3383; Percent complete: 84.6%; Average loss: 1.2712  
Iteration: 3384; Percent complete: 84.6%; Average loss: 1.2666  
Iteration: 3385; Percent complete: 84.6%; Average loss: 1.0334  
Iteration: 3386; Percent complete: 84.7%; Average loss: 1.0857  
Iteration: 3387; Percent complete: 84.7%; Average loss: 1.0616

Iteration: 3387; Percent complete: 84.7%; Average loss: 1.0010  
Iteration: 3388; Percent complete: 84.7%; Average loss: 1.2132  
Iteration: 3389; Percent complete: 84.7%; Average loss: 1.0613  
Iteration: 3390; Percent complete: 84.8%; Average loss: 1.2401  
Iteration: 3391; Percent complete: 84.8%; Average loss: 1.3914  
Iteration: 3392; Percent complete: 84.8%; Average loss: 1.1986  
Iteration: 3393; Percent complete: 84.8%; Average loss: 1.2815  
Iteration: 3394; Percent complete: 84.9%; Average loss: 0.9612  
Iteration: 3395; Percent complete: 84.9%; Average loss: 1.2645  
Iteration: 3396; Percent complete: 84.9%; Average loss: 1.1602  
Iteration: 3397; Percent complete: 84.9%; Average loss: 1.1068  
Iteration: 3398; Percent complete: 85.0%; Average loss: 1.1222  
Iteration: 3399; Percent complete: 85.0%; Average loss: 0.9976  
Iteration: 3400; Percent complete: 85.0%; Average loss: 1.3215  
Iteration: 3401; Percent complete: 85.0%; Average loss: 1.2306  
Iteration: 3402; Percent complete: 85.0%; Average loss: 1.2519  
Iteration: 3403; Percent complete: 85.1%; Average loss: 1.1970  
Iteration: 3404; Percent complete: 85.1%; Average loss: 1.1682  
Iteration: 3405; Percent complete: 85.1%; Average loss: 1.0926  
Iteration: 3406; Percent complete: 85.2%; Average loss: 1.1332  
Iteration: 3407; Percent complete: 85.2%; Average loss: 0.9218  
Iteration: 3408; Percent complete: 85.2%; Average loss: 1.2901  
Iteration: 3409; Percent complete: 85.2%; Average loss: 1.1334  
Iteration: 3410; Percent complete: 85.2%; Average loss: 1.1222  
Iteration: 3411; Percent complete: 85.3%; Average loss: 0.9921  
Iteration: 3412; Percent complete: 85.3%; Average loss: 0.9888  
Iteration: 3413; Percent complete: 85.3%; Average loss: 1.0648  
Iteration: 3414; Percent complete: 85.4%; Average loss: 1.1813  
Iteration: 3415; Percent complete: 85.4%; Average loss: 1.1321  
Iteration: 3416; Percent complete: 85.4%; Average loss: 1.1187  
Iteration: 3417; Percent complete: 85.4%; Average loss: 1.3737  
Iteration: 3418; Percent complete: 85.5%; Average loss: 1.0090  
Iteration: 3419; Percent complete: 85.5%; Average loss: 1.1010  
Iteration: 3420; Percent complete: 85.5%; Average loss: 1.0380  
Iteration: 3421; Percent complete: 85.5%; Average loss: 1.5360  
Iteration: 3422; Percent complete: 85.5%; Average loss: 1.1134  
Iteration: 3423; Percent complete: 85.6%; Average loss: 1.0276  
Iteration: 3424; Percent complete: 85.6%; Average loss: 1.0725  
Iteration: 3425; Percent complete: 85.6%; Average loss: 1.2695  
Iteration: 3426; Percent complete: 85.7%; Average loss: 1.1159  
Iteration: 3427; Percent complete: 85.7%; Average loss: 1.3004  
Iteration: 3428; Percent complete: 85.7%; Average loss: 1.0413  
Iteration: 3429; Percent complete: 85.7%; Average loss: 1.4220  
Iteration: 3430; Percent complete: 85.8%; Average loss: 1.2687  
Iteration: 3431; Percent complete: 85.8%; Average loss: 1.0557  
Iteration: 3432; Percent complete: 85.8%; Average loss: 1.0098  
Iteration: 3433; Percent complete: 85.8%; Average loss: 1.0391  
Iteration: 3434; Percent complete: 85.9%; Average loss: 1.3440  
Iteration: 3435; Percent complete: 85.9%; Average loss: 1.1692  
Iteration: 3436; Percent complete: 85.9%; Average loss: 1.2636  
Iteration: 3437; Percent complete: 85.9%; Average loss: 0.9429  
Iteration: 3438; Percent complete: 86.0%; Average loss: 1.1389  
Iteration: 3439; Percent complete: 86.0%; Average loss: 1.1188  
Iteration: 3440; Percent complete: 86.0%; Average loss: 1.0414  
Iteration: 3441; Percent complete: 86.0%; Average loss: 1.1263  
Iteration: 3442; Percent complete: 86.1%; Average loss: 1.1098  
Iteration: 3443; Percent complete: 86.1%; Average loss: 1.1961  
Iteration: 3444; Percent complete: 86.1%; Average loss: 1.1903  
Iteration: 3445; Percent complete: 86.1%; Average loss: 1.1903  
Iteration: 3446; Percent complete: 86.2%; Average loss: 1.2436  
Iteration: 3447; Percent complete: 86.2%; Average loss: 1.2224  
Iteration: 3448; Percent complete: 86.2%; Average loss: 1.0256  
Iteration: 3449; Percent complete: 86.2%; Average loss: 1.0999  
Iteration: 3450; Percent complete: 86.2%; Average loss: 1.2186  
Iteration: 3451; Percent complete: 86.3%; Average loss: 1.1121  
Iteration: 3452; Percent complete: 86.3%; Average loss: 1.1659  
Iteration: 3453; Percent complete: 86.3%; Average loss: 1.2106  
Iteration: 3454; Percent complete: 86.4%; Average loss: 1.1073  
Iteration: 3455; Percent complete: 86.4%; Average loss: 1.1546  
Iteration: 3456; Percent complete: 86.4%; Average loss: 1.2033  
Iteration: 3457; Percent complete: 86.4%; Average loss: 1.1245  
Iteration: 3458; Percent complete: 86.5%; Average loss: 1.0152  
Iteration: 3459; Percent complete: 86.5%; Average loss: 1.2627  
Iteration: 3460; Percent complete: 86.5%; Average loss: 1.1713  
Iteration: 3461; Percent complete: 86.5%; Average loss: 1.0984  
Iteration: 3462; Percent complete: 86.6%; Average loss: 1.1528  
Iteration: 3463; Percent complete: 86.6%; Average loss: 1.3009  
Iteration: 3464; Percent complete: 86.6%; Average loss: 1.2041  
Iteration: 3465; Percent complete: 86.6%; Average loss: 1.3934  
Iteration: 3466; Percent complete: 86.7%; Average loss: 1.2910  
Iteration: 3467; Percent complete: 86.7%; Average loss: 1.0024  
Iteration: 3468; Percent complete: 86.7%; Average loss: 1.1625  
Iteration: 3469; Percent complete: 86.7%; Average loss: 1.2187  
Iteration: 3470; Percent complete: 86.8%; Average loss: 1.1294  
Iteration: 3471; Percent complete: 86.8%; Average loss: 1.4425  
Iteration: 3472; Percent complete: 86.8%; Average loss: 1.3633  
Iteration: 3473; Percent complete: 86.8%; Average loss: 1.1074  
Iteration: 3474; Percent complete: 86.9%; Average loss: 1.2164  
Iteration: 3475; Percent complete: 86.9%; Average loss: 1.1432  
Iteration: 3476; Percent complete: 86.9%; Average loss: 0.8708  
Iteration: 3477; Percent complete: 86.9%; Average loss: 1.0653  
Iteration: 3478; Percent complete: 87.0%; Average loss: 1.0237





Iteration: 3570; Percent complete: 89.2%; Average loss: 1.1327  
Iteration: 3571; Percent complete: 89.3%; Average loss: 1.1853  
Iteration: 3572; Percent complete: 89.3%; Average loss: 1.2296  
Iteration: 3573; Percent complete: 89.3%; Average loss: 1.1692  
Iteration: 3574; Percent complete: 89.3%; Average loss: 1.2760  
Iteration: 3575; Percent complete: 89.4%; Average loss: 1.1117  
Iteration: 3576; Percent complete: 89.4%; Average loss: 1.2447  
Iteration: 3577; Percent complete: 89.4%; Average loss: 1.0168  
Iteration: 3578; Percent complete: 89.5%; Average loss: 1.2839  
Iteration: 3579; Percent complete: 89.5%; Average loss: 1.2209  
Iteration: 3580; Percent complete: 89.5%; Average loss: 1.1155  
Iteration: 3581; Percent complete: 89.5%; Average loss: 1.2014  
Iteration: 3582; Percent complete: 89.5%; Average loss: 1.1259  
Iteration: 3583; Percent complete: 89.6%; Average loss: 1.1901  
Iteration: 3584; Percent complete: 89.6%; Average loss: 1.0226  
Iteration: 3585; Percent complete: 89.6%; Average loss: 1.0725  
Iteration: 3586; Percent complete: 89.6%; Average loss: 1.1319  
Iteration: 3587; Percent complete: 89.7%; Average loss: 1.0473  
Iteration: 3588; Percent complete: 89.7%; Average loss: 0.9966  
Iteration: 3589; Percent complete: 89.7%; Average loss: 1.2503  
Iteration: 3590; Percent complete: 89.8%; Average loss: 1.1260  
Iteration: 3591; Percent complete: 89.8%; Average loss: 1.4280  
Iteration: 3592; Percent complete: 89.8%; Average loss: 1.2588  
Iteration: 3593; Percent complete: 89.8%; Average loss: 1.1311  
Iteration: 3594; Percent complete: 89.8%; Average loss: 1.2778  
Iteration: 3595; Percent complete: 89.9%; Average loss: 1.1106  
Iteration: 3596; Percent complete: 89.9%; Average loss: 1.1546  
Iteration: 3597; Percent complete: 89.9%; Average loss: 1.2630  
Iteration: 3598; Percent complete: 90.0%; Average loss: 1.0199  
Iteration: 3599; Percent complete: 90.0%; Average loss: 1.2797  
Iteration: 3600; Percent complete: 90.0%; Average loss: 0.9503  
Iteration: 3601; Percent complete: 90.0%; Average loss: 0.9765  
Iteration: 3602; Percent complete: 90.0%; Average loss: 1.0690  
Iteration: 3603; Percent complete: 90.1%; Average loss: 1.1628  
Iteration: 3604; Percent complete: 90.1%; Average loss: 1.3741  
Iteration: 3605; Percent complete: 90.1%; Average loss: 1.0548  
Iteration: 3606; Percent complete: 90.1%; Average loss: 1.2793  
Iteration: 3607; Percent complete: 90.2%; Average loss: 1.2870  
Iteration: 3608; Percent complete: 90.2%; Average loss: 1.0865  
Iteration: 3609; Percent complete: 90.2%; Average loss: 1.0067  
Iteration: 3610; Percent complete: 90.2%; Average loss: 1.0368  
Iteration: 3611; Percent complete: 90.3%; Average loss: 1.3117  
Iteration: 3612; Percent complete: 90.3%; Average loss: 1.3441  
Iteration: 3613; Percent complete: 90.3%; Average loss: 1.0259  
Iteration: 3614; Percent complete: 90.3%; Average loss: 1.0899  
Iteration: 3615; Percent complete: 90.4%; Average loss: 1.1456  
Iteration: 3616; Percent complete: 90.4%; Average loss: 1.0369  
Iteration: 3617; Percent complete: 90.4%; Average loss: 1.4735  
Iteration: 3618; Percent complete: 90.5%; Average loss: 0.9694  
Iteration: 3619; Percent complete: 90.5%; Average loss: 1.0712  
Iteration: 3620; Percent complete: 90.5%; Average loss: 1.1674  
Iteration: 3621; Percent complete: 90.5%; Average loss: 1.1068  
Iteration: 3622; Percent complete: 90.5%; Average loss: 0.9590  
Iteration: 3623; Percent complete: 90.6%; Average loss: 1.2076  
Iteration: 3624; Percent complete: 90.6%; Average loss: 1.1913  
Iteration: 3625; Percent complete: 90.6%; Average loss: 1.2860  
Iteration: 3626; Percent complete: 90.6%; Average loss: 1.2134  
Iteration: 3627; Percent complete: 90.7%; Average loss: 1.0947  
Iteration: 3628; Percent complete: 90.7%; Average loss: 1.3710  
Iteration: 3629; Percent complete: 90.7%; Average loss: 0.9870  
Iteration: 3630; Percent complete: 90.8%; Average loss: 1.1469  
Iteration: 3631; Percent complete: 90.8%; Average loss: 1.1713  
Iteration: 3632; Percent complete: 90.8%; Average loss: 1.1910  
Iteration: 3633; Percent complete: 90.8%; Average loss: 1.0199  
Iteration: 3634; Percent complete: 90.8%; Average loss: 1.1934  
Iteration: 3635; Percent complete: 90.9%; Average loss: 1.2905  
Iteration: 3636; Percent complete: 90.9%; Average loss: 1.0265  
Iteration: 3637; Percent complete: 90.9%; Average loss: 1.0644  
Iteration: 3638; Percent complete: 91.0%; Average loss: 1.2310  
Iteration: 3639; Percent complete: 91.0%; Average loss: 1.0324  
Iteration: 3640; Percent complete: 91.0%; Average loss: 1.1984  
Iteration: 3641; Percent complete: 91.0%; Average loss: 1.1465  
Iteration: 3642; Percent complete: 91.0%; Average loss: 1.1990  
Iteration: 3643; Percent complete: 91.1%; Average loss: 0.9245  
Iteration: 3644; Percent complete: 91.1%; Average loss: 1.2056  
Iteration: 3645; Percent complete: 91.1%; Average loss: 1.1766  
Iteration: 3646; Percent complete: 91.1%; Average loss: 1.1164  
Iteration: 3647; Percent complete: 91.2%; Average loss: 1.2401  
Iteration: 3648; Percent complete: 91.2%; Average loss: 0.9988  
Iteration: 3649; Percent complete: 91.2%; Average loss: 1.1848  
Iteration: 3650; Percent complete: 91.2%; Average loss: 0.9652  
Iteration: 3651; Percent complete: 91.3%; Average loss: 1.3257  
Iteration: 3652; Percent complete: 91.3%; Average loss: 1.1857  
Iteration: 3653; Percent complete: 91.3%; Average loss: 1.4021  
Iteration: 3654; Percent complete: 91.3%; Average loss: 1.1710  
Iteration: 3655; Percent complete: 91.4%; Average loss: 1.2902  
Iteration: 3656; Percent complete: 91.4%; Average loss: 1.0239  
Iteration: 3657; Percent complete: 91.4%; Average loss: 1.0510  
Iteration: 3658; Percent complete: 91.5%; Average loss: 1.0683  
Iteration: 3659; Percent complete: 91.5%; Average loss: 1.1136  
Iteration: 3660; Percent complete: 91.5%; Average loss: 1.1110

Iteration: 3661; Percent complete: 91.5%; Average loss: 1.1922  
Iteration: 3662; Percent complete: 91.5%; Average loss: 1.2122  
Iteration: 3663; Percent complete: 91.6%; Average loss: 1.2796  
Iteration: 3664; Percent complete: 91.6%; Average loss: 1.0234  
Iteration: 3665; Percent complete: 91.6%; Average loss: 1.0453  
Iteration: 3666; Percent complete: 91.6%; Average loss: 1.2577  
Iteration: 3667; Percent complete: 91.7%; Average loss: 1.3404  
Iteration: 3668; Percent complete: 91.7%; Average loss: 1.1865  
Iteration: 3669; Percent complete: 91.7%; Average loss: 1.0840  
Iteration: 3670; Percent complete: 91.8%; Average loss: 1.1846  
Iteration: 3671; Percent complete: 91.8%; Average loss: 1.3399  
Iteration: 3672; Percent complete: 91.8%; Average loss: 1.1466  
Iteration: 3673; Percent complete: 91.8%; Average loss: 1.0622  
Iteration: 3674; Percent complete: 91.8%; Average loss: 1.3097  
Iteration: 3675; Percent complete: 91.9%; Average loss: 0.9661  
Iteration: 3676; Percent complete: 91.9%; Average loss: 1.0641  
Iteration: 3677; Percent complete: 91.9%; Average loss: 1.1940  
Iteration: 3678; Percent complete: 92.0%; Average loss: 1.2737  
Iteration: 3679; Percent complete: 92.0%; Average loss: 1.0603  
Iteration: 3680; Percent complete: 92.0%; Average loss: 1.1166  
Iteration: 3681; Percent complete: 92.0%; Average loss: 1.2763  
Iteration: 3682; Percent complete: 92.0%; Average loss: 1.0633  
Iteration: 3683; Percent complete: 92.1%; Average loss: 1.3034  
Iteration: 3684; Percent complete: 92.1%; Average loss: 1.1905  
Iteration: 3685; Percent complete: 92.1%; Average loss: 1.1212  
Iteration: 3686; Percent complete: 92.2%; Average loss: 0.9958  
Iteration: 3687; Percent complete: 92.2%; Average loss: 1.3774  
Iteration: 3688; Percent complete: 92.2%; Average loss: 1.1588  
Iteration: 3689; Percent complete: 92.2%; Average loss: 1.0414  
Iteration: 3690; Percent complete: 92.2%; Average loss: 1.1402  
Iteration: 3691; Percent complete: 92.3%; Average loss: 1.0559  
Iteration: 3692; Percent complete: 92.3%; Average loss: 1.2394  
Iteration: 3693; Percent complete: 92.3%; Average loss: 1.0299  
Iteration: 3694; Percent complete: 92.3%; Average loss: 1.1921  
Iteration: 3695; Percent complete: 92.4%; Average loss: 1.0305  
Iteration: 3696; Percent complete: 92.4%; Average loss: 1.0817  
Iteration: 3697; Percent complete: 92.4%; Average loss: 1.0625  
Iteration: 3698; Percent complete: 92.5%; Average loss: 1.2354  
Iteration: 3699; Percent complete: 92.5%; Average loss: 1.0707  
Iteration: 3700; Percent complete: 92.5%; Average loss: 1.2801  
Iteration: 3701; Percent complete: 92.5%; Average loss: 1.1379  
Iteration: 3702; Percent complete: 92.5%; Average loss: 1.2154  
Iteration: 3703; Percent complete: 92.6%; Average loss: 1.3742  
Iteration: 3704; Percent complete: 92.6%; Average loss: 1.1245  
Iteration: 3705; Percent complete: 92.6%; Average loss: 1.1629  
Iteration: 3706; Percent complete: 92.7%; Average loss: 1.1379  
Iteration: 3707; Percent complete: 92.7%; Average loss: 1.1360  
Iteration: 3708; Percent complete: 92.7%; Average loss: 0.9644  
Iteration: 3709; Percent complete: 92.7%; Average loss: 1.1684  
Iteration: 3710; Percent complete: 92.8%; Average loss: 1.1577  
Iteration: 3711; Percent complete: 92.8%; Average loss: 1.2351  
Iteration: 3712; Percent complete: 92.8%; Average loss: 0.9115  
Iteration: 3713; Percent complete: 92.8%; Average loss: 1.1738  
Iteration: 3714; Percent complete: 92.8%; Average loss: 1.1614  
Iteration: 3715; Percent complete: 92.9%; Average loss: 1.1602  
Iteration: 3716; Percent complete: 92.9%; Average loss: 1.2270  
Iteration: 3717; Percent complete: 92.9%; Average loss: 1.0898  
Iteration: 3718; Percent complete: 93.0%; Average loss: 1.3093  
Iteration: 3719; Percent complete: 93.0%; Average loss: 0.9320  
Iteration: 3720; Percent complete: 93.0%; Average loss: 1.1467  
Iteration: 3721; Percent complete: 93.0%; Average loss: 1.3849  
Iteration: 3722; Percent complete: 93.0%; Average loss: 1.2964  
Iteration: 3723; Percent complete: 93.1%; Average loss: 0.9998  
Iteration: 3724; Percent complete: 93.1%; Average loss: 1.3639  
Iteration: 3725; Percent complete: 93.1%; Average loss: 1.1803  
Iteration: 3726; Percent complete: 93.2%; Average loss: 1.1478  
Iteration: 3727; Percent complete: 93.2%; Average loss: 1.1118  
Iteration: 3728; Percent complete: 93.2%; Average loss: 1.1619  
Iteration: 3729; Percent complete: 93.2%; Average loss: 1.0957  
Iteration: 3730; Percent complete: 93.2%; Average loss: 1.2571  
Iteration: 3731; Percent complete: 93.3%; Average loss: 1.2579  
Iteration: 3732; Percent complete: 93.3%; Average loss: 1.1230  
Iteration: 3733; Percent complete: 93.3%; Average loss: 1.1573  
Iteration: 3734; Percent complete: 93.3%; Average loss: 0.9605  
Iteration: 3735; Percent complete: 93.4%; Average loss: 1.0000  
Iteration: 3736; Percent complete: 93.4%; Average loss: 1.3065  
Iteration: 3737; Percent complete: 93.4%; Average loss: 1.2301  
Iteration: 3738; Percent complete: 93.5%; Average loss: 1.1814  
Iteration: 3739; Percent complete: 93.5%; Average loss: 1.1533  
Iteration: 3740; Percent complete: 93.5%; Average loss: 1.0296  
Iteration: 3741; Percent complete: 93.5%; Average loss: 1.0585  
Iteration: 3742; Percent complete: 93.5%; Average loss: 1.0206  
Iteration: 3743; Percent complete: 93.6%; Average loss: 1.2528  
Iteration: 3744; Percent complete: 93.6%; Average loss: 1.1606  
Iteration: 3745; Percent complete: 93.6%; Average loss: 0.9792  
Iteration: 3746; Percent complete: 93.7%; Average loss: 1.1097  
Iteration: 3747; Percent complete: 93.7%; Average loss: 1.1517  
Iteration: 3748; Percent complete: 93.7%; Average loss: 1.2049  
Iteration: 3749; Percent complete: 93.7%; Average loss: 1.2146  
Iteration: 3750; Percent complete: 93.8%; Average loss: 1.2111  
Iteration: 3751; Percent complete: 93.8%; Average loss: 1.1913  
Iteration: 3752; Percent complete: 93.8%; Average loss: 1.1326

|                  |                   |        |               |        |
|------------------|-------------------|--------|---------------|--------|
| Iteration: 3752; | Percent complete: | 95.8%; | Average loss: | 1.1504 |
| Iteration: 3753; | Percent complete: | 93.8%; | Average loss: | 1.2647 |
| Iteration: 3754; | Percent complete: | 93.8%; | Average loss: | 1.2177 |
| Iteration: 3755; | Percent complete: | 93.9%; | Average loss: | 1.0750 |
| Iteration: 3756; | Percent complete: | 93.9%; | Average loss: | 1.1499 |
| Iteration: 3757; | Percent complete: | 93.9%; | Average loss: | 1.0539 |
| Iteration: 3758; | Percent complete: | 94.0%; | Average loss: | 1.1759 |
| Iteration: 3759; | Percent complete: | 94.0%; | Average loss: | 1.0552 |
| Iteration: 3760; | Percent complete: | 94.0%; | Average loss: | 1.2569 |
| Iteration: 3761; | Percent complete: | 94.0%; | Average loss: | 1.1477 |
| Iteration: 3762; | Percent complete: | 94.0%; | Average loss: | 1.2354 |
| Iteration: 3763; | Percent complete: | 94.1%; | Average loss: | 1.1094 |
| Iteration: 3764; | Percent complete: | 94.1%; | Average loss: | 1.2567 |
| Iteration: 3765; | Percent complete: | 94.1%; | Average loss: | 1.2699 |
| Iteration: 3766; | Percent complete: | 94.2%; | Average loss: | 1.2248 |
| Iteration: 3767; | Percent complete: | 94.2%; | Average loss: | 1.1612 |
| Iteration: 3768; | Percent complete: | 94.2%; | Average loss: | 0.9438 |
| Iteration: 3769; | Percent complete: | 94.2%; | Average loss: | 1.1212 |
| Iteration: 3770; | Percent complete: | 94.2%; | Average loss: | 1.0677 |
| Iteration: 3771; | Percent complete: | 94.3%; | Average loss: | 1.1492 |
| Iteration: 3772; | Percent complete: | 94.3%; | Average loss: | 1.1939 |
| Iteration: 3773; | Percent complete: | 94.3%; | Average loss: | 1.2499 |
| Iteration: 3774; | Percent complete: | 94.3%; | Average loss: | 1.1453 |
| Iteration: 3775; | Percent complete: | 94.4%; | Average loss: | 0.9422 |
| Iteration: 3776; | Percent complete: | 94.4%; | Average loss: | 1.1814 |
| Iteration: 3777; | Percent complete: | 94.4%; | Average loss: | 1.0107 |
| Iteration: 3778; | Percent complete: | 94.5%; | Average loss: | 1.0849 |
| Iteration: 3779; | Percent complete: | 94.5%; | Average loss: | 1.2282 |
| Iteration: 3780; | Percent complete: | 94.5%; | Average loss: | 1.1633 |
| Iteration: 3781; | Percent complete: | 94.5%; | Average loss: | 1.2933 |
| Iteration: 3782; | Percent complete: | 94.5%; | Average loss: | 1.0963 |
| Iteration: 3783; | Percent complete: | 94.6%; | Average loss: | 1.1122 |
| Iteration: 3784; | Percent complete: | 94.6%; | Average loss: | 1.0883 |
| Iteration: 3785; | Percent complete: | 94.6%; | Average loss: | 1.2007 |
| Iteration: 3786; | Percent complete: | 94.7%; | Average loss: | 1.2890 |
| Iteration: 3787; | Percent complete: | 94.7%; | Average loss: | 1.1984 |
| Iteration: 3788; | Percent complete: | 94.7%; | Average loss: | 1.0439 |
| Iteration: 3789; | Percent complete: | 94.7%; | Average loss: | 1.0369 |
| Iteration: 3790; | Percent complete: | 94.8%; | Average loss: | 1.0039 |
| Iteration: 3791; | Percent complete: | 94.8%; | Average loss: | 1.1798 |
| Iteration: 3792; | Percent complete: | 94.8%; | Average loss: | 1.4890 |
| Iteration: 3793; | Percent complete: | 94.8%; | Average loss: | 1.2690 |
| Iteration: 3794; | Percent complete: | 94.8%; | Average loss: | 1.3465 |
| Iteration: 3795; | Percent complete: | 94.9%; | Average loss: | 1.0710 |
| Iteration: 3796; | Percent complete: | 94.9%; | Average loss: | 1.0504 |
| Iteration: 3797; | Percent complete: | 94.9%; | Average loss: | 1.1080 |
| Iteration: 3798; | Percent complete: | 95.0%; | Average loss: | 1.2399 |
| Iteration: 3799; | Percent complete: | 95.0%; | Average loss: | 1.1488 |
| Iteration: 3800; | Percent complete: | 95.0%; | Average loss: | 1.3989 |
| Iteration: 3801; | Percent complete: | 95.0%; | Average loss: | 1.2933 |
| Iteration: 3802; | Percent complete: | 95.0%; | Average loss: | 1.1177 |
| Iteration: 3803; | Percent complete: | 95.1%; | Average loss: | 1.2664 |
| Iteration: 3804; | Percent complete: | 95.1%; | Average loss: | 1.0743 |
| Iteration: 3805; | Percent complete: | 95.1%; | Average loss: | 1.2784 |
| Iteration: 3806; | Percent complete: | 95.2%; | Average loss: | 1.2883 |
| Iteration: 3807; | Percent complete: | 95.2%; | Average loss: | 1.1797 |
| Iteration: 3808; | Percent complete: | 95.2%; | Average loss: | 1.1650 |
| Iteration: 3809; | Percent complete: | 95.2%; | Average loss: | 1.1933 |
| Iteration: 3810; | Percent complete: | 95.2%; | Average loss: | 1.1310 |
| Iteration: 3811; | Percent complete: | 95.3%; | Average loss: | 1.1330 |
| Iteration: 3812; | Percent complete: | 95.3%; | Average loss: | 1.0053 |
| Iteration: 3813; | Percent complete: | 95.3%; | Average loss: | 1.3739 |
| Iteration: 3814; | Percent complete: | 95.3%; | Average loss: | 1.1100 |
| Iteration: 3815; | Percent complete: | 95.4%; | Average loss: | 1.1170 |
| Iteration: 3816; | Percent complete: | 95.4%; | Average loss: | 1.1853 |
| Iteration: 3817; | Percent complete: | 95.4%; | Average loss: | 1.2023 |
| Iteration: 3818; | Percent complete: | 95.5%; | Average loss: | 1.2688 |
| Iteration: 3819; | Percent complete: | 95.5%; | Average loss: | 1.0423 |
| Iteration: 3820; | Percent complete: | 95.5%; | Average loss: | 1.1099 |
| Iteration: 3821; | Percent complete: | 95.5%; | Average loss: | 1.1033 |
| Iteration: 3822; | Percent complete: | 95.5%; | Average loss: | 1.4643 |
| Iteration: 3823; | Percent complete: | 95.6%; | Average loss: | 1.2812 |
| Iteration: 3824; | Percent complete: | 95.6%; | Average loss: | 1.0053 |
| Iteration: 3825; | Percent complete: | 95.6%; | Average loss: | 1.1388 |
| Iteration: 3826; | Percent complete: | 95.7%; | Average loss: | 1.2613 |
| Iteration: 3827; | Percent complete: | 95.7%; | Average loss: | 1.2572 |
| Iteration: 3828; | Percent complete: | 95.7%; | Average loss: | 1.1004 |
| Iteration: 3829; | Percent complete: | 95.7%; | Average loss: | 1.2043 |
| Iteration: 3830; | Percent complete: | 95.8%; | Average loss: | 0.9597 |
| Iteration: 3831; | Percent complete: | 95.8%; | Average loss: | 1.1979 |
| Iteration: 3832; |                   |        |               |        |

Iteration: 3844; Percent complete: 96.1%; Average loss: 1.2073  
Iteration: 3845; Percent complete: 96.1%; Average loss: 1.1451  
Iteration: 3846; Percent complete: 96.2%; Average loss: 1.1457  
Iteration: 3847; Percent complete: 96.2%; Average loss: 1.2497  
Iteration: 3848; Percent complete: 96.2%; Average loss: 1.1356  
Iteration: 3849; Percent complete: 96.2%; Average loss: 1.2301  
Iteration: 3850; Percent complete: 96.2%; Average loss: 1.0768  
Iteration: 3851; Percent complete: 96.3%; Average loss: 1.2540  
Iteration: 3852; Percent complete: 96.3%; Average loss: 1.1604  
Iteration: 3853; Percent complete: 96.3%; Average loss: 1.1842  
Iteration: 3854; Percent complete: 96.4%; Average loss: 1.2449  
Iteration: 3855; Percent complete: 96.4%; Average loss: 1.2211  
Iteration: 3856; Percent complete: 96.4%; Average loss: 0.9976  
Iteration: 3857; Percent complete: 96.4%; Average loss: 1.2257  
Iteration: 3858; Percent complete: 96.5%; Average loss: 1.1383  
Iteration: 3859; Percent complete: 96.5%; Average loss: 1.1971  
Iteration: 3860; Percent complete: 96.5%; Average loss: 0.9348  
Iteration: 3861; Percent complete: 96.5%; Average loss: 1.0851  
Iteration: 3862; Percent complete: 96.5%; Average loss: 1.1531  
Iteration: 3863; Percent complete: 96.6%; Average loss: 1.3185  
Iteration: 3864; Percent complete: 96.6%; Average loss: 1.2509  
Iteration: 3865; Percent complete: 96.6%; Average loss: 1.1100  
Iteration: 3866; Percent complete: 96.7%; Average loss: 1.1870  
Iteration: 3867; Percent complete: 96.7%; Average loss: 1.2811  
Iteration: 3868; Percent complete: 96.7%; Average loss: 1.1931  
Iteration: 3869; Percent complete: 96.7%; Average loss: 1.1599  
Iteration: 3870; Percent complete: 96.8%; Average loss: 0.9409  
Iteration: 3871; Percent complete: 96.8%; Average loss: 1.0390  
Iteration: 3872; Percent complete: 96.8%; Average loss: 1.2004  
Iteration: 3873; Percent complete: 96.8%; Average loss: 1.2223  
Iteration: 3874; Percent complete: 96.9%; Average loss: 1.1451  
Iteration: 3875; Percent complete: 96.9%; Average loss: 1.1852  
Iteration: 3876; Percent complete: 96.9%; Average loss: 1.3688  
Iteration: 3877; Percent complete: 96.9%; Average loss: 1.0352  
Iteration: 3878; Percent complete: 97.0%; Average loss: 1.3197  
Iteration: 3879; Percent complete: 97.0%; Average loss: 1.0877  
Iteration: 3880; Percent complete: 97.0%; Average loss: 1.0736  
Iteration: 3881; Percent complete: 97.0%; Average loss: 1.0524  
Iteration: 3882; Percent complete: 97.0%; Average loss: 1.1411  
Iteration: 3883; Percent complete: 97.1%; Average loss: 1.1345  
Iteration: 3884; Percent complete: 97.1%; Average loss: 1.1633  
Iteration: 3885; Percent complete: 97.1%; Average loss: 1.1122  
Iteration: 3886; Percent complete: 97.2%; Average loss: 1.0261  
Iteration: 3887; Percent complete: 97.2%; Average loss: 1.2554  
Iteration: 3888; Percent complete: 97.2%; Average loss: 1.1081  
Iteration: 3889; Percent complete: 97.2%; Average loss: 1.1100  
Iteration: 3890; Percent complete: 97.2%; Average loss: 1.0956  
Iteration: 3891; Percent complete: 97.3%; Average loss: 1.0131  
Iteration: 3892; Percent complete: 97.3%; Average loss: 1.2608  
Iteration: 3893; Percent complete: 97.3%; Average loss: 1.0211  
Iteration: 3894; Percent complete: 97.4%; Average loss: 1.0093  
Iteration: 3895; Percent complete: 97.4%; Average loss: 1.1706  
Iteration: 3896; Percent complete: 97.4%; Average loss: 1.0536  
Iteration: 3897; Percent complete: 97.4%; Average loss: 0.8531  
Iteration: 3898; Percent complete: 97.5%; Average loss: 1.0931  
Iteration: 3899; Percent complete: 97.5%; Average loss: 0.9816  
Iteration: 3900; Percent complete: 97.5%; Average loss: 1.0639  
Iteration: 3901; Percent complete: 97.5%; Average loss: 1.2171  
Iteration: 3902; Percent complete: 97.5%; Average loss: 1.1784  
Iteration: 3903; Percent complete: 97.6%; Average loss: 1.1104  
Iteration: 3904; Percent complete: 97.6%; Average loss: 1.2523  
Iteration: 3905; Percent complete: 97.6%; Average loss: 1.0198  
Iteration: 3906; Percent complete: 97.7%; Average loss: 1.0652  
Iteration: 3907; Percent complete: 97.7%; Average loss: 1.0703  
Iteration: 3908; Percent complete: 97.7%; Average loss: 1.1419  
Iteration: 3909; Percent complete: 97.7%; Average loss: 1.0234  
Iteration: 3910; Percent complete: 97.8%; Average loss: 1.0554  
Iteration: 3911; Percent complete: 97.8%; Average loss: 1.1254  
Iteration: 3912; Percent complete: 97.8%; Average loss: 1.1789  
Iteration: 3913; Percent complete: 97.8%; Average loss: 1.1419  
Iteration: 3914; Percent complete: 97.9%; Average loss: 1.1677  
Iteration: 3915; Percent complete: 97.9%; Average loss: 1.0209  
Iteration: 3916; Percent complete: 97.9%; Average loss: 1.0760  
Iteration: 3917; Percent complete: 97.9%; Average loss: 1.0304  
Iteration: 3918; Percent complete: 98.0%; Average loss: 1.1973  
Iteration: 3919; Percent complete: 98.0%; Average loss: 1.1368  
Iteration: 3920; Percent complete: 98.0%; Average loss: 1.0224  
Iteration: 3921; Percent complete: 98.0%; Average loss: 1.1058  
Iteration: 3922; Percent complete: 98.0%; Average loss: 1.0549  
Iteration: 3923; Percent complete: 98.1%; Average loss: 1.2958  
Iteration: 3924; Percent complete: 98.1%; Average loss: 1.1409  
Iteration: 3925; Percent complete: 98.1%; Average loss: 1.0454  
Iteration: 3926; Percent complete: 98.2%; Average loss: 1.0148  
Iteration: 3927; Percent complete: 98.2%; Average loss: 1.3073  
Iteration: 3928; Percent complete: 98.2%; Average loss: 1.3399  
Iteration: 3929; Percent complete: 98.2%; Average loss: 1.4031  
Iteration: 3930; Percent complete: 98.2%; Average loss: 1.0062  
Iteration: 3931; Percent complete: 98.3%; Average loss: 1.2037  
Iteration: 3932; Percent complete: 98.3%; Average loss: 0.8621  
Iteration: 3933; Percent complete: 98.3%; Average loss: 1.1937  
Iteration: 3934; Percent complete: 98.4%; Average loss: 1.1151

Iteration: 3935; Percent complete: 98.4%; Average loss: 1.0744  
Iteration: 3936; Percent complete: 98.4%; Average loss: 1.3436  
Iteration: 3937; Percent complete: 98.4%; Average loss: 1.3216  
Iteration: 3938; Percent complete: 98.5%; Average loss: 1.1199  
Iteration: 3939; Percent complete: 98.5%; Average loss: 1.1866  
Iteration: 3940; Percent complete: 98.5%; Average loss: 1.2640  
Iteration: 3941; Percent complete: 98.5%; Average loss: 1.3379  
Iteration: 3942; Percent complete: 98.6%; Average loss: 1.1347  
Iteration: 3943; Percent complete: 98.6%; Average loss: 1.1242  
Iteration: 3944; Percent complete: 98.6%; Average loss: 1.0957  
Iteration: 3945; Percent complete: 98.6%; Average loss: 1.0308  
Iteration: 3946; Percent complete: 98.7%; Average loss: 1.3055  
Iteration: 3947; Percent complete: 98.7%; Average loss: 1.1747  
Iteration: 3948; Percent complete: 98.7%; Average loss: 1.1776  
Iteration: 3949; Percent complete: 98.7%; Average loss: 1.0982  
Iteration: 3950; Percent complete: 98.8%; Average loss: 1.0569  
Iteration: 3951; Percent complete: 98.8%; Average loss: 0.8543  
Iteration: 3952; Percent complete: 98.8%; Average loss: 1.2579  
Iteration: 3953; Percent complete: 98.8%; Average loss: 1.0049  
Iteration: 3954; Percent complete: 98.9%; Average loss: 1.2343  
Iteration: 3955; Percent complete: 98.9%; Average loss: 1.1704  
Iteration: 3956; Percent complete: 98.9%; Average loss: 1.0201  
Iteration: 3957; Percent complete: 98.9%; Average loss: 1.3022  
Iteration: 3958; Percent complete: 99.0%; Average loss: 1.1061  
Iteration: 3959; Percent complete: 99.0%; Average loss: 1.1126  
Iteration: 3960; Percent complete: 99.0%; Average loss: 1.4040  
Iteration: 3961; Percent complete: 99.0%; Average loss: 0.9481  
Iteration: 3962; Percent complete: 99.1%; Average loss: 1.1866  
Iteration: 3963; Percent complete: 99.1%; Average loss: 1.0344  
Iteration: 3964; Percent complete: 99.1%; Average loss: 0.9254  
Iteration: 3965; Percent complete: 99.1%; Average loss: 1.3369  
Iteration: 3966; Percent complete: 99.2%; Average loss: 1.2525  
Iteration: 3967; Percent complete: 99.2%; Average loss: 1.0464  
Iteration: 3968; Percent complete: 99.2%; Average loss: 1.2328  
Iteration: 3969; Percent complete: 99.2%; Average loss: 1.2345  
Iteration: 3970; Percent complete: 99.2%; Average loss: 0.9195  
Iteration: 3971; Percent complete: 99.3%; Average loss: 1.1337  
Iteration: 3972; Percent complete: 99.3%; Average loss: 1.1003  
Iteration: 3973; Percent complete: 99.3%; Average loss: 0.8882  
Iteration: 3974; Percent complete: 99.4%; Average loss: 1.1728  
Iteration: 3975; Percent complete: 99.4%; Average loss: 1.0544  
Iteration: 3976; Percent complete: 99.4%; Average loss: 1.2125  
Iteration: 3977; Percent complete: 99.4%; Average loss: 1.2113  
Iteration: 3978; Percent complete: 99.5%; Average loss: 1.2035  
Iteration: 3979; Percent complete: 99.5%; Average loss: 1.1396  
Iteration: 3980; Percent complete: 99.5%; Average loss: 1.2200  
Iteration: 3981; Percent complete: 99.5%; Average loss: 1.0023  
Iteration: 3982; Percent complete: 99.6%; Average loss: 1.1887  
Iteration: 3983; Percent complete: 99.6%; Average loss: 1.3267  
Iteration: 3984; Percent complete: 99.6%; Average loss: 1.1085  
Iteration: 3985; Percent complete: 99.6%; Average loss: 1.0870  
Iteration: 3986; Percent complete: 99.7%; Average loss: 1.1908  
Iteration: 3987; Percent complete: 99.7%; Average loss: 1.1394  
Iteration: 3988; Percent complete: 99.7%; Average loss: 1.2136  
Iteration: 3989; Percent complete: 99.7%; Average loss: 1.2270  
Iteration: 3990; Percent complete: 99.8%; Average loss: 1.1782  
Iteration: 3991; Percent complete: 99.8%; Average loss: 1.2787  
Iteration: 3992; Percent complete: 99.8%; Average loss: 0.9488  
Iteration: 3993; Percent complete: 99.8%; Average loss: 1.1979  
Iteration: 3994; Percent complete: 99.9%; Average loss: 1.2011  
Iteration: 3995; Percent complete: 99.9%; Average loss: 1.2360  
Iteration: 3996; Percent complete: 99.9%; Average loss: 1.3911  
Iteration: 3997; Percent complete: 99.9%; Average loss: 1.1818  
Iteration: 3998; Percent complete: 100.0%; Average loss: 1.0571  
Iteration: 3999; Percent complete: 100.0%; Average loss: 1.3454  
Iteration: 4000; Percent complete: 100.0%; Average loss: 1.1301

### Run history:

batch loss   
epoch —  
loss —

### Run summary:

batch loss 1.13013  
epoch 11  
loss 1.18113

View run **lilac-sweep-11** at: <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps/runs/do7h7tz4>

View project at: <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps>

Synced 5 W&B file(s), 0 media file(s), 0 artifact file(s) and 0 other file(s)

Find logs at: ./wandb/run-20250928\_215256-do7h7tz4/logs

**wandb**: Agent Starting Run: p9ttki8y with config:

**wandb**: clip: 0

**wandb**: decoder\_learning\_ratio: 5

wandb: learning\_rate: 0.0025  
wandb: optimizer: adam  
wandb: teacher\_forcing\_ratio: 1  
Tracking run with wandb version 0.22.0  
Run data is saved locally in /content/wandb/run-20250928\_215629-p9ttki8y  
Syncing run [glowing-sweep-12](https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps/sweeps/jvrgq7ty) to [Weights & Biases \(docs\)](https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps/sweeps/jvrgq7ty)  
Sweep page: <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps/sweeps/jvrgq7ty>  
View project at <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps>  
View sweep at <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps/sweeps/jvrgq7ty>  
View run at <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps/runs/p9ttki8y>  
Building optimizers ...  
Starting Training!  
Initializing ...  
Training...  
Iteration: 1; Percent complete: 0.0%; Average loss: 1.2290  
Iteration: 2; Percent complete: 0.1%; Average loss: 1.2873  
Iteration: 3; Percent complete: 0.1%; Average loss: 1.1759  
Iteration: 4; Percent complete: 0.1%; Average loss: 0.9343  
Iteration: 5; Percent complete: 0.1%; Average loss: 1.3710  
Iteration: 6; Percent complete: 0.1%; Average loss: 1.0936  
Iteration: 7; Percent complete: 0.2%; Average loss: 1.0314  
Iteration: 8; Percent complete: 0.2%; Average loss: 0.9410  
Iteration: 9; Percent complete: 0.2%; Average loss: 1.0092  
Iteration: 10; Percent complete: 0.2%; Average loss: 1.3258  
Iteration: 11; Percent complete: 0.3%; Average loss: 1.0058  
Iteration: 12; Percent complete: 0.3%; Average loss: 1.1516  
Iteration: 13; Percent complete: 0.3%; Average loss: 1.2375  
Iteration: 14; Percent complete: 0.4%; Average loss: 1.0825  
Iteration: 15; Percent complete: 0.4%; Average loss: 1.1054  
Iteration: 16; Percent complete: 0.4%; Average loss: 1.0980  
Iteration: 17; Percent complete: 0.4%; Average loss: 1.0591  
Iteration: 18; Percent complete: 0.4%; Average loss: 1.5980  
Iteration: 19; Percent complete: 0.5%; Average loss: 1.2280  
Iteration: 20; Percent complete: 0.5%; Average loss: 1.0889  
Iteration: 21; Percent complete: 0.5%; Average loss: 1.2523  
Iteration: 22; Percent complete: 0.5%; Average loss: 1.2868  
Iteration: 23; Percent complete: 0.6%; Average loss: 1.0088  
Iteration: 24; Percent complete: 0.6%; Average loss: 1.0833  
Iteration: 25; Percent complete: 0.6%; Average loss: 1.1284  
Iteration: 26; Percent complete: 0.7%; Average loss: 1.2035  
Iteration: 27; Percent complete: 0.7%; Average loss: 1.0685  
Iteration: 28; Percent complete: 0.7%; Average loss: 1.1055  
Iteration: 29; Percent complete: 0.7%; Average loss: 1.1643  
Iteration: 30; Percent complete: 0.8%; Average loss: 1.1935  
Iteration: 31; Percent complete: 0.8%; Average loss: 1.1711  
Iteration: 32; Percent complete: 0.8%; Average loss: 1.3135  
Iteration: 33; Percent complete: 0.8%; Average loss: 1.2121  
Iteration: 34; Percent complete: 0.9%; Average loss: 1.0637  
Iteration: 35; Percent complete: 0.9%; Average loss: 1.1950  
Iteration: 36; Percent complete: 0.9%; Average loss: 1.0777  
Iteration: 37; Percent complete: 0.9%; Average loss: 1.0381  
Iteration: 38; Percent complete: 0.9%; Average loss: 1.1166  
Iteration: 39; Percent complete: 1.0%; Average loss: 1.0350  
Iteration: 40; Percent complete: 1.0%; Average loss: 1.1842  
Iteration: 41; Percent complete: 1.0%; Average loss: 1.4741  
Iteration: 42; Percent complete: 1.1%; Average loss: 0.9688  
Iteration: 43; Percent complete: 1.1%; Average loss: 1.3101  
Iteration: 44; Percent complete: 1.1%; Average loss: 1.2123  
Iteration: 45; Percent complete: 1.1%; Average loss: 1.1309  
Iteration: 46; Percent complete: 1.1%; Average loss: 1.3532  
Iteration: 47; Percent complete: 1.2%; Average loss: 1.1645  
Iteration: 48; Percent complete: 1.2%; Average loss: 1.1123  
Iteration: 49; Percent complete: 1.2%; Average loss: 1.0533  
Iteration: 50; Percent complete: 1.2%; Average loss: 1.2801  
Iteration: 51; Percent complete: 1.3%; Average loss: 1.1107  
Iteration: 52; Percent complete: 1.3%; Average loss: 1.1701  
Iteration: 53; Percent complete: 1.3%; Average loss: 1.3944  
Iteration: 54; Percent complete: 1.4%; Average loss: 1.1344  
Iteration: 55; Percent complete: 1.4%; Average loss: 1.0783  
Iteration: 56; Percent complete: 1.4%; Average loss: 1.1182  
Iteration: 57; Percent complete: 1.4%; Average loss: 1.1413  
Iteration: 58; Percent complete: 1.5%; Average loss: 1.0733  
Iteration: 59; Percent complete: 1.5%; Average loss: 1.3341  
Iteration: 60; Percent complete: 1.5%; Average loss: 1.0790  
Iteration: 61; Percent complete: 1.5%; Average loss: 1.0741  
Iteration: 62; Percent complete: 1.6%; Average loss: 1.1936  
Iteration: 63; Percent complete: 1.6%; Average loss: 0.9377  
Iteration: 64; Percent complete: 1.6%; Average loss: 1.2193  
Iteration: 65; Percent complete: 1.6%; Average loss: 1.0277  
Iteration: 66; Percent complete: 1.7%; Average loss: 1.2686  
Iteration: 67; Percent complete: 1.7%; Average loss: 0.9224  
Iteration: 68; Percent complete: 1.7%; Average loss: 1.2587  
Iteration: 69; Percent complete: 1.7%; Average loss: 1.1753  
Iteration: 70; Percent complete: 1.8%; Average loss: 1.0668  
Iteration: 71; Percent complete: 1.8%; Average loss: 1.0048  
Iteration: 72; Percent complete: 1.8%; Average loss: 1.1405  
Iteration: 73; Percent complete: 1.8%; Average loss: 1.0719  
Iteration: 74; Percent complete: 1.8%; Average loss: 1.1236  
Iteration: 75; Percent complete: 1.9%; Average loss: 1.0884  
Iteration: 76; Percent complete: 1.9%; Average loss: 1.1425  
Iteration: 77; Percent complete: 1.9%; Average loss: 1.1000

Iteration: 78; Percent complete: 1.9%; Average loss: 1.1520  
Iteration: 79; Percent complete: 2.0%; Average loss: 1.1962  
Iteration: 80; Percent complete: 2.0%; Average loss: 1.3247  
Iteration: 81; Percent complete: 2.0%; Average loss: 1.0887  
Iteration: 82; Percent complete: 2.1%; Average loss: 1.2581  
Iteration: 83; Percent complete: 2.1%; Average loss: 1.1043  
Iteration: 84; Percent complete: 2.1%; Average loss: 1.3101  
Iteration: 85; Percent complete: 2.1%; Average loss: 1.1313  
Iteration: 86; Percent complete: 2.1%; Average loss: 1.3209  
Iteration: 87; Percent complete: 2.2%; Average loss: 0.9847  
Iteration: 88; Percent complete: 2.2%; Average loss: 1.2084  
Iteration: 89; Percent complete: 2.2%; Average loss: 1.0390  
Iteration: 90; Percent complete: 2.2%; Average loss: 1.1856  
Iteration: 91; Percent complete: 2.3%; Average loss: 1.2788  
Iteration: 92; Percent complete: 2.3%; Average loss: 0.9812  
Iteration: 93; Percent complete: 2.3%; Average loss: 1.1622  
Iteration: 94; Percent complete: 2.4%; Average loss: 0.9707  
Iteration: 95; Percent complete: 2.4%; Average loss: 1.0979  
Iteration: 96; Percent complete: 2.4%; Average loss: 1.2636  
Iteration: 97; Percent complete: 2.4%; Average loss: 1.0216  
Iteration: 98; Percent complete: 2.5%; Average loss: 1.1939  
Iteration: 99; Percent complete: 2.5%; Average loss: 1.1215  
Iteration: 100; Percent complete: 2.5%; Average loss: 1.0691  
Iteration: 101; Percent complete: 2.5%; Average loss: 1.2030  
Iteration: 102; Percent complete: 2.5%; Average loss: 1.1693  
Iteration: 103; Percent complete: 2.6%; Average loss: 1.1443  
Iteration: 104; Percent complete: 2.6%; Average loss: 1.2492  
Iteration: 105; Percent complete: 2.6%; Average loss: 1.1022  
Iteration: 106; Percent complete: 2.6%; Average loss: 1.1315  
Iteration: 107; Percent complete: 2.7%; Average loss: 1.0835  
Iteration: 108; Percent complete: 2.7%; Average loss: 1.1826  
Iteration: 109; Percent complete: 2.7%; Average loss: 1.1981  
Iteration: 110; Percent complete: 2.8%; Average loss: 1.2808  
Iteration: 111; Percent complete: 2.8%; Average loss: 1.1049  
Iteration: 112; Percent complete: 2.8%; Average loss: 1.0584  
Iteration: 113; Percent complete: 2.8%; Average loss: 1.1267  
Iteration: 114; Percent complete: 2.9%; Average loss: 1.0775  
Iteration: 115; Percent complete: 2.9%; Average loss: 1.3343  
Iteration: 116; Percent complete: 2.9%; Average loss: 1.1281  
Iteration: 117; Percent complete: 2.9%; Average loss: 1.1486  
Iteration: 118; Percent complete: 2.9%; Average loss: 1.2362  
Iteration: 119; Percent complete: 3.0%; Average loss: 1.1330  
Iteration: 120; Percent complete: 3.0%; Average loss: 0.9936  
Iteration: 121; Percent complete: 3.0%; Average loss: 1.0046  
Iteration: 122; Percent complete: 3.0%; Average loss: 1.1561  
Iteration: 123; Percent complete: 3.1%; Average loss: 1.0936  
Iteration: 124; Percent complete: 3.1%; Average loss: 1.2120  
Iteration: 125; Percent complete: 3.1%; Average loss: 0.8328  
Iteration: 126; Percent complete: 3.1%; Average loss: 0.9997  
Iteration: 127; Percent complete: 3.2%; Average loss: 1.1378  
Iteration: 128; Percent complete: 3.2%; Average loss: 0.9754  
Iteration: 129; Percent complete: 3.2%; Average loss: 1.0616  
Iteration: 130; Percent complete: 3.2%; Average loss: 1.1643  
Iteration: 131; Percent complete: 3.3%; Average loss: 1.1228  
Iteration: 132; Percent complete: 3.3%; Average loss: 1.2535  
Iteration: 133; Percent complete: 3.3%; Average loss: 1.2037  
Iteration: 134; Percent complete: 3.4%; Average loss: 1.1282  
Iteration: 135; Percent complete: 3.4%; Average loss: 1.1322  
Iteration: 136; Percent complete: 3.4%; Average loss: 0.8905  
Iteration: 137; Percent complete: 3.4%; Average loss: 1.1282  
Iteration: 138; Percent complete: 3.5%; Average loss: 0.9578  
Iteration: 139; Percent complete: 3.5%; Average loss: 1.1234  
Iteration: 140; Percent complete: 3.5%; Average loss: 1.2852  
Iteration: 141; Percent complete: 3.5%; Average loss: 1.2273  
Iteration: 142; Percent complete: 3.5%; Average loss: 1.0764  
Iteration: 143; Percent complete: 3.6%; Average loss: 1.3222  
Iteration: 144; Percent complete: 3.6%; Average loss: 1.0275  
Iteration: 145; Percent complete: 3.6%; Average loss: 1.1970  
Iteration: 146; Percent complete: 3.6%; Average loss: 1.0698  
Iteration: 147; Percent complete: 3.7%; Average loss: 0.9437  
Iteration: 148; Percent complete: 3.7%; Average loss: 0.9458  
Iteration: 149; Percent complete: 3.7%; Average loss: 1.1742  
Iteration: 150; Percent complete: 3.8%; Average loss: 1.0175  
Iteration: 151; Percent complete: 3.8%; Average loss: 1.1408  
Iteration: 152; Percent complete: 3.8%; Average loss: 1.0875  
Iteration: 153; Percent complete: 3.8%; Average loss: 1.1220  
Iteration: 154; Percent complete: 3.9%; Average loss: 1.0113  
Iteration: 155; Percent complete: 3.9%; Average loss: 0.9689  
Iteration: 156; Percent complete: 3.9%; Average loss: 1.2875  
Iteration: 157; Percent complete: 3.9%; Average loss: 1.3129  
Iteration: 158; Percent complete: 4.0%; Average loss: 1.0418  
Iteration: 159; Percent complete: 4.0%; Average loss: 1.3828  
Iteration: 160; Percent complete: 4.0%; Average loss: 1.1183  
Iteration: 161; Percent complete: 4.0%; Average loss: 1.0549  
Iteration: 162; Percent complete: 4.0%; Average loss: 1.2662  
Iteration: 163; Percent complete: 4.1%; Average loss: 1.0115  
Iteration: 164; Percent complete: 4.1%; Average loss: 1.1377  
Iteration: 165; Percent complete: 4.1%; Average loss: 1.2520  
Iteration: 166; Percent complete: 4.2%; Average loss: 1.2482  
Iteration: 167; Percent complete: 4.2%; Average loss: 1.1116  
Iteration: 168; Percent complete: 4.2%; Average loss: 1.3055  
Iteration: 169; Percent complete: 4.2%; Average loss: 1.2014

Iteration: 169; Percent complete: 4.2%; Average loss: 1.2814  
Iteration: 170; Percent complete: 4.2%; Average loss: 1.0564  
Iteration: 171; Percent complete: 4.3%; Average loss: 1.1463  
Iteration: 172; Percent complete: 4.3%; Average loss: 1.3191  
Iteration: 173; Percent complete: 4.3%; Average loss: 1.2766  
Iteration: 174; Percent complete: 4.3%; Average loss: 1.2522  
Iteration: 175; Percent complete: 4.4%; Average loss: 1.0523  
Iteration: 176; Percent complete: 4.4%; Average loss: 1.3446  
Iteration: 177; Percent complete: 4.4%; Average loss: 0.9909  
Iteration: 178; Percent complete: 4.5%; Average loss: 1.3843  
Iteration: 179; Percent complete: 4.5%; Average loss: 1.0849  
Iteration: 180; Percent complete: 4.5%; Average loss: 1.3005  
Iteration: 181; Percent complete: 4.5%; Average loss: 1.1788  
Iteration: 182; Percent complete: 4.5%; Average loss: 1.0396  
Iteration: 183; Percent complete: 4.6%; Average loss: 1.1515  
Iteration: 184; Percent complete: 4.6%; Average loss: 1.1757  
Iteration: 185; Percent complete: 4.6%; Average loss: 1.0967  
Iteration: 186; Percent complete: 4.7%; Average loss: 0.9500  
Iteration: 187; Percent complete: 4.7%; Average loss: 1.0770  
Iteration: 188; Percent complete: 4.7%; Average loss: 1.1179  
Iteration: 189; Percent complete: 4.7%; Average loss: 0.9984  
Iteration: 190; Percent complete: 4.8%; Average loss: 1.0586  
Iteration: 191; Percent complete: 4.8%; Average loss: 1.0443  
Iteration: 192; Percent complete: 4.8%; Average loss: 0.9878  
Iteration: 193; Percent complete: 4.8%; Average loss: 0.8811  
Iteration: 194; Percent complete: 4.9%; Average loss: 1.2467  
Iteration: 195; Percent complete: 4.9%; Average loss: 1.1774  
Iteration: 196; Percent complete: 4.9%; Average loss: 1.0968  
Iteration: 197; Percent complete: 4.9%; Average loss: 1.3704  
Iteration: 198; Percent complete: 5.0%; Average loss: 1.2169  
Iteration: 199; Percent complete: 5.0%; Average loss: 0.9153  
Iteration: 200; Percent complete: 5.0%; Average loss: 0.8964  
Iteration: 201; Percent complete: 5.0%; Average loss: 1.2651  
Iteration: 202; Percent complete: 5.1%; Average loss: 1.1012  
Iteration: 203; Percent complete: 5.1%; Average loss: 1.0129  
Iteration: 204; Percent complete: 5.1%; Average loss: 1.2988  
Iteration: 205; Percent complete: 5.1%; Average loss: 1.0735  
Iteration: 206; Percent complete: 5.1%; Average loss: 1.1071  
Iteration: 207; Percent complete: 5.2%; Average loss: 1.1888  
Iteration: 208; Percent complete: 5.2%; Average loss: 0.9592  
Iteration: 209; Percent complete: 5.2%; Average loss: 1.0301  
Iteration: 210; Percent complete: 5.2%; Average loss: 1.2324  
Iteration: 211; Percent complete: 5.3%; Average loss: 1.1294  
Iteration: 212; Percent complete: 5.3%; Average loss: 1.0960  
Iteration: 213; Percent complete: 5.3%; Average loss: 1.0935  
Iteration: 214; Percent complete: 5.3%; Average loss: 1.1870  
Iteration: 215; Percent complete: 5.4%; Average loss: 1.0901  
Iteration: 216; Percent complete: 5.4%; Average loss: 1.3027  
Iteration: 217; Percent complete: 5.4%; Average loss: 1.3210  
Iteration: 218; Percent complete: 5.5%; Average loss: 1.1837  
Iteration: 219; Percent complete: 5.5%; Average loss: 0.9884  
Iteration: 220; Percent complete: 5.5%; Average loss: 1.1418  
Iteration: 221; Percent complete: 5.5%; Average loss: 1.0428  
Iteration: 222; Percent complete: 5.5%; Average loss: 1.3428  
Iteration: 223; Percent complete: 5.6%; Average loss: 1.0144  
Iteration: 224; Percent complete: 5.6%; Average loss: 1.1629  
Iteration: 225; Percent complete: 5.6%; Average loss: 1.2819  
Iteration: 226; Percent complete: 5.7%; Average loss: 1.0848  
Iteration: 227; Percent complete: 5.7%; Average loss: 1.3395  
Iteration: 228; Percent complete: 5.7%; Average loss: 1.2482  
Iteration: 229; Percent complete: 5.7%; Average loss: 1.3383  
Iteration: 230; Percent complete: 5.8%; Average loss: 1.0624  
Iteration: 231; Percent complete: 5.8%; Average loss: 1.1721  
Iteration: 232; Percent complete: 5.8%; Average loss: 1.0004  
Iteration: 233; Percent complete: 5.8%; Average loss: 1.0664  
Iteration: 234; Percent complete: 5.9%; Average loss: 1.1733  
Iteration: 235; Percent complete: 5.9%; Average loss: 1.1790  
Iteration: 236; Percent complete: 5.9%; Average loss: 0.8770  
Iteration: 237; Percent complete: 5.9%; Average loss: 1.1280  
Iteration: 238; Percent complete: 5.9%; Average loss: 1.1085  
Iteration: 239; Percent complete: 6.0%; Average loss: 0.9204  
Iteration: 240; Percent complete: 6.0%; Average loss: 1.3615  
Iteration: 241; Percent complete: 6.0%; Average loss: 1.2169  
Iteration: 242; Percent complete: 6.0%; Average loss: 1.1700  
Iteration: 243; Percent complete: 6.1%; Average loss: 1.1152  
Iteration: 244; Percent complete: 6.1%; Average loss: 1.3158  
Iteration: 245; Percent complete: 6.1%; Average loss: 1.0527  
Iteration: 246; Percent complete: 6.2%; Average loss: 1.1137  
Iteration: 247; Percent complete: 6.2%; Average loss: 1.0689  
Iteration: 248; Percent complete: 6.2%; Average loss: 1.1276  
Iteration: 249; Percent complete: 6.2%; Average loss: 1.2471  
Iteration: 250; Percent complete: 6.2%; Average loss: 1.1795  
Iteration: 251; Percent complete: 6.3%; Average loss: 1.3172  
Iteration: 252; Percent complete: 6.3%; Average loss: 1.3413  
Iteration: 253; Percent complete: 6.3%; Average loss: 1.1414  
Iteration: 254; Percent complete: 6.3%; Average loss: 1.1993  
Iteration: 255; Percent complete: 6.4%; Average loss: 1.1483  
Iteration: 256; Percent complete: 6.4%; Average loss: 1.0766  
Iteration: 257; Percent complete: 6.4%; Average loss: 1.0304  
Iteration: 258; Percent complete: 6.5%; Average loss: 1.0530  
Iteration: 259; Percent complete: 6.5%; Average loss: 1.2677  
Iteration: 260; Percent complete: 6.5%; Average loss: 1.1845



Iteration: 258; Percent complete: 6.5%; Average loss: 1.1849  
Iteration: 261; Percent complete: 6.5%; Average loss: 1.3810  
Iteration: 262; Percent complete: 6.6%; Average loss: 1.1190  
Iteration: 263; Percent complete: 6.6%; Average loss: 1.0699  
Iteration: 264; Percent complete: 6.6%; Average loss: 1.2268  
Iteration: 265; Percent complete: 6.6%; Average loss: 1.1332  
Iteration: 266; Percent complete: 6.7%; Average loss: 0.9712  
Iteration: 267; Percent complete: 6.7%; Average loss: 1.1235  
Iteration: 268; Percent complete: 6.7%; Average loss: 0.9775  
Iteration: 269; Percent complete: 6.7%; Average loss: 0.9596  
Iteration: 270; Percent complete: 6.8%; Average loss: 1.0142  
Iteration: 271; Percent complete: 6.8%; Average loss: 1.0671  
Iteration: 272; Percent complete: 6.8%; Average loss: 1.1540  
Iteration: 273; Percent complete: 6.8%; Average loss: 1.1537  
Iteration: 274; Percent complete: 6.9%; Average loss: 1.1833  
Iteration: 275; Percent complete: 6.9%; Average loss: 1.0761  
Iteration: 276; Percent complete: 6.9%; Average loss: 1.1251  
Iteration: 277; Percent complete: 6.9%; Average loss: 1.1971  
Iteration: 278; Percent complete: 7.0%; Average loss: 1.1863  
Iteration: 279; Percent complete: 7.0%; Average loss: 1.0670  
Iteration: 280; Percent complete: 7.0%; Average loss: 0.9399  
Iteration: 281; Percent complete: 7.0%; Average loss: 1.2327  
Iteration: 282; Percent complete: 7.0%; Average loss: 1.0527  
Iteration: 283; Percent complete: 7.1%; Average loss: 1.2009  
Iteration: 284; Percent complete: 7.1%; Average loss: 0.9689  
Iteration: 285; Percent complete: 7.1%; Average loss: 1.1763  
Iteration: 286; Percent complete: 7.1%; Average loss: 1.0664  
Iteration: 287; Percent complete: 7.2%; Average loss: 1.2583  
Iteration: 288; Percent complete: 7.2%; Average loss: 1.2149  
Iteration: 289; Percent complete: 7.2%; Average loss: 1.0586  
Iteration: 290; Percent complete: 7.2%; Average loss: 1.0854  
Iteration: 291; Percent complete: 7.3%; Average loss: 1.1751  
Iteration: 292; Percent complete: 7.3%; Average loss: 1.4701  
Iteration: 293; Percent complete: 7.3%; Average loss: 1.0079  
Iteration: 294; Percent complete: 7.3%; Average loss: 1.1870  
Iteration: 295; Percent complete: 7.4%; Average loss: 1.2920  
Iteration: 296; Percent complete: 7.4%; Average loss: 1.2142  
Iteration: 297; Percent complete: 7.4%; Average loss: 1.1862  
Iteration: 298; Percent complete: 7.4%; Average loss: 1.1330  
Iteration: 299; Percent complete: 7.5%; Average loss: 1.1828  
Iteration: 300; Percent complete: 7.5%; Average loss: 0.9304  
Iteration: 301; Percent complete: 7.5%; Average loss: 0.9800  
Iteration: 302; Percent complete: 7.5%; Average loss: 1.1240  
Iteration: 303; Percent complete: 7.6%; Average loss: 1.2808  
Iteration: 304; Percent complete: 7.6%; Average loss: 1.2595  
Iteration: 305; Percent complete: 7.6%; Average loss: 1.0692  
Iteration: 306; Percent complete: 7.6%; Average loss: 1.0185  
Iteration: 307; Percent complete: 7.7%; Average loss: 1.1687  
Iteration: 308; Percent complete: 7.7%; Average loss: 0.9897  
Iteration: 309; Percent complete: 7.7%; Average loss: 1.2411  
Iteration: 310; Percent complete: 7.8%; Average loss: 1.0105  
Iteration: 311; Percent complete: 7.8%; Average loss: 1.0251  
Iteration: 312; Percent complete: 7.8%; Average loss: 0.9994  
Iteration: 313; Percent complete: 7.8%; Average loss: 1.1784  
Iteration: 314; Percent complete: 7.8%; Average loss: 1.0873  
Iteration: 315; Percent complete: 7.9%; Average loss: 1.0888  
Iteration: 316; Percent complete: 7.9%; Average loss: 1.1132  
Iteration: 317; Percent complete: 7.9%; Average loss: 1.2007  
Iteration: 318; Percent complete: 8.0%; Average loss: 1.2650  
Iteration: 319; Percent complete: 8.0%; Average loss: 1.1765  
Iteration: 320; Percent complete: 8.0%; Average loss: 1.1175  
Iteration: 321; Percent complete: 8.0%; Average loss: 1.0440  
Iteration: 322; Percent complete: 8.1%; Average loss: 1.1747  
Iteration: 323; Percent complete: 8.1%; Average loss: 1.2864  
Iteration: 324; Percent complete: 8.1%; Average loss: 1.0499  
Iteration: 325; Percent complete: 8.1%; Average loss: 1.2474  
Iteration: 326; Percent complete: 8.2%; Average loss: 1.2458  
Iteration: 327; Percent complete: 8.2%; Average loss: 1.0675  
Iteration: 328; Percent complete: 8.2%; Average loss: 1.0513  
Iteration: 329; Percent complete: 8.2%; Average loss: 1.1258  
Iteration: 330; Percent complete: 8.2%; Average loss: 1.3141  
Iteration: 331; Percent complete: 8.3%; Average loss: 1.1048  
Iteration: 332; Percent complete: 8.3%; Average loss: 1.1057  
Iteration: 333; Percent complete: 8.3%; Average loss: 1.1427  
Iteration: 334; Percent complete: 8.3%; Average loss: 1.2076  
Iteration: 335; Percent complete: 8.4%; Average loss: 1.2094  
Iteration: 336; Percent complete: 8.4%; Average loss: 1.2058  
Iteration: 337; Percent complete: 8.4%; Average loss: 0.9684  
Iteration: 338; Percent complete: 8.5%; Average loss: 1.1339  
Iteration: 339; Percent complete: 8.5%; Average loss: 1.1498  
Iteration: 340; Percent complete: 8.5%; Average loss: 1.0914  
Iteration: 341; Percent complete: 8.5%; Average loss: 1.1787  
Iteration: 342; Percent complete: 8.6%; Average loss: 0.9985  
Iteration: 343; Percent complete: 8.6%; Average loss: 0.9269  
Iteration: 344; Percent complete: 8.6%; Average loss: 1.0116  
Iteration: 345; Percent complete: 8.6%; Average loss: 1.0339  
Iteration: 346; Percent complete: 8.6%; Average loss: 1.3825  
Iteration: 347; Percent complete: 8.7%; Average loss: 1.1654  
Iteration: 348; Percent complete: 8.7%; Average loss: 0.9918  
Iteration: 349; Percent complete: 8.7%; Average loss: 1.1536  
Iteration: 350; Percent complete: 8.8%; Average loss: 1.1182  
Iteration: 351; Percent complete: 8.8%; Average loss: 1.2181

Iteration: 352; Percent complete: 8.8%; Average loss: 1.4092  
Iteration: 353; Percent complete: 8.8%; Average loss: 1.0397  
Iteration: 354; Percent complete: 8.8%; Average loss: 1.2707  
Iteration: 355; Percent complete: 8.9%; Average loss: 1.0287  
Iteration: 356; Percent complete: 8.9%; Average loss: 1.1995  
Iteration: 357; Percent complete: 8.9%; Average loss: 1.3196  
Iteration: 358; Percent complete: 8.9%; Average loss: 0.9935  
Iteration: 359; Percent complete: 9.0%; Average loss: 1.1234  
Iteration: 360; Percent complete: 9.0%; Average loss: 1.2211  
Iteration: 361; Percent complete: 9.0%; Average loss: 1.1818  
Iteration: 362; Percent complete: 9.0%; Average loss: 1.0804  
Iteration: 363; Percent complete: 9.1%; Average loss: 1.2055  
Iteration: 364; Percent complete: 9.1%; Average loss: 1.0074  
Iteration: 365; Percent complete: 9.1%; Average loss: 1.0840  
Iteration: 366; Percent complete: 9.2%; Average loss: 1.1338  
Iteration: 367; Percent complete: 9.2%; Average loss: 1.4037  
Iteration: 368; Percent complete: 9.2%; Average loss: 0.9813  
Iteration: 369; Percent complete: 9.2%; Average loss: 1.0272  
Iteration: 370; Percent complete: 9.2%; Average loss: 1.1179  
Iteration: 371; Percent complete: 9.3%; Average loss: 1.1429  
Iteration: 372; Percent complete: 9.3%; Average loss: 1.3310  
Iteration: 373; Percent complete: 9.3%; Average loss: 1.2147  
Iteration: 374; Percent complete: 9.3%; Average loss: 1.2430  
Iteration: 375; Percent complete: 9.4%; Average loss: 1.1681  
Iteration: 376; Percent complete: 9.4%; Average loss: 1.1688  
Iteration: 377; Percent complete: 9.4%; Average loss: 1.2529  
Iteration: 378; Percent complete: 9.4%; Average loss: 1.2229  
Iteration: 379; Percent complete: 9.5%; Average loss: 1.1612  
Iteration: 380; Percent complete: 9.5%; Average loss: 1.1653  
Iteration: 381; Percent complete: 9.5%; Average loss: 1.0132  
Iteration: 382; Percent complete: 9.6%; Average loss: 1.1297  
Iteration: 383; Percent complete: 9.6%; Average loss: 1.1195  
Iteration: 384; Percent complete: 9.6%; Average loss: 1.2291  
Iteration: 385; Percent complete: 9.6%; Average loss: 1.2104  
Iteration: 386; Percent complete: 9.7%; Average loss: 1.2335  
Iteration: 387; Percent complete: 9.7%; Average loss: 0.9399  
Iteration: 388; Percent complete: 9.7%; Average loss: 1.0429  
Iteration: 389; Percent complete: 9.7%; Average loss: 1.0336  
Iteration: 390; Percent complete: 9.8%; Average loss: 1.0449  
Iteration: 391; Percent complete: 9.8%; Average loss: 1.2043  
Iteration: 392; Percent complete: 9.8%; Average loss: 1.2263  
Iteration: 393; Percent complete: 9.8%; Average loss: 0.9866  
Iteration: 394; Percent complete: 9.8%; Average loss: 1.1980  
Iteration: 395; Percent complete: 9.9%; Average loss: 1.2352  
Iteration: 396; Percent complete: 9.9%; Average loss: 1.1959  
Iteration: 397; Percent complete: 9.9%; Average loss: 1.2423  
Iteration: 398; Percent complete: 10.0%; Average loss: 1.1816  
Iteration: 399; Percent complete: 10.0%; Average loss: 1.0484  
Iteration: 400; Percent complete: 10.0%; Average loss: 1.0244  
Iteration: 401; Percent complete: 10.0%; Average loss: 1.0411  
Iteration: 402; Percent complete: 10.1%; Average loss: 1.2838  
Iteration: 403; Percent complete: 10.1%; Average loss: 1.3900  
Iteration: 404; Percent complete: 10.1%; Average loss: 1.1842  
Iteration: 405; Percent complete: 10.1%; Average loss: 1.2385  
Iteration: 406; Percent complete: 10.2%; Average loss: 1.0515  
Iteration: 407; Percent complete: 10.2%; Average loss: 1.3342  
Iteration: 408; Percent complete: 10.2%; Average loss: 1.0103  
Iteration: 409; Percent complete: 10.2%; Average loss: 1.2118  
Iteration: 410; Percent complete: 10.2%; Average loss: 1.2549  
Iteration: 411; Percent complete: 10.3%; Average loss: 1.3134  
Iteration: 412; Percent complete: 10.3%; Average loss: 0.9882  
Iteration: 413; Percent complete: 10.3%; Average loss: 1.1570  
Iteration: 414; Percent complete: 10.3%; Average loss: 1.1952  
Iteration: 415; Percent complete: 10.4%; Average loss: 1.1770  
Iteration: 416; Percent complete: 10.4%; Average loss: 1.2162  
Iteration: 417; Percent complete: 10.4%; Average loss: 1.0930  
Iteration: 418; Percent complete: 10.4%; Average loss: 1.1787  
Iteration: 419; Percent complete: 10.5%; Average loss: 1.1949  
Iteration: 420; Percent complete: 10.5%; Average loss: 1.2458  
Iteration: 421; Percent complete: 10.5%; Average loss: 1.0522  
Iteration: 422; Percent complete: 10.5%; Average loss: 1.0560  
Iteration: 423; Percent complete: 10.6%; Average loss: 1.2857  
Iteration: 424; Percent complete: 10.6%; Average loss: 1.2789  
Iteration: 425; Percent complete: 10.6%; Average loss: 1.1173  
Iteration: 426; Percent complete: 10.7%; Average loss: 1.3385  
Iteration: 427; Percent complete: 10.7%; Average loss: 1.3052  
Iteration: 428; Percent complete: 10.7%; Average loss: 1.1679  
Iteration: 429; Percent complete: 10.7%; Average loss: 1.0379  
Iteration: 430; Percent complete: 10.8%; Average loss: 1.0468  
Iteration: 431; Percent complete: 10.8%; Average loss: 1.0977  
Iteration: 432; Percent complete: 10.8%; Average loss: 0.9808  
Iteration: 433; Percent complete: 10.8%; Average loss: 1.2203  
Iteration: 434; Percent complete: 10.8%; Average loss: 1.3479  
Iteration: 435; Percent complete: 10.9%; Average loss: 1.2717  
Iteration: 436; Percent complete: 10.9%; Average loss: 1.2217  
Iteration: 437; Percent complete: 10.9%; Average loss: 1.2357  
Iteration: 438; Percent complete: 10.9%; Average loss: 1.2741  
Iteration: 439; Percent complete: 11.0%; Average loss: 0.9178  
Iteration: 440; Percent complete: 11.0%; Average loss: 0.9985  
Iteration: 441; Percent complete: 11.0%; Average loss: 1.1547  
Iteration: 442; Percent complete: 11.1%; Average loss: 1.0046

|            |      |                   |        |               |        |
|------------|------|-------------------|--------|---------------|--------|
| Iteration: | 443; | Percent complete: | 11.1%; | Average loss: | 1.1187 |
| Iteration: | 444; | Percent complete: | 11.1%; | Average loss: | 1.0639 |
| Iteration: | 445; | Percent complete: | 11.1%; | Average loss: | 1.1599 |
| Iteration: | 446; | Percent complete: | 11.2%; | Average loss: | 1.0758 |
| Iteration: | 447; | Percent complete: | 11.2%; | Average loss: | 1.1449 |
| Iteration: | 448; | Percent complete: | 11.2%; | Average loss: | 1.1563 |
| Iteration: | 449; | Percent complete: | 11.2%; | Average loss: | 1.2773 |
| Iteration: | 450; | Percent complete: | 11.2%; | Average loss: | 1.1123 |
| Iteration: | 451; | Percent complete: | 11.3%; | Average loss: | 1.4060 |
| Iteration: | 452; | Percent complete: | 11.3%; | Average loss: | 1.3928 |
| Iteration: | 453; | Percent complete: | 11.3%; | Average loss: | 1.1977 |
| Iteration: | 454; | Percent complete: | 11.3%; | Average loss: | 1.1291 |
| Iteration: | 455; | Percent complete: | 11.4%; | Average loss: | 1.1384 |
| Iteration: | 456; | Percent complete: | 11.4%; | Average loss: | 1.1178 |
| Iteration: | 457; | Percent complete: | 11.4%; | Average loss: | 1.0579 |
| Iteration: | 458; | Percent complete: | 11.5%; | Average loss: | 1.1760 |
| Iteration: | 459; | Percent complete: | 11.5%; | Average loss: | 1.1421 |
| Iteration: | 460; | Percent complete: | 11.5%; | Average loss: | 1.2045 |
| Iteration: | 461; | Percent complete: | 11.5%; | Average loss: | 1.1187 |
| Iteration: | 462; | Percent complete: | 11.6%; | Average loss: | 1.1108 |
| Iteration: | 463; | Percent complete: | 11.6%; | Average loss: | 1.5458 |
| Iteration: | 464; | Percent complete: | 11.6%; | Average loss: | 1.1070 |
| Iteration: | 465; | Percent complete: | 11.6%; | Average loss: | 0.9437 |
| Iteration: | 466; | Percent complete: | 11.7%; | Average loss: | 1.2031 |
| Iteration: | 467; | Percent complete: | 11.7%; | Average loss: | 1.1718 |
| Iteration: | 468; | Percent complete: | 11.7%; | Average loss: | 0.9703 |
| Iteration: | 469; | Percent complete: | 11.7%; | Average loss: | 1.1111 |
| Iteration: | 470; | Percent complete: | 11.8%; | Average loss: | 0.9291 |
| Iteration: | 471; | Percent complete: | 11.8%; | Average loss: | 1.0619 |
| Iteration: | 472; | Percent complete: | 11.8%; | Average loss: | 1.2163 |
| Iteration: | 473; | Percent complete: | 11.8%; | Average loss: | 1.0768 |
| Iteration: | 474; | Percent complete: | 11.8%; | Average loss: | 1.0354 |
| Iteration: | 475; | Percent complete: | 11.9%; | Average loss: | 1.2290 |
| Iteration: | 476; | Percent complete: | 11.9%; | Average loss: | 1.0581 |
| Iteration: | 477; | Percent complete: | 11.9%; | Average loss: | 1.0905 |
| Iteration: | 478; | Percent complete: | 11.9%; | Average loss: | 1.2851 |
| Iteration: | 479; | Percent complete: | 12.0%; | Average loss: | 1.1494 |
| Iteration: | 480; | Percent complete: | 12.0%; | Average loss: | 1.0270 |
| Iteration: | 481; | Percent complete: | 12.0%; | Average loss: | 1.0237 |
| Iteration: | 482; | Percent complete: | 12.0%; | Average loss: | 1.2114 |
| Iteration: | 483; | Percent complete: | 12.1%; | Average loss: | 1.0424 |
| Iteration: | 484; | Percent complete: | 12.1%; | Average loss: | 1.0273 |
| Iteration: | 485; | Percent complete: | 12.1%; | Average loss: | 1.1997 |
| Iteration: | 486; | Percent complete: | 12.2%; | Average loss: | 1.0696 |
| Iteration: | 487; | Percent complete: | 12.2%; | Average loss: | 1.1666 |
| Iteration: | 488; | Percent complete: | 12.2%; | Average loss: | 1.4322 |
| Iteration: | 489; | Percent complete: | 12.2%; | Average loss: | 1.0500 |
| Iteration: | 490; | Percent complete: | 12.2%; | Average loss: | 1.3072 |
| Iteration: | 491; | Percent complete: | 12.3%; | Average loss: | 1.1125 |
| Iteration: | 492; | Percent complete: | 12.3%; | Average loss: | 1.1385 |
| Iteration: | 493; | Percent complete: | 12.3%; | Average loss: | 1.1433 |
| Iteration: | 494; | Percent complete: | 12.3%; | Average loss: | 1.1539 |
| Iteration: | 495; | Percent complete: | 12.4%; | Average loss: | 1.3538 |
| Iteration: | 496; | Percent complete: | 12.4%; | Average loss: | 1.2205 |
| Iteration: | 497; | Percent complete: | 12.4%; | Average loss: | 0.9489 |
| Iteration: | 498; | Percent complete: | 12.4%; | Average loss: | 1.1443 |
| Iteration: | 499; | Percent complete: | 12.5%; | Average loss: | 1.1122 |
| Iteration: | 500; | Percent complete: | 12.5%; | Average loss: | 1.2666 |
| Iteration: | 501; | Percent complete: | 12.5%; | Average loss: | 1.0880 |
| Iteration: | 502; | Percent complete: | 12.6%; | Average loss: | 1.0849 |
| Iteration: | 503; | Percent complete: | 12.6%; | Average loss: | 1.1861 |
| Iteration: | 504; | Percent complete: | 12.6%; | Average loss: | 1.1874 |
| Iteration: | 505; | Percent complete: | 12.6%; | Average loss: | 1.1901 |
| Iteration: | 506; | Percent complete: | 12.7%; | Average loss: | 1.0974 |
| Iteration: | 507; | Percent complete: | 12.7%; | Average loss: | 1.0231 |
| Iteration: | 508; | Percent complete: | 12.7%; | Average loss: | 1.1408 |
| Iteration: | 509; | Percent complete: | 12.7%; | Average loss: | 1.1309 |
| Iteration: | 510; | Percent complete: | 12.8%; | Average loss: | 1.0711 |
| Iteration: | 511; | Percent complete: | 12.8%; | Average loss: | 1.0230 |
| Iteration: | 512; | Percent complete: | 12.8%; | Average loss: | 1.1239 |
| Iteration: | 513; | Percent complete: | 12.8%; | Average loss: | 1.2106 |
| Iteration: | 514; | Percent complete: | 12.8%; | Average loss: | 1.0277 |
| Iteration: | 515; | Percent complete: | 12.9%; | Average loss: | 1.0391 |
| Iteration: | 516; | Percent complete: | 12.9%; | Average loss: | 1.1352 |
| Iteration: | 517; | Percent complete: | 12.9%; | Average loss: | 1.1386 |
| Iteration: | 518; | Percent complete: | 13.0%; | Average loss: | 1.2502 |
| Iteration: | 519; | Percent complete: | 13.0%; | Average loss: | 1.0078 |
| Iteration: | 520  |                   |        |               |        |

|            |      |                   |        |               |        |
|------------|------|-------------------|--------|---------------|--------|
| Iteration: | 534; | Percent complete: | 13.4%; | Average loss: | 1.2210 |
| Iteration: | 535; | Percent complete: | 13.4%; | Average loss: | 1.2432 |
| Iteration: | 536; | Percent complete: | 13.4%; | Average loss: | 1.1828 |
| Iteration: | 537; | Percent complete: | 13.4%; | Average loss: | 1.0738 |
| Iteration: | 538; | Percent complete: | 13.5%; | Average loss: | 1.1978 |
| Iteration: | 539; | Percent complete: | 13.5%; | Average loss: | 1.1281 |
| Iteration: | 540; | Percent complete: | 13.5%; | Average loss: | 1.0938 |
| Iteration: | 541; | Percent complete: | 13.5%; | Average loss: | 1.2933 |
| Iteration: | 542; | Percent complete: | 13.6%; | Average loss: | 1.1130 |
| Iteration: | 543; | Percent complete: | 13.6%; | Average loss: | 1.0798 |
| Iteration: | 544; | Percent complete: | 13.6%; | Average loss: | 1.1273 |
| Iteration: | 545; | Percent complete: | 13.6%; | Average loss: | 1.0293 |
| Iteration: | 546; | Percent complete: | 13.7%; | Average loss: | 1.1413 |
| Iteration: | 547; | Percent complete: | 13.7%; | Average loss: | 1.0387 |
| Iteration: | 548; | Percent complete: | 13.7%; | Average loss: | 1.1336 |
| Iteration: | 549; | Percent complete: | 13.7%; | Average loss: | 1.0068 |
| Iteration: | 550; | Percent complete: | 13.8%; | Average loss: | 1.0358 |
| Iteration: | 551; | Percent complete: | 13.8%; | Average loss: | 1.2776 |
| Iteration: | 552; | Percent complete: | 13.8%; | Average loss: | 1.1458 |
| Iteration: | 553; | Percent complete: | 13.8%; | Average loss: | 1.2618 |
| Iteration: | 554; | Percent complete: | 13.9%; | Average loss: | 0.9851 |
| Iteration: | 555; | Percent complete: | 13.9%; | Average loss: | 1.1480 |
| Iteration: | 556; | Percent complete: | 13.9%; | Average loss: | 1.2551 |
| Iteration: | 557; | Percent complete: | 13.9%; | Average loss: | 1.0327 |
| Iteration: | 558; | Percent complete: | 14.0%; | Average loss: | 1.1948 |
| Iteration: | 559; | Percent complete: | 14.0%; | Average loss: | 1.0783 |
| Iteration: | 560; | Percent complete: | 14.0%; | Average loss: | 1.1858 |
| Iteration: | 561; | Percent complete: | 14.0%; | Average loss: | 1.2087 |
| Iteration: | 562; | Percent complete: | 14.1%; | Average loss: | 1.0799 |
| Iteration: | 563; | Percent complete: | 14.1%; | Average loss: | 1.1571 |
| Iteration: | 564; | Percent complete: | 14.1%; | Average loss: | 1.1144 |
| Iteration: | 565; | Percent complete: | 14.1%; | Average loss: | 1.2583 |
| Iteration: | 566; | Percent complete: | 14.1%; | Average loss: | 1.1196 |
| Iteration: | 567; | Percent complete: | 14.2%; | Average loss: | 1.1506 |
| Iteration: | 568; | Percent complete: | 14.2%; | Average loss: | 0.9399 |
| Iteration: | 569; | Percent complete: | 14.2%; | Average loss: | 1.2978 |
| Iteration: | 570; | Percent complete: | 14.2%; | Average loss: | 1.1545 |
| Iteration: | 571; | Percent complete: | 14.3%; | Average loss: | 0.9839 |
| Iteration: | 572; | Percent complete: | 14.3%; | Average loss: | 0.9681 |
| Iteration: | 573; | Percent complete: | 14.3%; | Average loss: | 1.2635 |
| Iteration: | 574; | Percent complete: | 14.3%; | Average loss: | 1.0664 |
| Iteration: | 575; | Percent complete: | 14.4%; | Average loss: | 1.0967 |
| Iteration: | 576; | Percent complete: | 14.4%; | Average loss: | 1.1515 |
| Iteration: | 577; | Percent complete: | 14.4%; | Average loss: | 1.1111 |
| Iteration: | 578; | Percent complete: | 14.4%; | Average loss: | 1.1952 |
| Iteration: | 579; | Percent complete: | 14.5%; | Average loss: | 1.1676 |
| Iteration: | 580; | Percent complete: | 14.5%; | Average loss: | 1.1525 |
| Iteration: | 581; | Percent complete: | 14.5%; | Average loss: | 0.8703 |
| Iteration: | 582; | Percent complete: | 14.5%; | Average loss: | 1.0383 |
| Iteration: | 583; | Percent complete: | 14.6%; | Average loss: | 0.9401 |
| Iteration: | 584; | Percent complete: | 14.6%; | Average loss: | 1.0578 |
| Iteration: | 585; | Percent complete: | 14.6%; | Average loss: | 1.2377 |
| Iteration: | 586; | Percent complete: | 14.6%; | Average loss: | 1.1026 |
| Iteration: | 587; | Percent complete: | 14.7%; | Average loss: | 1.1600 |
| Iteration: | 588; | Percent complete: | 14.7%; | Average loss: | 1.2094 |
| Iteration: | 589; | Percent complete: | 14.7%; | Average loss: | 1.1964 |
| Iteration: | 590; | Percent complete: | 14.8%; | Average loss: | 1.2688 |
| Iteration: | 591; | Percent complete: | 14.8%; | Average loss: | 1.2007 |
| Iteration: | 592; | Percent complete: | 14.8%; | Average loss: | 1.0917 |
| Iteration: | 593; | Percent complete: | 14.8%; | Average loss: | 1.1995 |
| Iteration: | 594; | Percent complete: | 14.8%; | Average loss: | 1.1585 |
| Iteration: | 595; | Percent complete: | 14.9%; | Average loss: | 1.0407 |
| Iteration: | 596; | Percent complete: | 14.9%; | Average loss: | 1.2069 |
| Iteration: | 597; | Percent complete: | 14.9%; | Average loss: | 0.9862 |
| Iteration: | 598; | Percent complete: | 14.9%; | Average loss: | 1.0796 |
| Iteration: | 599; | Percent complete: | 15.0%; | Average loss: | 1.1769 |
| Iteration: | 600; | Percent complete: | 15.0%; | Average loss: | 1.2832 |
| Iteration: | 601; | Percent complete: | 15.0%; | Average loss: | 1.2453 |
| Iteration: | 602; | Percent complete: | 15.0%; | Average loss: | 1.0698 |
| Iteration: | 603; | Percent complete: | 15.1%; | Average loss: | 1.3814 |
| Iteration: | 604; | Percent complete: | 15.1%; | Average loss: | 1.0499 |
| Iteration: | 605; | Percent complete: | 15.1%; | Average loss: | 1.2327 |
| Iteration: | 606; | Percent complete: | 15.2%; | Average loss: | 1.1682 |
| Iteration: | 607; | Percent complete: | 15.2%; | Average loss: | 1.0634 |
| Iteration: | 608; | Percent complete: | 15.2%; | Average loss: | 1.0478 |
| Iteration: | 609; | Percent complete: | 15.2%; | Average loss: | 1.3360 |
| Iteration: | 610; | Percent complete: | 15.2%; | Average loss: | 1.1397 |
| Iteration: | 611  |                   |        |               |        |

|                                                               |
|---------------------------------------------------------------|
| Iteration: 625; Percent complete: 15.4%; Average loss: 1.2539 |
| Iteration: 626; Percent complete: 15.7%; Average loss: 1.2428 |
| Iteration: 627; Percent complete: 15.7%; Average loss: 1.0963 |
| Iteration: 628; Percent complete: 15.7%; Average loss: 1.1734 |
| Iteration: 629; Percent complete: 15.7%; Average loss: 1.1487 |
| Iteration: 630; Percent complete: 15.8%; Average loss: 1.0284 |
| Iteration: 631; Percent complete: 15.8%; Average loss: 1.1157 |
| Iteration: 632; Percent complete: 15.8%; Average loss: 1.1965 |
| Iteration: 633; Percent complete: 15.8%; Average loss: 1.1389 |
| Iteration: 634; Percent complete: 15.8%; Average loss: 1.0265 |
| Iteration: 635; Percent complete: 15.9%; Average loss: 0.9054 |
| Iteration: 636; Percent complete: 15.9%; Average loss: 1.2507 |
| Iteration: 637; Percent complete: 15.9%; Average loss: 1.2779 |
| Iteration: 638; Percent complete: 16.0%; Average loss: 1.1747 |
| Iteration: 639; Percent complete: 16.0%; Average loss: 1.3384 |
| Iteration: 640; Percent complete: 16.0%; Average loss: 1.1955 |
| Iteration: 641; Percent complete: 16.0%; Average loss: 1.198  |
| Iteration: 642; Percent complete: 16.1%; Average loss: 1.2380 |
| Iteration: 643; Percent complete: 16.1%; Average loss: 1.3359 |
| Iteration: 644; Percent complete: 16.1%; Average loss: 1.2803 |
| Iteration: 645; Percent complete: 16.1%; Average loss: 1.1761 |
| Iteration: 646; Percent complete: 16.2%; Average loss: 1.1327 |
| Iteration: 647; Percent complete: 16.2%; Average loss: 1.0653 |
| Iteration: 648; Percent complete: 16.2%; Average loss: 1.0948 |
| Iteration: 649; Percent complete: 16.2%; Average loss: 0.9354 |
| Iteration: 650; Percent complete: 16.2%; Average loss: 1.2792 |
| Iteration: 651; Percent complete: 16.3%; Average loss: 1.2423 |
| Iteration: 652; Percent complete: 16.3%; Average loss: 1.1647 |
| Iteration: 653; Percent complete: 16.3%; Average loss: 1.2841 |
| Iteration: 654; Percent complete: 16.4%; Average loss: 1.1456 |
| Iteration: 655; Percent complete: 16.4%; Average loss: 1.3775 |
| Iteration: 656; Percent complete: 16.4%; Average loss: 1.3021 |
| Iteration: 657; Percent complete: 16.4%; Average loss: 1.1174 |
| Iteration: 658; Percent complete: 16.4%; Average loss: 1.2442 |
| Iteration: 659; Percent complete: 16.5%; Average loss: 1.1800 |
| Iteration: 660; Percent complete: 16.5%; Average loss: 1.3107 |
| Iteration: 661; Percent complete: 16.5%; Average loss: 1.3735 |
| Iteration: 662; Percent complete: 16.6%; Average loss: 1.0755 |
| Iteration: 663; Percent complete: 16.6%; Average loss: 1.1245 |
| Iteration: 664; Percent complete: 16.6%; Average loss: 1.1624 |
| Iteration: 665; Percent complete: 16.6%; Average loss: 1.0219 |
| Iteration: 666; Percent complete: 16.7%; Average loss: 1.1229 |
| Iteration: 667; Percent complete: 16.7%; Average loss: 1.0821 |
| Iteration: 668; Percent complete: 16.7%; Average loss: 1.1665 |
| Iteration: 669; Percent complete: 16.7%; Average loss: 1.1034 |
| Iteration: 670; Percent complete: 16.8%; Average loss: 0.9449 |
| Iteration: 671; Percent complete: 16.8%; Average loss: 1.0789 |
| Iteration: 672; Percent complete: 16.8%; Average loss: 1.2593 |
| Iteration: 673; Percent complete: 16.8%; Average loss: 1.1700 |
| Iteration: 674; Percent complete: 16.9%; Average loss: 1.4037 |
| Iteration: 675; Percent complete: 16.9%; Average loss: 1.1577 |
| Iteration: 676; Percent complete: 16.9%; Average loss: 0.9329 |
| Iteration: 677; Percent complete: 16.9%; Average loss: 1.3259 |
| Iteration: 678; Percent complete: 17.0%; Average loss: 0.9101 |
| Iteration: 679; Percent complete: 17.0%; Average loss: 1.0248 |
| Iteration: 680; Percent complete: 17.0%; Average loss: 1.0907 |
| Iteration: 681; Percent complete: 17.0%; Average loss: 1.1549 |
| Iteration: 682; Percent complete: 17.1%; Average loss: 1.1644 |
| Iteration: 683; Percent complete: 17.1%; Average loss: 1.3143 |
| Iteration: 684; Percent complete: 17.1%; Average loss: 1.0389 |
| Iteration: 685; Percent complete: 17.1%; Average loss: 1.0473 |
| Iteration: 686; Percent complete: 17.2%; Average loss: 1.0000 |
| Iteration: 687; Percent complete: 17.2%; Average loss: 1.4163 |
| Iteration: 688; Percent complete: 17.2%; Average loss: 1.2008 |
| Iteration: 689; Percent complete: 17.2%; Average loss: 1.0420 |
| Iteration: 690; Percent complete: 17.2%; Average loss: 1.1025 |
| Iteration: 691; Percent complete: 17.3%; Average loss: 1.2849 |
| Iteration: 692; Percent complete: 17.3%; Average loss: 1.2164 |
| Iteration: 693; Percent complete: 17.3%; Average loss: 1.2014 |
| Iteration: 694; Percent complete: 17.3%; Average loss: 1.1415 |
| Iteration: 695; Percent complete: 17.4%; Average loss: 1.3283 |
| Iteration: 696; Percent complete: 17.4%; Average loss: 1.0934 |
| Iteration: 697; Percent complete: 17.4%; Average loss: 1.0008 |
| Iteration: 698; Percent complete: 17.4%; Average loss: 1.2168 |
| Iteration: 699; Percent complete: 17.5%; Average loss: 1.3569 |
| Iteration: 700; Percent complete: 17.5%; Average loss: 1.1003 |
| Iteration: 701; Percent complete: 17.5%; Average loss: 1.1139 |
| Iteration: 702; Percent complete: 17.5%; Average loss: 1.2200 |
| Iteration: 703; Percent complete: 17.6%; Average loss: 1.1399 |
| Iteration: 704; Percent complete: 17.6%; Average loss: 1.1342 |
| Iteration: 705; Percent complete: 17.6%; Average loss: 1.1736 |
| Iteration: 706; Percent complete: 17.6%; Average loss: 1.0610 |
| Iteration: 707; Percent complete: 17.7%; Average loss: 1.0347 |
| Iteration: 708; Percent complete: 17.7%; Average loss: 1.2971 |
| Iteration: 709; Percent complete: 17.7%; Average loss: 1.1637 |
| Iteration: 710; Percent complete: 17.8%; Average loss: 1.0729 |
| Iteration: 711; Percent complete: 17.8%; Average loss: 1.3006 |
| Iteration: 712; Percent complete: 17.8%; Average loss: 1.2129 |
| Iteration: 713; Percent complete: 17.8%; Average loss: 1.0090 |
| Iteration: 714; Percent complete: 17.8%; Average loss: 1.3242 |
| Iteration: 715; Percent complete: 17.9%; Average loss: 1.1649 |
| Iteration: 716; Percent complete: 17.9%; Average loss: 1.0377 |

Iteration: 717; Percent complete: 17.9%; Average loss: 1.2491  
Iteration: 718; Percent complete: 17.9%; Average loss: 1.0001  
Iteration: 719; Percent complete: 18.0%; Average loss: 1.2709  
Iteration: 720; Percent complete: 18.0%; Average loss: 1.1714  
Iteration: 721; Percent complete: 18.0%; Average loss: 1.3133  
Iteration: 722; Percent complete: 18.1%; Average loss: 1.2019  
Iteration: 723; Percent complete: 18.1%; Average loss: 0.9901  
Iteration: 724; Percent complete: 18.1%; Average loss: 1.3160  
Iteration: 725; Percent complete: 18.1%; Average loss: 1.1014  
Iteration: 726; Percent complete: 18.1%; Average loss: 1.0591  
Iteration: 727; Percent complete: 18.2%; Average loss: 1.3939  
Iteration: 728; Percent complete: 18.2%; Average loss: 1.0402  
Iteration: 729; Percent complete: 18.2%; Average loss: 0.9585  
Iteration: 730; Percent complete: 18.2%; Average loss: 1.2823  
Iteration: 731; Percent complete: 18.3%; Average loss: 1.3084  
Iteration: 732; Percent complete: 18.3%; Average loss: 1.2674  
Iteration: 733; Percent complete: 18.3%; Average loss: 1.1157  
Iteration: 734; Percent complete: 18.4%; Average loss: 1.0988  
Iteration: 735; Percent complete: 18.4%; Average loss: 1.3625  
Iteration: 736; Percent complete: 18.4%; Average loss: 1.1183  
Iteration: 737; Percent complete: 18.4%; Average loss: 0.9939  
Iteration: 738; Percent complete: 18.4%; Average loss: 1.2494  
Iteration: 739; Percent complete: 18.5%; Average loss: 1.0870  
Iteration: 740; Percent complete: 18.5%; Average loss: 1.0802  
Iteration: 741; Percent complete: 18.5%; Average loss: 1.0699  
Iteration: 742; Percent complete: 18.6%; Average loss: 1.3200  
Iteration: 743; Percent complete: 18.6%; Average loss: 1.1837  
Iteration: 744; Percent complete: 18.6%; Average loss: 1.2354  
Iteration: 745; Percent complete: 18.6%; Average loss: 1.0297  
Iteration: 746; Percent complete: 18.6%; Average loss: 1.0203  
Iteration: 747; Percent complete: 18.7%; Average loss: 1.1504  
Iteration: 748; Percent complete: 18.7%; Average loss: 1.1843  
Iteration: 749; Percent complete: 18.7%; Average loss: 1.2566  
Iteration: 750; Percent complete: 18.8%; Average loss: 1.2757  
Iteration: 751; Percent complete: 18.8%; Average loss: 1.0509  
Iteration: 752; Percent complete: 18.8%; Average loss: 1.2986  
Iteration: 753; Percent complete: 18.8%; Average loss: 1.1493  
Iteration: 754; Percent complete: 18.9%; Average loss: 1.0327  
Iteration: 755; Percent complete: 18.9%; Average loss: 1.2256  
Iteration: 756; Percent complete: 18.9%; Average loss: 1.2126  
Iteration: 757; Percent complete: 18.9%; Average loss: 1.1623  
Iteration: 758; Percent complete: 18.9%; Average loss: 1.1381  
Iteration: 759; Percent complete: 19.0%; Average loss: 1.2031  
Iteration: 760; Percent complete: 19.0%; Average loss: 1.0433  
Iteration: 761; Percent complete: 19.0%; Average loss: 1.0872  
Iteration: 762; Percent complete: 19.1%; Average loss: 1.0706  
Iteration: 763; Percent complete: 19.1%; Average loss: 1.0163  
Iteration: 764; Percent complete: 19.1%; Average loss: 1.0655  
Iteration: 765; Percent complete: 19.1%; Average loss: 1.1526  
Iteration: 766; Percent complete: 19.1%; Average loss: 1.0293  
Iteration: 767; Percent complete: 19.2%; Average loss: 1.1409  
Iteration: 768; Percent complete: 19.2%; Average loss: 1.4195  
Iteration: 769; Percent complete: 19.2%; Average loss: 1.1783  
Iteration: 770; Percent complete: 19.2%; Average loss: 0.9974  
Iteration: 771; Percent complete: 19.3%; Average loss: 1.0386  
Iteration: 772; Percent complete: 19.3%; Average loss: 1.0189  
Iteration: 773; Percent complete: 19.3%; Average loss: 1.2978  
Iteration: 774; Percent complete: 19.4%; Average loss: 0.9837  
Iteration: 775; Percent complete: 19.4%; Average loss: 0.9638  
Iteration: 776; Percent complete: 19.4%; Average loss: 1.1798  
Iteration: 777; Percent complete: 19.4%; Average loss: 1.1478  
Iteration: 778; Percent complete: 19.4%; Average loss: 1.1732  
Iteration: 779; Percent complete: 19.5%; Average loss: 1.2199  
Iteration: 780; Percent complete: 19.5%; Average loss: 1.4753  
Iteration: 781; Percent complete: 19.5%; Average loss: 1.2261  
Iteration: 782; Percent complete: 19.6%; Average loss: 1.1656  
Iteration: 783; Percent complete: 19.6%; Average loss: 1.2232  
Iteration: 784; Percent complete: 19.6%; Average loss: 1.3142  
Iteration: 785; Percent complete: 19.6%; Average loss: 0.9947  
Iteration: 786; Percent complete: 19.7%; Average loss: 1.1066  
Iteration: 787; Percent complete: 19.7%; Average loss: 1.0560  
Iteration: 788; Percent complete: 19.7%; Average loss: 1.1845  
Iteration: 789; Percent complete: 19.7%; Average loss: 1.2767  
Iteration: 790; Percent complete: 19.8%; Average loss: 1.4356  
Iteration: 791; Percent complete: 19.8%; Average loss: 1.1495  
Iteration: 792; Percent complete: 19.8%; Average loss: 1.0269  
Iteration: 793; Percent complete: 19.8%; Average loss: 1.0344  
Iteration: 794; Percent complete: 19.9%; Average loss: 1.0318  
Iteration: 795; Percent complete: 19.9%; Average loss: 1.2536  
Iteration: 796; Percent complete: 19.9%; Average loss: 1.1170  
Iteration: 797; Percent complete: 19.9%; Average loss: 1.2120  
Iteration: 798; Percent complete: 20.0%; Average loss: 1.0741  
Iteration: 799; Percent complete: 20.0%; Average loss: 1.0087  
Iteration: 800; Percent complete: 20.0%; Average loss: 1.3814  
Iteration: 801; Percent complete: 20.0%; Average loss: 1.0358  
Iteration: 802; Percent complete: 20.1%; Average loss: 1.2365  
Iteration: 803; Percent complete: 20.1%; Average loss: 0.9994  
Iteration: 804; Percent complete: 20.1%; Average loss: 1.1604  
Iteration: 805; Percent complete: 20.1%; Average loss: 1.2354  
Iteration: 806; Percent complete: 20.2%; Average loss: 1.1301  
Iteration: 807; Percent complete: 20.2%; Average loss: 1.0779

Iteration: 808; Percent complete: 20.2%; Average loss: 1.1870  
Iteration: 809; Percent complete: 20.2%; Average loss: 1.0946  
Iteration: 810; Percent complete: 20.2%; Average loss: 1.1008  
Iteration: 811; Percent complete: 20.3%; Average loss: 0.8840  
Iteration: 812; Percent complete: 20.3%; Average loss: 1.1653  
Iteration: 813; Percent complete: 20.3%; Average loss: 0.9908  
Iteration: 814; Percent complete: 20.3%; Average loss: 1.1893  
Iteration: 815; Percent complete: 20.4%; Average loss: 1.1466  
Iteration: 816; Percent complete: 20.4%; Average loss: 1.0898  
Iteration: 817; Percent complete: 20.4%; Average loss: 1.0338  
Iteration: 818; Percent complete: 20.4%; Average loss: 1.1529  
Iteration: 819; Percent complete: 20.5%; Average loss: 1.0724  
Iteration: 820; Percent complete: 20.5%; Average loss: 1.1030  
Iteration: 821; Percent complete: 20.5%; Average loss: 1.2981  
Iteration: 822; Percent complete: 20.5%; Average loss: 1.2183  
Iteration: 823; Percent complete: 20.6%; Average loss: 1.1953  
Iteration: 824; Percent complete: 20.6%; Average loss: 1.0442  
Iteration: 825; Percent complete: 20.6%; Average loss: 0.9914  
Iteration: 826; Percent complete: 20.6%; Average loss: 1.3203  
Iteration: 827; Percent complete: 20.7%; Average loss: 0.9970  
Iteration: 828; Percent complete: 20.7%; Average loss: 1.0965  
Iteration: 829; Percent complete: 20.7%; Average loss: 1.1206  
Iteration: 830; Percent complete: 20.8%; Average loss: 1.0670  
Iteration: 831; Percent complete: 20.8%; Average loss: 1.1846  
Iteration: 832; Percent complete: 20.8%; Average loss: 0.9678  
Iteration: 833; Percent complete: 20.8%; Average loss: 1.2531  
Iteration: 834; Percent complete: 20.8%; Average loss: 1.1288  
Iteration: 835; Percent complete: 20.9%; Average loss: 1.1148  
Iteration: 836; Percent complete: 20.9%; Average loss: 1.1492  
Iteration: 837; Percent complete: 20.9%; Average loss: 1.3834  
Iteration: 838; Percent complete: 20.9%; Average loss: 1.2479  
Iteration: 839; Percent complete: 21.0%; Average loss: 1.2101  
Iteration: 840; Percent complete: 21.0%; Average loss: 1.0749  
Iteration: 841; Percent complete: 21.0%; Average loss: 1.1453  
Iteration: 842; Percent complete: 21.1%; Average loss: 1.0075  
Iteration: 843; Percent complete: 21.1%; Average loss: 1.1004  
Iteration: 844; Percent complete: 21.1%; Average loss: 1.3638  
Iteration: 845; Percent complete: 21.1%; Average loss: 1.2615  
Iteration: 846; Percent complete: 21.1%; Average loss: 1.0985  
Iteration: 847; Percent complete: 21.2%; Average loss: 1.1103  
Iteration: 848; Percent complete: 21.2%; Average loss: 1.1786  
Iteration: 849; Percent complete: 21.2%; Average loss: 1.2156  
Iteration: 850; Percent complete: 21.2%; Average loss: 1.2100  
Iteration: 851; Percent complete: 21.3%; Average loss: 1.0082  
Iteration: 852; Percent complete: 21.3%; Average loss: 1.0317  
Iteration: 853; Percent complete: 21.3%; Average loss: 1.3378  
Iteration: 854; Percent complete: 21.3%; Average loss: 0.8917  
Iteration: 855; Percent complete: 21.4%; Average loss: 1.0885  
Iteration: 856; Percent complete: 21.4%; Average loss: 1.1983  
Iteration: 857; Percent complete: 21.4%; Average loss: 1.1773  
Iteration: 858; Percent complete: 21.4%; Average loss: 1.1197  
Iteration: 859; Percent complete: 21.5%; Average loss: 1.1975  
Iteration: 860; Percent complete: 21.5%; Average loss: 0.9894  
Iteration: 861; Percent complete: 21.5%; Average loss: 1.0100  
Iteration: 862; Percent complete: 21.6%; Average loss: 0.9945  
Iteration: 863; Percent complete: 21.6%; Average loss: 1.2229  
Iteration: 864; Percent complete: 21.6%; Average loss: 1.2942  
Iteration: 865; Percent complete: 21.6%; Average loss: 1.2426  
Iteration: 866; Percent complete: 21.6%; Average loss: 1.0567  
Iteration: 867; Percent complete: 21.7%; Average loss: 0.9907  
Iteration: 868; Percent complete: 21.7%; Average loss: 1.0114  
Iteration: 869; Percent complete: 21.7%; Average loss: 1.0518  
Iteration: 870; Percent complete: 21.8%; Average loss: 1.1340  
Iteration: 871; Percent complete: 21.8%; Average loss: 1.3133  
Iteration: 872; Percent complete: 21.8%; Average loss: 1.1337  
Iteration: 873; Percent complete: 21.8%; Average loss: 1.1583  
Iteration: 874; Percent complete: 21.9%; Average loss: 1.3376  
Iteration: 875; Percent complete: 21.9%; Average loss: 1.1708  
Iteration: 876; Percent complete: 21.9%; Average loss: 1.1583  
Iteration: 877; Percent complete: 21.9%; Average loss: 1.2585  
Iteration: 878; Percent complete: 21.9%; Average loss: 1.0086  
Iteration: 879; Percent complete: 22.0%; Average loss: 1.2151  
Iteration: 880; Percent complete: 22.0%; Average loss: 0.9385  
Iteration: 881; Percent complete: 22.0%; Average loss: 1.0475  
Iteration: 882; Percent complete: 22.1%; Average loss: 1.1237  
Iteration: 883; Percent complete: 22.1%; Average loss: 1.1676  
Iteration: 884; Percent complete: 22.1%; Average loss: 1.4501  
Iteration: 885; Percent complete: 22.1%; Average loss: 1.1338  
Iteration: 886; Percent complete: 22.1%; Average loss: 1.0715  
Iteration: 887; Percent complete: 22.2%; Average loss: 1.2768  
Iteration: 888; Percent complete: 22.2%; Average loss: 1.3100  
Iteration: 889; Percent complete: 22.2%; Average loss: 1.3498  
Iteration: 890; Percent complete: 22.2%; Average loss: 1.2686  
Iteration: 891; Percent complete: 22.3%; Average loss: 0.8823  
Iteration: 892; Percent complete: 22.3%; Average loss: 1.0087  
Iteration: 893; Percent complete: 22.3%; Average loss: 1.1163  
Iteration: 894; Percent complete: 22.4%; Average loss: 1.0691  
Iteration: 895; Percent complete: 22.4%; Average loss: 1.1826  
Iteration: 896; Percent complete: 22.4%; Average loss: 1.0816  
Iteration: 897; Percent complete: 22.4%; Average loss: 1.2767  
Iteration: 898; Percent complete: 22.4%; Average loss: 1.0732  
Iteration: 899; Percent complete: 22.5%; Average loss: 1.2224

Iteration: 899; Percent complete: 22.5%; Average loss: 1.3234  
Iteration: 900; Percent complete: 22.5%; Average loss: 1.0702  
Iteration: 901; Percent complete: 22.5%; Average loss: 1.0768  
Iteration: 902; Percent complete: 22.6%; Average loss: 1.1575  
Iteration: 903; Percent complete: 22.6%; Average loss: 1.0581  
Iteration: 904; Percent complete: 22.6%; Average loss: 1.2106  
Iteration: 905; Percent complete: 22.6%; Average loss: 1.3032  
Iteration: 906; Percent complete: 22.7%; Average loss: 1.2117  
Iteration: 907; Percent complete: 22.7%; Average loss: 1.1181  
Iteration: 908; Percent complete: 22.7%; Average loss: 1.1047  
Iteration: 909; Percent complete: 22.7%; Average loss: 1.3469  
Iteration: 910; Percent complete: 22.8%; Average loss: 1.0215  
Iteration: 911; Percent complete: 22.8%; Average loss: 1.2374  
Iteration: 912; Percent complete: 22.8%; Average loss: 1.2073  
Iteration: 913; Percent complete: 22.8%; Average loss: 1.1650  
Iteration: 914; Percent complete: 22.9%; Average loss: 1.2389  
Iteration: 915; Percent complete: 22.9%; Average loss: 1.0425  
Iteration: 916; Percent complete: 22.9%; Average loss: 1.2092  
Iteration: 917; Percent complete: 22.9%; Average loss: 1.0393  
Iteration: 918; Percent complete: 22.9%; Average loss: 0.8596  
Iteration: 919; Percent complete: 23.0%; Average loss: 1.0127  
Iteration: 920; Percent complete: 23.0%; Average loss: 0.9369  
Iteration: 921; Percent complete: 23.0%; Average loss: 1.0790  
Iteration: 922; Percent complete: 23.1%; Average loss: 1.1932  
Iteration: 923; Percent complete: 23.1%; Average loss: 1.2801  
Iteration: 924; Percent complete: 23.1%; Average loss: 1.3669  
Iteration: 925; Percent complete: 23.1%; Average loss: 1.2416  
Iteration: 926; Percent complete: 23.2%; Average loss: 1.2330  
Iteration: 927; Percent complete: 23.2%; Average loss: 0.9660  
Iteration: 928; Percent complete: 23.2%; Average loss: 0.9697  
Iteration: 929; Percent complete: 23.2%; Average loss: 0.9760  
Iteration: 930; Percent complete: 23.2%; Average loss: 1.2412  
Iteration: 931; Percent complete: 23.3%; Average loss: 1.2850  
Iteration: 932; Percent complete: 23.3%; Average loss: 1.0379  
Iteration: 933; Percent complete: 23.3%; Average loss: 1.2538  
Iteration: 934; Percent complete: 23.4%; Average loss: 1.1348  
Iteration: 935; Percent complete: 23.4%; Average loss: 1.1809  
Iteration: 936; Percent complete: 23.4%; Average loss: 1.0887  
Iteration: 937; Percent complete: 23.4%; Average loss: 0.9454  
Iteration: 938; Percent complete: 23.4%; Average loss: 1.1232  
Iteration: 939; Percent complete: 23.5%; Average loss: 1.2632  
Iteration: 940; Percent complete: 23.5%; Average loss: 1.2916  
Iteration: 941; Percent complete: 23.5%; Average loss: 1.1834  
Iteration: 942; Percent complete: 23.5%; Average loss: 1.0877  
Iteration: 943; Percent complete: 23.6%; Average loss: 1.2652  
Iteration: 944; Percent complete: 23.6%; Average loss: 1.0321  
Iteration: 945; Percent complete: 23.6%; Average loss: 1.1884  
Iteration: 946; Percent complete: 23.6%; Average loss: 1.1342  
Iteration: 947; Percent complete: 23.7%; Average loss: 1.0852  
Iteration: 948; Percent complete: 23.7%; Average loss: 1.0597  
Iteration: 949; Percent complete: 23.7%; Average loss: 1.0326  
Iteration: 950; Percent complete: 23.8%; Average loss: 1.3843  
Iteration: 951; Percent complete: 23.8%; Average loss: 1.3829  
Iteration: 952; Percent complete: 23.8%; Average loss: 1.2208  
Iteration: 953; Percent complete: 23.8%; Average loss: 1.1973  
Iteration: 954; Percent complete: 23.8%; Average loss: 1.3703  
Iteration: 955; Percent complete: 23.9%; Average loss: 1.1661  
Iteration: 956; Percent complete: 23.9%; Average loss: 0.9448  
Iteration: 957; Percent complete: 23.9%; Average loss: 1.1484  
Iteration: 958; Percent complete: 23.9%; Average loss: 1.2629  
Iteration: 959; Percent complete: 24.0%; Average loss: 1.1302  
Iteration: 960; Percent complete: 24.0%; Average loss: 1.1299  
Iteration: 961; Percent complete: 24.0%; Average loss: 1.2733  
Iteration: 962; Percent complete: 24.1%; Average loss: 1.1206  
Iteration: 963; Percent complete: 24.1%; Average loss: 1.2037  
Iteration: 964; Percent complete: 24.1%; Average loss: 1.0280  
Iteration: 965; Percent complete: 24.1%; Average loss: 1.2633  
Iteration: 966; Percent complete: 24.1%; Average loss: 1.0204  
Iteration: 967; Percent complete: 24.2%; Average loss: 1.2549  
Iteration: 968; Percent complete: 24.2%; Average loss: 0.9882  
Iteration: 969; Percent complete: 24.2%; Average loss: 1.0474  
Iteration: 970; Percent complete: 24.2%; Average loss: 1.2559  
Iteration: 971; Percent complete: 24.3%; Average loss: 0.9885  
Iteration: 972; Percent complete: 24.3%; Average loss: 1.3652  
Iteration: 973; Percent complete: 24.3%; Average loss: 1.2098  
Iteration: 974; Percent complete: 24.3%; Average loss: 1.2707  
Iteration: 975; Percent complete: 24.4%; Average loss: 1.2207  
Iteration: 976; Percent complete: 24.4%; Average loss: 1.0143  
Iteration: 977; Percent complete: 24.4%; Average loss: 1.0754  
Iteration: 978; Percent complete: 24.4%; Average loss: 1.0133  
Iteration: 979; Percent complete: 24.5%; Average loss: 1.1867  
Iteration: 980; Percent complete: 24.5%; Average loss: 1.2120  
Iteration: 981; Percent complete: 24.5%; Average loss: 0.9809  
Iteration: 982; Percent complete: 24.6%; Average loss: 1.1471  
Iteration: 983; Percent complete: 24.6%; Average loss: 1.3957  
Iteration: 984; Percent complete: 24.6%; Average loss: 1.2249  
Iteration: 985; Percent complete: 24.6%; Average loss: 1.1594  
Iteration: 986; Percent complete: 24.6%; Average loss: 1.1209  
Iteration: 987; Percent complete: 24.7%; Average loss: 1.3548  
Iteration: 988; Percent complete: 24.7%; Average loss: 1.1476  
Iteration: 989; Percent complete: 24.7%; Average loss: 1.2613  
Iteration: 990; Percent complete: 24.8%; Average loss: 1.0387



Iteration: 998; Percent complete: 24.8%; Average loss: 1.1219  
Iteration: 991; Percent complete: 24.8%; Average loss: 0.9536  
Iteration: 992; Percent complete: 24.8%; Average loss: 1.3255  
Iteration: 993; Percent complete: 24.8%; Average loss: 1.1247  
Iteration: 994; Percent complete: 24.9%; Average loss: 1.1727  
Iteration: 995; Percent complete: 24.9%; Average loss: 1.2574  
Iteration: 996; Percent complete: 24.9%; Average loss: 1.0031  
Iteration: 997; Percent complete: 24.9%; Average loss: 0.9639  
Iteration: 998; Percent complete: 24.9%; Average loss: 1.0454  
Iteration: 999; Percent complete: 25.0%; Average loss: 1.2287  
Iteration: 1000; Percent complete: 25.0%; Average loss: 1.0012  
Iteration: 1001; Percent complete: 25.0%; Average loss: 1.2317  
Iteration: 1002; Percent complete: 25.1%; Average loss: 1.1151  
Iteration: 1003; Percent complete: 25.1%; Average loss: 1.0641  
Iteration: 1004; Percent complete: 25.1%; Average loss: 1.2101  
Iteration: 1005; Percent complete: 25.1%; Average loss: 0.9823  
Iteration: 1006; Percent complete: 25.1%; Average loss: 1.1021  
Iteration: 1007; Percent complete: 25.2%; Average loss: 1.2314  
Iteration: 1008; Percent complete: 25.2%; Average loss: 1.3085  
Iteration: 1009; Percent complete: 25.2%; Average loss: 1.2322  
Iteration: 1010; Percent complete: 25.2%; Average loss: 1.2770  
Iteration: 1011; Percent complete: 25.3%; Average loss: 1.1116  
Iteration: 1012; Percent complete: 25.3%; Average loss: 1.2263  
Iteration: 1013; Percent complete: 25.3%; Average loss: 1.1229  
Iteration: 1014; Percent complete: 25.4%; Average loss: 1.3426  
Iteration: 1015; Percent complete: 25.4%; Average loss: 1.1912  
Iteration: 1016; Percent complete: 25.4%; Average loss: 1.2097  
Iteration: 1017; Percent complete: 25.4%; Average loss: 1.0941  
Iteration: 1018; Percent complete: 25.4%; Average loss: 1.0850  
Iteration: 1019; Percent complete: 25.5%; Average loss: 1.1553  
Iteration: 1020; Percent complete: 25.5%; Average loss: 1.0734  
Iteration: 1021; Percent complete: 25.5%; Average loss: 1.2411  
Iteration: 1022; Percent complete: 25.6%; Average loss: 1.0624  
Iteration: 1023; Percent complete: 25.6%; Average loss: 1.2311  
Iteration: 1024; Percent complete: 25.6%; Average loss: 1.3294  
Iteration: 1025; Percent complete: 25.6%; Average loss: 1.1166  
Iteration: 1026; Percent complete: 25.7%; Average loss: 1.1170  
Iteration: 1027; Percent complete: 25.7%; Average loss: 1.0197  
Iteration: 1028; Percent complete: 25.7%; Average loss: 1.0139  
Iteration: 1029; Percent complete: 25.7%; Average loss: 1.2553  
Iteration: 1030; Percent complete: 25.8%; Average loss: 1.1239  
Iteration: 1031; Percent complete: 25.8%; Average loss: 1.2187  
Iteration: 1032; Percent complete: 25.8%; Average loss: 1.2757  
Iteration: 1033; Percent complete: 25.8%; Average loss: 1.0741  
Iteration: 1034; Percent complete: 25.9%; Average loss: 1.0352  
Iteration: 1035; Percent complete: 25.9%; Average loss: 1.1931  
Iteration: 1036; Percent complete: 25.9%; Average loss: 1.2165  
Iteration: 1037; Percent complete: 25.9%; Average loss: 1.0467  
Iteration: 1038; Percent complete: 25.9%; Average loss: 0.9814  
Iteration: 1039; Percent complete: 26.0%; Average loss: 1.2089  
Iteration: 1040; Percent complete: 26.0%; Average loss: 1.2168  
Iteration: 1041; Percent complete: 26.0%; Average loss: 0.9973  
Iteration: 1042; Percent complete: 26.1%; Average loss: 1.1319  
Iteration: 1043; Percent complete: 26.1%; Average loss: 1.2401  
Iteration: 1044; Percent complete: 26.1%; Average loss: 1.2850  
Iteration: 1045; Percent complete: 26.1%; Average loss: 1.1043  
Iteration: 1046; Percent complete: 26.2%; Average loss: 1.1700  
Iteration: 1047; Percent complete: 26.2%; Average loss: 1.0579  
Iteration: 1048; Percent complete: 26.2%; Average loss: 1.1109  
Iteration: 1049; Percent complete: 26.2%; Average loss: 1.2223  
Iteration: 1050; Percent complete: 26.2%; Average loss: 1.0195  
Iteration: 1051; Percent complete: 26.3%; Average loss: 1.0516  
Iteration: 1052; Percent complete: 26.3%; Average loss: 1.0130  
Iteration: 1053; Percent complete: 26.3%; Average loss: 1.1172  
Iteration: 1054; Percent complete: 26.4%; Average loss: 1.2641  
Iteration: 1055; Percent complete: 26.4%; Average loss: 1.0984  
Iteration: 1056; Percent complete: 26.4%; Average loss: 1.3767  
Iteration: 1057; Percent complete: 26.4%; Average loss: 1.1564  
Iteration: 1058; Percent complete: 26.5%; Average loss: 1.2288  
Iteration: 1059; Percent complete: 26.5%; Average loss: 1.2294  
Iteration: 1060; Percent complete: 26.5%; Average loss: 1.0559  
Iteration: 1061; Percent complete: 26.5%; Average loss: 1.2346  
Iteration: 1062; Percent complete: 26.6%; Average loss: 1.0726  
Iteration: 1063; Percent complete: 26.6%; Average loss: 1.1244  
Iteration: 1064; Percent complete: 26.6%; Average loss: 1.0655  
Iteration: 1065; Percent complete: 26.6%; Average loss: 1.2606  
Iteration: 1066; Percent complete: 26.7%; Average loss: 1.1803  
Iteration: 1067; Percent complete: 26.7%; Average loss: 1.3245  
Iteration: 1068; Percent complete: 26.7%; Average loss: 1.3271  
Iteration: 1069; Percent complete: 26.7%; Average loss: 1.1182  
Iteration: 1070; Percent complete: 26.8%; Average loss: 1.0551  
Iteration: 1071; Percent complete: 26.8%; Average loss: 0.9740  
Iteration: 1072; Percent complete: 26.8%; Average loss: 1.1174  
Iteration: 1073; Percent complete: 26.8%; Average loss: 1.0103  
Iteration: 1074; Percent complete: 26.9%; Average loss: 1.1828  
Iteration: 1075; Percent complete: 26.9%; Average loss: 1.2891  
Iteration: 1076; Percent complete: 26.9%; Average loss: 1.2044  
Iteration: 1077; Percent complete: 26.9%; Average loss: 1.1894  
Iteration: 1078; Percent complete: 27.0%; Average loss: 1.2154  
Iteration: 1079; Percent complete: 27.0%; Average loss: 1.0835  
Iteration: 1080; Percent complete: 27.0%; Average loss: 1.1057  
Iteration: 1081; Percent complete: 27.0%; Average loss: 1.1057



Iteration: 1173; Percent complete: 29.3%; Average loss: 1.0627  
Iteration: 1174; Percent complete: 29.3%; Average loss: 1.1641  
Iteration: 1175; Percent complete: 29.4%; Average loss: 1.0822  
Iteration: 1176; Percent complete: 29.4%; Average loss: 1.2338  
Iteration: 1177; Percent complete: 29.4%; Average loss: 1.1719  
Iteration: 1178; Percent complete: 29.4%; Average loss: 1.2270  
Iteration: 1179; Percent complete: 29.5%; Average loss: 1.1054  
Iteration: 1180; Percent complete: 29.5%; Average loss: 1.0885  
Iteration: 1181; Percent complete: 29.5%; Average loss: 1.0576  
Iteration: 1182; Percent complete: 29.5%; Average loss: 1.1676  
Iteration: 1183; Percent complete: 29.6%; Average loss: 0.9223  
Iteration: 1184; Percent complete: 29.6%; Average loss: 1.1917  
Iteration: 1185; Percent complete: 29.6%; Average loss: 1.0799  
Iteration: 1186; Percent complete: 29.6%; Average loss: 1.0822  
Iteration: 1187; Percent complete: 29.7%; Average loss: 1.2053  
Iteration: 1188; Percent complete: 29.7%; Average loss: 1.1946  
Iteration: 1189; Percent complete: 29.7%; Average loss: 1.1334  
Iteration: 1190; Percent complete: 29.8%; Average loss: 1.0824  
Iteration: 1191; Percent complete: 29.8%; Average loss: 1.3718  
Iteration: 1192; Percent complete: 29.8%; Average loss: 1.1995  
Iteration: 1193; Percent complete: 29.8%; Average loss: 1.1997  
Iteration: 1194; Percent complete: 29.8%; Average loss: 1.0913  
Iteration: 1195; Percent complete: 29.9%; Average loss: 1.0552  
Iteration: 1196; Percent complete: 29.9%; Average loss: 1.2567  
Iteration: 1197; Percent complete: 29.9%; Average loss: 1.0474  
Iteration: 1198; Percent complete: 29.9%; Average loss: 1.0452  
Iteration: 1199; Percent complete: 30.0%; Average loss: 1.0034  
Iteration: 1200; Percent complete: 30.0%; Average loss: 1.1251  
Iteration: 1201; Percent complete: 30.0%; Average loss: 0.9237  
Iteration: 1202; Percent complete: 30.0%; Average loss: 1.0696  
Iteration: 1203; Percent complete: 30.1%; Average loss: 1.3072  
Iteration: 1204; Percent complete: 30.1%; Average loss: 1.0698  
Iteration: 1205; Percent complete: 30.1%; Average loss: 1.2650  
Iteration: 1206; Percent complete: 30.1%; Average loss: 1.0969  
Iteration: 1207; Percent complete: 30.2%; Average loss: 1.0942  
Iteration: 1208; Percent complete: 30.2%; Average loss: 1.0603  
Iteration: 1209; Percent complete: 30.2%; Average loss: 1.2352  
Iteration: 1210; Percent complete: 30.2%; Average loss: 1.1485  
Iteration: 1211; Percent complete: 30.3%; Average loss: 1.1719  
Iteration: 1212; Percent complete: 30.3%; Average loss: 1.0536  
Iteration: 1213; Percent complete: 30.3%; Average loss: 0.9212  
Iteration: 1214; Percent complete: 30.3%; Average loss: 1.0506  
Iteration: 1215; Percent complete: 30.4%; Average loss: 1.0475  
Iteration: 1216; Percent complete: 30.4%; Average loss: 1.1362  
Iteration: 1217; Percent complete: 30.4%; Average loss: 1.0974  
Iteration: 1218; Percent complete: 30.4%; Average loss: 1.0465  
Iteration: 1219; Percent complete: 30.5%; Average loss: 1.0905  
Iteration: 1220; Percent complete: 30.5%; Average loss: 1.1991  
Iteration: 1221; Percent complete: 30.5%; Average loss: 1.1249  
Iteration: 1222; Percent complete: 30.6%; Average loss: 1.3116  
Iteration: 1223; Percent complete: 30.6%; Average loss: 1.1145  
Iteration: 1224; Percent complete: 30.6%; Average loss: 1.2313  
Iteration: 1225; Percent complete: 30.6%; Average loss: 1.3019  
Iteration: 1226; Percent complete: 30.6%; Average loss: 1.2715  
Iteration: 1227; Percent complete: 30.7%; Average loss: 1.1176  
Iteration: 1228; Percent complete: 30.7%; Average loss: 1.2545  
Iteration: 1229; Percent complete: 30.7%; Average loss: 1.0720  
Iteration: 1230; Percent complete: 30.8%; Average loss: 1.2299  
Iteration: 1231; Percent complete: 30.8%; Average loss: 1.2593  
Iteration: 1232; Percent complete: 30.8%; Average loss: 1.4050  
Iteration: 1233; Percent complete: 30.8%; Average loss: 1.1949  
Iteration: 1234; Percent complete: 30.9%; Average loss: 0.9986  
Iteration: 1235; Percent complete: 30.9%; Average loss: 1.2101  
Iteration: 1236; Percent complete: 30.9%; Average loss: 1.0408  
Iteration: 1237; Percent complete: 30.9%; Average loss: 1.2202  
Iteration: 1238; Percent complete: 30.9%; Average loss: 1.3510  
Iteration: 1239; Percent complete: 31.0%; Average loss: 1.3600  
Iteration: 1240; Percent complete: 31.0%; Average loss: 1.1538  
Iteration: 1241; Percent complete: 31.0%; Average loss: 1.2522  
Iteration: 1242; Percent complete: 31.1%; Average loss: 1.2180  
Iteration: 1243; Percent complete: 31.1%; Average loss: 1.2014  
Iteration: 1244; Percent complete: 31.1%; Average loss: 1.0983  
Iteration: 1245; Percent complete: 31.1%; Average loss: 0.9935  
Iteration: 1246; Percent complete: 31.1%; Average loss: 1.2299  
Iteration: 1247; Percent complete: 31.2%; Average loss: 1.4143  
Iteration: 1248; Percent complete: 31.2%; Average loss: 1.2700  
Iteration: 1249; Percent complete: 31.2%; Average loss: 0.8678  
Iteration: 1250; Percent complete: 31.2%; Average loss: 0.9896  
Iteration: 1251; Percent complete: 31.3%; Average loss: 1.1506  
Iteration: 1252; Percent complete: 31.3%; Average loss: 1.1639  
Iteration: 1253; Percent complete: 31.3%; Average loss: 1.2279  
Iteration: 1254; Percent complete: 31.4%; Average loss: 1.2127  
Iteration: 1255; Percent complete: 31.4%; Average loss: 1.5225  
Iteration: 1256; Percent complete: 31.4%; Average loss: 1.2252  
Iteration: 1257; Percent complete: 31.4%; Average loss: 0.9706  
Iteration: 1258; Percent complete: 31.4%; Average loss: 1.0161  
Iteration: 1259; Percent complete: 31.5%; Average loss: 1.1823  
Iteration: 1260; Percent complete: 31.5%; Average loss: 1.1865  
Iteration: 1261; Percent complete: 31.5%; Average loss: 1.1207  
Iteration: 1262; Percent complete: 31.6%; Average loss: 1.1009  
Iteration: 1263; Percent complete: 31.6%; Average loss: 1.2892  
Iteration: 1264; Percent complete: 31.6%; Average loss: 1.1162

Iteration: 1264; Percent complete: 31.6%; Average loss: 1.1162  
Iteration: 1265; Percent complete: 31.6%; Average loss: 1.2355  
Iteration: 1266; Percent complete: 31.6%; Average loss: 1.1329  
Iteration: 1267; Percent complete: 31.7%; Average loss: 1.2368  
Iteration: 1268; Percent complete: 31.7%; Average loss: 1.1825  
Iteration: 1269; Percent complete: 31.7%; Average loss: 1.2572  
Iteration: 1270; Percent complete: 31.8%; Average loss: 1.1839  
Iteration: 1271; Percent complete: 31.8%; Average loss: 1.0926  
Iteration: 1272; Percent complete: 31.8%; Average loss: 1.0371  
Iteration: 1273; Percent complete: 31.8%; Average loss: 1.0825  
Iteration: 1274; Percent complete: 31.9%; Average loss: 1.2546  
Iteration: 1275; Percent complete: 31.9%; Average loss: 1.1387  
Iteration: 1276; Percent complete: 31.9%; Average loss: 1.0981  
Iteration: 1277; Percent complete: 31.9%; Average loss: 1.1084  
Iteration: 1278; Percent complete: 31.9%; Average loss: 1.3364  
Iteration: 1279; Percent complete: 32.0%; Average loss: 1.1836  
Iteration: 1280; Percent complete: 32.0%; Average loss: 1.2726  
Iteration: 1281; Percent complete: 32.0%; Average loss: 1.3544  
Iteration: 1282; Percent complete: 32.0%; Average loss: 1.1834  
Iteration: 1283; Percent complete: 32.1%; Average loss: 1.0548  
Iteration: 1284; Percent complete: 32.1%; Average loss: 1.2135  
Iteration: 1285; Percent complete: 32.1%; Average loss: 1.3156  
Iteration: 1286; Percent complete: 32.1%; Average loss: 0.9701  
Iteration: 1287; Percent complete: 32.2%; Average loss: 1.1399  
Iteration: 1288; Percent complete: 32.2%; Average loss: 1.3302  
Iteration: 1289; Percent complete: 32.2%; Average loss: 1.0181  
Iteration: 1290; Percent complete: 32.2%; Average loss: 1.1366  
Iteration: 1291; Percent complete: 32.3%; Average loss: 0.9622  
Iteration: 1292; Percent complete: 32.3%; Average loss: 1.1667  
Iteration: 1293; Percent complete: 32.3%; Average loss: 1.1310  
Iteration: 1294; Percent complete: 32.4%; Average loss: 1.0772  
Iteration: 1295; Percent complete: 32.4%; Average loss: 1.0238  
Iteration: 1296; Percent complete: 32.4%; Average loss: 1.2115  
Iteration: 1297; Percent complete: 32.4%; Average loss: 1.1068  
Iteration: 1298; Percent complete: 32.5%; Average loss: 1.1316  
Iteration: 1299; Percent complete: 32.5%; Average loss: 0.9591  
Iteration: 1300; Percent complete: 32.5%; Average loss: 1.2063  
Iteration: 1301; Percent complete: 32.5%; Average loss: 1.1037  
Iteration: 1302; Percent complete: 32.6%; Average loss: 1.3582  
Iteration: 1303; Percent complete: 32.6%; Average loss: 1.4283  
Iteration: 1304; Percent complete: 32.6%; Average loss: 1.1909  
Iteration: 1305; Percent complete: 32.6%; Average loss: 1.0315  
Iteration: 1306; Percent complete: 32.6%; Average loss: 1.0886  
Iteration: 1307; Percent complete: 32.7%; Average loss: 1.2323  
Iteration: 1308; Percent complete: 32.7%; Average loss: 1.2552  
Iteration: 1309; Percent complete: 32.7%; Average loss: 1.0651  
Iteration: 1310; Percent complete: 32.8%; Average loss: 1.1328  
Iteration: 1311; Percent complete: 32.8%; Average loss: 1.1902  
Iteration: 1312; Percent complete: 32.8%; Average loss: 1.2725  
Iteration: 1313; Percent complete: 32.8%; Average loss: 1.0674  
Iteration: 1314; Percent complete: 32.9%; Average loss: 1.0090  
Iteration: 1315; Percent complete: 32.9%; Average loss: 1.2483  
Iteration: 1316; Percent complete: 32.9%; Average loss: 1.0901  
Iteration: 1317; Percent complete: 32.9%; Average loss: 1.0647  
Iteration: 1318; Percent complete: 33.0%; Average loss: 1.1843  
Iteration: 1319; Percent complete: 33.0%; Average loss: 1.1115  
Iteration: 1320; Percent complete: 33.0%; Average loss: 1.0377  
Iteration: 1321; Percent complete: 33.0%; Average loss: 1.4002  
Iteration: 1322; Percent complete: 33.1%; Average loss: 1.2264  
Iteration: 1323; Percent complete: 33.1%; Average loss: 1.4041  
Iteration: 1324; Percent complete: 33.1%; Average loss: 1.1057  
Iteration: 1325; Percent complete: 33.1%; Average loss: 1.2519  
Iteration: 1326; Percent complete: 33.1%; Average loss: 1.1773  
Iteration: 1327; Percent complete: 33.2%; Average loss: 1.1676  
Iteration: 1328; Percent complete: 33.2%; Average loss: 1.3609  
Iteration: 1329; Percent complete: 33.2%; Average loss: 1.1482  
Iteration: 1330; Percent complete: 33.2%; Average loss: 1.3375  
Iteration: 1331; Percent complete: 33.3%; Average loss: 1.1256  
Iteration: 1332; Percent complete: 33.3%; Average loss: 1.1380  
Iteration: 1333; Percent complete: 33.3%; Average loss: 1.1406  
Iteration: 1334; Percent complete: 33.4%; Average loss: 1.1552  
Iteration: 1335; Percent complete: 33.4%; Average loss: 1.2872  
Iteration: 1336; Percent complete: 33.4%; Average loss: 1.1780  
Iteration: 1337; Percent complete: 33.4%; Average loss: 1.1174  
Iteration: 1338; Percent complete: 33.5%; Average loss: 1.0056  
Iteration: 1339; Percent complete: 33.5%; Average loss: 1.1055  
Iteration: 1340; Percent complete: 33.5%; Average loss: 1.0217  
Iteration: 1341; Percent complete: 33.5%; Average loss: 1.0976  
Iteration: 1342; Percent complete: 33.6%; Average loss: 1.1123  
Iteration: 1343; Percent complete: 33.6%; Average loss: 1.2499  
Iteration: 1344; Percent complete: 33.6%; Average loss: 1.0204  
Iteration: 1345; Percent complete: 33.6%; Average loss: 1.2351  
Iteration: 1346; Percent complete: 33.7%; Average loss: 1.2408  
Iteration: 1347; Percent complete: 33.7%; Average loss: 1.2498  
Iteration: 1348; Percent complete: 33.7%; Average loss: 1.1895  
Iteration: 1349; Percent complete: 33.7%; Average loss: 1.0254  
Iteration: 1350; Percent complete: 33.8%; Average loss: 1.1824  
Iteration: 1351; Percent complete: 33.8%; Average loss: 1.0663  
Iteration: 1352; Percent complete: 33.8%; Average loss: 1.2362  
Iteration: 1353; Percent complete: 33.8%; Average loss: 1.1076  
Iteration: 1354; Percent complete: 33.9%; Average loss: 0.9311  
Iteration: 1355; Percent complete: 33.9%; Average loss: 1.1552

Iteration: 1353; Percent complete: 33.9%; Average loss: 1.1733  
Iteration: 1356; Percent complete: 33.9%; Average loss: 1.1733  
Iteration: 1357; Percent complete: 33.9%; Average loss: 1.1879  
Iteration: 1358; Percent complete: 34.0%; Average loss: 1.2753  
Iteration: 1359; Percent complete: 34.0%; Average loss: 1.0563  
Iteration: 1360; Percent complete: 34.0%; Average loss: 1.1115  
Iteration: 1361; Percent complete: 34.0%; Average loss: 1.3363  
Iteration: 1362; Percent complete: 34.1%; Average loss: 1.2019  
Iteration: 1363; Percent complete: 34.1%; Average loss: 1.1903  
Iteration: 1364; Percent complete: 34.1%; Average loss: 1.0450  
Iteration: 1365; Percent complete: 34.1%; Average loss: 1.2165  
Iteration: 1366; Percent complete: 34.2%; Average loss: 1.0188  
Iteration: 1367; Percent complete: 34.2%; Average loss: 1.1424  
Iteration: 1368; Percent complete: 34.2%; Average loss: 1.2207  
Iteration: 1369; Percent complete: 34.2%; Average loss: 1.2113  
Iteration: 1370; Percent complete: 34.2%; Average loss: 1.0171  
Iteration: 1371; Percent complete: 34.3%; Average loss: 1.1587  
Iteration: 1372; Percent complete: 34.3%; Average loss: 1.1204  
Iteration: 1373; Percent complete: 34.3%; Average loss: 0.8583  
Iteration: 1374; Percent complete: 34.4%; Average loss: 1.0869  
Iteration: 1375; Percent complete: 34.4%; Average loss: 1.1405  
Iteration: 1376; Percent complete: 34.4%; Average loss: 1.1873  
Iteration: 1377; Percent complete: 34.4%; Average loss: 1.0733  
Iteration: 1378; Percent complete: 34.4%; Average loss: 1.2942  
Iteration: 1379; Percent complete: 34.5%; Average loss: 1.1481  
Iteration: 1380; Percent complete: 34.5%; Average loss: 0.9086  
Iteration: 1381; Percent complete: 34.5%; Average loss: 1.1451  
Iteration: 1382; Percent complete: 34.5%; Average loss: 1.2242  
Iteration: 1383; Percent complete: 34.6%; Average loss: 1.0476  
Iteration: 1384; Percent complete: 34.6%; Average loss: 1.3401  
Iteration: 1385; Percent complete: 34.6%; Average loss: 1.1850  
Iteration: 1386; Percent complete: 34.6%; Average loss: 1.0661  
Iteration: 1387; Percent complete: 34.7%; Average loss: 1.0148  
Iteration: 1388; Percent complete: 34.7%; Average loss: 1.0502  
Iteration: 1389; Percent complete: 34.7%; Average loss: 1.1855  
Iteration: 1390; Percent complete: 34.8%; Average loss: 1.1293  
Iteration: 1391; Percent complete: 34.8%; Average loss: 1.2999  
Iteration: 1392; Percent complete: 34.8%; Average loss: 1.1116  
Iteration: 1393; Percent complete: 34.8%; Average loss: 1.0889  
Iteration: 1394; Percent complete: 34.8%; Average loss: 1.2914  
Iteration: 1395; Percent complete: 34.9%; Average loss: 1.1428  
Iteration: 1396; Percent complete: 34.9%; Average loss: 1.2062  
Iteration: 1397; Percent complete: 34.9%; Average loss: 0.9920  
Iteration: 1398; Percent complete: 34.9%; Average loss: 1.2991  
Iteration: 1399; Percent complete: 35.0%; Average loss: 1.1526  
Iteration: 1400; Percent complete: 35.0%; Average loss: 1.0127  
Iteration: 1401; Percent complete: 35.0%; Average loss: 1.3542  
Iteration: 1402; Percent complete: 35.0%; Average loss: 1.0318  
Iteration: 1403; Percent complete: 35.1%; Average loss: 1.1002  
Iteration: 1404; Percent complete: 35.1%; Average loss: 1.1429  
Iteration: 1405; Percent complete: 35.1%; Average loss: 1.2175  
Iteration: 1406; Percent complete: 35.1%; Average loss: 1.2628  
Iteration: 1407; Percent complete: 35.2%; Average loss: 1.2223  
Iteration: 1408; Percent complete: 35.2%; Average loss: 1.0970  
Iteration: 1409; Percent complete: 35.2%; Average loss: 1.1416  
Iteration: 1410; Percent complete: 35.2%; Average loss: 1.0947  
Iteration: 1411; Percent complete: 35.3%; Average loss: 1.3057  
Iteration: 1412; Percent complete: 35.3%; Average loss: 1.3117  
Iteration: 1413; Percent complete: 35.3%; Average loss: 1.1653  
Iteration: 1414; Percent complete: 35.4%; Average loss: 1.0914  
Iteration: 1415; Percent complete: 35.4%; Average loss: 1.2449  
Iteration: 1416; Percent complete: 35.4%; Average loss: 1.1178  
Iteration: 1417; Percent complete: 35.4%; Average loss: 1.0883  
Iteration: 1418; Percent complete: 35.4%; Average loss: 0.9822  
Iteration: 1419; Percent complete: 35.5%; Average loss: 1.0498  
Iteration: 1420; Percent complete: 35.5%; Average loss: 1.2556  
Iteration: 1421; Percent complete: 35.5%; Average loss: 1.0063  
Iteration: 1422; Percent complete: 35.5%; Average loss: 1.2947  
Iteration: 1423; Percent complete: 35.6%; Average loss: 1.1045  
Iteration: 1424; Percent complete: 35.6%; Average loss: 1.0438  
Iteration: 1425; Percent complete: 35.6%; Average loss: 1.2776  
Iteration: 1426; Percent complete: 35.6%; Average loss: 1.2041  
Iteration: 1427; Percent complete: 35.7%; Average loss: 1.1198  
Iteration: 1428; Percent complete: 35.7%; Average loss: 1.0951  
Iteration: 1429; Percent complete: 35.7%; Average loss: 1.1444  
Iteration: 1430; Percent complete: 35.8%; Average loss: 1.1403  
Iteration: 1431; Percent complete: 35.8%; Average loss: 1.2373  
Iteration: 1432; Percent complete: 35.8%; Average loss: 1.1448  
Iteration: 1433; Percent complete: 35.8%; Average loss: 1.1662  
Iteration: 1434; Percent complete: 35.9%; Average loss: 1.1038  
Iteration: 1435; Percent complete: 35.9%; Average loss: 1.0428  
Iteration: 1436; Percent complete: 35.9%; Average loss: 1.2732  
Iteration: 1437; Percent complete: 35.9%; Average loss: 1.1200  
Iteration: 1438; Percent complete: 35.9%; Average loss: 1.0994  
Iteration: 1439; Percent complete: 36.0%; Average loss: 1.2528  
Iteration: 1440; Percent complete: 36.0%; Average loss: 1.1975  
Iteration: 1441; Percent complete: 36.0%; Average loss: 1.0441  
Iteration: 1442; Percent complete: 36.0%; Average loss: 0.9966  
Iteration: 1443; Percent complete: 36.1%; Average loss: 1.2798  
Iteration: 1444; Percent complete: 36.1%; Average loss: 0.8618  
Iteration: 1445; Percent complete: 36.1%; Average loss: 0.9768  
Iteration: 1446; Percent complete: 36.1%; Average loss: 1.1078

Iteration: 1447; Percent complete: 36.2%; Average loss: 1.3873  
Iteration: 1448; Percent complete: 36.2%; Average loss: 1.3296  
Iteration: 1449; Percent complete: 36.2%; Average loss: 1.1970  
Iteration: 1450; Percent complete: 36.2%; Average loss: 0.9560  
Iteration: 1451; Percent complete: 36.3%; Average loss: 1.1787  
Iteration: 1452; Percent complete: 36.3%; Average loss: 1.1466  
Iteration: 1453; Percent complete: 36.3%; Average loss: 0.9917  
Iteration: 1454; Percent complete: 36.4%; Average loss: 1.1286  
Iteration: 1455; Percent complete: 36.4%; Average loss: 1.1102  
Iteration: 1456; Percent complete: 36.4%; Average loss: 0.9515  
Iteration: 1457; Percent complete: 36.4%; Average loss: 1.1788  
Iteration: 1458; Percent complete: 36.4%; Average loss: 0.8758  
Iteration: 1459; Percent complete: 36.5%; Average loss: 1.1578  
Iteration: 1460; Percent complete: 36.5%; Average loss: 1.1341  
Iteration: 1461; Percent complete: 36.5%; Average loss: 1.0285  
Iteration: 1462; Percent complete: 36.5%; Average loss: 1.3284  
Iteration: 1463; Percent complete: 36.6%; Average loss: 1.2186  
Iteration: 1464; Percent complete: 36.6%; Average loss: 1.1947  
Iteration: 1465; Percent complete: 36.6%; Average loss: 1.2265  
Iteration: 1466; Percent complete: 36.6%; Average loss: 1.1629  
Iteration: 1467; Percent complete: 36.7%; Average loss: 1.0213  
Iteration: 1468; Percent complete: 36.7%; Average loss: 0.8465  
Iteration: 1469; Percent complete: 36.7%; Average loss: 0.9549  
Iteration: 1470; Percent complete: 36.8%; Average loss: 0.8860  
Iteration: 1471; Percent complete: 36.8%; Average loss: 1.0542  
Iteration: 1472; Percent complete: 36.8%; Average loss: 1.0620  
Iteration: 1473; Percent complete: 36.8%; Average loss: 1.2232  
Iteration: 1474; Percent complete: 36.9%; Average loss: 1.1964  
Iteration: 1475; Percent complete: 36.9%; Average loss: 1.1684  
Iteration: 1476; Percent complete: 36.9%; Average loss: 1.0193  
Iteration: 1477; Percent complete: 36.9%; Average loss: 1.0229  
Iteration: 1478; Percent complete: 37.0%; Average loss: 1.1902  
Iteration: 1479; Percent complete: 37.0%; Average loss: 1.1692  
Iteration: 1480; Percent complete: 37.0%; Average loss: 0.9728  
Iteration: 1481; Percent complete: 37.0%; Average loss: 1.2326  
Iteration: 1482; Percent complete: 37.0%; Average loss: 1.2267  
Iteration: 1483; Percent complete: 37.1%; Average loss: 1.0284  
Iteration: 1484; Percent complete: 37.1%; Average loss: 1.1898  
Iteration: 1485; Percent complete: 37.1%; Average loss: 1.2089  
Iteration: 1486; Percent complete: 37.1%; Average loss: 1.0567  
Iteration: 1487; Percent complete: 37.2%; Average loss: 1.1582  
Iteration: 1488; Percent complete: 37.2%; Average loss: 1.3950  
Iteration: 1489; Percent complete: 37.2%; Average loss: 1.1453  
Iteration: 1490; Percent complete: 37.2%; Average loss: 1.1976  
Iteration: 1491; Percent complete: 37.3%; Average loss: 1.3161  
Iteration: 1492; Percent complete: 37.3%; Average loss: 1.2846  
Iteration: 1493; Percent complete: 37.3%; Average loss: 0.9240  
Iteration: 1494; Percent complete: 37.4%; Average loss: 1.1720  
Iteration: 1495; Percent complete: 37.4%; Average loss: 1.2553  
Iteration: 1496; Percent complete: 37.4%; Average loss: 1.2736  
Iteration: 1497; Percent complete: 37.4%; Average loss: 1.3024  
Iteration: 1498; Percent complete: 37.5%; Average loss: 1.1415  
Iteration: 1499; Percent complete: 37.5%; Average loss: 1.1853  
Iteration: 1500; Percent complete: 37.5%; Average loss: 1.2948  
Iteration: 1501; Percent complete: 37.5%; Average loss: 1.3448  
Iteration: 1502; Percent complete: 37.5%; Average loss: 0.9863  
Iteration: 1503; Percent complete: 37.6%; Average loss: 1.0386  
Iteration: 1504; Percent complete: 37.6%; Average loss: 1.0821  
Iteration: 1505; Percent complete: 37.6%; Average loss: 1.1781  
Iteration: 1506; Percent complete: 37.6%; Average loss: 1.0824  
Iteration: 1507; Percent complete: 37.7%; Average loss: 0.9669  
Iteration: 1508; Percent complete: 37.7%; Average loss: 0.9663  
Iteration: 1509; Percent complete: 37.7%; Average loss: 1.2353  
Iteration: 1510; Percent complete: 37.8%; Average loss: 0.8266  
Iteration: 1511; Percent complete: 37.8%; Average loss: 1.3784  
Iteration: 1512; Percent complete: 37.8%; Average loss: 1.0048  
Iteration: 1513; Percent complete: 37.8%; Average loss: 1.0532  
Iteration: 1514; Percent complete: 37.9%; Average loss: 1.1674  
Iteration: 1515; Percent complete: 37.9%; Average loss: 1.2368  
Iteration: 1516; Percent complete: 37.9%; Average loss: 1.0687  
Iteration: 1517; Percent complete: 37.9%; Average loss: 1.1051  
Iteration: 1518; Percent complete: 38.0%; Average loss: 1.0332  
Iteration: 1519; Percent complete: 38.0%; Average loss: 0.9449  
Iteration: 1520; Percent complete: 38.0%; Average loss: 1.1222  
Iteration: 1521; Percent complete: 38.0%; Average loss: 1.2384  
Iteration: 1522; Percent complete: 38.0%; Average loss: 1.1957  
Iteration: 1523; Percent complete: 38.1%; Average loss: 0.9995  
Iteration: 1524; Percent complete: 38.1%; Average loss: 1.0711  
Iteration: 1525; Percent complete: 38.1%; Average loss: 1.2385  
Iteration: 1526; Percent complete: 38.1%; Average loss: 1.0426  
Iteration: 1527; Percent complete: 38.2%; Average loss: 1.2735  
Iteration: 1528; Percent complete: 38.2%; Average loss: 1.2144  
Iteration: 1529; Percent complete: 38.2%; Average loss: 1.1635  
Iteration: 1530; Percent complete: 38.2%; Average loss: 0.9936  
Iteration: 1531; Percent complete: 38.3%; Average loss: 0.8498  
Iteration: 1532; Percent complete: 38.3%; Average loss: 1.0609  
Iteration: 1533; Percent complete: 38.3%; Average loss: 1.2173  
Iteration: 1534; Percent complete: 38.4%; Average loss: 1.2366  
Iteration: 1535; Percent complete: 38.4%; Average loss: 1.1971  
Iteration: 1536; Percent complete: 38.4%; Average loss: 1.3771  
Iteration: 1537; Percent complete: 38.4%; Average loss: 0.9698

Iteration: 1538; Percent complete: 38.5%; Average loss: 1.0174  
Iteration: 1539; Percent complete: 38.5%; Average loss: 1.1200  
Iteration: 1540; Percent complete: 38.5%; Average loss: 1.1316  
Iteration: 1541; Percent complete: 38.5%; Average loss: 1.3749  
Iteration: 1542; Percent complete: 38.6%; Average loss: 1.1362  
Iteration: 1543; Percent complete: 38.6%; Average loss: 1.1884  
Iteration: 1544; Percent complete: 38.6%; Average loss: 1.0049  
Iteration: 1545; Percent complete: 38.6%; Average loss: 1.0440  
Iteration: 1546; Percent complete: 38.6%; Average loss: 1.0437  
Iteration: 1547; Percent complete: 38.7%; Average loss: 1.2350  
Iteration: 1548; Percent complete: 38.7%; Average loss: 1.2877  
Iteration: 1549; Percent complete: 38.7%; Average loss: 1.1926  
Iteration: 1550; Percent complete: 38.8%; Average loss: 1.3698  
Iteration: 1551; Percent complete: 38.8%; Average loss: 1.2883  
Iteration: 1552; Percent complete: 38.8%; Average loss: 1.2838  
Iteration: 1553; Percent complete: 38.8%; Average loss: 1.2298  
Iteration: 1554; Percent complete: 38.9%; Average loss: 1.1953  
Iteration: 1555; Percent complete: 38.9%; Average loss: 1.1569  
Iteration: 1556; Percent complete: 38.9%; Average loss: 1.0746  
Iteration: 1557; Percent complete: 38.9%; Average loss: 1.1933  
Iteration: 1558; Percent complete: 39.0%; Average loss: 0.9220  
Iteration: 1559; Percent complete: 39.0%; Average loss: 0.9607  
Iteration: 1560; Percent complete: 39.0%; Average loss: 1.0570  
Iteration: 1561; Percent complete: 39.0%; Average loss: 1.0455  
Iteration: 1562; Percent complete: 39.1%; Average loss: 1.3093  
Iteration: 1563; Percent complete: 39.1%; Average loss: 1.2651  
Iteration: 1564; Percent complete: 39.1%; Average loss: 1.2227  
Iteration: 1565; Percent complete: 39.1%; Average loss: 1.1425  
Iteration: 1566; Percent complete: 39.1%; Average loss: 1.1570  
Iteration: 1567; Percent complete: 39.2%; Average loss: 0.9984  
Iteration: 1568; Percent complete: 39.2%; Average loss: 1.2993  
Iteration: 1569; Percent complete: 39.2%; Average loss: 1.2927  
Iteration: 1570; Percent complete: 39.2%; Average loss: 1.0218  
Iteration: 1571; Percent complete: 39.3%; Average loss: 1.0446  
Iteration: 1572; Percent complete: 39.3%; Average loss: 1.3939  
Iteration: 1573; Percent complete: 39.3%; Average loss: 1.2751  
Iteration: 1574; Percent complete: 39.4%; Average loss: 1.3056  
Iteration: 1575; Percent complete: 39.4%; Average loss: 1.2321  
Iteration: 1576; Percent complete: 39.4%; Average loss: 1.2580  
Iteration: 1577; Percent complete: 39.4%; Average loss: 1.0998  
Iteration: 1578; Percent complete: 39.5%; Average loss: 0.9153  
Iteration: 1579; Percent complete: 39.5%; Average loss: 1.0111  
Iteration: 1580; Percent complete: 39.5%; Average loss: 1.1173  
Iteration: 1581; Percent complete: 39.5%; Average loss: 1.1038  
Iteration: 1582; Percent complete: 39.6%; Average loss: 1.1033  
Iteration: 1583; Percent complete: 39.6%; Average loss: 1.2013  
Iteration: 1584; Percent complete: 39.6%; Average loss: 0.9451  
Iteration: 1585; Percent complete: 39.6%; Average loss: 1.0193  
Iteration: 1586; Percent complete: 39.6%; Average loss: 1.0725  
Iteration: 1587; Percent complete: 39.7%; Average loss: 1.2771  
Iteration: 1588; Percent complete: 39.7%; Average loss: 1.0939  
Iteration: 1589; Percent complete: 39.7%; Average loss: 1.0793  
Iteration: 1590; Percent complete: 39.8%; Average loss: 1.1682  
Iteration: 1591; Percent complete: 39.8%; Average loss: 0.9298  
Iteration: 1592; Percent complete: 39.8%; Average loss: 1.3925  
Iteration: 1593; Percent complete: 39.8%; Average loss: 1.2939  
Iteration: 1594; Percent complete: 39.9%; Average loss: 1.1856  
Iteration: 1595; Percent complete: 39.9%; Average loss: 1.2528  
Iteration: 1596; Percent complete: 39.9%; Average loss: 1.0246  
Iteration: 1597; Percent complete: 39.9%; Average loss: 1.0877  
Iteration: 1598; Percent complete: 40.0%; Average loss: 1.0405  
Iteration: 1599; Percent complete: 40.0%; Average loss: 1.0272  
Iteration: 1600; Percent complete: 40.0%; Average loss: 1.0419  
Iteration: 1601; Percent complete: 40.0%; Average loss: 1.2044  
Iteration: 1602; Percent complete: 40.1%; Average loss: 1.0375  
Iteration: 1603; Percent complete: 40.1%; Average loss: 1.1389  
Iteration: 1604; Percent complete: 40.1%; Average loss: 1.0566  
Iteration: 1605; Percent complete: 40.1%; Average loss: 1.1225  
Iteration: 1606; Percent complete: 40.2%; Average loss: 1.1785  
Iteration: 1607; Percent complete: 40.2%; Average loss: 1.0547  
Iteration: 1608; Percent complete: 40.2%; Average loss: 1.2421  
Iteration: 1609; Percent complete: 40.2%; Average loss: 1.1459  
Iteration: 1610; Percent complete: 40.2%; Average loss: 1.1592  
Iteration: 1611; Percent complete: 40.3%; Average loss: 1.0582  
Iteration: 1612; Percent complete: 40.3%; Average loss: 1.1742  
Iteration: 1613; Percent complete: 40.3%; Average loss: 1.3707  
Iteration: 1614; Percent complete: 40.4%; Average loss: 1.2288  
Iteration: 1615; Percent complete: 40.4%; Average loss: 1.0576  
Iteration: 1616; Percent complete: 40.4%; Average loss: 1.2236  
Iteration: 1617; Percent complete: 40.4%; Average loss: 1.2382  
Iteration: 1618; Percent complete: 40.5%; Average loss: 1.2606  
Iteration: 1619; Percent complete: 40.5%; Average loss: 0.9416  
Iteration: 1620; Percent complete: 40.5%; Average loss: 1.2551  
Iteration: 1621; Percent complete: 40.5%; Average loss: 1.1308  
Iteration: 1622; Percent complete: 40.6%; Average loss: 1.0722  
Iteration: 1623; Percent complete: 40.6%; Average loss: 1.0364  
Iteration: 1624; Percent complete: 40.6%; Average loss: 1.3466  
Iteration: 1625; Percent complete: 40.6%; Average loss: 0.9536  
Iteration: 1626; Percent complete: 40.6%; Average loss: 0.9406  
Iteration: 1627; Percent complete: 40.7%; Average loss: 1.1002  
Iteration: 1628; Percent complete: 40.7%; Average loss: 1.1485  
Iteration: 1629; Percent complete: 40.7%; Average loss: 1.2347

Iteration: 1629; Percent complete: 40.7%; Average loss: 1.2847  
Iteration: 1630; Percent complete: 40.8%; Average loss: 1.0271  
Iteration: 1631; Percent complete: 40.8%; Average loss: 1.1392  
Iteration: 1632; Percent complete: 40.8%; Average loss: 1.1542  
Iteration: 1633; Percent complete: 40.8%; Average loss: 1.0499  
Iteration: 1634; Percent complete: 40.8%; Average loss: 1.0264  
Iteration: 1635; Percent complete: 40.9%; Average loss: 0.9689  
Iteration: 1636; Percent complete: 40.9%; Average loss: 0.9072  
Iteration: 1637; Percent complete: 40.9%; Average loss: 1.2423  
Iteration: 1638; Percent complete: 40.9%; Average loss: 1.3304  
Iteration: 1639; Percent complete: 41.0%; Average loss: 1.2407  
Iteration: 1640; Percent complete: 41.0%; Average loss: 1.1717  
Iteration: 1641; Percent complete: 41.0%; Average loss: 1.0639  
Iteration: 1642; Percent complete: 41.0%; Average loss: 1.3526  
Iteration: 1643; Percent complete: 41.1%; Average loss: 1.1193  
Iteration: 1644; Percent complete: 41.1%; Average loss: 1.1486  
Iteration: 1645; Percent complete: 41.1%; Average loss: 1.2135  
Iteration: 1646; Percent complete: 41.1%; Average loss: 1.0940  
Iteration: 1647; Percent complete: 41.2%; Average loss: 1.0333  
Iteration: 1648; Percent complete: 41.2%; Average loss: 0.9474  
Iteration: 1649; Percent complete: 41.2%; Average loss: 1.1386  
Iteration: 1650; Percent complete: 41.2%; Average loss: 1.1347  
Iteration: 1651; Percent complete: 41.3%; Average loss: 1.3211  
Iteration: 1652; Percent complete: 41.3%; Average loss: 1.1567  
Iteration: 1653; Percent complete: 41.3%; Average loss: 0.9224  
Iteration: 1654; Percent complete: 41.3%; Average loss: 1.1285  
Iteration: 1655; Percent complete: 41.4%; Average loss: 1.1467  
Iteration: 1656; Percent complete: 41.4%; Average loss: 1.1422  
Iteration: 1657; Percent complete: 41.4%; Average loss: 1.3298  
Iteration: 1658; Percent complete: 41.4%; Average loss: 1.2461  
Iteration: 1659; Percent complete: 41.5%; Average loss: 1.1683  
Iteration: 1660; Percent complete: 41.5%; Average loss: 1.0394  
Iteration: 1661; Percent complete: 41.5%; Average loss: 1.1646  
Iteration: 1662; Percent complete: 41.5%; Average loss: 1.0601  
Iteration: 1663; Percent complete: 41.6%; Average loss: 0.9864  
Iteration: 1664; Percent complete: 41.6%; Average loss: 1.3306  
Iteration: 1665; Percent complete: 41.6%; Average loss: 1.1922  
Iteration: 1666; Percent complete: 41.6%; Average loss: 1.2742  
Iteration: 1667; Percent complete: 41.7%; Average loss: 1.0851  
Iteration: 1668; Percent complete: 41.7%; Average loss: 1.2990  
Iteration: 1669; Percent complete: 41.7%; Average loss: 1.2877  
Iteration: 1670; Percent complete: 41.8%; Average loss: 1.1865  
Iteration: 1671; Percent complete: 41.8%; Average loss: 1.0838  
Iteration: 1672; Percent complete: 41.8%; Average loss: 1.0262  
Iteration: 1673; Percent complete: 41.8%; Average loss: 1.2120  
Iteration: 1674; Percent complete: 41.9%; Average loss: 1.0982  
Iteration: 1675; Percent complete: 41.9%; Average loss: 0.9659  
Iteration: 1676; Percent complete: 41.9%; Average loss: 1.2149  
Iteration: 1677; Percent complete: 41.9%; Average loss: 1.0589  
Iteration: 1678; Percent complete: 41.9%; Average loss: 1.1705  
Iteration: 1679; Percent complete: 42.0%; Average loss: 1.1256  
Iteration: 1680; Percent complete: 42.0%; Average loss: 0.8751  
Iteration: 1681; Percent complete: 42.0%; Average loss: 1.1725  
Iteration: 1682; Percent complete: 42.0%; Average loss: 1.1900  
Iteration: 1683; Percent complete: 42.1%; Average loss: 0.9872  
Iteration: 1684; Percent complete: 42.1%; Average loss: 1.2366  
Iteration: 1685; Percent complete: 42.1%; Average loss: 1.0064  
Iteration: 1686; Percent complete: 42.1%; Average loss: 1.1481  
Iteration: 1687; Percent complete: 42.2%; Average loss: 1.2263  
Iteration: 1688; Percent complete: 42.2%; Average loss: 1.0904  
Iteration: 1689; Percent complete: 42.2%; Average loss: 1.0964  
Iteration: 1690; Percent complete: 42.2%; Average loss: 1.3190  
Iteration: 1691; Percent complete: 42.3%; Average loss: 1.3835  
Iteration: 1692; Percent complete: 42.3%; Average loss: 1.2026  
Iteration: 1693; Percent complete: 42.3%; Average loss: 1.2175  
Iteration: 1694; Percent complete: 42.4%; Average loss: 1.1668  
Iteration: 1695; Percent complete: 42.4%; Average loss: 1.0735  
Iteration: 1696; Percent complete: 42.4%; Average loss: 1.1306  
Iteration: 1697; Percent complete: 42.4%; Average loss: 0.9498  
Iteration: 1698; Percent complete: 42.4%; Average loss: 0.8397  
Iteration: 1699; Percent complete: 42.5%; Average loss: 1.1607  
Iteration: 1700; Percent complete: 42.5%; Average loss: 1.0820  
Iteration: 1701; Percent complete: 42.5%; Average loss: 1.1392  
Iteration: 1702; Percent complete: 42.5%; Average loss: 1.2381  
Iteration: 1703; Percent complete: 42.6%; Average loss: 1.1131  
Iteration: 1704; Percent complete: 42.6%; Average loss: 1.3365  
Iteration: 1705; Percent complete: 42.6%; Average loss: 1.0458  
Iteration: 1706; Percent complete: 42.6%; Average loss: 1.3849  
Iteration: 1707; Percent complete: 42.7%; Average loss: 1.0751  
Iteration: 1708; Percent complete: 42.7%; Average loss: 1.0428  
Iteration: 1709; Percent complete: 42.7%; Average loss: 1.1135  
Iteration: 1710; Percent complete: 42.8%; Average loss: 0.9697  
Iteration: 1711; Percent complete: 42.8%; Average loss: 1.0841  
Iteration: 1712; Percent complete: 42.8%; Average loss: 0.9983  
Iteration: 1713; Percent complete: 42.8%; Average loss: 1.2447  
Iteration: 1714; Percent complete: 42.9%; Average loss: 1.0944  
Iteration: 1715; Percent complete: 42.9%; Average loss: 1.0985  
Iteration: 1716; Percent complete: 42.9%; Average loss: 0.9711  
Iteration: 1717; Percent complete: 42.9%; Average loss: 1.2740  
Iteration: 1718; Percent complete: 43.0%; Average loss: 0.9671  
Iteration: 1719; Percent complete: 43.0%; Average loss: 0.9886  
Iteration: 1720; Percent complete: 43.0%; Average loss: 1.0892



Iteration: 1720; Percent complete: 43.0%; Average loss: 1.0094  
Iteration: 1721; Percent complete: 43.0%; Average loss: 1.0094  
Iteration: 1722; Percent complete: 43.0%; Average loss: 1.2696  
Iteration: 1723; Percent complete: 43.1%; Average loss: 1.0857  
Iteration: 1724; Percent complete: 43.1%; Average loss: 1.2173  
Iteration: 1725; Percent complete: 43.1%; Average loss: 1.3795  
Iteration: 1726; Percent complete: 43.1%; Average loss: 1.4141  
Iteration: 1727; Percent complete: 43.2%; Average loss: 1.1834  
Iteration: 1728; Percent complete: 43.2%; Average loss: 1.1739  
Iteration: 1729; Percent complete: 43.2%; Average loss: 0.9453  
Iteration: 1730; Percent complete: 43.2%; Average loss: 1.1727  
Iteration: 1731; Percent complete: 43.3%; Average loss: 1.1703  
Iteration: 1732; Percent complete: 43.3%; Average loss: 1.0619  
Iteration: 1733; Percent complete: 43.3%; Average loss: 0.9432  
Iteration: 1734; Percent complete: 43.4%; Average loss: 1.1188  
Iteration: 1735; Percent complete: 43.4%; Average loss: 1.1323  
Iteration: 1736; Percent complete: 43.4%; Average loss: 1.4903  
Iteration: 1737; Percent complete: 43.4%; Average loss: 1.1212  
Iteration: 1738; Percent complete: 43.5%; Average loss: 1.0831  
Iteration: 1739; Percent complete: 43.5%; Average loss: 1.0551  
Iteration: 1740; Percent complete: 43.5%; Average loss: 1.2141  
Iteration: 1741; Percent complete: 43.5%; Average loss: 1.2161  
Iteration: 1742; Percent complete: 43.5%; Average loss: 1.2014  
Iteration: 1743; Percent complete: 43.6%; Average loss: 1.2373  
Iteration: 1744; Percent complete: 43.6%; Average loss: 1.2382  
Iteration: 1745; Percent complete: 43.6%; Average loss: 0.9783  
Iteration: 1746; Percent complete: 43.6%; Average loss: 1.2056  
Iteration: 1747; Percent complete: 43.7%; Average loss: 1.1824  
Iteration: 1748; Percent complete: 43.7%; Average loss: 1.2535  
Iteration: 1749; Percent complete: 43.7%; Average loss: 1.0702  
Iteration: 1750; Percent complete: 43.8%; Average loss: 1.1264  
Iteration: 1751; Percent complete: 43.8%; Average loss: 1.2153  
Iteration: 1752; Percent complete: 43.8%; Average loss: 1.2356  
Iteration: 1753; Percent complete: 43.8%; Average loss: 1.0731  
Iteration: 1754; Percent complete: 43.9%; Average loss: 1.2132  
Iteration: 1755; Percent complete: 43.9%; Average loss: 1.1275  
Iteration: 1756; Percent complete: 43.9%; Average loss: 1.2044  
Iteration: 1757; Percent complete: 43.9%; Average loss: 1.1946  
Iteration: 1758; Percent complete: 44.0%; Average loss: 1.0622  
Iteration: 1759; Percent complete: 44.0%; Average loss: 1.0672  
Iteration: 1760; Percent complete: 44.0%; Average loss: 1.2059  
Iteration: 1761; Percent complete: 44.0%; Average loss: 1.1154  
Iteration: 1762; Percent complete: 44.0%; Average loss: 1.1075  
Iteration: 1763; Percent complete: 44.1%; Average loss: 1.0570  
Iteration: 1764; Percent complete: 44.1%; Average loss: 1.0948  
Iteration: 1765; Percent complete: 44.1%; Average loss: 1.1712  
Iteration: 1766; Percent complete: 44.1%; Average loss: 1.3096  
Iteration: 1767; Percent complete: 44.2%; Average loss: 1.4435  
Iteration: 1768; Percent complete: 44.2%; Average loss: 1.3185  
Iteration: 1769; Percent complete: 44.2%; Average loss: 1.2064  
Iteration: 1770; Percent complete: 44.2%; Average loss: 1.0841  
Iteration: 1771; Percent complete: 44.3%; Average loss: 1.1661  
Iteration: 1772; Percent complete: 44.3%; Average loss: 1.1102  
Iteration: 1773; Percent complete: 44.3%; Average loss: 1.2115  
Iteration: 1774; Percent complete: 44.4%; Average loss: 1.3058  
Iteration: 1775; Percent complete: 44.4%; Average loss: 1.1730  
Iteration: 1776; Percent complete: 44.4%; Average loss: 0.8951  
Iteration: 1777; Percent complete: 44.4%; Average loss: 0.9374  
Iteration: 1778; Percent complete: 44.5%; Average loss: 1.3023  
Iteration: 1779; Percent complete: 44.5%; Average loss: 1.0977  
Iteration: 1780; Percent complete: 44.5%; Average loss: 1.4109  
Iteration: 1781; Percent complete: 44.5%; Average loss: 1.5219  
Iteration: 1782; Percent complete: 44.5%; Average loss: 1.2550  
Iteration: 1783; Percent complete: 44.6%; Average loss: 0.8716  
Iteration: 1784; Percent complete: 44.6%; Average loss: 1.3776  
Iteration: 1785; Percent complete: 44.6%; Average loss: 1.3986  
Iteration: 1786; Percent complete: 44.6%; Average loss: 1.1890  
Iteration: 1787; Percent complete: 44.7%; Average loss: 1.2062  
Iteration: 1788; Percent complete: 44.7%; Average loss: 1.2110  
Iteration: 1789; Percent complete: 44.7%; Average loss: 1.3719  
Iteration: 1790; Percent complete: 44.8%; Average loss: 1.1456  
Iteration: 1791; Percent complete: 44.8%; Average loss: 1.1396  
Iteration: 1792; Percent complete: 44.8%; Average loss: 1.1991  
Iteration: 1793; Percent complete: 44.8%; Average loss: 1.1277  
Iteration: 1794; Percent complete: 44.9%; Average loss: 1.2258  
Iteration: 1795; Percent complete: 44.9%; Average loss: 1.0138  
Iteration: 1796; Percent complete: 44.9%; Average loss: 1.0449  
Iteration: 1797; Percent complete: 44.9%; Average loss: 1.1130  
Iteration: 1798; Percent complete: 45.0%; Average loss: 1.2238  
Iteration: 1799; Percent complete: 45.0%; Average loss: 1.1116  
Iteration: 1800; Percent complete: 45.0%; Average loss: 1.1421  
Iteration: 1801; Percent complete: 45.0%; Average loss: 1.0381  
Iteration: 1802; Percent complete: 45.1%; Average loss: 0.9659  
Iteration: 1803; Percent complete: 45.1%; Average loss: 1.3221  
Iteration: 1804; Percent complete: 45.1%; Average loss: 0.8440  
Iteration: 1805; Percent complete: 45.1%; Average loss: 1.1835  
Iteration: 1806; Percent complete: 45.1%; Average loss: 1.1518  
Iteration: 1807; Percent complete: 45.2%; Average loss: 1.2340  
Iteration: 1808; Percent complete: 45.2%; Average loss: 1.3741  
Iteration: 1809; Percent complete: 45.2%; Average loss: 1.0085  
Iteration: 1810; Percent complete: 45.2%; Average loss: 1.0833  
Iteration: 1811; Percent complete: 45.3%; Average loss: 0.9569

Iteration: 1812; Percent complete: 45.3%; Average loss: 1.2757  
Iteration: 1813; Percent complete: 45.3%; Average loss: 1.1167  
Iteration: 1814; Percent complete: 45.4%; Average loss: 1.0864  
Iteration: 1815; Percent complete: 45.4%; Average loss: 1.1840  
Iteration: 1816; Percent complete: 45.4%; Average loss: 1.1136  
Iteration: 1817; Percent complete: 45.4%; Average loss: 1.2889  
Iteration: 1818; Percent complete: 45.5%; Average loss: 1.1816  
Iteration: 1819; Percent complete: 45.5%; Average loss: 1.1744  
Iteration: 1820; Percent complete: 45.5%; Average loss: 1.2729  
Iteration: 1821; Percent complete: 45.5%; Average loss: 1.2491  
Iteration: 1822; Percent complete: 45.6%; Average loss: 1.0381  
Iteration: 1823; Percent complete: 45.6%; Average loss: 0.9500  
Iteration: 1824; Percent complete: 45.6%; Average loss: 0.9848  
Iteration: 1825; Percent complete: 45.6%; Average loss: 0.9217  
Iteration: 1826; Percent complete: 45.6%; Average loss: 1.1352  
Iteration: 1827; Percent complete: 45.7%; Average loss: 1.1037  
Iteration: 1828; Percent complete: 45.7%; Average loss: 1.0438  
Iteration: 1829; Percent complete: 45.7%; Average loss: 1.0144  
Iteration: 1830; Percent complete: 45.8%; Average loss: 1.2049  
Iteration: 1831; Percent complete: 45.8%; Average loss: 0.9756  
Iteration: 1832; Percent complete: 45.8%; Average loss: 0.9933  
Iteration: 1833; Percent complete: 45.8%; Average loss: 1.2107  
Iteration: 1834; Percent complete: 45.9%; Average loss: 1.1181  
Iteration: 1835; Percent complete: 45.9%; Average loss: 1.3435  
Iteration: 1836; Percent complete: 45.9%; Average loss: 1.1868  
Iteration: 1837; Percent complete: 45.9%; Average loss: 1.2831  
Iteration: 1838; Percent complete: 46.0%; Average loss: 1.1072  
Iteration: 1839; Percent complete: 46.0%; Average loss: 1.0730  
Iteration: 1840; Percent complete: 46.0%; Average loss: 1.0845  
Iteration: 1841; Percent complete: 46.0%; Average loss: 1.0082  
Iteration: 1842; Percent complete: 46.1%; Average loss: 1.0538  
Iteration: 1843; Percent complete: 46.1%; Average loss: 1.0138  
Iteration: 1844; Percent complete: 46.1%; Average loss: 1.1490  
Iteration: 1845; Percent complete: 46.1%; Average loss: 1.1713  
Iteration: 1846; Percent complete: 46.2%; Average loss: 1.2462  
Iteration: 1847; Percent complete: 46.2%; Average loss: 1.2978  
Iteration: 1848; Percent complete: 46.2%; Average loss: 1.2228  
Iteration: 1849; Percent complete: 46.2%; Average loss: 1.2679  
Iteration: 1850; Percent complete: 46.2%; Average loss: 0.9782  
Iteration: 1851; Percent complete: 46.3%; Average loss: 0.8656  
Iteration: 1852; Percent complete: 46.3%; Average loss: 1.2047  
Iteration: 1853; Percent complete: 46.3%; Average loss: 1.1508  
Iteration: 1854; Percent complete: 46.4%; Average loss: 1.3117  
Iteration: 1855; Percent complete: 46.4%; Average loss: 0.9689  
Iteration: 1856; Percent complete: 46.4%; Average loss: 1.1687  
Iteration: 1857; Percent complete: 46.4%; Average loss: 1.1707  
Iteration: 1858; Percent complete: 46.5%; Average loss: 1.3333  
Iteration: 1859; Percent complete: 46.5%; Average loss: 1.0654  
Iteration: 1860; Percent complete: 46.5%; Average loss: 0.9429  
Iteration: 1861; Percent complete: 46.5%; Average loss: 1.0930  
Iteration: 1862; Percent complete: 46.6%; Average loss: 0.9988  
Iteration: 1863; Percent complete: 46.6%; Average loss: 1.0678  
Iteration: 1864; Percent complete: 46.6%; Average loss: 1.1756  
Iteration: 1865; Percent complete: 46.6%; Average loss: 1.0993  
Iteration: 1866; Percent complete: 46.7%; Average loss: 1.0506  
Iteration: 1867; Percent complete: 46.7%; Average loss: 1.1660  
Iteration: 1868; Percent complete: 46.7%; Average loss: 1.0485  
Iteration: 1869; Percent complete: 46.7%; Average loss: 1.2175  
Iteration: 1870; Percent complete: 46.8%; Average loss: 0.9584  
Iteration: 1871; Percent complete: 46.8%; Average loss: 1.0925  
Iteration: 1872; Percent complete: 46.8%; Average loss: 1.2025  
Iteration: 1873; Percent complete: 46.8%; Average loss: 1.1836  
Iteration: 1874; Percent complete: 46.9%; Average loss: 1.3383  
Iteration: 1875; Percent complete: 46.9%; Average loss: 1.0655  
Iteration: 1876; Percent complete: 46.9%; Average loss: 1.2217  
Iteration: 1877; Percent complete: 46.9%; Average loss: 1.0645  
Iteration: 1878; Percent complete: 46.9%; Average loss: 1.2404  
Iteration: 1879; Percent complete: 47.0%; Average loss: 0.9693  
Iteration: 1880; Percent complete: 47.0%; Average loss: 1.1476  
Iteration: 1881; Percent complete: 47.0%; Average loss: 1.2906  
Iteration: 1882; Percent complete: 47.0%; Average loss: 1.1649  
Iteration: 1883; Percent complete: 47.1%; Average loss: 1.1643  
Iteration: 1884; Percent complete: 47.1%; Average loss: 0.9562  
Iteration: 1885; Percent complete: 47.1%; Average loss: 1.1160  
Iteration: 1886; Percent complete: 47.1%; Average loss: 1.1972  
Iteration: 1887; Percent complete: 47.2%; Average loss: 1.3436  
Iteration: 1888; Percent complete: 47.2%; Average loss: 1.1981  
Iteration: 1889; Percent complete: 47.2%; Average loss: 1.1492  
Iteration: 1890; Percent complete: 47.2%; Average loss: 1.0352  
Iteration: 1891; Percent complete: 47.3%; Average loss: 1.4891  
Iteration: 1892; Percent complete: 47.3%; Average loss: 1.1520  
Iteration: 1893; Percent complete: 47.3%; Average loss: 1.0949  
Iteration: 1894; Percent complete: 47.3%; Average loss: 1.3036  
Iteration: 1895; Percent complete: 47.4%; Average loss: 1.1576  
Iteration: 1896; Percent complete: 47.4%; Average loss: 1.1868  
Iteration: 1897; Percent complete: 47.4%; Average loss: 1.3491  
Iteration: 1898; Percent complete: 47.4%; Average loss: 1.2445  
Iteration: 1899; Percent complete: 47.5%; Average loss: 1.1844  
Iteration: 1900; Percent complete: 47.5%; Average loss: 1.1489  
Iteration: 1901; Percent complete: 47.5%; Average loss: 1.0972  
Iteration: 1902; Percent complete: 47.5%; Average loss: 1.0822

Iteration: 1903; Percent complete: 47.6%; Average loss: 1.0717  
Iteration: 1904; Percent complete: 47.6%; Average loss: 1.1573  
Iteration: 1905; Percent complete: 47.6%; Average loss: 1.2233  
Iteration: 1906; Percent complete: 47.6%; Average loss: 1.1792  
Iteration: 1907; Percent complete: 47.7%; Average loss: 1.0243  
Iteration: 1908; Percent complete: 47.7%; Average loss: 1.3078  
Iteration: 1909; Percent complete: 47.7%; Average loss: 0.9199  
Iteration: 1910; Percent complete: 47.8%; Average loss: 1.2246  
Iteration: 1911; Percent complete: 47.8%; Average loss: 0.9684  
Iteration: 1912; Percent complete: 47.8%; Average loss: 1.2052  
Iteration: 1913; Percent complete: 47.8%; Average loss: 1.1657  
Iteration: 1914; Percent complete: 47.9%; Average loss: 1.0550  
Iteration: 1915; Percent complete: 47.9%; Average loss: 1.0376  
Iteration: 1916; Percent complete: 47.9%; Average loss: 1.1896  
Iteration: 1917; Percent complete: 47.9%; Average loss: 1.2719  
Iteration: 1918; Percent complete: 47.9%; Average loss: 1.1028  
Iteration: 1919; Percent complete: 48.0%; Average loss: 1.3331  
Iteration: 1920; Percent complete: 48.0%; Average loss: 1.2605  
Iteration: 1921; Percent complete: 48.0%; Average loss: 1.2374  
Iteration: 1922; Percent complete: 48.0%; Average loss: 1.0850  
Iteration: 1923; Percent complete: 48.1%; Average loss: 1.2114  
Iteration: 1924; Percent complete: 48.1%; Average loss: 1.1186  
Iteration: 1925; Percent complete: 48.1%; Average loss: 1.0584  
Iteration: 1926; Percent complete: 48.1%; Average loss: 0.9246  
Iteration: 1927; Percent complete: 48.2%; Average loss: 1.0022  
Iteration: 1928; Percent complete: 48.2%; Average loss: 1.0303  
Iteration: 1929; Percent complete: 48.2%; Average loss: 0.9272  
Iteration: 1930; Percent complete: 48.2%; Average loss: 1.0567  
Iteration: 1931; Percent complete: 48.3%; Average loss: 1.0841  
Iteration: 1932; Percent complete: 48.3%; Average loss: 1.2905  
Iteration: 1933; Percent complete: 48.3%; Average loss: 1.0831  
Iteration: 1934; Percent complete: 48.4%; Average loss: 1.2956  
Iteration: 1935; Percent complete: 48.4%; Average loss: 1.2565  
Iteration: 1936; Percent complete: 48.4%; Average loss: 0.9792  
Iteration: 1937; Percent complete: 48.4%; Average loss: 1.1977  
Iteration: 1938; Percent complete: 48.4%; Average loss: 1.2270  
Iteration: 1939; Percent complete: 48.5%; Average loss: 0.9996  
Iteration: 1940; Percent complete: 48.5%; Average loss: 1.1650  
Iteration: 1941; Percent complete: 48.5%; Average loss: 1.1642  
Iteration: 1942; Percent complete: 48.5%; Average loss: 0.9266  
Iteration: 1943; Percent complete: 48.6%; Average loss: 1.2059  
Iteration: 1944; Percent complete: 48.6%; Average loss: 1.0286  
Iteration: 1945; Percent complete: 48.6%; Average loss: 1.2747  
Iteration: 1946; Percent complete: 48.6%; Average loss: 1.1295  
Iteration: 1947; Percent complete: 48.7%; Average loss: 1.3033  
Iteration: 1948; Percent complete: 48.7%; Average loss: 1.1149  
Iteration: 1949; Percent complete: 48.7%; Average loss: 1.0407  
Iteration: 1950; Percent complete: 48.8%; Average loss: 1.0978  
Iteration: 1951; Percent complete: 48.8%; Average loss: 1.1956  
Iteration: 1952; Percent complete: 48.8%; Average loss: 1.2113  
Iteration: 1953; Percent complete: 48.8%; Average loss: 1.0036  
Iteration: 1954; Percent complete: 48.9%; Average loss: 1.1964  
Iteration: 1955; Percent complete: 48.9%; Average loss: 1.1789  
Iteration: 1956; Percent complete: 48.9%; Average loss: 1.1812  
Iteration: 1957; Percent complete: 48.9%; Average loss: 0.9085  
Iteration: 1958; Percent complete: 48.9%; Average loss: 1.0731  
Iteration: 1959; Percent complete: 49.0%; Average loss: 0.9878  
Iteration: 1960; Percent complete: 49.0%; Average loss: 1.2632  
Iteration: 1961; Percent complete: 49.0%; Average loss: 1.1145  
Iteration: 1962; Percent complete: 49.0%; Average loss: 1.1179  
Iteration: 1963; Percent complete: 49.1%; Average loss: 1.2772  
Iteration: 1964; Percent complete: 49.1%; Average loss: 1.2320  
Iteration: 1965; Percent complete: 49.1%; Average loss: 0.9955  
Iteration: 1966; Percent complete: 49.1%; Average loss: 1.1296  
Iteration: 1967; Percent complete: 49.2%; Average loss: 1.0994  
Iteration: 1968; Percent complete: 49.2%; Average loss: 1.0003  
Iteration: 1969; Percent complete: 49.2%; Average loss: 1.2681  
Iteration: 1970; Percent complete: 49.2%; Average loss: 1.1906  
Iteration: 1971; Percent complete: 49.3%; Average loss: 1.1076  
Iteration: 1972; Percent complete: 49.3%; Average loss: 1.2509  
Iteration: 1973; Percent complete: 49.3%; Average loss: 1.2329  
Iteration: 1974; Percent complete: 49.4%; Average loss: 1.2496  
Iteration: 1975; Percent complete: 49.4%; Average loss: 1.1224  
Iteration: 1976; Percent complete: 49.4%; Average loss: 1.3245  
Iteration: 1977; Percent complete: 49.4%; Average loss: 1.0805  
Iteration: 1978; Percent complete: 49.5%; Average loss: 0.9939  
Iteration: 1979; Percent complete: 49.5%; Average loss: 1.1023  
Iteration: 1980; Percent complete: 49.5%; Average loss: 1.0500  
Iteration: 1981; Percent complete: 49.5%; Average loss: 1.2977  
Iteration: 1982; Percent complete: 49.5%; Average loss: 1.2182  
Iteration: 1983; Percent complete: 49.6%; Average loss: 1.0317  
Iteration: 1984; Percent complete: 49.6%; Average loss: 1.2603  
Iteration: 1985; Percent complete: 49.6%; Average loss: 1.1625  
Iteration: 1986; Percent complete: 49.6%; Average loss: 1.3314  
Iteration: 1987; Percent complete: 49.7%; Average loss: 1.0282  
Iteration: 1988; Percent complete: 49.7%; Average loss: 1.2476  
Iteration: 1989; Percent complete: 49.7%; Average loss: 1.1851  
Iteration: 1990; Percent complete: 49.8%; Average loss: 1.3151  
Iteration: 1991; Percent complete: 49.8%; Average loss: 1.1950  
Iteration: 1992; Percent complete: 49.8%; Average loss: 1.2412  
Iteration: 1993; Percent complete: 49.8%; Average loss: 1.1638  
Iteration: 1994; Percent complete: 49.8%; Average loss: 1.0533

Iteration: 1994; Percent complete: 49.9%; Average loss: 1.0577  
Iteration: 1995; Percent complete: 49.9%; Average loss: 1.3762  
Iteration: 1996; Percent complete: 49.9%; Average loss: 0.9958  
Iteration: 1997; Percent complete: 49.9%; Average loss: 1.2959  
Iteration: 1998; Percent complete: 50.0%; Average loss: 1.1545  
Iteration: 1999; Percent complete: 50.0%; Average loss: 1.3136  
Iteration: 2000; Percent complete: 50.0%; Average loss: 1.3249  
Iteration: 2001; Percent complete: 50.0%; Average loss: 1.2786  
Iteration: 2002; Percent complete: 50.0%; Average loss: 1.0022  
Iteration: 2003; Percent complete: 50.1%; Average loss: 1.0528  
Iteration: 2004; Percent complete: 50.1%; Average loss: 1.1425  
Iteration: 2005; Percent complete: 50.1%; Average loss: 1.1684  
Iteration: 2006; Percent complete: 50.1%; Average loss: 1.1425  
Iteration: 2007; Percent complete: 50.2%; Average loss: 1.5034  
Iteration: 2008; Percent complete: 50.2%; Average loss: 1.2545  
Iteration: 2009; Percent complete: 50.2%; Average loss: 1.3601  
Iteration: 2010; Percent complete: 50.2%; Average loss: 1.1643  
Iteration: 2011; Percent complete: 50.3%; Average loss: 1.3883  
Iteration: 2012; Percent complete: 50.3%; Average loss: 1.2129  
Iteration: 2013; Percent complete: 50.3%; Average loss: 1.0710  
Iteration: 2014; Percent complete: 50.3%; Average loss: 1.2800  
Iteration: 2015; Percent complete: 50.4%; Average loss: 1.1267  
Iteration: 2016; Percent complete: 50.4%; Average loss: 1.1028  
Iteration: 2017; Percent complete: 50.4%; Average loss: 1.1402  
Iteration: 2018; Percent complete: 50.4%; Average loss: 1.0680  
Iteration: 2019; Percent complete: 50.5%; Average loss: 1.3237  
Iteration: 2020; Percent complete: 50.5%; Average loss: 1.1654  
Iteration: 2021; Percent complete: 50.5%; Average loss: 0.9693  
Iteration: 2022; Percent complete: 50.5%; Average loss: 1.1196  
Iteration: 2023; Percent complete: 50.6%; Average loss: 1.1193  
Iteration: 2024; Percent complete: 50.6%; Average loss: 0.9660  
Iteration: 2025; Percent complete: 50.6%; Average loss: 1.1741  
Iteration: 2026; Percent complete: 50.6%; Average loss: 1.1857  
Iteration: 2027; Percent complete: 50.7%; Average loss: 1.0409  
Iteration: 2028; Percent complete: 50.7%; Average loss: 1.2708  
Iteration: 2029; Percent complete: 50.7%; Average loss: 1.1733  
Iteration: 2030; Percent complete: 50.7%; Average loss: 1.0518  
Iteration: 2031; Percent complete: 50.8%; Average loss: 0.9680  
Iteration: 2032; Percent complete: 50.8%; Average loss: 1.0309  
Iteration: 2033; Percent complete: 50.8%; Average loss: 1.2653  
Iteration: 2034; Percent complete: 50.8%; Average loss: 1.0170  
Iteration: 2035; Percent complete: 50.9%; Average loss: 1.1416  
Iteration: 2036; Percent complete: 50.9%; Average loss: 1.0761  
Iteration: 2037; Percent complete: 50.9%; Average loss: 1.1665  
Iteration: 2038; Percent complete: 50.9%; Average loss: 1.2088  
Iteration: 2039; Percent complete: 51.0%; Average loss: 1.1194  
Iteration: 2040; Percent complete: 51.0%; Average loss: 1.2119  
Iteration: 2041; Percent complete: 51.0%; Average loss: 1.0693  
Iteration: 2042; Percent complete: 51.0%; Average loss: 1.1722  
Iteration: 2043; Percent complete: 51.1%; Average loss: 1.1035  
Iteration: 2044; Percent complete: 51.1%; Average loss: 1.1111  
Iteration: 2045; Percent complete: 51.1%; Average loss: 1.3601  
Iteration: 2046; Percent complete: 51.1%; Average loss: 0.9428  
Iteration: 2047; Percent complete: 51.2%; Average loss: 1.1765  
Iteration: 2048; Percent complete: 51.2%; Average loss: 0.9842  
Iteration: 2049; Percent complete: 51.2%; Average loss: 1.0753  
Iteration: 2050; Percent complete: 51.2%; Average loss: 1.0965  
Iteration: 2051; Percent complete: 51.3%; Average loss: 1.4834  
Iteration: 2052; Percent complete: 51.3%; Average loss: 1.3034  
Iteration: 2053; Percent complete: 51.3%; Average loss: 1.2078  
Iteration: 2054; Percent complete: 51.3%; Average loss: 1.3946  
Iteration: 2055; Percent complete: 51.4%; Average loss: 1.2138  
Iteration: 2056; Percent complete: 51.4%; Average loss: 1.1351  
Iteration: 2057; Percent complete: 51.4%; Average loss: 1.0611  
Iteration: 2058; Percent complete: 51.4%; Average loss: 1.2448  
Iteration: 2059; Percent complete: 51.5%; Average loss: 0.9020  
Iteration: 2060; Percent complete: 51.5%; Average loss: 1.0427  
Iteration: 2061; Percent complete: 51.5%; Average loss: 1.0452  
Iteration: 2062; Percent complete: 51.5%; Average loss: 1.2887  
Iteration: 2063; Percent complete: 51.6%; Average loss: 1.0512  
Iteration: 2064; Percent complete: 51.6%; Average loss: 1.0903  
Iteration: 2065; Percent complete: 51.6%; Average loss: 1.1205  
Iteration: 2066; Percent complete: 51.6%; Average loss: 1.2319  
Iteration: 2067; Percent complete: 51.7%; Average loss: 1.0427  
Iteration: 2068; Percent complete: 51.7%; Average loss: 0.9849  
Iteration: 2069; Percent complete: 51.7%; Average loss: 1.0141  
Iteration: 2070; Percent complete: 51.7%; Average loss: 1.2665  
Iteration: 2071; Percent complete: 51.8%; Average loss: 1.2074  
Iteration: 2072; Percent complete: 51.8%; Average loss: 0.8552  
Iteration: 2073; Percent complete: 51.8%; Average loss: 1.3661  
Iteration: 2074; Percent complete: 51.8%; Average loss: 1.2038  
Iteration: 2075; Percent complete: 51.9%; Average loss: 1.2801  
Iteration: 2076; Percent complete: 51.9%; Average loss: 0.9874  
Iteration: 2077; Percent complete: 51.9%; Average loss: 1.1864  
Iteration: 2078; Percent complete: 51.9%; Average loss: 1.0059  
Iteration: 2079; Percent complete: 52.0%; Average loss: 1.2352  
Iteration: 2080; Percent complete: 52.0%; Average loss: 1.3390  
Iteration: 2081; Percent complete: 52.0%; Average loss: 1.0558  
Iteration: 2082; Percent complete: 52.0%; Average loss: 1.0786  
Iteration: 2083; Percent complete: 52.1%; Average loss: 1.0376  
Iteration: 2084; Percent complete: 52.1%; Average loss: 1.2978  
Iteration: 2085; Percent complete: 52.1%; Average loss: 1.0711

Iteration: 2085; Percent complete: 52.1%; Average loss: 1.0711  
Iteration: 2086; Percent complete: 52.1%; Average loss: 1.0383  
Iteration: 2087; Percent complete: 52.2%; Average loss: 1.1972  
Iteration: 2088; Percent complete: 52.2%; Average loss: 1.2590  
Iteration: 2089; Percent complete: 52.2%; Average loss: 1.1892  
Iteration: 2090; Percent complete: 52.2%; Average loss: 1.2743  
Iteration: 2091; Percent complete: 52.3%; Average loss: 1.0831  
Iteration: 2092; Percent complete: 52.3%; Average loss: 1.0363  
Iteration: 2093; Percent complete: 52.3%; Average loss: 1.0928  
Iteration: 2094; Percent complete: 52.3%; Average loss: 1.1445  
Iteration: 2095; Percent complete: 52.4%; Average loss: 1.0605  
Iteration: 2096; Percent complete: 52.4%; Average loss: 1.2357  
Iteration: 2097; Percent complete: 52.4%; Average loss: 1.0364  
Iteration: 2098; Percent complete: 52.4%; Average loss: 0.9900  
Iteration: 2099; Percent complete: 52.5%; Average loss: 1.1007  
Iteration: 2100; Percent complete: 52.5%; Average loss: 0.9845  
Iteration: 2101; Percent complete: 52.5%; Average loss: 1.1216  
Iteration: 2102; Percent complete: 52.5%; Average loss: 1.1496  
Iteration: 2103; Percent complete: 52.6%; Average loss: 1.0646  
Iteration: 2104; Percent complete: 52.6%; Average loss: 0.9879  
Iteration: 2105; Percent complete: 52.6%; Average loss: 1.2425  
Iteration: 2106; Percent complete: 52.6%; Average loss: 1.1077  
Iteration: 2107; Percent complete: 52.7%; Average loss: 1.2061  
Iteration: 2108; Percent complete: 52.7%; Average loss: 1.0466  
Iteration: 2109; Percent complete: 52.7%; Average loss: 1.2693  
Iteration: 2110; Percent complete: 52.8%; Average loss: 1.3028  
Iteration: 2111; Percent complete: 52.8%; Average loss: 1.0808  
Iteration: 2112; Percent complete: 52.8%; Average loss: 1.0643  
Iteration: 2113; Percent complete: 52.8%; Average loss: 1.1479  
Iteration: 2114; Percent complete: 52.8%; Average loss: 1.2022  
Iteration: 2115; Percent complete: 52.9%; Average loss: 1.0883  
Iteration: 2116; Percent complete: 52.9%; Average loss: 0.9108  
Iteration: 2117; Percent complete: 52.9%; Average loss: 1.2533  
Iteration: 2118; Percent complete: 52.9%; Average loss: 1.1069  
Iteration: 2119; Percent complete: 53.0%; Average loss: 1.2626  
Iteration: 2120; Percent complete: 53.0%; Average loss: 1.3162  
Iteration: 2121; Percent complete: 53.0%; Average loss: 1.0116  
Iteration: 2122; Percent complete: 53.0%; Average loss: 1.1039  
Iteration: 2123; Percent complete: 53.1%; Average loss: 1.0491  
Iteration: 2124; Percent complete: 53.1%; Average loss: 0.9936  
Iteration: 2125; Percent complete: 53.1%; Average loss: 1.1826  
Iteration: 2126; Percent complete: 53.1%; Average loss: 1.1370  
Iteration: 2127; Percent complete: 53.2%; Average loss: 0.9945  
Iteration: 2128; Percent complete: 53.2%; Average loss: 1.2031  
Iteration: 2129; Percent complete: 53.2%; Average loss: 1.0548  
Iteration: 2130; Percent complete: 53.2%; Average loss: 1.0821  
Iteration: 2131; Percent complete: 53.3%; Average loss: 1.0763  
Iteration: 2132; Percent complete: 53.3%; Average loss: 1.0313  
Iteration: 2133; Percent complete: 53.3%; Average loss: 1.0857  
Iteration: 2134; Percent complete: 53.3%; Average loss: 0.9908  
Iteration: 2135; Percent complete: 53.4%; Average loss: 1.1232  
Iteration: 2136; Percent complete: 53.4%; Average loss: 1.3280  
Iteration: 2137; Percent complete: 53.4%; Average loss: 1.1251  
Iteration: 2138; Percent complete: 53.4%; Average loss: 1.2100  
Iteration: 2139; Percent complete: 53.5%; Average loss: 1.1565  
Iteration: 2140; Percent complete: 53.5%; Average loss: 1.0980  
Iteration: 2141; Percent complete: 53.5%; Average loss: 1.1520  
Iteration: 2142; Percent complete: 53.5%; Average loss: 1.1255  
Iteration: 2143; Percent complete: 53.6%; Average loss: 1.1315  
Iteration: 2144; Percent complete: 53.6%; Average loss: 1.2000  
Iteration: 2145; Percent complete: 53.6%; Average loss: 1.2438  
Iteration: 2146; Percent complete: 53.6%; Average loss: 0.9448  
Iteration: 2147; Percent complete: 53.7%; Average loss: 1.1899  
Iteration: 2148; Percent complete: 53.7%; Average loss: 1.0682  
Iteration: 2149; Percent complete: 53.7%; Average loss: 1.0823  
Iteration: 2150; Percent complete: 53.8%; Average loss: 1.1552  
Iteration: 2151; Percent complete: 53.8%; Average loss: 1.0686  
Iteration: 2152; Percent complete: 53.8%; Average loss: 1.1136  
Iteration: 2153; Percent complete: 53.8%; Average loss: 1.3284  
Iteration: 2154; Percent complete: 53.8%; Average loss: 1.1477  
Iteration: 2155; Percent complete: 53.9%; Average loss: 1.1005  
Iteration: 2156; Percent complete: 53.9%; Average loss: 1.3433  
Iteration: 2157; Percent complete: 53.9%; Average loss: 1.0413  
Iteration: 2158; Percent complete: 53.9%; Average loss: 0.9506  
Iteration: 2159; Percent complete: 54.0%; Average loss: 1.2352  
Iteration: 2160; Percent complete: 54.0%; Average loss: 0.8481  
Iteration: 2161; Percent complete: 54.0%; Average loss: 1.1539  
Iteration: 2162; Percent complete: 54.0%; Average loss: 1.3342  
Iteration: 2163; Percent complete: 54.1%; Average loss: 1.0102  
Iteration: 2164; Percent complete: 54.1%; Average loss: 1.0897  
Iteration: 2165; Percent complete: 54.1%; Average loss: 1.2860  
Iteration: 2166; Percent complete: 54.1%; Average loss: 0.9786  
Iteration: 2167; Percent complete: 54.2%; Average loss: 1.0496  
Iteration: 2168; Percent complete: 54.2%; Average loss: 1.3005  
Iteration: 2169; Percent complete: 54.2%; Average loss: 1.2305  
Iteration: 2170; Percent complete: 54.2%; Average loss: 1.2470  
Iteration: 2171; Percent complete: 54.3%; Average loss: 1.2200  
Iteration: 2172; Percent complete: 54.3%; Average loss: 1.0648  
Iteration: 2173; Percent complete: 54.3%; Average loss: 1.0639  
Iteration: 2174; Percent complete: 54.4%; Average loss: 1.2016  
Iteration: 2175; Percent complete: 54.4%; Average loss: 1.2305  
Iteration: 2176; Percent complete: 54.4%; Average loss: 1.1129

Iteration: 2177; Percent complete: 54.4%; Average loss: 1.0020  
Iteration: 2178; Percent complete: 54.4%; Average loss: 1.3360  
Iteration: 2179; Percent complete: 54.5%; Average loss: 1.2546  
Iteration: 2180; Percent complete: 54.5%; Average loss: 1.0420  
Iteration: 2181; Percent complete: 54.5%; Average loss: 1.2093  
Iteration: 2182; Percent complete: 54.5%; Average loss: 1.2236  
Iteration: 2183; Percent complete: 54.6%; Average loss: 1.0479  
Iteration: 2184; Percent complete: 54.6%; Average loss: 1.0962  
Iteration: 2185; Percent complete: 54.6%; Average loss: 1.1981  
Iteration: 2186; Percent complete: 54.6%; Average loss: 1.1970  
Iteration: 2187; Percent complete: 54.7%; Average loss: 1.3108  
Iteration: 2188; Percent complete: 54.7%; Average loss: 1.0843  
Iteration: 2189; Percent complete: 54.7%; Average loss: 0.9941  
Iteration: 2190; Percent complete: 54.8%; Average loss: 1.3365  
Iteration: 2191; Percent complete: 54.8%; Average loss: 0.9147  
Iteration: 2192; Percent complete: 54.8%; Average loss: 1.1581  
Iteration: 2193; Percent complete: 54.8%; Average loss: 1.1263  
Iteration: 2194; Percent complete: 54.9%; Average loss: 1.2815  
Iteration: 2195; Percent complete: 54.9%; Average loss: 1.2810  
Iteration: 2196; Percent complete: 54.9%; Average loss: 1.1045  
Iteration: 2197; Percent complete: 54.9%; Average loss: 1.1289  
Iteration: 2198; Percent complete: 54.9%; Average loss: 1.3024  
Iteration: 2199; Percent complete: 55.0%; Average loss: 1.1977  
Iteration: 2200; Percent complete: 55.0%; Average loss: 1.0970  
Iteration: 2201; Percent complete: 55.0%; Average loss: 1.1684  
Iteration: 2202; Percent complete: 55.0%; Average loss: 0.8935  
Iteration: 2203; Percent complete: 55.1%; Average loss: 1.1004  
Iteration: 2204; Percent complete: 55.1%; Average loss: 1.1489  
Iteration: 2205; Percent complete: 55.1%; Average loss: 0.9147  
Iteration: 2206; Percent complete: 55.1%; Average loss: 0.9633  
Iteration: 2207; Percent complete: 55.2%; Average loss: 1.1738  
Iteration: 2208; Percent complete: 55.2%; Average loss: 0.9682  
Iteration: 2209; Percent complete: 55.2%; Average loss: 0.9146  
Iteration: 2210; Percent complete: 55.2%; Average loss: 1.0286  
Iteration: 2211; Percent complete: 55.3%; Average loss: 1.0958  
Iteration: 2212; Percent complete: 55.3%; Average loss: 1.2730  
Iteration: 2213; Percent complete: 55.3%; Average loss: 0.9791  
Iteration: 2214; Percent complete: 55.4%; Average loss: 0.9611  
Iteration: 2215; Percent complete: 55.4%; Average loss: 1.1793  
Iteration: 2216; Percent complete: 55.4%; Average loss: 1.1780  
Iteration: 2217; Percent complete: 55.4%; Average loss: 1.1112  
Iteration: 2218; Percent complete: 55.5%; Average loss: 1.0127  
Iteration: 2219; Percent complete: 55.5%; Average loss: 1.3278  
Iteration: 2220; Percent complete: 55.5%; Average loss: 1.2369  
Iteration: 2221; Percent complete: 55.5%; Average loss: 1.2871  
Iteration: 2222; Percent complete: 55.5%; Average loss: 1.1281  
Iteration: 2223; Percent complete: 55.6%; Average loss: 1.1490  
Iteration: 2224; Percent complete: 55.6%; Average loss: 0.9953  
Iteration: 2225; Percent complete: 55.6%; Average loss: 1.0847  
Iteration: 2226; Percent complete: 55.6%; Average loss: 1.1564  
Iteration: 2227; Percent complete: 55.7%; Average loss: 1.1191  
Iteration: 2228; Percent complete: 55.7%; Average loss: 1.2266  
Iteration: 2229; Percent complete: 55.7%; Average loss: 1.0668  
Iteration: 2230; Percent complete: 55.8%; Average loss: 1.1236  
Iteration: 2231; Percent complete: 55.8%; Average loss: 1.3176  
Iteration: 2232; Percent complete: 55.8%; Average loss: 1.1845  
Iteration: 2233; Percent complete: 55.8%; Average loss: 1.0837  
Iteration: 2234; Percent complete: 55.9%; Average loss: 1.2827  
Iteration: 2235; Percent complete: 55.9%; Average loss: 1.2031  
Iteration: 2236; Percent complete: 55.9%; Average loss: 1.0667  
Iteration: 2237; Percent complete: 55.9%; Average loss: 0.9282  
Iteration: 2238; Percent complete: 56.0%; Average loss: 1.3179  
Iteration: 2239; Percent complete: 56.0%; Average loss: 0.8729  
Iteration: 2240; Percent complete: 56.0%; Average loss: 1.0256  
Iteration: 2241; Percent complete: 56.0%; Average loss: 1.2486  
Iteration: 2242; Percent complete: 56.0%; Average loss: 1.3764  
Iteration: 2243; Percent complete: 56.1%; Average loss: 1.0852  
Iteration: 2244; Percent complete: 56.1%; Average loss: 0.9488  
Iteration: 2245; Percent complete: 56.1%; Average loss: 1.0309  
Iteration: 2246; Percent complete: 56.1%; Average loss: 1.1057  
Iteration: 2247; Percent complete: 56.2%; Average loss: 1.2008  
Iteration: 2248; Percent complete: 56.2%; Average loss: 1.2059  
Iteration: 2249; Percent complete: 56.2%; Average loss: 1.0489  
Iteration: 2250; Percent complete: 56.2%; Average loss: 1.0258  
Iteration: 2251; Percent complete: 56.3%; Average loss: 1.3696  
Iteration: 2252; Percent complete: 56.3%; Average loss: 1.3525  
Iteration: 2253; Percent complete: 56.3%; Average loss: 1.2674  
Iteration: 2254; Percent complete: 56.4%; Average loss: 1.2852  
Iteration: 2255; Percent complete: 56.4%; Average loss: 1.2065  
Iteration: 2256; Percent complete: 56.4%; Average loss: 1.0720  
Iteration: 2257; Percent complete: 56.4%; Average loss: 1.0900  
Iteration: 2258; Percent complete: 56.5%; Average loss: 1.2168  
Iteration: 2259; Percent complete: 56.5%; Average loss: 1.1554  
Iteration: 2260; Percent complete: 56.5%; Average loss: 1.2861  
Iteration: 2261; Percent complete: 56.5%; Average loss: 0.9980  
Iteration: 2262; Percent complete: 56.5%; Average loss: 1.1684  
Iteration: 2263; Percent complete: 56.6%; Average loss: 1.2462  
Iteration: 2264; Percent complete: 56.6%; Average loss: 0.9582  
Iteration: 2265; Percent complete: 56.6%; Average loss: 1.1552  
Iteration: 2266; Percent complete: 56.6%; Average loss: 1.2234  
Iteration: 2267; Percent complete: 56.7%; Average loss: 0.9919

Iteration: 2268; Percent complete: 56.7%; Average loss: 1.1227  
Iteration: 2269; Percent complete: 56.7%; Average loss: 1.2858  
Iteration: 2270; Percent complete: 56.8%; Average loss: 1.2006  
Iteration: 2271; Percent complete: 56.8%; Average loss: 1.0008  
Iteration: 2272; Percent complete: 56.8%; Average loss: 1.2110  
Iteration: 2273; Percent complete: 56.8%; Average loss: 1.1108  
Iteration: 2274; Percent complete: 56.9%; Average loss: 1.1652  
Iteration: 2275; Percent complete: 56.9%; Average loss: 1.0612  
Iteration: 2276; Percent complete: 56.9%; Average loss: 1.2117  
Iteration: 2277; Percent complete: 56.9%; Average loss: 1.0088  
Iteration: 2278; Percent complete: 57.0%; Average loss: 1.1812  
Iteration: 2279; Percent complete: 57.0%; Average loss: 1.4308  
Iteration: 2280; Percent complete: 57.0%; Average loss: 1.1368  
Iteration: 2281; Percent complete: 57.0%; Average loss: 1.2322  
Iteration: 2282; Percent complete: 57.0%; Average loss: 1.0598  
Iteration: 2283; Percent complete: 57.1%; Average loss: 1.0285  
Iteration: 2284; Percent complete: 57.1%; Average loss: 1.0450  
Iteration: 2285; Percent complete: 57.1%; Average loss: 1.1455  
Iteration: 2286; Percent complete: 57.1%; Average loss: 1.1583  
Iteration: 2287; Percent complete: 57.2%; Average loss: 1.0711  
Iteration: 2288; Percent complete: 57.2%; Average loss: 1.2615  
Iteration: 2289; Percent complete: 57.2%; Average loss: 1.2966  
Iteration: 2290; Percent complete: 57.2%; Average loss: 0.9597  
Iteration: 2291; Percent complete: 57.3%; Average loss: 1.1596  
Iteration: 2292; Percent complete: 57.3%; Average loss: 0.9376  
Iteration: 2293; Percent complete: 57.3%; Average loss: 1.2088  
Iteration: 2294; Percent complete: 57.4%; Average loss: 1.1925  
Iteration: 2295; Percent complete: 57.4%; Average loss: 1.1529  
Iteration: 2296; Percent complete: 57.4%; Average loss: 1.1199  
Iteration: 2297; Percent complete: 57.4%; Average loss: 1.2830  
Iteration: 2298; Percent complete: 57.5%; Average loss: 0.9124  
Iteration: 2299; Percent complete: 57.5%; Average loss: 1.0117  
Iteration: 2300; Percent complete: 57.5%; Average loss: 1.0121  
Iteration: 2301; Percent complete: 57.5%; Average loss: 1.1994  
Iteration: 2302; Percent complete: 57.6%; Average loss: 1.1377  
Iteration: 2303; Percent complete: 57.6%; Average loss: 1.1419  
Iteration: 2304; Percent complete: 57.6%; Average loss: 1.0633  
Iteration: 2305; Percent complete: 57.6%; Average loss: 1.0847  
Iteration: 2306; Percent complete: 57.6%; Average loss: 1.0496  
Iteration: 2307; Percent complete: 57.7%; Average loss: 1.1440  
Iteration: 2308; Percent complete: 57.7%; Average loss: 1.2267  
Iteration: 2309; Percent complete: 57.7%; Average loss: 0.9024  
Iteration: 2310; Percent complete: 57.8%; Average loss: 1.0184  
Iteration: 2311; Percent complete: 57.8%; Average loss: 1.2899  
Iteration: 2312; Percent complete: 57.8%; Average loss: 1.1974  
Iteration: 2313; Percent complete: 57.8%; Average loss: 1.0771  
Iteration: 2314; Percent complete: 57.9%; Average loss: 1.3414  
Iteration: 2315; Percent complete: 57.9%; Average loss: 1.0450  
Iteration: 2316; Percent complete: 57.9%; Average loss: 1.1778  
Iteration: 2317; Percent complete: 57.9%; Average loss: 1.3886  
Iteration: 2318; Percent complete: 58.0%; Average loss: 0.9557  
Iteration: 2319; Percent complete: 58.0%; Average loss: 1.0136  
Iteration: 2320; Percent complete: 58.0%; Average loss: 1.1363  
Iteration: 2321; Percent complete: 58.0%; Average loss: 1.0536  
Iteration: 2322; Percent complete: 58.1%; Average loss: 1.1564  
Iteration: 2323; Percent complete: 58.1%; Average loss: 1.1862  
Iteration: 2324; Percent complete: 58.1%; Average loss: 1.1982  
Iteration: 2325; Percent complete: 58.1%; Average loss: 1.1322  
Iteration: 2326; Percent complete: 58.1%; Average loss: 1.1867  
Iteration: 2327; Percent complete: 58.2%; Average loss: 1.1735  
Iteration: 2328; Percent complete: 58.2%; Average loss: 1.3544  
Iteration: 2329; Percent complete: 58.2%; Average loss: 1.1133  
Iteration: 2330; Percent complete: 58.2%; Average loss: 1.0245  
Iteration: 2331; Percent complete: 58.3%; Average loss: 1.0436  
Iteration: 2332; Percent complete: 58.3%; Average loss: 1.2537  
Iteration: 2333; Percent complete: 58.3%; Average loss: 1.1881  
Iteration: 2334; Percent complete: 58.4%; Average loss: 1.2454  
Iteration: 2335; Percent complete: 58.4%; Average loss: 0.9310  
Iteration: 2336; Percent complete: 58.4%; Average loss: 1.3533  
Iteration: 2337; Percent complete: 58.4%; Average loss: 1.1708  
Iteration: 2338; Percent complete: 58.5%; Average loss: 1.0885  
Iteration: 2339; Percent complete: 58.5%; Average loss: 1.1037  
Iteration: 2340; Percent complete: 58.5%; Average loss: 1.3430  
Iteration: 2341; Percent complete: 58.5%; Average loss: 1.2724  
Iteration: 2342; Percent complete: 58.6%; Average loss: 1.0549  
Iteration: 2343; Percent complete: 58.6%; Average loss: 1.2223  
Iteration: 2344; Percent complete: 58.6%; Average loss: 1.2965  
Iteration: 2345; Percent complete: 58.6%; Average loss: 1.1074  
Iteration: 2346; Percent complete: 58.7%; Average loss: 0.9834  
Iteration: 2347; Percent complete: 58.7%; Average loss: 1.0181  
Iteration: 2348; Percent complete: 58.7%; Average loss: 1.3770  
Iteration: 2349; Percent complete: 58.7%; Average loss: 1.0377  
Iteration: 2350; Percent complete: 58.8%; Average loss: 1.1355  
Iteration: 2351; Percent complete: 58.8%; Average loss: 1.1159  
Iteration: 2352; Percent complete: 58.8%; Average loss: 1.1292  
Iteration: 2353; Percent complete: 58.8%; Average loss: 0.9693  
Iteration: 2354; Percent complete: 58.9%; Average loss: 1.1582  
Iteration: 2355; Percent complete: 58.9%; Average loss: 1.1117  
Iteration: 2356; Percent complete: 58.9%; Average loss: 1.2819  
Iteration: 2357; Percent complete: 58.9%; Average loss: 1.0610  
Iteration: 2358; Percent complete: 59.0%; Average loss: 1.3503  
Iteration: 2359; Percent complete: 59.0%; Average loss: 1.2223





Iteration: 2450; Percent complete: 61.3%; Average loss: 1.0918  
Iteration: 2451; Percent complete: 61.3%; Average loss: 1.4040  
Iteration: 2452; Percent complete: 61.3%; Average loss: 1.1931  
Iteration: 2453; Percent complete: 61.3%; Average loss: 0.9891  
Iteration: 2454; Percent complete: 61.4%; Average loss: 1.2080  
Iteration: 2455; Percent complete: 61.4%; Average loss: 1.1547  
Iteration: 2456; Percent complete: 61.4%; Average loss: 1.3245  
Iteration: 2457; Percent complete: 61.4%; Average loss: 1.1869  
Iteration: 2458; Percent complete: 61.5%; Average loss: 1.2180  
Iteration: 2459; Percent complete: 61.5%; Average loss: 1.2341  
Iteration: 2460; Percent complete: 61.5%; Average loss: 1.0991  
Iteration: 2461; Percent complete: 61.5%; Average loss: 1.2879  
Iteration: 2462; Percent complete: 61.6%; Average loss: 1.2552  
Iteration: 2463; Percent complete: 61.6%; Average loss: 1.1197  
Iteration: 2464; Percent complete: 61.6%; Average loss: 1.2398  
Iteration: 2465; Percent complete: 61.6%; Average loss: 1.2305  
Iteration: 2466; Percent complete: 61.7%; Average loss: 1.2548  
Iteration: 2467; Percent complete: 61.7%; Average loss: 1.2529  
Iteration: 2468; Percent complete: 61.7%; Average loss: 1.1422  
Iteration: 2469; Percent complete: 61.7%; Average loss: 1.1213  
Iteration: 2470; Percent complete: 61.8%; Average loss: 1.2629  
Iteration: 2471; Percent complete: 61.8%; Average loss: 1.0148  
Iteration: 2472; Percent complete: 61.8%; Average loss: 1.1569  
Iteration: 2473; Percent complete: 61.8%; Average loss: 1.1013  
Iteration: 2474; Percent complete: 61.9%; Average loss: 1.0932  
Iteration: 2475; Percent complete: 61.9%; Average loss: 1.4266  
Iteration: 2476; Percent complete: 61.9%; Average loss: 1.2096  
Iteration: 2477; Percent complete: 61.9%; Average loss: 1.1475  
Iteration: 2478; Percent complete: 62.0%; Average loss: 1.3244  
Iteration: 2479; Percent complete: 62.0%; Average loss: 1.1388  
Iteration: 2480; Percent complete: 62.0%; Average loss: 1.2281  
Iteration: 2481; Percent complete: 62.0%; Average loss: 1.2896  
Iteration: 2482; Percent complete: 62.1%; Average loss: 0.9563  
Iteration: 2483; Percent complete: 62.1%; Average loss: 1.2742  
Iteration: 2484; Percent complete: 62.1%; Average loss: 1.1668  
Iteration: 2485; Percent complete: 62.1%; Average loss: 0.9659  
Iteration: 2486; Percent complete: 62.2%; Average loss: 1.1831  
Iteration: 2487; Percent complete: 62.2%; Average loss: 1.1405  
Iteration: 2488; Percent complete: 62.2%; Average loss: 1.2811  
Iteration: 2489; Percent complete: 62.2%; Average loss: 1.1060  
Iteration: 2490; Percent complete: 62.3%; Average loss: 1.1115  
Iteration: 2491; Percent complete: 62.3%; Average loss: 1.2644  
Iteration: 2492; Percent complete: 62.3%; Average loss: 1.0672  
Iteration: 2493; Percent complete: 62.3%; Average loss: 1.1861  
Iteration: 2494; Percent complete: 62.4%; Average loss: 1.1460  
Iteration: 2495; Percent complete: 62.4%; Average loss: 1.1781  
Iteration: 2496; Percent complete: 62.4%; Average loss: 1.1881  
Iteration: 2497; Percent complete: 62.4%; Average loss: 0.9422  
Iteration: 2498; Percent complete: 62.5%; Average loss: 1.1462  
Iteration: 2499; Percent complete: 62.5%; Average loss: 1.1003  
Iteration: 2500; Percent complete: 62.5%; Average loss: 0.9306  
Iteration: 2501; Percent complete: 62.5%; Average loss: 1.2490  
Iteration: 2502; Percent complete: 62.5%; Average loss: 1.2840  
Iteration: 2503; Percent complete: 62.6%; Average loss: 1.3769  
Iteration: 2504; Percent complete: 62.6%; Average loss: 1.0870  
Iteration: 2505; Percent complete: 62.6%; Average loss: 1.1525  
Iteration: 2506; Percent complete: 62.6%; Average loss: 1.1553  
Iteration: 2507; Percent complete: 62.7%; Average loss: 1.2761  
Iteration: 2508; Percent complete: 62.7%; Average loss: 0.9513  
Iteration: 2509; Percent complete: 62.7%; Average loss: 1.0875  
Iteration: 2510; Percent complete: 62.7%; Average loss: 1.0214  
Iteration: 2511; Percent complete: 62.8%; Average loss: 1.1895  
Iteration: 2512; Percent complete: 62.8%; Average loss: 1.3336  
Iteration: 2513; Percent complete: 62.8%; Average loss: 0.9662  
Iteration: 2514; Percent complete: 62.8%; Average loss: 1.0928  
Iteration: 2515; Percent complete: 62.9%; Average loss: 1.2051  
Iteration: 2516; Percent complete: 62.9%; Average loss: 0.9931  
Iteration: 2517; Percent complete: 62.9%; Average loss: 1.1235  
Iteration: 2518; Percent complete: 62.9%; Average loss: 1.2446  
Iteration: 2519; Percent complete: 63.0%; Average loss: 1.0800  
Iteration: 2520; Percent complete: 63.0%; Average loss: 1.1353  
Iteration: 2521; Percent complete: 63.0%; Average loss: 1.0178  
Iteration: 2522; Percent complete: 63.0%; Average loss: 1.2928  
Iteration: 2523; Percent complete: 63.1%; Average loss: 1.1826  
Iteration: 2524; Percent complete: 63.1%; Average loss: 1.1877  
Iteration: 2525; Percent complete: 63.1%; Average loss: 1.2561  
Iteration: 2526; Percent complete: 63.1%; Average loss: 1.2271  
Iteration: 2527; Percent complete: 63.2%; Average loss: 1.0647  
Iteration: 2528; Percent complete: 63.2%; Average loss: 0.9978  
Iteration: 2529; Percent complete: 63.2%; Average loss: 1.3302  
Iteration: 2530; Percent complete: 63.2%; Average loss: 1.0177  
Iteration: 2531; Percent complete: 63.3%; Average loss: 1.3127  
Iteration: 2532; Percent complete: 63.3%; Average loss: 1.1382  
Iteration: 2533; Percent complete: 63.3%; Average loss: 1.0889  
Iteration: 2534; Percent complete: 63.3%; Average loss: 1.1344  
Iteration: 2535; Percent complete: 63.4%; Average loss: 1.0754  
Iteration: 2536; Percent complete: 63.4%; Average loss: 1.2327  
Iteration: 2537; Percent complete: 63.4%; Average loss: 1.3491  
Iteration: 2538; Percent complete: 63.4%; Average loss: 1.2571  
Iteration: 2539; Percent complete: 63.5%; Average loss: 1.1641  
Iteration: 2540; Percent complete: 63.5%; Average loss: 0.9995  
Iteration: 2541; Percent complete: 63.5%; Average loss: 1.1467

Iteration: 2542; Percent complete: 63.5%; Average loss: 1.1210  
Iteration: 2543; Percent complete: 63.6%; Average loss: 1.4080  
Iteration: 2544; Percent complete: 63.6%; Average loss: 1.1163  
Iteration: 2545; Percent complete: 63.6%; Average loss: 1.1722  
Iteration: 2546; Percent complete: 63.6%; Average loss: 1.2658  
Iteration: 2547; Percent complete: 63.7%; Average loss: 1.0103  
Iteration: 2548; Percent complete: 63.7%; Average loss: 1.1306  
Iteration: 2549; Percent complete: 63.7%; Average loss: 1.2560  
Iteration: 2550; Percent complete: 63.7%; Average loss: 1.1425  
Iteration: 2551; Percent complete: 63.8%; Average loss: 1.1851  
Iteration: 2552; Percent complete: 63.8%; Average loss: 1.1146  
Iteration: 2553; Percent complete: 63.8%; Average loss: 1.1171  
Iteration: 2554; Percent complete: 63.8%; Average loss: 0.9602  
Iteration: 2555; Percent complete: 63.9%; Average loss: 1.1175  
Iteration: 2556; Percent complete: 63.9%; Average loss: 1.1889  
Iteration: 2557; Percent complete: 63.9%; Average loss: 1.2499  
Iteration: 2558; Percent complete: 63.9%; Average loss: 1.2957  
Iteration: 2559; Percent complete: 64.0%; Average loss: 1.0831  
Iteration: 2560; Percent complete: 64.0%; Average loss: 1.1887  
Iteration: 2561; Percent complete: 64.0%; Average loss: 1.0630  
Iteration: 2562; Percent complete: 64.0%; Average loss: 1.1604  
Iteration: 2563; Percent complete: 64.1%; Average loss: 1.2374  
Iteration: 2564; Percent complete: 64.1%; Average loss: 0.8926  
Iteration: 2565; Percent complete: 64.1%; Average loss: 1.0843  
Iteration: 2566; Percent complete: 64.1%; Average loss: 1.1098  
Iteration: 2567; Percent complete: 64.2%; Average loss: 1.3184  
Iteration: 2568; Percent complete: 64.2%; Average loss: 1.0691  
Iteration: 2569; Percent complete: 64.2%; Average loss: 1.1317  
Iteration: 2570; Percent complete: 64.2%; Average loss: 1.1705  
Iteration: 2571; Percent complete: 64.3%; Average loss: 1.0691  
Iteration: 2572; Percent complete: 64.3%; Average loss: 1.2379  
Iteration: 2573; Percent complete: 64.3%; Average loss: 1.1321  
Iteration: 2574; Percent complete: 64.3%; Average loss: 1.1622  
Iteration: 2575; Percent complete: 64.4%; Average loss: 1.0485  
Iteration: 2576; Percent complete: 64.4%; Average loss: 1.2008  
Iteration: 2577; Percent complete: 64.4%; Average loss: 1.1820  
Iteration: 2578; Percent complete: 64.5%; Average loss: 1.2938  
Iteration: 2579; Percent complete: 64.5%; Average loss: 1.0930  
Iteration: 2580; Percent complete: 64.5%; Average loss: 1.1809  
Iteration: 2581; Percent complete: 64.5%; Average loss: 1.2481  
Iteration: 2582; Percent complete: 64.5%; Average loss: 1.1749  
Iteration: 2583; Percent complete: 64.6%; Average loss: 1.0489  
Iteration: 2584; Percent complete: 64.6%; Average loss: 1.3856  
Iteration: 2585; Percent complete: 64.6%; Average loss: 1.2313  
Iteration: 2586; Percent complete: 64.6%; Average loss: 1.2629  
Iteration: 2587; Percent complete: 64.7%; Average loss: 1.2270  
Iteration: 2588; Percent complete: 64.7%; Average loss: 1.2408  
Iteration: 2589; Percent complete: 64.7%; Average loss: 0.9460  
Iteration: 2590; Percent complete: 64.8%; Average loss: 1.2193  
Iteration: 2591; Percent complete: 64.8%; Average loss: 1.0704  
Iteration: 2592; Percent complete: 64.8%; Average loss: 1.2329  
Iteration: 2593; Percent complete: 64.8%; Average loss: 1.1377  
Iteration: 2594; Percent complete: 64.8%; Average loss: 1.3208  
Iteration: 2595; Percent complete: 64.9%; Average loss: 1.2111  
Iteration: 2596; Percent complete: 64.9%; Average loss: 1.1533  
Iteration: 2597; Percent complete: 64.9%; Average loss: 1.4180  
Iteration: 2598; Percent complete: 65.0%; Average loss: 1.2034  
Iteration: 2599; Percent complete: 65.0%; Average loss: 1.1455  
Iteration: 2600; Percent complete: 65.0%; Average loss: 1.0524  
Iteration: 2601; Percent complete: 65.0%; Average loss: 1.0600  
Iteration: 2602; Percent complete: 65.0%; Average loss: 1.1849  
Iteration: 2603; Percent complete: 65.1%; Average loss: 1.0864  
Iteration: 2604; Percent complete: 65.1%; Average loss: 1.0319  
Iteration: 2605; Percent complete: 65.1%; Average loss: 1.2525  
Iteration: 2606; Percent complete: 65.1%; Average loss: 1.1184  
Iteration: 2607; Percent complete: 65.2%; Average loss: 1.2723  
Iteration: 2608; Percent complete: 65.2%; Average loss: 0.9585  
Iteration: 2609; Percent complete: 65.2%; Average loss: 1.1305  
Iteration: 2610; Percent complete: 65.2%; Average loss: 1.2284  
Iteration: 2611; Percent complete: 65.3%; Average loss: 1.2165  
Iteration: 2612; Percent complete: 65.3%; Average loss: 1.0358  
Iteration: 2613; Percent complete: 65.3%; Average loss: 1.0006  
Iteration: 2614; Percent complete: 65.3%; Average loss: 1.0708  
Iteration: 2615; Percent complete: 65.4%; Average loss: 1.1522  
Iteration: 2616; Percent complete: 65.4%; Average loss: 1.2083  
Iteration: 2617; Percent complete: 65.4%; Average loss: 1.1865  
Iteration: 2618; Percent complete: 65.5%; Average loss: 1.0743  
Iteration: 2619; Percent complete: 65.5%; Average loss: 1.0304  
Iteration: 2620; Percent complete: 65.5%; Average loss: 1.1462  
Iteration: 2621; Percent complete: 65.5%; Average loss: 1.2893  
Iteration: 2622; Percent complete: 65.5%; Average loss: 1.2353  
Iteration: 2623; Percent complete: 65.6%; Average loss: 1.0840  
Iteration: 2624; Percent complete: 65.6%; Average loss: 1.0335  
Iteration: 2625; Percent complete: 65.6%; Average loss: 1.1377  
Iteration: 2626; Percent complete: 65.6%; Average loss: 1.1289  
Iteration: 2627; Percent complete: 65.7%; Average loss: 1.2903  
Iteration: 2628; Percent complete: 65.7%; Average loss: 1.0826  
Iteration: 2629; Percent complete: 65.7%; Average loss: 1.0466  
Iteration: 2630; Percent complete: 65.8%; Average loss: 1.1664  
Iteration: 2631; Percent complete: 65.8%; Average loss: 1.0966  
Iteration: 2632; Percent complete: 65.8%; Average loss: 1.1530

Iteration: 2633; Percent complete: 65.8%; Average loss: 1.4163  
Iteration: 2634; Percent complete: 65.8%; Average loss: 1.0597  
Iteration: 2635; Percent complete: 65.9%; Average loss: 1.0209  
Iteration: 2636; Percent complete: 65.9%; Average loss: 1.0996  
Iteration: 2637; Percent complete: 65.9%; Average loss: 0.9844  
Iteration: 2638; Percent complete: 66.0%; Average loss: 1.2457  
Iteration: 2639; Percent complete: 66.0%; Average loss: 1.2032  
Iteration: 2640; Percent complete: 66.0%; Average loss: 1.2760  
Iteration: 2641; Percent complete: 66.0%; Average loss: 1.1047  
Iteration: 2642; Percent complete: 66.0%; Average loss: 1.1994  
Iteration: 2643; Percent complete: 66.1%; Average loss: 1.2525  
Iteration: 2644; Percent complete: 66.1%; Average loss: 1.3848  
Iteration: 2645; Percent complete: 66.1%; Average loss: 1.1169  
Iteration: 2646; Percent complete: 66.1%; Average loss: 1.1619  
Iteration: 2647; Percent complete: 66.2%; Average loss: 1.0338  
Iteration: 2648; Percent complete: 66.2%; Average loss: 1.2033  
Iteration: 2649; Percent complete: 66.2%; Average loss: 1.0683  
Iteration: 2650; Percent complete: 66.2%; Average loss: 1.1546  
Iteration: 2651; Percent complete: 66.3%; Average loss: 1.1069  
Iteration: 2652; Percent complete: 66.3%; Average loss: 1.0665  
Iteration: 2653; Percent complete: 66.3%; Average loss: 1.2118  
Iteration: 2654; Percent complete: 66.3%; Average loss: 1.0972  
Iteration: 2655; Percent complete: 66.4%; Average loss: 1.0795  
Iteration: 2656; Percent complete: 66.4%; Average loss: 1.1643  
Iteration: 2657; Percent complete: 66.4%; Average loss: 1.1090  
Iteration: 2658; Percent complete: 66.5%; Average loss: 1.4807  
Iteration: 2659; Percent complete: 66.5%; Average loss: 1.2741  
Iteration: 2660; Percent complete: 66.5%; Average loss: 1.2212  
Iteration: 2661; Percent complete: 66.5%; Average loss: 1.2847  
Iteration: 2662; Percent complete: 66.5%; Average loss: 0.9559  
Iteration: 2663; Percent complete: 66.6%; Average loss: 1.0928  
Iteration: 2664; Percent complete: 66.6%; Average loss: 1.1188  
Iteration: 2665; Percent complete: 66.6%; Average loss: 1.0417  
Iteration: 2666; Percent complete: 66.6%; Average loss: 1.2124  
Iteration: 2667; Percent complete: 66.7%; Average loss: 1.3839  
Iteration: 2668; Percent complete: 66.7%; Average loss: 1.0584  
Iteration: 2669; Percent complete: 66.7%; Average loss: 1.1051  
Iteration: 2670; Percent complete: 66.8%; Average loss: 1.2543  
Iteration: 2671; Percent complete: 66.8%; Average loss: 1.3289  
Iteration: 2672; Percent complete: 66.8%; Average loss: 0.9083  
Iteration: 2673; Percent complete: 66.8%; Average loss: 1.2619  
Iteration: 2674; Percent complete: 66.8%; Average loss: 0.9923  
Iteration: 2675; Percent complete: 66.9%; Average loss: 1.2801  
Iteration: 2676; Percent complete: 66.9%; Average loss: 1.2152  
Iteration: 2677; Percent complete: 66.9%; Average loss: 1.1580  
Iteration: 2678; Percent complete: 67.0%; Average loss: 1.1098  
Iteration: 2679; Percent complete: 67.0%; Average loss: 1.1830  
Iteration: 2680; Percent complete: 67.0%; Average loss: 1.2276  
Iteration: 2681; Percent complete: 67.0%; Average loss: 1.1150  
Iteration: 2682; Percent complete: 67.0%; Average loss: 1.0655  
Iteration: 2683; Percent complete: 67.1%; Average loss: 1.2130  
Iteration: 2684; Percent complete: 67.1%; Average loss: 1.2409  
Iteration: 2685; Percent complete: 67.1%; Average loss: 1.1632  
Iteration: 2686; Percent complete: 67.2%; Average loss: 1.0052  
Iteration: 2687; Percent complete: 67.2%; Average loss: 1.1165  
Iteration: 2688; Percent complete: 67.2%; Average loss: 1.0509  
Iteration: 2689; Percent complete: 67.2%; Average loss: 1.0499  
Iteration: 2690; Percent complete: 67.2%; Average loss: 1.2501  
Iteration: 2691; Percent complete: 67.3%; Average loss: 1.1890  
Iteration: 2692; Percent complete: 67.3%; Average loss: 1.0915  
Iteration: 2693; Percent complete: 67.3%; Average loss: 1.1837  
Iteration: 2694; Percent complete: 67.3%; Average loss: 1.1022  
Iteration: 2695; Percent complete: 67.4%; Average loss: 1.2584  
Iteration: 2696; Percent complete: 67.4%; Average loss: 1.0891  
Iteration: 2697; Percent complete: 67.4%; Average loss: 1.2127  
Iteration: 2698; Percent complete: 67.5%; Average loss: 1.0479  
Iteration: 2699; Percent complete: 67.5%; Average loss: 1.0715  
Iteration: 2700; Percent complete: 67.5%; Average loss: 1.1304  
Iteration: 2701; Percent complete: 67.5%; Average loss: 1.1946  
Iteration: 2702; Percent complete: 67.5%; Average loss: 1.2368  
Iteration: 2703; Percent complete: 67.6%; Average loss: 1.2685  
Iteration: 2704; Percent complete: 67.6%; Average loss: 1.1885  
Iteration: 2705; Percent complete: 67.6%; Average loss: 0.9686  
Iteration: 2706; Percent complete: 67.7%; Average loss: 1.1686  
Iteration: 2707; Percent complete: 67.7%; Average loss: 1.2823  
Iteration: 2708; Percent complete: 67.7%; Average loss: 1.2241  
Iteration: 2709; Percent complete: 67.7%; Average loss: 1.1345  
Iteration: 2710; Percent complete: 67.8%; Average loss: 1.3730  
Iteration: 2711; Percent complete: 67.8%; Average loss: 1.2364  
Iteration: 2712; Percent complete: 67.8%; Average loss: 1.4643  
Iteration: 2713; Percent complete: 67.8%; Average loss: 1.2330  
Iteration: 2714; Percent complete: 67.8%; Average loss: 1.4406  
Iteration: 2715; Percent complete: 67.9%; Average loss: 1.1085  
Iteration: 2716; Percent complete: 67.9%; Average loss: 1.1280  
Iteration: 2717; Percent complete: 67.9%; Average loss: 1.1524  
Iteration: 2718; Percent complete: 68.0%; Average loss: 1.2160  
Iteration: 2719; Percent complete: 68.0%; Average loss: 1.2603  
Iteration: 2720; Percent complete: 68.0%; Average loss: 1.1263  
Iteration: 2721; Percent complete: 68.0%; Average loss: 0.9965  
Iteration: 2722; Percent complete: 68.0%; Average loss: 1.3238  
Iteration: 2723; Percent complete: 68.1%; Average loss: 0.9749  
Iteration: 2724; Percent complete: 68.1%; Average loss: 1.2112

Iteration: 2724; Percent complete: 68.1%; Average loss: 1.1412  
Iteration: 2725; Percent complete: 68.1%; Average loss: 1.2031  
Iteration: 2726; Percent complete: 68.2%; Average loss: 1.0909  
Iteration: 2727; Percent complete: 68.2%; Average loss: 1.3520  
Iteration: 2728; Percent complete: 68.2%; Average loss: 1.1117  
Iteration: 2729; Percent complete: 68.2%; Average loss: 1.1321  
Iteration: 2730; Percent complete: 68.2%; Average loss: 1.2945  
Iteration: 2731; Percent complete: 68.3%; Average loss: 1.1689  
Iteration: 2732; Percent complete: 68.3%; Average loss: 1.0976  
Iteration: 2733; Percent complete: 68.3%; Average loss: 1.2270  
Iteration: 2734; Percent complete: 68.3%; Average loss: 1.1012  
Iteration: 2735; Percent complete: 68.4%; Average loss: 1.3248  
Iteration: 2736; Percent complete: 68.4%; Average loss: 1.0841  
Iteration: 2737; Percent complete: 68.4%; Average loss: 1.2207  
Iteration: 2738; Percent complete: 68.5%; Average loss: 1.1364  
Iteration: 2739; Percent complete: 68.5%; Average loss: 0.9653  
Iteration: 2740; Percent complete: 68.5%; Average loss: 1.0334  
Iteration: 2741; Percent complete: 68.5%; Average loss: 1.0233  
Iteration: 2742; Percent complete: 68.5%; Average loss: 1.0867  
Iteration: 2743; Percent complete: 68.6%; Average loss: 1.0955  
Iteration: 2744; Percent complete: 68.6%; Average loss: 1.1628  
Iteration: 2745; Percent complete: 68.6%; Average loss: 1.1001  
Iteration: 2746; Percent complete: 68.7%; Average loss: 1.1878  
Iteration: 2747; Percent complete: 68.7%; Average loss: 1.3189  
Iteration: 2748; Percent complete: 68.7%; Average loss: 1.1980  
Iteration: 2749; Percent complete: 68.7%; Average loss: 1.4345  
Iteration: 2750; Percent complete: 68.8%; Average loss: 1.1830  
Iteration: 2751; Percent complete: 68.8%; Average loss: 0.9520  
Iteration: 2752; Percent complete: 68.8%; Average loss: 1.3619  
Iteration: 2753; Percent complete: 68.8%; Average loss: 0.9876  
Iteration: 2754; Percent complete: 68.8%; Average loss: 1.0942  
Iteration: 2755; Percent complete: 68.9%; Average loss: 1.0493  
Iteration: 2756; Percent complete: 68.9%; Average loss: 1.3065  
Iteration: 2757; Percent complete: 68.9%; Average loss: 1.1090  
Iteration: 2758; Percent complete: 69.0%; Average loss: 1.0563  
Iteration: 2759; Percent complete: 69.0%; Average loss: 1.2311  
Iteration: 2760; Percent complete: 69.0%; Average loss: 1.2362  
Iteration: 2761; Percent complete: 69.0%; Average loss: 1.0521  
Iteration: 2762; Percent complete: 69.0%; Average loss: 1.0972  
Iteration: 2763; Percent complete: 69.1%; Average loss: 1.1188  
Iteration: 2764; Percent complete: 69.1%; Average loss: 1.1490  
Iteration: 2765; Percent complete: 69.1%; Average loss: 1.2223  
Iteration: 2766; Percent complete: 69.2%; Average loss: 1.0663  
Iteration: 2767; Percent complete: 69.2%; Average loss: 1.0840  
Iteration: 2768; Percent complete: 69.2%; Average loss: 1.1387  
Iteration: 2769; Percent complete: 69.2%; Average loss: 1.4308  
Iteration: 2770; Percent complete: 69.2%; Average loss: 1.4847  
Iteration: 2771; Percent complete: 69.3%; Average loss: 1.1920  
Iteration: 2772; Percent complete: 69.3%; Average loss: 1.1970  
Iteration: 2773; Percent complete: 69.3%; Average loss: 1.0099  
Iteration: 2774; Percent complete: 69.3%; Average loss: 1.2701  
Iteration: 2775; Percent complete: 69.4%; Average loss: 1.1441  
Iteration: 2776; Percent complete: 69.4%; Average loss: 1.0710  
Iteration: 2777; Percent complete: 69.4%; Average loss: 1.2097  
Iteration: 2778; Percent complete: 69.5%; Average loss: 1.2296  
Iteration: 2779; Percent complete: 69.5%; Average loss: 1.1841  
Iteration: 2780; Percent complete: 69.5%; Average loss: 1.2173  
Iteration: 2781; Percent complete: 69.5%; Average loss: 1.1693  
Iteration: 2782; Percent complete: 69.5%; Average loss: 1.1622  
Iteration: 2783; Percent complete: 69.6%; Average loss: 1.0123  
Iteration: 2784; Percent complete: 69.6%; Average loss: 0.9964  
Iteration: 2785; Percent complete: 69.6%; Average loss: 1.1489  
Iteration: 2786; Percent complete: 69.7%; Average loss: 1.1008  
Iteration: 2787; Percent complete: 69.7%; Average loss: 1.3541  
Iteration: 2788; Percent complete: 69.7%; Average loss: 1.1254  
Iteration: 2789; Percent complete: 69.7%; Average loss: 0.9407  
Iteration: 2790; Percent complete: 69.8%; Average loss: 1.1505  
Iteration: 2791; Percent complete: 69.8%; Average loss: 1.2706  
Iteration: 2792; Percent complete: 69.8%; Average loss: 1.2827  
Iteration: 2793; Percent complete: 69.8%; Average loss: 1.1948  
Iteration: 2794; Percent complete: 69.8%; Average loss: 1.1508  
Iteration: 2795; Percent complete: 69.9%; Average loss: 1.0790  
Iteration: 2796; Percent complete: 69.9%; Average loss: 1.3483  
Iteration: 2797; Percent complete: 69.9%; Average loss: 1.1196  
Iteration: 2798; Percent complete: 70.0%; Average loss: 1.1174  
Iteration: 2799; Percent complete: 70.0%; Average loss: 1.2167  
Iteration: 2800; Percent complete: 70.0%; Average loss: 1.2672  
Iteration: 2801; Percent complete: 70.0%; Average loss: 1.1579  
Iteration: 2802; Percent complete: 70.0%; Average loss: 1.1660  
Iteration: 2803; Percent complete: 70.1%; Average loss: 1.1149  
Iteration: 2804; Percent complete: 70.1%; Average loss: 1.1821  
Iteration: 2805; Percent complete: 70.1%; Average loss: 1.1248  
Iteration: 2806; Percent complete: 70.2%; Average loss: 1.3254  
Iteration: 2807; Percent complete: 70.2%; Average loss: 1.1051  
Iteration: 2808; Percent complete: 70.2%; Average loss: 1.0379  
Iteration: 2809; Percent complete: 70.2%; Average loss: 1.1845  
Iteration: 2810; Percent complete: 70.2%; Average loss: 1.0670  
Iteration: 2811; Percent complete: 70.3%; Average loss: 1.2183  
Iteration: 2812; Percent complete: 70.3%; Average loss: 1.1352  
Iteration: 2813; Percent complete: 70.3%; Average loss: 1.0815  
Iteration: 2814; Percent complete: 70.3%; Average loss: 1.1744  
Iteration: 2815; Percent complete: 70.4%; Average loss: 1.2226



Iteration: 2907; Percent complete: 72.7%; Average loss: 1.1340  
Iteration: 2908; Percent complete: 72.7%; Average loss: 1.0744  
Iteration: 2909; Percent complete: 72.7%; Average loss: 1.3483  
Iteration: 2910; Percent complete: 72.8%; Average loss: 1.1105  
Iteration: 2911; Percent complete: 72.8%; Average loss: 0.9389  
Iteration: 2912; Percent complete: 72.8%; Average loss: 1.1863  
Iteration: 2913; Percent complete: 72.8%; Average loss: 1.2342  
Iteration: 2914; Percent complete: 72.9%; Average loss: 1.0759  
Iteration: 2915; Percent complete: 72.9%; Average loss: 1.0098  
Iteration: 2916; Percent complete: 72.9%; Average loss: 1.0781  
Iteration: 2917; Percent complete: 72.9%; Average loss: 1.1325  
Iteration: 2918; Percent complete: 73.0%; Average loss: 1.1263  
Iteration: 2919; Percent complete: 73.0%; Average loss: 0.9563  
Iteration: 2920; Percent complete: 73.0%; Average loss: 1.1594  
Iteration: 2921; Percent complete: 73.0%; Average loss: 1.2114  
Iteration: 2922; Percent complete: 73.0%; Average loss: 1.2359  
Iteration: 2923; Percent complete: 73.1%; Average loss: 1.2233  
Iteration: 2924; Percent complete: 73.1%; Average loss: 1.2251  
Iteration: 2925; Percent complete: 73.1%; Average loss: 1.3104  
Iteration: 2926; Percent complete: 73.2%; Average loss: 1.0841  
Iteration: 2927; Percent complete: 73.2%; Average loss: 1.1832  
Iteration: 2928; Percent complete: 73.2%; Average loss: 1.1405  
Iteration: 2929; Percent complete: 73.2%; Average loss: 1.0603  
Iteration: 2930; Percent complete: 73.2%; Average loss: 1.2034  
Iteration: 2931; Percent complete: 73.3%; Average loss: 0.9701  
Iteration: 2932; Percent complete: 73.3%; Average loss: 1.1352  
Iteration: 2933; Percent complete: 73.3%; Average loss: 1.2252  
Iteration: 2934; Percent complete: 73.4%; Average loss: 1.1418  
Iteration: 2935; Percent complete: 73.4%; Average loss: 1.1388  
Iteration: 2936; Percent complete: 73.4%; Average loss: 1.0142  
Iteration: 2937; Percent complete: 73.4%; Average loss: 1.1380  
Iteration: 2938; Percent complete: 73.5%; Average loss: 1.3244  
Iteration: 2939; Percent complete: 73.5%; Average loss: 1.0747  
Iteration: 2940; Percent complete: 73.5%; Average loss: 1.0686  
Iteration: 2941; Percent complete: 73.5%; Average loss: 1.2255  
Iteration: 2942; Percent complete: 73.6%; Average loss: 0.9946  
Iteration: 2943; Percent complete: 73.6%; Average loss: 1.2819  
Iteration: 2944; Percent complete: 73.6%; Average loss: 1.0241  
Iteration: 2945; Percent complete: 73.6%; Average loss: 1.1856  
Iteration: 2946; Percent complete: 73.7%; Average loss: 1.1184  
Iteration: 2947; Percent complete: 73.7%; Average loss: 0.9680  
Iteration: 2948; Percent complete: 73.7%; Average loss: 1.1402  
Iteration: 2949; Percent complete: 73.7%; Average loss: 1.1718  
Iteration: 2950; Percent complete: 73.8%; Average loss: 1.0780  
Iteration: 2951; Percent complete: 73.8%; Average loss: 1.1620  
Iteration: 2952; Percent complete: 73.8%; Average loss: 1.2359  
Iteration: 2953; Percent complete: 73.8%; Average loss: 1.0824  
Iteration: 2954; Percent complete: 73.9%; Average loss: 1.3143  
Iteration: 2955; Percent complete: 73.9%; Average loss: 1.1282  
Iteration: 2956; Percent complete: 73.9%; Average loss: 1.1734  
Iteration: 2957; Percent complete: 73.9%; Average loss: 1.2093  
Iteration: 2958; Percent complete: 74.0%; Average loss: 1.1161  
Iteration: 2959; Percent complete: 74.0%; Average loss: 1.1808  
Iteration: 2960; Percent complete: 74.0%; Average loss: 1.1273  
Iteration: 2961; Percent complete: 74.0%; Average loss: 1.0546  
Iteration: 2962; Percent complete: 74.1%; Average loss: 1.1994  
Iteration: 2963; Percent complete: 74.1%; Average loss: 1.0428  
Iteration: 2964; Percent complete: 74.1%; Average loss: 1.2017  
Iteration: 2965; Percent complete: 74.1%; Average loss: 1.1575  
Iteration: 2966; Percent complete: 74.2%; Average loss: 1.3281  
Iteration: 2967; Percent complete: 74.2%; Average loss: 1.0727  
Iteration: 2968; Percent complete: 74.2%; Average loss: 1.1673  
Iteration: 2969; Percent complete: 74.2%; Average loss: 1.1431  
Iteration: 2970; Percent complete: 74.2%; Average loss: 1.0779  
Iteration: 2971; Percent complete: 74.3%; Average loss: 1.1585  
Iteration: 2972; Percent complete: 74.3%; Average loss: 1.0820  
Iteration: 2973; Percent complete: 74.3%; Average loss: 1.0873  
Iteration: 2974; Percent complete: 74.4%; Average loss: 1.1707  
Iteration: 2975; Percent complete: 74.4%; Average loss: 1.3888  
Iteration: 2976; Percent complete: 74.4%; Average loss: 1.4849  
Iteration: 2977; Percent complete: 74.4%; Average loss: 1.3686  
Iteration: 2978; Percent complete: 74.5%; Average loss: 1.2967  
Iteration: 2979; Percent complete: 74.5%; Average loss: 1.1965  
Iteration: 2980; Percent complete: 74.5%; Average loss: 1.0417  
Iteration: 2981; Percent complete: 74.5%; Average loss: 1.0261  
Iteration: 2982; Percent complete: 74.6%; Average loss: 1.2604  
Iteration: 2983; Percent complete: 74.6%; Average loss: 1.2635  
Iteration: 2984; Percent complete: 74.6%; Average loss: 1.1675  
Iteration: 2985; Percent complete: 74.6%; Average loss: 1.2027  
Iteration: 2986; Percent complete: 74.7%; Average loss: 0.9538  
Iteration: 2987; Percent complete: 74.7%; Average loss: 1.1668  
Iteration: 2988; Percent complete: 74.7%; Average loss: 1.1828  
Iteration: 2989; Percent complete: 74.7%; Average loss: 1.1159  
Iteration: 2990; Percent complete: 74.8%; Average loss: 1.2487  
Iteration: 2991; Percent complete: 74.8%; Average loss: 1.1443  
Iteration: 2992; Percent complete: 74.8%; Average loss: 1.1309  
Iteration: 2993; Percent complete: 74.8%; Average loss: 1.0789  
Iteration: 2994; Percent complete: 74.9%; Average loss: 1.1301  
Iteration: 2995; Percent complete: 74.9%; Average loss: 0.9441  
Iteration: 2996; Percent complete: 74.9%; Average loss: 1.0684  
Iteration: 2997; Percent complete: 74.9%; Average loss: 1.1054

Iteration: 2998; Percent complete: 75.0%; Average loss: 1.2264  
Iteration: 2999; Percent complete: 75.0%; Average loss: 1.1924  
Iteration: 3000; Percent complete: 75.0%; Average loss: 1.3095  
Iteration: 3001; Percent complete: 75.0%; Average loss: 1.1429  
Iteration: 3002; Percent complete: 75.0%; Average loss: 1.1004  
Iteration: 3003; Percent complete: 75.1%; Average loss: 1.0399  
Iteration: 3004; Percent complete: 75.1%; Average loss: 1.2292  
Iteration: 3005; Percent complete: 75.1%; Average loss: 1.2528  
Iteration: 3006; Percent complete: 75.1%; Average loss: 1.0313  
Iteration: 3007; Percent complete: 75.2%; Average loss: 1.0689  
Iteration: 3008; Percent complete: 75.2%; Average loss: 1.0541  
Iteration: 3009; Percent complete: 75.2%; Average loss: 1.1090  
Iteration: 3010; Percent complete: 75.2%; Average loss: 1.1602  
Iteration: 3011; Percent complete: 75.3%; Average loss: 1.1107  
Iteration: 3012; Percent complete: 75.3%; Average loss: 1.2074  
Iteration: 3013; Percent complete: 75.3%; Average loss: 1.2309  
Iteration: 3014; Percent complete: 75.3%; Average loss: 1.1831  
Iteration: 3015; Percent complete: 75.4%; Average loss: 1.2204  
Iteration: 3016; Percent complete: 75.4%; Average loss: 1.1580  
Iteration: 3017; Percent complete: 75.4%; Average loss: 0.9846  
Iteration: 3018; Percent complete: 75.4%; Average loss: 1.2601  
Iteration: 3019; Percent complete: 75.5%; Average loss: 1.1474  
Iteration: 3020; Percent complete: 75.5%; Average loss: 1.0647  
Iteration: 3021; Percent complete: 75.5%; Average loss: 1.2076  
Iteration: 3022; Percent complete: 75.5%; Average loss: 1.1077  
Iteration: 3023; Percent complete: 75.6%; Average loss: 1.0118  
Iteration: 3024; Percent complete: 75.6%; Average loss: 1.0960  
Iteration: 3025; Percent complete: 75.6%; Average loss: 1.1051  
Iteration: 3026; Percent complete: 75.6%; Average loss: 0.9745  
Iteration: 3027; Percent complete: 75.7%; Average loss: 1.3577  
Iteration: 3028; Percent complete: 75.7%; Average loss: 1.1933  
Iteration: 3029; Percent complete: 75.7%; Average loss: 1.0803  
Iteration: 3030; Percent complete: 75.8%; Average loss: 1.1533  
Iteration: 3031; Percent complete: 75.8%; Average loss: 1.0568  
Iteration: 3032; Percent complete: 75.8%; Average loss: 1.1064  
Iteration: 3033; Percent complete: 75.8%; Average loss: 1.1761  
Iteration: 3034; Percent complete: 75.8%; Average loss: 0.9660  
Iteration: 3035; Percent complete: 75.9%; Average loss: 1.0985  
Iteration: 3036; Percent complete: 75.9%; Average loss: 1.0193  
Iteration: 3037; Percent complete: 75.9%; Average loss: 1.2106  
Iteration: 3038; Percent complete: 75.9%; Average loss: 1.0734  
Iteration: 3039; Percent complete: 76.0%; Average loss: 1.1087  
Iteration: 3040; Percent complete: 76.0%; Average loss: 0.9661  
Iteration: 3041; Percent complete: 76.0%; Average loss: 1.2694  
Iteration: 3042; Percent complete: 76.0%; Average loss: 1.2274  
Iteration: 3043; Percent complete: 76.1%; Average loss: 1.0559  
Iteration: 3044; Percent complete: 76.1%; Average loss: 1.1115  
Iteration: 3045; Percent complete: 76.1%; Average loss: 1.2092  
Iteration: 3046; Percent complete: 76.1%; Average loss: 1.2807  
Iteration: 3047; Percent complete: 76.2%; Average loss: 1.0205  
Iteration: 3048; Percent complete: 76.2%; Average loss: 1.1231  
Iteration: 3049; Percent complete: 76.2%; Average loss: 1.1817  
Iteration: 3050; Percent complete: 76.2%; Average loss: 1.2062  
Iteration: 3051; Percent complete: 76.3%; Average loss: 1.1737  
Iteration: 3052; Percent complete: 76.3%; Average loss: 1.1249  
Iteration: 3053; Percent complete: 76.3%; Average loss: 1.1214  
Iteration: 3054; Percent complete: 76.3%; Average loss: 1.1621  
Iteration: 3055; Percent complete: 76.4%; Average loss: 0.9483  
Iteration: 3056; Percent complete: 76.4%; Average loss: 1.1455  
Iteration: 3057; Percent complete: 76.4%; Average loss: 1.2226  
Iteration: 3058; Percent complete: 76.4%; Average loss: 0.8793  
Iteration: 3059; Percent complete: 76.5%; Average loss: 1.1613  
Iteration: 3060; Percent complete: 76.5%; Average loss: 1.1369  
Iteration: 3061; Percent complete: 76.5%; Average loss: 1.1605  
Iteration: 3062; Percent complete: 76.5%; Average loss: 1.4429  
Iteration: 3063; Percent complete: 76.6%; Average loss: 1.1163  
Iteration: 3064; Percent complete: 76.6%; Average loss: 1.2016  
Iteration: 3065; Percent complete: 76.6%; Average loss: 1.1772  
Iteration: 3066; Percent complete: 76.6%; Average loss: 1.2367  
Iteration: 3067; Percent complete: 76.7%; Average loss: 1.2379  
Iteration: 3068; Percent complete: 76.7%; Average loss: 1.2809  
Iteration: 3069; Percent complete: 76.7%; Average loss: 1.0988  
Iteration: 3070; Percent complete: 76.8%; Average loss: 1.2424  
Iteration: 3071; Percent complete: 76.8%; Average loss: 0.9766  
Iteration: 3072; Percent complete: 76.8%; Average loss: 1.0847  
Iteration: 3073; Percent complete: 76.8%; Average loss: 1.1634  
Iteration: 3074; Percent complete: 76.8%; Average loss: 1.1491  
Iteration: 3075; Percent complete: 76.9%; Average loss: 1.0577  
Iteration: 3076; Percent complete: 76.9%; Average loss: 1.0644  
Iteration: 3077; Percent complete: 76.9%; Average loss: 1.1075  
Iteration: 3078; Percent complete: 77.0%; Average loss: 1.0265  
Iteration: 3079; Percent complete: 77.0%; Average loss: 1.1679  
Iteration: 3080; Percent complete: 77.0%; Average loss: 1.2933  
Iteration: 3081; Percent complete: 77.0%; Average loss: 1.3095  
Iteration: 3082; Percent complete: 77.0%; Average loss: 1.1203  
Iteration: 3083; Percent complete: 77.1%; Average loss: 1.2251  
Iteration: 3084; Percent complete: 77.1%; Average loss: 1.2768  
Iteration: 3085; Percent complete: 77.1%; Average loss: 1.2310  
Iteration: 3086; Percent complete: 77.1%; Average loss: 1.1194  
Iteration: 3087; Percent complete: 77.2%; Average loss: 1.0926  
Iteration: 3088; Percent complete: 77.2%; Average loss: 1.1377  
Iteration: 3089; Percent complete: 77.2%; Average loss: 1.0256

Iteration: 3089; Percent complete: 77.2%; Average loss: 1.0258  
Iteration: 3090; Percent complete: 77.2%; Average loss: 1.3192  
Iteration: 3091; Percent complete: 77.3%; Average loss: 0.9850  
Iteration: 3092; Percent complete: 77.3%; Average loss: 1.1079  
Iteration: 3093; Percent complete: 77.3%; Average loss: 1.2239  
Iteration: 3094; Percent complete: 77.3%; Average loss: 1.0558  
Iteration: 3095; Percent complete: 77.4%; Average loss: 1.0734  
Iteration: 3096; Percent complete: 77.4%; Average loss: 1.0695  
Iteration: 3097; Percent complete: 77.4%; Average loss: 1.1944  
Iteration: 3098; Percent complete: 77.5%; Average loss: 0.9426  
Iteration: 3099; Percent complete: 77.5%; Average loss: 1.1195  
Iteration: 3100; Percent complete: 77.5%; Average loss: 0.8972  
Iteration: 3101; Percent complete: 77.5%; Average loss: 1.0290  
Iteration: 3102; Percent complete: 77.5%; Average loss: 1.0825  
Iteration: 3103; Percent complete: 77.6%; Average loss: 0.9662  
Iteration: 3104; Percent complete: 77.6%; Average loss: 0.9948  
Iteration: 3105; Percent complete: 77.6%; Average loss: 1.1073  
Iteration: 3106; Percent complete: 77.6%; Average loss: 1.1036  
Iteration: 3107; Percent complete: 77.7%; Average loss: 1.2134  
Iteration: 3108; Percent complete: 77.7%; Average loss: 1.4692  
Iteration: 3109; Percent complete: 77.7%; Average loss: 0.9485  
Iteration: 3110; Percent complete: 77.8%; Average loss: 0.9905  
Iteration: 3111; Percent complete: 77.8%; Average loss: 1.1267  
Iteration: 3112; Percent complete: 77.8%; Average loss: 1.0946  
Iteration: 3113; Percent complete: 77.8%; Average loss: 1.0826  
Iteration: 3114; Percent complete: 77.8%; Average loss: 1.1342  
Iteration: 3115; Percent complete: 77.9%; Average loss: 0.9824  
Iteration: 3116; Percent complete: 77.9%; Average loss: 1.0965  
Iteration: 3117; Percent complete: 77.9%; Average loss: 1.1011  
Iteration: 3118; Percent complete: 78.0%; Average loss: 1.2071  
Iteration: 3119; Percent complete: 78.0%; Average loss: 1.1685  
Iteration: 3120; Percent complete: 78.0%; Average loss: 1.1549  
Iteration: 3121; Percent complete: 78.0%; Average loss: 1.1328  
Iteration: 3122; Percent complete: 78.0%; Average loss: 1.1114  
Iteration: 3123; Percent complete: 78.1%; Average loss: 1.1123  
Iteration: 3124; Percent complete: 78.1%; Average loss: 1.1045  
Iteration: 3125; Percent complete: 78.1%; Average loss: 1.2904  
Iteration: 3126; Percent complete: 78.1%; Average loss: 1.1613  
Iteration: 3127; Percent complete: 78.2%; Average loss: 1.0215  
Iteration: 3128; Percent complete: 78.2%; Average loss: 1.1255  
Iteration: 3129; Percent complete: 78.2%; Average loss: 1.0820  
Iteration: 3130; Percent complete: 78.2%; Average loss: 1.2570  
Iteration: 3131; Percent complete: 78.3%; Average loss: 1.1522  
Iteration: 3132; Percent complete: 78.3%; Average loss: 1.3251  
Iteration: 3133; Percent complete: 78.3%; Average loss: 0.8394  
Iteration: 3134; Percent complete: 78.3%; Average loss: 1.0275  
Iteration: 3135; Percent complete: 78.4%; Average loss: 1.2014  
Iteration: 3136; Percent complete: 78.4%; Average loss: 1.1901  
Iteration: 3137; Percent complete: 78.4%; Average loss: 1.1922  
Iteration: 3138; Percent complete: 78.5%; Average loss: 1.2834  
Iteration: 3139; Percent complete: 78.5%; Average loss: 1.2229  
Iteration: 3140; Percent complete: 78.5%; Average loss: 1.1112  
Iteration: 3141; Percent complete: 78.5%; Average loss: 1.1378  
Iteration: 3142; Percent complete: 78.5%; Average loss: 1.0252  
Iteration: 3143; Percent complete: 78.6%; Average loss: 1.3235  
Iteration: 3144; Percent complete: 78.6%; Average loss: 1.1289  
Iteration: 3145; Percent complete: 78.6%; Average loss: 1.2346  
Iteration: 3146; Percent complete: 78.6%; Average loss: 1.1671  
Iteration: 3147; Percent complete: 78.7%; Average loss: 1.0717  
Iteration: 3148; Percent complete: 78.7%; Average loss: 1.2098  
Iteration: 3149; Percent complete: 78.7%; Average loss: 1.0887  
Iteration: 3150; Percent complete: 78.8%; Average loss: 1.0707  
Iteration: 3151; Percent complete: 78.8%; Average loss: 1.1466  
Iteration: 3152; Percent complete: 78.8%; Average loss: 1.0629  
Iteration: 3153; Percent complete: 78.8%; Average loss: 1.0611  
Iteration: 3154; Percent complete: 78.8%; Average loss: 1.1763  
Iteration: 3155; Percent complete: 78.9%; Average loss: 1.2609  
Iteration: 3156; Percent complete: 78.9%; Average loss: 1.1760  
Iteration: 3157; Percent complete: 78.9%; Average loss: 1.0187  
Iteration: 3158; Percent complete: 79.0%; Average loss: 1.1504  
Iteration: 3159; Percent complete: 79.0%; Average loss: 1.1660  
Iteration: 3160; Percent complete: 79.0%; Average loss: 1.2514  
Iteration: 3161; Percent complete: 79.0%; Average loss: 1.1299  
Iteration: 3162; Percent complete: 79.0%; Average loss: 1.0894  
Iteration: 3163; Percent complete: 79.1%; Average loss: 1.0876  
Iteration: 3164; Percent complete: 79.1%; Average loss: 1.1380  
Iteration: 3165; Percent complete: 79.1%; Average loss: 1.1774  
Iteration: 3166; Percent complete: 79.1%; Average loss: 1.1766  
Iteration: 3167; Percent complete: 79.2%; Average loss: 1.2459  
Iteration: 3168; Percent complete: 79.2%; Average loss: 1.2553  
Iteration: 3169; Percent complete: 79.2%; Average loss: 1.1025  
Iteration: 3170; Percent complete: 79.2%; Average loss: 1.2234  
Iteration: 3171; Percent complete: 79.3%; Average loss: 1.0275  
Iteration: 3172; Percent complete: 79.3%; Average loss: 0.8454  
Iteration: 3173; Percent complete: 79.3%; Average loss: 1.2890  
Iteration: 3174; Percent complete: 79.3%; Average loss: 1.3593  
Iteration: 3175; Percent complete: 79.4%; Average loss: 1.3364  
Iteration: 3176; Percent complete: 79.4%; Average loss: 1.0116  
Iteration: 3177; Percent complete: 79.4%; Average loss: 1.3404  
Iteration: 3178; Percent complete: 79.5%; Average loss: 1.0238  
Iteration: 3179; Percent complete: 79.5%; Average loss: 1.1654  
Iteration: 3180; Percent complete: 79.5%; Average loss: 1.1168



Iteration: 3180; Percent complete: 79.5%; Average loss: 1.1488  
Iteration: 3181; Percent complete: 79.5%; Average loss: 1.1484  
Iteration: 3182; Percent complete: 79.5%; Average loss: 1.0601  
Iteration: 3183; Percent complete: 79.6%; Average loss: 1.0543  
Iteration: 3184; Percent complete: 79.6%; Average loss: 1.1843  
Iteration: 3185; Percent complete: 79.6%; Average loss: 1.0603  
Iteration: 3186; Percent complete: 79.7%; Average loss: 1.1162  
Iteration: 3187; Percent complete: 79.7%; Average loss: 1.1420  
Iteration: 3188; Percent complete: 79.7%; Average loss: 1.1650  
Iteration: 3189; Percent complete: 79.7%; Average loss: 1.1237  
Iteration: 3190; Percent complete: 79.8%; Average loss: 1.1452  
Iteration: 3191; Percent complete: 79.8%; Average loss: 0.9917  
Iteration: 3192; Percent complete: 79.8%; Average loss: 1.0273  
Iteration: 3193; Percent complete: 79.8%; Average loss: 0.9911  
Iteration: 3194; Percent complete: 79.8%; Average loss: 0.9407  
Iteration: 3195; Percent complete: 79.9%; Average loss: 1.2370  
Iteration: 3196; Percent complete: 79.9%; Average loss: 1.1688  
Iteration: 3197; Percent complete: 79.9%; Average loss: 1.1554  
Iteration: 3198; Percent complete: 80.0%; Average loss: 1.1298  
Iteration: 3199; Percent complete: 80.0%; Average loss: 1.2004  
Iteration: 3200; Percent complete: 80.0%; Average loss: 1.1707  
Iteration: 3201; Percent complete: 80.0%; Average loss: 1.2580  
Iteration: 3202; Percent complete: 80.0%; Average loss: 0.9725  
Iteration: 3203; Percent complete: 80.1%; Average loss: 1.3084  
Iteration: 3204; Percent complete: 80.1%; Average loss: 1.2367  
Iteration: 3205; Percent complete: 80.1%; Average loss: 1.2230  
Iteration: 3206; Percent complete: 80.2%; Average loss: 1.0184  
Iteration: 3207; Percent complete: 80.2%; Average loss: 1.2333  
Iteration: 3208; Percent complete: 80.2%; Average loss: 1.3359  
Iteration: 3209; Percent complete: 80.2%; Average loss: 1.0077  
Iteration: 3210; Percent complete: 80.2%; Average loss: 1.2948  
Iteration: 3211; Percent complete: 80.3%; Average loss: 1.3932  
Iteration: 3212; Percent complete: 80.3%; Average loss: 1.1728  
Iteration: 3213; Percent complete: 80.3%; Average loss: 1.2985  
Iteration: 3214; Percent complete: 80.3%; Average loss: 1.0893  
Iteration: 3215; Percent complete: 80.4%; Average loss: 1.2510  
Iteration: 3216; Percent complete: 80.4%; Average loss: 1.1677  
Iteration: 3217; Percent complete: 80.4%; Average loss: 0.9495  
Iteration: 3218; Percent complete: 80.5%; Average loss: 1.1317  
Iteration: 3219; Percent complete: 80.5%; Average loss: 1.2977  
Iteration: 3220; Percent complete: 80.5%; Average loss: 1.0640  
Iteration: 3221; Percent complete: 80.5%; Average loss: 1.0399  
Iteration: 3222; Percent complete: 80.5%; Average loss: 1.0399  
Iteration: 3223; Percent complete: 80.6%; Average loss: 0.9721  
Iteration: 3224; Percent complete: 80.6%; Average loss: 1.1523  
Iteration: 3225; Percent complete: 80.6%; Average loss: 1.1758  
Iteration: 3226; Percent complete: 80.7%; Average loss: 1.4463  
Iteration: 3227; Percent complete: 80.7%; Average loss: 1.3786  
Iteration: 3228; Percent complete: 80.7%; Average loss: 1.1671  
Iteration: 3229; Percent complete: 80.7%; Average loss: 1.2588  
Iteration: 3230; Percent complete: 80.8%; Average loss: 1.1197  
Iteration: 3231; Percent complete: 80.8%; Average loss: 1.3339  
Iteration: 3232; Percent complete: 80.8%; Average loss: 1.2043  
Iteration: 3233; Percent complete: 80.8%; Average loss: 0.9771  
Iteration: 3234; Percent complete: 80.8%; Average loss: 1.0275  
Iteration: 3235; Percent complete: 80.9%; Average loss: 1.0758  
Iteration: 3236; Percent complete: 80.9%; Average loss: 1.0801  
Iteration: 3237; Percent complete: 80.9%; Average loss: 1.1994  
Iteration: 3238; Percent complete: 81.0%; Average loss: 1.1375  
Iteration: 3239; Percent complete: 81.0%; Average loss: 1.2548  
Iteration: 3240; Percent complete: 81.0%; Average loss: 1.0801  
Iteration: 3241; Percent complete: 81.0%; Average loss: 1.1771  
Iteration: 3242; Percent complete: 81.0%; Average loss: 1.3528  
Iteration: 3243; Percent complete: 81.1%; Average loss: 1.2377  
Iteration: 3244; Percent complete: 81.1%; Average loss: 1.0628  
Iteration: 3245; Percent complete: 81.1%; Average loss: 1.5061  
Iteration: 3246; Percent complete: 81.2%; Average loss: 1.0405  
Iteration: 3247; Percent complete: 81.2%; Average loss: 1.0579  
Iteration: 3248; Percent complete: 81.2%; Average loss: 1.1052  
Iteration: 3249; Percent complete: 81.2%; Average loss: 1.2322  
Iteration: 3250; Percent complete: 81.2%; Average loss: 1.0671  
Iteration: 3251; Percent complete: 81.3%; Average loss: 1.1685  
Iteration: 3252; Percent complete: 81.3%; Average loss: 0.9869  
Iteration: 3253; Percent complete: 81.3%; Average loss: 1.0859  
Iteration: 3254; Percent complete: 81.3%; Average loss: 1.0559  
Iteration: 3255; Percent complete: 81.4%; Average loss: 1.2373  
Iteration: 3256; Percent complete: 81.4%; Average loss: 1.0987  
Iteration: 3257; Percent complete: 81.4%; Average loss: 0.9690  
Iteration: 3258; Percent complete: 81.5%; Average loss: 1.2115  
Iteration: 3259; Percent complete: 81.5%; Average loss: 1.3993  
Iteration: 3260; Percent complete: 81.5%; Average loss: 1.4547  
Iteration: 3261; Percent complete: 81.5%; Average loss: 1.2722  
Iteration: 3262; Percent complete: 81.5%; Average loss: 0.9784  
Iteration: 3263; Percent complete: 81.6%; Average loss: 1.1715  
Iteration: 3264; Percent complete: 81.6%; Average loss: 1.1137  
Iteration: 3265; Percent complete: 81.6%; Average loss: 1.2092  
Iteration: 3266; Percent complete: 81.7%; Average loss: 1.3393  
Iteration: 3267; Percent complete: 81.7%; Average loss: 1.1852  
Iteration: 3268; Percent complete: 81.7%; Average loss: 1.0955  
Iteration: 3269; Percent complete: 81.7%; Average loss: 1.1133  
Iteration: 3270; Percent complete: 81.8%; Average loss: 1.0819  
Iteration: 3271; Percent complete: 81.8%; Average loss: 1.2288

Iteration: 3272; Percent complete: 81.8%; Average loss: 1.0741  
Iteration: 3273; Percent complete: 81.8%; Average loss: 0.9316  
Iteration: 3274; Percent complete: 81.8%; Average loss: 1.1101  
Iteration: 3275; Percent complete: 81.9%; Average loss: 1.2210  
Iteration: 3276; Percent complete: 81.9%; Average loss: 1.0510  
Iteration: 3277; Percent complete: 81.9%; Average loss: 1.2212  
Iteration: 3278; Percent complete: 82.0%; Average loss: 1.4746  
Iteration: 3279; Percent complete: 82.0%; Average loss: 1.1700  
Iteration: 3280; Percent complete: 82.0%; Average loss: 0.9118  
Iteration: 3281; Percent complete: 82.0%; Average loss: 1.1548  
Iteration: 3282; Percent complete: 82.0%; Average loss: 1.2363  
Iteration: 3283; Percent complete: 82.1%; Average loss: 1.2006  
Iteration: 3284; Percent complete: 82.1%; Average loss: 1.2454  
Iteration: 3285; Percent complete: 82.1%; Average loss: 1.2024  
Iteration: 3286; Percent complete: 82.2%; Average loss: 1.3384  
Iteration: 3287; Percent complete: 82.2%; Average loss: 1.0429  
Iteration: 3288; Percent complete: 82.2%; Average loss: 1.0847  
Iteration: 3289; Percent complete: 82.2%; Average loss: 1.1760  
Iteration: 3290; Percent complete: 82.2%; Average loss: 1.1294  
Iteration: 3291; Percent complete: 82.3%; Average loss: 1.1784  
Iteration: 3292; Percent complete: 82.3%; Average loss: 0.9851  
Iteration: 3293; Percent complete: 82.3%; Average loss: 1.0914  
Iteration: 3294; Percent complete: 82.3%; Average loss: 1.0336  
Iteration: 3295; Percent complete: 82.4%; Average loss: 1.3678  
Iteration: 3296; Percent complete: 82.4%; Average loss: 1.2688  
Iteration: 3297; Percent complete: 82.4%; Average loss: 1.2417  
Iteration: 3298; Percent complete: 82.5%; Average loss: 1.3297  
Iteration: 3299; Percent complete: 82.5%; Average loss: 1.0923  
Iteration: 3300; Percent complete: 82.5%; Average loss: 1.1869  
Iteration: 3301; Percent complete: 82.5%; Average loss: 1.1991  
Iteration: 3302; Percent complete: 82.5%; Average loss: 1.1322  
Iteration: 3303; Percent complete: 82.6%; Average loss: 1.0951  
Iteration: 3304; Percent complete: 82.6%; Average loss: 1.3215  
Iteration: 3305; Percent complete: 82.6%; Average loss: 1.2377  
Iteration: 3306; Percent complete: 82.7%; Average loss: 1.0212  
Iteration: 3307; Percent complete: 82.7%; Average loss: 1.0409  
Iteration: 3308; Percent complete: 82.7%; Average loss: 1.2372  
Iteration: 3309; Percent complete: 82.7%; Average loss: 1.0975  
Iteration: 3310; Percent complete: 82.8%; Average loss: 1.2430  
Iteration: 3311; Percent complete: 82.8%; Average loss: 1.3823  
Iteration: 3312; Percent complete: 82.8%; Average loss: 1.1038  
Iteration: 3313; Percent complete: 82.8%; Average loss: 1.2753  
Iteration: 3314; Percent complete: 82.8%; Average loss: 1.0668  
Iteration: 3315; Percent complete: 82.9%; Average loss: 1.3422  
Iteration: 3316; Percent complete: 82.9%; Average loss: 1.2391  
Iteration: 3317; Percent complete: 82.9%; Average loss: 1.1207  
Iteration: 3318; Percent complete: 83.0%; Average loss: 1.0829  
Iteration: 3319; Percent complete: 83.0%; Average loss: 1.2652  
Iteration: 3320; Percent complete: 83.0%; Average loss: 0.9598  
Iteration: 3321; Percent complete: 83.0%; Average loss: 1.0259  
Iteration: 3322; Percent complete: 83.0%; Average loss: 1.1348  
Iteration: 3323; Percent complete: 83.1%; Average loss: 1.0287  
Iteration: 3324; Percent complete: 83.1%; Average loss: 0.9198  
Iteration: 3325; Percent complete: 83.1%; Average loss: 1.3360  
Iteration: 3326; Percent complete: 83.2%; Average loss: 0.9799  
Iteration: 3327; Percent complete: 83.2%; Average loss: 1.0871  
Iteration: 3328; Percent complete: 83.2%; Average loss: 0.9880  
Iteration: 3329; Percent complete: 83.2%; Average loss: 1.0695  
Iteration: 3330; Percent complete: 83.2%; Average loss: 1.2342  
Iteration: 3331; Percent complete: 83.3%; Average loss: 1.2841  
Iteration: 3332; Percent complete: 83.3%; Average loss: 1.1367  
Iteration: 3333; Percent complete: 83.3%; Average loss: 1.0267  
Iteration: 3334; Percent complete: 83.4%; Average loss: 1.1090  
Iteration: 3335; Percent complete: 83.4%; Average loss: 1.1924  
Iteration: 3336; Percent complete: 83.4%; Average loss: 1.2151  
Iteration: 3337; Percent complete: 83.4%; Average loss: 1.1725  
Iteration: 3338; Percent complete: 83.5%; Average loss: 1.3034  
Iteration: 3339; Percent complete: 83.5%; Average loss: 1.3340  
Iteration: 3340; Percent complete: 83.5%; Average loss: 1.2102  
Iteration: 3341; Percent complete: 83.5%; Average loss: 1.1011  
Iteration: 3342; Percent complete: 83.5%; Average loss: 0.9765  
Iteration: 3343; Percent complete: 83.6%; Average loss: 1.3436  
Iteration: 3344; Percent complete: 83.6%; Average loss: 1.0803  
Iteration: 3345; Percent complete: 83.6%; Average loss: 1.2196  
Iteration: 3346; Percent complete: 83.7%; Average loss: 1.0863  
Iteration: 3347; Percent complete: 83.7%; Average loss: 1.1421  
Iteration: 3348; Percent complete: 83.7%; Average loss: 1.1098  
Iteration: 3349; Percent complete: 83.7%; Average loss: 1.3576  
Iteration: 3350; Percent complete: 83.8%; Average loss: 1.1620  
Iteration: 3351; Percent complete: 83.8%; Average loss: 1.0824  
Iteration: 3352; Percent complete: 83.8%; Average loss: 0.9768  
Iteration: 3353; Percent complete: 83.8%; Average loss: 1.1481  
Iteration: 3354; Percent complete: 83.9%; Average loss: 1.1102  
Iteration: 3355; Percent complete: 83.9%; Average loss: 1.1658  
Iteration: 3356; Percent complete: 83.9%; Average loss: 1.0233  
Iteration: 3357; Percent complete: 83.9%; Average loss: 1.0017  
Iteration: 3358; Percent complete: 84.0%; Average loss: 1.1821  
Iteration: 3359; Percent complete: 84.0%; Average loss: 1.2035  
Iteration: 3360; Percent complete: 84.0%; Average loss: 1.0477  
Iteration: 3361; Percent complete: 84.0%; Average loss: 1.1632  
Iteration: 3362; Percent complete: 84.0%; Average loss: 1.0868

Iteration: 3363; Percent complete: 84.1%; Average loss: 1.2892  
Iteration: 3364; Percent complete: 84.1%; Average loss: 1.1593  
Iteration: 3365; Percent complete: 84.1%; Average loss: 1.1605  
Iteration: 3366; Percent complete: 84.2%; Average loss: 1.1690  
Iteration: 3367; Percent complete: 84.2%; Average loss: 0.9563  
Iteration: 3368; Percent complete: 84.2%; Average loss: 1.1116  
Iteration: 3369; Percent complete: 84.2%; Average loss: 1.0798  
Iteration: 3370; Percent complete: 84.2%; Average loss: 1.1538  
Iteration: 3371; Percent complete: 84.3%; Average loss: 1.1602  
Iteration: 3372; Percent complete: 84.3%; Average loss: 1.0474  
Iteration: 3373; Percent complete: 84.3%; Average loss: 1.1200  
Iteration: 3374; Percent complete: 84.4%; Average loss: 1.1629  
Iteration: 3375; Percent complete: 84.4%; Average loss: 1.2055  
Iteration: 3376; Percent complete: 84.4%; Average loss: 1.0758  
Iteration: 3377; Percent complete: 84.4%; Average loss: 1.1919  
Iteration: 3378; Percent complete: 84.5%; Average loss: 1.0463  
Iteration: 3379; Percent complete: 84.5%; Average loss: 1.2389  
Iteration: 3380; Percent complete: 84.5%; Average loss: 1.1685  
Iteration: 3381; Percent complete: 84.5%; Average loss: 1.0302  
Iteration: 3382; Percent complete: 84.5%; Average loss: 1.1928  
Iteration: 3383; Percent complete: 84.6%; Average loss: 1.2888  
Iteration: 3384; Percent complete: 84.6%; Average loss: 1.1371  
Iteration: 3385; Percent complete: 84.6%; Average loss: 0.9852  
Iteration: 3386; Percent complete: 84.7%; Average loss: 1.3659  
Iteration: 3387; Percent complete: 84.7%; Average loss: 1.3541  
Iteration: 3388; Percent complete: 84.7%; Average loss: 1.1104  
Iteration: 3389; Percent complete: 84.7%; Average loss: 1.1925  
Iteration: 3390; Percent complete: 84.8%; Average loss: 1.0990  
Iteration: 3391; Percent complete: 84.8%; Average loss: 0.9263  
Iteration: 3392; Percent complete: 84.8%; Average loss: 1.0735  
Iteration: 3393; Percent complete: 84.8%; Average loss: 1.0176  
Iteration: 3394; Percent complete: 84.9%; Average loss: 1.2451  
Iteration: 3395; Percent complete: 84.9%; Average loss: 1.2592  
Iteration: 3396; Percent complete: 84.9%; Average loss: 0.9660  
Iteration: 3397; Percent complete: 84.9%; Average loss: 1.0231  
Iteration: 3398; Percent complete: 85.0%; Average loss: 1.0787  
Iteration: 3399; Percent complete: 85.0%; Average loss: 1.3229  
Iteration: 3400; Percent complete: 85.0%; Average loss: 1.3333  
Iteration: 3401; Percent complete: 85.0%; Average loss: 1.1023  
Iteration: 3402; Percent complete: 85.0%; Average loss: 1.1360  
Iteration: 3403; Percent complete: 85.1%; Average loss: 0.9128  
Iteration: 3404; Percent complete: 85.1%; Average loss: 1.2140  
Iteration: 3405; Percent complete: 85.1%; Average loss: 1.0639  
Iteration: 3406; Percent complete: 85.2%; Average loss: 1.1540  
Iteration: 3407; Percent complete: 85.2%; Average loss: 1.1561  
Iteration: 3408; Percent complete: 85.2%; Average loss: 1.2855  
Iteration: 3409; Percent complete: 85.2%; Average loss: 1.2858  
Iteration: 3410; Percent complete: 85.2%; Average loss: 1.1852  
Iteration: 3411; Percent complete: 85.3%; Average loss: 0.9627  
Iteration: 3412; Percent complete: 85.3%; Average loss: 1.0632  
Iteration: 3413; Percent complete: 85.3%; Average loss: 1.1027  
Iteration: 3414; Percent complete: 85.4%; Average loss: 0.9388  
Iteration: 3415; Percent complete: 85.4%; Average loss: 1.1043  
Iteration: 3416; Percent complete: 85.4%; Average loss: 0.9280  
Iteration: 3417; Percent complete: 85.4%; Average loss: 0.9906  
Iteration: 3418; Percent complete: 85.5%; Average loss: 1.0981  
Iteration: 3419; Percent complete: 85.5%; Average loss: 1.0947  
Iteration: 3420; Percent complete: 85.5%; Average loss: 1.3432  
Iteration: 3421; Percent complete: 85.5%; Average loss: 1.0932  
Iteration: 3422; Percent complete: 85.5%; Average loss: 1.3199  
Iteration: 3423; Percent complete: 85.6%; Average loss: 1.3138  
Iteration: 3424; Percent complete: 85.6%; Average loss: 1.1972  
Iteration: 3425; Percent complete: 85.6%; Average loss: 1.1159  
Iteration: 3426; Percent complete: 85.7%; Average loss: 1.1866  
Iteration: 3427; Percent complete: 85.7%; Average loss: 1.1783  
Iteration: 3428; Percent complete: 85.7%; Average loss: 1.1096  
Iteration: 3429; Percent complete: 85.7%; Average loss: 1.4334  
Iteration: 3430; Percent complete: 85.8%; Average loss: 1.1943  
Iteration: 3431; Percent complete: 85.8%; Average loss: 1.2464  
Iteration: 3432; Percent complete: 85.8%; Average loss: 0.8785  
Iteration: 3433; Percent complete: 85.8%; Average loss: 1.1980  
Iteration: 3434; Percent complete: 85.9%; Average loss: 0.9986  
Iteration: 3435; Percent complete: 85.9%; Average loss: 1.1817  
Iteration: 3436; Percent complete: 85.9%; Average loss: 1.1176  
Iteration: 3437; Percent complete: 85.9%; Average loss: 1.0294  
Iteration: 3438; Percent complete: 86.0%; Average loss: 1.0337  
Iteration: 3439; Percent complete: 86.0%; Average loss: 1.1154  
Iteration: 3440; Percent complete: 86.0%; Average loss: 1.0483  
Iteration: 3441; Percent complete: 86.0%; Average loss: 1.0151  
Iteration: 3442; Percent complete: 86.1%; Average loss: 1.2667  
Iteration: 3443; Percent complete: 86.1%; Average loss: 1.1765  
Iteration: 3444; Percent complete: 86.1%; Average loss: 1.0814  
Iteration: 3445; Percent complete: 86.1%; Average loss: 1.0212  
Iteration: 3446; Percent complete: 86.2%; Average loss: 1.0083  
Iteration: 3447; Percent complete: 86.2%; Average loss: 1.1821  
Iteration: 3448; Percent complete: 86.2%; Average loss: 1.2741  
Iteration: 3449; Percent complete: 86.2%; Average loss: 1.2208  
Iteration: 3450; Percent complete: 86.2%; Average loss: 1.0670  
Iteration: 3451; Percent complete: 86.3%; Average loss: 1.1342  
Iteration: 3452; Percent complete: 86.3%; Average loss: 1.1843  
Iteration: 3453; Percent complete: 86.3%; Average loss: 1.3169  
Iteration: 3454; Percent complete: 86.4%; Average loss: 1.2233

Iteration: 3454; Percent complete: 86.4%; Average loss: 0.9323  
Iteration: 3455; Percent complete: 86.4%; Average loss: 1.0514  
Iteration: 3456; Percent complete: 86.4%; Average loss: 1.1279  
Iteration: 3457; Percent complete: 86.4%; Average loss: 1.2709  
Iteration: 3458; Percent complete: 86.5%; Average loss: 0.9531  
Iteration: 3459; Percent complete: 86.5%; Average loss: 1.2588  
Iteration: 3460; Percent complete: 86.5%; Average loss: 1.1696  
Iteration: 3461; Percent complete: 86.5%; Average loss: 1.3127  
Iteration: 3462; Percent complete: 86.6%; Average loss: 1.1148  
Iteration: 3463; Percent complete: 86.6%; Average loss: 1.1273  
Iteration: 3464; Percent complete: 86.6%; Average loss: 1.0752  
Iteration: 3465; Percent complete: 86.6%; Average loss: 1.2393  
Iteration: 3466; Percent complete: 86.7%; Average loss: 1.1175  
Iteration: 3467; Percent complete: 86.7%; Average loss: 1.2322  
Iteration: 3468; Percent complete: 86.7%; Average loss: 1.2550  
Iteration: 3469; Percent complete: 86.7%; Average loss: 1.1809  
Iteration: 3470; Percent complete: 86.8%; Average loss: 1.2217  
Iteration: 3471; Percent complete: 86.8%; Average loss: 1.0229  
Iteration: 3472; Percent complete: 86.8%; Average loss: 1.0785  
Iteration: 3473; Percent complete: 86.8%; Average loss: 1.0490  
Iteration: 3474; Percent complete: 86.9%; Average loss: 1.3642  
Iteration: 3475; Percent complete: 86.9%; Average loss: 1.2312  
Iteration: 3476; Percent complete: 86.9%; Average loss: 1.1252  
Iteration: 3477; Percent complete: 86.9%; Average loss: 1.2104  
Iteration: 3478; Percent complete: 87.0%; Average loss: 1.1241  
Iteration: 3479; Percent complete: 87.0%; Average loss: 0.8932  
Iteration: 3480; Percent complete: 87.0%; Average loss: 1.1476  
Iteration: 3481; Percent complete: 87.0%; Average loss: 1.3493  
Iteration: 3482; Percent complete: 87.1%; Average loss: 1.3073  
Iteration: 3483; Percent complete: 87.1%; Average loss: 1.2171  
Iteration: 3484; Percent complete: 87.1%; Average loss: 1.2312  
Iteration: 3485; Percent complete: 87.1%; Average loss: 1.0148  
Iteration: 3486; Percent complete: 87.2%; Average loss: 0.9962  
Iteration: 3487; Percent complete: 87.2%; Average loss: 0.9705  
Iteration: 3488; Percent complete: 87.2%; Average loss: 1.1878  
Iteration: 3489; Percent complete: 87.2%; Average loss: 1.1048  
Iteration: 3490; Percent complete: 87.2%; Average loss: 1.2517  
Iteration: 3491; Percent complete: 87.3%; Average loss: 1.1536  
Iteration: 3492; Percent complete: 87.3%; Average loss: 1.2140  
Iteration: 3493; Percent complete: 87.3%; Average loss: 1.0952  
Iteration: 3494; Percent complete: 87.4%; Average loss: 1.2439  
Iteration: 3495; Percent complete: 87.4%; Average loss: 1.7056  
Iteration: 3496; Percent complete: 87.4%; Average loss: 1.0946  
Iteration: 3497; Percent complete: 87.4%; Average loss: 1.0755  
Iteration: 3498; Percent complete: 87.5%; Average loss: 0.9993  
Iteration: 3499; Percent complete: 87.5%; Average loss: 1.1697  
Iteration: 3500; Percent complete: 87.5%; Average loss: 1.1042  
Iteration: 3501; Percent complete: 87.5%; Average loss: 1.3708  
Iteration: 3502; Percent complete: 87.5%; Average loss: 1.2009  
Iteration: 3503; Percent complete: 87.6%; Average loss: 1.0594  
Iteration: 3504; Percent complete: 87.6%; Average loss: 1.0430  
Iteration: 3505; Percent complete: 87.6%; Average loss: 1.1009  
Iteration: 3506; Percent complete: 87.6%; Average loss: 1.0843  
Iteration: 3507; Percent complete: 87.7%; Average loss: 1.1215  
Iteration: 3508; Percent complete: 87.7%; Average loss: 1.1248  
Iteration: 3509; Percent complete: 87.7%; Average loss: 1.2029  
Iteration: 3510; Percent complete: 87.8%; Average loss: 1.2585  
Iteration: 3511; Percent complete: 87.8%; Average loss: 1.1217  
Iteration: 3512; Percent complete: 87.8%; Average loss: 0.9381  
Iteration: 3513; Percent complete: 87.8%; Average loss: 1.2340  
Iteration: 3514; Percent complete: 87.8%; Average loss: 1.4555  
Iteration: 3515; Percent complete: 87.9%; Average loss: 1.2094  
Iteration: 3516; Percent complete: 87.9%; Average loss: 1.1164  
Iteration: 3517; Percent complete: 87.9%; Average loss: 1.0399  
Iteration: 3518; Percent complete: 87.9%; Average loss: 1.1448  
Iteration: 3519; Percent complete: 88.0%; Average loss: 1.0049  
Iteration: 3520; Percent complete: 88.0%; Average loss: 0.9986  
Iteration: 3521; Percent complete: 88.0%; Average loss: 1.2939  
Iteration: 3522; Percent complete: 88.0%; Average loss: 0.9292  
Iteration: 3523; Percent complete: 88.1%; Average loss: 0.9934  
Iteration: 3524; Percent complete: 88.1%; Average loss: 1.1137  
Iteration: 3525; Percent complete: 88.1%; Average loss: 0.9940  
Iteration: 3526; Percent complete: 88.1%; Average loss: 1.2315  
Iteration: 3527; Percent complete: 88.2%; Average loss: 1.0914  
Iteration: 3528; Percent complete: 88.2%; Average loss: 1.1820  
Iteration: 3529; Percent complete: 88.2%; Average loss: 1.1394  
Iteration: 3530; Percent complete: 88.2%; Average loss: 1.0251  
Iteration: 3531; Percent complete: 88.3%; Average loss: 1.2897  
Iteration: 3532; Percent complete: 88.3%; Average loss: 1.1621  
Iteration: 3533; Percent complete: 88.3%; Average loss: 1.2038  
Iteration: 3534; Percent complete: 88.3%; Average loss: 1.0929  
Iteration: 3535; Percent complete: 88.4%; Average loss: 1.0003  
Iteration: 3536; Percent complete: 88.4%; Average loss: 1.1840  
Iteration: 3537; Percent complete: 88.4%; Average loss: 1.1542  
Iteration: 3538; Percent complete: 88.4%; Average loss: 1.1326  
Iteration: 3539; Percent complete: 88.5%; Average loss: 1.1177  
Iteration: 3540; Percent complete: 88.5%; Average loss: 1.1662  
Iteration: 3541; Percent complete: 88.5%; Average loss: 1.1770  
Iteration: 3542; Percent complete: 88.5%; Average loss: 1.0173  
Iteration: 3543; Percent complete: 88.6%; Average loss: 0.9701  
Iteration: 3544; Percent complete: 88.6%; Average loss: 1.1428  
Iteration: 3545; Percent complete: 88.6%; Average loss: 1.2062

|            |       |                   |        |               |        |
|------------|-------|-------------------|--------|---------------|--------|
| Iteration: | 3543; | Percent complete: | 88.6%; | Average loss: | 1.2087 |
| Iteration: | 3546; | Percent complete: | 88.6%; | Average loss: | 1.0679 |
| Iteration: | 3547; | Percent complete: | 88.7%; | Average loss: | 1.2233 |
| Iteration: | 3548; | Percent complete: | 88.7%; | Average loss: | 1.0575 |
| Iteration: | 3549; | Percent complete: | 88.7%; | Average loss: | 1.0693 |
| Iteration: | 3550; | Percent complete: | 88.8%; | Average loss: | 1.2566 |
| Iteration: | 3551; | Percent complete: | 88.8%; | Average loss: | 1.3767 |
| Iteration: | 3552; | Percent complete: | 88.8%; | Average loss: | 0.9306 |
| Iteration: | 3553; | Percent complete: | 88.8%; | Average loss: | 1.1151 |
| Iteration: | 3554; | Percent complete: | 88.8%; | Average loss: | 1.0679 |
| Iteration: | 3555; | Percent complete: | 88.9%; | Average loss: | 1.1548 |
| Iteration: | 3556; | Percent complete: | 88.9%; | Average loss: | 1.1454 |
| Iteration: | 3557; | Percent complete: | 88.9%; | Average loss: | 1.0949 |
| Iteration: | 3558; | Percent complete: | 88.9%; | Average loss: | 1.1727 |
| Iteration: | 3559; | Percent complete: | 89.0%; | Average loss: | 1.2444 |
| Iteration: | 3560; | Percent complete: | 89.0%; | Average loss: | 1.1841 |
| Iteration: | 3561; | Percent complete: | 89.0%; | Average loss: | 1.2161 |
| Iteration: | 3562; | Percent complete: | 89.0%; | Average loss: | 1.2291 |
| Iteration: | 3563; | Percent complete: | 89.1%; | Average loss: | 1.1957 |
| Iteration: | 3564; | Percent complete: | 89.1%; | Average loss: | 1.0871 |
| Iteration: | 3565; | Percent complete: | 89.1%; | Average loss: | 1.2021 |
| Iteration: | 3566; | Percent complete: | 89.1%; | Average loss: | 1.1336 |
| Iteration: | 3567; | Percent complete: | 89.2%; | Average loss: | 1.1381 |
| Iteration: | 3568; | Percent complete: | 89.2%; | Average loss: | 1.1191 |
| Iteration: | 3569; | Percent complete: | 89.2%; | Average loss: | 1.0545 |
| Iteration: | 3570; | Percent complete: | 89.2%; | Average loss: | 1.1181 |
| Iteration: | 3571; | Percent complete: | 89.3%; | Average loss: | 0.9665 |
| Iteration: | 3572; | Percent complete: | 89.3%; | Average loss: | 1.0444 |
| Iteration: | 3573; | Percent complete: | 89.3%; | Average loss: | 1.2633 |
| Iteration: | 3574; | Percent complete: | 89.3%; | Average loss: | 1.2591 |
| Iteration: | 3575; | Percent complete: | 89.4%; | Average loss: | 1.2121 |
| Iteration: | 3576; | Percent complete: | 89.4%; | Average loss: | 1.1351 |
| Iteration: | 3577; | Percent complete: | 89.4%; | Average loss: | 1.1506 |
| Iteration: | 3578; | Percent complete: | 89.5%; | Average loss: | 1.0561 |
| Iteration: | 3579; | Percent complete: | 89.5%; | Average loss: | 1.1421 |
| Iteration: | 3580; | Percent complete: | 89.5%; | Average loss: | 1.3631 |
| Iteration: | 3581; | Percent complete: | 89.5%; | Average loss: | 1.0771 |
| Iteration: | 3582; | Percent complete: | 89.5%; | Average loss: | 1.1661 |
| Iteration: | 3583; | Percent complete: | 89.6%; | Average loss: | 1.1171 |
| Iteration: | 3584; | Percent complete: | 89.6%; | Average loss: | 1.3101 |
| Iteration: | 3585; | Percent complete: | 89.6%; | Average loss: | 1.1651 |
| Iteration: | 3586; | Percent complete: | 89.6%; | Average loss: | 1.2441 |
| Iteration: | 3587; | Percent complete: | 89.7%; | Average loss: | 1.0771 |
| Iteration: | 3588; | Percent complete: | 89.7%; | Average loss: | 1.1801 |
| Iteration: | 3589; | Percent complete: | 89.7%; | Average loss: | 1.3541 |
| Iteration: | 3590; | Percent complete: | 89.8%; | Average loss: | 1.0671 |
| Iteration: | 3591; | Percent complete: | 89.8%; | Average loss: | 1.2121 |
| Iteration: | 3592; | Percent complete: | 89.8%; | Average loss: | 1.1231 |
| Iteration: | 3593; | Percent complete: | 89.8%; | Average loss: | 1.0781 |
| Iteration: | 3594; | Percent complete: | 89.8%; | Average loss: | 1.3021 |
| Iteration: | 3595; | Percent complete: | 89.9%; | Average loss: | 1.0451 |
| Iteration: | 3596; | Percent complete: | 89.9%; | Average loss: | 1.0941 |
| Iteration: | 3597; | Percent complete: | 89.9%; | Average loss: | 1.4031 |
| Iteration: | 3598; | Percent complete: | 90.0%; | Average loss: | 1.0561 |
| Iteration: | 3599; | Percent complete: | 90.0%; | Average loss: | 1.1151 |
| Iteration: | 3600; | Percent complete: | 90.0%; | Average loss: | 1.1321 |
| Iteration: | 3601; | Percent complete: | 90.0%; | Average loss: | 1.1481 |
| Iteration: | 3602; | Percent complete: | 90.0%; | Average loss: | 1.2431 |
| Iteration: | 3603; | Percent complete: | 90.1%; | Average loss: | 1.1831 |
| Iteration: | 3604; | Percent complete: | 90.1%; | Average loss: | 1.0111 |
| Iteration: | 3605; | Percent complete: | 90.1%; | Average loss: | 1.1171 |
| Iteration: | 3606; | Percent complete: | 90.1%; | Average loss: | 1.0381 |
| Iteration: | 3607; | Percent complete: | 90.2%; | Average loss: | 1.1861 |
| Iteration: | 3608; | Percent complete: | 90.2%; | Average loss: | 1.2231 |
| Iteration: | 3609; | Percent complete: | 90.2%; | Average loss: | 1.2191 |
| Iteration: | 3610; | Percent complete: | 90.2%; | Average loss: | 1.0921 |
| Iteration: | 3611; | Percent complete: | 90.3%; | Average loss: | 1.0951 |
| Iteration: | 3612; | Percent complete: | 90.3%; | Average loss: | 1.1881 |
| Iteration: | 3613; | Percent complete: | 90.3%; | Average loss: | 1.1491 |
| Iteration: | 3614; | Percent complete: | 90.3%; | Average loss: | 1.0141 |
| Iteration: | 3615; | Percent complete: | 90.4%; | Average loss: | 1.1461 |
| Iteration: | 3616; | Percent complete: | 90.4%; | Average loss: | 1.0781 |
| Iteration: | 3617; | Percent complete: | 90.4%; | Average loss: | 1.1971 |
| Iteration: | 3618; | Percent complete: | 90.5%; | Average loss: | 1.0751 |
| Iteration: | 3619; | Percent complete: | 90.5%; | Average loss: | 1.2891 |
| Iteration: | 3620; | Percent complete: | 90.5%; | Average loss: | 1      |



Iteration: 3728; Percent complete: 93.2%; Average loss: 1.0495  
Iteration: 3729; Percent complete: 93.2%; Average loss: 1.3006  
Iteration: 3730; Percent complete: 93.2%; Average loss: 1.2254  
Iteration: 3731; Percent complete: 93.3%; Average loss: 1.2958  
Iteration: 3732; Percent complete: 93.3%; Average loss: 0.9496  
Iteration: 3733; Percent complete: 93.3%; Average loss: 1.0848  
Iteration: 3734; Percent complete: 93.3%; Average loss: 1.1580  
Iteration: 3735; Percent complete: 93.4%; Average loss: 1.0047  
Iteration: 3736; Percent complete: 93.4%; Average loss: 1.0468  
Iteration: 3737; Percent complete: 93.4%; Average loss: 1.0765  
Iteration: 3738; Percent complete: 93.5%; Average loss: 1.1842  
Iteration: 3739; Percent complete: 93.5%; Average loss: 1.1168  
Iteration: 3740; Percent complete: 93.5%; Average loss: 1.3732  
Iteration: 3741; Percent complete: 93.5%; Average loss: 1.1189  
Iteration: 3742; Percent complete: 93.5%; Average loss: 1.1189  
Iteration: 3743; Percent complete: 93.6%; Average loss: 0.9453  
Iteration: 3744; Percent complete: 93.6%; Average loss: 1.0109  
Iteration: 3745; Percent complete: 93.6%; Average loss: 1.2657  
Iteration: 3746; Percent complete: 93.7%; Average loss: 1.0869  
Iteration: 3747; Percent complete: 93.7%; Average loss: 1.0384  
Iteration: 3748; Percent complete: 93.7%; Average loss: 1.2220  
Iteration: 3749; Percent complete: 93.7%; Average loss: 1.0369  
Iteration: 3750; Percent complete: 93.8%; Average loss: 0.9487  
Iteration: 3751; Percent complete: 93.8%; Average loss: 0.8752  
Iteration: 3752; Percent complete: 93.8%; Average loss: 1.0577  
Iteration: 3753; Percent complete: 93.8%; Average loss: 1.3136  
Iteration: 3754; Percent complete: 93.8%; Average loss: 1.3029  
Iteration: 3755; Percent complete: 93.9%; Average loss: 1.3315  
Iteration: 3756; Percent complete: 93.9%; Average loss: 1.2057  
Iteration: 3757; Percent complete: 93.9%; Average loss: 1.1185  
Iteration: 3758; Percent complete: 94.0%; Average loss: 1.2160  
Iteration: 3759; Percent complete: 94.0%; Average loss: 1.4378  
Iteration: 3760; Percent complete: 94.0%; Average loss: 1.3023  
Iteration: 3761; Percent complete: 94.0%; Average loss: 1.1308  
Iteration: 3762; Percent complete: 94.0%; Average loss: 1.2929  
Iteration: 3763; Percent complete: 94.1%; Average loss: 1.1003  
Iteration: 3764; Percent complete: 94.1%; Average loss: 1.2438  
Iteration: 3765; Percent complete: 94.1%; Average loss: 1.2354  
Iteration: 3766; Percent complete: 94.2%; Average loss: 1.2289  
Iteration: 3767; Percent complete: 94.2%; Average loss: 1.1693  
Iteration: 3768; Percent complete: 94.2%; Average loss: 1.1876  
Iteration: 3769; Percent complete: 94.2%; Average loss: 1.2184  
Iteration: 3770; Percent complete: 94.2%; Average loss: 1.1052  
Iteration: 3771; Percent complete: 94.3%; Average loss: 1.0059  
Iteration: 3772; Percent complete: 94.3%; Average loss: 0.9959  
Iteration: 3773; Percent complete: 94.3%; Average loss: 1.1955  
Iteration: 3774; Percent complete: 94.3%; Average loss: 1.2547  
Iteration: 3775; Percent complete: 94.4%; Average loss: 0.9243  
Iteration: 3776; Percent complete: 94.4%; Average loss: 1.0293  
Iteration: 3777; Percent complete: 94.4%; Average loss: 0.9857  
Iteration: 3778; Percent complete: 94.5%; Average loss: 0.9412  
Iteration: 3779; Percent complete: 94.5%; Average loss: 1.1472  
Iteration: 3780; Percent complete: 94.5%; Average loss: 0.9484  
Iteration: 3781; Percent complete: 94.5%; Average loss: 1.1115  
Iteration: 3782; Percent complete: 94.5%; Average loss: 1.0484  
Iteration: 3783; Percent complete: 94.6%; Average loss: 1.1860  
Iteration: 3784; Percent complete: 94.6%; Average loss: 1.2201  
Iteration: 3785; Percent complete: 94.6%; Average loss: 1.3401  
Iteration: 3786; Percent complete: 94.7%; Average loss: 1.1491  
Iteration: 3787; Percent complete: 94.7%; Average loss: 1.1599  
Iteration: 3788; Percent complete: 94.7%; Average loss: 1.1529  
Iteration: 3789; Percent complete: 94.7%; Average loss: 1.2581  
Iteration: 3790; Percent complete: 94.8%; Average loss: 1.3510  
Iteration: 3791; Percent complete: 94.8%; Average loss: 1.0738  
Iteration: 3792; Percent complete: 94.8%; Average loss: 1.1969  
Iteration: 3793; Percent complete: 94.8%; Average loss: 1.2954  
Iteration: 3794; Percent complete: 94.8%; Average loss: 1.2915  
Iteration: 3795; Percent complete: 94.9%; Average loss: 1.1725  
Iteration: 3796; Percent complete: 94.9%; Average loss: 1.1635  
Iteration: 3797; Percent complete: 94.9%; Average loss: 0.9947  
Iteration: 3798; Percent complete: 95.0%; Average loss: 0.9906  
Iteration: 3799; Percent complete: 95.0%; Average loss: 1.0452  
Iteration: 3800; Percent complete: 95.0%; Average loss: 1.0732  
Iteration: 3801; Percent complete: 95.0%; Average loss: 1.4492  
Iteration: 3802; Percent complete: 95.0%; Average loss: 1.2179  
Iteration: 3803; Percent complete: 95.1%; Average loss: 1.3422  
Iteration: 3804; Percent complete: 95.1%; Average loss: 1.2728  
Iteration: 3805; Percent complete: 95.1%; Average loss: 1.2205  
Iteration: 3806; Percent complete: 95.2%; Average loss: 0.9449  
Iteration: 3807; Percent complete: 95.2%; Average loss: 1.2417  
Iteration: 3808; Percent complete: 95.2%; Average loss: 0.9758  
Iteration: 3809; Percent complete: 95.2%; Average loss: 1.1689  
Iteration: 3810; Percent complete: 95.2%; Average loss: 1.1239  
Iteration: 3811; Percent complete: 95.3%; Average loss: 1.2704  
Iteration: 3812; Percent complete: 95.3%; Average loss: 1.0965  
Iteration: 3813; Percent complete: 95.3%; Average loss: 1.0052  
Iteration: 3814; Percent complete: 95.3%; Average loss: 1.0809  
Iteration: 3815; Percent complete: 95.4%; Average loss: 1.1085  
Iteration: 3816; Percent complete: 95.4%; Average loss: 0.9517  
Iteration: 3817; Percent complete: 95.4%; Average loss: 1.0827  
Iteration: 3818; Percent complete: 95.5%; Average loss: 0.9566

Iteration: 3819; Percent complete: 95.5%; Average loss: 1.1688  
Iteration: 3820; Percent complete: 95.5%; Average loss: 1.2556  
Iteration: 3821; Percent complete: 95.5%; Average loss: 1.1046  
Iteration: 3822; Percent complete: 95.5%; Average loss: 1.1291  
Iteration: 3823; Percent complete: 95.6%; Average loss: 0.9529  
Iteration: 3824; Percent complete: 95.6%; Average loss: 1.2284  
Iteration: 3825; Percent complete: 95.6%; Average loss: 1.1028  
Iteration: 3826; Percent complete: 95.7%; Average loss: 1.4185  
Iteration: 3827; Percent complete: 95.7%; Average loss: 1.1191  
Iteration: 3828; Percent complete: 95.7%; Average loss: 1.0568  
Iteration: 3829; Percent complete: 95.7%; Average loss: 1.0587  
Iteration: 3830; Percent complete: 95.8%; Average loss: 1.2764  
Iteration: 3831; Percent complete: 95.8%; Average loss: 0.9515  
Iteration: 3832; Percent complete: 95.8%; Average loss: 1.0109  
Iteration: 3833; Percent complete: 95.8%; Average loss: 1.0563  
Iteration: 3834; Percent complete: 95.9%; Average loss: 1.1136  
Iteration: 3835; Percent complete: 95.9%; Average loss: 1.1200  
Iteration: 3836; Percent complete: 95.9%; Average loss: 1.2321  
Iteration: 3837; Percent complete: 95.9%; Average loss: 1.1550  
Iteration: 3838; Percent complete: 96.0%; Average loss: 1.2141  
Iteration: 3839; Percent complete: 96.0%; Average loss: 1.4022  
Iteration: 3840; Percent complete: 96.0%; Average loss: 1.0736  
Iteration: 3841; Percent complete: 96.0%; Average loss: 1.0398  
Iteration: 3842; Percent complete: 96.0%; Average loss: 1.1839  
Iteration: 3843; Percent complete: 96.1%; Average loss: 1.1952  
Iteration: 3844; Percent complete: 96.1%; Average loss: 1.2287  
Iteration: 3845; Percent complete: 96.1%; Average loss: 1.0682  
Iteration: 3846; Percent complete: 96.2%; Average loss: 1.1800  
Iteration: 3847; Percent complete: 96.2%; Average loss: 1.0698  
Iteration: 3848; Percent complete: 96.2%; Average loss: 1.2278  
Iteration: 3849; Percent complete: 96.2%; Average loss: 1.3096  
Iteration: 3850; Percent complete: 96.2%; Average loss: 0.9836  
Iteration: 3851; Percent complete: 96.3%; Average loss: 1.1342  
Iteration: 3852; Percent complete: 96.3%; Average loss: 1.3478  
Iteration: 3853; Percent complete: 96.3%; Average loss: 0.9368  
Iteration: 3854; Percent complete: 96.4%; Average loss: 0.9094  
Iteration: 3855; Percent complete: 96.4%; Average loss: 1.1000  
Iteration: 3856; Percent complete: 96.4%; Average loss: 1.2399  
Iteration: 3857; Percent complete: 96.4%; Average loss: 1.1912  
Iteration: 3858; Percent complete: 96.5%; Average loss: 1.2224  
Iteration: 3859; Percent complete: 96.5%; Average loss: 1.1024  
Iteration: 3860; Percent complete: 96.5%; Average loss: 1.1449  
Iteration: 3861; Percent complete: 96.5%; Average loss: 1.4264  
Iteration: 3862; Percent complete: 96.5%; Average loss: 1.0587  
Iteration: 3863; Percent complete: 96.6%; Average loss: 0.8890  
Iteration: 3864; Percent complete: 96.6%; Average loss: 0.9557  
Iteration: 3865; Percent complete: 96.6%; Average loss: 0.8806  
Iteration: 3866; Percent complete: 96.7%; Average loss: 1.4015  
Iteration: 3867; Percent complete: 96.7%; Average loss: 1.1906  
Iteration: 3868; Percent complete: 96.7%; Average loss: 1.0511  
Iteration: 3869; Percent complete: 96.7%; Average loss: 1.2945  
Iteration: 3870; Percent complete: 96.8%; Average loss: 1.2099  
Iteration: 3871; Percent complete: 96.8%; Average loss: 1.0899  
Iteration: 3872; Percent complete: 96.8%; Average loss: 1.0207  
Iteration: 3873; Percent complete: 96.8%; Average loss: 1.2051  
Iteration: 3874; Percent complete: 96.9%; Average loss: 1.3153  
Iteration: 3875; Percent complete: 96.9%; Average loss: 1.1266  
Iteration: 3876; Percent complete: 96.9%; Average loss: 1.2161  
Iteration: 3877; Percent complete: 96.9%; Average loss: 1.1133  
Iteration: 3878; Percent complete: 97.0%; Average loss: 1.1141  
Iteration: 3879; Percent complete: 97.0%; Average loss: 1.2022  
Iteration: 3880; Percent complete: 97.0%; Average loss: 1.3389  
Iteration: 3881; Percent complete: 97.0%; Average loss: 1.0513  
Iteration: 3882; Percent complete: 97.0%; Average loss: 1.1706  
Iteration: 3883; Percent complete: 97.1%; Average loss: 1.1827  
Iteration: 3884; Percent complete: 97.1%; Average loss: 0.9511  
Iteration: 3885; Percent complete: 97.1%; Average loss: 1.3563  
Iteration: 3886; Percent complete: 97.2%; Average loss: 1.0031  
Iteration: 3887; Percent complete: 97.2%; Average loss: 1.1314  
Iteration: 3888; Percent complete: 97.2%; Average loss: 1.1226  
Iteration: 3889; Percent complete: 97.2%; Average loss: 1.2447  
Iteration: 3890; Percent complete: 97.2%; Average loss: 1.3995  
Iteration: 3891; Percent complete: 97.3%; Average loss: 1.0342  
Iteration: 3892; Percent complete: 97.3%; Average loss: 1.1296  
Iteration: 3893; Percent complete: 97.3%; Average loss: 1.1380  
Iteration: 3894; Percent complete: 97.4%; Average loss: 1.1379  
Iteration: 3895; Percent complete: 97.4%; Average loss: 1.0652  
Iteration: 3896; Percent complete: 97.4%; Average loss: 1.0378  
Iteration: 3897; Percent complete: 97.4%; Average loss: 1.2101  
Iteration: 3898; Percent complete: 97.5%; Average loss: 1.0922  
Iteration: 3899; Percent complete: 97.5%; Average loss: 1.1218  
Iteration: 3900; Percent complete: 97.5%; Average loss: 1.2417  
Iteration: 3901; Percent complete: 97.5%; Average loss: 1.2570  
Iteration: 3902; Percent complete: 97.5%; Average loss: 1.2364  
Iteration: 3903; Percent complete: 97.6%; Average loss: 1.1360  
Iteration: 3904; Percent complete: 97.6%; Average loss: 1.0085  
Iteration: 3905; Percent complete: 97.6%; Average loss: 0.9866  
Iteration: 3906; Percent complete: 97.7%; Average loss: 1.1411  
Iteration: 3907; Percent complete: 97.7%; Average loss: 0.9977  
Iteration: 3908; Percent complete: 97.7%; Average loss: 1.2308  
Iteration: 3909; Percent complete: 97.7%; Average loss: 1.0304  
Iteration: 3910; Percent complete: 97.8%; Average loss: 1.0012



Iteration: 3910; Percent complete: 97.8%; Average loss: 1.0612  
Iteration: 3911; Percent complete: 97.8%; Average loss: 1.0594  
Iteration: 3912; Percent complete: 97.8%; Average loss: 1.0135  
Iteration: 3913; Percent complete: 97.8%; Average loss: 1.1729  
Iteration: 3914; Percent complete: 97.9%; Average loss: 1.0699  
Iteration: 3915; Percent complete: 97.9%; Average loss: 1.2279  
Iteration: 3916; Percent complete: 97.9%; Average loss: 1.3758  
Iteration: 3917; Percent complete: 97.9%; Average loss: 0.9795  
Iteration: 3918; Percent complete: 98.0%; Average loss: 1.2249  
Iteration: 3919; Percent complete: 98.0%; Average loss: 1.2651  
Iteration: 3920; Percent complete: 98.0%; Average loss: 1.0978  
Iteration: 3921; Percent complete: 98.0%; Average loss: 0.9168  
Iteration: 3922; Percent complete: 98.0%; Average loss: 1.3566  
Iteration: 3923; Percent complete: 98.1%; Average loss: 1.1196  
Iteration: 3924; Percent complete: 98.1%; Average loss: 1.1476  
Iteration: 3925; Percent complete: 98.1%; Average loss: 1.2129  
Iteration: 3926; Percent complete: 98.2%; Average loss: 1.0734  
Iteration: 3927; Percent complete: 98.2%; Average loss: 1.0433  
Iteration: 3928; Percent complete: 98.2%; Average loss: 1.1553  
Iteration: 3929; Percent complete: 98.2%; Average loss: 1.1547  
Iteration: 3930; Percent complete: 98.2%; Average loss: 1.3962  
Iteration: 3931; Percent complete: 98.3%; Average loss: 1.1157  
Iteration: 3932; Percent complete: 98.3%; Average loss: 0.9532  
Iteration: 3933; Percent complete: 98.3%; Average loss: 1.2994  
Iteration: 3934; Percent complete: 98.4%; Average loss: 1.2309  
Iteration: 3935; Percent complete: 98.4%; Average loss: 1.1809  
Iteration: 3936; Percent complete: 98.4%; Average loss: 1.1168  
Iteration: 3937; Percent complete: 98.4%; Average loss: 1.2438  
Iteration: 3938; Percent complete: 98.5%; Average loss: 1.1491  
Iteration: 3939; Percent complete: 98.5%; Average loss: 1.1515  
Iteration: 3940; Percent complete: 98.5%; Average loss: 1.1406  
Iteration: 3941; Percent complete: 98.5%; Average loss: 1.2145  
Iteration: 3942; Percent complete: 98.6%; Average loss: 1.2519  
Iteration: 3943; Percent complete: 98.6%; Average loss: 1.2481  
Iteration: 3944; Percent complete: 98.6%; Average loss: 1.1899  
Iteration: 3945; Percent complete: 98.6%; Average loss: 1.1455  
Iteration: 3946; Percent complete: 98.7%; Average loss: 1.1370  
Iteration: 3947; Percent complete: 98.7%; Average loss: 1.0719  
Iteration: 3948; Percent complete: 98.7%; Average loss: 1.3068  
Iteration: 3949; Percent complete: 98.7%; Average loss: 1.0902  
Iteration: 3950; Percent complete: 98.8%; Average loss: 1.2343  
Iteration: 3951; Percent complete: 98.8%; Average loss: 1.2589  
Iteration: 3952; Percent complete: 98.8%; Average loss: 1.2761  
Iteration: 3953; Percent complete: 98.8%; Average loss: 1.0468  
Iteration: 3954; Percent complete: 98.9%; Average loss: 1.0521  
Iteration: 3955; Percent complete: 98.9%; Average loss: 1.3401  
Iteration: 3956; Percent complete: 98.9%; Average loss: 1.0808  
Iteration: 3957; Percent complete: 98.9%; Average loss: 1.1247  
Iteration: 3958; Percent complete: 99.0%; Average loss: 1.2579  
Iteration: 3959; Percent complete: 99.0%; Average loss: 1.1444  
Iteration: 3960; Percent complete: 99.0%; Average loss: 1.1970  
Iteration: 3961; Percent complete: 99.0%; Average loss: 1.3040  
Iteration: 3962; Percent complete: 99.1%; Average loss: 1.2943  
Iteration: 3963; Percent complete: 99.1%; Average loss: 1.1495  
Iteration: 3964; Percent complete: 99.1%; Average loss: 1.0624  
Iteration: 3965; Percent complete: 99.1%; Average loss: 1.1123  
Iteration: 3966; Percent complete: 99.2%; Average loss: 1.1596  
Iteration: 3967; Percent complete: 99.2%; Average loss: 1.2187  
Iteration: 3968; Percent complete: 99.2%; Average loss: 1.0678  
Iteration: 3969; Percent complete: 99.2%; Average loss: 1.1827  
Iteration: 3970; Percent complete: 99.2%; Average loss: 0.9316  
Iteration: 3971; Percent complete: 99.3%; Average loss: 1.0812  
Iteration: 3972; Percent complete: 99.3%; Average loss: 1.2129  
Iteration: 3973; Percent complete: 99.3%; Average loss: 1.3131  
Iteration: 3974; Percent complete: 99.4%; Average loss: 1.1094  
Iteration: 3975; Percent complete: 99.4%; Average loss: 1.1691  
Iteration: 3976; Percent complete: 99.4%; Average loss: 1.0621  
Iteration: 3977; Percent complete: 99.4%; Average loss: 1.1599  
Iteration: 3978; Percent complete: 99.5%; Average loss: 1.0228  
Iteration: 3979; Percent complete: 99.5%; Average loss: 1.0892  
Iteration: 3980; Percent complete: 99.5%; Average loss: 1.2515  
Iteration: 3981; Percent complete: 99.5%; Average loss: 1.1951  
Iteration: 3982; Percent complete: 99.6%; Average loss: 1.0239  
Iteration: 3983; Percent complete: 99.6%; Average loss: 1.0356  
Iteration: 3984; Percent complete: 99.6%; Average loss: 1.1545  
Iteration: 3985; Percent complete: 99.6%; Average loss: 1.1674  
Iteration: 3986; Percent complete: 99.7%; Average loss: 1.3668  
Iteration: 3987; Percent complete: 99.7%; Average loss: 0.9613  
Iteration: 3988; Percent complete: 99.7%; Average loss: 0.9377  
Iteration: 3989; Percent complete: 99.7%; Average loss: 1.2030  
Iteration: 3990; Percent complete: 99.8%; Average loss: 1.0686  
Iteration: 3991; Percent complete: 99.8%; Average loss: 1.0882  
Iteration: 3992; Percent complete: 99.8%; Average loss: 1.2777  
Iteration: 3993; Percent complete: 99.8%; Average loss: 1.2186  
Iteration: 3994; Percent complete: 99.9%; Average loss: 1.2728  
Iteration: 3995; Percent complete: 99.9%; Average loss: 1.1051  
Iteration: 3996; Percent complete: 99.9%; Average loss: 1.1533  
Iteration: 3997; Percent complete: 99.9%; Average loss: 1.1384  
Iteration: 3998; Percent complete: 100.0%; Average loss: 1.3389  
Iteration: 3999; Percent complete: 100.0%; Average loss: 1.4482  
Iteration: 4000; Percent complete: 100.0%; Average loss: 1.1283

## Run history:

batch loss   
epoch   
loss 

## Run summary:

batch loss 1.12825  
epoch 12  
loss 1.14819

View run **glowing-sweep-12** at: <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps/runs/p9ttki8y>

View project at: <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps>

Synced 5 W&B file(s), 0 media file(s), 0 artifact file(s) and 0 other file(s)

Find logs at: [./wandb/run-20250928\\_215629-p9ttki8y/logs](#)

**wandb:** Sweep Agent: Waiting for job.

**wandb:** Job received.

**wandb:** Agent Starting Run: u8z8pyt5 with config:

**wandb:** clip: 100

**wandb:** decoder\_learning\_ratio: 5

**wandb:** learning\_rate: 0.001

**wandb:** optimizer: adam

**wandb:** teacher\_forcing\_ratio: 1

Tracking run with wandb version 0.22.0

Run data is saved locally in [/content/wandb/run-20250928\\_220037-u8z8pyt5](#)

Syncing run **glowing-sweep-13** to [Weights & Biases \(docs\)](#)

Sweep page: <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps/sweeps/jvrgg7ly>

View project at <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps>

View sweep at <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps/sweeps/jvrgg7ly>

View run at <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps/runs/u8z8pyt5>

Building optimizers ...

Starting Training!

Initializing ...

Training...

Iteration: 1; Percent complete: 0.0%; Average loss: 1.1137  
Iteration: 2; Percent complete: 0.1%; Average loss: 1.3624  
Iteration: 3; Percent complete: 0.1%; Average loss: 1.3682  
Iteration: 4; Percent complete: 0.1%; Average loss: 1.4494  
Iteration: 5; Percent complete: 0.1%; Average loss: 1.6785  
Iteration: 6; Percent complete: 0.1%; Average loss: 1.9179  
Iteration: 7; Percent complete: 0.2%; Average loss: 1.7187  
Iteration: 8; Percent complete: 0.2%; Average loss: 1.8426  
Iteration: 9; Percent complete: 0.2%; Average loss: 1.8539  
Iteration: 10; Percent complete: 0.2%; Average loss: 2.0262  
Iteration: 11; Percent complete: 0.3%; Average loss: 2.0910  
Iteration: 12; Percent complete: 0.3%; Average loss: 1.9036  
Iteration: 13; Percent complete: 0.3%; Average loss: 2.0860  
Iteration: 14; Percent complete: 0.4%; Average loss: 1.8697  
Iteration: 15; Percent complete: 0.4%; Average loss: 1.6505  
Iteration: 16; Percent complete: 0.4%; Average loss: 1.9430  
Iteration: 17; Percent complete: 0.4%; Average loss: 1.9014  
Iteration: 18; Percent complete: 0.4%; Average loss: 2.0193  
Iteration: 19; Percent complete: 0.5%; Average loss: 2.1765  
Iteration: 20; Percent complete: 0.5%; Average loss: 2.0646  
Iteration: 21; Percent complete: 0.5%; Average loss: 2.1670  
Iteration: 22; Percent complete: 0.5%; Average loss: 2.2854  
Iteration: 23; Percent complete: 0.6%; Average loss: 2.0958  
Iteration: 24; Percent complete: 0.6%; Average loss: 2.0740  
Iteration: 25; Percent complete: 0.6%; Average loss: 2.0947  
Iteration: 26; Percent complete: 0.7%; Average loss: 2.3885  
Iteration: 27; Percent complete: 0.7%; Average loss: 2.5274  
Iteration: 28; Percent complete: 0.7%; Average loss: 2.1428  
Iteration: 29; Percent complete: 0.7%; Average loss: 2.3026  
Iteration: 30; Percent complete: 0.8%; Average loss: 2.4206  
Iteration: 31; Percent complete: 0.8%; Average loss: 2.5356  
Iteration: 32; Percent complete: 0.8%; Average loss: 2.5566  
Iteration: 33; Percent complete: 0.8%; Average loss: 1.9678  
Iteration: 34; Percent complete: 0.9%; Average loss: 2.5470  
Iteration: 35; Percent complete: 0.9%; Average loss: 2.3401  
Iteration: 36; Percent complete: 0.9%; Average loss: 2.4749  
Iteration: 37; Percent complete: 0.9%; Average loss: 2.4196  
Iteration: 38; Percent complete: 0.9%; Average loss: 2.4599  
Iteration: 39; Percent complete: 1.0%; Average loss: 2.4637  
Iteration: 40; Percent complete: 1.0%; Average loss: 2.3072  
Iteration: 41; Percent complete: 1.0%; Average loss: 2.5151  
Iteration: 42; Percent complete: 1.1%; Average loss: 2.0665  
Iteration: 43; Percent complete: 1.1%; Average loss: 2.6574  
Iteration: 44; Percent complete: 1.1%; Average loss: 2.4047  
Iteration: 45; Percent complete: 1.1%; Average loss: 2.4124  
Iteration: 46; Percent complete: 1.1%; Average loss: 2.3942  
Iteration: 47; Percent complete: 1.2%; Average loss: 2.6995  
Iteration: 48; Percent complete: 1.2%; Average loss: 2.4771  
Iteration: 49; Percent complete: 1.2%; Average loss: 2.6357  
Iteration: 50; Percent complete: 1.2%; Average loss: 2.0542  
Iteration: 51; Percent complete: 1.3%; Average loss: 2.3503

Iteration: 52; Percent complete: 1.3%; Average loss: 2.5784  
Iteration: 53; Percent complete: 1.3%; Average loss: 2.4648  
Iteration: 54; Percent complete: 1.4%; Average loss: 2.4099  
Iteration: 55; Percent complete: 1.4%; Average loss: 2.9758  
Iteration: 56; Percent complete: 1.4%; Average loss: 2.4564  
Iteration: 57; Percent complete: 1.4%; Average loss: 2.5832  
Iteration: 58; Percent complete: 1.5%; Average loss: 2.4782  
Iteration: 59; Percent complete: 1.5%; Average loss: 2.3716  
Iteration: 60; Percent complete: 1.5%; Average loss: 2.7065  
Iteration: 61; Percent complete: 1.5%; Average loss: 2.9122  
Iteration: 62; Percent complete: 1.6%; Average loss: 2.6550  
Iteration: 63; Percent complete: 1.6%; Average loss: 2.7731  
Iteration: 64; Percent complete: 1.6%; Average loss: 2.6646  
Iteration: 65; Percent complete: 1.6%; Average loss: 2.4744  
Iteration: 66; Percent complete: 1.7%; Average loss: 3.0584  
Iteration: 67; Percent complete: 1.7%; Average loss: 2.6132  
Iteration: 68; Percent complete: 1.7%; Average loss: 2.6194  
Iteration: 69; Percent complete: 1.7%; Average loss: 2.4222  
Iteration: 70; Percent complete: 1.8%; Average loss: 2.6506  
Iteration: 71; Percent complete: 1.8%; Average loss: 2.5538  
Iteration: 72; Percent complete: 1.8%; Average loss: 2.7810  
Iteration: 73; Percent complete: 1.8%; Average loss: 2.6025  
Iteration: 74; Percent complete: 1.8%; Average loss: 2.3698  
Iteration: 75; Percent complete: 1.9%; Average loss: 2.7819  
Iteration: 76; Percent complete: 1.9%; Average loss: 2.4066  
Iteration: 77; Percent complete: 1.9%; Average loss: 2.5535  
Iteration: 78; Percent complete: 1.9%; Average loss: 2.6735  
Iteration: 79; Percent complete: 2.0%; Average loss: 2.6423  
Iteration: 80; Percent complete: 2.0%; Average loss: 2.7502  
Iteration: 81; Percent complete: 2.0%; Average loss: 3.0776  
Iteration: 82; Percent complete: 2.1%; Average loss: 2.8586  
Iteration: 83; Percent complete: 2.1%; Average loss: 3.0279  
Iteration: 84; Percent complete: 2.1%; Average loss: 2.5643  
Iteration: 85; Percent complete: 2.1%; Average loss: 2.4430  
Iteration: 86; Percent complete: 2.1%; Average loss: 2.8359  
Iteration: 87; Percent complete: 2.2%; Average loss: 2.8823  
Iteration: 88; Percent complete: 2.2%; Average loss: 2.5016  
Iteration: 89; Percent complete: 2.2%; Average loss: 2.7968  
Iteration: 90; Percent complete: 2.2%; Average loss: 2.9108  
Iteration: 91; Percent complete: 2.3%; Average loss: 2.7165  
Iteration: 92; Percent complete: 2.3%; Average loss: 2.8864  
Iteration: 93; Percent complete: 2.3%; Average loss: 2.5750  
Iteration: 94; Percent complete: 2.4%; Average loss: 2.7925  
Iteration: 95; Percent complete: 2.4%; Average loss: 2.4699  
Iteration: 96; Percent complete: 2.4%; Average loss: 3.0542  
Iteration: 97; Percent complete: 2.4%; Average loss: 2.6930  
Iteration: 98; Percent complete: 2.5%; Average loss: 2.9102  
Iteration: 99; Percent complete: 2.5%; Average loss: 2.9425  
Iteration: 100; Percent complete: 2.5%; Average loss: 2.6263  
Iteration: 101; Percent complete: 2.5%; Average loss: 2.7556  
Iteration: 102; Percent complete: 2.5%; Average loss: 2.9856  
Iteration: 103; Percent complete: 2.6%; Average loss: 2.9282  
Iteration: 104; Percent complete: 2.6%; Average loss: 2.4692  
Iteration: 105; Percent complete: 2.6%; Average loss: 3.0460  
Iteration: 106; Percent complete: 2.6%; Average loss: 2.7499  
Iteration: 107; Percent complete: 2.7%; Average loss: 2.7092  
Iteration: 108; Percent complete: 2.7%; Average loss: 2.6749  
Iteration: 109; Percent complete: 2.7%; Average loss: 2.7731  
Iteration: 110; Percent complete: 2.8%; Average loss: 2.8166  
Iteration: 111; Percent complete: 2.8%; Average loss: 2.4817  
Iteration: 112; Percent complete: 2.8%; Average loss: 3.0783  
Iteration: 113; Percent complete: 2.8%; Average loss: 2.9669  
Iteration: 114; Percent complete: 2.9%; Average loss: 2.8531  
Iteration: 115; Percent complete: 2.9%; Average loss: 2.6426  
Iteration: 116; Percent complete: 2.9%; Average loss: 2.9581  
Iteration: 117; Percent complete: 2.9%; Average loss: 2.5765  
Iteration: 118; Percent complete: 2.9%; Average loss: 2.8474  
Iteration: 119; Percent complete: 3.0%; Average loss: 3.1900  
Iteration: 120; Percent complete: 3.0%; Average loss: 2.8616  
Iteration: 121; Percent complete: 3.0%; Average loss: 3.0952  
Iteration: 122; Percent complete: 3.0%; Average loss: 3.0018  
Iteration: 123; Percent complete: 3.1%; Average loss: 3.1600  
Iteration: 124; Percent complete: 3.1%; Average loss: 2.9090  
Iteration: 125; Percent complete: 3.1%; Average loss: 2.9480  
Iteration: 126; Percent complete: 3.1%; Average loss: 3.1242  
Iteration: 127; Percent complete: 3.2%; Average loss: 2.7393  
Iteration: 128; Percent complete: 3.2%; Average loss: 2.8309  
Iteration: 129; Percent complete: 3.2%; Average loss: 2.8438  
Iteration: 130; Percent complete: 3.2%; Average loss: 2.6118  
Iteration: 131; Percent complete: 3.3%; Average loss: 2.7573  
Iteration: 132; Percent complete: 3.3%; Average loss: 2.6176  
Iteration: 133; Percent complete: 3.3%; Average loss: 2.7190  
Iteration: 134; Percent complete: 3.4%; Average loss: 2.7814  
Iteration: 135; Percent complete: 3.4%; Average loss: 2.6546  
Iteration: 136; Percent complete: 3.4%; Average loss: 2.6498  
Iteration: 137; Percent complete: 3.4%; Average loss: 2.8297  
Iteration: 138; Percent complete: 3.5%; Average loss: 2.9311  
Iteration: 139; Percent complete: 3.5%; Average loss: 2.5983  
Iteration: 140; Percent complete: 3.5%; Average loss: 3.0247  
Iteration: 141; Percent complete: 3.5%; Average loss: 2.8228  
Iteration: 142; Percent complete: 3.5%; Average loss: 2.7655

Iteration: 143; Percent complete: 3.6%; Average loss: 2.6862  
Iteration: 144; Percent complete: 3.6%; Average loss: 2.9650  
Iteration: 145; Percent complete: 3.6%; Average loss: 3.3699  
Iteration: 146; Percent complete: 3.6%; Average loss: 2.6558  
Iteration: 147; Percent complete: 3.7%; Average loss: 2.5510  
Iteration: 148; Percent complete: 3.7%; Average loss: 3.0650  
Iteration: 149; Percent complete: 3.7%; Average loss: 2.8930  
Iteration: 150; Percent complete: 3.8%; Average loss: 2.8292  
Iteration: 151; Percent complete: 3.8%; Average loss: 3.0153  
Iteration: 152; Percent complete: 3.8%; Average loss: 3.2455  
Iteration: 153; Percent complete: 3.8%; Average loss: 3.0829  
Iteration: 154; Percent complete: 3.9%; Average loss: 3.1730  
Iteration: 155; Percent complete: 3.9%; Average loss: 2.8103  
Iteration: 156; Percent complete: 3.9%; Average loss: 3.1513  
Iteration: 157; Percent complete: 3.9%; Average loss: 3.0823  
Iteration: 158; Percent complete: 4.0%; Average loss: 2.9925  
Iteration: 159; Percent complete: 4.0%; Average loss: 2.9597  
Iteration: 160; Percent complete: 4.0%; Average loss: 2.9735  
Iteration: 161; Percent complete: 4.0%; Average loss: 2.9979  
Iteration: 162; Percent complete: 4.0%; Average loss: 2.8085  
Iteration: 163; Percent complete: 4.1%; Average loss: 2.9984  
Iteration: 164; Percent complete: 4.1%; Average loss: 2.8885  
Iteration: 165; Percent complete: 4.1%; Average loss: 2.7936  
Iteration: 166; Percent complete: 4.2%; Average loss: 2.9258  
Iteration: 167; Percent complete: 4.2%; Average loss: 3.3929  
Iteration: 168; Percent complete: 4.2%; Average loss: 3.1247  
Iteration: 169; Percent complete: 4.2%; Average loss: 3.0917  
Iteration: 170; Percent complete: 4.2%; Average loss: 2.7807  
Iteration: 171; Percent complete: 4.3%; Average loss: 3.0089  
Iteration: 172; Percent complete: 4.3%; Average loss: 2.9713  
Iteration: 173; Percent complete: 4.3%; Average loss: 3.0194  
Iteration: 174; Percent complete: 4.3%; Average loss: 2.9344  
Iteration: 175; Percent complete: 4.4%; Average loss: 3.0092  
Iteration: 176; Percent complete: 4.4%; Average loss: 3.0695  
Iteration: 177; Percent complete: 4.4%; Average loss: 2.8731  
Iteration: 178; Percent complete: 4.5%; Average loss: 2.7994  
Iteration: 179; Percent complete: 4.5%; Average loss: 2.9465  
Iteration: 180; Percent complete: 4.5%; Average loss: 2.8733  
Iteration: 181; Percent complete: 4.5%; Average loss: 2.8388  
Iteration: 182; Percent complete: 4.5%; Average loss: 2.8743  
Iteration: 183; Percent complete: 4.6%; Average loss: 2.9301  
Iteration: 184; Percent complete: 4.6%; Average loss: 3.0700  
Iteration: 185; Percent complete: 4.6%; Average loss: 2.8819  
Iteration: 186; Percent complete: 4.7%; Average loss: 2.9072  
Iteration: 187; Percent complete: 4.7%; Average loss: 2.9292  
Iteration: 188; Percent complete: 4.7%; Average loss: 2.8895  
Iteration: 189; Percent complete: 4.7%; Average loss: 2.8707  
Iteration: 190; Percent complete: 4.8%; Average loss: 3.2687  
Iteration: 191; Percent complete: 4.8%; Average loss: 2.9528  
Iteration: 192; Percent complete: 4.8%; Average loss: 3.0327  
Iteration: 193; Percent complete: 4.8%; Average loss: 2.8127  
Iteration: 194; Percent complete: 4.9%; Average loss: 2.9020  
Iteration: 195; Percent complete: 4.9%; Average loss: 2.8506  
Iteration: 196; Percent complete: 4.9%; Average loss: 3.1864  
Iteration: 197; Percent complete: 4.9%; Average loss: 3.1003  
Iteration: 198; Percent complete: 5.0%; Average loss: 3.1061  
Iteration: 199; Percent complete: 5.0%; Average loss: 3.0213  
Iteration: 200; Percent complete: 5.0%; Average loss: 3.4428  
Iteration: 201; Percent complete: 5.0%; Average loss: 3.2510  
Iteration: 202; Percent complete: 5.1%; Average loss: 2.8756  
Iteration: 203; Percent complete: 5.1%; Average loss: 2.9460  
Iteration: 204; Percent complete: 5.1%; Average loss: 2.8965  
Iteration: 205; Percent complete: 5.1%; Average loss: 2.7605  
Iteration: 206; Percent complete: 5.1%; Average loss: 2.7502  
Iteration: 207; Percent complete: 5.2%; Average loss: 2.8648  
Iteration: 208; Percent complete: 5.2%; Average loss: 3.1852  
Iteration: 209; Percent complete: 5.2%; Average loss: 2.8897  
Iteration: 210; Percent complete: 5.2%; Average loss: 2.6599  
Iteration: 211; Percent complete: 5.3%; Average loss: 2.9275  
Iteration: 212; Percent complete: 5.3%; Average loss: 3.1592  
Iteration: 213; Percent complete: 5.3%; Average loss: 2.5934  
Iteration: 214; Percent complete: 5.3%; Average loss: 2.9614  
Iteration: 215; Percent complete: 5.4%; Average loss: 3.1872  
Iteration: 216; Percent complete: 5.4%; Average loss: 2.7502  
Iteration: 217; Percent complete: 5.4%; Average loss: 3.3917  
Iteration: 218; Percent complete: 5.5%; Average loss: 2.7397  
Iteration: 219; Percent complete: 5.5%; Average loss: 3.0824  
Iteration: 220; Percent complete: 5.5%; Average loss: 3.1134  
Iteration: 221; Percent complete: 5.5%; Average loss: 3.0932  
Iteration: 222; Percent complete: 5.5%; Average loss: 2.8884  
Iteration: 223; Percent complete: 5.6%; Average loss: 3.1919  
Iteration: 224; Percent complete: 5.6%; Average loss: 3.0204  
Iteration: 225; Percent complete: 5.6%; Average loss: 2.7350  
Iteration: 226; Percent complete: 5.7%; Average loss: 2.9057  
Iteration: 227; Percent complete: 5.7%; Average loss: 3.0802  
Iteration: 228; Percent complete: 5.7%; Average loss: 3.2825  
Iteration: 229; Percent complete: 5.7%; Average loss: 2.8271  
Iteration: 230; Percent complete: 5.8%; Average loss: 3.2838  
Iteration: 231; Percent complete: 5.8%; Average loss: 2.7548  
Iteration: 232; Percent complete: 5.8%; Average loss: 2.8665  
Iteration: 233; Percent complete: 5.8%; Average loss: 3.0088

Iteration: 234; Percent complete: 5.9%; Average loss: 3.0009  
Iteration: 235; Percent complete: 5.9%; Average loss: 2.8418  
Iteration: 236; Percent complete: 5.9%; Average loss: 2.7287  
Iteration: 237; Percent complete: 5.9%; Average loss: 3.2652  
Iteration: 238; Percent complete: 5.9%; Average loss: 2.6069  
Iteration: 239; Percent complete: 6.0%; Average loss: 2.9760  
Iteration: 240; Percent complete: 6.0%; Average loss: 3.0720  
Iteration: 241; Percent complete: 6.0%; Average loss: 2.9236  
Iteration: 242; Percent complete: 6.0%; Average loss: 3.0329  
Iteration: 243; Percent complete: 6.1%; Average loss: 3.1337  
Iteration: 244; Percent complete: 6.1%; Average loss: 2.9237  
Iteration: 245; Percent complete: 6.1%; Average loss: 2.8950  
Iteration: 246; Percent complete: 6.2%; Average loss: 2.7729  
Iteration: 247; Percent complete: 6.2%; Average loss: 3.7537  
Iteration: 248; Percent complete: 6.2%; Average loss: 3.1925  
Iteration: 249; Percent complete: 6.2%; Average loss: 2.9612  
Iteration: 250; Percent complete: 6.2%; Average loss: 2.7174  
Iteration: 251; Percent complete: 6.3%; Average loss: 3.3511  
Iteration: 252; Percent complete: 6.3%; Average loss: 3.0903  
Iteration: 253; Percent complete: 6.3%; Average loss: 2.9356  
Iteration: 254; Percent complete: 6.3%; Average loss: 3.3272  
Iteration: 255; Percent complete: 6.4%; Average loss: 3.2520  
Iteration: 256; Percent complete: 6.4%; Average loss: 2.7445  
Iteration: 257; Percent complete: 6.4%; Average loss: 2.8616  
Iteration: 258; Percent complete: 6.5%; Average loss: 3.0029  
Iteration: 259; Percent complete: 6.5%; Average loss: 2.9929  
Iteration: 260; Percent complete: 6.5%; Average loss: 3.1922  
Iteration: 261; Percent complete: 6.5%; Average loss: 3.1614  
Iteration: 262; Percent complete: 6.6%; Average loss: 2.8553  
Iteration: 263; Percent complete: 6.6%; Average loss: 3.1550  
Iteration: 264; Percent complete: 6.6%; Average loss: 3.1852  
Iteration: 265; Percent complete: 6.6%; Average loss: 3.1490  
Iteration: 266; Percent complete: 6.7%; Average loss: 3.1735  
Iteration: 267; Percent complete: 6.7%; Average loss: 3.1642  
Iteration: 268; Percent complete: 6.7%; Average loss: 3.4333  
Iteration: 269; Percent complete: 6.7%; Average loss: 2.9079  
Iteration: 270; Percent complete: 6.8%; Average loss: 3.0352  
Iteration: 271; Percent complete: 6.8%; Average loss: 3.5089  
Iteration: 272; Percent complete: 6.8%; Average loss: 2.9929  
Iteration: 273; Percent complete: 6.8%; Average loss: 3.0623  
Iteration: 274; Percent complete: 6.9%; Average loss: 3.2113  
Iteration: 275; Percent complete: 6.9%; Average loss: 3.1085  
Iteration: 276; Percent complete: 6.9%; Average loss: 3.0372  
Iteration: 277; Percent complete: 6.9%; Average loss: 2.9722  
Iteration: 278; Percent complete: 7.0%; Average loss: 3.0443  
Iteration: 279; Percent complete: 7.0%; Average loss: 2.8291  
Iteration: 280; Percent complete: 7.0%; Average loss: 3.4131  
Iteration: 281; Percent complete: 7.0%; Average loss: 2.9842  
Iteration: 282; Percent complete: 7.0%; Average loss: 2.9688  
Iteration: 283; Percent complete: 7.1%; Average loss: 3.0312  
Iteration: 284; Percent complete: 7.1%; Average loss: 3.1143  
Iteration: 285; Percent complete: 7.1%; Average loss: 3.0933  
Iteration: 286; Percent complete: 7.1%; Average loss: 2.9294  
Iteration: 287; Percent complete: 7.2%; Average loss: 2.7435  
Iteration: 288; Percent complete: 7.2%; Average loss: 3.1346  
Iteration: 289; Percent complete: 7.2%; Average loss: 2.7597  
Iteration: 290; Percent complete: 7.2%; Average loss: 3.0810  
Iteration: 291; Percent complete: 7.3%; Average loss: 3.1414  
Iteration: 292; Percent complete: 7.3%; Average loss: 3.0092  
Iteration: 293; Percent complete: 7.3%; Average loss: 3.2071  
Iteration: 294; Percent complete: 7.3%; Average loss: 3.0899  
Iteration: 295; Percent complete: 7.4%; Average loss: 2.5816  
Iteration: 296; Percent complete: 7.4%; Average loss: 2.7652  
Iteration: 297; Percent complete: 7.4%; Average loss: 3.2081  
Iteration: 298; Percent complete: 7.4%; Average loss: 3.3077  
Iteration: 299; Percent complete: 7.5%; Average loss: 3.4639  
Iteration: 300; Percent complete: 7.5%; Average loss: 3.0202  
Iteration: 301; Percent complete: 7.5%; Average loss: 3.1830  
Iteration: 302; Percent complete: 7.5%; Average loss: 3.3870  
Iteration: 303; Percent complete: 7.6%; Average loss: 2.9941  
Iteration: 304; Percent complete: 7.6%; Average loss: 3.3279  
Iteration: 305; Percent complete: 7.6%; Average loss: 3.0240  
Iteration: 306; Percent complete: 7.6%; Average loss: 3.2365  
Iteration: 307; Percent complete: 7.7%; Average loss: 2.7694  
Iteration: 308; Percent complete: 7.7%; Average loss: 3.1494  
Iteration: 309; Percent complete: 7.7%; Average loss: 2.9674  
Iteration: 310; Percent complete: 7.8%; Average loss: 3.3323  
Iteration: 311; Percent complete: 7.8%; Average loss: 3.6021  
Iteration: 312; Percent complete: 7.8%; Average loss: 3.2259  
Iteration: 313; Percent complete: 7.8%; Average loss: 3.1330  
Iteration: 314; Percent complete: 7.8%; Average loss: 2.9882  
Iteration: 315; Percent complete: 7.9%; Average loss: 3.2995  
Iteration: 316; Percent complete: 7.9%; Average loss: 2.7173  
Iteration: 317; Percent complete: 7.9%; Average loss: 3.2222  
Iteration: 318; Percent complete: 8.0%; Average loss: 3.2263  
Iteration: 319; Percent complete: 8.0%; Average loss: 3.1066  
Iteration: 320; Percent complete: 8.0%; Average loss: 2.8577  
Iteration: 321; Percent complete: 8.0%; Average loss: 3.3521  
Iteration: 322; Percent complete: 8.1%; Average loss: 3.1595  
Iteration: 323; Percent complete: 8.1%; Average loss: 3.3436  
Iteration: 324; Percent complete: 8.1%; Average loss: 3.0103  
Iteration: 325; Percent complete: 8.1%; Average loss: 2.7214

Iteration: 325; Percent complete: 8.1%; Average loss: 2.7214  
Iteration: 326; Percent complete: 8.2%; Average loss: 3.0635  
Iteration: 327; Percent complete: 8.2%; Average loss: 2.9316  
Iteration: 328; Percent complete: 8.2%; Average loss: 3.2921  
Iteration: 329; Percent complete: 8.2%; Average loss: 3.3123  
Iteration: 330; Percent complete: 8.2%; Average loss: 3.3301  
Iteration: 331; Percent complete: 8.3%; Average loss: 3.1618  
Iteration: 332; Percent complete: 8.3%; Average loss: 2.9374  
Iteration: 333; Percent complete: 8.3%; Average loss: 3.2045  
Iteration: 334; Percent complete: 8.3%; Average loss: 3.1106  
Iteration: 335; Percent complete: 8.4%; Average loss: 3.3527  
Iteration: 336; Percent complete: 8.4%; Average loss: 3.2757  
Iteration: 337; Percent complete: 8.4%; Average loss: 2.9002  
Iteration: 338; Percent complete: 8.5%; Average loss: 3.0225  
Iteration: 339; Percent complete: 8.5%; Average loss: 2.6843  
Iteration: 340; Percent complete: 8.5%; Average loss: 3.1281  
Iteration: 341; Percent complete: 8.5%; Average loss: 3.4941  
Iteration: 342; Percent complete: 8.6%; Average loss: 3.2569  
Iteration: 343; Percent complete: 8.6%; Average loss: 2.9393  
Iteration: 344; Percent complete: 8.6%; Average loss: 3.4713  
Iteration: 345; Percent complete: 8.6%; Average loss: 3.1922  
Iteration: 346; Percent complete: 8.6%; Average loss: 2.7235  
Iteration: 347; Percent complete: 8.7%; Average loss: 2.9658  
Iteration: 348; Percent complete: 8.7%; Average loss: 3.0095  
Iteration: 349; Percent complete: 8.7%; Average loss: 3.3399  
Iteration: 350; Percent complete: 8.8%; Average loss: 3.0030  
Iteration: 351; Percent complete: 8.8%; Average loss: 3.1943  
Iteration: 352; Percent complete: 8.8%; Average loss: 3.0742  
Iteration: 353; Percent complete: 8.8%; Average loss: 2.9990  
Iteration: 354; Percent complete: 8.8%; Average loss: 3.1936  
Iteration: 355; Percent complete: 8.9%; Average loss: 3.2992  
Iteration: 356; Percent complete: 8.9%; Average loss: 3.2277  
Iteration: 357; Percent complete: 8.9%; Average loss: 3.2467  
Iteration: 358; Percent complete: 8.9%; Average loss: 3.1558  
Iteration: 359; Percent complete: 9.0%; Average loss: 3.0280  
Iteration: 360; Percent complete: 9.0%; Average loss: 3.0800  
Iteration: 361; Percent complete: 9.0%; Average loss: 3.3281  
Iteration: 362; Percent complete: 9.0%; Average loss: 3.2343  
Iteration: 363; Percent complete: 9.1%; Average loss: 3.2869  
Iteration: 364; Percent complete: 9.1%; Average loss: 3.0596  
Iteration: 365; Percent complete: 9.1%; Average loss: 2.7797  
Iteration: 366; Percent complete: 9.2%; Average loss: 2.9107  
Iteration: 367; Percent complete: 9.2%; Average loss: 3.0571  
Iteration: 368; Percent complete: 9.2%; Average loss: 3.1120  
Iteration: 369; Percent complete: 9.2%; Average loss: 3.7708  
Iteration: 370; Percent complete: 9.2%; Average loss: 2.8351  
Iteration: 371; Percent complete: 9.3%; Average loss: 3.4509  
Iteration: 372; Percent complete: 9.3%; Average loss: 3.4258  
Iteration: 373; Percent complete: 9.3%; Average loss: 3.3950  
Iteration: 374; Percent complete: 9.3%; Average loss: 3.4218  
Iteration: 375; Percent complete: 9.4%; Average loss: 3.2137  
Iteration: 376; Percent complete: 9.4%; Average loss: 2.9165  
Iteration: 377; Percent complete: 9.4%; Average loss: 3.3375  
Iteration: 378; Percent complete: 9.4%; Average loss: 3.1072  
Iteration: 379; Percent complete: 9.5%; Average loss: 3.1351  
Iteration: 380; Percent complete: 9.5%; Average loss: 3.3235  
Iteration: 381; Percent complete: 9.5%; Average loss: 3.1665  
Iteration: 382; Percent complete: 9.6%; Average loss: 3.1170  
Iteration: 383; Percent complete: 9.6%; Average loss: 3.4902  
Iteration: 384; Percent complete: 9.6%; Average loss: 3.0489  
Iteration: 385; Percent complete: 9.6%; Average loss: 3.2932  
Iteration: 386; Percent complete: 9.7%; Average loss: 3.1349  
Iteration: 387; Percent complete: 9.7%; Average loss: 3.0738  
Iteration: 388; Percent complete: 9.7%; Average loss: 3.8370  
Iteration: 389; Percent complete: 9.7%; Average loss: 3.3482  
Iteration: 390; Percent complete: 9.8%; Average loss: 3.4370  
Iteration: 391; Percent complete: 9.8%; Average loss: 3.0774  
Iteration: 392; Percent complete: 9.8%; Average loss: 2.9115  
Iteration: 393; Percent complete: 9.8%; Average loss: 3.2802  
Iteration: 394; Percent complete: 9.8%; Average loss: 2.9782  
Iteration: 395; Percent complete: 9.9%; Average loss: 2.7680  
Iteration: 396; Percent complete: 9.9%; Average loss: 3.5392  
Iteration: 397; Percent complete: 9.9%; Average loss: 3.4414  
Iteration: 398; Percent complete: 10.0%; Average loss: 3.0098  
Iteration: 399; Percent complete: 10.0%; Average loss: 3.4130  
Iteration: 400; Percent complete: 10.0%; Average loss: 3.3098  
Iteration: 401; Percent complete: 10.0%; Average loss: 3.3097  
Iteration: 402; Percent complete: 10.1%; Average loss: 3.5283  
Iteration: 403; Percent complete: 10.1%; Average loss: 3.3028  
Iteration: 404; Percent complete: 10.1%; Average loss: 3.1878  
Iteration: 405; Percent complete: 10.1%; Average loss: 2.7989  
Iteration: 406; Percent complete: 10.2%; Average loss: 2.8002  
Iteration: 407; Percent complete: 10.2%; Average loss: 3.1806  
Iteration: 408; Percent complete: 10.2%; Average loss: 3.2915  
Iteration: 409; Percent complete: 10.2%; Average loss: 3.4750  
Iteration: 410; Percent complete: 10.2%; Average loss: 3.1585  
Iteration: 411; Percent complete: 10.3%; Average loss: 3.5135  
Iteration: 412; Percent complete: 10.3%; Average loss: 3.0947  
Iteration: 413; Percent complete: 10.3%; Average loss: 3.2951  
Iteration: 414; Percent complete: 10.3%; Average loss: 2.9865  
Iteration: 415; Percent complete: 10.4%; Average loss: 3.2626  
Iteration: 416; Percent complete: 10.4%; Average loss: 3.7390

Iteration: 417; Percent complete: 10.4%; Average loss: 3.4028  
Iteration: 418; Percent complete: 10.4%; Average loss: 2.8880  
Iteration: 419; Percent complete: 10.5%; Average loss: 2.9630  
Iteration: 420; Percent complete: 10.5%; Average loss: 3.4259  
Iteration: 421; Percent complete: 10.5%; Average loss: 3.2222  
Iteration: 422; Percent complete: 10.5%; Average loss: 2.9169  
Iteration: 423; Percent complete: 10.6%; Average loss: 3.2342  
Iteration: 424; Percent complete: 10.6%; Average loss: 3.4254  
Iteration: 425; Percent complete: 10.6%; Average loss: 3.1396  
Iteration: 426; Percent complete: 10.7%; Average loss: 3.6691  
Iteration: 427; Percent complete: 10.7%; Average loss: 3.2802  
Iteration: 428; Percent complete: 10.7%; Average loss: 3.1047  
Iteration: 429; Percent complete: 10.7%; Average loss: 3.4922  
Iteration: 430; Percent complete: 10.8%; Average loss: 3.0699  
Iteration: 431; Percent complete: 10.8%; Average loss: 3.0797  
Iteration: 432; Percent complete: 10.8%; Average loss: 3.6241  
Iteration: 433; Percent complete: 10.8%; Average loss: 3.2259  
Iteration: 434; Percent complete: 10.8%; Average loss: 3.4722  
Iteration: 435; Percent complete: 10.9%; Average loss: 3.0730  
Iteration: 436; Percent complete: 10.9%; Average loss: 3.4033  
Iteration: 437; Percent complete: 10.9%; Average loss: 3.1542  
Iteration: 438; Percent complete: 10.9%; Average loss: 3.3982  
Iteration: 439; Percent complete: 11.0%; Average loss: 3.2700  
Iteration: 440; Percent complete: 11.0%; Average loss: 3.3031  
Iteration: 441; Percent complete: 11.0%; Average loss: 3.1851  
Iteration: 442; Percent complete: 11.1%; Average loss: 3.2720  
Iteration: 443; Percent complete: 11.1%; Average loss: 3.6041  
Iteration: 444; Percent complete: 11.1%; Average loss: 3.5278  
Iteration: 445; Percent complete: 11.1%; Average loss: 3.7768  
Iteration: 446; Percent complete: 11.2%; Average loss: 3.5520  
Iteration: 447; Percent complete: 11.2%; Average loss: 3.0510  
Iteration: 448; Percent complete: 11.2%; Average loss: 3.0974  
Iteration: 449; Percent complete: 11.2%; Average loss: 3.5078  
Iteration: 450; Percent complete: 11.2%; Average loss: 3.3462  
Iteration: 451; Percent complete: 11.3%; Average loss: 3.0940  
Iteration: 452; Percent complete: 11.3%; Average loss: 3.1178  
Iteration: 453; Percent complete: 11.3%; Average loss: 3.4375  
Iteration: 454; Percent complete: 11.3%; Average loss: 3.3624  
Iteration: 455; Percent complete: 11.4%; Average loss: 3.5376  
Iteration: 456; Percent complete: 11.4%; Average loss: 3.3815  
Iteration: 457; Percent complete: 11.4%; Average loss: 2.8974  
Iteration: 458; Percent complete: 11.5%; Average loss: 3.5089  
Iteration: 459; Percent complete: 11.5%; Average loss: 3.2860  
Iteration: 460; Percent complete: 11.5%; Average loss: 3.1318  
Iteration: 461; Percent complete: 11.5%; Average loss: 3.1354  
Iteration: 462; Percent complete: 11.6%; Average loss: 3.2925  
Iteration: 463; Percent complete: 11.6%; Average loss: 2.8198  
Iteration: 464; Percent complete: 11.6%; Average loss: 3.3153  
Iteration: 465; Percent complete: 11.6%; Average loss: 3.6251  
Iteration: 466; Percent complete: 11.7%; Average loss: 3.2742  
Iteration: 467; Percent complete: 11.7%; Average loss: 3.8859  
Iteration: 468; Percent complete: 11.7%; Average loss: 3.5823  
Iteration: 469; Percent complete: 11.7%; Average loss: 3.4254  
Iteration: 470; Percent complete: 11.8%; Average loss: 3.5340  
Iteration: 471; Percent complete: 11.8%; Average loss: 2.9599  
Iteration: 472; Percent complete: 11.8%; Average loss: 3.2116  
Iteration: 473; Percent complete: 11.8%; Average loss: 3.5085  
Iteration: 474; Percent complete: 11.8%; Average loss: 3.2930  
Iteration: 475; Percent complete: 11.9%; Average loss: 3.4736  
Iteration: 476; Percent complete: 11.9%; Average loss: 3.3881  
Iteration: 477; Percent complete: 11.9%; Average loss: 3.2020  
Iteration: 478; Percent complete: 11.9%; Average loss: 3.2537  
Iteration: 479; Percent complete: 12.0%; Average loss: 2.8459  
Iteration: 480; Percent complete: 12.0%; Average loss: 3.4067  
Iteration: 481; Percent complete: 12.0%; Average loss: 3.1046  
Iteration: 482; Percent complete: 12.0%; Average loss: 3.2628  
Iteration: 483; Percent complete: 12.1%; Average loss: 3.3117  
Iteration: 484; Percent complete: 12.1%; Average loss: 3.4675  
Iteration: 485; Percent complete: 12.1%; Average loss: 3.4352  
Iteration: 486; Percent complete: 12.2%; Average loss: 3.2706  
Iteration: 487; Percent complete: 12.2%; Average loss: 3.3584  
Iteration: 488; Percent complete: 12.2%; Average loss: 3.5854  
Iteration: 489; Percent complete: 12.2%; Average loss: 3.2176  
Iteration: 490; Percent complete: 12.2%; Average loss: 3.2805  
Iteration: 491; Percent complete: 12.3%; Average loss: 3.4436  
Iteration: 492; Percent complete: 12.3%; Average loss: 3.2753  
Iteration: 493; Percent complete: 12.3%; Average loss: 3.8307  
Iteration: 494; Percent complete: 12.3%; Average loss: 3.4107  
Iteration: 495; Percent complete: 12.4%; Average loss: 3.4334  
Iteration: 496; Percent complete: 12.4%; Average loss: 3.2204  
Iteration: 497; Percent complete: 12.4%; Average loss: 3.4122  
Iteration: 498; Percent complete: 12.4%; Average loss: 3.1605  
Iteration: 499; Percent complete: 12.5%; Average loss: 2.7598  
Iteration: 500; Percent complete: 12.5%; Average loss: 3.4455  
Iteration: 501; Percent complete: 12.5%; Average loss: 3.5162  
Iteration: 502; Percent complete: 12.6%; Average loss: 3.2490  
Iteration: 503; Percent complete: 12.6%; Average loss: 3.2275  
Iteration: 504; Percent complete: 12.6%; Average loss: 3.5605  
Iteration: 505; Percent complete: 12.6%; Average loss: 3.4002  
Iteration: 506; Percent complete: 12.7%; Average loss: 3.5663  
Iteration: 507; Percent complete: 12.7%; Average loss: 3.6219

Iteration: 508; Percent complete: 12.7%; Average loss: 3.5281  
Iteration: 509; Percent complete: 12.7%; Average loss: 3.2996  
Iteration: 510; Percent complete: 12.8%; Average loss: 3.3605  
Iteration: 511; Percent complete: 12.8%; Average loss: 3.0305  
Iteration: 512; Percent complete: 12.8%; Average loss: 2.9957  
Iteration: 513; Percent complete: 12.8%; Average loss: 2.9678  
Iteration: 514; Percent complete: 12.8%; Average loss: 2.9652  
Iteration: 515; Percent complete: 12.9%; Average loss: 3.5883  
Iteration: 516; Percent complete: 12.9%; Average loss: 3.3544  
Iteration: 517; Percent complete: 12.9%; Average loss: 3.4926  
Iteration: 518; Percent complete: 13.0%; Average loss: 3.3352  
Iteration: 519; Percent complete: 13.0%; Average loss: 3.3700  
Iteration: 520; Percent complete: 13.0%; Average loss: 3.4356  
Iteration: 521; Percent complete: 13.0%; Average loss: 3.1469  
Iteration: 522; Percent complete: 13.1%; Average loss: 3.5756  
Iteration: 523; Percent complete: 13.1%; Average loss: 3.1231  
Iteration: 524; Percent complete: 13.1%; Average loss: 3.5108  
Iteration: 525; Percent complete: 13.1%; Average loss: 3.3255  
Iteration: 526; Percent complete: 13.2%; Average loss: 3.4930  
Iteration: 527; Percent complete: 13.2%; Average loss: 3.0610  
Iteration: 528; Percent complete: 13.2%; Average loss: 3.7092  
Iteration: 529; Percent complete: 13.2%; Average loss: 3.0098  
Iteration: 530; Percent complete: 13.2%; Average loss: 3.3078  
Iteration: 531; Percent complete: 13.3%; Average loss: 2.8057  
Iteration: 532; Percent complete: 13.3%; Average loss: 3.2586  
Iteration: 533; Percent complete: 13.3%; Average loss: 3.5345  
Iteration: 534; Percent complete: 13.4%; Average loss: 3.3956  
Iteration: 535; Percent complete: 13.4%; Average loss: 3.5151  
Iteration: 536; Percent complete: 13.4%; Average loss: 3.2638  
Iteration: 537; Percent complete: 13.4%; Average loss: 2.9455  
Iteration: 538; Percent complete: 13.5%; Average loss: 3.2859  
Iteration: 539; Percent complete: 13.5%; Average loss: 3.1268  
Iteration: 540; Percent complete: 13.5%; Average loss: 3.3997  
Iteration: 541; Percent complete: 13.5%; Average loss: 3.3828  
Iteration: 542; Percent complete: 13.6%; Average loss: 3.2392  
Iteration: 543; Percent complete: 13.6%; Average loss: 3.0814  
Iteration: 544; Percent complete: 13.6%; Average loss: 3.2715  
Iteration: 545; Percent complete: 13.6%; Average loss: 3.5606  
Iteration: 546; Percent complete: 13.7%; Average loss: 3.2743  
Iteration: 547; Percent complete: 13.7%; Average loss: 3.4643  
Iteration: 548; Percent complete: 13.7%; Average loss: 3.2976  
Iteration: 549; Percent complete: 13.7%; Average loss: 3.3309  
Iteration: 550; Percent complete: 13.8%; Average loss: 3.4444  
Iteration: 551; Percent complete: 13.8%; Average loss: 3.1642  
Iteration: 552; Percent complete: 13.8%; Average loss: 3.3991  
Iteration: 553; Percent complete: 13.8%; Average loss: 3.0313  
Iteration: 554; Percent complete: 13.9%; Average loss: 3.5406  
Iteration: 555; Percent complete: 13.9%; Average loss: 3.6134  
Iteration: 556; Percent complete: 13.9%; Average loss: 2.9030  
Iteration: 557; Percent complete: 13.9%; Average loss: 3.6047  
Iteration: 558; Percent complete: 14.0%; Average loss: 3.2718  
Iteration: 559; Percent complete: 14.0%; Average loss: 3.4374  
Iteration: 560; Percent complete: 14.0%; Average loss: 3.5662  
Iteration: 561; Percent complete: 14.0%; Average loss: 3.8514  
Iteration: 562; Percent complete: 14.1%; Average loss: 3.5642  
Iteration: 563; Percent complete: 14.1%; Average loss: 3.1576  
Iteration: 564; Percent complete: 14.1%; Average loss: 3.4908  
Iteration: 565; Percent complete: 14.1%; Average loss: 3.5255  
Iteration: 566; Percent complete: 14.1%; Average loss: 3.2034  
Iteration: 567; Percent complete: 14.2%; Average loss: 3.3071  
Iteration: 568; Percent complete: 14.2%; Average loss: 3.2653  
Iteration: 569; Percent complete: 14.2%; Average loss: 3.6015  
Iteration: 570; Percent complete: 14.2%; Average loss: 3.0714  
Iteration: 571; Percent complete: 14.3%; Average loss: 3.3158  
Iteration: 572; Percent complete: 14.3%; Average loss: 3.0663  
Iteration: 573; Percent complete: 14.3%; Average loss: 3.7213  
Iteration: 574; Percent complete: 14.3%; Average loss: 3.4355  
Iteration: 575; Percent complete: 14.4%; Average loss: 3.0881  
Iteration: 576; Percent complete: 14.4%; Average loss: 3.7865  
Iteration: 577; Percent complete: 14.4%; Average loss: 3.4918  
Iteration: 578; Percent complete: 14.4%; Average loss: 3.5069  
Iteration: 579; Percent complete: 14.5%; Average loss: 3.5589  
Iteration: 580; Percent complete: 14.5%; Average loss: 3.3892  
Iteration: 581; Percent complete: 14.5%; Average loss: 3.3584  
Iteration: 582; Percent complete: 14.5%; Average loss: 3.3408  
Iteration: 583; Percent complete: 14.6%; Average loss: 3.2533  
Iteration: 584; Percent complete: 14.6%; Average loss: 3.3147  
Iteration: 585; Percent complete: 14.6%; Average loss: 3.3118  
Iteration: 586; Percent complete: 14.6%; Average loss: 3.2136  
Iteration: 587; Percent complete: 14.7%; Average loss: 3.3589  
Iteration: 588; Percent complete: 14.7%; Average loss: 3.4307  
Iteration: 589; Percent complete: 14.7%; Average loss: 3.1779  
Iteration: 590; Percent complete: 14.8%; Average loss: 3.5385  
Iteration: 591; Percent complete: 14.8%; Average loss: 3.5823  
Iteration: 592; Percent complete: 14.8%; Average loss: 3.6767  
Iteration: 593; Percent complete: 14.8%; Average loss: 3.2465  
Iteration: 594; Percent complete: 14.8%; Average loss: 3.5148  
Iteration: 595; Percent complete: 14.9%; Average loss: 3.3603  
Iteration: 596; Percent complete: 14.9%; Average loss: 3.5220  
Iteration: 597; Percent complete: 14.9%; Average loss: 3.5268  
Iteration: 598; Percent complete: 14.9%; Average loss: 3.0133



Iteration: 599; Percent complete: 15.0%; Average loss: 3.2828  
Iteration: 600; Percent complete: 15.0%; Average loss: 3.3632  
Iteration: 601; Percent complete: 15.0%; Average loss: 3.4147  
Iteration: 602; Percent complete: 15.0%; Average loss: 3.5372  
Iteration: 603; Percent complete: 15.1%; Average loss: 3.2484  
Iteration: 604; Percent complete: 15.1%; Average loss: 3.3851  
Iteration: 605; Percent complete: 15.1%; Average loss: 3.2150  
Iteration: 606; Percent complete: 15.2%; Average loss: 2.7942  
Iteration: 607; Percent complete: 15.2%; Average loss: 3.5889  
Iteration: 608; Percent complete: 15.2%; Average loss: 2.9794  
Iteration: 609; Percent complete: 15.2%; Average loss: 3.5566  
Iteration: 610; Percent complete: 15.2%; Average loss: 3.2934  
Iteration: 611; Percent complete: 15.3%; Average loss: 3.3396  
Iteration: 612; Percent complete: 15.3%; Average loss: 3.6320  
Iteration: 613; Percent complete: 15.3%; Average loss: 3.2979  
Iteration: 614; Percent complete: 15.3%; Average loss: 3.5466  
Iteration: 615; Percent complete: 15.4%; Average loss: 3.1997  
Iteration: 616; Percent complete: 15.4%; Average loss: 2.9855  
Iteration: 617; Percent complete: 15.4%; Average loss: 3.1202  
Iteration: 618; Percent complete: 15.4%; Average loss: 3.3893  
Iteration: 619; Percent complete: 15.5%; Average loss: 3.3005  
Iteration: 620; Percent complete: 15.5%; Average loss: 3.3683  
Iteration: 621; Percent complete: 15.5%; Average loss: 3.7210  
Iteration: 622; Percent complete: 15.6%; Average loss: 2.8294  
Iteration: 623; Percent complete: 15.6%; Average loss: 3.1992  
Iteration: 624; Percent complete: 15.6%; Average loss: 3.2752  
Iteration: 625; Percent complete: 15.6%; Average loss: 3.3309  
Iteration: 626; Percent complete: 15.7%; Average loss: 3.2757  
Iteration: 627; Percent complete: 15.7%; Average loss: 3.1158  
Iteration: 628; Percent complete: 15.7%; Average loss: 3.3369  
Iteration: 629; Percent complete: 15.7%; Average loss: 3.2611  
Iteration: 630; Percent complete: 15.8%; Average loss: 3.1974  
Iteration: 631; Percent complete: 15.8%; Average loss: 3.1557  
Iteration: 632; Percent complete: 15.8%; Average loss: 3.1819  
Iteration: 633; Percent complete: 15.8%; Average loss: 3.3445  
Iteration: 634; Percent complete: 15.8%; Average loss: 3.6215  
Iteration: 635; Percent complete: 15.9%; Average loss: 3.2245  
Iteration: 636; Percent complete: 15.9%; Average loss: 3.3237  
Iteration: 637; Percent complete: 15.9%; Average loss: 3.3873  
Iteration: 638; Percent complete: 16.0%; Average loss: 3.4132  
Iteration: 639; Percent complete: 16.0%; Average loss: 3.5840  
Iteration: 640; Percent complete: 16.0%; Average loss: 3.3563  
Iteration: 641; Percent complete: 16.0%; Average loss: 3.3895  
Iteration: 642; Percent complete: 16.1%; Average loss: 2.9733  
Iteration: 643; Percent complete: 16.1%; Average loss: 3.5966  
Iteration: 644; Percent complete: 16.1%; Average loss: 3.5103  
Iteration: 645; Percent complete: 16.1%; Average loss: 3.3140  
Iteration: 646; Percent complete: 16.2%; Average loss: 3.4207  
Iteration: 647; Percent complete: 16.2%; Average loss: 3.3388  
Iteration: 648; Percent complete: 16.2%; Average loss: 3.7222  
Iteration: 649; Percent complete: 16.2%; Average loss: 3.5378  
Iteration: 650; Percent complete: 16.2%; Average loss: 3.2811  
Iteration: 651; Percent complete: 16.3%; Average loss: 3.3319  
Iteration: 652; Percent complete: 16.3%; Average loss: 3.2976  
Iteration: 653; Percent complete: 16.3%; Average loss: 3.0673  
Iteration: 654; Percent complete: 16.4%; Average loss: 3.5661  
Iteration: 655; Percent complete: 16.4%; Average loss: 3.1985  
Iteration: 656; Percent complete: 16.4%; Average loss: 3.3021  
Iteration: 657; Percent complete: 16.4%; Average loss: 3.1810  
Iteration: 658; Percent complete: 16.4%; Average loss: 3.1062  
Iteration: 659; Percent complete: 16.5%; Average loss: 3.4452  
Iteration: 660; Percent complete: 16.5%; Average loss: 3.4150  
Iteration: 661; Percent complete: 16.5%; Average loss: 3.1442  
Iteration: 662; Percent complete: 16.6%; Average loss: 3.6395  
Iteration: 663; Percent complete: 16.6%; Average loss: 3.5884  
Iteration: 664; Percent complete: 16.6%; Average loss: 3.6656  
Iteration: 665; Percent complete: 16.6%; Average loss: 3.1173  
Iteration: 666; Percent complete: 16.7%; Average loss: 3.9422  
Iteration: 667; Percent complete: 16.7%; Average loss: 2.6559  
Iteration: 668; Percent complete: 16.7%; Average loss: 3.5020  
Iteration: 669; Percent complete: 16.7%; Average loss: 3.7260  
Iteration: 670; Percent complete: 16.8%; Average loss: 3.2648  
Iteration: 671; Percent complete: 16.8%; Average loss: 3.6544  
Iteration: 672; Percent complete: 16.8%; Average loss: 3.1244  
Iteration: 673; Percent complete: 16.8%; Average loss: 3.3549  
Iteration: 674; Percent complete: 16.9%; Average loss: 3.6094  
Iteration: 675; Percent complete: 16.9%; Average loss: 3.4949  
Iteration: 676; Percent complete: 16.9%; Average loss: 2.8671  
Iteration: 677; Percent complete: 16.9%; Average loss: 3.5160  
Iteration: 678; Percent complete: 17.0%; Average loss: 3.6081  
Iteration: 679; Percent complete: 17.0%; Average loss: 3.2540  
Iteration: 680; Percent complete: 17.0%; Average loss: 3.5262  
Iteration: 681; Percent complete: 17.0%; Average loss: 3.4194  
Iteration: 682; Percent complete: 17.1%; Average loss: 3.0865  
Iteration: 683; Percent complete: 17.1%; Average loss: 3.9452  
Iteration: 684; Percent complete: 17.1%; Average loss: 3.3556  
Iteration: 685; Percent complete: 17.1%; Average loss: 3.4621  
Iteration: 686; Percent complete: 17.2%; Average loss: 3.9216  
Iteration: 687; Percent complete: 17.2%; Average loss: 3.7881  
Iteration: 688; Percent complete: 17.2%; Average loss: 3.5120  
Iteration: 689; Percent complete: 17.2%; Average loss: 3.4723  
Iteration: 690; Percent complete: 17.2%; Average loss: 2.8280

|            |      |                   |        |               |        |
|------------|------|-------------------|--------|---------------|--------|
| Iteration: | 690; | Percent complete: | 17.2%; | Average loss: | 3.8369 |
| Iteration: | 691; | Percent complete: | 17.3%; | Average loss: | 3.4949 |
| Iteration: | 692; | Percent complete: | 17.3%; | Average loss: | 3.0125 |
| Iteration: | 693; | Percent complete: | 17.3%; | Average loss: | 3.4479 |
| Iteration: | 694; | Percent complete: | 17.3%; | Average loss: | 3.3448 |
| Iteration: | 695; | Percent complete: | 17.4%; | Average loss: | 3.1308 |
| Iteration: | 696; | Percent complete: | 17.4%; | Average loss: | 3.4534 |
| Iteration: | 697; | Percent complete: | 17.4%; | Average loss: | 3.3959 |
| Iteration: | 698; | Percent complete: | 17.4%; | Average loss: | 3.3003 |
| Iteration: | 699; | Percent complete: | 17.5%; | Average loss: | 3.4474 |
| Iteration: | 700; | Percent complete: | 17.5%; | Average loss: | 3.1698 |
| Iteration: | 701; | Percent complete: | 17.5%; | Average loss: | 3.6843 |
| Iteration: | 702; | Percent complete: | 17.5%; | Average loss: | 3.6824 |
| Iteration: | 703; | Percent complete: | 17.6%; | Average loss: | 3.5756 |
| Iteration: | 704; | Percent complete: | 17.6%; | Average loss: | 3.3741 |
| Iteration: | 705; | Percent complete: | 17.6%; | Average loss: | 3.0877 |
| Iteration: | 706; | Percent complete: | 17.6%; | Average loss: | 3.4574 |
| Iteration: | 707; | Percent complete: | 17.7%; | Average loss: | 3.4860 |
| Iteration: | 708; | Percent complete: | 17.7%; | Average loss: | 3.3170 |
| Iteration: | 709; | Percent complete: | 17.7%; | Average loss: | 3.0581 |
| Iteration: | 710; | Percent complete: | 17.8%; | Average loss: | 3.0469 |
| Iteration: | 711; | Percent complete: | 17.8%; | Average loss: | 3.3305 |
| Iteration: | 712; | Percent complete: | 17.8%; | Average loss: | 3.1416 |
| Iteration: | 713; | Percent complete: | 17.8%; | Average loss: | 3.1267 |
| Iteration: | 714; | Percent complete: | 17.8%; | Average loss: | 3.1605 |
| Iteration: | 715; | Percent complete: | 17.9%; | Average loss: | 3.2566 |
| Iteration: | 716; | Percent complete: | 17.9%; | Average loss: | 3.4448 |
| Iteration: | 717; | Percent complete: | 17.9%; | Average loss: | 3.3553 |
| Iteration: | 718; | Percent complete: | 17.9%; | Average loss: | 3.3581 |
| Iteration: | 719; | Percent complete: | 18.0%; | Average loss: | 3.4228 |
| Iteration: | 720; | Percent complete: | 18.0%; | Average loss: | 3.3796 |
| Iteration: | 721; | Percent complete: | 18.0%; | Average loss: | 2.9972 |
| Iteration: | 722; | Percent complete: | 18.1%; | Average loss: | 3.6534 |
| Iteration: | 723; | Percent complete: | 18.1%; | Average loss: | 3.5246 |
| Iteration: | 724; | Percent complete: | 18.1%; | Average loss: | 3.2841 |
| Iteration: | 725; | Percent complete: | 18.1%; | Average loss: | 3.4841 |
| Iteration: | 726; | Percent complete: | 18.1%; | Average loss: | 3.3388 |
| Iteration: | 727; | Percent complete: | 18.2%; | Average loss: | 3.1981 |
| Iteration: | 728; | Percent complete: | 18.2%; | Average loss: | 3.0361 |
| Iteration: | 729; | Percent complete: | 18.2%; | Average loss: | 3.0621 |
| Iteration: | 730; | Percent complete: | 18.2%; | Average loss: | 3.2795 |
| Iteration: | 731; | Percent complete: | 18.3%; | Average loss: | 3.2812 |
| Iteration: | 732; | Percent complete: | 18.3%; | Average loss: | 3.6350 |
| Iteration: | 733; | Percent complete: | 18.3%; | Average loss: | 3.5633 |
| Iteration: | 734; | Percent complete: | 18.4%; | Average loss: | 3.4373 |
| Iteration: | 735; | Percent complete: | 18.4%; | Average loss: | 3.6287 |
| Iteration: | 736; | Percent complete: | 18.4%; | Average loss: | 3.4711 |
| Iteration: | 737; | Percent complete: | 18.4%; | Average loss: | 3.3037 |
| Iteration: | 738; | Percent complete: | 18.4%; | Average loss: | 3.2187 |
| Iteration: | 739; | Percent complete: | 18.5%; | Average loss: | 3.7134 |
| Iteration: | 740; | Percent complete: | 18.5%; | Average loss: | 3.5801 |
| Iteration: | 741; | Percent complete: | 18.5%; | Average loss: | 3.3661 |
| Iteration: | 742; | Percent complete: | 18.6%; | Average loss: | 3.3257 |
| Iteration: | 743; | Percent complete: | 18.6%; | Average loss: | 3.4818 |
| Iteration: | 744; | Percent complete: | 18.6%; | Average loss: | 3.2519 |
| Iteration: | 745; | Percent complete: | 18.6%; | Average loss: | 3.0583 |
| Iteration: | 746; | Percent complete: | 18.6%; | Average loss: | 3.4637 |
| Iteration: | 747; | Percent complete: | 18.7%; | Average loss: | 3.2300 |
| Iteration: | 748; | Percent complete: | 18.7%; | Average loss: | 3.6098 |
| Iteration: | 749; | Percent complete: | 18.7%; | Average loss: | 3.4005 |
| Iteration: | 750; | Percent complete: | 18.8%; | Average loss: | 3.8655 |
| Iteration: | 751; | Percent complete: | 18.8%; | Average loss: | 3.1860 |
| Iteration: | 752; | Percent complete: | 18.8%; | Average loss: | 3.3081 |
| Iteration: | 753; | Percent complete: | 18.8%; | Average loss: | 3.5184 |
| Iteration: | 754; | Percent complete: | 18.9%; | Average loss: | 3.0235 |
| Iteration: | 755; | Percent complete: | 18.9%; | Average loss: | 3.7378 |
| Iteration: | 756; | Percent complete: | 18.9%; | Average loss: | 3.3373 |
| Iteration: | 757; | Percent complete: | 18.9%; | Average loss: | 3.4004 |
| Iteration: | 758; | Percent complete: | 18.9%; | Average loss: | 3.6289 |
| Iteration: | 759; | Percent complete: | 19.0%; | Average loss: | 3.2767 |
| Iteration: | 760; | Percent complete: | 19.0%; | Average loss: | 3.6090 |
| Iteration: | 761; | Percent complete: | 19.0%; | Average loss: | 3.3050 |
| Iteration: | 762; | Percent complete: | 19.1%; | Average loss: | 3.3112 |
| Iteration: | 763; | Percent complete: | 19.1%; | Average loss: | 3.5955 |
| Iteration: | 764; | Percent complete: | 19.1%; | Average loss: | 3.2217 |
| Iteration: | 765; | Percent complete: | 19.1%; | Average loss: | 3.1263 |
| Iteration: | 766; | Percent complete: | 19.1%; | Average loss: | 3.4946 |
| Iteration: | 767  |                   |        |               |        |

Iteration: 782; Percent complete: 19.6%; Average loss: 3.2440  
Iteration: 783; Percent complete: 19.6%; Average loss: 3.1555  
Iteration: 784; Percent complete: 19.6%; Average loss: 3.4886  
Iteration: 785; Percent complete: 19.6%; Average loss: 3.1790  
Iteration: 786; Percent complete: 19.7%; Average loss: 3.4567  
Iteration: 787; Percent complete: 19.7%; Average loss: 3.9595  
Iteration: 788; Percent complete: 19.7%; Average loss: 3.0311  
Iteration: 789; Percent complete: 19.7%; Average loss: 3.4938  
Iteration: 790; Percent complete: 19.8%; Average loss: 3.7832  
Iteration: 791; Percent complete: 19.8%; Average loss: 3.5611  
Iteration: 792; Percent complete: 19.8%; Average loss: 3.2494  
Iteration: 793; Percent complete: 19.8%; Average loss: 3.5607  
Iteration: 794; Percent complete: 19.9%; Average loss: 3.3573  
Iteration: 795; Percent complete: 19.9%; Average loss: 3.2687  
Iteration: 796; Percent complete: 19.9%; Average loss: 3.4477  
Iteration: 797; Percent complete: 19.9%; Average loss: 3.4383  
Iteration: 798; Percent complete: 20.0%; Average loss: 3.3534  
Iteration: 799; Percent complete: 20.0%; Average loss: 3.3708  
Iteration: 800; Percent complete: 20.0%; Average loss: 3.4068  
Iteration: 801; Percent complete: 20.0%; Average loss: 3.6153  
Iteration: 802; Percent complete: 20.1%; Average loss: 2.9416  
Iteration: 803; Percent complete: 20.1%; Average loss: 3.1266  
Iteration: 804; Percent complete: 20.1%; Average loss: 3.2735  
Iteration: 805; Percent complete: 20.1%; Average loss: 3.5830  
Iteration: 806; Percent complete: 20.2%; Average loss: 3.7036  
Iteration: 807; Percent complete: 20.2%; Average loss: 3.6603  
Iteration: 808; Percent complete: 20.2%; Average loss: 3.6640  
Iteration: 809; Percent complete: 20.2%; Average loss: 3.2344  
Iteration: 810; Percent complete: 20.2%; Average loss: 3.6786  
Iteration: 811; Percent complete: 20.3%; Average loss: 3.3443  
Iteration: 812; Percent complete: 20.3%; Average loss: 2.8765  
Iteration: 813; Percent complete: 20.3%; Average loss: 3.7895  
Iteration: 814; Percent complete: 20.3%; Average loss: 3.3138  
Iteration: 815; Percent complete: 20.4%; Average loss: 3.6719  
Iteration: 816; Percent complete: 20.4%; Average loss: 3.5799  
Iteration: 817; Percent complete: 20.4%; Average loss: 3.4896  
Iteration: 818; Percent complete: 20.4%; Average loss: 3.5393  
Iteration: 819; Percent complete: 20.5%; Average loss: 3.3713  
Iteration: 820; Percent complete: 20.5%; Average loss: 3.6278  
Iteration: 821; Percent complete: 20.5%; Average loss: 3.0727  
Iteration: 822; Percent complete: 20.5%; Average loss: 3.5230  
Iteration: 823; Percent complete: 20.6%; Average loss: 3.4264  
Iteration: 824; Percent complete: 20.6%; Average loss: 3.8151  
Iteration: 825; Percent complete: 20.6%; Average loss: 3.5641  
Iteration: 826; Percent complete: 20.6%; Average loss: 3.1875  
Iteration: 827; Percent complete: 20.7%; Average loss: 3.4286  
Iteration: 828; Percent complete: 20.7%; Average loss: 3.5613  
Iteration: 829; Percent complete: 20.7%; Average loss: 3.6320  
Iteration: 830; Percent complete: 20.8%; Average loss: 3.2926  
Iteration: 831; Percent complete: 20.8%; Average loss: 3.5114  
Iteration: 832; Percent complete: 20.8%; Average loss: 3.3156  
Iteration: 833; Percent complete: 20.8%; Average loss: 3.3055  
Iteration: 834; Percent complete: 20.8%; Average loss: 3.4069  
Iteration: 835; Percent complete: 20.9%; Average loss: 3.3551  
Iteration: 836; Percent complete: 20.9%; Average loss: 3.5577  
Iteration: 837; Percent complete: 20.9%; Average loss: 3.0343  
Iteration: 838; Percent complete: 20.9%; Average loss: 3.2584  
Iteration: 839; Percent complete: 21.0%; Average loss: 3.7124  
Iteration: 840; Percent complete: 21.0%; Average loss: 3.5792  
Iteration: 841; Percent complete: 21.0%; Average loss: 3.3423  
Iteration: 842; Percent complete: 21.1%; Average loss: 3.3198  
Iteration: 843; Percent complete: 21.1%; Average loss: 3.2778  
Iteration: 844; Percent complete: 21.1%; Average loss: 3.3706  
Iteration: 845; Percent complete: 21.1%; Average loss: 3.7165  
Iteration: 846; Percent complete: 21.1%; Average loss: 3.7303  
Iteration: 847; Percent complete: 21.2%; Average loss: 3.2699  
Iteration: 848; Percent complete: 21.2%; Average loss: 3.6435  
Iteration: 849; Percent complete: 21.2%; Average loss: 3.1331  
Iteration: 850; Percent complete: 21.2%; Average loss: 3.2932  
Iteration: 851; Percent complete: 21.3%; Average loss: 3.5028  
Iteration: 852; Percent complete: 21.3%; Average loss: 3.6949  
Iteration: 853; Percent complete: 21.3%; Average loss: 3.5061  
Iteration: 854; Percent complete: 21.3%; Average loss: 3.5403  
Iteration: 855; Percent complete: 21.4%; Average loss: 3.2350  
Iteration: 856; Percent complete: 21.4%; Average loss: 3.4088  
Iteration: 857; Percent complete: 21.4%; Average loss: 3.2045  
Iteration: 858; Percent complete: 21.4%; Average loss: 3.2865  
Iteration: 859; Percent complete: 21.5%; Average loss: 3.2724  
Iteration: 860; Percent complete: 21.5%; Average loss: 3.3568  
Iteration: 861; Percent complete: 21.5%; Average loss: 3.6673  
Iteration: 862; Percent complete: 21.6%; Average loss: 3.5483  
Iteration: 863; Percent complete: 21.6%; Average loss: 3.5115  
Iteration: 864; Percent complete: 21.6%; Average loss: 3.5189  
Iteration: 865; Percent complete: 21.6%; Average loss: 3.5490  
Iteration: 866; Percent complete: 21.6%; Average loss: 3.5976  
Iteration: 867; Percent complete: 21.7%; Average loss: 3.3817  
Iteration: 868; Percent complete: 21.7%; Average loss: 3.3569  
Iteration: 869; Percent complete: 21.7%; Average loss: 3.3381  
Iteration: 870; Percent complete: 21.8%; Average loss: 3.1657  
Iteration: 871; Percent complete: 21.8%; Average loss: 3.6646  
Iteration: 872; Percent complete: 21.8%; Average loss: 3.3334

|                 |                   |        |               |        |
|-----------------|-------------------|--------|---------------|--------|
| Iteration: 873; | Percent complete: | 21.8%; | Average loss: | 3.9602 |
| Iteration: 874; | Percent complete: | 21.9%; | Average loss: | 3.1614 |
| Iteration: 875; | Percent complete: | 21.9%; | Average loss: | 3.4450 |
| Iteration: 876; | Percent complete: | 21.9%; | Average loss: | 3.2893 |
| Iteration: 877; | Percent complete: | 21.9%; | Average loss: | 3.6382 |
| Iteration: 878; | Percent complete: | 21.9%; | Average loss: | 3.7999 |
| Iteration: 879; | Percent complete: | 22.0%; | Average loss: | 3.5858 |
| Iteration: 880; | Percent complete: | 22.0%; | Average loss: | 3.3225 |
| Iteration: 881; | Percent complete: | 22.0%; | Average loss: | 3.4968 |
| Iteration: 882; | Percent complete: | 22.1%; | Average loss: | 3.2826 |
| Iteration: 883; | Percent complete: | 22.1%; | Average loss: | 3.6631 |
| Iteration: 884; | Percent complete: | 22.1%; | Average loss: | 3.7004 |
| Iteration: 885; | Percent complete: | 22.1%; | Average loss: | 3.5406 |
| Iteration: 886; | Percent complete: | 22.1%; | Average loss: | 3.4497 |
| Iteration: 887; | Percent complete: | 22.2%; | Average loss: | 3.3935 |
| Iteration: 888; | Percent complete: | 22.2%; | Average loss: | 3.6193 |
| Iteration: 889; | Percent complete: | 22.2%; | Average loss: | 3.5693 |
| Iteration: 890; | Percent complete: | 22.2%; | Average loss: | 3.4617 |
| Iteration: 891; | Percent complete: | 22.3%; | Average loss: | 3.2262 |
| Iteration: 892; | Percent complete: | 22.3%; | Average loss: | 3.2649 |
| Iteration: 893; | Percent complete: | 22.3%; | Average loss: | 3.3001 |
| Iteration: 894; | Percent complete: | 22.4%; | Average loss: | 3.4959 |
| Iteration: 895; | Percent complete: | 22.4%; | Average loss: | 3.3248 |
| Iteration: 896; | Percent complete: | 22.4%; | Average loss: | 3.4325 |
| Iteration: 897; | Percent complete: | 22.4%; | Average loss: | 3.7463 |
| Iteration: 898; | Percent complete: | 22.4%; | Average loss: | 3.4365 |
| Iteration: 899; | Percent complete: | 22.5%; | Average loss: | 3.5065 |
| Iteration: 900; | Percent complete: | 22.5%; | Average loss: | 3.4001 |
| Iteration: 901; | Percent complete: | 22.5%; | Average loss: | 3.5927 |
| Iteration: 902; | Percent complete: | 22.6%; | Average loss: | 3.3687 |
| Iteration: 903; | Percent complete: | 22.6%; | Average loss: | 3.3429 |
| Iteration: 904; | Percent complete: | 22.6%; | Average loss: | 3.3941 |
| Iteration: 905; | Percent complete: | 22.6%; | Average loss: | 3.4496 |
| Iteration: 906; | Percent complete: | 22.7%; | Average loss: | 3.5837 |
| Iteration: 907; | Percent complete: | 22.7%; | Average loss: | 3.6099 |
| Iteration: 908; | Percent complete: | 22.7%; | Average loss: | 3.3484 |
| Iteration: 909; | Percent complete: | 22.7%; | Average loss: | 3.6592 |
| Iteration: 910; | Percent complete: | 22.8%; | Average loss: | 3.5370 |
| Iteration: 911; | Percent complete: | 22.8%; | Average loss: | 3.6288 |
| Iteration: 912; | Percent complete: | 22.8%; | Average loss: | 3.6083 |
| Iteration: 913; | Percent complete: | 22.8%; | Average loss: | 3.3733 |
| Iteration: 914; | Percent complete: | 22.9%; | Average loss: | 3.7447 |
| Iteration: 915; | Percent complete: | 22.9%; | Average loss: | 3.1585 |
| Iteration: 916; | Percent complete: | 22.9%; | Average loss: | 3.4857 |
| Iteration: 917; | Percent complete: | 22.9%; | Average loss: | 3.4482 |
| Iteration: 918; | Percent complete: | 22.9%; | Average loss: | 3.8602 |
| Iteration: 919; | Percent complete: | 23.0%; | Average loss: | 3.3929 |
| Iteration: 920; | Percent complete: | 23.0%; | Average loss: | 3.1764 |
| Iteration: 921; | Percent complete: | 23.0%; | Average loss: | 3.2902 |
| Iteration: 922; | Percent complete: | 23.1%; | Average loss: | 3.3992 |
| Iteration: 923; | Percent complete: | 23.1%; | Average loss: | 3.4635 |
| Iteration: 924; | Percent complete: | 23.1%; | Average loss: | 3.6573 |
| Iteration: 925; | Percent complete: | 23.1%; | Average loss: | 3.5597 |
| Iteration: 926; | Percent complete: | 23.2%; | Average loss: | 3.6819 |
| Iteration: 927; | Percent complete: | 23.2%; | Average loss: | 3.6945 |
| Iteration: 928; | Percent complete: | 23.2%; | Average loss: | 3.2477 |
| Iteration: 929; | Percent complete: | 23.2%; | Average loss: | 3.3567 |
| Iteration: 930; | Percent complete: | 23.2%; | Average loss: | 3.4068 |
| Iteration: 931; | Percent complete: | 23.3%; | Average loss: | 3.3788 |
| Iteration: 932; | Percent complete: | 23.3%; | Average loss: | 3.5760 |
| Iteration: 933; | Percent complete: | 23.3%; | Average loss: | 3.3151 |
| Iteration: 934; | Percent complete: | 23.4%; | Average loss: | 3.5562 |
| Iteration: 935; | Percent complete: | 23.4%; | Average loss: | 3.6505 |
| Iteration: 936; | Percent complete: | 23.4%; | Average loss: | 3.3394 |
| Iteration: 937; | Percent complete: | 23.4%; | Average loss: | 3.4454 |
| Iteration: 938; | Percent complete: | 23.4%; | Average loss: | 3.5393 |
| Iteration: 939; | Percent complete: | 23.5%; | Average loss: | 3.5495 |
| Iteration: 940; | Percent complete: | 23.5%; | Average loss: | 3.3981 |
| Iteration: 941; | Percent complete: | 23.5%; | Average loss: | 3.5439 |
| Iteration: 942; | Percent complete: | 23.5%; | Average loss: | 3.3510 |
| Iteration: 943; | Percent complete: | 23.6%; | Average loss: | 3.5639 |
| Iteration: 944; | Percent complete: | 23.6%; | Average loss: | 3.0688 |
| Iteration: 945; | Percent complete: | 23.6%; | Average loss: | 3.6906 |
| Iteration: 946; | Percent complete: | 23.6%; | Average loss: | 3.0284 |
| Iteration: 947; | Percent complete: | 23.7%; | Average loss: | 3.7676 |
| Iteration: 948; | Percent complete: | 23.7%; | Average loss: | 3.0941 |
| Iteration: 949; | Percent complete: | 23.7%; | Average loss: | 3.2175 |
| Iteration: 950; | Percent complete: | 23.8%; | Average loss: | 3.4719 |
| Iteration: 951; | Percent complete: | 23.8%; | Average loss: | 3.6802 |
| Iteration: 952; | Percent complete: | 23.8%; | Average loss: | 3.2035 |
| Iteration: 953; | Percent complete: | 23.8%; | Average loss: | 3.1579 |
| Iteration: 954; | Percent complete: | 23.8%; | Average loss: | 3.745  |

Iteration: 964; Percent complete: 24.1%; Average loss: 3.5930  
Iteration: 965; Percent complete: 24.1%; Average loss: 3.7431  
Iteration: 966; Percent complete: 24.1%; Average loss: 3.3739  
Iteration: 967; Percent complete: 24.2%; Average loss: 3.4597  
Iteration: 968; Percent complete: 24.2%; Average loss: 3.6343  
Iteration: 969; Percent complete: 24.2%; Average loss: 3.5218  
Iteration: 970; Percent complete: 24.2%; Average loss: 3.3936  
Iteration: 971; Percent complete: 24.3%; Average loss: 3.3572  
Iteration: 972; Percent complete: 24.3%; Average loss: 3.4167  
Iteration: 973; Percent complete: 24.3%; Average loss: 3.7257  
Iteration: 974; Percent complete: 24.3%; Average loss: 3.1936  
Iteration: 975; Percent complete: 24.4%; Average loss: 3.6832  
Iteration: 976; Percent complete: 24.4%; Average loss: 3.3412  
Iteration: 977; Percent complete: 24.4%; Average loss: 3.5089  
Iteration: 978; Percent complete: 24.4%; Average loss: 3.2337  
Iteration: 979; Percent complete: 24.5%; Average loss: 3.7396  
Iteration: 980; Percent complete: 24.5%; Average loss: 3.4232  
Iteration: 981; Percent complete: 24.5%; Average loss: 3.3427  
Iteration: 982; Percent complete: 24.6%; Average loss: 3.5333  
Iteration: 983; Percent complete: 24.6%; Average loss: 4.0372  
Iteration: 984; Percent complete: 24.6%; Average loss: 3.5669  
Iteration: 985; Percent complete: 24.6%; Average loss: 3.7600  
Iteration: 986; Percent complete: 24.6%; Average loss: 3.3677  
Iteration: 987; Percent complete: 24.7%; Average loss: 3.4186  
Iteration: 988; Percent complete: 24.7%; Average loss: 3.6682  
Iteration: 989; Percent complete: 24.7%; Average loss: 3.7549  
Iteration: 990; Percent complete: 24.8%; Average loss: 3.4308  
Iteration: 991; Percent complete: 24.8%; Average loss: 3.6247  
Iteration: 992; Percent complete: 24.8%; Average loss: 3.5351  
Iteration: 993; Percent complete: 24.8%; Average loss: 3.5050  
Iteration: 994; Percent complete: 24.9%; Average loss: 3.5517  
Iteration: 995; Percent complete: 24.9%; Average loss: 3.5779  
Iteration: 996; Percent complete: 24.9%; Average loss: 3.7167  
Iteration: 997; Percent complete: 24.9%; Average loss: 3.7127  
Iteration: 998; Percent complete: 24.9%; Average loss: 3.4849  
Iteration: 999; Percent complete: 25.0%; Average loss: 3.6087  
Iteration: 1000; Percent complete: 25.0%; Average loss: 3.6687  
Iteration: 1001; Percent complete: 25.0%; Average loss: 3.2538  
Iteration: 1002; Percent complete: 25.1%; Average loss: 3.6421  
Iteration: 1003; Percent complete: 25.1%; Average loss: 3.2320  
Iteration: 1004; Percent complete: 25.1%; Average loss: 3.2710  
Iteration: 1005; Percent complete: 25.1%; Average loss: 3.4142  
Iteration: 1006; Percent complete: 25.1%; Average loss: 3.4516  
Iteration: 1007; Percent complete: 25.2%; Average loss: 3.3024  
Iteration: 1008; Percent complete: 25.2%; Average loss: 3.3962  
Iteration: 1009; Percent complete: 25.2%; Average loss: 3.3644  
Iteration: 1010; Percent complete: 25.2%; Average loss: 3.0570  
Iteration: 1011; Percent complete: 25.3%; Average loss: 3.7147  
Iteration: 1012; Percent complete: 25.3%; Average loss: 3.6759  
Iteration: 1013; Percent complete: 25.3%; Average loss: 3.7533  
Iteration: 1014; Percent complete: 25.4%; Average loss: 3.3562  
Iteration: 1015; Percent complete: 25.4%; Average loss: 3.5212  
Iteration: 1016; Percent complete: 25.4%; Average loss: 3.2789  
Iteration: 1017; Percent complete: 25.4%; Average loss: 3.7742  
Iteration: 1018; Percent complete: 25.4%; Average loss: 3.1634  
Iteration: 1019; Percent complete: 25.5%; Average loss: 3.9460  
Iteration: 1020; Percent complete: 25.5%; Average loss: 3.6807  
Iteration: 1021; Percent complete: 25.5%; Average loss: 3.4039  
Iteration: 1022; Percent complete: 25.6%; Average loss: 3.6608  
Iteration: 1023; Percent complete: 25.6%; Average loss: 3.5979  
Iteration: 1024; Percent complete: 25.6%; Average loss: 4.0231  
Iteration: 1025; Percent complete: 25.6%; Average loss: 3.3175  
Iteration: 1026; Percent complete: 25.7%; Average loss: 3.3271  
Iteration: 1027; Percent complete: 25.7%; Average loss: 3.4385  
Iteration: 1028; Percent complete: 25.7%; Average loss: 3.2818  
Iteration: 1029; Percent complete: 25.7%; Average loss: 3.2594  
Iteration: 1030; Percent complete: 25.8%; Average loss: 3.6775  
Iteration: 1031; Percent complete: 25.8%; Average loss: 3.9890  
Iteration: 1032; Percent complete: 25.8%; Average loss: 3.2445  
Iteration: 1033; Percent complete: 25.8%; Average loss: 3.3146  
Iteration: 1034; Percent complete: 25.9%; Average loss: 3.4478  
Iteration: 1035; Percent complete: 25.9%; Average loss: 3.4141  
Iteration: 1036; Percent complete: 25.9%; Average loss: 3.4391  
Iteration: 1037; Percent complete: 25.9%; Average loss: 3.4155  
Iteration: 1038; Percent complete: 25.9%; Average loss: 3.3169  
Iteration: 1039; Percent complete: 26.0%; Average loss: 3.9290  
Iteration: 1040; Percent complete: 26.0%; Average loss: 3.5382  
Iteration: 1041; Percent complete: 26.0%; Average loss: 3.8805  
Iteration: 1042; Percent complete: 26.1%; Average loss: 3.4628  
Iteration: 1043; Percent complete: 26.1%; Average loss: 3.6446  
Iteration: 1044; Percent complete: 26.1%; Average loss: 3.7496  
Iteration: 1045; Percent complete: 26.1%; Average loss: 3.6483  
Iteration: 1046; Percent complete: 26.2%; Average loss: 3.7208  
Iteration: 1047; Percent complete: 26.2%; Average loss: 3.6404  
Iteration: 1048; Percent complete: 26.2%; Average loss: 3.5298  
Iteration: 1049; Percent complete: 26.2%; Average loss: 3.3247  
Iteration: 1050; Percent complete: 26.2%; Average loss: 3.2800  
Iteration: 1051; Percent complete: 26.3%; Average loss: 3.6869  
Iteration: 1052; Percent complete: 26.3%; Average loss: 3.5749  
Iteration: 1053; Percent complete: 26.3%; Average loss: 3.6040  
Iteration: 1054; Percent complete: 26.4%; Average loss: 3.3382  
Iteration: 1055; Percent complete: 26.4%; Average loss: 3.2052

Iteration: 1055; Percent complete: 26.4%; Average loss: 3.5953  
Iteration: 1056; Percent complete: 26.4%; Average loss: 3.5811  
Iteration: 1057; Percent complete: 26.4%; Average loss: 3.6792  
Iteration: 1058; Percent complete: 26.5%; Average loss: 3.8003  
Iteration: 1059; Percent complete: 26.5%; Average loss: 3.6492  
Iteration: 1060; Percent complete: 26.5%; Average loss: 3.2166  
Iteration: 1061; Percent complete: 26.5%; Average loss: 3.5993  
Iteration: 1062; Percent complete: 26.6%; Average loss: 3.5734  
Iteration: 1063; Percent complete: 26.6%; Average loss: 3.4286  
Iteration: 1064; Percent complete: 26.6%; Average loss: 3.6645  
Iteration: 1065; Percent complete: 26.6%; Average loss: 3.4106  
Iteration: 1066; Percent complete: 26.7%; Average loss: 3.6462  
Iteration: 1067; Percent complete: 26.7%; Average loss: 3.2566  
Iteration: 1068; Percent complete: 26.7%; Average loss: 3.8311  
Iteration: 1069; Percent complete: 26.7%; Average loss: 3.6210  
Iteration: 1070; Percent complete: 26.8%; Average loss: 3.5782  
Iteration: 1071; Percent complete: 26.8%; Average loss: 4.1107  
Iteration: 1072; Percent complete: 26.8%; Average loss: 3.4487  
Iteration: 1073; Percent complete: 26.8%; Average loss: 3.4437  
Iteration: 1074; Percent complete: 26.9%; Average loss: 3.5908  
Iteration: 1075; Percent complete: 26.9%; Average loss: 3.2615  
Iteration: 1076; Percent complete: 26.9%; Average loss: 3.4738  
Iteration: 1077; Percent complete: 26.9%; Average loss: 3.4677  
Iteration: 1078; Percent complete: 27.0%; Average loss: 3.2799  
Iteration: 1079; Percent complete: 27.0%; Average loss: 3.5123  
Iteration: 1080; Percent complete: 27.0%; Average loss: 3.2298  
Iteration: 1081; Percent complete: 27.0%; Average loss: 3.2369  
Iteration: 1082; Percent complete: 27.1%; Average loss: 3.3536  
Iteration: 1083; Percent complete: 27.1%; Average loss: 3.3608  
Iteration: 1084; Percent complete: 27.1%; Average loss: 3.2614  
Iteration: 1085; Percent complete: 27.1%; Average loss: 3.5242  
Iteration: 1086; Percent complete: 27.2%; Average loss: 3.2749  
Iteration: 1087; Percent complete: 27.2%; Average loss: 3.1990  
Iteration: 1088; Percent complete: 27.2%; Average loss: 3.3584  
Iteration: 1089; Percent complete: 27.2%; Average loss: 3.8980  
Iteration: 1090; Percent complete: 27.3%; Average loss: 3.6714  
Iteration: 1091; Percent complete: 27.3%; Average loss: 3.3364  
Iteration: 1092; Percent complete: 27.3%; Average loss: 3.2740  
Iteration: 1093; Percent complete: 27.3%; Average loss: 3.5573  
Iteration: 1094; Percent complete: 27.4%; Average loss: 3.7494  
Iteration: 1095; Percent complete: 27.4%; Average loss: 3.4180  
Iteration: 1096; Percent complete: 27.4%; Average loss: 3.3622  
Iteration: 1097; Percent complete: 27.4%; Average loss: 3.9034  
Iteration: 1098; Percent complete: 27.5%; Average loss: 3.3748  
Iteration: 1099; Percent complete: 27.5%; Average loss: 3.3324  
Iteration: 1100; Percent complete: 27.5%; Average loss: 3.1949  
Iteration: 1101; Percent complete: 27.5%; Average loss: 3.6395  
Iteration: 1102; Percent complete: 27.6%; Average loss: 3.3196  
Iteration: 1103; Percent complete: 27.6%; Average loss: 3.8817  
Iteration: 1104; Percent complete: 27.6%; Average loss: 3.2212  
Iteration: 1105; Percent complete: 27.6%; Average loss: 3.5916  
Iteration: 1106; Percent complete: 27.7%; Average loss: 3.6396  
Iteration: 1107; Percent complete: 27.7%; Average loss: 3.5361  
Iteration: 1108; Percent complete: 27.7%; Average loss: 3.6757  
Iteration: 1109; Percent complete: 27.7%; Average loss: 3.7212  
Iteration: 1110; Percent complete: 27.8%; Average loss: 3.6973  
Iteration: 1111; Percent complete: 27.8%; Average loss: 3.4933  
Iteration: 1112; Percent complete: 27.8%; Average loss: 3.7029  
Iteration: 1113; Percent complete: 27.8%; Average loss: 3.7839  
Iteration: 1114; Percent complete: 27.9%; Average loss: 3.5867  
Iteration: 1115; Percent complete: 27.9%; Average loss: 3.7966  
Iteration: 1116; Percent complete: 27.9%; Average loss: 3.6288  
Iteration: 1117; Percent complete: 27.9%; Average loss: 4.0025  
Iteration: 1118; Percent complete: 28.0%; Average loss: 3.5439  
Iteration: 1119; Percent complete: 28.0%; Average loss: 3.8717  
Iteration: 1120; Percent complete: 28.0%; Average loss: 3.5190  
Iteration: 1121; Percent complete: 28.0%; Average loss: 3.8551  
Iteration: 1122; Percent complete: 28.1%; Average loss: 3.5594  
Iteration: 1123; Percent complete: 28.1%; Average loss: 3.3155  
Iteration: 1124; Percent complete: 28.1%; Average loss: 3.7075  
Iteration: 1125; Percent complete: 28.1%; Average loss: 3.4846  
Iteration: 1126; Percent complete: 28.1%; Average loss: 3.7785  
Iteration: 1127; Percent complete: 28.2%; Average loss: 3.3634  
Iteration: 1128; Percent complete: 28.2%; Average loss: 3.8510  
Iteration: 1129; Percent complete: 28.2%; Average loss: 3.6144  
Iteration: 1130; Percent complete: 28.2%; Average loss: 3.4783  
Iteration: 1131; Percent complete: 28.3%; Average loss: 3.5866  
Iteration: 1132; Percent complete: 28.3%; Average loss: 3.9038  
Iteration: 1133; Percent complete: 28.3%; Average loss: 3.4539  
Iteration: 1134; Percent complete: 28.3%; Average loss: 3.6683  
Iteration: 1135; Percent complete: 28.4%; Average loss: 3.8231  
Iteration: 1136; Percent complete: 28.4%; Average loss: 3.1604  
Iteration: 1137; Percent complete: 28.4%; Average loss: 3.4026  
Iteration: 1138; Percent complete: 28.4%; Average loss: 3.7784  
Iteration: 1139; Percent complete: 28.5%; Average loss: 3.5646  
Iteration: 1140; Percent complete: 28.5%; Average loss: 3.6647  
Iteration: 1141; Percent complete: 28.5%; Average loss: 3.5668  
Iteration: 1142; Percent complete: 28.5%; Average loss: 3.4859  
Iteration: 1143; Percent complete: 28.6%; Average loss: 3.6238  
Iteration: 1144; Percent complete: 28.6%; Average loss: 3.8235  
Iteration: 1145; Percent complete: 28.6%; Average loss: 3.5711  
Iteration: 1146; Percent complete: 28.6%; Average loss: 3.7199

Iteration: 1147; Percent complete: 28.7%; Average loss: 3.6345  
Iteration: 1148; Percent complete: 28.7%; Average loss: 3.5169  
Iteration: 1149; Percent complete: 28.7%; Average loss: 3.6328  
Iteration: 1150; Percent complete: 28.7%; Average loss: 3.5118  
Iteration: 1151; Percent complete: 28.8%; Average loss: 3.2627  
Iteration: 1152; Percent complete: 28.8%; Average loss: 3.8252  
Iteration: 1153; Percent complete: 28.8%; Average loss: 3.6199  
Iteration: 1154; Percent complete: 28.8%; Average loss: 3.8438  
Iteration: 1155; Percent complete: 28.9%; Average loss: 3.5282  
Iteration: 1156; Percent complete: 28.9%; Average loss: 3.8533  
Iteration: 1157; Percent complete: 28.9%; Average loss: 3.8594  
Iteration: 1158; Percent complete: 28.9%; Average loss: 3.6196  
Iteration: 1159; Percent complete: 29.0%; Average loss: 3.5292  
Iteration: 1160; Percent complete: 29.0%; Average loss: 3.4774  
Iteration: 1161; Percent complete: 29.0%; Average loss: 3.2493  
Iteration: 1162; Percent complete: 29.0%; Average loss: 3.6863  
Iteration: 1163; Percent complete: 29.1%; Average loss: 3.4864  
Iteration: 1164; Percent complete: 29.1%; Average loss: 3.6275  
Iteration: 1165; Percent complete: 29.1%; Average loss: 3.6592  
Iteration: 1166; Percent complete: 29.1%; Average loss: 3.7488  
Iteration: 1167; Percent complete: 29.2%; Average loss: 3.3883  
Iteration: 1168; Percent complete: 29.2%; Average loss: 3.3597  
Iteration: 1169; Percent complete: 29.2%; Average loss: 3.4183  
Iteration: 1170; Percent complete: 29.2%; Average loss: 3.7453  
Iteration: 1171; Percent complete: 29.3%; Average loss: 3.3555  
Iteration: 1172; Percent complete: 29.3%; Average loss: 3.5114  
Iteration: 1173; Percent complete: 29.3%; Average loss: 3.2615  
Iteration: 1174; Percent complete: 29.3%; Average loss: 3.3955  
Iteration: 1175; Percent complete: 29.4%; Average loss: 2.9677  
Iteration: 1176; Percent complete: 29.4%; Average loss: 3.4596  
Iteration: 1177; Percent complete: 29.4%; Average loss: 3.3320  
Iteration: 1178; Percent complete: 29.4%; Average loss: 3.3674  
Iteration: 1179; Percent complete: 29.5%; Average loss: 3.5478  
Iteration: 1180; Percent complete: 29.5%; Average loss: 3.5458  
Iteration: 1181; Percent complete: 29.5%; Average loss: 3.7382  
Iteration: 1182; Percent complete: 29.5%; Average loss: 3.7678  
Iteration: 1183; Percent complete: 29.6%; Average loss: 3.2997  
Iteration: 1184; Percent complete: 29.6%; Average loss: 3.7630  
Iteration: 1185; Percent complete: 29.6%; Average loss: 3.4683  
Iteration: 1186; Percent complete: 29.6%; Average loss: 3.7139  
Iteration: 1187; Percent complete: 29.7%; Average loss: 4.0770  
Iteration: 1188; Percent complete: 29.7%; Average loss: 3.7550  
Iteration: 1189; Percent complete: 29.7%; Average loss: 3.3964  
Iteration: 1190; Percent complete: 29.8%; Average loss: 3.3230  
Iteration: 1191; Percent complete: 29.8%; Average loss: 3.3091  
Iteration: 1192; Percent complete: 29.8%; Average loss: 3.7616  
Iteration: 1193; Percent complete: 29.8%; Average loss: 3.3167  
Iteration: 1194; Percent complete: 29.8%; Average loss: 3.5440  
Iteration: 1195; Percent complete: 29.9%; Average loss: 3.8732  
Iteration: 1196; Percent complete: 29.9%; Average loss: 3.5780  
Iteration: 1197; Percent complete: 29.9%; Average loss: 3.8131  
Iteration: 1198; Percent complete: 29.9%; Average loss: 3.8152  
Iteration: 1199; Percent complete: 30.0%; Average loss: 3.3596  
Iteration: 1200; Percent complete: 30.0%; Average loss: 3.7320  
Iteration: 1201; Percent complete: 30.0%; Average loss: 3.9290  
Iteration: 1202; Percent complete: 30.0%; Average loss: 3.6755  
Iteration: 1203; Percent complete: 30.1%; Average loss: 3.5317  
Iteration: 1204; Percent complete: 30.1%; Average loss: 3.7923  
Iteration: 1205; Percent complete: 30.1%; Average loss: 3.1603  
Iteration: 1206; Percent complete: 30.1%; Average loss: 3.8020  
Iteration: 1207; Percent complete: 30.2%; Average loss: 3.5160  
Iteration: 1208; Percent complete: 30.2%; Average loss: 3.5463  
Iteration: 1209; Percent complete: 30.2%; Average loss: 3.6065  
Iteration: 1210; Percent complete: 30.2%; Average loss: 3.4193  
Iteration: 1211; Percent complete: 30.3%; Average loss: 3.5821  
Iteration: 1212; Percent complete: 30.3%; Average loss: 3.5525  
Iteration: 1213; Percent complete: 30.3%; Average loss: 3.6627  
Iteration: 1214; Percent complete: 30.3%; Average loss: 3.5154  
Iteration: 1215; Percent complete: 30.4%; Average loss: 4.0313  
Iteration: 1216; Percent complete: 30.4%; Average loss: 3.6509  
Iteration: 1217; Percent complete: 30.4%; Average loss: 3.4070  
Iteration: 1218; Percent complete: 30.4%; Average loss: 3.4534  
Iteration: 1219; Percent complete: 30.5%; Average loss: 3.2726  
Iteration: 1220; Percent complete: 30.5%; Average loss: 3.7807  
Iteration: 1221; Percent complete: 30.5%; Average loss: 3.6374  
Iteration: 1222; Percent complete: 30.6%; Average loss: 3.5790  
Iteration: 1223; Percent complete: 30.6%; Average loss: 3.4105  
Iteration: 1224; Percent complete: 30.6%; Average loss: 3.5832  
Iteration: 1225; Percent complete: 30.6%; Average loss: 3.5422  
Iteration: 1226; Percent complete: 30.6%; Average loss: 3.6806  
Iteration: 1227; Percent complete: 30.7%; Average loss: 3.2461  
Iteration: 1228; Percent complete: 30.7%; Average loss: 3.7544  
Iteration: 1229; Percent complete: 30.7%; Average loss: 3.4179  
Iteration: 1230; Percent complete: 30.8%; Average loss: 4.0405  
Iteration: 1231; Percent complete: 30.8%; Average loss: 3.7721  
Iteration: 1232; Percent complete: 30.8%; Average loss: 3.6484  
Iteration: 1233; Percent complete: 30.8%; Average loss: 3.6643  
Iteration: 1234; Percent complete: 30.9%; Average loss: 3.5641  
Iteration: 1235; Percent complete: 30.9%; Average loss: 3.6461  
Iteration: 1236; Percent complete: 30.9%; Average loss: 3.5851  
Iteration: 1237; Percent complete: 30.9%; Average loss: 3.5572

Iteration: 1238; Percent complete: 30.9%; Average loss: 3.5531  
Iteration: 1239; Percent complete: 31.0%; Average loss: 3.5560  
Iteration: 1240; Percent complete: 31.0%; Average loss: 3.5880  
Iteration: 1241; Percent complete: 31.0%; Average loss: 3.6322  
Iteration: 1242; Percent complete: 31.1%; Average loss: 3.6977  
Iteration: 1243; Percent complete: 31.1%; Average loss: 3.4891  
Iteration: 1244; Percent complete: 31.1%; Average loss: 3.3916  
Iteration: 1245; Percent complete: 31.1%; Average loss: 3.5615  
Iteration: 1246; Percent complete: 31.1%; Average loss: 3.5220  
Iteration: 1247; Percent complete: 31.2%; Average loss: 3.7978  
Iteration: 1248; Percent complete: 31.2%; Average loss: 3.6738  
Iteration: 1249; Percent complete: 31.2%; Average loss: 3.2614  
Iteration: 1250; Percent complete: 31.2%; Average loss: 3.1621  
Iteration: 1251; Percent complete: 31.3%; Average loss: 3.5675  
Iteration: 1252; Percent complete: 31.3%; Average loss: 3.6161  
Iteration: 1253; Percent complete: 31.3%; Average loss: 3.4967  
Iteration: 1254; Percent complete: 31.4%; Average loss: 3.9653  
Iteration: 1255; Percent complete: 31.4%; Average loss: 3.4926  
Iteration: 1256; Percent complete: 31.4%; Average loss: 3.3795  
Iteration: 1257; Percent complete: 31.4%; Average loss: 3.9405  
Iteration: 1258; Percent complete: 31.4%; Average loss: 3.7699  
Iteration: 1259; Percent complete: 31.5%; Average loss: 3.3291  
Iteration: 1260; Percent complete: 31.5%; Average loss: 4.0007  
Iteration: 1261; Percent complete: 31.5%; Average loss: 3.5385  
Iteration: 1262; Percent complete: 31.6%; Average loss: 3.8243  
Iteration: 1263; Percent complete: 31.6%; Average loss: 3.2878  
Iteration: 1264; Percent complete: 31.6%; Average loss: 4.0339  
Iteration: 1265; Percent complete: 31.6%; Average loss: 4.0321  
Iteration: 1266; Percent complete: 31.6%; Average loss: 3.8600  
Iteration: 1267; Percent complete: 31.7%; Average loss: 3.9626  
Iteration: 1268; Percent complete: 31.7%; Average loss: 3.7533  
Iteration: 1269; Percent complete: 31.7%; Average loss: 3.4470  
Iteration: 1270; Percent complete: 31.8%; Average loss: 3.8288  
Iteration: 1271; Percent complete: 31.8%; Average loss: 3.8187  
Iteration: 1272; Percent complete: 31.8%; Average loss: 3.6232  
Iteration: 1273; Percent complete: 31.8%; Average loss: 3.7054  
Iteration: 1274; Percent complete: 31.9%; Average loss: 3.2352  
Iteration: 1275; Percent complete: 31.9%; Average loss: 3.8066  
Iteration: 1276; Percent complete: 31.9%; Average loss: 3.5748  
Iteration: 1277; Percent complete: 31.9%; Average loss: 3.4776  
Iteration: 1278; Percent complete: 31.9%; Average loss: 3.5090  
Iteration: 1279; Percent complete: 32.0%; Average loss: 3.8188  
Iteration: 1280; Percent complete: 32.0%; Average loss: 4.0413  
Iteration: 1281; Percent complete: 32.0%; Average loss: 3.4388  
Iteration: 1282; Percent complete: 32.0%; Average loss: 3.8438  
Iteration: 1283; Percent complete: 32.1%; Average loss: 3.6603  
Iteration: 1284; Percent complete: 32.1%; Average loss: 3.6251  
Iteration: 1285; Percent complete: 32.1%; Average loss: 3.7754  
Iteration: 1286; Percent complete: 32.1%; Average loss: 3.2731  
Iteration: 1287; Percent complete: 32.2%; Average loss: 3.6532  
Iteration: 1288; Percent complete: 32.2%; Average loss: 3.5741  
Iteration: 1289; Percent complete: 32.2%; Average loss: 3.3565  
Iteration: 1290; Percent complete: 32.2%; Average loss: 3.7386  
Iteration: 1291; Percent complete: 32.3%; Average loss: 3.8128  
Iteration: 1292; Percent complete: 32.3%; Average loss: 3.3604  
Iteration: 1293; Percent complete: 32.3%; Average loss: 3.5571  
Iteration: 1294; Percent complete: 32.4%; Average loss: 3.4564  
Iteration: 1295; Percent complete: 32.4%; Average loss: 3.6461  
Iteration: 1296; Percent complete: 32.4%; Average loss: 3.8216  
Iteration: 1297; Percent complete: 32.4%; Average loss: 3.5026  
Iteration: 1298; Percent complete: 32.5%; Average loss: 3.6656  
Iteration: 1299; Percent complete: 32.5%; Average loss: 3.5885  
Iteration: 1300; Percent complete: 32.5%; Average loss: 3.8638  
Iteration: 1301; Percent complete: 32.5%; Average loss: 3.7728  
Iteration: 1302; Percent complete: 32.6%; Average loss: 3.5929  
Iteration: 1303; Percent complete: 32.6%; Average loss: 3.5843  
Iteration: 1304; Percent complete: 32.6%; Average loss: 3.5745  
Iteration: 1305; Percent complete: 32.6%; Average loss: 3.5562  
Iteration: 1306; Percent complete: 32.6%; Average loss: 3.5614  
Iteration: 1307; Percent complete: 32.7%; Average loss: 3.6835  
Iteration: 1308; Percent complete: 32.7%; Average loss: 3.6863  
Iteration: 1309; Percent complete: 32.7%; Average loss: 3.5831  
Iteration: 1310; Percent complete: 32.8%; Average loss: 3.9537  
Iteration: 1311; Percent complete: 32.8%; Average loss: 3.7817  
Iteration: 1312; Percent complete: 32.8%; Average loss: 3.9132  
Iteration: 1313; Percent complete: 32.8%; Average loss: 4.1458  
Iteration: 1314; Percent complete: 32.9%; Average loss: 3.7657  
Iteration: 1315; Percent complete: 32.9%; Average loss: 3.8828  
Iteration: 1316; Percent complete: 32.9%; Average loss: 3.3698  
Iteration: 1317; Percent complete: 32.9%; Average loss: 3.5604  
Iteration: 1318; Percent complete: 33.0%; Average loss: 3.8821  
Iteration: 1319; Percent complete: 33.0%; Average loss: 3.3991  
Iteration: 1320; Percent complete: 33.0%; Average loss: 3.5014  
Iteration: 1321; Percent complete: 33.0%; Average loss: 3.7151  
Iteration: 1322; Percent complete: 33.1%; Average loss: 3.6193  
Iteration: 1323; Percent complete: 33.1%; Average loss: 3.3385  
Iteration: 1324; Percent complete: 33.1%; Average loss: 3.6663  
Iteration: 1325; Percent complete: 33.1%; Average loss: 3.7358  
Iteration: 1326; Percent complete: 33.1%; Average loss: 3.3642  
Iteration: 1327; Percent complete: 33.2%; Average loss: 3.6808  
Iteration: 1328; Percent complete: 33.2%; Average loss: 3.3992



Iteration: 1329; Percent complete: 33.2%; Average loss: 3.4552  
Iteration: 1330; Percent complete: 33.2%; Average loss: 3.3581  
Iteration: 1331; Percent complete: 33.3%; Average loss: 3.6178  
Iteration: 1332; Percent complete: 33.3%; Average loss: 3.7700  
Iteration: 1333; Percent complete: 33.3%; Average loss: 3.9453  
Iteration: 1334; Percent complete: 33.4%; Average loss: 3.4529  
Iteration: 1335; Percent complete: 33.4%; Average loss: 3.8428  
Iteration: 1336; Percent complete: 33.4%; Average loss: 3.7279  
Iteration: 1337; Percent complete: 33.4%; Average loss: 3.4681  
Iteration: 1338; Percent complete: 33.5%; Average loss: 3.7197  
Iteration: 1339; Percent complete: 33.5%; Average loss: 3.5260  
Iteration: 1340; Percent complete: 33.5%; Average loss: 3.6314  
Iteration: 1341; Percent complete: 33.5%; Average loss: 3.5022  
Iteration: 1342; Percent complete: 33.6%; Average loss: 3.3392  
Iteration: 1343; Percent complete: 33.6%; Average loss: 3.5157  
Iteration: 1344; Percent complete: 33.6%; Average loss: 3.3531  
Iteration: 1345; Percent complete: 33.6%; Average loss: 3.8892  
Iteration: 1346; Percent complete: 33.7%; Average loss: 3.8569  
Iteration: 1347; Percent complete: 33.7%; Average loss: 3.8372  
Iteration: 1348; Percent complete: 33.7%; Average loss: 3.1367  
Iteration: 1349; Percent complete: 33.7%; Average loss: 3.9491  
Iteration: 1350; Percent complete: 33.8%; Average loss: 3.9389  
Iteration: 1351; Percent complete: 33.8%; Average loss: 3.9100  
Iteration: 1352; Percent complete: 33.8%; Average loss: 3.9940  
Iteration: 1353; Percent complete: 33.8%; Average loss: 3.0754  
Iteration: 1354; Percent complete: 33.9%; Average loss: 3.4803  
Iteration: 1355; Percent complete: 33.9%; Average loss: 3.5443  
Iteration: 1356; Percent complete: 33.9%; Average loss: 3.4661  
Iteration: 1357; Percent complete: 33.9%; Average loss: 3.4402  
Iteration: 1358; Percent complete: 34.0%; Average loss: 3.3863  
Iteration: 1359; Percent complete: 34.0%; Average loss: 3.7351  
Iteration: 1360; Percent complete: 34.0%; Average loss: 3.5787  
Iteration: 1361; Percent complete: 34.0%; Average loss: 3.3002  
Iteration: 1362; Percent complete: 34.1%; Average loss: 3.5965  
Iteration: 1363; Percent complete: 34.1%; Average loss: 3.4820  
Iteration: 1364; Percent complete: 34.1%; Average loss: 3.4073  
Iteration: 1365; Percent complete: 34.1%; Average loss: 3.5111  
Iteration: 1366; Percent complete: 34.2%; Average loss: 3.7831  
Iteration: 1367; Percent complete: 34.2%; Average loss: 3.6978  
Iteration: 1368; Percent complete: 34.2%; Average loss: 3.7671  
Iteration: 1369; Percent complete: 34.2%; Average loss: 3.7322  
Iteration: 1370; Percent complete: 34.2%; Average loss: 4.0302  
Iteration: 1371; Percent complete: 34.3%; Average loss: 3.7019  
Iteration: 1372; Percent complete: 34.3%; Average loss: 3.6360  
Iteration: 1373; Percent complete: 34.3%; Average loss: 3.9622  
Iteration: 1374; Percent complete: 34.4%; Average loss: 3.9127  
Iteration: 1375; Percent complete: 34.4%; Average loss: 3.8940  
Iteration: 1376; Percent complete: 34.4%; Average loss: 3.3906  
Iteration: 1377; Percent complete: 34.4%; Average loss: 3.4145  
Iteration: 1378; Percent complete: 34.4%; Average loss: 3.9884  
Iteration: 1379; Percent complete: 34.5%; Average loss: 3.7789  
Iteration: 1380; Percent complete: 34.5%; Average loss: 3.8656  
Iteration: 1381; Percent complete: 34.5%; Average loss: 3.3576  
Iteration: 1382; Percent complete: 34.5%; Average loss: 3.5168  
Iteration: 1383; Percent complete: 34.6%; Average loss: 3.7017  
Iteration: 1384; Percent complete: 34.6%; Average loss: 3.5029  
Iteration: 1385; Percent complete: 34.6%; Average loss: 3.6162  
Iteration: 1386; Percent complete: 34.6%; Average loss: 3.7324  
Iteration: 1387; Percent complete: 34.7%; Average loss: 3.4264  
Iteration: 1388; Percent complete: 34.7%; Average loss: 4.1680  
Iteration: 1389; Percent complete: 34.7%; Average loss: 3.3193  
Iteration: 1390; Percent complete: 34.8%; Average loss: 3.8373  
Iteration: 1391; Percent complete: 34.8%; Average loss: 3.1644  
Iteration: 1392; Percent complete: 34.8%; Average loss: 3.5959  
Iteration: 1393; Percent complete: 34.8%; Average loss: 3.5076  
Iteration: 1394; Percent complete: 34.8%; Average loss: 3.6519  
Iteration: 1395; Percent complete: 34.9%; Average loss: 3.8430  
Iteration: 1396; Percent complete: 34.9%; Average loss: 3.6333  
Iteration: 1397; Percent complete: 34.9%; Average loss: 3.8258  
Iteration: 1398; Percent complete: 34.9%; Average loss: 3.7731  
Iteration: 1399; Percent complete: 35.0%; Average loss: 3.8049  
Iteration: 1400; Percent complete: 35.0%; Average loss: 3.8123  
Iteration: 1401; Percent complete: 35.0%; Average loss: 3.1897  
Iteration: 1402; Percent complete: 35.0%; Average loss: 3.7348  
Iteration: 1403; Percent complete: 35.1%; Average loss: 3.7266  
Iteration: 1404; Percent complete: 35.1%; Average loss: 3.4774  
Iteration: 1405; Percent complete: 35.1%; Average loss: 3.6456  
Iteration: 1406; Percent complete: 35.1%; Average loss: 3.5158  
Iteration: 1407; Percent complete: 35.2%; Average loss: 3.4910  
Iteration: 1408; Percent complete: 35.2%; Average loss: 3.3432  
Iteration: 1409; Percent complete: 35.2%; Average loss: 3.4975  
Iteration: 1410; Percent complete: 35.2%; Average loss: 3.6738  
Iteration: 1411; Percent complete: 35.3%; Average loss: 3.3403  
Iteration: 1412; Percent complete: 35.3%; Average loss: 3.5028  
Iteration: 1413; Percent complete: 35.3%; Average loss: 3.6909  
Iteration: 1414; Percent complete: 35.4%; Average loss: 3.6015  
Iteration: 1415; Percent complete: 35.4%; Average loss: 3.6570  
Iteration: 1416; Percent complete: 35.4%; Average loss: 3.4323  
Iteration: 1417; Percent complete: 35.4%; Average loss: 4.2243  
Iteration: 1418; Percent complete: 35.4%; Average loss: 3.6685  
Iteration: 1419; Percent complete: 35.5%; Average loss: 3.6395  
Iteration: 1420; Percent complete: 35.5%; Average loss: 3.8704

Iteration: 1420; Percent complete: 35.5%; Average loss: 3.8704  
Iteration: 1421; Percent complete: 35.5%; Average loss: 3.4562  
Iteration: 1422; Percent complete: 35.5%; Average loss: 3.3058  
Iteration: 1423; Percent complete: 35.6%; Average loss: 3.3780  
Iteration: 1424; Percent complete: 35.6%; Average loss: 3.9385  
Iteration: 1425; Percent complete: 35.6%; Average loss: 3.7441  
Iteration: 1426; Percent complete: 35.6%; Average loss: 3.7209  
Iteration: 1427; Percent complete: 35.7%; Average loss: 3.6118  
Iteration: 1428; Percent complete: 35.7%; Average loss: 3.7341  
Iteration: 1429; Percent complete: 35.7%; Average loss: 3.9560  
Iteration: 1430; Percent complete: 35.8%; Average loss: 3.7120  
Iteration: 1431; Percent complete: 35.8%; Average loss: 4.1903  
Iteration: 1432; Percent complete: 35.8%; Average loss: 3.7765  
Iteration: 1433; Percent complete: 35.8%; Average loss: 3.8409  
Iteration: 1434; Percent complete: 35.9%; Average loss: 3.8285  
Iteration: 1435; Percent complete: 35.9%; Average loss: 3.7082  
Iteration: 1436; Percent complete: 35.9%; Average loss: 3.2723  
Iteration: 1437; Percent complete: 35.9%; Average loss: 3.6474  
Iteration: 1438; Percent complete: 35.9%; Average loss: 3.3159  
Iteration: 1439; Percent complete: 36.0%; Average loss: 3.5055  
Iteration: 1440; Percent complete: 36.0%; Average loss: 3.7007  
Iteration: 1441; Percent complete: 36.0%; Average loss: 3.4292  
Iteration: 1442; Percent complete: 36.0%; Average loss: 3.8027  
Iteration: 1443; Percent complete: 36.1%; Average loss: 3.7708  
Iteration: 1444; Percent complete: 36.1%; Average loss: 4.0954  
Iteration: 1445; Percent complete: 36.1%; Average loss: 3.3965  
Iteration: 1446; Percent complete: 36.1%; Average loss: 3.8672  
Iteration: 1447; Percent complete: 36.2%; Average loss: 3.4705  
Iteration: 1448; Percent complete: 36.2%; Average loss: 3.7625  
Iteration: 1449; Percent complete: 36.2%; Average loss: 4.1113  
Iteration: 1450; Percent complete: 36.2%; Average loss: 3.7911  
Iteration: 1451; Percent complete: 36.3%; Average loss: 3.7487  
Iteration: 1452; Percent complete: 36.3%; Average loss: 3.6714  
Iteration: 1453; Percent complete: 36.3%; Average loss: 3.8157  
Iteration: 1454; Percent complete: 36.4%; Average loss: 3.7796  
Iteration: 1455; Percent complete: 36.4%; Average loss: 4.0306  
Iteration: 1456; Percent complete: 36.4%; Average loss: 3.2414  
Iteration: 1457; Percent complete: 36.4%; Average loss: 3.6592  
Iteration: 1458; Percent complete: 36.4%; Average loss: 4.3461  
Iteration: 1459; Percent complete: 36.5%; Average loss: 3.5909  
Iteration: 1460; Percent complete: 36.5%; Average loss: 3.7668  
Iteration: 1461; Percent complete: 36.5%; Average loss: 3.6513  
Iteration: 1462; Percent complete: 36.5%; Average loss: 3.5320  
Iteration: 1463; Percent complete: 36.6%; Average loss: 3.9659  
Iteration: 1464; Percent complete: 36.6%; Average loss: 3.9955  
Iteration: 1465; Percent complete: 36.6%; Average loss: 3.4533  
Iteration: 1466; Percent complete: 36.6%; Average loss: 3.8225  
Iteration: 1467; Percent complete: 36.7%; Average loss: 3.8209  
Iteration: 1468; Percent complete: 36.7%; Average loss: 3.8582  
Iteration: 1469; Percent complete: 36.7%; Average loss: 3.6539  
Iteration: 1470; Percent complete: 36.8%; Average loss: 3.3921  
Iteration: 1471; Percent complete: 36.8%; Average loss: 3.8489  
Iteration: 1472; Percent complete: 36.8%; Average loss: 4.2625  
Iteration: 1473; Percent complete: 36.8%; Average loss: 3.9046  
Iteration: 1474; Percent complete: 36.9%; Average loss: 4.3398  
Iteration: 1475; Percent complete: 36.9%; Average loss: 3.6241  
Iteration: 1476; Percent complete: 36.9%; Average loss: 3.5661  
Iteration: 1477; Percent complete: 36.9%; Average loss: 3.9667  
Iteration: 1478; Percent complete: 37.0%; Average loss: 3.3504  
Iteration: 1479; Percent complete: 37.0%; Average loss: 3.6709  
Iteration: 1480; Percent complete: 37.0%; Average loss: 3.6181  
Iteration: 1481; Percent complete: 37.0%; Average loss: 3.7342  
Iteration: 1482; Percent complete: 37.0%; Average loss: 3.9006  
Iteration: 1483; Percent complete: 37.1%; Average loss: 3.5520  
Iteration: 1484; Percent complete: 37.1%; Average loss: 3.6010  
Iteration: 1485; Percent complete: 37.1%; Average loss: 3.7336  
Iteration: 1486; Percent complete: 37.1%; Average loss: 3.5769  
Iteration: 1487; Percent complete: 37.2%; Average loss: 3.8246  
Iteration: 1488; Percent complete: 37.2%; Average loss: 4.0351  
Iteration: 1489; Percent complete: 37.2%; Average loss: 3.5614  
Iteration: 1490; Percent complete: 37.2%; Average loss: 3.7712  
Iteration: 1491; Percent complete: 37.3%; Average loss: 3.7053  
Iteration: 1492; Percent complete: 37.3%; Average loss: 3.8369  
Iteration: 1493; Percent complete: 37.3%; Average loss: 3.8967  
Iteration: 1494; Percent complete: 37.4%; Average loss: 3.9160  
Iteration: 1495; Percent complete: 37.4%; Average loss: 3.4181  
Iteration: 1496; Percent complete: 37.4%; Average loss: 3.7570  
Iteration: 1497; Percent complete: 37.4%; Average loss: 3.7280  
Iteration: 1498; Percent complete: 37.5%; Average loss: 3.8773  
Iteration: 1499; Percent complete: 37.5%; Average loss: 3.7907  
Iteration: 1500; Percent complete: 37.5%; Average loss: 3.2523  
Iteration: 1501; Percent complete: 37.5%; Average loss: 3.6947  
Iteration: 1502; Percent complete: 37.5%; Average loss: 4.1932  
Iteration: 1503; Percent complete: 37.6%; Average loss: 3.4525  
Iteration: 1504; Percent complete: 37.6%; Average loss: 4.0839  
Iteration: 1505; Percent complete: 37.6%; Average loss: 3.5141  
Iteration: 1506; Percent complete: 37.6%; Average loss: 3.8439  
Iteration: 1507; Percent complete: 37.7%; Average loss: 3.9699  
Iteration: 1508; Percent complete: 37.7%; Average loss: 3.3420  
Iteration: 1509; Percent complete: 37.7%; Average loss: 3.8866  
Iteration: 1510; Percent complete: 37.8%; Average loss: 3.5499  
Iteration: 1511; Percent complete: 37.8%; Average loss: 3.4339

Iteration: 1512; Percent complete: 37.8%; Average loss: 3.5567  
Iteration: 1513; Percent complete: 37.8%; Average loss: 3.9753  
Iteration: 1514; Percent complete: 37.9%; Average loss: 3.4239  
Iteration: 1515; Percent complete: 37.9%; Average loss: 3.6821  
Iteration: 1516; Percent complete: 37.9%; Average loss: 3.4190  
Iteration: 1517; Percent complete: 37.9%; Average loss: 3.6937  
Iteration: 1518; Percent complete: 38.0%; Average loss: 4.4145  
Iteration: 1519; Percent complete: 38.0%; Average loss: 3.5878  
Iteration: 1520; Percent complete: 38.0%; Average loss: 4.1129  
Iteration: 1521; Percent complete: 38.0%; Average loss: 3.8962  
Iteration: 1522; Percent complete: 38.0%; Average loss: 3.4866  
Iteration: 1523; Percent complete: 38.1%; Average loss: 3.8612  
Iteration: 1524; Percent complete: 38.1%; Average loss: 3.7409  
Iteration: 1525; Percent complete: 38.1%; Average loss: 3.7306  
Iteration: 1526; Percent complete: 38.1%; Average loss: 3.6142  
Iteration: 1527; Percent complete: 38.2%; Average loss: 3.4404  
Iteration: 1528; Percent complete: 38.2%; Average loss: 3.7632  
Iteration: 1529; Percent complete: 38.2%; Average loss: 3.4573  
Iteration: 1530; Percent complete: 38.2%; Average loss: 3.7386  
Iteration: 1531; Percent complete: 38.3%; Average loss: 3.9658  
Iteration: 1532; Percent complete: 38.3%; Average loss: 3.5846  
Iteration: 1533; Percent complete: 38.3%; Average loss: 4.0216  
Iteration: 1534; Percent complete: 38.4%; Average loss: 3.4008  
Iteration: 1535; Percent complete: 38.4%; Average loss: 3.6585  
Iteration: 1536; Percent complete: 38.4%; Average loss: 4.1161  
Iteration: 1537; Percent complete: 38.4%; Average loss: 3.8462  
Iteration: 1538; Percent complete: 38.5%; Average loss: 3.6186  
Iteration: 1539; Percent complete: 38.5%; Average loss: 3.3466  
Iteration: 1540; Percent complete: 38.5%; Average loss: 3.6392  
Iteration: 1541; Percent complete: 38.5%; Average loss: 3.6276  
Iteration: 1542; Percent complete: 38.6%; Average loss: 3.6454  
Iteration: 1543; Percent complete: 38.6%; Average loss: 3.8876  
Iteration: 1544; Percent complete: 38.6%; Average loss: 4.0956  
Iteration: 1545; Percent complete: 38.6%; Average loss: 3.4869  
Iteration: 1546; Percent complete: 38.6%; Average loss: 3.6853  
Iteration: 1547; Percent complete: 38.7%; Average loss: 3.3692  
Iteration: 1548; Percent complete: 38.7%; Average loss: 3.6798  
Iteration: 1549; Percent complete: 38.7%; Average loss: 3.7361  
Iteration: 1550; Percent complete: 38.8%; Average loss: 3.7691  
Iteration: 1551; Percent complete: 38.8%; Average loss: 3.6722  
Iteration: 1552; Percent complete: 38.8%; Average loss: 3.7585  
Iteration: 1553; Percent complete: 38.8%; Average loss: 3.2956  
Iteration: 1554; Percent complete: 38.9%; Average loss: 3.5879  
Iteration: 1555; Percent complete: 38.9%; Average loss: 3.5116  
Iteration: 1556; Percent complete: 38.9%; Average loss: 3.7924  
Iteration: 1557; Percent complete: 38.9%; Average loss: 3.2759  
Iteration: 1558; Percent complete: 39.0%; Average loss: 3.3518  
Iteration: 1559; Percent complete: 39.0%; Average loss: 3.3607  
Iteration: 1560; Percent complete: 39.0%; Average loss: 4.1209  
Iteration: 1561; Percent complete: 39.0%; Average loss: 3.6330  
Iteration: 1562; Percent complete: 39.1%; Average loss: 3.8040  
Iteration: 1563; Percent complete: 39.1%; Average loss: 3.7075  
Iteration: 1564; Percent complete: 39.1%; Average loss: 3.4204  
Iteration: 1565; Percent complete: 39.1%; Average loss: 3.7650  
Iteration: 1566; Percent complete: 39.1%; Average loss: 3.4187  
Iteration: 1567; Percent complete: 39.2%; Average loss: 3.7527  
Iteration: 1568; Percent complete: 39.2%; Average loss: 3.5974  
Iteration: 1569; Percent complete: 39.2%; Average loss: 3.8043  
Iteration: 1570; Percent complete: 39.2%; Average loss: 3.4191  
Iteration: 1571; Percent complete: 39.3%; Average loss: 3.3449  
Iteration: 1572; Percent complete: 39.3%; Average loss: 4.0773  
Iteration: 1573; Percent complete: 39.3%; Average loss: 4.0595  
Iteration: 1574; Percent complete: 39.4%; Average loss: 3.7054  
Iteration: 1575; Percent complete: 39.4%; Average loss: 3.8291  
Iteration: 1576; Percent complete: 39.4%; Average loss: 3.9138  
Iteration: 1577; Percent complete: 39.4%; Average loss: 3.4695  
Iteration: 1578; Percent complete: 39.5%; Average loss: 3.8788  
Iteration: 1579; Percent complete: 39.5%; Average loss: 3.6245  
Iteration: 1580; Percent complete: 39.5%; Average loss: 3.8095  
Iteration: 1581; Percent complete: 39.5%; Average loss: 3.5099  
Iteration: 1582; Percent complete: 39.6%; Average loss: 3.5507  
Iteration: 1583; Percent complete: 39.6%; Average loss: 3.5704  
Iteration: 1584; Percent complete: 39.6%; Average loss: 3.9140  
Iteration: 1585; Percent complete: 39.6%; Average loss: 3.6055  
Iteration: 1586; Percent complete: 39.6%; Average loss: 3.6084  
Iteration: 1587; Percent complete: 39.7%; Average loss: 3.9821  
Iteration: 1588; Percent complete: 39.7%; Average loss: 3.9495  
Iteration: 1589; Percent complete: 39.7%; Average loss: 3.8264  
Iteration: 1590; Percent complete: 39.8%; Average loss: 3.8905  
Iteration: 1591; Percent complete: 39.8%; Average loss: 3.5350  
Iteration: 1592; Percent complete: 39.8%; Average loss: 3.7239  
Iteration: 1593; Percent complete: 39.8%; Average loss: 3.9059  
Iteration: 1594; Percent complete: 39.9%; Average loss: 3.7519  
Iteration: 1595; Percent complete: 39.9%; Average loss: 3.6886  
Iteration: 1596; Percent complete: 39.9%; Average loss: 3.7813  
Iteration: 1597; Percent complete: 39.9%; Average loss: 3.4495  
Iteration: 1598; Percent complete: 40.0%; Average loss: 3.9857  
Iteration: 1599; Percent complete: 40.0%; Average loss: 3.5856  
Iteration: 1600; Percent complete: 40.0%; Average loss: 3.4768  
Iteration: 1601; Percent complete: 40.0%; Average loss: 3.6916  
Iteration: 1602; Percent complete: 40.1%; Average loss: 3.7688

Iteration: 1603; Percent complete: 40.1%; Average loss: 3.6490  
Iteration: 1604; Percent complete: 40.1%; Average loss: 4.1124  
Iteration: 1605; Percent complete: 40.1%; Average loss: 3.9993  
Iteration: 1606; Percent complete: 40.2%; Average loss: 3.9496  
Iteration: 1607; Percent complete: 40.2%; Average loss: 3.3212  
Iteration: 1608; Percent complete: 40.2%; Average loss: 4.0198  
Iteration: 1609; Percent complete: 40.2%; Average loss: 3.7149  
Iteration: 1610; Percent complete: 40.2%; Average loss: 3.6943  
Iteration: 1611; Percent complete: 40.3%; Average loss: 3.7983  
Iteration: 1612; Percent complete: 40.3%; Average loss: 3.7222  
Iteration: 1613; Percent complete: 40.3%; Average loss: 3.8373  
Iteration: 1614; Percent complete: 40.4%; Average loss: 3.8753  
Iteration: 1615; Percent complete: 40.4%; Average loss: 4.1205  
Iteration: 1616; Percent complete: 40.4%; Average loss: 3.6488  
Iteration: 1617; Percent complete: 40.4%; Average loss: 3.6357  
Iteration: 1618; Percent complete: 40.5%; Average loss: 3.5859  
Iteration: 1619; Percent complete: 40.5%; Average loss: 3.9778  
Iteration: 1620; Percent complete: 40.5%; Average loss: 3.8883  
Iteration: 1621; Percent complete: 40.5%; Average loss: 3.5241  
Iteration: 1622; Percent complete: 40.6%; Average loss: 4.0063  
Iteration: 1623; Percent complete: 40.6%; Average loss: 4.0063  
Iteration: 1624; Percent complete: 40.6%; Average loss: 4.0310  
Iteration: 1625; Percent complete: 40.6%; Average loss: 3.9941  
Iteration: 1626; Percent complete: 40.6%; Average loss: 3.7153  
Iteration: 1627; Percent complete: 40.7%; Average loss: 3.4966  
Iteration: 1628; Percent complete: 40.7%; Average loss: 3.5967  
Iteration: 1629; Percent complete: 40.7%; Average loss: 3.1691  
Iteration: 1630; Percent complete: 40.8%; Average loss: 4.0257  
Iteration: 1631; Percent complete: 40.8%; Average loss: 3.5144  
Iteration: 1632; Percent complete: 40.8%; Average loss: 3.8318  
Iteration: 1633; Percent complete: 40.8%; Average loss: 3.9771  
Iteration: 1634; Percent complete: 40.8%; Average loss: 3.4804  
Iteration: 1635; Percent complete: 40.9%; Average loss: 3.3835  
Iteration: 1636; Percent complete: 40.9%; Average loss: 3.3298  
Iteration: 1637; Percent complete: 40.9%; Average loss: 3.6458  
Iteration: 1638; Percent complete: 40.9%; Average loss: 3.3102  
Iteration: 1639; Percent complete: 41.0%; Average loss: 3.5648  
Iteration: 1640; Percent complete: 41.0%; Average loss: 3.5788  
Iteration: 1641; Percent complete: 41.0%; Average loss: 3.8931  
Iteration: 1642; Percent complete: 41.0%; Average loss: 3.8124  
Iteration: 1643; Percent complete: 41.1%; Average loss: 3.7766  
Iteration: 1644; Percent complete: 41.1%; Average loss: 3.8286  
Iteration: 1645; Percent complete: 41.1%; Average loss: 3.8436  
Iteration: 1646; Percent complete: 41.1%; Average loss: 3.6671  
Iteration: 1647; Percent complete: 41.2%; Average loss: 4.0935  
Iteration: 1648; Percent complete: 41.2%; Average loss: 4.1074  
Iteration: 1649; Percent complete: 41.2%; Average loss: 3.4926  
Iteration: 1650; Percent complete: 41.2%; Average loss: 3.7699  
Iteration: 1651; Percent complete: 41.3%; Average loss: 4.1901  
Iteration: 1652; Percent complete: 41.3%; Average loss: 3.8055  
Iteration: 1653; Percent complete: 41.3%; Average loss: 3.7660  
Iteration: 1654; Percent complete: 41.3%; Average loss: 3.6140  
Iteration: 1655; Percent complete: 41.4%; Average loss: 3.3648  
Iteration: 1656; Percent complete: 41.4%; Average loss: 3.6996  
Iteration: 1657; Percent complete: 41.4%; Average loss: 3.9431  
Iteration: 1658; Percent complete: 41.4%; Average loss: 3.8967  
Iteration: 1659; Percent complete: 41.5%; Average loss: 3.4874  
Iteration: 1660; Percent complete: 41.5%; Average loss: 3.5988  
Iteration: 1661; Percent complete: 41.5%; Average loss: 3.8703  
Iteration: 1662; Percent complete: 41.5%; Average loss: 3.8390  
Iteration: 1663; Percent complete: 41.6%; Average loss: 3.6261  
Iteration: 1664; Percent complete: 41.6%; Average loss: 4.2147  
Iteration: 1665; Percent complete: 41.6%; Average loss: 3.8037  
Iteration: 1666; Percent complete: 41.6%; Average loss: 3.6076  
Iteration: 1667; Percent complete: 41.7%; Average loss: 3.9079  
Iteration: 1668; Percent complete: 41.7%; Average loss: 3.3887  
Iteration: 1669; Percent complete: 41.7%; Average loss: 3.6485  
Iteration: 1670; Percent complete: 41.8%; Average loss: 3.7723  
Iteration: 1671; Percent complete: 41.8%; Average loss: 3.8001  
Iteration: 1672; Percent complete: 41.8%; Average loss: 3.5947  
Iteration: 1673; Percent complete: 41.8%; Average loss: 3.5921  
Iteration: 1674; Percent complete: 41.9%; Average loss: 3.5667  
Iteration: 1675; Percent complete: 41.9%; Average loss: 3.4678  
Iteration: 1676; Percent complete: 41.9%; Average loss: 3.9786  
Iteration: 1677; Percent complete: 41.9%; Average loss: 3.9003  
Iteration: 1678; Percent complete: 41.9%; Average loss: 3.9596  
Iteration: 1679; Percent complete: 42.0%; Average loss: 3.9450  
Iteration: 1680; Percent complete: 42.0%; Average loss: 3.5657  
Iteration: 1681; Percent complete: 42.0%; Average loss: 3.8216  
Iteration: 1682; Percent complete: 42.0%; Average loss: 3.6307  
Iteration: 1683; Percent complete: 42.1%; Average loss: 3.8275  
Iteration: 1684; Percent complete: 42.1%; Average loss: 3.9589  
Iteration: 1685; Percent complete: 42.1%; Average loss: 3.4235  
Iteration: 1686; Percent complete: 42.1%; Average loss: 3.9609  
Iteration: 1687; Percent complete: 42.2%; Average loss: 3.8786  
Iteration: 1688; Percent complete: 42.2%; Average loss: 3.6219  
Iteration: 1689; Percent complete: 42.2%; Average loss: 3.9179  
Iteration: 1690; Percent complete: 42.2%; Average loss: 3.7466  
Iteration: 1691; Percent complete: 42.3%; Average loss: 3.3332  
Iteration: 1692; Percent complete: 42.3%; Average loss: 3.6477  
Iteration: 1693; Percent complete: 42.3%; Average loss: 3.6729

Iteration: 1694; Percent complete: 42.4%; Average loss: 3.5504  
Iteration: 1695; Percent complete: 42.4%; Average loss: 3.6843  
Iteration: 1696; Percent complete: 42.4%; Average loss: 3.6744  
Iteration: 1697; Percent complete: 42.4%; Average loss: 4.2655  
Iteration: 1698; Percent complete: 42.4%; Average loss: 3.4657  
Iteration: 1699; Percent complete: 42.5%; Average loss: 3.9201  
Iteration: 1700; Percent complete: 42.5%; Average loss: 3.4187  
Iteration: 1701; Percent complete: 42.5%; Average loss: 3.5922  
Iteration: 1702; Percent complete: 42.5%; Average loss: 3.8979  
Iteration: 1703; Percent complete: 42.6%; Average loss: 3.8878  
Iteration: 1704; Percent complete: 42.6%; Average loss: 3.6968  
Iteration: 1705; Percent complete: 42.6%; Average loss: 3.5493  
Iteration: 1706; Percent complete: 42.6%; Average loss: 4.0008  
Iteration: 1707; Percent complete: 42.7%; Average loss: 3.4003  
Iteration: 1708; Percent complete: 42.7%; Average loss: 3.4707  
Iteration: 1709; Percent complete: 42.7%; Average loss: 3.4528  
Iteration: 1710; Percent complete: 42.8%; Average loss: 3.8831  
Iteration: 1711; Percent complete: 42.8%; Average loss: 3.7160  
Iteration: 1712; Percent complete: 42.8%; Average loss: 3.4741  
Iteration: 1713; Percent complete: 42.8%; Average loss: 3.6665  
Iteration: 1714; Percent complete: 42.9%; Average loss: 3.8440  
Iteration: 1715; Percent complete: 42.9%; Average loss: 3.6974  
Iteration: 1716; Percent complete: 42.9%; Average loss: 3.6642  
Iteration: 1717; Percent complete: 42.9%; Average loss: 3.3603  
Iteration: 1718; Percent complete: 43.0%; Average loss: 3.6179  
Iteration: 1719; Percent complete: 43.0%; Average loss: 3.6768  
Iteration: 1720; Percent complete: 43.0%; Average loss: 3.8759  
Iteration: 1721; Percent complete: 43.0%; Average loss: 3.5666  
Iteration: 1722; Percent complete: 43.0%; Average loss: 3.4999  
Iteration: 1723; Percent complete: 43.1%; Average loss: 4.0818  
Iteration: 1724; Percent complete: 43.1%; Average loss: 3.8420  
Iteration: 1725; Percent complete: 43.1%; Average loss: 4.1923  
Iteration: 1726; Percent complete: 43.1%; Average loss: 3.7730  
Iteration: 1727; Percent complete: 43.2%; Average loss: 3.6093  
Iteration: 1728; Percent complete: 43.2%; Average loss: 3.8396  
Iteration: 1729; Percent complete: 43.2%; Average loss: 3.7586  
Iteration: 1730; Percent complete: 43.2%; Average loss: 3.8993  
Iteration: 1731; Percent complete: 43.3%; Average loss: 3.9302  
Iteration: 1732; Percent complete: 43.3%; Average loss: 3.6162  
Iteration: 1733; Percent complete: 43.3%; Average loss: 3.7783  
Iteration: 1734; Percent complete: 43.4%; Average loss: 3.9877  
Iteration: 1735; Percent complete: 43.4%; Average loss: 3.6407  
Iteration: 1736; Percent complete: 43.4%; Average loss: 3.9726  
Iteration: 1737; Percent complete: 43.4%; Average loss: 3.8306  
Iteration: 1738; Percent complete: 43.5%; Average loss: 3.8764  
Iteration: 1739; Percent complete: 43.5%; Average loss: 3.7538  
Iteration: 1740; Percent complete: 43.5%; Average loss: 3.8844  
Iteration: 1741; Percent complete: 43.5%; Average loss: 3.7600  
Iteration: 1742; Percent complete: 43.5%; Average loss: 3.7050  
Iteration: 1743; Percent complete: 43.6%; Average loss: 3.6739  
Iteration: 1744; Percent complete: 43.6%; Average loss: 3.7704  
Iteration: 1745; Percent complete: 43.6%; Average loss: 3.4203  
Iteration: 1746; Percent complete: 43.6%; Average loss: 3.8462  
Iteration: 1747; Percent complete: 43.7%; Average loss: 3.7098  
Iteration: 1748; Percent complete: 43.7%; Average loss: 3.9180  
Iteration: 1749; Percent complete: 43.7%; Average loss: 3.5298  
Iteration: 1750; Percent complete: 43.8%; Average loss: 3.9161  
Iteration: 1751; Percent complete: 43.8%; Average loss: 3.6822  
Iteration: 1752; Percent complete: 43.8%; Average loss: 3.6120  
Iteration: 1753; Percent complete: 43.8%; Average loss: 3.7023  
Iteration: 1754; Percent complete: 43.9%; Average loss: 3.6687  
Iteration: 1755; Percent complete: 43.9%; Average loss: 3.9320  
Iteration: 1756; Percent complete: 43.9%; Average loss: 3.6522  
Iteration: 1757; Percent complete: 43.9%; Average loss: 3.8018  
Iteration: 1758; Percent complete: 44.0%; Average loss: 3.9543  
Iteration: 1759; Percent complete: 44.0%; Average loss: 3.8635  
Iteration: 1760; Percent complete: 44.0%; Average loss: 3.8949  
Iteration: 1761; Percent complete: 44.0%; Average loss: 4.1282  
Iteration: 1762; Percent complete: 44.0%; Average loss: 3.7383  
Iteration: 1763; Percent complete: 44.1%; Average loss: 3.3982  
Iteration: 1764; Percent complete: 44.1%; Average loss: 3.4977  
Iteration: 1765; Percent complete: 44.1%; Average loss: 4.1168  
Iteration: 1766; Percent complete: 44.1%; Average loss: 3.7602  
Iteration: 1767; Percent complete: 44.2%; Average loss: 3.9867  
Iteration: 1768; Percent complete: 44.2%; Average loss: 3.6178  
Iteration: 1769; Percent complete: 44.2%; Average loss: 3.9441  
Iteration: 1770; Percent complete: 44.2%; Average loss: 3.7393  
Iteration: 1771; Percent complete: 44.3%; Average loss: 4.0111  
Iteration: 1772; Percent complete: 44.3%; Average loss: 3.9126  
Iteration: 1773; Percent complete: 44.3%; Average loss: 3.8173  
Iteration: 1774; Percent complete: 44.4%; Average loss: 3.8456  
Iteration: 1775; Percent complete: 44.4%; Average loss: 3.8041  
Iteration: 1776; Percent complete: 44.4%; Average loss: 3.5839  
Iteration: 1777; Percent complete: 44.4%; Average loss: 3.4507  
Iteration: 1778; Percent complete: 44.5%; Average loss: 4.1388  
Iteration: 1779; Percent complete: 44.5%; Average loss: 3.5510  
Iteration: 1780; Percent complete: 44.5%; Average loss: 4.0202  
Iteration: 1781; Percent complete: 44.5%; Average loss: 3.9016  
Iteration: 1782; Percent complete: 44.5%; Average loss: 3.8360  
Iteration: 1783; Percent complete: 44.6%; Average loss: 3.9859  
Iteration: 1784; Percent complete: 44.6%; Average loss: 3.5173  
Iteration: 1785; Percent complete: 44.6%; Average loss: 3.8446

Iteration: 1785; Percent complete: 44.6%; Average loss: 3.8446  
Iteration: 1786; Percent complete: 44.6%; Average loss: 3.9207  
Iteration: 1787; Percent complete: 44.7%; Average loss: 3.8499  
Iteration: 1788; Percent complete: 44.7%; Average loss: 3.7341  
Iteration: 1789; Percent complete: 44.7%; Average loss: 3.2036  
Iteration: 1790; Percent complete: 44.8%; Average loss: 4.1705  
Iteration: 1791; Percent complete: 44.8%; Average loss: 3.8676  
Iteration: 1792; Percent complete: 44.8%; Average loss: 3.8986  
Iteration: 1793; Percent complete: 44.8%; Average loss: 3.7482  
Iteration: 1794; Percent complete: 44.9%; Average loss: 3.9251  
Iteration: 1795; Percent complete: 44.9%; Average loss: 3.9949  
Iteration: 1796; Percent complete: 44.9%; Average loss: 3.7387  
Iteration: 1797; Percent complete: 44.9%; Average loss: 4.2168  
Iteration: 1798; Percent complete: 45.0%; Average loss: 3.6358  
Iteration: 1799; Percent complete: 45.0%; Average loss: 3.9971  
Iteration: 1800; Percent complete: 45.0%; Average loss: 3.7918  
Iteration: 1801; Percent complete: 45.0%; Average loss: 3.5952  
Iteration: 1802; Percent complete: 45.1%; Average loss: 3.8634  
Iteration: 1803; Percent complete: 45.1%; Average loss: 3.5964  
Iteration: 1804; Percent complete: 45.1%; Average loss: 3.3773  
Iteration: 1805; Percent complete: 45.1%; Average loss: 3.8862  
Iteration: 1806; Percent complete: 45.1%; Average loss: 4.0618  
Iteration: 1807; Percent complete: 45.2%; Average loss: 3.8950  
Iteration: 1808; Percent complete: 45.2%; Average loss: 4.0108  
Iteration: 1809; Percent complete: 45.2%; Average loss: 3.5788  
Iteration: 1810; Percent complete: 45.2%; Average loss: 3.8709  
Iteration: 1811; Percent complete: 45.3%; Average loss: 3.8767  
Iteration: 1812; Percent complete: 45.3%; Average loss: 3.7120  
Iteration: 1813; Percent complete: 45.3%; Average loss: 3.8358  
Iteration: 1814; Percent complete: 45.4%; Average loss: 3.7023  
Iteration: 1815; Percent complete: 45.4%; Average loss: 3.8158  
Iteration: 1816; Percent complete: 45.4%; Average loss: 3.6526  
Iteration: 1817; Percent complete: 45.4%; Average loss: 4.0934  
Iteration: 1818; Percent complete: 45.5%; Average loss: 3.8079  
Iteration: 1819; Percent complete: 45.5%; Average loss: 4.0148  
Iteration: 1820; Percent complete: 45.5%; Average loss: 4.0767  
Iteration: 1821; Percent complete: 45.5%; Average loss: 3.8931  
Iteration: 1822; Percent complete: 45.6%; Average loss: 3.7363  
Iteration: 1823; Percent complete: 45.6%; Average loss: 3.5550  
Iteration: 1824; Percent complete: 45.6%; Average loss: 3.8040  
Iteration: 1825; Percent complete: 45.6%; Average loss: 3.8657  
Iteration: 1826; Percent complete: 45.6%; Average loss: 3.5822  
Iteration: 1827; Percent complete: 45.7%; Average loss: 4.3184  
Iteration: 1828; Percent complete: 45.7%; Average loss: 3.7467  
Iteration: 1829; Percent complete: 45.7%; Average loss: 4.1876  
Iteration: 1830; Percent complete: 45.8%; Average loss: 3.6986  
Iteration: 1831; Percent complete: 45.8%; Average loss: 3.9419  
Iteration: 1832; Percent complete: 45.8%; Average loss: 3.6720  
Iteration: 1833; Percent complete: 45.8%; Average loss: 4.1368  
Iteration: 1834; Percent complete: 45.9%; Average loss: 4.1859  
Iteration: 1835; Percent complete: 45.9%; Average loss: 3.7595  
Iteration: 1836; Percent complete: 45.9%; Average loss: 3.6059  
Iteration: 1837; Percent complete: 45.9%; Average loss: 3.4943  
Iteration: 1838; Percent complete: 46.0%; Average loss: 4.1360  
Iteration: 1839; Percent complete: 46.0%; Average loss: 3.8839  
Iteration: 1840; Percent complete: 46.0%; Average loss: 4.1160  
Iteration: 1841; Percent complete: 46.0%; Average loss: 3.5972  
Iteration: 1842; Percent complete: 46.1%; Average loss: 4.0151  
Iteration: 1843; Percent complete: 46.1%; Average loss: 3.4329  
Iteration: 1844; Percent complete: 46.1%; Average loss: 3.4177  
Iteration: 1845; Percent complete: 46.1%; Average loss: 3.7667  
Iteration: 1846; Percent complete: 46.2%; Average loss: 3.9124  
Iteration: 1847; Percent complete: 46.2%; Average loss: 4.1860  
Iteration: 1848; Percent complete: 46.2%; Average loss: 4.0176  
Iteration: 1849; Percent complete: 46.2%; Average loss: 3.9160  
Iteration: 1850; Percent complete: 46.2%; Average loss: 3.5374  
Iteration: 1851; Percent complete: 46.3%; Average loss: 3.7428  
Iteration: 1852; Percent complete: 46.3%; Average loss: 3.7926  
Iteration: 1853; Percent complete: 46.3%; Average loss: 3.6568  
Iteration: 1854; Percent complete: 46.4%; Average loss: 3.7498  
Iteration: 1855; Percent complete: 46.4%; Average loss: 3.5726  
Iteration: 1856; Percent complete: 46.4%; Average loss: 3.6410  
Iteration: 1857; Percent complete: 46.4%; Average loss: 3.7471  
Iteration: 1858; Percent complete: 46.5%; Average loss: 4.3275  
Iteration: 1859; Percent complete: 46.5%; Average loss: 3.9250  
Iteration: 1860; Percent complete: 46.5%; Average loss: 3.9462  
Iteration: 1861; Percent complete: 46.5%; Average loss: 4.1562  
Iteration: 1862; Percent complete: 46.6%; Average loss: 4.1505  
Iteration: 1863; Percent complete: 46.6%; Average loss: 3.5467  
Iteration: 1864; Percent complete: 46.6%; Average loss: 3.5599  
Iteration: 1865; Percent complete: 46.6%; Average loss: 4.2597  
Iteration: 1866; Percent complete: 46.7%; Average loss: 3.9688  
Iteration: 1867; Percent complete: 46.7%; Average loss: 4.0245  
Iteration: 1868; Percent complete: 46.7%; Average loss: 3.5676  
Iteration: 1869; Percent complete: 46.7%; Average loss: 3.9275  
Iteration: 1870; Percent complete: 46.8%; Average loss: 3.6669  
Iteration: 1871; Percent complete: 46.8%; Average loss: 4.3289  
Iteration: 1872; Percent complete: 46.8%; Average loss: 4.0044  
Iteration: 1873; Percent complete: 46.8%; Average loss: 3.3554  
Iteration: 1874; Percent complete: 46.9%; Average loss: 3.9359  
Iteration: 1875; Percent complete: 46.9%; Average loss: 3.8286  
Iteration: 1876; Percent complete: 46.9%; Average loss: 3.5042

Iteration: 1877; Percent complete: 46.9%; Average loss: 3.7801  
Iteration: 1878; Percent complete: 46.9%; Average loss: 3.5896  
Iteration: 1879; Percent complete: 47.0%; Average loss: 3.7433  
Iteration: 1880; Percent complete: 47.0%; Average loss: 4.1874  
Iteration: 1881; Percent complete: 47.0%; Average loss: 4.0858  
Iteration: 1882; Percent complete: 47.0%; Average loss: 4.0199  
Iteration: 1883; Percent complete: 47.1%; Average loss: 3.8816  
Iteration: 1884; Percent complete: 47.1%; Average loss: 4.0814  
Iteration: 1885; Percent complete: 47.1%; Average loss: 3.7912  
Iteration: 1886; Percent complete: 47.1%; Average loss: 3.8810  
Iteration: 1887; Percent complete: 47.2%; Average loss: 4.0975  
Iteration: 1888; Percent complete: 47.2%; Average loss: 3.5501  
Iteration: 1889; Percent complete: 47.2%; Average loss: 3.7069  
Iteration: 1890; Percent complete: 47.2%; Average loss: 3.9523  
Iteration: 1891; Percent complete: 47.3%; Average loss: 3.3776  
Iteration: 1892; Percent complete: 47.3%; Average loss: 3.8221  
Iteration: 1893; Percent complete: 47.3%; Average loss: 3.7337  
Iteration: 1894; Percent complete: 47.3%; Average loss: 3.1842  
Iteration: 1895; Percent complete: 47.4%; Average loss: 4.1183  
Iteration: 1896; Percent complete: 47.4%; Average loss: 3.8384  
Iteration: 1897; Percent complete: 47.4%; Average loss: 3.7387  
Iteration: 1898; Percent complete: 47.4%; Average loss: 4.2450  
Iteration: 1899; Percent complete: 47.5%; Average loss: 3.8478  
Iteration: 1900; Percent complete: 47.5%; Average loss: 3.8969  
Iteration: 1901; Percent complete: 47.5%; Average loss: 4.0397  
Iteration: 1902; Percent complete: 47.5%; Average loss: 3.8512  
Iteration: 1903; Percent complete: 47.6%; Average loss: 3.7125  
Iteration: 1904; Percent complete: 47.6%; Average loss: 4.2539  
Iteration: 1905; Percent complete: 47.6%; Average loss: 3.5398  
Iteration: 1906; Percent complete: 47.6%; Average loss: 3.7724  
Iteration: 1907; Percent complete: 47.7%; Average loss: 3.9256  
Iteration: 1908; Percent complete: 47.7%; Average loss: 3.6070  
Iteration: 1909; Percent complete: 47.7%; Average loss: 3.7567  
Iteration: 1910; Percent complete: 47.8%; Average loss: 3.7649  
Iteration: 1911; Percent complete: 47.8%; Average loss: 3.9608  
Iteration: 1912; Percent complete: 47.8%; Average loss: 3.9822  
Iteration: 1913; Percent complete: 47.8%; Average loss: 4.1464  
Iteration: 1914; Percent complete: 47.9%; Average loss: 3.9102  
Iteration: 1915; Percent complete: 47.9%; Average loss: 3.3967  
Iteration: 1916; Percent complete: 47.9%; Average loss: 4.1095  
Iteration: 1917; Percent complete: 47.9%; Average loss: 3.8031  
Iteration: 1918; Percent complete: 47.9%; Average loss: 3.8267  
Iteration: 1919; Percent complete: 48.0%; Average loss: 3.9436  
Iteration: 1920; Percent complete: 48.0%; Average loss: 3.9904  
Iteration: 1921; Percent complete: 48.0%; Average loss: 3.7692  
Iteration: 1922; Percent complete: 48.0%; Average loss: 3.8559  
Iteration: 1923; Percent complete: 48.1%; Average loss: 3.8574  
Iteration: 1924; Percent complete: 48.1%; Average loss: 3.6661  
Iteration: 1925; Percent complete: 48.1%; Average loss: 3.7477  
Iteration: 1926; Percent complete: 48.1%; Average loss: 3.5759  
Iteration: 1927; Percent complete: 48.2%; Average loss: 4.0090  
Iteration: 1928; Percent complete: 48.2%; Average loss: 3.5648  
Iteration: 1929; Percent complete: 48.2%; Average loss: 3.7648  
Iteration: 1930; Percent complete: 48.2%; Average loss: 3.6928  
Iteration: 1931; Percent complete: 48.3%; Average loss: 4.0348  
Iteration: 1932; Percent complete: 48.3%; Average loss: 3.8702  
Iteration: 1933; Percent complete: 48.3%; Average loss: 3.7643  
Iteration: 1934; Percent complete: 48.4%; Average loss: 3.8872  
Iteration: 1935; Percent complete: 48.4%; Average loss: 3.8174  
Iteration: 1936; Percent complete: 48.4%; Average loss: 3.5459  
Iteration: 1937; Percent complete: 48.4%; Average loss: 3.6088  
Iteration: 1938; Percent complete: 48.4%; Average loss: 3.6359  
Iteration: 1939; Percent complete: 48.5%; Average loss: 3.6631  
Iteration: 1940; Percent complete: 48.5%; Average loss: 3.8770  
Iteration: 1941; Percent complete: 48.5%; Average loss: 4.0115  
Iteration: 1942; Percent complete: 48.5%; Average loss: 4.1615  
Iteration: 1943; Percent complete: 48.6%; Average loss: 3.6382  
Iteration: 1944; Percent complete: 48.6%; Average loss: 3.5600  
Iteration: 1945; Percent complete: 48.6%; Average loss: 3.7788  
Iteration: 1946; Percent complete: 48.6%; Average loss: 3.5818  
Iteration: 1947; Percent complete: 48.7%; Average loss: 3.9453  
Iteration: 1948; Percent complete: 48.7%; Average loss: 3.9541  
Iteration: 1949; Percent complete: 48.7%; Average loss: 3.9580  
Iteration: 1950; Percent complete: 48.8%; Average loss: 3.9170  
Iteration: 1951; Percent complete: 48.8%; Average loss: 3.8829  
Iteration: 1952; Percent complete: 48.8%; Average loss: 3.8893  
Iteration: 1953; Percent complete: 48.8%; Average loss: 4.2936  
Iteration: 1954; Percent complete: 48.9%; Average loss: 3.8735  
Iteration: 1955; Percent complete: 48.9%; Average loss: 3.4541  
Iteration: 1956; Percent complete: 48.9%; Average loss: 3.8503  
Iteration: 1957; Percent complete: 48.9%; Average loss: 3.6444  
Iteration: 1958; Percent complete: 48.9%; Average loss: 3.6777  
Iteration: 1959; Percent complete: 49.0%; Average loss: 3.8721  
Iteration: 1960; Percent complete: 49.0%; Average loss: 3.8474  
Iteration: 1961; Percent complete: 49.0%; Average loss: 3.6155  
Iteration: 1962; Percent complete: 49.0%; Average loss: 4.0507  
Iteration: 1963; Percent complete: 49.1%; Average loss: 3.8153  
Iteration: 1964; Percent complete: 49.1%; Average loss: 3.9758  
Iteration: 1965; Percent complete: 49.1%; Average loss: 3.4666  
Iteration: 1966; Percent complete: 49.1%; Average loss: 3.8886  
Iteration: 1967; Percent complete: 49.2%; Average loss: 4.1086

Iteration: 1968; Percent complete: 49.2%; Average loss: 3.4896  
Iteration: 1969; Percent complete: 49.2%; Average loss: 3.9539  
Iteration: 1970; Percent complete: 49.2%; Average loss: 3.6022  
Iteration: 1971; Percent complete: 49.3%; Average loss: 3.7256  
Iteration: 1972; Percent complete: 49.3%; Average loss: 3.9845  
Iteration: 1973; Percent complete: 49.3%; Average loss: 3.9617  
Iteration: 1974; Percent complete: 49.4%; Average loss: 4.1166  
Iteration: 1975; Percent complete: 49.4%; Average loss: 3.7490  
Iteration: 1976; Percent complete: 49.4%; Average loss: 3.9773  
Iteration: 1977; Percent complete: 49.4%; Average loss: 3.8688  
Iteration: 1978; Percent complete: 49.5%; Average loss: 3.7686  
Iteration: 1979; Percent complete: 49.5%; Average loss: 3.7136  
Iteration: 1980; Percent complete: 49.5%; Average loss: 3.1659  
Iteration: 1981; Percent complete: 49.5%; Average loss: 3.5659  
Iteration: 1982; Percent complete: 49.5%; Average loss: 3.5998  
Iteration: 1983; Percent complete: 49.6%; Average loss: 4.0711  
Iteration: 1984; Percent complete: 49.6%; Average loss: 4.3974  
Iteration: 1985; Percent complete: 49.6%; Average loss: 4.0444  
Iteration: 1986; Percent complete: 49.6%; Average loss: 3.4492  
Iteration: 1987; Percent complete: 49.7%; Average loss: 3.6929  
Iteration: 1988; Percent complete: 49.7%; Average loss: 3.4326  
Iteration: 1989; Percent complete: 49.7%; Average loss: 3.5379  
Iteration: 1990; Percent complete: 49.8%; Average loss: 3.9595  
Iteration: 1991; Percent complete: 49.8%; Average loss: 3.8081  
Iteration: 1992; Percent complete: 49.8%; Average loss: 3.9546  
Iteration: 1993; Percent complete: 49.8%; Average loss: 3.7511  
Iteration: 1994; Percent complete: 49.9%; Average loss: 3.8594  
Iteration: 1995; Percent complete: 49.9%; Average loss: 3.5810  
Iteration: 1996; Percent complete: 49.9%; Average loss: 3.7588  
Iteration: 1997; Percent complete: 49.9%; Average loss: 4.3426  
Iteration: 1998; Percent complete: 50.0%; Average loss: 3.6002  
Iteration: 1999; Percent complete: 50.0%; Average loss: 3.8284  
Iteration: 2000; Percent complete: 50.0%; Average loss: 3.9889  
Iteration: 2001; Percent complete: 50.0%; Average loss: 4.2905  
Iteration: 2002; Percent complete: 50.0%; Average loss: 4.2663  
Iteration: 2003; Percent complete: 50.1%; Average loss: 4.0128  
Iteration: 2004; Percent complete: 50.1%; Average loss: 3.8926  
Iteration: 2005; Percent complete: 50.1%; Average loss: 3.3375  
Iteration: 2006; Percent complete: 50.1%; Average loss: 3.7871  
Iteration: 2007; Percent complete: 50.2%; Average loss: 3.6594  
Iteration: 2008; Percent complete: 50.2%; Average loss: 3.8894  
Iteration: 2009; Percent complete: 50.2%; Average loss: 3.9332  
Iteration: 2010; Percent complete: 50.2%; Average loss: 3.9093  
Iteration: 2011; Percent complete: 50.3%; Average loss: 3.8719  
Iteration: 2012; Percent complete: 50.3%; Average loss: 3.5800  
Iteration: 2013; Percent complete: 50.3%; Average loss: 3.9425  
Iteration: 2014; Percent complete: 50.3%; Average loss: 3.7796  
Iteration: 2015; Percent complete: 50.4%; Average loss: 4.0021  
Iteration: 2016; Percent complete: 50.4%; Average loss: 3.5695  
Iteration: 2017; Percent complete: 50.4%; Average loss: 3.9024  
Iteration: 2018; Percent complete: 50.4%; Average loss: 3.5734  
Iteration: 2019; Percent complete: 50.5%; Average loss: 3.7798  
Iteration: 2020; Percent complete: 50.5%; Average loss: 3.7695  
Iteration: 2021; Percent complete: 50.5%; Average loss: 3.7131  
Iteration: 2022; Percent complete: 50.5%; Average loss: 4.1348  
Iteration: 2023; Percent complete: 50.6%; Average loss: 4.5438  
Iteration: 2024; Percent complete: 50.6%; Average loss: 3.8761  
Iteration: 2025; Percent complete: 50.6%; Average loss: 3.6219  
Iteration: 2026; Percent complete: 50.6%; Average loss: 3.8407  
Iteration: 2027; Percent complete: 50.7%; Average loss: 3.8897  
Iteration: 2028; Percent complete: 50.7%; Average loss: 3.6919  
Iteration: 2029; Percent complete: 50.7%; Average loss: 3.7865  
Iteration: 2030; Percent complete: 50.7%; Average loss: 3.7319  
Iteration: 2031; Percent complete: 50.8%; Average loss: 4.1617  
Iteration: 2032; Percent complete: 50.8%; Average loss: 3.7739  
Iteration: 2033; Percent complete: 50.8%; Average loss: 3.7127  
Iteration: 2034; Percent complete: 50.8%; Average loss: 3.8763  
Iteration: 2035; Percent complete: 50.9%; Average loss: 3.6679  
Iteration: 2036; Percent complete: 50.9%; Average loss: 3.9880  
Iteration: 2037; Percent complete: 50.9%; Average loss: 4.1777  
Iteration: 2038; Percent complete: 50.9%; Average loss: 3.8248  
Iteration: 2039; Percent complete: 51.0%; Average loss: 4.1513  
Iteration: 2040; Percent complete: 51.0%; Average loss: 3.7386  
Iteration: 2041; Percent complete: 51.0%; Average loss: 3.5485  
Iteration: 2042; Percent complete: 51.0%; Average loss: 3.5499  
Iteration: 2043; Percent complete: 51.1%; Average loss: 3.9607  
Iteration: 2044; Percent complete: 51.1%; Average loss: 3.6686  
Iteration: 2045; Percent complete: 51.1%; Average loss: 4.2197  
Iteration: 2046; Percent complete: 51.1%; Average loss: 3.8211  
Iteration: 2047; Percent complete: 51.2%; Average loss: 3.6490  
Iteration: 2048; Percent complete: 51.2%; Average loss: 3.8415  
Iteration: 2049; Percent complete: 51.2%; Average loss: 4.1436  
Iteration: 2050; Percent complete: 51.2%; Average loss: 3.7108  
Iteration: 2051; Percent complete: 51.3%; Average loss: 3.7336  
Iteration: 2052; Percent complete: 51.3%; Average loss: 3.6159  
Iteration: 2053; Percent complete: 51.3%; Average loss: 3.8520  
Iteration: 2054; Percent complete: 51.3%; Average loss: 3.7377  
Iteration: 2055; Percent complete: 51.4%; Average loss: 3.9818  
Iteration: 2056; Percent complete: 51.4%; Average loss: 3.9379  
Iteration: 2057; Percent complete: 51.4%; Average loss: 3.8595  
Iteration: 2058; Percent complete: 51.4%; Average loss: 3.6630



Iteration: 2059; Percent complete: 51.5%; Average loss: 3.9523  
Iteration: 2060; Percent complete: 51.5%; Average loss: 3.6201  
Iteration: 2061; Percent complete: 51.5%; Average loss: 3.9558  
Iteration: 2062; Percent complete: 51.5%; Average loss: 3.9573  
Iteration: 2063; Percent complete: 51.6%; Average loss: 4.3031  
Iteration: 2064; Percent complete: 51.6%; Average loss: 4.0955  
Iteration: 2065; Percent complete: 51.6%; Average loss: 3.4887  
Iteration: 2066; Percent complete: 51.6%; Average loss: 4.0251  
Iteration: 2067; Percent complete: 51.7%; Average loss: 3.9734  
Iteration: 2068; Percent complete: 51.7%; Average loss: 4.0520  
Iteration: 2069; Percent complete: 51.7%; Average loss: 3.4836  
Iteration: 2070; Percent complete: 51.7%; Average loss: 4.2717  
Iteration: 2071; Percent complete: 51.8%; Average loss: 4.0050  
Iteration: 2072; Percent complete: 51.8%; Average loss: 3.6943  
Iteration: 2073; Percent complete: 51.8%; Average loss: 4.1756  
Iteration: 2074; Percent complete: 51.8%; Average loss: 3.7107  
Iteration: 2075; Percent complete: 51.9%; Average loss: 4.1911  
Iteration: 2076; Percent complete: 51.9%; Average loss: 3.8568  
Iteration: 2077; Percent complete: 51.9%; Average loss: 3.7228  
Iteration: 2078; Percent complete: 51.9%; Average loss: 4.2372  
Iteration: 2079; Percent complete: 52.0%; Average loss: 3.4711  
Iteration: 2080; Percent complete: 52.0%; Average loss: 3.3311  
Iteration: 2081; Percent complete: 52.0%; Average loss: 3.5349  
Iteration: 2082; Percent complete: 52.0%; Average loss: 3.8795  
Iteration: 2083; Percent complete: 52.1%; Average loss: 3.8226  
Iteration: 2084; Percent complete: 52.1%; Average loss: 3.4834  
Iteration: 2085; Percent complete: 52.1%; Average loss: 4.1093  
Iteration: 2086; Percent complete: 52.1%; Average loss: 3.8258  
Iteration: 2087; Percent complete: 52.2%; Average loss: 4.0618  
Iteration: 2088; Percent complete: 52.2%; Average loss: 4.3442  
Iteration: 2089; Percent complete: 52.2%; Average loss: 3.6341  
Iteration: 2090; Percent complete: 52.2%; Average loss: 3.6769  
Iteration: 2091; Percent complete: 52.3%; Average loss: 3.5141  
Iteration: 2092; Percent complete: 52.3%; Average loss: 3.5837  
Iteration: 2093; Percent complete: 52.3%; Average loss: 3.7961  
Iteration: 2094; Percent complete: 52.3%; Average loss: 3.8962  
Iteration: 2095; Percent complete: 52.4%; Average loss: 3.9242  
Iteration: 2096; Percent complete: 52.4%; Average loss: 3.7581  
Iteration: 2097; Percent complete: 52.4%; Average loss: 4.0901  
Iteration: 2098; Percent complete: 52.4%; Average loss: 3.9426  
Iteration: 2099; Percent complete: 52.5%; Average loss: 3.7365  
Iteration: 2100; Percent complete: 52.5%; Average loss: 3.3650  
Iteration: 2101; Percent complete: 52.5%; Average loss: 3.8630  
Iteration: 2102; Percent complete: 52.5%; Average loss: 3.8741  
Iteration: 2103; Percent complete: 52.6%; Average loss: 3.8805  
Iteration: 2104; Percent complete: 52.6%; Average loss: 3.4674  
Iteration: 2105; Percent complete: 52.6%; Average loss: 3.5767  
Iteration: 2106; Percent complete: 52.6%; Average loss: 3.4421  
Iteration: 2107; Percent complete: 52.7%; Average loss: 3.5663  
Iteration: 2108; Percent complete: 52.7%; Average loss: 4.3957  
Iteration: 2109; Percent complete: 52.7%; Average loss: 3.7736  
Iteration: 2110; Percent complete: 52.8%; Average loss: 3.8886  
Iteration: 2111; Percent complete: 52.8%; Average loss: 4.0178  
Iteration: 2112; Percent complete: 52.8%; Average loss: 4.2005  
Iteration: 2113; Percent complete: 52.8%; Average loss: 4.0442  
Iteration: 2114; Percent complete: 52.8%; Average loss: 3.8838  
Iteration: 2115; Percent complete: 52.9%; Average loss: 3.6874  
Iteration: 2116; Percent complete: 52.9%; Average loss: 4.2629  
Iteration: 2117; Percent complete: 52.9%; Average loss: 4.1809  
Iteration: 2118; Percent complete: 52.9%; Average loss: 3.8660  
Iteration: 2119; Percent complete: 53.0%; Average loss: 3.6201  
Iteration: 2120; Percent complete: 53.0%; Average loss: 4.0779  
Iteration: 2121; Percent complete: 53.0%; Average loss: 3.6486  
Iteration: 2122; Percent complete: 53.0%; Average loss: 3.6080  
Iteration: 2123; Percent complete: 53.1%; Average loss: 3.2797  
Iteration: 2124; Percent complete: 53.1%; Average loss: 4.1821  
Iteration: 2125; Percent complete: 53.1%; Average loss: 4.0660  
Iteration: 2126; Percent complete: 53.1%; Average loss: 3.7791  
Iteration: 2127; Percent complete: 53.2%; Average loss: 3.6945  
Iteration: 2128; Percent complete: 53.2%; Average loss: 3.4656  
Iteration: 2129; Percent complete: 53.2%; Average loss: 3.6737  
Iteration: 2130; Percent complete: 53.2%; Average loss: 4.0265  
Iteration: 2131; Percent complete: 53.3%; Average loss: 3.7014  
Iteration: 2132; Percent complete: 53.3%; Average loss: 3.7945  
Iteration: 2133; Percent complete: 53.3%; Average loss: 3.8724  
Iteration: 2134; Percent complete: 53.3%; Average loss: 3.7262  
Iteration: 2135; Percent complete: 53.4%; Average loss: 3.7858  
Iteration: 2136; Percent complete: 53.4%; Average loss: 4.2851  
Iteration: 2137; Percent complete: 53.4%; Average loss: 3.5243  
Iteration: 2138; Percent complete: 53.4%; Average loss: 3.5382  
Iteration: 2139; Percent complete: 53.5%; Average loss: 3.2854  
Iteration: 2140; Percent complete: 53.5%; Average loss: 4.2730  
Iteration: 2141; Percent complete: 53.5%; Average loss: 3.4145  
Iteration: 2142; Percent complete: 53.5%; Average loss: 3.7326  
Iteration: 2143; Percent complete: 53.6%; Average loss: 3.9237  
Iteration: 2144; Percent complete: 53.6%; Average loss: 3.7621  
Iteration: 2145; Percent complete: 53.6%; Average loss: 3.6497  
Iteration: 2146; Percent complete: 53.6%; Average loss: 3.6368  
Iteration: 2147; Percent complete: 53.7%; Average loss: 4.0347  
Iteration: 2148; Percent complete: 53.7%; Average loss: 4.3580  
Iteration: 2149; Percent complete: 53.7%; Average loss: 3.7701  
Iteration: 2150; Percent complete: 53.8%; Average loss: 3.9737

Iteration: 2150; Percent complete: 53.8%; Average loss: 3.9727  
Iteration: 2151; Percent complete: 53.8%; Average loss: 3.6635  
Iteration: 2152; Percent complete: 53.8%; Average loss: 3.8466  
Iteration: 2153; Percent complete: 53.8%; Average loss: 3.3259  
Iteration: 2154; Percent complete: 53.8%; Average loss: 3.4814  
Iteration: 2155; Percent complete: 53.9%; Average loss: 4.1114  
Iteration: 2156; Percent complete: 53.9%; Average loss: 3.8796  
Iteration: 2157; Percent complete: 53.9%; Average loss: 3.5631  
Iteration: 2158; Percent complete: 53.9%; Average loss: 3.7806  
Iteration: 2159; Percent complete: 54.0%; Average loss: 3.8200  
Iteration: 2160; Percent complete: 54.0%; Average loss: 4.1142  
Iteration: 2161; Percent complete: 54.0%; Average loss: 3.5958  
Iteration: 2162; Percent complete: 54.0%; Average loss: 3.4586  
Iteration: 2163; Percent complete: 54.1%; Average loss: 4.1730  
Iteration: 2164; Percent complete: 54.1%; Average loss: 4.0770  
Iteration: 2165; Percent complete: 54.1%; Average loss: 3.4835  
Iteration: 2166; Percent complete: 54.1%; Average loss: 3.7792  
Iteration: 2167; Percent complete: 54.2%; Average loss: 4.1604  
Iteration: 2168; Percent complete: 54.2%; Average loss: 3.7764  
Iteration: 2169; Percent complete: 54.2%; Average loss: 3.8705  
Iteration: 2170; Percent complete: 54.2%; Average loss: 4.0023  
Iteration: 2171; Percent complete: 54.3%; Average loss: 3.6964  
Iteration: 2172; Percent complete: 54.3%; Average loss: 4.0151  
Iteration: 2173; Percent complete: 54.3%; Average loss: 3.9084  
Iteration: 2174; Percent complete: 54.4%; Average loss: 3.7597  
Iteration: 2175; Percent complete: 54.4%; Average loss: 4.0233  
Iteration: 2176; Percent complete: 54.4%; Average loss: 4.1379  
Iteration: 2177; Percent complete: 54.4%; Average loss: 3.1658  
Iteration: 2178; Percent complete: 54.4%; Average loss: 3.6342  
Iteration: 2179; Percent complete: 54.5%; Average loss: 3.4665  
Iteration: 2180; Percent complete: 54.5%; Average loss: 3.7899  
Iteration: 2181; Percent complete: 54.5%; Average loss: 3.7954  
Iteration: 2182; Percent complete: 54.5%; Average loss: 3.9579  
Iteration: 2183; Percent complete: 54.6%; Average loss: 3.6169  
Iteration: 2184; Percent complete: 54.6%; Average loss: 3.7795  
Iteration: 2185; Percent complete: 54.6%; Average loss: 3.8697  
Iteration: 2186; Percent complete: 54.6%; Average loss: 3.8372  
Iteration: 2187; Percent complete: 54.7%; Average loss: 4.0366  
Iteration: 2188; Percent complete: 54.7%; Average loss: 3.6934  
Iteration: 2189; Percent complete: 54.7%; Average loss: 4.0940  
Iteration: 2190; Percent complete: 54.8%; Average loss: 4.0542  
Iteration: 2191; Percent complete: 54.8%; Average loss: 4.2514  
Iteration: 2192; Percent complete: 54.8%; Average loss: 3.3741  
Iteration: 2193; Percent complete: 54.8%; Average loss: 3.8482  
Iteration: 2194; Percent complete: 54.9%; Average loss: 3.5414  
Iteration: 2195; Percent complete: 54.9%; Average loss: 4.0478  
Iteration: 2196; Percent complete: 54.9%; Average loss: 3.9310  
Iteration: 2197; Percent complete: 54.9%; Average loss: 4.0895  
Iteration: 2198; Percent complete: 54.9%; Average loss: 3.7221  
Iteration: 2199; Percent complete: 55.0%; Average loss: 4.1038  
Iteration: 2200; Percent complete: 55.0%; Average loss: 3.7692  
Iteration: 2201; Percent complete: 55.0%; Average loss: 4.0763  
Iteration: 2202; Percent complete: 55.0%; Average loss: 3.9452  
Iteration: 2203; Percent complete: 55.1%; Average loss: 3.7924  
Iteration: 2204; Percent complete: 55.1%; Average loss: 3.5192  
Iteration: 2205; Percent complete: 55.1%; Average loss: 3.8788  
Iteration: 2206; Percent complete: 55.1%; Average loss: 3.9050  
Iteration: 2207; Percent complete: 55.2%; Average loss: 3.6577  
Iteration: 2208; Percent complete: 55.2%; Average loss: 3.6608  
Iteration: 2209; Percent complete: 55.2%; Average loss: 3.5229  
Iteration: 2210; Percent complete: 55.2%; Average loss: 3.6674  
Iteration: 2211; Percent complete: 55.3%; Average loss: 4.3069  
Iteration: 2212; Percent complete: 55.3%; Average loss: 4.0629  
Iteration: 2213; Percent complete: 55.3%; Average loss: 3.4849  
Iteration: 2214; Percent complete: 55.4%; Average loss: 3.8557  
Iteration: 2215; Percent complete: 55.4%; Average loss: 3.8510  
Iteration: 2216; Percent complete: 55.4%; Average loss: 4.0958  
Iteration: 2217; Percent complete: 55.4%; Average loss: 3.9067  
Iteration: 2218; Percent complete: 55.5%; Average loss: 3.6859  
Iteration: 2219; Percent complete: 55.5%; Average loss: 3.7792  
Iteration: 2220; Percent complete: 55.5%; Average loss: 4.0961  
Iteration: 2221; Percent complete: 55.5%; Average loss: 3.4813  
Iteration: 2222; Percent complete: 55.5%; Average loss: 3.8684  
Iteration: 2223; Percent complete: 55.6%; Average loss: 3.9517  
Iteration: 2224; Percent complete: 55.6%; Average loss: 3.7332  
Iteration: 2225; Percent complete: 55.6%; Average loss: 3.4142  
Iteration: 2226; Percent complete: 55.6%; Average loss: 4.3133  
Iteration: 2227; Percent complete: 55.7%; Average loss: 3.9773  
Iteration: 2228; Percent complete: 55.7%; Average loss: 3.5425  
Iteration: 2229; Percent complete: 55.7%; Average loss: 3.6796  
Iteration: 2230; Percent complete: 55.8%; Average loss: 4.0208  
Iteration: 2231; Percent complete: 55.8%; Average loss: 4.0286  
Iteration: 2232; Percent complete: 55.8%; Average loss: 3.6881  
Iteration: 2233; Percent complete: 55.8%; Average loss: 3.9655  
Iteration: 2234; Percent complete: 55.9%; Average loss: 4.0202  
Iteration: 2235; Percent complete: 55.9%; Average loss: 4.0291  
Iteration: 2236; Percent complete: 55.9%; Average loss: 4.0479  
Iteration: 2237; Percent complete: 55.9%; Average loss: 3.9839  
Iteration: 2238; Percent complete: 56.0%; Average loss: 3.8837  
Iteration: 2239; Percent complete: 56.0%; Average loss: 4.3183  
Iteration: 2240; Percent complete: 56.0%; Average loss: 3.9905  
Iteration: 2241; Percent complete: 56.0%; Average loss: 3.6658

Iteration: 2242; Percent complete: 56.0%; Average loss: 3.3510  
Iteration: 2243; Percent complete: 56.1%; Average loss: 3.8292  
Iteration: 2244; Percent complete: 56.1%; Average loss: 3.6551  
Iteration: 2245; Percent complete: 56.1%; Average loss: 4.0034  
Iteration: 2246; Percent complete: 56.1%; Average loss: 3.4796  
Iteration: 2247; Percent complete: 56.2%; Average loss: 3.9745  
Iteration: 2248; Percent complete: 56.2%; Average loss: 3.8161  
Iteration: 2249; Percent complete: 56.2%; Average loss: 3.6923  
Iteration: 2250; Percent complete: 56.2%; Average loss: 3.5690  
Iteration: 2251; Percent complete: 56.3%; Average loss: 4.2153  
Iteration: 2252; Percent complete: 56.3%; Average loss: 3.6682  
Iteration: 2253; Percent complete: 56.3%; Average loss: 3.5950  
Iteration: 2254; Percent complete: 56.4%; Average loss: 3.9143  
Iteration: 2255; Percent complete: 56.4%; Average loss: 3.8404  
Iteration: 2256; Percent complete: 56.4%; Average loss: 3.6643  
Iteration: 2257; Percent complete: 56.4%; Average loss: 3.6538  
Iteration: 2258; Percent complete: 56.5%; Average loss: 4.0528  
Iteration: 2259; Percent complete: 56.5%; Average loss: 3.6438  
Iteration: 2260; Percent complete: 56.5%; Average loss: 3.4065  
Iteration: 2261; Percent complete: 56.5%; Average loss: 3.9218  
Iteration: 2262; Percent complete: 56.5%; Average loss: 3.8185  
Iteration: 2263; Percent complete: 56.6%; Average loss: 4.1186  
Iteration: 2264; Percent complete: 56.6%; Average loss: 3.5914  
Iteration: 2265; Percent complete: 56.6%; Average loss: 3.9744  
Iteration: 2266; Percent complete: 56.6%; Average loss: 3.7192  
Iteration: 2267; Percent complete: 56.7%; Average loss: 3.6780  
Iteration: 2268; Percent complete: 56.7%; Average loss: 3.8046  
Iteration: 2269; Percent complete: 56.7%; Average loss: 3.8797  
Iteration: 2270; Percent complete: 56.8%; Average loss: 3.6355  
Iteration: 2271; Percent complete: 56.8%; Average loss: 3.6564  
Iteration: 2272; Percent complete: 56.8%; Average loss: 4.1919  
Iteration: 2273; Percent complete: 56.8%; Average loss: 3.9535  
Iteration: 2274; Percent complete: 56.9%; Average loss: 3.2785  
Iteration: 2275; Percent complete: 56.9%; Average loss: 3.8249  
Iteration: 2276; Percent complete: 56.9%; Average loss: 3.8372  
Iteration: 2277; Percent complete: 56.9%; Average loss: 3.6860  
Iteration: 2278; Percent complete: 57.0%; Average loss: 3.9637  
Iteration: 2279; Percent complete: 57.0%; Average loss: 4.1313  
Iteration: 2280; Percent complete: 57.0%; Average loss: 3.9786  
Iteration: 2281; Percent complete: 57.0%; Average loss: 3.8227  
Iteration: 2282; Percent complete: 57.0%; Average loss: 3.6250  
Iteration: 2283; Percent complete: 57.1%; Average loss: 3.9031  
Iteration: 2284; Percent complete: 57.1%; Average loss: 4.0690  
Iteration: 2285; Percent complete: 57.1%; Average loss: 4.1104  
Iteration: 2286; Percent complete: 57.1%; Average loss: 3.9965  
Iteration: 2287; Percent complete: 57.2%; Average loss: 3.6505  
Iteration: 2288; Percent complete: 57.2%; Average loss: 3.7173  
Iteration: 2289; Percent complete: 57.2%; Average loss: 4.0375  
Iteration: 2290; Percent complete: 57.2%; Average loss: 3.7575  
Iteration: 2291; Percent complete: 57.3%; Average loss: 3.8317  
Iteration: 2292; Percent complete: 57.3%; Average loss: 4.1860  
Iteration: 2293; Percent complete: 57.3%; Average loss: 3.6716  
Iteration: 2294; Percent complete: 57.4%; Average loss: 4.1535  
Iteration: 2295; Percent complete: 57.4%; Average loss: 3.4456  
Iteration: 2296; Percent complete: 57.4%; Average loss: 3.6510  
Iteration: 2297; Percent complete: 57.4%; Average loss: 3.9647  
Iteration: 2298; Percent complete: 57.5%; Average loss: 3.8356  
Iteration: 2299; Percent complete: 57.5%; Average loss: 4.1948  
Iteration: 2300; Percent complete: 57.5%; Average loss: 3.9064  
Iteration: 2301; Percent complete: 57.5%; Average loss: 3.8159  
Iteration: 2302; Percent complete: 57.6%; Average loss: 3.7397  
Iteration: 2303; Percent complete: 57.6%; Average loss: 3.6684  
Iteration: 2304; Percent complete: 57.6%; Average loss: 4.3765  
Iteration: 2305; Percent complete: 57.6%; Average loss: 3.8515  
Iteration: 2306; Percent complete: 57.6%; Average loss: 3.4636  
Iteration: 2307; Percent complete: 57.7%; Average loss: 3.7641  
Iteration: 2308; Percent complete: 57.7%; Average loss: 4.0469  
Iteration: 2309; Percent complete: 57.7%; Average loss: 3.6582  
Iteration: 2310; Percent complete: 57.8%; Average loss: 3.8215  
Iteration: 2311; Percent complete: 57.8%; Average loss: 3.8012  
Iteration: 2312; Percent complete: 57.8%; Average loss: 3.9666  
Iteration: 2313; Percent complete: 57.8%; Average loss: 3.8667  
Iteration: 2314; Percent complete: 57.9%; Average loss: 3.8942  
Iteration: 2315; Percent complete: 57.9%; Average loss: 3.5962  
Iteration: 2316; Percent complete: 57.9%; Average loss: 3.4141  
Iteration: 2317; Percent complete: 57.9%; Average loss: 3.9778  
Iteration: 2318; Percent complete: 58.0%; Average loss: 4.0528  
Iteration: 2319; Percent complete: 58.0%; Average loss: 3.8691  
Iteration: 2320; Percent complete: 58.0%; Average loss: 3.8057  
Iteration: 2321; Percent complete: 58.0%; Average loss: 4.1881  
Iteration: 2322; Percent complete: 58.1%; Average loss: 4.0292  
Iteration: 2323; Percent complete: 58.1%; Average loss: 4.0258  
Iteration: 2324; Percent complete: 58.1%; Average loss: 4.0930  
Iteration: 2325; Percent complete: 58.1%; Average loss: 3.4808  
Iteration: 2326; Percent complete: 58.1%; Average loss: 3.9892  
Iteration: 2327; Percent complete: 58.2%; Average loss: 3.8602  
Iteration: 2328; Percent complete: 58.2%; Average loss: 3.9320  
Iteration: 2329; Percent complete: 58.2%; Average loss: 3.8748  
Iteration: 2330; Percent complete: 58.2%; Average loss: 4.1985  
Iteration: 2331; Percent complete: 58.3%; Average loss: 3.7965  
Iteration: 2332; Percent complete: 58.3%; Average loss: 3.7686

Iteration: 2333; Percent complete: 58.3%; Average loss: 4.0568  
Iteration: 2334; Percent complete: 58.4%; Average loss: 4.2829  
Iteration: 2335; Percent complete: 58.4%; Average loss: 3.7336  
Iteration: 2336; Percent complete: 58.4%; Average loss: 3.7273  
Iteration: 2337; Percent complete: 58.4%; Average loss: 4.3421  
Iteration: 2338; Percent complete: 58.5%; Average loss: 3.8713  
Iteration: 2339; Percent complete: 58.5%; Average loss: 3.7808  
Iteration: 2340; Percent complete: 58.5%; Average loss: 3.8369  
Iteration: 2341; Percent complete: 58.5%; Average loss: 3.7296  
Iteration: 2342; Percent complete: 58.6%; Average loss: 3.8260  
Iteration: 2343; Percent complete: 58.6%; Average loss: 4.5797  
Iteration: 2344; Percent complete: 58.6%; Average loss: 4.0370  
Iteration: 2345; Percent complete: 58.6%; Average loss: 3.8211  
Iteration: 2346; Percent complete: 58.7%; Average loss: 3.9770  
Iteration: 2347; Percent complete: 58.7%; Average loss: 4.0091  
Iteration: 2348; Percent complete: 58.7%; Average loss: 3.8413  
Iteration: 2349; Percent complete: 58.7%; Average loss: 3.8100  
Iteration: 2350; Percent complete: 58.8%; Average loss: 4.2367  
Iteration: 2351; Percent complete: 58.8%; Average loss: 3.5267  
Iteration: 2352; Percent complete: 58.8%; Average loss: 3.4224  
Iteration: 2353; Percent complete: 58.8%; Average loss: 3.8268  
Iteration: 2354; Percent complete: 58.9%; Average loss: 3.9783  
Iteration: 2355; Percent complete: 58.9%; Average loss: 3.7908  
Iteration: 2356; Percent complete: 58.9%; Average loss: 3.7889  
Iteration: 2357; Percent complete: 58.9%; Average loss: 3.7456  
Iteration: 2358; Percent complete: 59.0%; Average loss: 3.7984  
Iteration: 2359; Percent complete: 59.0%; Average loss: 3.8667  
Iteration: 2360; Percent complete: 59.0%; Average loss: 3.9049  
Iteration: 2361; Percent complete: 59.0%; Average loss: 3.7548  
Iteration: 2362; Percent complete: 59.1%; Average loss: 3.8561  
Iteration: 2363; Percent complete: 59.1%; Average loss: 3.5251  
Iteration: 2364; Percent complete: 59.1%; Average loss: 4.2449  
Iteration: 2365; Percent complete: 59.1%; Average loss: 3.9442  
Iteration: 2366; Percent complete: 59.2%; Average loss: 3.7671  
Iteration: 2367; Percent complete: 59.2%; Average loss: 4.0276  
Iteration: 2368; Percent complete: 59.2%; Average loss: 3.8941  
Iteration: 2369; Percent complete: 59.2%; Average loss: 3.9490  
Iteration: 2370; Percent complete: 59.2%; Average loss: 3.8035  
Iteration: 2371; Percent complete: 59.3%; Average loss: 3.9767  
Iteration: 2372; Percent complete: 59.3%; Average loss: 3.8110  
Iteration: 2373; Percent complete: 59.3%; Average loss: 3.8422  
Iteration: 2374; Percent complete: 59.4%; Average loss: 3.2990  
Iteration: 2375; Percent complete: 59.4%; Average loss: 4.4856  
Iteration: 2376; Percent complete: 59.4%; Average loss: 4.0271  
Iteration: 2377; Percent complete: 59.4%; Average loss: 3.5833  
Iteration: 2378; Percent complete: 59.5%; Average loss: 3.8785  
Iteration: 2379; Percent complete: 59.5%; Average loss: 3.9588  
Iteration: 2380; Percent complete: 59.5%; Average loss: 3.6335  
Iteration: 2381; Percent complete: 59.5%; Average loss: 3.6806  
Iteration: 2382; Percent complete: 59.6%; Average loss: 3.6667  
Iteration: 2383; Percent complete: 59.6%; Average loss: 4.0527  
Iteration: 2384; Percent complete: 59.6%; Average loss: 3.5251  
Iteration: 2385; Percent complete: 59.6%; Average loss: 4.1408  
Iteration: 2386; Percent complete: 59.7%; Average loss: 3.8948  
Iteration: 2387; Percent complete: 59.7%; Average loss: 3.6912  
Iteration: 2388; Percent complete: 59.7%; Average loss: 3.8411  
Iteration: 2389; Percent complete: 59.7%; Average loss: 3.9453  
Iteration: 2390; Percent complete: 59.8%; Average loss: 3.9599  
Iteration: 2391; Percent complete: 59.8%; Average loss: 4.2331  
Iteration: 2392; Percent complete: 59.8%; Average loss: 4.0262  
Iteration: 2393; Percent complete: 59.8%; Average loss: 3.9462  
Iteration: 2394; Percent complete: 59.9%; Average loss: 4.2626  
Iteration: 2395; Percent complete: 59.9%; Average loss: 3.9082  
Iteration: 2396; Percent complete: 59.9%; Average loss: 3.9520  
Iteration: 2397; Percent complete: 59.9%; Average loss: 3.5454  
Iteration: 2398; Percent complete: 60.0%; Average loss: 4.1983  
Iteration: 2399; Percent complete: 60.0%; Average loss: 4.0694  
Iteration: 2400; Percent complete: 60.0%; Average loss: 3.9764  
Iteration: 2401; Percent complete: 60.0%; Average loss: 3.6728  
Iteration: 2402; Percent complete: 60.1%; Average loss: 3.7486  
Iteration: 2403; Percent complete: 60.1%; Average loss: 4.1884  
Iteration: 2404; Percent complete: 60.1%; Average loss: 3.2012  
Iteration: 2405; Percent complete: 60.1%; Average loss: 3.7714  
Iteration: 2406; Percent complete: 60.2%; Average loss: 3.6925  
Iteration: 2407; Percent complete: 60.2%; Average loss: 4.1143  
Iteration: 2408; Percent complete: 60.2%; Average loss: 4.0089  
Iteration: 2409; Percent complete: 60.2%; Average loss: 3.9739  
Iteration: 2410; Percent complete: 60.2%; Average loss: 3.5628  
Iteration: 2411; Percent complete: 60.3%; Average loss: 3.6105  
Iteration: 2412; Percent complete: 60.3%; Average loss: 4.0606  
Iteration: 2413; Percent complete: 60.3%; Average loss: 3.9499  
Iteration: 2414; Percent complete: 60.4%; Average loss: 4.0707  
Iteration: 2415; Percent complete: 60.4%; Average loss: 4.1111  
Iteration: 2416; Percent complete: 60.4%; Average loss: 3.8799  
Iteration: 2417; Percent complete: 60.4%; Average loss: 4.2743  
Iteration: 2418; Percent complete: 60.5%; Average loss: 3.9372  
Iteration: 2419; Percent complete: 60.5%; Average loss: 3.6821  
Iteration: 2420; Percent complete: 60.5%; Average loss: 3.8345  
Iteration: 2421; Percent complete: 60.5%; Average loss: 4.0372  
Iteration: 2422; Percent complete: 60.6%; Average loss: 3.9449  
Iteration: 2423; Percent complete: 60.6%; Average loss: 3.8516

Iteration: 2424; Percent complete: 60.6%; Average loss: 4.3006  
Iteration: 2425; Percent complete: 60.6%; Average loss: 4.1948  
Iteration: 2426; Percent complete: 60.7%; Average loss: 3.6004  
Iteration: 2427; Percent complete: 60.7%; Average loss: 3.7903  
Iteration: 2428; Percent complete: 60.7%; Average loss: 3.5108  
Iteration: 2429; Percent complete: 60.7%; Average loss: 4.2357  
Iteration: 2430; Percent complete: 60.8%; Average loss: 3.8466  
Iteration: 2431; Percent complete: 60.8%; Average loss: 3.9108  
Iteration: 2432; Percent complete: 60.8%; Average loss: 3.4864  
Iteration: 2433; Percent complete: 60.8%; Average loss: 3.9130  
Iteration: 2434; Percent complete: 60.9%; Average loss: 3.9375  
Iteration: 2435; Percent complete: 60.9%; Average loss: 4.0182  
Iteration: 2436; Percent complete: 60.9%; Average loss: 3.9781  
Iteration: 2437; Percent complete: 60.9%; Average loss: 3.9365  
Iteration: 2438; Percent complete: 61.0%; Average loss: 3.7287  
Iteration: 2439; Percent complete: 61.0%; Average loss: 3.9684  
Iteration: 2440; Percent complete: 61.0%; Average loss: 3.6908  
Iteration: 2441; Percent complete: 61.0%; Average loss: 3.9099  
Iteration: 2442; Percent complete: 61.1%; Average loss: 4.1244  
Iteration: 2443; Percent complete: 61.1%; Average loss: 3.8669  
Iteration: 2444; Percent complete: 61.1%; Average loss: 3.9741  
Iteration: 2445; Percent complete: 61.1%; Average loss: 3.7087  
Iteration: 2446; Percent complete: 61.2%; Average loss: 3.9909  
Iteration: 2447; Percent complete: 61.2%; Average loss: 3.9385  
Iteration: 2448; Percent complete: 61.2%; Average loss: 4.0681  
Iteration: 2449; Percent complete: 61.2%; Average loss: 3.7686  
Iteration: 2450; Percent complete: 61.3%; Average loss: 3.7576  
Iteration: 2451; Percent complete: 61.3%; Average loss: 4.0074  
Iteration: 2452; Percent complete: 61.3%; Average loss: 4.1081  
Iteration: 2453; Percent complete: 61.3%; Average loss: 3.6007  
Iteration: 2454; Percent complete: 61.4%; Average loss: 4.1791  
Iteration: 2455; Percent complete: 61.4%; Average loss: 3.7525  
Iteration: 2456; Percent complete: 61.4%; Average loss: 4.3773  
Iteration: 2457; Percent complete: 61.4%; Average loss: 3.5338  
Iteration: 2458; Percent complete: 61.5%; Average loss: 3.7861  
Iteration: 2459; Percent complete: 61.5%; Average loss: 4.1263  
Iteration: 2460; Percent complete: 61.5%; Average loss: 3.6478  
Iteration: 2461; Percent complete: 61.5%; Average loss: 3.7650  
Iteration: 2462; Percent complete: 61.6%; Average loss: 4.2523  
Iteration: 2463; Percent complete: 61.6%; Average loss: 3.8860  
Iteration: 2464; Percent complete: 61.6%; Average loss: 3.7762  
Iteration: 2465; Percent complete: 61.6%; Average loss: 3.9726  
Iteration: 2466; Percent complete: 61.7%; Average loss: 3.9491  
Iteration: 2467; Percent complete: 61.7%; Average loss: 3.5428  
Iteration: 2468; Percent complete: 61.7%; Average loss: 3.8629  
Iteration: 2469; Percent complete: 61.7%; Average loss: 3.9627  
Iteration: 2470; Percent complete: 61.8%; Average loss: 3.9038  
Iteration: 2471; Percent complete: 61.8%; Average loss: 4.0516  
Iteration: 2472; Percent complete: 61.8%; Average loss: 3.7358  
Iteration: 2473; Percent complete: 61.8%; Average loss: 4.0758  
Iteration: 2474; Percent complete: 61.9%; Average loss: 4.1167  
Iteration: 2475; Percent complete: 61.9%; Average loss: 3.8958  
Iteration: 2476; Percent complete: 61.9%; Average loss: 3.7555  
Iteration: 2477; Percent complete: 61.9%; Average loss: 3.7809  
Iteration: 2478; Percent complete: 62.0%; Average loss: 4.1137  
Iteration: 2479; Percent complete: 62.0%; Average loss: 4.5451  
Iteration: 2480; Percent complete: 62.0%; Average loss: 3.9052  
Iteration: 2481; Percent complete: 62.0%; Average loss: 4.1683  
Iteration: 2482; Percent complete: 62.1%; Average loss: 4.0920  
Iteration: 2483; Percent complete: 62.1%; Average loss: 4.1591  
Iteration: 2484; Percent complete: 62.1%; Average loss: 4.2620  
Iteration: 2485; Percent complete: 62.1%; Average loss: 4.1176  
Iteration: 2486; Percent complete: 62.2%; Average loss: 3.9281  
Iteration: 2487; Percent complete: 62.2%; Average loss: 3.7523  
Iteration: 2488; Percent complete: 62.2%; Average loss: 3.9370  
Iteration: 2489; Percent complete: 62.2%; Average loss: 3.9072  
Iteration: 2490; Percent complete: 62.3%; Average loss: 4.2214  
Iteration: 2491; Percent complete: 62.3%; Average loss: 3.6078  
Iteration: 2492; Percent complete: 62.3%; Average loss: 3.8772  
Iteration: 2493; Percent complete: 62.3%; Average loss: 3.8078  
Iteration: 2494; Percent complete: 62.4%; Average loss: 3.8330  
Iteration: 2495; Percent complete: 62.4%; Average loss: 3.8143  
Iteration: 2496; Percent complete: 62.4%; Average loss: 4.2845  
Iteration: 2497; Percent complete: 62.4%; Average loss: 4.3442  
Iteration: 2498; Percent complete: 62.5%; Average loss: 4.1552  
Iteration: 2499; Percent complete: 62.5%; Average loss: 3.4637  
Iteration: 2500; Percent complete: 62.5%; Average loss: 3.8337  
Iteration: 2501; Percent complete: 62.5%; Average loss: 3.8565  
Iteration: 2502; Percent complete: 62.5%; Average loss: 4.3587  
Iteration: 2503; Percent complete: 62.6%; Average loss: 4.1793  
Iteration: 2504; Percent complete: 62.6%; Average loss: 4.0962  
Iteration: 2505; Percent complete: 62.6%; Average loss: 3.9320  
Iteration: 2506; Percent complete: 62.6%; Average loss: 4.2658  
Iteration: 2507; Percent complete: 62.7%; Average loss: 4.1800  
Iteration: 2508; Percent complete: 62.7%; Average loss: 3.8077  
Iteration: 2509; Percent complete: 62.7%; Average loss: 4.1095  
Iteration: 2510; Percent complete: 62.7%; Average loss: 3.9083  
Iteration: 2511; Percent complete: 62.8%; Average loss: 3.5952  
Iteration: 2512; Percent complete: 62.8%; Average loss: 3.8129  
Iteration: 2513; Percent complete: 62.8%; Average loss: 4.1755  
Iteration: 2514; Percent complete: 62.8%; Average loss: 3.8581  
Iteration: 2515; Percent complete: 62.8%; Average loss: 3.6700

Iteration: 2515; Percent complete: 62.9%; Average loss: 3.6700  
Iteration: 2516; Percent complete: 62.9%; Average loss: 4.0354  
Iteration: 2517; Percent complete: 62.9%; Average loss: 3.8428  
Iteration: 2518; Percent complete: 62.9%; Average loss: 4.1823  
Iteration: 2519; Percent complete: 63.0%; Average loss: 4.1604  
Iteration: 2520; Percent complete: 63.0%; Average loss: 3.7806  
Iteration: 2521; Percent complete: 63.0%; Average loss: 3.7921  
Iteration: 2522; Percent complete: 63.0%; Average loss: 3.8553  
Iteration: 2523; Percent complete: 63.1%; Average loss: 3.6282  
Iteration: 2524; Percent complete: 63.1%; Average loss: 3.7200  
Iteration: 2525; Percent complete: 63.1%; Average loss: 3.8896  
Iteration: 2526; Percent complete: 63.1%; Average loss: 4.3217  
Iteration: 2527; Percent complete: 63.2%; Average loss: 4.1083  
Iteration: 2528; Percent complete: 63.2%; Average loss: 3.9289  
Iteration: 2529; Percent complete: 63.2%; Average loss: 3.6788  
Iteration: 2530; Percent complete: 63.2%; Average loss: 4.1487  
Iteration: 2531; Percent complete: 63.3%; Average loss: 3.9350  
Iteration: 2532; Percent complete: 63.3%; Average loss: 3.9377  
Iteration: 2533; Percent complete: 63.3%; Average loss: 3.8469  
Iteration: 2534; Percent complete: 63.3%; Average loss: 3.9349  
Iteration: 2535; Percent complete: 63.4%; Average loss: 3.9168  
Iteration: 2536; Percent complete: 63.4%; Average loss: 3.8716  
Iteration: 2537; Percent complete: 63.4%; Average loss: 4.0108  
Iteration: 2538; Percent complete: 63.4%; Average loss: 3.7473  
Iteration: 2539; Percent complete: 63.5%; Average loss: 3.7015  
Iteration: 2540; Percent complete: 63.5%; Average loss: 4.0320  
Iteration: 2541; Percent complete: 63.5%; Average loss: 3.6898  
Iteration: 2542; Percent complete: 63.5%; Average loss: 4.2518  
Iteration: 2543; Percent complete: 63.6%; Average loss: 4.1207  
Iteration: 2544; Percent complete: 63.6%; Average loss: 3.9356  
Iteration: 2545; Percent complete: 63.6%; Average loss: 4.4661  
Iteration: 2546; Percent complete: 63.6%; Average loss: 3.7862  
Iteration: 2547; Percent complete: 63.7%; Average loss: 3.6711  
Iteration: 2548; Percent complete: 63.7%; Average loss: 3.8013  
Iteration: 2549; Percent complete: 63.7%; Average loss: 4.3114  
Iteration: 2550; Percent complete: 63.7%; Average loss: 4.0891  
Iteration: 2551; Percent complete: 63.8%; Average loss: 4.0032  
Iteration: 2552; Percent complete: 63.8%; Average loss: 4.0265  
Iteration: 2553; Percent complete: 63.8%; Average loss: 4.2048  
Iteration: 2554; Percent complete: 63.8%; Average loss: 3.9323  
Iteration: 2555; Percent complete: 63.9%; Average loss: 3.6477  
Iteration: 2556; Percent complete: 63.9%; Average loss: 3.6167  
Iteration: 2557; Percent complete: 63.9%; Average loss: 4.1163  
Iteration: 2558; Percent complete: 63.9%; Average loss: 4.0549  
Iteration: 2559; Percent complete: 64.0%; Average loss: 4.0999  
Iteration: 2560; Percent complete: 64.0%; Average loss: 3.6522  
Iteration: 2561; Percent complete: 64.0%; Average loss: 3.8069  
Iteration: 2562; Percent complete: 64.0%; Average loss: 3.8846  
Iteration: 2563; Percent complete: 64.1%; Average loss: 3.6014  
Iteration: 2564; Percent complete: 64.1%; Average loss: 3.5211  
Iteration: 2565; Percent complete: 64.1%; Average loss: 3.8184  
Iteration: 2566; Percent complete: 64.1%; Average loss: 3.7457  
Iteration: 2567; Percent complete: 64.2%; Average loss: 3.9942  
Iteration: 2568; Percent complete: 64.2%; Average loss: 3.9653  
Iteration: 2569; Percent complete: 64.2%; Average loss: 4.1709  
Iteration: 2570; Percent complete: 64.2%; Average loss: 4.0955  
Iteration: 2571; Percent complete: 64.3%; Average loss: 3.9402  
Iteration: 2572; Percent complete: 64.3%; Average loss: 3.7550  
Iteration: 2573; Percent complete: 64.3%; Average loss: 4.3139  
Iteration: 2574; Percent complete: 64.3%; Average loss: 3.9229  
Iteration: 2575; Percent complete: 64.4%; Average loss: 4.1258  
Iteration: 2576; Percent complete: 64.4%; Average loss: 4.1359  
Iteration: 2577; Percent complete: 64.4%; Average loss: 3.7402  
Iteration: 2578; Percent complete: 64.5%; Average loss: 4.0170  
Iteration: 2579; Percent complete: 64.5%; Average loss: 4.0038  
Iteration: 2580; Percent complete: 64.5%; Average loss: 3.7907  
Iteration: 2581; Percent complete: 64.5%; Average loss: 3.8796  
Iteration: 2582; Percent complete: 64.5%; Average loss: 3.8793  
Iteration: 2583; Percent complete: 64.6%; Average loss: 4.0157  
Iteration: 2584; Percent complete: 64.6%; Average loss: 4.3103  
Iteration: 2585; Percent complete: 64.6%; Average loss: 3.7677  
Iteration: 2586; Percent complete: 64.6%; Average loss: 4.2747  
Iteration: 2587; Percent complete: 64.7%; Average loss: 4.1154  
Iteration: 2588; Percent complete: 64.7%; Average loss: 4.2011  
Iteration: 2589; Percent complete: 64.7%; Average loss: 4.2267  
Iteration: 2590; Percent complete: 64.8%; Average loss: 3.9276  
Iteration: 2591; Percent complete: 64.8%; Average loss: 3.6874  
Iteration: 2592; Percent complete: 64.8%; Average loss: 3.9013  
Iteration: 2593; Percent complete: 64.8%; Average loss: 3.8687  
Iteration: 2594; Percent complete: 64.8%; Average loss: 4.1786  
Iteration: 2595; Percent complete: 64.9%; Average loss: 4.1813  
Iteration: 2596; Percent complete: 64.9%; Average loss: 4.4106  
Iteration: 2597; Percent complete: 64.9%; Average loss: 3.9915  
Iteration: 2598; Percent complete: 65.0%; Average loss: 3.7166  
Iteration: 2599; Percent complete: 65.0%; Average loss: 3.9634  
Iteration: 2600; Percent complete: 65.0%; Average loss: 3.6738  
Iteration: 2601; Percent complete: 65.0%; Average loss: 3.9687  
Iteration: 2602; Percent complete: 65.0%; Average loss: 3.6960  
Iteration: 2603; Percent complete: 65.1%; Average loss: 4.2088  
Iteration: 2604; Percent complete: 65.1%; Average loss: 4.0808  
Iteration: 2605; Percent complete: 65.1%; Average loss: 3.8375  
Iteration: 2606; Percent complete: 65.1%; Average loss: 3.9677

Iteration: 2607; Percent complete: 65.2%; Average loss: 4.0319  
Iteration: 2608; Percent complete: 65.2%; Average loss: 4.2817  
Iteration: 2609; Percent complete: 65.2%; Average loss: 3.9101  
Iteration: 2610; Percent complete: 65.2%; Average loss: 3.8936  
Iteration: 2611; Percent complete: 65.3%; Average loss: 4.0384  
Iteration: 2612; Percent complete: 65.3%; Average loss: 3.9805  
Iteration: 2613; Percent complete: 65.3%; Average loss: 4.4698  
Iteration: 2614; Percent complete: 65.3%; Average loss: 3.7401  
Iteration: 2615; Percent complete: 65.4%; Average loss: 3.8201  
Iteration: 2616; Percent complete: 65.4%; Average loss: 4.0375  
Iteration: 2617; Percent complete: 65.4%; Average loss: 4.0441  
Iteration: 2618; Percent complete: 65.5%; Average loss: 3.7900  
Iteration: 2619; Percent complete: 65.5%; Average loss: 4.1315  
Iteration: 2620; Percent complete: 65.5%; Average loss: 3.9755  
Iteration: 2621; Percent complete: 65.5%; Average loss: 4.2298  
Iteration: 2622; Percent complete: 65.5%; Average loss: 4.0326  
Iteration: 2623; Percent complete: 65.6%; Average loss: 4.4243  
Iteration: 2624; Percent complete: 65.6%; Average loss: 4.3374  
Iteration: 2625; Percent complete: 65.6%; Average loss: 3.8936  
Iteration: 2626; Percent complete: 65.6%; Average loss: 4.1327  
Iteration: 2627; Percent complete: 65.7%; Average loss: 3.9453  
Iteration: 2628; Percent complete: 65.7%; Average loss: 3.9945  
Iteration: 2629; Percent complete: 65.7%; Average loss: 3.7670  
Iteration: 2630; Percent complete: 65.8%; Average loss: 4.2019  
Iteration: 2631; Percent complete: 65.8%; Average loss: 3.9502  
Iteration: 2632; Percent complete: 65.8%; Average loss: 3.7922  
Iteration: 2633; Percent complete: 65.8%; Average loss: 3.8050  
Iteration: 2634; Percent complete: 65.8%; Average loss: 4.1426  
Iteration: 2635; Percent complete: 65.9%; Average loss: 4.1059  
Iteration: 2636; Percent complete: 65.9%; Average loss: 3.5522  
Iteration: 2637; Percent complete: 65.9%; Average loss: 4.0583  
Iteration: 2638; Percent complete: 66.0%; Average loss: 3.9637  
Iteration: 2639; Percent complete: 66.0%; Average loss: 4.1290  
Iteration: 2640; Percent complete: 66.0%; Average loss: 3.8479  
Iteration: 2641; Percent complete: 66.0%; Average loss: 3.9308  
Iteration: 2642; Percent complete: 66.0%; Average loss: 4.0833  
Iteration: 2643; Percent complete: 66.1%; Average loss: 3.5980  
Iteration: 2644; Percent complete: 66.1%; Average loss: 4.1194  
Iteration: 2645; Percent complete: 66.1%; Average loss: 3.8971  
Iteration: 2646; Percent complete: 66.1%; Average loss: 4.0460  
Iteration: 2647; Percent complete: 66.2%; Average loss: 3.5756  
Iteration: 2648; Percent complete: 66.2%; Average loss: 4.0172  
Iteration: 2649; Percent complete: 66.2%; Average loss: 4.0997  
Iteration: 2650; Percent complete: 66.2%; Average loss: 3.7638  
Iteration: 2651; Percent complete: 66.3%; Average loss: 3.7483  
Iteration: 2652; Percent complete: 66.3%; Average loss: 4.1190  
Iteration: 2653; Percent complete: 66.3%; Average loss: 3.7835  
Iteration: 2654; Percent complete: 66.3%; Average loss: 3.9930  
Iteration: 2655; Percent complete: 66.4%; Average loss: 4.0133  
Iteration: 2656; Percent complete: 66.4%; Average loss: 3.8601  
Iteration: 2657; Percent complete: 66.4%; Average loss: 3.9777  
Iteration: 2658; Percent complete: 66.5%; Average loss: 3.6990  
Iteration: 2659; Percent complete: 66.5%; Average loss: 3.9037  
Iteration: 2660; Percent complete: 66.5%; Average loss: 3.9264  
Iteration: 2661; Percent complete: 66.5%; Average loss: 4.3681  
Iteration: 2662; Percent complete: 66.5%; Average loss: 4.3332  
Iteration: 2663; Percent complete: 66.6%; Average loss: 4.1115  
Iteration: 2664; Percent complete: 66.6%; Average loss: 3.7525  
Iteration: 2665; Percent complete: 66.6%; Average loss: 3.8882  
Iteration: 2666; Percent complete: 66.6%; Average loss: 3.9252  
Iteration: 2667; Percent complete: 66.7%; Average loss: 4.1975  
Iteration: 2668; Percent complete: 66.7%; Average loss: 4.0434  
Iteration: 2669; Percent complete: 66.7%; Average loss: 3.7564  
Iteration: 2670; Percent complete: 66.8%; Average loss: 3.7443  
Iteration: 2671; Percent complete: 66.8%; Average loss: 3.7120  
Iteration: 2672; Percent complete: 66.8%; Average loss: 3.9604  
Iteration: 2673; Percent complete: 66.8%; Average loss: 4.1694  
Iteration: 2674; Percent complete: 66.8%; Average loss: 4.2517  
Iteration: 2675; Percent complete: 66.9%; Average loss: 4.0389  
Iteration: 2676; Percent complete: 66.9%; Average loss: 3.7113  
Iteration: 2677; Percent complete: 66.9%; Average loss: 3.5373  
Iteration: 2678; Percent complete: 67.0%; Average loss: 3.9987  
Iteration: 2679; Percent complete: 67.0%; Average loss: 3.9770  
Iteration: 2680; Percent complete: 67.0%; Average loss: 3.7458  
Iteration: 2681; Percent complete: 67.0%; Average loss: 3.9337  
Iteration: 2682; Percent complete: 67.0%; Average loss: 3.8336  
Iteration: 2683; Percent complete: 67.1%; Average loss: 4.0808  
Iteration: 2684; Percent complete: 67.1%; Average loss: 4.3544  
Iteration: 2685; Percent complete: 67.1%; Average loss: 4.1955  
Iteration: 2686; Percent complete: 67.2%; Average loss: 3.8515  
Iteration: 2687; Percent complete: 67.2%; Average loss: 4.1556  
Iteration: 2688; Percent complete: 67.2%; Average loss: 4.0966  
Iteration: 2689; Percent complete: 67.2%; Average loss: 4.2177  
Iteration: 2690; Percent complete: 67.2%; Average loss: 4.1678  
Iteration: 2691; Percent complete: 67.3%; Average loss: 4.3692  
Iteration: 2692; Percent complete: 67.3%; Average loss: 4.2490  
Iteration: 2693; Percent complete: 67.3%; Average loss: 3.9945  
Iteration: 2694; Percent complete: 67.3%; Average loss: 3.8848  
Iteration: 2695; Percent complete: 67.4%; Average loss: 3.9476  
Iteration: 2696; Percent complete: 67.4%; Average loss: 3.9528  
Iteration: 2697; Percent complete: 67.4%; Average loss: 4.1091

Iteration: 2698; Percent complete: 67.5%; Average loss: 3.9183  
Iteration: 2699; Percent complete: 67.5%; Average loss: 3.8635  
Iteration: 2700; Percent complete: 67.5%; Average loss: 4.1563  
Iteration: 2701; Percent complete: 67.5%; Average loss: 3.6831  
Iteration: 2702; Percent complete: 67.5%; Average loss: 3.9512  
Iteration: 2703; Percent complete: 67.6%; Average loss: 3.7106  
Iteration: 2704; Percent complete: 67.6%; Average loss: 4.0821  
Iteration: 2705; Percent complete: 67.6%; Average loss: 3.7133  
Iteration: 2706; Percent complete: 67.7%; Average loss: 4.2277  
Iteration: 2707; Percent complete: 67.7%; Average loss: 4.4854  
Iteration: 2708; Percent complete: 67.7%; Average loss: 4.2338  
Iteration: 2709; Percent complete: 67.7%; Average loss: 3.8609  
Iteration: 2710; Percent complete: 67.8%; Average loss: 3.8840  
Iteration: 2711; Percent complete: 67.8%; Average loss: 4.0196  
Iteration: 2712; Percent complete: 67.8%; Average loss: 4.1413  
Iteration: 2713; Percent complete: 67.8%; Average loss: 3.8926  
Iteration: 2714; Percent complete: 67.8%; Average loss: 3.8870  
Iteration: 2715; Percent complete: 67.9%; Average loss: 3.7431  
Iteration: 2716; Percent complete: 67.9%; Average loss: 4.3425  
Iteration: 2717; Percent complete: 67.9%; Average loss: 3.9733  
Iteration: 2718; Percent complete: 68.0%; Average loss: 3.8828  
Iteration: 2719; Percent complete: 68.0%; Average loss: 3.8861  
Iteration: 2720; Percent complete: 68.0%; Average loss: 4.4159  
Iteration: 2721; Percent complete: 68.0%; Average loss: 3.5554  
Iteration: 2722; Percent complete: 68.0%; Average loss: 3.9752  
Iteration: 2723; Percent complete: 68.1%; Average loss: 4.0057  
Iteration: 2724; Percent complete: 68.1%; Average loss: 3.7361  
Iteration: 2725; Percent complete: 68.1%; Average loss: 4.1007  
Iteration: 2726; Percent complete: 68.2%; Average loss: 4.1693  
Iteration: 2727; Percent complete: 68.2%; Average loss: 3.7934  
Iteration: 2728; Percent complete: 68.2%; Average loss: 4.0180  
Iteration: 2729; Percent complete: 68.2%; Average loss: 4.1771  
Iteration: 2730; Percent complete: 68.2%; Average loss: 4.1307  
Iteration: 2731; Percent complete: 68.3%; Average loss: 3.9815  
Iteration: 2732; Percent complete: 68.3%; Average loss: 3.5612  
Iteration: 2733; Percent complete: 68.3%; Average loss: 3.7676  
Iteration: 2734; Percent complete: 68.3%; Average loss: 3.6256  
Iteration: 2735; Percent complete: 68.4%; Average loss: 3.9802  
Iteration: 2736; Percent complete: 68.4%; Average loss: 4.0581  
Iteration: 2737; Percent complete: 68.4%; Average loss: 3.9074  
Iteration: 2738; Percent complete: 68.5%; Average loss: 3.7713  
Iteration: 2739; Percent complete: 68.5%; Average loss: 4.0584  
Iteration: 2740; Percent complete: 68.5%; Average loss: 3.5327  
Iteration: 2741; Percent complete: 68.5%; Average loss: 3.9213  
Iteration: 2742; Percent complete: 68.5%; Average loss: 3.9713  
Iteration: 2743; Percent complete: 68.6%; Average loss: 3.9511  
Iteration: 2744; Percent complete: 68.6%; Average loss: 4.2066  
Iteration: 2745; Percent complete: 68.6%; Average loss: 4.0020  
Iteration: 2746; Percent complete: 68.7%; Average loss: 3.6693  
Iteration: 2747; Percent complete: 68.7%; Average loss: 4.3399  
Iteration: 2748; Percent complete: 68.7%; Average loss: 4.1237  
Iteration: 2749; Percent complete: 68.7%; Average loss: 4.0870  
Iteration: 2750; Percent complete: 68.8%; Average loss: 3.7056  
Iteration: 2751; Percent complete: 68.8%; Average loss: 3.8688  
Iteration: 2752; Percent complete: 68.8%; Average loss: 3.8676  
Iteration: 2753; Percent complete: 68.8%; Average loss: 3.5783  
Iteration: 2754; Percent complete: 68.8%; Average loss: 4.2230  
Iteration: 2755; Percent complete: 68.9%; Average loss: 3.6552  
Iteration: 2756; Percent complete: 68.9%; Average loss: 4.1720  
Iteration: 2757; Percent complete: 68.9%; Average loss: 4.3947  
Iteration: 2758; Percent complete: 69.0%; Average loss: 4.1563  
Iteration: 2759; Percent complete: 69.0%; Average loss: 3.9559  
Iteration: 2760; Percent complete: 69.0%; Average loss: 3.8200  
Iteration: 2761; Percent complete: 69.0%; Average loss: 3.9240  
Iteration: 2762; Percent complete: 69.0%; Average loss: 3.8008  
Iteration: 2763; Percent complete: 69.1%; Average loss: 4.0877  
Iteration: 2764; Percent complete: 69.1%; Average loss: 3.8216  
Iteration: 2765; Percent complete: 69.1%; Average loss: 4.3179  
Iteration: 2766; Percent complete: 69.2%; Average loss: 3.5910  
Iteration: 2767; Percent complete: 69.2%; Average loss: 4.1403  
Iteration: 2768; Percent complete: 69.2%; Average loss: 4.3097  
Iteration: 2769; Percent complete: 69.2%; Average loss: 4.2919  
Iteration: 2770; Percent complete: 69.2%; Average loss: 4.3082  
Iteration: 2771; Percent complete: 69.3%; Average loss: 3.7168  
Iteration: 2772; Percent complete: 69.3%; Average loss: 3.8507  
Iteration: 2773; Percent complete: 69.3%; Average loss: 4.1237  
Iteration: 2774; Percent complete: 69.3%; Average loss: 3.9600  
Iteration: 2775; Percent complete: 69.4%; Average loss: 4.2324  
Iteration: 2776; Percent complete: 69.4%; Average loss: 3.7988  
Iteration: 2777; Percent complete: 69.4%; Average loss: 4.1925  
Iteration: 2778; Percent complete: 69.5%; Average loss: 3.7738  
Iteration: 2779; Percent complete: 69.5%; Average loss: 4.0806  
Iteration: 2780; Percent complete: 69.5%; Average loss: 3.4981  
Iteration: 2781; Percent complete: 69.5%; Average loss: 4.3495  
Iteration: 2782; Percent complete: 69.5%; Average loss: 3.9000  
Iteration: 2783; Percent complete: 69.6%; Average loss: 3.6771  
Iteration: 2784; Percent complete: 69.6%; Average loss: 3.9494  
Iteration: 2785; Percent complete: 69.6%; Average loss: 3.9232  
Iteration: 2786; Percent complete: 69.7%; Average loss: 3.9722  
Iteration: 2787; Percent complete: 69.7%; Average loss: 4.4617  
Iteration: 2788; Percent complete: 69.7%; Average loss: 4.3182



Iteration: 2789; Percent complete: 69.7%; Average loss: 3.6132  
Iteration: 2790; Percent complete: 69.8%; Average loss: 3.4421  
Iteration: 2791; Percent complete: 69.8%; Average loss: 4.0517  
Iteration: 2792; Percent complete: 69.8%; Average loss: 3.9048  
Iteration: 2793; Percent complete: 69.8%; Average loss: 3.9945  
Iteration: 2794; Percent complete: 69.8%; Average loss: 3.7036  
Iteration: 2795; Percent complete: 69.9%; Average loss: 4.0319  
Iteration: 2796; Percent complete: 69.9%; Average loss: 4.2150  
Iteration: 2797; Percent complete: 69.9%; Average loss: 3.9691  
Iteration: 2798; Percent complete: 70.0%; Average loss: 4.0114  
Iteration: 2799; Percent complete: 70.0%; Average loss: 4.0875  
Iteration: 2800; Percent complete: 70.0%; Average loss: 3.5227  
Iteration: 2801; Percent complete: 70.0%; Average loss: 3.9651  
Iteration: 2802; Percent complete: 70.0%; Average loss: 4.1827  
Iteration: 2803; Percent complete: 70.1%; Average loss: 3.8476  
Iteration: 2804; Percent complete: 70.1%; Average loss: 3.7744  
Iteration: 2805; Percent complete: 70.1%; Average loss: 3.7716  
Iteration: 2806; Percent complete: 70.2%; Average loss: 3.5840  
Iteration: 2807; Percent complete: 70.2%; Average loss: 3.7511  
Iteration: 2808; Percent complete: 70.2%; Average loss: 3.9655  
Iteration: 2809; Percent complete: 70.2%; Average loss: 3.7309  
Iteration: 2810; Percent complete: 70.2%; Average loss: 3.9992  
Iteration: 2811; Percent complete: 70.3%; Average loss: 3.9187  
Iteration: 2812; Percent complete: 70.3%; Average loss: 3.8777  
Iteration: 2813; Percent complete: 70.3%; Average loss: 3.6943  
Iteration: 2814; Percent complete: 70.3%; Average loss: 4.0281  
Iteration: 2815; Percent complete: 70.4%; Average loss: 3.9151  
Iteration: 2816; Percent complete: 70.4%; Average loss: 3.7173  
Iteration: 2817; Percent complete: 70.4%; Average loss: 4.0060  
Iteration: 2818; Percent complete: 70.5%; Average loss: 4.2612  
Iteration: 2819; Percent complete: 70.5%; Average loss: 3.9255  
Iteration: 2820; Percent complete: 70.5%; Average loss: 3.7111  
Iteration: 2821; Percent complete: 70.5%; Average loss: 3.7393  
Iteration: 2822; Percent complete: 70.5%; Average loss: 3.8460  
Iteration: 2823; Percent complete: 70.6%; Average loss: 3.8142  
Iteration: 2824; Percent complete: 70.6%; Average loss: 3.9701  
Iteration: 2825; Percent complete: 70.6%; Average loss: 4.0214  
Iteration: 2826; Percent complete: 70.7%; Average loss: 4.0894  
Iteration: 2827; Percent complete: 70.7%; Average loss: 4.4769  
Iteration: 2828; Percent complete: 70.7%; Average loss: 4.1101  
Iteration: 2829; Percent complete: 70.7%; Average loss: 3.7376  
Iteration: 2830; Percent complete: 70.8%; Average loss: 3.5282  
Iteration: 2831; Percent complete: 70.8%; Average loss: 3.9683  
Iteration: 2832; Percent complete: 70.8%; Average loss: 3.6236  
Iteration: 2833; Percent complete: 70.8%; Average loss: 4.3923  
Iteration: 2834; Percent complete: 70.9%; Average loss: 3.7367  
Iteration: 2835; Percent complete: 70.9%; Average loss: 3.9124  
Iteration: 2836; Percent complete: 70.9%; Average loss: 3.9240  
Iteration: 2837; Percent complete: 70.9%; Average loss: 3.5680  
Iteration: 2838; Percent complete: 71.0%; Average loss: 3.9394  
Iteration: 2839; Percent complete: 71.0%; Average loss: 3.7898  
Iteration: 2840; Percent complete: 71.0%; Average loss: 4.1930  
Iteration: 2841; Percent complete: 71.0%; Average loss: 4.1172  
Iteration: 2842; Percent complete: 71.0%; Average loss: 3.5246  
Iteration: 2843; Percent complete: 71.1%; Average loss: 3.6347  
Iteration: 2844; Percent complete: 71.1%; Average loss: 4.2069  
Iteration: 2845; Percent complete: 71.1%; Average loss: 4.1214  
Iteration: 2846; Percent complete: 71.2%; Average loss: 3.8457  
Iteration: 2847; Percent complete: 71.2%; Average loss: 4.5020  
Iteration: 2848; Percent complete: 71.2%; Average loss: 4.1720  
Iteration: 2849; Percent complete: 71.2%; Average loss: 4.5170  
Iteration: 2850; Percent complete: 71.2%; Average loss: 4.1960  
Iteration: 2851; Percent complete: 71.3%; Average loss: 4.1255  
Iteration: 2852; Percent complete: 71.3%; Average loss: 3.9809  
Iteration: 2853; Percent complete: 71.3%; Average loss: 4.0465  
Iteration: 2854; Percent complete: 71.4%; Average loss: 3.8451  
Iteration: 2855; Percent complete: 71.4%; Average loss: 3.8211  
Iteration: 2856; Percent complete: 71.4%; Average loss: 4.0614  
Iteration: 2857; Percent complete: 71.4%; Average loss: 3.8754  
Iteration: 2858; Percent complete: 71.5%; Average loss: 3.6835  
Iteration: 2859; Percent complete: 71.5%; Average loss: 4.0001  
Iteration: 2860; Percent complete: 71.5%; Average loss: 3.8878  
Iteration: 2861; Percent complete: 71.5%; Average loss: 4.3890  
Iteration: 2862; Percent complete: 71.5%; Average loss: 3.8229  
Iteration: 2863; Percent complete: 71.6%; Average loss: 3.8147  
Iteration: 2864; Percent complete: 71.6%; Average loss: 4.0835  
Iteration: 2865; Percent complete: 71.6%; Average loss: 4.4711  
Iteration: 2866; Percent complete: 71.7%; Average loss: 4.1133  
Iteration: 2867; Percent complete: 71.7%; Average loss: 4.0548  
Iteration: 2868; Percent complete: 71.7%; Average loss: 3.9253  
Iteration: 2869; Percent complete: 71.7%; Average loss: 3.7558  
Iteration: 2870; Percent complete: 71.8%; Average loss: 3.8646  
Iteration: 2871; Percent complete: 71.8%; Average loss: 4.2767  
Iteration: 2872; Percent complete: 71.8%; Average loss: 4.0095  
Iteration: 2873; Percent complete: 71.8%; Average loss: 3.9978  
Iteration: 2874; Percent complete: 71.9%; Average loss: 3.8772  
Iteration: 2875; Percent complete: 71.9%; Average loss: 4.1639  
Iteration: 2876; Percent complete: 71.9%; Average loss: 3.9620  
Iteration: 2877; Percent complete: 71.9%; Average loss: 4.1126  
Iteration: 2878; Percent complete: 72.0%; Average loss: 4.0078  
Iteration: 2879; Percent complete: 72.0%; Average loss: 4.4405  
Iteration: 2880; Percent complete: 72.0%; Average loss: 4.0000

Iteration: 2880; Percent complete: 72.0%; Average loss: 4.0909  
Iteration: 2881; Percent complete: 72.0%; Average loss: 3.9831  
Iteration: 2882; Percent complete: 72.0%; Average loss: 4.1810  
Iteration: 2883; Percent complete: 72.1%; Average loss: 4.0779  
Iteration: 2884; Percent complete: 72.1%; Average loss: 3.7078  
Iteration: 2885; Percent complete: 72.1%; Average loss: 4.2603  
Iteration: 2886; Percent complete: 72.2%; Average loss: 4.4678  
Iteration: 2887; Percent complete: 72.2%; Average loss: 3.7379  
Iteration: 2888; Percent complete: 72.2%; Average loss: 3.7361  
Iteration: 2889; Percent complete: 72.2%; Average loss: 4.1554  
Iteration: 2890; Percent complete: 72.2%; Average loss: 3.9779  
Iteration: 2891; Percent complete: 72.3%; Average loss: 4.4722  
Iteration: 2892; Percent complete: 72.3%; Average loss: 4.0740  
Iteration: 2893; Percent complete: 72.3%; Average loss: 3.9014  
Iteration: 2894; Percent complete: 72.4%; Average loss: 4.0639  
Iteration: 2895; Percent complete: 72.4%; Average loss: 3.7293  
Iteration: 2896; Percent complete: 72.4%; Average loss: 4.2686  
Iteration: 2897; Percent complete: 72.4%; Average loss: 3.7494  
Iteration: 2898; Percent complete: 72.5%; Average loss: 3.7107  
Iteration: 2899; Percent complete: 72.5%; Average loss: 4.0841  
Iteration: 2900; Percent complete: 72.5%; Average loss: 4.0608  
Iteration: 2901; Percent complete: 72.5%; Average loss: 3.6097  
Iteration: 2902; Percent complete: 72.5%; Average loss: 3.6686  
Iteration: 2903; Percent complete: 72.6%; Average loss: 3.6548  
Iteration: 2904; Percent complete: 72.6%; Average loss: 3.8981  
Iteration: 2905; Percent complete: 72.6%; Average loss: 4.1016  
Iteration: 2906; Percent complete: 72.7%; Average loss: 4.0709  
Iteration: 2907; Percent complete: 72.7%; Average loss: 4.0717  
Iteration: 2908; Percent complete: 72.7%; Average loss: 4.4088  
Iteration: 2909; Percent complete: 72.7%; Average loss: 4.1863  
Iteration: 2910; Percent complete: 72.8%; Average loss: 4.1608  
Iteration: 2911; Percent complete: 72.8%; Average loss: 3.9497  
Iteration: 2912; Percent complete: 72.8%; Average loss: 4.1766  
Iteration: 2913; Percent complete: 72.8%; Average loss: 4.5290  
Iteration: 2914; Percent complete: 72.9%; Average loss: 3.7981  
Iteration: 2915; Percent complete: 72.9%; Average loss: 3.8701  
Iteration: 2916; Percent complete: 72.9%; Average loss: 4.0903  
Iteration: 2917; Percent complete: 72.9%; Average loss: 3.9554  
Iteration: 2918; Percent complete: 73.0%; Average loss: 4.1486  
Iteration: 2919; Percent complete: 73.0%; Average loss: 4.0911  
Iteration: 2920; Percent complete: 73.0%; Average loss: 3.9442  
Iteration: 2921; Percent complete: 73.0%; Average loss: 3.7660  
Iteration: 2922; Percent complete: 73.0%; Average loss: 4.1870  
Iteration: 2923; Percent complete: 73.1%; Average loss: 3.7709  
Iteration: 2924; Percent complete: 73.1%; Average loss: 4.1150  
Iteration: 2925; Percent complete: 73.1%; Average loss: 3.8514  
Iteration: 2926; Percent complete: 73.2%; Average loss: 3.7552  
Iteration: 2927; Percent complete: 73.2%; Average loss: 3.7723  
Iteration: 2928; Percent complete: 73.2%; Average loss: 4.1492  
Iteration: 2929; Percent complete: 73.2%; Average loss: 3.8877  
Iteration: 2930; Percent complete: 73.2%; Average loss: 4.3851  
Iteration: 2931; Percent complete: 73.3%; Average loss: 3.8748  
Iteration: 2932; Percent complete: 73.3%; Average loss: 4.2714  
Iteration: 2933; Percent complete: 73.3%; Average loss: 3.8394  
Iteration: 2934; Percent complete: 73.4%; Average loss: 3.9126  
Iteration: 2935; Percent complete: 73.4%; Average loss: 4.1811  
Iteration: 2936; Percent complete: 73.4%; Average loss: 3.7728  
Iteration: 2937; Percent complete: 73.4%; Average loss: 3.9535  
Iteration: 2938; Percent complete: 73.5%; Average loss: 3.8536  
Iteration: 2939; Percent complete: 73.5%; Average loss: 4.2105  
Iteration: 2940; Percent complete: 73.5%; Average loss: 4.0260  
Iteration: 2941; Percent complete: 73.5%; Average loss: 4.0785  
Iteration: 2942; Percent complete: 73.6%; Average loss: 3.9285  
Iteration: 2943; Percent complete: 73.6%; Average loss: 4.0146  
Iteration: 2944; Percent complete: 73.6%; Average loss: 4.1484  
Iteration: 2945; Percent complete: 73.6%; Average loss: 4.5385  
Iteration: 2946; Percent complete: 73.7%; Average loss: 3.7948  
Iteration: 2947; Percent complete: 73.7%; Average loss: 4.4383  
Iteration: 2948; Percent complete: 73.7%; Average loss: 3.8864  
Iteration: 2949; Percent complete: 73.7%; Average loss: 3.7588  
Iteration: 2950; Percent complete: 73.8%; Average loss: 3.8123  
Iteration: 2951; Percent complete: 73.8%; Average loss: 3.8738  
Iteration: 2952; Percent complete: 73.8%; Average loss: 3.9847  
Iteration: 2953; Percent complete: 73.8%; Average loss: 3.9401  
Iteration: 2954; Percent complete: 73.9%; Average loss: 3.8624  
Iteration: 2955; Percent complete: 73.9%; Average loss: 4.0638  
Iteration: 2956; Percent complete: 73.9%; Average loss: 4.2142  
Iteration: 2957; Percent complete: 73.9%; Average loss: 3.7757  
Iteration: 2958; Percent complete: 74.0%; Average loss: 3.8279  
Iteration: 2959; Percent complete: 74.0%; Average loss: 4.2081  
Iteration: 2960; Percent complete: 74.0%; Average loss: 4.0459  
Iteration: 2961; Percent complete: 74.0%; Average loss: 4.2051  
Iteration: 2962; Percent complete: 74.1%; Average loss: 4.1119  
Iteration: 2963; Percent complete: 74.1%; Average loss: 4.2304  
Iteration: 2964; Percent complete: 74.1%; Average loss: 4.1304  
Iteration: 2965; Percent complete: 74.1%; Average loss: 3.6773  
Iteration: 2966; Percent complete: 74.2%; Average loss: 4.1760  
Iteration: 2967; Percent complete: 74.2%; Average loss: 4.0806  
Iteration: 2968; Percent complete: 74.2%; Average loss: 4.4536  
Iteration: 2969; Percent complete: 74.2%; Average loss: 3.9339  
Iteration: 2970; Percent complete: 74.2%; Average loss: 4.0124  
Iteration: 2971; Percent complete: 74.3%; Average loss: 4.4337

Iteration: 2972; Percent complete: 74.3%; Average loss: 4.2458  
Iteration: 2973; Percent complete: 74.3%; Average loss: 4.1460  
Iteration: 2974; Percent complete: 74.4%; Average loss: 4.0107  
Iteration: 2975; Percent complete: 74.4%; Average loss: 3.9125  
Iteration: 2976; Percent complete: 74.4%; Average loss: 4.5636  
Iteration: 2977; Percent complete: 74.4%; Average loss: 3.6664  
Iteration: 2978; Percent complete: 74.5%; Average loss: 4.1911  
Iteration: 2979; Percent complete: 74.5%; Average loss: 3.9483  
Iteration: 2980; Percent complete: 74.5%; Average loss: 4.0455  
Iteration: 2981; Percent complete: 74.5%; Average loss: 4.0586  
Iteration: 2982; Percent complete: 74.6%; Average loss: 3.6993  
Iteration: 2983; Percent complete: 74.6%; Average loss: 4.2847  
Iteration: 2984; Percent complete: 74.6%; Average loss: 3.9117  
Iteration: 2985; Percent complete: 74.6%; Average loss: 3.8109  
Iteration: 2986; Percent complete: 74.7%; Average loss: 3.8453  
Iteration: 2987; Percent complete: 74.7%; Average loss: 4.1708  
Iteration: 2988; Percent complete: 74.7%; Average loss: 4.2269  
Iteration: 2989; Percent complete: 74.7%; Average loss: 3.7149  
Iteration: 2990; Percent complete: 74.8%; Average loss: 3.9941  
Iteration: 2991; Percent complete: 74.8%; Average loss: 3.8461  
Iteration: 2992; Percent complete: 74.8%; Average loss: 3.9274  
Iteration: 2993; Percent complete: 74.8%; Average loss: 4.0948  
Iteration: 2994; Percent complete: 74.9%; Average loss: 4.0353  
Iteration: 2995; Percent complete: 74.9%; Average loss: 4.5342  
Iteration: 2996; Percent complete: 74.9%; Average loss: 3.6283  
Iteration: 2997; Percent complete: 74.9%; Average loss: 4.0741  
Iteration: 2998; Percent complete: 75.0%; Average loss: 4.1393  
Iteration: 2999; Percent complete: 75.0%; Average loss: 3.8715  
Iteration: 3000; Percent complete: 75.0%; Average loss: 4.2466  
Iteration: 3001; Percent complete: 75.0%; Average loss: 3.8468  
Iteration: 3002; Percent complete: 75.0%; Average loss: 4.4773  
Iteration: 3003; Percent complete: 75.1%; Average loss: 3.9020  
Iteration: 3004; Percent complete: 75.1%; Average loss: 4.4627  
Iteration: 3005; Percent complete: 75.1%; Average loss: 3.9093  
Iteration: 3006; Percent complete: 75.1%; Average loss: 3.6872  
Iteration: 3007; Percent complete: 75.2%; Average loss: 4.2963  
Iteration: 3008; Percent complete: 75.2%; Average loss: 4.2442  
Iteration: 3009; Percent complete: 75.2%; Average loss: 4.0830  
Iteration: 3010; Percent complete: 75.2%; Average loss: 4.2700  
Iteration: 3011; Percent complete: 75.3%; Average loss: 3.9187  
Iteration: 3012; Percent complete: 75.3%; Average loss: 3.9449  
Iteration: 3013; Percent complete: 75.3%; Average loss: 4.0644  
Iteration: 3014; Percent complete: 75.3%; Average loss: 3.9575  
Iteration: 3015; Percent complete: 75.4%; Average loss: 3.8685  
Iteration: 3016; Percent complete: 75.4%; Average loss: 3.8662  
Iteration: 3017; Percent complete: 75.4%; Average loss: 3.9031  
Iteration: 3018; Percent complete: 75.4%; Average loss: 4.1163  
Iteration: 3019; Percent complete: 75.5%; Average loss: 3.9525  
Iteration: 3020; Percent complete: 75.5%; Average loss: 4.1209  
Iteration: 3021; Percent complete: 75.5%; Average loss: 4.5961  
Iteration: 3022; Percent complete: 75.5%; Average loss: 4.1724  
Iteration: 3023; Percent complete: 75.6%; Average loss: 3.5782  
Iteration: 3024; Percent complete: 75.6%; Average loss: 3.9795  
Iteration: 3025; Percent complete: 75.6%; Average loss: 3.9450  
Iteration: 3026; Percent complete: 75.6%; Average loss: 3.9639  
Iteration: 3027; Percent complete: 75.7%; Average loss: 4.4954  
Iteration: 3028; Percent complete: 75.7%; Average loss: 4.0157  
Iteration: 3029; Percent complete: 75.7%; Average loss: 4.0150  
Iteration: 3030; Percent complete: 75.8%; Average loss: 4.0051  
Iteration: 3031; Percent complete: 75.8%; Average loss: 4.1396  
Iteration: 3032; Percent complete: 75.8%; Average loss: 3.8320  
Iteration: 3033; Percent complete: 75.8%; Average loss: 4.1674  
Iteration: 3034; Percent complete: 75.8%; Average loss: 3.8658  
Iteration: 3035; Percent complete: 75.9%; Average loss: 4.0238  
Iteration: 3036; Percent complete: 75.9%; Average loss: 4.0878  
Iteration: 3037; Percent complete: 75.9%; Average loss: 3.8558  
Iteration: 3038; Percent complete: 75.9%; Average loss: 3.7394  
Iteration: 3039; Percent complete: 76.0%; Average loss: 3.6503  
Iteration: 3040; Percent complete: 76.0%; Average loss: 3.8859  
Iteration: 3041; Percent complete: 76.0%; Average loss: 3.9268  
Iteration: 3042; Percent complete: 76.0%; Average loss: 3.9922  
Iteration: 3043; Percent complete: 76.1%; Average loss: 3.9218  
Iteration: 3044; Percent complete: 76.1%; Average loss: 3.9286  
Iteration: 3045; Percent complete: 76.1%; Average loss: 4.2358  
Iteration: 3046; Percent complete: 76.1%; Average loss: 3.7147  
Iteration: 3047; Percent complete: 76.2%; Average loss: 3.6858  
Iteration: 3048; Percent complete: 76.2%; Average loss: 4.1719  
Iteration: 3049; Percent complete: 76.2%; Average loss: 3.9911  
Iteration: 3050; Percent complete: 76.2%; Average loss: 4.2383  
Iteration: 3051; Percent complete: 76.3%; Average loss: 4.1352  
Iteration: 3052; Percent complete: 76.3%; Average loss: 4.1392  
Iteration: 3053; Percent complete: 76.3%; Average loss: 3.8772  
Iteration: 3054; Percent complete: 76.3%; Average loss: 4.3557  
Iteration: 3055; Percent complete: 76.4%; Average loss: 3.9520  
Iteration: 3056; Percent complete: 76.4%; Average loss: 4.1294  
Iteration: 3057; Percent complete: 76.4%; Average loss: 4.1794  
Iteration: 3058; Percent complete: 76.4%; Average loss: 3.9533  
Iteration: 3059; Percent complete: 76.5%; Average loss: 3.8570  
Iteration: 3060; Percent complete: 76.5%; Average loss: 4.2360  
Iteration: 3061; Percent complete: 76.5%; Average loss: 4.1318  
Iteration: 3062; Percent complete: 76.5%; Average loss: 3.6653

Iteration: 3063; Percent complete: 76.6%; Average loss: 3.6577  
Iteration: 3064; Percent complete: 76.6%; Average loss: 3.8292  
Iteration: 3065; Percent complete: 76.6%; Average loss: 3.8517  
Iteration: 3066; Percent complete: 76.6%; Average loss: 4.1552  
Iteration: 3067; Percent complete: 76.7%; Average loss: 3.9517  
Iteration: 3068; Percent complete: 76.7%; Average loss: 3.8538  
Iteration: 3069; Percent complete: 76.7%; Average loss: 3.8487  
Iteration: 3070; Percent complete: 76.8%; Average loss: 3.9300  
Iteration: 3071; Percent complete: 76.8%; Average loss: 3.9352  
Iteration: 3072; Percent complete: 76.8%; Average loss: 4.0147  
Iteration: 3073; Percent complete: 76.8%; Average loss: 4.2330  
Iteration: 3074; Percent complete: 76.8%; Average loss: 3.8949  
Iteration: 3075; Percent complete: 76.9%; Average loss: 3.9711  
Iteration: 3076; Percent complete: 76.9%; Average loss: 3.9627  
Iteration: 3077; Percent complete: 76.9%; Average loss: 4.3247  
Iteration: 3078; Percent complete: 77.0%; Average loss: 3.7694  
Iteration: 3079; Percent complete: 77.0%; Average loss: 4.1422  
Iteration: 3080; Percent complete: 77.0%; Average loss: 3.8038  
Iteration: 3081; Percent complete: 77.0%; Average loss: 3.7159  
Iteration: 3082; Percent complete: 77.0%; Average loss: 3.6764  
Iteration: 3083; Percent complete: 77.1%; Average loss: 3.9346  
Iteration: 3084; Percent complete: 77.1%; Average loss: 3.8139  
Iteration: 3085; Percent complete: 77.1%; Average loss: 3.7962  
Iteration: 3086; Percent complete: 77.1%; Average loss: 4.4142  
Iteration: 3087; Percent complete: 77.2%; Average loss: 4.2625  
Iteration: 3088; Percent complete: 77.2%; Average loss: 4.0942  
Iteration: 3089; Percent complete: 77.2%; Average loss: 3.8677  
Iteration: 3090; Percent complete: 77.2%; Average loss: 4.0481  
Iteration: 3091; Percent complete: 77.3%; Average loss: 3.5613  
Iteration: 3092; Percent complete: 77.3%; Average loss: 3.6519  
Iteration: 3093; Percent complete: 77.3%; Average loss: 3.9734  
Iteration: 3094; Percent complete: 77.3%; Average loss: 3.8637  
Iteration: 3095; Percent complete: 77.4%; Average loss: 4.2928  
Iteration: 3096; Percent complete: 77.4%; Average loss: 3.7854  
Iteration: 3097; Percent complete: 77.4%; Average loss: 4.1650  
Iteration: 3098; Percent complete: 77.5%; Average loss: 4.1519  
Iteration: 3099; Percent complete: 77.5%; Average loss: 3.4457  
Iteration: 3100; Percent complete: 77.5%; Average loss: 4.0537  
Iteration: 3101; Percent complete: 77.5%; Average loss: 4.0055  
Iteration: 3102; Percent complete: 77.5%; Average loss: 4.0964  
Iteration: 3103; Percent complete: 77.6%; Average loss: 4.0526  
Iteration: 3104; Percent complete: 77.6%; Average loss: 3.9081  
Iteration: 3105; Percent complete: 77.6%; Average loss: 4.1226  
Iteration: 3106; Percent complete: 77.6%; Average loss: 4.0922  
Iteration: 3107; Percent complete: 77.7%; Average loss: 3.9358  
Iteration: 3108; Percent complete: 77.7%; Average loss: 4.3600  
Iteration: 3109; Percent complete: 77.7%; Average loss: 4.0148  
Iteration: 3110; Percent complete: 77.8%; Average loss: 3.8173  
Iteration: 3111; Percent complete: 77.8%; Average loss: 3.9954  
Iteration: 3112; Percent complete: 77.8%; Average loss: 3.6379  
Iteration: 3113; Percent complete: 77.8%; Average loss: 4.0178  
Iteration: 3114; Percent complete: 77.8%; Average loss: 3.8023  
Iteration: 3115; Percent complete: 77.9%; Average loss: 3.9019  
Iteration: 3116; Percent complete: 77.9%; Average loss: 4.1513  
Iteration: 3117; Percent complete: 77.9%; Average loss: 4.0448  
Iteration: 3118; Percent complete: 78.0%; Average loss: 3.9647  
Iteration: 3119; Percent complete: 78.0%; Average loss: 3.9779  
Iteration: 3120; Percent complete: 78.0%; Average loss: 3.8871  
Iteration: 3121; Percent complete: 78.0%; Average loss: 4.3595  
Iteration: 3122; Percent complete: 78.0%; Average loss: 3.9354  
Iteration: 3123; Percent complete: 78.1%; Average loss: 3.9525  
Iteration: 3124; Percent complete: 78.1%; Average loss: 3.7995  
Iteration: 3125; Percent complete: 78.1%; Average loss: 4.1540  
Iteration: 3126; Percent complete: 78.1%; Average loss: 3.8819  
Iteration: 3127; Percent complete: 78.2%; Average loss: 3.5873  
Iteration: 3128; Percent complete: 78.2%; Average loss: 3.8941  
Iteration: 3129; Percent complete: 78.2%; Average loss: 3.9446  
Iteration: 3130; Percent complete: 78.2%; Average loss: 3.8723  
Iteration: 3131; Percent complete: 78.3%; Average loss: 4.2083  
Iteration: 3132; Percent complete: 78.3%; Average loss: 4.2445  
Iteration: 3133; Percent complete: 78.3%; Average loss: 3.9191  
Iteration: 3134; Percent complete: 78.3%; Average loss: 3.9310  
Iteration: 3135; Percent complete: 78.4%; Average loss: 4.4138  
Iteration: 3136; Percent complete: 78.4%; Average loss: 4.0411  
Iteration: 3137; Percent complete: 78.4%; Average loss: 3.9194  
Iteration: 3138; Percent complete: 78.5%; Average loss: 4.0684  
Iteration: 3139; Percent complete: 78.5%; Average loss: 4.2877  
Iteration: 3140; Percent complete: 78.5%; Average loss: 4.1441  
Iteration: 3141; Percent complete: 78.5%; Average loss: 4.0014  
Iteration: 3142; Percent complete: 78.5%; Average loss: 4.0119  
Iteration: 3143; Percent complete: 78.6%; Average loss: 3.7052  
Iteration: 3144; Percent complete: 78.6%; Average loss: 3.6914  
Iteration: 3145; Percent complete: 78.6%; Average loss: 3.8840  
Iteration: 3146; Percent complete: 78.6%; Average loss: 4.0502  
Iteration: 3147; Percent complete: 78.7%; Average loss: 4.1018  
Iteration: 3148; Percent complete: 78.7%; Average loss: 3.9148  
Iteration: 3149; Percent complete: 78.7%; Average loss: 4.1649  
Iteration: 3150; Percent complete: 78.8%; Average loss: 3.9475  
Iteration: 3151; Percent complete: 78.8%; Average loss: 3.7469  
Iteration: 3152; Percent complete: 78.8%; Average loss: 3.8488  
Iteration: 3153; Percent complete: 78.8%; Average loss: 4.1810

Iteration: 3154; Percent complete: 78.8%; Average loss: 4.0949  
Iteration: 3155; Percent complete: 78.9%; Average loss: 4.0270  
Iteration: 3156; Percent complete: 78.9%; Average loss: 3.8517  
Iteration: 3157; Percent complete: 78.9%; Average loss: 4.3977  
Iteration: 3158; Percent complete: 79.0%; Average loss: 3.8947  
Iteration: 3159; Percent complete: 79.0%; Average loss: 3.9534  
Iteration: 3160; Percent complete: 79.0%; Average loss: 4.1944  
Iteration: 3161; Percent complete: 79.0%; Average loss: 4.6648  
Iteration: 3162; Percent complete: 79.0%; Average loss: 3.8155  
Iteration: 3163; Percent complete: 79.1%; Average loss: 4.0242  
Iteration: 3164; Percent complete: 79.1%; Average loss: 4.0357  
Iteration: 3165; Percent complete: 79.1%; Average loss: 4.0366  
Iteration: 3166; Percent complete: 79.1%; Average loss: 3.7778  
Iteration: 3167; Percent complete: 79.2%; Average loss: 3.6144  
Iteration: 3168; Percent complete: 79.2%; Average loss: 4.1120  
Iteration: 3169; Percent complete: 79.2%; Average loss: 3.5030  
Iteration: 3170; Percent complete: 79.2%; Average loss: 3.7971  
Iteration: 3171; Percent complete: 79.3%; Average loss: 3.7518  
Iteration: 3172; Percent complete: 79.3%; Average loss: 3.9322  
Iteration: 3173; Percent complete: 79.3%; Average loss: 4.2338  
Iteration: 3174; Percent complete: 79.3%; Average loss: 4.2206  
Iteration: 3175; Percent complete: 79.4%; Average loss: 3.8549  
Iteration: 3176; Percent complete: 79.4%; Average loss: 4.3166  
Iteration: 3177; Percent complete: 79.4%; Average loss: 4.1712  
Iteration: 3178; Percent complete: 79.5%; Average loss: 4.0533  
Iteration: 3179; Percent complete: 79.5%; Average loss: 3.8238  
Iteration: 3180; Percent complete: 79.5%; Average loss: 4.0944  
Iteration: 3181; Percent complete: 79.5%; Average loss: 3.7750  
Iteration: 3182; Percent complete: 79.5%; Average loss: 3.9234  
Iteration: 3183; Percent complete: 79.6%; Average loss: 3.8268  
Iteration: 3184; Percent complete: 79.6%; Average loss: 4.1080  
Iteration: 3185; Percent complete: 79.6%; Average loss: 3.7917  
Iteration: 3186; Percent complete: 79.7%; Average loss: 4.2059  
Iteration: 3187; Percent complete: 79.7%; Average loss: 3.9066  
Iteration: 3188; Percent complete: 79.7%; Average loss: 3.9252  
Iteration: 3189; Percent complete: 79.7%; Average loss: 3.9875  
Iteration: 3190; Percent complete: 79.8%; Average loss: 4.2342  
Iteration: 3191; Percent complete: 79.8%; Average loss: 3.9186  
Iteration: 3192; Percent complete: 79.8%; Average loss: 3.8173  
Iteration: 3193; Percent complete: 79.8%; Average loss: 3.9910  
Iteration: 3194; Percent complete: 79.8%; Average loss: 4.2155  
Iteration: 3195; Percent complete: 79.9%; Average loss: 4.4664  
Iteration: 3196; Percent complete: 79.9%; Average loss: 4.0630  
Iteration: 3197; Percent complete: 79.9%; Average loss: 4.0152  
Iteration: 3198; Percent complete: 80.0%; Average loss: 3.9519  
Iteration: 3199; Percent complete: 80.0%; Average loss: 3.8638  
Iteration: 3200; Percent complete: 80.0%; Average loss: 4.2960  
Iteration: 3201; Percent complete: 80.0%; Average loss: 4.0282  
Iteration: 3202; Percent complete: 80.0%; Average loss: 4.0319  
Iteration: 3203; Percent complete: 80.1%; Average loss: 3.9972  
Iteration: 3204; Percent complete: 80.1%; Average loss: 3.9393  
Iteration: 3205; Percent complete: 80.1%; Average loss: 3.8962  
Iteration: 3206; Percent complete: 80.2%; Average loss: 3.5127  
Iteration: 3207; Percent complete: 80.2%; Average loss: 4.0637  
Iteration: 3208; Percent complete: 80.2%; Average loss: 4.0481  
Iteration: 3209; Percent complete: 80.2%; Average loss: 3.9662  
Iteration: 3210; Percent complete: 80.2%; Average loss: 4.1645  
Iteration: 3211; Percent complete: 80.3%; Average loss: 4.3281  
Iteration: 3212; Percent complete: 80.3%; Average loss: 3.6846  
Iteration: 3213; Percent complete: 80.3%; Average loss: 4.1536  
Iteration: 3214; Percent complete: 80.3%; Average loss: 3.9634  
Iteration: 3215; Percent complete: 80.4%; Average loss: 3.9301  
Iteration: 3216; Percent complete: 80.4%; Average loss: 4.2186  
Iteration: 3217; Percent complete: 80.4%; Average loss: 3.8578  
Iteration: 3218; Percent complete: 80.5%; Average loss: 4.0854  
Iteration: 3219; Percent complete: 80.5%; Average loss: 3.8874  
Iteration: 3220; Percent complete: 80.5%; Average loss: 4.4564  
Iteration: 3221; Percent complete: 80.5%; Average loss: 3.8648  
Iteration: 3222; Percent complete: 80.5%; Average loss: 4.3430  
Iteration: 3223; Percent complete: 80.6%; Average loss: 4.1372  
Iteration: 3224; Percent complete: 80.6%; Average loss: 3.7046  
Iteration: 3225; Percent complete: 80.6%; Average loss: 4.0429  
Iteration: 3226; Percent complete: 80.7%; Average loss: 3.5954  
Iteration: 3227; Percent complete: 80.7%; Average loss: 4.3851  
Iteration: 3228; Percent complete: 80.7%; Average loss: 4.0520  
Iteration: 3229; Percent complete: 80.7%; Average loss: 3.7567  
Iteration: 3230; Percent complete: 80.8%; Average loss: 4.2807  
Iteration: 3231; Percent complete: 80.8%; Average loss: 4.4674  
Iteration: 3232; Percent complete: 80.8%; Average loss: 4.0692  
Iteration: 3233; Percent complete: 80.8%; Average loss: 4.2073  
Iteration: 3234; Percent complete: 80.8%; Average loss: 4.3741  
Iteration: 3235; Percent complete: 80.9%; Average loss: 4.1833  
Iteration: 3236; Percent complete: 80.9%; Average loss: 4.2448  
Iteration: 3237; Percent complete: 80.9%; Average loss: 3.8553  
Iteration: 3238; Percent complete: 81.0%; Average loss: 4.1107  
Iteration: 3239; Percent complete: 81.0%; Average loss: 3.6298  
Iteration: 3240; Percent complete: 81.0%; Average loss: 4.2041  
Iteration: 3241; Percent complete: 81.0%; Average loss: 3.5905  
Iteration: 3242; Percent complete: 81.0%; Average loss: 4.3287  
Iteration: 3243; Percent complete: 81.1%; Average loss: 3.7615  
Iteration: 3244; Percent complete: 81.1%; Average loss: 3.7910  
Iteration: 3245; Percent complete: 81.1%; Average loss: 4.1418

Iteration: 3243; Percent complete: 81.1%; Average loss: 4.1419  
Iteration: 3246; Percent complete: 81.2%; Average loss: 4.0410  
Iteration: 3247; Percent complete: 81.2%; Average loss: 3.7711  
Iteration: 3248; Percent complete: 81.2%; Average loss: 4.3937  
Iteration: 3249; Percent complete: 81.2%; Average loss: 4.0121  
Iteration: 3250; Percent complete: 81.2%; Average loss: 3.8596  
Iteration: 3251; Percent complete: 81.3%; Average loss: 4.1742  
Iteration: 3252; Percent complete: 81.3%; Average loss: 4.2108  
Iteration: 3253; Percent complete: 81.3%; Average loss: 4.1470  
Iteration: 3254; Percent complete: 81.3%; Average loss: 3.8439  
Iteration: 3255; Percent complete: 81.4%; Average loss: 3.7672  
Iteration: 3256; Percent complete: 81.4%; Average loss: 4.2111  
Iteration: 3257; Percent complete: 81.4%; Average loss: 3.8785  
Iteration: 3258; Percent complete: 81.5%; Average loss: 4.4557  
Iteration: 3259; Percent complete: 81.5%; Average loss: 3.7984  
Iteration: 3260; Percent complete: 81.5%; Average loss: 3.8084  
Iteration: 3261; Percent complete: 81.5%; Average loss: 4.0365  
Iteration: 3262; Percent complete: 81.5%; Average loss: 3.8047  
Iteration: 3263; Percent complete: 81.6%; Average loss: 3.9402  
Iteration: 3264; Percent complete: 81.6%; Average loss: 4.0536  
Iteration: 3265; Percent complete: 81.6%; Average loss: 4.3058  
Iteration: 3266; Percent complete: 81.7%; Average loss: 3.8395  
Iteration: 3267; Percent complete: 81.7%; Average loss: 4.3517  
Iteration: 3268; Percent complete: 81.7%; Average loss: 4.0599  
Iteration: 3269; Percent complete: 81.7%; Average loss: 4.1244  
Iteration: 3270; Percent complete: 81.8%; Average loss: 3.9512  
Iteration: 3271; Percent complete: 81.8%; Average loss: 4.4435  
Iteration: 3272; Percent complete: 81.8%; Average loss: 3.7417  
Iteration: 3273; Percent complete: 81.8%; Average loss: 3.8316  
Iteration: 3274; Percent complete: 81.8%; Average loss: 3.5704  
Iteration: 3275; Percent complete: 81.9%; Average loss: 3.9034  
Iteration: 3276; Percent complete: 81.9%; Average loss: 3.6426  
Iteration: 3277; Percent complete: 81.9%; Average loss: 4.3011  
Iteration: 3278; Percent complete: 82.0%; Average loss: 4.1466  
Iteration: 3279; Percent complete: 82.0%; Average loss: 3.8985  
Iteration: 3280; Percent complete: 82.0%; Average loss: 4.1994  
Iteration: 3281; Percent complete: 82.0%; Average loss: 3.9339  
Iteration: 3282; Percent complete: 82.0%; Average loss: 3.9746  
Iteration: 3283; Percent complete: 82.1%; Average loss: 4.0447  
Iteration: 3284; Percent complete: 82.1%; Average loss: 4.1105  
Iteration: 3285; Percent complete: 82.1%; Average loss: 4.2017  
Iteration: 3286; Percent complete: 82.2%; Average loss: 4.1198  
Iteration: 3287; Percent complete: 82.2%; Average loss: 4.1775  
Iteration: 3288; Percent complete: 82.2%; Average loss: 4.1973  
Iteration: 3289; Percent complete: 82.2%; Average loss: 3.9464  
Iteration: 3290; Percent complete: 82.2%; Average loss: 4.3116  
Iteration: 3291; Percent complete: 82.3%; Average loss: 4.0154  
Iteration: 3292; Percent complete: 82.3%; Average loss: 3.8576  
Iteration: 3293; Percent complete: 82.3%; Average loss: 4.1408  
Iteration: 3294; Percent complete: 82.3%; Average loss: 4.0276  
Iteration: 3295; Percent complete: 82.4%; Average loss: 3.7406  
Iteration: 3296; Percent complete: 82.4%; Average loss: 4.0001  
Iteration: 3297; Percent complete: 82.4%; Average loss: 3.6146  
Iteration: 3298; Percent complete: 82.5%; Average loss: 4.4264  
Iteration: 3299; Percent complete: 82.5%; Average loss: 4.3070  
Iteration: 3300; Percent complete: 82.5%; Average loss: 3.9155  
Iteration: 3301; Percent complete: 82.5%; Average loss: 3.8649  
Iteration: 3302; Percent complete: 82.5%; Average loss: 4.1057  
Iteration: 3303; Percent complete: 82.6%; Average loss: 4.1247  
Iteration: 3304; Percent complete: 82.6%; Average loss: 3.8169  
Iteration: 3305; Percent complete: 82.6%; Average loss: 3.9871  
Iteration: 3306; Percent complete: 82.7%; Average loss: 4.3003  
Iteration: 3307; Percent complete: 82.7%; Average loss: 3.7419  
Iteration: 3308; Percent complete: 82.7%; Average loss: 3.8123  
Iteration: 3309; Percent complete: 82.7%; Average loss: 4.0269  
Iteration: 3310; Percent complete: 82.8%; Average loss: 4.2345  
Iteration: 3311; Percent complete: 82.8%; Average loss: 4.0876  
Iteration: 3312; Percent complete: 82.8%; Average loss: 4.1660  
Iteration: 3313; Percent complete: 82.8%; Average loss: 4.0160  
Iteration: 3314; Percent complete: 82.8%; Average loss: 3.6892  
Iteration: 3315; Percent complete: 82.9%; Average loss: 4.2312  
Iteration: 3316; Percent complete: 82.9%; Average loss: 3.8504  
Iteration: 3317; Percent complete: 82.9%; Average loss: 4.3010  
Iteration: 3318; Percent complete: 83.0%; Average loss: 4.2176  
Iteration: 3319; Percent complete: 83.0%; Average loss: 3.8260  
Iteration: 3320; Percent complete: 83.0%; Average loss: 4.1177  
Iteration: 3321; Percent complete: 83.0%; Average loss: 4.3487  
Iteration: 3322; Percent complete: 83.0%; Average loss: 4.1501  
Iteration: 3323; Percent complete: 83.1%; Average loss: 3.9069  
Iteration: 3324; Percent complete: 83.1%; Average loss: 4.1206  
Iteration: 3325; Percent complete: 83.1%; Average loss: 3.8890  
Iteration: 3326; Percent complete: 83.2%; Average loss: 3.8716  
Iteration: 3327; Percent complete: 83.2%; Average loss: 4.1412  
Iteration: 3328; Percent complete: 83.2%; Average loss: 4.3237  
Iteration: 3329; Percent complete: 83.2%; Average loss: 4.2332  
Iteration: 3330; Percent complete: 83.2%; Average loss: 3.7279  
Iteration: 3331; Percent complete: 83.3%; Average loss: 4.5782  
Iteration: 3332; Percent complete: 83.3%; Average loss: 3.6200  
Iteration: 3333; Percent complete: 83.3%; Average loss: 4.0882  
Iteration: 3334; Percent complete: 83.4%; Average loss: 4.0259  
Iteration: 3335; Percent complete: 83.4%; Average loss: 3.8061  
Iteration: 3336; Percent complete: 83.4%; Average loss: 4.1163

Iteration: 3337; Percent complete: 83.4%; Average loss: 3.9584  
Iteration: 3338; Percent complete: 83.5%; Average loss: 4.1047  
Iteration: 3339; Percent complete: 83.5%; Average loss: 4.1055  
Iteration: 3340; Percent complete: 83.5%; Average loss: 3.7636  
Iteration: 3341; Percent complete: 83.5%; Average loss: 3.8615  
Iteration: 3342; Percent complete: 83.5%; Average loss: 4.0162  
Iteration: 3343; Percent complete: 83.6%; Average loss: 3.9979  
Iteration: 3344; Percent complete: 83.6%; Average loss: 3.9327  
Iteration: 3345; Percent complete: 83.6%; Average loss: 3.8864  
Iteration: 3346; Percent complete: 83.7%; Average loss: 4.2044  
Iteration: 3347; Percent complete: 83.7%; Average loss: 3.5130  
Iteration: 3348; Percent complete: 83.7%; Average loss: 3.8543  
Iteration: 3349; Percent complete: 83.7%; Average loss: 3.6327  
Iteration: 3350; Percent complete: 83.8%; Average loss: 4.0666  
Iteration: 3351; Percent complete: 83.8%; Average loss: 4.3442  
Iteration: 3352; Percent complete: 83.8%; Average loss: 3.8207  
Iteration: 3353; Percent complete: 83.8%; Average loss: 4.0943  
Iteration: 3354; Percent complete: 83.9%; Average loss: 3.7772  
Iteration: 3355; Percent complete: 83.9%; Average loss: 4.4004  
Iteration: 3356; Percent complete: 83.9%; Average loss: 3.9422  
Iteration: 3357; Percent complete: 83.9%; Average loss: 3.9475  
Iteration: 3358; Percent complete: 84.0%; Average loss: 3.8598  
Iteration: 3359; Percent complete: 84.0%; Average loss: 4.2342  
Iteration: 3360; Percent complete: 84.0%; Average loss: 3.8821  
Iteration: 3361; Percent complete: 84.0%; Average loss: 4.4130  
Iteration: 3362; Percent complete: 84.0%; Average loss: 3.6861  
Iteration: 3363; Percent complete: 84.1%; Average loss: 3.8927  
Iteration: 3364; Percent complete: 84.1%; Average loss: 4.2145  
Iteration: 3365; Percent complete: 84.1%; Average loss: 4.2245  
Iteration: 3366; Percent complete: 84.2%; Average loss: 3.6620  
Iteration: 3367; Percent complete: 84.2%; Average loss: 4.1085  
Iteration: 3368; Percent complete: 84.2%; Average loss: 4.4889  
Iteration: 3369; Percent complete: 84.2%; Average loss: 4.0620  
Iteration: 3370; Percent complete: 84.2%; Average loss: 4.0806  
Iteration: 3371; Percent complete: 84.3%; Average loss: 3.9920  
Iteration: 3372; Percent complete: 84.3%; Average loss: 4.4175  
Iteration: 3373; Percent complete: 84.3%; Average loss: 3.9990  
Iteration: 3374; Percent complete: 84.4%; Average loss: 4.1288  
Iteration: 3375; Percent complete: 84.4%; Average loss: 3.6994  
Iteration: 3376; Percent complete: 84.4%; Average loss: 4.2558  
Iteration: 3377; Percent complete: 84.4%; Average loss: 3.6813  
Iteration: 3378; Percent complete: 84.5%; Average loss: 4.3838  
Iteration: 3379; Percent complete: 84.5%; Average loss: 3.5796  
Iteration: 3380; Percent complete: 84.5%; Average loss: 3.7165  
Iteration: 3381; Percent complete: 84.5%; Average loss: 4.5170  
Iteration: 3382; Percent complete: 84.5%; Average loss: 3.9237  
Iteration: 3383; Percent complete: 84.6%; Average loss: 4.4548  
Iteration: 3384; Percent complete: 84.6%; Average loss: 3.7951  
Iteration: 3385; Percent complete: 84.6%; Average loss: 3.8180  
Iteration: 3386; Percent complete: 84.7%; Average loss: 3.4385  
Iteration: 3387; Percent complete: 84.7%; Average loss: 3.7558  
Iteration: 3388; Percent complete: 84.7%; Average loss: 4.0194  
Iteration: 3389; Percent complete: 84.7%; Average loss: 3.8746  
Iteration: 3390; Percent complete: 84.8%; Average loss: 3.6980  
Iteration: 3391; Percent complete: 84.8%; Average loss: 4.4145  
Iteration: 3392; Percent complete: 84.8%; Average loss: 4.1500  
Iteration: 3393; Percent complete: 84.8%; Average loss: 3.9314  
Iteration: 3394; Percent complete: 84.9%; Average loss: 3.8285  
Iteration: 3395; Percent complete: 84.9%; Average loss: 4.0661  
Iteration: 3396; Percent complete: 84.9%; Average loss: 4.0070  
Iteration: 3397; Percent complete: 84.9%; Average loss: 3.9654  
Iteration: 3398; Percent complete: 85.0%; Average loss: 4.0617  
Iteration: 3399; Percent complete: 85.0%; Average loss: 3.8698  
Iteration: 3400; Percent complete: 85.0%; Average loss: 3.8992  
Iteration: 3401; Percent complete: 85.0%; Average loss: 3.7828  
Iteration: 3402; Percent complete: 85.0%; Average loss: 3.9755  
Iteration: 3403; Percent complete: 85.1%; Average loss: 4.1684  
Iteration: 3404; Percent complete: 85.1%; Average loss: 4.0012  
Iteration: 3405; Percent complete: 85.1%; Average loss: 3.8215  
Iteration: 3406; Percent complete: 85.2%; Average loss: 3.8887  
Iteration: 3407; Percent complete: 85.2%; Average loss: 3.8507  
Iteration: 3408; Percent complete: 85.2%; Average loss: 4.2544  
Iteration: 3409; Percent complete: 85.2%; Average loss: 3.9357  
Iteration: 3410; Percent complete: 85.2%; Average loss: 4.0732  
Iteration: 3411; Percent complete: 85.3%; Average loss: 3.7213  
Iteration: 3412; Percent complete: 85.3%; Average loss: 4.0354  
Iteration: 3413; Percent complete: 85.3%; Average loss: 4.1669  
Iteration: 3414; Percent complete: 85.4%; Average loss: 4.1641  
Iteration: 3415; Percent complete: 85.4%; Average loss: 3.9195  
Iteration: 3416; Percent complete: 85.4%; Average loss: 3.9892  
Iteration: 3417; Percent complete: 85.4%; Average loss: 3.8563  
Iteration: 3418; Percent complete: 85.5%; Average loss: 4.6587  
Iteration: 3419; Percent complete: 85.5%; Average loss: 3.7914  
Iteration: 3420; Percent complete: 85.5%; Average loss: 3.9301  
Iteration: 3421; Percent complete: 85.5%; Average loss: 3.9299  
Iteration: 3422; Percent complete: 85.5%; Average loss: 3.9414  
Iteration: 3423; Percent complete: 85.6%; Average loss: 3.7959  
Iteration: 3424; Percent complete: 85.6%; Average loss: 3.9890  
Iteration: 3425; Percent complete: 85.6%; Average loss: 4.3418  
Iteration: 3426; Percent complete: 85.7%; Average loss: 3.5633  
Iteration: 3427; Percent complete: 85.7%; Average loss: 3.9048

Iteration: 3428; Percent complete: 85.7%; Average loss: 4.1831  
Iteration: 3429; Percent complete: 85.7%; Average loss: 3.8750  
Iteration: 3430; Percent complete: 85.8%; Average loss: 4.1090  
Iteration: 3431; Percent complete: 85.8%; Average loss: 3.9846  
Iteration: 3432; Percent complete: 85.8%; Average loss: 4.0885  
Iteration: 3433; Percent complete: 85.8%; Average loss: 4.2940  
Iteration: 3434; Percent complete: 85.9%; Average loss: 4.3940  
Iteration: 3435; Percent complete: 85.9%; Average loss: 4.0259  
Iteration: 3436; Percent complete: 85.9%; Average loss: 4.0899  
Iteration: 3437; Percent complete: 85.9%; Average loss: 4.1878  
Iteration: 3438; Percent complete: 86.0%; Average loss: 3.9862  
Iteration: 3439; Percent complete: 86.0%; Average loss: 4.5973  
Iteration: 3440; Percent complete: 86.0%; Average loss: 3.8689  
Iteration: 3441; Percent complete: 86.0%; Average loss: 4.0535  
Iteration: 3442; Percent complete: 86.1%; Average loss: 3.9749  
Iteration: 3443; Percent complete: 86.1%; Average loss: 4.3731  
Iteration: 3444; Percent complete: 86.1%; Average loss: 4.1366  
Iteration: 3445; Percent complete: 86.1%; Average loss: 4.5257  
Iteration: 3446; Percent complete: 86.2%; Average loss: 3.8873  
Iteration: 3447; Percent complete: 86.2%; Average loss: 4.4074  
Iteration: 3448; Percent complete: 86.2%; Average loss: 4.1173  
Iteration: 3449; Percent complete: 86.2%; Average loss: 4.4899  
Iteration: 3450; Percent complete: 86.2%; Average loss: 4.2982  
Iteration: 3451; Percent complete: 86.3%; Average loss: 3.8324  
Iteration: 3452; Percent complete: 86.3%; Average loss: 4.0706  
Iteration: 3453; Percent complete: 86.3%; Average loss: 4.1712  
Iteration: 3454; Percent complete: 86.4%; Average loss: 3.6793  
Iteration: 3455; Percent complete: 86.4%; Average loss: 4.1607  
Iteration: 3456; Percent complete: 86.4%; Average loss: 3.5301  
Iteration: 3457; Percent complete: 86.4%; Average loss: 3.7062  
Iteration: 3458; Percent complete: 86.5%; Average loss: 4.2438  
Iteration: 3459; Percent complete: 86.5%; Average loss: 4.3199  
Iteration: 3460; Percent complete: 86.5%; Average loss: 4.0062  
Iteration: 3461; Percent complete: 86.5%; Average loss: 4.2566  
Iteration: 3462; Percent complete: 86.6%; Average loss: 3.6298  
Iteration: 3463; Percent complete: 86.6%; Average loss: 3.9931  
Iteration: 3464; Percent complete: 86.6%; Average loss: 3.6726  
Iteration: 3465; Percent complete: 86.6%; Average loss: 3.9955  
Iteration: 3466; Percent complete: 86.7%; Average loss: 4.1168  
Iteration: 3467; Percent complete: 86.7%; Average loss: 4.0561  
Iteration: 3468; Percent complete: 86.7%; Average loss: 3.9889  
Iteration: 3469; Percent complete: 86.7%; Average loss: 4.0414  
Iteration: 3470; Percent complete: 86.8%; Average loss: 4.0405  
Iteration: 3471; Percent complete: 86.8%; Average loss: 3.9172  
Iteration: 3472; Percent complete: 86.8%; Average loss: 4.1367  
Iteration: 3473; Percent complete: 86.8%; Average loss: 4.3019  
Iteration: 3474; Percent complete: 86.9%; Average loss: 3.8180  
Iteration: 3475; Percent complete: 86.9%; Average loss: 3.6197  
Iteration: 3476; Percent complete: 86.9%; Average loss: 4.0077  
Iteration: 3477; Percent complete: 86.9%; Average loss: 4.1855  
Iteration: 3478; Percent complete: 87.0%; Average loss: 3.6685  
Iteration: 3479; Percent complete: 87.0%; Average loss: 4.6115  
Iteration: 3480; Percent complete: 87.0%; Average loss: 4.0458  
Iteration: 3481; Percent complete: 87.0%; Average loss: 3.7496  
Iteration: 3482; Percent complete: 87.1%; Average loss: 4.4250  
Iteration: 3483; Percent complete: 87.1%; Average loss: 3.6790  
Iteration: 3484; Percent complete: 87.1%; Average loss: 3.9833  
Iteration: 3485; Percent complete: 87.1%; Average loss: 4.0635  
Iteration: 3486; Percent complete: 87.2%; Average loss: 3.8147  
Iteration: 3487; Percent complete: 87.2%; Average loss: 4.0279  
Iteration: 3488; Percent complete: 87.2%; Average loss: 4.1524  
Iteration: 3489; Percent complete: 87.2%; Average loss: 3.9785  
Iteration: 3490; Percent complete: 87.2%; Average loss: 3.8014  
Iteration: 3491; Percent complete: 87.3%; Average loss: 4.0423  
Iteration: 3492; Percent complete: 87.3%; Average loss: 4.2867  
Iteration: 3493; Percent complete: 87.3%; Average loss: 4.3573  
Iteration: 3494; Percent complete: 87.4%; Average loss: 4.0568  
Iteration: 3495; Percent complete: 87.4%; Average loss: 4.0443  
Iteration: 3496; Percent complete: 87.4%; Average loss: 3.7676  
Iteration: 3497; Percent complete: 87.4%; Average loss: 4.1195  
Iteration: 3498; Percent complete: 87.5%; Average loss: 4.0047  
Iteration: 3499; Percent complete: 87.5%; Average loss: 4.3752  
Iteration: 3500; Percent complete: 87.5%; Average loss: 3.9513  
Iteration: 3501; Percent complete: 87.5%; Average loss: 4.3202  
Iteration: 3502; Percent complete: 87.5%; Average loss: 4.1883  
Iteration: 3503; Percent complete: 87.6%; Average loss: 3.9277  
Iteration: 3504; Percent complete: 87.6%; Average loss: 3.6408  
Iteration: 3505; Percent complete: 87.6%; Average loss: 4.1338  
Iteration: 3506; Percent complete: 87.6%; Average loss: 3.9571  
Iteration: 3507; Percent complete: 87.7%; Average loss: 4.0369  
Iteration: 3508; Percent complete: 87.7%; Average loss: 4.0302  
Iteration: 3509; Percent complete: 87.7%; Average loss: 4.3065  
Iteration: 3510; Percent complete: 87.8%; Average loss: 4.3439  
Iteration: 3511; Percent complete: 87.8%; Average loss: 3.4301  
Iteration: 3512; Percent complete: 87.8%; Average loss: 3.5642  
Iteration: 3513; Percent complete: 87.8%; Average loss: 3.8688  
Iteration: 3514; Percent complete: 87.8%; Average loss: 4.0990  
Iteration: 3515; Percent complete: 87.9%; Average loss: 4.2763  
Iteration: 3516; Percent complete: 87.9%; Average loss: 3.8396  
Iteration: 3517; Percent complete: 87.9%; Average loss: 4.3859  
Iteration: 3518; Percent complete: 87.9%; Average loss: 4.0652



Iteration: 3519; Percent complete: 88.0%; Average loss: 4.1059  
Iteration: 3520; Percent complete: 88.0%; Average loss: 4.4671  
Iteration: 3521; Percent complete: 88.0%; Average loss: 3.6277  
Iteration: 3522; Percent complete: 88.0%; Average loss: 3.5494  
Iteration: 3523; Percent complete: 88.1%; Average loss: 3.9672  
Iteration: 3524; Percent complete: 88.1%; Average loss: 3.5919  
Iteration: 3525; Percent complete: 88.1%; Average loss: 4.2997  
Iteration: 3526; Percent complete: 88.1%; Average loss: 4.4491  
Iteration: 3527; Percent complete: 88.2%; Average loss: 4.1740  
Iteration: 3528; Percent complete: 88.2%; Average loss: 4.1795  
Iteration: 3529; Percent complete: 88.2%; Average loss: 3.8999  
Iteration: 3530; Percent complete: 88.2%; Average loss: 4.2688  
Iteration: 3531; Percent complete: 88.3%; Average loss: 3.8384  
Iteration: 3532; Percent complete: 88.3%; Average loss: 3.9130  
Iteration: 3533; Percent complete: 88.3%; Average loss: 3.9938  
Iteration: 3534; Percent complete: 88.3%; Average loss: 4.1247  
Iteration: 3535; Percent complete: 88.4%; Average loss: 4.3090  
Iteration: 3536; Percent complete: 88.4%; Average loss: 4.0713  
Iteration: 3537; Percent complete: 88.4%; Average loss: 3.8769  
Iteration: 3538; Percent complete: 88.4%; Average loss: 4.2322  
Iteration: 3539; Percent complete: 88.5%; Average loss: 4.3161  
Iteration: 3540; Percent complete: 88.5%; Average loss: 4.3633  
Iteration: 3541; Percent complete: 88.5%; Average loss: 3.9083  
Iteration: 3542; Percent complete: 88.5%; Average loss: 4.0933  
Iteration: 3543; Percent complete: 88.6%; Average loss: 3.5669  
Iteration: 3544; Percent complete: 88.6%; Average loss: 3.8917  
Iteration: 3545; Percent complete: 88.6%; Average loss: 4.2423  
Iteration: 3546; Percent complete: 88.6%; Average loss: 4.0034  
Iteration: 3547; Percent complete: 88.7%; Average loss: 4.1672  
Iteration: 3548; Percent complete: 88.7%; Average loss: 4.1761  
Iteration: 3549; Percent complete: 88.7%; Average loss: 4.2265  
Iteration: 3550; Percent complete: 88.8%; Average loss: 3.7121  
Iteration: 3551; Percent complete: 88.8%; Average loss: 4.1405  
Iteration: 3552; Percent complete: 88.8%; Average loss: 3.9852  
Iteration: 3553; Percent complete: 88.8%; Average loss: 4.0892  
Iteration: 3554; Percent complete: 88.8%; Average loss: 4.0304  
Iteration: 3555; Percent complete: 88.9%; Average loss: 3.7965  
Iteration: 3556; Percent complete: 88.9%; Average loss: 3.9783  
Iteration: 3557; Percent complete: 88.9%; Average loss: 3.8760  
Iteration: 3558; Percent complete: 88.9%; Average loss: 4.2255  
Iteration: 3559; Percent complete: 89.0%; Average loss: 4.1424  
Iteration: 3560; Percent complete: 89.0%; Average loss: 3.6325  
Iteration: 3561; Percent complete: 89.0%; Average loss: 3.9365  
Iteration: 3562; Percent complete: 89.0%; Average loss: 4.0027  
Iteration: 3563; Percent complete: 89.1%; Average loss: 4.1399  
Iteration: 3564; Percent complete: 89.1%; Average loss: 4.1265  
Iteration: 3565; Percent complete: 89.1%; Average loss: 3.9614  
Iteration: 3566; Percent complete: 89.1%; Average loss: 3.7346  
Iteration: 3567; Percent complete: 89.2%; Average loss: 3.8449  
Iteration: 3568; Percent complete: 89.2%; Average loss: 4.0756  
Iteration: 3569; Percent complete: 89.2%; Average loss: 3.7970  
Iteration: 3570; Percent complete: 89.2%; Average loss: 4.1570  
Iteration: 3571; Percent complete: 89.3%; Average loss: 3.7856  
Iteration: 3572; Percent complete: 89.3%; Average loss: 4.0149  
Iteration: 3573; Percent complete: 89.3%; Average loss: 3.5769  
Iteration: 3574; Percent complete: 89.3%; Average loss: 4.2117  
Iteration: 3575; Percent complete: 89.4%; Average loss: 4.0453  
Iteration: 3576; Percent complete: 89.4%; Average loss: 3.7677  
Iteration: 3577; Percent complete: 89.4%; Average loss: 3.8739  
Iteration: 3578; Percent complete: 89.5%; Average loss: 3.7860  
Iteration: 3579; Percent complete: 89.5%; Average loss: 3.9800  
Iteration: 3580; Percent complete: 89.5%; Average loss: 3.8061  
Iteration: 3581; Percent complete: 89.5%; Average loss: 4.0925  
Iteration: 3582; Percent complete: 89.5%; Average loss: 4.0863  
Iteration: 3583; Percent complete: 89.6%; Average loss: 4.0262  
Iteration: 3584; Percent complete: 89.6%; Average loss: 4.1212  
Iteration: 3585; Percent complete: 89.6%; Average loss: 4.3426  
Iteration: 3586; Percent complete: 89.6%; Average loss: 3.7446  
Iteration: 3587; Percent complete: 89.7%; Average loss: 3.7952  
Iteration: 3588; Percent complete: 89.7%; Average loss: 4.3337  
Iteration: 3589; Percent complete: 89.7%; Average loss: 3.9611  
Iteration: 3590; Percent complete: 89.8%; Average loss: 3.6633  
Iteration: 3591; Percent complete: 89.8%; Average loss: 4.4534  
Iteration: 3592; Percent complete: 89.8%; Average loss: 4.0870  
Iteration: 3593; Percent complete: 89.8%; Average loss: 4.0854  
Iteration: 3594; Percent complete: 89.8%; Average loss: 4.1934  
Iteration: 3595; Percent complete: 89.9%; Average loss: 3.7256  
Iteration: 3596; Percent complete: 89.9%; Average loss: 4.1234  
Iteration: 3597; Percent complete: 89.9%; Average loss: 3.6726  
Iteration: 3598; Percent complete: 90.0%; Average loss: 4.3169  
Iteration: 3599; Percent complete: 90.0%; Average loss: 4.1691  
Iteration: 3600; Percent complete: 90.0%; Average loss: 3.9055  
Iteration: 3601; Percent complete: 90.0%; Average loss: 3.9913  
Iteration: 3602; Percent complete: 90.0%; Average loss: 4.6405  
Iteration: 3603; Percent complete: 90.1%; Average loss: 3.9512  
Iteration: 3604; Percent complete: 90.1%; Average loss: 3.7779  
Iteration: 3605; Percent complete: 90.1%; Average loss: 4.1610  
Iteration: 3606; Percent complete: 90.1%; Average loss: 4.3650  
Iteration: 3607; Percent complete: 90.2%; Average loss: 4.2817  
Iteration: 3608; Percent complete: 90.2%; Average loss: 3.8931  
Iteration: 3609; Percent complete: 90.2%; Average loss: 4.4264  
Iteration: 3610; Percent complete: 90.2%; Average loss: 4.1416

Iteration: 3610; Percent complete: 90.2%; Average loss: 4.1416  
Iteration: 3611; Percent complete: 90.3%; Average loss: 4.0430  
Iteration: 3612; Percent complete: 90.3%; Average loss: 4.2685  
Iteration: 3613; Percent complete: 90.3%; Average loss: 4.0948  
Iteration: 3614; Percent complete: 90.3%; Average loss: 4.0662  
Iteration: 3615; Percent complete: 90.4%; Average loss: 3.8235  
Iteration: 3616; Percent complete: 90.4%; Average loss: 3.9663  
Iteration: 3617; Percent complete: 90.4%; Average loss: 3.9665  
Iteration: 3618; Percent complete: 90.5%; Average loss: 3.8506  
Iteration: 3619; Percent complete: 90.5%; Average loss: 4.0074  
Iteration: 3620; Percent complete: 90.5%; Average loss: 4.2315  
Iteration: 3621; Percent complete: 90.5%; Average loss: 4.2417  
Iteration: 3622; Percent complete: 90.5%; Average loss: 4.0650  
Iteration: 3623; Percent complete: 90.6%; Average loss: 3.7236  
Iteration: 3624; Percent complete: 90.6%; Average loss: 3.9313  
Iteration: 3625; Percent complete: 90.6%; Average loss: 3.5926  
Iteration: 3626; Percent complete: 90.6%; Average loss: 4.2468  
Iteration: 3627; Percent complete: 90.7%; Average loss: 4.3083  
Iteration: 3628; Percent complete: 90.7%; Average loss: 4.1596  
Iteration: 3629; Percent complete: 90.7%; Average loss: 3.7608  
Iteration: 3630; Percent complete: 90.8%; Average loss: 4.1638  
Iteration: 3631; Percent complete: 90.8%; Average loss: 3.8167  
Iteration: 3632; Percent complete: 90.8%; Average loss: 3.6727  
Iteration: 3633; Percent complete: 90.8%; Average loss: 4.4903  
Iteration: 3634; Percent complete: 90.8%; Average loss: 3.8876  
Iteration: 3635; Percent complete: 90.9%; Average loss: 4.1100  
Iteration: 3636; Percent complete: 90.9%; Average loss: 4.2138  
Iteration: 3637; Percent complete: 90.9%; Average loss: 4.0845  
Iteration: 3638; Percent complete: 91.0%; Average loss: 4.0223  
Iteration: 3639; Percent complete: 91.0%; Average loss: 4.0697  
Iteration: 3640; Percent complete: 91.0%; Average loss: 3.6750  
Iteration: 3641; Percent complete: 91.0%; Average loss: 4.0875  
Iteration: 3642; Percent complete: 91.0%; Average loss: 3.8802  
Iteration: 3643; Percent complete: 91.1%; Average loss: 4.0273  
Iteration: 3644; Percent complete: 91.1%; Average loss: 4.1694  
Iteration: 3645; Percent complete: 91.1%; Average loss: 4.0091  
Iteration: 3646; Percent complete: 91.1%; Average loss: 4.3734  
Iteration: 3647; Percent complete: 91.2%; Average loss: 3.7988  
Iteration: 3648; Percent complete: 91.2%; Average loss: 4.1523  
Iteration: 3649; Percent complete: 91.2%; Average loss: 4.4876  
Iteration: 3650; Percent complete: 91.2%; Average loss: 4.4690  
Iteration: 3651; Percent complete: 91.3%; Average loss: 4.0484  
Iteration: 3652; Percent complete: 91.3%; Average loss: 4.1642  
Iteration: 3653; Percent complete: 91.3%; Average loss: 3.8320  
Iteration: 3654; Percent complete: 91.3%; Average loss: 4.4751  
Iteration: 3655; Percent complete: 91.4%; Average loss: 4.0636  
Iteration: 3656; Percent complete: 91.4%; Average loss: 3.8269  
Iteration: 3657; Percent complete: 91.4%; Average loss: 4.0744  
Iteration: 3658; Percent complete: 91.5%; Average loss: 4.4300  
Iteration: 3659; Percent complete: 91.5%; Average loss: 4.0448  
Iteration: 3660; Percent complete: 91.5%; Average loss: 4.1754  
Iteration: 3661; Percent complete: 91.5%; Average loss: 3.9027  
Iteration: 3662; Percent complete: 91.5%; Average loss: 4.1501  
Iteration: 3663; Percent complete: 91.6%; Average loss: 3.8661  
Iteration: 3664; Percent complete: 91.6%; Average loss: 3.9919  
Iteration: 3665; Percent complete: 91.6%; Average loss: 4.0244  
Iteration: 3666; Percent complete: 91.6%; Average loss: 4.2647  
Iteration: 3667; Percent complete: 91.7%; Average loss: 4.4207  
Iteration: 3668; Percent complete: 91.7%; Average loss: 4.0297  
Iteration: 3669; Percent complete: 91.7%; Average loss: 3.7916  
Iteration: 3670; Percent complete: 91.8%; Average loss: 3.9624  
Iteration: 3671; Percent complete: 91.8%; Average loss: 3.7391  
Iteration: 3672; Percent complete: 91.8%; Average loss: 3.7210  
Iteration: 3673; Percent complete: 91.8%; Average loss: 4.2445  
Iteration: 3674; Percent complete: 91.8%; Average loss: 4.2170  
Iteration: 3675; Percent complete: 91.9%; Average loss: 4.0324  
Iteration: 3676; Percent complete: 91.9%; Average loss: 3.9559  
Iteration: 3677; Percent complete: 91.9%; Average loss: 4.0074  
Iteration: 3678; Percent complete: 92.0%; Average loss: 3.7762  
Iteration: 3679; Percent complete: 92.0%; Average loss: 4.1643  
Iteration: 3680; Percent complete: 92.0%; Average loss: 3.9014  
Iteration: 3681; Percent complete: 92.0%; Average loss: 3.9591  
Iteration: 3682; Percent complete: 92.0%; Average loss: 4.2753  
Iteration: 3683; Percent complete: 92.1%; Average loss: 3.8971  
Iteration: 3684; Percent complete: 92.1%; Average loss: 3.8341  
Iteration: 3685; Percent complete: 92.1%; Average loss: 4.1151  
Iteration: 3686; Percent complete: 92.2%; Average loss: 4.2853  
Iteration: 3687; Percent complete: 92.2%; Average loss: 4.3667  
Iteration: 3688; Percent complete: 92.2%; Average loss: 4.2709  
Iteration: 3689; Percent complete: 92.2%; Average loss: 4.0455  
Iteration: 3690; Percent complete: 92.2%; Average loss: 4.0603  
Iteration: 3691; Percent complete: 92.3%; Average loss: 4.2663  
Iteration: 3692; Percent complete: 92.3%; Average loss: 3.7821  
Iteration: 3693; Percent complete: 92.3%; Average loss: 4.1587  
Iteration: 3694; Percent complete: 92.3%; Average loss: 3.4868  
Iteration: 3695; Percent complete: 92.4%; Average loss: 3.9503  
Iteration: 3696; Percent complete: 92.4%; Average loss: 4.3501  
Iteration: 3697; Percent complete: 92.4%; Average loss: 3.7913  
Iteration: 3698; Percent complete: 92.5%; Average loss: 4.2159  
Iteration: 3699; Percent complete: 92.5%; Average loss: 4.1054  
Iteration: 3700; Percent complete: 92.5%; Average loss: 3.6402  
Iteration: 3701; Percent complete: 92.5%; Average loss: 4.2874

Iteration: 3701; Percent complete: 92.5%; Average loss: 3.9660  
Iteration: 3702; Percent complete: 92.5%; Average loss: 3.9660  
Iteration: 3703; Percent complete: 92.6%; Average loss: 4.0874  
Iteration: 3704; Percent complete: 92.6%; Average loss: 3.9528  
Iteration: 3705; Percent complete: 92.6%; Average loss: 4.5087  
Iteration: 3706; Percent complete: 92.7%; Average loss: 3.9243  
Iteration: 3707; Percent complete: 92.7%; Average loss: 3.9739  
Iteration: 3708; Percent complete: 92.7%; Average loss: 4.4179  
Iteration: 3709; Percent complete: 92.7%; Average loss: 4.4759  
Iteration: 3710; Percent complete: 92.8%; Average loss: 4.0666  
Iteration: 3711; Percent complete: 92.8%; Average loss: 3.7953  
Iteration: 3712; Percent complete: 92.8%; Average loss: 4.2882  
Iteration: 3713; Percent complete: 92.8%; Average loss: 4.0385  
Iteration: 3714; Percent complete: 92.8%; Average loss: 3.9586  
Iteration: 3715; Percent complete: 92.9%; Average loss: 3.8894  
Iteration: 3716; Percent complete: 92.9%; Average loss: 3.9177  
Iteration: 3717; Percent complete: 92.9%; Average loss: 4.3695  
Iteration: 3718; Percent complete: 93.0%; Average loss: 3.9611  
Iteration: 3719; Percent complete: 93.0%; Average loss: 3.7642  
Iteration: 3720; Percent complete: 93.0%; Average loss: 4.1776  
Iteration: 3721; Percent complete: 93.0%; Average loss: 3.9509  
Iteration: 3722; Percent complete: 93.0%; Average loss: 4.3345  
Iteration: 3723; Percent complete: 93.1%; Average loss: 4.0276  
Iteration: 3724; Percent complete: 93.1%; Average loss: 4.2749  
Iteration: 3725; Percent complete: 93.1%; Average loss: 4.0914  
Iteration: 3726; Percent complete: 93.2%; Average loss: 4.1166  
Iteration: 3727; Percent complete: 93.2%; Average loss: 4.1265  
Iteration: 3728; Percent complete: 93.2%; Average loss: 4.2250  
Iteration: 3729; Percent complete: 93.2%; Average loss: 3.9835  
Iteration: 3730; Percent complete: 93.2%; Average loss: 4.0306  
Iteration: 3731; Percent complete: 93.3%; Average loss: 3.8552  
Iteration: 3732; Percent complete: 93.3%; Average loss: 3.8032  
Iteration: 3733; Percent complete: 93.3%; Average loss: 4.1057  
Iteration: 3734; Percent complete: 93.3%; Average loss: 4.1935  
Iteration: 3735; Percent complete: 93.4%; Average loss: 4.3845  
Iteration: 3736; Percent complete: 93.4%; Average loss: 3.7628  
Iteration: 3737; Percent complete: 93.4%; Average loss: 4.1730  
Iteration: 3738; Percent complete: 93.5%; Average loss: 3.7771  
Iteration: 3739; Percent complete: 93.5%; Average loss: 4.4137  
Iteration: 3740; Percent complete: 93.5%; Average loss: 4.1557  
Iteration: 3741; Percent complete: 93.5%; Average loss: 4.1852  
Iteration: 3742; Percent complete: 93.5%; Average loss: 3.8743  
Iteration: 3743; Percent complete: 93.6%; Average loss: 4.2754  
Iteration: 3744; Percent complete: 93.6%; Average loss: 4.1238  
Iteration: 3745; Percent complete: 93.6%; Average loss: 4.2773  
Iteration: 3746; Percent complete: 93.7%; Average loss: 4.1779  
Iteration: 3747; Percent complete: 93.7%; Average loss: 3.7912  
Iteration: 3748; Percent complete: 93.7%; Average loss: 3.7205  
Iteration: 3749; Percent complete: 93.7%; Average loss: 4.2842  
Iteration: 3750; Percent complete: 93.8%; Average loss: 4.1193  
Iteration: 3751; Percent complete: 93.8%; Average loss: 3.9119  
Iteration: 3752; Percent complete: 93.8%; Average loss: 3.9224  
Iteration: 3753; Percent complete: 93.8%; Average loss: 3.8361  
Iteration: 3754; Percent complete: 93.8%; Average loss: 4.1885  
Iteration: 3755; Percent complete: 93.9%; Average loss: 4.4343  
Iteration: 3756; Percent complete: 93.9%; Average loss: 3.8385  
Iteration: 3757; Percent complete: 93.9%; Average loss: 3.9746  
Iteration: 3758; Percent complete: 94.0%; Average loss: 3.9115  
Iteration: 3759; Percent complete: 94.0%; Average loss: 3.9671  
Iteration: 3760; Percent complete: 94.0%; Average loss: 4.1960  
Iteration: 3761; Percent complete: 94.0%; Average loss: 4.1754  
Iteration: 3762; Percent complete: 94.0%; Average loss: 4.2614  
Iteration: 3763; Percent complete: 94.1%; Average loss: 4.3408  
Iteration: 3764; Percent complete: 94.1%; Average loss: 4.3533  
Iteration: 3765; Percent complete: 94.1%; Average loss: 4.3527  
Iteration: 3766; Percent complete: 94.2%; Average loss: 3.8717  
Iteration: 3767; Percent complete: 94.2%; Average loss: 4.0824  
Iteration: 3768; Percent complete: 94.2%; Average loss: 3.9340  
Iteration: 3769; Percent complete: 94.2%; Average loss: 4.3143  
Iteration: 3770; Percent complete: 94.2%; Average loss: 4.2415  
Iteration: 3771; Percent complete: 94.3%; Average loss: 3.9817  
Iteration: 3772; Percent complete: 94.3%; Average loss: 4.1961  
Iteration: 3773; Percent complete: 94.3%; Average loss: 4.2965  
Iteration: 3774; Percent complete: 94.3%; Average loss: 4.1013  
Iteration: 3775; Percent complete: 94.4%; Average loss: 4.1333  
Iteration: 3776; Percent complete: 94.4%; Average loss: 4.4210  
Iteration: 3777; Percent complete: 94.4%; Average loss: 4.0928  
Iteration: 3778; Percent complete: 94.5%; Average loss: 4.1421  
Iteration: 3779; Percent complete: 94.5%; Average loss: 4.0753  
Iteration: 3780; Percent complete: 94.5%; Average loss: 3.7766  
Iteration: 3781; Percent complete: 94.5%; Average loss: 3.6180  
Iteration: 3782; Percent complete: 94.5%; Average loss: 4.3049  
Iteration: 3783; Percent complete: 94.6%; Average loss: 4.6714  
Iteration: 3784; Percent complete: 94.6%; Average loss: 3.8472  
Iteration: 3785; Percent complete: 94.6%; Average loss: 4.1804  
Iteration: 3786; Percent complete: 94.7%; Average loss: 4.6587  
Iteration: 3787; Percent complete: 94.7%; Average loss: 4.1239  
Iteration: 3788; Percent complete: 94.7%; Average loss: 3.9954  
Iteration: 3789; Percent complete: 94.7%; Average loss: 4.0897  
Iteration: 3790; Percent complete: 94.8%; Average loss: 4.1967  
Iteration: 3791; Percent complete: 94.8%; Average loss: 3.5710  
Iteration: 3792; Percent complete: 94.8%; Average loss: 4.1284

Iteration: 3793; Percent complete: 94.8%; Average loss: 3.9430  
Iteration: 3794; Percent complete: 94.8%; Average loss: 3.9495  
Iteration: 3795; Percent complete: 94.9%; Average loss: 3.6182  
Iteration: 3796; Percent complete: 94.9%; Average loss: 4.0558  
Iteration: 3797; Percent complete: 94.9%; Average loss: 4.0678  
Iteration: 3798; Percent complete: 95.0%; Average loss: 4.2286  
Iteration: 3799; Percent complete: 95.0%; Average loss: 4.1612  
Iteration: 3800; Percent complete: 95.0%; Average loss: 4.1587  
Iteration: 3801; Percent complete: 95.0%; Average loss: 4.1777  
Iteration: 3802; Percent complete: 95.0%; Average loss: 4.2872  
Iteration: 3803; Percent complete: 95.1%; Average loss: 4.1852  
Iteration: 3804; Percent complete: 95.1%; Average loss: 4.1489  
Iteration: 3805; Percent complete: 95.1%; Average loss: 4.2798  
Iteration: 3806; Percent complete: 95.2%; Average loss: 4.1696  
Iteration: 3807; Percent complete: 95.2%; Average loss: 4.1157  
Iteration: 3808; Percent complete: 95.2%; Average loss: 4.1210  
Iteration: 3809; Percent complete: 95.2%; Average loss: 3.8570  
Iteration: 3810; Percent complete: 95.2%; Average loss: 3.9481  
Iteration: 3811; Percent complete: 95.3%; Average loss: 4.1298  
Iteration: 3812; Percent complete: 95.3%; Average loss: 4.3023  
Iteration: 3813; Percent complete: 95.3%; Average loss: 4.4555  
Iteration: 3814; Percent complete: 95.3%; Average loss: 3.8849  
Iteration: 3815; Percent complete: 95.4%; Average loss: 4.0295  
Iteration: 3816; Percent complete: 95.4%; Average loss: 3.9440  
Iteration: 3817; Percent complete: 95.4%; Average loss: 3.6781  
Iteration: 3818; Percent complete: 95.5%; Average loss: 4.5002  
Iteration: 3819; Percent complete: 95.5%; Average loss: 4.2396  
Iteration: 3820; Percent complete: 95.5%; Average loss: 3.8094  
Iteration: 3821; Percent complete: 95.5%; Average loss: 4.0105  
Iteration: 3822; Percent complete: 95.5%; Average loss: 4.1689  
Iteration: 3823; Percent complete: 95.6%; Average loss: 4.2903  
Iteration: 3824; Percent complete: 95.6%; Average loss: 4.0499  
Iteration: 3825; Percent complete: 95.6%; Average loss: 4.3309  
Iteration: 3826; Percent complete: 95.7%; Average loss: 4.2918  
Iteration: 3827; Percent complete: 95.7%; Average loss: 4.1124  
Iteration: 3828; Percent complete: 95.7%; Average loss: 4.2056  
Iteration: 3829; Percent complete: 95.7%; Average loss: 4.0920  
Iteration: 3830; Percent complete: 95.8%; Average loss: 4.0179  
Iteration: 3831; Percent complete: 95.8%; Average loss: 4.1022  
Iteration: 3832; Percent complete: 95.8%; Average loss: 4.2127  
Iteration: 3833; Percent complete: 95.8%; Average loss: 3.8791  
Iteration: 3834; Percent complete: 95.9%; Average loss: 4.2496  
Iteration: 3835; Percent complete: 95.9%; Average loss: 4.5270  
Iteration: 3836; Percent complete: 95.9%; Average loss: 3.7063  
Iteration: 3837; Percent complete: 95.9%; Average loss: 3.9319  
Iteration: 3838; Percent complete: 96.0%; Average loss: 4.3905  
Iteration: 3839; Percent complete: 96.0%; Average loss: 3.7303  
Iteration: 3840; Percent complete: 96.0%; Average loss: 4.2625  
Iteration: 3841; Percent complete: 96.0%; Average loss: 4.2613  
Iteration: 3842; Percent complete: 96.0%; Average loss: 4.1895  
Iteration: 3843; Percent complete: 96.1%; Average loss: 4.2343  
Iteration: 3844; Percent complete: 96.1%; Average loss: 4.3390  
Iteration: 3845; Percent complete: 96.1%; Average loss: 4.0061  
Iteration: 3846; Percent complete: 96.2%; Average loss: 4.0970  
Iteration: 3847; Percent complete: 96.2%; Average loss: 4.4162  
Iteration: 3848; Percent complete: 96.2%; Average loss: 3.9491  
Iteration: 3849; Percent complete: 96.2%; Average loss: 3.8582  
Iteration: 3850; Percent complete: 96.2%; Average loss: 4.2003  
Iteration: 3851; Percent complete: 96.3%; Average loss: 4.2112  
Iteration: 3852; Percent complete: 96.3%; Average loss: 4.1380  
Iteration: 3853; Percent complete: 96.3%; Average loss: 4.4673  
Iteration: 3854; Percent complete: 96.4%; Average loss: 3.7291  
Iteration: 3855; Percent complete: 96.4%; Average loss: 4.2177  
Iteration: 3856; Percent complete: 96.4%; Average loss: 3.7257  
Iteration: 3857; Percent complete: 96.4%; Average loss: 4.0961  
Iteration: 3858; Percent complete: 96.5%; Average loss: 4.0322  
Iteration: 3859; Percent complete: 96.5%; Average loss: 4.3762  
Iteration: 3860; Percent complete: 96.5%; Average loss: 4.1114  
Iteration: 3861; Percent complete: 96.5%; Average loss: 3.9715  
Iteration: 3862; Percent complete: 96.5%; Average loss: 4.0450  
Iteration: 3863; Percent complete: 96.6%; Average loss: 4.0691  
Iteration: 3864; Percent complete: 96.6%; Average loss: 4.0084  
Iteration: 3865; Percent complete: 96.6%; Average loss: 3.8381  
Iteration: 3866; Percent complete: 96.7%; Average loss: 4.2289  
Iteration: 3867; Percent complete: 96.7%; Average loss: 3.9817  
Iteration: 3868; Percent complete: 96.7%; Average loss: 4.1555  
Iteration: 3869; Percent complete: 96.7%; Average loss: 3.8992  
Iteration: 3870; Percent complete: 96.8%; Average loss: 4.4290  
Iteration: 3871; Percent complete: 96.8%; Average loss: 4.3892  
Iteration: 3872; Percent complete: 96.8%; Average loss: 3.8589  
Iteration: 3873; Percent complete: 96.8%; Average loss: 3.7738  
Iteration: 3874; Percent complete: 96.9%; Average loss: 4.5619  
Iteration: 3875; Percent complete: 96.9%; Average loss: 3.9906  
Iteration: 3876; Percent complete: 96.9%; Average loss: 4.1303  
Iteration: 3877; Percent complete: 96.9%; Average loss: 4.3898  
Iteration: 3878; Percent complete: 97.0%; Average loss: 4.4209  
Iteration: 3879; Percent complete: 97.0%; Average loss: 4.2776  
Iteration: 3880; Percent complete: 97.0%; Average loss: 3.7992  
Iteration: 3881; Percent complete: 97.0%; Average loss: 4.2818  
Iteration: 3882; Percent complete: 97.0%; Average loss: 3.8715  
Iteration: 3883; Percent complete: 97.1%; Average loss: 4.3247

Iteration: 3884; Percent complete: 97.1%; Average loss: 4.6408  
Iteration: 3885; Percent complete: 97.1%; Average loss: 3.9662  
Iteration: 3886; Percent complete: 97.2%; Average loss: 4.2838  
Iteration: 3887; Percent complete: 97.2%; Average loss: 4.0135  
Iteration: 3888; Percent complete: 97.2%; Average loss: 4.1804  
Iteration: 3889; Percent complete: 97.2%; Average loss: 3.8447  
Iteration: 3890; Percent complete: 97.2%; Average loss: 4.2773  
Iteration: 3891; Percent complete: 97.3%; Average loss: 4.0396  
Iteration: 3892; Percent complete: 97.3%; Average loss: 4.0766  
Iteration: 3893; Percent complete: 97.3%; Average loss: 3.8560  
Iteration: 3894; Percent complete: 97.4%; Average loss: 4.0086  
Iteration: 3895; Percent complete: 97.4%; Average loss: 4.0100  
Iteration: 3896; Percent complete: 97.4%; Average loss: 4.0865  
Iteration: 3897; Percent complete: 97.4%; Average loss: 4.1779  
Iteration: 3898; Percent complete: 97.5%; Average loss: 4.3668  
Iteration: 3899; Percent complete: 97.5%; Average loss: 4.0074  
Iteration: 3900; Percent complete: 97.5%; Average loss: 4.2706  
Iteration: 3901; Percent complete: 97.5%; Average loss: 4.1901  
Iteration: 3902; Percent complete: 97.5%; Average loss: 4.3725  
Iteration: 3903; Percent complete: 97.6%; Average loss: 4.1516  
Iteration: 3904; Percent complete: 97.6%; Average loss: 3.9242  
Iteration: 3905; Percent complete: 97.6%; Average loss: 3.9703  
Iteration: 3906; Percent complete: 97.7%; Average loss: 3.8995  
Iteration: 3907; Percent complete: 97.7%; Average loss: 3.9679  
Iteration: 3908; Percent complete: 97.7%; Average loss: 3.8744  
Iteration: 3909; Percent complete: 97.7%; Average loss: 4.0910  
Iteration: 3910; Percent complete: 97.8%; Average loss: 4.2453  
Iteration: 3911; Percent complete: 97.8%; Average loss: 4.3475  
Iteration: 3912; Percent complete: 97.8%; Average loss: 3.9706  
Iteration: 3913; Percent complete: 97.8%; Average loss: 3.6626  
Iteration: 3914; Percent complete: 97.9%; Average loss: 4.2526  
Iteration: 3915; Percent complete: 97.9%; Average loss: 4.0656  
Iteration: 3916; Percent complete: 97.9%; Average loss: 4.0260  
Iteration: 3917; Percent complete: 97.9%; Average loss: 3.8250  
Iteration: 3918; Percent complete: 98.0%; Average loss: 3.7963  
Iteration: 3919; Percent complete: 98.0%; Average loss: 4.0733  
Iteration: 3920; Percent complete: 98.0%; Average loss: 4.1799  
Iteration: 3921; Percent complete: 98.0%; Average loss: 4.0521  
Iteration: 3922; Percent complete: 98.0%; Average loss: 4.5606  
Iteration: 3923; Percent complete: 98.1%; Average loss: 3.7709  
Iteration: 3924; Percent complete: 98.1%; Average loss: 4.0282  
Iteration: 3925; Percent complete: 98.1%; Average loss: 4.0371  
Iteration: 3926; Percent complete: 98.2%; Average loss: 3.8983  
Iteration: 3927; Percent complete: 98.2%; Average loss: 4.2710  
Iteration: 3928; Percent complete: 98.2%; Average loss: 4.1350  
Iteration: 3929; Percent complete: 98.2%; Average loss: 3.8750  
Iteration: 3930; Percent complete: 98.2%; Average loss: 3.9975  
Iteration: 3931; Percent complete: 98.3%; Average loss: 3.7450  
Iteration: 3932; Percent complete: 98.3%; Average loss: 3.8251  
Iteration: 3933; Percent complete: 98.3%; Average loss: 4.1586  
Iteration: 3934; Percent complete: 98.4%; Average loss: 4.4713  
Iteration: 3935; Percent complete: 98.4%; Average loss: 3.8619  
Iteration: 3936; Percent complete: 98.4%; Average loss: 4.0285  
Iteration: 3937; Percent complete: 98.4%; Average loss: 3.9905  
Iteration: 3938; Percent complete: 98.5%; Average loss: 3.8461  
Iteration: 3939; Percent complete: 98.5%; Average loss: 3.9782  
Iteration: 3940; Percent complete: 98.5%; Average loss: 4.0762  
Iteration: 3941; Percent complete: 98.5%; Average loss: 3.7886  
Iteration: 3942; Percent complete: 98.6%; Average loss: 3.9889  
Iteration: 3943; Percent complete: 98.6%; Average loss: 4.1937  
Iteration: 3944; Percent complete: 98.6%; Average loss: 3.9989  
Iteration: 3945; Percent complete: 98.6%; Average loss: 4.0548  
Iteration: 3946; Percent complete: 98.7%; Average loss: 4.1228  
Iteration: 3947; Percent complete: 98.7%; Average loss: 3.5401  
Iteration: 3948; Percent complete: 98.7%; Average loss: 4.1696  
Iteration: 3949; Percent complete: 98.7%; Average loss: 3.7002  
Iteration: 3950; Percent complete: 98.8%; Average loss: 4.1845  
Iteration: 3951; Percent complete: 98.8%; Average loss: 4.4570  
Iteration: 3952; Percent complete: 98.8%; Average loss: 4.1466  
Iteration: 3953; Percent complete: 98.8%; Average loss: 4.1812  
Iteration: 3954; Percent complete: 98.9%; Average loss: 4.2392  
Iteration: 3955; Percent complete: 98.9%; Average loss: 4.0941  
Iteration: 3956; Percent complete: 98.9%; Average loss: 4.0261  
Iteration: 3957; Percent complete: 98.9%; Average loss: 3.7912  
Iteration: 3958; Percent complete: 99.0%; Average loss: 4.2559  
Iteration: 3959; Percent complete: 99.0%; Average loss: 4.1452  
Iteration: 3960; Percent complete: 99.0%; Average loss: 4.3922  
Iteration: 3961; Percent complete: 99.0%; Average loss: 3.6885  
Iteration: 3962; Percent complete: 99.1%; Average loss: 3.9289  
Iteration: 3963; Percent complete: 99.1%; Average loss: 3.5583  
Iteration: 3964; Percent complete: 99.1%; Average loss: 4.0203  
Iteration: 3965; Percent complete: 99.1%; Average loss: 3.9706  
Iteration: 3966; Percent complete: 99.2%; Average loss: 4.2574  
Iteration: 3967; Percent complete: 99.2%; Average loss: 3.7936  
Iteration: 3968; Percent complete: 99.2%; Average loss: 4.3226  
Iteration: 3969; Percent complete: 99.2%; Average loss: 4.5723  
Iteration: 3970; Percent complete: 99.2%; Average loss: 3.6667  
Iteration: 3971; Percent complete: 99.3%; Average loss: 4.2570  
Iteration: 3972; Percent complete: 99.3%; Average loss: 4.5239  
Iteration: 3973; Percent complete: 99.3%; Average loss: 3.7624  
Iteration: 3974; Percent complete: 99.4%; Average loss: 3.6947  
Iteration: 3975; Percent complete: 99.4%; Average loss: 4.1311

Iteration: 3975; Percent complete: 99.4%; Average loss: 4.1731  
Iteration: 3976; Percent complete: 99.4%; Average loss: 4.0613  
Iteration: 3977; Percent complete: 99.4%; Average loss: 4.1872  
Iteration: 3978; Percent complete: 99.5%; Average loss: 4.0002  
Iteration: 3979; Percent complete: 99.5%; Average loss: 3.9720  
Iteration: 3980; Percent complete: 99.5%; Average loss: 4.2687  
Iteration: 3981; Percent complete: 99.5%; Average loss: 4.1431  
Iteration: 3982; Percent complete: 99.6%; Average loss: 4.2476  
Iteration: 3983; Percent complete: 99.6%; Average loss: 4.3586  
Iteration: 3984; Percent complete: 99.6%; Average loss: 3.5115  
Iteration: 3985; Percent complete: 99.6%; Average loss: 4.0726  
Iteration: 3986; Percent complete: 99.7%; Average loss: 4.3854  
Iteration: 3987; Percent complete: 99.7%; Average loss: 4.7189  
Iteration: 3988; Percent complete: 99.7%; Average loss: 3.5045  
Iteration: 3989; Percent complete: 99.7%; Average loss: 4.0593  
Iteration: 3990; Percent complete: 99.8%; Average loss: 4.3055  
Iteration: 3991; Percent complete: 99.8%; Average loss: 3.7733  
Iteration: 3992; Percent complete: 99.8%; Average loss: 4.0808  
Iteration: 3993; Percent complete: 99.8%; Average loss: 3.6333  
Iteration: 3994; Percent complete: 99.9%; Average loss: 3.7713  
Iteration: 3995; Percent complete: 99.9%; Average loss: 4.0509  
Iteration: 3996; Percent complete: 99.9%; Average loss: 4.0053  
Iteration: 3997; Percent complete: 99.9%; Average loss: 3.6604  
Iteration: 3998; Percent complete: 100.0%; Average loss: 4.0088  
Iteration: 3999; Percent complete: 100.0%; Average loss: 3.6365  
Iteration: 4000; Percent complete: 100.0%; Average loss: 3.9066

### Run history:

batch loss   
epoch   
loss 

### Run summary:

batch loss 3.90658  
epoch 13  
loss 3.70985

View run **glowing-sweep-13** at: <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps/runs/u8z8pyt5>

View project at: <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps>

Synced 5 W&B file(s), 0 media file(s), 0 artifact file(s) and 0 other file(s)

Find logs at: [./wandb/run-20250928\\_220037-u8z8pyt5/logs](#)

**wandb**: Agent Starting Run: 2eby28m6 with config:

**wandb**: clip: 25

**wandb**: decoder\_learning\_ratio: 10

**wandb**: learning\_rate: 0.00025

**wandb**: optimizer: sgd

**wandb**: teacher\_forcing\_ratio: 1

Tracking run with wandb version 0.22.0

Run data is saved locally in `/content/wandb/run-20250928_220440-2eby28m6`

Syncing run **quiet-sweep-14** to [Weights & Biases \(docs\)](#)

Sweep page: <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps/sweeps/jvrgq7ty>

View project at <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps>

View sweep at <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps/sweeps/jvrgq7ty>

View run at <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps/runs/2eby28m6>

Building optimizers ...

Starting Training!

Initializing ...

Training...

Iteration: 1; Percent complete: 0.0%; Average loss: 4.2504

Iteration: 2; Percent complete: 0.1%; Average loss: 3.7584

Iteration: 3; Percent complete: 0.1%; Average loss: 4.1845

Iteration: 4; Percent complete: 0.1%; Average loss: 4.4705

Iteration: 5; Percent complete: 0.1%; Average loss: 3.9241

Iteration: 6; Percent complete: 0.1%; Average loss: 4.3504

Iteration: 7; Percent complete: 0.2%; Average loss: 4.1960

Iteration: 8; Percent complete: 0.2%; Average loss: 3.8420

Iteration: 9; Percent complete: 0.2%; Average loss: 4.1434

Iteration: 10; Percent complete: 0.2%; Average loss: 4.4420

Iteration: 11; Percent complete: 0.3%; Average loss: 3.8052

Iteration: 12; Percent complete: 0.3%; Average loss: 3.6932

Iteration: 13; Percent complete: 0.3%; Average loss: 3.9530

Iteration: 14; Percent complete: 0.4%; Average loss: 3.8381

Iteration: 15; Percent complete: 0.4%; Average loss: 3.8958

Iteration: 16; Percent complete: 0.4%; Average loss: 4.3041

Iteration: 17; Percent complete: 0.4%; Average loss: 3.9954

Iteration: 18; Percent complete: 0.4%; Average loss: 3.5117

Iteration: 19; Percent complete: 0.5%; Average loss: 4.2081

Iteration: 20; Percent complete: 0.5%; Average loss: 3.8584

Iteration: 21; Percent complete: 0.5%; Average loss: 4.0619

Iteration: 22; Percent complete: 0.5%; Average loss: 3.8062

Iteration: 23; Percent complete: 0.6%; Average loss: 4.2525

Iteration: 24; Percent complete: 0.6%; Average loss: 3.7936

Iteration: 25; Percent complete: 0.6%; Average loss: 4.1255

Iteration: 26; Percent complete: 0.7%; Average loss: 3.9384

Iteration: 27; Percent complete: 0.7%; Average loss: 4.1583  
Iteration: 28; Percent complete: 0.7%; Average loss: 4.4896  
Iteration: 29; Percent complete: 0.7%; Average loss: 4.0693  
Iteration: 30; Percent complete: 0.8%; Average loss: 4.0610  
Iteration: 31; Percent complete: 0.8%; Average loss: 4.3433  
Iteration: 32; Percent complete: 0.8%; Average loss: 3.8577  
Iteration: 33; Percent complete: 0.8%; Average loss: 4.0173  
Iteration: 34; Percent complete: 0.9%; Average loss: 3.9476  
Iteration: 35; Percent complete: 0.9%; Average loss: 3.7960  
Iteration: 36; Percent complete: 0.9%; Average loss: 4.0216  
Iteration: 37; Percent complete: 0.9%; Average loss: 4.0889  
Iteration: 38; Percent complete: 0.9%; Average loss: 4.4370  
Iteration: 39; Percent complete: 1.0%; Average loss: 3.8912  
Iteration: 40; Percent complete: 1.0%; Average loss: 3.7468  
Iteration: 41; Percent complete: 1.0%; Average loss: 3.8136  
Iteration: 42; Percent complete: 1.1%; Average loss: 3.7176  
Iteration: 43; Percent complete: 1.1%; Average loss: 4.2057  
Iteration: 44; Percent complete: 1.1%; Average loss: 3.8622  
Iteration: 45; Percent complete: 1.1%; Average loss: 4.2599  
Iteration: 46; Percent complete: 1.1%; Average loss: 4.2312  
Iteration: 47; Percent complete: 1.2%; Average loss: 4.0616  
Iteration: 48; Percent complete: 1.2%; Average loss: 4.1339  
Iteration: 49; Percent complete: 1.2%; Average loss: 4.1743  
Iteration: 50; Percent complete: 1.2%; Average loss: 4.0074  
Iteration: 51; Percent complete: 1.3%; Average loss: 4.3863  
Iteration: 52; Percent complete: 1.3%; Average loss: 4.0364  
Iteration: 53; Percent complete: 1.3%; Average loss: 3.9245  
Iteration: 54; Percent complete: 1.4%; Average loss: 3.8442  
Iteration: 55; Percent complete: 1.4%; Average loss: 4.0347  
Iteration: 56; Percent complete: 1.4%; Average loss: 4.0892  
Iteration: 57; Percent complete: 1.4%; Average loss: 3.6918  
Iteration: 58; Percent complete: 1.5%; Average loss: 3.8906  
Iteration: 59; Percent complete: 1.5%; Average loss: 4.0171  
Iteration: 60; Percent complete: 1.5%; Average loss: 3.7268  
Iteration: 61; Percent complete: 1.5%; Average loss: 3.9941  
Iteration: 62; Percent complete: 1.6%; Average loss: 4.2401  
Iteration: 63; Percent complete: 1.6%; Average loss: 4.0836  
Iteration: 64; Percent complete: 1.6%; Average loss: 4.0264  
Iteration: 65; Percent complete: 1.6%; Average loss: 4.5175  
Iteration: 66; Percent complete: 1.7%; Average loss: 4.2239  
Iteration: 67; Percent complete: 1.7%; Average loss: 4.0771  
Iteration: 68; Percent complete: 1.7%; Average loss: 3.9030  
Iteration: 69; Percent complete: 1.7%; Average loss: 3.9201  
Iteration: 70; Percent complete: 1.8%; Average loss: 4.2115  
Iteration: 71; Percent complete: 1.8%; Average loss: 4.2439  
Iteration: 72; Percent complete: 1.8%; Average loss: 3.6291  
Iteration: 73; Percent complete: 1.8%; Average loss: 4.1065  
Iteration: 74; Percent complete: 1.8%; Average loss: 3.9570  
Iteration: 75; Percent complete: 1.9%; Average loss: 4.3454  
Iteration: 76; Percent complete: 1.9%; Average loss: 3.6489  
Iteration: 77; Percent complete: 1.9%; Average loss: 4.0892  
Iteration: 78; Percent complete: 1.9%; Average loss: 3.9143  
Iteration: 79; Percent complete: 2.0%; Average loss: 4.2736  
Iteration: 80; Percent complete: 2.0%; Average loss: 3.8311  
Iteration: 81; Percent complete: 2.0%; Average loss: 4.1970  
Iteration: 82; Percent complete: 2.1%; Average loss: 4.2260  
Iteration: 83; Percent complete: 2.1%; Average loss: 3.7118  
Iteration: 84; Percent complete: 2.1%; Average loss: 4.3553  
Iteration: 85; Percent complete: 2.1%; Average loss: 3.9468  
Iteration: 86; Percent complete: 2.1%; Average loss: 3.8737  
Iteration: 87; Percent complete: 2.2%; Average loss: 3.9477  
Iteration: 88; Percent complete: 2.2%; Average loss: 4.3270  
Iteration: 89; Percent complete: 2.2%; Average loss: 4.0524  
Iteration: 90; Percent complete: 2.2%; Average loss: 4.1729  
Iteration: 91; Percent complete: 2.3%; Average loss: 3.7464  
Iteration: 92; Percent complete: 2.3%; Average loss: 3.8842  
Iteration: 93; Percent complete: 2.3%; Average loss: 4.0596  
Iteration: 94; Percent complete: 2.4%; Average loss: 4.2416  
Iteration: 95; Percent complete: 2.4%; Average loss: 4.1436  
Iteration: 96; Percent complete: 2.4%; Average loss: 3.7854  
Iteration: 97; Percent complete: 2.4%; Average loss: 4.1699  
Iteration: 98; Percent complete: 2.5%; Average loss: 4.2333  
Iteration: 99; Percent complete: 2.5%; Average loss: 3.8180  
Iteration: 100; Percent complete: 2.5%; Average loss: 3.7039  
Iteration: 101; Percent complete: 2.5%; Average loss: 4.3001  
Iteration: 102; Percent complete: 2.5%; Average loss: 4.1908  
Iteration: 103; Percent complete: 2.6%; Average loss: 3.9906  
Iteration: 104; Percent complete: 2.6%; Average loss: 4.0712  
Iteration: 105; Percent complete: 2.6%; Average loss: 3.8417  
Iteration: 106; Percent complete: 2.6%; Average loss: 3.9926  
Iteration: 107; Percent complete: 2.7%; Average loss: 3.5129  
Iteration: 108; Percent complete: 2.7%; Average loss: 3.8834  
Iteration: 109; Percent complete: 2.7%; Average loss: 4.1373  
Iteration: 110; Percent complete: 2.8%; Average loss: 3.9557  
Iteration: 111; Percent complete: 2.8%; Average loss: 4.3843  
Iteration: 112; Percent complete: 2.8%; Average loss: 3.6446  
Iteration: 113; Percent complete: 2.8%; Average loss: 3.9555  
Iteration: 114; Percent complete: 2.9%; Average loss: 3.5654  
Iteration: 115; Percent complete: 2.9%; Average loss: 4.1062  
Iteration: 116; Percent complete: 2.9%; Average loss: 4.1593  
Iteration: 117; Percent complete: 2.9%; Average loss: 3.7554  
Iteration: 118; Percent complete: 2.9%; Average loss: 4.0659

Iteration: 118; Percent complete: 2.9%; Average loss: 4.0839  
Iteration: 119; Percent complete: 3.0%; Average loss: 3.8190  
Iteration: 120; Percent complete: 3.0%; Average loss: 4.1572  
Iteration: 121; Percent complete: 3.0%; Average loss: 4.0355  
Iteration: 122; Percent complete: 3.0%; Average loss: 4.3541  
Iteration: 123; Percent complete: 3.1%; Average loss: 4.0912  
Iteration: 124; Percent complete: 3.1%; Average loss: 4.5564  
Iteration: 125; Percent complete: 3.1%; Average loss: 4.0269  
Iteration: 126; Percent complete: 3.1%; Average loss: 3.8178  
Iteration: 127; Percent complete: 3.2%; Average loss: 4.0496  
Iteration: 128; Percent complete: 3.2%; Average loss: 3.9114  
Iteration: 129; Percent complete: 3.2%; Average loss: 4.2918  
Iteration: 130; Percent complete: 3.2%; Average loss: 4.0547  
Iteration: 131; Percent complete: 3.3%; Average loss: 4.3169  
Iteration: 132; Percent complete: 3.3%; Average loss: 3.8696  
Iteration: 133; Percent complete: 3.3%; Average loss: 4.5862  
Iteration: 134; Percent complete: 3.4%; Average loss: 3.9640  
Iteration: 135; Percent complete: 3.4%; Average loss: 4.2414  
Iteration: 136; Percent complete: 3.4%; Average loss: 4.3440  
Iteration: 137; Percent complete: 3.4%; Average loss: 4.1660  
Iteration: 138; Percent complete: 3.5%; Average loss: 4.4955  
Iteration: 139; Percent complete: 3.5%; Average loss: 4.3775  
Iteration: 140; Percent complete: 3.5%; Average loss: 4.2744  
Iteration: 141; Percent complete: 3.5%; Average loss: 4.0920  
Iteration: 142; Percent complete: 3.5%; Average loss: 4.1354  
Iteration: 143; Percent complete: 3.6%; Average loss: 3.9851  
Iteration: 144; Percent complete: 3.6%; Average loss: 3.7225  
Iteration: 145; Percent complete: 3.6%; Average loss: 3.7334  
Iteration: 146; Percent complete: 3.6%; Average loss: 3.7959  
Iteration: 147; Percent complete: 3.7%; Average loss: 3.7858  
Iteration: 148; Percent complete: 3.7%; Average loss: 4.3540  
Iteration: 149; Percent complete: 3.7%; Average loss: 4.0719  
Iteration: 150; Percent complete: 3.8%; Average loss: 3.4866  
Iteration: 151; Percent complete: 3.8%; Average loss: 4.0044  
Iteration: 152; Percent complete: 3.8%; Average loss: 3.9336  
Iteration: 153; Percent complete: 3.8%; Average loss: 3.8366  
Iteration: 154; Percent complete: 3.9%; Average loss: 4.1370  
Iteration: 155; Percent complete: 3.9%; Average loss: 4.0907  
Iteration: 156; Percent complete: 3.9%; Average loss: 3.9979  
Iteration: 157; Percent complete: 3.9%; Average loss: 4.1583  
Iteration: 158; Percent complete: 4.0%; Average loss: 4.3252  
Iteration: 159; Percent complete: 4.0%; Average loss: 3.8994  
Iteration: 160; Percent complete: 4.0%; Average loss: 4.2315  
Iteration: 161; Percent complete: 4.0%; Average loss: 3.5600  
Iteration: 162; Percent complete: 4.0%; Average loss: 3.8232  
Iteration: 163; Percent complete: 4.1%; Average loss: 3.6136  
Iteration: 164; Percent complete: 4.1%; Average loss: 4.2025  
Iteration: 165; Percent complete: 4.1%; Average loss: 4.2694  
Iteration: 166; Percent complete: 4.2%; Average loss: 3.9210  
Iteration: 167; Percent complete: 4.2%; Average loss: 4.0714  
Iteration: 168; Percent complete: 4.2%; Average loss: 4.1451  
Iteration: 169; Percent complete: 4.2%; Average loss: 4.1321  
Iteration: 170; Percent complete: 4.2%; Average loss: 3.9111  
Iteration: 171; Percent complete: 4.3%; Average loss: 4.1009  
Iteration: 172; Percent complete: 4.3%; Average loss: 3.9012  
Iteration: 173; Percent complete: 4.3%; Average loss: 3.8336  
Iteration: 174; Percent complete: 4.3%; Average loss: 3.9695  
Iteration: 175; Percent complete: 4.4%; Average loss: 4.0199  
Iteration: 176; Percent complete: 4.4%; Average loss: 4.0654  
Iteration: 177; Percent complete: 4.4%; Average loss: 3.9150  
Iteration: 178; Percent complete: 4.5%; Average loss: 4.1151  
Iteration: 179; Percent complete: 4.5%; Average loss: 3.9341  
Iteration: 180; Percent complete: 4.5%; Average loss: 3.6820  
Iteration: 181; Percent complete: 4.5%; Average loss: 3.6324  
Iteration: 182; Percent complete: 4.5%; Average loss: 3.7272  
Iteration: 183; Percent complete: 4.6%; Average loss: 4.1467  
Iteration: 184; Percent complete: 4.6%; Average loss: 4.1886  
Iteration: 185; Percent complete: 4.6%; Average loss: 4.2827  
Iteration: 186; Percent complete: 4.7%; Average loss: 3.9000  
Iteration: 187; Percent complete: 4.7%; Average loss: 4.0054  
Iteration: 188; Percent complete: 4.7%; Average loss: 4.0034  
Iteration: 189; Percent complete: 4.7%; Average loss: 3.9720  
Iteration: 190; Percent complete: 4.8%; Average loss: 4.1211  
Iteration: 191; Percent complete: 4.8%; Average loss: 4.0848  
Iteration: 192; Percent complete: 4.8%; Average loss: 3.8422  
Iteration: 193; Percent complete: 4.8%; Average loss: 3.7921  
Iteration: 194; Percent complete: 4.9%; Average loss: 4.0106  
Iteration: 195; Percent complete: 4.9%; Average loss: 3.6836  
Iteration: 196; Percent complete: 4.9%; Average loss: 3.8082  
Iteration: 197; Percent complete: 4.9%; Average loss: 4.0357  
Iteration: 198; Percent complete: 5.0%; Average loss: 3.6549  
Iteration: 199; Percent complete: 5.0%; Average loss: 3.8100  
Iteration: 200; Percent complete: 5.0%; Average loss: 3.9012  
Iteration: 201; Percent complete: 5.0%; Average loss: 3.8239  
Iteration: 202; Percent complete: 5.1%; Average loss: 4.1138  
Iteration: 203; Percent complete: 5.1%; Average loss: 3.7202  
Iteration: 204; Percent complete: 5.1%; Average loss: 3.9796  
Iteration: 205; Percent complete: 5.1%; Average loss: 3.9205  
Iteration: 206; Percent complete: 5.1%; Average loss: 4.0645  
Iteration: 207; Percent complete: 5.2%; Average loss: 4.2410  
Iteration: 208; Percent complete: 5.2%; Average loss: 4.0860  
Iteration: 209; Percent complete: 5.2%; Average loss: 4.1304



Iteration: 210; Percent complete: 5.2%; Average loss: 4.2462  
Iteration: 211; Percent complete: 5.3%; Average loss: 4.0006  
Iteration: 212; Percent complete: 5.3%; Average loss: 4.2492  
Iteration: 213; Percent complete: 5.3%; Average loss: 4.2528  
Iteration: 214; Percent complete: 5.3%; Average loss: 3.6522  
Iteration: 215; Percent complete: 5.4%; Average loss: 3.7324  
Iteration: 216; Percent complete: 5.4%; Average loss: 3.8425  
Iteration: 217; Percent complete: 5.4%; Average loss: 3.9949  
Iteration: 218; Percent complete: 5.5%; Average loss: 3.4436  
Iteration: 219; Percent complete: 5.5%; Average loss: 4.2274  
Iteration: 220; Percent complete: 5.5%; Average loss: 3.8257  
Iteration: 221; Percent complete: 5.5%; Average loss: 3.7702  
Iteration: 222; Percent complete: 5.5%; Average loss: 4.0581  
Iteration: 223; Percent complete: 5.6%; Average loss: 4.0850  
Iteration: 224; Percent complete: 5.6%; Average loss: 3.6824  
Iteration: 225; Percent complete: 5.6%; Average loss: 4.2140  
Iteration: 226; Percent complete: 5.7%; Average loss: 4.0212  
Iteration: 227; Percent complete: 5.7%; Average loss: 3.7364  
Iteration: 228; Percent complete: 5.7%; Average loss: 3.8087  
Iteration: 229; Percent complete: 5.7%; Average loss: 3.7407  
Iteration: 230; Percent complete: 5.8%; Average loss: 3.6703  
Iteration: 231; Percent complete: 5.8%; Average loss: 3.9536  
Iteration: 232; Percent complete: 5.8%; Average loss: 4.1386  
Iteration: 233; Percent complete: 5.8%; Average loss: 4.2431  
Iteration: 234; Percent complete: 5.9%; Average loss: 4.1004  
Iteration: 235; Percent complete: 5.9%; Average loss: 4.1652  
Iteration: 236; Percent complete: 5.9%; Average loss: 3.8866  
Iteration: 237; Percent complete: 5.9%; Average loss: 4.1009  
Iteration: 238; Percent complete: 5.9%; Average loss: 3.5955  
Iteration: 239; Percent complete: 6.0%; Average loss: 4.2137  
Iteration: 240; Percent complete: 6.0%; Average loss: 3.7761  
Iteration: 241; Percent complete: 6.0%; Average loss: 4.2888  
Iteration: 242; Percent complete: 6.0%; Average loss: 3.6073  
Iteration: 243; Percent complete: 6.1%; Average loss: 3.9096  
Iteration: 244; Percent complete: 6.1%; Average loss: 3.8284  
Iteration: 245; Percent complete: 6.1%; Average loss: 3.7996  
Iteration: 246; Percent complete: 6.2%; Average loss: 3.8616  
Iteration: 247; Percent complete: 6.2%; Average loss: 3.6538  
Iteration: 248; Percent complete: 6.2%; Average loss: 3.9282  
Iteration: 249; Percent complete: 6.2%; Average loss: 3.9403  
Iteration: 250; Percent complete: 6.2%; Average loss: 4.0903  
Iteration: 251; Percent complete: 6.3%; Average loss: 4.2875  
Iteration: 252; Percent complete: 6.3%; Average loss: 4.0589  
Iteration: 253; Percent complete: 6.3%; Average loss: 3.8325  
Iteration: 254; Percent complete: 6.3%; Average loss: 4.2418  
Iteration: 255; Percent complete: 6.4%; Average loss: 4.0776  
Iteration: 256; Percent complete: 6.4%; Average loss: 3.9618  
Iteration: 257; Percent complete: 6.4%; Average loss: 3.6206  
Iteration: 258; Percent complete: 6.5%; Average loss: 3.6990  
Iteration: 259; Percent complete: 6.5%; Average loss: 3.8284  
Iteration: 260; Percent complete: 6.5%; Average loss: 3.7013  
Iteration: 261; Percent complete: 6.5%; Average loss: 3.8753  
Iteration: 262; Percent complete: 6.6%; Average loss: 3.6336  
Iteration: 263; Percent complete: 6.6%; Average loss: 4.5140  
Iteration: 264; Percent complete: 6.6%; Average loss: 4.4146  
Iteration: 265; Percent complete: 6.6%; Average loss: 3.9453  
Iteration: 266; Percent complete: 6.7%; Average loss: 4.1993  
Iteration: 267; Percent complete: 6.7%; Average loss: 4.0116  
Iteration: 268; Percent complete: 6.7%; Average loss: 4.2063  
Iteration: 269; Percent complete: 6.7%; Average loss: 3.8002  
Iteration: 270; Percent complete: 6.8%; Average loss: 3.7032  
Iteration: 271; Percent complete: 6.8%; Average loss: 4.0988  
Iteration: 272; Percent complete: 6.8%; Average loss: 4.0783  
Iteration: 273; Percent complete: 6.8%; Average loss: 4.1371  
Iteration: 274; Percent complete: 6.9%; Average loss: 4.2357  
Iteration: 275; Percent complete: 6.9%; Average loss: 3.6668  
Iteration: 276; Percent complete: 6.9%; Average loss: 3.8905  
Iteration: 277; Percent complete: 6.9%; Average loss: 4.4479  
Iteration: 278; Percent complete: 7.0%; Average loss: 4.2227  
Iteration: 279; Percent complete: 7.0%; Average loss: 3.5877  
Iteration: 280; Percent complete: 7.0%; Average loss: 4.3420  
Iteration: 281; Percent complete: 7.0%; Average loss: 4.2354  
Iteration: 282; Percent complete: 7.0%; Average loss: 4.2555  
Iteration: 283; Percent complete: 7.1%; Average loss: 3.6976  
Iteration: 284; Percent complete: 7.1%; Average loss: 3.6710  
Iteration: 285; Percent complete: 7.1%; Average loss: 4.2139  
Iteration: 286; Percent complete: 7.1%; Average loss: 3.7325  
Iteration: 287; Percent complete: 7.2%; Average loss: 4.1226  
Iteration: 288; Percent complete: 7.2%; Average loss: 4.1247  
Iteration: 289; Percent complete: 7.2%; Average loss: 3.7897  
Iteration: 290; Percent complete: 7.2%; Average loss: 4.0871  
Iteration: 291; Percent complete: 7.3%; Average loss: 4.3620  
Iteration: 292; Percent complete: 7.3%; Average loss: 3.9698  
Iteration: 293; Percent complete: 7.3%; Average loss: 3.9608  
Iteration: 294; Percent complete: 7.3%; Average loss: 3.8220  
Iteration: 295; Percent complete: 7.4%; Average loss: 4.1719  
Iteration: 296; Percent complete: 7.4%; Average loss: 3.7632  
Iteration: 297; Percent complete: 7.4%; Average loss: 3.6886  
Iteration: 298; Percent complete: 7.4%; Average loss: 3.5623  
Iteration: 299; Percent complete: 7.5%; Average loss: 4.0080  
Iteration: 300; Percent complete: 7.5%; Average loss: 3.8433

Iteration: 301; Percent complete: 7.5%; Average loss: 3.5575  
Iteration: 302; Percent complete: 7.5%; Average loss: 4.3798  
Iteration: 303; Percent complete: 7.6%; Average loss: 4.0499  
Iteration: 304; Percent complete: 7.6%; Average loss: 4.2500  
Iteration: 305; Percent complete: 7.6%; Average loss: 3.9935  
Iteration: 306; Percent complete: 7.6%; Average loss: 4.1364  
Iteration: 307; Percent complete: 7.7%; Average loss: 4.3093  
Iteration: 308; Percent complete: 7.7%; Average loss: 4.3008  
Iteration: 309; Percent complete: 7.7%; Average loss: 3.8582  
Iteration: 310; Percent complete: 7.8%; Average loss: 3.8725  
Iteration: 311; Percent complete: 7.8%; Average loss: 4.6081  
Iteration: 312; Percent complete: 7.8%; Average loss: 3.8110  
Iteration: 313; Percent complete: 7.8%; Average loss: 4.0800  
Iteration: 314; Percent complete: 7.8%; Average loss: 3.7070  
Iteration: 315; Percent complete: 7.9%; Average loss: 3.8189  
Iteration: 316; Percent complete: 7.9%; Average loss: 3.8664  
Iteration: 317; Percent complete: 7.9%; Average loss: 4.3120  
Iteration: 318; Percent complete: 8.0%; Average loss: 4.2222  
Iteration: 319; Percent complete: 8.0%; Average loss: 4.2736  
Iteration: 320; Percent complete: 8.0%; Average loss: 4.0776  
Iteration: 321; Percent complete: 8.0%; Average loss: 4.0076  
Iteration: 322; Percent complete: 8.1%; Average loss: 4.2768  
Iteration: 323; Percent complete: 8.1%; Average loss: 3.6956  
Iteration: 324; Percent complete: 8.1%; Average loss: 4.2994  
Iteration: 325; Percent complete: 8.1%; Average loss: 3.9702  
Iteration: 326; Percent complete: 8.2%; Average loss: 4.2424  
Iteration: 327; Percent complete: 8.2%; Average loss: 4.0987  
Iteration: 328; Percent complete: 8.2%; Average loss: 4.4470  
Iteration: 329; Percent complete: 8.2%; Average loss: 3.8771  
Iteration: 330; Percent complete: 8.2%; Average loss: 4.0586  
Iteration: 331; Percent complete: 8.3%; Average loss: 3.6387  
Iteration: 332; Percent complete: 8.3%; Average loss: 3.7482  
Iteration: 333; Percent complete: 8.3%; Average loss: 4.2811  
Iteration: 334; Percent complete: 8.3%; Average loss: 4.4290  
Iteration: 335; Percent complete: 8.4%; Average loss: 3.9004  
Iteration: 336; Percent complete: 8.4%; Average loss: 3.8426  
Iteration: 337; Percent complete: 8.4%; Average loss: 3.7224  
Iteration: 338; Percent complete: 8.5%; Average loss: 3.8222  
Iteration: 339; Percent complete: 8.5%; Average loss: 4.0177  
Iteration: 340; Percent complete: 8.5%; Average loss: 3.9425  
Iteration: 341; Percent complete: 8.5%; Average loss: 4.0094  
Iteration: 342; Percent complete: 8.6%; Average loss: 3.4981  
Iteration: 343; Percent complete: 8.6%; Average loss: 3.8595  
Iteration: 344; Percent complete: 8.6%; Average loss: 3.8883  
Iteration: 345; Percent complete: 8.6%; Average loss: 3.8508  
Iteration: 346; Percent complete: 8.6%; Average loss: 3.8377  
Iteration: 347; Percent complete: 8.7%; Average loss: 3.8409  
Iteration: 348; Percent complete: 8.7%; Average loss: 3.9651  
Iteration: 349; Percent complete: 8.7%; Average loss: 3.9748  
Iteration: 350; Percent complete: 8.8%; Average loss: 4.1384  
Iteration: 351; Percent complete: 8.8%; Average loss: 3.9590  
Iteration: 352; Percent complete: 8.8%; Average loss: 4.2057  
Iteration: 353; Percent complete: 8.8%; Average loss: 3.8201  
Iteration: 354; Percent complete: 8.8%; Average loss: 4.2268  
Iteration: 355; Percent complete: 8.9%; Average loss: 3.9947  
Iteration: 356; Percent complete: 8.9%; Average loss: 3.4731  
Iteration: 357; Percent complete: 8.9%; Average loss: 3.8726  
Iteration: 358; Percent complete: 8.9%; Average loss: 3.7859  
Iteration: 359; Percent complete: 9.0%; Average loss: 4.0162  
Iteration: 360; Percent complete: 9.0%; Average loss: 3.6309  
Iteration: 361; Percent complete: 9.0%; Average loss: 4.0311  
Iteration: 362; Percent complete: 9.0%; Average loss: 3.8640  
Iteration: 363; Percent complete: 9.1%; Average loss: 4.3764  
Iteration: 364; Percent complete: 9.1%; Average loss: 4.1077  
Iteration: 365; Percent complete: 9.1%; Average loss: 3.9400  
Iteration: 366; Percent complete: 9.2%; Average loss: 4.4032  
Iteration: 367; Percent complete: 9.2%; Average loss: 3.8433  
Iteration: 368; Percent complete: 9.2%; Average loss: 3.8049  
Iteration: 369; Percent complete: 9.2%; Average loss: 4.1290  
Iteration: 370; Percent complete: 9.2%; Average loss: 3.8778  
Iteration: 371; Percent complete: 9.3%; Average loss: 3.9619  
Iteration: 372; Percent complete: 9.3%; Average loss: 3.9001  
Iteration: 373; Percent complete: 9.3%; Average loss: 4.2091  
Iteration: 374; Percent complete: 9.3%; Average loss: 4.5771  
Iteration: 375; Percent complete: 9.4%; Average loss: 4.1004  
Iteration: 376; Percent complete: 9.4%; Average loss: 4.1937  
Iteration: 377; Percent complete: 9.4%; Average loss: 3.5819  
Iteration: 378; Percent complete: 9.4%; Average loss: 3.7306  
Iteration: 379; Percent complete: 9.5%; Average loss: 3.8629  
Iteration: 380; Percent complete: 9.5%; Average loss: 4.0154  
Iteration: 381; Percent complete: 9.5%; Average loss: 4.0775  
Iteration: 382; Percent complete: 9.6%; Average loss: 3.9275  
Iteration: 383; Percent complete: 9.6%; Average loss: 4.4573  
Iteration: 384; Percent complete: 9.6%; Average loss: 3.5977  
Iteration: 385; Percent complete: 9.6%; Average loss: 3.9382  
Iteration: 386; Percent complete: 9.7%; Average loss: 3.5445  
Iteration: 387; Percent complete: 9.7%; Average loss: 3.6169  
Iteration: 388; Percent complete: 9.7%; Average loss: 3.6492  
Iteration: 389; Percent complete: 9.7%; Average loss: 3.5929  
Iteration: 390; Percent complete: 9.8%; Average loss: 4.1241  
Iteration: 391; Percent complete: 9.8%; Average loss: 3.7519  
Iteration: 392; Percent complete: 9.8%; Average loss: 3.8212  
Iteration: 393; Percent complete: 9.8%; Average loss: 3.8212

Iteration: 392; Percent complete: 9.8%; Average loss: 3.8610  
Iteration: 393; Percent complete: 9.8%; Average loss: 3.7675  
Iteration: 394; Percent complete: 9.8%; Average loss: 3.8624  
Iteration: 395; Percent complete: 9.9%; Average loss: 3.8988  
Iteration: 396; Percent complete: 9.9%; Average loss: 3.8440  
Iteration: 397; Percent complete: 9.9%; Average loss: 3.9641  
Iteration: 398; Percent complete: 10.0%; Average loss: 4.3277  
Iteration: 399; Percent complete: 10.0%; Average loss: 3.9973  
Iteration: 400; Percent complete: 10.0%; Average loss: 4.1521  
Iteration: 401; Percent complete: 10.0%; Average loss: 4.3245  
Iteration: 402; Percent complete: 10.1%; Average loss: 3.6062  
Iteration: 403; Percent complete: 10.1%; Average loss: 4.0468  
Iteration: 404; Percent complete: 10.1%; Average loss: 4.3289  
Iteration: 405; Percent complete: 10.1%; Average loss: 3.6874  
Iteration: 406; Percent complete: 10.2%; Average loss: 4.0107  
Iteration: 407; Percent complete: 10.2%; Average loss: 3.5465  
Iteration: 408; Percent complete: 10.2%; Average loss: 3.8499  
Iteration: 409; Percent complete: 10.2%; Average loss: 3.9727  
Iteration: 410; Percent complete: 10.2%; Average loss: 3.5523  
Iteration: 411; Percent complete: 10.3%; Average loss: 3.7205  
Iteration: 412; Percent complete: 10.3%; Average loss: 3.9547  
Iteration: 413; Percent complete: 10.3%; Average loss: 4.1600  
Iteration: 414; Percent complete: 10.3%; Average loss: 3.7690  
Iteration: 415; Percent complete: 10.4%; Average loss: 4.2798  
Iteration: 416; Percent complete: 10.4%; Average loss: 3.9673  
Iteration: 417; Percent complete: 10.4%; Average loss: 3.6034  
Iteration: 418; Percent complete: 10.4%; Average loss: 4.0031  
Iteration: 419; Percent complete: 10.5%; Average loss: 3.9152  
Iteration: 420; Percent complete: 10.5%; Average loss: 4.0835  
Iteration: 421; Percent complete: 10.5%; Average loss: 4.4586  
Iteration: 422; Percent complete: 10.5%; Average loss: 3.8719  
Iteration: 423; Percent complete: 10.6%; Average loss: 4.0756  
Iteration: 424; Percent complete: 10.6%; Average loss: 4.2066  
Iteration: 425; Percent complete: 10.6%; Average loss: 3.9621  
Iteration: 426; Percent complete: 10.7%; Average loss: 3.8714  
Iteration: 427; Percent complete: 10.7%; Average loss: 3.9130  
Iteration: 428; Percent complete: 10.7%; Average loss: 3.9467  
Iteration: 429; Percent complete: 10.7%; Average loss: 4.2650  
Iteration: 430; Percent complete: 10.8%; Average loss: 3.7366  
Iteration: 431; Percent complete: 10.8%; Average loss: 3.6366  
Iteration: 432; Percent complete: 10.8%; Average loss: 3.7740  
Iteration: 433; Percent complete: 10.8%; Average loss: 4.0104  
Iteration: 434; Percent complete: 10.8%; Average loss: 3.7795  
Iteration: 435; Percent complete: 10.9%; Average loss: 3.9598  
Iteration: 436; Percent complete: 10.9%; Average loss: 3.7870  
Iteration: 437; Percent complete: 10.9%; Average loss: 4.3913  
Iteration: 438; Percent complete: 10.9%; Average loss: 3.8338  
Iteration: 439; Percent complete: 11.0%; Average loss: 4.1584  
Iteration: 440; Percent complete: 11.0%; Average loss: 4.1374  
Iteration: 441; Percent complete: 11.0%; Average loss: 3.8001  
Iteration: 442; Percent complete: 11.1%; Average loss: 3.8170  
Iteration: 443; Percent complete: 11.1%; Average loss: 4.0371  
Iteration: 444; Percent complete: 11.1%; Average loss: 4.1746  
Iteration: 445; Percent complete: 11.1%; Average loss: 3.8043  
Iteration: 446; Percent complete: 11.2%; Average loss: 4.0094  
Iteration: 447; Percent complete: 11.2%; Average loss: 3.6801  
Iteration: 448; Percent complete: 11.2%; Average loss: 3.7737  
Iteration: 449; Percent complete: 11.2%; Average loss: 4.1568  
Iteration: 450; Percent complete: 11.2%; Average loss: 4.3409  
Iteration: 451; Percent complete: 11.3%; Average loss: 3.7239  
Iteration: 452; Percent complete: 11.3%; Average loss: 3.6330  
Iteration: 453; Percent complete: 11.3%; Average loss: 4.2279  
Iteration: 454; Percent complete: 11.3%; Average loss: 3.6294  
Iteration: 455; Percent complete: 11.4%; Average loss: 3.6308  
Iteration: 456; Percent complete: 11.4%; Average loss: 3.7839  
Iteration: 457; Percent complete: 11.4%; Average loss: 3.9341  
Iteration: 458; Percent complete: 11.5%; Average loss: 3.9656  
Iteration: 459; Percent complete: 11.5%; Average loss: 3.7319  
Iteration: 460; Percent complete: 11.5%; Average loss: 3.7423  
Iteration: 461; Percent complete: 11.5%; Average loss: 4.2438  
Iteration: 462; Percent complete: 11.6%; Average loss: 3.6428  
Iteration: 463; Percent complete: 11.6%; Average loss: 3.8302  
Iteration: 464; Percent complete: 11.6%; Average loss: 3.8954  
Iteration: 465; Percent complete: 11.6%; Average loss: 3.7715  
Iteration: 466; Percent complete: 11.7%; Average loss: 3.8487  
Iteration: 467; Percent complete: 11.7%; Average loss: 3.1483  
Iteration: 468; Percent complete: 11.7%; Average loss: 3.8382  
Iteration: 469; Percent complete: 11.7%; Average loss: 3.7856  
Iteration: 470; Percent complete: 11.8%; Average loss: 4.2316  
Iteration: 471; Percent complete: 11.8%; Average loss: 3.7773  
Iteration: 472; Percent complete: 11.8%; Average loss: 3.8486  
Iteration: 473; Percent complete: 11.8%; Average loss: 4.3208  
Iteration: 474; Percent complete: 11.8%; Average loss: 3.7086  
Iteration: 475; Percent complete: 11.9%; Average loss: 3.8112  
Iteration: 476; Percent complete: 11.9%; Average loss: 4.1957  
Iteration: 477; Percent complete: 11.9%; Average loss: 3.7319  
Iteration: 478; Percent complete: 11.9%; Average loss: 3.9593  
Iteration: 479; Percent complete: 12.0%; Average loss: 3.5393  
Iteration: 480; Percent complete: 12.0%; Average loss: 3.8387  
Iteration: 481; Percent complete: 12.0%; Average loss: 3.8430  
Iteration: 482; Percent complete: 12.0%; Average loss: 4.3512  
Iteration: 483; Percent complete: 12.1%; Average loss: 4.3378

Iteration: 483; Percent complete: 12.1%; Average loss: 4.3578  
Iteration: 484; Percent complete: 12.1%; Average loss: 4.2016  
Iteration: 485; Percent complete: 12.1%; Average loss: 3.9097  
Iteration: 486; Percent complete: 12.2%; Average loss: 4.1371  
Iteration: 487; Percent complete: 12.2%; Average loss: 4.0374  
Iteration: 488; Percent complete: 12.2%; Average loss: 4.1427  
Iteration: 489; Percent complete: 12.2%; Average loss: 4.3461  
Iteration: 490; Percent complete: 12.2%; Average loss: 3.7703  
Iteration: 491; Percent complete: 12.3%; Average loss: 3.8578  
Iteration: 492; Percent complete: 12.3%; Average loss: 4.1885  
Iteration: 493; Percent complete: 12.3%; Average loss: 4.2050  
Iteration: 494; Percent complete: 12.3%; Average loss: 3.9568  
Iteration: 495; Percent complete: 12.4%; Average loss: 3.6652  
Iteration: 496; Percent complete: 12.4%; Average loss: 4.0845  
Iteration: 497; Percent complete: 12.4%; Average loss: 3.7993  
Iteration: 498; Percent complete: 12.4%; Average loss: 3.8084  
Iteration: 499; Percent complete: 12.5%; Average loss: 3.7932  
Iteration: 500; Percent complete: 12.5%; Average loss: 3.9190  
Iteration: 501; Percent complete: 12.5%; Average loss: 4.1756  
Iteration: 502; Percent complete: 12.6%; Average loss: 3.8773  
Iteration: 503; Percent complete: 12.6%; Average loss: 4.3119  
Iteration: 504; Percent complete: 12.6%; Average loss: 3.4350  
Iteration: 505; Percent complete: 12.6%; Average loss: 3.9251  
Iteration: 506; Percent complete: 12.7%; Average loss: 4.1876  
Iteration: 507; Percent complete: 12.7%; Average loss: 3.9751  
Iteration: 508; Percent complete: 12.7%; Average loss: 4.1720  
Iteration: 509; Percent complete: 12.7%; Average loss: 3.5640  
Iteration: 510; Percent complete: 12.8%; Average loss: 3.8371  
Iteration: 511; Percent complete: 12.8%; Average loss: 3.8043  
Iteration: 512; Percent complete: 12.8%; Average loss: 4.4842  
Iteration: 513; Percent complete: 12.8%; Average loss: 4.2872  
Iteration: 514; Percent complete: 12.8%; Average loss: 4.0402  
Iteration: 515; Percent complete: 12.9%; Average loss: 4.0492  
Iteration: 516; Percent complete: 12.9%; Average loss: 4.3242  
Iteration: 517; Percent complete: 12.9%; Average loss: 3.6029  
Iteration: 518; Percent complete: 13.0%; Average loss: 4.3197  
Iteration: 519; Percent complete: 13.0%; Average loss: 3.5857  
Iteration: 520; Percent complete: 13.0%; Average loss: 4.0981  
Iteration: 521; Percent complete: 13.0%; Average loss: 3.7522  
Iteration: 522; Percent complete: 13.1%; Average loss: 3.7833  
Iteration: 523; Percent complete: 13.1%; Average loss: 3.7045  
Iteration: 524; Percent complete: 13.1%; Average loss: 4.0895  
Iteration: 525; Percent complete: 13.1%; Average loss: 4.0643  
Iteration: 526; Percent complete: 13.2%; Average loss: 4.0595  
Iteration: 527; Percent complete: 13.2%; Average loss: 3.9491  
Iteration: 528; Percent complete: 13.2%; Average loss: 4.4641  
Iteration: 529; Percent complete: 13.2%; Average loss: 4.3233  
Iteration: 530; Percent complete: 13.2%; Average loss: 4.2869  
Iteration: 531; Percent complete: 13.3%; Average loss: 4.2546  
Iteration: 532; Percent complete: 13.3%; Average loss: 4.0434  
Iteration: 533; Percent complete: 13.3%; Average loss: 4.0042  
Iteration: 534; Percent complete: 13.4%; Average loss: 3.4750  
Iteration: 535; Percent complete: 13.4%; Average loss: 3.7318  
Iteration: 536; Percent complete: 13.4%; Average loss: 4.2486  
Iteration: 537; Percent complete: 13.4%; Average loss: 3.9994  
Iteration: 538; Percent complete: 13.5%; Average loss: 3.8111  
Iteration: 539; Percent complete: 13.5%; Average loss: 4.4415  
Iteration: 540; Percent complete: 13.5%; Average loss: 3.9830  
Iteration: 541; Percent complete: 13.5%; Average loss: 4.0165  
Iteration: 542; Percent complete: 13.6%; Average loss: 3.9385  
Iteration: 543; Percent complete: 13.6%; Average loss: 4.0755  
Iteration: 544; Percent complete: 13.6%; Average loss: 3.5380  
Iteration: 545; Percent complete: 13.6%; Average loss: 3.8263  
Iteration: 546; Percent complete: 13.7%; Average loss: 3.6018  
Iteration: 547; Percent complete: 13.7%; Average loss: 3.9444  
Iteration: 548; Percent complete: 13.7%; Average loss: 3.7554  
Iteration: 549; Percent complete: 13.7%; Average loss: 3.8251  
Iteration: 550; Percent complete: 13.8%; Average loss: 4.2136  
Iteration: 551; Percent complete: 13.8%; Average loss: 4.2414  
Iteration: 552; Percent complete: 13.8%; Average loss: 4.2941  
Iteration: 553; Percent complete: 13.8%; Average loss: 4.5600  
Iteration: 554; Percent complete: 13.9%; Average loss: 3.9946  
Iteration: 555; Percent complete: 13.9%; Average loss: 3.8361  
Iteration: 556; Percent complete: 13.9%; Average loss: 4.4081  
Iteration: 557; Percent complete: 13.9%; Average loss: 4.3859  
Iteration: 558; Percent complete: 14.0%; Average loss: 3.6400  
Iteration: 559; Percent complete: 14.0%; Average loss: 4.4313  
Iteration: 560; Percent complete: 14.0%; Average loss: 3.8565  
Iteration: 561; Percent complete: 14.0%; Average loss: 3.8500  
Iteration: 562; Percent complete: 14.1%; Average loss: 4.2352  
Iteration: 563; Percent complete: 14.1%; Average loss: 3.9633  
Iteration: 564; Percent complete: 14.1%; Average loss: 3.9810  
Iteration: 565; Percent complete: 14.1%; Average loss: 3.8422  
Iteration: 566; Percent complete: 14.1%; Average loss: 3.8534  
Iteration: 567; Percent complete: 14.2%; Average loss: 3.8118  
Iteration: 568; Percent complete: 14.2%; Average loss: 4.4786  
Iteration: 569; Percent complete: 14.2%; Average loss: 4.0606  
Iteration: 570; Percent complete: 14.2%; Average loss: 3.7516  
Iteration: 571; Percent complete: 14.3%; Average loss: 3.6123  
Iteration: 572; Percent complete: 14.3%; Average loss: 3.8201  
Iteration: 573; Percent complete: 14.3%; Average loss: 4.0650  
Iteration: 574; Percent complete: 14.3%; Average loss: 4.0396

Iteration: 575; Percent complete: 14.4%; Average loss: 4.0345  
Iteration: 576; Percent complete: 14.4%; Average loss: 4.2358  
Iteration: 577; Percent complete: 14.4%; Average loss: 4.1439  
Iteration: 578; Percent complete: 14.4%; Average loss: 4.1003  
Iteration: 579; Percent complete: 14.5%; Average loss: 3.5749  
Iteration: 580; Percent complete: 14.5%; Average loss: 3.5162  
Iteration: 581; Percent complete: 14.5%; Average loss: 3.5645  
Iteration: 582; Percent complete: 14.5%; Average loss: 4.2285  
Iteration: 583; Percent complete: 14.6%; Average loss: 4.0929  
Iteration: 584; Percent complete: 14.6%; Average loss: 3.9421  
Iteration: 585; Percent complete: 14.6%; Average loss: 4.1688  
Iteration: 586; Percent complete: 14.6%; Average loss: 3.9096  
Iteration: 587; Percent complete: 14.7%; Average loss: 3.9547  
Iteration: 588; Percent complete: 14.7%; Average loss: 3.9727  
Iteration: 589; Percent complete: 14.7%; Average loss: 4.0649  
Iteration: 590; Percent complete: 14.8%; Average loss: 3.5836  
Iteration: 591; Percent complete: 14.8%; Average loss: 4.0848  
Iteration: 592; Percent complete: 14.8%; Average loss: 3.5495  
Iteration: 593; Percent complete: 14.8%; Average loss: 3.5855  
Iteration: 594; Percent complete: 14.8%; Average loss: 3.8687  
Iteration: 595; Percent complete: 14.9%; Average loss: 4.1385  
Iteration: 596; Percent complete: 14.9%; Average loss: 3.8835  
Iteration: 597; Percent complete: 14.9%; Average loss: 4.7663  
Iteration: 598; Percent complete: 14.9%; Average loss: 3.6839  
Iteration: 599; Percent complete: 15.0%; Average loss: 4.0972  
Iteration: 600; Percent complete: 15.0%; Average loss: 3.6160  
Iteration: 601; Percent complete: 15.0%; Average loss: 3.8276  
Iteration: 602; Percent complete: 15.0%; Average loss: 3.8025  
Iteration: 603; Percent complete: 15.1%; Average loss: 4.1291  
Iteration: 604; Percent complete: 15.1%; Average loss: 3.8083  
Iteration: 605; Percent complete: 15.1%; Average loss: 3.8293  
Iteration: 606; Percent complete: 15.2%; Average loss: 3.8392  
Iteration: 607; Percent complete: 15.2%; Average loss: 3.9186  
Iteration: 608; Percent complete: 15.2%; Average loss: 3.9407  
Iteration: 609; Percent complete: 15.2%; Average loss: 3.8375  
Iteration: 610; Percent complete: 15.2%; Average loss: 4.1741  
Iteration: 611; Percent complete: 15.3%; Average loss: 3.7221  
Iteration: 612; Percent complete: 15.3%; Average loss: 4.1318  
Iteration: 613; Percent complete: 15.3%; Average loss: 3.6954  
Iteration: 614; Percent complete: 15.3%; Average loss: 3.9802  
Iteration: 615; Percent complete: 15.4%; Average loss: 3.5852  
Iteration: 616; Percent complete: 15.4%; Average loss: 3.8651  
Iteration: 617; Percent complete: 15.4%; Average loss: 4.5067  
Iteration: 618; Percent complete: 15.4%; Average loss: 3.6655  
Iteration: 619; Percent complete: 15.5%; Average loss: 3.8145  
Iteration: 620; Percent complete: 15.5%; Average loss: 4.0153  
Iteration: 621; Percent complete: 15.5%; Average loss: 4.2631  
Iteration: 622; Percent complete: 15.6%; Average loss: 3.7969  
Iteration: 623; Percent complete: 15.6%; Average loss: 3.9076  
Iteration: 624; Percent complete: 15.6%; Average loss: 3.8737  
Iteration: 625; Percent complete: 15.6%; Average loss: 3.9417  
Iteration: 626; Percent complete: 15.7%; Average loss: 3.7390  
Iteration: 627; Percent complete: 15.7%; Average loss: 4.1563  
Iteration: 628; Percent complete: 15.7%; Average loss: 3.9842  
Iteration: 629; Percent complete: 15.7%; Average loss: 3.7802  
Iteration: 630; Percent complete: 15.8%; Average loss: 4.0438  
Iteration: 631; Percent complete: 15.8%; Average loss: 4.2391  
Iteration: 632; Percent complete: 15.8%; Average loss: 4.2667  
Iteration: 633; Percent complete: 15.8%; Average loss: 3.9011  
Iteration: 634; Percent complete: 15.8%; Average loss: 3.8191  
Iteration: 635; Percent complete: 15.9%; Average loss: 3.9551  
Iteration: 636; Percent complete: 15.9%; Average loss: 3.9290  
Iteration: 637; Percent complete: 15.9%; Average loss: 3.9733  
Iteration: 638; Percent complete: 16.0%; Average loss: 3.8408  
Iteration: 639; Percent complete: 16.0%; Average loss: 3.5269  
Iteration: 640; Percent complete: 16.0%; Average loss: 3.8648  
Iteration: 641; Percent complete: 16.0%; Average loss: 4.0900  
Iteration: 642; Percent complete: 16.1%; Average loss: 3.9037  
Iteration: 643; Percent complete: 16.1%; Average loss: 3.9385  
Iteration: 644; Percent complete: 16.1%; Average loss: 4.2906  
Iteration: 645; Percent complete: 16.1%; Average loss: 3.6507  
Iteration: 646; Percent complete: 16.2%; Average loss: 4.4448  
Iteration: 647; Percent complete: 16.2%; Average loss: 3.9510  
Iteration: 648; Percent complete: 16.2%; Average loss: 4.2117  
Iteration: 649; Percent complete: 16.2%; Average loss: 3.7375  
Iteration: 650; Percent complete: 16.2%; Average loss: 3.7637  
Iteration: 651; Percent complete: 16.3%; Average loss: 3.4939  
Iteration: 652; Percent complete: 16.3%; Average loss: 4.1402  
Iteration: 653; Percent complete: 16.3%; Average loss: 4.1541  
Iteration: 654; Percent complete: 16.4%; Average loss: 4.5028  
Iteration: 655; Percent complete: 16.4%; Average loss: 4.3126  
Iteration: 656; Percent complete: 16.4%; Average loss: 3.5933  
Iteration: 657; Percent complete: 16.4%; Average loss: 4.1145  
Iteration: 658; Percent complete: 16.4%; Average loss: 3.9639  
Iteration: 659; Percent complete: 16.5%; Average loss: 3.4284  
Iteration: 660; Percent complete: 16.5%; Average loss: 3.8762  
Iteration: 661; Percent complete: 16.5%; Average loss: 4.2834  
Iteration: 662; Percent complete: 16.6%; Average loss: 4.1305  
Iteration: 663; Percent complete: 16.6%; Average loss: 3.7483  
Iteration: 664; Percent complete: 16.6%; Average loss: 3.8698  
Iteration: 665; Percent complete: 16.6%; Average loss: 4.0840

Iteration: 666; Percent complete: 16.7%; Average loss: 4.0542  
Iteration: 667; Percent complete: 16.7%; Average loss: 3.9338  
Iteration: 668; Percent complete: 16.7%; Average loss: 4.4386  
Iteration: 669; Percent complete: 16.7%; Average loss: 3.7471  
Iteration: 670; Percent complete: 16.8%; Average loss: 4.1847  
Iteration: 671; Percent complete: 16.8%; Average loss: 3.7561  
Iteration: 672; Percent complete: 16.8%; Average loss: 3.5057  
Iteration: 673; Percent complete: 16.8%; Average loss: 4.1952  
Iteration: 674; Percent complete: 16.9%; Average loss: 4.1120  
Iteration: 675; Percent complete: 16.9%; Average loss: 3.7855  
Iteration: 676; Percent complete: 16.9%; Average loss: 4.3095  
Iteration: 677; Percent complete: 16.9%; Average loss: 3.9365  
Iteration: 678; Percent complete: 17.0%; Average loss: 4.0825  
Iteration: 679; Percent complete: 17.0%; Average loss: 4.4675  
Iteration: 680; Percent complete: 17.0%; Average loss: 4.1458  
Iteration: 681; Percent complete: 17.0%; Average loss: 4.0260  
Iteration: 682; Percent complete: 17.1%; Average loss: 3.8965  
Iteration: 683; Percent complete: 17.1%; Average loss: 4.1571  
Iteration: 684; Percent complete: 17.1%; Average loss: 3.9410  
Iteration: 685; Percent complete: 17.1%; Average loss: 3.9534  
Iteration: 686; Percent complete: 17.2%; Average loss: 4.0466  
Iteration: 687; Percent complete: 17.2%; Average loss: 4.0139  
Iteration: 688; Percent complete: 17.2%; Average loss: 3.8907  
Iteration: 689; Percent complete: 17.2%; Average loss: 3.9583  
Iteration: 690; Percent complete: 17.2%; Average loss: 3.9266  
Iteration: 691; Percent complete: 17.3%; Average loss: 3.8102  
Iteration: 692; Percent complete: 17.3%; Average loss: 3.9961  
Iteration: 693; Percent complete: 17.3%; Average loss: 4.0113  
Iteration: 694; Percent complete: 17.3%; Average loss: 4.4753  
Iteration: 695; Percent complete: 17.4%; Average loss: 4.1492  
Iteration: 696; Percent complete: 17.4%; Average loss: 3.8798  
Iteration: 697; Percent complete: 17.4%; Average loss: 4.0993  
Iteration: 698; Percent complete: 17.4%; Average loss: 4.0059  
Iteration: 699; Percent complete: 17.5%; Average loss: 3.6935  
Iteration: 700; Percent complete: 17.5%; Average loss: 3.7498  
Iteration: 701; Percent complete: 17.5%; Average loss: 3.7193  
Iteration: 702; Percent complete: 17.5%; Average loss: 3.8453  
Iteration: 703; Percent complete: 17.6%; Average loss: 3.8360  
Iteration: 704; Percent complete: 17.6%; Average loss: 3.9610  
Iteration: 705; Percent complete: 17.6%; Average loss: 4.0081  
Iteration: 706; Percent complete: 17.6%; Average loss: 3.7816  
Iteration: 707; Percent complete: 17.7%; Average loss: 3.8650  
Iteration: 708; Percent complete: 17.7%; Average loss: 4.0397  
Iteration: 709; Percent complete: 17.7%; Average loss: 4.0905  
Iteration: 710; Percent complete: 17.8%; Average loss: 4.5354  
Iteration: 711; Percent complete: 17.8%; Average loss: 4.0171  
Iteration: 712; Percent complete: 17.8%; Average loss: 4.0930  
Iteration: 713; Percent complete: 17.8%; Average loss: 4.1654  
Iteration: 714; Percent complete: 17.8%; Average loss: 4.0509  
Iteration: 715; Percent complete: 17.9%; Average loss: 3.8588  
Iteration: 716; Percent complete: 17.9%; Average loss: 4.0641  
Iteration: 717; Percent complete: 17.9%; Average loss: 4.2182  
Iteration: 718; Percent complete: 17.9%; Average loss: 3.6541  
Iteration: 719; Percent complete: 18.0%; Average loss: 4.0106  
Iteration: 720; Percent complete: 18.0%; Average loss: 4.0729  
Iteration: 721; Percent complete: 18.0%; Average loss: 4.3722  
Iteration: 722; Percent complete: 18.1%; Average loss: 3.8015  
Iteration: 723; Percent complete: 18.1%; Average loss: 3.7198  
Iteration: 724; Percent complete: 18.1%; Average loss: 4.0296  
Iteration: 725; Percent complete: 18.1%; Average loss: 3.8166  
Iteration: 726; Percent complete: 18.1%; Average loss: 3.8165  
Iteration: 727; Percent complete: 18.2%; Average loss: 4.4291  
Iteration: 728; Percent complete: 18.2%; Average loss: 4.2694  
Iteration: 729; Percent complete: 18.2%; Average loss: 3.8466  
Iteration: 730; Percent complete: 18.2%; Average loss: 3.9643  
Iteration: 731; Percent complete: 18.3%; Average loss: 4.0825  
Iteration: 732; Percent complete: 18.3%; Average loss: 3.4356  
Iteration: 733; Percent complete: 18.3%; Average loss: 3.8515  
Iteration: 734; Percent complete: 18.4%; Average loss: 3.7513  
Iteration: 735; Percent complete: 18.4%; Average loss: 4.1734  
Iteration: 736; Percent complete: 18.4%; Average loss: 3.8908  
Iteration: 737; Percent complete: 18.4%; Average loss: 3.9253  
Iteration: 738; Percent complete: 18.4%; Average loss: 4.0164  
Iteration: 739; Percent complete: 18.5%; Average loss: 3.9956  
Iteration: 740; Percent complete: 18.5%; Average loss: 4.3040  
Iteration: 741; Percent complete: 18.5%; Average loss: 3.8138  
Iteration: 742; Percent complete: 18.6%; Average loss: 3.8822  
Iteration: 743; Percent complete: 18.6%; Average loss: 4.5113  
Iteration: 744; Percent complete: 18.6%; Average loss: 3.8772  
Iteration: 745; Percent complete: 18.6%; Average loss: 3.7088  
Iteration: 746; Percent complete: 18.6%; Average loss: 4.1485  
Iteration: 747; Percent complete: 18.7%; Average loss: 4.0064  
Iteration: 748; Percent complete: 18.7%; Average loss: 3.8486  
Iteration: 749; Percent complete: 18.7%; Average loss: 3.5364  
Iteration: 750; Percent complete: 18.8%; Average loss: 4.2379  
Iteration: 751; Percent complete: 18.8%; Average loss: 3.8294  
Iteration: 752; Percent complete: 18.8%; Average loss: 3.7894  
Iteration: 753; Percent complete: 18.8%; Average loss: 3.6377  
Iteration: 754; Percent complete: 18.9%; Average loss: 4.1913  
Iteration: 755; Percent complete: 18.9%; Average loss: 3.9876  
Iteration: 756; Percent complete: 18.9%; Average loss: 4.1034  
Iteration: 757; Percent complete: 18.9%; Average loss: 3.8271  
Iteration: 758; Percent complete: 18.9%; Average loss: 3.8271

Iteration: 757; Percent complete: 18.9%; Average loss: 4.3471  
Iteration: 758; Percent complete: 18.9%; Average loss: 3.8958  
Iteration: 759; Percent complete: 19.0%; Average loss: 3.8888  
Iteration: 760; Percent complete: 19.0%; Average loss: 4.0958  
Iteration: 761; Percent complete: 19.0%; Average loss: 4.0094  
Iteration: 762; Percent complete: 19.1%; Average loss: 3.5850  
Iteration: 763; Percent complete: 19.1%; Average loss: 3.8879  
Iteration: 764; Percent complete: 19.1%; Average loss: 3.7415  
Iteration: 765; Percent complete: 19.1%; Average loss: 3.9768  
Iteration: 766; Percent complete: 19.1%; Average loss: 4.1600  
Iteration: 767; Percent complete: 19.2%; Average loss: 4.0162  
Iteration: 768; Percent complete: 19.2%; Average loss: 3.8819  
Iteration: 769; Percent complete: 19.2%; Average loss: 3.7542  
Iteration: 770; Percent complete: 19.2%; Average loss: 3.9940  
Iteration: 771; Percent complete: 19.3%; Average loss: 3.8458  
Iteration: 772; Percent complete: 19.3%; Average loss: 3.9337  
Iteration: 773; Percent complete: 19.3%; Average loss: 3.6932  
Iteration: 774; Percent complete: 19.4%; Average loss: 3.7100  
Iteration: 775; Percent complete: 19.4%; Average loss: 4.2933  
Iteration: 776; Percent complete: 19.4%; Average loss: 4.0453  
Iteration: 777; Percent complete: 19.4%; Average loss: 3.9765  
Iteration: 778; Percent complete: 19.4%; Average loss: 4.3594  
Iteration: 779; Percent complete: 19.5%; Average loss: 3.9037  
Iteration: 780; Percent complete: 19.5%; Average loss: 3.9442  
Iteration: 781; Percent complete: 19.5%; Average loss: 3.5408  
Iteration: 782; Percent complete: 19.6%; Average loss: 3.9204  
Iteration: 783; Percent complete: 19.6%; Average loss: 3.8207  
Iteration: 784; Percent complete: 19.6%; Average loss: 4.1267  
Iteration: 785; Percent complete: 19.6%; Average loss: 3.7280  
Iteration: 786; Percent complete: 19.7%; Average loss: 4.4468  
Iteration: 787; Percent complete: 19.7%; Average loss: 4.3163  
Iteration: 788; Percent complete: 19.7%; Average loss: 3.8374  
Iteration: 789; Percent complete: 19.7%; Average loss: 4.1310  
Iteration: 790; Percent complete: 19.8%; Average loss: 3.9848  
Iteration: 791; Percent complete: 19.8%; Average loss: 3.7947  
Iteration: 792; Percent complete: 19.8%; Average loss: 3.8214  
Iteration: 793; Percent complete: 19.8%; Average loss: 3.9890  
Iteration: 794; Percent complete: 19.9%; Average loss: 3.9582  
Iteration: 795; Percent complete: 19.9%; Average loss: 3.7058  
Iteration: 796; Percent complete: 19.9%; Average loss: 3.7989  
Iteration: 797; Percent complete: 19.9%; Average loss: 3.9876  
Iteration: 798; Percent complete: 20.0%; Average loss: 3.7054  
Iteration: 799; Percent complete: 20.0%; Average loss: 3.9180  
Iteration: 800; Percent complete: 20.0%; Average loss: 3.6069  
Iteration: 801; Percent complete: 20.0%; Average loss: 3.8842  
Iteration: 802; Percent complete: 20.1%; Average loss: 4.2538  
Iteration: 803; Percent complete: 20.1%; Average loss: 4.3118  
Iteration: 804; Percent complete: 20.1%; Average loss: 3.9167  
Iteration: 805; Percent complete: 20.1%; Average loss: 3.2691  
Iteration: 806; Percent complete: 20.2%; Average loss: 4.0482  
Iteration: 807; Percent complete: 20.2%; Average loss: 3.9906  
Iteration: 808; Percent complete: 20.2%; Average loss: 3.7018  
Iteration: 809; Percent complete: 20.2%; Average loss: 4.0625  
Iteration: 810; Percent complete: 20.2%; Average loss: 3.7761  
Iteration: 811; Percent complete: 20.3%; Average loss: 3.5850  
Iteration: 812; Percent complete: 20.3%; Average loss: 4.2111  
Iteration: 813; Percent complete: 20.3%; Average loss: 4.1218  
Iteration: 814; Percent complete: 20.3%; Average loss: 3.5905  
Iteration: 815; Percent complete: 20.4%; Average loss: 3.5681  
Iteration: 816; Percent complete: 20.4%; Average loss: 3.9704  
Iteration: 817; Percent complete: 20.4%; Average loss: 4.5371  
Iteration: 818; Percent complete: 20.4%; Average loss: 3.8953  
Iteration: 819; Percent complete: 20.5%; Average loss: 4.3996  
Iteration: 820; Percent complete: 20.5%; Average loss: 3.6712  
Iteration: 821; Percent complete: 20.5%; Average loss: 3.7721  
Iteration: 822; Percent complete: 20.5%; Average loss: 4.2027  
Iteration: 823; Percent complete: 20.6%; Average loss: 3.7538  
Iteration: 824; Percent complete: 20.6%; Average loss: 4.1386  
Iteration: 825; Percent complete: 20.6%; Average loss: 3.9441  
Iteration: 826; Percent complete: 20.6%; Average loss: 3.9717  
Iteration: 827; Percent complete: 20.7%; Average loss: 3.9016  
Iteration: 828; Percent complete: 20.7%; Average loss: 3.7668  
Iteration: 829; Percent complete: 20.7%; Average loss: 4.2421  
Iteration: 830; Percent complete: 20.8%; Average loss: 4.3890  
Iteration: 831; Percent complete: 20.8%; Average loss: 3.9519  
Iteration: 832; Percent complete: 20.8%; Average loss: 3.6081  
Iteration: 833; Percent complete: 20.8%; Average loss: 3.7808  
Iteration: 834; Percent complete: 20.8%; Average loss: 4.0578  
Iteration: 835; Percent complete: 20.9%; Average loss: 3.6604  
Iteration: 836; Percent complete: 20.9%; Average loss: 3.9628  
Iteration: 837; Percent complete: 20.9%; Average loss: 3.6809  
Iteration: 838; Percent complete: 20.9%; Average loss: 3.3088  
Iteration: 839; Percent complete: 21.0%; Average loss: 3.8700  
Iteration: 840; Percent complete: 21.0%; Average loss: 3.9423  
Iteration: 841; Percent complete: 21.0%; Average loss: 3.8468  
Iteration: 842; Percent complete: 21.1%; Average loss: 3.7279  
Iteration: 843; Percent complete: 21.1%; Average loss: 3.8457  
Iteration: 844; Percent complete: 21.1%; Average loss: 3.6506  
Iteration: 845; Percent complete: 21.1%; Average loss: 3.5366  
Iteration: 846; Percent complete: 21.1%; Average loss: 3.8778  
Iteration: 847; Percent complete: 21.2%; Average loss: 4.0447  
Iteration: 848; Percent complete: 21.2%; Average loss: 3.9043

Iteration: 848; Percent complete: 21.2%; Average loss: 3.9949  
Iteration: 849; Percent complete: 21.2%; Average loss: 3.7119  
Iteration: 850; Percent complete: 21.2%; Average loss: 4.1777  
Iteration: 851; Percent complete: 21.3%; Average loss: 3.8068  
Iteration: 852; Percent complete: 21.3%; Average loss: 3.9132  
Iteration: 853; Percent complete: 21.3%; Average loss: 3.8833  
Iteration: 854; Percent complete: 21.3%; Average loss: 4.4464  
Iteration: 855; Percent complete: 21.4%; Average loss: 3.9186  
Iteration: 856; Percent complete: 21.4%; Average loss: 3.5775  
Iteration: 857; Percent complete: 21.4%; Average loss: 4.0342  
Iteration: 858; Percent complete: 21.4%; Average loss: 4.0621  
Iteration: 859; Percent complete: 21.5%; Average loss: 4.0449  
Iteration: 860; Percent complete: 21.5%; Average loss: 3.8233  
Iteration: 861; Percent complete: 21.5%; Average loss: 3.7489  
Iteration: 862; Percent complete: 21.6%; Average loss: 4.1634  
Iteration: 863; Percent complete: 21.6%; Average loss: 4.4427  
Iteration: 864; Percent complete: 21.6%; Average loss: 3.9628  
Iteration: 865; Percent complete: 21.6%; Average loss: 4.1446  
Iteration: 866; Percent complete: 21.6%; Average loss: 4.0627  
Iteration: 867; Percent complete: 21.7%; Average loss: 4.1236  
Iteration: 868; Percent complete: 21.7%; Average loss: 3.6919  
Iteration: 869; Percent complete: 21.7%; Average loss: 3.8406  
Iteration: 870; Percent complete: 21.8%; Average loss: 3.5875  
Iteration: 871; Percent complete: 21.8%; Average loss: 3.9907  
Iteration: 872; Percent complete: 21.8%; Average loss: 4.0409  
Iteration: 873; Percent complete: 21.8%; Average loss: 3.8511  
Iteration: 874; Percent complete: 21.9%; Average loss: 3.6893  
Iteration: 875; Percent complete: 21.9%; Average loss: 4.0591  
Iteration: 876; Percent complete: 21.9%; Average loss: 4.0865  
Iteration: 877; Percent complete: 21.9%; Average loss: 3.9955  
Iteration: 878; Percent complete: 21.9%; Average loss: 3.4672  
Iteration: 879; Percent complete: 22.0%; Average loss: 3.8592  
Iteration: 880; Percent complete: 22.0%; Average loss: 3.7869  
Iteration: 881; Percent complete: 22.0%; Average loss: 3.8172  
Iteration: 882; Percent complete: 22.1%; Average loss: 3.9476  
Iteration: 883; Percent complete: 22.1%; Average loss: 3.8502  
Iteration: 884; Percent complete: 22.1%; Average loss: 4.1829  
Iteration: 885; Percent complete: 22.1%; Average loss: 4.1329  
Iteration: 886; Percent complete: 22.1%; Average loss: 4.1001  
Iteration: 887; Percent complete: 22.2%; Average loss: 4.3901  
Iteration: 888; Percent complete: 22.2%; Average loss: 3.8229  
Iteration: 889; Percent complete: 22.2%; Average loss: 3.7466  
Iteration: 890; Percent complete: 22.2%; Average loss: 4.4146  
Iteration: 891; Percent complete: 22.3%; Average loss: 4.0100  
Iteration: 892; Percent complete: 22.3%; Average loss: 3.9242  
Iteration: 893; Percent complete: 22.3%; Average loss: 3.9193  
Iteration: 894; Percent complete: 22.4%; Average loss: 4.0480  
Iteration: 895; Percent complete: 22.4%; Average loss: 3.9677  
Iteration: 896; Percent complete: 22.4%; Average loss: 4.2083  
Iteration: 897; Percent complete: 22.4%; Average loss: 3.8691  
Iteration: 898; Percent complete: 22.4%; Average loss: 3.8259  
Iteration: 899; Percent complete: 22.5%; Average loss: 3.9555  
Iteration: 900; Percent complete: 22.5%; Average loss: 3.6973  
Iteration: 901; Percent complete: 22.5%; Average loss: 3.8735  
Iteration: 902; Percent complete: 22.6%; Average loss: 3.9162  
Iteration: 903; Percent complete: 22.6%; Average loss: 4.0185  
Iteration: 904; Percent complete: 22.6%; Average loss: 3.5684  
Iteration: 905; Percent complete: 22.6%; Average loss: 3.7106  
Iteration: 906; Percent complete: 22.7%; Average loss: 4.3372  
Iteration: 907; Percent complete: 22.7%; Average loss: 4.2276  
Iteration: 908; Percent complete: 22.7%; Average loss: 3.8054  
Iteration: 909; Percent complete: 22.7%; Average loss: 3.8207  
Iteration: 910; Percent complete: 22.8%; Average loss: 3.9648  
Iteration: 911; Percent complete: 22.8%; Average loss: 4.0147  
Iteration: 912; Percent complete: 22.8%; Average loss: 3.7929  
Iteration: 913; Percent complete: 22.8%; Average loss: 3.9292  
Iteration: 914; Percent complete: 22.9%; Average loss: 3.7585  
Iteration: 915; Percent complete: 22.9%; Average loss: 4.1390  
Iteration: 916; Percent complete: 22.9%; Average loss: 4.0118  
Iteration: 917; Percent complete: 22.9%; Average loss: 4.0159  
Iteration: 918; Percent complete: 22.9%; Average loss: 3.8544  
Iteration: 919; Percent complete: 23.0%; Average loss: 3.8190  
Iteration: 920; Percent complete: 23.0%; Average loss: 3.9368  
Iteration: 921; Percent complete: 23.0%; Average loss: 3.5867  
Iteration: 922; Percent complete: 23.1%; Average loss: 4.1523  
Iteration: 923; Percent complete: 23.1%; Average loss: 3.4824  
Iteration: 924; Percent complete: 23.1%; Average loss: 4.0531  
Iteration: 925; Percent complete: 23.1%; Average loss: 3.5421  
Iteration: 926; Percent complete: 23.2%; Average loss: 3.9741  
Iteration: 927; Percent complete: 23.2%; Average loss: 3.7528  
Iteration: 928; Percent complete: 23.2%; Average loss: 3.5642  
Iteration: 929; Percent complete: 23.2%; Average loss: 3.8390  
Iteration: 930; Percent complete: 23.2%; Average loss: 3.5151  
Iteration: 931; Percent complete: 23.3%; Average loss: 4.2021  
Iteration: 932; Percent complete: 23.3%; Average loss: 3.8442  
Iteration: 933; Percent complete: 23.3%; Average loss: 3.9772  
Iteration: 934; Percent complete: 23.4%; Average loss: 3.7293  
Iteration: 935; Percent complete: 23.4%; Average loss: 4.2789  
Iteration: 936; Percent complete: 23.4%; Average loss: 4.0328  
Iteration: 937; Percent complete: 23.4%; Average loss: 3.9076  
Iteration: 938; Percent complete: 23.4%; Average loss: 3.6269  
Iteration: 939; Percent complete: 23.5%; Average loss: 4.1258



Iteration: 940; Percent complete: 23.5%; Average loss: 3.9418  
Iteration: 941; Percent complete: 23.5%; Average loss: 3.9535  
Iteration: 942; Percent complete: 23.5%; Average loss: 3.9674  
Iteration: 943; Percent complete: 23.6%; Average loss: 3.7606  
Iteration: 944; Percent complete: 23.6%; Average loss: 3.6471  
Iteration: 945; Percent complete: 23.6%; Average loss: 3.9657  
Iteration: 946; Percent complete: 23.6%; Average loss: 3.6662  
Iteration: 947; Percent complete: 23.7%; Average loss: 3.8946  
Iteration: 948; Percent complete: 23.7%; Average loss: 3.9317  
Iteration: 949; Percent complete: 23.7%; Average loss: 4.2149  
Iteration: 950; Percent complete: 23.8%; Average loss: 4.0585  
Iteration: 951; Percent complete: 23.8%; Average loss: 3.9970  
Iteration: 952; Percent complete: 23.8%; Average loss: 3.8685  
Iteration: 953; Percent complete: 23.8%; Average loss: 3.7607  
Iteration: 954; Percent complete: 23.8%; Average loss: 3.9428  
Iteration: 955; Percent complete: 23.9%; Average loss: 3.7542  
Iteration: 956; Percent complete: 23.9%; Average loss: 4.0946  
Iteration: 957; Percent complete: 23.9%; Average loss: 4.0391  
Iteration: 958; Percent complete: 23.9%; Average loss: 3.8485  
Iteration: 959; Percent complete: 24.0%; Average loss: 3.8602  
Iteration: 960; Percent complete: 24.0%; Average loss: 3.5071  
Iteration: 961; Percent complete: 24.0%; Average loss: 3.8577  
Iteration: 962; Percent complete: 24.1%; Average loss: 3.9645  
Iteration: 963; Percent complete: 24.1%; Average loss: 4.0387  
Iteration: 964; Percent complete: 24.1%; Average loss: 3.9254  
Iteration: 965; Percent complete: 24.1%; Average loss: 4.3148  
Iteration: 966; Percent complete: 24.1%; Average loss: 3.7249  
Iteration: 967; Percent complete: 24.2%; Average loss: 3.9496  
Iteration: 968; Percent complete: 24.2%; Average loss: 4.0026  
Iteration: 969; Percent complete: 24.2%; Average loss: 3.8912  
Iteration: 970; Percent complete: 24.2%; Average loss: 3.7156  
Iteration: 971; Percent complete: 24.3%; Average loss: 3.6496  
Iteration: 972; Percent complete: 24.3%; Average loss: 3.8711  
Iteration: 973; Percent complete: 24.3%; Average loss: 3.9433  
Iteration: 974; Percent complete: 24.3%; Average loss: 3.8380  
Iteration: 975; Percent complete: 24.4%; Average loss: 4.2068  
Iteration: 976; Percent complete: 24.4%; Average loss: 3.8243  
Iteration: 977; Percent complete: 24.4%; Average loss: 3.7751  
Iteration: 978; Percent complete: 24.4%; Average loss: 3.9594  
Iteration: 979; Percent complete: 24.5%; Average loss: 3.7916  
Iteration: 980; Percent complete: 24.5%; Average loss: 4.2334  
Iteration: 981; Percent complete: 24.5%; Average loss: 4.0633  
Iteration: 982; Percent complete: 24.6%; Average loss: 4.0391  
Iteration: 983; Percent complete: 24.6%; Average loss: 3.7426  
Iteration: 984; Percent complete: 24.6%; Average loss: 3.8052  
Iteration: 985; Percent complete: 24.6%; Average loss: 3.9207  
Iteration: 986; Percent complete: 24.6%; Average loss: 3.9604  
Iteration: 987; Percent complete: 24.7%; Average loss: 3.4786  
Iteration: 988; Percent complete: 24.7%; Average loss: 3.8805  
Iteration: 989; Percent complete: 24.7%; Average loss: 3.9048  
Iteration: 990; Percent complete: 24.8%; Average loss: 4.1004  
Iteration: 991; Percent complete: 24.8%; Average loss: 3.9126  
Iteration: 992; Percent complete: 24.8%; Average loss: 3.6968  
Iteration: 993; Percent complete: 24.8%; Average loss: 3.8813  
Iteration: 994; Percent complete: 24.9%; Average loss: 3.9114  
Iteration: 995; Percent complete: 24.9%; Average loss: 3.6764  
Iteration: 996; Percent complete: 24.9%; Average loss: 4.1019  
Iteration: 997; Percent complete: 24.9%; Average loss: 4.1770  
Iteration: 998; Percent complete: 24.9%; Average loss: 3.9162  
Iteration: 999; Percent complete: 25.0%; Average loss: 3.6844  
Iteration: 1000; Percent complete: 25.0%; Average loss: 4.2137  
Iteration: 1001; Percent complete: 25.0%; Average loss: 3.6774  
Iteration: 1002; Percent complete: 25.1%; Average loss: 3.8009  
Iteration: 1003; Percent complete: 25.1%; Average loss: 4.1828  
Iteration: 1004; Percent complete: 25.1%; Average loss: 3.6153  
Iteration: 1005; Percent complete: 25.1%; Average loss: 4.1074  
Iteration: 1006; Percent complete: 25.1%; Average loss: 3.9939  
Iteration: 1007; Percent complete: 25.2%; Average loss: 3.9232  
Iteration: 1008; Percent complete: 25.2%; Average loss: 3.9355  
Iteration: 1009; Percent complete: 25.2%; Average loss: 4.1224  
Iteration: 1010; Percent complete: 25.2%; Average loss: 4.1134  
Iteration: 1011; Percent complete: 25.3%; Average loss: 3.7845  
Iteration: 1012; Percent complete: 25.3%; Average loss: 4.0203  
Iteration: 1013; Percent complete: 25.3%; Average loss: 3.7215  
Iteration: 1014; Percent complete: 25.4%; Average loss: 4.3659  
Iteration: 1015; Percent complete: 25.4%; Average loss: 3.5918  
Iteration: 1016; Percent complete: 25.4%; Average loss: 3.9682  
Iteration: 1017; Percent complete: 25.4%; Average loss: 3.6969  
Iteration: 1018; Percent complete: 25.4%; Average loss: 3.8719  
Iteration: 1019; Percent complete: 25.5%; Average loss: 3.8051  
Iteration: 1020; Percent complete: 25.5%; Average loss: 3.9444  
Iteration: 1021; Percent complete: 25.5%; Average loss: 4.0992  
Iteration: 1022; Percent complete: 25.6%; Average loss: 3.7569  
Iteration: 1023; Percent complete: 25.6%; Average loss: 4.0481  
Iteration: 1024; Percent complete: 25.6%; Average loss: 4.0474  
Iteration: 1025; Percent complete: 25.6%; Average loss: 3.8589  
Iteration: 1026; Percent complete: 25.7%; Average loss: 3.9743  
Iteration: 1027; Percent complete: 25.7%; Average loss: 3.8968  
Iteration: 1028; Percent complete: 25.7%; Average loss: 3.9678  
Iteration: 1029; Percent complete: 25.7%; Average loss: 3.6699  
Iteration: 1030; Percent complete: 25.8%; Average loss: 4.3599

Iteration: 1031; Percent complete: 25.8%; Average loss: 4.1407  
Iteration: 1032; Percent complete: 25.8%; Average loss: 3.8760  
Iteration: 1033; Percent complete: 25.8%; Average loss: 4.0726  
Iteration: 1034; Percent complete: 25.9%; Average loss: 3.9368  
Iteration: 1035; Percent complete: 25.9%; Average loss: 4.0953  
Iteration: 1036; Percent complete: 25.9%; Average loss: 3.5672  
Iteration: 1037; Percent complete: 25.9%; Average loss: 3.7484  
Iteration: 1038; Percent complete: 25.9%; Average loss: 4.0528  
Iteration: 1039; Percent complete: 26.0%; Average loss: 4.1208  
Iteration: 1040; Percent complete: 26.0%; Average loss: 3.7963  
Iteration: 1041; Percent complete: 26.0%; Average loss: 4.0844  
Iteration: 1042; Percent complete: 26.1%; Average loss: 3.8413  
Iteration: 1043; Percent complete: 26.1%; Average loss: 3.7939  
Iteration: 1044; Percent complete: 26.1%; Average loss: 4.0300  
Iteration: 1045; Percent complete: 26.1%; Average loss: 4.0741  
Iteration: 1046; Percent complete: 26.2%; Average loss: 4.0578  
Iteration: 1047; Percent complete: 26.2%; Average loss: 4.1320  
Iteration: 1048; Percent complete: 26.2%; Average loss: 3.6409  
Iteration: 1049; Percent complete: 26.2%; Average loss: 3.7551  
Iteration: 1050; Percent complete: 26.2%; Average loss: 3.9501  
Iteration: 1051; Percent complete: 26.3%; Average loss: 3.8734  
Iteration: 1052; Percent complete: 26.3%; Average loss: 3.8522  
Iteration: 1053; Percent complete: 26.3%; Average loss: 3.7843  
Iteration: 1054; Percent complete: 26.4%; Average loss: 3.4239  
Iteration: 1055; Percent complete: 26.4%; Average loss: 4.3493  
Iteration: 1056; Percent complete: 26.4%; Average loss: 3.7690  
Iteration: 1057; Percent complete: 26.4%; Average loss: 4.1846  
Iteration: 1058; Percent complete: 26.5%; Average loss: 3.9152  
Iteration: 1059; Percent complete: 26.5%; Average loss: 4.0385  
Iteration: 1060; Percent complete: 26.5%; Average loss: 4.2135  
Iteration: 1061; Percent complete: 26.5%; Average loss: 4.1544  
Iteration: 1062; Percent complete: 26.6%; Average loss: 3.8018  
Iteration: 1063; Percent complete: 26.6%; Average loss: 3.5746  
Iteration: 1064; Percent complete: 26.6%; Average loss: 3.9090  
Iteration: 1065; Percent complete: 26.6%; Average loss: 3.8406  
Iteration: 1066; Percent complete: 26.7%; Average loss: 4.1554  
Iteration: 1067; Percent complete: 26.7%; Average loss: 3.8917  
Iteration: 1068; Percent complete: 26.7%; Average loss: 4.1002  
Iteration: 1069; Percent complete: 26.7%; Average loss: 4.1034  
Iteration: 1070; Percent complete: 26.8%; Average loss: 3.6590  
Iteration: 1071; Percent complete: 26.8%; Average loss: 3.3755  
Iteration: 1072; Percent complete: 26.8%; Average loss: 3.7293  
Iteration: 1073; Percent complete: 26.8%; Average loss: 3.6398  
Iteration: 1074; Percent complete: 26.9%; Average loss: 3.5124  
Iteration: 1075; Percent complete: 26.9%; Average loss: 4.3949  
Iteration: 1076; Percent complete: 26.9%; Average loss: 4.0501  
Iteration: 1077; Percent complete: 26.9%; Average loss: 4.1978  
Iteration: 1078; Percent complete: 27.0%; Average loss: 4.0814  
Iteration: 1079; Percent complete: 27.0%; Average loss: 4.2348  
Iteration: 1080; Percent complete: 27.0%; Average loss: 3.8913  
Iteration: 1081; Percent complete: 27.0%; Average loss: 3.9082  
Iteration: 1082; Percent complete: 27.1%; Average loss: 4.0504  
Iteration: 1083; Percent complete: 27.1%; Average loss: 3.8194  
Iteration: 1084; Percent complete: 27.1%; Average loss: 3.6319  
Iteration: 1085; Percent complete: 27.1%; Average loss: 3.8076  
Iteration: 1086; Percent complete: 27.2%; Average loss: 3.7390  
Iteration: 1087; Percent complete: 27.2%; Average loss: 3.6810  
Iteration: 1088; Percent complete: 27.2%; Average loss: 3.5743  
Iteration: 1089; Percent complete: 27.2%; Average loss: 4.0097  
Iteration: 1090; Percent complete: 27.3%; Average loss: 3.6762  
Iteration: 1091; Percent complete: 27.3%; Average loss: 3.7610  
Iteration: 1092; Percent complete: 27.3%; Average loss: 3.6763  
Iteration: 1093; Percent complete: 27.3%; Average loss: 3.8639  
Iteration: 1094; Percent complete: 27.4%; Average loss: 3.8980  
Iteration: 1095; Percent complete: 27.4%; Average loss: 3.6655  
Iteration: 1096; Percent complete: 27.4%; Average loss: 4.0832  
Iteration: 1097; Percent complete: 27.4%; Average loss: 3.7633  
Iteration: 1098; Percent complete: 27.5%; Average loss: 3.9029  
Iteration: 1099; Percent complete: 27.5%; Average loss: 3.5891  
Iteration: 1100; Percent complete: 27.5%; Average loss: 3.9425  
Iteration: 1101; Percent complete: 27.5%; Average loss: 3.5560  
Iteration: 1102; Percent complete: 27.6%; Average loss: 3.8299  
Iteration: 1103; Percent complete: 27.6%; Average loss: 3.6784  
Iteration: 1104; Percent complete: 27.6%; Average loss: 3.9285  
Iteration: 1105; Percent complete: 27.6%; Average loss: 3.8149  
Iteration: 1106; Percent complete: 27.7%; Average loss: 3.7553  
Iteration: 1107; Percent complete: 27.7%; Average loss: 4.0861  
Iteration: 1108; Percent complete: 27.7%; Average loss: 4.0367  
Iteration: 1109; Percent complete: 27.7%; Average loss: 3.7611  
Iteration: 1110; Percent complete: 27.8%; Average loss: 3.5742  
Iteration: 1111; Percent complete: 27.8%; Average loss: 3.3201  
Iteration: 1112; Percent complete: 27.8%; Average loss: 4.1825  
Iteration: 1113; Percent complete: 27.8%; Average loss: 3.8583  
Iteration: 1114; Percent complete: 27.9%; Average loss: 3.7248  
Iteration: 1115; Percent complete: 27.9%; Average loss: 3.9416  
Iteration: 1116; Percent complete: 27.9%; Average loss: 3.6337  
Iteration: 1117; Percent complete: 27.9%; Average loss: 3.6385  
Iteration: 1118; Percent complete: 28.0%; Average loss: 4.1923  
Iteration: 1119; Percent complete: 28.0%; Average loss: 3.8892  
Iteration: 1120; Percent complete: 28.0%; Average loss: 4.1910  
Iteration: 1121; Percent complete: 28.0%; Average loss: 3.6385

Iteration: 1122; Percent complete: 28.1%; Average loss: 4.0860  
Iteration: 1123; Percent complete: 28.1%; Average loss: 3.9001  
Iteration: 1124; Percent complete: 28.1%; Average loss: 3.9405  
Iteration: 1125; Percent complete: 28.1%; Average loss: 3.9520  
Iteration: 1126; Percent complete: 28.1%; Average loss: 3.6983  
Iteration: 1127; Percent complete: 28.2%; Average loss: 3.7533  
Iteration: 1128; Percent complete: 28.2%; Average loss: 3.5481  
Iteration: 1129; Percent complete: 28.2%; Average loss: 4.0395  
Iteration: 1130; Percent complete: 28.2%; Average loss: 4.0856  
Iteration: 1131; Percent complete: 28.3%; Average loss: 3.9431  
Iteration: 1132; Percent complete: 28.3%; Average loss: 4.0988  
Iteration: 1133; Percent complete: 28.3%; Average loss: 4.1141  
Iteration: 1134; Percent complete: 28.3%; Average loss: 3.3564  
Iteration: 1135; Percent complete: 28.4%; Average loss: 3.9184  
Iteration: 1136; Percent complete: 28.4%; Average loss: 3.9139  
Iteration: 1137; Percent complete: 28.4%; Average loss: 3.9903  
Iteration: 1138; Percent complete: 28.4%; Average loss: 3.6655  
Iteration: 1139; Percent complete: 28.5%; Average loss: 3.8320  
Iteration: 1140; Percent complete: 28.5%; Average loss: 3.9918  
Iteration: 1141; Percent complete: 28.5%; Average loss: 3.8333  
Iteration: 1142; Percent complete: 28.5%; Average loss: 3.7077  
Iteration: 1143; Percent complete: 28.6%; Average loss: 3.8139  
Iteration: 1144; Percent complete: 28.6%; Average loss: 4.1631  
Iteration: 1145; Percent complete: 28.6%; Average loss: 3.8616  
Iteration: 1146; Percent complete: 28.6%; Average loss: 3.7727  
Iteration: 1147; Percent complete: 28.7%; Average loss: 3.9617  
Iteration: 1148; Percent complete: 28.7%; Average loss: 4.0627  
Iteration: 1149; Percent complete: 28.7%; Average loss: 4.1030  
Iteration: 1150; Percent complete: 28.7%; Average loss: 4.2525  
Iteration: 1151; Percent complete: 28.8%; Average loss: 4.1073  
Iteration: 1152; Percent complete: 28.8%; Average loss: 3.6353  
Iteration: 1153; Percent complete: 28.8%; Average loss: 4.0435  
Iteration: 1154; Percent complete: 28.8%; Average loss: 3.7923  
Iteration: 1155; Percent complete: 28.9%; Average loss: 3.9939  
Iteration: 1156; Percent complete: 28.9%; Average loss: 3.4536  
Iteration: 1157; Percent complete: 28.9%; Average loss: 3.8542  
Iteration: 1158; Percent complete: 28.9%; Average loss: 3.9931  
Iteration: 1159; Percent complete: 29.0%; Average loss: 3.9532  
Iteration: 1160; Percent complete: 29.0%; Average loss: 3.9493  
Iteration: 1161; Percent complete: 29.0%; Average loss: 4.0371  
Iteration: 1162; Percent complete: 29.0%; Average loss: 4.0244  
Iteration: 1163; Percent complete: 29.1%; Average loss: 3.7843  
Iteration: 1164; Percent complete: 29.1%; Average loss: 3.7058  
Iteration: 1165; Percent complete: 29.1%; Average loss: 4.1024  
Iteration: 1166; Percent complete: 29.1%; Average loss: 3.8481  
Iteration: 1167; Percent complete: 29.2%; Average loss: 3.5122  
Iteration: 1168; Percent complete: 29.2%; Average loss: 3.9270  
Iteration: 1169; Percent complete: 29.2%; Average loss: 3.9965  
Iteration: 1170; Percent complete: 29.2%; Average loss: 3.9514  
Iteration: 1171; Percent complete: 29.3%; Average loss: 3.7193  
Iteration: 1172; Percent complete: 29.3%; Average loss: 4.0610  
Iteration: 1173; Percent complete: 29.3%; Average loss: 3.9078  
Iteration: 1174; Percent complete: 29.3%; Average loss: 4.0111  
Iteration: 1175; Percent complete: 29.4%; Average loss: 3.9675  
Iteration: 1176; Percent complete: 29.4%; Average loss: 4.0256  
Iteration: 1177; Percent complete: 29.4%; Average loss: 3.7848  
Iteration: 1178; Percent complete: 29.4%; Average loss: 3.8631  
Iteration: 1179; Percent complete: 29.5%; Average loss: 3.6921  
Iteration: 1180; Percent complete: 29.5%; Average loss: 3.9475  
Iteration: 1181; Percent complete: 29.5%; Average loss: 3.8005  
Iteration: 1182; Percent complete: 29.5%; Average loss: 4.0669  
Iteration: 1183; Percent complete: 29.6%; Average loss: 3.8241  
Iteration: 1184; Percent complete: 29.6%; Average loss: 4.0182  
Iteration: 1185; Percent complete: 29.6%; Average loss: 4.4616  
Iteration: 1186; Percent complete: 29.6%; Average loss: 3.9771  
Iteration: 1187; Percent complete: 29.7%; Average loss: 4.0134  
Iteration: 1188; Percent complete: 29.7%; Average loss: 4.0400  
Iteration: 1189; Percent complete: 29.7%; Average loss: 3.4978  
Iteration: 1190; Percent complete: 29.8%; Average loss: 3.6239  
Iteration: 1191; Percent complete: 29.8%; Average loss: 3.5730  
Iteration: 1192; Percent complete: 29.8%; Average loss: 3.9321  
Iteration: 1193; Percent complete: 29.8%; Average loss: 4.0394  
Iteration: 1194; Percent complete: 29.8%; Average loss: 4.2577  
Iteration: 1195; Percent complete: 29.9%; Average loss: 3.8947  
Iteration: 1196; Percent complete: 29.9%; Average loss: 4.0721  
Iteration: 1197; Percent complete: 29.9%; Average loss: 3.7196  
Iteration: 1198; Percent complete: 29.9%; Average loss: 3.7440  
Iteration: 1199; Percent complete: 30.0%; Average loss: 3.6267  
Iteration: 1200; Percent complete: 30.0%; Average loss: 3.9639  
Iteration: 1201; Percent complete: 30.0%; Average loss: 3.6322  
Iteration: 1202; Percent complete: 30.0%; Average loss: 3.8002  
Iteration: 1203; Percent complete: 30.1%; Average loss: 3.8555  
Iteration: 1204; Percent complete: 30.1%; Average loss: 4.1254  
Iteration: 1205; Percent complete: 30.1%; Average loss: 3.9469  
Iteration: 1206; Percent complete: 30.1%; Average loss: 4.2598  
Iteration: 1207; Percent complete: 30.2%; Average loss: 3.7139  
Iteration: 1208; Percent complete: 30.2%; Average loss: 4.1625  
Iteration: 1209; Percent complete: 30.2%; Average loss: 3.6267  
Iteration: 1210; Percent complete: 30.2%; Average loss: 4.3284  
Iteration: 1211; Percent complete: 30.3%; Average loss: 3.8201  
Iteration: 1212; Percent complete: 30.3%; Average loss: 3.9094  
Iteration: 1213; Percent complete: 30.3%; Average loss: 3.5370

Iteration: 1213; Percent complete: 30.3%; Average loss: 3.9378  
Iteration: 1214; Percent complete: 30.3%; Average loss: 3.9291  
Iteration: 1215; Percent complete: 30.4%; Average loss: 3.6372  
Iteration: 1216; Percent complete: 30.4%; Average loss: 4.0212  
Iteration: 1217; Percent complete: 30.4%; Average loss: 3.9261  
Iteration: 1218; Percent complete: 30.4%; Average loss: 3.5445  
Iteration: 1219; Percent complete: 30.5%; Average loss: 3.4081  
Iteration: 1220; Percent complete: 30.5%; Average loss: 3.8220  
Iteration: 1221; Percent complete: 30.5%; Average loss: 4.2512  
Iteration: 1222; Percent complete: 30.6%; Average loss: 3.7110  
Iteration: 1223; Percent complete: 30.6%; Average loss: 3.7880  
Iteration: 1224; Percent complete: 30.6%; Average loss: 3.9808  
Iteration: 1225; Percent complete: 30.6%; Average loss: 4.0019  
Iteration: 1226; Percent complete: 30.6%; Average loss: 4.1135  
Iteration: 1227; Percent complete: 30.7%; Average loss: 3.6102  
Iteration: 1228; Percent complete: 30.7%; Average loss: 3.7913  
Iteration: 1229; Percent complete: 30.7%; Average loss: 4.0396  
Iteration: 1230; Percent complete: 30.8%; Average loss: 4.2254  
Iteration: 1231; Percent complete: 30.8%; Average loss: 4.1847  
Iteration: 1232; Percent complete: 30.8%; Average loss: 4.0926  
Iteration: 1233; Percent complete: 30.8%; Average loss: 3.9456  
Iteration: 1234; Percent complete: 30.9%; Average loss: 3.7289  
Iteration: 1235; Percent complete: 30.9%; Average loss: 3.8746  
Iteration: 1236; Percent complete: 30.9%; Average loss: 4.0569  
Iteration: 1237; Percent complete: 30.9%; Average loss: 3.7509  
Iteration: 1238; Percent complete: 30.9%; Average loss: 4.2611  
Iteration: 1239; Percent complete: 31.0%; Average loss: 3.9374  
Iteration: 1240; Percent complete: 31.0%; Average loss: 4.0723  
Iteration: 1241; Percent complete: 31.0%; Average loss: 4.1073  
Iteration: 1242; Percent complete: 31.1%; Average loss: 3.8406  
Iteration: 1243; Percent complete: 31.1%; Average loss: 4.1018  
Iteration: 1244; Percent complete: 31.1%; Average loss: 3.9071  
Iteration: 1245; Percent complete: 31.1%; Average loss: 3.7193  
Iteration: 1246; Percent complete: 31.1%; Average loss: 4.2673  
Iteration: 1247; Percent complete: 31.2%; Average loss: 3.9049  
Iteration: 1248; Percent complete: 31.2%; Average loss: 3.9646  
Iteration: 1249; Percent complete: 31.2%; Average loss: 3.8332  
Iteration: 1250; Percent complete: 31.2%; Average loss: 3.8460  
Iteration: 1251; Percent complete: 31.3%; Average loss: 4.2544  
Iteration: 1252; Percent complete: 31.3%; Average loss: 3.9012  
Iteration: 1253; Percent complete: 31.3%; Average loss: 3.6860  
Iteration: 1254; Percent complete: 31.4%; Average loss: 4.1944  
Iteration: 1255; Percent complete: 31.4%; Average loss: 3.8437  
Iteration: 1256; Percent complete: 31.4%; Average loss: 4.1882  
Iteration: 1257; Percent complete: 31.4%; Average loss: 3.9905  
Iteration: 1258; Percent complete: 31.4%; Average loss: 4.1955  
Iteration: 1259; Percent complete: 31.5%; Average loss: 3.7677  
Iteration: 1260; Percent complete: 31.5%; Average loss: 4.0923  
Iteration: 1261; Percent complete: 31.5%; Average loss: 4.2543  
Iteration: 1262; Percent complete: 31.6%; Average loss: 3.8667  
Iteration: 1263; Percent complete: 31.6%; Average loss: 4.0203  
Iteration: 1264; Percent complete: 31.6%; Average loss: 3.6327  
Iteration: 1265; Percent complete: 31.6%; Average loss: 4.1842  
Iteration: 1266; Percent complete: 31.6%; Average loss: 3.7565  
Iteration: 1267; Percent complete: 31.7%; Average loss: 4.0387  
Iteration: 1268; Percent complete: 31.7%; Average loss: 3.7557  
Iteration: 1269; Percent complete: 31.7%; Average loss: 4.0624  
Iteration: 1270; Percent complete: 31.8%; Average loss: 4.3814  
Iteration: 1271; Percent complete: 31.8%; Average loss: 4.1544  
Iteration: 1272; Percent complete: 31.8%; Average loss: 3.8887  
Iteration: 1273; Percent complete: 31.8%; Average loss: 3.9356  
Iteration: 1274; Percent complete: 31.9%; Average loss: 4.0935  
Iteration: 1275; Percent complete: 31.9%; Average loss: 3.6390  
Iteration: 1276; Percent complete: 31.9%; Average loss: 3.9598  
Iteration: 1277; Percent complete: 31.9%; Average loss: 4.0372  
Iteration: 1278; Percent complete: 31.9%; Average loss: 3.6546  
Iteration: 1279; Percent complete: 32.0%; Average loss: 3.5203  
Iteration: 1280; Percent complete: 32.0%; Average loss: 4.0920  
Iteration: 1281; Percent complete: 32.0%; Average loss: 3.7117  
Iteration: 1282; Percent complete: 32.0%; Average loss: 4.0922  
Iteration: 1283; Percent complete: 32.1%; Average loss: 4.0211  
Iteration: 1284; Percent complete: 32.1%; Average loss: 3.8429  
Iteration: 1285; Percent complete: 32.1%; Average loss: 3.9602  
Iteration: 1286; Percent complete: 32.1%; Average loss: 4.0131  
Iteration: 1287; Percent complete: 32.2%; Average loss: 4.1191  
Iteration: 1288; Percent complete: 32.2%; Average loss: 3.7542  
Iteration: 1289; Percent complete: 32.2%; Average loss: 4.1387  
Iteration: 1290; Percent complete: 32.2%; Average loss: 3.7446  
Iteration: 1291; Percent complete: 32.3%; Average loss: 4.2451  
Iteration: 1292; Percent complete: 32.3%; Average loss: 3.8592  
Iteration: 1293; Percent complete: 32.3%; Average loss: 4.0015  
Iteration: 1294; Percent complete: 32.4%; Average loss: 4.1091  
Iteration: 1295; Percent complete: 32.4%; Average loss: 3.9507  
Iteration: 1296; Percent complete: 32.4%; Average loss: 4.1165  
Iteration: 1297; Percent complete: 32.4%; Average loss: 3.6810  
Iteration: 1298; Percent complete: 32.5%; Average loss: 3.7333  
Iteration: 1299; Percent complete: 32.5%; Average loss: 3.8545  
Iteration: 1300; Percent complete: 32.5%; Average loss: 3.8733  
Iteration: 1301; Percent complete: 32.5%; Average loss: 3.7961  
Iteration: 1302; Percent complete: 32.6%; Average loss: 4.1394  
Iteration: 1303; Percent complete: 32.6%; Average loss: 3.5588  
Iteration: 1304; Percent complete: 32.6%; Average loss: 3.5195

Iteration: 1305; Percent complete: 32.6%; Average loss: 3.8925  
Iteration: 1306; Percent complete: 32.6%; Average loss: 4.1764  
Iteration: 1307; Percent complete: 32.7%; Average loss: 3.7158  
Iteration: 1308; Percent complete: 32.7%; Average loss: 4.0349  
Iteration: 1309; Percent complete: 32.7%; Average loss: 3.9387  
Iteration: 1310; Percent complete: 32.8%; Average loss: 3.9599  
Iteration: 1311; Percent complete: 32.8%; Average loss: 3.8006  
Iteration: 1312; Percent complete: 32.8%; Average loss: 3.3925  
Iteration: 1313; Percent complete: 32.8%; Average loss: 4.0936  
Iteration: 1314; Percent complete: 32.9%; Average loss: 3.7895  
Iteration: 1315; Percent complete: 32.9%; Average loss: 4.3632  
Iteration: 1316; Percent complete: 32.9%; Average loss: 4.0076  
Iteration: 1317; Percent complete: 32.9%; Average loss: 3.6958  
Iteration: 1318; Percent complete: 33.0%; Average loss: 3.6495  
Iteration: 1319; Percent complete: 33.0%; Average loss: 4.0519  
Iteration: 1320; Percent complete: 33.0%; Average loss: 3.8058  
Iteration: 1321; Percent complete: 33.0%; Average loss: 3.9478  
Iteration: 1322; Percent complete: 33.1%; Average loss: 3.7878  
Iteration: 1323; Percent complete: 33.1%; Average loss: 3.9717  
Iteration: 1324; Percent complete: 33.1%; Average loss: 3.8802  
Iteration: 1325; Percent complete: 33.1%; Average loss: 3.7445  
Iteration: 1326; Percent complete: 33.1%; Average loss: 3.5574  
Iteration: 1327; Percent complete: 33.2%; Average loss: 3.6858  
Iteration: 1328; Percent complete: 33.2%; Average loss: 4.1242  
Iteration: 1329; Percent complete: 33.2%; Average loss: 4.0853  
Iteration: 1330; Percent complete: 33.2%; Average loss: 3.8473  
Iteration: 1331; Percent complete: 33.3%; Average loss: 3.7787  
Iteration: 1332; Percent complete: 33.3%; Average loss: 3.9753  
Iteration: 1333; Percent complete: 33.3%; Average loss: 3.5433  
Iteration: 1334; Percent complete: 33.4%; Average loss: 3.8419  
Iteration: 1335; Percent complete: 33.4%; Average loss: 4.0886  
Iteration: 1336; Percent complete: 33.4%; Average loss: 3.9676  
Iteration: 1337; Percent complete: 33.4%; Average loss: 3.4995  
Iteration: 1338; Percent complete: 33.5%; Average loss: 3.9918  
Iteration: 1339; Percent complete: 33.5%; Average loss: 3.7067  
Iteration: 1340; Percent complete: 33.5%; Average loss: 3.8806  
Iteration: 1341; Percent complete: 33.5%; Average loss: 3.4977  
Iteration: 1342; Percent complete: 33.6%; Average loss: 3.9220  
Iteration: 1343; Percent complete: 33.6%; Average loss: 3.5192  
Iteration: 1344; Percent complete: 33.6%; Average loss: 3.7251  
Iteration: 1345; Percent complete: 33.6%; Average loss: 4.2027  
Iteration: 1346; Percent complete: 33.7%; Average loss: 4.0066  
Iteration: 1347; Percent complete: 33.7%; Average loss: 3.8030  
Iteration: 1348; Percent complete: 33.7%; Average loss: 4.0003  
Iteration: 1349; Percent complete: 33.7%; Average loss: 3.8690  
Iteration: 1350; Percent complete: 33.8%; Average loss: 3.9241  
Iteration: 1351; Percent complete: 33.8%; Average loss: 3.6396  
Iteration: 1352; Percent complete: 33.8%; Average loss: 3.8050  
Iteration: 1353; Percent complete: 33.8%; Average loss: 3.6241  
Iteration: 1354; Percent complete: 33.9%; Average loss: 4.0838  
Iteration: 1355; Percent complete: 33.9%; Average loss: 3.9894  
Iteration: 1356; Percent complete: 33.9%; Average loss: 3.7577  
Iteration: 1357; Percent complete: 33.9%; Average loss: 3.7434  
Iteration: 1358; Percent complete: 34.0%; Average loss: 3.7961  
Iteration: 1359; Percent complete: 34.0%; Average loss: 4.1662  
Iteration: 1360; Percent complete: 34.0%; Average loss: 3.9735  
Iteration: 1361; Percent complete: 34.0%; Average loss: 4.0985  
Iteration: 1362; Percent complete: 34.1%; Average loss: 3.9609  
Iteration: 1363; Percent complete: 34.1%; Average loss: 3.7713  
Iteration: 1364; Percent complete: 34.1%; Average loss: 4.3544  
Iteration: 1365; Percent complete: 34.1%; Average loss: 3.8604  
Iteration: 1366; Percent complete: 34.2%; Average loss: 3.8614  
Iteration: 1367; Percent complete: 34.2%; Average loss: 3.9212  
Iteration: 1368; Percent complete: 34.2%; Average loss: 3.7180  
Iteration: 1369; Percent complete: 34.2%; Average loss: 3.5368  
Iteration: 1370; Percent complete: 34.2%; Average loss: 3.5036  
Iteration: 1371; Percent complete: 34.3%; Average loss: 4.2703  
Iteration: 1372; Percent complete: 34.3%; Average loss: 3.9464  
Iteration: 1373; Percent complete: 34.3%; Average loss: 3.7318  
Iteration: 1374; Percent complete: 34.4%; Average loss: 3.6480  
Iteration: 1375; Percent complete: 34.4%; Average loss: 4.1439  
Iteration: 1376; Percent complete: 34.4%; Average loss: 4.1554  
Iteration: 1377; Percent complete: 34.4%; Average loss: 3.6207  
Iteration: 1378; Percent complete: 34.4%; Average loss: 4.2287  
Iteration: 1379; Percent complete: 34.5%; Average loss: 3.9138  
Iteration: 1380; Percent complete: 34.5%; Average loss: 3.8612  
Iteration: 1381; Percent complete: 34.5%; Average loss: 3.9259  
Iteration: 1382; Percent complete: 34.5%; Average loss: 3.9974  
Iteration: 1383; Percent complete: 34.6%; Average loss: 4.1576  
Iteration: 1384; Percent complete: 34.6%; Average loss: 4.0061  
Iteration: 1385; Percent complete: 34.6%; Average loss: 3.8626  
Iteration: 1386; Percent complete: 34.6%; Average loss: 3.8944  
Iteration: 1387; Percent complete: 34.7%; Average loss: 3.8935  
Iteration: 1388; Percent complete: 34.7%; Average loss: 3.7649  
Iteration: 1389; Percent complete: 34.7%; Average loss: 3.9806  
Iteration: 1390; Percent complete: 34.8%; Average loss: 3.7141  
Iteration: 1391; Percent complete: 34.8%; Average loss: 3.8005  
Iteration: 1392; Percent complete: 34.8%; Average loss: 4.1314  
Iteration: 1393; Percent complete: 34.8%; Average loss: 3.8740  
Iteration: 1394; Percent complete: 34.8%; Average loss: 4.1442  
Iteration: 1395; Percent complete: 34.9%; Average loss: 3.7581

Iteration: 1396; Percent complete: 34.9%; Average loss: 3.6315  
Iteration: 1397; Percent complete: 34.9%; Average loss: 3.9584  
Iteration: 1398; Percent complete: 34.9%; Average loss: 3.8976  
Iteration: 1399; Percent complete: 35.0%; Average loss: 3.7859  
Iteration: 1400; Percent complete: 35.0%; Average loss: 3.9158  
Iteration: 1401; Percent complete: 35.0%; Average loss: 4.1536  
Iteration: 1402; Percent complete: 35.0%; Average loss: 4.0132  
Iteration: 1403; Percent complete: 35.1%; Average loss: 4.0150  
Iteration: 1404; Percent complete: 35.1%; Average loss: 3.4437  
Iteration: 1405; Percent complete: 35.1%; Average loss: 3.7884  
Iteration: 1406; Percent complete: 35.1%; Average loss: 3.8426  
Iteration: 1407; Percent complete: 35.2%; Average loss: 3.6434  
Iteration: 1408; Percent complete: 35.2%; Average loss: 3.7657  
Iteration: 1409; Percent complete: 35.2%; Average loss: 3.6717  
Iteration: 1410; Percent complete: 35.2%; Average loss: 3.9932  
Iteration: 1411; Percent complete: 35.3%; Average loss: 3.7186  
Iteration: 1412; Percent complete: 35.3%; Average loss: 3.9516  
Iteration: 1413; Percent complete: 35.3%; Average loss: 3.8717  
Iteration: 1414; Percent complete: 35.4%; Average loss: 3.8461  
Iteration: 1415; Percent complete: 35.4%; Average loss: 3.9894  
Iteration: 1416; Percent complete: 35.4%; Average loss: 4.2149  
Iteration: 1417; Percent complete: 35.4%; Average loss: 3.6734  
Iteration: 1418; Percent complete: 35.4%; Average loss: 3.8128  
Iteration: 1419; Percent complete: 35.5%; Average loss: 3.6564  
Iteration: 1420; Percent complete: 35.5%; Average loss: 3.8868  
Iteration: 1421; Percent complete: 35.5%; Average loss: 3.6531  
Iteration: 1422; Percent complete: 35.5%; Average loss: 4.1419  
Iteration: 1423; Percent complete: 35.6%; Average loss: 3.8942  
Iteration: 1424; Percent complete: 35.6%; Average loss: 3.5650  
Iteration: 1425; Percent complete: 35.6%; Average loss: 3.9894  
Iteration: 1426; Percent complete: 35.6%; Average loss: 4.2974  
Iteration: 1427; Percent complete: 35.7%; Average loss: 4.3321  
Iteration: 1428; Percent complete: 35.7%; Average loss: 3.4667  
Iteration: 1429; Percent complete: 35.7%; Average loss: 3.7554  
Iteration: 1430; Percent complete: 35.8%; Average loss: 3.7918  
Iteration: 1431; Percent complete: 35.8%; Average loss: 3.9106  
Iteration: 1432; Percent complete: 35.8%; Average loss: 3.8492  
Iteration: 1433; Percent complete: 35.8%; Average loss: 3.8747  
Iteration: 1434; Percent complete: 35.9%; Average loss: 3.7910  
Iteration: 1435; Percent complete: 35.9%; Average loss: 3.7082  
Iteration: 1436; Percent complete: 35.9%; Average loss: 4.3287  
Iteration: 1437; Percent complete: 35.9%; Average loss: 3.7714  
Iteration: 1438; Percent complete: 35.9%; Average loss: 3.5716  
Iteration: 1439; Percent complete: 36.0%; Average loss: 3.9607  
Iteration: 1440; Percent complete: 36.0%; Average loss: 4.1062  
Iteration: 1441; Percent complete: 36.0%; Average loss: 3.9084  
Iteration: 1442; Percent complete: 36.0%; Average loss: 3.6964  
Iteration: 1443; Percent complete: 36.1%; Average loss: 3.8490  
Iteration: 1444; Percent complete: 36.1%; Average loss: 3.7420  
Iteration: 1445; Percent complete: 36.1%; Average loss: 3.7193  
Iteration: 1446; Percent complete: 36.1%; Average loss: 4.0137  
Iteration: 1447; Percent complete: 36.2%; Average loss: 4.0446  
Iteration: 1448; Percent complete: 36.2%; Average loss: 4.3296  
Iteration: 1449; Percent complete: 36.2%; Average loss: 3.5973  
Iteration: 1450; Percent complete: 36.2%; Average loss: 3.5505  
Iteration: 1451; Percent complete: 36.3%; Average loss: 3.7900  
Iteration: 1452; Percent complete: 36.3%; Average loss: 4.2424  
Iteration: 1453; Percent complete: 36.3%; Average loss: 3.9685  
Iteration: 1454; Percent complete: 36.4%; Average loss: 3.3281  
Iteration: 1455; Percent complete: 36.4%; Average loss: 3.5165  
Iteration: 1456; Percent complete: 36.4%; Average loss: 3.6589  
Iteration: 1457; Percent complete: 36.4%; Average loss: 3.5593  
Iteration: 1458; Percent complete: 36.4%; Average loss: 3.7796  
Iteration: 1459; Percent complete: 36.5%; Average loss: 3.6406  
Iteration: 1460; Percent complete: 36.5%; Average loss: 4.0951  
Iteration: 1461; Percent complete: 36.5%; Average loss: 3.6481  
Iteration: 1462; Percent complete: 36.5%; Average loss: 3.8178  
Iteration: 1463; Percent complete: 36.6%; Average loss: 4.0574  
Iteration: 1464; Percent complete: 36.6%; Average loss: 3.6321  
Iteration: 1465; Percent complete: 36.6%; Average loss: 3.7600  
Iteration: 1466; Percent complete: 36.6%; Average loss: 4.4094  
Iteration: 1467; Percent complete: 36.7%; Average loss: 3.8953  
Iteration: 1468; Percent complete: 36.7%; Average loss: 3.9166  
Iteration: 1469; Percent complete: 36.7%; Average loss: 3.9610  
Iteration: 1470; Percent complete: 36.8%; Average loss: 3.7303  
Iteration: 1471; Percent complete: 36.8%; Average loss: 3.9323  
Iteration: 1472; Percent complete: 36.8%; Average loss: 3.8564  
Iteration: 1473; Percent complete: 36.8%; Average loss: 3.8111  
Iteration: 1474; Percent complete: 36.9%; Average loss: 4.0676  
Iteration: 1475; Percent complete: 36.9%; Average loss: 3.9301  
Iteration: 1476; Percent complete: 36.9%; Average loss: 4.2586  
Iteration: 1477; Percent complete: 36.9%; Average loss: 3.9861  
Iteration: 1478; Percent complete: 37.0%; Average loss: 4.2061  
Iteration: 1479; Percent complete: 37.0%; Average loss: 3.8214  
Iteration: 1480; Percent complete: 37.0%; Average loss: 4.1771  
Iteration: 1481; Percent complete: 37.0%; Average loss: 3.5040  
Iteration: 1482; Percent complete: 37.0%; Average loss: 3.6672  
Iteration: 1483; Percent complete: 37.1%; Average loss: 4.1237  
Iteration: 1484; Percent complete: 37.1%; Average loss: 4.0975  
Iteration: 1485; Percent complete: 37.1%; Average loss: 3.8571  
Iteration: 1486; Percent complete: 37.1%; Average loss: 3.8157

Iteration: 1487; Percent complete: 37.2%; Average loss: 4.0283  
Iteration: 1488; Percent complete: 37.2%; Average loss: 4.1238  
Iteration: 1489; Percent complete: 37.2%; Average loss: 3.7362  
Iteration: 1490; Percent complete: 37.2%; Average loss: 4.1869  
Iteration: 1491; Percent complete: 37.3%; Average loss: 4.1546  
Iteration: 1492; Percent complete: 37.3%; Average loss: 3.7829  
Iteration: 1493; Percent complete: 37.3%; Average loss: 4.2629  
Iteration: 1494; Percent complete: 37.4%; Average loss: 3.8152  
Iteration: 1495; Percent complete: 37.4%; Average loss: 3.4277  
Iteration: 1496; Percent complete: 37.4%; Average loss: 3.6242  
Iteration: 1497; Percent complete: 37.4%; Average loss: 4.1422  
Iteration: 1498; Percent complete: 37.5%; Average loss: 3.6252  
Iteration: 1499; Percent complete: 37.5%; Average loss: 4.1218  
Iteration: 1500; Percent complete: 37.5%; Average loss: 3.7121  
Iteration: 1501; Percent complete: 37.5%; Average loss: 3.4292  
Iteration: 1502; Percent complete: 37.5%; Average loss: 3.7839  
Iteration: 1503; Percent complete: 37.6%; Average loss: 3.6094  
Iteration: 1504; Percent complete: 37.6%; Average loss: 3.9447  
Iteration: 1505; Percent complete: 37.6%; Average loss: 4.0967  
Iteration: 1506; Percent complete: 37.6%; Average loss: 4.0421  
Iteration: 1507; Percent complete: 37.7%; Average loss: 3.8299  
Iteration: 1508; Percent complete: 37.7%; Average loss: 3.6174  
Iteration: 1509; Percent complete: 37.7%; Average loss: 4.0344  
Iteration: 1510; Percent complete: 37.8%; Average loss: 4.0012  
Iteration: 1511; Percent complete: 37.8%; Average loss: 3.6126  
Iteration: 1512; Percent complete: 37.8%; Average loss: 3.9985  
Iteration: 1513; Percent complete: 37.8%; Average loss: 3.4896  
Iteration: 1514; Percent complete: 37.9%; Average loss: 3.7353  
Iteration: 1515; Percent complete: 37.9%; Average loss: 3.6949  
Iteration: 1516; Percent complete: 37.9%; Average loss: 3.7772  
Iteration: 1517; Percent complete: 37.9%; Average loss: 3.9041  
Iteration: 1518; Percent complete: 38.0%; Average loss: 3.7721  
Iteration: 1519; Percent complete: 38.0%; Average loss: 4.0176  
Iteration: 1520; Percent complete: 38.0%; Average loss: 3.6252  
Iteration: 1521; Percent complete: 38.0%; Average loss: 3.9738  
Iteration: 1522; Percent complete: 38.0%; Average loss: 4.0068  
Iteration: 1523; Percent complete: 38.1%; Average loss: 3.5315  
Iteration: 1524; Percent complete: 38.1%; Average loss: 4.1607  
Iteration: 1525; Percent complete: 38.1%; Average loss: 3.9020  
Iteration: 1526; Percent complete: 38.1%; Average loss: 3.9511  
Iteration: 1527; Percent complete: 38.2%; Average loss: 3.8684  
Iteration: 1528; Percent complete: 38.2%; Average loss: 4.1179  
Iteration: 1529; Percent complete: 38.2%; Average loss: 3.6764  
Iteration: 1530; Percent complete: 38.2%; Average loss: 3.8574  
Iteration: 1531; Percent complete: 38.3%; Average loss: 3.8405  
Iteration: 1532; Percent complete: 38.3%; Average loss: 3.6653  
Iteration: 1533; Percent complete: 38.3%; Average loss: 4.1834  
Iteration: 1534; Percent complete: 38.4%; Average loss: 3.9330  
Iteration: 1535; Percent complete: 38.4%; Average loss: 3.9629  
Iteration: 1536; Percent complete: 38.4%; Average loss: 3.5310  
Iteration: 1537; Percent complete: 38.4%; Average loss: 3.7631  
Iteration: 1538; Percent complete: 38.5%; Average loss: 4.4196  
Iteration: 1539; Percent complete: 38.5%; Average loss: 3.6382  
Iteration: 1540; Percent complete: 38.5%; Average loss: 3.9037  
Iteration: 1541; Percent complete: 38.5%; Average loss: 3.9709  
Iteration: 1542; Percent complete: 38.6%; Average loss: 3.4434  
Iteration: 1543; Percent complete: 38.6%; Average loss: 3.8312  
Iteration: 1544; Percent complete: 38.6%; Average loss: 4.0092  
Iteration: 1545; Percent complete: 38.6%; Average loss: 3.4882  
Iteration: 1546; Percent complete: 38.6%; Average loss: 4.1022  
Iteration: 1547; Percent complete: 38.7%; Average loss: 3.6769  
Iteration: 1548; Percent complete: 38.7%; Average loss: 3.5100  
Iteration: 1549; Percent complete: 38.7%; Average loss: 3.7190  
Iteration: 1550; Percent complete: 38.8%; Average loss: 3.8826  
Iteration: 1551; Percent complete: 38.8%; Average loss: 3.7072  
Iteration: 1552; Percent complete: 38.8%; Average loss: 3.8817  
Iteration: 1553; Percent complete: 38.8%; Average loss: 3.7851  
Iteration: 1554; Percent complete: 38.9%; Average loss: 3.8459  
Iteration: 1555; Percent complete: 38.9%; Average loss: 4.0515  
Iteration: 1556; Percent complete: 38.9%; Average loss: 4.0810  
Iteration: 1557; Percent complete: 38.9%; Average loss: 3.8363  
Iteration: 1558; Percent complete: 39.0%; Average loss: 3.8433  
Iteration: 1559; Percent complete: 39.0%; Average loss: 3.7955  
Iteration: 1560; Percent complete: 39.0%; Average loss: 3.9597  
Iteration: 1561; Percent complete: 39.0%; Average loss: 3.8633  
Iteration: 1562; Percent complete: 39.1%; Average loss: 3.7957  
Iteration: 1563; Percent complete: 39.1%; Average loss: 3.6878  
Iteration: 1564; Percent complete: 39.1%; Average loss: 4.1021  
Iteration: 1565; Percent complete: 39.1%; Average loss: 3.7359  
Iteration: 1566; Percent complete: 39.1%; Average loss: 3.9018  
Iteration: 1567; Percent complete: 39.2%; Average loss: 3.6686  
Iteration: 1568; Percent complete: 39.2%; Average loss: 3.6856  
Iteration: 1569; Percent complete: 39.2%; Average loss: 3.6258  
Iteration: 1570; Percent complete: 39.2%; Average loss: 3.6052  
Iteration: 1571; Percent complete: 39.3%; Average loss: 3.7675  
Iteration: 1572; Percent complete: 39.3%; Average loss: 3.9298  
Iteration: 1573; Percent complete: 39.3%; Average loss: 3.8053  
Iteration: 1574; Percent complete: 39.4%; Average loss: 4.0613  
Iteration: 1575; Percent complete: 39.4%; Average loss: 3.8763  
Iteration: 1576; Percent complete: 39.4%; Average loss: 3.5950  
Iteration: 1577; Percent complete: 39.4%; Average loss: 4.0856  
Iteration: 1578; Percent complete: 39.5%; Average loss: 4.2956

Iteration: 1578; Percent complete: 39.5%; Average loss: 4.2358  
Iteration: 1579; Percent complete: 39.5%; Average loss: 3.8400  
Iteration: 1580; Percent complete: 39.5%; Average loss: 3.5721  
Iteration: 1581; Percent complete: 39.5%; Average loss: 4.3042  
Iteration: 1582; Percent complete: 39.6%; Average loss: 4.2023  
Iteration: 1583; Percent complete: 39.6%; Average loss: 4.0327  
Iteration: 1584; Percent complete: 39.6%; Average loss: 3.7927  
Iteration: 1585; Percent complete: 39.6%; Average loss: 3.8076  
Iteration: 1586; Percent complete: 39.6%; Average loss: 4.1015  
Iteration: 1587; Percent complete: 39.7%; Average loss: 3.9801  
Iteration: 1588; Percent complete: 39.7%; Average loss: 4.0341  
Iteration: 1589; Percent complete: 39.7%; Average loss: 4.1413  
Iteration: 1590; Percent complete: 39.8%; Average loss: 3.9937  
Iteration: 1591; Percent complete: 39.8%; Average loss: 3.8317  
Iteration: 1592; Percent complete: 39.8%; Average loss: 3.5205  
Iteration: 1593; Percent complete: 39.8%; Average loss: 3.6984  
Iteration: 1594; Percent complete: 39.9%; Average loss: 4.1988  
Iteration: 1595; Percent complete: 39.9%; Average loss: 3.4484  
Iteration: 1596; Percent complete: 39.9%; Average loss: 3.9601  
Iteration: 1597; Percent complete: 39.9%; Average loss: 3.6153  
Iteration: 1598; Percent complete: 40.0%; Average loss: 3.8559  
Iteration: 1599; Percent complete: 40.0%; Average loss: 3.9676  
Iteration: 1600; Percent complete: 40.0%; Average loss: 3.2795  
Iteration: 1601; Percent complete: 40.0%; Average loss: 3.8078  
Iteration: 1602; Percent complete: 40.1%; Average loss: 4.0426  
Iteration: 1603; Percent complete: 40.1%; Average loss: 3.8137  
Iteration: 1604; Percent complete: 40.1%; Average loss: 3.8740  
Iteration: 1605; Percent complete: 40.1%; Average loss: 3.7457  
Iteration: 1606; Percent complete: 40.2%; Average loss: 3.6006  
Iteration: 1607; Percent complete: 40.2%; Average loss: 3.6451  
Iteration: 1608; Percent complete: 40.2%; Average loss: 3.7999  
Iteration: 1609; Percent complete: 40.2%; Average loss: 3.6101  
Iteration: 1610; Percent complete: 40.2%; Average loss: 4.1621  
Iteration: 1611; Percent complete: 40.3%; Average loss: 3.6762  
Iteration: 1612; Percent complete: 40.3%; Average loss: 3.7418  
Iteration: 1613; Percent complete: 40.3%; Average loss: 3.7719  
Iteration: 1614; Percent complete: 40.4%; Average loss: 4.1363  
Iteration: 1615; Percent complete: 40.4%; Average loss: 3.6605  
Iteration: 1616; Percent complete: 40.4%; Average loss: 3.7800  
Iteration: 1617; Percent complete: 40.4%; Average loss: 3.7519  
Iteration: 1618; Percent complete: 40.5%; Average loss: 3.8655  
Iteration: 1619; Percent complete: 40.5%; Average loss: 3.8181  
Iteration: 1620; Percent complete: 40.5%; Average loss: 3.6429  
Iteration: 1621; Percent complete: 40.5%; Average loss: 4.0884  
Iteration: 1622; Percent complete: 40.6%; Average loss: 3.9034  
Iteration: 1623; Percent complete: 40.6%; Average loss: 4.0317  
Iteration: 1624; Percent complete: 40.6%; Average loss: 4.0102  
Iteration: 1625; Percent complete: 40.6%; Average loss: 3.7151  
Iteration: 1626; Percent complete: 40.6%; Average loss: 3.6973  
Iteration: 1627; Percent complete: 40.7%; Average loss: 3.4975  
Iteration: 1628; Percent complete: 40.7%; Average loss: 3.6252  
Iteration: 1629; Percent complete: 40.7%; Average loss: 3.7107  
Iteration: 1630; Percent complete: 40.8%; Average loss: 4.0510  
Iteration: 1631; Percent complete: 40.8%; Average loss: 3.6588  
Iteration: 1632; Percent complete: 40.8%; Average loss: 4.2149  
Iteration: 1633; Percent complete: 40.8%; Average loss: 4.1313  
Iteration: 1634; Percent complete: 40.8%; Average loss: 4.0999  
Iteration: 1635; Percent complete: 40.9%; Average loss: 3.8217  
Iteration: 1636; Percent complete: 40.9%; Average loss: 3.7589  
Iteration: 1637; Percent complete: 40.9%; Average loss: 3.7483  
Iteration: 1638; Percent complete: 40.9%; Average loss: 3.8128  
Iteration: 1639; Percent complete: 41.0%; Average loss: 3.6814  
Iteration: 1640; Percent complete: 41.0%; Average loss: 3.6705  
Iteration: 1641; Percent complete: 41.0%; Average loss: 3.8421  
Iteration: 1642; Percent complete: 41.0%; Average loss: 4.1039  
Iteration: 1643; Percent complete: 41.1%; Average loss: 4.2431  
Iteration: 1644; Percent complete: 41.1%; Average loss: 3.7688  
Iteration: 1645; Percent complete: 41.1%; Average loss: 3.6560  
Iteration: 1646; Percent complete: 41.1%; Average loss: 4.1470  
Iteration: 1647; Percent complete: 41.2%; Average loss: 4.1551  
Iteration: 1648; Percent complete: 41.2%; Average loss: 3.7214  
Iteration: 1649; Percent complete: 41.2%; Average loss: 4.0474  
Iteration: 1650; Percent complete: 41.2%; Average loss: 3.8176  
Iteration: 1651; Percent complete: 41.3%; Average loss: 3.9166  
Iteration: 1652; Percent complete: 41.3%; Average loss: 3.8658  
Iteration: 1653; Percent complete: 41.3%; Average loss: 3.6741  
Iteration: 1654; Percent complete: 41.3%; Average loss: 3.6967  
Iteration: 1655; Percent complete: 41.4%; Average loss: 4.1916  
Iteration: 1656; Percent complete: 41.4%; Average loss: 3.9157  
Iteration: 1657; Percent complete: 41.4%; Average loss: 3.4453  
Iteration: 1658; Percent complete: 41.4%; Average loss: 4.3557  
Iteration: 1659; Percent complete: 41.5%; Average loss: 3.4732  
Iteration: 1660; Percent complete: 41.5%; Average loss: 4.1074  
Iteration: 1661; Percent complete: 41.5%; Average loss: 4.2239  
Iteration: 1662; Percent complete: 41.5%; Average loss: 3.9938  
Iteration: 1663; Percent complete: 41.6%; Average loss: 4.2154  
Iteration: 1664; Percent complete: 41.6%; Average loss: 3.3467  
Iteration: 1665; Percent complete: 41.6%; Average loss: 4.4236  
Iteration: 1666; Percent complete: 41.6%; Average loss: 4.0603  
Iteration: 1667; Percent complete: 41.7%; Average loss: 3.8305  
Iteration: 1668; Percent complete: 41.7%; Average loss: 3.9795  
Iteration: 1669; Percent complete: 41.7%; Average loss: 3.4927



Iteration: 1670; Percent complete: 41.8%; Average loss: 3.4920  
Iteration: 1671; Percent complete: 41.8%; Average loss: 3.9421  
Iteration: 1672; Percent complete: 41.8%; Average loss: 4.0563  
Iteration: 1673; Percent complete: 41.8%; Average loss: 3.9974  
Iteration: 1674; Percent complete: 41.9%; Average loss: 3.9625  
Iteration: 1675; Percent complete: 41.9%; Average loss: 3.8469  
Iteration: 1676; Percent complete: 41.9%; Average loss: 3.9594  
Iteration: 1677; Percent complete: 41.9%; Average loss: 4.0302  
Iteration: 1678; Percent complete: 41.9%; Average loss: 3.6082  
Iteration: 1679; Percent complete: 42.0%; Average loss: 3.9319  
Iteration: 1680; Percent complete: 42.0%; Average loss: 3.5980  
Iteration: 1681; Percent complete: 42.0%; Average loss: 3.5704  
Iteration: 1682; Percent complete: 42.0%; Average loss: 4.2110  
Iteration: 1683; Percent complete: 42.1%; Average loss: 4.0624  
Iteration: 1684; Percent complete: 42.1%; Average loss: 3.6687  
Iteration: 1685; Percent complete: 42.1%; Average loss: 3.6939  
Iteration: 1686; Percent complete: 42.1%; Average loss: 3.7753  
Iteration: 1687; Percent complete: 42.2%; Average loss: 3.6721  
Iteration: 1688; Percent complete: 42.2%; Average loss: 4.0625  
Iteration: 1689; Percent complete: 42.2%; Average loss: 3.5804  
Iteration: 1690; Percent complete: 42.2%; Average loss: 3.5376  
Iteration: 1691; Percent complete: 42.3%; Average loss: 3.7135  
Iteration: 1692; Percent complete: 42.3%; Average loss: 3.7203  
Iteration: 1693; Percent complete: 42.3%; Average loss: 4.3511  
Iteration: 1694; Percent complete: 42.4%; Average loss: 3.2902  
Iteration: 1695; Percent complete: 42.4%; Average loss: 3.4109  
Iteration: 1696; Percent complete: 42.4%; Average loss: 4.0406  
Iteration: 1697; Percent complete: 42.4%; Average loss: 3.8442  
Iteration: 1698; Percent complete: 42.4%; Average loss: 3.8501  
Iteration: 1699; Percent complete: 42.5%; Average loss: 3.8283  
Iteration: 1700; Percent complete: 42.5%; Average loss: 4.1033  
Iteration: 1701; Percent complete: 42.5%; Average loss: 3.7826  
Iteration: 1702; Percent complete: 42.5%; Average loss: 3.9596  
Iteration: 1703; Percent complete: 42.6%; Average loss: 4.1380  
Iteration: 1704; Percent complete: 42.6%; Average loss: 3.7439  
Iteration: 1705; Percent complete: 42.6%; Average loss: 4.0778  
Iteration: 1706; Percent complete: 42.6%; Average loss: 4.0711  
Iteration: 1707; Percent complete: 42.7%; Average loss: 4.2236  
Iteration: 1708; Percent complete: 42.7%; Average loss: 3.7436  
Iteration: 1709; Percent complete: 42.7%; Average loss: 3.6995  
Iteration: 1710; Percent complete: 42.8%; Average loss: 4.0454  
Iteration: 1711; Percent complete: 42.8%; Average loss: 3.6964  
Iteration: 1712; Percent complete: 42.8%; Average loss: 3.9451  
Iteration: 1713; Percent complete: 42.8%; Average loss: 4.0784  
Iteration: 1714; Percent complete: 42.9%; Average loss: 3.7267  
Iteration: 1715; Percent complete: 42.9%; Average loss: 3.4044  
Iteration: 1716; Percent complete: 42.9%; Average loss: 4.0778  
Iteration: 1717; Percent complete: 42.9%; Average loss: 3.5130  
Iteration: 1718; Percent complete: 43.0%; Average loss: 3.8961  
Iteration: 1719; Percent complete: 43.0%; Average loss: 3.5596  
Iteration: 1720; Percent complete: 43.0%; Average loss: 4.1819  
Iteration: 1721; Percent complete: 43.0%; Average loss: 3.9228  
Iteration: 1722; Percent complete: 43.0%; Average loss: 3.5044  
Iteration: 1723; Percent complete: 43.1%; Average loss: 3.6207  
Iteration: 1724; Percent complete: 43.1%; Average loss: 4.1141  
Iteration: 1725; Percent complete: 43.1%; Average loss: 3.8079  
Iteration: 1726; Percent complete: 43.1%; Average loss: 3.5034  
Iteration: 1727; Percent complete: 43.2%; Average loss: 3.7123  
Iteration: 1728; Percent complete: 43.2%; Average loss: 3.9178  
Iteration: 1729; Percent complete: 43.2%; Average loss: 3.9076  
Iteration: 1730; Percent complete: 43.2%; Average loss: 3.9743  
Iteration: 1731; Percent complete: 43.3%; Average loss: 3.3843  
Iteration: 1732; Percent complete: 43.3%; Average loss: 3.6552  
Iteration: 1733; Percent complete: 43.3%; Average loss: 3.6667  
Iteration: 1734; Percent complete: 43.4%; Average loss: 3.9245  
Iteration: 1735; Percent complete: 43.4%; Average loss: 3.9056  
Iteration: 1736; Percent complete: 43.4%; Average loss: 3.7203  
Iteration: 1737; Percent complete: 43.4%; Average loss: 3.9717  
Iteration: 1738; Percent complete: 43.5%; Average loss: 3.8037  
Iteration: 1739; Percent complete: 43.5%; Average loss: 3.7281  
Iteration: 1740; Percent complete: 43.5%; Average loss: 3.6799  
Iteration: 1741; Percent complete: 43.5%; Average loss: 3.7425  
Iteration: 1742; Percent complete: 43.5%; Average loss: 3.6528  
Iteration: 1743; Percent complete: 43.6%; Average loss: 4.1881  
Iteration: 1744; Percent complete: 43.6%; Average loss: 4.0446  
Iteration: 1745; Percent complete: 43.6%; Average loss: 3.3453  
Iteration: 1746; Percent complete: 43.6%; Average loss: 3.6320  
Iteration: 1747; Percent complete: 43.7%; Average loss: 3.8629  
Iteration: 1748; Percent complete: 43.7%; Average loss: 3.7558  
Iteration: 1749; Percent complete: 43.7%; Average loss: 3.8510  
Iteration: 1750; Percent complete: 43.8%; Average loss: 3.8761  
Iteration: 1751; Percent complete: 43.8%; Average loss: 4.0112  
Iteration: 1752; Percent complete: 43.8%; Average loss: 3.4673  
Iteration: 1753; Percent complete: 43.8%; Average loss: 3.6617  
Iteration: 1754; Percent complete: 43.9%; Average loss: 4.0199  
Iteration: 1755; Percent complete: 43.9%; Average loss: 3.7419  
Iteration: 1756; Percent complete: 43.9%; Average loss: 3.9966  
Iteration: 1757; Percent complete: 43.9%; Average loss: 3.7073  
Iteration: 1758; Percent complete: 44.0%; Average loss: 3.6318  
Iteration: 1759; Percent complete: 44.0%; Average loss: 3.6659  
Iteration: 1760; Percent complete: 44.0%; Average loss: 3.8917

Iteration: 1761; Percent complete: 44.0%; Average loss: 3.7058  
Iteration: 1762; Percent complete: 44.0%; Average loss: 3.7260  
Iteration: 1763; Percent complete: 44.1%; Average loss: 4.3452  
Iteration: 1764; Percent complete: 44.1%; Average loss: 3.6624  
Iteration: 1765; Percent complete: 44.1%; Average loss: 3.8879  
Iteration: 1766; Percent complete: 44.1%; Average loss: 3.8912  
Iteration: 1767; Percent complete: 44.2%; Average loss: 3.9044  
Iteration: 1768; Percent complete: 44.2%; Average loss: 3.6646  
Iteration: 1769; Percent complete: 44.2%; Average loss: 4.0927  
Iteration: 1770; Percent complete: 44.2%; Average loss: 3.9122  
Iteration: 1771; Percent complete: 44.3%; Average loss: 4.0444  
Iteration: 1772; Percent complete: 44.3%; Average loss: 4.1116  
Iteration: 1773; Percent complete: 44.3%; Average loss: 3.9910  
Iteration: 1774; Percent complete: 44.4%; Average loss: 3.6632  
Iteration: 1775; Percent complete: 44.4%; Average loss: 4.2315  
Iteration: 1776; Percent complete: 44.4%; Average loss: 3.6704  
Iteration: 1777; Percent complete: 44.4%; Average loss: 3.7915  
Iteration: 1778; Percent complete: 44.5%; Average loss: 3.6191  
Iteration: 1779; Percent complete: 44.5%; Average loss: 3.6833  
Iteration: 1780; Percent complete: 44.5%; Average loss: 3.4372  
Iteration: 1781; Percent complete: 44.5%; Average loss: 3.7505  
Iteration: 1782; Percent complete: 44.5%; Average loss: 3.6481  
Iteration: 1783; Percent complete: 44.6%; Average loss: 4.1252  
Iteration: 1784; Percent complete: 44.6%; Average loss: 3.7612  
Iteration: 1785; Percent complete: 44.6%; Average loss: 4.0234  
Iteration: 1786; Percent complete: 44.6%; Average loss: 3.5646  
Iteration: 1787; Percent complete: 44.7%; Average loss: 3.5198  
Iteration: 1788; Percent complete: 44.7%; Average loss: 3.5485  
Iteration: 1789; Percent complete: 44.7%; Average loss: 3.6973  
Iteration: 1790; Percent complete: 44.8%; Average loss: 3.7834  
Iteration: 1791; Percent complete: 44.8%; Average loss: 3.7981  
Iteration: 1792; Percent complete: 44.8%; Average loss: 3.5909  
Iteration: 1793; Percent complete: 44.8%; Average loss: 3.8306  
Iteration: 1794; Percent complete: 44.9%; Average loss: 3.4666  
Iteration: 1795; Percent complete: 44.9%; Average loss: 3.9463  
Iteration: 1796; Percent complete: 44.9%; Average loss: 3.8802  
Iteration: 1797; Percent complete: 44.9%; Average loss: 3.9306  
Iteration: 1798; Percent complete: 45.0%; Average loss: 3.8334  
Iteration: 1799; Percent complete: 45.0%; Average loss: 3.4240  
Iteration: 1800; Percent complete: 45.0%; Average loss: 3.8376  
Iteration: 1801; Percent complete: 45.0%; Average loss: 3.9693  
Iteration: 1802; Percent complete: 45.1%; Average loss: 3.4970  
Iteration: 1803; Percent complete: 45.1%; Average loss: 3.6145  
Iteration: 1804; Percent complete: 45.1%; Average loss: 3.8055  
Iteration: 1805; Percent complete: 45.1%; Average loss: 3.7309  
Iteration: 1806; Percent complete: 45.1%; Average loss: 3.5580  
Iteration: 1807; Percent complete: 45.2%; Average loss: 3.7967  
Iteration: 1808; Percent complete: 45.2%; Average loss: 3.9352  
Iteration: 1809; Percent complete: 45.2%; Average loss: 3.7036  
Iteration: 1810; Percent complete: 45.2%; Average loss: 4.1855  
Iteration: 1811; Percent complete: 45.3%; Average loss: 3.7844  
Iteration: 1812; Percent complete: 45.3%; Average loss: 4.1671  
Iteration: 1813; Percent complete: 45.3%; Average loss: 3.7631  
Iteration: 1814; Percent complete: 45.4%; Average loss: 3.8900  
Iteration: 1815; Percent complete: 45.4%; Average loss: 4.2293  
Iteration: 1816; Percent complete: 45.4%; Average loss: 4.2169  
Iteration: 1817; Percent complete: 45.4%; Average loss: 3.7919  
Iteration: 1818; Percent complete: 45.5%; Average loss: 3.7123  
Iteration: 1819; Percent complete: 45.5%; Average loss: 3.7730  
Iteration: 1820; Percent complete: 45.5%; Average loss: 3.5300  
Iteration: 1821; Percent complete: 45.5%; Average loss: 3.9028  
Iteration: 1822; Percent complete: 45.6%; Average loss: 3.6060  
Iteration: 1823; Percent complete: 45.6%; Average loss: 3.8071  
Iteration: 1824; Percent complete: 45.6%; Average loss: 3.8585  
Iteration: 1825; Percent complete: 45.6%; Average loss: 3.7900  
Iteration: 1826; Percent complete: 45.6%; Average loss: 4.1430  
Iteration: 1827; Percent complete: 45.7%; Average loss: 3.6682  
Iteration: 1828; Percent complete: 45.7%; Average loss: 4.0814  
Iteration: 1829; Percent complete: 45.7%; Average loss: 3.7808  
Iteration: 1830; Percent complete: 45.8%; Average loss: 3.9015  
Iteration: 1831; Percent complete: 45.8%; Average loss: 3.7853  
Iteration: 1832; Percent complete: 45.8%; Average loss: 3.9782  
Iteration: 1833; Percent complete: 45.8%; Average loss: 3.8605  
Iteration: 1834; Percent complete: 45.9%; Average loss: 3.8429  
Iteration: 1835; Percent complete: 45.9%; Average loss: 3.6264  
Iteration: 1836; Percent complete: 45.9%; Average loss: 3.7804  
Iteration: 1837; Percent complete: 45.9%; Average loss: 3.5893  
Iteration: 1838; Percent complete: 46.0%; Average loss: 3.9231  
Iteration: 1839; Percent complete: 46.0%; Average loss: 3.8127  
Iteration: 1840; Percent complete: 46.0%; Average loss: 3.9244  
Iteration: 1841; Percent complete: 46.0%; Average loss: 3.7121  
Iteration: 1842; Percent complete: 46.1%; Average loss: 3.5435  
Iteration: 1843; Percent complete: 46.1%; Average loss: 3.9740  
Iteration: 1844; Percent complete: 46.1%; Average loss: 3.5390  
Iteration: 1845; Percent complete: 46.1%; Average loss: 3.4102  
Iteration: 1846; Percent complete: 46.2%; Average loss: 4.1962  
Iteration: 1847; Percent complete: 46.2%; Average loss: 4.1552  
Iteration: 1848; Percent complete: 46.2%; Average loss: 3.6545  
Iteration: 1849; Percent complete: 46.2%; Average loss: 3.8567  
Iteration: 1850; Percent complete: 46.2%; Average loss: 3.4475  
Iteration: 1851; Percent complete: 46.3%; Average loss: 4.3083

Iteration: 1852; Percent complete: 46.3%; Average loss: 3.6933  
Iteration: 1853; Percent complete: 46.3%; Average loss: 3.5686  
Iteration: 1854; Percent complete: 46.4%; Average loss: 3.8879  
Iteration: 1855; Percent complete: 46.4%; Average loss: 3.7296  
Iteration: 1856; Percent complete: 46.4%; Average loss: 4.0216  
Iteration: 1857; Percent complete: 46.4%; Average loss: 3.4869  
Iteration: 1858; Percent complete: 46.5%; Average loss: 3.8252  
Iteration: 1859; Percent complete: 46.5%; Average loss: 3.8140  
Iteration: 1860; Percent complete: 46.5%; Average loss: 3.8900  
Iteration: 1861; Percent complete: 46.5%; Average loss: 3.7809  
Iteration: 1862; Percent complete: 46.6%; Average loss: 3.8129  
Iteration: 1863; Percent complete: 46.6%; Average loss: 4.0926  
Iteration: 1864; Percent complete: 46.6%; Average loss: 3.8614  
Iteration: 1865; Percent complete: 46.6%; Average loss: 4.0769  
Iteration: 1866; Percent complete: 46.7%; Average loss: 4.1415  
Iteration: 1867; Percent complete: 46.7%; Average loss: 3.9553  
Iteration: 1868; Percent complete: 46.7%; Average loss: 3.5868  
Iteration: 1869; Percent complete: 46.7%; Average loss: 3.6770  
Iteration: 1870; Percent complete: 46.8%; Average loss: 3.8204  
Iteration: 1871; Percent complete: 46.8%; Average loss: 3.5389  
Iteration: 1872; Percent complete: 46.8%; Average loss: 3.9415  
Iteration: 1873; Percent complete: 46.8%; Average loss: 3.8721  
Iteration: 1874; Percent complete: 46.9%; Average loss: 4.3463  
Iteration: 1875; Percent complete: 46.9%; Average loss: 3.7235  
Iteration: 1876; Percent complete: 46.9%; Average loss: 3.9402  
Iteration: 1877; Percent complete: 46.9%; Average loss: 3.9581  
Iteration: 1878; Percent complete: 46.9%; Average loss: 4.3613  
Iteration: 1879; Percent complete: 47.0%; Average loss: 3.6556  
Iteration: 1880; Percent complete: 47.0%; Average loss: 4.0889  
Iteration: 1881; Percent complete: 47.0%; Average loss: 3.9247  
Iteration: 1882; Percent complete: 47.0%; Average loss: 3.7495  
Iteration: 1883; Percent complete: 47.1%; Average loss: 4.0098  
Iteration: 1884; Percent complete: 47.1%; Average loss: 3.4610  
Iteration: 1885; Percent complete: 47.1%; Average loss: 3.6842  
Iteration: 1886; Percent complete: 47.1%; Average loss: 3.7157  
Iteration: 1887; Percent complete: 47.2%; Average loss: 4.2472  
Iteration: 1888; Percent complete: 47.2%; Average loss: 3.5567  
Iteration: 1889; Percent complete: 47.2%; Average loss: 3.8717  
Iteration: 1890; Percent complete: 47.2%; Average loss: 4.0577  
Iteration: 1891; Percent complete: 47.3%; Average loss: 4.2559  
Iteration: 1892; Percent complete: 47.3%; Average loss: 3.9367  
Iteration: 1893; Percent complete: 47.3%; Average loss: 4.1746  
Iteration: 1894; Percent complete: 47.3%; Average loss: 3.7165  
Iteration: 1895; Percent complete: 47.4%; Average loss: 3.8727  
Iteration: 1896; Percent complete: 47.4%; Average loss: 3.8308  
Iteration: 1897; Percent complete: 47.4%; Average loss: 4.2238  
Iteration: 1898; Percent complete: 47.4%; Average loss: 3.8405  
Iteration: 1899; Percent complete: 47.5%; Average loss: 3.7643  
Iteration: 1900; Percent complete: 47.5%; Average loss: 3.9260  
Iteration: 1901; Percent complete: 47.5%; Average loss: 3.9431  
Iteration: 1902; Percent complete: 47.5%; Average loss: 3.9589  
Iteration: 1903; Percent complete: 47.6%; Average loss: 4.0598  
Iteration: 1904; Percent complete: 47.6%; Average loss: 3.8266  
Iteration: 1905; Percent complete: 47.6%; Average loss: 3.8399  
Iteration: 1906; Percent complete: 47.6%; Average loss: 3.7518  
Iteration: 1907; Percent complete: 47.7%; Average loss: 3.4540  
Iteration: 1908; Percent complete: 47.7%; Average loss: 3.8291  
Iteration: 1909; Percent complete: 47.7%; Average loss: 3.8651  
Iteration: 1910; Percent complete: 47.8%; Average loss: 4.0556  
Iteration: 1911; Percent complete: 47.8%; Average loss: 3.4401  
Iteration: 1912; Percent complete: 47.8%; Average loss: 4.3411  
Iteration: 1913; Percent complete: 47.8%; Average loss: 4.1588  
Iteration: 1914; Percent complete: 47.9%; Average loss: 3.6358  
Iteration: 1915; Percent complete: 47.9%; Average loss: 4.0024  
Iteration: 1916; Percent complete: 47.9%; Average loss: 3.8178  
Iteration: 1917; Percent complete: 47.9%; Average loss: 3.7089  
Iteration: 1918; Percent complete: 47.9%; Average loss: 4.4050  
Iteration: 1919; Percent complete: 48.0%; Average loss: 3.7511  
Iteration: 1920; Percent complete: 48.0%; Average loss: 3.5079  
Iteration: 1921; Percent complete: 48.0%; Average loss: 3.9109  
Iteration: 1922; Percent complete: 48.0%; Average loss: 3.6731  
Iteration: 1923; Percent complete: 48.1%; Average loss: 3.7896  
Iteration: 1924; Percent complete: 48.1%; Average loss: 3.8415  
Iteration: 1925; Percent complete: 48.1%; Average loss: 3.8331  
Iteration: 1926; Percent complete: 48.1%; Average loss: 3.8293  
Iteration: 1927; Percent complete: 48.2%; Average loss: 3.9319  
Iteration: 1928; Percent complete: 48.2%; Average loss: 3.7535  
Iteration: 1929; Percent complete: 48.2%; Average loss: 3.9896  
Iteration: 1930; Percent complete: 48.2%; Average loss: 3.6417  
Iteration: 1931; Percent complete: 48.3%; Average loss: 3.6694  
Iteration: 1932; Percent complete: 48.3%; Average loss: 3.7951  
Iteration: 1933; Percent complete: 48.3%; Average loss: 4.0966  
Iteration: 1934; Percent complete: 48.4%; Average loss: 3.5957  
Iteration: 1935; Percent complete: 48.4%; Average loss: 4.0564  
Iteration: 1936; Percent complete: 48.4%; Average loss: 3.4735  
Iteration: 1937; Percent complete: 48.4%; Average loss: 3.7913  
Iteration: 1938; Percent complete: 48.4%; Average loss: 4.0295  
Iteration: 1939; Percent complete: 48.5%; Average loss: 3.6829  
Iteration: 1940; Percent complete: 48.5%; Average loss: 3.8461  
Iteration: 1941; Percent complete: 48.5%; Average loss: 3.8397  
Iteration: 1942; Percent complete: 48.5%; Average loss: 3.7076  
Iteration: 1943; Percent complete: 48.6%; Average loss: 3.4066

Iteration: 1943; Percent complete: 48.6%; Average loss: 3.4960  
Iteration: 1944; Percent complete: 48.6%; Average loss: 3.8013  
Iteration: 1945; Percent complete: 48.6%; Average loss: 3.9439  
Iteration: 1946; Percent complete: 48.6%; Average loss: 3.9950  
Iteration: 1947; Percent complete: 48.7%; Average loss: 3.6797  
Iteration: 1948; Percent complete: 48.7%; Average loss: 3.8613  
Iteration: 1949; Percent complete: 48.7%; Average loss: 3.4458  
Iteration: 1950; Percent complete: 48.8%; Average loss: 3.8695  
Iteration: 1951; Percent complete: 48.8%; Average loss: 3.9252  
Iteration: 1952; Percent complete: 48.8%; Average loss: 3.5657  
Iteration: 1953; Percent complete: 48.8%; Average loss: 4.2039  
Iteration: 1954; Percent complete: 48.9%; Average loss: 3.7494  
Iteration: 1955; Percent complete: 48.9%; Average loss: 4.0008  
Iteration: 1956; Percent complete: 48.9%; Average loss: 3.6583  
Iteration: 1957; Percent complete: 48.9%; Average loss: 3.8945  
Iteration: 1958; Percent complete: 48.9%; Average loss: 4.2413  
Iteration: 1959; Percent complete: 49.0%; Average loss: 3.7744  
Iteration: 1960; Percent complete: 49.0%; Average loss: 3.6393  
Iteration: 1961; Percent complete: 49.0%; Average loss: 3.7671  
Iteration: 1962; Percent complete: 49.0%; Average loss: 3.6812  
Iteration: 1963; Percent complete: 49.1%; Average loss: 4.0608  
Iteration: 1964; Percent complete: 49.1%; Average loss: 3.9877  
Iteration: 1965; Percent complete: 49.1%; Average loss: 4.1938  
Iteration: 1966; Percent complete: 49.1%; Average loss: 3.9063  
Iteration: 1967; Percent complete: 49.2%; Average loss: 3.7519  
Iteration: 1968; Percent complete: 49.2%; Average loss: 3.7281  
Iteration: 1969; Percent complete: 49.2%; Average loss: 3.8931  
Iteration: 1970; Percent complete: 49.2%; Average loss: 3.9233  
Iteration: 1971; Percent complete: 49.3%; Average loss: 3.9788  
Iteration: 1972; Percent complete: 49.3%; Average loss: 3.6702  
Iteration: 1973; Percent complete: 49.3%; Average loss: 3.7862  
Iteration: 1974; Percent complete: 49.4%; Average loss: 3.5397  
Iteration: 1975; Percent complete: 49.4%; Average loss: 3.9030  
Iteration: 1976; Percent complete: 49.4%; Average loss: 4.0196  
Iteration: 1977; Percent complete: 49.4%; Average loss: 3.5975  
Iteration: 1978; Percent complete: 49.5%; Average loss: 3.6016  
Iteration: 1979; Percent complete: 49.5%; Average loss: 3.9742  
Iteration: 1980; Percent complete: 49.5%; Average loss: 4.3620  
Iteration: 1981; Percent complete: 49.5%; Average loss: 4.2975  
Iteration: 1982; Percent complete: 49.5%; Average loss: 4.1260  
Iteration: 1983; Percent complete: 49.6%; Average loss: 4.0926  
Iteration: 1984; Percent complete: 49.6%; Average loss: 3.9279  
Iteration: 1985; Percent complete: 49.6%; Average loss: 3.7390  
Iteration: 1986; Percent complete: 49.6%; Average loss: 3.8570  
Iteration: 1987; Percent complete: 49.7%; Average loss: 3.7854  
Iteration: 1988; Percent complete: 49.7%; Average loss: 3.6335  
Iteration: 1989; Percent complete: 49.7%; Average loss: 3.6454  
Iteration: 1990; Percent complete: 49.8%; Average loss: 3.7306  
Iteration: 1991; Percent complete: 49.8%; Average loss: 3.7841  
Iteration: 1992; Percent complete: 49.8%; Average loss: 3.9698  
Iteration: 1993; Percent complete: 49.8%; Average loss: 3.6223  
Iteration: 1994; Percent complete: 49.9%; Average loss: 3.7589  
Iteration: 1995; Percent complete: 49.9%; Average loss: 3.6558  
Iteration: 1996; Percent complete: 49.9%; Average loss: 3.6345  
Iteration: 1997; Percent complete: 49.9%; Average loss: 3.7891  
Iteration: 1998; Percent complete: 50.0%; Average loss: 4.1892  
Iteration: 1999; Percent complete: 50.0%; Average loss: 4.0183  
Iteration: 2000; Percent complete: 50.0%; Average loss: 3.9636  
Iteration: 2001; Percent complete: 50.0%; Average loss: 3.8601  
Iteration: 2002; Percent complete: 50.0%; Average loss: 3.9476  
Iteration: 2003; Percent complete: 50.1%; Average loss: 3.8640  
Iteration: 2004; Percent complete: 50.1%; Average loss: 3.7925  
Iteration: 2005; Percent complete: 50.1%; Average loss: 3.7311  
Iteration: 2006; Percent complete: 50.1%; Average loss: 3.7145  
Iteration: 2007; Percent complete: 50.2%; Average loss: 4.0921  
Iteration: 2008; Percent complete: 50.2%; Average loss: 3.8116  
Iteration: 2009; Percent complete: 50.2%; Average loss: 3.8239  
Iteration: 2010; Percent complete: 50.2%; Average loss: 3.6679  
Iteration: 2011; Percent complete: 50.3%; Average loss: 3.8068  
Iteration: 2012; Percent complete: 50.3%; Average loss: 3.9131  
Iteration: 2013; Percent complete: 50.3%; Average loss: 3.9358  
Iteration: 2014; Percent complete: 50.3%; Average loss: 4.0957  
Iteration: 2015; Percent complete: 50.4%; Average loss: 3.7966  
Iteration: 2016; Percent complete: 50.4%; Average loss: 3.7205  
Iteration: 2017; Percent complete: 50.4%; Average loss: 3.6306  
Iteration: 2018; Percent complete: 50.4%; Average loss: 3.9887  
Iteration: 2019; Percent complete: 50.5%; Average loss: 3.6763  
Iteration: 2020; Percent complete: 50.5%; Average loss: 3.5859  
Iteration: 2021; Percent complete: 50.5%; Average loss: 4.1107  
Iteration: 2022; Percent complete: 50.5%; Average loss: 3.6602  
Iteration: 2023; Percent complete: 50.6%; Average loss: 3.7380  
Iteration: 2024; Percent complete: 50.6%; Average loss: 3.5340  
Iteration: 2025; Percent complete: 50.6%; Average loss: 3.4448  
Iteration: 2026; Percent complete: 50.6%; Average loss: 3.9955  
Iteration: 2027; Percent complete: 50.7%; Average loss: 3.8765  
Iteration: 2028; Percent complete: 50.7%; Average loss: 3.5566  
Iteration: 2029; Percent complete: 50.7%; Average loss: 3.4183  
Iteration: 2030; Percent complete: 50.7%; Average loss: 3.9832  
Iteration: 2031; Percent complete: 50.8%; Average loss: 3.5758  
Iteration: 2032; Percent complete: 50.8%; Average loss: 3.8698  
Iteration: 2033; Percent complete: 50.8%; Average loss: 4.4163  
Iteration: 2034; Percent complete: 50.8%; Average loss: 3.7513

Iteration: 2035; Percent complete: 50.9%; Average loss: 3.4618  
Iteration: 2036; Percent complete: 50.9%; Average loss: 3.6595  
Iteration: 2037; Percent complete: 50.9%; Average loss: 3.6224  
Iteration: 2038; Percent complete: 50.9%; Average loss: 3.9527  
Iteration: 2039; Percent complete: 51.0%; Average loss: 3.8407  
Iteration: 2040; Percent complete: 51.0%; Average loss: 3.5700  
Iteration: 2041; Percent complete: 51.0%; Average loss: 4.0655  
Iteration: 2042; Percent complete: 51.0%; Average loss: 3.6485  
Iteration: 2043; Percent complete: 51.1%; Average loss: 4.0706  
Iteration: 2044; Percent complete: 51.1%; Average loss: 3.7737  
Iteration: 2045; Percent complete: 51.1%; Average loss: 4.0238  
Iteration: 2046; Percent complete: 51.1%; Average loss: 3.5120  
Iteration: 2047; Percent complete: 51.2%; Average loss: 4.0950  
Iteration: 2048; Percent complete: 51.2%; Average loss: 3.6482  
Iteration: 2049; Percent complete: 51.2%; Average loss: 3.7935  
Iteration: 2050; Percent complete: 51.2%; Average loss: 3.9749  
Iteration: 2051; Percent complete: 51.3%; Average loss: 3.7867  
Iteration: 2052; Percent complete: 51.3%; Average loss: 4.2039  
Iteration: 2053; Percent complete: 51.3%; Average loss: 3.9312  
Iteration: 2054; Percent complete: 51.3%; Average loss: 4.1003  
Iteration: 2055; Percent complete: 51.4%; Average loss: 3.9215  
Iteration: 2056; Percent complete: 51.4%; Average loss: 4.0545  
Iteration: 2057; Percent complete: 51.4%; Average loss: 3.8647  
Iteration: 2058; Percent complete: 51.4%; Average loss: 3.8539  
Iteration: 2059; Percent complete: 51.5%; Average loss: 3.6717  
Iteration: 2060; Percent complete: 51.5%; Average loss: 3.8677  
Iteration: 2061; Percent complete: 51.5%; Average loss: 4.0473  
Iteration: 2062; Percent complete: 51.5%; Average loss: 3.4934  
Iteration: 2063; Percent complete: 51.6%; Average loss: 3.8661  
Iteration: 2064; Percent complete: 51.6%; Average loss: 3.8818  
Iteration: 2065; Percent complete: 51.6%; Average loss: 3.8362  
Iteration: 2066; Percent complete: 51.6%; Average loss: 3.4933  
Iteration: 2067; Percent complete: 51.7%; Average loss: 3.8127  
Iteration: 2068; Percent complete: 51.7%; Average loss: 3.8454  
Iteration: 2069; Percent complete: 51.7%; Average loss: 3.8588  
Iteration: 2070; Percent complete: 51.7%; Average loss: 4.1655  
Iteration: 2071; Percent complete: 51.8%; Average loss: 4.1215  
Iteration: 2072; Percent complete: 51.8%; Average loss: 3.7844  
Iteration: 2073; Percent complete: 51.8%; Average loss: 3.7738  
Iteration: 2074; Percent complete: 51.8%; Average loss: 3.5734  
Iteration: 2075; Percent complete: 51.9%; Average loss: 3.9729  
Iteration: 2076; Percent complete: 51.9%; Average loss: 3.6675  
Iteration: 2077; Percent complete: 51.9%; Average loss: 3.5784  
Iteration: 2078; Percent complete: 51.9%; Average loss: 3.9597  
Iteration: 2079; Percent complete: 52.0%; Average loss: 3.9967  
Iteration: 2080; Percent complete: 52.0%; Average loss: 3.7282  
Iteration: 2081; Percent complete: 52.0%; Average loss: 4.0135  
Iteration: 2082; Percent complete: 52.0%; Average loss: 3.6173  
Iteration: 2083; Percent complete: 52.1%; Average loss: 3.1815  
Iteration: 2084; Percent complete: 52.1%; Average loss: 3.9300  
Iteration: 2085; Percent complete: 52.1%; Average loss: 3.7066  
Iteration: 2086; Percent complete: 52.1%; Average loss: 3.8829  
Iteration: 2087; Percent complete: 52.2%; Average loss: 3.4445  
Iteration: 2088; Percent complete: 52.2%; Average loss: 3.6651  
Iteration: 2089; Percent complete: 52.2%; Average loss: 4.0451  
Iteration: 2090; Percent complete: 52.2%; Average loss: 3.0249  
Iteration: 2091; Percent complete: 52.3%; Average loss: 3.7579  
Iteration: 2092; Percent complete: 52.3%; Average loss: 4.1275  
Iteration: 2093; Percent complete: 52.3%; Average loss: 3.9751  
Iteration: 2094; Percent complete: 52.3%; Average loss: 3.8006  
Iteration: 2095; Percent complete: 52.4%; Average loss: 3.5886  
Iteration: 2096; Percent complete: 52.4%; Average loss: 3.5719  
Iteration: 2097; Percent complete: 52.4%; Average loss: 3.5774  
Iteration: 2098; Percent complete: 52.4%; Average loss: 3.9323  
Iteration: 2099; Percent complete: 52.5%; Average loss: 3.4242  
Iteration: 2100; Percent complete: 52.5%; Average loss: 3.6119  
Iteration: 2101; Percent complete: 52.5%; Average loss: 4.0529  
Iteration: 2102; Percent complete: 52.5%; Average loss: 3.8581  
Iteration: 2103; Percent complete: 52.6%; Average loss: 3.4675  
Iteration: 2104; Percent complete: 52.6%; Average loss: 4.3878  
Iteration: 2105; Percent complete: 52.6%; Average loss: 3.6718  
Iteration: 2106; Percent complete: 52.6%; Average loss: 3.6160  
Iteration: 2107; Percent complete: 52.7%; Average loss: 3.6220  
Iteration: 2108; Percent complete: 52.7%; Average loss: 3.8195  
Iteration: 2109; Percent complete: 52.7%; Average loss: 4.0247  
Iteration: 2110; Percent complete: 52.8%; Average loss: 4.2252  
Iteration: 2111; Percent complete: 52.8%; Average loss: 3.9356  
Iteration: 2112; Percent complete: 52.8%; Average loss: 3.7531  
Iteration: 2113; Percent complete: 52.8%; Average loss: 4.0151  
Iteration: 2114; Percent complete: 52.8%; Average loss: 3.5040  
Iteration: 2115; Percent complete: 52.9%; Average loss: 3.5348  
Iteration: 2116; Percent complete: 52.9%; Average loss: 3.5553  
Iteration: 2117; Percent complete: 52.9%; Average loss: 4.0451  
Iteration: 2118; Percent complete: 52.9%; Average loss: 3.4806  
Iteration: 2119; Percent complete: 53.0%; Average loss: 4.0319  
Iteration: 2120; Percent complete: 53.0%; Average loss: 3.7162  
Iteration: 2121; Percent complete: 53.0%; Average loss: 3.8077  
Iteration: 2122; Percent complete: 53.0%; Average loss: 3.6149  
Iteration: 2123; Percent complete: 53.1%; Average loss: 3.6798  
Iteration: 2124; Percent complete: 53.1%; Average loss: 3.8187  
Iteration: 2125; Percent complete: 53.1%; Average loss: 4.0081

Iteration: 2126; Percent complete: 53.1%; Average loss: 3.8685  
Iteration: 2127; Percent complete: 53.2%; Average loss: 3.7990  
Iteration: 2128; Percent complete: 53.2%; Average loss: 3.7257  
Iteration: 2129; Percent complete: 53.2%; Average loss: 4.0261  
Iteration: 2130; Percent complete: 53.2%; Average loss: 4.0586  
Iteration: 2131; Percent complete: 53.3%; Average loss: 3.5732  
Iteration: 2132; Percent complete: 53.3%; Average loss: 3.8727  
Iteration: 2133; Percent complete: 53.3%; Average loss: 3.7599  
Iteration: 2134; Percent complete: 53.3%; Average loss: 4.1413  
Iteration: 2135; Percent complete: 53.4%; Average loss: 3.6115  
Iteration: 2136; Percent complete: 53.4%; Average loss: 3.9285  
Iteration: 2137; Percent complete: 53.4%; Average loss: 3.4610  
Iteration: 2138; Percent complete: 53.4%; Average loss: 3.7130  
Iteration: 2139; Percent complete: 53.5%; Average loss: 4.2661  
Iteration: 2140; Percent complete: 53.5%; Average loss: 3.7910  
Iteration: 2141; Percent complete: 53.5%; Average loss: 4.1378  
Iteration: 2142; Percent complete: 53.5%; Average loss: 3.7954  
Iteration: 2143; Percent complete: 53.6%; Average loss: 4.2048  
Iteration: 2144; Percent complete: 53.6%; Average loss: 3.9982  
Iteration: 2145; Percent complete: 53.6%; Average loss: 3.7766  
Iteration: 2146; Percent complete: 53.6%; Average loss: 3.5511  
Iteration: 2147; Percent complete: 53.7%; Average loss: 3.9258  
Iteration: 2148; Percent complete: 53.7%; Average loss: 4.1287  
Iteration: 2149; Percent complete: 53.7%; Average loss: 3.4592  
Iteration: 2150; Percent complete: 53.8%; Average loss: 3.8761  
Iteration: 2151; Percent complete: 53.8%; Average loss: 3.5297  
Iteration: 2152; Percent complete: 53.8%; Average loss: 3.2775  
Iteration: 2153; Percent complete: 53.8%; Average loss: 3.7831  
Iteration: 2154; Percent complete: 53.8%; Average loss: 3.9300  
Iteration: 2155; Percent complete: 53.9%; Average loss: 3.7968  
Iteration: 2156; Percent complete: 53.9%; Average loss: 3.9314  
Iteration: 2157; Percent complete: 53.9%; Average loss: 3.1831  
Iteration: 2158; Percent complete: 53.9%; Average loss: 3.5529  
Iteration: 2159; Percent complete: 54.0%; Average loss: 4.1300  
Iteration: 2160; Percent complete: 54.0%; Average loss: 4.2222  
Iteration: 2161; Percent complete: 54.0%; Average loss: 3.4472  
Iteration: 2162; Percent complete: 54.0%; Average loss: 3.7569  
Iteration: 2163; Percent complete: 54.1%; Average loss: 3.7987  
Iteration: 2164; Percent complete: 54.1%; Average loss: 3.7369  
Iteration: 2165; Percent complete: 54.1%; Average loss: 3.4837  
Iteration: 2166; Percent complete: 54.1%; Average loss: 3.7769  
Iteration: 2167; Percent complete: 54.2%; Average loss: 3.8561  
Iteration: 2168; Percent complete: 54.2%; Average loss: 4.0442  
Iteration: 2169; Percent complete: 54.2%; Average loss: 3.6863  
Iteration: 2170; Percent complete: 54.2%; Average loss: 3.9015  
Iteration: 2171; Percent complete: 54.3%; Average loss: 3.9530  
Iteration: 2172; Percent complete: 54.3%; Average loss: 3.7029  
Iteration: 2173; Percent complete: 54.3%; Average loss: 4.0568  
Iteration: 2174; Percent complete: 54.4%; Average loss: 3.6636  
Iteration: 2175; Percent complete: 54.4%; Average loss: 3.3789  
Iteration: 2176; Percent complete: 54.4%; Average loss: 3.5861  
Iteration: 2177; Percent complete: 54.4%; Average loss: 3.6478  
Iteration: 2178; Percent complete: 54.4%; Average loss: 3.7313  
Iteration: 2179; Percent complete: 54.5%; Average loss: 4.2994  
Iteration: 2180; Percent complete: 54.5%; Average loss: 3.9211  
Iteration: 2181; Percent complete: 54.5%; Average loss: 3.5253  
Iteration: 2182; Percent complete: 54.5%; Average loss: 3.8169  
Iteration: 2183; Percent complete: 54.6%; Average loss: 3.7794  
Iteration: 2184; Percent complete: 54.6%; Average loss: 3.5759  
Iteration: 2185; Percent complete: 54.6%; Average loss: 3.5973  
Iteration: 2186; Percent complete: 54.6%; Average loss: 4.0923  
Iteration: 2187; Percent complete: 54.7%; Average loss: 3.7249  
Iteration: 2188; Percent complete: 54.7%; Average loss: 3.7150  
Iteration: 2189; Percent complete: 54.7%; Average loss: 3.8725  
Iteration: 2190; Percent complete: 54.8%; Average loss: 3.5928  
Iteration: 2191; Percent complete: 54.8%; Average loss: 3.8922  
Iteration: 2192; Percent complete: 54.8%; Average loss: 3.6286  
Iteration: 2193; Percent complete: 54.8%; Average loss: 4.1362  
Iteration: 2194; Percent complete: 54.9%; Average loss: 3.8450  
Iteration: 2195; Percent complete: 54.9%; Average loss: 3.7717  
Iteration: 2196; Percent complete: 54.9%; Average loss: 3.6815  
Iteration: 2197; Percent complete: 54.9%; Average loss: 4.0500  
Iteration: 2198; Percent complete: 54.9%; Average loss: 4.0063  
Iteration: 2199; Percent complete: 55.0%; Average loss: 3.7857  
Iteration: 2200; Percent complete: 55.0%; Average loss: 3.8083  
Iteration: 2201; Percent complete: 55.0%; Average loss: 3.3347  
Iteration: 2202; Percent complete: 55.0%; Average loss: 3.5154  
Iteration: 2203; Percent complete: 55.1%; Average loss: 3.7762  
Iteration: 2204; Percent complete: 55.1%; Average loss: 3.5036  
Iteration: 2205; Percent complete: 55.1%; Average loss: 3.9216  
Iteration: 2206; Percent complete: 55.1%; Average loss: 3.6348  
Iteration: 2207; Percent complete: 55.2%; Average loss: 3.6656  
Iteration: 2208; Percent complete: 55.2%; Average loss: 4.0002  
Iteration: 2209; Percent complete: 55.2%; Average loss: 3.5504  
Iteration: 2210; Percent complete: 55.2%; Average loss: 3.4243  
Iteration: 2211; Percent complete: 55.3%; Average loss: 3.7994  
Iteration: 2212; Percent complete: 55.3%; Average loss: 3.5641  
Iteration: 2213; Percent complete: 55.3%; Average loss: 3.9349  
Iteration: 2214; Percent complete: 55.4%; Average loss: 3.7622  
Iteration: 2215; Percent complete: 55.4%; Average loss: 3.9142  
Iteration: 2216; Percent complete: 55.4%; Average loss: 3.7841

Iteration: 2217; Percent complete: 55.4%; Average loss: 3.8004  
Iteration: 2218; Percent complete: 55.5%; Average loss: 4.1193  
Iteration: 2219; Percent complete: 55.5%; Average loss: 3.6364  
Iteration: 2220; Percent complete: 55.5%; Average loss: 4.0578  
Iteration: 2221; Percent complete: 55.5%; Average loss: 3.6457  
Iteration: 2222; Percent complete: 55.5%; Average loss: 3.9374  
Iteration: 2223; Percent complete: 55.6%; Average loss: 4.1809  
Iteration: 2224; Percent complete: 55.6%; Average loss: 3.8376  
Iteration: 2225; Percent complete: 55.6%; Average loss: 4.2099  
Iteration: 2226; Percent complete: 55.6%; Average loss: 4.0016  
Iteration: 2227; Percent complete: 55.7%; Average loss: 3.9979  
Iteration: 2228; Percent complete: 55.7%; Average loss: 3.6189  
Iteration: 2229; Percent complete: 55.7%; Average loss: 4.1761  
Iteration: 2230; Percent complete: 55.8%; Average loss: 3.6529  
Iteration: 2231; Percent complete: 55.8%; Average loss: 3.7040  
Iteration: 2232; Percent complete: 55.8%; Average loss: 3.8353  
Iteration: 2233; Percent complete: 55.8%; Average loss: 3.7716  
Iteration: 2234; Percent complete: 55.9%; Average loss: 4.1776  
Iteration: 2235; Percent complete: 55.9%; Average loss: 3.4369  
Iteration: 2236; Percent complete: 55.9%; Average loss: 4.0907  
Iteration: 2237; Percent complete: 55.9%; Average loss: 3.6590  
Iteration: 2238; Percent complete: 56.0%; Average loss: 3.7378  
Iteration: 2239; Percent complete: 56.0%; Average loss: 3.4430  
Iteration: 2240; Percent complete: 56.0%; Average loss: 3.8897  
Iteration: 2241; Percent complete: 56.0%; Average loss: 4.0364  
Iteration: 2242; Percent complete: 56.0%; Average loss: 3.7078  
Iteration: 2243; Percent complete: 56.1%; Average loss: 4.1287  
Iteration: 2244; Percent complete: 56.1%; Average loss: 3.5113  
Iteration: 2245; Percent complete: 56.1%; Average loss: 4.2168  
Iteration: 2246; Percent complete: 56.1%; Average loss: 4.0572  
Iteration: 2247; Percent complete: 56.2%; Average loss: 3.8763  
Iteration: 2248; Percent complete: 56.2%; Average loss: 4.5497  
Iteration: 2249; Percent complete: 56.2%; Average loss: 3.7829  
Iteration: 2250; Percent complete: 56.2%; Average loss: 3.9521  
Iteration: 2251; Percent complete: 56.3%; Average loss: 3.7703  
Iteration: 2252; Percent complete: 56.3%; Average loss: 3.7823  
Iteration: 2253; Percent complete: 56.3%; Average loss: 3.8890  
Iteration: 2254; Percent complete: 56.4%; Average loss: 3.8788  
Iteration: 2255; Percent complete: 56.4%; Average loss: 3.7577  
Iteration: 2256; Percent complete: 56.4%; Average loss: 3.9753  
Iteration: 2257; Percent complete: 56.4%; Average loss: 4.0811  
Iteration: 2258; Percent complete: 56.5%; Average loss: 3.6328  
Iteration: 2259; Percent complete: 56.5%; Average loss: 3.8077  
Iteration: 2260; Percent complete: 56.5%; Average loss: 3.8141  
Iteration: 2261; Percent complete: 56.5%; Average loss: 3.7990  
Iteration: 2262; Percent complete: 56.5%; Average loss: 4.0802  
Iteration: 2263; Percent complete: 56.6%; Average loss: 3.9561  
Iteration: 2264; Percent complete: 56.6%; Average loss: 3.6486  
Iteration: 2265; Percent complete: 56.6%; Average loss: 3.6889  
Iteration: 2266; Percent complete: 56.6%; Average loss: 3.8009  
Iteration: 2267; Percent complete: 56.7%; Average loss: 4.0458  
Iteration: 2268; Percent complete: 56.7%; Average loss: 3.7618  
Iteration: 2269; Percent complete: 56.7%; Average loss: 3.7312  
Iteration: 2270; Percent complete: 56.8%; Average loss: 3.9257  
Iteration: 2271; Percent complete: 56.8%; Average loss: 3.7068  
Iteration: 2272; Percent complete: 56.8%; Average loss: 3.9189  
Iteration: 2273; Percent complete: 56.8%; Average loss: 4.0947  
Iteration: 2274; Percent complete: 56.9%; Average loss: 3.6821  
Iteration: 2275; Percent complete: 56.9%; Average loss: 3.8546  
Iteration: 2276; Percent complete: 56.9%; Average loss: 3.6936  
Iteration: 2277; Percent complete: 56.9%; Average loss: 4.0159  
Iteration: 2278; Percent complete: 57.0%; Average loss: 4.0344  
Iteration: 2279; Percent complete: 57.0%; Average loss: 3.7857  
Iteration: 2280; Percent complete: 57.0%; Average loss: 3.8276  
Iteration: 2281; Percent complete: 57.0%; Average loss: 3.9310  
Iteration: 2282; Percent complete: 57.0%; Average loss: 3.5850  
Iteration: 2283; Percent complete: 57.1%; Average loss: 3.3994  
Iteration: 2284; Percent complete: 57.1%; Average loss: 3.5597  
Iteration: 2285; Percent complete: 57.1%; Average loss: 3.9070  
Iteration: 2286; Percent complete: 57.1%; Average loss: 4.2698  
Iteration: 2287; Percent complete: 57.2%; Average loss: 4.0597  
Iteration: 2288; Percent complete: 57.2%; Average loss: 3.5943  
Iteration: 2289; Percent complete: 57.2%; Average loss: 3.7178  
Iteration: 2290; Percent complete: 57.2%; Average loss: 3.8300  
Iteration: 2291; Percent complete: 57.3%; Average loss: 3.9827  
Iteration: 2292; Percent complete: 57.3%; Average loss: 3.9656  
Iteration: 2293; Percent complete: 57.3%; Average loss: 3.9897  
Iteration: 2294; Percent complete: 57.4%; Average loss: 3.7302  
Iteration: 2295; Percent complete: 57.4%; Average loss: 4.0597  
Iteration: 2296; Percent complete: 57.4%; Average loss: 4.2348  
Iteration: 2297; Percent complete: 57.4%; Average loss: 3.8466  
Iteration: 2298; Percent complete: 57.5%; Average loss: 3.9854  
Iteration: 2299; Percent complete: 57.5%; Average loss: 3.7358  
Iteration: 2300; Percent complete: 57.5%; Average loss: 3.5042  
Iteration: 2301; Percent complete: 57.5%; Average loss: 4.0961  
Iteration: 2302; Percent complete: 57.6%; Average loss: 3.8732  
Iteration: 2303; Percent complete: 57.6%; Average loss: 3.7878  
Iteration: 2304; Percent complete: 57.6%; Average loss: 3.8152  
Iteration: 2305; Percent complete: 57.6%; Average loss: 3.5248  
Iteration: 2306; Percent complete: 57.6%; Average loss: 3.7850  
Iteration: 2307; Percent complete: 57.7%; Average loss: 3.7972  
Iteration: 2308; Percent complete: 57.7%; Average loss: 3.6663

Iteration: 2308; Percent complete: 57.7%; Average loss: 3.8003  
Iteration: 2309; Percent complete: 57.7%; Average loss: 3.8759  
Iteration: 2310; Percent complete: 57.8%; Average loss: 3.6790  
Iteration: 2311; Percent complete: 57.8%; Average loss: 3.5704  
Iteration: 2312; Percent complete: 57.8%; Average loss: 3.8996  
Iteration: 2313; Percent complete: 57.8%; Average loss: 3.9321  
Iteration: 2314; Percent complete: 57.9%; Average loss: 4.1102  
Iteration: 2315; Percent complete: 57.9%; Average loss: 3.7561  
Iteration: 2316; Percent complete: 57.9%; Average loss: 3.8428  
Iteration: 2317; Percent complete: 57.9%; Average loss: 4.0515  
Iteration: 2318; Percent complete: 58.0%; Average loss: 4.1440  
Iteration: 2319; Percent complete: 58.0%; Average loss: 4.0135  
Iteration: 2320; Percent complete: 58.0%; Average loss: 3.9607  
Iteration: 2321; Percent complete: 58.0%; Average loss: 3.8725  
Iteration: 2322; Percent complete: 58.1%; Average loss: 4.2139  
Iteration: 2323; Percent complete: 58.1%; Average loss: 3.7641  
Iteration: 2324; Percent complete: 58.1%; Average loss: 4.1452  
Iteration: 2325; Percent complete: 58.1%; Average loss: 4.0116  
Iteration: 2326; Percent complete: 58.1%; Average loss: 3.6462  
Iteration: 2327; Percent complete: 58.2%; Average loss: 3.9195  
Iteration: 2328; Percent complete: 58.2%; Average loss: 4.2767  
Iteration: 2329; Percent complete: 58.2%; Average loss: 3.6715  
Iteration: 2330; Percent complete: 58.2%; Average loss: 3.4385  
Iteration: 2331; Percent complete: 58.3%; Average loss: 3.8982  
Iteration: 2332; Percent complete: 58.3%; Average loss: 3.5192  
Iteration: 2333; Percent complete: 58.3%; Average loss: 3.6955  
Iteration: 2334; Percent complete: 58.4%; Average loss: 4.1640  
Iteration: 2335; Percent complete: 58.4%; Average loss: 3.5759  
Iteration: 2336; Percent complete: 58.4%; Average loss: 3.9788  
Iteration: 2337; Percent complete: 58.4%; Average loss: 3.7418  
Iteration: 2338; Percent complete: 58.5%; Average loss: 3.9242  
Iteration: 2339; Percent complete: 58.5%; Average loss: 4.1560  
Iteration: 2340; Percent complete: 58.5%; Average loss: 3.9283  
Iteration: 2341; Percent complete: 58.5%; Average loss: 3.5592  
Iteration: 2342; Percent complete: 58.6%; Average loss: 3.8056  
Iteration: 2343; Percent complete: 58.6%; Average loss: 4.0759  
Iteration: 2344; Percent complete: 58.6%; Average loss: 3.8395  
Iteration: 2345; Percent complete: 58.6%; Average loss: 3.5546  
Iteration: 2346; Percent complete: 58.7%; Average loss: 3.9066  
Iteration: 2347; Percent complete: 58.7%; Average loss: 4.2246  
Iteration: 2348; Percent complete: 58.7%; Average loss: 4.0955  
Iteration: 2349; Percent complete: 58.7%; Average loss: 4.3290  
Iteration: 2350; Percent complete: 58.8%; Average loss: 3.7234  
Iteration: 2351; Percent complete: 58.8%; Average loss: 3.7111  
Iteration: 2352; Percent complete: 58.8%; Average loss: 3.9846  
Iteration: 2353; Percent complete: 58.8%; Average loss: 3.8420  
Iteration: 2354; Percent complete: 58.9%; Average loss: 3.8771  
Iteration: 2355; Percent complete: 58.9%; Average loss: 3.6723  
Iteration: 2356; Percent complete: 58.9%; Average loss: 3.8792  
Iteration: 2357; Percent complete: 58.9%; Average loss: 3.5519  
Iteration: 2358; Percent complete: 59.0%; Average loss: 3.7316  
Iteration: 2359; Percent complete: 59.0%; Average loss: 3.6779  
Iteration: 2360; Percent complete: 59.0%; Average loss: 3.8815  
Iteration: 2361; Percent complete: 59.0%; Average loss: 3.6257  
Iteration: 2362; Percent complete: 59.1%; Average loss: 3.9863  
Iteration: 2363; Percent complete: 59.1%; Average loss: 4.5071  
Iteration: 2364; Percent complete: 59.1%; Average loss: 3.6267  
Iteration: 2365; Percent complete: 59.1%; Average loss: 3.7307  
Iteration: 2366; Percent complete: 59.2%; Average loss: 3.9074  
Iteration: 2367; Percent complete: 59.2%; Average loss: 4.1392  
Iteration: 2368; Percent complete: 59.2%; Average loss: 3.7740  
Iteration: 2369; Percent complete: 59.2%; Average loss: 3.7492  
Iteration: 2370; Percent complete: 59.2%; Average loss: 3.6324  
Iteration: 2371; Percent complete: 59.3%; Average loss: 3.7970  
Iteration: 2372; Percent complete: 59.3%; Average loss: 3.8048  
Iteration: 2373; Percent complete: 59.3%; Average loss: 3.7388  
Iteration: 2374; Percent complete: 59.4%; Average loss: 3.4696  
Iteration: 2375; Percent complete: 59.4%; Average loss: 3.8899  
Iteration: 2376; Percent complete: 59.4%; Average loss: 3.5067  
Iteration: 2377; Percent complete: 59.4%; Average loss: 3.2576  
Iteration: 2378; Percent complete: 59.5%; Average loss: 4.1199  
Iteration: 2379; Percent complete: 59.5%; Average loss: 3.9054  
Iteration: 2380; Percent complete: 59.5%; Average loss: 4.0840  
Iteration: 2381; Percent complete: 59.5%; Average loss: 3.5396  
Iteration: 2382; Percent complete: 59.6%; Average loss: 3.7873  
Iteration: 2383; Percent complete: 59.6%; Average loss: 3.7957  
Iteration: 2384; Percent complete: 59.6%; Average loss: 4.0336  
Iteration: 2385; Percent complete: 59.6%; Average loss: 3.6360  
Iteration: 2386; Percent complete: 59.7%; Average loss: 3.7611  
Iteration: 2387; Percent complete: 59.7%; Average loss: 3.5332  
Iteration: 2388; Percent complete: 59.7%; Average loss: 3.3798  
Iteration: 2389; Percent complete: 59.7%; Average loss: 4.1478  
Iteration: 2390; Percent complete: 59.8%; Average loss: 3.8744  
Iteration: 2391; Percent complete: 59.8%; Average loss: 3.5878  
Iteration: 2392; Percent complete: 59.8%; Average loss: 3.9745  
Iteration: 2393; Percent complete: 59.8%; Average loss: 3.7747  
Iteration: 2394; Percent complete: 59.9%; Average loss: 3.8541  
Iteration: 2395; Percent complete: 59.9%; Average loss: 4.1275  
Iteration: 2396; Percent complete: 59.9%; Average loss: 3.5990  
Iteration: 2397; Percent complete: 59.9%; Average loss: 4.0050  
Iteration: 2398; Percent complete: 60.0%; Average loss: 3.7496  
Iteration: 2399; Percent complete: 60.0%; Average loss: 3.7517



Iteration: 2400; Percent complete: 60.0%; Average loss: 3.8960  
Iteration: 2401; Percent complete: 60.0%; Average loss: 3.6159  
Iteration: 2402; Percent complete: 60.1%; Average loss: 3.8072  
Iteration: 2403; Percent complete: 60.1%; Average loss: 3.8003  
Iteration: 2404; Percent complete: 60.1%; Average loss: 3.8592  
Iteration: 2405; Percent complete: 60.1%; Average loss: 3.8303  
Iteration: 2406; Percent complete: 60.2%; Average loss: 3.6460  
Iteration: 2407; Percent complete: 60.2%; Average loss: 3.4540  
Iteration: 2408; Percent complete: 60.2%; Average loss: 3.9218  
Iteration: 2409; Percent complete: 60.2%; Average loss: 3.6184  
Iteration: 2410; Percent complete: 60.2%; Average loss: 3.9185  
Iteration: 2411; Percent complete: 60.3%; Average loss: 4.0165  
Iteration: 2412; Percent complete: 60.3%; Average loss: 3.9929  
Iteration: 2413; Percent complete: 60.3%; Average loss: 3.9848  
Iteration: 2414; Percent complete: 60.4%; Average loss: 4.0792  
Iteration: 2415; Percent complete: 60.4%; Average loss: 4.1455  
Iteration: 2416; Percent complete: 60.4%; Average loss: 3.9595  
Iteration: 2417; Percent complete: 60.4%; Average loss: 3.9104  
Iteration: 2418; Percent complete: 60.5%; Average loss: 4.1687  
Iteration: 2419; Percent complete: 60.5%; Average loss: 3.7231  
Iteration: 2420; Percent complete: 60.5%; Average loss: 3.8563  
Iteration: 2421; Percent complete: 60.5%; Average loss: 3.8612  
Iteration: 2422; Percent complete: 60.6%; Average loss: 3.8747  
Iteration: 2423; Percent complete: 60.6%; Average loss: 3.9604  
Iteration: 2424; Percent complete: 60.6%; Average loss: 3.6418  
Iteration: 2425; Percent complete: 60.6%; Average loss: 3.8713  
Iteration: 2426; Percent complete: 60.7%; Average loss: 3.6211  
Iteration: 2427; Percent complete: 60.7%; Average loss: 3.5043  
Iteration: 2428; Percent complete: 60.7%; Average loss: 3.7127  
Iteration: 2429; Percent complete: 60.7%; Average loss: 3.9648  
Iteration: 2430; Percent complete: 60.8%; Average loss: 3.7840  
Iteration: 2431; Percent complete: 60.8%; Average loss: 4.0388  
Iteration: 2432; Percent complete: 60.8%; Average loss: 4.1603  
Iteration: 2433; Percent complete: 60.8%; Average loss: 3.8808  
Iteration: 2434; Percent complete: 60.9%; Average loss: 3.9413  
Iteration: 2435; Percent complete: 60.9%; Average loss: 3.6939  
Iteration: 2436; Percent complete: 60.9%; Average loss: 3.8765  
Iteration: 2437; Percent complete: 60.9%; Average loss: 3.4645  
Iteration: 2438; Percent complete: 61.0%; Average loss: 3.7592  
Iteration: 2439; Percent complete: 61.0%; Average loss: 3.7284  
Iteration: 2440; Percent complete: 61.0%; Average loss: 3.9412  
Iteration: 2441; Percent complete: 61.0%; Average loss: 4.0748  
Iteration: 2442; Percent complete: 61.1%; Average loss: 4.2766  
Iteration: 2443; Percent complete: 61.1%; Average loss: 3.7849  
Iteration: 2444; Percent complete: 61.1%; Average loss: 4.1555  
Iteration: 2445; Percent complete: 61.1%; Average loss: 3.7183  
Iteration: 2446; Percent complete: 61.2%; Average loss: 3.9252  
Iteration: 2447; Percent complete: 61.2%; Average loss: 3.5209  
Iteration: 2448; Percent complete: 61.2%; Average loss: 4.2154  
Iteration: 2449; Percent complete: 61.2%; Average loss: 3.6300  
Iteration: 2450; Percent complete: 61.3%; Average loss: 3.8630  
Iteration: 2451; Percent complete: 61.3%; Average loss: 3.6680  
Iteration: 2452; Percent complete: 61.3%; Average loss: 3.5871  
Iteration: 2453; Percent complete: 61.3%; Average loss: 3.9692  
Iteration: 2454; Percent complete: 61.4%; Average loss: 3.3934  
Iteration: 2455; Percent complete: 61.4%; Average loss: 3.6157  
Iteration: 2456; Percent complete: 61.4%; Average loss: 3.2327  
Iteration: 2457; Percent complete: 61.4%; Average loss: 3.7879  
Iteration: 2458; Percent complete: 61.5%; Average loss: 3.6050  
Iteration: 2459; Percent complete: 61.5%; Average loss: 3.7769  
Iteration: 2460; Percent complete: 61.5%; Average loss: 3.9913  
Iteration: 2461; Percent complete: 61.5%; Average loss: 4.0778  
Iteration: 2462; Percent complete: 61.6%; Average loss: 3.6044  
Iteration: 2463; Percent complete: 61.6%; Average loss: 3.4166  
Iteration: 2464; Percent complete: 61.6%; Average loss: 3.9919  
Iteration: 2465; Percent complete: 61.6%; Average loss: 3.9712  
Iteration: 2466; Percent complete: 61.7%; Average loss: 3.7666  
Iteration: 2467; Percent complete: 61.7%; Average loss: 4.0619  
Iteration: 2468; Percent complete: 61.7%; Average loss: 4.2919  
Iteration: 2469; Percent complete: 61.7%; Average loss: 3.9273  
Iteration: 2470; Percent complete: 61.8%; Average loss: 3.7703  
Iteration: 2471; Percent complete: 61.8%; Average loss: 3.8855  
Iteration: 2472; Percent complete: 61.8%; Average loss: 3.7697  
Iteration: 2473; Percent complete: 61.8%; Average loss: 4.1155  
Iteration: 2474; Percent complete: 61.9%; Average loss: 3.5767  
Iteration: 2475; Percent complete: 61.9%; Average loss: 3.9204  
Iteration: 2476; Percent complete: 61.9%; Average loss: 3.7006  
Iteration: 2477; Percent complete: 61.9%; Average loss: 3.8442  
Iteration: 2478; Percent complete: 62.0%; Average loss: 4.0816  
Iteration: 2479; Percent complete: 62.0%; Average loss: 3.9632  
Iteration: 2480; Percent complete: 62.0%; Average loss: 3.9865  
Iteration: 2481; Percent complete: 62.0%; Average loss: 3.9203  
Iteration: 2482; Percent complete: 62.1%; Average loss: 3.9568  
Iteration: 2483; Percent complete: 62.1%; Average loss: 3.8525  
Iteration: 2484; Percent complete: 62.1%; Average loss: 4.0942  
Iteration: 2485; Percent complete: 62.1%; Average loss: 4.2485  
Iteration: 2486; Percent complete: 62.2%; Average loss: 3.6999  
Iteration: 2487; Percent complete: 62.2%; Average loss: 3.7876  
Iteration: 2488; Percent complete: 62.2%; Average loss: 3.6840  
Iteration: 2489; Percent complete: 62.2%; Average loss: 3.8107  
Iteration: 2490; Percent complete: 62.3%; Average loss: 3.3525

Iteration: 2491; Percent complete: 62.3%; Average loss: 3.4652  
Iteration: 2492; Percent complete: 62.3%; Average loss: 3.8804  
Iteration: 2493; Percent complete: 62.3%; Average loss: 3.5563  
Iteration: 2494; Percent complete: 62.4%; Average loss: 3.4940  
Iteration: 2495; Percent complete: 62.4%; Average loss: 4.1169  
Iteration: 2496; Percent complete: 62.4%; Average loss: 3.9482  
Iteration: 2497; Percent complete: 62.4%; Average loss: 3.6538  
Iteration: 2498; Percent complete: 62.5%; Average loss: 3.5989  
Iteration: 2499; Percent complete: 62.5%; Average loss: 3.5906  
Iteration: 2500; Percent complete: 62.5%; Average loss: 3.9784  
Iteration: 2501; Percent complete: 62.5%; Average loss: 3.6799  
Iteration: 2502; Percent complete: 62.5%; Average loss: 4.1328  
Iteration: 2503; Percent complete: 62.6%; Average loss: 3.9384  
Iteration: 2504; Percent complete: 62.6%; Average loss: 4.1029  
Iteration: 2505; Percent complete: 62.6%; Average loss: 3.9610  
Iteration: 2506; Percent complete: 62.6%; Average loss: 3.8514  
Iteration: 2507; Percent complete: 62.7%; Average loss: 3.6564  
Iteration: 2508; Percent complete: 62.7%; Average loss: 4.0529  
Iteration: 2509; Percent complete: 62.7%; Average loss: 3.5776  
Iteration: 2510; Percent complete: 62.7%; Average loss: 3.8946  
Iteration: 2511; Percent complete: 62.8%; Average loss: 3.3484  
Iteration: 2512; Percent complete: 62.8%; Average loss: 3.7301  
Iteration: 2513; Percent complete: 62.8%; Average loss: 3.9048  
Iteration: 2514; Percent complete: 62.8%; Average loss: 3.7116  
Iteration: 2515; Percent complete: 62.9%; Average loss: 3.9781  
Iteration: 2516; Percent complete: 62.9%; Average loss: 3.5915  
Iteration: 2517; Percent complete: 62.9%; Average loss: 3.8452  
Iteration: 2518; Percent complete: 62.9%; Average loss: 3.5885  
Iteration: 2519; Percent complete: 63.0%; Average loss: 3.6845  
Iteration: 2520; Percent complete: 63.0%; Average loss: 4.1220  
Iteration: 2521; Percent complete: 63.0%; Average loss: 3.8517  
Iteration: 2522; Percent complete: 63.0%; Average loss: 3.3943  
Iteration: 2523; Percent complete: 63.1%; Average loss: 3.7223  
Iteration: 2524; Percent complete: 63.1%; Average loss: 3.6410  
Iteration: 2525; Percent complete: 63.1%; Average loss: 3.8441  
Iteration: 2526; Percent complete: 63.1%; Average loss: 3.8640  
Iteration: 2527; Percent complete: 63.2%; Average loss: 3.6285  
Iteration: 2528; Percent complete: 63.2%; Average loss: 3.9849  
Iteration: 2529; Percent complete: 63.2%; Average loss: 3.9671  
Iteration: 2530; Percent complete: 63.2%; Average loss: 3.6909  
Iteration: 2531; Percent complete: 63.3%; Average loss: 3.6299  
Iteration: 2532; Percent complete: 63.3%; Average loss: 3.8493  
Iteration: 2533; Percent complete: 63.3%; Average loss: 3.6850  
Iteration: 2534; Percent complete: 63.3%; Average loss: 3.8488  
Iteration: 2535; Percent complete: 63.4%; Average loss: 3.9180  
Iteration: 2536; Percent complete: 63.4%; Average loss: 3.6085  
Iteration: 2537; Percent complete: 63.4%; Average loss: 3.5195  
Iteration: 2538; Percent complete: 63.4%; Average loss: 3.6781  
Iteration: 2539; Percent complete: 63.5%; Average loss: 3.9187  
Iteration: 2540; Percent complete: 63.5%; Average loss: 3.4631  
Iteration: 2541; Percent complete: 63.5%; Average loss: 3.7272  
Iteration: 2542; Percent complete: 63.5%; Average loss: 3.4664  
Iteration: 2543; Percent complete: 63.6%; Average loss: 3.5710  
Iteration: 2544; Percent complete: 63.6%; Average loss: 4.0648  
Iteration: 2545; Percent complete: 63.6%; Average loss: 3.8900  
Iteration: 2546; Percent complete: 63.6%; Average loss: 3.7330  
Iteration: 2547; Percent complete: 63.7%; Average loss: 3.5765  
Iteration: 2548; Percent complete: 63.7%; Average loss: 3.6939  
Iteration: 2549; Percent complete: 63.7%; Average loss: 3.8310  
Iteration: 2550; Percent complete: 63.7%; Average loss: 3.7875  
Iteration: 2551; Percent complete: 63.8%; Average loss: 3.7536  
Iteration: 2552; Percent complete: 63.8%; Average loss: 3.9429  
Iteration: 2553; Percent complete: 63.8%; Average loss: 3.3892  
Iteration: 2554; Percent complete: 63.8%; Average loss: 3.9081  
Iteration: 2555; Percent complete: 63.9%; Average loss: 3.6036  
Iteration: 2556; Percent complete: 63.9%; Average loss: 3.6887  
Iteration: 2557; Percent complete: 63.9%; Average loss: 3.6125  
Iteration: 2558; Percent complete: 63.9%; Average loss: 4.0747  
Iteration: 2559; Percent complete: 64.0%; Average loss: 3.9048  
Iteration: 2560; Percent complete: 64.0%; Average loss: 3.7312  
Iteration: 2561; Percent complete: 64.0%; Average loss: 3.4642  
Iteration: 2562; Percent complete: 64.0%; Average loss: 3.7964  
Iteration: 2563; Percent complete: 64.1%; Average loss: 3.7290  
Iteration: 2564; Percent complete: 64.1%; Average loss: 3.3617  
Iteration: 2565; Percent complete: 64.1%; Average loss: 3.6794  
Iteration: 2566; Percent complete: 64.1%; Average loss: 4.0036  
Iteration: 2567; Percent complete: 64.2%; Average loss: 3.8782  
Iteration: 2568; Percent complete: 64.2%; Average loss: 3.6728  
Iteration: 2569; Percent complete: 64.2%; Average loss: 3.5267  
Iteration: 2570; Percent complete: 64.2%; Average loss: 3.9463  
Iteration: 2571; Percent complete: 64.3%; Average loss: 3.7224  
Iteration: 2572; Percent complete: 64.3%; Average loss: 3.8236  
Iteration: 2573; Percent complete: 64.3%; Average loss: 3.6936  
Iteration: 2574; Percent complete: 64.3%; Average loss: 3.4238  
Iteration: 2575; Percent complete: 64.4%; Average loss: 4.2047  
Iteration: 2576; Percent complete: 64.4%; Average loss: 3.8539  
Iteration: 2577; Percent complete: 64.4%; Average loss: 3.4370  
Iteration: 2578; Percent complete: 64.5%; Average loss: 3.6700  
Iteration: 2579; Percent complete: 64.5%; Average loss: 3.8261  
Iteration: 2580; Percent complete: 64.5%; Average loss: 4.0808  
Iteration: 2581; Percent complete: 64.5%; Average loss: 4.1009

Iteration: 2582; Percent complete: 64.5%; Average loss: 3.5763  
Iteration: 2583; Percent complete: 64.6%; Average loss: 3.8152  
Iteration: 2584; Percent complete: 64.6%; Average loss: 4.0509  
Iteration: 2585; Percent complete: 64.6%; Average loss: 3.9858  
Iteration: 2586; Percent complete: 64.6%; Average loss: 4.1727  
Iteration: 2587; Percent complete: 64.7%; Average loss: 4.2049  
Iteration: 2588; Percent complete: 64.7%; Average loss: 3.5374  
Iteration: 2589; Percent complete: 64.7%; Average loss: 3.7419  
Iteration: 2590; Percent complete: 64.8%; Average loss: 3.8126  
Iteration: 2591; Percent complete: 64.8%; Average loss: 3.9198  
Iteration: 2592; Percent complete: 64.8%; Average loss: 4.0956  
Iteration: 2593; Percent complete: 64.8%; Average loss: 3.7376  
Iteration: 2594; Percent complete: 64.8%; Average loss: 4.2239  
Iteration: 2595; Percent complete: 64.9%; Average loss: 3.4422  
Iteration: 2596; Percent complete: 64.9%; Average loss: 4.3301  
Iteration: 2597; Percent complete: 64.9%; Average loss: 3.9080  
Iteration: 2598; Percent complete: 65.0%; Average loss: 3.8592  
Iteration: 2599; Percent complete: 65.0%; Average loss: 4.1328  
Iteration: 2600; Percent complete: 65.0%; Average loss: 3.3957  
Iteration: 2601; Percent complete: 65.0%; Average loss: 4.1364  
Iteration: 2602; Percent complete: 65.0%; Average loss: 3.8462  
Iteration: 2603; Percent complete: 65.1%; Average loss: 3.5748  
Iteration: 2604; Percent complete: 65.1%; Average loss: 3.6004  
Iteration: 2605; Percent complete: 65.1%; Average loss: 3.8683  
Iteration: 2606; Percent complete: 65.1%; Average loss: 3.9073  
Iteration: 2607; Percent complete: 65.2%; Average loss: 3.8511  
Iteration: 2608; Percent complete: 65.2%; Average loss: 3.9655  
Iteration: 2609; Percent complete: 65.2%; Average loss: 3.5098  
Iteration: 2610; Percent complete: 65.2%; Average loss: 3.6243  
Iteration: 2611; Percent complete: 65.3%; Average loss: 4.2807  
Iteration: 2612; Percent complete: 65.3%; Average loss: 4.1161  
Iteration: 2613; Percent complete: 65.3%; Average loss: 3.8826  
Iteration: 2614; Percent complete: 65.3%; Average loss: 3.7628  
Iteration: 2615; Percent complete: 65.4%; Average loss: 3.7357  
Iteration: 2616; Percent complete: 65.4%; Average loss: 3.5016  
Iteration: 2617; Percent complete: 65.4%; Average loss: 3.7300  
Iteration: 2618; Percent complete: 65.5%; Average loss: 3.8681  
Iteration: 2619; Percent complete: 65.5%; Average loss: 3.5865  
Iteration: 2620; Percent complete: 65.5%; Average loss: 3.9872  
Iteration: 2621; Percent complete: 65.5%; Average loss: 4.0338  
Iteration: 2622; Percent complete: 65.5%; Average loss: 3.9131  
Iteration: 2623; Percent complete: 65.6%; Average loss: 4.1685  
Iteration: 2624; Percent complete: 65.6%; Average loss: 3.7333  
Iteration: 2625; Percent complete: 65.6%; Average loss: 3.8548  
Iteration: 2626; Percent complete: 65.6%; Average loss: 3.9899  
Iteration: 2627; Percent complete: 65.7%; Average loss: 3.4942  
Iteration: 2628; Percent complete: 65.7%; Average loss: 3.6279  
Iteration: 2629; Percent complete: 65.7%; Average loss: 3.3586  
Iteration: 2630; Percent complete: 65.8%; Average loss: 3.7766  
Iteration: 2631; Percent complete: 65.8%; Average loss: 3.6609  
Iteration: 2632; Percent complete: 65.8%; Average loss: 3.7199  
Iteration: 2633; Percent complete: 65.8%; Average loss: 3.7343  
Iteration: 2634; Percent complete: 65.8%; Average loss: 3.6696  
Iteration: 2635; Percent complete: 65.9%; Average loss: 3.8619  
Iteration: 2636; Percent complete: 65.9%; Average loss: 3.7591  
Iteration: 2637; Percent complete: 65.9%; Average loss: 3.3234  
Iteration: 2638; Percent complete: 66.0%; Average loss: 4.0229  
Iteration: 2639; Percent complete: 66.0%; Average loss: 3.3547  
Iteration: 2640; Percent complete: 66.0%; Average loss: 3.6910  
Iteration: 2641; Percent complete: 66.0%; Average loss: 4.1805  
Iteration: 2642; Percent complete: 66.0%; Average loss: 3.6423  
Iteration: 2643; Percent complete: 66.1%; Average loss: 4.0922  
Iteration: 2644; Percent complete: 66.1%; Average loss: 4.2004  
Iteration: 2645; Percent complete: 66.1%; Average loss: 3.4467  
Iteration: 2646; Percent complete: 66.1%; Average loss: 3.7095  
Iteration: 2647; Percent complete: 66.2%; Average loss: 3.8913  
Iteration: 2648; Percent complete: 66.2%; Average loss: 3.9452  
Iteration: 2649; Percent complete: 66.2%; Average loss: 3.7470  
Iteration: 2650; Percent complete: 66.2%; Average loss: 4.0057  
Iteration: 2651; Percent complete: 66.3%; Average loss: 3.3674  
Iteration: 2652; Percent complete: 66.3%; Average loss: 3.9499  
Iteration: 2653; Percent complete: 66.3%; Average loss: 3.8396  
Iteration: 2654; Percent complete: 66.3%; Average loss: 3.6715  
Iteration: 2655; Percent complete: 66.4%; Average loss: 3.6291  
Iteration: 2656; Percent complete: 66.4%; Average loss: 3.5523  
Iteration: 2657; Percent complete: 66.4%; Average loss: 3.7155  
Iteration: 2658; Percent complete: 66.5%; Average loss: 4.0448  
Iteration: 2659; Percent complete: 66.5%; Average loss: 3.7394  
Iteration: 2660; Percent complete: 66.5%; Average loss: 4.0814  
Iteration: 2661; Percent complete: 66.5%; Average loss: 3.7523  
Iteration: 2662; Percent complete: 66.5%; Average loss: 3.7797  
Iteration: 2663; Percent complete: 66.6%; Average loss: 3.7448  
Iteration: 2664; Percent complete: 66.6%; Average loss: 3.6724  
Iteration: 2665; Percent complete: 66.6%; Average loss: 3.9275  
Iteration: 2666; Percent complete: 66.6%; Average loss: 3.9751  
Iteration: 2667; Percent complete: 66.7%; Average loss: 3.9299  
Iteration: 2668; Percent complete: 66.7%; Average loss: 3.8109  
Iteration: 2669; Percent complete: 66.7%; Average loss: 3.9455  
Iteration: 2670; Percent complete: 66.8%; Average loss: 4.0198  
Iteration: 2671; Percent complete: 66.8%; Average loss: 4.1375  
Iteration: 2672; Percent complete: 66.8%; Average loss: 3.8187  
Iteration: 2673; Percent complete: 66.8%; Average loss: 3.8372

Iteration: 2673; Percent complete: 66.8%; Average loss: 3.8372  
Iteration: 2674; Percent complete: 66.8%; Average loss: 3.9319  
Iteration: 2675; Percent complete: 66.9%; Average loss: 4.0202  
Iteration: 2676; Percent complete: 66.9%; Average loss: 3.4905  
Iteration: 2677; Percent complete: 66.9%; Average loss: 3.6393  
Iteration: 2678; Percent complete: 67.0%; Average loss: 3.7234  
Iteration: 2679; Percent complete: 67.0%; Average loss: 3.9007  
Iteration: 2680; Percent complete: 67.0%; Average loss: 4.2875  
Iteration: 2681; Percent complete: 67.0%; Average loss: 3.9821  
Iteration: 2682; Percent complete: 67.0%; Average loss: 4.0592  
Iteration: 2683; Percent complete: 67.1%; Average loss: 3.6136  
Iteration: 2684; Percent complete: 67.1%; Average loss: 3.8538  
Iteration: 2685; Percent complete: 67.1%; Average loss: 3.9945  
Iteration: 2686; Percent complete: 67.2%; Average loss: 3.6065  
Iteration: 2687; Percent complete: 67.2%; Average loss: 3.3538  
Iteration: 2688; Percent complete: 67.2%; Average loss: 4.2348  
Iteration: 2689; Percent complete: 67.2%; Average loss: 3.9225  
Iteration: 2690; Percent complete: 67.2%; Average loss: 3.7675  
Iteration: 2691; Percent complete: 67.3%; Average loss: 3.6695  
Iteration: 2692; Percent complete: 67.3%; Average loss: 3.8375  
Iteration: 2693; Percent complete: 67.3%; Average loss: 3.7205  
Iteration: 2694; Percent complete: 67.3%; Average loss: 3.8173  
Iteration: 2695; Percent complete: 67.4%; Average loss: 3.6373  
Iteration: 2696; Percent complete: 67.4%; Average loss: 4.0169  
Iteration: 2697; Percent complete: 67.4%; Average loss: 3.5099  
Iteration: 2698; Percent complete: 67.5%; Average loss: 3.4010  
Iteration: 2699; Percent complete: 67.5%; Average loss: 3.6195  
Iteration: 2700; Percent complete: 67.5%; Average loss: 4.1117  
Iteration: 2701; Percent complete: 67.5%; Average loss: 3.5892  
Iteration: 2702; Percent complete: 67.5%; Average loss: 3.7148  
Iteration: 2703; Percent complete: 67.6%; Average loss: 3.6989  
Iteration: 2704; Percent complete: 67.6%; Average loss: 3.5790  
Iteration: 2705; Percent complete: 67.6%; Average loss: 3.8939  
Iteration: 2706; Percent complete: 67.7%; Average loss: 3.8352  
Iteration: 2707; Percent complete: 67.7%; Average loss: 3.7875  
Iteration: 2708; Percent complete: 67.7%; Average loss: 4.1127  
Iteration: 2709; Percent complete: 67.7%; Average loss: 3.7036  
Iteration: 2710; Percent complete: 67.8%; Average loss: 3.8645  
Iteration: 2711; Percent complete: 67.8%; Average loss: 3.7391  
Iteration: 2712; Percent complete: 67.8%; Average loss: 3.6312  
Iteration: 2713; Percent complete: 67.8%; Average loss: 3.8509  
Iteration: 2714; Percent complete: 67.8%; Average loss: 3.9348  
Iteration: 2715; Percent complete: 67.9%; Average loss: 4.1496  
Iteration: 2716; Percent complete: 67.9%; Average loss: 3.6464  
Iteration: 2717; Percent complete: 67.9%; Average loss: 3.8891  
Iteration: 2718; Percent complete: 68.0%; Average loss: 3.7769  
Iteration: 2719; Percent complete: 68.0%; Average loss: 3.6823  
Iteration: 2720; Percent complete: 68.0%; Average loss: 3.8021  
Iteration: 2721; Percent complete: 68.0%; Average loss: 3.8585  
Iteration: 2722; Percent complete: 68.0%; Average loss: 3.8848  
Iteration: 2723; Percent complete: 68.1%; Average loss: 3.5058  
Iteration: 2724; Percent complete: 68.1%; Average loss: 3.7326  
Iteration: 2725; Percent complete: 68.1%; Average loss: 3.8811  
Iteration: 2726; Percent complete: 68.2%; Average loss: 4.4486  
Iteration: 2727; Percent complete: 68.2%; Average loss: 3.7899  
Iteration: 2728; Percent complete: 68.2%; Average loss: 3.7339  
Iteration: 2729; Percent complete: 68.2%; Average loss: 3.8006  
Iteration: 2730; Percent complete: 68.2%; Average loss: 4.0114  
Iteration: 2731; Percent complete: 68.3%; Average loss: 3.7852  
Iteration: 2732; Percent complete: 68.3%; Average loss: 3.7331  
Iteration: 2733; Percent complete: 68.3%; Average loss: 3.7919  
Iteration: 2734; Percent complete: 68.3%; Average loss: 3.6378  
Iteration: 2735; Percent complete: 68.4%; Average loss: 3.7893  
Iteration: 2736; Percent complete: 68.4%; Average loss: 3.9097  
Iteration: 2737; Percent complete: 68.4%; Average loss: 4.1113  
Iteration: 2738; Percent complete: 68.5%; Average loss: 3.5816  
Iteration: 2739; Percent complete: 68.5%; Average loss: 3.7191  
Iteration: 2740; Percent complete: 68.5%; Average loss: 3.8514  
Iteration: 2741; Percent complete: 68.5%; Average loss: 3.6895  
Iteration: 2742; Percent complete: 68.5%; Average loss: 3.6514  
Iteration: 2743; Percent complete: 68.6%; Average loss: 3.4369  
Iteration: 2744; Percent complete: 68.6%; Average loss: 4.0801  
Iteration: 2745; Percent complete: 68.6%; Average loss: 3.9557  
Iteration: 2746; Percent complete: 68.7%; Average loss: 4.0264  
Iteration: 2747; Percent complete: 68.7%; Average loss: 3.9361  
Iteration: 2748; Percent complete: 68.7%; Average loss: 4.2710  
Iteration: 2749; Percent complete: 68.7%; Average loss: 3.5610  
Iteration: 2750; Percent complete: 68.8%; Average loss: 3.9291  
Iteration: 2751; Percent complete: 68.8%; Average loss: 3.6524  
Iteration: 2752; Percent complete: 68.8%; Average loss: 3.6366  
Iteration: 2753; Percent complete: 68.8%; Average loss: 3.7497  
Iteration: 2754; Percent complete: 68.8%; Average loss: 3.6290  
Iteration: 2755; Percent complete: 68.9%; Average loss: 3.9954  
Iteration: 2756; Percent complete: 68.9%; Average loss: 4.0261  
Iteration: 2757; Percent complete: 68.9%; Average loss: 4.0174  
Iteration: 2758; Percent complete: 69.0%; Average loss: 3.7043  
Iteration: 2759; Percent complete: 69.0%; Average loss: 3.9546  
Iteration: 2760; Percent complete: 69.0%; Average loss: 3.8506  
Iteration: 2761; Percent complete: 69.0%; Average loss: 3.7449  
Iteration: 2762; Percent complete: 69.0%; Average loss: 3.9192  
Iteration: 2763; Percent complete: 69.1%; Average loss: 4.1671  
Iteration: 2764; Percent complete: 69.1%; Average loss: 3.7718

Iteration: 2765; Percent complete: 69.1%; Average loss: 3.7393  
Iteration: 2766; Percent complete: 69.2%; Average loss: 3.6661  
Iteration: 2767; Percent complete: 69.2%; Average loss: 3.8739  
Iteration: 2768; Percent complete: 69.2%; Average loss: 3.7876  
Iteration: 2769; Percent complete: 69.2%; Average loss: 3.7922  
Iteration: 2770; Percent complete: 69.2%; Average loss: 3.9090  
Iteration: 2771; Percent complete: 69.3%; Average loss: 3.4260  
Iteration: 2772; Percent complete: 69.3%; Average loss: 3.9691  
Iteration: 2773; Percent complete: 69.3%; Average loss: 3.7428  
Iteration: 2774; Percent complete: 69.3%; Average loss: 4.0366  
Iteration: 2775; Percent complete: 69.4%; Average loss: 3.8286  
Iteration: 2776; Percent complete: 69.4%; Average loss: 3.7194  
Iteration: 2777; Percent complete: 69.4%; Average loss: 3.9481  
Iteration: 2778; Percent complete: 69.5%; Average loss: 3.6785  
Iteration: 2779; Percent complete: 69.5%; Average loss: 3.5443  
Iteration: 2780; Percent complete: 69.5%; Average loss: 3.7432  
Iteration: 2781; Percent complete: 69.5%; Average loss: 4.0839  
Iteration: 2782; Percent complete: 69.5%; Average loss: 3.4603  
Iteration: 2783; Percent complete: 69.6%; Average loss: 3.6632  
Iteration: 2784; Percent complete: 69.6%; Average loss: 3.9918  
Iteration: 2785; Percent complete: 69.6%; Average loss: 3.7236  
Iteration: 2786; Percent complete: 69.7%; Average loss: 3.9966  
Iteration: 2787; Percent complete: 69.7%; Average loss: 4.0412  
Iteration: 2788; Percent complete: 69.7%; Average loss: 3.8933  
Iteration: 2789; Percent complete: 69.7%; Average loss: 3.8060  
Iteration: 2790; Percent complete: 69.8%; Average loss: 3.9235  
Iteration: 2791; Percent complete: 69.8%; Average loss: 3.5642  
Iteration: 2792; Percent complete: 69.8%; Average loss: 3.7461  
Iteration: 2793; Percent complete: 69.8%; Average loss: 3.8629  
Iteration: 2794; Percent complete: 69.8%; Average loss: 4.0853  
Iteration: 2795; Percent complete: 69.9%; Average loss: 3.7243  
Iteration: 2796; Percent complete: 69.9%; Average loss: 3.6177  
Iteration: 2797; Percent complete: 69.9%; Average loss: 3.3927  
Iteration: 2798; Percent complete: 70.0%; Average loss: 3.8428  
Iteration: 2799; Percent complete: 70.0%; Average loss: 3.7497  
Iteration: 2800; Percent complete: 70.0%; Average loss: 3.5770  
Iteration: 2801; Percent complete: 70.0%; Average loss: 3.7236  
Iteration: 2802; Percent complete: 70.0%; Average loss: 3.7940  
Iteration: 2803; Percent complete: 70.1%; Average loss: 3.7191  
Iteration: 2804; Percent complete: 70.1%; Average loss: 3.9991  
Iteration: 2805; Percent complete: 70.1%; Average loss: 3.5190  
Iteration: 2806; Percent complete: 70.2%; Average loss: 3.8702  
Iteration: 2807; Percent complete: 70.2%; Average loss: 3.9266  
Iteration: 2808; Percent complete: 70.2%; Average loss: 4.1656  
Iteration: 2809; Percent complete: 70.2%; Average loss: 3.9214  
Iteration: 2810; Percent complete: 70.2%; Average loss: 4.2440  
Iteration: 2811; Percent complete: 70.3%; Average loss: 3.4553  
Iteration: 2812; Percent complete: 70.3%; Average loss: 3.5411  
Iteration: 2813; Percent complete: 70.3%; Average loss: 3.6683  
Iteration: 2814; Percent complete: 70.3%; Average loss: 3.7577  
Iteration: 2815; Percent complete: 70.4%; Average loss: 3.7464  
Iteration: 2816; Percent complete: 70.4%; Average loss: 3.6125  
Iteration: 2817; Percent complete: 70.4%; Average loss: 3.2681  
Iteration: 2818; Percent complete: 70.5%; Average loss: 3.9754  
Iteration: 2819; Percent complete: 70.5%; Average loss: 3.6785  
Iteration: 2820; Percent complete: 70.5%; Average loss: 3.4731  
Iteration: 2821; Percent complete: 70.5%; Average loss: 3.4279  
Iteration: 2822; Percent complete: 70.5%; Average loss: 3.7398  
Iteration: 2823; Percent complete: 70.6%; Average loss: 3.4445  
Iteration: 2824; Percent complete: 70.6%; Average loss: 3.7621  
Iteration: 2825; Percent complete: 70.6%; Average loss: 3.4330  
Iteration: 2826; Percent complete: 70.7%; Average loss: 4.0687  
Iteration: 2827; Percent complete: 70.7%; Average loss: 3.2005  
Iteration: 2828; Percent complete: 70.7%; Average loss: 3.4405  
Iteration: 2829; Percent complete: 70.7%; Average loss: 3.5331  
Iteration: 2830; Percent complete: 70.8%; Average loss: 3.4928  
Iteration: 2831; Percent complete: 70.8%; Average loss: 4.1649  
Iteration: 2832; Percent complete: 70.8%; Average loss: 4.2171  
Iteration: 2833; Percent complete: 70.8%; Average loss: 3.6400  
Iteration: 2834; Percent complete: 70.9%; Average loss: 3.7460  
Iteration: 2835; Percent complete: 70.9%; Average loss: 3.8430  
Iteration: 2836; Percent complete: 70.9%; Average loss: 3.6328  
Iteration: 2837; Percent complete: 70.9%; Average loss: 3.7279  
Iteration: 2838; Percent complete: 71.0%; Average loss: 3.9472  
Iteration: 2839; Percent complete: 71.0%; Average loss: 3.6492  
Iteration: 2840; Percent complete: 71.0%; Average loss: 3.5318  
Iteration: 2841; Percent complete: 71.0%; Average loss: 3.7089  
Iteration: 2842; Percent complete: 71.0%; Average loss: 3.7784  
Iteration: 2843; Percent complete: 71.1%; Average loss: 3.7396  
Iteration: 2844; Percent complete: 71.1%; Average loss: 3.7652  
Iteration: 2845; Percent complete: 71.1%; Average loss: 3.2923  
Iteration: 2846; Percent complete: 71.2%; Average loss: 3.7606  
Iteration: 2847; Percent complete: 71.2%; Average loss: 3.7640  
Iteration: 2848; Percent complete: 71.2%; Average loss: 3.6386  
Iteration: 2849; Percent complete: 71.2%; Average loss: 3.7629  
Iteration: 2850; Percent complete: 71.2%; Average loss: 3.9014  
Iteration: 2851; Percent complete: 71.3%; Average loss: 3.7269  
Iteration: 2852; Percent complete: 71.3%; Average loss: 3.8127  
Iteration: 2853; Percent complete: 71.3%; Average loss: 3.6472  
Iteration: 2854; Percent complete: 71.4%; Average loss: 4.0991  
Iteration: 2855; Percent complete: 71.4%; Average loss: 3.7275

Iteration: 2856; Percent complete: 71.4%; Average loss: 3.7271  
Iteration: 2857; Percent complete: 71.4%; Average loss: 3.5090  
Iteration: 2858; Percent complete: 71.5%; Average loss: 3.5695  
Iteration: 2859; Percent complete: 71.5%; Average loss: 3.8278  
Iteration: 2860; Percent complete: 71.5%; Average loss: 3.6616  
Iteration: 2861; Percent complete: 71.5%; Average loss: 3.4852  
Iteration: 2862; Percent complete: 71.5%; Average loss: 3.8945  
Iteration: 2863; Percent complete: 71.6%; Average loss: 3.5241  
Iteration: 2864; Percent complete: 71.6%; Average loss: 4.0269  
Iteration: 2865; Percent complete: 71.6%; Average loss: 3.8731  
Iteration: 2866; Percent complete: 71.7%; Average loss: 3.8331  
Iteration: 2867; Percent complete: 71.7%; Average loss: 4.0860  
Iteration: 2868; Percent complete: 71.7%; Average loss: 3.6804  
Iteration: 2869; Percent complete: 71.7%; Average loss: 3.7835  
Iteration: 2870; Percent complete: 71.8%; Average loss: 3.6119  
Iteration: 2871; Percent complete: 71.8%; Average loss: 3.8244  
Iteration: 2872; Percent complete: 71.8%; Average loss: 3.7888  
Iteration: 2873; Percent complete: 71.8%; Average loss: 3.3710  
Iteration: 2874; Percent complete: 71.9%; Average loss: 3.9750  
Iteration: 2875; Percent complete: 71.9%; Average loss: 3.7945  
Iteration: 2876; Percent complete: 71.9%; Average loss: 3.9817  
Iteration: 2877; Percent complete: 71.9%; Average loss: 3.8980  
Iteration: 2878; Percent complete: 72.0%; Average loss: 3.6008  
Iteration: 2879; Percent complete: 72.0%; Average loss: 3.9145  
Iteration: 2880; Percent complete: 72.0%; Average loss: 3.8306  
Iteration: 2881; Percent complete: 72.0%; Average loss: 3.8839  
Iteration: 2882; Percent complete: 72.0%; Average loss: 3.6260  
Iteration: 2883; Percent complete: 72.1%; Average loss: 4.0233  
Iteration: 2884; Percent complete: 72.1%; Average loss: 3.8616  
Iteration: 2885; Percent complete: 72.1%; Average loss: 3.6652  
Iteration: 2886; Percent complete: 72.2%; Average loss: 3.8320  
Iteration: 2887; Percent complete: 72.2%; Average loss: 3.7062  
Iteration: 2888; Percent complete: 72.2%; Average loss: 3.6054  
Iteration: 2889; Percent complete: 72.2%; Average loss: 3.8712  
Iteration: 2890; Percent complete: 72.2%; Average loss: 3.4863  
Iteration: 2891; Percent complete: 72.3%; Average loss: 3.8334  
Iteration: 2892; Percent complete: 72.3%; Average loss: 3.7213  
Iteration: 2893; Percent complete: 72.3%; Average loss: 3.9297  
Iteration: 2894; Percent complete: 72.4%; Average loss: 3.8784  
Iteration: 2895; Percent complete: 72.4%; Average loss: 3.5656  
Iteration: 2896; Percent complete: 72.4%; Average loss: 3.7245  
Iteration: 2897; Percent complete: 72.4%; Average loss: 3.4182  
Iteration: 2898; Percent complete: 72.5%; Average loss: 4.0426  
Iteration: 2899; Percent complete: 72.5%; Average loss: 3.9840  
Iteration: 2900; Percent complete: 72.5%; Average loss: 3.4608  
Iteration: 2901; Percent complete: 72.5%; Average loss: 3.6486  
Iteration: 2902; Percent complete: 72.5%; Average loss: 3.9311  
Iteration: 2903; Percent complete: 72.6%; Average loss: 3.6529  
Iteration: 2904; Percent complete: 72.6%; Average loss: 3.7051  
Iteration: 2905; Percent complete: 72.6%; Average loss: 3.8349  
Iteration: 2906; Percent complete: 72.7%; Average loss: 3.9769  
Iteration: 2907; Percent complete: 72.7%; Average loss: 3.7690  
Iteration: 2908; Percent complete: 72.7%; Average loss: 4.1946  
Iteration: 2909; Percent complete: 72.7%; Average loss: 3.7498  
Iteration: 2910; Percent complete: 72.8%; Average loss: 3.7950  
Iteration: 2911; Percent complete: 72.8%; Average loss: 4.2992  
Iteration: 2912; Percent complete: 72.8%; Average loss: 3.7957  
Iteration: 2913; Percent complete: 72.8%; Average loss: 3.6981  
Iteration: 2914; Percent complete: 72.9%; Average loss: 3.7469  
Iteration: 2915; Percent complete: 72.9%; Average loss: 3.7556  
Iteration: 2916; Percent complete: 72.9%; Average loss: 3.7709  
Iteration: 2917; Percent complete: 72.9%; Average loss: 3.6827  
Iteration: 2918; Percent complete: 73.0%; Average loss: 3.5448  
Iteration: 2919; Percent complete: 73.0%; Average loss: 3.2975  
Iteration: 2920; Percent complete: 73.0%; Average loss: 3.4970  
Iteration: 2921; Percent complete: 73.0%; Average loss: 3.7687  
Iteration: 2922; Percent complete: 73.0%; Average loss: 4.0350  
Iteration: 2923; Percent complete: 73.1%; Average loss: 3.7234  
Iteration: 2924; Percent complete: 73.1%; Average loss: 3.2830  
Iteration: 2925; Percent complete: 73.1%; Average loss: 3.7602  
Iteration: 2926; Percent complete: 73.2%; Average loss: 3.8597  
Iteration: 2927; Percent complete: 73.2%; Average loss: 3.7536  
Iteration: 2928; Percent complete: 73.2%; Average loss: 3.6865  
Iteration: 2929; Percent complete: 73.2%; Average loss: 3.8805  
Iteration: 2930; Percent complete: 73.2%; Average loss: 3.8178  
Iteration: 2931; Percent complete: 73.3%; Average loss: 3.8003  
Iteration: 2932; Percent complete: 73.3%; Average loss: 3.8046  
Iteration: 2933; Percent complete: 73.3%; Average loss: 3.7512  
Iteration: 2934; Percent complete: 73.4%; Average loss: 3.7946  
Iteration: 2935; Percent complete: 73.4%; Average loss: 3.6548  
Iteration: 2936; Percent complete: 73.4%; Average loss: 3.8787  
Iteration: 2937; Percent complete: 73.4%; Average loss: 3.5847  
Iteration: 2938; Percent complete: 73.5%; Average loss: 4.2526  
Iteration: 2939; Percent complete: 73.5%; Average loss: 3.7989  
Iteration: 2940; Percent complete: 73.5%; Average loss: 3.4773  
Iteration: 2941; Percent complete: 73.5%; Average loss: 3.8496  
Iteration: 2942; Percent complete: 73.6%; Average loss: 3.2360  
Iteration: 2943; Percent complete: 73.6%; Average loss: 3.9354  
Iteration: 2944; Percent complete: 73.6%; Average loss: 3.5669  
Iteration: 2945; Percent complete: 73.6%; Average loss: 3.6118  
Iteration: 2946; Percent complete: 73.7%; Average loss: 3.9768

Iteration: 2947; Percent complete: 73.7%; Average loss: 3.8992  
Iteration: 2948; Percent complete: 73.7%; Average loss: 4.0608  
Iteration: 2949; Percent complete: 73.7%; Average loss: 3.8852  
Iteration: 2950; Percent complete: 73.8%; Average loss: 3.5843  
Iteration: 2951; Percent complete: 73.8%; Average loss: 3.8050  
Iteration: 2952; Percent complete: 73.8%; Average loss: 3.5020  
Iteration: 2953; Percent complete: 73.8%; Average loss: 3.7792  
Iteration: 2954; Percent complete: 73.9%; Average loss: 3.6699  
Iteration: 2955; Percent complete: 73.9%; Average loss: 3.7606  
Iteration: 2956; Percent complete: 73.9%; Average loss: 3.9645  
Iteration: 2957; Percent complete: 73.9%; Average loss: 3.6494  
Iteration: 2958; Percent complete: 74.0%; Average loss: 3.4636  
Iteration: 2959; Percent complete: 74.0%; Average loss: 3.7947  
Iteration: 2960; Percent complete: 74.0%; Average loss: 4.1063  
Iteration: 2961; Percent complete: 74.0%; Average loss: 3.7794  
Iteration: 2962; Percent complete: 74.1%; Average loss: 3.4093  
Iteration: 2963; Percent complete: 74.1%; Average loss: 3.9292  
Iteration: 2964; Percent complete: 74.1%; Average loss: 3.9155  
Iteration: 2965; Percent complete: 74.1%; Average loss: 4.0264  
Iteration: 2966; Percent complete: 74.2%; Average loss: 4.1782  
Iteration: 2967; Percent complete: 74.2%; Average loss: 3.7462  
Iteration: 2968; Percent complete: 74.2%; Average loss: 4.1235  
Iteration: 2969; Percent complete: 74.2%; Average loss: 3.3499  
Iteration: 2970; Percent complete: 74.2%; Average loss: 3.6195  
Iteration: 2971; Percent complete: 74.3%; Average loss: 3.7079  
Iteration: 2972; Percent complete: 74.3%; Average loss: 3.6005  
Iteration: 2973; Percent complete: 74.3%; Average loss: 3.7120  
Iteration: 2974; Percent complete: 74.4%; Average loss: 3.7403  
Iteration: 2975; Percent complete: 74.4%; Average loss: 4.0909  
Iteration: 2976; Percent complete: 74.4%; Average loss: 4.0981  
Iteration: 2977; Percent complete: 74.4%; Average loss: 3.8542  
Iteration: 2978; Percent complete: 74.5%; Average loss: 3.5470  
Iteration: 2979; Percent complete: 74.5%; Average loss: 3.8077  
Iteration: 2980; Percent complete: 74.5%; Average loss: 3.7673  
Iteration: 2981; Percent complete: 74.5%; Average loss: 4.0071  
Iteration: 2982; Percent complete: 74.6%; Average loss: 3.5194  
Iteration: 2983; Percent complete: 74.6%; Average loss: 3.5195  
Iteration: 2984; Percent complete: 74.6%; Average loss: 3.7458  
Iteration: 2985; Percent complete: 74.6%; Average loss: 3.6059  
Iteration: 2986; Percent complete: 74.7%; Average loss: 3.7559  
Iteration: 2987; Percent complete: 74.7%; Average loss: 3.8186  
Iteration: 2988; Percent complete: 74.7%; Average loss: 4.0829  
Iteration: 2989; Percent complete: 74.7%; Average loss: 3.6674  
Iteration: 2990; Percent complete: 74.8%; Average loss: 3.8214  
Iteration: 2991; Percent complete: 74.8%; Average loss: 3.9746  
Iteration: 2992; Percent complete: 74.8%; Average loss: 4.1448  
Iteration: 2993; Percent complete: 74.8%; Average loss: 3.9320  
Iteration: 2994; Percent complete: 74.9%; Average loss: 4.0859  
Iteration: 2995; Percent complete: 74.9%; Average loss: 4.0084  
Iteration: 2996; Percent complete: 74.9%; Average loss: 3.8251  
Iteration: 2997; Percent complete: 74.9%; Average loss: 3.3014  
Iteration: 2998; Percent complete: 75.0%; Average loss: 3.8413  
Iteration: 2999; Percent complete: 75.0%; Average loss: 3.7610  
Iteration: 3000; Percent complete: 75.0%; Average loss: 3.8515  
Iteration: 3001; Percent complete: 75.0%; Average loss: 3.4751  
Iteration: 3002; Percent complete: 75.0%; Average loss: 3.8287  
Iteration: 3003; Percent complete: 75.1%; Average loss: 3.6669  
Iteration: 3004; Percent complete: 75.1%; Average loss: 3.9009  
Iteration: 3005; Percent complete: 75.1%; Average loss: 3.9337  
Iteration: 3006; Percent complete: 75.1%; Average loss: 3.2309  
Iteration: 3007; Percent complete: 75.2%; Average loss: 4.3588  
Iteration: 3008; Percent complete: 75.2%; Average loss: 3.9596  
Iteration: 3009; Percent complete: 75.2%; Average loss: 3.7564  
Iteration: 3010; Percent complete: 75.2%; Average loss: 4.1120  
Iteration: 3011; Percent complete: 75.3%; Average loss: 3.5266  
Iteration: 3012; Percent complete: 75.3%; Average loss: 3.5675  
Iteration: 3013; Percent complete: 75.3%; Average loss: 3.7549  
Iteration: 3014; Percent complete: 75.3%; Average loss: 3.7183  
Iteration: 3015; Percent complete: 75.4%; Average loss: 3.6202  
Iteration: 3016; Percent complete: 75.4%; Average loss: 3.2947  
Iteration: 3017; Percent complete: 75.4%; Average loss: 3.8177  
Iteration: 3018; Percent complete: 75.4%; Average loss: 3.8091  
Iteration: 3019; Percent complete: 75.5%; Average loss: 3.7899  
Iteration: 3020; Percent complete: 75.5%; Average loss: 3.9468  
Iteration: 3021; Percent complete: 75.5%; Average loss: 3.4245  
Iteration: 3022; Percent complete: 75.5%; Average loss: 3.5222  
Iteration: 3023; Percent complete: 75.6%; Average loss: 3.8159  
Iteration: 3024; Percent complete: 75.6%; Average loss: 3.7723  
Iteration: 3025; Percent complete: 75.6%; Average loss: 3.6769  
Iteration: 3026; Percent complete: 75.6%; Average loss: 4.0992  
Iteration: 3027; Percent complete: 75.7%; Average loss: 3.8289  
Iteration: 3028; Percent complete: 75.7%; Average loss: 3.8736  
Iteration: 3029; Percent complete: 75.7%; Average loss: 3.7492  
Iteration: 3030; Percent complete: 75.8%; Average loss: 3.7574  
Iteration: 3031; Percent complete: 75.8%; Average loss: 3.6183  
Iteration: 3032; Percent complete: 75.8%; Average loss: 3.5753  
Iteration: 3033; Percent complete: 75.8%; Average loss: 3.9489  
Iteration: 3034; Percent complete: 75.8%; Average loss: 3.8456  
Iteration: 3035; Percent complete: 75.9%; Average loss: 4.0744  
Iteration: 3036; Percent complete: 75.9%; Average loss: 3.5716  
Iteration: 3037; Percent complete: 75.9%; Average loss: 3.7762  
Iteration: 3038; Percent complete: 75.9%; Average loss: 3.5211

Iteration: 3038; Percent complete: 75.9%; Average loss: 3.5211  
Iteration: 3039; Percent complete: 76.0%; Average loss: 3.6409  
Iteration: 3040; Percent complete: 76.0%; Average loss: 3.8210  
Iteration: 3041; Percent complete: 76.0%; Average loss: 4.1509  
Iteration: 3042; Percent complete: 76.0%; Average loss: 3.6448  
Iteration: 3043; Percent complete: 76.1%; Average loss: 4.0848  
Iteration: 3044; Percent complete: 76.1%; Average loss: 3.8213  
Iteration: 3045; Percent complete: 76.1%; Average loss: 3.6474  
Iteration: 3046; Percent complete: 76.1%; Average loss: 3.3091  
Iteration: 3047; Percent complete: 76.2%; Average loss: 3.6985  
Iteration: 3048; Percent complete: 76.2%; Average loss: 3.7083  
Iteration: 3049; Percent complete: 76.2%; Average loss: 3.5894  
Iteration: 3050; Percent complete: 76.2%; Average loss: 4.2084  
Iteration: 3051; Percent complete: 76.3%; Average loss: 3.5847  
Iteration: 3052; Percent complete: 76.3%; Average loss: 3.6894  
Iteration: 3053; Percent complete: 76.3%; Average loss: 3.8358  
Iteration: 3054; Percent complete: 76.3%; Average loss: 4.1569  
Iteration: 3055; Percent complete: 76.4%; Average loss: 3.8301  
Iteration: 3056; Percent complete: 76.4%; Average loss: 3.8057  
Iteration: 3057; Percent complete: 76.4%; Average loss: 3.5709  
Iteration: 3058; Percent complete: 76.4%; Average loss: 4.0582  
Iteration: 3059; Percent complete: 76.5%; Average loss: 3.5561  
Iteration: 3060; Percent complete: 76.5%; Average loss: 4.1119  
Iteration: 3061; Percent complete: 76.5%; Average loss: 3.8859  
Iteration: 3062; Percent complete: 76.5%; Average loss: 3.9629  
Iteration: 3063; Percent complete: 76.6%; Average loss: 3.8810  
Iteration: 3064; Percent complete: 76.6%; Average loss: 3.8732  
Iteration: 3065; Percent complete: 76.6%; Average loss: 3.6994  
Iteration: 3066; Percent complete: 76.6%; Average loss: 3.5773  
Iteration: 3067; Percent complete: 76.7%; Average loss: 3.6040  
Iteration: 3068; Percent complete: 76.7%; Average loss: 3.6129  
Iteration: 3069; Percent complete: 76.7%; Average loss: 3.7751  
Iteration: 3070; Percent complete: 76.8%; Average loss: 3.4535  
Iteration: 3071; Percent complete: 76.8%; Average loss: 3.7539  
Iteration: 3072; Percent complete: 76.8%; Average loss: 3.9060  
Iteration: 3073; Percent complete: 76.8%; Average loss: 3.4001  
Iteration: 3074; Percent complete: 76.8%; Average loss: 4.0959  
Iteration: 3075; Percent complete: 76.9%; Average loss: 3.9603  
Iteration: 3076; Percent complete: 76.9%; Average loss: 4.0563  
Iteration: 3077; Percent complete: 76.9%; Average loss: 3.6043  
Iteration: 3078; Percent complete: 77.0%; Average loss: 4.0082  
Iteration: 3079; Percent complete: 77.0%; Average loss: 3.6451  
Iteration: 3080; Percent complete: 77.0%; Average loss: 3.7512  
Iteration: 3081; Percent complete: 77.0%; Average loss: 3.9579  
Iteration: 3082; Percent complete: 77.0%; Average loss: 3.6718  
Iteration: 3083; Percent complete: 77.1%; Average loss: 3.5579  
Iteration: 3084; Percent complete: 77.1%; Average loss: 3.9186  
Iteration: 3085; Percent complete: 77.1%; Average loss: 3.5609  
Iteration: 3086; Percent complete: 77.1%; Average loss: 3.5617  
Iteration: 3087; Percent complete: 77.2%; Average loss: 3.6181  
Iteration: 3088; Percent complete: 77.2%; Average loss: 3.7828  
Iteration: 3089; Percent complete: 77.2%; Average loss: 4.1086  
Iteration: 3090; Percent complete: 77.2%; Average loss: 3.9692  
Iteration: 3091; Percent complete: 77.3%; Average loss: 3.6660  
Iteration: 3092; Percent complete: 77.3%; Average loss: 3.7586  
Iteration: 3093; Percent complete: 77.3%; Average loss: 3.7207  
Iteration: 3094; Percent complete: 77.3%; Average loss: 3.6038  
Iteration: 3095; Percent complete: 77.4%; Average loss: 3.7500  
Iteration: 3096; Percent complete: 77.4%; Average loss: 3.9385  
Iteration: 3097; Percent complete: 77.4%; Average loss: 3.8930  
Iteration: 3098; Percent complete: 77.5%; Average loss: 3.5954  
Iteration: 3099; Percent complete: 77.5%; Average loss: 3.4251  
Iteration: 3100; Percent complete: 77.5%; Average loss: 4.3013  
Iteration: 3101; Percent complete: 77.5%; Average loss: 3.4278  
Iteration: 3102; Percent complete: 77.5%; Average loss: 3.8670  
Iteration: 3103; Percent complete: 77.6%; Average loss: 3.6847  
Iteration: 3104; Percent complete: 77.6%; Average loss: 3.3831  
Iteration: 3105; Percent complete: 77.6%; Average loss: 3.8107  
Iteration: 3106; Percent complete: 77.6%; Average loss: 3.8231  
Iteration: 3107; Percent complete: 77.7%; Average loss: 3.9375  
Iteration: 3108; Percent complete: 77.7%; Average loss: 3.6662  
Iteration: 3109; Percent complete: 77.7%; Average loss: 3.9128  
Iteration: 3110; Percent complete: 77.8%; Average loss: 3.6149  
Iteration: 3111; Percent complete: 77.8%; Average loss: 3.7790  
Iteration: 3112; Percent complete: 77.8%; Average loss: 3.4006  
Iteration: 3113; Percent complete: 77.8%; Average loss: 3.6041  
Iteration: 3114; Percent complete: 77.8%; Average loss: 3.7856  
Iteration: 3115; Percent complete: 77.9%; Average loss: 3.4218  
Iteration: 3116; Percent complete: 77.9%; Average loss: 3.5448  
Iteration: 3117; Percent complete: 77.9%; Average loss: 3.7414  
Iteration: 3118; Percent complete: 78.0%; Average loss: 3.4909  
Iteration: 3119; Percent complete: 78.0%; Average loss: 3.6630  
Iteration: 3120; Percent complete: 78.0%; Average loss: 4.0287  
Iteration: 3121; Percent complete: 78.0%; Average loss: 3.9615  
Iteration: 3122; Percent complete: 78.0%; Average loss: 3.4845  
Iteration: 3123; Percent complete: 78.1%; Average loss: 4.0661  
Iteration: 3124; Percent complete: 78.1%; Average loss: 3.8855  
Iteration: 3125; Percent complete: 78.1%; Average loss: 4.0178  
Iteration: 3126; Percent complete: 78.1%; Average loss: 3.8147  
Iteration: 3127; Percent complete: 78.2%; Average loss: 3.8090  
Iteration: 3128; Percent complete: 78.2%; Average loss: 3.5254  
Iteration: 3129; Percent complete: 78.2%; Average loss: 3.7085



Iteration: 3130; Percent complete: 78.2%; Average loss: 4.1160  
Iteration: 3131; Percent complete: 78.3%; Average loss: 3.7583  
Iteration: 3132; Percent complete: 78.3%; Average loss: 3.8537  
Iteration: 3133; Percent complete: 78.3%; Average loss: 3.7479  
Iteration: 3134; Percent complete: 78.3%; Average loss: 4.1246  
Iteration: 3135; Percent complete: 78.4%; Average loss: 3.2918  
Iteration: 3136; Percent complete: 78.4%; Average loss: 3.8069  
Iteration: 3137; Percent complete: 78.4%; Average loss: 3.6696  
Iteration: 3138; Percent complete: 78.5%; Average loss: 3.9463  
Iteration: 3139; Percent complete: 78.5%; Average loss: 3.9603  
Iteration: 3140; Percent complete: 78.5%; Average loss: 3.8044  
Iteration: 3141; Percent complete: 78.5%; Average loss: 3.7116  
Iteration: 3142; Percent complete: 78.5%; Average loss: 3.7992  
Iteration: 3143; Percent complete: 78.6%; Average loss: 4.1125  
Iteration: 3144; Percent complete: 78.6%; Average loss: 3.6119  
Iteration: 3145; Percent complete: 78.6%; Average loss: 3.8631  
Iteration: 3146; Percent complete: 78.6%; Average loss: 3.7212  
Iteration: 3147; Percent complete: 78.7%; Average loss: 4.0026  
Iteration: 3148; Percent complete: 78.7%; Average loss: 3.6328  
Iteration: 3149; Percent complete: 78.7%; Average loss: 4.3763  
Iteration: 3150; Percent complete: 78.8%; Average loss: 3.3764  
Iteration: 3151; Percent complete: 78.8%; Average loss: 3.6932  
Iteration: 3152; Percent complete: 78.8%; Average loss: 4.1641  
Iteration: 3153; Percent complete: 78.8%; Average loss: 3.7626  
Iteration: 3154; Percent complete: 78.8%; Average loss: 3.8802  
Iteration: 3155; Percent complete: 78.9%; Average loss: 3.6437  
Iteration: 3156; Percent complete: 78.9%; Average loss: 3.6458  
Iteration: 3157; Percent complete: 78.9%; Average loss: 3.4274  
Iteration: 3158; Percent complete: 79.0%; Average loss: 3.5489  
Iteration: 3159; Percent complete: 79.0%; Average loss: 3.4346  
Iteration: 3160; Percent complete: 79.0%; Average loss: 3.3283  
Iteration: 3161; Percent complete: 79.0%; Average loss: 3.6937  
Iteration: 3162; Percent complete: 79.0%; Average loss: 3.9065  
Iteration: 3163; Percent complete: 79.1%; Average loss: 3.8166  
Iteration: 3164; Percent complete: 79.1%; Average loss: 3.7196  
Iteration: 3165; Percent complete: 79.1%; Average loss: 3.9418  
Iteration: 3166; Percent complete: 79.1%; Average loss: 4.1745  
Iteration: 3167; Percent complete: 79.2%; Average loss: 3.8524  
Iteration: 3168; Percent complete: 79.2%; Average loss: 3.6839  
Iteration: 3169; Percent complete: 79.2%; Average loss: 3.8476  
Iteration: 3170; Percent complete: 79.2%; Average loss: 3.5390  
Iteration: 3171; Percent complete: 79.3%; Average loss: 3.8755  
Iteration: 3172; Percent complete: 79.3%; Average loss: 3.7304  
Iteration: 3173; Percent complete: 79.3%; Average loss: 3.7962  
Iteration: 3174; Percent complete: 79.3%; Average loss: 3.4016  
Iteration: 3175; Percent complete: 79.4%; Average loss: 3.9329  
Iteration: 3176; Percent complete: 79.4%; Average loss: 3.9101  
Iteration: 3177; Percent complete: 79.4%; Average loss: 3.9361  
Iteration: 3178; Percent complete: 79.5%; Average loss: 3.7303  
Iteration: 3179; Percent complete: 79.5%; Average loss: 4.2055  
Iteration: 3180; Percent complete: 79.5%; Average loss: 4.3591  
Iteration: 3181; Percent complete: 79.5%; Average loss: 3.7196  
Iteration: 3182; Percent complete: 79.5%; Average loss: 3.7467  
Iteration: 3183; Percent complete: 79.6%; Average loss: 3.8178  
Iteration: 3184; Percent complete: 79.6%; Average loss: 3.6942  
Iteration: 3185; Percent complete: 79.6%; Average loss: 3.5795  
Iteration: 3186; Percent complete: 79.7%; Average loss: 4.0060  
Iteration: 3187; Percent complete: 79.7%; Average loss: 3.7235  
Iteration: 3188; Percent complete: 79.7%; Average loss: 3.8024  
Iteration: 3189; Percent complete: 79.7%; Average loss: 3.5778  
Iteration: 3190; Percent complete: 79.8%; Average loss: 3.4638  
Iteration: 3191; Percent complete: 79.8%; Average loss: 3.3122  
Iteration: 3192; Percent complete: 79.8%; Average loss: 3.4453  
Iteration: 3193; Percent complete: 79.8%; Average loss: 3.9863  
Iteration: 3194; Percent complete: 79.8%; Average loss: 3.4835  
Iteration: 3195; Percent complete: 79.9%; Average loss: 4.1441  
Iteration: 3196; Percent complete: 79.9%; Average loss: 3.8630  
Iteration: 3197; Percent complete: 79.9%; Average loss: 3.7027  
Iteration: 3198; Percent complete: 80.0%; Average loss: 3.6478  
Iteration: 3199; Percent complete: 80.0%; Average loss: 3.5913  
Iteration: 3200; Percent complete: 80.0%; Average loss: 4.0305  
Iteration: 3201; Percent complete: 80.0%; Average loss: 3.8125  
Iteration: 3202; Percent complete: 80.0%; Average loss: 3.7308  
Iteration: 3203; Percent complete: 80.1%; Average loss: 4.0659  
Iteration: 3204; Percent complete: 80.1%; Average loss: 3.6026  
Iteration: 3205; Percent complete: 80.1%; Average loss: 3.4614  
Iteration: 3206; Percent complete: 80.2%; Average loss: 3.3057  
Iteration: 3207; Percent complete: 80.2%; Average loss: 3.3663  
Iteration: 3208; Percent complete: 80.2%; Average loss: 4.0333  
Iteration: 3209; Percent complete: 80.2%; Average loss: 3.7434  
Iteration: 3210; Percent complete: 80.2%; Average loss: 3.4674  
Iteration: 3211; Percent complete: 80.3%; Average loss: 4.0942  
Iteration: 3212; Percent complete: 80.3%; Average loss: 3.8597  
Iteration: 3213; Percent complete: 80.3%; Average loss: 3.9331  
Iteration: 3214; Percent complete: 80.3%; Average loss: 4.2913  
Iteration: 3215; Percent complete: 80.4%; Average loss: 3.9144  
Iteration: 3216; Percent complete: 80.4%; Average loss: 4.0037  
Iteration: 3217; Percent complete: 80.4%; Average loss: 3.7983  
Iteration: 3218; Percent complete: 80.5%; Average loss: 3.8799  
Iteration: 3219; Percent complete: 80.5%; Average loss: 3.5137  
Iteration: 3220; Percent complete: 80.5%; Average loss: 3.7610

Iteration: 3221; Percent complete: 80.5%; Average loss: 3.5105  
Iteration: 3222; Percent complete: 80.5%; Average loss: 4.0591  
Iteration: 3223; Percent complete: 80.6%; Average loss: 3.6942  
Iteration: 3224; Percent complete: 80.6%; Average loss: 3.2515  
Iteration: 3225; Percent complete: 80.6%; Average loss: 3.5732  
Iteration: 3226; Percent complete: 80.7%; Average loss: 3.2997  
Iteration: 3227; Percent complete: 80.7%; Average loss: 3.6051  
Iteration: 3228; Percent complete: 80.7%; Average loss: 3.9283  
Iteration: 3229; Percent complete: 80.7%; Average loss: 3.6092  
Iteration: 3230; Percent complete: 80.8%; Average loss: 3.6113  
Iteration: 3231; Percent complete: 80.8%; Average loss: 3.4425  
Iteration: 3232; Percent complete: 80.8%; Average loss: 3.8649  
Iteration: 3233; Percent complete: 80.8%; Average loss: 3.5058  
Iteration: 3234; Percent complete: 80.8%; Average loss: 3.8879  
Iteration: 3235; Percent complete: 80.9%; Average loss: 3.9042  
Iteration: 3236; Percent complete: 80.9%; Average loss: 3.8220  
Iteration: 3237; Percent complete: 80.9%; Average loss: 3.8341  
Iteration: 3238; Percent complete: 81.0%; Average loss: 3.8165  
Iteration: 3239; Percent complete: 81.0%; Average loss: 3.4119  
Iteration: 3240; Percent complete: 81.0%; Average loss: 3.5632  
Iteration: 3241; Percent complete: 81.0%; Average loss: 3.8696  
Iteration: 3242; Percent complete: 81.0%; Average loss: 3.7601  
Iteration: 3243; Percent complete: 81.1%; Average loss: 3.6141  
Iteration: 3244; Percent complete: 81.1%; Average loss: 3.5829  
Iteration: 3245; Percent complete: 81.1%; Average loss: 3.6196  
Iteration: 3246; Percent complete: 81.2%; Average loss: 3.1821  
Iteration: 3247; Percent complete: 81.2%; Average loss: 3.8591  
Iteration: 3248; Percent complete: 81.2%; Average loss: 4.1182  
Iteration: 3249; Percent complete: 81.2%; Average loss: 3.6399  
Iteration: 3250; Percent complete: 81.2%; Average loss: 3.9781  
Iteration: 3251; Percent complete: 81.3%; Average loss: 3.8159  
Iteration: 3252; Percent complete: 81.3%; Average loss: 3.6739  
Iteration: 3253; Percent complete: 81.3%; Average loss: 3.6553  
Iteration: 3254; Percent complete: 81.3%; Average loss: 3.7592  
Iteration: 3255; Percent complete: 81.4%; Average loss: 4.4813  
Iteration: 3256; Percent complete: 81.4%; Average loss: 3.6498  
Iteration: 3257; Percent complete: 81.4%; Average loss: 3.9972  
Iteration: 3258; Percent complete: 81.5%; Average loss: 4.1493  
Iteration: 3259; Percent complete: 81.5%; Average loss: 3.7044  
Iteration: 3260; Percent complete: 81.5%; Average loss: 3.7966  
Iteration: 3261; Percent complete: 81.5%; Average loss: 3.9593  
Iteration: 3262; Percent complete: 81.5%; Average loss: 3.4135  
Iteration: 3263; Percent complete: 81.6%; Average loss: 3.3850  
Iteration: 3264; Percent complete: 81.6%; Average loss: 4.2032  
Iteration: 3265; Percent complete: 81.6%; Average loss: 3.6857  
Iteration: 3266; Percent complete: 81.7%; Average loss: 3.8418  
Iteration: 3267; Percent complete: 81.7%; Average loss: 3.9884  
Iteration: 3268; Percent complete: 81.7%; Average loss: 3.5653  
Iteration: 3269; Percent complete: 81.7%; Average loss: 3.9610  
Iteration: 3270; Percent complete: 81.8%; Average loss: 3.6275  
Iteration: 3271; Percent complete: 81.8%; Average loss: 3.4974  
Iteration: 3272; Percent complete: 81.8%; Average loss: 3.9679  
Iteration: 3273; Percent complete: 81.8%; Average loss: 3.8448  
Iteration: 3274; Percent complete: 81.8%; Average loss: 3.9641  
Iteration: 3275; Percent complete: 81.9%; Average loss: 4.0624  
Iteration: 3276; Percent complete: 81.9%; Average loss: 4.2071  
Iteration: 3277; Percent complete: 81.9%; Average loss: 3.8184  
Iteration: 3278; Percent complete: 82.0%; Average loss: 3.9648  
Iteration: 3279; Percent complete: 82.0%; Average loss: 3.9091  
Iteration: 3280; Percent complete: 82.0%; Average loss: 3.6254  
Iteration: 3281; Percent complete: 82.0%; Average loss: 3.5004  
Iteration: 3282; Percent complete: 82.0%; Average loss: 3.9495  
Iteration: 3283; Percent complete: 82.1%; Average loss: 4.1011  
Iteration: 3284; Percent complete: 82.1%; Average loss: 3.9019  
Iteration: 3285; Percent complete: 82.1%; Average loss: 3.8627  
Iteration: 3286; Percent complete: 82.2%; Average loss: 3.7814  
Iteration: 3287; Percent complete: 82.2%; Average loss: 3.2613  
Iteration: 3288; Percent complete: 82.2%; Average loss: 3.8667  
Iteration: 3289; Percent complete: 82.2%; Average loss: 4.0266  
Iteration: 3290; Percent complete: 82.2%; Average loss: 3.6986  
Iteration: 3291; Percent complete: 82.3%; Average loss: 3.8069  
Iteration: 3292; Percent complete: 82.3%; Average loss: 3.6950  
Iteration: 3293; Percent complete: 82.3%; Average loss: 3.6983  
Iteration: 3294; Percent complete: 82.3%; Average loss: 3.5795  
Iteration: 3295; Percent complete: 82.4%; Average loss: 4.0622  
Iteration: 3296; Percent complete: 82.4%; Average loss: 3.6776  
Iteration: 3297; Percent complete: 82.4%; Average loss: 3.6341  
Iteration: 3298; Percent complete: 82.5%; Average loss: 3.5389  
Iteration: 3299; Percent complete: 82.5%; Average loss: 3.4371  
Iteration: 3300; Percent complete: 82.5%; Average loss: 4.1608  
Iteration: 3301; Percent complete: 82.5%; Average loss: 3.7046  
Iteration: 3302; Percent complete: 82.5%; Average loss: 3.9364  
Iteration: 3303; Percent complete: 82.6%; Average loss: 3.6022  
Iteration: 3304; Percent complete: 82.6%; Average loss: 3.6246  
Iteration: 3305; Percent complete: 82.6%; Average loss: 3.8108  
Iteration: 3306; Percent complete: 82.7%; Average loss: 3.5004  
Iteration: 3307; Percent complete: 82.7%; Average loss: 3.9528  
Iteration: 3308; Percent complete: 82.7%; Average loss: 3.9509  
Iteration: 3309; Percent complete: 82.7%; Average loss: 3.5357  
Iteration: 3310; Percent complete: 82.8%; Average loss: 3.3771  
Iteration: 3311; Percent complete: 82.8%; Average loss: 3.7663

Iteration: 3312; Percent complete: 82.8%; Average loss: 3.6833  
Iteration: 3313; Percent complete: 82.8%; Average loss: 3.6191  
Iteration: 3314; Percent complete: 82.8%; Average loss: 3.5790  
Iteration: 3315; Percent complete: 82.9%; Average loss: 4.2651  
Iteration: 3316; Percent complete: 82.9%; Average loss: 3.9267  
Iteration: 3317; Percent complete: 82.9%; Average loss: 3.4248  
Iteration: 3318; Percent complete: 83.0%; Average loss: 3.8530  
Iteration: 3319; Percent complete: 83.0%; Average loss: 3.6121  
Iteration: 3320; Percent complete: 83.0%; Average loss: 3.5990  
Iteration: 3321; Percent complete: 83.0%; Average loss: 3.2892  
Iteration: 3322; Percent complete: 83.0%; Average loss: 3.6790  
Iteration: 3323; Percent complete: 83.1%; Average loss: 4.1805  
Iteration: 3324; Percent complete: 83.1%; Average loss: 3.6741  
Iteration: 3325; Percent complete: 83.1%; Average loss: 3.8660  
Iteration: 3326; Percent complete: 83.2%; Average loss: 3.7264  
Iteration: 3327; Percent complete: 83.2%; Average loss: 4.2421  
Iteration: 3328; Percent complete: 83.2%; Average loss: 4.0707  
Iteration: 3329; Percent complete: 83.2%; Average loss: 3.9638  
Iteration: 3330; Percent complete: 83.2%; Average loss: 3.6724  
Iteration: 3331; Percent complete: 83.3%; Average loss: 3.8924  
Iteration: 3332; Percent complete: 83.3%; Average loss: 3.7646  
Iteration: 3333; Percent complete: 83.3%; Average loss: 3.8784  
Iteration: 3334; Percent complete: 83.4%; Average loss: 3.6303  
Iteration: 3335; Percent complete: 83.4%; Average loss: 3.9093  
Iteration: 3336; Percent complete: 83.4%; Average loss: 4.1045  
Iteration: 3337; Percent complete: 83.4%; Average loss: 3.6461  
Iteration: 3338; Percent complete: 83.5%; Average loss: 3.5288  
Iteration: 3339; Percent complete: 83.5%; Average loss: 3.5966  
Iteration: 3340; Percent complete: 83.5%; Average loss: 4.0629  
Iteration: 3341; Percent complete: 83.5%; Average loss: 3.5904  
Iteration: 3342; Percent complete: 83.5%; Average loss: 3.7455  
Iteration: 3343; Percent complete: 83.6%; Average loss: 3.4899  
Iteration: 3344; Percent complete: 83.6%; Average loss: 3.6978  
Iteration: 3345; Percent complete: 83.6%; Average loss: 3.8918  
Iteration: 3346; Percent complete: 83.7%; Average loss: 3.9005  
Iteration: 3347; Percent complete: 83.7%; Average loss: 3.7781  
Iteration: 3348; Percent complete: 83.7%; Average loss: 3.7960  
Iteration: 3349; Percent complete: 83.7%; Average loss: 4.0730  
Iteration: 3350; Percent complete: 83.8%; Average loss: 4.0492  
Iteration: 3351; Percent complete: 83.8%; Average loss: 3.8095  
Iteration: 3352; Percent complete: 83.8%; Average loss: 3.6427  
Iteration: 3353; Percent complete: 83.8%; Average loss: 4.0467  
Iteration: 3354; Percent complete: 83.9%; Average loss: 4.2289  
Iteration: 3355; Percent complete: 83.9%; Average loss: 3.4792  
Iteration: 3356; Percent complete: 83.9%; Average loss: 3.7864  
Iteration: 3357; Percent complete: 83.9%; Average loss: 3.5582  
Iteration: 3358; Percent complete: 84.0%; Average loss: 4.1227  
Iteration: 3359; Percent complete: 84.0%; Average loss: 3.7645  
Iteration: 3360; Percent complete: 84.0%; Average loss: 4.0932  
Iteration: 3361; Percent complete: 84.0%; Average loss: 3.8053  
Iteration: 3362; Percent complete: 84.0%; Average loss: 4.0954  
Iteration: 3363; Percent complete: 84.1%; Average loss: 4.1207  
Iteration: 3364; Percent complete: 84.1%; Average loss: 3.5807  
Iteration: 3365; Percent complete: 84.1%; Average loss: 3.7322  
Iteration: 3366; Percent complete: 84.2%; Average loss: 3.5095  
Iteration: 3367; Percent complete: 84.2%; Average loss: 3.5196  
Iteration: 3368; Percent complete: 84.2%; Average loss: 3.6167  
Iteration: 3369; Percent complete: 84.2%; Average loss: 3.3521  
Iteration: 3370; Percent complete: 84.2%; Average loss: 3.5316  
Iteration: 3371; Percent complete: 84.3%; Average loss: 4.1514  
Iteration: 3372; Percent complete: 84.3%; Average loss: 3.5945  
Iteration: 3373; Percent complete: 84.3%; Average loss: 3.9888  
Iteration: 3374; Percent complete: 84.4%; Average loss: 3.7200  
Iteration: 3375; Percent complete: 84.4%; Average loss: 3.7568  
Iteration: 3376; Percent complete: 84.4%; Average loss: 3.9443  
Iteration: 3377; Percent complete: 84.4%; Average loss: 4.0889  
Iteration: 3378; Percent complete: 84.5%; Average loss: 3.9645  
Iteration: 3379; Percent complete: 84.5%; Average loss: 3.4701  
Iteration: 3380; Percent complete: 84.5%; Average loss: 4.0895  
Iteration: 3381; Percent complete: 84.5%; Average loss: 3.4739  
Iteration: 3382; Percent complete: 84.5%; Average loss: 3.9204  
Iteration: 3383; Percent complete: 84.6%; Average loss: 3.6425  
Iteration: 3384; Percent complete: 84.6%; Average loss: 3.5877  
Iteration: 3385; Percent complete: 84.6%; Average loss: 3.7561  
Iteration: 3386; Percent complete: 84.7%; Average loss: 3.5321  
Iteration: 3387; Percent complete: 84.7%; Average loss: 3.7928  
Iteration: 3388; Percent complete: 84.7%; Average loss: 3.7789  
Iteration: 3389; Percent complete: 84.7%; Average loss: 3.3190  
Iteration: 3390; Percent complete: 84.8%; Average loss: 3.6016  
Iteration: 3391; Percent complete: 84.8%; Average loss: 3.4661  
Iteration: 3392; Percent complete: 84.8%; Average loss: 3.5208  
Iteration: 3393; Percent complete: 84.8%; Average loss: 4.0845  
Iteration: 3394; Percent complete: 84.9%; Average loss: 4.1759  
Iteration: 3395; Percent complete: 84.9%; Average loss: 3.5954  
Iteration: 3396; Percent complete: 84.9%; Average loss: 3.7770  
Iteration: 3397; Percent complete: 84.9%; Average loss: 3.8516  
Iteration: 3398; Percent complete: 85.0%; Average loss: 3.6296  
Iteration: 3399; Percent complete: 85.0%; Average loss: 3.6242  
Iteration: 3400; Percent complete: 85.0%; Average loss: 3.9029  
Iteration: 3401; Percent complete: 85.0%; Average loss: 3.7043  
Iteration: 3402; Percent complete: 85.0%; Average loss: 4.0717  
Iteration: 3403; Percent complete: 85.1%; Average loss: 4.0281

Iteration: 3403; Percent complete: 85.1%; Average loss: 4.0281  
Iteration: 3404; Percent complete: 85.1%; Average loss: 3.7949  
Iteration: 3405; Percent complete: 85.1%; Average loss: 3.4246  
Iteration: 3406; Percent complete: 85.2%; Average loss: 3.5355  
Iteration: 3407; Percent complete: 85.2%; Average loss: 3.2914  
Iteration: 3408; Percent complete: 85.2%; Average loss: 4.0819  
Iteration: 3409; Percent complete: 85.2%; Average loss: 3.5709  
Iteration: 3410; Percent complete: 85.2%; Average loss: 3.9373  
Iteration: 3411; Percent complete: 85.3%; Average loss: 3.3660  
Iteration: 3412; Percent complete: 85.3%; Average loss: 3.5912  
Iteration: 3413; Percent complete: 85.3%; Average loss: 4.1634  
Iteration: 3414; Percent complete: 85.4%; Average loss: 3.4511  
Iteration: 3415; Percent complete: 85.4%; Average loss: 3.9945  
Iteration: 3416; Percent complete: 85.4%; Average loss: 3.9394  
Iteration: 3417; Percent complete: 85.4%; Average loss: 3.5780  
Iteration: 3418; Percent complete: 85.5%; Average loss: 3.5872  
Iteration: 3419; Percent complete: 85.5%; Average loss: 3.9924  
Iteration: 3420; Percent complete: 85.5%; Average loss: 3.7395  
Iteration: 3421; Percent complete: 85.5%; Average loss: 3.5839  
Iteration: 3422; Percent complete: 85.5%; Average loss: 4.0604  
Iteration: 3423; Percent complete: 85.6%; Average loss: 3.5836  
Iteration: 3424; Percent complete: 85.6%; Average loss: 4.0577  
Iteration: 3425; Percent complete: 85.6%; Average loss: 3.3048  
Iteration: 3426; Percent complete: 85.7%; Average loss: 3.6420  
Iteration: 3427; Percent complete: 85.7%; Average loss: 3.4934  
Iteration: 3428; Percent complete: 85.7%; Average loss: 4.1093  
Iteration: 3429; Percent complete: 85.7%; Average loss: 3.8627  
Iteration: 3430; Percent complete: 85.8%; Average loss: 3.8005  
Iteration: 3431; Percent complete: 85.8%; Average loss: 3.6190  
Iteration: 3432; Percent complete: 85.8%; Average loss: 3.4390  
Iteration: 3433; Percent complete: 85.8%; Average loss: 3.7615  
Iteration: 3434; Percent complete: 85.9%; Average loss: 3.2223  
Iteration: 3435; Percent complete: 85.9%; Average loss: 4.0189  
Iteration: 3436; Percent complete: 85.9%; Average loss: 3.5660  
Iteration: 3437; Percent complete: 85.9%; Average loss: 3.9330  
Iteration: 3438; Percent complete: 86.0%; Average loss: 3.3449  
Iteration: 3439; Percent complete: 86.0%; Average loss: 3.7129  
Iteration: 3440; Percent complete: 86.0%; Average loss: 4.0785  
Iteration: 3441; Percent complete: 86.0%; Average loss: 3.4740  
Iteration: 3442; Percent complete: 86.1%; Average loss: 3.9191  
Iteration: 3443; Percent complete: 86.1%; Average loss: 3.9384  
Iteration: 3444; Percent complete: 86.1%; Average loss: 3.8047  
Iteration: 3445; Percent complete: 86.1%; Average loss: 3.6256  
Iteration: 3446; Percent complete: 86.2%; Average loss: 3.7015  
Iteration: 3447; Percent complete: 86.2%; Average loss: 4.4543  
Iteration: 3448; Percent complete: 86.2%; Average loss: 3.6066  
Iteration: 3449; Percent complete: 86.2%; Average loss: 3.9062  
Iteration: 3450; Percent complete: 86.2%; Average loss: 3.2474  
Iteration: 3451; Percent complete: 86.3%; Average loss: 3.9840  
Iteration: 3452; Percent complete: 86.3%; Average loss: 3.7941  
Iteration: 3453; Percent complete: 86.3%; Average loss: 3.8867  
Iteration: 3454; Percent complete: 86.4%; Average loss: 3.8085  
Iteration: 3455; Percent complete: 86.4%; Average loss: 3.4972  
Iteration: 3456; Percent complete: 86.4%; Average loss: 3.6071  
Iteration: 3457; Percent complete: 86.4%; Average loss: 3.8622  
Iteration: 3458; Percent complete: 86.5%; Average loss: 3.7491  
Iteration: 3459; Percent complete: 86.5%; Average loss: 3.9838  
Iteration: 3460; Percent complete: 86.5%; Average loss: 3.8799  
Iteration: 3461; Percent complete: 86.5%; Average loss: 3.7047  
Iteration: 3462; Percent complete: 86.6%; Average loss: 3.5969  
Iteration: 3463; Percent complete: 86.6%; Average loss: 3.8398  
Iteration: 3464; Percent complete: 86.6%; Average loss: 3.7434  
Iteration: 3465; Percent complete: 86.6%; Average loss: 3.6015  
Iteration: 3466; Percent complete: 86.7%; Average loss: 3.8837  
Iteration: 3467; Percent complete: 86.7%; Average loss: 3.6664  
Iteration: 3468; Percent complete: 86.7%; Average loss: 3.9269  
Iteration: 3469; Percent complete: 86.7%; Average loss: 3.8777  
Iteration: 3470; Percent complete: 86.8%; Average loss: 3.7799  
Iteration: 3471; Percent complete: 86.8%; Average loss: 3.6401  
Iteration: 3472; Percent complete: 86.8%; Average loss: 3.5365  
Iteration: 3473; Percent complete: 86.8%; Average loss: 3.6187  
Iteration: 3474; Percent complete: 86.9%; Average loss: 3.9404  
Iteration: 3475; Percent complete: 86.9%; Average loss: 3.9216  
Iteration: 3476; Percent complete: 86.9%; Average loss: 3.7849  
Iteration: 3477; Percent complete: 86.9%; Average loss: 3.7539  
Iteration: 3478; Percent complete: 87.0%; Average loss: 3.6393  
Iteration: 3479; Percent complete: 87.0%; Average loss: 3.7414  
Iteration: 3480; Percent complete: 87.0%; Average loss: 3.7107  
Iteration: 3481; Percent complete: 87.0%; Average loss: 3.8110  
Iteration: 3482; Percent complete: 87.1%; Average loss: 3.8986  
Iteration: 3483; Percent complete: 87.1%; Average loss: 3.4163  
Iteration: 3484; Percent complete: 87.1%; Average loss: 3.6579  
Iteration: 3485; Percent complete: 87.1%; Average loss: 4.1436  
Iteration: 3486; Percent complete: 87.2%; Average loss: 3.9690  
Iteration: 3487; Percent complete: 87.2%; Average loss: 3.3814  
Iteration: 3488; Percent complete: 87.2%; Average loss: 3.8911  
Iteration: 3489; Percent complete: 87.2%; Average loss: 3.1348  
Iteration: 3490; Percent complete: 87.2%; Average loss: 3.8635  
Iteration: 3491; Percent complete: 87.3%; Average loss: 3.6641  
Iteration: 3492; Percent complete: 87.3%; Average loss: 3.8302  
Iteration: 3493; Percent complete: 87.3%; Average loss: 3.7819  
Iteration: 3494; Percent complete: 87.4%; Average loss: 3.7899

Iteration: 3495; Percent complete: 87.4%; Average loss: 3.2742  
Iteration: 3496; Percent complete: 87.4%; Average loss: 3.6208  
Iteration: 3497; Percent complete: 87.4%; Average loss: 4.0513  
Iteration: 3498; Percent complete: 87.5%; Average loss: 3.6964  
Iteration: 3499; Percent complete: 87.5%; Average loss: 3.8331  
Iteration: 3500; Percent complete: 87.5%; Average loss: 3.8456  
Iteration: 3501; Percent complete: 87.5%; Average loss: 3.7318  
Iteration: 3502; Percent complete: 87.5%; Average loss: 3.7359  
Iteration: 3503; Percent complete: 87.6%; Average loss: 3.2443  
Iteration: 3504; Percent complete: 87.6%; Average loss: 3.7240  
Iteration: 3505; Percent complete: 87.6%; Average loss: 4.0034  
Iteration: 3506; Percent complete: 87.6%; Average loss: 3.7849  
Iteration: 3507; Percent complete: 87.7%; Average loss: 3.8376  
Iteration: 3508; Percent complete: 87.7%; Average loss: 4.3222  
Iteration: 3509; Percent complete: 87.7%; Average loss: 3.9017  
Iteration: 3510; Percent complete: 87.8%; Average loss: 3.5511  
Iteration: 3511; Percent complete: 87.8%; Average loss: 3.3185  
Iteration: 3512; Percent complete: 87.8%; Average loss: 3.9057  
Iteration: 3513; Percent complete: 87.8%; Average loss: 3.1901  
Iteration: 3514; Percent complete: 87.8%; Average loss: 3.5551  
Iteration: 3515; Percent complete: 87.9%; Average loss: 3.8511  
Iteration: 3516; Percent complete: 87.9%; Average loss: 3.8770  
Iteration: 3517; Percent complete: 87.9%; Average loss: 3.8552  
Iteration: 3518; Percent complete: 87.9%; Average loss: 3.6543  
Iteration: 3519; Percent complete: 88.0%; Average loss: 3.7353  
Iteration: 3520; Percent complete: 88.0%; Average loss: 3.6843  
Iteration: 3521; Percent complete: 88.0%; Average loss: 3.9572  
Iteration: 3522; Percent complete: 88.0%; Average loss: 3.5958  
Iteration: 3523; Percent complete: 88.1%; Average loss: 3.6400  
Iteration: 3524; Percent complete: 88.1%; Average loss: 4.0540  
Iteration: 3525; Percent complete: 88.1%; Average loss: 3.6204  
Iteration: 3526; Percent complete: 88.1%; Average loss: 4.1646  
Iteration: 3527; Percent complete: 88.2%; Average loss: 3.9091  
Iteration: 3528; Percent complete: 88.2%; Average loss: 3.5138  
Iteration: 3529; Percent complete: 88.2%; Average loss: 3.8606  
Iteration: 3530; Percent complete: 88.2%; Average loss: 4.1447  
Iteration: 3531; Percent complete: 88.3%; Average loss: 3.9292  
Iteration: 3532; Percent complete: 88.3%; Average loss: 3.2946  
Iteration: 3533; Percent complete: 88.3%; Average loss: 3.7467  
Iteration: 3534; Percent complete: 88.3%; Average loss: 3.6257  
Iteration: 3535; Percent complete: 88.4%; Average loss: 3.5549  
Iteration: 3536; Percent complete: 88.4%; Average loss: 3.4187  
Iteration: 3537; Percent complete: 88.4%; Average loss: 4.0254  
Iteration: 3538; Percent complete: 88.4%; Average loss: 3.6955  
Iteration: 3539; Percent complete: 88.5%; Average loss: 3.8472  
Iteration: 3540; Percent complete: 88.5%; Average loss: 3.3502  
Iteration: 3541; Percent complete: 88.5%; Average loss: 3.6719  
Iteration: 3542; Percent complete: 88.5%; Average loss: 3.7311  
Iteration: 3543; Percent complete: 88.6%; Average loss: 3.8286  
Iteration: 3544; Percent complete: 88.6%; Average loss: 3.6403  
Iteration: 3545; Percent complete: 88.6%; Average loss: 3.6506  
Iteration: 3546; Percent complete: 88.6%; Average loss: 3.9349  
Iteration: 3547; Percent complete: 88.7%; Average loss: 3.5708  
Iteration: 3548; Percent complete: 88.7%; Average loss: 3.9164  
Iteration: 3549; Percent complete: 88.7%; Average loss: 3.7042  
Iteration: 3550; Percent complete: 88.8%; Average loss: 3.7622  
Iteration: 3551; Percent complete: 88.8%; Average loss: 3.7060  
Iteration: 3552; Percent complete: 88.8%; Average loss: 3.7791  
Iteration: 3553; Percent complete: 88.8%; Average loss: 3.8042  
Iteration: 3554; Percent complete: 88.8%; Average loss: 3.7443  
Iteration: 3555; Percent complete: 88.9%; Average loss: 3.8979  
Iteration: 3556; Percent complete: 88.9%; Average loss: 3.6701  
Iteration: 3557; Percent complete: 88.9%; Average loss: 4.1135  
Iteration: 3558; Percent complete: 88.9%; Average loss: 3.6664  
Iteration: 3559; Percent complete: 89.0%; Average loss: 3.7737  
Iteration: 3560; Percent complete: 89.0%; Average loss: 3.6604  
Iteration: 3561; Percent complete: 89.0%; Average loss: 4.2096  
Iteration: 3562; Percent complete: 89.0%; Average loss: 3.5706  
Iteration: 3563; Percent complete: 89.1%; Average loss: 4.1858  
Iteration: 3564; Percent complete: 89.1%; Average loss: 3.7595  
Iteration: 3565; Percent complete: 89.1%; Average loss: 3.6327  
Iteration: 3566; Percent complete: 89.1%; Average loss: 3.3936  
Iteration: 3567; Percent complete: 89.2%; Average loss: 3.9071  
Iteration: 3568; Percent complete: 89.2%; Average loss: 3.7657  
Iteration: 3569; Percent complete: 89.2%; Average loss: 3.6159  
Iteration: 3570; Percent complete: 89.2%; Average loss: 3.6951  
Iteration: 3571; Percent complete: 89.3%; Average loss: 3.5701  
Iteration: 3572; Percent complete: 89.3%; Average loss: 4.2107  
Iteration: 3573; Percent complete: 89.3%; Average loss: 3.6980  
Iteration: 3574; Percent complete: 89.3%; Average loss: 3.6542  
Iteration: 3575; Percent complete: 89.4%; Average loss: 3.6007  
Iteration: 3576; Percent complete: 89.4%; Average loss: 4.3498  
Iteration: 3577; Percent complete: 89.4%; Average loss: 3.7637  
Iteration: 3578; Percent complete: 89.5%; Average loss: 3.6849  
Iteration: 3579; Percent complete: 89.5%; Average loss: 3.6302  
Iteration: 3580; Percent complete: 89.5%; Average loss: 3.8508  
Iteration: 3581; Percent complete: 89.5%; Average loss: 3.7736  
Iteration: 3582; Percent complete: 89.5%; Average loss: 3.8602  
Iteration: 3583; Percent complete: 89.6%; Average loss: 3.9007  
Iteration: 3584; Percent complete: 89.6%; Average loss: 3.4866  
Iteration: 3585; Percent complete: 89.6%; Average loss: 3.6794

Iteration: 3586; Percent complete: 89.6%; Average loss: 3.5738  
Iteration: 3587; Percent complete: 89.7%; Average loss: 3.6029  
Iteration: 3588; Percent complete: 89.7%; Average loss: 3.6483  
Iteration: 3589; Percent complete: 89.7%; Average loss: 3.4692  
Iteration: 3590; Percent complete: 89.8%; Average loss: 3.8359  
Iteration: 3591; Percent complete: 89.8%; Average loss: 3.5430  
Iteration: 3592; Percent complete: 89.8%; Average loss: 4.1318  
Iteration: 3593; Percent complete: 89.8%; Average loss: 3.9882  
Iteration: 3594; Percent complete: 89.8%; Average loss: 3.8148  
Iteration: 3595; Percent complete: 89.9%; Average loss: 3.7051  
Iteration: 3596; Percent complete: 89.9%; Average loss: 3.8085  
Iteration: 3597; Percent complete: 89.9%; Average loss: 3.9997  
Iteration: 3598; Percent complete: 90.0%; Average loss: 3.6771  
Iteration: 3599; Percent complete: 90.0%; Average loss: 3.9299  
Iteration: 3600; Percent complete: 90.0%; Average loss: 3.8141  
Iteration: 3601; Percent complete: 90.0%; Average loss: 3.7337  
Iteration: 3602; Percent complete: 90.0%; Average loss: 3.8900  
Iteration: 3603; Percent complete: 90.1%; Average loss: 4.0977  
Iteration: 3604; Percent complete: 90.1%; Average loss: 3.7124  
Iteration: 3605; Percent complete: 90.1%; Average loss: 3.5162  
Iteration: 3606; Percent complete: 90.1%; Average loss: 4.1456  
Iteration: 3607; Percent complete: 90.2%; Average loss: 3.7795  
Iteration: 3608; Percent complete: 90.2%; Average loss: 3.9852  
Iteration: 3609; Percent complete: 90.2%; Average loss: 3.8799  
Iteration: 3610; Percent complete: 90.2%; Average loss: 3.4754  
Iteration: 3611; Percent complete: 90.3%; Average loss: 3.7664  
Iteration: 3612; Percent complete: 90.3%; Average loss: 3.5403  
Iteration: 3613; Percent complete: 90.3%; Average loss: 3.6060  
Iteration: 3614; Percent complete: 90.3%; Average loss: 3.6763  
Iteration: 3615; Percent complete: 90.4%; Average loss: 3.3315  
Iteration: 3616; Percent complete: 90.4%; Average loss: 3.5639  
Iteration: 3617; Percent complete: 90.4%; Average loss: 3.5194  
Iteration: 3618; Percent complete: 90.5%; Average loss: 3.9279  
Iteration: 3619; Percent complete: 90.5%; Average loss: 4.0621  
Iteration: 3620; Percent complete: 90.5%; Average loss: 3.8510  
Iteration: 3621; Percent complete: 90.5%; Average loss: 3.6623  
Iteration: 3622; Percent complete: 90.5%; Average loss: 3.8268  
Iteration: 3623; Percent complete: 90.6%; Average loss: 3.7075  
Iteration: 3624; Percent complete: 90.6%; Average loss: 3.6142  
Iteration: 3625; Percent complete: 90.6%; Average loss: 3.7447  
Iteration: 3626; Percent complete: 90.6%; Average loss: 3.9558  
Iteration: 3627; Percent complete: 90.7%; Average loss: 3.9286  
Iteration: 3628; Percent complete: 90.7%; Average loss: 3.6149  
Iteration: 3629; Percent complete: 90.7%; Average loss: 4.0394  
Iteration: 3630; Percent complete: 90.8%; Average loss: 3.7712  
Iteration: 3631; Percent complete: 90.8%; Average loss: 3.3664  
Iteration: 3632; Percent complete: 90.8%; Average loss: 3.8105  
Iteration: 3633; Percent complete: 90.8%; Average loss: 3.8131  
Iteration: 3634; Percent complete: 90.8%; Average loss: 3.9406  
Iteration: 3635; Percent complete: 90.9%; Average loss: 3.7828  
Iteration: 3636; Percent complete: 90.9%; Average loss: 3.8388  
Iteration: 3637; Percent complete: 90.9%; Average loss: 3.6834  
Iteration: 3638; Percent complete: 91.0%; Average loss: 4.0341  
Iteration: 3639; Percent complete: 91.0%; Average loss: 3.6618  
Iteration: 3640; Percent complete: 91.0%; Average loss: 3.7868  
Iteration: 3641; Percent complete: 91.0%; Average loss: 3.4215  
Iteration: 3642; Percent complete: 91.0%; Average loss: 3.6457  
Iteration: 3643; Percent complete: 91.1%; Average loss: 3.6704  
Iteration: 3644; Percent complete: 91.1%; Average loss: 3.5667  
Iteration: 3645; Percent complete: 91.1%; Average loss: 3.6444  
Iteration: 3646; Percent complete: 91.1%; Average loss: 3.4701  
Iteration: 3647; Percent complete: 91.2%; Average loss: 4.0011  
Iteration: 3648; Percent complete: 91.2%; Average loss: 3.6792  
Iteration: 3649; Percent complete: 91.2%; Average loss: 4.1216  
Iteration: 3650; Percent complete: 91.2%; Average loss: 3.6133  
Iteration: 3651; Percent complete: 91.3%; Average loss: 3.5569  
Iteration: 3652; Percent complete: 91.3%; Average loss: 4.0675  
Iteration: 3653; Percent complete: 91.3%; Average loss: 3.3531  
Iteration: 3654; Percent complete: 91.3%; Average loss: 3.5905  
Iteration: 3655; Percent complete: 91.4%; Average loss: 3.5469  
Iteration: 3656; Percent complete: 91.4%; Average loss: 3.9762  
Iteration: 3657; Percent complete: 91.4%; Average loss: 3.9513  
Iteration: 3658; Percent complete: 91.5%; Average loss: 3.6173  
Iteration: 3659; Percent complete: 91.5%; Average loss: 3.5095  
Iteration: 3660; Percent complete: 91.5%; Average loss: 3.6823  
Iteration: 3661; Percent complete: 91.5%; Average loss: 4.2775  
Iteration: 3662; Percent complete: 91.5%; Average loss: 3.8212  
Iteration: 3663; Percent complete: 91.6%; Average loss: 3.9197  
Iteration: 3664; Percent complete: 91.6%; Average loss: 3.6379  
Iteration: 3665; Percent complete: 91.6%; Average loss: 3.3690  
Iteration: 3666; Percent complete: 91.6%; Average loss: 3.7289  
Iteration: 3667; Percent complete: 91.7%; Average loss: 3.4127  
Iteration: 3668; Percent complete: 91.7%; Average loss: 3.1191  
Iteration: 3669; Percent complete: 91.7%; Average loss: 3.9499  
Iteration: 3670; Percent complete: 91.8%; Average loss: 3.6235  
Iteration: 3671; Percent complete: 91.8%; Average loss: 3.9753  
Iteration: 3672; Percent complete: 91.8%; Average loss: 4.0639  
Iteration: 3673; Percent complete: 91.8%; Average loss: 3.6419  
Iteration: 3674; Percent complete: 91.8%; Average loss: 3.8048  
Iteration: 3675; Percent complete: 91.9%; Average loss: 3.9940  
Iteration: 3676; Percent complete: 91.9%; Average loss: 3.5415

Iteration: 3677; Percent complete: 91.9%; Average loss: 4.3081  
Iteration: 3678; Percent complete: 92.0%; Average loss: 3.5566  
Iteration: 3679; Percent complete: 92.0%; Average loss: 3.5586  
Iteration: 3680; Percent complete: 92.0%; Average loss: 3.6121  
Iteration: 3681; Percent complete: 92.0%; Average loss: 3.5515  
Iteration: 3682; Percent complete: 92.0%; Average loss: 3.6810  
Iteration: 3683; Percent complete: 92.1%; Average loss: 3.4066  
Iteration: 3684; Percent complete: 92.1%; Average loss: 3.3990  
Iteration: 3685; Percent complete: 92.1%; Average loss: 3.9549  
Iteration: 3686; Percent complete: 92.2%; Average loss: 3.7099  
Iteration: 3687; Percent complete: 92.2%; Average loss: 3.8937  
Iteration: 3688; Percent complete: 92.2%; Average loss: 3.7397  
Iteration: 3689; Percent complete: 92.2%; Average loss: 3.7060  
Iteration: 3690; Percent complete: 92.2%; Average loss: 3.5501  
Iteration: 3691; Percent complete: 92.3%; Average loss: 3.9023  
Iteration: 3692; Percent complete: 92.3%; Average loss: 3.5742  
Iteration: 3693; Percent complete: 92.3%; Average loss: 3.7716  
Iteration: 3694; Percent complete: 92.3%; Average loss: 3.4248  
Iteration: 3695; Percent complete: 92.4%; Average loss: 4.0188  
Iteration: 3696; Percent complete: 92.4%; Average loss: 3.6173  
Iteration: 3697; Percent complete: 92.4%; Average loss: 3.5033  
Iteration: 3698; Percent complete: 92.5%; Average loss: 3.9411  
Iteration: 3699; Percent complete: 92.5%; Average loss: 3.8580  
Iteration: 3700; Percent complete: 92.5%; Average loss: 4.0319  
Iteration: 3701; Percent complete: 92.5%; Average loss: 3.6352  
Iteration: 3702; Percent complete: 92.5%; Average loss: 3.8781  
Iteration: 3703; Percent complete: 92.6%; Average loss: 3.6380  
Iteration: 3704; Percent complete: 92.6%; Average loss: 4.2381  
Iteration: 3705; Percent complete: 92.6%; Average loss: 3.9867  
Iteration: 3706; Percent complete: 92.7%; Average loss: 3.7644  
Iteration: 3707; Percent complete: 92.7%; Average loss: 3.7433  
Iteration: 3708; Percent complete: 92.7%; Average loss: 3.5156  
Iteration: 3709; Percent complete: 92.7%; Average loss: 3.5133  
Iteration: 3710; Percent complete: 92.8%; Average loss: 3.6254  
Iteration: 3711; Percent complete: 92.8%; Average loss: 3.6946  
Iteration: 3712; Percent complete: 92.8%; Average loss: 3.5649  
Iteration: 3713; Percent complete: 92.8%; Average loss: 3.5668  
Iteration: 3714; Percent complete: 92.8%; Average loss: 4.1394  
Iteration: 3715; Percent complete: 92.9%; Average loss: 3.6419  
Iteration: 3716; Percent complete: 92.9%; Average loss: 3.4804  
Iteration: 3717; Percent complete: 92.9%; Average loss: 3.8768  
Iteration: 3718; Percent complete: 93.0%; Average loss: 3.5700  
Iteration: 3719; Percent complete: 93.0%; Average loss: 3.8000  
Iteration: 3720; Percent complete: 93.0%; Average loss: 4.1699  
Iteration: 3721; Percent complete: 93.0%; Average loss: 3.7746  
Iteration: 3722; Percent complete: 93.0%; Average loss: 3.6648  
Iteration: 3723; Percent complete: 93.1%; Average loss: 3.8936  
Iteration: 3724; Percent complete: 93.1%; Average loss: 3.3817  
Iteration: 3725; Percent complete: 93.1%; Average loss: 3.5334  
Iteration: 3726; Percent complete: 93.2%; Average loss: 3.8940  
Iteration: 3727; Percent complete: 93.2%; Average loss: 4.1815  
Iteration: 3728; Percent complete: 93.2%; Average loss: 3.4999  
Iteration: 3729; Percent complete: 93.2%; Average loss: 3.8195  
Iteration: 3730; Percent complete: 93.2%; Average loss: 3.8612  
Iteration: 3731; Percent complete: 93.3%; Average loss: 3.5588  
Iteration: 3732; Percent complete: 93.3%; Average loss: 3.9966  
Iteration: 3733; Percent complete: 93.3%; Average loss: 3.3285  
Iteration: 3734; Percent complete: 93.3%; Average loss: 4.0656  
Iteration: 3735; Percent complete: 93.4%; Average loss: 3.7561  
Iteration: 3736; Percent complete: 93.4%; Average loss: 3.6849  
Iteration: 3737; Percent complete: 93.4%; Average loss: 3.6277  
Iteration: 3738; Percent complete: 93.5%; Average loss: 3.8468  
Iteration: 3739; Percent complete: 93.5%; Average loss: 3.7380  
Iteration: 3740; Percent complete: 93.5%; Average loss: 4.0715  
Iteration: 3741; Percent complete: 93.5%; Average loss: 3.6748  
Iteration: 3742; Percent complete: 93.5%; Average loss: 3.6430  
Iteration: 3743; Percent complete: 93.6%; Average loss: 3.8716  
Iteration: 3744; Percent complete: 93.6%; Average loss: 3.6537  
Iteration: 3745; Percent complete: 93.6%; Average loss: 3.4986  
Iteration: 3746; Percent complete: 93.7%; Average loss: 3.3548  
Iteration: 3747; Percent complete: 93.7%; Average loss: 3.7602  
Iteration: 3748; Percent complete: 93.7%; Average loss: 3.7773  
Iteration: 3749; Percent complete: 93.7%; Average loss: 3.2955  
Iteration: 3750; Percent complete: 93.8%; Average loss: 3.9496  
Iteration: 3751; Percent complete: 93.8%; Average loss: 3.5737  
Iteration: 3752; Percent complete: 93.8%; Average loss: 3.7270  
Iteration: 3753; Percent complete: 93.8%; Average loss: 3.8554  
Iteration: 3754; Percent complete: 93.8%; Average loss: 3.6162  
Iteration: 3755; Percent complete: 93.9%; Average loss: 3.6522  
Iteration: 3756; Percent complete: 93.9%; Average loss: 3.9103  
Iteration: 3757; Percent complete: 93.9%; Average loss: 3.7086  
Iteration: 3758; Percent complete: 94.0%; Average loss: 3.8919  
Iteration: 3759; Percent complete: 94.0%; Average loss: 3.6380  
Iteration: 3760; Percent complete: 94.0%; Average loss: 3.8239  
Iteration: 3761; Percent complete: 94.0%; Average loss: 3.5051  
Iteration: 3762; Percent complete: 94.0%; Average loss: 4.0940  
Iteration: 3763; Percent complete: 94.1%; Average loss: 3.4223  
Iteration: 3764; Percent complete: 94.1%; Average loss: 3.3384  
Iteration: 3765; Percent complete: 94.1%; Average loss: 3.9636  
Iteration: 3766; Percent complete: 94.2%; Average loss: 3.8497  
Iteration: 3767; Percent complete: 94.2%; Average loss: 4.3520  
Iteration: 3768; Percent complete: 94.2%; Average loss: 3.9878

Iteration: 3768; Percent complete: 94.2%; Average loss: 3.9678  
Iteration: 3769; Percent complete: 94.2%; Average loss: 3.6126  
Iteration: 3770; Percent complete: 94.2%; Average loss: 3.8677  
Iteration: 3771; Percent complete: 94.3%; Average loss: 4.0299  
Iteration: 3772; Percent complete: 94.3%; Average loss: 3.3944  
Iteration: 3773; Percent complete: 94.3%; Average loss: 3.7770  
Iteration: 3774; Percent complete: 94.3%; Average loss: 3.9563  
Iteration: 3775; Percent complete: 94.4%; Average loss: 4.1489  
Iteration: 3776; Percent complete: 94.4%; Average loss: 3.9528  
Iteration: 3777; Percent complete: 94.4%; Average loss: 3.5856  
Iteration: 3778; Percent complete: 94.5%; Average loss: 3.6664  
Iteration: 3779; Percent complete: 94.5%; Average loss: 3.3487  
Iteration: 3780; Percent complete: 94.5%; Average loss: 3.7540  
Iteration: 3781; Percent complete: 94.5%; Average loss: 3.8461  
Iteration: 3782; Percent complete: 94.5%; Average loss: 4.1540  
Iteration: 3783; Percent complete: 94.6%; Average loss: 3.9961  
Iteration: 3784; Percent complete: 94.6%; Average loss: 3.4404  
Iteration: 3785; Percent complete: 94.6%; Average loss: 3.7928  
Iteration: 3786; Percent complete: 94.7%; Average loss: 4.2587  
Iteration: 3787; Percent complete: 94.7%; Average loss: 3.9413  
Iteration: 3788; Percent complete: 94.7%; Average loss: 3.6190  
Iteration: 3789; Percent complete: 94.7%; Average loss: 3.8477  
Iteration: 3790; Percent complete: 94.8%; Average loss: 3.2913  
Iteration: 3791; Percent complete: 94.8%; Average loss: 3.9445  
Iteration: 3792; Percent complete: 94.8%; Average loss: 3.8426  
Iteration: 3793; Percent complete: 94.8%; Average loss: 3.4338  
Iteration: 3794; Percent complete: 94.8%; Average loss: 4.1230  
Iteration: 3795; Percent complete: 94.9%; Average loss: 3.5164  
Iteration: 3796; Percent complete: 94.9%; Average loss: 3.5236  
Iteration: 3797; Percent complete: 94.9%; Average loss: 3.9656  
Iteration: 3798; Percent complete: 95.0%; Average loss: 3.6178  
Iteration: 3799; Percent complete: 95.0%; Average loss: 3.8520  
Iteration: 3800; Percent complete: 95.0%; Average loss: 3.8373  
Iteration: 3801; Percent complete: 95.0%; Average loss: 3.7756  
Iteration: 3802; Percent complete: 95.0%; Average loss: 4.0282  
Iteration: 3803; Percent complete: 95.1%; Average loss: 3.6973  
Iteration: 3804; Percent complete: 95.1%; Average loss: 3.3899  
Iteration: 3805; Percent complete: 95.1%; Average loss: 3.7864  
Iteration: 3806; Percent complete: 95.2%; Average loss: 3.6183  
Iteration: 3807; Percent complete: 95.2%; Average loss: 3.8381  
Iteration: 3808; Percent complete: 95.2%; Average loss: 3.6889  
Iteration: 3809; Percent complete: 95.2%; Average loss: 3.6982  
Iteration: 3810; Percent complete: 95.2%; Average loss: 3.9814  
Iteration: 3811; Percent complete: 95.3%; Average loss: 3.8751  
Iteration: 3812; Percent complete: 95.3%; Average loss: 4.1503  
Iteration: 3813; Percent complete: 95.3%; Average loss: 3.9145  
Iteration: 3814; Percent complete: 95.3%; Average loss: 3.9260  
Iteration: 3815; Percent complete: 95.4%; Average loss: 3.6097  
Iteration: 3816; Percent complete: 95.4%; Average loss: 3.8047  
Iteration: 3817; Percent complete: 95.4%; Average loss: 3.9967  
Iteration: 3818; Percent complete: 95.5%; Average loss: 4.1776  
Iteration: 3819; Percent complete: 95.5%; Average loss: 3.8755  
Iteration: 3820; Percent complete: 95.5%; Average loss: 3.4370  
Iteration: 3821; Percent complete: 95.5%; Average loss: 4.0072  
Iteration: 3822; Percent complete: 95.5%; Average loss: 3.5735  
Iteration: 3823; Percent complete: 95.6%; Average loss: 4.0467  
Iteration: 3824; Percent complete: 95.6%; Average loss: 3.7457  
Iteration: 3825; Percent complete: 95.6%; Average loss: 3.7131  
Iteration: 3826; Percent complete: 95.7%; Average loss: 3.4126  
Iteration: 3827; Percent complete: 95.7%; Average loss: 3.6072  
Iteration: 3828; Percent complete: 95.7%; Average loss: 3.4964  
Iteration: 3829; Percent complete: 95.7%; Average loss: 3.6763  
Iteration: 3830; Percent complete: 95.8%; Average loss: 3.8792  
Iteration: 3831; Percent complete: 95.8%; Average loss: 3.5474  
Iteration: 3832; Percent complete: 95.8%; Average loss: 3.6837  
Iteration: 3833; Percent complete: 95.8%; Average loss: 4.3753  
Iteration: 3834; Percent complete: 95.9%; Average loss: 3.7288  
Iteration: 3835; Percent complete: 95.9%; Average loss: 3.9167  
Iteration: 3836; Percent complete: 95.9%; Average loss: 3.6247  
Iteration: 3837; Percent complete: 95.9%; Average loss: 3.7792  
Iteration: 3838; Percent complete: 96.0%; Average loss: 3.6260  
Iteration: 3839; Percent complete: 96.0%; Average loss: 3.8881  
Iteration: 3840; Percent complete: 96.0%; Average loss: 3.8364  
Iteration: 3841; Percent complete: 96.0%; Average loss: 3.7834  
Iteration: 3842; Percent complete: 96.0%; Average loss: 3.2972  
Iteration: 3843; Percent complete: 96.1%; Average loss: 3.8111  
Iteration: 3844; Percent complete: 96.1%; Average loss: 3.7438  
Iteration: 3845; Percent complete: 96.1%; Average loss: 3.3418  
Iteration: 3846; Percent complete: 96.2%; Average loss: 3.8529  
Iteration: 3847; Percent complete: 96.2%; Average loss: 3.9455  
Iteration: 3848; Percent complete: 96.2%; Average loss: 3.8146  
Iteration: 3849; Percent complete: 96.2%; Average loss: 3.7941  
Iteration: 3850; Percent complete: 96.2%; Average loss: 4.1287  
Iteration: 3851; Percent complete: 96.3%; Average loss: 3.7246  
Iteration: 3852; Percent complete: 96.3%; Average loss: 3.8554  
Iteration: 3853; Percent complete: 96.3%; Average loss: 3.5196  
Iteration: 3854; Percent complete: 96.4%; Average loss: 4.2281  
Iteration: 3855; Percent complete: 96.4%; Average loss: 4.0917  
Iteration: 3856; Percent complete: 96.4%; Average loss: 3.9399  
Iteration: 3857; Percent complete: 96.4%; Average loss: 3.8631  
Iteration: 3858; Percent complete: 96.5%; Average loss: 3.6405  
Iteration: 3859; Percent complete: 96.5%; Average loss: 3.7400



Iteration: 3860; Percent complete: 96.5%; Average loss: 3.9229  
Iteration: 3861; Percent complete: 96.5%; Average loss: 3.7326  
Iteration: 3862; Percent complete: 96.5%; Average loss: 3.5924  
Iteration: 3863; Percent complete: 96.6%; Average loss: 3.8488  
Iteration: 3864; Percent complete: 96.6%; Average loss: 3.9841  
Iteration: 3865; Percent complete: 96.6%; Average loss: 3.4099  
Iteration: 3866; Percent complete: 96.7%; Average loss: 3.7600  
Iteration: 3867; Percent complete: 96.7%; Average loss: 4.0590  
Iteration: 3868; Percent complete: 96.7%; Average loss: 3.9115  
Iteration: 3869; Percent complete: 96.7%; Average loss: 4.0672  
Iteration: 3870; Percent complete: 96.8%; Average loss: 3.4081  
Iteration: 3871; Percent complete: 96.8%; Average loss: 3.8098  
Iteration: 3872; Percent complete: 96.8%; Average loss: 3.8815  
Iteration: 3873; Percent complete: 96.8%; Average loss: 3.7140  
Iteration: 3874; Percent complete: 96.9%; Average loss: 3.3441  
Iteration: 3875; Percent complete: 96.9%; Average loss: 3.6388  
Iteration: 3876; Percent complete: 96.9%; Average loss: 3.7231  
Iteration: 3877; Percent complete: 96.9%; Average loss: 3.2802  
Iteration: 3878; Percent complete: 97.0%; Average loss: 4.0395  
Iteration: 3879; Percent complete: 97.0%; Average loss: 3.7692  
Iteration: 3880; Percent complete: 97.0%; Average loss: 3.6744  
Iteration: 3881; Percent complete: 97.0%; Average loss: 3.5423  
Iteration: 3882; Percent complete: 97.0%; Average loss: 3.8054  
Iteration: 3883; Percent complete: 97.1%; Average loss: 3.6420  
Iteration: 3884; Percent complete: 97.1%; Average loss: 4.1203  
Iteration: 3885; Percent complete: 97.1%; Average loss: 3.8862  
Iteration: 3886; Percent complete: 97.2%; Average loss: 3.8484  
Iteration: 3887; Percent complete: 97.2%; Average loss: 4.3105  
Iteration: 3888; Percent complete: 97.2%; Average loss: 3.6621  
Iteration: 3889; Percent complete: 97.2%; Average loss: 3.9853  
Iteration: 3890; Percent complete: 97.2%; Average loss: 3.8723  
Iteration: 3891; Percent complete: 97.3%; Average loss: 3.5646  
Iteration: 3892; Percent complete: 97.3%; Average loss: 3.6745  
Iteration: 3893; Percent complete: 97.3%; Average loss: 3.7075  
Iteration: 3894; Percent complete: 97.4%; Average loss: 3.6920  
Iteration: 3895; Percent complete: 97.4%; Average loss: 4.3852  
Iteration: 3896; Percent complete: 97.4%; Average loss: 3.5532  
Iteration: 3897; Percent complete: 97.4%; Average loss: 3.6780  
Iteration: 3898; Percent complete: 97.5%; Average loss: 3.6372  
Iteration: 3899; Percent complete: 97.5%; Average loss: 3.7566  
Iteration: 3900; Percent complete: 97.5%; Average loss: 3.8570  
Iteration: 3901; Percent complete: 97.5%; Average loss: 4.0596  
Iteration: 3902; Percent complete: 97.5%; Average loss: 3.4314  
Iteration: 3903; Percent complete: 97.6%; Average loss: 4.1824  
Iteration: 3904; Percent complete: 97.6%; Average loss: 4.1950  
Iteration: 3905; Percent complete: 97.6%; Average loss: 3.4719  
Iteration: 3906; Percent complete: 97.7%; Average loss: 3.9742  
Iteration: 3907; Percent complete: 97.7%; Average loss: 3.6292  
Iteration: 3908; Percent complete: 97.7%; Average loss: 3.7620  
Iteration: 3909; Percent complete: 97.7%; Average loss: 3.9882  
Iteration: 3910; Percent complete: 97.8%; Average loss: 3.7721  
Iteration: 3911; Percent complete: 97.8%; Average loss: 3.4871  
Iteration: 3912; Percent complete: 97.8%; Average loss: 3.5483  
Iteration: 3913; Percent complete: 97.8%; Average loss: 3.9424  
Iteration: 3914; Percent complete: 97.9%; Average loss: 3.6706  
Iteration: 3915; Percent complete: 97.9%; Average loss: 3.8263  
Iteration: 3916; Percent complete: 97.9%; Average loss: 3.7833  
Iteration: 3917; Percent complete: 97.9%; Average loss: 3.7264  
Iteration: 3918; Percent complete: 98.0%; Average loss: 3.8034  
Iteration: 3919; Percent complete: 98.0%; Average loss: 3.8535  
Iteration: 3920; Percent complete: 98.0%; Average loss: 3.9471  
Iteration: 3921; Percent complete: 98.0%; Average loss: 3.8285  
Iteration: 3922; Percent complete: 98.0%; Average loss: 4.1782  
Iteration: 3923; Percent complete: 98.1%; Average loss: 3.5133  
Iteration: 3924; Percent complete: 98.1%; Average loss: 3.9239  
Iteration: 3925; Percent complete: 98.1%; Average loss: 3.6176  
Iteration: 3926; Percent complete: 98.2%; Average loss: 4.2258  
Iteration: 3927; Percent complete: 98.2%; Average loss: 3.8149  
Iteration: 3928; Percent complete: 98.2%; Average loss: 3.6083  
Iteration: 3929; Percent complete: 98.2%; Average loss: 3.7155  
Iteration: 3930; Percent complete: 98.2%; Average loss: 3.3227  
Iteration: 3931; Percent complete: 98.3%; Average loss: 3.6330  
Iteration: 3932; Percent complete: 98.3%; Average loss: 3.9387  
Iteration: 3933; Percent complete: 98.3%; Average loss: 3.6197  
Iteration: 3934; Percent complete: 98.4%; Average loss: 3.4868  
Iteration: 3935; Percent complete: 98.4%; Average loss: 3.7556  
Iteration: 3936; Percent complete: 98.4%; Average loss: 3.9141  
Iteration: 3937; Percent complete: 98.4%; Average loss: 3.6251  
Iteration: 3938; Percent complete: 98.5%; Average loss: 4.2550  
Iteration: 3939; Percent complete: 98.5%; Average loss: 3.6004  
Iteration: 3940; Percent complete: 98.5%; Average loss: 3.4962  
Iteration: 3941; Percent complete: 98.5%; Average loss: 3.7913  
Iteration: 3942; Percent complete: 98.6%; Average loss: 3.9900  
Iteration: 3943; Percent complete: 98.6%; Average loss: 3.6386  
Iteration: 3944; Percent complete: 98.6%; Average loss: 3.7503  
Iteration: 3945; Percent complete: 98.6%; Average loss: 3.5983  
Iteration: 3946; Percent complete: 98.7%; Average loss: 3.3160  
Iteration: 3947; Percent complete: 98.7%; Average loss: 3.4874  
Iteration: 3948; Percent complete: 98.7%; Average loss: 3.7778  
Iteration: 3949; Percent complete: 98.7%; Average loss: 3.5947  
Iteration: 3950; Percent complete: 98.8%; Average loss: 3.8884

Iteration: 3951; Percent complete: 98.8%; Average loss: 3.6980  
Iteration: 3952; Percent complete: 98.8%; Average loss: 3.5699  
Iteration: 3953; Percent complete: 98.8%; Average loss: 3.7503  
Iteration: 3954; Percent complete: 98.9%; Average loss: 3.7025  
Iteration: 3955; Percent complete: 98.9%; Average loss: 3.7841  
Iteration: 3956; Percent complete: 98.9%; Average loss: 4.1088  
Iteration: 3957; Percent complete: 98.9%; Average loss: 3.7510  
Iteration: 3958; Percent complete: 99.0%; Average loss: 3.6117  
Iteration: 3959; Percent complete: 99.0%; Average loss: 3.7581  
Iteration: 3960; Percent complete: 99.0%; Average loss: 3.7587  
Iteration: 3961; Percent complete: 99.0%; Average loss: 3.6406  
Iteration: 3962; Percent complete: 99.1%; Average loss: 3.2948  
Iteration: 3963; Percent complete: 99.1%; Average loss: 3.7570  
Iteration: 3964; Percent complete: 99.1%; Average loss: 3.7061  
Iteration: 3965; Percent complete: 99.1%; Average loss: 3.5428  
Iteration: 3966; Percent complete: 99.2%; Average loss: 3.4603  
Iteration: 3967; Percent complete: 99.2%; Average loss: 3.9788  
Iteration: 3968; Percent complete: 99.2%; Average loss: 3.9216  
Iteration: 3969; Percent complete: 99.2%; Average loss: 3.6915  
Iteration: 3970; Percent complete: 99.2%; Average loss: 3.5007  
Iteration: 3971; Percent complete: 99.3%; Average loss: 3.4324  
Iteration: 3972; Percent complete: 99.3%; Average loss: 4.1618  
Iteration: 3973; Percent complete: 99.3%; Average loss: 3.8702  
Iteration: 3974; Percent complete: 99.4%; Average loss: 4.0917  
Iteration: 3975; Percent complete: 99.4%; Average loss: 3.5210  
Iteration: 3976; Percent complete: 99.4%; Average loss: 3.8743  
Iteration: 3977; Percent complete: 99.4%; Average loss: 4.0178  
Iteration: 3978; Percent complete: 99.5%; Average loss: 3.3538  
Iteration: 3979; Percent complete: 99.5%; Average loss: 3.8127  
Iteration: 3980; Percent complete: 99.5%; Average loss: 3.5770  
Iteration: 3981; Percent complete: 99.5%; Average loss: 3.4826  
Iteration: 3982; Percent complete: 99.6%; Average loss: 3.5586  
Iteration: 3983; Percent complete: 99.6%; Average loss: 3.6961  
Iteration: 3984; Percent complete: 99.6%; Average loss: 3.7515  
Iteration: 3985; Percent complete: 99.6%; Average loss: 3.8327  
Iteration: 3986; Percent complete: 99.7%; Average loss: 3.6821  
Iteration: 3987; Percent complete: 99.7%; Average loss: 3.7530  
Iteration: 3988; Percent complete: 99.7%; Average loss: 3.5008  
Iteration: 3989; Percent complete: 99.7%; Average loss: 3.6243  
Iteration: 3990; Percent complete: 99.8%; Average loss: 3.7948  
Iteration: 3991; Percent complete: 99.8%; Average loss: 4.0299  
Iteration: 3992; Percent complete: 99.8%; Average loss: 3.7852  
Iteration: 3993; Percent complete: 99.8%; Average loss: 3.7349  
Iteration: 3994; Percent complete: 99.9%; Average loss: 3.8721  
Iteration: 3995; Percent complete: 99.9%; Average loss: 3.5041  
Iteration: 3996; Percent complete: 99.9%; Average loss: 3.9293  
Iteration: 3997; Percent complete: 99.9%; Average loss: 3.2875  
Iteration: 3998; Percent complete: 100.0%; Average loss: 3.8795  
Iteration: 3999; Percent complete: 100.0%; Average loss: 3.7200  
Iteration: 4000; Percent complete: 100.0%; Average loss: 3.6699

Run history:



Run summary:

batch loss 3.66995  
epoch 14  
loss 3.8485

View run **quiet-sweep-14** at: <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps/runs/2eby28m6>  
View project at: <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps>  
Synced 5 W&B file(s), 0 media file(s), 0 artifact file(s) and 0 other file(s)  
Find logs at: ./wandb/run-20250928\_220440-2eby28m6/logs  
**wandb**: Agent Starting Run: m3xye2b0 with config:  
**wandb**: clip: 50  
**wandb**: decoder\_learning\_ratio: 10  
**wandb**: learning\_rate: 0.0001  
**wandb**: optimizer: adam  
**wandb**: teacher\_forcing\_ratio: 0  
Tracking run with wandb version 0.22.0  
Run data is saved locally in /content/wandb/run-20250928\_220818-m3xye2b0  
Syncing run **sunny-sweep-15** to [Weights & Biases](#) ([docs](#))  
Sweep page: <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps/sweeps/jvrgq7ty>  
View project at <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps>  
View sweep at <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps/sweeps/jvrgq7ty>  
View run at <https://wandb.ai/pkh2120-columbia-university/coms6998-hw1-sweeps/runs/m3xye2b0>  
Building optimizers ...  
Starting Training!  
Initializing ...  
Training...  
Iteration: 1; Percent complete: 0.0%; Average loss: 3.7955  
Iteration: 2; Percent complete: 0.1%; Average loss: 4.3536

Iteration: 3; Percent complete: 0.1%; Average loss: 3.4436  
Iteration: 4; Percent complete: 0.1%; Average loss: 3.7465  
Iteration: 5; Percent complete: 0.1%; Average loss: 4.4455  
Iteration: 6; Percent complete: 0.1%; Average loss: 4.3490  
Iteration: 7; Percent complete: 0.2%; Average loss: 3.7030  
Iteration: 8; Percent complete: 0.2%; Average loss: 3.8938  
Iteration: 9; Percent complete: 0.2%; Average loss: 3.2823  
Iteration: 10; Percent complete: 0.2%; Average loss: 3.3382  
Iteration: 11; Percent complete: 0.3%; Average loss: 3.0678  
Iteration: 12; Percent complete: 0.3%; Average loss: 4.0433  
Iteration: 13; Percent complete: 0.3%; Average loss: 4.0433  
Iteration: 14; Percent complete: 0.4%; Average loss: 3.7047  
Iteration: 15; Percent complete: 0.4%; Average loss: 3.6447  
Iteration: 16; Percent complete: 0.4%; Average loss: 4.1709  
Iteration: 17; Percent complete: 0.4%; Average loss: 3.7786  
Iteration: 18; Percent complete: 0.4%; Average loss: 3.7430  
Iteration: 19; Percent complete: 0.5%; Average loss: 3.7306  
Iteration: 20; Percent complete: 0.5%; Average loss: 3.6743  
Iteration: 21; Percent complete: 0.5%; Average loss: 3.9069  
Iteration: 22; Percent complete: 0.5%; Average loss: 3.6079  
Iteration: 23; Percent complete: 0.6%; Average loss: 3.4244  
Iteration: 24; Percent complete: 0.6%; Average loss: 3.9533  
Iteration: 25; Percent complete: 0.6%; Average loss: 3.5956  
Iteration: 26; Percent complete: 0.7%; Average loss: 3.6867  
Iteration: 27; Percent complete: 0.7%; Average loss: 4.0023  
Iteration: 28; Percent complete: 0.7%; Average loss: 4.1332  
Iteration: 29; Percent complete: 0.7%; Average loss: 3.8169  
Iteration: 30; Percent complete: 0.8%; Average loss: 3.9689  
Iteration: 31; Percent complete: 0.8%; Average loss: 4.0506  
Iteration: 32; Percent complete: 0.8%; Average loss: 3.3276  
Iteration: 33; Percent complete: 0.8%; Average loss: 3.7557  
Iteration: 34; Percent complete: 0.9%; Average loss: 3.9519  
Iteration: 35; Percent complete: 0.9%; Average loss: 3.8789  
Iteration: 36; Percent complete: 0.9%; Average loss: 4.1781  
Iteration: 37; Percent complete: 0.9%; Average loss: 3.2020  
Iteration: 38; Percent complete: 0.9%; Average loss: 3.6816  
Iteration: 39; Percent complete: 1.0%; Average loss: 3.8258  
Iteration: 40; Percent complete: 1.0%; Average loss: 3.8342  
Iteration: 41; Percent complete: 1.0%; Average loss: 3.6561  
Iteration: 42; Percent complete: 1.1%; Average loss: 4.2257  
Iteration: 43; Percent complete: 1.1%; Average loss: 3.5522  
Iteration: 44; Percent complete: 1.1%; Average loss: 3.5873  
Iteration: 45; Percent complete: 1.1%; Average loss: 3.7603  
Iteration: 46; Percent complete: 1.1%; Average loss: 3.3606  
Iteration: 47; Percent complete: 1.2%; Average loss: 3.4816  
Iteration: 48; Percent complete: 1.2%; Average loss: 3.6345  
Iteration: 49; Percent complete: 1.2%; Average loss: 3.5274  
Iteration: 50; Percent complete: 1.2%; Average loss: 3.8836  
Iteration: 51; Percent complete: 1.3%; Average loss: 3.4277  
Iteration: 52; Percent complete: 1.3%; Average loss: 3.5959  
Iteration: 53; Percent complete: 1.3%; Average loss: 3.5547  
Iteration: 54; Percent complete: 1.4%; Average loss: 3.3920  
Iteration: 55; Percent complete: 1.4%; Average loss: 3.7396  
Iteration: 56; Percent complete: 1.4%; Average loss: 3.4466  
Iteration: 57; Percent complete: 1.4%; Average loss: 3.7276  
Iteration: 58; Percent complete: 1.5%; Average loss: 3.8929  
Iteration: 59; Percent complete: 1.5%; Average loss: 3.8253  
Iteration: 60; Percent complete: 1.5%; Average loss: 3.9374  
Iteration: 61; Percent complete: 1.5%; Average loss: 4.0273  
Iteration: 62; Percent complete: 1.6%; Average loss: 3.7273  
Iteration: 63; Percent complete: 1.6%; Average loss: 4.1647  
Iteration: 64; Percent complete: 1.6%; Average loss: 3.5633  
Iteration: 65; Percent complete: 1.6%; Average loss: 3.6423  
Iteration: 66; Percent complete: 1.7%; Average loss: 3.8824  
Iteration: 67; Percent complete: 1.7%; Average loss: 3.8024  
Iteration: 68; Percent complete: 1.7%; Average loss: 3.8466  
Iteration: 69; Percent complete: 1.7%; Average loss: 4.0970  
Iteration: 70; Percent complete: 1.8%; Average loss: 3.8762  
Iteration: 71; Percent complete: 1.8%; Average loss: 3.5806  
Iteration: 72; Percent complete: 1.8%; Average loss: 3.8016  
Iteration: 73; Percent complete: 1.8%; Average loss: 3.6681  
Iteration: 74; Percent complete: 1.8%; Average loss: 3.5264  
Iteration: 75; Percent complete: 1.9%; Average loss: 3.9325  
Iteration: 76; Percent complete: 1.9%; Average loss: 3.9778  
Iteration: 77; Percent complete: 1.9%; Average loss: 3.4967  
Iteration: 78; Percent complete: 1.9%; Average loss: 3.8731  
Iteration: 79; Percent complete: 2.0%; Average loss: 3.7516  
Iteration: 80; Percent complete: 2.0%; Average loss: 3.3833  
Iteration: 81; Percent complete: 2.0%; Average loss: 3.8044  
Iteration: 82; Percent complete: 2.1%; Average loss: 3.5269  
Iteration: 83; Percent complete: 2.1%; Average loss: 3.6338  
Iteration: 84; Percent complete: 2.1%; Average loss: 3.8935  
Iteration: 85; Percent complete: 2.1%; Average loss: 3.3164  
Iteration: 86; Percent complete: 2.1%; Average loss: 3.9377  
Iteration: 87; Percent complete: 2.2%; Average loss: 4.1467  
Iteration: 88; Percent complete: 2.2%; Average loss: 3.4629  
Iteration: 89; Percent complete: 2.2%; Average loss: 3.5954  
Iteration: 90; Percent complete: 2.2%; Average loss: 3.7321  
Iteration: 91; Percent complete: 2.3%; Average loss: 3.5695  
Iteration: 92; Percent complete: 2.3%; Average loss: 3.4739  
Iteration: 93; Percent complete: 2.3%; Average loss: 3.3926

Iteration: 94; Percent complete: 2.4%; Average loss: 3.4740  
Iteration: 95; Percent complete: 2.4%; Average loss: 3.4020  
Iteration: 96; Percent complete: 2.4%; Average loss: 3.5786  
Iteration: 97; Percent complete: 2.4%; Average loss: 3.7723  
Iteration: 98; Percent complete: 2.5%; Average loss: 3.8688  
Iteration: 99; Percent complete: 2.5%; Average loss: 3.3933  
Iteration: 100; Percent complete: 2.5%; Average loss: 3.6271  
Iteration: 101; Percent complete: 2.5%; Average loss: 3.4652  
Iteration: 102; Percent complete: 2.5%; Average loss: 3.5610  
Iteration: 103; Percent complete: 2.6%; Average loss: 3.6312  
Iteration: 104; Percent complete: 2.6%; Average loss: 3.3355  
Iteration: 105; Percent complete: 2.6%; Average loss: 3.5200  
Iteration: 106; Percent complete: 2.6%; Average loss: 3.6043  
Iteration: 107; Percent complete: 2.7%; Average loss: 3.5945  
Iteration: 108; Percent complete: 2.7%; Average loss: 3.7836  
Iteration: 109; Percent complete: 2.7%; Average loss: 3.4732  
Iteration: 110; Percent complete: 2.8%; Average loss: 3.8227  
Iteration: 111; Percent complete: 2.8%; Average loss: 3.4998  
Iteration: 112; Percent complete: 2.8%; Average loss: 3.6052  
Iteration: 113; Percent complete: 2.8%; Average loss: 3.6820  
Iteration: 114; Percent complete: 2.9%; Average loss: 3.5684  
Iteration: 115; Percent complete: 2.9%; Average loss: 3.4989  
Iteration: 116; Percent complete: 2.9%; Average loss: 3.8836  
Iteration: 117; Percent complete: 2.9%; Average loss: 3.3108  
Iteration: 118; Percent complete: 2.9%; Average loss: 3.3851  
Iteration: 119; Percent complete: 3.0%; Average loss: 3.3675  
Iteration: 120; Percent complete: 3.0%; Average loss: 3.3134  
Iteration: 121; Percent complete: 3.0%; Average loss: 3.8457  
Iteration: 122; Percent complete: 3.0%; Average loss: 3.9246  
Iteration: 123; Percent complete: 3.1%; Average loss: 3.6813  
Iteration: 124; Percent complete: 3.1%; Average loss: 3.3493  
Iteration: 125; Percent complete: 3.1%; Average loss: 3.2633  
Iteration: 126; Percent complete: 3.1%; Average loss: 3.3323  
Iteration: 127; Percent complete: 3.2%; Average loss: 4.1285  
Iteration: 128; Percent complete: 3.2%; Average loss: 3.4673  
Iteration: 129; Percent complete: 3.2%; Average loss: 3.9182  
Iteration: 130; Percent complete: 3.2%; Average loss: 3.5654  
Iteration: 131; Percent complete: 3.3%; Average loss: 3.4698  
Iteration: 132; Percent complete: 3.3%; Average loss: 3.7926  
Iteration: 133; Percent complete: 3.3%; Average loss: 3.5430  
Iteration: 134; Percent complete: 3.4%; Average loss: 3.5534  
Iteration: 135; Percent complete: 3.4%; Average loss: 4.1928  
Iteration: 136; Percent complete: 3.4%; Average loss: 3.6838  
Iteration: 137; Percent complete: 3.4%; Average loss: 3.3998  
Iteration: 138; Percent complete: 3.5%; Average loss: 3.7309  
Iteration: 139; Percent complete: 3.5%; Average loss: 3.8809  
Iteration: 140; Percent complete: 3.5%; Average loss: 3.3925  
Iteration: 141; Percent complete: 3.5%; Average loss: 3.6807  
Iteration: 142; Percent complete: 3.5%; Average loss: 3.3344  
Iteration: 143; Percent complete: 3.6%; Average loss: 3.5792  
Iteration: 144; Percent complete: 3.6%; Average loss: 3.6357  
Iteration: 145; Percent complete: 3.6%; Average loss: 3.6466  
Iteration: 146; Percent complete: 3.6%; Average loss: 3.2771  
Iteration: 147; Percent complete: 3.7%; Average loss: 3.5585  
Iteration: 148; Percent complete: 3.7%; Average loss: 3.3151  
Iteration: 149; Percent complete: 3.7%; Average loss: 3.6885  
Iteration: 150; Percent complete: 3.8%; Average loss: 3.6580  
Iteration: 151; Percent complete: 3.8%; Average loss: 3.6993  
Iteration: 152; Percent complete: 3.8%; Average loss: 3.8638  
Iteration: 153; Percent complete: 3.8%; Average loss: 3.1722  
Iteration: 154; Percent complete: 3.9%; Average loss: 3.5471  
Iteration: 155; Percent complete: 3.9%; Average loss: 3.3267  
Iteration: 156; Percent complete: 3.9%; Average loss: 3.4720  
Iteration: 157; Percent complete: 3.9%; Average loss: 3.3689  
Iteration: 158; Percent complete: 4.0%; Average loss: 3.4038  
Iteration: 159; Percent complete: 4.0%; Average loss: 3.2843  
Iteration: 160; Percent complete: 4.0%; Average loss: 4.0138  
Iteration: 161; Percent complete: 4.0%; Average loss: 3.5326  
Iteration: 162; Percent complete: 4.0%; Average loss: 3.4264  
Iteration: 163; Percent complete: 4.1%; Average loss: 3.5867  
Iteration: 164; Percent complete: 4.1%; Average loss: 3.5367  
Iteration: 165; Percent complete: 4.1%; Average loss: 3.7419  
Iteration: 166; Percent complete: 4.2%; Average loss: 3.8264  
Iteration: 167; Percent complete: 4.2%; Average loss: 3.6635  
Iteration: 168; Percent complete: 4.2%; Average loss: 3.5885  
Iteration: 169; Percent complete: 4.2%; Average loss: 3.5266  
Iteration: 170; Percent complete: 4.2%; Average loss: 3.3413  
Iteration: 171; Percent complete: 4.3%; Average loss: 3.3880  
Iteration: 172; Percent complete: 4.3%; Average loss: 3.5969  
Iteration: 173; Percent complete: 4.3%; Average loss: 3.3620  
Iteration: 174; Percent complete: 4.3%; Average loss: 3.3871  
Iteration: 175; Percent complete: 4.4%; Average loss: 3.7182  
Iteration: 176; Percent complete: 4.4%; Average loss: 3.3369  
Iteration: 177; Percent complete: 4.4%; Average loss: 3.7046  
Iteration: 178; Percent complete: 4.5%; Average loss: 3.4707  
Iteration: 179; Percent complete: 4.5%; Average loss: 3.6707  
Iteration: 180; Percent complete: 4.5%; Average loss: 3.7196  
Iteration: 181; Percent complete: 4.5%; Average loss: 3.5928  
Iteration: 182; Percent complete: 4.5%; Average loss: 3.1964  
Iteration: 183; Percent complete: 4.6%; Average loss: 3.5156  
Iteration: 184; Percent complete: 4.6%; Average loss: 3.9484  
Iteration: 185; Percent complete: 4.6%; Average loss: 3.7016

Iteration: 185; Percent complete: 4.6%; Average loss: 3.7010  
Iteration: 186; Percent complete: 4.7%; Average loss: 3.6149  
Iteration: 187; Percent complete: 4.7%; Average loss: 3.5609  
Iteration: 188; Percent complete: 4.7%; Average loss: 3.1888  
Iteration: 189; Percent complete: 4.7%; Average loss: 3.7256  
Iteration: 190; Percent complete: 4.8%; Average loss: 3.4575  
Iteration: 191; Percent complete: 4.8%; Average loss: 3.4778  
Iteration: 192; Percent complete: 4.8%; Average loss: 3.5195  
Iteration: 193; Percent complete: 4.8%; Average loss: 3.7292  
Iteration: 194; Percent complete: 4.9%; Average loss: 3.6861  
Iteration: 195; Percent complete: 4.9%; Average loss: 3.5491  
Iteration: 196; Percent complete: 4.9%; Average loss: 3.8182  
Iteration: 197; Percent complete: 4.9%; Average loss: 3.3277  
Iteration: 198; Percent complete: 5.0%; Average loss: 3.4381  
Iteration: 199; Percent complete: 5.0%; Average loss: 3.3153  
Iteration: 200; Percent complete: 5.0%; Average loss: 3.3121  
Iteration: 201; Percent complete: 5.0%; Average loss: 3.2422  
Iteration: 202; Percent complete: 5.1%; Average loss: 3.5036  
Iteration: 203; Percent complete: 5.1%; Average loss: 3.4381  
Iteration: 204; Percent complete: 5.1%; Average loss: 3.5970  
Iteration: 205; Percent complete: 5.1%; Average loss: 3.7061  
Iteration: 206; Percent complete: 5.1%; Average loss: 3.5207  
Iteration: 207; Percent complete: 5.2%; Average loss: 3.2442  
Iteration: 208; Percent complete: 5.2%; Average loss: 3.5854  
Iteration: 209; Percent complete: 5.2%; Average loss: 3.8534  
Iteration: 210; Percent complete: 5.2%; Average loss: 3.3810  
Iteration: 211; Percent complete: 5.3%; Average loss: 3.7035  
Iteration: 212; Percent complete: 5.3%; Average loss: 3.4428  
Iteration: 213; Percent complete: 5.3%; Average loss: 3.6140  
Iteration: 214; Percent complete: 5.3%; Average loss: 3.5642  
Iteration: 215; Percent complete: 5.4%; Average loss: 3.2045  
Iteration: 216; Percent complete: 5.4%; Average loss: 3.4787  
Iteration: 217; Percent complete: 5.4%; Average loss: 3.2691  
Iteration: 218; Percent complete: 5.5%; Average loss: 3.0585  
Iteration: 219; Percent complete: 5.5%; Average loss: 3.8817  
Iteration: 220; Percent complete: 5.5%; Average loss: 3.5480  
Iteration: 221; Percent complete: 5.5%; Average loss: 3.5577  
Iteration: 222; Percent complete: 5.5%; Average loss: 3.3246  
Iteration: 223; Percent complete: 5.6%; Average loss: 3.1520  
Iteration: 224; Percent complete: 5.6%; Average loss: 3.5336  
Iteration: 225; Percent complete: 5.6%; Average loss: 3.4336  
Iteration: 226; Percent complete: 5.7%; Average loss: 3.5340  
Iteration: 227; Percent complete: 5.7%; Average loss: 3.6915  
Iteration: 228; Percent complete: 5.7%; Average loss: 3.4771  
Iteration: 229; Percent complete: 5.7%; Average loss: 3.6918  
Iteration: 230; Percent complete: 5.8%; Average loss: 3.8021  
Iteration: 231; Percent complete: 5.8%; Average loss: 3.6119  
Iteration: 232; Percent complete: 5.8%; Average loss: 3.6099  
Iteration: 233; Percent complete: 5.8%; Average loss: 4.0717  
Iteration: 234; Percent complete: 5.9%; Average loss: 3.6555  
Iteration: 235; Percent complete: 5.9%; Average loss: 3.5251  
Iteration: 236; Percent complete: 5.9%; Average loss: 3.7135  
Iteration: 237; Percent complete: 5.9%; Average loss: 3.5628  
Iteration: 238; Percent complete: 5.9%; Average loss: 3.4024  
Iteration: 239; Percent complete: 6.0%; Average loss: 3.7505  
Iteration: 240; Percent complete: 6.0%; Average loss: 3.3875  
Iteration: 241; Percent complete: 6.0%; Average loss: 3.5216  
Iteration: 242; Percent complete: 6.0%; Average loss: 3.2861  
Iteration: 243; Percent complete: 6.1%; Average loss: 3.2780  
Iteration: 244; Percent complete: 6.1%; Average loss: 3.5149  
Iteration: 245; Percent complete: 6.1%; Average loss: 3.3750  
Iteration: 246; Percent complete: 6.2%; Average loss: 3.8011  
Iteration: 247; Percent complete: 6.2%; Average loss: 3.5597  
Iteration: 248; Percent complete: 6.2%; Average loss: 3.4062  
Iteration: 249; Percent complete: 6.2%; Average loss: 3.9083  
Iteration: 250; Percent complete: 6.2%; Average loss: 3.4436  
Iteration: 251; Percent complete: 6.3%; Average loss: 3.3054  
Iteration: 252; Percent complete: 6.3%; Average loss: 3.6443  
Iteration: 253; Percent complete: 6.3%; Average loss: 3.4661  
Iteration: 254; Percent complete: 6.3%; Average loss: 3.7566  
Iteration: 255; Percent complete: 6.4%; Average loss: 3.3989  
Iteration: 256; Percent complete: 6.4%; Average loss: 3.0525  
Iteration: 257; Percent complete: 6.4%; Average loss: 3.6827  
Iteration: 258; Percent complete: 6.5%; Average loss: 3.7644  
Iteration: 259; Percent complete: 6.5%; Average loss: 3.8529  
Iteration: 260; Percent complete: 6.5%; Average loss: 3.4220  
Iteration: 261; Percent complete: 6.5%; Average loss: 3.6956  
Iteration: 262; Percent complete: 6.6%; Average loss: 3.5796  
Iteration: 263; Percent complete: 6.6%; Average loss: 3.3931  
Iteration: 264; Percent complete: 6.6%; Average loss: 3.7992  
Iteration: 265; Percent complete: 6.6%; Average loss: 3.1463  
Iteration: 266; Percent complete: 6.7%; Average loss: 3.2825  
Iteration: 267; Percent complete: 6.7%; Average loss: 3.4417  
Iteration: 268; Percent complete: 6.7%; Average loss: 3.5274  
Iteration: 269; Percent complete: 6.7%; Average loss: 3.3177  
Iteration: 270; Percent complete: 6.8%; Average loss: 3.2518  
Iteration: 271; Percent complete: 6.8%; Average loss: 3.4347  
Iteration: 272; Percent complete: 6.8%; Average loss: 3.5351  
Iteration: 273; Percent complete: 6.8%; Average loss: 3.4220  
Iteration: 274; Percent complete: 6.9%; Average loss: 3.7976  
Iteration: 275; Percent complete: 6.9%; Average loss: 3.3084  
Iteration: 276; Percent complete: 6.9%; Average loss: 3.3281

Iteration: 276; Percent complete: 6.9%; Average loss: 3.2342  
Iteration: 277; Percent complete: 6.9%; Average loss: 3.2342  
Iteration: 278; Percent complete: 7.0%; Average loss: 3.4318  
Iteration: 279; Percent complete: 7.0%; Average loss: 3.5050  
Iteration: 280; Percent complete: 7.0%; Average loss: 3.6248  
Iteration: 281; Percent complete: 7.0%; Average loss: 3.3258  
Iteration: 282; Percent complete: 7.0%; Average loss: 3.4583  
Iteration: 283; Percent complete: 7.1%; Average loss: 3.1939  
Iteration: 284; Percent complete: 7.1%; Average loss: 2.9811  
Iteration: 285; Percent complete: 7.1%; Average loss: 3.6027  
Iteration: 286; Percent complete: 7.1%; Average loss: 3.0474  
Iteration: 287; Percent complete: 7.2%; Average loss: 3.6431  
Iteration: 288; Percent complete: 7.2%; Average loss: 3.6674  
Iteration: 289; Percent complete: 7.2%; Average loss: 3.7186  
Iteration: 290; Percent complete: 7.2%; Average loss: 3.6239  
Iteration: 291; Percent complete: 7.3%; Average loss: 3.3428  
Iteration: 292; Percent complete: 7.3%; Average loss: 3.3549  
Iteration: 293; Percent complete: 7.3%; Average loss: 3.4923  
Iteration: 294; Percent complete: 7.3%; Average loss: 3.2039  
Iteration: 295; Percent complete: 7.4%; Average loss: 3.8573  
Iteration: 296; Percent complete: 7.4%; Average loss: 3.4716  
Iteration: 297; Percent complete: 7.4%; Average loss: 3.5546  
Iteration: 298; Percent complete: 7.4%; Average loss: 3.6251  
Iteration: 299; Percent complete: 7.5%; Average loss: 3.7421  
Iteration: 300; Percent complete: 7.5%; Average loss: 3.4286  
Iteration: 301; Percent complete: 7.5%; Average loss: 3.0884  
Iteration: 302; Percent complete: 7.5%; Average loss: 3.4644  
Iteration: 303; Percent complete: 7.6%; Average loss: 3.5804  
Iteration: 304; Percent complete: 7.6%; Average loss: 3.2383  
Iteration: 305; Percent complete: 7.6%; Average loss: 3.9504  
Iteration: 306; Percent complete: 7.6%; Average loss: 3.8614  
Iteration: 307; Percent complete: 7.7%; Average loss: 3.5289  
Iteration: 308; Percent complete: 7.7%; Average loss: 3.1800  
Iteration: 309; Percent complete: 7.7%; Average loss: 3.5916  
Iteration: 310; Percent complete: 7.8%; Average loss: 3.4765  
Iteration: 311; Percent complete: 7.8%; Average loss: 3.6139  
Iteration: 312; Percent complete: 7.8%; Average loss: 3.5634  
Iteration: 313; Percent complete: 7.8%; Average loss: 3.6098  
Iteration: 314; Percent complete: 7.8%; Average loss: 3.3748  
Iteration: 315; Percent complete: 7.9%; Average loss: 3.8319  
Iteration: 316; Percent complete: 7.9%; Average loss: 3.1069  
Iteration: 317; Percent complete: 7.9%; Average loss: 3.6941  
Iteration: 318; Percent complete: 8.0%; Average loss: 3.2738  
Iteration: 319; Percent complete: 8.0%; Average loss: 3.0522  
Iteration: 320; Percent complete: 8.0%; Average loss: 3.1430  
Iteration: 321; Percent complete: 8.0%; Average loss: 3.5840  
Iteration: 322; Percent complete: 8.1%; Average loss: 3.4234  
Iteration: 323; Percent complete: 8.1%; Average loss: 3.4617  
Iteration: 324; Percent complete: 8.1%; Average loss: 3.4518  
Iteration: 325; Percent complete: 8.1%; Average loss: 3.2722  
Iteration: 326; Percent complete: 8.2%; Average loss: 3.7057  
Iteration: 327; Percent complete: 8.2%; Average loss: 3.3920  
Iteration: 328; Percent complete: 8.2%; Average loss: 3.4610  
Iteration: 329; Percent complete: 8.2%; Average loss: 3.5268  
Iteration: 330; Percent complete: 8.2%; Average loss: 3.2398  
Iteration: 331; Percent complete: 8.3%; Average loss: 3.6096  
Iteration: 332; Percent complete: 8.3%; Average loss: 3.4760  
Iteration: 333; Percent complete: 8.3%; Average loss: 3.6286  
Iteration: 334; Percent complete: 8.3%; Average loss: 3.2780  
Iteration: 335; Percent complete: 8.4%; Average loss: 3.4557  
Iteration: 336; Percent complete: 8.4%; Average loss: 3.8156  
Iteration: 337; Percent complete: 8.4%; Average loss: 3.3854  
Iteration: 338; Percent complete: 8.5%; Average loss: 3.3968  
Iteration: 339; Percent complete: 8.5%; Average loss: 3.5192  
Iteration: 340; Percent complete: 8.5%; Average loss: 3.4060  
Iteration: 341; Percent complete: 8.5%; Average loss: 3.4365  
Iteration: 342; Percent complete: 8.6%; Average loss: 3.4825  
Iteration: 343; Percent complete: 8.6%; Average loss: 3.2551  
Iteration: 344; Percent complete: 8.6%; Average loss: 3.4908  
Iteration: 345; Percent complete: 8.6%; Average loss: 3.5262  
Iteration: 346; Percent complete: 8.6%; Average loss: 3.4969  
Iteration: 347; Percent complete: 8.7%; Average loss: 3.2613  
Iteration: 348; Percent complete: 8.7%; Average loss: 3.7611  
Iteration: 349; Percent complete: 8.7%; Average loss: 3.5606  
Iteration: 350; Percent complete: 8.8%; Average loss: 3.6035  
Iteration: 351; Percent complete: 8.8%; Average loss: 3.3168  
Iteration: 352; Percent complete: 8.8%; Average loss: 3.3052  
Iteration: 353; Percent complete: 8.8%; Average loss: 3.2369  
Iteration: 354; Percent complete: 8.8%; Average loss: 3.3430  
Iteration: 355; Percent complete: 8.9%; Average loss: 3.0547  
Iteration: 356; Percent complete: 8.9%; Average loss: 3.8492  
Iteration: 357; Percent complete: 8.9%; Average loss: 3.2019  
Iteration: 358; Percent complete: 8.9%; Average loss: 3.1529  
Iteration: 359; Percent complete: 9.0%; Average loss: 3.6958  
Iteration: 360; Percent complete: 9.0%; Average loss: 3.1659  
Iteration: 361; Percent complete: 9.0%; Average loss: 3.5014  
Iteration: 362; Percent complete: 9.0%; Average loss: 3.6141  
Iteration: 363; Percent complete: 9.1%; Average loss: 3.2756  
Iteration: 364; Percent complete: 9.1%; Average loss: 3.5878  
Iteration: 365; Percent complete: 9.1%; Average loss: 3.0120  
Iteration: 366; Percent complete: 9.2%; Average loss: 3.5206  
Iteration: 367; Percent complete: 9.2%; Average loss: 3.1991

Iteration: 368; Percent complete: 9.2%; Average loss: 3.6200  
Iteration: 369; Percent complete: 9.2%; Average loss: 3.3013  
Iteration: 370; Percent complete: 9.2%; Average loss: 3.1954  
Iteration: 371; Percent complete: 9.3%; Average loss: 3.3990  
Iteration: 372; Percent complete: 9.3%; Average loss: 2.9260  
Iteration: 373; Percent complete: 9.3%; Average loss: 3.1934  
Iteration: 374; Percent complete: 9.3%; Average loss: 3.2503  
Iteration: 375; Percent complete: 9.4%; Average loss: 3.4887  
Iteration: 376; Percent complete: 9.4%; Average loss: 3.4512  
Iteration: 377; Percent complete: 9.4%; Average loss: 3.2890  
Iteration: 378; Percent complete: 9.4%; Average loss: 3.5678  
Iteration: 379; Percent complete: 9.5%; Average loss: 3.4672  
Iteration: 380; Percent complete: 9.5%; Average loss: 3.4179  
Iteration: 381; Percent complete: 9.5%; Average loss: 3.2112  
Iteration: 382; Percent complete: 9.6%; Average loss: 3.3418  
Iteration: 383; Percent complete: 9.6%; Average loss: 3.2311  
Iteration: 384; Percent complete: 9.6%; Average loss: 3.4326  
Iteration: 385; Percent complete: 9.6%; Average loss: 3.1310  
Iteration: 386; Percent complete: 9.7%; Average loss: 3.3816  
Iteration: 387; Percent complete: 9.7%; Average loss: 3.5522  
Iteration: 388; Percent complete: 9.7%; Average loss: 3.5654  
Iteration: 389; Percent complete: 9.7%; Average loss: 3.0216  
Iteration: 390; Percent complete: 9.8%; Average loss: 3.3837  
Iteration: 391; Percent complete: 9.8%; Average loss: 3.7431  
Iteration: 392; Percent complete: 9.8%; Average loss: 3.3609  
Iteration: 393; Percent complete: 9.8%; Average loss: 2.9862  
Iteration: 394; Percent complete: 9.8%; Average loss: 3.3644  
Iteration: 395; Percent complete: 9.9%; Average loss: 3.1665  
Iteration: 396; Percent complete: 9.9%; Average loss: 3.6746  
Iteration: 397; Percent complete: 9.9%; Average loss: 3.2426  
Iteration: 398; Percent complete: 10.0%; Average loss: 3.4093  
Iteration: 399; Percent complete: 10.0%; Average loss: 3.2333  
Iteration: 400; Percent complete: 10.0%; Average loss: 3.4945  
Iteration: 401; Percent complete: 10.0%; Average loss: 3.4532  
Iteration: 402; Percent complete: 10.1%; Average loss: 3.6020  
Iteration: 403; Percent complete: 10.1%; Average loss: 3.5855  
Iteration: 404; Percent complete: 10.1%; Average loss: 3.5229  
Iteration: 405; Percent complete: 10.1%; Average loss: 3.7128  
Iteration: 406; Percent complete: 10.2%; Average loss: 3.7922  
Iteration: 407; Percent complete: 10.2%; Average loss: 3.5197  
Iteration: 408; Percent complete: 10.2%; Average loss: 3.1777  
Iteration: 409; Percent complete: 10.2%; Average loss: 3.4848  
Iteration: 410; Percent complete: 10.2%; Average loss: 3.0110  
Iteration: 411; Percent complete: 10.3%; Average loss: 3.4125  
Iteration: 412; Percent complete: 10.3%; Average loss: 3.5437  
Iteration: 413; Percent complete: 10.3%; Average loss: 3.5344  
Iteration: 414; Percent complete: 10.3%; Average loss: 3.2044  
Iteration: 415; Percent complete: 10.4%; Average loss: 3.0751  
Iteration: 416; Percent complete: 10.4%; Average loss: 3.4748  
Iteration: 417; Percent complete: 10.4%; Average loss: 3.6547  
Iteration: 418; Percent complete: 10.4%; Average loss: 3.3375  
Iteration: 419; Percent complete: 10.5%; Average loss: 3.2978  
Iteration: 420; Percent complete: 10.5%; Average loss: 3.2632  
Iteration: 421; Percent complete: 10.5%; Average loss: 3.3862  
Iteration: 422; Percent complete: 10.5%; Average loss: 3.0815  
Iteration: 423; Percent complete: 10.6%; Average loss: 3.2233  
Iteration: 424; Percent complete: 10.6%; Average loss: 3.5766  
Iteration: 425; Percent complete: 10.6%; Average loss: 3.3679  
Iteration: 426; Percent complete: 10.7%; Average loss: 3.1863  
Iteration: 427; Percent complete: 10.7%; Average loss: 3.3938  
Iteration: 428; Percent complete: 10.7%; Average loss: 3.1427  
Iteration: 429; Percent complete: 10.7%; Average loss: 3.3505  
Iteration: 430; Percent complete: 10.8%; Average loss: 2.9960  
Iteration: 431; Percent complete: 10.8%; Average loss: 3.3079  
Iteration: 432; Percent complete: 10.8%; Average loss: 3.4719  
Iteration: 433; Percent complete: 10.8%; Average loss: 3.3112  
Iteration: 434; Percent complete: 10.8%; Average loss: 3.4012  
Iteration: 435; Percent complete: 10.9%; Average loss: 3.5749  
Iteration: 436; Percent complete: 10.9%; Average loss: 3.4082  
Iteration: 437; Percent complete: 10.9%; Average loss: 2.8280  
Iteration: 438; Percent complete: 10.9%; Average loss: 3.6090  
Iteration: 439; Percent complete: 11.0%; Average loss: 3.3453  
Iteration: 440; Percent complete: 11.0%; Average loss: 3.4136  
Iteration: 441; Percent complete: 11.0%; Average loss: 3.5896  
Iteration: 442; Percent complete: 11.1%; Average loss: 3.5423  
Iteration: 443; Percent complete: 11.1%; Average loss: 3.2337  
Iteration: 444; Percent complete: 11.1%; Average loss: 3.1995  
Iteration: 445; Percent complete: 11.1%; Average loss: 3.3876  
Iteration: 446; Percent complete: 11.2%; Average loss: 3.4504  
Iteration: 447; Percent complete: 11.2%; Average loss: 3.2079  
Iteration: 448; Percent complete: 11.2%; Average loss: 3.2370  
Iteration: 449; Percent complete: 11.2%; Average loss: 3.2035  
Iteration: 450; Percent complete: 11.2%; Average loss: 3.0428  
Iteration: 451; Percent complete: 11.3%; Average loss: 3.4447  
Iteration: 452; Percent complete: 11.3%; Average loss: 3.7236  
Iteration: 453; Percent complete: 11.3%; Average loss: 3.4929  
Iteration: 454; Percent complete: 11.3%; Average loss: 3.5592  
Iteration: 455; Percent complete: 11.4%; Average loss: 3.0602  
Iteration: 456; Percent complete: 11.4%; Average loss: 3.6574  
Iteration: 457; Percent complete: 11.4%; Average loss: 3.4649  
Iteration: 458; Percent complete: 11.5%; Average loss: 3.2774

|            |      |         |           |        |         |       |       |
|------------|------|---------|-----------|--------|---------|-------|-------|
| Iteration: | 459; | Percent | complete: | 11.5%; | Average | loss: | 3.450 |
| Iteration: | 460; | Percent | complete: | 11.5%; | Average | loss: | 3.409 |
| Iteration: | 461; | Percent | complete: | 11.5%; | Average | loss: | 3.400 |
| Iteration: | 462; | Percent | complete: | 11.6%; | Average | loss: | 3.387 |
| Iteration: | 463; | Percent | complete: | 11.6%; | Average | loss: | 3.500 |
| Iteration: | 464; | Percent | complete: | 11.6%; | Average | loss: | 3.261 |
| Iteration: | 465; | Percent | complete: | 11.6%; | Average | loss: | 3.057 |
| Iteration: | 466; | Percent | complete: | 11.7%; | Average | loss: | 3.178 |
| Iteration: | 467; | Percent | complete: | 11.7%; | Average | loss: | 3.625 |
| Iteration: | 468; | Percent | complete: | 11.7%; | Average | loss: | 3.590 |
| Iteration: | 469; | Percent | complete: | 11.7%; | Average | loss: | 3.379 |
| Iteration: | 470; | Percent | complete: | 11.8%; | Average | loss: | 3.202 |
| Iteration: | 471; | Percent | complete: | 11.8%; | Average | loss: | 3.354 |
| Iteration: | 472; | Percent | complete: | 11.8%; | Average | loss: | 3.278 |
| Iteration: | 473; | Percent | complete: | 11.8%; | Average | loss: | 3.189 |
| Iteration: | 474; | Percent | complete: | 11.8%; | Average | loss: | 3.270 |
| Iteration: | 475; | Percent | complete: | 11.9%; | Average | loss: | 3.216 |
| Iteration: | 476; | Percent | complete: | 11.9%; | Average | loss: | 3.280 |
| Iteration: | 477; | Percent | complete: | 11.9%; | Average | loss: | 3.376 |
| Iteration: | 478; | Percent | complete: | 11.9%; | Average | loss: | 3.518 |
| Iteration: | 479; | Percent | complete: | 12.0%; | Average | loss: | 3.476 |
| Iteration: | 480; | Percent | complete: | 12.0%; | Average | loss: | 3.234 |
| Iteration: | 481; | Percent | complete: | 12.0%; | Average | loss: | 3.366 |
| Iteration: | 482; | Percent | complete: | 12.0%; | Average | loss: | 3.173 |
| Iteration: | 483; | Percent | complete: | 12.1%; | Average | loss: | 3.251 |
| Iteration: | 484; | Percent | complete: | 12.1%; | Average | loss: | 3.433 |
| Iteration: | 485; | Percent | complete: | 12.1%; | Average | loss: | 3.216 |
| Iteration: | 486; | Percent | complete: | 12.2%; | Average | loss: | 3.424 |
| Iteration: | 487; | Percent | complete: | 12.2%; | Average | loss: | 3.328 |
| Iteration: | 488; | Percent | complete: | 12.2%; | Average | loss: | 3.260 |
| Iteration: | 489; | Percent | complete: | 12.2%; | Average | loss: | 3.334 |
| Iteration: | 490; | Percent | complete: | 12.2%; | Average | loss: | 3.738 |
| Iteration: | 491; | Percent | complete: | 12.3%; | Average | loss: | 3.411 |
| Iteration: | 492; | Percent | complete: | 12.3%; | Average | loss: | 3.341 |
| Iteration: | 493; | Percent | complete: | 12.3%; | Average | loss: | 3.208 |
| Iteration: | 494; | Percent | complete: | 12.3%; | Average | loss: | 3.446 |
| Iteration: | 495; | Percent | complete: | 12.4%; | Average | loss: | 3.252 |
| Iteration: | 496; | Percent | complete: | 12.4%; | Average | loss: | 3.617 |
| Iteration: | 497; | Percent | complete: | 12.4%; | Average | loss: | 3.392 |
| Iteration: | 498; | Percent | complete: | 12.4%; | Average | loss: | 3.119 |
| Iteration: | 499; | Percent | complete: | 12.5%; | Average | loss: | 3.209 |
| Iteration: | 500; | Percent | complete: | 12.5%; | Average | loss: | 3.287 |
| Iteration: | 501; | Percent | complete: | 12.5%; | Average | loss: | 3.526 |
| Iteration: | 502; | Percent | complete: | 12.6%; | Average | loss: | 3.237 |
| Iteration: | 503; | Percent | complete: | 12.6%; | Average | loss: | 3.365 |
| Iteration: | 504; | Percent | complete: | 12.6%; | Average | loss: | 3.411 |
| Iteration: | 505; | Percent | complete: | 12.6%; | Average | loss: | 3.168 |
| Iteration: | 506; | Percent | complete: | 12.7%; | Average | loss: | 3.480 |
| Iteration: | 507; | Percent | complete: | 12.7%; | Average | loss: | 3.059 |
| Iteration: | 508; | Percent | complete: | 12.7%; | Average | loss: | 2.951 |
| Iteration: | 509; | Percent | complete: | 12.7%; | Average | loss: | 3.639 |
| Iteration: | 510; | Percent | complete: | 12.8%; | Average | loss: | 3.423 |
| Iteration: | 511; | Percent | complete: | 12.8%; | Average | loss: | 3.492 |
| Iteration: | 512; | Percent | complete: | 12.8%; | Average | loss: | 3.659 |
| Iteration: | 513; | Percent | complete: | 12.8%; | Average | loss: | 3.387 |
| Iteration: | 514; | Percent | complete: | 12.8%; | Average | loss: | 3.253 |
| Iteration: | 515; | Percent | complete: | 12.9%; | Average | loss: | 3.211 |
| Iteration: | 516; | Percent | complete: | 12.9%; | Average | loss: | 3.416 |
| Iteration: | 517; | Percent | complete: | 12.9%; | Average | loss: | 3.302 |
| Iteration: | 518; | Percent | complete: | 13.0%; | Average | loss: | 3.031 |
| Iteration: | 519; | Percent | complete: | 13.0%; | Average | loss: | 3.334 |
| Iteration: | 520; | Percent | complete: | 13.0%; | Average | loss: | 3.264 |
| Iteration: | 521; | Percent | complete: | 13.0%; | Average | loss: | 3.174 |
| Iteration: | 522; | Percent | complete: | 13.1%; | Average | loss: | 3.232 |
| Iteration: | 523; | Percent | complete: | 13.1%; | Average | loss: | 3.270 |
| Iteration: | 524; | Percent | complete: | 13.1%; | Average | loss: | 3.415 |
|            |      |         |           |        |         |       |       |



Iteration: 550; Percent complete: 13.8%; Average loss: 3.6233  
Iteration: 551; Percent complete: 13.8%; Average loss: 3.6573  
Iteration: 552; Percent complete: 13.8%; Average loss: 3.2500  
Iteration: 553; Percent complete: 13.8%; Average loss: 3.4728  
Iteration: 554; Percent complete: 13.9%; Average loss: 3.5529  
Iteration: 555; Percent complete: 13.9%; Average loss: 3.1466  
Iteration: 556; Percent complete: 13.9%; Average loss: 2.8649  
Iteration: 557; Percent complete: 13.9%; Average loss: 3.3381  
Iteration: 558; Percent complete: 14.0%; Average loss: 3.4982  
Iteration: 559; Percent complete: 14.0%; Average loss: 3.0733  
Iteration: 560; Percent complete: 14.0%; Average loss: 2.9655  
Iteration: 561; Percent complete: 14.0%; Average loss: 3.4549  
Iteration: 562; Percent complete: 14.1%; Average loss: 3.3243  
Iteration: 563; Percent complete: 14.1%; Average loss: 3.6004  
Iteration: 564; Percent complete: 14.1%; Average loss: 3.4343  
Iteration: 565; Percent complete: 14.1%; Average loss: 3.4756  
Iteration: 566; Percent complete: 14.1%; Average loss: 3.5252  
Iteration: 567; Percent complete: 14.2%; Average loss: 3.5260  
Iteration: 568; Percent complete: 14.2%; Average loss: 3.3223  
Iteration: 569; Percent complete: 14.2%; Average loss: 3.3404  
Iteration: 570; Percent complete: 14.2%; Average loss: 3.4798  
Iteration: 571; Percent complete: 14.3%; Average loss: 3.6608  
Iteration: 572; Percent complete: 14.3%; Average loss: 3.3462  
Iteration: 573; Percent complete: 14.3%; Average loss: 3.1733  
Iteration: 574; Percent complete: 14.3%; Average loss: 3.5109  
Iteration: 575; Percent complete: 14.4%; Average loss: 3.1090  
Iteration: 576; Percent complete: 14.4%; Average loss: 3.2934  
Iteration: 577; Percent complete: 14.4%; Average loss: 3.1376  
Iteration: 578; Percent complete: 14.4%; Average loss: 3.2555  
Iteration: 579; Percent complete: 14.5%; Average loss: 3.1822  
Iteration: 580; Percent complete: 14.5%; Average loss: 3.5014  
Iteration: 581; Percent complete: 14.5%; Average loss: 3.5039  
Iteration: 582; Percent complete: 14.5%; Average loss: 3.4302  
Iteration: 583; Percent complete: 14.6%; Average loss: 3.1409  
Iteration: 584; Percent complete: 14.6%; Average loss: 3.3190  
Iteration: 585; Percent complete: 14.6%; Average loss: 3.1513  
Iteration: 586; Percent complete: 14.6%; Average loss: 2.9946  
Iteration: 587; Percent complete: 14.7%; Average loss: 3.2953  
Iteration: 588; Percent complete: 14.7%; Average loss: 3.4388  
Iteration: 589; Percent complete: 14.7%; Average loss: 3.3884  
Iteration: 590; Percent complete: 14.8%; Average loss: 3.3927  
Iteration: 591; Percent complete: 14.8%; Average loss: 3.1455  
Iteration: 592; Percent complete: 14.8%; Average loss: 3.4379  
Iteration: 593; Percent complete: 14.8%; Average loss: 3.1932  
Iteration: 594; Percent complete: 14.8%; Average loss: 3.1802  
Iteration: 595; Percent complete: 14.9%; Average loss: 3.1589  
Iteration: 596; Percent complete: 14.9%; Average loss: 3.3460  
Iteration: 597; Percent complete: 14.9%; Average loss: 3.2750  
Iteration: 598; Percent complete: 14.9%; Average loss: 3.6739  
Iteration: 599; Percent complete: 15.0%; Average loss: 3.6516  
Iteration: 600; Percent complete: 15.0%; Average loss: 3.1999  
Iteration: 601; Percent complete: 15.0%; Average loss: 3.0531  
Iteration: 602; Percent complete: 15.0%; Average loss: 3.5758  
Iteration: 603; Percent complete: 15.1%; Average loss: 3.1728  
Iteration: 604; Percent complete: 15.1%; Average loss: 3.1073  
Iteration: 605; Percent complete: 15.1%; Average loss: 3.3574  
Iteration: 606; Percent complete: 15.2%; Average loss: 3.2433  
Iteration: 607; Percent complete: 15.2%; Average loss: 3.0579  
Iteration: 608; Percent complete: 15.2%; Average loss: 3.0624  
Iteration: 609; Percent complete: 15.2%; Average loss: 2.9497  
Iteration: 610; Percent complete: 15.2%; Average loss: 3.2287  
Iteration: 611; Percent complete: 15.3%; Average loss: 3.0831  
Iteration: 612; Percent complete: 15.3%; Average loss: 3.3725  
Iteration: 613; Percent complete: 15.3%; Average loss: 3.2424  
Iteration: 614; Percent complete: 15.3%; Average loss: 3.2644  
Iteration: 615; Percent complete: 15.4%; Average loss: 3.1701  
Iteration: 616; Percent complete: 15.4%; Average loss: 3.0937  
Iteration: 617; Percent complete: 15.4%; Average loss: 3.3717  
Iteration: 618; Percent complete: 15.4%; Average loss: 3.1077  
Iteration: 619; Percent complete: 15.5%; Average loss: 3.3580  
Iteration: 620; Percent complete: 15.5%; Average loss: 3.3882  
Iteration: 621; Percent complete: 15.5%; Average loss: 3.3643  
Iteration: 622; Percent complete: 15.6%; Average loss: 3.3445  
Iteration: 623; Percent complete: 15.6%; Average loss: 3.0666  
Iteration: 624; Percent complete: 15.6%; Average loss: 3.3583  
Iteration: 625; Percent complete: 15.6%; Average loss: 3.1779  
Iteration: 626; Percent complete: 15.7%; Average loss: 3.3584  
Iteration: 627; Percent complete: 15.7%; Average loss: 3.4653  
Iteration: 628; Percent complete: 15.7%; Average loss: 3.6109  
Iteration: 629; Percent complete: 15.7%; Average loss: 3.0880  
Iteration: 630; Percent complete: 15.8%; Average loss: 3.2355  
Iteration: 631; Percent complete: 15.8%; Average loss: 3.3945  
Iteration: 632; Percent complete: 15.8%; Average loss: 3.6175  
Iteration: 633; Percent complete: 15.8%; Average loss: 3.6697  
Iteration: 634; Percent complete: 15.8%; Average loss: 3.4664  
Iteration: 635; Percent complete: 15.9%; Average loss: 3.2035  
Iteration: 636; Percent complete: 15.9%; Average loss: 3.5840  
Iteration: 637; Percent complete: 15.9%; Average loss: 3.1388  
Iteration: 638; Percent complete: 16.0%; Average loss: 3.4789  
Iteration: 639; Percent complete: 16.0%; Average loss: 3.5637  
Iteration: 640; Percent complete: 16.0%; Average loss: 3.0620  
Iteration: 641; Percent complete: 16.0%; Average loss: 3.4515

|                                                               |                                                               |
|---------------------------------------------------------------|---------------------------------------------------------------|
| Iteration: 642; Percent complete: 16.1%; Average loss: 3.3463 | Iteration: 643; Percent complete: 16.1%; Average loss: 3.4856 |
| Iteration: 644; Percent complete: 16.1%; Average loss: 3.1456 | Iteration: 645; Percent complete: 16.1%; Average loss: 2.7064 |
| Iteration: 646; Percent complete: 16.2%; Average loss: 3.5241 | Iteration: 647; Percent complete: 16.2%; Average loss: 3.4953 |
| Iteration: 648; Percent complete: 16.2%; Average loss: 3.6071 | Iteration: 649; Percent complete: 16.2%; Average loss: 3.2535 |
| Iteration: 650; Percent complete: 16.2%; Average loss: 3.1299 | Iteration: 651; Percent complete: 16.3%; Average loss: 3.2672 |
| Iteration: 652; Percent complete: 16.3%; Average loss: 3.3492 | Iteration: 653; Percent complete: 16.3%; Average loss: 3.2545 |
| Iteration: 654; Percent complete: 16.4%; Average loss: 3.3018 | Iteration: 655; Percent complete: 16.4%; Average loss: 3.4114 |
| Iteration: 656; Percent complete: 16.4%; Average loss: 3.4068 | Iteration: 657; Percent complete: 16.4%; Average loss: 3.334  |
| Iteration: 658; Percent complete: 16.4%; Average loss: 3.4960 | Iteration: 659; Percent complete: 16.5%; Average loss: 3.3767 |
| Iteration: 660; Percent complete: 16.5%; Average loss: 3.3603 | Iteration: 661; Percent complete: 16.5%; Average loss: 3.3047 |
| Iteration: 662; Percent complete: 16.6%; Average loss: 3.6058 | Iteration: 663; Percent complete: 16.6%; Average loss: 3.2608 |
| Iteration: 664; Percent complete: 16.6%; Average loss: 3.6185 | Iteration: 665; Percent complete: 16.6%; Average loss: 3.1715 |
| Iteration: 666; Percent complete: 16.7%; Average loss: 3.1172 | Iteration: 667; Percent complete: 16.7%; Average loss: 3.2764 |
| Iteration: 668; Percent complete: 16.7%; Average loss: 3.3021 | Iteration: 669; Percent complete: 16.7%; Average loss: 3.3840 |
| Iteration: 670; Percent complete: 16.8%; Average loss: 3.2963 | Iteration: 671; Percent complete: 16.8%; Average loss: 3.3618 |
| Iteration: 672; Percent complete: 16.8%; Average loss: 3.3112 | Iteration: 673; Percent complete: 16.8%; Average loss: 3.1319 |
| Iteration: 674; Percent complete: 16.9%; Average loss: 3.4009 | Iteration: 675; Percent complete: 16.9%; Average loss: 2.8068 |
| Iteration: 676; Percent complete: 16.9%; Average loss: 2.9995 | Iteration: 677; Percent complete: 16.9%; Average loss: 3.1798 |
| Iteration: 678; Percent complete: 17.0%; Average loss: 3.2031 | Iteration: 679; Percent complete: 17.0%; Average loss: 3.3991 |
| Iteration: 680; Percent complete: 17.0%; Average loss: 3.2669 | Iteration: 681; Percent complete: 17.0%; Average loss: 2.9204 |
| Iteration: 682; Percent complete: 17.1%; Average loss: 3.3306 | Iteration: 683; Percent complete: 17.1%; Average loss: 3.3304 |
| Iteration: 684; Percent complete: 17.1%; Average loss: 3.2090 | Iteration: 685; Percent complete: 17.1%; Average loss: 3.4779 |
| Iteration: 686; Percent complete: 17.2%; Average loss: 3.3635 | Iteration: 687; Percent complete: 17.2%; Average loss: 3.2017 |
| Iteration: 688; Percent complete: 17.2%; Average loss: 3.4558 | Iteration: 689; Percent complete: 17.2%; Average loss: 3.2864 |
| Iteration: 690; Percent complete: 17.2%; Average loss: 3.1376 | Iteration: 691; Percent complete: 17.3%; Average loss: 3.1137 |
| Iteration: 692; Percent complete: 17.3%; Average loss: 3.5124 | Iteration: 693; Percent complete: 17.3%; Average loss: 3.4178 |
| Iteration: 694; Percent complete: 17.3%; Average loss: 3.4925 | Iteration: 695; Percent complete: 17.4%; Average loss: 3.2706 |
| Iteration: 696; Percent complete: 17.4%; Average loss: 3.2048 | Iteration: 697; Percent complete: 17.4%; Average loss: 3.4922 |
| Iteration: 698; Percent complete: 17.4%; Average loss: 2.8850 | Iteration: 699; Percent complete: 17.5%; Average loss: 3.3187 |
| Iteration: 700; Percent complete: 17.5%; Average loss: 3.3693 | Iteration: 701; Percent complete: 17.5%; Average loss: 3.3739 |
| Iteration: 702; Percent complete: 17.5%; Average loss: 3.0157 | Iteration: 703; Percent complete: 17.6%; Average loss: 3.6346 |
| Iteration: 704; Percent complete: 17.6%; Average loss: 3.4532 | Iteration: 705; Percent complete: 17.6%; Average loss: 3.6316 |
| Iteration: 706; Percent complete: 17.6%; Average loss: 3.2130 | Iteration: 707; Percent complete: 17.7%; Average loss: 3.1678 |
| Iteration: 708; Percent complete: 17.7%; Average loss: 3.3569 | Iteration: 709; Percent complete: 17.7%; Average loss: 3.2015 |
| Iteration: 710; Percent complete: 17.8%; Average loss: 3.0438 | Iteration: 711; Percent complete: 17.8%; Average loss: 3.1265 |
| Iteration: 712; Percent complete: 17.8%; Average loss: 3.2006 | Iteration: 713; Percent complete: 17.8%; Average loss: 3.2986 |
| Iteration: 714; Percent complete: 17.8%; Average loss: 3.6228 | Iteration: 715; Percent complete: 17.9%; Average loss: 3.1821 |
| Iteration: 716; Percent complete: 17.9%; Average loss: 2.9882 | Iteration: 717; Percent complete: 17.9%; Average loss: 3.5791 |
| Iteration: 718; Percent complete: 17.9%; Average loss: 2.9959 | Iteration: 719; Percent complete: 18.0%; Average loss: 3.5785 |
| Iteration: 720; Percent complete: 18.0%; Average loss: 3.2071 | Iteration: 721; Percent complete: 18.0%; Average loss: 3.1383 |
| Iteration: 722; Percent complete: 18.1%; Average loss: 3.2858 | Iteration: 723; Percent complete: 18.1%; Average loss: 3.2592 |
| Iteration: 724; Percent complete: 18.1%; Average loss: 3.0462 | Iteration: 725; Percent complete: 18.1%; Average loss: 3.4515 |
| Iteration: 726; Percent complete: 18.1%; Average loss: 3.0517 | Iteration: 727; Percent complete: 18.2%; Average loss: 3.1194 |
| Iteration: 728; Percent complete: 18.2%; Average loss: 3.1311 | Iteration: 729; Percent complete: 18.2%; Average loss: 3.2382 |
| Iteration: 730; Percent complete: 18.2%; Average loss: 3.2870 | Iteration: 731; Percent complete: 18.3%; Average loss: 3.4728 |
| Iteration: 732; Percent complete: 18.3%; Average loss: 2.8755 |                                                               |

Iteration: 733; Percent complete: 18.3%; Average loss: 3.1589  
Iteration: 734; Percent complete: 18.4%; Average loss: 3.1677  
Iteration: 735; Percent complete: 18.4%; Average loss: 3.3591  
Iteration: 736; Percent complete: 18.4%; Average loss: 3.1608  
Iteration: 737; Percent complete: 18.4%; Average loss: 3.0081  
Iteration: 738; Percent complete: 18.4%; Average loss: 3.1806  
Iteration: 739; Percent complete: 18.5%; Average loss: 3.4061  
Iteration: 740; Percent complete: 18.5%; Average loss: 3.0264  
Iteration: 741; Percent complete: 18.5%; Average loss: 3.4485  
Iteration: 742; Percent complete: 18.6%; Average loss: 2.9369  
Iteration: 743; Percent complete: 18.6%; Average loss: 3.1398  
Iteration: 744; Percent complete: 18.6%; Average loss: 2.9519  
Iteration: 745; Percent complete: 18.6%; Average loss: 3.1602  
Iteration: 746; Percent complete: 18.6%; Average loss: 3.7620  
Iteration: 747; Percent complete: 18.7%; Average loss: 3.0270  
Iteration: 748; Percent complete: 18.7%; Average loss: 3.2499  
Iteration: 749; Percent complete: 18.7%; Average loss: 3.6043  
Iteration: 750; Percent complete: 18.8%; Average loss: 3.1737  
Iteration: 751; Percent complete: 18.8%; Average loss: 3.1965  
Iteration: 752; Percent complete: 18.8%; Average loss: 3.1593  
Iteration: 753; Percent complete: 18.8%; Average loss: 3.0404  
Iteration: 754; Percent complete: 18.9%; Average loss: 3.2313  
Iteration: 755; Percent complete: 18.9%; Average loss: 3.0838  
Iteration: 756; Percent complete: 18.9%; Average loss: 3.0856  
Iteration: 757; Percent complete: 18.9%; Average loss: 3.3191  
Iteration: 758; Percent complete: 18.9%; Average loss: 3.1587  
Iteration: 759; Percent complete: 19.0%; Average loss: 3.4916  
Iteration: 760; Percent complete: 19.0%; Average loss: 3.3923  
Iteration: 761; Percent complete: 19.0%; Average loss: 2.8789  
Iteration: 762; Percent complete: 19.1%; Average loss: 3.7067  
Iteration: 763; Percent complete: 19.1%; Average loss: 3.3441  
Iteration: 764; Percent complete: 19.1%; Average loss: 2.9833  
Iteration: 765; Percent complete: 19.1%; Average loss: 2.9900  
Iteration: 766; Percent complete: 19.1%; Average loss: 2.9727  
Iteration: 767; Percent complete: 19.2%; Average loss: 3.1916  
Iteration: 768; Percent complete: 19.2%; Average loss: 3.1377  
Iteration: 769; Percent complete: 19.2%; Average loss: 3.2845  
Iteration: 770; Percent complete: 19.2%; Average loss: 3.3082  
Iteration: 771; Percent complete: 19.3%; Average loss: 3.2741  
Iteration: 772; Percent complete: 19.3%; Average loss: 3.1639  
Iteration: 773; Percent complete: 19.3%; Average loss: 3.2490  
Iteration: 774; Percent complete: 19.4%; Average loss: 3.1123  
Iteration: 775; Percent complete: 19.4%; Average loss: 3.3188  
Iteration: 776; Percent complete: 19.4%; Average loss: 3.3838  
Iteration: 777; Percent complete: 19.4%; Average loss: 3.2543  
Iteration: 778; Percent complete: 19.4%; Average loss: 2.7347  
Iteration: 779; Percent complete: 19.5%; Average loss: 3.1480  
Iteration: 780; Percent complete: 19.5%; Average loss: 2.9696  
Iteration: 781; Percent complete: 19.5%; Average loss: 3.4008  
Iteration: 782; Percent complete: 19.6%; Average loss: 3.1993  
Iteration: 783; Percent complete: 19.6%; Average loss: 3.0252  
Iteration: 784; Percent complete: 19.6%; Average loss: 3.1013  
Iteration: 785; Percent complete: 19.6%; Average loss: 3.1434  
Iteration: 786; Percent complete: 19.7%; Average loss: 3.3131  
Iteration: 787; Percent complete: 19.7%; Average loss: 3.4836  
Iteration: 788; Percent complete: 19.7%; Average loss: 3.1733  
Iteration: 789; Percent complete: 19.7%; Average loss: 3.1846  
Iteration: 790; Percent complete: 19.8%; Average loss: 3.2856  
Iteration: 791; Percent complete: 19.8%; Average loss: 3.4988  
Iteration: 792; Percent complete: 19.8%; Average loss: 3.0021  
Iteration: 793; Percent complete: 19.8%; Average loss: 3.0517  
Iteration: 794; Percent complete: 19.9%; Average loss: 3.1508  
Iteration: 795; Percent complete: 19.9%; Average loss: 3.1586  
Iteration: 796; Percent complete: 19.9%; Average loss: 3.3615  
Iteration: 797; Percent complete: 19.9%; Average loss: 3.1911  
Iteration: 798; Percent complete: 20.0%; Average loss: 3.3735  
Iteration: 799; Percent complete: 20.0%; Average loss: 3.0223  
Iteration: 800; Percent complete: 20.0%; Average loss: 3.0460  
Iteration: 801; Percent complete: 20.0%; Average loss: 3.0838  
Iteration: 802; Percent complete: 20.1%; Average loss: 2.9373  
Iteration: 803; Percent complete: 20.1%; Average loss: 3.0249  
Iteration: 804; Percent complete: 20.1%; Average loss: 3.1855  
Iteration: 805; Percent complete: 20.1%; Average loss: 3.1791  
Iteration: 806; Percent complete: 20.2%; Average loss: 3.3517  
Iteration: 807; Percent complete: 20.2%; Average loss: 3.2159  
Iteration: 808; Percent complete: 20.2%; Average loss: 2.9645  
Iteration: 809; Percent complete: 20.2%; Average loss: 3.0991  
Iteration: 810; Percent complete: 20.2%; Average loss: 3.0710  
Iteration: 811; Percent complete: 20.3%; Average loss: 3.0786  
Iteration: 812; Percent complete: 20.3%; Average loss: 2.8987  
Iteration: 813; Percent complete: 20.3%; Average loss: 3.1429  
Iteration: 814; Percent complete: 20.3%; Average loss: 2.8631  
Iteration: 815; Percent complete: 20.4%; Average loss: 3.0450  
Iteration: 816; Percent complete: 20.4%; Average loss: 3.4805  
Iteration: 817; Percent complete: 20.4%; Average loss: 3.1624  
Iteration: 818; Percent complete: 20.4%; Average loss: 3.1042  
Iteration: 819; Percent complete: 20.5%; Average loss: 2.9294  
Iteration: 820; Percent complete: 20.5%; Average loss: 3.1347  
Iteration: 821; Percent complete: 20.5%; Average loss: 3.1705  
Iteration: 822; Percent complete: 20.5%; Average loss: 3.3803  
Iteration: 823; Percent complete: 20.6%; Average loss: 3.4183

Iteration: 824; Percent complete: 20.6%; Average loss: 3.3229  
Iteration: 825; Percent complete: 20.6%; Average loss: 3.0858  
Iteration: 826; Percent complete: 20.6%; Average loss: 3.4199  
Iteration: 827; Percent complete: 20.7%; Average loss: 3.0414  
Iteration: 828; Percent complete: 20.7%; Average loss: 3.1432  
Iteration: 829; Percent complete: 20.7%; Average loss: 3.1707  
Iteration: 830; Percent complete: 20.8%; Average loss: 3.0542  
Iteration: 831; Percent complete: 20.8%; Average loss: 2.9008  
Iteration: 832; Percent complete: 20.8%; Average loss: 3.4522  
Iteration: 833; Percent complete: 20.8%; Average loss: 3.0236  
Iteration: 834; Percent complete: 20.8%; Average loss: 3.0281  
Iteration: 835; Percent complete: 20.9%; Average loss: 3.2269  
Iteration: 836; Percent complete: 20.9%; Average loss: 3.0356  
Iteration: 837; Percent complete: 20.9%; Average loss: 3.1059  
Iteration: 838; Percent complete: 20.9%; Average loss: 3.2081  
Iteration: 839; Percent complete: 21.0%; Average loss: 3.2082  
Iteration: 840; Percent complete: 21.0%; Average loss: 2.9564  
Iteration: 841; Percent complete: 21.0%; Average loss: 3.0860  
Iteration: 842; Percent complete: 21.1%; Average loss: 2.9680  
Iteration: 843; Percent complete: 21.1%; Average loss: 3.1979  
Iteration: 844; Percent complete: 21.1%; Average loss: 3.3515  
Iteration: 845; Percent complete: 21.1%; Average loss: 3.2927  
Iteration: 846; Percent complete: 21.1%; Average loss: 3.2834  
Iteration: 847; Percent complete: 21.2%; Average loss: 3.3165  
Iteration: 848; Percent complete: 21.2%; Average loss: 3.1868  
Iteration: 849; Percent complete: 21.2%; Average loss: 3.0301  
Iteration: 850; Percent complete: 21.2%; Average loss: 3.3374  
Iteration: 851; Percent complete: 21.3%; Average loss: 3.2085  
Iteration: 852; Percent complete: 21.3%; Average loss: 3.2143  
Iteration: 853; Percent complete: 21.3%; Average loss: 3.2587  
Iteration: 854; Percent complete: 21.3%; Average loss: 3.0837  
Iteration: 855; Percent complete: 21.4%; Average loss: 2.9323  
Iteration: 856; Percent complete: 21.4%; Average loss: 3.5540  
Iteration: 857; Percent complete: 21.4%; Average loss: 3.2293  
Iteration: 858; Percent complete: 21.4%; Average loss: 3.1904  
Iteration: 859; Percent complete: 21.5%; Average loss: 3.1817  
Iteration: 860; Percent complete: 21.5%; Average loss: 3.4442  
Iteration: 861; Percent complete: 21.5%; Average loss: 3.3121  
Iteration: 862; Percent complete: 21.6%; Average loss: 3.4145  
Iteration: 863; Percent complete: 21.6%; Average loss: 3.1625  
Iteration: 864; Percent complete: 21.6%; Average loss: 2.9328  
Iteration: 865; Percent complete: 21.6%; Average loss: 3.1194  
Iteration: 866; Percent complete: 21.6%; Average loss: 3.1445  
Iteration: 867; Percent complete: 21.7%; Average loss: 2.7005  
Iteration: 868; Percent complete: 21.7%; Average loss: 2.9745  
Iteration: 869; Percent complete: 21.7%; Average loss: 3.1203  
Iteration: 870; Percent complete: 21.8%; Average loss: 3.1195  
Iteration: 871; Percent complete: 21.8%; Average loss: 3.3297  
Iteration: 872; Percent complete: 21.8%; Average loss: 3.1919  
Iteration: 873; Percent complete: 21.8%; Average loss: 3.3134  
Iteration: 874; Percent complete: 21.9%; Average loss: 3.0792  
Iteration: 875; Percent complete: 21.9%; Average loss: 3.0286  
Iteration: 876; Percent complete: 21.9%; Average loss: 3.0475  
Iteration: 877; Percent complete: 21.9%; Average loss: 3.1213  
Iteration: 878; Percent complete: 21.9%; Average loss: 2.9263  
Iteration: 879; Percent complete: 22.0%; Average loss: 3.0724  
Iteration: 880; Percent complete: 22.0%; Average loss: 2.8387  
Iteration: 881; Percent complete: 22.0%; Average loss: 3.4149  
Iteration: 882; Percent complete: 22.1%; Average loss: 2.9321  
Iteration: 883; Percent complete: 22.1%; Average loss: 3.0976  
Iteration: 884; Percent complete: 22.1%; Average loss: 2.9252  
Iteration: 885; Percent complete: 22.1%; Average loss: 3.1358  
Iteration: 886; Percent complete: 22.1%; Average loss: 3.0728  
Iteration: 887; Percent complete: 22.2%; Average loss: 3.2566  
Iteration: 888; Percent complete: 22.2%; Average loss: 3.3186  
Iteration: 889; Percent complete: 22.2%; Average loss: 3.1596  
Iteration: 890; Percent complete: 22.2%; Average loss: 3.0783  
Iteration: 891; Percent complete: 22.3%; Average loss: 2.9135  
Iteration: 892; Percent complete: 22.3%; Average loss: 3.0088  
Iteration: 893; Percent complete: 22.3%; Average loss: 3.3439  
Iteration: 894; Percent complete: 22.4%; Average loss: 3.0341  
Iteration: 895; Percent complete: 22.4%; Average loss: 3.2596  
Iteration: 896; Percent complete: 22.4%; Average loss: 3.2613  
Iteration: 897; Percent complete: 22.4%; Average loss: 3.3189  
Iteration: 898; Percent complete: 22.4%; Average loss: 3.1364  
Iteration: 899; Percent complete: 22.5%; Average loss: 3.2285  
Iteration: 900; Percent complete: 22.5%; Average loss: 2.9563  
Iteration: 901; Percent complete: 22.5%; Average loss: 2.8503  
Iteration: 902; Percent complete: 22.6%; Average loss: 2.9829  
Iteration: 903; Percent complete: 22.6%; Average loss: 3.1526  
Iteration: 904; Percent complete: 22.6%; Average loss: 3.3463  
Iteration: 905; Percent complete: 22.6%; Average loss: 2.9755  
Iteration: 906; Percent complete: 22.7%; Average loss: 3.0124  
Iteration: 907; Percent complete: 22.7%; Average loss: 3.1722  
Iteration: 908; Percent complete: 22.7%; Average loss: 3.0398  
Iteration: 909; Percent complete: 22.7%; Average loss: 2.9447  
Iteration: 910; Percent complete: 22.8%; Average loss: 2.9327  
Iteration: 911; Percent complete: 22.8%; Average loss: 3.1278  
Iteration: 912; Percent complete: 22.8%; Average loss: 3.0988  
Iteration: 913; Percent complete: 22.8%; Average loss: 3.2001  
Iteration: 914; Percent complete: 22.9%; Average loss: 3.0705  
Iteration: 915; Percent complete: 22.9%; Average loss: 2.9106

Iteration: 915; Percent complete: 22.9%; Average loss: 3.2196  
Iteration: 916; Percent complete: 22.9%; Average loss: 3.0371  
Iteration: 917; Percent complete: 22.9%; Average loss: 3.0616  
Iteration: 918; Percent complete: 22.9%; Average loss: 2.9501  
Iteration: 919; Percent complete: 23.0%; Average loss: 3.3989  
Iteration: 920; Percent complete: 23.0%; Average loss: 2.8821  
Iteration: 921; Percent complete: 23.0%; Average loss: 3.0375  
Iteration: 922; Percent complete: 23.1%; Average loss: 3.4108  
Iteration: 923; Percent complete: 23.1%; Average loss: 2.9331  
Iteration: 924; Percent complete: 23.1%; Average loss: 3.0128  
Iteration: 925; Percent complete: 23.1%; Average loss: 3.1772  
Iteration: 926; Percent complete: 23.2%; Average loss: 3.2702  
Iteration: 927; Percent complete: 23.2%; Average loss: 3.0397  
Iteration: 928; Percent complete: 23.2%; Average loss: 3.0080  
Iteration: 929; Percent complete: 23.2%; Average loss: 3.1805  
Iteration: 930; Percent complete: 23.2%; Average loss: 3.1858  
Iteration: 931; Percent complete: 23.3%; Average loss: 3.0075  
Iteration: 932; Percent complete: 23.3%; Average loss: 3.1038  
Iteration: 933; Percent complete: 23.3%; Average loss: 2.9165  
Iteration: 934; Percent complete: 23.4%; Average loss: 2.8631  
Iteration: 935; Percent complete: 23.4%; Average loss: 2.9669  
Iteration: 936; Percent complete: 23.4%; Average loss: 3.1149  
Iteration: 937; Percent complete: 23.4%; Average loss: 3.1468  
Iteration: 938; Percent complete: 23.4%; Average loss: 3.0802  
Iteration: 939; Percent complete: 23.5%; Average loss: 3.5364  
Iteration: 940; Percent complete: 23.5%; Average loss: 3.3459  
Iteration: 941; Percent complete: 23.5%; Average loss: 2.9837  
Iteration: 942; Percent complete: 23.5%; Average loss: 3.2342  
Iteration: 943; Percent complete: 23.6%; Average loss: 3.3165  
Iteration: 944; Percent complete: 23.6%; Average loss: 3.0362  
Iteration: 945; Percent complete: 23.6%; Average loss: 3.6469  
Iteration: 946; Percent complete: 23.6%; Average loss: 3.4400  
Iteration: 947; Percent complete: 23.7%; Average loss: 2.9799  
Iteration: 948; Percent complete: 23.7%; Average loss: 3.2531  
Iteration: 949; Percent complete: 23.7%; Average loss: 3.5202  
Iteration: 950; Percent complete: 23.8%; Average loss: 2.9388  
Iteration: 951; Percent complete: 23.8%; Average loss: 3.4289  
Iteration: 952; Percent complete: 23.8%; Average loss: 3.0035  
Iteration: 953; Percent complete: 23.8%; Average loss: 3.5196  
Iteration: 954; Percent complete: 23.8%; Average loss: 2.7738  
Iteration: 955; Percent complete: 23.9%; Average loss: 3.3486  
Iteration: 956; Percent complete: 23.9%; Average loss: 3.0518  
Iteration: 957; Percent complete: 23.9%; Average loss: 3.0232  
Iteration: 958; Percent complete: 23.9%; Average loss: 3.1041  
Iteration: 959; Percent complete: 24.0%; Average loss: 3.1994  
Iteration: 960; Percent complete: 24.0%; Average loss: 3.2929  
Iteration: 961; Percent complete: 24.0%; Average loss: 3.3322  
Iteration: 962; Percent complete: 24.1%; Average loss: 3.3092  
Iteration: 963; Percent complete: 24.1%; Average loss: 3.2596  
Iteration: 964; Percent complete: 24.1%; Average loss: 3.2796  
Iteration: 965; Percent complete: 24.1%; Average loss: 2.9589  
Iteration: 966; Percent complete: 24.1%; Average loss: 3.4997  
Iteration: 967; Percent complete: 24.2%; Average loss: 3.0346  
Iteration: 968; Percent complete: 24.2%; Average loss: 2.8183  
Iteration: 969; Percent complete: 24.2%; Average loss: 3.2987  
Iteration: 970; Percent complete: 24.2%; Average loss: 3.3715  
Iteration: 971; Percent complete: 24.3%; Average loss: 3.1662  
Iteration: 972; Percent complete: 24.3%; Average loss: 3.1807  
Iteration: 973; Percent complete: 24.3%; Average loss: 3.4728  
Iteration: 974; Percent complete: 24.3%; Average loss: 3.0372  
Iteration: 975; Percent complete: 24.4%; Average loss: 3.3470  
Iteration: 976; Percent complete: 24.4%; Average loss: 3.2256  
Iteration: 977; Percent complete: 24.4%; Average loss: 3.1289  
Iteration: 978; Percent complete: 24.4%; Average loss: 3.5438  
Iteration: 979; Percent complete: 24.5%; Average loss: 3.1174  
Iteration: 980; Percent complete: 24.5%; Average loss: 3.0858  
Iteration: 981; Percent complete: 24.5%; Average loss: 3.0729  
Iteration: 982; Percent complete: 24.6%; Average loss: 3.0655  
Iteration: 983; Percent complete: 24.6%; Average loss: 2.6650  
Iteration: 984; Percent complete: 24.6%; Average loss: 3.3056  
Iteration: 985; Percent complete: 24.6%; Average loss: 3.0869  
Iteration: 986; Percent complete: 24.6%; Average loss: 3.2942  
Iteration: 987; Percent complete: 24.7%; Average loss: 3.3928  
Iteration: 988; Percent complete: 24.7%; Average loss: 3.2965  
Iteration: 989; Percent complete: 24.7%; Average loss: 3.1728  
Iteration: 990; Percent complete: 24.8%; Average loss: 2.8818  
Iteration: 991; Percent complete: 24.8%; Average loss: 3.0531  
Iteration: 992; Percent complete: 24.8%; Average loss: 3.1807  
Iteration: 993; Percent complete: 24.8%; Average loss: 2.9777  
Iteration: 994; Percent complete: 24.9%; Average loss: 2.9322  
Iteration: 995; Percent complete: 24.9%; Average loss: 3.2715  
Iteration: 996; Percent complete: 24.9%; Average loss: 3.4808  
Iteration: 997; Percent complete: 24.9%; Average loss: 3.2617  
Iteration: 998; Percent complete: 24.9%; Average loss: 3.1299  
Iteration: 999; Percent complete: 25.0%; Average loss: 3.0737  
Iteration: 1000; Percent complete: 25.0%; Average loss: 3.1917  
Iteration: 1001; Percent complete: 25.0%; Average loss: 3.4498  
Iteration: 1002; Percent complete: 25.1%; Average loss: 3.1288  
Iteration: 1003; Percent complete: 25.1%; Average loss: 2.9908  
Iteration: 1004; Percent complete: 25.1%; Average loss: 3.1123  
Iteration: 1005; Percent complete: 25.1%; Average loss: 2.9380  
Iteration: 1006; Percent complete: 25.1%; Average loss: 3.0099

Iteration: 1008; Percent complete: 25.1%; Average loss: 3.0899  
Iteration: 1007; Percent complete: 25.2%; Average loss: 2.9377  
Iteration: 1008; Percent complete: 25.2%; Average loss: 3.0357  
Iteration: 1009; Percent complete: 25.2%; Average loss: 2.9812  
Iteration: 1010; Percent complete: 25.2%; Average loss: 2.9329  
Iteration: 1011; Percent complete: 25.3%; Average loss: 3.1892  
Iteration: 1012; Percent complete: 25.3%; Average loss: 2.9645  
Iteration: 1013; Percent complete: 25.3%; Average loss: 2.9972  
Iteration: 1014; Percent complete: 25.4%; Average loss: 3.0959  
Iteration: 1015; Percent complete: 25.4%; Average loss: 3.0662  
Iteration: 1016; Percent complete: 25.4%; Average loss: 3.0231  
Iteration: 1017; Percent complete: 25.4%; Average loss: 2.9751  
Iteration: 1018; Percent complete: 25.4%; Average loss: 3.0882  
Iteration: 1019; Percent complete: 25.5%; Average loss: 2.8658  
Iteration: 1020; Percent complete: 25.5%; Average loss: 3.4047  
Iteration: 1021; Percent complete: 25.5%; Average loss: 2.9443  
Iteration: 1022; Percent complete: 25.6%; Average loss: 2.8957  
Iteration: 1023; Percent complete: 25.6%; Average loss: 3.0862  
Iteration: 1024; Percent complete: 25.6%; Average loss: 3.1094  
Iteration: 1025; Percent complete: 25.6%; Average loss: 3.6806  
Iteration: 1026; Percent complete: 25.7%; Average loss: 3.2716  
Iteration: 1027; Percent complete: 25.7%; Average loss: 3.2788  
Iteration: 1028; Percent complete: 25.7%; Average loss: 3.3607  
Iteration: 1029; Percent complete: 25.7%; Average loss: 3.2898  
Iteration: 1030; Percent complete: 25.8%; Average loss: 2.9607  
Iteration: 1031; Percent complete: 25.8%; Average loss: 2.7522  
Iteration: 1032; Percent complete: 25.8%; Average loss: 3.0724  
Iteration: 1033; Percent complete: 25.8%; Average loss: 2.9846  
Iteration: 1034; Percent complete: 25.9%; Average loss: 3.0805  
Iteration: 1035; Percent complete: 25.9%; Average loss: 3.0513  
Iteration: 1036; Percent complete: 25.9%; Average loss: 3.1160  
Iteration: 1037; Percent complete: 25.9%; Average loss: 3.1115  
Iteration: 1038; Percent complete: 25.9%; Average loss: 3.0337  
Iteration: 1039; Percent complete: 26.0%; Average loss: 2.9823  
Iteration: 1040; Percent complete: 26.0%; Average loss: 3.1278  
Iteration: 1041; Percent complete: 26.0%; Average loss: 3.2228  
Iteration: 1042; Percent complete: 26.1%; Average loss: 3.5882  
Iteration: 1043; Percent complete: 26.1%; Average loss: 3.3666  
Iteration: 1044; Percent complete: 26.1%; Average loss: 3.3768  
Iteration: 1045; Percent complete: 26.1%; Average loss: 3.2619  
Iteration: 1046; Percent complete: 26.2%; Average loss: 2.9204  
Iteration: 1047; Percent complete: 26.2%; Average loss: 3.2121  
Iteration: 1048; Percent complete: 26.2%; Average loss: 3.1715  
Iteration: 1049; Percent complete: 26.2%; Average loss: 3.0316  
Iteration: 1050; Percent complete: 26.2%; Average loss: 3.3606  
Iteration: 1051; Percent complete: 26.3%; Average loss: 3.0889  
Iteration: 1052; Percent complete: 26.3%; Average loss: 3.2334  
Iteration: 1053; Percent complete: 26.3%; Average loss: 2.9456  
Iteration: 1054; Percent complete: 26.4%; Average loss: 3.1358  
Iteration: 1055; Percent complete: 26.4%; Average loss: 2.9298  
Iteration: 1056; Percent complete: 26.4%; Average loss: 3.2980  
Iteration: 1057; Percent complete: 26.4%; Average loss: 2.9665  
Iteration: 1058; Percent complete: 26.5%; Average loss: 3.2421  
Iteration: 1059; Percent complete: 26.5%; Average loss: 3.2673  
Iteration: 1060; Percent complete: 26.5%; Average loss: 3.0926  
Iteration: 1061; Percent complete: 26.5%; Average loss: 3.0516  
Iteration: 1062; Percent complete: 26.6%; Average loss: 3.1682  
Iteration: 1063; Percent complete: 26.6%; Average loss: 3.2331  
Iteration: 1064; Percent complete: 26.6%; Average loss: 3.0051  
Iteration: 1065; Percent complete: 26.6%; Average loss: 3.3560  
Iteration: 1066; Percent complete: 26.7%; Average loss: 2.9475  
Iteration: 1067; Percent complete: 26.7%; Average loss: 2.9656  
Iteration: 1068; Percent complete: 26.7%; Average loss: 2.8249  
Iteration: 1069; Percent complete: 26.7%; Average loss: 3.1303  
Iteration: 1070; Percent complete: 26.8%; Average loss: 2.9665  
Iteration: 1071; Percent complete: 26.8%; Average loss: 3.0860  
Iteration: 1072; Percent complete: 26.8%; Average loss: 3.0570  
Iteration: 1073; Percent complete: 26.8%; Average loss: 3.3391  
Iteration: 1074; Percent complete: 26.9%; Average loss: 2.7475  
Iteration: 1075; Percent complete: 26.9%; Average loss: 3.1401  
Iteration: 1076; Percent complete: 26.9%; Average loss: 3.4028  
Iteration: 1077; Percent complete: 26.9%; Average loss: 3.0204  
Iteration: 1078; Percent complete: 27.0%; Average loss: 2.9095  
Iteration: 1079; Percent complete: 27.0%; Average loss: 3.2908  
Iteration: 1080; Percent complete: 27.0%; Average loss: 2.7802  
Iteration: 1081; Percent complete: 27.0%; Average loss: 2.9955  
Iteration: 1082; Percent complete: 27.1%; Average loss: 2.9331  
Iteration: 1083; Percent complete: 27.1%; Average loss: 3.0053  
Iteration: 1084; Percent complete: 27.1%; Average loss: 2.9511  
Iteration: 1085; Percent complete: 27.1%; Average loss: 3.1316  
Iteration: 1086; Percent complete: 27.2%; Average loss: 3.1708  
Iteration: 1087; Percent complete: 27.2%; Average loss: 3.2983  
Iteration: 1088; Percent complete: 27.2%; Average loss: 2.7208  
Iteration: 1089; Percent complete: 27.2%; Average loss: 3.1970  
Iteration: 1090; Percent complete: 27.3%; Average loss: 3.2529  
Iteration: 1091; Percent complete: 27.3%; Average loss: 3.1912  
Iteration: 1092; Percent complete: 27.3%; Average loss: 2.7634  
Iteration: 1093; Percent complete: 27.3%; Average loss: 3.1618  
Iteration: 1094; Percent complete: 27.4%; Average loss: 3.1734  
Iteration: 1095; Percent complete: 27.4%; Average loss: 3.3453  
Iteration: 1096; Percent complete: 27.4%; Average loss: 3.1144  
Iteration: 1097; Percent complete: 27.4%; Average loss: 3.0611

Iteration: 1098; Percent complete: 27.5%; Average loss: 2.6957  
Iteration: 1099; Percent complete: 27.5%; Average loss: 3.0628  
Iteration: 1100; Percent complete: 27.5%; Average loss: 2.9918  
Iteration: 1101; Percent complete: 27.5%; Average loss: 2.6760  
Iteration: 1102; Percent complete: 27.6%; Average loss: 3.3254  
Iteration: 1103; Percent complete: 27.6%; Average loss: 2.7902  
Iteration: 1104; Percent complete: 27.6%; Average loss: 2.9133  
Iteration: 1105; Percent complete: 27.6%; Average loss: 2.9786  
Iteration: 1106; Percent complete: 27.7%; Average loss: 2.9932  
Iteration: 1107; Percent complete: 27.7%; Average loss: 2.9237  
Iteration: 1108; Percent complete: 27.7%; Average loss: 2.8390  
Iteration: 1109; Percent complete: 27.7%; Average loss: 3.4435  
Iteration: 1110; Percent complete: 27.8%; Average loss: 3.0374  
Iteration: 1111; Percent complete: 27.8%; Average loss: 3.1259  
Iteration: 1112; Percent complete: 27.8%; Average loss: 2.9197  
Iteration: 1113; Percent complete: 27.8%; Average loss: 3.2837  
Iteration: 1114; Percent complete: 27.9%; Average loss: 3.0869  
Iteration: 1115; Percent complete: 27.9%; Average loss: 3.0875  
Iteration: 1116; Percent complete: 27.9%; Average loss: 3.3546  
Iteration: 1117; Percent complete: 27.9%; Average loss: 3.1429  
Iteration: 1118; Percent complete: 28.0%; Average loss: 2.9507  
Iteration: 1119; Percent complete: 28.0%; Average loss: 2.9484  
Iteration: 1120; Percent complete: 28.0%; Average loss: 2.9124  
Iteration: 1121; Percent complete: 28.0%; Average loss: 3.0280  
Iteration: 1122; Percent complete: 28.1%; Average loss: 2.8462  
Iteration: 1123; Percent complete: 28.1%; Average loss: 2.8928  
Iteration: 1124; Percent complete: 28.1%; Average loss: 3.1516  
Iteration: 1125; Percent complete: 28.1%; Average loss: 3.1065  
Iteration: 1126; Percent complete: 28.1%; Average loss: 2.9972  
Iteration: 1127; Percent complete: 28.2%; Average loss: 3.2500  
Iteration: 1128; Percent complete: 28.2%; Average loss: 3.1981  
Iteration: 1129; Percent complete: 28.2%; Average loss: 3.1813  
Iteration: 1130; Percent complete: 28.2%; Average loss: 3.0129  
Iteration: 1131; Percent complete: 28.3%; Average loss: 2.7085  
Iteration: 1132; Percent complete: 28.3%; Average loss: 3.1488  
Iteration: 1133; Percent complete: 28.3%; Average loss: 2.9152  
Iteration: 1134; Percent complete: 28.3%; Average loss: 3.0813  
Iteration: 1135; Percent complete: 28.4%; Average loss: 3.1100  
Iteration: 1136; Percent complete: 28.4%; Average loss: 3.0715  
Iteration: 1137; Percent complete: 28.4%; Average loss: 2.9418  
Iteration: 1138; Percent complete: 28.4%; Average loss: 3.0899  
Iteration: 1139; Percent complete: 28.5%; Average loss: 2.8258  
Iteration: 1140; Percent complete: 28.5%; Average loss: 2.9552  
Iteration: 1141; Percent complete: 28.5%; Average loss: 2.8855  
Iteration: 1142; Percent complete: 28.5%; Average loss: 2.8042  
Iteration: 1143; Percent complete: 28.6%; Average loss: 3.2197  
Iteration: 1144; Percent complete: 28.6%; Average loss: 2.8902  
Iteration: 1145; Percent complete: 28.6%; Average loss: 2.9218  
Iteration: 1146; Percent complete: 28.6%; Average loss: 2.9640  
Iteration: 1147; Percent complete: 28.7%; Average loss: 3.0560  
Iteration: 1148; Percent complete: 28.7%; Average loss: 3.0895  
Iteration: 1149; Percent complete: 28.7%; Average loss: 2.9794  
Iteration: 1150; Percent complete: 28.7%; Average loss: 3.0609  
Iteration: 1151; Percent complete: 28.8%; Average loss: 2.9174  
Iteration: 1152; Percent complete: 28.8%; Average loss: 2.9870  
Iteration: 1153; Percent complete: 28.8%; Average loss: 3.1512  
Iteration: 1154; Percent complete: 28.8%; Average loss: 3.0764  
Iteration: 1155; Percent complete: 28.9%; Average loss: 2.9045  
Iteration: 1156; Percent complete: 28.9%; Average loss: 3.0637  
Iteration: 1157; Percent complete: 28.9%; Average loss: 2.8300  
Iteration: 1158; Percent complete: 28.9%; Average loss: 2.9098  
Iteration: 1159; Percent complete: 29.0%; Average loss: 3.0952  
Iteration: 1160; Percent complete: 29.0%; Average loss: 3.0432  
Iteration: 1161; Percent complete: 29.0%; Average loss: 3.3182  
Iteration: 1162; Percent complete: 29.0%; Average loss: 3.5927  
Iteration: 1163; Percent complete: 29.1%; Average loss: 2.9996  
Iteration: 1164; Percent complete: 29.1%; Average loss: 2.8708  
Iteration: 1165; Percent complete: 29.1%; Average loss: 2.7913  
Iteration: 1166; Percent complete: 29.1%; Average loss: 3.0007  
Iteration: 1167; Percent complete: 29.2%; Average loss: 2.8683  
Iteration: 1168; Percent complete: 29.2%; Average loss: 2.9786  
Iteration: 1169; Percent complete: 29.2%; Average loss: 3.0510  
Iteration: 1170; Percent complete: 29.2%; Average loss: 3.0556  
Iteration: 1171; Percent complete: 29.3%; Average loss: 2.8947  
Iteration: 1172; Percent complete: 29.3%; Average loss: 3.1344  
Iteration: 1173; Percent complete: 29.3%; Average loss: 3.0996  
Iteration: 1174; Percent complete: 29.3%; Average loss: 2.9343  
Iteration: 1175; Percent complete: 29.4%; Average loss: 3.0816  
Iteration: 1176; Percent complete: 29.4%; Average loss: 3.1099  
Iteration: 1177; Percent complete: 29.4%; Average loss: 3.2648  
Iteration: 1178; Percent complete: 29.4%; Average loss: 3.1748  
Iteration: 1179; Percent complete: 29.5%; Average loss: 3.0791  
Iteration: 1180; Percent complete: 29.5%; Average loss: 3.0226  
Iteration: 1181; Percent complete: 29.5%; Average loss: 2.9332  
Iteration: 1182; Percent complete: 29.5%; Average loss: 2.9739  
Iteration: 1183; Percent complete: 29.6%; Average loss: 2.9901  
Iteration: 1184; Percent complete: 29.6%; Average loss: 2.9714  
Iteration: 1185; Percent complete: 29.6%; Average loss: 3.1119  
Iteration: 1186; Percent complete: 29.6%; Average loss: 2.9909  
Iteration: 1187; Percent complete: 29.7%; Average loss: 3.0005  
Iteration: 1188; Percent complete: 29.7%; Average loss: 3.2607

Iteration: 1189; Percent complete: 29.7%; Average loss: 3.1528  
Iteration: 1190; Percent complete: 29.8%; Average loss: 3.0828  
Iteration: 1191; Percent complete: 29.8%; Average loss: 3.0306  
Iteration: 1192; Percent complete: 29.8%; Average loss: 2.9654  
Iteration: 1193; Percent complete: 29.8%; Average loss: 2.9967  
Iteration: 1194; Percent complete: 29.8%; Average loss: 3.0199  
Iteration: 1195; Percent complete: 29.9%; Average loss: 3.2258  
Iteration: 1196; Percent complete: 29.9%; Average loss: 3.3782  
Iteration: 1197; Percent complete: 29.9%; Average loss: 2.8124  
Iteration: 1198; Percent complete: 29.9%; Average loss: 2.9714  
Iteration: 1199; Percent complete: 30.0%; Average loss: 2.9864  
Iteration: 1200; Percent complete: 30.0%; Average loss: 3.1083  
Iteration: 1201; Percent complete: 30.0%; Average loss: 3.0857  
Iteration: 1202; Percent complete: 30.0%; Average loss: 3.1347  
Iteration: 1203; Percent complete: 30.1%; Average loss: 3.1173  
Iteration: 1204; Percent complete: 30.1%; Average loss: 3.1899  
Iteration: 1205; Percent complete: 30.1%; Average loss: 3.2856  
Iteration: 1206; Percent complete: 30.1%; Average loss: 3.3169  
Iteration: 1207; Percent complete: 30.2%; Average loss: 2.6890  
Iteration: 1208; Percent complete: 30.2%; Average loss: 3.2987  
Iteration: 1209; Percent complete: 30.2%; Average loss: 3.1184  
Iteration: 1210; Percent complete: 30.2%; Average loss: 2.5178  
Iteration: 1211; Percent complete: 30.3%; Average loss: 3.2656  
Iteration: 1212; Percent complete: 30.3%; Average loss: 3.1309  
Iteration: 1213; Percent complete: 30.3%; Average loss: 3.3903  
Iteration: 1214; Percent complete: 30.3%; Average loss: 3.0688  
Iteration: 1215; Percent complete: 30.4%; Average loss: 2.8094  
Iteration: 1216; Percent complete: 30.4%; Average loss: 3.1138  
Iteration: 1217; Percent complete: 30.4%; Average loss: 3.0262  
Iteration: 1218; Percent complete: 30.4%; Average loss: 2.8928  
Iteration: 1219; Percent complete: 30.5%; Average loss: 3.0002  
Iteration: 1220; Percent complete: 30.5%; Average loss: 3.1890  
Iteration: 1221; Percent complete: 30.5%; Average loss: 3.2925  
Iteration: 1222; Percent complete: 30.6%; Average loss: 2.9659  
Iteration: 1223; Percent complete: 30.6%; Average loss: 2.9771  
Iteration: 1224; Percent complete: 30.6%; Average loss: 3.3087  
Iteration: 1225; Percent complete: 30.6%; Average loss: 3.1335  
Iteration: 1226; Percent complete: 30.6%; Average loss: 2.9260  
Iteration: 1227; Percent complete: 30.7%; Average loss: 3.2500  
Iteration: 1228; Percent complete: 30.7%; Average loss: 2.9292  
Iteration: 1229; Percent complete: 30.7%; Average loss: 3.0812  
Iteration: 1230; Percent complete: 30.8%; Average loss: 3.3416  
Iteration: 1231; Percent complete: 30.8%; Average loss: 2.9873  
Iteration: 1232; Percent complete: 30.8%; Average loss: 2.8167  
Iteration: 1233; Percent complete: 30.8%; Average loss: 3.2128  
Iteration: 1234; Percent complete: 30.9%; Average loss: 3.0759  
Iteration: 1235; Percent complete: 30.9%; Average loss: 3.0545  
Iteration: 1236; Percent complete: 30.9%; Average loss: 2.9921  
Iteration: 1237; Percent complete: 30.9%; Average loss: 3.1816  
Iteration: 1238; Percent complete: 30.9%; Average loss: 3.0643  
Iteration: 1239; Percent complete: 31.0%; Average loss: 3.1252  
Iteration: 1240; Percent complete: 31.0%; Average loss: 2.7572  
Iteration: 1241; Percent complete: 31.0%; Average loss: 3.0821  
Iteration: 1242; Percent complete: 31.1%; Average loss: 2.6577  
Iteration: 1243; Percent complete: 31.1%; Average loss: 3.0128  
Iteration: 1244; Percent complete: 31.1%; Average loss: 3.2687  
Iteration: 1245; Percent complete: 31.1%; Average loss: 2.8637  
Iteration: 1246; Percent complete: 31.1%; Average loss: 2.7950  
Iteration: 1247; Percent complete: 31.2%; Average loss: 3.1129  
Iteration: 1248; Percent complete: 31.2%; Average loss: 2.9467  
Iteration: 1249; Percent complete: 31.2%; Average loss: 3.0073  
Iteration: 1250; Percent complete: 31.2%; Average loss: 2.8258  
Iteration: 1251; Percent complete: 31.3%; Average loss: 3.3777  
Iteration: 1252; Percent complete: 31.3%; Average loss: 3.0834  
Iteration: 1253; Percent complete: 31.3%; Average loss: 2.9297  
Iteration: 1254; Percent complete: 31.4%; Average loss: 3.0428  
Iteration: 1255; Percent complete: 31.4%; Average loss: 3.2961  
Iteration: 1256; Percent complete: 31.4%; Average loss: 3.2992  
Iteration: 1257; Percent complete: 31.4%; Average loss: 3.2505  
Iteration: 1258; Percent complete: 31.4%; Average loss: 2.9238  
Iteration: 1259; Percent complete: 31.5%; Average loss: 2.7601  
Iteration: 1260; Percent complete: 31.5%; Average loss: 3.0149  
Iteration: 1261; Percent complete: 31.5%; Average loss: 3.0621  
Iteration: 1262; Percent complete: 31.6%; Average loss: 2.8084  
Iteration: 1263; Percent complete: 31.6%; Average loss: 3.2230  
Iteration: 1264; Percent complete: 31.6%; Average loss: 3.1232  
Iteration: 1265; Percent complete: 31.6%; Average loss: 3.3678  
Iteration: 1266; Percent complete: 31.6%; Average loss: 2.8464  
Iteration: 1267; Percent complete: 31.7%; Average loss: 3.0623  
Iteration: 1268; Percent complete: 31.7%; Average loss: 2.7685  
Iteration: 1269; Percent complete: 31.7%; Average loss: 2.9519  
Iteration: 1270; Percent complete: 31.8%; Average loss: 2.8457  
Iteration: 1271; Percent complete: 31.8%; Average loss: 2.8621  
Iteration: 1272; Percent complete: 31.8%; Average loss: 3.2466  
Iteration: 1273; Percent complete: 31.8%; Average loss: 3.3486  
Iteration: 1274; Percent complete: 31.9%; Average loss: 3.1796  
Iteration: 1275; Percent complete: 31.9%; Average loss: 2.6607  
Iteration: 1276; Percent complete: 31.9%; Average loss: 2.9352  
Iteration: 1277; Percent complete: 31.9%; Average loss: 2.9983  
Iteration: 1278; Percent complete: 31.9%; Average loss: 2.9407  
Iteration: 1279; Percent complete: 32.0%; Average loss: 3.0253  
Iteration: 1280; Percent complete: 32.0%; Average loss: 2.9886



Iteration: 1280; Percent complete: 32.0%; Average loss: 2.9986  
Iteration: 1281; Percent complete: 32.0%; Average loss: 3.1929  
Iteration: 1282; Percent complete: 32.0%; Average loss: 2.9007  
Iteration: 1283; Percent complete: 32.1%; Average loss: 3.1402  
Iteration: 1284; Percent complete: 32.1%; Average loss: 3.3219  
Iteration: 1285; Percent complete: 32.1%; Average loss: 3.2449  
Iteration: 1286; Percent complete: 32.1%; Average loss: 2.9173  
Iteration: 1287; Percent complete: 32.2%; Average loss: 3.2136  
Iteration: 1288; Percent complete: 32.2%; Average loss: 3.4213  
Iteration: 1289; Percent complete: 32.2%; Average loss: 3.1022  
Iteration: 1290; Percent complete: 32.2%; Average loss: 2.8393  
Iteration: 1291; Percent complete: 32.3%; Average loss: 2.9800  
Iteration: 1292; Percent complete: 32.3%; Average loss: 2.7312  
Iteration: 1293; Percent complete: 32.3%; Average loss: 2.9014  
Iteration: 1294; Percent complete: 32.4%; Average loss: 2.6268  
Iteration: 1295; Percent complete: 32.4%; Average loss: 3.2136  
Iteration: 1296; Percent complete: 32.4%; Average loss: 2.9739  
Iteration: 1297; Percent complete: 32.4%; Average loss: 2.9183  
Iteration: 1298; Percent complete: 32.5%; Average loss: 3.0184  
Iteration: 1299; Percent complete: 32.5%; Average loss: 3.2249  
Iteration: 1300; Percent complete: 32.5%; Average loss: 2.9846  
Iteration: 1301; Percent complete: 32.5%; Average loss: 3.0807  
Iteration: 1302; Percent complete: 32.6%; Average loss: 2.6638  
Iteration: 1303; Percent complete: 32.6%; Average loss: 2.6391  
Iteration: 1304; Percent complete: 32.6%; Average loss: 2.7399  
Iteration: 1305; Percent complete: 32.6%; Average loss: 3.2412  
Iteration: 1306; Percent complete: 32.6%; Average loss: 2.8447  
Iteration: 1307; Percent complete: 32.7%; Average loss: 3.2288  
Iteration: 1308; Percent complete: 32.7%; Average loss: 2.8349  
Iteration: 1309; Percent complete: 32.7%; Average loss: 2.9920  
Iteration: 1310; Percent complete: 32.8%; Average loss: 2.8980  
Iteration: 1311; Percent complete: 32.8%; Average loss: 3.0586  
Iteration: 1312; Percent complete: 32.8%; Average loss: 2.9395  
Iteration: 1313; Percent complete: 32.8%; Average loss: 2.8768  
Iteration: 1314; Percent complete: 32.9%; Average loss: 2.8007  
Iteration: 1315; Percent complete: 32.9%; Average loss: 3.2594  
Iteration: 1316; Percent complete: 32.9%; Average loss: 3.1439  
Iteration: 1317; Percent complete: 32.9%; Average loss: 3.0060  
Iteration: 1318; Percent complete: 33.0%; Average loss: 2.9229  
Iteration: 1319; Percent complete: 33.0%; Average loss: 3.4173  
Iteration: 1320; Percent complete: 33.0%; Average loss: 2.7559  
Iteration: 1321; Percent complete: 33.0%; Average loss: 3.1346  
Iteration: 1322; Percent complete: 33.1%; Average loss: 3.0280  
Iteration: 1323; Percent complete: 33.1%; Average loss: 3.2895  
Iteration: 1324; Percent complete: 33.1%; Average loss: 3.0962  
Iteration: 1325; Percent complete: 33.1%; Average loss: 3.0123  
Iteration: 1326; Percent complete: 33.1%; Average loss: 2.7794  
Iteration: 1327; Percent complete: 33.2%; Average loss: 2.9949  
Iteration: 1328; Percent complete: 33.2%; Average loss: 2.8623  
Iteration: 1329; Percent complete: 33.2%; Average loss: 2.9426  
Iteration: 1330; Percent complete: 33.2%; Average loss: 3.0261  
Iteration: 1331; Percent complete: 33.3%; Average loss: 3.0712  
Iteration: 1332; Percent complete: 33.3%; Average loss: 3.2174  
Iteration: 1333; Percent complete: 33.3%; Average loss: 2.8343  
Iteration: 1334; Percent complete: 33.4%; Average loss: 3.3432  
Iteration: 1335; Percent complete: 33.4%; Average loss: 2.9920  
Iteration: 1336; Percent complete: 33.4%; Average loss: 3.0308  
Iteration: 1337; Percent complete: 33.4%; Average loss: 2.8187  
Iteration: 1338; Percent complete: 33.5%; Average loss: 2.9683  
Iteration: 1339; Percent complete: 33.5%; Average loss: 3.0612  
Iteration: 1340; Percent complete: 33.5%; Average loss: 3.0258  
Iteration: 1341; Percent complete: 33.5%; Average loss: 3.1450  
Iteration: 1342; Percent complete: 33.6%; Average loss: 3.0283  
Iteration: 1343; Percent complete: 33.6%; Average loss: 2.9972  
Iteration: 1344; Percent complete: 33.6%; Average loss: 2.8265  
Iteration: 1345; Percent complete: 33.6%; Average loss: 2.7999  
Iteration: 1346; Percent complete: 33.7%; Average loss: 3.0524  
Iteration: 1347; Percent complete: 33.7%; Average loss: 2.7690  
Iteration: 1348; Percent complete: 33.7%; Average loss: 3.1287  
Iteration: 1349; Percent complete: 33.7%; Average loss: 3.1202  
Iteration: 1350; Percent complete: 33.8%; Average loss: 3.0759  
Iteration: 1351; Percent complete: 33.8%; Average loss: 3.1674  
Iteration: 1352; Percent complete: 33.8%; Average loss: 2.9535  
Iteration: 1353; Percent complete: 33.8%; Average loss: 3.1046  
Iteration: 1354; Percent complete: 33.9%; Average loss: 2.9264  
Iteration: 1355; Percent complete: 33.9%; Average loss: 3.0742  
Iteration: 1356; Percent complete: 33.9%; Average loss: 2.8142  
Iteration: 1357; Percent complete: 33.9%; Average loss: 3.1801  
Iteration: 1358; Percent complete: 34.0%; Average loss: 2.5922  
Iteration: 1359; Percent complete: 34.0%; Average loss: 2.7657  
Iteration: 1360; Percent complete: 34.0%; Average loss: 3.2143  
Iteration: 1361; Percent complete: 34.0%; Average loss: 2.9280  
Iteration: 1362; Percent complete: 34.1%; Average loss: 2.8323  
Iteration: 1363; Percent complete: 34.1%; Average loss: 2.9435  
Iteration: 1364; Percent complete: 34.1%; Average loss: 2.8178  
Iteration: 1365; Percent complete: 34.1%; Average loss: 3.2401  
Iteration: 1366; Percent complete: 34.2%; Average loss: 2.9329  
Iteration: 1367; Percent complete: 34.2%; Average loss: 2.8924  
Iteration: 1368; Percent complete: 34.2%; Average loss: 3.1724  
Iteration: 1369; Percent complete: 34.2%; Average loss: 2.9107  
Iteration: 1370; Percent complete: 34.2%; Average loss: 3.0509  
Iteration: 1371; Percent complete: 34.3%; Average loss: 3.3643

Iteration: 1371; Percent complete: 34.3%; Average loss: 3.0383  
Iteration: 1372; Percent complete: 34.3%; Average loss: 3.0383  
Iteration: 1373; Percent complete: 34.3%; Average loss: 2.9323  
Iteration: 1374; Percent complete: 34.4%; Average loss: 3.1609  
Iteration: 1375; Percent complete: 34.4%; Average loss: 2.9615  
Iteration: 1376; Percent complete: 34.4%; Average loss: 3.2270  
Iteration: 1377; Percent complete: 34.4%; Average loss: 3.0051  
Iteration: 1378; Percent complete: 34.4%; Average loss: 2.9069  
Iteration: 1379; Percent complete: 34.5%; Average loss: 2.9447  
Iteration: 1380; Percent complete: 34.5%; Average loss: 3.1573  
Iteration: 1381; Percent complete: 34.5%; Average loss: 2.8846  
Iteration: 1382; Percent complete: 34.5%; Average loss: 3.0865  
Iteration: 1383; Percent complete: 34.6%; Average loss: 2.8991  
Iteration: 1384; Percent complete: 34.6%; Average loss: 2.9666  
Iteration: 1385; Percent complete: 34.6%; Average loss: 2.9211  
Iteration: 1386; Percent complete: 34.6%; Average loss: 2.8903  
Iteration: 1387; Percent complete: 34.7%; Average loss: 2.8649  
Iteration: 1388; Percent complete: 34.7%; Average loss: 3.2260  
Iteration: 1389; Percent complete: 34.7%; Average loss: 2.9273  
Iteration: 1390; Percent complete: 34.8%; Average loss: 3.1331  
Iteration: 1391; Percent complete: 34.8%; Average loss: 3.2543  
Iteration: 1392; Percent complete: 34.8%; Average loss: 2.9757  
Iteration: 1393; Percent complete: 34.8%; Average loss: 2.8217  
Iteration: 1394; Percent complete: 34.8%; Average loss: 3.1021  
Iteration: 1395; Percent complete: 34.9%; Average loss: 2.9820  
Iteration: 1396; Percent complete: 34.9%; Average loss: 3.2233  
Iteration: 1397; Percent complete: 34.9%; Average loss: 3.1619  
Iteration: 1398; Percent complete: 34.9%; Average loss: 3.0720  
Iteration: 1399; Percent complete: 35.0%; Average loss: 2.7332  
Iteration: 1400; Percent complete: 35.0%; Average loss: 2.9885  
Iteration: 1401; Percent complete: 35.0%; Average loss: 3.1613  
Iteration: 1402; Percent complete: 35.0%; Average loss: 3.0973  
Iteration: 1403; Percent complete: 35.1%; Average loss: 3.0845  
Iteration: 1404; Percent complete: 35.1%; Average loss: 2.8611  
Iteration: 1405; Percent complete: 35.1%; Average loss: 3.0108  
Iteration: 1406; Percent complete: 35.1%; Average loss: 3.0366  
Iteration: 1407; Percent complete: 35.2%; Average loss: 3.2375  
Iteration: 1408; Percent complete: 35.2%; Average loss: 2.7210  
Iteration: 1409; Percent complete: 35.2%; Average loss: 2.6702  
Iteration: 1410; Percent complete: 35.2%; Average loss: 3.0260  
Iteration: 1411; Percent complete: 35.3%; Average loss: 2.9716  
Iteration: 1412; Percent complete: 35.3%; Average loss: 2.9464  
Iteration: 1413; Percent complete: 35.3%; Average loss: 2.6446  
Iteration: 1414; Percent complete: 35.4%; Average loss: 2.7351  
Iteration: 1415; Percent complete: 35.4%; Average loss: 2.6166  
Iteration: 1416; Percent complete: 35.4%; Average loss: 3.1189  
Iteration: 1417; Percent complete: 35.4%; Average loss: 3.1920  
Iteration: 1418; Percent complete: 35.4%; Average loss: 2.8082  
Iteration: 1419; Percent complete: 35.5%; Average loss: 3.1945  
Iteration: 1420; Percent complete: 35.5%; Average loss: 2.8842  
Iteration: 1421; Percent complete: 35.5%; Average loss: 2.9933  
Iteration: 1422; Percent complete: 35.5%; Average loss: 2.6683  
Iteration: 1423; Percent complete: 35.6%; Average loss: 2.9226  
Iteration: 1424; Percent complete: 35.6%; Average loss: 2.9805  
Iteration: 1425; Percent complete: 35.6%; Average loss: 2.9445  
Iteration: 1426; Percent complete: 35.6%; Average loss: 2.5748  
Iteration: 1427; Percent complete: 35.7%; Average loss: 3.0295  
Iteration: 1428; Percent complete: 35.7%; Average loss: 2.8910  
Iteration: 1429; Percent complete: 35.7%; Average loss: 3.1315  
Iteration: 1430; Percent complete: 35.8%; Average loss: 2.9762  
Iteration: 1431; Percent complete: 35.8%; Average loss: 2.8241  
Iteration: 1432; Percent complete: 35.8%; Average loss: 2.7945  
Iteration: 1433; Percent complete: 35.8%; Average loss: 3.1614  
Iteration: 1434; Percent complete: 35.9%; Average loss: 3.0117  
Iteration: 1435; Percent complete: 35.9%; Average loss: 2.9630  
Iteration: 1436; Percent complete: 35.9%; Average loss: 2.8759  
Iteration: 1437; Percent complete: 35.9%; Average loss: 2.6690  
Iteration: 1438; Percent complete: 35.9%; Average loss: 2.8382  
Iteration: 1439; Percent complete: 36.0%; Average loss: 3.0366  
Iteration: 1440; Percent complete: 36.0%; Average loss: 3.0001  
Iteration: 1441; Percent complete: 36.0%; Average loss: 3.3426  
Iteration: 1442; Percent complete: 36.0%; Average loss: 2.8915  
Iteration: 1443; Percent complete: 36.1%; Average loss: 2.8254  
Iteration: 1444; Percent complete: 36.1%; Average loss: 3.0337  
Iteration: 1445; Percent complete: 36.1%; Average loss: 2.7549  
Iteration: 1446; Percent complete: 36.1%; Average loss: 3.1626  
Iteration: 1447; Percent complete: 36.2%; Average loss: 3.0268  
Iteration: 1448; Percent complete: 36.2%; Average loss: 3.0563  
Iteration: 1449; Percent complete: 36.2%; Average loss: 2.9802  
Iteration: 1450; Percent complete: 36.2%; Average loss: 3.0128  
Iteration: 1451; Percent complete: 36.3%; Average loss: 2.9721  
Iteration: 1452; Percent complete: 36.3%; Average loss: 3.1234  
Iteration: 1453; Percent complete: 36.3%; Average loss: 2.9280  
Iteration: 1454; Percent complete: 36.4%; Average loss: 2.9682  
Iteration: 1455; Percent complete: 36.4%; Average loss: 2.6959  
Iteration: 1456; Percent complete: 36.4%; Average loss: 2.8644  
Iteration: 1457; Percent complete: 36.4%; Average loss: 3.1388  
Iteration: 1458; Percent complete: 36.4%; Average loss: 2.8213  
Iteration: 1459; Percent complete: 36.5%; Average loss: 2.8254  
Iteration: 1460; Percent complete: 36.5%; Average loss: 3.2761  
Iteration: 1461; Percent complete: 36.5%; Average loss: 2.8988  
Iteration: 1462; Percent complete: 36.5%; Average loss: 2.7525

Iteration: 1463; Percent complete: 36.6%; Average loss: 2.9061  
Iteration: 1464; Percent complete: 36.6%; Average loss: 2.9856  
Iteration: 1465; Percent complete: 36.6%; Average loss: 3.1167  
Iteration: 1466; Percent complete: 36.6%; Average loss: 2.8340  
Iteration: 1467; Percent complete: 36.7%; Average loss: 2.9104  
Iteration: 1468; Percent complete: 36.7%; Average loss: 2.9100  
Iteration: 1469; Percent complete: 36.7%; Average loss: 2.7959  
Iteration: 1470; Percent complete: 36.8%; Average loss: 2.8606  
Iteration: 1471; Percent complete: 36.8%; Average loss: 2.9420  
Iteration: 1472; Percent complete: 36.8%; Average loss: 2.8176  
Iteration: 1473; Percent complete: 36.8%; Average loss: 2.8778  
Iteration: 1474; Percent complete: 36.9%; Average loss: 3.0356  
Iteration: 1475; Percent complete: 36.9%; Average loss: 3.0635  
Iteration: 1476; Percent complete: 36.9%; Average loss: 2.7019  
Iteration: 1477; Percent complete: 36.9%; Average loss: 2.6839  
Iteration: 1478; Percent complete: 37.0%; Average loss: 3.1078  
Iteration: 1479; Percent complete: 37.0%; Average loss: 2.7156  
Iteration: 1480; Percent complete: 37.0%; Average loss: 3.0194  
Iteration: 1481; Percent complete: 37.0%; Average loss: 2.9388  
Iteration: 1482; Percent complete: 37.0%; Average loss: 2.8536  
Iteration: 1483; Percent complete: 37.1%; Average loss: 2.9776  
Iteration: 1484; Percent complete: 37.1%; Average loss: 2.8253  
Iteration: 1485; Percent complete: 37.1%; Average loss: 2.8690  
Iteration: 1486; Percent complete: 37.1%; Average loss: 2.8339  
Iteration: 1487; Percent complete: 37.2%; Average loss: 3.0473  
Iteration: 1488; Percent complete: 37.2%; Average loss: 2.8852  
Iteration: 1489; Percent complete: 37.2%; Average loss: 2.8645  
Iteration: 1490; Percent complete: 37.2%; Average loss: 2.8008  
Iteration: 1491; Percent complete: 37.3%; Average loss: 2.9494  
Iteration: 1492; Percent complete: 37.3%; Average loss: 3.1924  
Iteration: 1493; Percent complete: 37.3%; Average loss: 2.8714  
Iteration: 1494; Percent complete: 37.4%; Average loss: 2.9282  
Iteration: 1495; Percent complete: 37.4%; Average loss: 2.7165  
Iteration: 1496; Percent complete: 37.4%; Average loss: 2.9925  
Iteration: 1497; Percent complete: 37.4%; Average loss: 2.9057  
Iteration: 1498; Percent complete: 37.5%; Average loss: 3.0375  
Iteration: 1499; Percent complete: 37.5%; Average loss: 2.7929  
Iteration: 1500; Percent complete: 37.5%; Average loss: 2.9712  
Iteration: 1501; Percent complete: 37.5%; Average loss: 2.8063  
Iteration: 1502; Percent complete: 37.5%; Average loss: 2.8335  
Iteration: 1503; Percent complete: 37.6%; Average loss: 2.8555  
Iteration: 1504; Percent complete: 37.6%; Average loss: 2.7759  
Iteration: 1505; Percent complete: 37.6%; Average loss: 2.9528  
Iteration: 1506; Percent complete: 37.6%; Average loss: 2.9958  
Iteration: 1507; Percent complete: 37.7%; Average loss: 3.0665  
Iteration: 1508; Percent complete: 37.7%; Average loss: 3.0055  
Iteration: 1509; Percent complete: 37.7%; Average loss: 2.6472  
Iteration: 1510; Percent complete: 37.8%; Average loss: 2.6956  
Iteration: 1511; Percent complete: 37.8%; Average loss: 3.0402  
Iteration: 1512; Percent complete: 37.8%; Average loss: 3.0629  
Iteration: 1513; Percent complete: 37.8%; Average loss: 3.0337  
Iteration: 1514; Percent complete: 37.9%; Average loss: 3.2148  
Iteration: 1515; Percent complete: 37.9%; Average loss: 3.0688  
Iteration: 1516; Percent complete: 37.9%; Average loss: 2.6030  
Iteration: 1517; Percent complete: 37.9%; Average loss: 2.9738  
Iteration: 1518; Percent complete: 38.0%; Average loss: 2.9905  
Iteration: 1519; Percent complete: 38.0%; Average loss: 2.8071  
Iteration: 1520; Percent complete: 38.0%; Average loss: 2.5461  
Iteration: 1521; Percent complete: 38.0%; Average loss: 2.9596  
Iteration: 1522; Percent complete: 38.0%; Average loss: 2.9245  
Iteration: 1523; Percent complete: 38.1%; Average loss: 2.9969  
Iteration: 1524; Percent complete: 38.1%; Average loss: 2.8500  
Iteration: 1525; Percent complete: 38.1%; Average loss: 3.0969  
Iteration: 1526; Percent complete: 38.1%; Average loss: 2.7523  
Iteration: 1527; Percent complete: 38.2%; Average loss: 2.8887  
Iteration: 1528; Percent complete: 38.2%; Average loss: 2.7704  
Iteration: 1529; Percent complete: 38.2%; Average loss: 3.0880  
Iteration: 1530; Percent complete: 38.2%; Average loss: 2.9848  
Iteration: 1531; Percent complete: 38.3%; Average loss: 2.7673  
Iteration: 1532; Percent complete: 38.3%; Average loss: 2.8197  
Iteration: 1533; Percent complete: 38.3%; Average loss: 2.7683  
Iteration: 1534; Percent complete: 38.4%; Average loss: 3.0438  
Iteration: 1535; Percent complete: 38.4%; Average loss: 3.0040  
Iteration: 1536; Percent complete: 38.4%; Average loss: 2.6427  
Iteration: 1537; Percent complete: 38.4%; Average loss: 3.0084  
Iteration: 1538; Percent complete: 38.5%; Average loss: 2.9097  
Iteration: 1539; Percent complete: 38.5%; Average loss: 2.8960  
Iteration: 1540; Percent complete: 38.5%; Average loss: 2.9543  
Iteration: 1541; Percent complete: 38.5%; Average loss: 2.9745  
Iteration: 1542; Percent complete: 38.6%; Average loss: 2.9980  
Iteration: 1543; Percent complete: 38.6%; Average loss: 3.1902  
Iteration: 1544; Percent complete: 38.6%; Average loss: 2.8486  
Iteration: 1545; Percent complete: 38.6%; Average loss: 3.0765  
Iteration: 1546; Percent complete: 38.6%; Average loss: 3.1370  
Iteration: 1547; Percent complete: 38.7%; Average loss: 2.9653  
Iteration: 1548; Percent complete: 38.7%; Average loss: 2.8051  
Iteration: 1549; Percent complete: 38.7%; Average loss: 2.9242  
Iteration: 1550; Percent complete: 38.8%; Average loss: 3.0274  
Iteration: 1551; Percent complete: 38.8%; Average loss: 2.8768  
Iteration: 1552; Percent complete: 38.8%; Average loss: 2.9025  
Iteration: 1553; Percent complete: 38.8%; Average loss: 2.9126

Iteration: 1554; Percent complete: 38.9%; Average loss: 3.2067  
Iteration: 1555; Percent complete: 38.9%; Average loss: 2.9312  
Iteration: 1556; Percent complete: 38.9%; Average loss: 2.9815  
Iteration: 1557; Percent complete: 38.9%; Average loss: 3.0383  
Iteration: 1558; Percent complete: 39.0%; Average loss: 2.8158  
Iteration: 1559; Percent complete: 39.0%; Average loss: 2.6592  
Iteration: 1560; Percent complete: 39.0%; Average loss: 2.9929  
Iteration: 1561; Percent complete: 39.0%; Average loss: 2.6265  
Iteration: 1562; Percent complete: 39.1%; Average loss: 3.0893  
Iteration: 1563; Percent complete: 39.1%; Average loss: 3.0749  
Iteration: 1564; Percent complete: 39.1%; Average loss: 2.9605  
Iteration: 1565; Percent complete: 39.1%; Average loss: 2.7264  
Iteration: 1566; Percent complete: 39.1%; Average loss: 2.9468  
Iteration: 1567; Percent complete: 39.2%; Average loss: 2.7751  
Iteration: 1568; Percent complete: 39.2%; Average loss: 2.8812  
Iteration: 1569; Percent complete: 39.2%; Average loss: 2.8470  
Iteration: 1570; Percent complete: 39.2%; Average loss: 2.8686  
Iteration: 1571; Percent complete: 39.3%; Average loss: 2.6946  
Iteration: 1572; Percent complete: 39.3%; Average loss: 2.9953  
Iteration: 1573; Percent complete: 39.3%; Average loss: 2.9233  
Iteration: 1574; Percent complete: 39.4%; Average loss: 2.9102  
Iteration: 1575; Percent complete: 39.4%; Average loss: 3.1123  
Iteration: 1576; Percent complete: 39.4%; Average loss: 2.9713  
Iteration: 1577; Percent complete: 39.4%; Average loss: 2.7354  
Iteration: 1578; Percent complete: 39.5%; Average loss: 2.6394  
Iteration: 1579; Percent complete: 39.5%; Average loss: 2.9064  
Iteration: 1580; Percent complete: 39.5%; Average loss: 2.8161  
Iteration: 1581; Percent complete: 39.5%; Average loss: 2.9379  
Iteration: 1582; Percent complete: 39.6%; Average loss: 3.0310  
Iteration: 1583; Percent complete: 39.6%; Average loss: 2.8819  
Iteration: 1584; Percent complete: 39.6%; Average loss: 2.9144  
Iteration: 1585; Percent complete: 39.6%; Average loss: 3.0450  
Iteration: 1586; Percent complete: 39.6%; Average loss: 2.8306  
Iteration: 1587; Percent complete: 39.7%; Average loss: 2.9016  
Iteration: 1588; Percent complete: 39.7%; Average loss: 2.9164  
Iteration: 1589; Percent complete: 39.7%; Average loss: 2.9242  
Iteration: 1590; Percent complete: 39.8%; Average loss: 2.9215  
Iteration: 1591; Percent complete: 39.8%; Average loss: 2.8922  
Iteration: 1592; Percent complete: 39.8%; Average loss: 2.8593  
Iteration: 1593; Percent complete: 39.8%; Average loss: 2.8555  
Iteration: 1594; Percent complete: 39.9%; Average loss: 2.9704  
Iteration: 1595; Percent complete: 39.9%; Average loss: 2.7863  
Iteration: 1596; Percent complete: 39.9%; Average loss: 2.8985  
Iteration: 1597; Percent complete: 39.9%; Average loss: 2.8592  
Iteration: 1598; Percent complete: 40.0%; Average loss: 2.7544  
Iteration: 1599; Percent complete: 40.0%; Average loss: 2.9514  
Iteration: 1600; Percent complete: 40.0%; Average loss: 3.3162  
Iteration: 1601; Percent complete: 40.0%; Average loss: 3.0551  
Iteration: 1602; Percent complete: 40.1%; Average loss: 3.0724  
Iteration: 1603; Percent complete: 40.1%; Average loss: 2.9393  
Iteration: 1604; Percent complete: 40.1%; Average loss: 2.7335  
Iteration: 1605; Percent complete: 40.1%; Average loss: 3.3923  
Iteration: 1606; Percent complete: 40.2%; Average loss: 2.9116  
Iteration: 1607; Percent complete: 40.2%; Average loss: 2.9261  
Iteration: 1608; Percent complete: 40.2%; Average loss: 3.1383  
Iteration: 1609; Percent complete: 40.2%; Average loss: 2.9635  
Iteration: 1610; Percent complete: 40.2%; Average loss: 2.9534  
Iteration: 1611; Percent complete: 40.3%; Average loss: 3.0422  
Iteration: 1612; Percent complete: 40.3%; Average loss: 2.8083  
Iteration: 1613; Percent complete: 40.3%; Average loss: 2.8076  
Iteration: 1614; Percent complete: 40.4%; Average loss: 3.0078  
Iteration: 1615; Percent complete: 40.4%; Average loss: 2.7173  
Iteration: 1616; Percent complete: 40.4%; Average loss: 2.7942  
Iteration: 1617; Percent complete: 40.4%; Average loss: 2.8690  
Iteration: 1618; Percent complete: 40.5%; Average loss: 3.0663  
Iteration: 1619; Percent complete: 40.5%; Average loss: 2.8105  
Iteration: 1620; Percent complete: 40.5%; Average loss: 2.9653  
Iteration: 1621; Percent complete: 40.5%; Average loss: 2.8845  
Iteration: 1622; Percent complete: 40.6%; Average loss: 2.9657  
Iteration: 1623; Percent complete: 40.6%; Average loss: 3.1411  
Iteration: 1624; Percent complete: 40.6%; Average loss: 3.5633  
Iteration: 1625; Percent complete: 40.6%; Average loss: 2.9578  
Iteration: 1626; Percent complete: 40.6%; Average loss: 2.9825  
Iteration: 1627; Percent complete: 40.7%; Average loss: 2.6265  
Iteration: 1628; Percent complete: 40.7%; Average loss: 2.9312  
Iteration: 1629; Percent complete: 40.7%; Average loss: 3.1133  
Iteration: 1630; Percent complete: 40.8%; Average loss: 2.8454  
Iteration: 1631; Percent complete: 40.8%; Average loss: 3.0846  
Iteration: 1632; Percent complete: 40.8%; Average loss: 2.8822  
Iteration: 1633; Percent complete: 40.8%; Average loss: 2.7319  
Iteration: 1634; Percent complete: 40.8%; Average loss: 2.9462  
Iteration: 1635; Percent complete: 40.9%; Average loss: 2.8221  
Iteration: 1636; Percent complete: 40.9%; Average loss: 2.8595  
Iteration: 1637; Percent complete: 40.9%; Average loss: 3.0034  
Iteration: 1638; Percent complete: 40.9%; Average loss: 2.8867  
Iteration: 1639; Percent complete: 41.0%; Average loss: 2.8275  
Iteration: 1640; Percent complete: 41.0%; Average loss: 2.8873  
Iteration: 1641; Percent complete: 41.0%; Average loss: 2.9955  
Iteration: 1642; Percent complete: 41.0%; Average loss: 2.9096  
Iteration: 1643; Percent complete: 41.1%; Average loss: 2.7328  
Iteration: 1644; Percent complete: 41.1%; Average loss: 2.9681  
Iteration: 1645; Percent complete: 41.1%; Average loss: 2.7000

Iteration: 1645; Percent complete: 41.1%; Average loss: 2.7899  
Iteration: 1646; Percent complete: 41.1%; Average loss: 2.8400  
Iteration: 1647; Percent complete: 41.2%; Average loss: 3.1918  
Iteration: 1648; Percent complete: 41.2%; Average loss: 3.0076  
Iteration: 1649; Percent complete: 41.2%; Average loss: 2.7523  
Iteration: 1650; Percent complete: 41.2%; Average loss: 2.9222  
Iteration: 1651; Percent complete: 41.3%; Average loss: 2.8836  
Iteration: 1652; Percent complete: 41.3%; Average loss: 2.9063  
Iteration: 1653; Percent complete: 41.3%; Average loss: 2.6827  
Iteration: 1654; Percent complete: 41.3%; Average loss: 2.8600  
Iteration: 1655; Percent complete: 41.4%; Average loss: 3.2712  
Iteration: 1656; Percent complete: 41.4%; Average loss: 2.8995  
Iteration: 1657; Percent complete: 41.4%; Average loss: 2.6896  
Iteration: 1658; Percent complete: 41.4%; Average loss: 2.9680  
Iteration: 1659; Percent complete: 41.5%; Average loss: 2.6992  
Iteration: 1660; Percent complete: 41.5%; Average loss: 2.9085  
Iteration: 1661; Percent complete: 41.5%; Average loss: 3.0349  
Iteration: 1662; Percent complete: 41.5%; Average loss: 2.9274  
Iteration: 1663; Percent complete: 41.6%; Average loss: 2.7609  
Iteration: 1664; Percent complete: 41.6%; Average loss: 2.6163  
Iteration: 1665; Percent complete: 41.6%; Average loss: 3.0153  
Iteration: 1666; Percent complete: 41.6%; Average loss: 3.0380  
Iteration: 1667; Percent complete: 41.7%; Average loss: 3.1035  
Iteration: 1668; Percent complete: 41.7%; Average loss: 2.9508  
Iteration: 1669; Percent complete: 41.7%; Average loss: 2.6451  
Iteration: 1670; Percent complete: 41.8%; Average loss: 3.1054  
Iteration: 1671; Percent complete: 41.8%; Average loss: 3.1273  
Iteration: 1672; Percent complete: 41.8%; Average loss: 3.1894  
Iteration: 1673; Percent complete: 41.8%; Average loss: 2.8737  
Iteration: 1674; Percent complete: 41.9%; Average loss: 3.0833  
Iteration: 1675; Percent complete: 41.9%; Average loss: 2.8545  
Iteration: 1676; Percent complete: 41.9%; Average loss: 3.0768  
Iteration: 1677; Percent complete: 41.9%; Average loss: 2.7693  
Iteration: 1678; Percent complete: 41.9%; Average loss: 3.1801  
Iteration: 1679; Percent complete: 42.0%; Average loss: 2.8294  
Iteration: 1680; Percent complete: 42.0%; Average loss: 2.7383  
Iteration: 1681; Percent complete: 42.0%; Average loss: 2.9024  
Iteration: 1682; Percent complete: 42.0%; Average loss: 2.8560  
Iteration: 1683; Percent complete: 42.1%; Average loss: 2.8038  
Iteration: 1684; Percent complete: 42.1%; Average loss: 3.1972  
Iteration: 1685; Percent complete: 42.1%; Average loss: 2.9244  
Iteration: 1686; Percent complete: 42.1%; Average loss: 3.3007  
Iteration: 1687; Percent complete: 42.2%; Average loss: 2.8806  
Iteration: 1688; Percent complete: 42.2%; Average loss: 2.9447  
Iteration: 1689; Percent complete: 42.2%; Average loss: 2.9188  
Iteration: 1690; Percent complete: 42.2%; Average loss: 3.0062  
Iteration: 1691; Percent complete: 42.3%; Average loss: 2.8393  
Iteration: 1692; Percent complete: 42.3%; Average loss: 2.8141  
Iteration: 1693; Percent complete: 42.3%; Average loss: 3.1999  
Iteration: 1694; Percent complete: 42.4%; Average loss: 3.0386  
Iteration: 1695; Percent complete: 42.4%; Average loss: 2.9568  
Iteration: 1696; Percent complete: 42.4%; Average loss: 2.7665  
Iteration: 1697; Percent complete: 42.4%; Average loss: 2.7761  
Iteration: 1698; Percent complete: 42.4%; Average loss: 2.5868  
Iteration: 1699; Percent complete: 42.5%; Average loss: 2.7354  
Iteration: 1700; Percent complete: 42.5%; Average loss: 2.8918  
Iteration: 1701; Percent complete: 42.5%; Average loss: 2.9468  
Iteration: 1702; Percent complete: 42.5%; Average loss: 3.0690  
Iteration: 1703; Percent complete: 42.6%; Average loss: 2.9399  
Iteration: 1704; Percent complete: 42.6%; Average loss: 3.1503  
Iteration: 1705; Percent complete: 42.6%; Average loss: 3.2795  
Iteration: 1706; Percent complete: 42.6%; Average loss: 2.8786  
Iteration: 1707; Percent complete: 42.7%; Average loss: 2.8310  
Iteration: 1708; Percent complete: 42.7%; Average loss: 2.5910  
Iteration: 1709; Percent complete: 42.7%; Average loss: 2.8659  
Iteration: 1710; Percent complete: 42.8%; Average loss: 2.9818  
Iteration: 1711; Percent complete: 42.8%; Average loss: 2.9028  
Iteration: 1712; Percent complete: 42.8%; Average loss: 2.8612  
Iteration: 1713; Percent complete: 42.8%; Average loss: 2.8209  
Iteration: 1714; Percent complete: 42.9%; Average loss: 2.9403  
Iteration: 1715; Percent complete: 42.9%; Average loss: 2.9416  
Iteration: 1716; Percent complete: 42.9%; Average loss: 2.8253  
Iteration: 1717; Percent complete: 42.9%; Average loss: 2.6702  
Iteration: 1718; Percent complete: 43.0%; Average loss: 3.1896  
Iteration: 1719; Percent complete: 43.0%; Average loss: 2.8183  
Iteration: 1720; Percent complete: 43.0%; Average loss: 3.1057  
Iteration: 1721; Percent complete: 43.0%; Average loss: 2.9053  
Iteration: 1722; Percent complete: 43.0%; Average loss: 2.7933  
Iteration: 1723; Percent complete: 43.1%; Average loss: 2.6707  
Iteration: 1724; Percent complete: 43.1%; Average loss: 2.9114  
Iteration: 1725; Percent complete: 43.1%; Average loss: 2.8441  
Iteration: 1726; Percent complete: 43.1%; Average loss: 2.9204  
Iteration: 1727; Percent complete: 43.2%; Average loss: 2.9447  
Iteration: 1728; Percent complete: 43.2%; Average loss: 2.8540  
Iteration: 1729; Percent complete: 43.2%; Average loss: 2.7895  
Iteration: 1730; Percent complete: 43.2%; Average loss: 2.9097  
Iteration: 1731; Percent complete: 43.3%; Average loss: 2.9125  
Iteration: 1732; Percent complete: 43.3%; Average loss: 3.0126  
Iteration: 1733; Percent complete: 43.3%; Average loss: 2.8224  
Iteration: 1734; Percent complete: 43.4%; Average loss: 2.9056  
Iteration: 1735; Percent complete: 43.4%; Average loss: 2.8994  
Iteration: 1736; Percent complete: 43.4%; Average loss: 2.9874

Iteration: 1736; Percent complete: 43.4%; Average loss: 2.9574  
Iteration: 1737; Percent complete: 43.4%; Average loss: 2.9156  
Iteration: 1738; Percent complete: 43.5%; Average loss: 2.9152  
Iteration: 1739; Percent complete: 43.5%; Average loss: 2.9182  
Iteration: 1740; Percent complete: 43.5%; Average loss: 2.9601  
Iteration: 1741; Percent complete: 43.5%; Average loss: 3.2945  
Iteration: 1742; Percent complete: 43.5%; Average loss: 2.9369  
Iteration: 1743; Percent complete: 43.6%; Average loss: 2.8046  
Iteration: 1744; Percent complete: 43.6%; Average loss: 3.1037  
Iteration: 1745; Percent complete: 43.6%; Average loss: 2.8518  
Iteration: 1746; Percent complete: 43.6%; Average loss: 2.9378  
Iteration: 1747; Percent complete: 43.7%; Average loss: 3.0104  
Iteration: 1748; Percent complete: 43.7%; Average loss: 2.7622  
Iteration: 1749; Percent complete: 43.7%; Average loss: 2.7709  
Iteration: 1750; Percent complete: 43.8%; Average loss: 2.9564  
Iteration: 1751; Percent complete: 43.8%; Average loss: 2.8652  
Iteration: 1752; Percent complete: 43.8%; Average loss: 2.8399  
Iteration: 1753; Percent complete: 43.8%; Average loss: 2.8145  
Iteration: 1754; Percent complete: 43.9%; Average loss: 2.7758  
Iteration: 1755; Percent complete: 43.9%; Average loss: 2.6757  
Iteration: 1756; Percent complete: 43.9%; Average loss: 2.8263  
Iteration: 1757; Percent complete: 43.9%; Average loss: 3.0839  
Iteration: 1758; Percent complete: 44.0%; Average loss: 3.0377  
Iteration: 1759; Percent complete: 44.0%; Average loss: 2.8051  
Iteration: 1760; Percent complete: 44.0%; Average loss: 2.7135  
Iteration: 1761; Percent complete: 44.0%; Average loss: 3.0318  
Iteration: 1762; Percent complete: 44.0%; Average loss: 2.8504  
Iteration: 1763; Percent complete: 44.1%; Average loss: 2.9197  
Iteration: 1764; Percent complete: 44.1%; Average loss: 2.7588  
Iteration: 1765; Percent complete: 44.1%; Average loss: 2.6441  
Iteration: 1766; Percent complete: 44.1%; Average loss: 2.5349  
Iteration: 1767; Percent complete: 44.2%; Average loss: 2.9415  
Iteration: 1768; Percent complete: 44.2%; Average loss: 2.8281  
Iteration: 1769; Percent complete: 44.2%; Average loss: 2.8567  
Iteration: 1770; Percent complete: 44.2%; Average loss: 2.9976  
Iteration: 1771; Percent complete: 44.3%; Average loss: 3.0184  
Iteration: 1772; Percent complete: 44.3%; Average loss: 2.7108  
Iteration: 1773; Percent complete: 44.3%; Average loss: 3.0279  
Iteration: 1774; Percent complete: 44.4%; Average loss: 2.8379  
Iteration: 1775; Percent complete: 44.4%; Average loss: 2.8070  
Iteration: 1776; Percent complete: 44.4%; Average loss: 2.8721  
Iteration: 1777; Percent complete: 44.4%; Average loss: 2.9947  
Iteration: 1778; Percent complete: 44.5%; Average loss: 2.9387  
Iteration: 1779; Percent complete: 44.5%; Average loss: 2.8816  
Iteration: 1780; Percent complete: 44.5%; Average loss: 2.9750  
Iteration: 1781; Percent complete: 44.5%; Average loss: 3.0610  
Iteration: 1782; Percent complete: 44.5%; Average loss: 2.8725  
Iteration: 1783; Percent complete: 44.6%; Average loss: 2.6578  
Iteration: 1784; Percent complete: 44.6%; Average loss: 2.7859  
Iteration: 1785; Percent complete: 44.6%; Average loss: 3.0105  
Iteration: 1786; Percent complete: 44.6%; Average loss: 2.7688  
Iteration: 1787; Percent complete: 44.7%; Average loss: 2.7626  
Iteration: 1788; Percent complete: 44.7%; Average loss: 2.7436  
Iteration: 1789; Percent complete: 44.7%; Average loss: 3.0917  
Iteration: 1790; Percent complete: 44.8%; Average loss: 2.9544  
Iteration: 1791; Percent complete: 44.8%; Average loss: 2.9942  
Iteration: 1792; Percent complete: 44.8%; Average loss: 3.2134  
Iteration: 1793; Percent complete: 44.8%; Average loss: 2.8688  
Iteration: 1794; Percent complete: 44.9%; Average loss: 2.7125  
Iteration: 1795; Percent complete: 44.9%; Average loss: 2.7837  
Iteration: 1796; Percent complete: 44.9%; Average loss: 3.0612  
Iteration: 1797; Percent complete: 44.9%; Average loss: 2.6719  
Iteration: 1798; Percent complete: 45.0%; Average loss: 3.0859  
Iteration: 1799; Percent complete: 45.0%; Average loss: 2.9649  
Iteration: 1800; Percent complete: 45.0%; Average loss: 2.8315  
Iteration: 1801; Percent complete: 45.0%; Average loss: 2.8754  
Iteration: 1802; Percent complete: 45.1%; Average loss: 2.6878  
Iteration: 1803; Percent complete: 45.1%; Average loss: 2.7725  
Iteration: 1804; Percent complete: 45.1%; Average loss: 2.7852  
Iteration: 1805; Percent complete: 45.1%; Average loss: 2.9390  
Iteration: 1806; Percent complete: 45.1%; Average loss: 2.9806  
Iteration: 1807; Percent complete: 45.2%; Average loss: 2.9927  
Iteration: 1808; Percent complete: 45.2%; Average loss: 2.9274  
Iteration: 1809; Percent complete: 45.2%; Average loss: 2.7641  
Iteration: 1810; Percent complete: 45.2%; Average loss: 2.8714  
Iteration: 1811; Percent complete: 45.3%; Average loss: 2.9723  
Iteration: 1812; Percent complete: 45.3%; Average loss: 2.7684  
Iteration: 1813; Percent complete: 45.3%; Average loss: 2.8815  
Iteration: 1814; Percent complete: 45.4%; Average loss: 2.6235  
Iteration: 1815; Percent complete: 45.4%; Average loss: 2.7159  
Iteration: 1816; Percent complete: 45.4%; Average loss: 2.5725  
Iteration: 1817; Percent complete: 45.4%; Average loss: 2.7484  
Iteration: 1818; Percent complete: 45.5%; Average loss: 2.8615  
Iteration: 1819; Percent complete: 45.5%; Average loss: 2.8062  
Iteration: 1820; Percent complete: 45.5%; Average loss: 2.7443  
Iteration: 1821; Percent complete: 45.5%; Average loss: 2.7806  
Iteration: 1822; Percent complete: 45.6%; Average loss: 2.7841  
Iteration: 1823; Percent complete: 45.6%; Average loss: 2.8885  
Iteration: 1824; Percent complete: 45.6%; Average loss: 2.7430  
Iteration: 1825; Percent complete: 45.6%; Average loss: 2.7585  
Iteration: 1826; Percent complete: 45.6%; Average loss: 2.8014  
Iteration: 1827; Percent complete: 45.7%; Average loss: 2.7895

Iteration: 1828; Percent complete: 45.7%; Average loss: 2.6819  
Iteration: 1829; Percent complete: 45.7%; Average loss: 2.9278  
Iteration: 1830; Percent complete: 45.8%; Average loss: 2.7190  
Iteration: 1831; Percent complete: 45.8%; Average loss: 2.9697  
Iteration: 1832; Percent complete: 45.8%; Average loss: 3.2003  
Iteration: 1833; Percent complete: 45.8%; Average loss: 2.8392  
Iteration: 1834; Percent complete: 45.9%; Average loss: 3.0547  
Iteration: 1835; Percent complete: 45.9%; Average loss: 3.0015  
Iteration: 1836; Percent complete: 45.9%; Average loss: 2.4583  
Iteration: 1837; Percent complete: 45.9%; Average loss: 2.9397  
Iteration: 1838; Percent complete: 46.0%; Average loss: 2.8054  
Iteration: 1839; Percent complete: 46.0%; Average loss: 3.0766  
Iteration: 1840; Percent complete: 46.0%; Average loss: 3.0721  
Iteration: 1841; Percent complete: 46.0%; Average loss: 3.0001  
Iteration: 1842; Percent complete: 46.1%; Average loss: 3.0652  
Iteration: 1843; Percent complete: 46.1%; Average loss: 2.7834  
Iteration: 1844; Percent complete: 46.1%; Average loss: 2.7621  
Iteration: 1845; Percent complete: 46.1%; Average loss: 2.6875  
Iteration: 1846; Percent complete: 46.2%; Average loss: 2.9388  
Iteration: 1847; Percent complete: 46.2%; Average loss: 2.8373  
Iteration: 1848; Percent complete: 46.2%; Average loss: 2.8725  
Iteration: 1849; Percent complete: 46.2%; Average loss: 2.8115  
Iteration: 1850; Percent complete: 46.2%; Average loss: 2.8982  
Iteration: 1851; Percent complete: 46.3%; Average loss: 2.7656  
Iteration: 1852; Percent complete: 46.3%; Average loss: 2.7952  
Iteration: 1853; Percent complete: 46.3%; Average loss: 2.9005  
Iteration: 1854; Percent complete: 46.4%; Average loss: 2.8932  
Iteration: 1855; Percent complete: 46.4%; Average loss: 2.7567  
Iteration: 1856; Percent complete: 46.4%; Average loss: 2.7622  
Iteration: 1857; Percent complete: 46.4%; Average loss: 2.9395  
Iteration: 1858; Percent complete: 46.5%; Average loss: 2.7552  
Iteration: 1859; Percent complete: 46.5%; Average loss: 2.8008  
Iteration: 1860; Percent complete: 46.5%; Average loss: 2.7168  
Iteration: 1861; Percent complete: 46.5%; Average loss: 2.8596  
Iteration: 1862; Percent complete: 46.6%; Average loss: 2.8002  
Iteration: 1863; Percent complete: 46.6%; Average loss: 2.7568  
Iteration: 1864; Percent complete: 46.6%; Average loss: 3.2462  
Iteration: 1865; Percent complete: 46.6%; Average loss: 2.5148  
Iteration: 1866; Percent complete: 46.7%; Average loss: 2.6245  
Iteration: 1867; Percent complete: 46.7%; Average loss: 3.0803  
Iteration: 1868; Percent complete: 46.7%; Average loss: 2.7671  
Iteration: 1869; Percent complete: 46.7%; Average loss: 2.8594  
Iteration: 1870; Percent complete: 46.8%; Average loss: 2.9626  
Iteration: 1871; Percent complete: 46.8%; Average loss: 2.8284  
Iteration: 1872; Percent complete: 46.8%; Average loss: 2.9382  
Iteration: 1873; Percent complete: 46.8%; Average loss: 2.6801  
Iteration: 1874; Percent complete: 46.9%; Average loss: 2.8041  
Iteration: 1875; Percent complete: 46.9%; Average loss: 2.8338  
Iteration: 1876; Percent complete: 46.9%; Average loss: 2.9614  
Iteration: 1877; Percent complete: 46.9%; Average loss: 2.7388  
Iteration: 1878; Percent complete: 46.9%; Average loss: 2.7935  
Iteration: 1879; Percent complete: 47.0%; Average loss: 2.9943  
Iteration: 1880; Percent complete: 47.0%; Average loss: 2.7133  
Iteration: 1881; Percent complete: 47.0%; Average loss: 2.5572  
Iteration: 1882; Percent complete: 47.0%; Average loss: 2.7431  
Iteration: 1883; Percent complete: 47.1%; Average loss: 2.5167  
Iteration: 1884; Percent complete: 47.1%; Average loss: 2.7336  
Iteration: 1885; Percent complete: 47.1%; Average loss: 3.0939  
Iteration: 1886; Percent complete: 47.1%; Average loss: 2.9702  
Iteration: 1887; Percent complete: 47.2%; Average loss: 2.9670  
Iteration: 1888; Percent complete: 47.2%; Average loss: 2.8800  
Iteration: 1889; Percent complete: 47.2%; Average loss: 2.7325  
Iteration: 1890; Percent complete: 47.2%; Average loss: 2.7327  
Iteration: 1891; Percent complete: 47.3%; Average loss: 2.8424  
Iteration: 1892; Percent complete: 47.3%; Average loss: 3.3020  
Iteration: 1893; Percent complete: 47.3%; Average loss: 2.6846  
Iteration: 1894; Percent complete: 47.3%; Average loss: 3.0125  
Iteration: 1895; Percent complete: 47.4%; Average loss: 3.0800  
Iteration: 1896; Percent complete: 47.4%; Average loss: 2.9758  
Iteration: 1897; Percent complete: 47.4%; Average loss: 2.8203  
Iteration: 1898; Percent complete: 47.4%; Average loss: 2.8215  
Iteration: 1899; Percent complete: 47.5%; Average loss: 3.1674  
Iteration: 1900; Percent complete: 47.5%; Average loss: 2.7948  
Iteration: 1901; Percent complete: 47.5%; Average loss: 2.5909  
Iteration: 1902; Percent complete: 47.5%; Average loss: 2.7665  
Iteration: 1903; Percent complete: 47.6%; Average loss: 2.5220  
Iteration: 1904; Percent complete: 47.6%; Average loss: 2.8683  
Iteration: 1905; Percent complete: 47.6%; Average loss: 2.8816  
Iteration: 1906; Percent complete: 47.6%; Average loss: 2.8238  
Iteration: 1907; Percent complete: 47.7%; Average loss: 2.6772  
Iteration: 1908; Percent complete: 47.7%; Average loss: 2.8605  
Iteration: 1909; Percent complete: 47.7%; Average loss: 2.8488  
Iteration: 1910; Percent complete: 47.8%; Average loss: 3.1359  
Iteration: 1911; Percent complete: 47.8%; Average loss: 2.7952  
Iteration: 1912; Percent complete: 47.8%; Average loss: 2.6831  
Iteration: 1913; Percent complete: 47.8%; Average loss: 2.7589  
Iteration: 1914; Percent complete: 47.9%; Average loss: 2.6680  
Iteration: 1915; Percent complete: 47.9%; Average loss: 2.8512  
Iteration: 1916; Percent complete: 47.9%; Average loss: 2.9321  
Iteration: 1917; Percent complete: 47.9%; Average loss: 2.7602  
Iteration: 1918; Percent complete: 47.9%; Average loss: 2.8387

Iteration: 1919; Percent complete: 48.0%; Average loss: 2.6168  
Iteration: 1920; Percent complete: 48.0%; Average loss: 2.9067  
Iteration: 1921; Percent complete: 48.0%; Average loss: 2.9783  
Iteration: 1922; Percent complete: 48.0%; Average loss: 2.9577  
Iteration: 1923; Percent complete: 48.1%; Average loss: 2.9001  
Iteration: 1924; Percent complete: 48.1%; Average loss: 2.7140  
Iteration: 1925; Percent complete: 48.1%; Average loss: 2.7900  
Iteration: 1926; Percent complete: 48.1%; Average loss: 2.9280  
Iteration: 1927; Percent complete: 48.2%; Average loss: 2.7556  
Iteration: 1928; Percent complete: 48.2%; Average loss: 3.0232  
Iteration: 1929; Percent complete: 48.2%; Average loss: 2.8593  
Iteration: 1930; Percent complete: 48.2%; Average loss: 2.9287  
Iteration: 1931; Percent complete: 48.3%; Average loss: 2.7752  
Iteration: 1932; Percent complete: 48.3%; Average loss: 2.9060  
Iteration: 1933; Percent complete: 48.3%; Average loss: 2.9832  
Iteration: 1934; Percent complete: 48.4%; Average loss: 2.7312  
Iteration: 1935; Percent complete: 48.4%; Average loss: 2.8261  
Iteration: 1936; Percent complete: 48.4%; Average loss: 2.8148  
Iteration: 1937; Percent complete: 48.4%; Average loss: 2.9240  
Iteration: 1938; Percent complete: 48.4%; Average loss: 2.8233  
Iteration: 1939; Percent complete: 48.5%; Average loss: 2.8357  
Iteration: 1940; Percent complete: 48.5%; Average loss: 2.8459  
Iteration: 1941; Percent complete: 48.5%; Average loss: 2.6591  
Iteration: 1942; Percent complete: 48.5%; Average loss: 2.7465  
Iteration: 1943; Percent complete: 48.6%; Average loss: 3.0010  
Iteration: 1944; Percent complete: 48.6%; Average loss: 3.0063  
Iteration: 1945; Percent complete: 48.6%; Average loss: 2.7162  
Iteration: 1946; Percent complete: 48.6%; Average loss: 2.9575  
Iteration: 1947; Percent complete: 48.7%; Average loss: 2.8482  
Iteration: 1948; Percent complete: 48.7%; Average loss: 2.5330  
Iteration: 1949; Percent complete: 48.7%; Average loss: 2.8343  
Iteration: 1950; Percent complete: 48.8%; Average loss: 2.7451  
Iteration: 1951; Percent complete: 48.8%; Average loss: 2.8777  
Iteration: 1952; Percent complete: 48.8%; Average loss: 2.8957  
Iteration: 1953; Percent complete: 48.8%; Average loss: 3.0306  
Iteration: 1954; Percent complete: 48.9%; Average loss: 2.7826  
Iteration: 1955; Percent complete: 48.9%; Average loss: 2.8054  
Iteration: 1956; Percent complete: 48.9%; Average loss: 2.5932  
Iteration: 1957; Percent complete: 48.9%; Average loss: 2.8432  
Iteration: 1958; Percent complete: 48.9%; Average loss: 3.0047  
Iteration: 1959; Percent complete: 49.0%; Average loss: 2.7971  
Iteration: 1960; Percent complete: 49.0%; Average loss: 2.9848  
Iteration: 1961; Percent complete: 49.0%; Average loss: 2.9952  
Iteration: 1962; Percent complete: 49.0%; Average loss: 2.5685  
Iteration: 1963; Percent complete: 49.1%; Average loss: 2.7409  
Iteration: 1964; Percent complete: 49.1%; Average loss: 2.5445  
Iteration: 1965; Percent complete: 49.1%; Average loss: 2.6710  
Iteration: 1966; Percent complete: 49.1%; Average loss: 2.5607  
Iteration: 1967; Percent complete: 49.2%; Average loss: 2.8520  
Iteration: 1968; Percent complete: 49.2%; Average loss: 2.8338  
Iteration: 1969; Percent complete: 49.2%; Average loss: 2.6938  
Iteration: 1970; Percent complete: 49.2%; Average loss: 2.7723  
Iteration: 1971; Percent complete: 49.3%; Average loss: 2.7220  
Iteration: 1972; Percent complete: 49.3%; Average loss: 3.0568  
Iteration: 1973; Percent complete: 49.3%; Average loss: 2.8855  
Iteration: 1974; Percent complete: 49.4%; Average loss: 2.7325  
Iteration: 1975; Percent complete: 49.4%; Average loss: 2.7125  
Iteration: 1976; Percent complete: 49.4%; Average loss: 2.8649  
Iteration: 1977; Percent complete: 49.4%; Average loss: 2.6738  
Iteration: 1978; Percent complete: 49.5%; Average loss: 3.0060  
Iteration: 1979; Percent complete: 49.5%; Average loss: 2.8696  
Iteration: 1980; Percent complete: 49.5%; Average loss: 2.7696  
Iteration: 1981; Percent complete: 49.5%; Average loss: 3.0043  
Iteration: 1982; Percent complete: 49.5%; Average loss: 2.8046  
Iteration: 1983; Percent complete: 49.6%; Average loss: 2.5843  
Iteration: 1984; Percent complete: 49.6%; Average loss: 2.8520  
Iteration: 1985; Percent complete: 49.6%; Average loss: 2.7242  
Iteration: 1986; Percent complete: 49.6%; Average loss: 3.0067  
Iteration: 1987; Percent complete: 49.7%; Average loss: 3.0669  
Iteration: 1988; Percent complete: 49.7%; Average loss: 2.8453  
Iteration: 1989; Percent complete: 49.7%; Average loss: 2.5272  
Iteration: 1990; Percent complete: 49.8%; Average loss: 2.7132  
Iteration: 1991; Percent complete: 49.8%; Average loss: 3.0075  
Iteration: 1992; Percent complete: 49.8%; Average loss: 2.9748  
Iteration: 1993; Percent complete: 49.8%; Average loss: 2.9310  
Iteration: 1994; Percent complete: 49.9%; Average loss: 2.9541  
Iteration: 1995; Percent complete: 49.9%; Average loss: 2.7101  
Iteration: 1996; Percent complete: 49.9%; Average loss: 2.7144  
Iteration: 1997; Percent complete: 49.9%; Average loss: 2.4301  
Iteration: 1998; Percent complete: 50.0%; Average loss: 2.9193  
Iteration: 1999; Percent complete: 50.0%; Average loss: 2.9662  
Iteration: 2000; Percent complete: 50.0%; Average loss: 2.7633  
Iteration: 2001; Percent complete: 50.0%; Average loss: 2.9888  
Iteration: 2002; Percent complete: 50.0%; Average loss: 3.2778  
Iteration: 2003; Percent complete: 50.1%; Average loss: 2.9837  
Iteration: 2004; Percent complete: 50.1%; Average loss: 3.0581  
Iteration: 2005; Percent complete: 50.1%; Average loss: 2.7037  
Iteration: 2006; Percent complete: 50.1%; Average loss: 2.9653  
Iteration: 2007; Percent complete: 50.2%; Average loss: 2.7246  
Iteration: 2008; Percent complete: 50.2%; Average loss: 2.7049  
Iteration: 2009; Percent complete: 50.2%; Average loss: 2.7438  
Iteration: 2010; Percent complete: 50.2%; Average loss: 2.8731



Iteration: 2010; Percent complete: 50.2%; Average loss: 2.8721  
Iteration: 2011; Percent complete: 50.3%; Average loss: 2.5881  
Iteration: 2012; Percent complete: 50.3%; Average loss: 2.9308  
Iteration: 2013; Percent complete: 50.3%; Average loss: 3.1036  
Iteration: 2014; Percent complete: 50.3%; Average loss: 2.7511  
Iteration: 2015; Percent complete: 50.4%; Average loss: 2.7543  
Iteration: 2016; Percent complete: 50.4%; Average loss: 2.5936  
Iteration: 2017; Percent complete: 50.4%; Average loss: 3.0155  
Iteration: 2018; Percent complete: 50.4%; Average loss: 2.9364  
Iteration: 2019; Percent complete: 50.5%; Average loss: 2.6465  
Iteration: 2020; Percent complete: 50.5%; Average loss: 3.0782  
Iteration: 2021; Percent complete: 50.5%; Average loss: 2.6133  
Iteration: 2022; Percent complete: 50.5%; Average loss: 2.7878  
Iteration: 2023; Percent complete: 50.6%; Average loss: 2.9586  
Iteration: 2024; Percent complete: 50.6%; Average loss: 2.7733  
Iteration: 2025; Percent complete: 50.6%; Average loss: 2.9321  
Iteration: 2026; Percent complete: 50.6%; Average loss: 2.6206  
Iteration: 2027; Percent complete: 50.7%; Average loss: 2.8340  
Iteration: 2028; Percent complete: 50.7%; Average loss: 2.8071  
Iteration: 2029; Percent complete: 50.7%; Average loss: 2.7841  
Iteration: 2030; Percent complete: 50.7%; Average loss: 3.0006  
Iteration: 2031; Percent complete: 50.8%; Average loss: 2.7556  
Iteration: 2032; Percent complete: 50.8%; Average loss: 3.0607  
Iteration: 2033; Percent complete: 50.8%; Average loss: 2.7502  
Iteration: 2034; Percent complete: 50.8%; Average loss: 3.0279  
Iteration: 2035; Percent complete: 50.9%; Average loss: 2.9695  
Iteration: 2036; Percent complete: 50.9%; Average loss: 2.9585  
Iteration: 2037; Percent complete: 50.9%; Average loss: 2.7524  
Iteration: 2038; Percent complete: 50.9%; Average loss: 2.8644  
Iteration: 2039; Percent complete: 51.0%; Average loss: 2.6215  
Iteration: 2040; Percent complete: 51.0%; Average loss: 2.7700  
Iteration: 2041; Percent complete: 51.0%; Average loss: 2.7180  
Iteration: 2042; Percent complete: 51.0%; Average loss: 2.8031  
Iteration: 2043; Percent complete: 51.1%; Average loss: 2.7156  
Iteration: 2044; Percent complete: 51.1%; Average loss: 2.7152  
Iteration: 2045; Percent complete: 51.1%; Average loss: 2.4892  
Iteration: 2046; Percent complete: 51.1%; Average loss: 2.7551  
Iteration: 2047; Percent complete: 51.2%; Average loss: 2.6600  
Iteration: 2048; Percent complete: 51.2%; Average loss: 2.8696  
Iteration: 2049; Percent complete: 51.2%; Average loss: 2.8057  
Iteration: 2050; Percent complete: 51.2%; Average loss: 2.7946  
Iteration: 2051; Percent complete: 51.3%; Average loss: 2.5978  
Iteration: 2052; Percent complete: 51.3%; Average loss: 2.8000  
Iteration: 2053; Percent complete: 51.3%; Average loss: 2.7432  
Iteration: 2054; Percent complete: 51.3%; Average loss: 2.8222  
Iteration: 2055; Percent complete: 51.4%; Average loss: 2.6887  
Iteration: 2056; Percent complete: 51.4%; Average loss: 2.7292  
Iteration: 2057; Percent complete: 51.4%; Average loss: 2.8729  
Iteration: 2058; Percent complete: 51.4%; Average loss: 2.5726  
Iteration: 2059; Percent complete: 51.5%; Average loss: 2.5397  
Iteration: 2060; Percent complete: 51.5%; Average loss: 2.8531  
Iteration: 2061; Percent complete: 51.5%; Average loss: 2.6311  
Iteration: 2062; Percent complete: 51.5%; Average loss: 2.9571  
Iteration: 2063; Percent complete: 51.6%; Average loss: 2.7272  
Iteration: 2064; Percent complete: 51.6%; Average loss: 2.6692  
Iteration: 2065; Percent complete: 51.6%; Average loss: 2.8538  
Iteration: 2066; Percent complete: 51.6%; Average loss: 2.4028  
Iteration: 2067; Percent complete: 51.7%; Average loss: 2.7798  
Iteration: 2068; Percent complete: 51.7%; Average loss: 2.9485  
Iteration: 2069; Percent complete: 51.7%; Average loss: 2.5865  
Iteration: 2070; Percent complete: 51.7%; Average loss: 2.8419  
Iteration: 2071; Percent complete: 51.8%; Average loss: 2.4876  
Iteration: 2072; Percent complete: 51.8%; Average loss: 2.6844  
Iteration: 2073; Percent complete: 51.8%; Average loss: 2.9508  
Iteration: 2074; Percent complete: 51.8%; Average loss: 2.7784  
Iteration: 2075; Percent complete: 51.9%; Average loss: 2.7655  
Iteration: 2076; Percent complete: 51.9%; Average loss: 2.7621  
Iteration: 2077; Percent complete: 51.9%; Average loss: 2.8157  
Iteration: 2078; Percent complete: 51.9%; Average loss: 2.5664  
Iteration: 2079; Percent complete: 52.0%; Average loss: 3.0635  
Iteration: 2080; Percent complete: 52.0%; Average loss: 2.9151  
Iteration: 2081; Percent complete: 52.0%; Average loss: 2.6961  
Iteration: 2082; Percent complete: 52.0%; Average loss: 2.5508  
Iteration: 2083; Percent complete: 52.1%; Average loss: 2.6576  
Iteration: 2084; Percent complete: 52.1%; Average loss: 2.8876  
Iteration: 2085; Percent complete: 52.1%; Average loss: 2.9653  
Iteration: 2086; Percent complete: 52.1%; Average loss: 2.8244  
Iteration: 2087; Percent complete: 52.2%; Average loss: 2.8305  
Iteration: 2088; Percent complete: 52.2%; Average loss: 2.8607  
Iteration: 2089; Percent complete: 52.2%; Average loss: 2.6931  
Iteration: 2090; Percent complete: 52.2%; Average loss: 2.3142  
Iteration: 2091; Percent complete: 52.3%; Average loss: 2.8107  
Iteration: 2092; Percent complete: 52.3%; Average loss: 2.8056  
Iteration: 2093; Percent complete: 52.3%; Average loss: 3.0081  
Iteration: 2094; Percent complete: 52.3%; Average loss: 2.4797  
Iteration: 2095; Percent complete: 52.4%; Average loss: 2.7364  
Iteration: 2096; Percent complete: 52.4%; Average loss: 2.9047  
Iteration: 2097; Percent complete: 52.4%; Average loss: 2.6310  
Iteration: 2098; Percent complete: 52.4%; Average loss: 2.6443  
Iteration: 2099; Percent complete: 52.5%; Average loss: 2.8897  
Iteration: 2100; Percent complete: 52.5%; Average loss: 2.9229  
Iteration: 2101; Percent complete: 52.5%; Average loss: 2.8615

Iteration: 2101; Percent complete: 52.5%; Average loss: 2.5899  
Iteration: 2102; Percent complete: 52.5%; Average loss: 2.5899  
Iteration: 2103; Percent complete: 52.6%; Average loss: 2.9879  
Iteration: 2104; Percent complete: 52.6%; Average loss: 2.7107  
Iteration: 2105; Percent complete: 52.6%; Average loss: 2.9751  
Iteration: 2106; Percent complete: 52.6%; Average loss: 2.9122  
Iteration: 2107; Percent complete: 52.7%; Average loss: 2.9073  
Iteration: 2108; Percent complete: 52.7%; Average loss: 2.7776  
Iteration: 2109; Percent complete: 52.7%; Average loss: 3.0399  
Iteration: 2110; Percent complete: 52.8%; Average loss: 2.7545  
Iteration: 2111; Percent complete: 52.8%; Average loss: 2.8174  
Iteration: 2112; Percent complete: 52.8%; Average loss: 3.0285  
Iteration: 2113; Percent complete: 52.8%; Average loss: 2.9886  
Iteration: 2114; Percent complete: 52.8%; Average loss: 2.5485  
Iteration: 2115; Percent complete: 52.9%; Average loss: 2.8716  
Iteration: 2116; Percent complete: 52.9%; Average loss: 2.8563  
Iteration: 2117; Percent complete: 52.9%; Average loss: 2.7826  
Iteration: 2118; Percent complete: 52.9%; Average loss: 2.7833  
Iteration: 2119; Percent complete: 53.0%; Average loss: 2.8571  
Iteration: 2120; Percent complete: 53.0%; Average loss: 3.0628  
Iteration: 2121; Percent complete: 53.0%; Average loss: 2.8211  
Iteration: 2122; Percent complete: 53.0%; Average loss: 3.0315  
Iteration: 2123; Percent complete: 53.1%; Average loss: 2.6216  
Iteration: 2124; Percent complete: 53.1%; Average loss: 2.6732  
Iteration: 2125; Percent complete: 53.1%; Average loss: 2.6066  
Iteration: 2126; Percent complete: 53.1%; Average loss: 2.7777  
Iteration: 2127; Percent complete: 53.2%; Average loss: 2.7853  
Iteration: 2128; Percent complete: 53.2%; Average loss: 2.7002  
Iteration: 2129; Percent complete: 53.2%; Average loss: 2.7471  
Iteration: 2130; Percent complete: 53.2%; Average loss: 2.6101  
Iteration: 2131; Percent complete: 53.3%; Average loss: 2.9229  
Iteration: 2132; Percent complete: 53.3%; Average loss: 2.6771  
Iteration: 2133; Percent complete: 53.3%; Average loss: 2.8361  
Iteration: 2134; Percent complete: 53.3%; Average loss: 2.6265  
Iteration: 2135; Percent complete: 53.4%; Average loss: 2.8749  
Iteration: 2136; Percent complete: 53.4%; Average loss: 2.5029  
Iteration: 2137; Percent complete: 53.4%; Average loss: 2.6201  
Iteration: 2138; Percent complete: 53.4%; Average loss: 2.9624  
Iteration: 2139; Percent complete: 53.5%; Average loss: 2.7471  
Iteration: 2140; Percent complete: 53.5%; Average loss: 2.8526  
Iteration: 2141; Percent complete: 53.5%; Average loss: 2.6281  
Iteration: 2142; Percent complete: 53.5%; Average loss: 2.5887  
Iteration: 2143; Percent complete: 53.6%; Average loss: 3.2290  
Iteration: 2144; Percent complete: 53.6%; Average loss: 2.8492  
Iteration: 2145; Percent complete: 53.6%; Average loss: 2.7952  
Iteration: 2146; Percent complete: 53.6%; Average loss: 2.8775  
Iteration: 2147; Percent complete: 53.7%; Average loss: 2.9624  
Iteration: 2148; Percent complete: 53.7%; Average loss: 2.9639  
Iteration: 2149; Percent complete: 53.7%; Average loss: 2.4010  
Iteration: 2150; Percent complete: 53.8%; Average loss: 2.7138  
Iteration: 2151; Percent complete: 53.8%; Average loss: 2.7837  
Iteration: 2152; Percent complete: 53.8%; Average loss: 2.6620  
Iteration: 2153; Percent complete: 53.8%; Average loss: 2.7601  
Iteration: 2154; Percent complete: 53.8%; Average loss: 2.7899  
Iteration: 2155; Percent complete: 53.9%; Average loss: 2.8002  
Iteration: 2156; Percent complete: 53.9%; Average loss: 2.6247  
Iteration: 2157; Percent complete: 53.9%; Average loss: 2.8065  
Iteration: 2158; Percent complete: 53.9%; Average loss: 2.9465  
Iteration: 2159; Percent complete: 54.0%; Average loss: 2.6975  
Iteration: 2160; Percent complete: 54.0%; Average loss: 3.0261  
Iteration: 2161; Percent complete: 54.0%; Average loss: 2.9572  
Iteration: 2162; Percent complete: 54.0%; Average loss: 2.6271  
Iteration: 2163; Percent complete: 54.1%; Average loss: 3.0428  
Iteration: 2164; Percent complete: 54.1%; Average loss: 2.7261  
Iteration: 2165; Percent complete: 54.1%; Average loss: 2.7959  
Iteration: 2166; Percent complete: 54.1%; Average loss: 2.8278  
Iteration: 2167; Percent complete: 54.2%; Average loss: 2.3333  
Iteration: 2168; Percent complete: 54.2%; Average loss: 2.7507  
Iteration: 2169; Percent complete: 54.2%; Average loss: 2.5266  
Iteration: 2170; Percent complete: 54.2%; Average loss: 2.9597  
Iteration: 2171; Percent complete: 54.3%; Average loss: 2.6770  
Iteration: 2172; Percent complete: 54.3%; Average loss: 2.5761  
Iteration: 2173; Percent complete: 54.3%; Average loss: 3.0811  
Iteration: 2174; Percent complete: 54.4%; Average loss: 2.8778  
Iteration: 2175; Percent complete: 54.4%; Average loss: 2.9679  
Iteration: 2176; Percent complete: 54.4%; Average loss: 2.8359  
Iteration: 2177; Percent complete: 54.4%; Average loss: 2.7265  
Iteration: 2178; Percent complete: 54.4%; Average loss: 2.8173  
Iteration: 2179; Percent complete: 54.5%; Average loss: 2.7115  
Iteration: 2180; Percent complete: 54.5%; Average loss: 2.7690  
Iteration: 2181; Percent complete: 54.5%; Average loss: 2.5895  
Iteration: 2182; Percent complete: 54.5%; Average loss: 2.8666  
Iteration: 2183; Percent complete: 54.6%; Average loss: 2.8683  
Iteration: 2184; Percent complete: 54.6%; Average loss: 2.7799  
Iteration: 2185; Percent complete: 54.6%; Average loss: 2.7425  
Iteration: 2186; Percent complete: 54.6%; Average loss: 2.7595  
Iteration: 2187; Percent complete: 54.7%; Average loss: 2.8390  
Iteration: 2188; Percent complete: 54.7%; Average loss: 2.6298  
Iteration: 2189; Percent complete: 54.7%; Average loss: 2.4566  
Iteration: 2190; Percent complete: 54.8%; Average loss: 2.6464  
Iteration: 2191; Percent complete: 54.8%; Average loss: 2.6529  
Iteration: 2192; Percent complete: 54.8%; Average loss: 2.7301

Iteration: 2193; Percent complete: 54.8%; Average loss: 2.7290  
Iteration: 2194; Percent complete: 54.9%; Average loss: 2.9353  
Iteration: 2195; Percent complete: 54.9%; Average loss: 2.6817  
Iteration: 2196; Percent complete: 54.9%; Average loss: 2.6421  
Iteration: 2197; Percent complete: 54.9%; Average loss: 2.8880  
Iteration: 2198; Percent complete: 54.9%; Average loss: 2.7620  
Iteration: 2199; Percent complete: 55.0%; Average loss: 2.7675  
Iteration: 2200; Percent complete: 55.0%; Average loss: 2.8936  
Iteration: 2201; Percent complete: 55.0%; Average loss: 2.7605  
Iteration: 2202; Percent complete: 55.0%; Average loss: 3.0587  
Iteration: 2203; Percent complete: 55.1%; Average loss: 2.8674  
Iteration: 2204; Percent complete: 55.1%; Average loss: 2.8336  
Iteration: 2205; Percent complete: 55.1%; Average loss: 2.8642  
Iteration: 2206; Percent complete: 55.1%; Average loss: 3.0834  
Iteration: 2207; Percent complete: 55.2%; Average loss: 2.8015  
Iteration: 2208; Percent complete: 55.2%; Average loss: 3.2374  
Iteration: 2209; Percent complete: 55.2%; Average loss: 3.0656  
Iteration: 2210; Percent complete: 55.2%; Average loss: 2.8206  
Iteration: 2211; Percent complete: 55.3%; Average loss: 2.8335  
Iteration: 2212; Percent complete: 55.3%; Average loss: 2.5997  
Iteration: 2213; Percent complete: 55.3%; Average loss: 2.8390  
Iteration: 2214; Percent complete: 55.4%; Average loss: 2.6469  
Iteration: 2215; Percent complete: 55.4%; Average loss: 3.1031  
Iteration: 2216; Percent complete: 55.4%; Average loss: 2.8639  
Iteration: 2217; Percent complete: 55.4%; Average loss: 3.1674  
Iteration: 2218; Percent complete: 55.5%; Average loss: 2.7648  
Iteration: 2219; Percent complete: 55.5%; Average loss: 2.8477  
Iteration: 2220; Percent complete: 55.5%; Average loss: 2.7495  
Iteration: 2221; Percent complete: 55.5%; Average loss: 2.9604  
Iteration: 2222; Percent complete: 55.5%; Average loss: 3.0593  
Iteration: 2223; Percent complete: 55.6%; Average loss: 2.7414  
Iteration: 2224; Percent complete: 55.6%; Average loss: 2.7095  
Iteration: 2225; Percent complete: 55.6%; Average loss: 2.6504  
Iteration: 2226; Percent complete: 55.6%; Average loss: 2.9301  
Iteration: 2227; Percent complete: 55.7%; Average loss: 2.8906  
Iteration: 2228; Percent complete: 55.7%; Average loss: 2.6915  
Iteration: 2229; Percent complete: 55.7%; Average loss: 2.6655  
Iteration: 2230; Percent complete: 55.8%; Average loss: 2.6708  
Iteration: 2231; Percent complete: 55.8%; Average loss: 2.6428  
Iteration: 2232; Percent complete: 55.8%; Average loss: 2.8327  
Iteration: 2233; Percent complete: 55.8%; Average loss: 2.8654  
Iteration: 2234; Percent complete: 55.9%; Average loss: 2.7784  
Iteration: 2235; Percent complete: 55.9%; Average loss: 2.5348  
Iteration: 2236; Percent complete: 55.9%; Average loss: 2.6943  
Iteration: 2237; Percent complete: 55.9%; Average loss: 2.5014  
Iteration: 2238; Percent complete: 56.0%; Average loss: 2.8126  
Iteration: 2239; Percent complete: 56.0%; Average loss: 3.0508  
Iteration: 2240; Percent complete: 56.0%; Average loss: 2.7727  
Iteration: 2241; Percent complete: 56.0%; Average loss: 2.8314  
Iteration: 2242; Percent complete: 56.0%; Average loss: 2.9350  
Iteration: 2243; Percent complete: 56.1%; Average loss: 2.9045  
Iteration: 2244; Percent complete: 56.1%; Average loss: 2.6025  
Iteration: 2245; Percent complete: 56.1%; Average loss: 2.7057  
Iteration: 2246; Percent complete: 56.1%; Average loss: 2.7784  
Iteration: 2247; Percent complete: 56.2%; Average loss: 3.1635  
Iteration: 2248; Percent complete: 56.2%; Average loss: 3.0456  
Iteration: 2249; Percent complete: 56.2%; Average loss: 2.9484  
Iteration: 2250; Percent complete: 56.2%; Average loss: 2.8652  
Iteration: 2251; Percent complete: 56.3%; Average loss: 2.7919  
Iteration: 2252; Percent complete: 56.3%; Average loss: 2.6379  
Iteration: 2253; Percent complete: 56.3%; Average loss: 2.8005  
Iteration: 2254; Percent complete: 56.4%; Average loss: 2.5272  
Iteration: 2255; Percent complete: 56.4%; Average loss: 2.7917  
Iteration: 2256; Percent complete: 56.4%; Average loss: 2.7559  
Iteration: 2257; Percent complete: 56.4%; Average loss: 2.7860  
Iteration: 2258; Percent complete: 56.5%; Average loss: 2.7551  
Iteration: 2259; Percent complete: 56.5%; Average loss: 2.6512  
Iteration: 2260; Percent complete: 56.5%; Average loss: 2.7757  
Iteration: 2261; Percent complete: 56.5%; Average loss: 2.8829  
Iteration: 2262; Percent complete: 56.5%; Average loss: 2.5725  
Iteration: 2263; Percent complete: 56.6%; Average loss: 2.7551  
Iteration: 2264; Percent complete: 56.6%; Average loss: 2.5728  
Iteration: 2265; Percent complete: 56.6%; Average loss: 2.7453  
Iteration: 2266; Percent complete: 56.6%; Average loss: 2.6585  
Iteration: 2267; Percent complete: 56.7%; Average loss: 2.7593  
Iteration: 2268; Percent complete: 56.7%; Average loss: 2.6679  
Iteration: 2269; Percent complete: 56.7%; Average loss: 2.7352  
Iteration: 2270; Percent complete: 56.8%; Average loss: 2.7008  
Iteration: 2271; Percent complete: 56.8%; Average loss: 2.9158  
Iteration: 2272; Percent complete: 56.8%; Average loss: 2.6898  
Iteration: 2273; Percent complete: 56.8%; Average loss: 2.9228  
Iteration: 2274; Percent complete: 56.9%; Average loss: 2.7606  
Iteration: 2275; Percent complete: 56.9%; Average loss: 2.8104  
Iteration: 2276; Percent complete: 56.9%; Average loss: 2.7664  
Iteration: 2277; Percent complete: 56.9%; Average loss: 3.0824  
Iteration: 2278; Percent complete: 57.0%; Average loss: 2.7411  
Iteration: 2279; Percent complete: 57.0%; Average loss: 2.7401  
Iteration: 2280; Percent complete: 57.0%; Average loss: 2.7745  
Iteration: 2281; Percent complete: 57.0%; Average loss: 3.0172  
Iteration: 2282; Percent complete: 57.0%; Average loss: 2.8452  
Iteration: 2283; Percent complete: 57.1%; Average loss: 2.8015

Iteration: 2284; Percent complete: 57.1%; Average loss: 2.8536  
Iteration: 2285; Percent complete: 57.1%; Average loss: 2.6976  
Iteration: 2286; Percent complete: 57.1%; Average loss: 2.8476  
Iteration: 2287; Percent complete: 57.2%; Average loss: 2.5456  
Iteration: 2288; Percent complete: 57.2%; Average loss: 2.7938  
Iteration: 2289; Percent complete: 57.2%; Average loss: 2.9387  
Iteration: 2290; Percent complete: 57.2%; Average loss: 2.7308  
Iteration: 2291; Percent complete: 57.3%; Average loss: 2.6251  
Iteration: 2292; Percent complete: 57.3%; Average loss: 2.5740  
Iteration: 2293; Percent complete: 57.3%; Average loss: 2.8027  
Iteration: 2294; Percent complete: 57.4%; Average loss: 2.6612  
Iteration: 2295; Percent complete: 57.4%; Average loss: 2.8743  
Iteration: 2296; Percent complete: 57.4%; Average loss: 2.8181  
Iteration: 2297; Percent complete: 57.4%; Average loss: 2.7565  
Iteration: 2298; Percent complete: 57.5%; Average loss: 2.9057  
Iteration: 2299; Percent complete: 57.5%; Average loss: 2.7087  
Iteration: 2300; Percent complete: 57.5%; Average loss: 2.8416  
Iteration: 2301; Percent complete: 57.5%; Average loss: 2.9188  
Iteration: 2302; Percent complete: 57.6%; Average loss: 2.8959  
Iteration: 2303; Percent complete: 57.6%; Average loss: 2.6282  
Iteration: 2304; Percent complete: 57.6%; Average loss: 2.6768  
Iteration: 2305; Percent complete: 57.6%; Average loss: 2.7120  
Iteration: 2306; Percent complete: 57.6%; Average loss: 2.7982  
Iteration: 2307; Percent complete: 57.7%; Average loss: 2.8121  
Iteration: 2308; Percent complete: 57.7%; Average loss: 2.5179  
Iteration: 2309; Percent complete: 57.7%; Average loss: 2.7602  
Iteration: 2310; Percent complete: 57.8%; Average loss: 2.7080  
Iteration: 2311; Percent complete: 57.8%; Average loss: 2.8553  
Iteration: 2312; Percent complete: 57.8%; Average loss: 2.6729  
Iteration: 2313; Percent complete: 57.8%; Average loss: 2.8495  
Iteration: 2314; Percent complete: 57.9%; Average loss: 2.8772  
Iteration: 2315; Percent complete: 57.9%; Average loss: 2.6417  
Iteration: 2316; Percent complete: 57.9%; Average loss: 2.6922  
Iteration: 2317; Percent complete: 57.9%; Average loss: 2.7617  
Iteration: 2318; Percent complete: 58.0%; Average loss: 2.9377  
Iteration: 2319; Percent complete: 58.0%; Average loss: 2.7841  
Iteration: 2320; Percent complete: 58.0%; Average loss: 2.8296  
Iteration: 2321; Percent complete: 58.0%; Average loss: 2.7881  
Iteration: 2322; Percent complete: 58.1%; Average loss: 2.8231  
Iteration: 2323; Percent complete: 58.1%; Average loss: 2.6862  
Iteration: 2324; Percent complete: 58.1%; Average loss: 2.6798  
Iteration: 2325; Percent complete: 58.1%; Average loss: 2.8945  
Iteration: 2326; Percent complete: 58.1%; Average loss: 2.7830  
Iteration: 2327; Percent complete: 58.2%; Average loss: 2.8047  
Iteration: 2328; Percent complete: 58.2%; Average loss: 2.9072  
Iteration: 2329; Percent complete: 58.2%; Average loss: 2.8550  
Iteration: 2330; Percent complete: 58.2%; Average loss: 2.7960  
Iteration: 2331; Percent complete: 58.3%; Average loss: 2.5890  
Iteration: 2332; Percent complete: 58.3%; Average loss: 2.9604  
Iteration: 2333; Percent complete: 58.3%; Average loss: 2.5386  
Iteration: 2334; Percent complete: 58.4%; Average loss: 2.8251  
Iteration: 2335; Percent complete: 58.4%; Average loss: 2.8744  
Iteration: 2336; Percent complete: 58.4%; Average loss: 2.7771  
Iteration: 2337; Percent complete: 58.4%; Average loss: 2.9050  
Iteration: 2338; Percent complete: 58.5%; Average loss: 2.7301  
Iteration: 2339; Percent complete: 58.5%; Average loss: 2.7790  
Iteration: 2340; Percent complete: 58.5%; Average loss: 2.4909  
Iteration: 2341; Percent complete: 58.5%; Average loss: 2.5978  
Iteration: 2342; Percent complete: 58.6%; Average loss: 2.9455  
Iteration: 2343; Percent complete: 58.6%; Average loss: 2.6738  
Iteration: 2344; Percent complete: 58.6%; Average loss: 2.8670  
Iteration: 2345; Percent complete: 58.6%; Average loss: 2.6854  
Iteration: 2346; Percent complete: 58.7%; Average loss: 2.6026  
Iteration: 2347; Percent complete: 58.7%; Average loss: 2.7369  
Iteration: 2348; Percent complete: 58.7%; Average loss: 2.5625  
Iteration: 2349; Percent complete: 58.7%; Average loss: 2.8440  
Iteration: 2350; Percent complete: 58.8%; Average loss: 2.7400  
Iteration: 2351; Percent complete: 58.8%; Average loss: 2.7731  
Iteration: 2352; Percent complete: 58.8%; Average loss: 2.5685  
Iteration: 2353; Percent complete: 58.8%; Average loss: 2.6300  
Iteration: 2354; Percent complete: 58.9%; Average loss: 2.7795  
Iteration: 2355; Percent complete: 58.9%; Average loss: 2.8039  
Iteration: 2356; Percent complete: 58.9%; Average loss: 2.7061  
Iteration: 2357; Percent complete: 58.9%; Average loss: 2.5002  
Iteration: 2358; Percent complete: 59.0%; Average loss: 2.7104  
Iteration: 2359; Percent complete: 59.0%; Average loss: 2.8849  
Iteration: 2360; Percent complete: 59.0%; Average loss: 3.0679  
Iteration: 2361; Percent complete: 59.0%; Average loss: 2.4822  
Iteration: 2362; Percent complete: 59.1%; Average loss: 2.6605  
Iteration: 2363; Percent complete: 59.1%; Average loss: 2.6133  
Iteration: 2364; Percent complete: 59.1%; Average loss: 2.6734  
Iteration: 2365; Percent complete: 59.1%; Average loss: 2.4685  
Iteration: 2366; Percent complete: 59.2%; Average loss: 2.6641  
Iteration: 2367; Percent complete: 59.2%; Average loss: 2.9612  
Iteration: 2368; Percent complete: 59.2%; Average loss: 2.6654  
Iteration: 2369; Percent complete: 59.2%; Average loss: 2.5549  
Iteration: 2370; Percent complete: 59.2%; Average loss: 2.6532  
Iteration: 2371; Percent complete: 59.3%; Average loss: 3.0154  
Iteration: 2372; Percent complete: 59.3%; Average loss: 2.4736  
Iteration: 2373; Percent complete: 59.3%; Average loss: 3.0151  
Iteration: 2374; Percent complete: 59.4%; Average loss: 2.6999  
Iteration: 2375; Percent complete: 59.4%; Average loss: 2.7855

Iteration: 2375; Percent complete: 59.4%; Average loss: 2.7855  
Iteration: 2376; Percent complete: 59.4%; Average loss: 2.5284  
Iteration: 2377; Percent complete: 59.4%; Average loss: 2.6355  
Iteration: 2378; Percent complete: 59.5%; Average loss: 2.6118  
Iteration: 2379; Percent complete: 59.5%; Average loss: 2.9191  
Iteration: 2380; Percent complete: 59.5%; Average loss: 2.9200  
Iteration: 2381; Percent complete: 59.5%; Average loss: 2.8796  
Iteration: 2382; Percent complete: 59.6%; Average loss: 2.8605  
Iteration: 2383; Percent complete: 59.6%; Average loss: 2.7070  
Iteration: 2384; Percent complete: 59.6%; Average loss: 2.8289  
Iteration: 2385; Percent complete: 59.6%; Average loss: 2.9291  
Iteration: 2386; Percent complete: 59.7%; Average loss: 2.5794  
Iteration: 2387; Percent complete: 59.7%; Average loss: 2.4157  
Iteration: 2388; Percent complete: 59.7%; Average loss: 2.6934  
Iteration: 2389; Percent complete: 59.7%; Average loss: 2.8185  
Iteration: 2390; Percent complete: 59.8%; Average loss: 2.6134  
Iteration: 2391; Percent complete: 59.8%; Average loss: 2.9670  
Iteration: 2392; Percent complete: 59.8%; Average loss: 2.8357  
Iteration: 2393; Percent complete: 59.8%; Average loss: 2.8311  
Iteration: 2394; Percent complete: 59.9%; Average loss: 2.7100  
Iteration: 2395; Percent complete: 59.9%; Average loss: 2.8347  
Iteration: 2396; Percent complete: 59.9%; Average loss: 2.8542  
Iteration: 2397; Percent complete: 59.9%; Average loss: 2.8943  
Iteration: 2398; Percent complete: 60.0%; Average loss: 2.7157  
Iteration: 2399; Percent complete: 60.0%; Average loss: 2.5252  
Iteration: 2400; Percent complete: 60.0%; Average loss: 2.5349  
Iteration: 2401; Percent complete: 60.0%; Average loss: 2.7329  
Iteration: 2402; Percent complete: 60.1%; Average loss: 2.7198  
Iteration: 2403; Percent complete: 60.1%; Average loss: 2.7885  
Iteration: 2404; Percent complete: 60.1%; Average loss: 2.7598  
Iteration: 2405; Percent complete: 60.1%; Average loss: 2.5198  
Iteration: 2406; Percent complete: 60.2%; Average loss: 2.6485  
Iteration: 2407; Percent complete: 60.2%; Average loss: 2.8762  
Iteration: 2408; Percent complete: 60.2%; Average loss: 2.6996  
Iteration: 2409; Percent complete: 60.2%; Average loss: 2.7290  
Iteration: 2410; Percent complete: 60.2%; Average loss: 2.6996  
Iteration: 2411; Percent complete: 60.3%; Average loss: 2.5368  
Iteration: 2412; Percent complete: 60.3%; Average loss: 2.6400  
Iteration: 2413; Percent complete: 60.3%; Average loss: 2.7941  
Iteration: 2414; Percent complete: 60.4%; Average loss: 3.1691  
Iteration: 2415; Percent complete: 60.4%; Average loss: 2.7250  
Iteration: 2416; Percent complete: 60.4%; Average loss: 3.0056  
Iteration: 2417; Percent complete: 60.4%; Average loss: 2.9412  
Iteration: 2418; Percent complete: 60.5%; Average loss: 2.6408  
Iteration: 2419; Percent complete: 60.5%; Average loss: 2.7305  
Iteration: 2420; Percent complete: 60.5%; Average loss: 2.5875  
Iteration: 2421; Percent complete: 60.5%; Average loss: 2.8251  
Iteration: 2422; Percent complete: 60.6%; Average loss: 2.7840  
Iteration: 2423; Percent complete: 60.6%; Average loss: 2.6494  
Iteration: 2424; Percent complete: 60.6%; Average loss: 2.7693  
Iteration: 2425; Percent complete: 60.6%; Average loss: 3.0805  
Iteration: 2426; Percent complete: 60.7%; Average loss: 2.6106  
Iteration: 2427; Percent complete: 60.7%; Average loss: 2.6027  
Iteration: 2428; Percent complete: 60.7%; Average loss: 2.7243  
Iteration: 2429; Percent complete: 60.7%; Average loss: 2.6808  
Iteration: 2430; Percent complete: 60.8%; Average loss: 2.6448  
Iteration: 2431; Percent complete: 60.8%; Average loss: 2.5306  
Iteration: 2432; Percent complete: 60.8%; Average loss: 2.6805  
Iteration: 2433; Percent complete: 60.8%; Average loss: 2.6056  
Iteration: 2434; Percent complete: 60.9%; Average loss: 2.5991  
Iteration: 2435; Percent complete: 60.9%; Average loss: 2.4619  
Iteration: 2436; Percent complete: 60.9%; Average loss: 2.7170  
Iteration: 2437; Percent complete: 60.9%; Average loss: 2.6050  
Iteration: 2438; Percent complete: 61.0%; Average loss: 2.5016  
Iteration: 2439; Percent complete: 61.0%; Average loss: 2.3923  
Iteration: 2440; Percent complete: 61.0%; Average loss: 2.8175  
Iteration: 2441; Percent complete: 61.0%; Average loss: 2.6582  
Iteration: 2442; Percent complete: 61.1%; Average loss: 2.6699  
Iteration: 2443; Percent complete: 61.1%; Average loss: 2.7044  
Iteration: 2444; Percent complete: 61.1%; Average loss: 2.6493  
Iteration: 2445; Percent complete: 61.1%; Average loss: 2.5026  
Iteration: 2446; Percent complete: 61.2%; Average loss: 2.5867  
Iteration: 2447; Percent complete: 61.2%; Average loss: 2.8371  
Iteration: 2448; Percent complete: 61.2%; Average loss: 2.7632  
Iteration: 2449; Percent complete: 61.2%; Average loss: 2.3952  
Iteration: 2450; Percent complete: 61.3%; Average loss: 2.6037  
Iteration: 2451; Percent complete: 61.3%; Average loss: 2.5505  
Iteration: 2452; Percent complete: 61.3%; Average loss: 2.8581  
Iteration: 2453; Percent complete: 61.3%; Average loss: 2.6518  
Iteration: 2454; Percent complete: 61.4%; Average loss: 3.0637  
Iteration: 2455; Percent complete: 61.4%; Average loss: 2.5513  
Iteration: 2456; Percent complete: 61.4%; Average loss: 2.7969  
Iteration: 2457; Percent complete: 61.4%; Average loss: 2.7459  
Iteration: 2458; Percent complete: 61.5%; Average loss: 2.7468  
Iteration: 2459; Percent complete: 61.5%; Average loss: 2.6998  
Iteration: 2460; Percent complete: 61.5%; Average loss: 2.7445  
Iteration: 2461; Percent complete: 61.5%; Average loss: 2.6686  
Iteration: 2462; Percent complete: 61.6%; Average loss: 2.8283  
Iteration: 2463; Percent complete: 61.6%; Average loss: 2.8568  
Iteration: 2464; Percent complete: 61.6%; Average loss: 2.5955  
Iteration: 2465; Percent complete: 61.6%; Average loss: 2.6282  
Iteration: 2466; Percent complete: 61.7%; Average loss: 2.6246

Iteration: 2468; Percent complete: 61.7%; Average loss: 2.7044  
Iteration: 2467; Percent complete: 61.7%; Average loss: 2.7682  
Iteration: 2469; Percent complete: 61.7%; Average loss: 2.8519  
Iteration: 2470; Percent complete: 61.8%; Average loss: 2.7123  
Iteration: 2471; Percent complete: 61.8%; Average loss: 2.6455  
Iteration: 2472; Percent complete: 61.8%; Average loss: 2.7834  
Iteration: 2473; Percent complete: 61.8%; Average loss: 2.7094  
Iteration: 2474; Percent complete: 61.9%; Average loss: 2.4231  
Iteration: 2475; Percent complete: 61.9%; Average loss: 2.6018  
Iteration: 2476; Percent complete: 61.9%; Average loss: 2.8324  
Iteration: 2477; Percent complete: 61.9%; Average loss: 2.5301  
Iteration: 2478; Percent complete: 62.0%; Average loss: 2.7095  
Iteration: 2479; Percent complete: 62.0%; Average loss: 2.8287  
Iteration: 2480; Percent complete: 62.0%; Average loss: 2.5629  
Iteration: 2481; Percent complete: 62.0%; Average loss: 2.6808  
Iteration: 2482; Percent complete: 62.1%; Average loss: 2.7141  
Iteration: 2483; Percent complete: 62.1%; Average loss: 2.9931  
Iteration: 2484; Percent complete: 62.1%; Average loss: 2.6238  
Iteration: 2485; Percent complete: 62.1%; Average loss: 2.6981  
Iteration: 2486; Percent complete: 62.2%; Average loss: 2.8224  
Iteration: 2487; Percent complete: 62.2%; Average loss: 2.6532  
Iteration: 2488; Percent complete: 62.2%; Average loss: 2.7598  
Iteration: 2489; Percent complete: 62.2%; Average loss: 2.5910  
Iteration: 2490; Percent complete: 62.3%; Average loss: 2.6467  
Iteration: 2491; Percent complete: 62.3%; Average loss: 2.5172  
Iteration: 2492; Percent complete: 62.3%; Average loss: 2.7843  
Iteration: 2493; Percent complete: 62.3%; Average loss: 2.6320  
Iteration: 2494; Percent complete: 62.4%; Average loss: 2.9033  
Iteration: 2495; Percent complete: 62.4%; Average loss: 2.5939  
Iteration: 2496; Percent complete: 62.4%; Average loss: 2.8981  
Iteration: 2497; Percent complete: 62.4%; Average loss: 3.0414  
Iteration: 2498; Percent complete: 62.5%; Average loss: 2.7332  
Iteration: 2499; Percent complete: 62.5%; Average loss: 2.8024  
Iteration: 2500; Percent complete: 62.5%; Average loss: 2.9098  
Iteration: 2501; Percent complete: 62.5%; Average loss: 2.7288  
Iteration: 2502; Percent complete: 62.5%; Average loss: 2.7990  
Iteration: 2503; Percent complete: 62.6%; Average loss: 2.9399  
Iteration: 2504; Percent complete: 62.6%; Average loss: 2.9405  
Iteration: 2505; Percent complete: 62.6%; Average loss: 2.4040  
Iteration: 2506; Percent complete: 62.6%; Average loss: 2.8936  
Iteration: 2507; Percent complete: 62.7%; Average loss: 3.1953  
Iteration: 2508; Percent complete: 62.7%; Average loss: 2.6332  
Iteration: 2509; Percent complete: 62.7%; Average loss: 2.5821  
Iteration: 2510; Percent complete: 62.7%; Average loss: 2.5292  
Iteration: 2511; Percent complete: 62.8%; Average loss: 2.7510  
Iteration: 2512; Percent complete: 62.8%; Average loss: 2.6478  
Iteration: 2513; Percent complete: 62.8%; Average loss: 3.1416  
Iteration: 2514; Percent complete: 62.8%; Average loss: 2.7384  
Iteration: 2515; Percent complete: 62.9%; Average loss: 2.8002  
Iteration: 2516; Percent complete: 62.9%; Average loss: 2.8032  
Iteration: 2517; Percent complete: 62.9%; Average loss: 2.5232  
Iteration: 2518; Percent complete: 62.9%; Average loss: 2.8481  
Iteration: 2519; Percent complete: 63.0%; Average loss: 2.7472  
Iteration: 2520; Percent complete: 63.0%; Average loss: 2.5937  
Iteration: 2521; Percent complete: 63.0%; Average loss: 2.5645  
Iteration: 2522; Percent complete: 63.0%; Average loss: 2.5897  
Iteration: 2523; Percent complete: 63.1%; Average loss: 2.6468  
Iteration: 2524; Percent complete: 63.1%; Average loss: 2.9261  
Iteration: 2525; Percent complete: 63.1%; Average loss: 2.6592  
Iteration: 2526; Percent complete: 63.1%; Average loss: 2.7713  
Iteration: 2527; Percent complete: 63.2%; Average loss: 2.3251  
Iteration: 2528; Percent complete: 63.2%; Average loss: 2.7244  
Iteration: 2529; Percent complete: 63.2%; Average loss: 2.7168  
Iteration: 2530; Percent complete: 63.2%; Average loss: 2.7445  
Iteration: 2531; Percent complete: 63.3%; Average loss: 2.8931  
Iteration: 2532; Percent complete: 63.3%; Average loss: 2.8300  
Iteration: 2533; Percent complete: 63.3%; Average loss: 2.3190  
Iteration: 2534; Percent complete: 63.3%; Average loss: 2.6135  
Iteration: 2535; Percent complete: 63.4%; Average loss: 2.7135  
Iteration: 2536; Percent complete: 63.4%; Average loss: 2.6492  
Iteration: 2537; Percent complete: 63.4%; Average loss: 2.7653  
Iteration: 2538; Percent complete: 63.4%; Average loss: 2.6838  
Iteration: 2539; Percent complete: 63.5%; Average loss: 2.4546  
Iteration: 2540; Percent complete: 63.5%; Average loss: 2.7631  
Iteration: 2541; Percent complete: 63.5%; Average loss: 2.7139  
Iteration: 2542; Percent complete: 63.5%; Average loss: 2.9155  
Iteration: 2543; Percent complete: 63.6%; Average loss: 2.5210  
Iteration: 2544; Percent complete: 63.6%; Average loss: 2.5777  
Iteration: 2545; Percent complete: 63.6%; Average loss: 2.6297  
Iteration: 2546; Percent complete: 63.6%; Average loss: 2.5994  
Iteration: 2547; Percent complete: 63.7%; Average loss: 2.5167  
Iteration: 2548; Percent complete: 63.7%; Average loss: 2.9382  
Iteration: 2549; Percent complete: 63.7%; Average loss: 2.6563  
Iteration: 2550; Percent complete: 63.7%; Average loss: 2.5983  
Iteration: 2551; Percent complete: 63.8%; Average loss: 2.7631  
Iteration: 2552; Percent complete: 63.8%; Average loss: 2.7725  
Iteration: 2553; Percent complete: 63.8%; Average loss: 2.3584  
Iteration: 2554; Percent complete: 63.8%; Average loss: 2.6661  
Iteration: 2555; Percent complete: 63.9%; Average loss: 2.5370  
Iteration: 2556; Percent complete: 63.9%; Average loss: 2.5542  
Iteration: 2557; Percent complete: 63.9%; Average loss: 2.7991

Iteration: 2558; Percent complete: 63.9%; Average loss: 2.7867  
Iteration: 2559; Percent complete: 64.0%; Average loss: 2.3892  
Iteration: 2560; Percent complete: 64.0%; Average loss: 2.7100  
Iteration: 2561; Percent complete: 64.0%; Average loss: 2.7147  
Iteration: 2562; Percent complete: 64.0%; Average loss: 2.6524  
Iteration: 2563; Percent complete: 64.1%; Average loss: 2.8434  
Iteration: 2564; Percent complete: 64.1%; Average loss: 2.8186  
Iteration: 2565; Percent complete: 64.1%; Average loss: 2.6175  
Iteration: 2566; Percent complete: 64.1%; Average loss: 2.8373  
Iteration: 2567; Percent complete: 64.2%; Average loss: 2.8563  
Iteration: 2568; Percent complete: 64.2%; Average loss: 2.7186  
Iteration: 2569; Percent complete: 64.2%; Average loss: 2.8621  
Iteration: 2570; Percent complete: 64.2%; Average loss: 2.4493  
Iteration: 2571; Percent complete: 64.3%; Average loss: 2.5920  
Iteration: 2572; Percent complete: 64.3%; Average loss: 2.4660  
Iteration: 2573; Percent complete: 64.3%; Average loss: 2.7717  
Iteration: 2574; Percent complete: 64.3%; Average loss: 2.6758  
Iteration: 2575; Percent complete: 64.4%; Average loss: 2.7409  
Iteration: 2576; Percent complete: 64.4%; Average loss: 2.5479  
Iteration: 2577; Percent complete: 64.4%; Average loss: 2.7636  
Iteration: 2578; Percent complete: 64.5%; Average loss: 3.0011  
Iteration: 2579; Percent complete: 64.5%; Average loss: 2.7490  
Iteration: 2580; Percent complete: 64.5%; Average loss: 2.6405  
Iteration: 2581; Percent complete: 64.5%; Average loss: 2.9189  
Iteration: 2582; Percent complete: 64.5%; Average loss: 2.6696  
Iteration: 2583; Percent complete: 64.6%; Average loss: 3.0168  
Iteration: 2584; Percent complete: 64.6%; Average loss: 2.4818  
Iteration: 2585; Percent complete: 64.6%; Average loss: 2.8004  
Iteration: 2586; Percent complete: 64.6%; Average loss: 2.8312  
Iteration: 2587; Percent complete: 64.7%; Average loss: 2.9280  
Iteration: 2588; Percent complete: 64.7%; Average loss: 2.6407  
Iteration: 2589; Percent complete: 64.7%; Average loss: 2.6653  
Iteration: 2590; Percent complete: 64.8%; Average loss: 2.4860  
Iteration: 2591; Percent complete: 64.8%; Average loss: 2.7294  
Iteration: 2592; Percent complete: 64.8%; Average loss: 2.8920  
Iteration: 2593; Percent complete: 64.8%; Average loss: 2.8677  
Iteration: 2594; Percent complete: 64.8%; Average loss: 2.6841  
Iteration: 2595; Percent complete: 64.9%; Average loss: 2.6531  
Iteration: 2596; Percent complete: 64.9%; Average loss: 2.6682  
Iteration: 2597; Percent complete: 64.9%; Average loss: 2.8047  
Iteration: 2598; Percent complete: 65.0%; Average loss: 2.6815  
Iteration: 2599; Percent complete: 65.0%; Average loss: 2.6474  
Iteration: 2600; Percent complete: 65.0%; Average loss: 2.6973  
Iteration: 2601; Percent complete: 65.0%; Average loss: 2.6202  
Iteration: 2602; Percent complete: 65.0%; Average loss: 2.5705  
Iteration: 2603; Percent complete: 65.1%; Average loss: 2.8051  
Iteration: 2604; Percent complete: 65.1%; Average loss: 2.6941  
Iteration: 2605; Percent complete: 65.1%; Average loss: 2.7556  
Iteration: 2606; Percent complete: 65.1%; Average loss: 2.8534  
Iteration: 2607; Percent complete: 65.2%; Average loss: 2.8616  
Iteration: 2608; Percent complete: 65.2%; Average loss: 2.7524  
Iteration: 2609; Percent complete: 65.2%; Average loss: 2.7397  
Iteration: 2610; Percent complete: 65.2%; Average loss: 2.5611  
Iteration: 2611; Percent complete: 65.3%; Average loss: 2.6274  
Iteration: 2612; Percent complete: 65.3%; Average loss: 2.8020  
Iteration: 2613; Percent complete: 65.3%; Average loss: 2.5196  
Iteration: 2614; Percent complete: 65.3%; Average loss: 3.1139  
Iteration: 2615; Percent complete: 65.4%; Average loss: 2.8007  
Iteration: 2616; Percent complete: 65.4%; Average loss: 2.6072  
Iteration: 2617; Percent complete: 65.4%; Average loss: 2.6293  
Iteration: 2618; Percent complete: 65.5%; Average loss: 2.7980  
Iteration: 2619; Percent complete: 65.5%; Average loss: 2.7849  
Iteration: 2620; Percent complete: 65.5%; Average loss: 2.7064  
Iteration: 2621; Percent complete: 65.5%; Average loss: 2.7664  
Iteration: 2622; Percent complete: 65.5%; Average loss: 2.7604  
Iteration: 2623; Percent complete: 65.6%; Average loss: 2.8577  
Iteration: 2624; Percent complete: 65.6%; Average loss: 2.8260  
Iteration: 2625; Percent complete: 65.6%; Average loss: 2.7022  
Iteration: 2626; Percent complete: 65.6%; Average loss: 2.9210  
Iteration: 2627; Percent complete: 65.7%; Average loss: 2.7401  
Iteration: 2628; Percent complete: 65.7%; Average loss: 2.9076  
Iteration: 2629; Percent complete: 65.7%; Average loss: 2.8396  
Iteration: 2630; Percent complete: 65.8%; Average loss: 2.9243  
Iteration: 2631; Percent complete: 65.8%; Average loss: 2.7542  
Iteration: 2632; Percent complete: 65.8%; Average loss: 2.5020  
Iteration: 2633; Percent complete: 65.8%; Average loss: 3.0767  
Iteration: 2634; Percent complete: 65.8%; Average loss: 2.9444  
Iteration: 2635; Percent complete: 65.9%; Average loss: 2.8521  
Iteration: 2636; Percent complete: 65.9%; Average loss: 2.7403  
Iteration: 2637; Percent complete: 65.9%; Average loss: 2.7148  
Iteration: 2638; Percent complete: 66.0%; Average loss: 2.7395  
Iteration: 2639; Percent complete: 66.0%; Average loss: 2.7904  
Iteration: 2640; Percent complete: 66.0%; Average loss: 2.7186  
Iteration: 2641; Percent complete: 66.0%; Average loss: 2.6991  
Iteration: 2642; Percent complete: 66.0%; Average loss: 3.0313  
Iteration: 2643; Percent complete: 66.1%; Average loss: 2.7687  
Iteration: 2644; Percent complete: 66.1%; Average loss: 2.7408  
Iteration: 2645; Percent complete: 66.1%; Average loss: 2.6835  
Iteration: 2646; Percent complete: 66.1%; Average loss: 2.6651  
Iteration: 2647; Percent complete: 66.2%; Average loss: 2.6420  
Iteration: 2648; Percent complete: 66.2%; Average loss: 2.5979

Iteration: 2649; Percent complete: 66.2%; Average loss: 2.7581  
Iteration: 2650; Percent complete: 66.2%; Average loss: 2.6593  
Iteration: 2651; Percent complete: 66.3%; Average loss: 2.2906  
Iteration: 2652; Percent complete: 66.3%; Average loss: 2.7999  
Iteration: 2653; Percent complete: 66.3%; Average loss: 2.6931  
Iteration: 2654; Percent complete: 66.3%; Average loss: 2.7565  
Iteration: 2655; Percent complete: 66.4%; Average loss: 2.7224  
Iteration: 2656; Percent complete: 66.4%; Average loss: 2.8694  
Iteration: 2657; Percent complete: 66.4%; Average loss: 2.5848  
Iteration: 2658; Percent complete: 66.5%; Average loss: 2.8760  
Iteration: 2659; Percent complete: 66.5%; Average loss: 2.8220  
Iteration: 2660; Percent complete: 66.5%; Average loss: 2.4546  
Iteration: 2661; Percent complete: 66.5%; Average loss: 2.6856  
Iteration: 2662; Percent complete: 66.5%; Average loss: 2.5701  
Iteration: 2663; Percent complete: 66.6%; Average loss: 3.0133  
Iteration: 2664; Percent complete: 66.6%; Average loss: 2.8648  
Iteration: 2665; Percent complete: 66.6%; Average loss: 2.6530  
Iteration: 2666; Percent complete: 66.6%; Average loss: 2.8439  
Iteration: 2667; Percent complete: 66.7%; Average loss: 2.9765  
Iteration: 2668; Percent complete: 66.7%; Average loss: 2.6715  
Iteration: 2669; Percent complete: 66.7%; Average loss: 2.7369  
Iteration: 2670; Percent complete: 66.8%; Average loss: 2.7311  
Iteration: 2671; Percent complete: 66.8%; Average loss: 2.6721  
Iteration: 2672; Percent complete: 66.8%; Average loss: 2.6981  
Iteration: 2673; Percent complete: 66.8%; Average loss: 2.8181  
Iteration: 2674; Percent complete: 66.8%; Average loss: 2.5435  
Iteration: 2675; Percent complete: 66.9%; Average loss: 2.7637  
Iteration: 2676; Percent complete: 66.9%; Average loss: 2.6752  
Iteration: 2677; Percent complete: 66.9%; Average loss: 2.8636  
Iteration: 2678; Percent complete: 67.0%; Average loss: 2.6097  
Iteration: 2679; Percent complete: 67.0%; Average loss: 2.7255  
Iteration: 2680; Percent complete: 67.0%; Average loss: 2.6189  
Iteration: 2681; Percent complete: 67.0%; Average loss: 2.5930  
Iteration: 2682; Percent complete: 67.0%; Average loss: 2.6212  
Iteration: 2683; Percent complete: 67.1%; Average loss: 2.7748  
Iteration: 2684; Percent complete: 67.1%; Average loss: 2.6041  
Iteration: 2685; Percent complete: 67.1%; Average loss: 2.6501  
Iteration: 2686; Percent complete: 67.2%; Average loss: 2.6873  
Iteration: 2687; Percent complete: 67.2%; Average loss: 2.7256  
Iteration: 2688; Percent complete: 67.2%; Average loss: 2.7374  
Iteration: 2689; Percent complete: 67.2%; Average loss: 2.7721  
Iteration: 2690; Percent complete: 67.2%; Average loss: 2.8571  
Iteration: 2691; Percent complete: 67.3%; Average loss: 2.8585  
Iteration: 2692; Percent complete: 67.3%; Average loss: 2.9209  
Iteration: 2693; Percent complete: 67.3%; Average loss: 2.4448  
Iteration: 2694; Percent complete: 67.3%; Average loss: 2.8165  
Iteration: 2695; Percent complete: 67.4%; Average loss: 2.7213  
Iteration: 2696; Percent complete: 67.4%; Average loss: 2.4050  
Iteration: 2697; Percent complete: 67.4%; Average loss: 2.6911  
Iteration: 2698; Percent complete: 67.5%; Average loss: 2.7033  
Iteration: 2699; Percent complete: 67.5%; Average loss: 2.7802  
Iteration: 2700; Percent complete: 67.5%; Average loss: 2.5715  
Iteration: 2701; Percent complete: 67.5%; Average loss: 2.6735  
Iteration: 2702; Percent complete: 67.5%; Average loss: 2.5775  
Iteration: 2703; Percent complete: 67.6%; Average loss: 2.8504  
Iteration: 2704; Percent complete: 67.6%; Average loss: 2.7454  
Iteration: 2705; Percent complete: 67.6%; Average loss: 2.5369  
Iteration: 2706; Percent complete: 67.7%; Average loss: 2.5889  
Iteration: 2707; Percent complete: 67.7%; Average loss: 2.8026  
Iteration: 2708; Percent complete: 67.7%; Average loss: 2.6782  
Iteration: 2709; Percent complete: 67.7%; Average loss: 2.8701  
Iteration: 2710; Percent complete: 67.8%; Average loss: 2.9845  
Iteration: 2711; Percent complete: 67.8%; Average loss: 2.7478  
Iteration: 2712; Percent complete: 67.8%; Average loss: 2.4599  
Iteration: 2713; Percent complete: 67.8%; Average loss: 2.6773  
Iteration: 2714; Percent complete: 67.8%; Average loss: 2.7860  
Iteration: 2715; Percent complete: 67.9%; Average loss: 2.4585  
Iteration: 2716; Percent complete: 67.9%; Average loss: 2.6467  
Iteration: 2717; Percent complete: 67.9%; Average loss: 2.9002  
Iteration: 2718; Percent complete: 68.0%; Average loss: 3.0070  
Iteration: 2719; Percent complete: 68.0%; Average loss: 2.7172  
Iteration: 2720; Percent complete: 68.0%; Average loss: 2.5764  
Iteration: 2721; Percent complete: 68.0%; Average loss: 2.7429  
Iteration: 2722; Percent complete: 68.0%; Average loss: 2.7394  
Iteration: 2723; Percent complete: 68.1%; Average loss: 2.7997  
Iteration: 2724; Percent complete: 68.1%; Average loss: 2.8668  
Iteration: 2725; Percent complete: 68.1%; Average loss: 2.5282  
Iteration: 2726; Percent complete: 68.2%; Average loss: 2.6663  
Iteration: 2727; Percent complete: 68.2%; Average loss: 2.6916  
Iteration: 2728; Percent complete: 68.2%; Average loss: 2.7968  
Iteration: 2729; Percent complete: 68.2%; Average loss: 2.7984  
Iteration: 2730; Percent complete: 68.2%; Average loss: 2.8471  
Iteration: 2731; Percent complete: 68.3%; Average loss: 2.5465  
Iteration: 2732; Percent complete: 68.3%; Average loss: 2.7555  
Iteration: 2733; Percent complete: 68.3%; Average loss: 2.6958  
Iteration: 2734; Percent complete: 68.3%; Average loss: 2.6594  
Iteration: 2735; Percent complete: 68.4%; Average loss: 2.5382  
Iteration: 2736; Percent complete: 68.4%; Average loss: 2.9262  
Iteration: 2737; Percent complete: 68.4%; Average loss: 2.7411  
Iteration: 2738; Percent complete: 68.5%; Average loss: 2.5507  
Iteration: 2739; Percent complete: 68.5%; Average loss: 2.8234  
Iteration: 2740; Percent complete: 68.5%; Average loss: 2.7631



|            |       |                   |        |               |        |
|------------|-------|-------------------|--------|---------------|--------|
| Iteration: | 2740; | Percent complete: | 68.5%; | Average loss: | 2.7074 |
| Iteration: | 2741; | Percent complete: | 68.5%; | Average loss: | 2.5124 |
| Iteration: | 2742; | Percent complete: | 68.5%; | Average loss: | 2.9350 |
| Iteration: | 2743; | Percent complete: | 68.6%; | Average loss: | 2.8796 |
| Iteration: | 2744; | Percent complete: | 68.6%; | Average loss: | 2.5623 |
| Iteration: | 2745; | Percent complete: | 68.6%; | Average loss: | 2.6169 |
| Iteration: | 2746; | Percent complete: | 68.7%; | Average loss: | 2.9209 |
| Iteration: | 2747; | Percent complete: | 68.7%; | Average loss: | 2.7532 |
| Iteration: | 2748; | Percent complete: | 68.7%; | Average loss: | 2.9513 |
| Iteration: | 2749; | Percent complete: | 68.7%; | Average loss: | 2.6942 |
| Iteration: | 2750; | Percent complete: | 68.8%; | Average loss: | 2.7441 |
| Iteration: | 2751; | Percent complete: | 68.8%; | Average loss: | 2.5632 |
| Iteration: | 2752; | Percent complete: | 68.8%; | Average loss: | 2.7526 |
| Iteration: | 2753; | Percent complete: | 68.8%; | Average loss: | 2.4693 |
| Iteration: | 2754; | Percent complete: | 68.8%; | Average loss: | 2.6757 |
| Iteration: | 2755; | Percent complete: | 68.9%; | Average loss: | 2.4237 |
| Iteration: | 2756; | Percent complete: | 68.9%; | Average loss: | 2.6216 |
| Iteration: | 2757; | Percent complete: | 68.9%; | Average loss: | 2.6798 |
| Iteration: | 2758; | Percent complete: | 69.0%; | Average loss: | 2.6849 |
| Iteration: | 2759; | Percent complete: | 69.0%; | Average loss: | 2.6426 |
| Iteration: | 2760; | Percent complete: | 69.0%; | Average loss: | 2.7782 |
| Iteration: | 2761; | Percent complete: | 69.0%; | Average loss: | 2.8870 |
| Iteration: | 2762; | Percent complete: | 69.0%; | Average loss: | 2.6851 |
| Iteration: | 2763; | Percent complete: | 69.1%; | Average loss: | 2.7966 |
| Iteration: | 2764; | Percent complete: | 69.1%; | Average loss: | 2.7210 |
| Iteration: | 2765; | Percent complete: | 69.1%; | Average loss: | 2.8732 |
| Iteration: | 2766; | Percent complete: | 69.2%; | Average loss: | 2.7134 |
| Iteration: | 2767; | Percent complete: | 69.2%; | Average loss: | 2.7123 |
| Iteration: | 2768; | Percent complete: | 69.2%; | Average loss: | 2.6491 |
| Iteration: | 2769; | Percent complete: | 69.2%; | Average loss: | 2.4511 |
| Iteration: | 2770; | Percent complete: | 69.2%; | Average loss: | 2.5957 |
| Iteration: | 2771; | Percent complete: | 69.3%; | Average loss: | 2.5412 |
| Iteration: | 2772; | Percent complete: | 69.3%; | Average loss: | 2.6557 |
| Iteration: | 2773; | Percent complete: | 69.3%; | Average loss: | 2.6012 |
| Iteration: | 2774; | Percent complete: | 69.3%; | Average loss: | 2.5977 |
| Iteration: | 2775; | Percent complete: | 69.4%; | Average loss: | 2.6175 |
| Iteration: | 2776; | Percent complete: | 69.4%; | Average loss: | 2.5287 |
| Iteration: | 2777; | Percent complete: | 69.4%; | Average loss: | 2.8437 |
| Iteration: | 2778; | Percent complete: | 69.5%; | Average loss: | 2.5341 |
| Iteration: | 2779; | Percent complete: | 69.5%; | Average loss: | 2.7600 |
| Iteration: | 2780; | Percent complete: | 69.5%; | Average loss: | 2.6778 |
| Iteration: | 2781; | Percent complete: | 69.5%; | Average loss: | 2.6547 |
| Iteration: | 2782; | Percent complete: | 69.5%; | Average loss: | 2.7617 |
| Iteration: | 2783; | Percent complete: | 69.6%; | Average loss: | 2.6400 |
| Iteration: | 2784; | Percent complete: | 69.6%; | Average loss: | 2.6739 |
| Iteration: | 2785; | Percent complete: | 69.6%; | Average loss: | 2.4757 |
| Iteration: | 2786; | Percent complete: | 69.7%; | Average loss: | 2.5237 |
| Iteration: | 2787; | Percent complete: | 69.7%; | Average loss: | 2.4988 |
| Iteration: | 2788; | Percent complete: | 69.7%; | Average loss: | 2.6303 |
| Iteration: | 2789; | Percent complete: | 69.7%; | Average loss: | 2.9097 |
| Iteration: | 2790; | Percent complete: | 69.8%; | Average loss: | 2.5209 |
| Iteration: | 2791; | Percent complete: | 69.8%; | Average loss: | 2.7474 |
| Iteration: | 2792; | Percent complete: | 69.8%; | Average loss: | 2.6232 |
| Iteration: | 2793; | Percent complete: | 69.8%; | Average loss: | 2.6194 |
| Iteration: | 2794; | Percent complete: | 69.8%; | Average loss: | 2.6067 |
| Iteration: | 2795; | Percent complete: | 69.9%; | Average loss: | 2.6382 |
| Iteration: | 2796; | Percent complete: | 69.9%; | Average loss: | 2.6205 |
| Iteration: | 2797; | Percent complete: | 69.9%; | Average loss: | 2.8726 |
| Iteration: | 2798; | Percent complete: | 70.0%; | Average loss: | 2.8868 |
| Iteration: | 2799; | Percent complete: | 70.0%; | Average loss: | 2.5360 |
| Iteration: | 2800; | Percent complete: | 70.0%; | Average loss: | 2.6420 |
| Iteration: | 2801; | Percent complete: | 70.0%; | Average loss: | 2.7991 |
| Iteration: | 2802; | Percent complete: | 70.0%; | Average loss: | 2.6509 |
| Iteration: | 2803; | Percent complete: | 70.1%; | Average loss: | 2.7493 |
| Iteration: | 2804; | Percent complete: | 70.1%; | Average loss: | 2.4548 |
| Iteration: | 2805; | Percent complete: | 70.1%; | Average loss: | 2.7255 |
| Iteration: | 2806; | Percent complete: | 70.2%; | Average loss: | 2.7724 |
| Iteration: | 2807; | Percent complete: | 70.2%; | Average loss: | 2.3894 |
| Iteration: | 2808; | Percent complete: | 70.2%; | Average loss: | 2.3884 |
| Iteration: | 2809; | Percent complete: | 70.2%; | Average loss: | 2.9664 |
| Iteration: | 2810; | Percent complete: | 70.2%; | Average loss: | 2.7138 |
| Iteration: | 2811; | Percent complete: | 70.3%; | Average loss: | 2.7386 |
| Iteration: | 2812; | Percent complete: | 70.3%; | Average loss: | 2.6996 |
| Iteration: | 2813; | Percent complete: | 70.3%; | Average loss: | 2.5788 |
| Iteration: | 2814; | Percent complete: | 70.3%; | Average loss: | 2.9182 |
| Iteration: | 2815; | Percent complete: | 70.4%; | Average loss: | 2      |

|                  |                          |                      |
|------------------|--------------------------|----------------------|
| Iteration: 2831; | Percent complete: 70.8%; | Average loss: 2.6285 |
| Iteration: 2832; | Percent complete: 70.8%; | Average loss: 2.3797 |
| Iteration: 2833; | Percent complete: 70.8%; | Average loss: 2.7325 |
| Iteration: 2834; | Percent complete: 70.9%; | Average loss: 2.6256 |
| Iteration: 2835; | Percent complete: 70.9%; | Average loss: 2.5437 |
| Iteration: 2836; | Percent complete: 70.9%; | Average loss: 2.8183 |
| Iteration: 2837; | Percent complete: 70.9%; | Average loss: 2.6955 |
| Iteration: 2838; | Percent complete: 71.0%; | Average loss: 2.6747 |
| Iteration: 2839; | Percent complete: 71.0%; | Average loss: 2.6706 |
| Iteration: 2840; | Percent complete: 71.0%; | Average loss: 2.5677 |
| Iteration: 2841; | Percent complete: 71.0%; | Average loss: 2.9550 |
| Iteration: 2842; | Percent complete: 71.0%; | Average loss: 2.4987 |
| Iteration: 2843; | Percent complete: 71.1%; | Average loss: 2.8905 |
| Iteration: 2844; | Percent complete: 71.1%; | Average loss: 2.6228 |
| Iteration: 2845; | Percent complete: 71.1%; | Average loss: 2.7285 |
| Iteration: 2846; | Percent complete: 71.2%; | Average loss: 2.6688 |
| Iteration: 2847; | Percent complete: 71.2%; | Average loss: 2.5181 |
| Iteration: 2848; | Percent complete: 71.2%; | Average loss: 2.6291 |
| Iteration: 2849; | Percent complete: 71.2%; | Average loss: 2.7141 |
| Iteration: 2850; | Percent complete: 71.2%; | Average loss: 2.8084 |
| Iteration: 2851; | Percent complete: 71.3%; | Average loss: 2.5392 |
| Iteration: 2852; | Percent complete: 71.3%; | Average loss: 2.7591 |
| Iteration: 2853; | Percent complete: 71.3%; | Average loss: 2.5883 |
| Iteration: 2854; | Percent complete: 71.4%; | Average loss: 2.6083 |
| Iteration: 2855; | Percent complete: 71.4%; | Average loss: 2.8849 |
| Iteration: 2856; | Percent complete: 71.4%; | Average loss: 2.6938 |
| Iteration: 2857; | Percent complete: 71.4%; | Average loss: 2.5467 |
| Iteration: 2858; | Percent complete: 71.5%; | Average loss: 2.8427 |
| Iteration: 2859; | Percent complete: 71.5%; | Average loss: 2.4635 |
| Iteration: 2860; | Percent complete: 71.5%; | Average loss: 2.6404 |
| Iteration: 2861; | Percent complete: 71.5%; | Average loss: 2.5625 |
| Iteration: 2862; | Percent complete: 71.5%; | Average loss: 2.5359 |
| Iteration: 2863; | Percent complete: 71.6%; | Average loss: 2.7824 |
| Iteration: 2864; | Percent complete: 71.6%; | Average loss: 2.7336 |
| Iteration: 2865; | Percent complete: 71.6%; | Average loss: 2.7791 |
| Iteration: 2866; | Percent complete: 71.7%; | Average loss: 2.6896 |
| Iteration: 2867; | Percent complete: 71.7%; | Average loss: 2.5588 |
| Iteration: 2868; | Percent complete: 71.7%; | Average loss: 2.8455 |
| Iteration: 2869; | Percent complete: 71.7%; | Average loss: 2.9081 |
| Iteration: 2870; | Percent complete: 71.8%; | Average loss: 2.7500 |
| Iteration: 2871; | Percent complete: 71.8%; | Average loss: 2.5884 |
| Iteration: 2872; | Percent complete: 71.8%; | Average loss: 2.5241 |
| Iteration: 2873; | Percent complete: 71.8%; | Average loss: 2.7423 |
| Iteration: 2874; | Percent complete: 71.9%; | Average loss: 2.7223 |
| Iteration: 2875; | Percent complete: 71.9%; | Average loss: 2.8312 |
| Iteration: 2876; | Percent complete: 71.9%; | Average loss: 2.7024 |
| Iteration: 2877; | Percent complete: 71.9%; | Average loss: 2.5672 |
| Iteration: 2878; | Percent complete: 72.0%; | Average loss: 2.7026 |
| Iteration: 2879; | Percent complete: 72.0%; | Average loss: 2.4761 |
| Iteration: 2880; | Percent complete: 72.0%; | Average loss: 2.7757 |
| Iteration: 2881; | Percent complete: 72.0%; | Average loss: 2.5636 |
| Iteration: 2882; | Percent complete: 72.0%; | Average loss: 2.8853 |
| Iteration: 2883; | Percent complete: 72.1%; | Average loss: 2.6430 |
| Iteration: 2884; | Percent complete: 72.1%; | Average loss: 2.6253 |
| Iteration: 2885; | Percent complete: 72.1%; | Average loss: 2.4721 |
| Iteration: 2886; | Percent complete: 72.2%; | Average loss: 2.7033 |
| Iteration: 2887; | Percent complete: 72.2%; | Average loss: 2.7527 |
| Iteration: 2888; | Percent complete: 72.2%; | Average loss: 2.7847 |
| Iteration: 2889; | Percent complete: 72.2%; | Average loss: 2.7473 |
| Iteration: 2890; | Percent complete: 72.2%; | Average loss: 2.7050 |
| Iteration: 2891; | Percent complete: 72.3%; | Average loss: 2.5651 |
| Iteration: 2892; | Percent complete: 72.3%; | Average loss: 2.5360 |
| Iteration: 2893; | Percent complete: 72.3%; | Average loss: 2.6228 |
| Iteration: 2894; | Percent complete: 72.4%; | Average loss: 2.8235 |
| Iteration: 2895; | Percent complete: 72.4%; | Average loss: 2.5639 |
| Iteration: 2896; | Percent complete: 72.4%; | Average loss: 2.6095 |
| Iteration: 2897; | Percent complete: 72.4%; | Average loss: 2.7674 |
| Iteration: 2898; | Percent complete: 72.5%; | Average loss: 2.8280 |
| Iteration: 2899; | Percent complete: 72.5%; | Average loss: 2.4337 |
| Iteration: 2900; | Percent complete: 72.5%; | Average loss: 2.8325 |
| Iteration: 2901; | Percent complete: 72.5%; | Average loss: 2.8979 |
| Iteration: 2902; | Percent complete: 72.5%; | Average loss: 2.4122 |
| Iteration: 2903; | Percent complete: 72.6%; | Average loss: 2.8438 |
| Iteration: 2904; | Percent complete: 72.6%; | Average loss: 2.9388 |
| Iteration: 2905; | Percent complete: 72.6%; | Average loss: 2.5810 |
| Iteration: 2906; | Percent complete: 72.7%; | Average loss: 3.1232 |
| Iteration: 2907; | Percent complete: 72.7%; | Average loss: 2.3927 |
| Iteration: 2908; | Percent complete: 72.7%; | Average loss: 2.5949 |
| Iteration: 2909; | Percent complete: 72.7%; | Average loss: 2.7583 |
| Iteration: 2910; | Percent complete: 72.8%; | Average loss: 2.7234 |
| Iteration: 2911; | Percent complete: 72.8%; | Average loss: 2.8249 |
| Iteration: 2912; | Percent complete: 72.8%; | Average loss: 2.7578 |
| Iteration: 2913; | Percent complete: 72.8%; | Average loss: 2.4873 |
| Iteration: 2914; | Percent complete: 72.9%; | Average loss: 2.6448 |
| Iteration: 2915; | Percent complete: 72.9%; | Average loss: 2.8852 |
| Iteration: 2916; | Percent complete: 72.9%; | Average loss: 2.7613 |
| Iteration: 2917; | Percent complete: 72.9%; | Average loss: 2.7911 |
| Iteration: 2918; | Percent complete: 73.0%; | Average loss: 2.7442 |
| Iteration: 2919; | Percent complete: 73.0%; | Average loss: 2.8743 |
| Iteration: 2920; | Percent complete: 73.0%; | Average loss: 2.5153 |
| Iteration: 2921; | Percent complete: 73.0%; | Average loss: 2.6995 |

|            |       |         |           |        |         |       |        |
|------------|-------|---------|-----------|--------|---------|-------|--------|
| Iteration: | 2923; | Percent | complete: | 73.1%; | Average | loss: | 2.7113 |
| Iteration: | 2924; | Percent | complete: | 73.1%; | Average | loss: | 2.5600 |
| Iteration: | 2925; | Percent | complete: | 73.1%; | Average | loss: | 2.4212 |
| Iteration: | 2926; | Percent | complete: | 73.2%; | Average | loss: | 2.5536 |
| Iteration: | 2927; | Percent | complete: | 73.2%; | Average | loss: | 2.7949 |
| Iteration: | 2928; | Percent | complete: | 73.2%; | Average | loss: | 2.3700 |
| Iteration: | 2929; | Percent | complete: | 73.2%; | Average | loss: | 2.5029 |
| Iteration: | 2930; | Percent | complete: | 73.2%; | Average | loss: | 2.6530 |
| Iteration: | 2931; | Percent | complete: | 73.3%; | Average | loss: | 2.9122 |
| Iteration: | 2932; | Percent | complete: | 73.3%; | Average | loss: | 2.7428 |
| Iteration: | 2933; | Percent | complete: | 73.3%; | Average | loss: | 2.7889 |
| Iteration: | 2934; | Percent | complete: | 73.4%; | Average | loss: | 2.8281 |
| Iteration: | 2935; | Percent | complete: | 73.4%; | Average | loss: | 2.7605 |
| Iteration: | 2936; | Percent | complete: | 73.4%; | Average | loss: | 2.4624 |
| Iteration: | 2937; | Percent | complete: | 73.4%; | Average | loss: | 2.5601 |
| Iteration: | 2938; | Percent | complete: | 73.5%; | Average | loss: | 2.4703 |
| Iteration: | 2939; | Percent | complete: | 73.5%; | Average | loss: | 2.8524 |
| Iteration: | 2940; | Percent | complete: | 73.5%; | Average | loss: | 2.5982 |
| Iteration: | 2941; | Percent | complete: | 73.5%; | Average | loss: | 2.9549 |
| Iteration: | 2942; | Percent | complete: | 73.6%; | Average | loss: | 2.5424 |
| Iteration: | 2943; | Percent | complete: | 73.6%; | Average | loss: | 2.7284 |
| Iteration: | 2944; | Percent | complete: | 73.6%; | Average | loss: | 2.4596 |
| Iteration: | 2945; | Percent | complete: | 73.6%; | Average | loss: | 2.7401 |
| Iteration: | 2946; | Percent | complete: | 73.7%; | Average | loss: | 2.7767 |
| Iteration: | 2947; | Percent | complete: | 73.7%; | Average | loss: | 2.5800 |
| Iteration: | 2948; | Percent | complete: | 73.7%; | Average | loss: | 2.8712 |
| Iteration: | 2949; | Percent | complete: | 73.7%; | Average | loss: | 2.7582 |
| Iteration: | 2950; | Percent | complete: | 73.8%; | Average | loss: | 2.8553 |
| Iteration: | 2951; | Percent | complete: | 73.8%; | Average | loss: | 2.7436 |
| Iteration: | 2952; | Percent | complete: | 73.8%; | Average | loss: | 2.4041 |
| Iteration: | 2953; | Percent | complete: | 73.8%; | Average | loss: | 2.6236 |
| Iteration: | 2954; | Percent | complete: | 73.9%; | Average | loss: | 2.7286 |
| Iteration: | 2955; | Percent | complete: | 73.9%; | Average | loss: | 2.5578 |
| Iteration: | 2956; | Percent | complete: | 73.9%; | Average | loss: | 2.7193 |
| Iteration: | 2957; | Percent | complete: | 73.9%; | Average | loss: | 2.6977 |
| Iteration: | 2958; | Percent | complete: | 74.0%; | Average | loss: | 2.7887 |
| Iteration: | 2959; | Percent | complete: | 74.0%; | Average | loss: | 2.6288 |
| Iteration: | 2960; | Percent | complete: | 74.0%; | Average | loss: | 2.4308 |
| Iteration: | 2961; | Percent | complete: | 74.0%; | Average | loss: | 2.6500 |
| Iteration: | 2962; | Percent | complete: | 74.1%; | Average | loss: | 2.6452 |
| Iteration: | 2963; | Percent | complete: | 74.1%; | Average | loss: | 2.5837 |
| Iteration: | 2964; | Percent | complete: | 74.1%; | Average | loss: | 2.8845 |
| Iteration: | 2965; | Percent | complete: | 74.1%; | Average | loss: | 2.5548 |
| Iteration: | 2966; | Percent | complete: | 74.2%; | Average | loss: | 2.5119 |
| Iteration: | 2967; | Percent | complete: | 74.2%; | Average | loss: | 2.5424 |
| Iteration: | 2968; | Percent | complete: | 74.2%; | Average | loss: | 2.6372 |
| Iteration: | 2969; | Percent | complete: | 74.2%; | Average | loss: | 2.6013 |
| Iteration: | 2970; | Percent | complete: | 74.2%; | Average | loss: | 2.6642 |
| Iteration: | 2971; | Percent | complete: | 74.3%; | Average | loss: | 2.5288 |
| Iteration: | 2972; | Percent | complete: | 74.3%; | Average | loss: | 2.6023 |
| Iteration: | 2973; | Percent | complete: | 74.3%; | Average | loss: | 2.4137 |
| Iteration: | 2974; | Percent | complete: | 74.4%; | Average | loss: | 2.5899 |
| Iteration: | 2975; | Percent | complete: | 74.4%; | Average | loss: | 2.5905 |
| Iteration: | 2976; | Percent | complete: | 74.4%; | Average | loss: | 2.6467 |
| Iteration: | 2977; | Percent | complete: | 74.4%; | Average | loss: | 2.7826 |
| Iteration: | 2978; | Percent | complete: | 74.5%; | Average | loss: | 2.6984 |
| Iteration: | 2979; | Percent | complete: | 74.5%; | Average | loss: | 2.6227 |
| Iteration: | 2980; | Percent | complete: | 74.5%; | Average | loss: | 2.7145 |
| Iteration: | 2981; | Percent | complete: | 74.5%; | Average | loss: | 2.7246 |
| Iteration: | 2982; | Percent | complete: | 74.6%; | Average | loss: | 2.7070 |
| Iteration: | 2983; | Percent | complete: | 74.6%; | Average | loss: | 2.6964 |
| Iteration: | 2984; | Percent | complete: | 74.6%; | Average | loss: | 2.4714 |
| Iteration: | 2985; | Percent | complete: | 74.6%; | Average | loss: | 2.6416 |
| Iteration: | 2986; | Percent | complete: | 74.7%; | Average | loss: | 2.5397 |

|                  |                          |                      |
|------------------|--------------------------|----------------------|
| Iteration: 3014; | Percent complete: 75.3%; | Average loss: 2.7756 |
| Iteration: 3015; | Percent complete: 75.4%; | Average loss: 2.6257 |
| Iteration: 3016; | Percent complete: 75.4%; | Average loss: 2.7243 |
| Iteration: 3017; | Percent complete: 75.4%; | Average loss: 2.6146 |
| Iteration: 3018; | Percent complete: 75.4%; | Average loss: 2.4463 |
| Iteration: 3019; | Percent complete: 75.5%; | Average loss: 2.5268 |
| Iteration: 3020; | Percent complete: 75.5%; | Average loss: 2.6054 |
| Iteration: 3021; | Percent complete: 75.5%; | Average loss: 2.6449 |
| Iteration: 3022; | Percent complete: 75.5%; | Average loss: 2.7931 |
| Iteration: 3023; | Percent complete: 75.6%; | Average loss: 2.4536 |
| Iteration: 3024; | Percent complete: 75.6%; | Average loss: 2.6279 |
| Iteration: 3025; | Percent complete: 75.6%; | Average loss: 2.6547 |
| Iteration: 3026; | Percent complete: 75.6%; | Average loss: 2.9569 |
| Iteration: 3027; | Percent complete: 75.7%; | Average loss: 3.0341 |
| Iteration: 3028; | Percent complete: 75.7%; | Average loss: 2.7710 |
| Iteration: 3029; | Percent complete: 75.7%; | Average loss: 2.7306 |
| Iteration: 3030; | Percent complete: 75.8%; | Average loss: 2.5703 |
| Iteration: 3031; | Percent complete: 75.8%; | Average loss: 2.6340 |
| Iteration: 3032; | Percent complete: 75.8%; | Average loss: 2.5852 |
| Iteration: 3033; | Percent complete: 75.8%; | Average loss: 2.6161 |
| Iteration: 3034; | Percent complete: 75.8%; | Average loss: 2.4373 |
| Iteration: 3035; | Percent complete: 75.9%; | Average loss: 3.0526 |
| Iteration: 3036; | Percent complete: 75.9%; | Average loss: 2.7306 |
| Iteration: 3037; | Percent complete: 75.9%; | Average loss: 2.7030 |
| Iteration: 3038; | Percent complete: 75.9%; | Average loss: 2.7875 |
| Iteration: 3039; | Percent complete: 76.0%; | Average loss: 2.5496 |
| Iteration: 3040; | Percent complete: 76.0%; | Average loss: 2.5738 |
| Iteration: 3041; | Percent complete: 76.0%; | Average loss: 2.6107 |
| Iteration: 3042; | Percent complete: 76.0%; | Average loss: 2.7261 |
| Iteration: 3043; | Percent complete: 76.1%; | Average loss: 2.6227 |
| Iteration: 3044; | Percent complete: 76.1%; | Average loss: 2.6825 |
| Iteration: 3045; | Percent complete: 76.1%; | Average loss: 2.4337 |
| Iteration: 3046; | Percent complete: 76.1%; | Average loss: 2.5539 |
| Iteration: 3047; | Percent complete: 76.2%; | Average loss: 2.3270 |
| Iteration: 3048; | Percent complete: 76.2%; | Average loss: 2.4632 |
| Iteration: 3049; | Percent complete: 76.2%; | Average loss: 2.8432 |
| Iteration: 3050; | Percent complete: 76.2%; | Average loss: 2.3949 |
| Iteration: 3051; | Percent complete: 76.3%; | Average loss: 2.7303 |
| Iteration: 3052; | Percent complete: 76.3%; | Average loss: 2.7923 |
| Iteration: 3053; | Percent complete: 76.3%; | Average loss: 2.8222 |
| Iteration: 3054; | Percent complete: 76.3%; | Average loss: 2.6707 |
| Iteration: 3055; | Percent complete: 76.4%; | Average loss: 2.4914 |
| Iteration: 3056; | Percent complete: 76.4%; | Average loss: 2.5219 |
| Iteration: 3057; | Percent complete: 76.4%; | Average loss: 2.7527 |
| Iteration: 3058; | Percent complete: 76.4%; | Average loss: 2.7379 |
| Iteration: 3059; | Percent complete: 76.5%; | Average loss: 2.7760 |
| Iteration: 3060; | Percent complete: 76.5%; | Average loss: 2.6226 |
| Iteration: 3061; | Percent complete: 76.5%; | Average loss: 2.6568 |
| Iteration: 3062; | Percent complete: 76.5%; | Average loss: 2.6998 |
| Iteration: 3063; | Percent complete: 76.6%; | Average loss: 2.4916 |
| Iteration: 3064; | Percent complete: 76.6%; | Average loss: 2.6213 |
| Iteration: 3065; | Percent complete: 76.6%; | Average loss: 2.7155 |
| Iteration: 3066; | Percent complete: 76.6%; | Average loss: 2.7151 |
| Iteration: 3067; | Percent complete: 76.7%; | Average loss: 2.5924 |
| Iteration: 3068; | Percent complete: 76.7%; | Average loss: 2.6681 |
| Iteration: 3069; | Percent complete: 76.7%; | Average loss: 2.6843 |
| Iteration: 3070; | Percent complete: 76.8%; | Average loss: 2.7933 |
| Iteration: 3071; | Percent complete: 76.8%; | Average loss: 2.8777 |
| Iteration: 3072; | Percent complete: 76.8%; | Average loss: 2.5173 |
| Iteration: 3073; | Percent complete: 76.8%; | Average loss: 2.7420 |
| Iteration: 3074; | Percent complete: 76.8%; | Average loss: 2.4481 |
| Iteration: 3075; | Percent complete: 76.9%; | Average loss: 2.7096 |
| Iteration: 3076; | Percent complete: 76.9%; | Average loss: 2.4171 |
| Iteration: 3077; | Percent complete: 76.9%; | Average loss: 2.4094 |
| Iteration: 3078; | Percent complete: 77.0%; | Average loss: 2.4022 |
| Iteration: 3079; | Percent complete: 77.0%; | Average loss: 2.6344 |
| Iteration: 3080; | Percent complete: 77.0%; | Average loss: 2.5931 |
| Iteration: 3081; | Percent complete: 77.0%; | Average loss: 2.8586 |
| Iteration: 3082; | Percent complete: 77.0%; | Average loss: 2.6796 |
| Iteration: 3083; | Percent complete: 77.1%; | Average loss: 2.5190 |
| Iteration: 3084; | Percent complete: 77.1%; | Average loss: 2.7283 |
| Iteration: 3085; | Percent complete: 77.1%; | Average loss: 2.6702 |
| Iteration: 3086; | Percent complete: 77.1%; | Average loss: 2.4629 |
| Iteration: 3087; | Percent complete: 77.2%; | Average loss: 2.4658 |
| Iteration: 3088; | Percent complete: 77.2%; | Average loss: 2.8753 |
| Iteration: 3089; | Percent complete: 77.2%; | Average loss: 2.6703 |
| Iteration: 3090; | Percent complete: 77.2%; | Average loss: 3.0597 |
| Iteration: 3091; | Percent complete: 77.3%; | Average loss: 2.5183 |
| Iteration: 3092; | Percent complete: 77.3%; | Average loss: 2.7496 |
| Iteration: 3093; | Percent complete: 77.3%; | Average loss: 2.6877 |
| Iteration: 3094; | Percent complete: 77.3%; | Average loss: 2.5371 |
| Iteration: 3095; | Percent complete: 77.4%; | Average loss: 2.4979 |
| Iteration: 3096; | Percent complete: 77.4%; | Average loss: 2.4596 |
| Iteration: 3097; | Percent complete: 77.4%; | Average loss: 2.6376 |
| Iteration: 3098; | Percent complete: 77.5%; | Average loss: 2.9035 |
| Iteration: 3099; | Percent complete: 77.5%; | Average loss: 2.5434 |
| Iteration: 3100; | Percent complete: 77.5%; | Average loss: 2.6926 |
| Iteration: 3101; | Percent complete: 77.5%; | Average loss: 2.8284 |
| Iteration: 3102; | Percent complete: 77.5%; | Average loss: 2.3839 |
| Iteration: 3103; | Percent complete: 77.6%; | Average loss: 2.4475 |
| Iteration: 3104; | Percent complete: 77.6%; | Average loss: 2.7636 |

|            |       |         |           |        |         |       |        |
|------------|-------|---------|-----------|--------|---------|-------|--------|
| Iteration: | 3105; | Percent | complete: | 77.6%; | Average | loss: | 2.4268 |
| Iteration: | 3106; | Percent | complete: | 77.6%; | Average | loss: | 2.5351 |
| Iteration: | 3107; | Percent | complete: | 77.7%; | Average | loss: | 2.6889 |
| Iteration: | 3108; | Percent | complete: | 77.7%; | Average | loss: | 2.7760 |
| Iteration: | 3109; | Percent | complete: | 77.7%; | Average | loss: | 2.4897 |
| Iteration: | 3110; | Percent | complete: | 77.8%; | Average | loss: | 2.8826 |
| Iteration: | 3111; | Percent | complete: | 77.8%; | Average | loss: | 2.5996 |
| Iteration: | 3112; | Percent | complete: | 77.8%; | Average | loss: | 2.5865 |
| Iteration: | 3113; | Percent | complete: | 77.8%; | Average | loss: | 2.5861 |
| Iteration: | 3114; | Percent | complete: | 77.8%; | Average | loss: | 2.6275 |
| Iteration: | 3115; | Percent | complete: | 77.9%; | Average | loss: | 2.4952 |
| Iteration: | 3116; | Percent | complete: | 77.9%; | Average | loss: | 2.8175 |
| Iteration: | 3117; | Percent | complete: | 77.9%; | Average | loss: | 2.8603 |
| Iteration: | 3118; | Percent | complete: | 78.0%; | Average | loss: | 2.6703 |
| Iteration: | 3119; | Percent | complete: | 78.0%; | Average | loss: | 2.6253 |
| Iteration: | 3120; | Percent | complete: | 78.0%; | Average | loss: | 2.4842 |
| Iteration: | 3121; | Percent | complete: | 78.0%; | Average | loss: | 2.6607 |
| Iteration: | 3122; | Percent | complete: | 78.0%; | Average | loss: | 2.6997 |
| Iteration: | 3123; | Percent | complete: | 78.1%; | Average | loss: | 2.6731 |
| Iteration: | 3124; | Percent | complete: | 78.1%; | Average | loss: | 2.6896 |
| Iteration: | 3125; | Percent | complete: | 78.1%; | Average | loss: | 2.4155 |
| Iteration: | 3126; | Percent | complete: | 78.1%; | Average | loss: | 2.6526 |
| Iteration: | 3127; | Percent | complete: | 78.2%; | Average | loss: | 2.4932 |
| Iteration: | 3128; | Percent | complete: | 78.2%; | Average | loss: | 2.6313 |
| Iteration: | 3129; | Percent | complete: | 78.2%; | Average | loss: | 2.9094 |
| Iteration: | 3130; | Percent | complete: | 78.2%; | Average | loss: | 2.6809 |
| Iteration: | 3131; | Percent | complete: | 78.3%; | Average | loss: | 2.5463 |
| Iteration: | 3132; | Percent | complete: | 78.3%; | Average | loss: | 2.7978 |
| Iteration: | 3133; | Percent | complete: | 78.3%; | Average | loss: | 2.6995 |
| Iteration: | 3134; | Percent | complete: | 78.3%; | Average | loss: | 2.2959 |
| Iteration: | 3135; | Percent | complete: | 78.4%; | Average | loss: | 2.6470 |
| Iteration: | 3136; | Percent | complete: | 78.4%; | Average | loss: | 2.4695 |
| Iteration: | 3137; | Percent | complete: | 78.4%; | Average | loss: | 2.6001 |
| Iteration: | 3138; | Percent | complete: | 78.5%; | Average | loss: | 2.4987 |
| Iteration: | 3139; | Percent | complete: | 78.5%; | Average | loss: | 2.6724 |
| Iteration: | 3140; | Percent | complete: | 78.5%; | Average | loss: | 2.7007 |
| Iteration: | 3141; | Percent | complete: | 78.5%; | Average | loss: | 2.4614 |
| Iteration: | 3142; | Percent | complete: | 78.5%; | Average | loss: | 2.6704 |
| Iteration: | 3143; | Percent | complete: | 78.6%; | Average | loss: | 2.6454 |
| Iteration: | 3144; | Percent | complete: | 78.6%; | Average | loss: | 2.4648 |
| Iteration: | 3145; | Percent | complete: | 78.6%; | Average | loss: | 2.5957 |
| Iteration: | 3146; | Percent | complete: | 78.6%; | Average | loss: | 2.6979 |
| Iteration: | 3147; | Percent | complete: | 78.7%; | Average | loss: | 2.7968 |
| Iteration: | 3148; | Percent | complete: | 78.7%; | Average | loss: | 2.6438 |
| Iteration: | 3149; | Percent | complete: | 78.7%; | Average | loss: | 2.5196 |
| Iteration: | 3150; | Percent | complete: | 78.8%; | Average | loss: | 2.7871 |
| Iteration: | 3151; | Percent | complete: | 78.8%; | Average | loss: | 2.5611 |
| Iteration: | 3152; | Percent | complete: | 78.8%; | Average | loss: | 2.3837 |
| Iteration: | 3153; | Percent | complete: | 78.8%; | Average | loss: | 2.6039 |
| Iteration: | 3154; | Percent | complete: | 78.8%; | Average | loss: | 2.4864 |
| Iteration: | 3155; | Percent | complete: | 78.9%; | Average | loss: | 2.5831 |
| Iteration: | 3156; | Percent | complete: | 78.9%; | Average | loss: | 2.4130 |
| Iteration: | 3157; | Percent | complete: | 78.9%; | Average | loss: | 2.9067 |
| Iteration: | 3158; | Percent | complete: | 79.0%; | Average | loss: | 2.5430 |
| Iteration: | 3159; | Percent | complete: | 79.0%; | Average | loss: | 2.5460 |
| Iteration: | 3160; | Percent | complete: | 79.0%; | Average | loss: | 2.5112 |
| Iteration: | 3161; | Percent | complete: | 79.0%; | Average | loss: | 2.8916 |
| Iteration: | 3162; | Percent | complete: | 79.0%; | Average | loss: | 2.5947 |
| Iteration: | 3163; | Percent | complete: | 79.1%; | Average | loss: | 2.5743 |
| Iteration: | 3164; | Percent | complete: | 79.1%; | Average | loss: | 2.6690 |
| Iteration: | 3165; | Percent | complete: | 79.1%; | Average | loss: | 2.7519 |
| Iteration: | 3166; | Percent | complete: | 79.1%; | Average | loss: | 2.3774 |
| Iteration: | 3167; | Percent | complete: | 79.2%; | Average | loss: | 2.5876 |
| Iteration: | 3168; | Percent | complete: | 79.2%; | Average | loss: | 2.5842 |



Iteration: 3288; Percent complete: 82.2%; Average loss: 2.5248  
Iteration: 3289; Percent complete: 82.2%; Average loss: 2.4023  
Iteration: 3290; Percent complete: 82.2%; Average loss: 2.4460  
Iteration: 3291; Percent complete: 82.3%; Average loss: 2.5352  
Iteration: 3292; Percent complete: 82.3%; Average loss: 2.5346  
Iteration: 3293; Percent complete: 82.3%; Average loss: 2.8392  
Iteration: 3294; Percent complete: 82.3%; Average loss: 2.5749  
Iteration: 3295; Percent complete: 82.4%; Average loss: 2.4546  
Iteration: 3296; Percent complete: 82.4%; Average loss: 2.8391  
Iteration: 3297; Percent complete: 82.4%; Average loss: 2.3853  
Iteration: 3298; Percent complete: 82.5%; Average loss: 2.6348  
Iteration: 3299; Percent complete: 82.5%; Average loss: 2.3109  
Iteration: 3300; Percent complete: 82.5%; Average loss: 2.6683  
Iteration: 3301; Percent complete: 82.5%; Average loss: 2.5848  
Iteration: 3302; Percent complete: 82.5%; Average loss: 2.6781  
Iteration: 3303; Percent complete: 82.6%; Average loss: 2.6007  
Iteration: 3304; Percent complete: 82.6%; Average loss: 2.5772  
Iteration: 3305; Percent complete: 82.6%; Average loss: 2.4274  
Iteration: 3306; Percent complete: 82.7%; Average loss: 2.6730  
Iteration: 3307; Percent complete: 82.7%; Average loss: 2.3098  
Iteration: 3308; Percent complete: 82.7%; Average loss: 2.5286  
Iteration: 3309; Percent complete: 82.7%; Average loss: 2.7669  
Iteration: 3310; Percent complete: 82.8%; Average loss: 2.5619  
Iteration: 3311; Percent complete: 82.8%; Average loss: 2.3783  
Iteration: 3312; Percent complete: 82.8%; Average loss: 2.5478  
Iteration: 3313; Percent complete: 82.8%; Average loss: 2.5352  
Iteration: 3314; Percent complete: 82.8%; Average loss: 2.6653  
Iteration: 3315; Percent complete: 82.9%; Average loss: 2.7379  
Iteration: 3316; Percent complete: 82.9%; Average loss: 2.8210  
Iteration: 3317; Percent complete: 82.9%; Average loss: 2.2726  
Iteration: 3318; Percent complete: 83.0%; Average loss: 2.9237  
Iteration: 3319; Percent complete: 83.0%; Average loss: 2.5116  
Iteration: 3320; Percent complete: 83.0%; Average loss: 2.4830  
Iteration: 3321; Percent complete: 83.0%; Average loss: 2.8314  
Iteration: 3322; Percent complete: 83.0%; Average loss: 2.5821  
Iteration: 3323; Percent complete: 83.1%; Average loss: 2.6481  
Iteration: 3324; Percent complete: 83.1%; Average loss: 2.6872  
Iteration: 3325; Percent complete: 83.1%; Average loss: 3.2193  
Iteration: 3326; Percent complete: 83.2%; Average loss: 2.6006  
Iteration: 3327; Percent complete: 83.2%; Average loss: 2.6813  
Iteration: 3328; Percent complete: 83.2%; Average loss: 2.8158  
Iteration: 3329; Percent complete: 83.2%; Average loss: 2.5224  
Iteration: 3330; Percent complete: 83.2%; Average loss: 2.3864  
Iteration: 3331; Percent complete: 83.3%; Average loss: 2.9572  
Iteration: 3332; Percent complete: 83.3%; Average loss: 2.4456  
Iteration: 3333; Percent complete: 83.3%; Average loss: 2.9243  
Iteration: 3334; Percent complete: 83.4%; Average loss: 2.5635  
Iteration: 3335; Percent complete: 83.4%; Average loss: 2.8388  
Iteration: 3336; Percent complete: 83.4%; Average loss: 2.6370  
Iteration: 3337; Percent complete: 83.4%; Average loss: 2.7341  
Iteration: 3338; Percent complete: 83.5%; Average loss: 2.2959  
Iteration: 3339; Percent complete: 83.5%; Average loss: 2.8147  
Iteration: 3340; Percent complete: 83.5%; Average loss: 2.6890  
Iteration: 3341; Percent complete: 83.5%; Average loss: 2.6771  
Iteration: 3342; Percent complete: 83.5%; Average loss: 2.6805  
Iteration: 3343; Percent complete: 83.6%; Average loss: 2.5601  
Iteration: 3344; Percent complete: 83.6%; Average loss: 2.6452  
Iteration: 3345; Percent complete: 83.6%; Average loss: 2.6374  
Iteration: 3346; Percent complete: 83.7%; Average loss: 2.4891  
Iteration: 3347; Percent complete: 83.7%; Average loss: 2.5453  
Iteration: 3348; Percent complete: 83.7%; Average loss: 2.5953  
Iteration: 3349; Percent complete: 83.7%; Average loss: 2.7197  
Iteration: 3350; Percent complete: 83.8%; Average loss: 2.7598  
Iteration: 3351; Percent complete: 83.8%; Average loss: 2.4107  
Iteration: 3352; Percent complete: 83.8%; Average loss: 2.7095  
Iteration: 3353; Percent complete: 83.8%; Average loss: 2.6465  
Iteration: 3354; Percent complete: 83.9%; Average loss: 2.5019  
Iteration: 3355; Percent complete: 83.9%; Average loss: 2.5375  
Iteration: 3356; Percent complete: 83.9%; Average loss: 2.4983  
Iteration: 3357; Percent complete: 83.9%; Average loss: 2.5979  
Iteration: 3358; Percent complete: 84.0%; Average loss: 2.4123  
Iteration: 3359; Percent complete: 84.0%; Average loss: 2.4928  
Iteration: 3360; Percent complete: 84.0%; Average loss: 2.4545  
Iteration: 3361; Percent complete: 84.0%; Average loss: 2.6169  
Iteration: 3362; Percent complete: 84.0%; Average loss: 2.6690  
Iteration: 3363; Percent complete: 84.1%; Average loss: 2.6935  
Iteration: 3364; Percent complete: 84.1%; Average loss: 2.7465  
Iteration: 3365; Percent complete: 84.1%; Average loss: 2.7062  
Iteration: 3366; Percent complete: 84.2%; Average loss: 2.6309  
Iteration: 3367; Percent complete: 84.2%; Average loss: 2.3609  
Iteration: 3368; Percent complete: 84.2%; Average loss: 2.5428  
Iteration: 3369; Percent complete: 84.2%; Average loss: 2.6349  
Iteration: 3370; Percent complete: 84.2%; Average loss: 2.7353  
Iteration: 3371; Percent complete: 84.3%; Average loss: 2.6526  
Iteration: 3372; Percent complete: 84.3%; Average loss: 2.5391  
Iteration: 3373; Percent complete: 84.3%; Average loss: 2.6699  
Iteration: 3374; Percent complete: 84.4%; Average loss: 2.2665  
Iteration: 3375; Percent complete: 84.4%; Average loss: 2.4569  
Iteration: 3376; Percent complete: 84.4%; Average loss: 2.4301  
Iteration: 3377; Percent complete: 84.4%; Average loss: 2.5461  
Iteration: 3378; Percent complete: 84.5%; Average loss: 2.5489

|            |       |                   |        |               |        |
|------------|-------|-------------------|--------|---------------|--------|
| Iteration: | 3379; | Percent complete: | 84.5%; | Average loss: | 2.6512 |
| Iteration: | 3380; | Percent complete: | 84.5%; | Average loss: | 2.7854 |
| Iteration: | 3381; | Percent complete: | 84.5%; | Average loss: | 2.4129 |
| Iteration: | 3382; | Percent complete: | 84.5%; | Average loss: | 2.7869 |
| Iteration: | 3383; | Percent complete: | 84.6%; | Average loss: | 2.5094 |
| Iteration: | 3384; | Percent complete: | 84.6%; | Average loss: | 2.6155 |
| Iteration: | 3385; | Percent complete: | 84.6%; | Average loss: | 2.5901 |
| Iteration: | 3386; | Percent complete: | 84.7%; | Average loss: | 2.5106 |
| Iteration: | 3387; | Percent complete: | 84.7%; | Average loss: | 2.6333 |
| Iteration: | 3388; | Percent complete: | 84.7%; | Average loss: | 2.3928 |
| Iteration: | 3389; | Percent complete: | 84.7%; | Average loss: | 2.4910 |
| Iteration: | 3390; | Percent complete: | 84.8%; | Average loss: | 2.8395 |
| Iteration: | 3391; | Percent complete: | 84.8%; | Average loss: | 2.7884 |
| Iteration: | 3392; | Percent complete: | 84.8%; | Average loss: | 2.6423 |
| Iteration: | 3393; | Percent complete: | 84.8%; | Average loss: | 2.4620 |
| Iteration: | 3394; | Percent complete: | 84.9%; | Average loss: | 2.3411 |
| Iteration: | 3395; | Percent complete: | 84.9%; | Average loss: | 2.4536 |
| Iteration: | 3396; | Percent complete: | 84.9%; | Average loss: | 2.7877 |
| Iteration: | 3397; | Percent complete: | 84.9%; | Average loss: | 2.5936 |
| Iteration: | 3398; | Percent complete: | 85.0%; | Average loss: | 2.5522 |
| Iteration: | 3399; | Percent complete: | 85.0%; | Average loss: | 2.5203 |
| Iteration: | 3400; | Percent complete: | 85.0%; | Average loss: | 2.4889 |
| Iteration: | 3401; | Percent complete: | 85.0%; | Average loss: | 2.5802 |
| Iteration: | 3402; | Percent complete: | 85.0%; | Average loss: | 2.8562 |
| Iteration: | 3403; | Percent complete: | 85.1%; | Average loss: | 2.6559 |
| Iteration: | 3404; | Percent complete: | 85.1%; | Average loss: | 2.3794 |
| Iteration: | 3405; | Percent complete: | 85.1%; | Average loss: | 2.6813 |
| Iteration: | 3406; | Percent complete: | 85.2%; | Average loss: | 2.6726 |
| Iteration: | 3407; | Percent complete: | 85.2%; | Average loss: | 2.7760 |
| Iteration: | 3408; | Percent complete: | 85.2%; | Average loss: | 2.5587 |
| Iteration: | 3409; | Percent complete: | 85.2%; | Average loss: | 2.6460 |
| Iteration: | 3410; | Percent complete: | 85.2%; | Average loss: | 2.6478 |
| Iteration: | 3411; | Percent complete: | 85.3%; | Average loss: | 2.5481 |
| Iteration: | 3412; | Percent complete: | 85.3%; | Average loss: | 2.6278 |
| Iteration: | 3413; | Percent complete: | 85.3%; | Average loss: | 2.6500 |
| Iteration: | 3414; | Percent complete: | 85.4%; | Average loss: | 2.5237 |
| Iteration: | 3415; | Percent complete: | 85.4%; | Average loss: | 2.7427 |
| Iteration: | 3416; | Percent complete: | 85.4%; | Average loss: | 2.4226 |
| Iteration: | 3417; | Percent complete: | 85.4%; | Average loss: | 2.3352 |
| Iteration: | 3418; | Percent complete: | 85.5%; | Average loss: | 2.5722 |
| Iteration: | 3419; | Percent complete: | 85.5%; | Average loss: | 2.3553 |
| Iteration: | 3420; | Percent complete: | 85.5%; | Average loss: | 2.3400 |
| Iteration: | 3421; | Percent complete: | 85.5%; | Average loss: | 2.7025 |
| Iteration: | 3422; | Percent complete: | 85.5%; | Average loss: | 2.4599 |
| Iteration: | 3423; | Percent complete: | 85.6%; | Average loss: | 2.4259 |
| Iteration: | 3424; | Percent complete: | 85.6%; | Average loss: | 2.4581 |
| Iteration: | 3425; | Percent complete: | 85.6%; | Average loss: | 2.4636 |
| Iteration: | 3426; | Percent complete: | 85.7%; | Average loss: | 2.5145 |
| Iteration: | 3427; | Percent complete: | 85.7%; | Average loss: | 2.4615 |
| Iteration: | 3428; | Percent complete: | 85.7%; | Average loss: | 2.5103 |
| Iteration: | 3429; | Percent complete: | 85.7%; | Average loss: | 2.5572 |
| Iteration: | 3430; | Percent complete: | 85.8%; | Average loss: | 2.6936 |
| Iteration: | 3431; | Percent complete: | 85.8%; | Average loss: | 2.5260 |
| Iteration: | 3432; | Percent complete: | 85.8%; | Average loss: | 2.5580 |
| Iteration: | 3433; | Percent complete: | 85.8%; | Average loss: | 2.6125 |
| Iteration: | 3434; | Percent complete: | 85.9%; | Average loss: | 2.5036 |
| Iteration: | 3435; | Percent complete: | 85.9%; | Average loss: | 2.5869 |
| Iteration: | 3436; | Percent complete: | 85.9%; | Average loss: | 2.6684 |
| Iteration: | 3437; | Percent complete: | 85.9%; | Average loss: | 2.5437 |
| Iteration: | 3438; | Percent complete: | 86.0%; | Average loss: | 2.5278 |
| Iteration: | 3439; | Percent complete: | 86.0%; | Average loss: | 2.5767 |
| Iteration: | 3440; | Percent complete: | 86.0%; | Average loss: | 2.4230 |
| Iteration: | 3441; | Percent complete: | 86.0%; | Average loss: | 2.6551 |
| Iteration: | 3442; | Percent complete: | 86.1%; | Average loss: | 2.4151 |
| Iteration: | 3443; | Percent complete: | 86.1%; | Average loss: | 2.7089 |
| Iteration: | 3444; | Percent complete: | 86.1%; | Average loss: | 2.7426 |
| Iteration: | 3445; | Percent complete: | 86.1%; | Average loss: | 2.7041 |
| Iteration: | 3446; | Percent complete: | 86.2%; | Average loss: | 2.9057 |
| Iteration: | 3447; | Percent complete: | 86.2%; | Average loss: | 2.6669 |
| Iteration: | 3448; | Percent complete: | 86.2%; | Average loss: | 2.4028 |
| Iteration: | 3449; | Percent complete: | 86.2%; | Average loss: | 2.8824 |
| Iteration: | 3450; | Percent complete: | 86.2%; | Average loss: | 2.3932 |
| Iteration: | 3451; | Percent complete: | 86.3%; | Average loss: | 2.5923 |
| Iteration: | 3452; | Percent complete: | 86.3%; | Average loss: | 2.7695 |
| Iteration: | 3453; | Percent complete: | 86.3%; | Average loss: | 2.5126 |
| Iteration: | 3454; | Percent complete: | 86.4%; | Average loss: | 2      |



|            |       |                   |        |               |        |
|------------|-------|-------------------|--------|---------------|--------|
| Iteration: | 3470; | Percent complete: | 86.8%; | Average loss: | 2.5183 |
| Iteration: | 3471; | Percent complete: | 86.8%; | Average loss: | 2.7444 |
| Iteration: | 3472; | Percent complete: | 86.8%; | Average loss: | 2.5027 |
| Iteration: | 3473; | Percent complete: | 86.8%; | Average loss: | 2.6381 |
| Iteration: | 3474; | Percent complete: | 86.9%; | Average loss: | 2.4467 |
| Iteration: | 3475; | Percent complete: | 86.9%; | Average loss: | 2.7476 |
| Iteration: | 3476; | Percent complete: | 86.9%; | Average loss: | 2.4564 |
| Iteration: | 3477; | Percent complete: | 86.9%; | Average loss: | 2.4866 |
| Iteration: | 3478; | Percent complete: | 87.0%; | Average loss: | 2.5514 |
| Iteration: | 3479; | Percent complete: | 87.0%; | Average loss: | 2.4169 |
| Iteration: | 3480; | Percent complete: | 87.0%; | Average loss: | 2.5648 |
| Iteration: | 3481; | Percent complete: | 87.0%; | Average loss: | 2.6197 |
| Iteration: | 3482; | Percent complete: | 87.1%; | Average loss: | 2.3708 |
| Iteration: | 3483; | Percent complete: | 87.1%; | Average loss: | 2.5215 |
| Iteration: | 3484; | Percent complete: | 87.1%; | Average loss: | 2.7655 |
| Iteration: | 3485; | Percent complete: | 87.1%; | Average loss: | 2.5101 |
| Iteration: | 3486; | Percent complete: | 87.2%; | Average loss: | 2.6394 |
| Iteration: | 3487; | Percent complete: | 87.2%; | Average loss: | 2.5148 |
| Iteration: | 3488; | Percent complete: | 87.2%; | Average loss: | 2.4207 |
| Iteration: | 3489; | Percent complete: | 87.2%; | Average loss: | 2.4842 |
| Iteration: | 3490; | Percent complete: | 87.2%; | Average loss: | 2.5909 |
| Iteration: | 3491; | Percent complete: | 87.3%; | Average loss: | 2.3795 |
| Iteration: | 3492; | Percent complete: | 87.3%; | Average loss: | 2.7815 |
| Iteration: | 3493; | Percent complete: | 87.3%; | Average loss: | 2.4284 |
| Iteration: | 3494; | Percent complete: | 87.4%; | Average loss: | 2.6688 |
| Iteration: | 3495; | Percent complete: | 87.4%; | Average loss: | 2.4819 |
| Iteration: | 3496; | Percent complete: | 87.4%; | Average loss: | 2.3967 |
| Iteration: | 3497; | Percent complete: | 87.4%; | Average loss: | 2.4560 |
| Iteration: | 3498; | Percent complete: | 87.5%; | Average loss: | 2.3161 |
| Iteration: | 3499; | Percent complete: | 87.5%; | Average loss: | 2.6801 |
| Iteration: | 3500; | Percent complete: | 87.5%; | Average loss: | 2.4932 |
| Iteration: | 3501; | Percent complete: | 87.5%; | Average loss: | 2.6716 |
| Iteration: | 3502; | Percent complete: | 87.5%; | Average loss: | 2.3159 |
| Iteration: | 3503; | Percent complete: | 87.6%; | Average loss: | 2.5724 |
| Iteration: | 3504; | Percent complete: | 87.6%; | Average loss: | 2.4827 |
| Iteration: | 3505; | Percent complete: | 87.6%; | Average loss: | 2.5836 |
| Iteration: | 3506; | Percent complete: | 87.6%; | Average loss: | 2.5787 |
| Iteration: | 3507; | Percent complete: | 87.7%; | Average loss: | 2.5743 |
| Iteration: | 3508; | Percent complete: | 87.7%; | Average loss: | 2.3322 |
| Iteration: | 3509; | Percent complete: | 87.7%; | Average loss: | 2.6043 |
| Iteration: | 3510; | Percent complete: | 87.8%; | Average loss: | 2.6397 |
| Iteration: | 3511; | Percent complete: | 87.8%; | Average loss: | 2.8415 |
| Iteration: | 3512; | Percent complete: | 87.8%; | Average loss: | 2.6539 |
| Iteration: | 3513; | Percent complete: | 87.8%; | Average loss: | 2.3936 |
| Iteration: | 3514; | Percent complete: | 87.8%; | Average loss: | 2.6539 |
| Iteration: | 3515; | Percent complete: | 87.9%; | Average loss: | 2.8942 |
| Iteration: | 3516; | Percent complete: | 87.9%; | Average loss: | 2.4408 |
| Iteration: | 3517; | Percent complete: | 87.9%; | Average loss: | 2.4203 |
| Iteration: | 3518; | Percent complete: | 87.9%; | Average loss: | 2.6740 |
| Iteration: | 3519; | Percent complete: | 88.0%; | Average loss: | 2.7027 |
| Iteration: | 3520; | Percent complete: | 88.0%; | Average loss: | 2.4858 |
| Iteration: | 3521; | Percent complete: | 88.0%; | Average loss: | 2.4721 |
| Iteration: | 3522; | Percent complete: | 88.0%; | Average loss: | 2.4933 |
| Iteration: | 3523; | Percent complete: | 88.1%; | Average loss: | 2.6316 |
| Iteration: | 3524; | Percent complete: | 88.1%; | Average loss: | 2.5274 |
| Iteration: | 3525; | Percent complete: | 88.1%; | Average loss: | 2.7803 |
| Iteration: | 3526; | Percent complete: | 88.1%; | Average loss: | 2.7543 |
| Iteration: | 3527; | Percent complete: | 88.2%; | Average loss: | 2.4745 |
| Iteration: | 3528; | Percent complete: | 88.2%; | Average loss: | 2.5675 |
| Iteration: | 3529; | Percent complete: | 88.2%; | Average loss: | 2.7796 |
| Iteration: | 3530; | Percent complete: | 88.2%; | Average loss: | 2.4348 |
| Iteration: | 3531; | Percent complete: | 88.3%; | Average loss: | 2.5341 |
| Iteration: | 3532; | Percent complete: | 88.3%; | Average loss: | 2.5579 |
| Iteration: | 3533; | Percent complete: | 88.3%; | Average loss: | 2.5853 |
| Iteration: | 3534; | Percent complete: | 88.3%; | Average loss: | 2.3962 |
| Iteration: | 3535; | Percent complete: | 88.4%; | Average loss: | 2.7793 |
| Iteration: | 3536; | Percent complete: | 88.4%; | Average loss: | 2.5845 |
| Iteration: | 3537; | Percent complete: | 88.4%; | Average loss: | 2.4770 |
| Iteration: | 3538; | Percent complete: | 88.4%; | Average loss: | 2.6075 |
| Iteration: | 3539; | Percent complete: | 88.5%; | Average loss: | 2.7905 |
| Iteration: | 3540; | Percent complete: | 88.5%; | Average loss: | 2.7729 |
| Iteration: | 3541; | Percent complete: | 88.5%; | Average loss: | 2.5474 |
| Iteration: | 3542; | Percent complete: | 88.5%; | Average loss: | 2.5054 |
| Iteration: | 3543; | Percent complete: | 88.6%; | Average loss: | 2.5697 |
| Iteration: | 3544; | Percent complete: | 88.6%; | Average loss: | 2.5793 |
| Iteration: | 3545; | Percent complete: | 88.6%; | Average loss: | 2      |

Iteration: 3581; Percent complete: 89.0%; Average loss: 2.7250  
Iteration: 3562; Percent complete: 89.0%; Average loss: 2.3962  
Iteration: 3563; Percent complete: 89.1%; Average loss: 2.5601  
Iteration: 3564; Percent complete: 89.1%; Average loss: 2.3667  
Iteration: 3565; Percent complete: 89.1%; Average loss: 2.7460  
Iteration: 3566; Percent complete: 89.1%; Average loss: 2.5234  
Iteration: 3567; Percent complete: 89.2%; Average loss: 2.4098  
Iteration: 3568; Percent complete: 89.2%; Average loss: 2.5674  
Iteration: 3569; Percent complete: 89.2%; Average loss: 2.6257  
Iteration: 3570; Percent complete: 89.2%; Average loss: 2.5652  
Iteration: 3571; Percent complete: 89.3%; Average loss: 2.4670  
Iteration: 3572; Percent complete: 89.3%; Average loss: 2.4462  
Iteration: 3573; Percent complete: 89.3%; Average loss: 2.5988  
Iteration: 3574; Percent complete: 89.3%; Average loss: 2.6771  
Iteration: 3575; Percent complete: 89.4%; Average loss: 2.5218  
Iteration: 3576; Percent complete: 89.4%; Average loss: 2.4354  
Iteration: 3577; Percent complete: 89.4%; Average loss: 2.6660  
Iteration: 3578; Percent complete: 89.5%; Average loss: 2.6038  
Iteration: 3579; Percent complete: 89.5%; Average loss: 2.4575  
Iteration: 3580; Percent complete: 89.5%; Average loss: 2.5903  
Iteration: 3581; Percent complete: 89.5%; Average loss: 2.4275  
Iteration: 3582; Percent complete: 89.5%; Average loss: 2.8495  
Iteration: 3583; Percent complete: 89.6%; Average loss: 2.5799  
Iteration: 3584; Percent complete: 89.6%; Average loss: 2.4163  
Iteration: 3585; Percent complete: 89.6%; Average loss: 2.3490  
Iteration: 3586; Percent complete: 89.6%; Average loss: 2.6908  
Iteration: 3587; Percent complete: 89.7%; Average loss: 2.3662  
Iteration: 3588; Percent complete: 89.7%; Average loss: 2.4496  
Iteration: 3589; Percent complete: 89.7%; Average loss: 2.8905  
Iteration: 3590; Percent complete: 89.8%; Average loss: 2.4031  
Iteration: 3591; Percent complete: 89.8%; Average loss: 2.7390  
Iteration: 3592; Percent complete: 89.8%; Average loss: 2.5757  
Iteration: 3593; Percent complete: 89.8%; Average loss: 2.5904  
Iteration: 3594; Percent complete: 89.8%; Average loss: 2.6320  
Iteration: 3595; Percent complete: 89.9%; Average loss: 2.4804  
Iteration: 3596; Percent complete: 89.9%; Average loss: 2.3420  
Iteration: 3597; Percent complete: 89.9%; Average loss: 2.3694  
Iteration: 3598; Percent complete: 90.0%; Average loss: 2.5936  
Iteration: 3599; Percent complete: 90.0%; Average loss: 2.7465  
Iteration: 3600; Percent complete: 90.0%; Average loss: 2.7084  
Iteration: 3601; Percent complete: 90.0%; Average loss: 2.5149  
Iteration: 3602; Percent complete: 90.0%; Average loss: 2.6115  
Iteration: 3603; Percent complete: 90.1%; Average loss: 2.7310  
Iteration: 3604; Percent complete: 90.1%; Average loss: 2.4881  
Iteration: 3605; Percent complete: 90.1%; Average loss: 2.2726  
Iteration: 3606; Percent complete: 90.1%; Average loss: 2.5625  
Iteration: 3607; Percent complete: 90.2%; Average loss: 2.5517  
Iteration: 3608; Percent complete: 90.2%; Average loss: 2.5547  
Iteration: 3609; Percent complete: 90.2%; Average loss: 2.4708  
Iteration: 3610; Percent complete: 90.2%; Average loss: 2.6328  
Iteration: 3611; Percent complete: 90.3%; Average loss: 2.3430  
Iteration: 3612; Percent complete: 90.3%; Average loss: 2.7739  
Iteration: 3613; Percent complete: 90.3%; Average loss: 2.8002  
Iteration: 3614; Percent complete: 90.3%; Average loss: 2.7217  
Iteration: 3615; Percent complete: 90.4%; Average loss: 2.4336  
Iteration: 3616; Percent complete: 90.4%; Average loss: 2.6659  
Iteration: 3617; Percent complete: 90.4%; Average loss: 2.3636  
Iteration: 3618; Percent complete: 90.5%; Average loss: 2.7673  
Iteration: 3619; Percent complete: 90.5%; Average loss: 2.4167  
Iteration: 3620; Percent complete: 90.5%; Average loss: 2.9019  
Iteration: 3621; Percent complete: 90.5%; Average loss: 2.7146  
Iteration: 3622; Percent complete: 90.5%; Average loss: 2.6080  
Iteration: 3623; Percent complete: 90.6%; Average loss: 2.3038  
Iteration: 3624; Percent complete: 90.6%; Average loss: 2.5781  
Iteration: 3625; Percent complete: 90.6%; Average loss: 2.6795  
Iteration: 3626; Percent complete: 90.6%; Average loss: 2.3167  
Iteration: 3627; Percent complete: 90.7%; Average loss: 2.6958  
Iteration: 3628; Percent complete: 90.7%; Average loss: 2.9242  
Iteration: 3629; Percent complete: 90.7%; Average loss: 2.5149  
Iteration: 3630; Percent complete: 90.8%; Average loss: 2.5430  
Iteration: 3631; Percent complete: 90.8%; Average loss: 2.6251  
Iteration: 3632; Percent complete: 90.8%; Average loss: 2.4752  
Iteration: 3633; Percent complete: 90.8%; Average loss: 2.5110  
Iteration: 3634; Percent complete: 90.8%; Average loss: 2.5634  
Iteration: 3635; Percent complete: 90.9%; Average loss: 2.4385  
Iteration: 3636; Percent complete: 90.9%; Average loss: 2.7924  
Iteration: 3637; Percent complete: 90.9%; Average loss: 2.7740  
Iteration: 3638; Percent complete: 91.0%; Average loss: 2.4897  
Iteration: 3639; Percent complete: 91.0%; Average loss: 2.4175  
Iteration: 3640; Percent complete: 91.0%; Average loss: 2.6532  
Iteration: 3641; Percent complete: 91.0%; Average loss: 2.6129  
Iteration: 3642; Percent complete: 91.0%; Average loss: 2.5207  
Iteration: 3643; Percent complete: 91.1%; Average loss: 2.4373  
Iteration: 3644; Percent complete: 91.1%; Average loss: 2.3576  
Iteration: 3645; Percent complete: 91.1%; Average loss: 2.4027  
Iteration: 3646; Percent complete: 91.1%; Average loss: 2.4543  
Iteration: 3647; Percent complete: 91.2%; Average loss: 2.4064  
Iteration: 3648; Percent complete: 91.2%; Average loss: 2.4026  
Iteration: 3649; Percent complete: 91.2%; Average loss: 2.3655  
Iteration: 3650; Percent complete: 91.2%; Average loss: 2.4188  
Iteration: 3651; Percent complete: 91.3%; Average loss: 2.5807  
Iteration: 3652; Percent complete: 91.3%; Average loss: 2.5493

|            |       |         |           |        |         |       |        |
|------------|-------|---------|-----------|--------|---------|-------|--------|
| Iteration: | 3653; | Percent | complete: | 91.3%; | Average | loss: | 2.3720 |
| Iteration: | 3654; | Percent | complete: | 91.3%; | Average | loss: | 2.7915 |
| Iteration: | 3655; | Percent | complete: | 91.4%; | Average | loss: | 2.6449 |
| Iteration: | 3656; | Percent | complete: | 91.4%; | Average | loss: | 2.5076 |
| Iteration: | 3657; | Percent | complete: | 91.4%; | Average | loss: | 2.3808 |
| Iteration: | 3658; | Percent | complete: | 91.5%; | Average | loss: | 2.3628 |
| Iteration: | 3659; | Percent | complete: | 91.5%; | Average | loss: | 2.3572 |
| Iteration: | 3660; | Percent | complete: | 91.5%; | Average | loss: | 2.5697 |
| Iteration: | 3661; | Percent | complete: | 91.5%; | Average | loss: | 2.6817 |
| Iteration: | 3662; | Percent | complete: | 91.5%; | Average | loss: | 2.7008 |
| Iteration: | 3663; | Percent | complete: | 91.6%; | Average | loss: | 2.7342 |
| Iteration: | 3664; | Percent | complete: | 91.6%; | Average | loss: | 2.4220 |
| Iteration: | 3665; | Percent | complete: | 91.6%; | Average | loss: | 2.5612 |
| Iteration: | 3666; | Percent | complete: | 91.6%; | Average | loss: | 2.4889 |
| Iteration: | 3667; | Percent | complete: | 91.7%; | Average | loss: | 2.5746 |
| Iteration: | 3668; | Percent | complete: | 91.7%; | Average | loss: | 2.4383 |
| Iteration: | 3669; | Percent | complete: | 91.7%; | Average | loss: | 2.7979 |
| Iteration: | 3670; | Percent | complete: | 91.8%; | Average | loss: | 2.4049 |
| Iteration: | 3671; | Percent | complete: | 91.8%; | Average | loss: | 2.3845 |
| Iteration: | 3672; | Percent | complete: | 91.8%; | Average | loss: | 2.8834 |
| Iteration: | 3673; | Percent | complete: | 91.8%; | Average | loss: | 2.4839 |
| Iteration: | 3674; | Percent | complete: | 91.8%; | Average | loss: | 2.6519 |
| Iteration: | 3675; | Percent | complete: | 91.9%; | Average | loss: | 2.5362 |
| Iteration: | 3676; | Percent | complete: | 91.9%; | Average | loss: | 2.6095 |
| Iteration: | 3677; | Percent | complete: | 91.9%; | Average | loss: | 2.6744 |
| Iteration: | 3678; | Percent | complete: | 92.0%; | Average | loss: | 2.4770 |
| Iteration: | 3679; | Percent | complete: | 92.0%; | Average | loss: | 2.3836 |
| Iteration: | 3680; | Percent | complete: | 92.0%; | Average | loss: | 2.4055 |
| Iteration: | 3681; | Percent | complete: | 92.0%; | Average | loss: | 2.6678 |
| Iteration: | 3682; | Percent | complete: | 92.0%; | Average | loss: | 2.4652 |
| Iteration: | 3683; | Percent | complete: | 92.1%; | Average | loss: | 2.4540 |
| Iteration: | 3684; | Percent | complete: | 92.1%; | Average | loss: | 2.5466 |
| Iteration: | 3685; | Percent | complete: | 92.1%; | Average | loss: | 2.3672 |
| Iteration: | 3686; | Percent | complete: | 92.2%; | Average | loss: | 2.3633 |
| Iteration: | 3687; | Percent | complete: | 92.2%; | Average | loss: | 2.4955 |
| Iteration: | 3688; | Percent | complete: | 92.2%; | Average | loss: | 2.5966 |
| Iteration: | 3689; | Percent | complete: | 92.2%; | Average | loss: | 2.3938 |
| Iteration: | 3690; | Percent | complete: | 92.2%; | Average | loss: | 2.2325 |
| Iteration: | 3691; | Percent | complete: | 92.3%; | Average | loss: | 2.6623 |
| Iteration: | 3692; | Percent | complete: | 92.3%; | Average | loss: | 2.6175 |
| Iteration: | 3693; | Percent | complete: | 92.3%; | Average | loss: | 2.3835 |
| Iteration: | 3694; | Percent | complete: | 92.3%; | Average | loss: | 2.4638 |
| Iteration: | 3695; | Percent | complete: | 92.4%; | Average | loss: | 2.6383 |
| Iteration: | 3696; | Percent | complete: | 92.4%; | Average | loss: | 2.5639 |
| Iteration: | 3697; | Percent | complete: | 92.4%; | Average | loss: | 2.3883 |
| Iteration: | 3698; | Percent | complete: | 92.5%; | Average | loss: | 2.5814 |
| Iteration: | 3699; | Percent | complete: | 92.5%; | Average | loss: | 2.6620 |
| Iteration: | 3700; | Percent | complete: | 92.5%; | Average | loss: | 2.4868 |
| Iteration: | 3701; | Percent | complete: | 92.5%; | Average | loss: | 2.4667 |
| Iteration: | 3702; | Percent | complete: | 92.5%; | Average | loss: | 2.5107 |
| Iteration: | 3703; | Percent | complete: | 92.6%; | Average | loss: | 2.4707 |
| Iteration: | 3704; | Percent | complete: | 92.6%; | Average | loss: | 2.5114 |
| Iteration: | 3705; | Percent | complete: | 92.6%; | Average | loss: | 2.3019 |
| Iteration: | 3706; | Percent | complete: | 92.7%; | Average | loss: | 2.3814 |
| Iteration: | 3707; | Percent | complete: | 92.7%; | Average | loss: | 2.4394 |
| Iteration: | 3708; | Percent | complete: | 92.7%; | Average | loss: | 2.6809 |
| Iteration: | 3709; | Percent | complete: | 92.7%; | Average | loss: | 2.5033 |
| Iteration: | 3710; | Percent | complete: | 92.8%; | Average | loss: | 2.6816 |
| Iteration: | 3711; | Percent | complete: | 92.8%; | Average | loss: | 2.5028 |
| Iteration: | 3712; | Percent | complete: | 92.8%; | Average | loss: | 2.5074 |
| Iteration: | 3713; | Percent | complete: | 92.8%; | Average | loss: | 2.4887 |
| Iteration: | 3714; | Percent | complete: | 92.8%; | Average | loss: | 2.6653 |
| Iteration: | 3715; | Percent | complete: | 92.9%; | Average | loss: | 2.4317 |
| Iteration: | 3716; | Percent | complete: | 92.9%; | Average | loss: | 2.7066 |

Iteration: 3744; Percent complete: 93.6%; Average loss: 2.6529  
Iteration: 3745; Percent complete: 93.6%; Average loss: 2.4883  
Iteration: 3746; Percent complete: 93.7%; Average loss: 2.6260  
Iteration: 3747; Percent complete: 93.7%; Average loss: 2.6110  
Iteration: 3748; Percent complete: 93.7%; Average loss: 2.5984  
Iteration: 3749; Percent complete: 93.7%; Average loss: 2.8256  
Iteration: 3750; Percent complete: 93.8%; Average loss: 2.6178  
Iteration: 3751; Percent complete: 93.8%; Average loss: 2.4288  
Iteration: 3752; Percent complete: 93.8%; Average loss: 2.2944  
Iteration: 3753; Percent complete: 93.8%; Average loss: 2.3643  
Iteration: 3754; Percent complete: 93.8%; Average loss: 2.6180  
Iteration: 3755; Percent complete: 93.9%; Average loss: 2.5692  
Iteration: 3756; Percent complete: 93.9%; Average loss: 2.6528  
Iteration: 3757; Percent complete: 93.9%; Average loss: 2.4376  
Iteration: 3758; Percent complete: 94.0%; Average loss: 2.5410  
Iteration: 3759; Percent complete: 94.0%; Average loss: 2.4369  
Iteration: 3760; Percent complete: 94.0%; Average loss: 2.5035  
Iteration: 3761; Percent complete: 94.0%; Average loss: 2.5588  
Iteration: 3762; Percent complete: 94.0%; Average loss: 2.7376  
Iteration: 3763; Percent complete: 94.1%; Average loss: 2.3711  
Iteration: 3764; Percent complete: 94.1%; Average loss: 2.3798  
Iteration: 3765; Percent complete: 94.1%; Average loss: 2.5064  
Iteration: 3766; Percent complete: 94.2%; Average loss: 2.4649  
Iteration: 3767; Percent complete: 94.2%; Average loss: 2.3989  
Iteration: 3768; Percent complete: 94.2%; Average loss: 2.6603  
Iteration: 3769; Percent complete: 94.2%; Average loss: 2.5561  
Iteration: 3770; Percent complete: 94.2%; Average loss: 2.4854  
Iteration: 3771; Percent complete: 94.3%; Average loss: 2.1915  
Iteration: 3772; Percent complete: 94.3%; Average loss: 2.6553  
Iteration: 3773; Percent complete: 94.3%; Average loss: 2.1720  
Iteration: 3774; Percent complete: 94.3%; Average loss: 2.7466  
Iteration: 3775; Percent complete: 94.4%; Average loss: 2.5240  
Iteration: 3776; Percent complete: 94.4%; Average loss: 2.4753  
Iteration: 3777; Percent complete: 94.4%; Average loss: 2.4036  
Iteration: 3778; Percent complete: 94.5%; Average loss: 2.5945  
Iteration: 3779; Percent complete: 94.5%; Average loss: 2.4160  
Iteration: 3780; Percent complete: 94.5%; Average loss: 2.5413  
Iteration: 3781; Percent complete: 94.5%; Average loss: 2.7555  
Iteration: 3782; Percent complete: 94.5%; Average loss: 2.3804  
Iteration: 3783; Percent complete: 94.6%; Average loss: 2.3730  
Iteration: 3784; Percent complete: 94.6%; Average loss: 2.7528  
Iteration: 3785; Percent complete: 94.6%; Average loss: 2.3827  
Iteration: 3786; Percent complete: 94.7%; Average loss: 2.4240  
Iteration: 3787; Percent complete: 94.7%; Average loss: 2.7023  
Iteration: 3788; Percent complete: 94.7%; Average loss: 2.6272  
Iteration: 3789; Percent complete: 94.7%; Average loss: 2.4830  
Iteration: 3790; Percent complete: 94.8%; Average loss: 2.5846  
Iteration: 3791; Percent complete: 94.8%; Average loss: 2.5571  
Iteration: 3792; Percent complete: 94.8%; Average loss: 2.4892  
Iteration: 3793; Percent complete: 94.8%; Average loss: 2.3574  
Iteration: 3794; Percent complete: 94.8%; Average loss: 2.5207  
Iteration: 3795; Percent complete: 94.9%; Average loss: 2.5212  
Iteration: 3796; Percent complete: 94.9%; Average loss: 2.4629  
Iteration: 3797; Percent complete: 94.9%; Average loss: 2.5067  
Iteration: 3798; Percent complete: 95.0%; Average loss: 2.4484  
Iteration: 3799; Percent complete: 95.0%; Average loss: 2.3969  
Iteration: 3800; Percent complete: 95.0%; Average loss: 2.6248  
Iteration: 3801; Percent complete: 95.0%; Average loss: 2.6469  
Iteration: 3802; Percent complete: 95.0%; Average loss: 2.5604  
Iteration: 3803; Percent complete: 95.1%; Average loss: 2.4683  
Iteration: 3804; Percent complete: 95.1%; Average loss: 2.4594  
Iteration: 3805; Percent complete: 95.1%; Average loss: 2.4326  
Iteration: 3806; Percent complete: 95.2%; Average loss: 2.6373  
Iteration: 3807; Percent complete: 95.2%; Average loss: 2.2157  
Iteration: 3808; Percent complete: 95.2%; Average loss: 2.5337  
Iteration: 3809; Percent complete: 95.2%; Average loss: 2.6006  
Iteration: 3810; Percent complete: 95.2%; Average loss: 2.4493  
Iteration: 3811; Percent complete: 95.3%; Average loss: 2.3391  
Iteration: 3812; Percent complete: 95.3%; Average loss: 2.3455  
Iteration: 3813; Percent complete: 95.3%; Average loss: 2.7709  
Iteration: 3814; Percent complete: 95.3%; Average loss: 2.3929  
Iteration: 3815; Percent complete: 95.4%; Average loss: 2.6904  
Iteration: 3816; Percent complete: 95.4%; Average loss: 2.5088  
Iteration: 3817; Percent complete: 95.4%; Average loss: 2.6279  
Iteration: 3818; Percent complete: 95.5%; Average loss: 2.2871  
Iteration: 3819; Percent complete: 95.5%; Average loss: 2.5784  
Iteration: 3820; Percent complete: 95.5%; Average loss: 2.7477  
Iteration: 3821; Percent complete: 95.5%; Average loss: 2.5292  
Iteration: 3822; Percent complete: 95.5%; Average loss: 2.7650  
Iteration: 3823; Percent complete: 95.6%; Average loss: 2.4745  
Iteration: 3824; Percent complete: 95.6%; Average loss: 2.5837  
Iteration: 3825; Percent complete: 95.6%; Average loss: 2.5200  
Iteration: 3826; Percent complete: 95.7%; Average loss: 2.5113  
Iteration: 3827; Percent complete: 95.7%; Average loss: 2.4944  
Iteration: 3828; Percent complete: 95.7%; Average loss: 2.4290  
Iteration: 3829; Percent complete: 95.7%; Average loss: 2.2380  
Iteration: 3830; Percent complete: 95.8%; Average loss: 2.6514  
Iteration: 3831; Percent complete: 95.8%; Average loss: 2.5051  
Iteration: 3832; Percent complete: 95.8%; Average loss: 2.4132  
Iteration: 3833; Percent complete: 95.8%; Average loss: 2.5079  
Iteration: 3834; Percent complete: 95.9%; Average loss: 2.3974  
Iteration: 3835; Percent complete: 95.9%; Average loss: 2.5211



```

#Training With Parameters That Showed the Best Average Loss Across All Batches
#Run Name = glowing-sweep-12
clip = 0
teacher_forcing_ratio = 1.0
learning_rate = 0.00025
decoder_learning_ratio = 5.0
optimizer = adam

def trainIters(model_name, voc, pairs, encoder, decoder, encoder_optimizer, decoder_optimizer, embedding, encoder_n_layers, decoder_n_layers):

 # Load batches for each iteration
 training_batches = [batch2TrainData(voc, [random.choice(pairs) for _ in range(batch_size)])
 for _ in range(n_iteration)]

 # Initializations
 print('Initializing ...')
 start_iteration = 1
 print_loss = 0
 if loadFilename:
 start_iteration = checkpoint['iteration'] + 1

 # Training loop
 print("Training...")
 for iteration in range(start_iteration, n_iteration + 1):
 training_batch = training_batches[iteration - 1]
 # Extract fields from batch
 input_variable, lengths, target_variable, mask, max_target_len = training_batch

 # Run a training iteration with batch
 loss = train(input_variable, lengths, target_variable, mask, max_target_len, encoder,
 decoder, embedding, encoder_optimizer, decoder_optimizer, batch_size, clip)
 print_loss += loss

 # Print progress
 if iteration % print_every == 0:
 print_loss_avg = print_loss / print_every
 print("Iteration: {}; Percent complete: {:.1f}%; Average loss: {:.4f}".format(iteration, iteration / n_iteration * 100, print_loss_avg))
 print_loss = 0

 # Save checkpoint
 if (iteration % save_every == 0):
 directory = os.path.join(save_dir, model_name, corpus_name, '{}-{}_{}'.format(encoder_n_layers, decoder_n_layers, hidden_dim))
 if not os.path.exists(directory):
 os.makedirs(directory)
 torch.save({
 'iteration': iteration,
 'en': encoder.state_dict(),
 'de': decoder.state_dict(),
 'en_opt': encoder_optimizer.state_dict(),
 'de_opt': decoder_optimizer.state_dict(),
 'loss': print_loss_avg,
 'voc_dict': voc.__dict__,
 'embedding': embedding.state_dict()
 }, os.path.join(directory, '{}_{}.tar'.format(iteration, 'checkpoint')))

 # Configure training/optimization
 clip = 0
 teacher_forcing_ratio = 1.0
 learning_rate = 0.00025
 decoder_learning_ratio = 5.0
 n_iteration = 4000
 print_every = 1
 save_every = 500

 # Ensure dropout layers are in train mode
 encoder.train()
 decoder.train()

 # Initialize optimizers
 print('Building optimizers ...')
 encoder_optimizer = optim.Adam(encoder.parameters(), lr=learning_rate)
 decoder_optimizer = optim.Adam(decoder.parameters(), lr=learning_rate * decoder_learning_ratio)
 if loadFilename:
 encoder_optimizer.load_state_dict(encoder_optimizer_sd)
 decoder_optimizer.load_state_dict(decoder_optimizer_sd)

 # If you have an accelerator, configure it to call
 for state in encoder_optimizer.state.values():
 for k, v in state.items():
 if isinstance(v, torch.Tensor):
 state[k] = v.to(device)

 for state in decoder_optimizer.state.values():

```

```
for k, v in state.items():
 if isinstance(v, torch.Tensor):
 state[k] = v.to(device)

Run training iterations
print("Starting Training!")
trainIters(model_name, voc, pairs, encoder, decoder, encoder_optimizer, decoder_optimizer,
 embedding, encoder_n_layers, decoder_n_layers, save_dir, n_iteration, batch_size,
 print_every, save_every, clip, corpus_name, loadFilename)
```

```
Iteration: 3943; Percent complete: 98.6%; Average loss: 2.4892
Iteration: 3944; Percent complete: 98.6%; Average loss: 2.5179
Iteration: 3945; Percent complete: 98.6%; Average loss: 2.5988
Iteration: 3946; Percent complete: 98.7%; Average loss: 2.5619
Iteration: 3947; Percent complete: 98.7%; Average loss: 2.7050
Iteration: 3948; Percent complete: 98.7%; Average loss: 2.3500
Iteration: 3949; Percent complete: 98.7%; Average loss: 2.3866
Iteration: 3950; Percent complete: 98.8%; Average loss: 2.5641
Iteration: 3951; Percent complete: 98.8%; Average loss: 2.6985
Iteration: 3952; Percent complete: 98.8%; Average loss: 2.5844
Iteration: 3953; Percent complete: 98.8%; Average loss: 2.4093
Iteration: 3954; Percent complete: 98.9%; Average loss: 2.3998
Iteration: 3955; Percent complete: 98.9%; Average loss: 2.3734
Iteration: 3956; Percent complete: 98.9%; Average loss: 2.5806
Iteration: 3957; Percent complete: 98.9%; Average loss: 2.5965
Iteration: 3958; Percent complete: 99.0%; Average loss: 2.3192
Iteration: 3959; Percent complete: 99.0%; Average loss: 2.6499
Iteration: 3960; Percent complete: 99.0%; Average loss: 2.5056
Iteration: 3961; Percent complete: 99.0%; Average loss: 2.3975
Iteration: 3962; Percent complete: 99.1%; Average loss: 2.6163
Iteration: 3963; Percent complete: 99.1%; Average loss: 2.4678
Iteration: 3964; Percent complete: 99.1%; Average loss: 2.4090
Iteration: 3965; Percent complete: 99.1%; Average loss: 2.3091
Iteration: 3966; Percent complete: 99.2%; Average loss: 2.4577
Iteration: 3967; Percent complete: 99.2%; Average loss: 2.5096
Iteration: 3968; Percent complete: 99.2%; Average loss: 2.4990
Iteration: 3969; Percent complete: 99.2%; Average loss: 2.5526
Iteration: 3970; Percent complete: 99.2%; Average loss: 2.3169
Iteration: 3971; Percent complete: 99.3%; Average loss: 2.5457
Iteration: 3972; Percent complete: 99.3%; Average loss: 2.4914
Iteration: 3973; Percent complete: 99.3%; Average loss: 2.4381
Iteration: 3974; Percent complete: 99.4%; Average loss: 2.4715
Iteration: 3975; Percent complete: 99.4%; Average loss: 2.4382
Iteration: 3976; Percent complete: 99.4%; Average loss: 2.7464
Iteration: 3977; Percent complete: 99.4%; Average loss: 2.5417
Iteration: 3978; Percent complete: 99.5%; Average loss: 2.6685
Iteration: 3979; Percent complete: 99.5%; Average loss: 2.4878
Iteration: 3980; Percent complete: 99.5%; Average loss: 2.7534
Iteration: 3981; Percent complete: 99.5%; Average loss: 2.5458
Iteration: 3982; Percent complete: 99.6%; Average loss: 2.7263
Iteration: 3983; Percent complete: 99.6%; Average loss: 2.4984
Iteration: 3984; Percent complete: 99.6%; Average loss: 2.3733
Iteration: 3985; Percent complete: 99.6%; Average loss: 2.3826
```