

Mnist_Reproducing_fed_avg

February 7, 2026

```
[1]: import random
import copy

import numpy as np

import torch
import torch.nn as nn
import torch.nn.functional as F

from util import view_10
from data import fetch_dataset, data_to_tensor, iid_partition_loader, ↵
↵noniid_partition_loader
```

```
[2]: # set random seeds
np.random.seed(0)
torch.manual_seed(0)
random.seed(0)

# set device
device = 'cuda' if torch.cuda.is_available() else 'cpu'
print("| using device:", device)
```

| using device: cpu

```
[3]: # hyperparams
bsz = 10
```

0.1 Data

```
[31]: # data.py
import os
import gzip
import numpy as np
import torch
from torch.utils.data import Dataset

class MNISTFromRaw(Dataset):
```

```

def __init__(self, images_u8: np.ndarray, labels_u8: np.ndarray,
normalize=True):
    """
    images_u8: uint8 array of shape (N, 28, 28)
    labels_u8: uint8 array of shape (N,)
    """
    assert images_u8.ndim == 3 and images_u8.shape[1:] == (28, 28)
    assert labels_u8.ndim == 1 and images_u8.shape[0] == labels_u8.shape[0]

    self.images = images_u8
    self.labels = labels_u8
    self.normalize = normalize

    # MNIST normalization constants (same as torchvision example)
    self.mean = 0.1307
    self.std = 0.3081

def __len__(self):
    return self.images.shape[0]

def __getitem__(self, idx):
    img = self.images[idx] # (28, 28) uint8
    y = int(self.labels[idx])

    # convert to float tensor in [0,1], shape (1,28,28)
    x = torch.from_numpy(img).float().unsqueeze(0) / 255.0

    if self.normalize:
        x = (x - self.mean) / self.std

    return x, y

def _read_idx_gz(path: str) -> np.ndarray:
    with gzip.open(path, "rb") as f:
        data = f.read()

    # IDX format: big-endian
    # first 4 bytes: magic number
    magic = int.from_bytes(data[0:4], byteorder="big")
    if magic == 2051: # images
        n = int.from_bytes(data[4:8], "big")
        rows = int.from_bytes(data[8:12], "big")
        cols = int.from_bytes(data[12:16], "big")
        arr = np.frombuffer(data, dtype=np.uint8, offset=16)
        arr = arr.reshape(n, rows, cols)
    return arr

```

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elif magic == 2049: # labels
    n = int.from_bytes(data[4:8], "big")
    arr = np.frombuffer(data, dtype=np.uint8, offset=8)
    arr = arr.reshape(n,)
    return arr
else:
    raise RuntimeError(f"Unknown IDX magic {magic} in file: {path}")

def fetch_dataset(root="./data"):
    """
    Expects:
    {root}/MNIST/raw/train-images-idx3-ubyte.gz
    {root}/MNIST/raw/train-labels-idx1-ubyte.gz
    {root}/MNIST/raw/t10k-images-idx3-ubyte.gz
    {root}/MNIST/raw/t10k-labels-idx1-ubyte.gz
    """
    raw_dir = os.path.join(root, "MNIST", "raw")
    required = {
        "train_images": os.path.join(raw_dir, "train-images-idx3-ubyte.gz"),
        "train_labels": os.path.join(raw_dir, "train-labels-idx1-ubyte.gz"),
        "test_images": os.path.join(raw_dir, "t10k-images-idx3-ubyte.gz"),
        "test_labels": os.path.join(raw_dir, "t10k-labels-idx1-ubyte.gz"),
    }
    missing = [p for p in required.values() if not os.path.exists(p)]
    if missing:
        raise RuntimeError(
            "MNIST raw .gz files missing. Expected them in:\n"
            f" {raw_dir}\n\nMissing: \n - " + "\n - ".join(missing)
        )

    Xtr = _read_idx_gz(required["train_images"])
    ytr = _read_idx_gz(required["train_labels"])
    Xte = _read_idx_gz(required["test_images"])
    yte = _read_idx_gz(required["test_labels"])

    train_data = MNISTFromRaw(Xtr, ytr, normalize=True)
    test_data = MNISTFromRaw(Xte, yte, normalize=True)
    return train_data, test_data

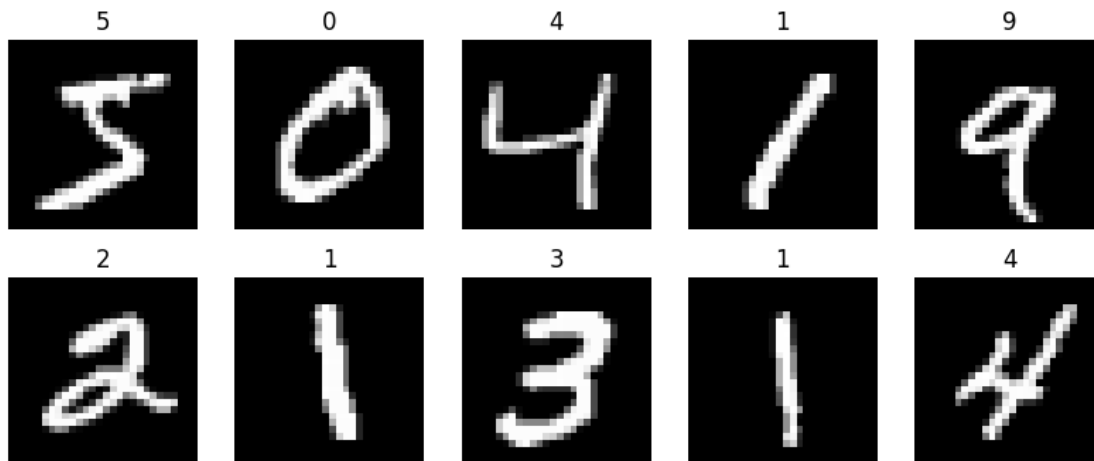
```

```

[33]: train_data, test_data = fetch_dataset()

test_loader = torch.utils.data.DataLoader(test_data, batch_size = 1000,
    shuffle=False) # inference bsz=1000
debug_loader = torch.utils.data.DataLoader(train_data, bsz)
img, label = next(iter(debug_loader))
view_10(img, label)

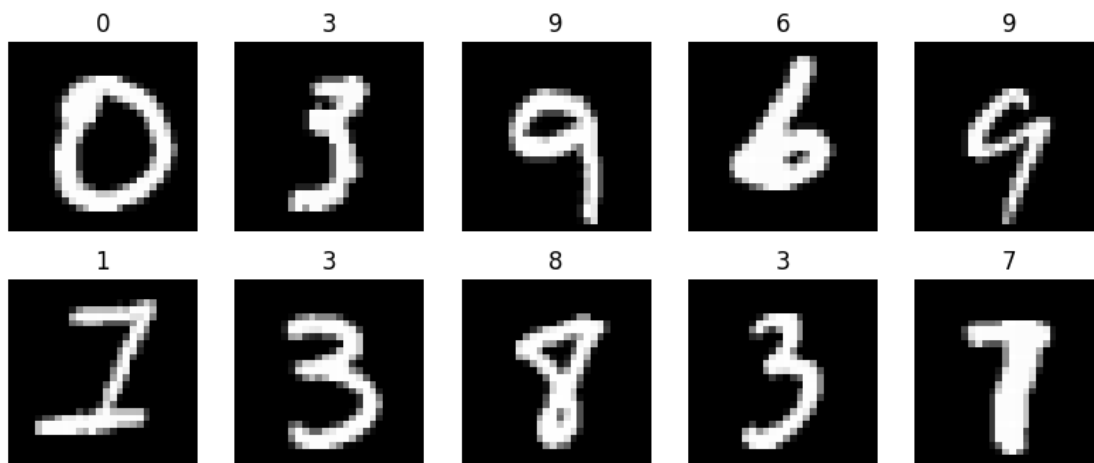
```



```
[34]: # get client dataloaders
iid_client_train_loader = iid_partition_loader(train_data, bsz = bsz)
noniid_client_train_loader = noniid_partition_loader(train_data, bsz = bsz)
```

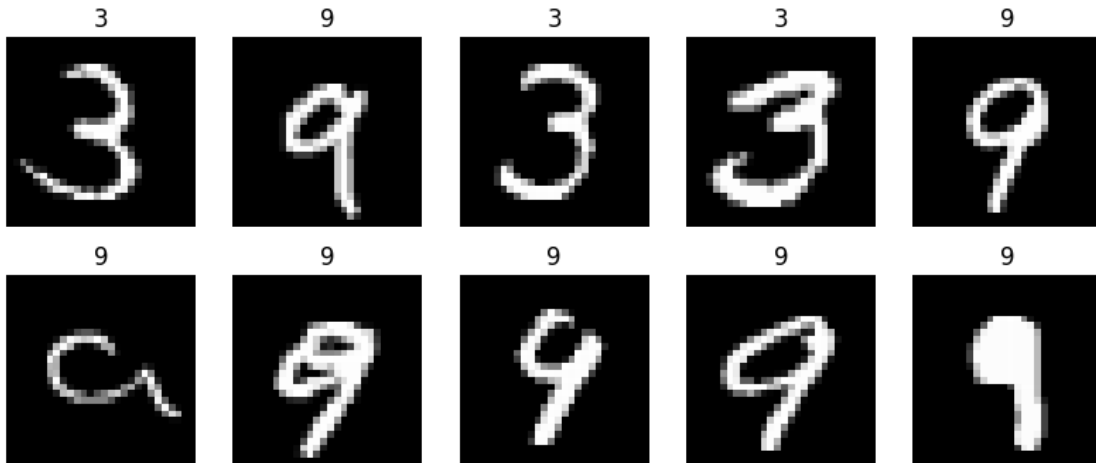
```
[35]: # iid
label_dist = torch.zeros(10)
for (x,y) in iid_client_train_loader[25]:
    label_dist+= torch.sum(F.one_hot(y, num_classes=10), dim=0)
print("iid: ", label_dist)
view_10(x,y)
```

```
iid: tensor([66., 64., 62., 52., 50., 54., 59., 64., 49., 80.])
```



```
[36]: # non-iid
label_dist = torch.zeros(10)
for (x,y) in noniid_client_train_loader[25]:
    label_dist+= torch.sum(F.one_hot(y,num_classes=10), dim=0)
print("non-iid: ", label_dist)
view_10(x,y)

non-iid:  tensor([ 0.,  0.,  0., 300.,  0.,  0.,  0.,  0.,  0., 300.])
```



0.2 Models

```
[38]: # define fully connected NN

import torch
import torch.nn as nn
import torch.nn.functional as F

def num_params(model: nn.Module) -> int:
    return sum(p.numel() for p in model.parameters() if p.requires_grad)

class MLP(nn.Module):
    def __init__(self):
        super().__init__()
        self.fc1 = nn.Linear(784, 200)
        self.fc2 = nn.Linear(200, 200)
        self.out = nn.Linear(200, 10)

    def forward(self, x):
        x = x.flatten(1) # [B, 784]
        x = F.relu(self.fc1(x)) # [B, 200]
        x = F.relu(self.fc2(x)) # [B, 200]
```

```

        x = self.out(x)          # [B, 10]
        return x

```

```

m = MLP()
print(m)
print("Trainable params:", num_params(m))

```

```

MLP(
  (fc1): Linear(in_features=784, out_features=200, bias=True)
  (fc2): Linear(in_features=200, out_features=200, bias=True)
  (out): Linear(in_features=200, out_features=10, bias=True)
)
Trainable params: 199210

```

```

[39]: # define cnn
class CNN(nn.Module):
    def __init__(self):
        super(CNN, self).__init__()
        self.conv1 = nn.Conv2d(1, 32, 5)
        self.conv2 = nn.Conv2d(32, 64, 5)
        self.fc = nn.Linear(1024, 512)
        self.out = nn.Linear(512, 10)

    def forward(self, x):
        x = F.max_pool2d(self.conv1(x), 2, 2) # [B x 32 x 12 x 12]
        x = F.max_pool2d(self.conv2(x), 2, 2) # [B x 64 x 4 x 4]
        x = x.flatten(1) # [B x 1024]
        x = F.relu(self.fc(x)) # [B x 512]
        x = self.out(x) # [B x 10]
        return x

print(CNN())
print(num_params(CNN()))

```

```

CNN(
  (conv1): Conv2d(1, 32, kernel_size=(5, 5), stride=(1, 1))
  (conv2): Conv2d(32, 64, kernel_size=(5, 5), stride=(1, 1))
  (fc): Linear(in_features=1024, out_features=512, bias=True)
  (out): Linear(in_features=512, out_features=10, bias=True)
)
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```

0.3 Training

```

[51]: criterion = nn.CrossEntropyLoss()

def validate(model):
    model = model.to(device)

```

```

model.eval()
correct = 0
total = 0
with torch.no_grad():
    for (t, (x,y)) in enumerate(test_loader):
        x = x.to(device)
        y = y.to(device)
        out = model(x)
        correct += torch.sum(torch.argmax(out, dim=1) == y).item()
        total += x.shape[0]
return correct/total

```

```

[52]: def train_client(id, client_loader, global_model, num_local_epochs, lr):
    local_model = copy.deepcopy(global_model)
    local_model = local_model.to(device)
    local_model.train()
    optimizer = torch.optim.SGD(local_model.parameters(), lr=lr)

    for epoch in range(num_local_epochs):
        for (i, (x,y)) in enumerate(client_loader):
            x = x.to(device)
            y = y.to(device)
            optimizer.zero_grad()
            out = local_model(x)
            loss = criterion(out, y)
            loss.backward()
            optimizer.step()

    return local_model

def running_model_avg(current, next, scale):
    if current == None:
        current = next
        for key in current:
            current[key] = current[key] * scale
    else:
        for key in current:
            current[key] = current[key] + (next[key] * scale)
    return current

```

```

[46]: def fed_avg_experiment(global_model, num_clients_per_round, num_local_epochs,
    ↪lr, client_train_loader, max_rounds, filename):
    round_accuracy = []
    for t in range(max_rounds):
        print("starting round {}".format(t))

        # choose clients

```

```

        clients = np.random.choice(np.arange(100), num_clients_per_round,
↪replace = False)
        print("clients: ", clients)

        global_model.eval()
        global_model = global_model.to(device)
        running_avg = None

        for i,c in enumerate(clients):
            # train local client
            print("round {}, starting client {}/{}, id: {}".format(t,
↪i+1,num_clients_per_round, c))
            local_model = train_client(c, client_train_loader[c], global_model,
↪num_local_epochs, lr)

            # add local model parameters to running average
            running_avg = running_model_avg(running_avg, local_model.
↪state_dict(), 1/num_clients_per_round)

            # set global model parameters for the next step
            global_model.load_state_dict(running_avg)

            # validate
            val_acc = validate(global_model)
            print("round {}, validation acc: {}".format(t, val_acc))
            round_accuracy.append(val_acc)

            if (t % 10 == 0):
                np.save(filename+'_{}'.format(t)+'.npy', np.array(round_accuracy))

        return np.array(round_accuracy)

```

MLP experiments

```

[47]: mlp = MLP()
      print(mlp)
      print("total params: ", num_params(mlp))

```

```

MLP(
  (fc1): Linear(in_features=784, out_features=200, bias=True)
  (fc2): Linear(in_features=200, out_features=200, bias=True)
  (out): Linear(in_features=200, out_features=10, bias=True)
)
total params: 199210

```

```

[53]: import torch
      device = torch.device("cuda" if torch.cuda.is_available() else "cpu")

```



```

# MLP - iid - m=10 experiment
mlp_iid_m10 = copy.deepcopy(mlp)
acc_mlp_iid_m10 = fed_avg_experiment(mlp_iid_m10, num_clients_per_round=10,
                                     num_local_epochs=1,
                                     lr=0.05,
                                     client_train_loader = iid_client_train_loader,
                                     max_rounds=100,
                                     filename='./acc_mlp_iid_m10')

print(acc_mlp_iid_m10)
np.save('./acc_mlp_iid_m10.npy', acc_mlp_iid_m10)

```

```

starting round 0
clients:  [54 84 33 53  2 49 48 82 41 66]
round 0, starting client 1/10, id: 54
round 0, starting client 2/10, id: 84
round 0, starting client 3/10, id: 33
round 0, starting client 4/10, id: 53
round 0, starting client 5/10, id: 2
round 0, starting client 6/10, id: 49
round 0, starting client 7/10, id: 48
round 0, starting client 8/10, id: 82
round 0, starting client 9/10, id: 41
round 0, starting client 10/10, id: 66
round 0, validation acc: 0.8184
starting round 1
clients:  [89 56 37 46  2 90 13 15 58 67]
round 1, starting client 1/10, id: 89
round 1, starting client 2/10, id: 56
round 1, starting client 3/10, id: 37
round 1, starting client 4/10, id: 46
round 1, starting client 5/10, id: 2
round 1, starting client 6/10, id: 90
round 1, starting client 7/10, id: 13
round 1, starting client 8/10, id: 15
round 1, starting client 9/10, id: 58
round 1, starting client 10/10, id: 67
round 1, validation acc: 0.8755
starting round 2
clients:  [93 49 68 23  9 67 72 82 92 85]
round 2, starting client 1/10, id: 93
round 2, starting client 2/10, id: 49
round 2, starting client 3/10, id: 68
round 2, starting client 4/10, id: 23
round 2, starting client 5/10, id: 9
round 2, starting client 6/10, id: 67
round 2, starting client 7/10, id: 72
round 2, starting client 8/10, id: 82
round 2, starting client 9/10, id: 92

```

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round 2, starting client 10/10, id: 85
round 2, validation acc: 0.8904
starting round 3
clients: [93 22 6 28 80 94 39 11 73 2]
round 3, starting client 1/10, id: 93
round 3, starting client 2/10, id: 22
round 3, starting client 3/10, id: 6
round 3, starting client 4/10, id: 28
round 3, starting client 5/10, id: 80
round 3, starting client 6/10, id: 94
round 3, starting client 7/10, id: 39
round 3, starting client 8/10, id: 11
round 3, starting client 9/10, id: 73
round 3, starting client 10/10, id: 2
round 3, validation acc: 0.9016
starting round 4
clients: [98 3 7 79 64 40 22 27 52 47]
round 4, starting client 1/10, id: 98
round 4, starting client 2/10, id: 3
round 4, starting client 3/10, id: 7
round 4, starting client 4/10, id: 79
round 4, starting client 5/10, id: 64
round 4, starting client 6/10, id: 40
round 4, starting client 7/10, id: 22
round 4, starting client 8/10, id: 27
round 4, starting client 9/10, id: 52
round 4, starting client 10/10, id: 47
round 4, validation acc: 0.9113
starting round 5
clients: [2 15 72 21 89 91 41 45 51 88]
round 5, starting client 1/10, id: 2
round 5, starting client 2/10, id: 15
round 5, starting client 3/10, id: 72
round 5, starting client 4/10, id: 21
round 5, starting client 5/10, id: 89
round 5, starting client 6/10, id: 91
round 5, starting client 7/10, id: 41
round 5, starting client 8/10, id: 45
round 5, starting client 9/10, id: 51
round 5, starting client 10/10, id: 88
round 5, validation acc: 0.9174
starting round 6
clients: [96 77 98 53 32 18 64 82 31 61]
round 6, starting client 1/10, id: 96
round 6, starting client 2/10, id: 77
round 6, starting client 3/10, id: 98
round 6, starting client 4/10, id: 53
round 6, starting client 5/10, id: 32

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round 6, starting client 6/10, id: 18
round 6, starting client 7/10, id: 64
round 6, starting client 8/10, id: 82
round 6, starting client 9/10, id: 31
round 6, starting client 10/10, id: 61
round 6, validation acc: 0.9234
starting round 7
clients: [81 50 91 56 75 17 40 85 71 35]
round 7, starting client 1/10, id: 81
round 7, starting client 2/10, id: 50
round 7, starting client 3/10, id: 91
round 7, starting client 4/10, id: 56
round 7, starting client 5/10, id: 75
round 7, starting client 6/10, id: 17
round 7, starting client 7/10, id: 40
round 7, starting client 8/10, id: 85
round 7, starting client 9/10, id: 71
round 7, starting client 10/10, id: 35
round 7, validation acc: 0.9295
starting round 8
clients: [69 62 84 98 19 1 12 25 59 58]
round 8, starting client 1/10, id: 69
round 8, starting client 2/10, id: 62
round 8, starting client 3/10, id: 84
round 8, starting client 4/10, id: 98
round 8, starting client 5/10, id: 19
round 8, starting client 6/10, id: 1
round 8, starting client 7/10, id: 12
round 8, starting client 8/10, id: 25
round 8, starting client 9/10, id: 59
round 8, starting client 10/10, id: 58
round 8, validation acc: 0.9311
starting round 9
clients: [18 15 62 73 8 25 11 52 43 6]
round 9, starting client 1/10, id: 18
round 9, starting client 2/10, id: 15
round 9, starting client 3/10, id: 62
round 9, starting client 4/10, id: 73
round 9, starting client 5/10, id: 8
round 9, starting client 6/10, id: 25
round 9, starting client 7/10, id: 11
round 9, starting client 8/10, id: 52
round 9, starting client 9/10, id: 43
round 9, starting client 10/10, id: 6
round 9, validation acc: 0.9342
starting round 10
clients: [79 63 77 59 31 61 14 6 48 41]
round 10, starting client 1/10, id: 79

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round 10, starting client 2/10, id: 63
round 10, starting client 3/10, id: 77
round 10, starting client 4/10, id: 59
round 10, starting client 5/10, id: 31
round 10, starting client 6/10, id: 61
round 10, starting client 7/10, id: 14
round 10, starting client 8/10, id: 6
round 10, starting client 9/10, id: 48
round 10, starting client 10/10, id: 41
round 10, validation acc: 0.9385
starting round 11
clients: [46 72 98 40 43 64 18 13 39 11]
round 11, starting client 1/10, id: 46
round 11, starting client 2/10, id: 72
round 11, starting client 3/10, id: 98
round 11, starting client 4/10, id: 40
round 11, starting client 5/10, id: 43
round 11, starting client 6/10, id: 64
round 11, starting client 7/10, id: 18
round 11, starting client 8/10, id: 13
round 11, starting client 9/10, id: 39
round 11, starting client 10/10, id: 11
round 11, validation acc: 0.9397
starting round 12
clients: [91 44 93 64 9 89 59 34 96 28]
round 12, starting client 1/10, id: 91
round 12, starting client 2/10, id: 44
round 12, starting client 3/10, id: 93
round 12, starting client 4/10, id: 64
round 12, starting client 5/10, id: 9
round 12, starting client 6/10, id: 89
round 12, starting client 7/10, id: 59
round 12, starting client 8/10, id: 34
round 12, starting client 9/10, id: 96
round 12, starting client 10/10, id: 28
round 12, validation acc: 0.9412
starting round 13
clients: [92 37 83 0 28 95 51 44 21 30]
round 13, starting client 1/10, id: 92
round 13, starting client 2/10, id: 37
round 13, starting client 3/10, id: 83
round 13, starting client 4/10, id: 0
round 13, starting client 5/10, id: 28
round 13, starting client 6/10, id: 95
round 13, starting client 7/10, id: 51
round 13, starting client 8/10, id: 44
round 13, starting client 9/10, id: 21
round 13, starting client 10/10, id: 30

round 13, validation acc: 0.9464
starting round 14
clients: [30 9 15 74 75 38 20 41 85 22]
round 14, starting client 1/10, id: 30
round 14, starting client 2/10, id: 9
round 14, starting client 3/10, id: 15
round 14, starting client 4/10, id: 74
round 14, starting client 5/10, id: 75
round 14, starting client 6/10, id: 38
round 14, starting client 7/10, id: 20
round 14, starting client 8/10, id: 41
round 14, starting client 9/10, id: 85
round 14, starting client 10/10, id: 22
round 14, validation acc: 0.9473
starting round 15
clients: [66 79 78 73 72 8 4 29 82 76]
round 15, starting client 1/10, id: 66
round 15, starting client 2/10, id: 79
round 15, starting client 3/10, id: 78
round 15, starting client 4/10, id: 73
round 15, starting client 5/10, id: 72
round 15, starting client 6/10, id: 8
round 15, starting client 7/10, id: 4
round 15, starting client 8/10, id: 29
round 15, starting client 9/10, id: 82
round 15, starting client 10/10, id: 76
round 15, validation acc: 0.9511
starting round 16
clients: [46 90 93 92 96 91 88 94 62 48]
round 16, starting client 1/10, id: 46
round 16, starting client 2/10, id: 90
round 16, starting client 3/10, id: 93
round 16, starting client 4/10, id: 92
round 16, starting client 5/10, id: 96
round 16, starting client 6/10, id: 91
round 16, starting client 7/10, id: 88
round 16, starting client 8/10, id: 94
round 16, starting client 9/10, id: 62
round 16, starting client 10/10, id: 48
round 16, validation acc: 0.9513
starting round 17
clients: [66 90 96 14 51 12 19 71 74 69]
round 17, starting client 1/10, id: 66
round 17, starting client 2/10, id: 90
round 17, starting client 3/10, id: 96
round 17, starting client 4/10, id: 14
round 17, starting client 5/10, id: 51
round 17, starting client 6/10, id: 12

round 17, starting client 7/10, id: 19
 round 17, starting client 8/10, id: 71
 round 17, starting client 9/10, id: 74
 round 17, starting client 10/10, id: 69
 round 17, validation acc: 0.953
 starting round 18
 clients: [39 21 60 83 79 76 19 53 71 25]
 round 18, starting client 1/10, id: 39
 round 18, starting client 2/10, id: 21
 round 18, starting client 3/10, id: 60
 round 18, starting client 4/10, id: 83
 round 18, starting client 5/10, id: 79
 round 18, starting client 6/10, id: 76
 round 18, starting client 7/10, id: 19
 round 18, starting client 8/10, id: 53
 round 18, starting client 9/10, id: 71
 round 18, starting client 10/10, id: 25
 round 18, validation acc: 0.9532
 starting round 19
 clients: [45 99 21 76 2 51 66 14 80 97]
 round 19, starting client 1/10, id: 45
 round 19, starting client 2/10, id: 99
 round 19, starting client 3/10, id: 21
 round 19, starting client 4/10, id: 76
 round 19, starting client 5/10, id: 2
 round 19, starting client 6/10, id: 51
 round 19, starting client 7/10, id: 66
 round 19, starting client 8/10, id: 14
 round 19, starting client 9/10, id: 80
 round 19, starting client 10/10, id: 97
 round 19, validation acc: 0.9566
 starting round 20
 clients: [7 73 90 66 26 75 25 24 28 35]
 round 20, starting client 1/10, id: 7
 round 20, starting client 2/10, id: 73
 round 20, starting client 3/10, id: 90
 round 20, starting client 4/10, id: 66
 round 20, starting client 5/10, id: 26
 round 20, starting client 6/10, id: 75
 round 20, starting client 7/10, id: 25
 round 20, starting client 8/10, id: 24
 round 20, starting client 9/10, id: 28
 round 20, starting client 10/10, id: 35
 round 20, validation acc: 0.956
 starting round 21
 clients: [99 7 66 5 24 76 88 87 64 44]
 round 21, starting client 1/10, id: 99
 round 21, starting client 2/10, id: 7

round 21, starting client 3/10, id: 66
round 21, starting client 4/10, id: 5
round 21, starting client 5/10, id: 24
round 21, starting client 6/10, id: 76
round 21, starting client 7/10, id: 88
round 21, starting client 8/10, id: 87
round 21, starting client 9/10, id: 64
round 21, starting client 10/10, id: 44
round 21, validation acc: 0.9573
starting round 22
clients: [2 70 28 82 92 19 0 83 12 39]
round 22, starting client 1/10, id: 2
round 22, starting client 2/10, id: 70
round 22, starting client 3/10, id: 28
round 22, starting client 4/10, id: 82
round 22, starting client 5/10, id: 92
round 22, starting client 6/10, id: 19
round 22, starting client 7/10, id: 0
round 22, starting client 8/10, id: 83
round 22, starting client 9/10, id: 12
round 22, starting client 10/10, id: 39
round 22, validation acc: 0.9585
starting round 23
clients: [86 84 98 35 63 48 21 97 39 81]
round 23, starting client 1/10, id: 86
round 23, starting client 2/10, id: 84
round 23, starting client 3/10, id: 98
round 23, starting client 4/10, id: 35
round 23, starting client 5/10, id: 63
round 23, starting client 6/10, id: 48
round 23, starting client 7/10, id: 21
round 23, starting client 8/10, id: 97
round 23, starting client 9/10, id: 39
round 23, starting client 10/10, id: 81
round 23, validation acc: 0.9581
starting round 24
clients: [97 16 90 99 38 63 25 54 56 79]
round 24, starting client 1/10, id: 97
round 24, starting client 2/10, id: 16
round 24, starting client 3/10, id: 90
round 24, starting client 4/10, id: 99
round 24, starting client 5/10, id: 38
round 24, starting client 6/10, id: 63
round 24, starting client 7/10, id: 25
round 24, starting client 8/10, id: 54
round 24, starting client 9/10, id: 56
round 24, starting client 10/10, id: 79
round 24, validation acc: 0.9604

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starting round 25
clients: [44 7 97 41 8 74 65 70 69 88]
round 25, starting client 1/10, id: 44
round 25, starting client 2/10, id: 7
round 25, starting client 3/10, id: 97
round 25, starting client 4/10, id: 41
round 25, starting client 5/10, id: 8
round 25, starting client 6/10, id: 74
round 25, starting client 7/10, id: 65
round 25, starting client 8/10, id: 70
round 25, starting client 9/10, id: 69
round 25, starting client 10/10, id: 88
round 25, validation acc: 0.9606
starting round 26
clients: [ 9 87 74 64 88 61 39 59 41 67]
round 26, starting client 1/10, id: 9
round 26, starting client 2/10, id: 87
round 26, starting client 3/10, id: 74
round 26, starting client 4/10, id: 64
round 26, starting client 5/10, id: 88
round 26, starting client 6/10, id: 61
round 26, starting client 7/10, id: 39
round 26, starting client 8/10, id: 59
round 26, starting client 9/10, id: 41
round 26, starting client 10/10, id: 67
round 26, validation acc: 0.961
starting round 27
clients: [ 4 73 24 57 23 70 16 97 32 42]
round 27, starting client 1/10, id: 4
round 27, starting client 2/10, id: 73
round 27, starting client 3/10, id: 24
round 27, starting client 4/10, id: 57
round 27, starting client 5/10, id: 23
round 27, starting client 6/10, id: 70
round 27, starting client 7/10, id: 16
round 27, starting client 8/10, id: 97
round 27, starting client 9/10, id: 32
round 27, starting client 10/10, id: 42
round 27, validation acc: 0.9636
starting round 28
clients: [19 71 30 91 32 70 90 49 36 98]
round 28, starting client 1/10, id: 19
round 28, starting client 2/10, id: 71
round 28, starting client 3/10, id: 30
round 28, starting client 4/10, id: 91
round 28, starting client 5/10, id: 32
round 28, starting client 6/10, id: 70
round 28, starting client 7/10, id: 90

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round 28, starting client 8/10, id: 49
round 28, starting client 9/10, id: 36
round 28, starting client 10/10, id: 98
round 28, validation acc: 0.963
starting round 29
clients: [84 66 29 79 77 46 58 35 33 8]
round 29, starting client 1/10, id: 84
round 29, starting client 2/10, id: 66
round 29, starting client 3/10, id: 29
round 29, starting client 4/10, id: 79
round 29, starting client 5/10, id: 77
round 29, starting client 6/10, id: 46
round 29, starting client 7/10, id: 58
round 29, starting client 8/10, id: 35
round 29, starting client 9/10, id: 33
round 29, starting client 10/10, id: 8
round 29, validation acc: 0.9626
starting round 30
clients: [90 80 44 15 4 91 2 78 33 0]
round 30, starting client 1/10, id: 90
round 30, starting client 2/10, id: 80
round 30, starting client 3/10, id: 44
round 30, starting client 4/10, id: 15
round 30, starting client 5/10, id: 4
round 30, starting client 6/10, id: 91
round 30, starting client 7/10, id: 2
round 30, starting client 8/10, id: 78
round 30, starting client 9/10, id: 33
round 30, starting client 10/10, id: 0
round 30, validation acc: 0.9628
starting round 31
clients: [0 81 76 23 29 58 94 14 91 15]
round 31, starting client 1/10, id: 0
round 31, starting client 2/10, id: 81
round 31, starting client 3/10, id: 76
round 31, starting client 4/10, id: 23
round 31, starting client 5/10, id: 29
round 31, starting client 6/10, id: 58
round 31, starting client 7/10, id: 94
round 31, starting client 8/10, id: 14
round 31, starting client 9/10, id: 91
round 31, starting client 10/10, id: 15
round 31, validation acc: 0.9621
starting round 32
clients: [31 22 49 98 73 1 24 17 30 76]
round 32, starting client 1/10, id: 31
round 32, starting client 2/10, id: 22
round 32, starting client 3/10, id: 49

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round 32, starting client 4/10, id: 98
round 32, starting client 5/10, id: 73
round 32, starting client 6/10, id: 1
round 32, starting client 7/10, id: 24
round 32, starting client 8/10, id: 17
round 32, starting client 9/10, id: 30
round 32, starting client 10/10, id: 76
round 32, validation acc: 0.9653
starting round 33
clients: [22 20 12 76 97 35 57 2 18 36]
round 33, starting client 1/10, id: 22
round 33, starting client 2/10, id: 20
round 33, starting client 3/10, id: 12
round 33, starting client 4/10, id: 76
round 33, starting client 5/10, id: 97
round 33, starting client 6/10, id: 35
round 33, starting client 7/10, id: 57
round 33, starting client 8/10, id: 2
round 33, starting client 9/10, id: 18
round 33, starting client 10/10, id: 36
round 33, validation acc: 0.9657
starting round 34
clients: [19 51 72 84 3 45 49 53 26 64]
round 34, starting client 1/10, id: 19
round 34, starting client 2/10, id: 51
round 34, starting client 3/10, id: 72
round 34, starting client 4/10, id: 84
round 34, starting client 5/10, id: 3
round 34, starting client 6/10, id: 45
round 34, starting client 7/10, id: 49
round 34, starting client 8/10, id: 53
round 34, starting client 9/10, id: 26
round 34, starting client 10/10, id: 64
round 34, validation acc: 0.964
starting round 35
clients: [0 17 31 35 60 48 58 6 38 93]
round 35, starting client 1/10, id: 0
round 35, starting client 2/10, id: 17
round 35, starting client 3/10, id: 31
round 35, starting client 4/10, id: 35
round 35, starting client 5/10, id: 60
round 35, starting client 6/10, id: 48
round 35, starting client 7/10, id: 58
round 35, starting client 8/10, id: 6
round 35, starting client 9/10, id: 38
round 35, starting client 10/10, id: 93
round 35, validation acc: 0.9676
starting round 36

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clients: [15 92 21 86 61 83 13 3 99 52]
round 36, starting client 1/10, id: 15
round 36, starting client 2/10, id: 92
round 36, starting client 3/10, id: 21
round 36, starting client 4/10, id: 86
round 36, starting client 5/10, id: 61
round 36, starting client 6/10, id: 83
round 36, starting client 7/10, id: 13
round 36, starting client 8/10, id: 3
round 36, starting client 9/10, id: 99
round 36, starting client 10/10, id: 52
round 36, validation acc: 0.9667
starting round 37
clients: [18 45 38 21 10 41 59 96 60 72]
round 37, starting client 1/10, id: 18
round 37, starting client 2/10, id: 45
round 37, starting client 3/10, id: 38
round 37, starting client 4/10, id: 21
round 37, starting client 5/10, id: 10
round 37, starting client 6/10, id: 41
round 37, starting client 7/10, id: 59
round 37, starting client 8/10, id: 96
round 37, starting client 9/10, id: 60
round 37, starting client 10/10, id: 72
round 37, validation acc: 0.968
starting round 38
clients: [28 95 67 82 33 61 79 16 72 7]
round 38, starting client 1/10, id: 28
round 38, starting client 2/10, id: 95
round 38, starting client 3/10, id: 67
round 38, starting client 4/10, id: 82
round 38, starting client 5/10, id: 33
round 38, starting client 6/10, id: 61
round 38, starting client 7/10, id: 79
round 38, starting client 8/10, id: 16
round 38, starting client 9/10, id: 72
round 38, starting client 10/10, id: 7
round 38, validation acc: 0.9673
starting round 39
clients: [4 26 1 31 86 3 34 15 8 87]
round 39, starting client 1/10, id: 4
round 39, starting client 2/10, id: 26
round 39, starting client 3/10, id: 1
round 39, starting client 4/10, id: 31
round 39, starting client 5/10, id: 86
round 39, starting client 6/10, id: 3
round 39, starting client 7/10, id: 34
round 39, starting client 8/10, id: 15

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round 39, starting client 9/10, id: 8
round 39, starting client 10/10, id: 87
round 39, validation acc: 0.9693
starting round 40
clients: [94 74 78 79 53 37 17 85 64 91]
round 40, starting client 1/10, id: 94
round 40, starting client 2/10, id: 74
round 40, starting client 3/10, id: 78
round 40, starting client 4/10, id: 79
round 40, starting client 5/10, id: 53
round 40, starting client 6/10, id: 37
round 40, starting client 7/10, id: 17
round 40, starting client 8/10, id: 85
round 40, starting client 9/10, id: 64
round 40, starting client 10/10, id: 91
round 40, validation acc: 0.9692
starting round 41
clients: [68 61 67 47 78 84 70 15 19 93]
round 41, starting client 1/10, id: 68
round 41, starting client 2/10, id: 61
round 41, starting client 3/10, id: 67
round 41, starting client 4/10, id: 47
round 41, starting client 5/10, id: 78
round 41, starting client 6/10, id: 84
round 41, starting client 7/10, id: 70
round 41, starting client 8/10, id: 15
round 41, starting client 9/10, id: 19
round 41, starting client 10/10, id: 93
round 41, validation acc: 0.97
starting round 42
clients: [73 75 17 27 94 81 84 32 19 64]
round 42, starting client 1/10, id: 73
round 42, starting client 2/10, id: 75
round 42, starting client 3/10, id: 17
round 42, starting client 4/10, id: 27
round 42, starting client 5/10, id: 94
round 42, starting client 6/10, id: 81
round 42, starting client 7/10, id: 84
round 42, starting client 8/10, id: 32
round 42, starting client 9/10, id: 19
round 42, starting client 10/10, id: 64
round 42, validation acc: 0.9705
starting round 43
clients: [73 96 48 50 28 87 54 80 8 10]
round 43, starting client 1/10, id: 73
round 43, starting client 2/10, id: 96
round 43, starting client 3/10, id: 48
round 43, starting client 4/10, id: 50

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round 43, starting client 5/10, id: 28
round 43, starting client 6/10, id: 87
round 43, starting client 7/10, id: 54
round 43, starting client 8/10, id: 80
round 43, starting client 9/10, id: 8
round 43, starting client 10/10, id: 10
round 43, validation acc: 0.9704
starting round 44
clients: [50 62 47 23 6 48 59 21 2 63]
round 44, starting client 1/10, id: 50
round 44, starting client 2/10, id: 62
round 44, starting client 3/10, id: 47
round 44, starting client 4/10, id: 23
round 44, starting client 5/10, id: 6
round 44, starting client 6/10, id: 48
round 44, starting client 7/10, id: 59
round 44, starting client 8/10, id: 21
round 44, starting client 9/10, id: 2
round 44, starting client 10/10, id: 63
round 44, validation acc: 0.9707
starting round 45
clients: [8 53 16 19 71 92 48 37 67 46]
round 45, starting client 1/10, id: 8
round 45, starting client 2/10, id: 53
round 45, starting client 3/10, id: 16
round 45, starting client 4/10, id: 19
round 45, starting client 5/10, id: 71
round 45, starting client 6/10, id: 92
round 45, starting client 7/10, id: 48
round 45, starting client 8/10, id: 37
round 45, starting client 9/10, id: 67
round 45, starting client 10/10, id: 46
round 45, validation acc: 0.9707
starting round 46
clients: [61 86 31 41 26 97 53 85 74 16]
round 46, starting client 1/10, id: 61
round 46, starting client 2/10, id: 86
round 46, starting client 3/10, id: 31
round 46, starting client 4/10, id: 41
round 46, starting client 5/10, id: 26
round 46, starting client 6/10, id: 97
round 46, starting client 7/10, id: 53
round 46, starting client 8/10, id: 85
round 46, starting client 9/10, id: 74
round 46, starting client 10/10, id: 16
round 46, validation acc: 0.9713
starting round 47
clients: [53 27 10 3 52 83 39 43 7 44]

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round 47, starting client 1/10, id: 53
round 47, starting client 2/10, id: 27
round 47, starting client 3/10, id: 10
round 47, starting client 4/10, id: 3
round 47, starting client 5/10, id: 52
round 47, starting client 6/10, id: 83
round 47, starting client 7/10, id: 39
round 47, starting client 8/10, id: 43
round 47, starting client 9/10, id: 7
round 47, starting client 10/10, id: 44
round 47, validation acc: 0.972
starting round 48
clients: [22 15 47 14 80 46 7 74 78 51]
round 48, starting client 1/10, id: 22
round 48, starting client 2/10, id: 15
round 48, starting client 3/10, id: 47
round 48, starting client 4/10, id: 14
round 48, starting client 5/10, id: 80
round 48, starting client 6/10, id: 46
round 48, starting client 7/10, id: 7
round 48, starting client 8/10, id: 74
round 48, starting client 9/10, id: 78
round 48, starting client 10/10, id: 51
round 48, validation acc: 0.9717
starting round 49
clients: [71 14 89 28 56 63 86 74 81 58]
round 49, starting client 1/10, id: 71
round 49, starting client 2/10, id: 14
round 49, starting client 3/10, id: 89
round 49, starting client 4/10, id: 28
round 49, starting client 5/10, id: 56
round 49, starting client 6/10, id: 63
round 49, starting client 7/10, id: 86
round 49, starting client 8/10, id: 74
round 49, starting client 9/10, id: 81
round 49, starting client 10/10, id: 58
round 49, validation acc: 0.9711
starting round 50
clients: [38 75 10 70 3 20 30 17 27 55]
round 50, starting client 1/10, id: 38
round 50, starting client 2/10, id: 75
round 50, starting client 3/10, id: 10
round 50, starting client 4/10, id: 70
round 50, starting client 5/10, id: 3
round 50, starting client 6/10, id: 20
round 50, starting client 7/10, id: 30
round 50, starting client 8/10, id: 17
round 50, starting client 9/10, id: 27

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round 50, starting client 10/10, id: 55
round 50, validation acc: 0.9721
starting round 51
clients: [89 92 28 61 51 71 18 31 2 13]
round 51, starting client 1/10, id: 89
round 51, starting client 2/10, id: 92
round 51, starting client 3/10, id: 28
round 51, starting client 4/10, id: 61
round 51, starting client 5/10, id: 51
round 51, starting client 6/10, id: 71
round 51, starting client 7/10, id: 18
round 51, starting client 8/10, id: 31
round 51, starting client 9/10, id: 2
round 51, starting client 10/10, id: 13
round 51, validation acc: 0.9727
starting round 52
clients: [66 1 26 57 89 8 39 16 0 99]
round 52, starting client 1/10, id: 66
round 52, starting client 2/10, id: 1
round 52, starting client 3/10, id: 26
round 52, starting client 4/10, id: 57
round 52, starting client 5/10, id: 89
round 52, starting client 6/10, id: 8
round 52, starting client 7/10, id: 39
round 52, starting client 8/10, id: 16
round 52, starting client 9/10, id: 0
round 52, starting client 10/10, id: 99
round 52, validation acc: 0.973
starting round 53
clients: [98 44 16 86 96 45 13 78 15 39]
round 53, starting client 1/10, id: 98
round 53, starting client 2/10, id: 44
round 53, starting client 3/10, id: 16
round 53, starting client 4/10, id: 86
round 53, starting client 5/10, id: 96
round 53, starting client 6/10, id: 45
round 53, starting client 7/10, id: 13
round 53, starting client 8/10, id: 78
round 53, starting client 9/10, id: 15
round 53, starting client 10/10, id: 39
round 53, validation acc: 0.9737
starting round 54
clients: [94 20 93 5 95 80 89 11 2 48]
round 54, starting client 1/10, id: 94
round 54, starting client 2/10, id: 20
round 54, starting client 3/10, id: 93
round 54, starting client 4/10, id: 5
round 54, starting client 5/10, id: 95

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round 54, starting client 6/10, id: 80
round 54, starting client 7/10, id: 89
round 54, starting client 8/10, id: 11
round 54, starting client 9/10, id: 2
round 54, starting client 10/10, id: 48
round 54, validation acc: 0.9742
starting round 55
clients: [75 79 5 34 89 44 10 0 82 4]
round 55, starting client 1/10, id: 75
round 55, starting client 2/10, id: 79
round 55, starting client 3/10, id: 5
round 55, starting client 4/10, id: 34
round 55, starting client 5/10, id: 89
round 55, starting client 6/10, id: 44
round 55, starting client 7/10, id: 10
round 55, starting client 8/10, id: 0
round 55, starting client 9/10, id: 82
round 55, starting client 10/10, id: 4
round 55, validation acc: 0.9742
starting round 56
clients: [50 92 78 11 82 87 94 93 59 74]
round 56, starting client 1/10, id: 50
round 56, starting client 2/10, id: 92
round 56, starting client 3/10, id: 78
round 56, starting client 4/10, id: 11
round 56, starting client 5/10, id: 82
round 56, starting client 6/10, id: 87
round 56, starting client 7/10, id: 94
round 56, starting client 8/10, id: 93
round 56, starting client 9/10, id: 59
round 56, starting client 10/10, id: 74
round 56, validation acc: 0.9737
starting round 57
clients: [9 4 97 84 2 36 20 5 79 0]
round 57, starting client 1/10, id: 9
round 57, starting client 2/10, id: 4
round 57, starting client 3/10, id: 97
round 57, starting client 4/10, id: 84
round 57, starting client 5/10, id: 2
round 57, starting client 6/10, id: 36
round 57, starting client 7/10, id: 20
round 57, starting client 8/10, id: 5
round 57, starting client 9/10, id: 79
round 57, starting client 10/10, id: 0
round 57, validation acc: 0.9737
starting round 58
clients: [58 47 29 99 6 69 7 53 81 45]
round 58, starting client 1/10, id: 58

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round 58, starting client 2/10, id: 47
round 58, starting client 3/10, id: 29
round 58, starting client 4/10, id: 99
round 58, starting client 5/10, id: 6
round 58, starting client 6/10, id: 69
round 58, starting client 7/10, id: 7
round 58, starting client 8/10, id: 53
round 58, starting client 9/10, id: 81
round 58, starting client 10/10, id: 45
round 58, validation acc: 0.9743
starting round 59
clients: [55 94 0 82 81 83 66 39 54 4]
round 59, starting client 1/10, id: 55
round 59, starting client 2/10, id: 94
round 59, starting client 3/10, id: 0
round 59, starting client 4/10, id: 82
round 59, starting client 5/10, id: 81
round 59, starting client 6/10, id: 83
round 59, starting client 7/10, id: 66
round 59, starting client 8/10, id: 39
round 59, starting client 9/10, id: 54
round 59, starting client 10/10, id: 4
round 59, validation acc: 0.9749
starting round 60
clients: [11 2 61 33 87 53 88 94 39 80]
round 60, starting client 1/10, id: 11
round 60, starting client 2/10, id: 2
round 60, starting client 3/10, id: 61
round 60, starting client 4/10, id: 33
round 60, starting client 5/10, id: 87
round 60, starting client 6/10, id: 53
round 60, starting client 7/10, id: 88
round 60, starting client 8/10, id: 94
round 60, starting client 9/10, id: 39
round 60, starting client 10/10, id: 80
round 60, validation acc: 0.9747
starting round 61
clients: [96 2 13 89 57 77 73 87 55 70]
round 61, starting client 1/10, id: 96
round 61, starting client 2/10, id: 2
round 61, starting client 3/10, id: 13
round 61, starting client 4/10, id: 89
round 61, starting client 5/10, id: 57
round 61, starting client 6/10, id: 77
round 61, starting client 7/10, id: 73
round 61, starting client 8/10, id: 87
round 61, starting client 9/10, id: 55
round 61, starting client 10/10, id: 70

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round 61, validation acc: 0.9764
starting round 62
clients: [ 3 45 89 57 58 59 18 29 31 44]
round 62, starting client 1/10, id: 3
round 62, starting client 2/10, id: 45
round 62, starting client 3/10, id: 89
round 62, starting client 4/10, id: 57
round 62, starting client 5/10, id: 58
round 62, starting client 6/10, id: 59
round 62, starting client 7/10, id: 18
round 62, starting client 8/10, id: 29
round 62, starting client 9/10, id: 31
round 62, starting client 10/10, id: 44
round 62, validation acc: 0.9768
starting round 63
clients: [94 49 65 6 30 7 63 91 98 97]
round 63, starting client 1/10, id: 94
round 63, starting client 2/10, id: 49
round 63, starting client 3/10, id: 65
round 63, starting client 4/10, id: 6
round 63, starting client 5/10, id: 30
round 63, starting client 6/10, id: 7
round 63, starting client 7/10, id: 63
round 63, starting client 8/10, id: 91
round 63, starting client 9/10, id: 98
round 63, starting client 10/10, id: 97
round 63, validation acc: 0.9751
starting round 64
clients: [89 65 94 61 45 87 2 57 13 18]
round 64, starting client 1/10, id: 89
round 64, starting client 2/10, id: 65
round 64, starting client 3/10, id: 94
round 64, starting client 4/10, id: 61
round 64, starting client 5/10, id: 45
round 64, starting client 6/10, id: 87
round 64, starting client 7/10, id: 2
round 64, starting client 8/10, id: 57
round 64, starting client 9/10, id: 13
round 64, starting client 10/10, id: 18
round 64, validation acc: 0.9753
starting round 65
clients: [74 65 23 50 98 85 63 30 71 28]
round 65, starting client 1/10, id: 74
round 65, starting client 2/10, id: 65
round 65, starting client 3/10, id: 23
round 65, starting client 4/10, id: 50
round 65, starting client 5/10, id: 98
round 65, starting client 6/10, id: 85
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round 65, starting client 7/10, id: 63
round 65, starting client 8/10, id: 30
round 65, starting client 9/10, id: 71
round 65, starting client 10/10, id: 28
round 65, validation acc: 0.9749
starting round 66
clients: [99 87 67 24 14 48 21 84 91 7]
round 66, starting client 1/10, id: 99
round 66, starting client 2/10, id: 87
round 66, starting client 3/10, id: 67
round 66, starting client 4/10, id: 24
round 66, starting client 5/10, id: 14
round 66, starting client 6/10, id: 48
round 66, starting client 7/10, id: 21
round 66, starting client 8/10, id: 84
round 66, starting client 9/10, id: 91
round 66, starting client 10/10, id: 7
round 66, validation acc: 0.9759
starting round 67
clients: [58 10 8 7 26 2 5 49 4 84]
round 67, starting client 1/10, id: 58
round 67, starting client 2/10, id: 10
round 67, starting client 3/10, id: 8
round 67, starting client 4/10, id: 7
round 67, starting client 5/10, id: 26
round 67, starting client 6/10, id: 2
round 67, starting client 7/10, id: 5
round 67, starting client 8/10, id: 49
round 67, starting client 9/10, id: 4
round 67, starting client 10/10, id: 84
round 67, validation acc: 0.9767
starting round 68
clients: [19 90 31 93 47 28 20 80 64 92]
round 68, starting client 1/10, id: 19
round 68, starting client 2/10, id: 90
round 68, starting client 3/10, id: 31
round 68, starting client 4/10, id: 93
round 68, starting client 5/10, id: 47
round 68, starting client 6/10, id: 28
round 68, starting client 7/10, id: 20
round 68, starting client 8/10, id: 80
round 68, starting client 9/10, id: 64
round 68, starting client 10/10, id: 92
round 68, validation acc: 0.9761
starting round 69
clients: [99 77 53 81 85 3 27 65 80 75]
round 69, starting client 1/10, id: 99
round 69, starting client 2/10, id: 77

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round 69, starting client 3/10, id: 53
round 69, starting client 4/10, id: 81
round 69, starting client 5/10, id: 85
round 69, starting client 6/10, id: 3
round 69, starting client 7/10, id: 27
round 69, starting client 8/10, id: 65
round 69, starting client 9/10, id: 80
round 69, starting client 10/10, id: 75
round 69, validation acc: 0.9768
starting round 70
clients: [30 0 13 3 85 74 55 77 16 1]
round 70, starting client 1/10, id: 30
round 70, starting client 2/10, id: 0
round 70, starting client 3/10, id: 13
round 70, starting client 4/10, id: 3
round 70, starting client 5/10, id: 85
round 70, starting client 6/10, id: 74
round 70, starting client 7/10, id: 55
round 70, starting client 8/10, id: 77
round 70, starting client 9/10, id: 16
round 70, starting client 10/10, id: 1
round 70, validation acc: 0.977
starting round 71
clients: [35 10 38 98 63 22 59 33 6 71]
round 71, starting client 1/10, id: 35
round 71, starting client 2/10, id: 10
round 71, starting client 3/10, id: 38
round 71, starting client 4/10, id: 98
round 71, starting client 5/10, id: 63
round 71, starting client 6/10, id: 22
round 71, starting client 7/10, id: 59
round 71, starting client 8/10, id: 33
round 71, starting client 9/10, id: 6
round 71, starting client 10/10, id: 71
round 71, validation acc: 0.9772
starting round 72
clients: [20 8 87 27 35 69 34 93 2 43]
round 72, starting client 1/10, id: 20
round 72, starting client 2/10, id: 8
round 72, starting client 3/10, id: 87
round 72, starting client 4/10, id: 27
round 72, starting client 5/10, id: 35
round 72, starting client 6/10, id: 69
round 72, starting client 7/10, id: 34
round 72, starting client 8/10, id: 93
round 72, starting client 9/10, id: 2
round 72, starting client 10/10, id: 43
round 72, validation acc: 0.9769

```

```

starting round 73
clients: [40 76 89 4 30 11 58 86 23 46]
round 73, starting client 1/10, id: 40
round 73, starting client 2/10, id: 76
round 73, starting client 3/10, id: 89
round 73, starting client 4/10, id: 4
round 73, starting client 5/10, id: 30
round 73, starting client 6/10, id: 11
round 73, starting client 7/10, id: 58
round 73, starting client 8/10, id: 86
round 73, starting client 9/10, id: 23
round 73, starting client 10/10, id: 46
round 73, validation acc: 0.9765
starting round 74
clients: [98 52 11 4 14 66 16 19 92 78]
round 74, starting client 1/10, id: 98
round 74, starting client 2/10, id: 52
round 74, starting client 3/10, id: 11
round 74, starting client 4/10, id: 4
round 74, starting client 5/10, id: 14
round 74, starting client 6/10, id: 66
round 74, starting client 7/10, id: 16
round 74, starting client 8/10, id: 19
round 74, starting client 9/10, id: 92
round 74, starting client 10/10, id: 78
round 74, validation acc: 0.9769
starting round 75
clients: [78 18 28 39 36 9 49 99 81 31]
round 75, starting client 1/10, id: 78
round 75, starting client 2/10, id: 18
round 75, starting client 3/10, id: 28
round 75, starting client 4/10, id: 39
round 75, starting client 5/10, id: 36
round 75, starting client 6/10, id: 9
round 75, starting client 7/10, id: 49
round 75, starting client 8/10, id: 99
round 75, starting client 9/10, id: 81
round 75, starting client 10/10, id: 31
round 75, validation acc: 0.9771
starting round 76
clients: [46 53 8 13 92 29 62 79 81 70]
round 76, starting client 1/10, id: 46
round 76, starting client 2/10, id: 53
round 76, starting client 3/10, id: 8
round 76, starting client 4/10, id: 13
round 76, starting client 5/10, id: 92
round 76, starting client 6/10, id: 29
round 76, starting client 7/10, id: 62

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round 76, starting client 8/10, id: 79
 round 76, starting client 9/10, id: 81
 round 76, starting client 10/10, id: 70
 round 76, validation acc: 0.9776
 starting round 77
 clients: [54 1 6 59 88 36 22 20 76 26]
 round 77, starting client 1/10, id: 54
 round 77, starting client 2/10, id: 1
 round 77, starting client 3/10, id: 6
 round 77, starting client 4/10, id: 59
 round 77, starting client 5/10, id: 88
 round 77, starting client 6/10, id: 36
 round 77, starting client 7/10, id: 22
 round 77, starting client 8/10, id: 20
 round 77, starting client 9/10, id: 76
 round 77, starting client 10/10, id: 26
 round 77, validation acc: 0.9776
 starting round 78
 clients: [72 1 65 7 87 80 69 19 60 0]
 round 78, starting client 1/10, id: 72
 round 78, starting client 2/10, id: 1
 round 78, starting client 3/10, id: 65
 round 78, starting client 4/10, id: 7
 round 78, starting client 5/10, id: 87
 round 78, starting client 6/10, id: 80
 round 78, starting client 7/10, id: 69
 round 78, starting client 8/10, id: 19
 round 78, starting client 9/10, id: 60
 round 78, starting client 10/10, id: 0
 round 78, validation acc: 0.9776
 starting round 79
 clients: [56 62 30 17 50 40 58 51 78 60]
 round 79, starting client 1/10, id: 56
 round 79, starting client 2/10, id: 62
 round 79, starting client 3/10, id: 30
 round 79, starting client 4/10, id: 17
 round 79, starting client 5/10, id: 50
 round 79, starting client 6/10, id: 40
 round 79, starting client 7/10, id: 58
 round 79, starting client 8/10, id: 51
 round 79, starting client 9/10, id: 78
 round 79, starting client 10/10, id: 60
 round 79, validation acc: 0.9781
 starting round 80
 clients: [30 43 68 44 59 4 41 15 87 2]
 round 80, starting client 1/10, id: 30
 round 80, starting client 2/10, id: 43
 round 80, starting client 3/10, id: 68

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round 80, starting client 4/10, id: 44
round 80, starting client 5/10, id: 59
round 80, starting client 6/10, id: 4
round 80, starting client 7/10, id: 41
round 80, starting client 8/10, id: 15
round 80, starting client 9/10, id: 87
round 80, starting client 10/10, id: 2
round 80, validation acc: 0.9776
starting round 81
clients: [73 48 91 98 16 46 41 55 40 39]
round 81, starting client 1/10, id: 73
round 81, starting client 2/10, id: 48
round 81, starting client 3/10, id: 91
round 81, starting client 4/10, id: 98
round 81, starting client 5/10, id: 16
round 81, starting client 6/10, id: 46
round 81, starting client 7/10, id: 41
round 81, starting client 8/10, id: 55
round 81, starting client 9/10, id: 40
round 81, starting client 10/10, id: 39
round 81, validation acc: 0.9784
starting round 82
clients: [13 38 17 46 32 71 34 1 58 76]
round 82, starting client 1/10, id: 13
round 82, starting client 2/10, id: 38
round 82, starting client 3/10, id: 17
round 82, starting client 4/10, id: 46
round 82, starting client 5/10, id: 32
round 82, starting client 6/10, id: 71
round 82, starting client 7/10, id: 34
round 82, starting client 8/10, id: 1
round 82, starting client 9/10, id: 58
round 82, starting client 10/10, id: 76
round 82, validation acc: 0.9775
starting round 83
clients: [15 89 55 85 78 80 39 88 96 38]
round 83, starting client 1/10, id: 15
round 83, starting client 2/10, id: 89
round 83, starting client 3/10, id: 55
round 83, starting client 4/10, id: 85
round 83, starting client 5/10, id: 78
round 83, starting client 6/10, id: 80
round 83, starting client 7/10, id: 39
round 83, starting client 8/10, id: 88
round 83, starting client 9/10, id: 96
round 83, starting client 10/10, id: 38
round 83, validation acc: 0.978
starting round 84

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```

clients: [79 57 6 29 27 22 16 49 7 38]
round 84, starting client 1/10, id: 79
round 84, starting client 2/10, id: 57
round 84, starting client 3/10, id: 6
round 84, starting client 4/10, id: 29
round 84, starting client 5/10, id: 27
round 84, starting client 6/10, id: 22
round 84, starting client 7/10, id: 16
round 84, starting client 8/10, id: 49
round 84, starting client 9/10, id: 7
round 84, starting client 10/10, id: 38
round 84, validation acc: 0.9783
starting round 85
clients: [24 10 28 77 19 26 89 56 46 43]
round 85, starting client 1/10, id: 24
round 85, starting client 2/10, id: 10
round 85, starting client 3/10, id: 28
round 85, starting client 4/10, id: 77
round 85, starting client 5/10, id: 19
round 85, starting client 6/10, id: 26
round 85, starting client 7/10, id: 89
round 85, starting client 8/10, id: 56
round 85, starting client 9/10, id: 46
round 85, starting client 10/10, id: 43
round 85, validation acc: 0.9775
starting round 86
clients: [45 28 13 48 58 77 78 39 91 18]
round 86, starting client 1/10, id: 45
round 86, starting client 2/10, id: 28
round 86, starting client 3/10, id: 13
round 86, starting client 4/10, id: 48
round 86, starting client 5/10, id: 58
round 86, starting client 6/10, id: 77
round 86, starting client 7/10, id: 78
round 86, starting client 8/10, id: 39
round 86, starting client 9/10, id: 91
round 86, starting client 10/10, id: 18
round 86, validation acc: 0.9786
starting round 87
clients: [13 67 24 4 1 23 94 81 77 48]
round 87, starting client 1/10, id: 13
round 87, starting client 2/10, id: 67
round 87, starting client 3/10, id: 24
round 87, starting client 4/10, id: 4
round 87, starting client 5/10, id: 1
round 87, starting client 6/10, id: 23
round 87, starting client 7/10, id: 94
round 87, starting client 8/10, id: 81

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round 87, starting client 9/10, id: 77
round 87, starting client 10/10, id: 48
round 87, validation acc: 0.9776
starting round 88
clients: [24 1 50 61 83 46 35 66 71 29]
round 88, starting client 1/10, id: 24
round 88, starting client 2/10, id: 1
round 88, starting client 3/10, id: 50
round 88, starting client 4/10, id: 61
round 88, starting client 5/10, id: 83
round 88, starting client 6/10, id: 46
round 88, starting client 7/10, id: 35
round 88, starting client 8/10, id: 66
round 88, starting client 9/10, id: 71
round 88, starting client 10/10, id: 29
round 88, validation acc: 0.9778
starting round 89
clients: [81 11 35 60 7 53 71 29 46 16]
round 89, starting client 1/10, id: 81
round 89, starting client 2/10, id: 11
round 89, starting client 3/10, id: 35
round 89, starting client 4/10, id: 60
round 89, starting client 5/10, id: 7
round 89, starting client 6/10, id: 53
round 89, starting client 7/10, id: 71
round 89, starting client 8/10, id: 29
round 89, starting client 9/10, id: 46
round 89, starting client 10/10, id: 16
round 89, validation acc: 0.9778
starting round 90
clients: [58 56 61 41 14 24 96 50 8 42]
round 90, starting client 1/10, id: 58
round 90, starting client 2/10, id: 56
round 90, starting client 3/10, id: 61
round 90, starting client 4/10, id: 41
round 90, starting client 5/10, id: 14
round 90, starting client 6/10, id: 24
round 90, starting client 7/10, id: 96
round 90, starting client 8/10, id: 50
round 90, starting client 9/10, id: 8
round 90, starting client 10/10, id: 42
round 90, validation acc: 0.9775
starting round 91
clients: [12 0 71 72 66 9 64 22 85 19]
round 91, starting client 1/10, id: 12
round 91, starting client 2/10, id: 0
round 91, starting client 3/10, id: 71
round 91, starting client 4/10, id: 72

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round 91, starting client 5/10, id: 66
round 91, starting client 6/10, id: 9
round 91, starting client 7/10, id: 64
round 91, starting client 8/10, id: 22
round 91, starting client 9/10, id: 85
round 91, starting client 10/10, id: 19
round 91, validation acc: 0.9796
starting round 92
clients: [ 3 15 52 31 25 26 10 0 91 40]
round 92, starting client 1/10, id: 3
round 92, starting client 2/10, id: 15
round 92, starting client 3/10, id: 52
round 92, starting client 4/10, id: 31
round 92, starting client 5/10, id: 25
round 92, starting client 6/10, id: 26
round 92, starting client 7/10, id: 10
round 92, starting client 8/10, id: 0
round 92, starting client 9/10, id: 91
round 92, starting client 10/10, id: 40
round 92, validation acc: 0.9777
starting round 93
clients: [46 64 55 21 28 85 29 61 30 36]
round 93, starting client 1/10, id: 46
round 93, starting client 2/10, id: 64
round 93, starting client 3/10, id: 55
round 93, starting client 4/10, id: 21
round 93, starting client 5/10, id: 28
round 93, starting client 6/10, id: 85
round 93, starting client 7/10, id: 29
round 93, starting client 8/10, id: 61
round 93, starting client 9/10, id: 30
round 93, starting client 10/10, id: 36
round 93, validation acc: 0.9785
starting round 94
clients: [77 4 70 38 33 91 60 11 73 27]
round 94, starting client 1/10, id: 77
round 94, starting client 2/10, id: 4
round 94, starting client 3/10, id: 70
round 94, starting client 4/10, id: 38
round 94, starting client 5/10, id: 33
round 94, starting client 6/10, id: 91
round 94, starting client 7/10, id: 60
round 94, starting client 8/10, id: 11
round 94, starting client 9/10, id: 73
round 94, starting client 10/10, id: 27
round 94, validation acc: 0.9793
starting round 95
clients: [ 5 98 87 57 17 49 44 13 1 0]

```

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round 95, starting client 1/10, id: 5
round 95, starting client 2/10, id: 98
round 95, starting client 3/10, id: 87
round 95, starting client 4/10, id: 57
round 95, starting client 5/10, id: 17
round 95, starting client 6/10, id: 49
round 95, starting client 7/10, id: 44
round 95, starting client 8/10, id: 13
round 95, starting client 9/10, id: 1
round 95, starting client 10/10, id: 0
round 95, validation acc: 0.9791
starting round 96
clients: [27 3 46 74 96 35 68 13 16 41]
round 96, starting client 1/10, id: 27
round 96, starting client 2/10, id: 3
round 96, starting client 3/10, id: 46
round 96, starting client 4/10, id: 74
round 96, starting client 5/10, id: 96
round 96, starting client 6/10, id: 35
round 96, starting client 7/10, id: 68
round 96, starting client 8/10, id: 13
round 96, starting client 9/10, id: 16
round 96, starting client 10/10, id: 41
round 96, validation acc: 0.9773
starting round 97
clients: [79 10 44 4 7 45 26 32 49 39]
round 97, starting client 1/10, id: 79
round 97, starting client 2/10, id: 10
round 97, starting client 3/10, id: 44
round 97, starting client 4/10, id: 4
round 97, starting client 5/10, id: 7
round 97, starting client 6/10, id: 45
round 97, starting client 7/10, id: 26
round 97, starting client 8/10, id: 32
round 97, starting client 9/10, id: 49
round 97, starting client 10/10, id: 39
round 97, validation acc: 0.9784
starting round 98
clients: [99 20 50 12 76 82 61 77 22 91]
round 98, starting client 1/10, id: 99
round 98, starting client 2/10, id: 20
round 98, starting client 3/10, id: 50
round 98, starting client 4/10, id: 12
round 98, starting client 5/10, id: 76
round 98, starting client 6/10, id: 82
round 98, starting client 7/10, id: 61
round 98, starting client 8/10, id: 77
round 98, starting client 9/10, id: 22

```

```

round 98, starting client 10/10, id: 91
round 98, validation acc: 0.9791
starting round 99
clients: [17 81 45 49 71 62  2 92  5 10]
round 99, starting client 1/10, id: 17
round 99, starting client 2/10, id: 81
round 99, starting client 3/10, id: 45
round 99, starting client 4/10, id: 49
round 99, starting client 5/10, id: 71
round 99, starting client 6/10, id: 62
round 99, starting client 7/10, id: 2
round 99, starting client 8/10, id: 92
round 99, starting client 9/10, id: 5
round 99, starting client 10/10, id: 10
round 99, validation acc: 0.9792
[0.8184 0.8755 0.8904 0.9016 0.9113 0.9174 0.9234 0.9295 0.9311 0.9342
 0.9385 0.9397 0.9412 0.9464 0.9473 0.9511 0.9513 0.953  0.9532 0.9566
 0.956  0.9573 0.9585 0.9581 0.9604 0.9606 0.961  0.9636 0.963  0.9626
 0.9628 0.9621 0.9653 0.9657 0.964  0.9676 0.9667 0.968  0.9673 0.9693
 0.9692 0.97   0.9705 0.9704 0.9707 0.9707 0.9713 0.972  0.9717 0.9711
 0.9721 0.9727 0.973  0.9737 0.9742 0.9742 0.9737 0.9737 0.9743 0.9749
 0.9747 0.9764 0.9768 0.9751 0.9753 0.9749 0.9759 0.9767 0.9761 0.9768
 0.977  0.9772 0.9769 0.9765 0.9769 0.9771 0.9776 0.9776 0.9776 0.9781
 0.9776 0.9784 0.9775 0.978  0.9783 0.9775 0.9786 0.9776 0.9778 0.9778
 0.9775 0.9796 0.9777 0.9785 0.9793 0.9791 0.9773 0.9784 0.9791 0.9792]

```

```

[57]: import numpy as np
import matplotlib.pyplot as plt

def plot_curve(acc, ylabel="Test Accuracy", title="FedAvg (MLP)":
    acc = np.asarray(acc)

    fig = plt.figure(figsize=(6.2, 3.6))
    ax = fig.add_subplot(111)
    ax.plot(np.arange(1, len(acc)+1), acc, linewidth=2)

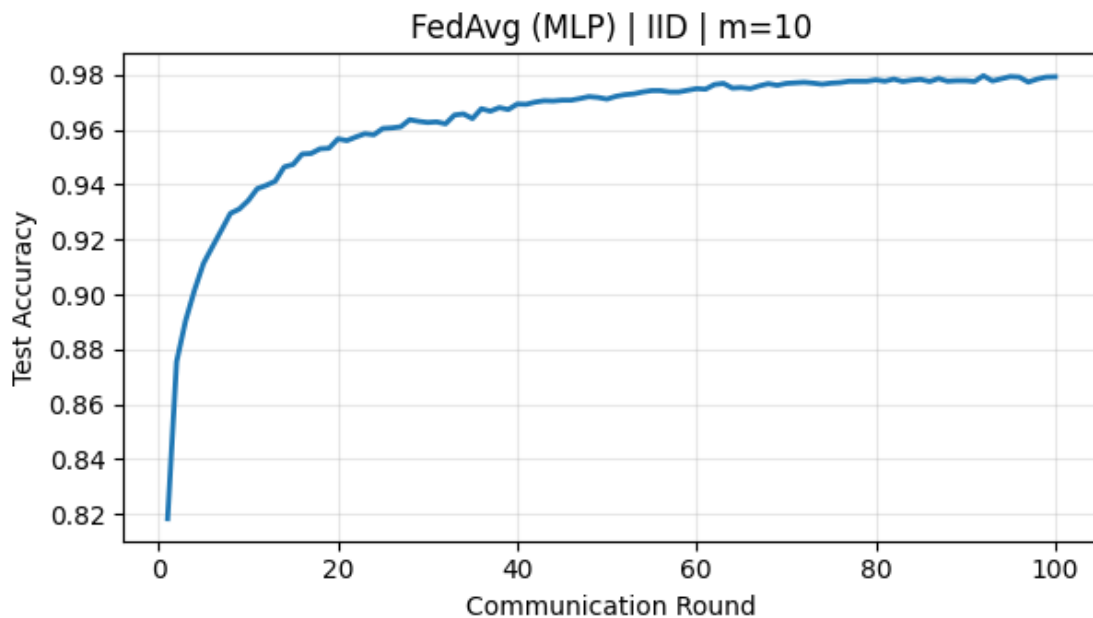
    ax.set_xlabel("Communication Round")
    ax.set_ylabel(ylabel)
    ax.set_title(title)
    ax.grid(True, alpha=0.3)

    fig.tight_layout()
    return fig

# Example usage
fig = plot_curve(acc_mlp_iid_m10, title="FedAvg (MLP) | IID | m=10")
fig.savefig("acc_mlp_iid_m10.pdf") # best for papers

```

```
fig.savefig("acc_mlp_iid_m10.svg")    # vector
fig.savefig("acc_mlp_iid_m10.png", dpi=300)
plt.show()
```



```
[58]: def plot_mean_std(curves, title="FedAvg"):
    curves = [np.asarray(c) for c in curves]
    T = min(len(c) for c in curves)
    M = np.stack([c[:T] for c in curves], axis=0)
    mean = M.mean(axis=0)
    std = M.std(axis=0)

    x = np.arange(1, T+1)
    fig = plt.figure(figsize=(6.2, 3.6))
    ax = fig.add_subplot(111)
    ax.plot(x, mean, linewidth=2)
    ax.fill_between(x, mean-std, mean+std, alpha=0.2)

    ax.set_xlabel("Communication Round")
    ax.set_ylabel("Test Accuracy")
    ax.set_title(title)
    ax.grid(True, alpha=0.3)
    fig.tight_layout()
    return fig
```

```
[61]: import torch
import numpy as np
```

```

import matplotlib.pyplot as plt

# ---- Helpers: flatten params / set params ----
def flatten_params(model: torch.nn.Module) -> torch.Tensor:
    return torch.cat([p.detach().flatten() for p in model.parameters()])

def set_params_from_flat(model: torch.nn.Module, flat: torch.Tensor):
    idx = 0
    with torch.no_grad():
        for p in model.parameters():
            n = p.numel()
            p.copy_(flat[idx:idx+n].view_as(p))
            idx += n

@torch.no_grad()
def eval_loss(model, data_loader, device, max_batches=10):
    model.eval()
    loss_fn = torch.nn.CrossEntropyLoss(reduction="mean")
    total_loss, total_n = 0.0, 0
    for b, (x, y) in enumerate(data_loader):
        if b >= max_batches:
            break
        x, y = x.to(device), y.to(device)
        logits = model(x)
        loss = loss_fn(logits, y)
        bs = x.size(0)
        total_loss += loss.item() * bs
        total_n += bs
    return total_loss / max(1, total_n)

def random_direction_like(w: torch.Tensor, seed=0):
    # reproducible without generator= (works across more torch versions)
    prev_state = torch.random.get_rng_state()
    torch.manual_seed(seed)
    d = torch.randn_like(w)
    torch.random.set_rng_state(prev_state)

    d = d / (d.norm() + 1e-12) # unit direction
    return d

def loss_surface_2d(model, loader, device, span=1.0, steps=41, seed1=0,
    ↪seed2=1, max_batches=10):
    model = model.to(device)
    w0 = flatten_params(model).to(device)

    d1 = random_direction_like(w0, seed=seed1)
    d2 = random_direction_like(w0, seed=seed2)

```

```

# Grid in (alpha, beta)
alphas = torch.linspace(-span, span, steps, device=device)
betas = torch.linspace(-span, span, steps, device=device)

Z = np.zeros((steps, steps), dtype=np.float64)

for i, a in enumerate(alphas):
    for j, b in enumerate(betas):
        w = w0 + a * d1 + b * d2
        set_params_from_flat(model, w)
        Z[i, j] = eval_loss(model, loader, device, max_batches=max_batches)

# restore original weights
set_params_from_flat(model, w0)
return alphas.detach().cpu().numpy(), betas.detach().cpu().numpy(), Z

def plot_surface_and_contour(alphas, betas, Z, title="Loss Surface"):
    A, B = np.meshgrid(betas, alphas) # note order for plotting
    # 3D surface
    fig1 = plt.figure(figsize=(7.0, 4.8))
    ax3d = fig1.add_subplot(111, projection="3d")
    ax3d.plot_surface(A, B, Z, rstride=1, cstride=1, linewidth=0,
        antialiased=True)
    ax3d.set_xlabel(r"$\beta$")
    ax3d.set_ylabel(r"$\alpha$")
    ax3d.set_zlabel("Loss")
    ax3d.set_title(title)
    fig1.tight_layout()

    # 2D contour
    fig2 = plt.figure(figsize=(6.2, 4.2))
    ax2 = fig2.add_subplot(111)
    cs = ax2.contour(A, B, Z, levels=25)
    ax2.clabel(cs, inline=True, fontsize=8)
    ax2.set_xlabel(r"$\beta$")
    ax2.set_ylabel(r"$\alpha$")
    ax2.set_title(title + " (Contour)")
    ax2.grid(True, alpha=0.3)
    fig2.tight_layout()

    return fig1, fig2

```

```

[62]: device = torch.device("cuda" if torch.cuda.is_available() else "cpu")

# Use your final trained model (after fed_avg_experiment)
final_model = mlp_iid_m10 # this should contain the final global weights

```

```

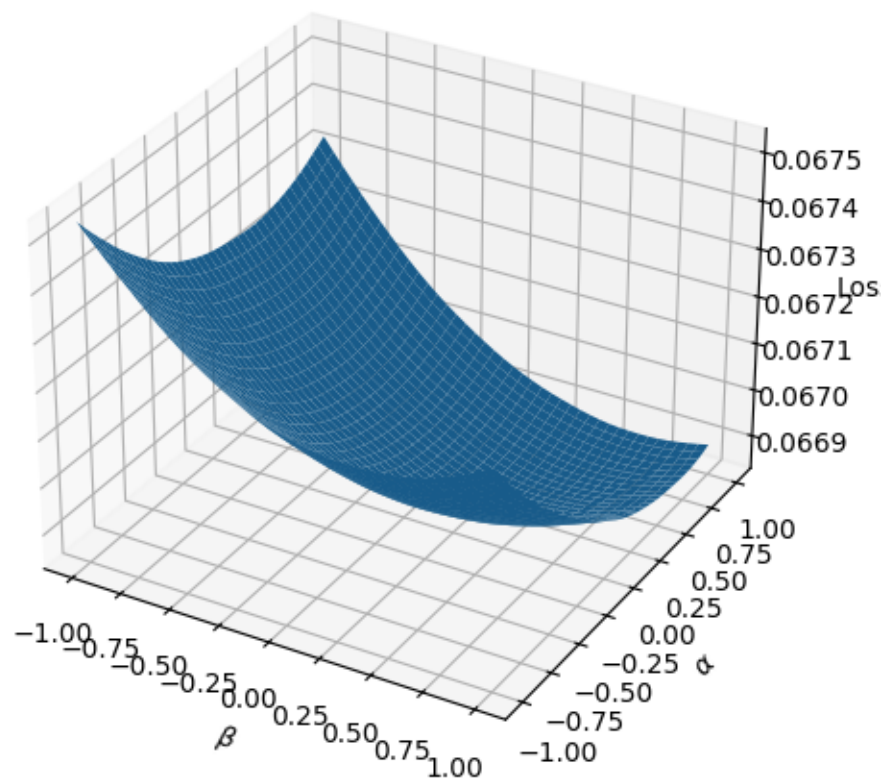
alphas, betas, Z = loss_surface_2d(
    model=final_model,
    loader=test_loader,
    device=device,
    span=1.0,          # try 0.5, 1.0, 2.0
    steps=41,          # 31/41 good; larger is slower
    max_batches=10     # increase for smoother surface (slower)
)

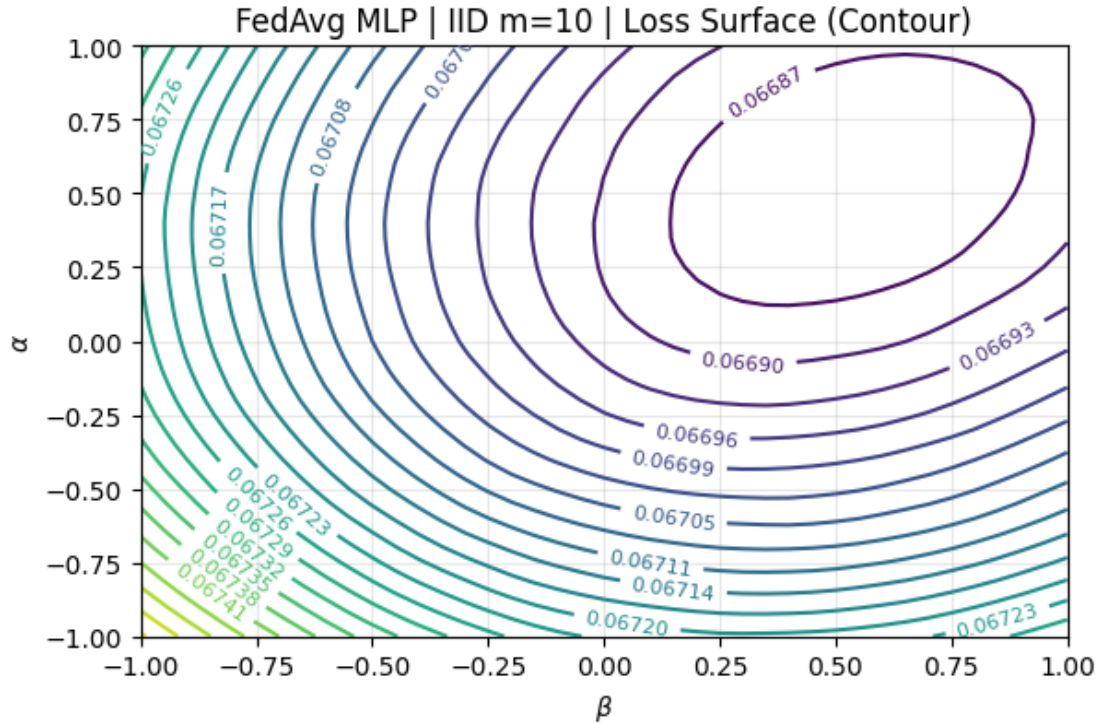
fig3d, fig2d = plot_surface_and_contour(alphas, betas, Z, title="FedAvg MLP |  $\alpha$ 
↪ IID m=10 | Loss Surface")

fig3d.savefig("loss_surface_3d.pdf")
fig2d.savefig("loss_surface_contour.pdf")
plt.show()

```

FedAvg MLP | IID m=10 | Loss Surface





```
[54]: # MLP - iid - m=50 experiment
mlp_iid_m50 = copy.deepcopy(mlp)
acc_mlp_iid_m50 = fed_avg_experiment(mlp_iid_m50, num_clients_per_round=50,
                                     num_local_epochs=1,
                                     lr=0.05,
                                     client_train_loader = iid_client_train_loader,
                                     max_rounds=100,
                                     filename='./acc_mlp_iid_m50')

print(acc_mlp_iid_m50)
np.save('./acc_mlp_iid_m50.npy', acc_mlp_iid_m50)
```

starting round 0

clients: [19 25 50 55 3 72 46 71 26 1 81 47 76 98 48 80 78 73 0 20 96 63 93 77

11 60 16 36 39 54 95 21 61 91 42 35 18 52 86 51 64 14 58 33 49 38 43 5 44 6]

round 0, starting client 1/50, id: 19
round 0, starting client 2/50, id: 25
round 0, starting client 3/50, id: 50
round 0, starting client 4/50, id: 55
round 0, starting client 5/50, id: 3
round 0, starting client 6/50, id: 72
round 0, starting client 7/50, id: 46
round 0, starting client 8/50, id: 71

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round 0, starting client 9/50, id: 26
round 0, starting client 10/50, id: 1
round 0, starting client 11/50, id: 81
round 0, starting client 12/50, id: 47
round 0, starting client 13/50, id: 76
round 0, starting client 14/50, id: 98
round 0, starting client 15/50, id: 48
round 0, starting client 16/50, id: 80
round 0, starting client 17/50, id: 78
round 0, starting client 18/50, id: 73
round 0, starting client 19/50, id: 0
round 0, starting client 20/50, id: 20
round 0, starting client 21/50, id: 96
round 0, starting client 22/50, id: 63
round 0, starting client 23/50, id: 93
round 0, starting client 24/50, id: 77
round 0, starting client 25/50, id: 11
round 0, starting client 26/50, id: 60
round 0, starting client 27/50, id: 16
round 0, starting client 28/50, id: 36
round 0, starting client 29/50, id: 39
round 0, starting client 30/50, id: 54
round 0, starting client 31/50, id: 95
round 0, starting client 32/50, id: 21
round 0, starting client 33/50, id: 61
round 0, starting client 34/50, id: 91
round 0, starting client 35/50, id: 42
round 0, starting client 36/50, id: 35
round 0, starting client 37/50, id: 18
round 0, starting client 38/50, id: 52
round 0, starting client 39/50, id: 86
round 0, starting client 40/50, id: 51
round 0, starting client 41/50, id: 64
round 0, starting client 42/50, id: 14
round 0, starting client 43/50, id: 58
round 0, starting client 44/50, id: 33
round 0, starting client 45/50, id: 49
round 0, starting client 46/50, id: 38
round 0, starting client 47/50, id: 43
round 0, starting client 48/50, id: 5
round 0, starting client 49/50, id: 44
round 0, starting client 50/50, id: 6
round 0, validation acc: 0.8135
starting round 1
clients: [33 65 72 40 73 36 91 54 11 71 2 31 88 76 96 86 78 90 89 23 94 4 70
16
93 35 38 95 66 1 48 15 22 29 46 61 32 21 44 85 75 92 59 17 14 6 3 80
67 56]

```

round 1, starting client 1/50, id: 33
round 1, starting client 2/50, id: 65
round 1, starting client 3/50, id: 72
round 1, starting client 4/50, id: 40
round 1, starting client 5/50, id: 73
round 1, starting client 6/50, id: 36
round 1, starting client 7/50, id: 91
round 1, starting client 8/50, id: 54
round 1, starting client 9/50, id: 11
round 1, starting client 10/50, id: 71
round 1, starting client 11/50, id: 2
round 1, starting client 12/50, id: 31
round 1, starting client 13/50, id: 88
round 1, starting client 14/50, id: 76
round 1, starting client 15/50, id: 96
round 1, starting client 16/50, id: 86
round 1, starting client 17/50, id: 78
round 1, starting client 18/50, id: 90
round 1, starting client 19/50, id: 89
round 1, starting client 20/50, id: 23
round 1, starting client 21/50, id: 94
round 1, starting client 22/50, id: 4
round 1, starting client 23/50, id: 70
round 1, starting client 24/50, id: 16
round 1, starting client 25/50, id: 93
round 1, starting client 26/50, id: 35
round 1, starting client 27/50, id: 38
round 1, starting client 28/50, id: 95
round 1, starting client 29/50, id: 66
round 1, starting client 30/50, id: 1
round 1, starting client 31/50, id: 48
round 1, starting client 32/50, id: 15
round 1, starting client 33/50, id: 22
round 1, starting client 34/50, id: 29
round 1, starting client 35/50, id: 46
round 1, starting client 36/50, id: 61
round 1, starting client 37/50, id: 32
round 1, starting client 38/50, id: 21
round 1, starting client 39/50, id: 44
round 1, starting client 40/50, id: 85
round 1, starting client 41/50, id: 75
round 1, starting client 42/50, id: 92
round 1, starting client 43/50, id: 59
round 1, starting client 44/50, id: 17
round 1, starting client 45/50, id: 14
round 1, starting client 46/50, id: 6
round 1, starting client 47/50, id: 3
round 1, starting client 48/50, id: 80

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round 1, starting client 49/50, id: 67
round 1, starting client 50/50, id: 56
round 1, validation acc: 0.8759
starting round 2
clients: [29 22 83 16 44 12 43  2  8 54 36 48 32 79 86 53 85 47 76 91  4 26 52
42
13 57 69 72 80 10 71 59  3 25 65 64 27 19  0 51 17 82 73 31 14  5 34 23
78 18]
round 2, starting client 1/50, id: 29
round 2, starting client 2/50, id: 22
round 2, starting client 3/50, id: 83
round 2, starting client 4/50, id: 16
round 2, starting client 5/50, id: 44
round 2, starting client 6/50, id: 12
round 2, starting client 7/50, id: 43
round 2, starting client 8/50, id: 2
round 2, starting client 9/50, id: 8
round 2, starting client 10/50, id: 54
round 2, starting client 11/50, id: 36
round 2, starting client 12/50, id: 48
round 2, starting client 13/50, id: 32
round 2, starting client 14/50, id: 79
round 2, starting client 15/50, id: 86
round 2, starting client 16/50, id: 53
round 2, starting client 17/50, id: 85
round 2, starting client 18/50, id: 47
round 2, starting client 19/50, id: 76
round 2, starting client 20/50, id: 91
round 2, starting client 21/50, id: 4
round 2, starting client 22/50, id: 26
round 2, starting client 23/50, id: 52
round 2, starting client 24/50, id: 42
round 2, starting client 25/50, id: 13
round 2, starting client 26/50, id: 57
round 2, starting client 27/50, id: 69
round 2, starting client 28/50, id: 72
round 2, starting client 29/50, id: 80
round 2, starting client 30/50, id: 10
round 2, starting client 31/50, id: 71
round 2, starting client 32/50, id: 59
round 2, starting client 33/50, id: 3
round 2, starting client 34/50, id: 25
round 2, starting client 35/50, id: 65
round 2, starting client 36/50, id: 64
round 2, starting client 37/50, id: 27
round 2, starting client 38/50, id: 19
round 2, starting client 39/50, id: 0
round 2, starting client 40/50, id: 51

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round 2, starting client 41/50, id: 17
round 2, starting client 42/50, id: 82
round 2, starting client 43/50, id: 73
round 2, starting client 44/50, id: 31
round 2, starting client 45/50, id: 14
round 2, starting client 46/50, id: 5
round 2, starting client 47/50, id: 34
round 2, starting client 48/50, id: 23
round 2, starting client 49/50, id: 78
round 2, starting client 50/50, id: 18
round 2, validation acc: 0.8995
starting round 3
clients: [24 93 94 29 79 25 58 96 87 11 66 63 84 69 78 35 13 75 8 34 41 91 0
85
43 36 57 74 39 99 40 49 16 51 64 98 62 1 38 56 80 30 70 67 17 46 89 95
82 20]
round 3, starting client 1/50, id: 24
round 3, starting client 2/50, id: 93
round 3, starting client 3/50, id: 94
round 3, starting client 4/50, id: 29
round 3, starting client 5/50, id: 79
round 3, starting client 6/50, id: 25
round 3, starting client 7/50, id: 58
round 3, starting client 8/50, id: 96
round 3, starting client 9/50, id: 87
round 3, starting client 10/50, id: 11
round 3, starting client 11/50, id: 66
round 3, starting client 12/50, id: 63
round 3, starting client 13/50, id: 84
round 3, starting client 14/50, id: 69
round 3, starting client 15/50, id: 78
round 3, starting client 16/50, id: 35
round 3, starting client 17/50, id: 13
round 3, starting client 18/50, id: 75
round 3, starting client 19/50, id: 8
round 3, starting client 20/50, id: 34
round 3, starting client 21/50, id: 41
round 3, starting client 22/50, id: 91
round 3, starting client 23/50, id: 0
round 3, starting client 24/50, id: 85
round 3, starting client 25/50, id: 43
round 3, starting client 26/50, id: 36
round 3, starting client 27/50, id: 57
round 3, starting client 28/50, id: 74
round 3, starting client 29/50, id: 39
round 3, starting client 30/50, id: 99
round 3, starting client 31/50, id: 40
round 3, starting client 32/50, id: 49

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round 3, starting client 33/50, id: 16
round 3, starting client 34/50, id: 51
round 3, starting client 35/50, id: 64
round 3, starting client 36/50, id: 98
round 3, starting client 37/50, id: 62
round 3, starting client 38/50, id: 1
round 3, starting client 39/50, id: 38
round 3, starting client 40/50, id: 56
round 3, starting client 41/50, id: 80
round 3, starting client 42/50, id: 30
round 3, starting client 43/50, id: 70
round 3, starting client 44/50, id: 67
round 3, starting client 45/50, id: 17
round 3, starting client 46/50, id: 46
round 3, starting client 47/50, id: 89
round 3, starting client 48/50, id: 95
round 3, starting client 49/50, id: 82
round 3, starting client 50/50, id: 20
round 3, validation acc: 0.909
starting round 4
clients: [59 25 91 84 75 38 27 46 87 15 9 45 17 0 20 73 11 89 57 44 12 32 97
13
23 52 50 21 41 14 6 16 80 39 30 36 54 72 35 31 96 2 55 74 92 85 26 99
94 10]
round 4, starting client 1/50, id: 59
round 4, starting client 2/50, id: 25
round 4, starting client 3/50, id: 91
round 4, starting client 4/50, id: 84
round 4, starting client 5/50, id: 75
round 4, starting client 6/50, id: 38
round 4, starting client 7/50, id: 27
round 4, starting client 8/50, id: 46
round 4, starting client 9/50, id: 87
round 4, starting client 10/50, id: 15
round 4, starting client 11/50, id: 9
round 4, starting client 12/50, id: 45
round 4, starting client 13/50, id: 17
round 4, starting client 14/50, id: 0
round 4, starting client 15/50, id: 20
round 4, starting client 16/50, id: 73
round 4, starting client 17/50, id: 11
round 4, starting client 18/50, id: 89
round 4, starting client 19/50, id: 57
round 4, starting client 20/50, id: 44
round 4, starting client 21/50, id: 12
round 4, starting client 22/50, id: 32
round 4, starting client 23/50, id: 97
round 4, starting client 24/50, id: 13

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round 4, starting client 25/50, id: 23
round 4, starting client 26/50, id: 52
round 4, starting client 27/50, id: 50
round 4, starting client 28/50, id: 21
round 4, starting client 29/50, id: 41
round 4, starting client 30/50, id: 14
round 4, starting client 31/50, id: 6
round 4, starting client 32/50, id: 16
round 4, starting client 33/50, id: 80
round 4, starting client 34/50, id: 39
round 4, starting client 35/50, id: 30
round 4, starting client 36/50, id: 36
round 4, starting client 37/50, id: 54
round 4, starting client 38/50, id: 72
round 4, starting client 39/50, id: 35
round 4, starting client 40/50, id: 31
round 4, starting client 41/50, id: 96
round 4, starting client 42/50, id: 2
round 4, starting client 43/50, id: 55
round 4, starting client 44/50, id: 74
round 4, starting client 45/50, id: 92
round 4, starting client 46/50, id: 85
round 4, starting client 47/50, id: 26
round 4, starting client 48/50, id: 99
round 4, starting client 49/50, id: 94
round 4, starting client 50/50, id: 10
round 4, validation acc: 0.9162
starting round 5
clients:  [ 1 36 89 52  2 58 15 67 96 59 32 20 95 27 99 61 82 81 22 40 12 16 77
53
 84 64 19 97 57 55 92 54 29  7 11 47 46  4 63 94 31 37 24 60 43  0 73 83
75 85]
round 5, starting client 1/50, id: 1
round 5, starting client 2/50, id: 36
round 5, starting client 3/50, id: 89
round 5, starting client 4/50, id: 52
round 5, starting client 5/50, id: 2
round 5, starting client 6/50, id: 58
round 5, starting client 7/50, id: 15
round 5, starting client 8/50, id: 67
round 5, starting client 9/50, id: 96
round 5, starting client 10/50, id: 59
round 5, starting client 11/50, id: 32
round 5, starting client 12/50, id: 20
round 5, starting client 13/50, id: 95
round 5, starting client 14/50, id: 27
round 5, starting client 15/50, id: 99
round 5, starting client 16/50, id: 61

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round 5, starting client 17/50, id: 82
round 5, starting client 18/50, id: 81
round 5, starting client 19/50, id: 22
round 5, starting client 20/50, id: 40
round 5, starting client 21/50, id: 12
round 5, starting client 22/50, id: 16
round 5, starting client 23/50, id: 77
round 5, starting client 24/50, id: 53
round 5, starting client 25/50, id: 84
round 5, starting client 26/50, id: 64
round 5, starting client 27/50, id: 19
round 5, starting client 28/50, id: 97
round 5, starting client 29/50, id: 57
round 5, starting client 30/50, id: 55
round 5, starting client 31/50, id: 92
round 5, starting client 32/50, id: 54
round 5, starting client 33/50, id: 29
round 5, starting client 34/50, id: 7
round 5, starting client 35/50, id: 11
round 5, starting client 36/50, id: 47
round 5, starting client 37/50, id: 46
round 5, starting client 38/50, id: 4
round 5, starting client 39/50, id: 63
round 5, starting client 40/50, id: 94
round 5, starting client 41/50, id: 31
round 5, starting client 42/50, id: 37
round 5, starting client 43/50, id: 24
round 5, starting client 44/50, id: 60
round 5, starting client 45/50, id: 43
round 5, starting client 46/50, id: 0
round 5, starting client 47/50, id: 73
round 5, starting client 48/50, id: 83
round 5, starting client 49/50, id: 75
round 5, starting client 50/50, id: 85
round 5, validation acc: 0.9206
starting round 6
clients: [57 25 96 86 44 59 41 76 20 45 99 52 11 74 7 47 34 60 46 29 36 37 91
58
3 92 53 1 22 38 31 68 10 30 90 28 89 15 18 97 35 21 13 64 98 33 95 23
4 73]
round 6, starting client 1/50, id: 57
round 6, starting client 2/50, id: 25
round 6, starting client 3/50, id: 96
round 6, starting client 4/50, id: 86
round 6, starting client 5/50, id: 44
round 6, starting client 6/50, id: 59
round 6, starting client 7/50, id: 41
round 6, starting client 8/50, id: 76

```



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round 6, starting client 9/50, id: 20
round 6, starting client 10/50, id: 45
round 6, starting client 11/50, id: 99
round 6, starting client 12/50, id: 52
round 6, starting client 13/50, id: 11
round 6, starting client 14/50, id: 74
round 6, starting client 15/50, id: 7
round 6, starting client 16/50, id: 47
round 6, starting client 17/50, id: 34
round 6, starting client 18/50, id: 60
round 6, starting client 19/50, id: 46
round 6, starting client 20/50, id: 29
round 6, starting client 21/50, id: 36
round 6, starting client 22/50, id: 37
round 6, starting client 23/50, id: 91
round 6, starting client 24/50, id: 58
round 6, starting client 25/50, id: 3
round 6, starting client 26/50, id: 92
round 6, starting client 27/50, id: 53
round 6, starting client 28/50, id: 1
round 6, starting client 29/50, id: 22
round 6, starting client 30/50, id: 38
round 6, starting client 31/50, id: 31
round 6, starting client 32/50, id: 68
round 6, starting client 33/50, id: 10
round 6, starting client 34/50, id: 30
round 6, starting client 35/50, id: 90
round 6, starting client 36/50, id: 28
round 6, starting client 37/50, id: 89
round 6, starting client 38/50, id: 15
round 6, starting client 39/50, id: 18
round 6, starting client 40/50, id: 97
round 6, starting client 41/50, id: 35
round 6, starting client 42/50, id: 21
round 6, starting client 43/50, id: 13
round 6, starting client 44/50, id: 64
round 6, starting client 45/50, id: 98
round 6, starting client 46/50, id: 33
round 6, starting client 47/50, id: 95
round 6, starting client 48/50, id: 23
round 6, starting client 49/50, id: 4
round 6, starting client 50/50, id: 73
round 6, validation acc: 0.9271
starting round 7
clients: [39 90 27 32 56 34 13 97 17 41 65 26 40 77 63 45 83 2 71 25 98 8 11
61
43 24 70 53 0 82 35 79 74 21 87 92 54 51 55 81 60 23 18 50 73 85 75 15
99 9]

```

round 7, starting client 1/50, id: 39
round 7, starting client 2/50, id: 90
round 7, starting client 3/50, id: 27
round 7, starting client 4/50, id: 32
round 7, starting client 5/50, id: 56
round 7, starting client 6/50, id: 34
round 7, starting client 7/50, id: 13
round 7, starting client 8/50, id: 97
round 7, starting client 9/50, id: 17
round 7, starting client 10/50, id: 41
round 7, starting client 11/50, id: 65
round 7, starting client 12/50, id: 26
round 7, starting client 13/50, id: 40
round 7, starting client 14/50, id: 77
round 7, starting client 15/50, id: 63
round 7, starting client 16/50, id: 45
round 7, starting client 17/50, id: 83
round 7, starting client 18/50, id: 2
round 7, starting client 19/50, id: 71
round 7, starting client 20/50, id: 25
round 7, starting client 21/50, id: 98
round 7, starting client 22/50, id: 8
round 7, starting client 23/50, id: 11
round 7, starting client 24/50, id: 61
round 7, starting client 25/50, id: 43
round 7, starting client 26/50, id: 24
round 7, starting client 27/50, id: 70
round 7, starting client 28/50, id: 53
round 7, starting client 29/50, id: 0
round 7, starting client 30/50, id: 82
round 7, starting client 31/50, id: 35
round 7, starting client 32/50, id: 79
round 7, starting client 33/50, id: 74
round 7, starting client 34/50, id: 21
round 7, starting client 35/50, id: 87
round 7, starting client 36/50, id: 92
round 7, starting client 37/50, id: 54
round 7, starting client 38/50, id: 51
round 7, starting client 39/50, id: 55
round 7, starting client 40/50, id: 81
round 7, starting client 41/50, id: 60
round 7, starting client 42/50, id: 23
round 7, starting client 43/50, id: 18
round 7, starting client 44/50, id: 50
round 7, starting client 45/50, id: 73
round 7, starting client 46/50, id: 85
round 7, starting client 47/50, id: 75
round 7, starting client 48/50, id: 15

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round 7, starting client 49/50, id: 99
round 7, starting client 50/50, id: 9
round 7, validation acc: 0.9311
starting round 8
clients: [80 16 56 67 84 87 74 9 57 60 86 78 50 95 71 72 68 90 34 5 42 69 37
8
29 96 54 2 55 82 7 4 45 91 58 21 52 88 48 1 83 93 32 73 38 81 85 43
61 89]
round 8, starting client 1/50, id: 80
round 8, starting client 2/50, id: 16
round 8, starting client 3/50, id: 56
round 8, starting client 4/50, id: 67
round 8, starting client 5/50, id: 84
round 8, starting client 6/50, id: 87
round 8, starting client 7/50, id: 74
round 8, starting client 8/50, id: 9
round 8, starting client 9/50, id: 57
round 8, starting client 10/50, id: 60
round 8, starting client 11/50, id: 86
round 8, starting client 12/50, id: 78
round 8, starting client 13/50, id: 50
round 8, starting client 14/50, id: 95
round 8, starting client 15/50, id: 71
round 8, starting client 16/50, id: 72
round 8, starting client 17/50, id: 68
round 8, starting client 18/50, id: 90
round 8, starting client 19/50, id: 34
round 8, starting client 20/50, id: 5
round 8, starting client 21/50, id: 42
round 8, starting client 22/50, id: 69
round 8, starting client 23/50, id: 37
round 8, starting client 24/50, id: 8
round 8, starting client 25/50, id: 29
round 8, starting client 26/50, id: 96
round 8, starting client 27/50, id: 54
round 8, starting client 28/50, id: 2
round 8, starting client 29/50, id: 55
round 8, starting client 30/50, id: 82
round 8, starting client 31/50, id: 7
round 8, starting client 32/50, id: 4
round 8, starting client 33/50, id: 45
round 8, starting client 34/50, id: 91
round 8, starting client 35/50, id: 58
round 8, starting client 36/50, id: 21
round 8, starting client 37/50, id: 52
round 8, starting client 38/50, id: 88
round 8, starting client 39/50, id: 48
round 8, starting client 40/50, id: 1

```

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round 8, starting client 41/50, id: 83
round 8, starting client 42/50, id: 93
round 8, starting client 43/50, id: 32
round 8, starting client 44/50, id: 73
round 8, starting client 45/50, id: 38
round 8, starting client 46/50, id: 81
round 8, starting client 47/50, id: 85
round 8, starting client 48/50, id: 43
round 8, starting client 49/50, id: 61
round 8, starting client 50/50, id: 89
round 8, validation acc: 0.9359
starting round 9
clients: [74 0 82 42 83 86 21 79 76 93 49 39 80 18 1 16 57 5 9 85 91 53 67
23
64 14 30 55 90 35 88 72 36 77 59 10 2 26 66 61 27 58 25 51 33 99 75 28
71 73]
round 9, starting client 1/50, id: 74
round 9, starting client 2/50, id: 0
round 9, starting client 3/50, id: 82
round 9, starting client 4/50, id: 42
round 9, starting client 5/50, id: 83
round 9, starting client 6/50, id: 86
round 9, starting client 7/50, id: 21
round 9, starting client 8/50, id: 79
round 9, starting client 9/50, id: 76
round 9, starting client 10/50, id: 93
round 9, starting client 11/50, id: 49
round 9, starting client 12/50, id: 39
round 9, starting client 13/50, id: 80
round 9, starting client 14/50, id: 18
round 9, starting client 15/50, id: 1
round 9, starting client 16/50, id: 16
round 9, starting client 17/50, id: 57
round 9, starting client 18/50, id: 5
round 9, starting client 19/50, id: 9
round 9, starting client 20/50, id: 85
round 9, starting client 21/50, id: 91
round 9, starting client 22/50, id: 53
round 9, starting client 23/50, id: 67
round 9, starting client 24/50, id: 23
round 9, starting client 25/50, id: 64
round 9, starting client 26/50, id: 14
round 9, starting client 27/50, id: 30
round 9, starting client 28/50, id: 55
round 9, starting client 29/50, id: 90
round 9, starting client 30/50, id: 35
round 9, starting client 31/50, id: 88
round 9, starting client 32/50, id: 72

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round 9, starting client 33/50, id: 36
round 9, starting client 34/50, id: 77
round 9, starting client 35/50, id: 59
round 9, starting client 36/50, id: 10
round 9, starting client 37/50, id: 2
round 9, starting client 38/50, id: 26
round 9, starting client 39/50, id: 66
round 9, starting client 40/50, id: 61
round 9, starting client 41/50, id: 27
round 9, starting client 42/50, id: 58
round 9, starting client 43/50, id: 25
round 9, starting client 44/50, id: 51
round 9, starting client 45/50, id: 33
round 9, starting client 46/50, id: 99
round 9, starting client 47/50, id: 75
round 9, starting client 48/50, id: 28
round 9, starting client 49/50, id: 71
round 9, starting client 50/50, id: 73
round 9, validation acc: 0.9379
starting round 10
clients: [19 13 21 77 37 8 56 17 96 82 14 89 28 38 69 65 47 39 33 2 4 73 88
20
45 92 70 83 57 84 86 26 27 0 72 58 18 62 35 50 29 63 44 42 7 15 94 54
23 12]
round 10, starting client 1/50, id: 19
round 10, starting client 2/50, id: 13
round 10, starting client 3/50, id: 21
round 10, starting client 4/50, id: 77
round 10, starting client 5/50, id: 37
round 10, starting client 6/50, id: 8
round 10, starting client 7/50, id: 56
round 10, starting client 8/50, id: 17
round 10, starting client 9/50, id: 96
round 10, starting client 10/50, id: 82
round 10, starting client 11/50, id: 14
round 10, starting client 12/50, id: 89
round 10, starting client 13/50, id: 28
round 10, starting client 14/50, id: 38
round 10, starting client 15/50, id: 69
round 10, starting client 16/50, id: 65
round 10, starting client 17/50, id: 47
round 10, starting client 18/50, id: 39
round 10, starting client 19/50, id: 33
round 10, starting client 20/50, id: 2
round 10, starting client 21/50, id: 4
round 10, starting client 22/50, id: 73
round 10, starting client 23/50, id: 88
round 10, starting client 24/50, id: 20

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round 10, starting client 25/50, id: 45
round 10, starting client 26/50, id: 92
round 10, starting client 27/50, id: 70
round 10, starting client 28/50, id: 83
round 10, starting client 29/50, id: 57
round 10, starting client 30/50, id: 84
round 10, starting client 31/50, id: 86
round 10, starting client 32/50, id: 26
round 10, starting client 33/50, id: 27
round 10, starting client 34/50, id: 0
round 10, starting client 35/50, id: 72
round 10, starting client 36/50, id: 58
round 10, starting client 37/50, id: 18
round 10, starting client 38/50, id: 62
round 10, starting client 39/50, id: 35
round 10, starting client 40/50, id: 50
round 10, starting client 41/50, id: 29
round 10, starting client 42/50, id: 63
round 10, starting client 43/50, id: 44
round 10, starting client 44/50, id: 42
round 10, starting client 45/50, id: 7
round 10, starting client 46/50, id: 15
round 10, starting client 47/50, id: 94
round 10, starting client 48/50, id: 54
round 10, starting client 49/50, id: 23
round 10, starting client 50/50, id: 12
round 10, validation acc: 0.9424
starting round 11
clients: [72 91 59 71 4 60 11 67 20 41 62 25 24 13 10 65 76 80 74 28 18 95 54
83
61 0 36 64 9 78 1 79 88 30 99 43 85 2 66 57 6 75 93 92 52 19 49 42
87 21]
round 11, starting client 1/50, id: 72
round 11, starting client 2/50, id: 91
round 11, starting client 3/50, id: 59
round 11, starting client 4/50, id: 71
round 11, starting client 5/50, id: 4
round 11, starting client 6/50, id: 60
round 11, starting client 7/50, id: 11
round 11, starting client 8/50, id: 67
round 11, starting client 9/50, id: 20
round 11, starting client 10/50, id: 41
round 11, starting client 11/50, id: 62
round 11, starting client 12/50, id: 25
round 11, starting client 13/50, id: 24
round 11, starting client 14/50, id: 13
round 11, starting client 15/50, id: 10
round 11, starting client 16/50, id: 65

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round 11, starting client 17/50, id: 76
round 11, starting client 18/50, id: 80
round 11, starting client 19/50, id: 74
round 11, starting client 20/50, id: 28
round 11, starting client 21/50, id: 18
round 11, starting client 22/50, id: 95
round 11, starting client 23/50, id: 54
round 11, starting client 24/50, id: 83
round 11, starting client 25/50, id: 61
round 11, starting client 26/50, id: 0
round 11, starting client 27/50, id: 36
round 11, starting client 28/50, id: 64
round 11, starting client 29/50, id: 9
round 11, starting client 30/50, id: 78
round 11, starting client 31/50, id: 1
round 11, starting client 32/50, id: 79
round 11, starting client 33/50, id: 88
round 11, starting client 34/50, id: 30
round 11, starting client 35/50, id: 99
round 11, starting client 36/50, id: 43
round 11, starting client 37/50, id: 85
round 11, starting client 38/50, id: 2
round 11, starting client 39/50, id: 66
round 11, starting client 40/50, id: 57
round 11, starting client 41/50, id: 6
round 11, starting client 42/50, id: 75
round 11, starting client 43/50, id: 93
round 11, starting client 44/50, id: 92
round 11, starting client 45/50, id: 52
round 11, starting client 46/50, id: 19
round 11, starting client 47/50, id: 49
round 11, starting client 48/50, id: 42
round 11, starting client 49/50, id: 87
round 11, starting client 50/50, id: 21
round 11, validation acc: 0.9438
starting round 12
clients: [99 92 71 42 59 29 76 34 33 88 67 12 35 22 23 7 80 81 72 73 32 38 93
54
58 25 11 44 39 82 24 65 30 4 77 63 97 15 1 19 75 85 27 70 17 91 60 84
31 61]
round 12, starting client 1/50, id: 99
round 12, starting client 2/50, id: 92
round 12, starting client 3/50, id: 71
round 12, starting client 4/50, id: 42
round 12, starting client 5/50, id: 59
round 12, starting client 6/50, id: 29
round 12, starting client 7/50, id: 76
round 12, starting client 8/50, id: 34

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round 12, starting client 9/50, id: 33
round 12, starting client 10/50, id: 88
round 12, starting client 11/50, id: 67
round 12, starting client 12/50, id: 12
round 12, starting client 13/50, id: 35
round 12, starting client 14/50, id: 22
round 12, starting client 15/50, id: 23
round 12, starting client 16/50, id: 7
round 12, starting client 17/50, id: 80
round 12, starting client 18/50, id: 81
round 12, starting client 19/50, id: 72
round 12, starting client 20/50, id: 73
round 12, starting client 21/50, id: 32
round 12, starting client 22/50, id: 38
round 12, starting client 23/50, id: 93
round 12, starting client 24/50, id: 54
round 12, starting client 25/50, id: 58
round 12, starting client 26/50, id: 25
round 12, starting client 27/50, id: 11
round 12, starting client 28/50, id: 44
round 12, starting client 29/50, id: 39
round 12, starting client 30/50, id: 82
round 12, starting client 31/50, id: 24
round 12, starting client 32/50, id: 65
round 12, starting client 33/50, id: 30
round 12, starting client 34/50, id: 4
round 12, starting client 35/50, id: 77
round 12, starting client 36/50, id: 63
round 12, starting client 37/50, id: 97
round 12, starting client 38/50, id: 15
round 12, starting client 39/50, id: 1
round 12, starting client 40/50, id: 19
round 12, starting client 41/50, id: 75
round 12, starting client 42/50, id: 85
round 12, starting client 43/50, id: 27
round 12, starting client 44/50, id: 70
round 12, starting client 45/50, id: 17
round 12, starting client 46/50, id: 91
round 12, starting client 47/50, id: 60
round 12, starting client 48/50, id: 84
round 12, starting client 49/50, id: 31
round 12, starting client 50/50, id: 61
round 12, validation acc: 0.9457
starting round 13
clients: [24 48 38 18 72 47 28 74 96 93 50 58 46 41 84 61 35 76 82 49 53 86 12
25
81 14 88 15 63 22 31 26 7 75 33 23 37 77 44 51 9 5 54 98 92 4 13 40
8 29]

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round 13, starting client 1/50, id: 24
round 13, starting client 2/50, id: 48
round 13, starting client 3/50, id: 38
round 13, starting client 4/50, id: 18
round 13, starting client 5/50, id: 72
round 13, starting client 6/50, id: 47
round 13, starting client 7/50, id: 28
round 13, starting client 8/50, id: 74
round 13, starting client 9/50, id: 96
round 13, starting client 10/50, id: 93
round 13, starting client 11/50, id: 50
round 13, starting client 12/50, id: 58
round 13, starting client 13/50, id: 46
round 13, starting client 14/50, id: 41
round 13, starting client 15/50, id: 84
round 13, starting client 16/50, id: 61
round 13, starting client 17/50, id: 35
round 13, starting client 18/50, id: 76
round 13, starting client 19/50, id: 82
round 13, starting client 20/50, id: 49
round 13, starting client 21/50, id: 53
round 13, starting client 22/50, id: 86
round 13, starting client 23/50, id: 12
round 13, starting client 24/50, id: 25
round 13, starting client 25/50, id: 81
round 13, starting client 26/50, id: 14
round 13, starting client 27/50, id: 88
round 13, starting client 28/50, id: 15
round 13, starting client 29/50, id: 63
round 13, starting client 30/50, id: 22
round 13, starting client 31/50, id: 31
round 13, starting client 32/50, id: 26
round 13, starting client 33/50, id: 7
round 13, starting client 34/50, id: 75
round 13, starting client 35/50, id: 33
round 13, starting client 36/50, id: 23
round 13, starting client 37/50, id: 37
round 13, starting client 38/50, id: 77
round 13, starting client 39/50, id: 44
round 13, starting client 40/50, id: 51
round 13, starting client 41/50, id: 9
round 13, starting client 42/50, id: 5
round 13, starting client 43/50, id: 54
round 13, starting client 44/50, id: 98
round 13, starting client 45/50, id: 92
round 13, starting client 46/50, id: 4
round 13, starting client 47/50, id: 13
round 13, starting client 48/50, id: 40

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round 13, starting client 49/50, id: 8
round 13, starting client 50/50, id: 29
round 13, validation acc: 0.948
starting round 14
clients: [84 96 25 0 89 42 6 30 98 72 1 27 47 36 14 92 35 58 88 23 95 28 87
62
45 99 7 9 31 41 32 78 13 12 86 53 79 90 85 24 93 8 60 10 71 52 63 19
64 56]
round 14, starting client 1/50, id: 84
round 14, starting client 2/50, id: 96
round 14, starting client 3/50, id: 25
round 14, starting client 4/50, id: 0
round 14, starting client 5/50, id: 89
round 14, starting client 6/50, id: 42
round 14, starting client 7/50, id: 6
round 14, starting client 8/50, id: 30
round 14, starting client 9/50, id: 98
round 14, starting client 10/50, id: 72
round 14, starting client 11/50, id: 1
round 14, starting client 12/50, id: 27
round 14, starting client 13/50, id: 47
round 14, starting client 14/50, id: 36
round 14, starting client 15/50, id: 14
round 14, starting client 16/50, id: 92
round 14, starting client 17/50, id: 35
round 14, starting client 18/50, id: 58
round 14, starting client 19/50, id: 88
round 14, starting client 20/50, id: 23
round 14, starting client 21/50, id: 95
round 14, starting client 22/50, id: 28
round 14, starting client 23/50, id: 87
round 14, starting client 24/50, id: 62
round 14, starting client 25/50, id: 45
round 14, starting client 26/50, id: 99
round 14, starting client 27/50, id: 7
round 14, starting client 28/50, id: 9
round 14, starting client 29/50, id: 31
round 14, starting client 30/50, id: 41
round 14, starting client 31/50, id: 32
round 14, starting client 32/50, id: 78
round 14, starting client 33/50, id: 13
round 14, starting client 34/50, id: 12
round 14, starting client 35/50, id: 86
round 14, starting client 36/50, id: 53
round 14, starting client 37/50, id: 79
round 14, starting client 38/50, id: 90
round 14, starting client 39/50, id: 85
round 14, starting client 40/50, id: 24

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round 14, starting client 41/50, id: 93
round 14, starting client 42/50, id: 8
round 14, starting client 43/50, id: 60
round 14, starting client 44/50, id: 10
round 14, starting client 45/50, id: 71
round 14, starting client 46/50, id: 52
round 14, starting client 47/50, id: 63
round 14, starting client 48/50, id: 19
round 14, starting client 49/50, id: 64
round 14, starting client 50/50, id: 56
round 14, validation acc: 0.9504
starting round 15
clients: [49 99 42 80 69 86 50 34 29 55 90 77 74 82 45 83 51 0 12 18 22 31 89
68
26 13 81 60 20 19 70 62 78 44 65 16 23 59 3 17 61 56 94 46 52 39 8 48
87 64]
round 15, starting client 1/50, id: 49
round 15, starting client 2/50, id: 99
round 15, starting client 3/50, id: 42
round 15, starting client 4/50, id: 80
round 15, starting client 5/50, id: 69
round 15, starting client 6/50, id: 86
round 15, starting client 7/50, id: 50
round 15, starting client 8/50, id: 34
round 15, starting client 9/50, id: 29
round 15, starting client 10/50, id: 55
round 15, starting client 11/50, id: 90
round 15, starting client 12/50, id: 77
round 15, starting client 13/50, id: 74
round 15, starting client 14/50, id: 82
round 15, starting client 15/50, id: 45
round 15, starting client 16/50, id: 83
round 15, starting client 17/50, id: 51
round 15, starting client 18/50, id: 0
round 15, starting client 19/50, id: 12
round 15, starting client 20/50, id: 18
round 15, starting client 21/50, id: 22
round 15, starting client 22/50, id: 31
round 15, starting client 23/50, id: 89
round 15, starting client 24/50, id: 68
round 15, starting client 25/50, id: 26
round 15, starting client 26/50, id: 13
round 15, starting client 27/50, id: 81
round 15, starting client 28/50, id: 60
round 15, starting client 29/50, id: 20
round 15, starting client 30/50, id: 19
round 15, starting client 31/50, id: 70
round 15, starting client 32/50, id: 62

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round 15, starting client 33/50, id: 78
round 15, starting client 34/50, id: 44
round 15, starting client 35/50, id: 65
round 15, starting client 36/50, id: 16
round 15, starting client 37/50, id: 23
round 15, starting client 38/50, id: 59
round 15, starting client 39/50, id: 3
round 15, starting client 40/50, id: 17
round 15, starting client 41/50, id: 61
round 15, starting client 42/50, id: 56
round 15, starting client 43/50, id: 94
round 15, starting client 44/50, id: 46
round 15, starting client 45/50, id: 52
round 15, starting client 46/50, id: 39
round 15, starting client 47/50, id: 8
round 15, starting client 48/50, id: 48
round 15, starting client 49/50, id: 87
round 15, starting client 50/50, id: 64
round 15, validation acc: 0.952
starting round 16
clients: [81 93 31 88 54 55 19 78 82 73 52 5 36 87 56 80 22 47 74 38 32 20 89
63
96 7 11 75 85 61 51 12 65 15 18 45 25 1 64 26 66 10 28 92 58 43 86 48
69 50]
round 16, starting client 1/50, id: 81
round 16, starting client 2/50, id: 93
round 16, starting client 3/50, id: 31
round 16, starting client 4/50, id: 88
round 16, starting client 5/50, id: 54
round 16, starting client 6/50, id: 55
round 16, starting client 7/50, id: 19
round 16, starting client 8/50, id: 78
round 16, starting client 9/50, id: 82
round 16, starting client 10/50, id: 73
round 16, starting client 11/50, id: 52
round 16, starting client 12/50, id: 5
round 16, starting client 13/50, id: 36
round 16, starting client 14/50, id: 87
round 16, starting client 15/50, id: 56
round 16, starting client 16/50, id: 80
round 16, starting client 17/50, id: 22
round 16, starting client 18/50, id: 47
round 16, starting client 19/50, id: 74
round 16, starting client 20/50, id: 38
round 16, starting client 21/50, id: 32
round 16, starting client 22/50, id: 20
round 16, starting client 23/50, id: 89
round 16, starting client 24/50, id: 63

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round 16, starting client 25/50, id: 96
round 16, starting client 26/50, id: 7
round 16, starting client 27/50, id: 11
round 16, starting client 28/50, id: 75
round 16, starting client 29/50, id: 85
round 16, starting client 30/50, id: 61
round 16, starting client 31/50, id: 51
round 16, starting client 32/50, id: 12
round 16, starting client 33/50, id: 65
round 16, starting client 34/50, id: 15
round 16, starting client 35/50, id: 18
round 16, starting client 36/50, id: 45
round 16, starting client 37/50, id: 25
round 16, starting client 38/50, id: 1
round 16, starting client 39/50, id: 64
round 16, starting client 40/50, id: 26
round 16, starting client 41/50, id: 66
round 16, starting client 42/50, id: 10
round 16, starting client 43/50, id: 28
round 16, starting client 44/50, id: 92
round 16, starting client 45/50, id: 58
round 16, starting client 46/50, id: 43
round 16, starting client 47/50, id: 86
round 16, starting client 48/50, id: 48
round 16, starting client 49/50, id: 69
round 16, starting client 50/50, id: 50
round 16, validation acc: 0.9535
starting round 17
clients: [21 76 8 3 69 84 70 23 17 95 26 4 99 27 94 30 32 46 79 0 96 18 97
16
71 80 60 74 92 65 88 24 44 15 75 89 43 93 11 48 12 6 57 59 28 20 72 54
41 10]
round 17, starting client 1/50, id: 21
round 17, starting client 2/50, id: 76
round 17, starting client 3/50, id: 8
round 17, starting client 4/50, id: 3
round 17, starting client 5/50, id: 69
round 17, starting client 6/50, id: 84
round 17, starting client 7/50, id: 70
round 17, starting client 8/50, id: 23
round 17, starting client 9/50, id: 17
round 17, starting client 10/50, id: 95
round 17, starting client 11/50, id: 26
round 17, starting client 12/50, id: 4
round 17, starting client 13/50, id: 99
round 17, starting client 14/50, id: 27
round 17, starting client 15/50, id: 94
round 17, starting client 16/50, id: 30

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round 17, starting client 17/50, id: 32
round 17, starting client 18/50, id: 46
round 17, starting client 19/50, id: 79
round 17, starting client 20/50, id: 0
round 17, starting client 21/50, id: 96
round 17, starting client 22/50, id: 18
round 17, starting client 23/50, id: 97
round 17, starting client 24/50, id: 16
round 17, starting client 25/50, id: 71
round 17, starting client 26/50, id: 80
round 17, starting client 27/50, id: 60
round 17, starting client 28/50, id: 74
round 17, starting client 29/50, id: 92
round 17, starting client 30/50, id: 65
round 17, starting client 31/50, id: 88
round 17, starting client 32/50, id: 24
round 17, starting client 33/50, id: 44
round 17, starting client 34/50, id: 15
round 17, starting client 35/50, id: 75
round 17, starting client 36/50, id: 89
round 17, starting client 37/50, id: 43
round 17, starting client 38/50, id: 93
round 17, starting client 39/50, id: 11
round 17, starting client 40/50, id: 48
round 17, starting client 41/50, id: 12
round 17, starting client 42/50, id: 6
round 17, starting client 43/50, id: 57
round 17, starting client 44/50, id: 59
round 17, starting client 45/50, id: 28
round 17, starting client 46/50, id: 20
round 17, starting client 47/50, id: 72
round 17, starting client 48/50, id: 54
round 17, starting client 49/50, id: 41
round 17, starting client 50/50, id: 10
round 17, validation acc: 0.9548
starting round 18
clients: [17 87 9 4 47 62 16 52 33 44 76 19 78 39 6 71 82 66 24 21 74 13 41
92
7 65 83 25 63 91 69 95 93 81 77 27 48 56 35 64 86 58 60 46 99 89 37 67
90 36]
round 18, starting client 1/50, id: 17
round 18, starting client 2/50, id: 87
round 18, starting client 3/50, id: 9
round 18, starting client 4/50, id: 4
round 18, starting client 5/50, id: 47
round 18, starting client 6/50, id: 62
round 18, starting client 7/50, id: 16
round 18, starting client 8/50, id: 52

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round 18, starting client 9/50, id: 33
round 18, starting client 10/50, id: 44
round 18, starting client 11/50, id: 76
round 18, starting client 12/50, id: 19
round 18, starting client 13/50, id: 78
round 18, starting client 14/50, id: 39
round 18, starting client 15/50, id: 6
round 18, starting client 16/50, id: 71
round 18, starting client 17/50, id: 82
round 18, starting client 18/50, id: 66
round 18, starting client 19/50, id: 24
round 18, starting client 20/50, id: 21
round 18, starting client 21/50, id: 74
round 18, starting client 22/50, id: 13
round 18, starting client 23/50, id: 41
round 18, starting client 24/50, id: 92
round 18, starting client 25/50, id: 7
round 18, starting client 26/50, id: 65
round 18, starting client 27/50, id: 83
round 18, starting client 28/50, id: 25
round 18, starting client 29/50, id: 63
round 18, starting client 30/50, id: 91
round 18, starting client 31/50, id: 69
round 18, starting client 32/50, id: 95
round 18, starting client 33/50, id: 93
round 18, starting client 34/50, id: 81
round 18, starting client 35/50, id: 77
round 18, starting client 36/50, id: 27
round 18, starting client 37/50, id: 48
round 18, starting client 38/50, id: 56
round 18, starting client 39/50, id: 35
round 18, starting client 40/50, id: 64
round 18, starting client 41/50, id: 86
round 18, starting client 42/50, id: 58
round 18, starting client 43/50, id: 60
round 18, starting client 44/50, id: 46
round 18, starting client 45/50, id: 99
round 18, starting client 46/50, id: 89
round 18, starting client 47/50, id: 37
round 18, starting client 48/50, id: 67
round 18, starting client 49/50, id: 90
round 18, starting client 50/50, id: 36
round 18, validation acc: 0.9558
starting round 19
clients: [72 22 86 98 83 51 74 75 50 94 71 80 99 44 4 93 10 92 27 3 31 78 55
2
64 49 67 5 24 47 70 30 57 28 69 95 21 45 35 11 79 91 82 19 17 53 18 9
90 20]

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round 19, starting client 1/50, id: 72
round 19, starting client 2/50, id: 22
round 19, starting client 3/50, id: 86
round 19, starting client 4/50, id: 98
round 19, starting client 5/50, id: 83
round 19, starting client 6/50, id: 51
round 19, starting client 7/50, id: 74
round 19, starting client 8/50, id: 75
round 19, starting client 9/50, id: 50
round 19, starting client 10/50, id: 94
round 19, starting client 11/50, id: 71
round 19, starting client 12/50, id: 80
round 19, starting client 13/50, id: 99
round 19, starting client 14/50, id: 44
round 19, starting client 15/50, id: 4
round 19, starting client 16/50, id: 93
round 19, starting client 17/50, id: 10
round 19, starting client 18/50, id: 92
round 19, starting client 19/50, id: 27
round 19, starting client 20/50, id: 3
round 19, starting client 21/50, id: 31
round 19, starting client 22/50, id: 78
round 19, starting client 23/50, id: 55
round 19, starting client 24/50, id: 2
round 19, starting client 25/50, id: 64
round 19, starting client 26/50, id: 49
round 19, starting client 27/50, id: 67
round 19, starting client 28/50, id: 5
round 19, starting client 29/50, id: 24
round 19, starting client 30/50, id: 47
round 19, starting client 31/50, id: 70
round 19, starting client 32/50, id: 30
round 19, starting client 33/50, id: 57
round 19, starting client 34/50, id: 28
round 19, starting client 35/50, id: 69
round 19, starting client 36/50, id: 95
round 19, starting client 37/50, id: 21
round 19, starting client 38/50, id: 45
round 19, starting client 39/50, id: 35
round 19, starting client 40/50, id: 11
round 19, starting client 41/50, id: 79
round 19, starting client 42/50, id: 91
round 19, starting client 43/50, id: 82
round 19, starting client 44/50, id: 19
round 19, starting client 45/50, id: 17
round 19, starting client 46/50, id: 53
round 19, starting client 47/50, id: 18
round 19, starting client 48/50, id: 9


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round 19, starting client 49/50, id: 90
round 19, starting client 50/50, id: 20
round 19, validation acc: 0.9571
starting round 20
clients: [25 78 38 52 57 67 72 0 7 15 41 29 42 86 27 75 68 3 82 24 69 85 43
22
49 50 13 17 48 31 95 6 61 59 21 11 14 47 40 19 39 33 53 44 18 46 97 76
10 2]
round 20, starting client 1/50, id: 25
round 20, starting client 2/50, id: 78
round 20, starting client 3/50, id: 38
round 20, starting client 4/50, id: 52
round 20, starting client 5/50, id: 57
round 20, starting client 6/50, id: 67
round 20, starting client 7/50, id: 72
round 20, starting client 8/50, id: 0
round 20, starting client 9/50, id: 7
round 20, starting client 10/50, id: 15
round 20, starting client 11/50, id: 41
round 20, starting client 12/50, id: 29
round 20, starting client 13/50, id: 42
round 20, starting client 14/50, id: 86
round 20, starting client 15/50, id: 27
round 20, starting client 16/50, id: 75
round 20, starting client 17/50, id: 68
round 20, starting client 18/50, id: 3
round 20, starting client 19/50, id: 82
round 20, starting client 20/50, id: 24
round 20, starting client 21/50, id: 69
round 20, starting client 22/50, id: 85
round 20, starting client 23/50, id: 43
round 20, starting client 24/50, id: 22
round 20, starting client 25/50, id: 49
round 20, starting client 26/50, id: 50
round 20, starting client 27/50, id: 13
round 20, starting client 28/50, id: 17
round 20, starting client 29/50, id: 48
round 20, starting client 30/50, id: 31
round 20, starting client 31/50, id: 95
round 20, starting client 32/50, id: 6
round 20, starting client 33/50, id: 61
round 20, starting client 34/50, id: 59
round 20, starting client 35/50, id: 21
round 20, starting client 36/50, id: 11
round 20, starting client 37/50, id: 14
round 20, starting client 38/50, id: 47
round 20, starting client 39/50, id: 40
round 20, starting client 40/50, id: 19

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round 20, starting client 41/50, id: 39
round 20, starting client 42/50, id: 33
round 20, starting client 43/50, id: 53
round 20, starting client 44/50, id: 44
round 20, starting client 45/50, id: 18
round 20, starting client 46/50, id: 46
round 20, starting client 47/50, id: 97
round 20, starting client 48/50, id: 76
round 20, starting client 49/50, id: 10
round 20, starting client 50/50, id: 2
round 20, validation acc: 0.9572
starting round 21
clients: [32  4 26 83 63 76  1 46 50 57 62 19 47  9  7 69  6 93 67 30 51 22 59
55
25 40  0 41 39 98 71 13 89 74 90 56 10 91 82 28 68 20 95 73 85 88 53 81
2 37]
round 21, starting client 1/50, id: 32
round 21, starting client 2/50, id: 4
round 21, starting client 3/50, id: 26
round 21, starting client 4/50, id: 83
round 21, starting client 5/50, id: 63
round 21, starting client 6/50, id: 76
round 21, starting client 7/50, id: 1
round 21, starting client 8/50, id: 46
round 21, starting client 9/50, id: 50
round 21, starting client 10/50, id: 57
round 21, starting client 11/50, id: 62
round 21, starting client 12/50, id: 19
round 21, starting client 13/50, id: 47
round 21, starting client 14/50, id: 9
round 21, starting client 15/50, id: 7
round 21, starting client 16/50, id: 69
round 21, starting client 17/50, id: 6
round 21, starting client 18/50, id: 93
round 21, starting client 19/50, id: 67
round 21, starting client 20/50, id: 30
round 21, starting client 21/50, id: 51
round 21, starting client 22/50, id: 22
round 21, starting client 23/50, id: 59
round 21, starting client 24/50, id: 55
round 21, starting client 25/50, id: 25
round 21, starting client 26/50, id: 40
round 21, starting client 27/50, id: 0
round 21, starting client 28/50, id: 41
round 21, starting client 29/50, id: 39
round 21, starting client 30/50, id: 98
round 21, starting client 31/50, id: 71
round 21, starting client 32/50, id: 13

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round 21, starting client 33/50, id: 89
round 21, starting client 34/50, id: 74
round 21, starting client 35/50, id: 90
round 21, starting client 36/50, id: 56
round 21, starting client 37/50, id: 10
round 21, starting client 38/50, id: 91
round 21, starting client 39/50, id: 82
round 21, starting client 40/50, id: 28
round 21, starting client 41/50, id: 68
round 21, starting client 42/50, id: 20
round 21, starting client 43/50, id: 95
round 21, starting client 44/50, id: 73
round 21, starting client 45/50, id: 85
round 21, starting client 46/50, id: 88
round 21, starting client 47/50, id: 53
round 21, starting client 48/50, id: 81
round 21, starting client 49/50, id: 2
round 21, starting client 50/50, id: 37
round 21, validation acc: 0.9593
starting round 22
clients: [77 72 22 53 26 66 37 58 82 2 36 33 91 45 78 10 7 48 67 29 41 4 92
85
8 68 99 56 75 54 63 30 14 28 80 0 87 42 94 52 1 32 34 84 11 17 61 3
12 90]
round 22, starting client 1/50, id: 77
round 22, starting client 2/50, id: 72
round 22, starting client 3/50, id: 22
round 22, starting client 4/50, id: 53
round 22, starting client 5/50, id: 26
round 22, starting client 6/50, id: 66
round 22, starting client 7/50, id: 37
round 22, starting client 8/50, id: 58
round 22, starting client 9/50, id: 82
round 22, starting client 10/50, id: 2
round 22, starting client 11/50, id: 36
round 22, starting client 12/50, id: 33
round 22, starting client 13/50, id: 91
round 22, starting client 14/50, id: 45
round 22, starting client 15/50, id: 78
round 22, starting client 16/50, id: 10
round 22, starting client 17/50, id: 7
round 22, starting client 18/50, id: 48
round 22, starting client 19/50, id: 67
round 22, starting client 20/50, id: 29
round 22, starting client 21/50, id: 41
round 22, starting client 22/50, id: 4
round 22, starting client 23/50, id: 92
round 22, starting client 24/50, id: 85

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round 22, starting client 25/50, id: 8
round 22, starting client 26/50, id: 68
round 22, starting client 27/50, id: 99
round 22, starting client 28/50, id: 56
round 22, starting client 29/50, id: 75
round 22, starting client 30/50, id: 54
round 22, starting client 31/50, id: 63
round 22, starting client 32/50, id: 30
round 22, starting client 33/50, id: 14
round 22, starting client 34/50, id: 28
round 22, starting client 35/50, id: 80
round 22, starting client 36/50, id: 0
round 22, starting client 37/50, id: 87
round 22, starting client 38/50, id: 42
round 22, starting client 39/50, id: 94
round 22, starting client 40/50, id: 52
round 22, starting client 41/50, id: 1
round 22, starting client 42/50, id: 32
round 22, starting client 43/50, id: 34
round 22, starting client 44/50, id: 84
round 22, starting client 45/50, id: 11
round 22, starting client 46/50, id: 17
round 22, starting client 47/50, id: 61
round 22, starting client 48/50, id: 3
round 22, starting client 49/50, id: 12
round 22, starting client 50/50, id: 90
round 22, validation acc: 0.9604
starting round 23
clients: [ 7 19 69 76 35 11 45 20 73 30 55 6 21 1 97 36 27 10 18 94 67 0 66
52
49 68 2 42 95 91 84 87 51 4 54 46 3 89 53 38 13 12 92 61 17 50 75 34
82 79]
round 23, starting client 1/50, id: 7
round 23, starting client 2/50, id: 19
round 23, starting client 3/50, id: 69
round 23, starting client 4/50, id: 76
round 23, starting client 5/50, id: 35
round 23, starting client 6/50, id: 11
round 23, starting client 7/50, id: 45
round 23, starting client 8/50, id: 20
round 23, starting client 9/50, id: 73
round 23, starting client 10/50, id: 30
round 23, starting client 11/50, id: 55
round 23, starting client 12/50, id: 6
round 23, starting client 13/50, id: 21
round 23, starting client 14/50, id: 1
round 23, starting client 15/50, id: 97
round 23, starting client 16/50, id: 36

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round 23, starting client 17/50, id: 27
round 23, starting client 18/50, id: 10
round 23, starting client 19/50, id: 18
round 23, starting client 20/50, id: 94
round 23, starting client 21/50, id: 67
round 23, starting client 22/50, id: 0
round 23, starting client 23/50, id: 66
round 23, starting client 24/50, id: 52
round 23, starting client 25/50, id: 49
round 23, starting client 26/50, id: 68
round 23, starting client 27/50, id: 2
round 23, starting client 28/50, id: 42
round 23, starting client 29/50, id: 95
round 23, starting client 30/50, id: 91
round 23, starting client 31/50, id: 84
round 23, starting client 32/50, id: 87
round 23, starting client 33/50, id: 51
round 23, starting client 34/50, id: 4
round 23, starting client 35/50, id: 54
round 23, starting client 36/50, id: 46
round 23, starting client 37/50, id: 3
round 23, starting client 38/50, id: 89
round 23, starting client 39/50, id: 53
round 23, starting client 40/50, id: 38
round 23, starting client 41/50, id: 13
round 23, starting client 42/50, id: 12
round 23, starting client 43/50, id: 92
round 23, starting client 44/50, id: 61
round 23, starting client 45/50, id: 17
round 23, starting client 46/50, id: 50
round 23, starting client 47/50, id: 75
round 23, starting client 48/50, id: 34
round 23, starting client 49/50, id: 82
round 23, starting client 50/50, id: 79
round 23, validation acc: 0.9615
starting round 24
clients: [49 47 23 12 67 11 89 40 4 69 64 7 10 71 37 63 54 51 86 87 60 1 46
70
62 88 8 66 73 39 61 94 48 92 83 76 26 78 90 34 58 0 3 15 93 72 44 24
57 82]
round 24, starting client 1/50, id: 49
round 24, starting client 2/50, id: 47
round 24, starting client 3/50, id: 23
round 24, starting client 4/50, id: 12
round 24, starting client 5/50, id: 67
round 24, starting client 6/50, id: 11
round 24, starting client 7/50, id: 89
round 24, starting client 8/50, id: 40

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round 24, starting client 9/50, id: 4
round 24, starting client 10/50, id: 69
round 24, starting client 11/50, id: 64
round 24, starting client 12/50, id: 7
round 24, starting client 13/50, id: 10
round 24, starting client 14/50, id: 71
round 24, starting client 15/50, id: 37
round 24, starting client 16/50, id: 63
round 24, starting client 17/50, id: 54
round 24, starting client 18/50, id: 51
round 24, starting client 19/50, id: 86
round 24, starting client 20/50, id: 87
round 24, starting client 21/50, id: 60
round 24, starting client 22/50, id: 1
round 24, starting client 23/50, id: 46
round 24, starting client 24/50, id: 70
round 24, starting client 25/50, id: 62
round 24, starting client 26/50, id: 88
round 24, starting client 27/50, id: 8
round 24, starting client 28/50, id: 66
round 24, starting client 29/50, id: 73
round 24, starting client 30/50, id: 39
round 24, starting client 31/50, id: 61
round 24, starting client 32/50, id: 94
round 24, starting client 33/50, id: 48
round 24, starting client 34/50, id: 92
round 24, starting client 35/50, id: 83
round 24, starting client 36/50, id: 76
round 24, starting client 37/50, id: 26
round 24, starting client 38/50, id: 78
round 24, starting client 39/50, id: 90
round 24, starting client 40/50, id: 34
round 24, starting client 41/50, id: 58
round 24, starting client 42/50, id: 0
round 24, starting client 43/50, id: 3
round 24, starting client 44/50, id: 15
round 24, starting client 45/50, id: 93
round 24, starting client 46/50, id: 72
round 24, starting client 47/50, id: 44
round 24, starting client 48/50, id: 24
round 24, starting client 49/50, id: 57
round 24, starting client 50/50, id: 82
round 24, validation acc: 0.9616
starting round 25
clients: [ 2 83 35 43 26 13 69 29 65 80 19 54 72 34 76 11 64 50 94 60 56 21 96
71
37 20 57 9 7 92 17 88 81 36 95 89 82 51 4 24 52 6 63 18 28 46 53 59
40 79]

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round 25, starting client 1/50, id: 2
round 25, starting client 2/50, id: 83
round 25, starting client 3/50, id: 35
round 25, starting client 4/50, id: 43
round 25, starting client 5/50, id: 26
round 25, starting client 6/50, id: 13
round 25, starting client 7/50, id: 69
round 25, starting client 8/50, id: 29
round 25, starting client 9/50, id: 65
round 25, starting client 10/50, id: 80
round 25, starting client 11/50, id: 19
round 25, starting client 12/50, id: 54
round 25, starting client 13/50, id: 72
round 25, starting client 14/50, id: 34
round 25, starting client 15/50, id: 76
round 25, starting client 16/50, id: 11
round 25, starting client 17/50, id: 64
round 25, starting client 18/50, id: 50
round 25, starting client 19/50, id: 94
round 25, starting client 20/50, id: 60
round 25, starting client 21/50, id: 56
round 25, starting client 22/50, id: 21
round 25, starting client 23/50, id: 96
round 25, starting client 24/50, id: 71
round 25, starting client 25/50, id: 37
round 25, starting client 26/50, id: 20
round 25, starting client 27/50, id: 57
round 25, starting client 28/50, id: 9
round 25, starting client 29/50, id: 7
round 25, starting client 30/50, id: 92
round 25, starting client 31/50, id: 17
round 25, starting client 32/50, id: 88
round 25, starting client 33/50, id: 81
round 25, starting client 34/50, id: 36
round 25, starting client 35/50, id: 95
round 25, starting client 36/50, id: 89
round 25, starting client 37/50, id: 82
round 25, starting client 38/50, id: 51
round 25, starting client 39/50, id: 4
round 25, starting client 40/50, id: 24
round 25, starting client 41/50, id: 52
round 25, starting client 42/50, id: 6
round 25, starting client 43/50, id: 63
round 25, starting client 44/50, id: 18
round 25, starting client 45/50, id: 28
round 25, starting client 46/50, id: 46
round 25, starting client 47/50, id: 53
round 25, starting client 48/50, id: 59

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round 25, starting client 49/50, id: 40
round 25, starting client 50/50, id: 79
round 25, validation acc: 0.9623
starting round 26
clients: [68 94 73 61 28 21 90 15 80  4 16 95 76 52 23 48 53 60 84 54 25 91 19
56
  1 62 96 57 59 71 93 22 27 10 49 14 29 38 67 69 63 72 18  6 55 44 58 31
88 0]
round 26, starting client 1/50, id: 68
round 26, starting client 2/50, id: 94
round 26, starting client 3/50, id: 73
round 26, starting client 4/50, id: 61
round 26, starting client 5/50, id: 28
round 26, starting client 6/50, id: 21
round 26, starting client 7/50, id: 90
round 26, starting client 8/50, id: 15
round 26, starting client 9/50, id: 80
round 26, starting client 10/50, id: 4
round 26, starting client 11/50, id: 16
round 26, starting client 12/50, id: 95
round 26, starting client 13/50, id: 76
round 26, starting client 14/50, id: 52
round 26, starting client 15/50, id: 23
round 26, starting client 16/50, id: 48
round 26, starting client 17/50, id: 53
round 26, starting client 18/50, id: 60
round 26, starting client 19/50, id: 84
round 26, starting client 20/50, id: 54
round 26, starting client 21/50, id: 25
round 26, starting client 22/50, id: 91
round 26, starting client 23/50, id: 19
round 26, starting client 24/50, id: 56
round 26, starting client 25/50, id: 1
round 26, starting client 26/50, id: 62
round 26, starting client 27/50, id: 96
round 26, starting client 28/50, id: 57
round 26, starting client 29/50, id: 59
round 26, starting client 30/50, id: 71
round 26, starting client 31/50, id: 93
round 26, starting client 32/50, id: 22
round 26, starting client 33/50, id: 27
round 26, starting client 34/50, id: 10
round 26, starting client 35/50, id: 49
round 26, starting client 36/50, id: 14
round 26, starting client 37/50, id: 29
round 26, starting client 38/50, id: 38
round 26, starting client 39/50, id: 67
round 26, starting client 40/50, id: 69

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round 26, starting client 41/50, id: 63
round 26, starting client 42/50, id: 72
round 26, starting client 43/50, id: 18
round 26, starting client 44/50, id: 6
round 26, starting client 45/50, id: 55
round 26, starting client 46/50, id: 44
round 26, starting client 47/50, id: 58
round 26, starting client 48/50, id: 31
round 26, starting client 49/50, id: 88
round 26, starting client 50/50, id: 0
round 26, validation acc: 0.9618
starting round 27
clients: [88 94 57 79 5 31 18 17 22 2 50 44 73 47 65 84 77 95 74 0 99 48 96
30
66 7 97 86 80 55 70 29 35 76 45 51 16 89 34 78 41 12 75 21 26 61 83 38
39 27]
round 27, starting client 1/50, id: 88
round 27, starting client 2/50, id: 94
round 27, starting client 3/50, id: 57
round 27, starting client 4/50, id: 79
round 27, starting client 5/50, id: 5
round 27, starting client 6/50, id: 31
round 27, starting client 7/50, id: 18
round 27, starting client 8/50, id: 17
round 27, starting client 9/50, id: 22
round 27, starting client 10/50, id: 2
round 27, starting client 11/50, id: 50
round 27, starting client 12/50, id: 44
round 27, starting client 13/50, id: 73
round 27, starting client 14/50, id: 47
round 27, starting client 15/50, id: 65
round 27, starting client 16/50, id: 84
round 27, starting client 17/50, id: 77
round 27, starting client 18/50, id: 95
round 27, starting client 19/50, id: 74
round 27, starting client 20/50, id: 0
round 27, starting client 21/50, id: 99
round 27, starting client 22/50, id: 48
round 27, starting client 23/50, id: 96
round 27, starting client 24/50, id: 30
round 27, starting client 25/50, id: 66
round 27, starting client 26/50, id: 7
round 27, starting client 27/50, id: 97
round 27, starting client 28/50, id: 86
round 27, starting client 29/50, id: 80
round 27, starting client 30/50, id: 55
round 27, starting client 31/50, id: 70
round 27, starting client 32/50, id: 29

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round 27, starting client 33/50, id: 35
round 27, starting client 34/50, id: 76
round 27, starting client 35/50, id: 45
round 27, starting client 36/50, id: 51
round 27, starting client 37/50, id: 16
round 27, starting client 38/50, id: 89
round 27, starting client 39/50, id: 34
round 27, starting client 40/50, id: 78
round 27, starting client 41/50, id: 41
round 27, starting client 42/50, id: 12
round 27, starting client 43/50, id: 75
round 27, starting client 44/50, id: 21
round 27, starting client 45/50, id: 26
round 27, starting client 46/50, id: 61
round 27, starting client 47/50, id: 83
round 27, starting client 48/50, id: 38
round 27, starting client 49/50, id: 39
round 27, starting client 50/50, id: 27
round 27, validation acc: 0.9636
starting round 28
clients: [13 98 54 80 67 12 9 25 78 66 41 57 43 33 4 90 7 1 74 23 52 22 62
5
39 49 68 79 85 75 46 53 15 73 28 77 20 36 19 69 27 26 45 76 21 40 47 48
86 14]
round 28, starting client 1/50, id: 13
round 28, starting client 2/50, id: 98
round 28, starting client 3/50, id: 54
round 28, starting client 4/50, id: 80
round 28, starting client 5/50, id: 67
round 28, starting client 6/50, id: 12
round 28, starting client 7/50, id: 9
round 28, starting client 8/50, id: 25
round 28, starting client 9/50, id: 78
round 28, starting client 10/50, id: 66
round 28, starting client 11/50, id: 41
round 28, starting client 12/50, id: 57
round 28, starting client 13/50, id: 43
round 28, starting client 14/50, id: 33
round 28, starting client 15/50, id: 4
round 28, starting client 16/50, id: 90
round 28, starting client 17/50, id: 7
round 28, starting client 18/50, id: 1
round 28, starting client 19/50, id: 74
round 28, starting client 20/50, id: 23
round 28, starting client 21/50, id: 52
round 28, starting client 22/50, id: 22
round 28, starting client 23/50, id: 62
round 28, starting client 24/50, id: 5

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round 28, starting client 25/50, id: 39
round 28, starting client 26/50, id: 49
round 28, starting client 27/50, id: 68
round 28, starting client 28/50, id: 79
round 28, starting client 29/50, id: 85
round 28, starting client 30/50, id: 75
round 28, starting client 31/50, id: 46
round 28, starting client 32/50, id: 53
round 28, starting client 33/50, id: 15
round 28, starting client 34/50, id: 73
round 28, starting client 35/50, id: 28
round 28, starting client 36/50, id: 77
round 28, starting client 37/50, id: 20
round 28, starting client 38/50, id: 36
round 28, starting client 39/50, id: 19
round 28, starting client 40/50, id: 69
round 28, starting client 41/50, id: 27
round 28, starting client 42/50, id: 26
round 28, starting client 43/50, id: 45
round 28, starting client 44/50, id: 76
round 28, starting client 45/50, id: 21
round 28, starting client 46/50, id: 40
round 28, starting client 47/50, id: 47
round 28, starting client 48/50, id: 48
round 28, starting client 49/50, id: 86
round 28, starting client 50/50, id: 14
round 28, validation acc: 0.9638
starting round 29
clients: [83 36 71 44 49 9 24 37 10 30 59 64 60 88 34 95 67 89 19 18 62 92 51
35
79 40 55 4 87 65 39 77 63 22 1 38 54 2 25 45 75 73 31 84 13 74 33 52
94 93]
round 29, starting client 1/50, id: 83
round 29, starting client 2/50, id: 36
round 29, starting client 3/50, id: 71
round 29, starting client 4/50, id: 44
round 29, starting client 5/50, id: 49
round 29, starting client 6/50, id: 9
round 29, starting client 7/50, id: 24
round 29, starting client 8/50, id: 37
round 29, starting client 9/50, id: 10
round 29, starting client 10/50, id: 30
round 29, starting client 11/50, id: 59
round 29, starting client 12/50, id: 64
round 29, starting client 13/50, id: 60
round 29, starting client 14/50, id: 88
round 29, starting client 15/50, id: 34
round 29, starting client 16/50, id: 95

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round 29, starting client 17/50, id: 67
round 29, starting client 18/50, id: 89
round 29, starting client 19/50, id: 19
round 29, starting client 20/50, id: 18
round 29, starting client 21/50, id: 62
round 29, starting client 22/50, id: 92
round 29, starting client 23/50, id: 51
round 29, starting client 24/50, id: 35
round 29, starting client 25/50, id: 79
round 29, starting client 26/50, id: 40
round 29, starting client 27/50, id: 55
round 29, starting client 28/50, id: 4
round 29, starting client 29/50, id: 87
round 29, starting client 30/50, id: 65
round 29, starting client 31/50, id: 39
round 29, starting client 32/50, id: 77
round 29, starting client 33/50, id: 63
round 29, starting client 34/50, id: 22
round 29, starting client 35/50, id: 1
round 29, starting client 36/50, id: 38
round 29, starting client 37/50, id: 54
round 29, starting client 38/50, id: 2
round 29, starting client 39/50, id: 25
round 29, starting client 40/50, id: 45
round 29, starting client 41/50, id: 75
round 29, starting client 42/50, id: 73
round 29, starting client 43/50, id: 31
round 29, starting client 44/50, id: 84
round 29, starting client 45/50, id: 13
round 29, starting client 46/50, id: 74
round 29, starting client 47/50, id: 33
round 29, starting client 48/50, id: 52
round 29, starting client 49/50, id: 94
round 29, starting client 50/50, id: 93
round 29, validation acc: 0.965
starting round 30
clients: [87 56 88 78 86 26 4 92 54 17 3 68 22 63 74 70 41 95 2 73 35 40 60
85
97 18 58 5 65 33 82 55 99 43 98 19 30 49 53 25 45 77 69 12 84 57 79 51
8 6]
round 30, starting client 1/50, id: 87
round 30, starting client 2/50, id: 56
round 30, starting client 3/50, id: 88
round 30, starting client 4/50, id: 78
round 30, starting client 5/50, id: 86
round 30, starting client 6/50, id: 26
round 30, starting client 7/50, id: 4
round 30, starting client 8/50, id: 92

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round 30, starting client 9/50, id: 54
round 30, starting client 10/50, id: 17
round 30, starting client 11/50, id: 3
round 30, starting client 12/50, id: 68
round 30, starting client 13/50, id: 22
round 30, starting client 14/50, id: 63
round 30, starting client 15/50, id: 74
round 30, starting client 16/50, id: 70
round 30, starting client 17/50, id: 41
round 30, starting client 18/50, id: 95
round 30, starting client 19/50, id: 2
round 30, starting client 20/50, id: 73
round 30, starting client 21/50, id: 35
round 30, starting client 22/50, id: 40
round 30, starting client 23/50, id: 60
round 30, starting client 24/50, id: 85
round 30, starting client 25/50, id: 97
round 30, starting client 26/50, id: 18
round 30, starting client 27/50, id: 58
round 30, starting client 28/50, id: 5
round 30, starting client 29/50, id: 65
round 30, starting client 30/50, id: 33
round 30, starting client 31/50, id: 82
round 30, starting client 32/50, id: 55
round 30, starting client 33/50, id: 99
round 30, starting client 34/50, id: 43
round 30, starting client 35/50, id: 98
round 30, starting client 36/50, id: 19
round 30, starting client 37/50, id: 30
round 30, starting client 38/50, id: 49
round 30, starting client 39/50, id: 53
round 30, starting client 40/50, id: 25
round 30, starting client 41/50, id: 45
round 30, starting client 42/50, id: 77
round 30, starting client 43/50, id: 69
round 30, starting client 44/50, id: 12
round 30, starting client 45/50, id: 84
round 30, starting client 46/50, id: 57
round 30, starting client 47/50, id: 79
round 30, starting client 48/50, id: 51
round 30, starting client 49/50, id: 8
round 30, starting client 50/50, id: 6
round 30, validation acc: 0.9644
starting round 31
clients: [14 77 43 74 1 40 94 78 57 24 93 36 25 3 4 99 97 71 34 31 79 18 60
89
86 65 45 37 41 63 27 83 8 70 91 23 42 13 0 59 52 33 10 96 39 84 69 66
11 72]

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round 31, starting client 1/50, id: 14
round 31, starting client 2/50, id: 77
round 31, starting client 3/50, id: 43
round 31, starting client 4/50, id: 74
round 31, starting client 5/50, id: 1
round 31, starting client 6/50, id: 40
round 31, starting client 7/50, id: 94
round 31, starting client 8/50, id: 78
round 31, starting client 9/50, id: 57
round 31, starting client 10/50, id: 24
round 31, starting client 11/50, id: 93
round 31, starting client 12/50, id: 36
round 31, starting client 13/50, id: 25
round 31, starting client 14/50, id: 3
round 31, starting client 15/50, id: 4
round 31, starting client 16/50, id: 99
round 31, starting client 17/50, id: 97
round 31, starting client 18/50, id: 71
round 31, starting client 19/50, id: 34
round 31, starting client 20/50, id: 31
round 31, starting client 21/50, id: 79
round 31, starting client 22/50, id: 18
round 31, starting client 23/50, id: 60
round 31, starting client 24/50, id: 89
round 31, starting client 25/50, id: 86
round 31, starting client 26/50, id: 65
round 31, starting client 27/50, id: 45
round 31, starting client 28/50, id: 37
round 31, starting client 29/50, id: 41
round 31, starting client 30/50, id: 63
round 31, starting client 31/50, id: 27
round 31, starting client 32/50, id: 83
round 31, starting client 33/50, id: 8
round 31, starting client 34/50, id: 70
round 31, starting client 35/50, id: 91
round 31, starting client 36/50, id: 23
round 31, starting client 37/50, id: 42
round 31, starting client 38/50, id: 13
round 31, starting client 39/50, id: 0
round 31, starting client 40/50, id: 59
round 31, starting client 41/50, id: 52
round 31, starting client 42/50, id: 33
round 31, starting client 43/50, id: 10
round 31, starting client 44/50, id: 96
round 31, starting client 45/50, id: 39
round 31, starting client 46/50, id: 84
round 31, starting client 47/50, id: 69
round 31, starting client 48/50, id: 66

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round 31, starting client 49/50, id: 11
round 31, starting client 50/50, id: 72
round 31, validation acc: 0.9663
starting round 32
clients: [82 47 88 70 74 61 35 52 97 95 40 18 66 90 1 85 41 21 55 26 67 7 13
33
5 62 54 48 34 99 24 75 94 16 23 98 4 14 60 43 38 42 91 29 22 31 77 65
28 25]
round 32, starting client 1/50, id: 82
round 32, starting client 2/50, id: 47
round 32, starting client 3/50, id: 88
round 32, starting client 4/50, id: 70
round 32, starting client 5/50, id: 74
round 32, starting client 6/50, id: 61
round 32, starting client 7/50, id: 35
round 32, starting client 8/50, id: 52
round 32, starting client 9/50, id: 97
round 32, starting client 10/50, id: 95
round 32, starting client 11/50, id: 40
round 32, starting client 12/50, id: 18
round 32, starting client 13/50, id: 66
round 32, starting client 14/50, id: 90
round 32, starting client 15/50, id: 1
round 32, starting client 16/50, id: 85
round 32, starting client 17/50, id: 41
round 32, starting client 18/50, id: 21
round 32, starting client 19/50, id: 55
round 32, starting client 20/50, id: 26
round 32, starting client 21/50, id: 67
round 32, starting client 22/50, id: 7
round 32, starting client 23/50, id: 13
round 32, starting client 24/50, id: 33
round 32, starting client 25/50, id: 5
round 32, starting client 26/50, id: 62
round 32, starting client 27/50, id: 54
round 32, starting client 28/50, id: 48
round 32, starting client 29/50, id: 34
round 32, starting client 30/50, id: 99
round 32, starting client 31/50, id: 24
round 32, starting client 32/50, id: 75
round 32, starting client 33/50, id: 94
round 32, starting client 34/50, id: 16
round 32, starting client 35/50, id: 23
round 32, starting client 36/50, id: 98
round 32, starting client 37/50, id: 4
round 32, starting client 38/50, id: 14
round 32, starting client 39/50, id: 60
round 32, starting client 40/50, id: 43

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round 32, starting client 41/50, id: 38
round 32, starting client 42/50, id: 42
round 32, starting client 43/50, id: 91
round 32, starting client 44/50, id: 29
round 32, starting client 45/50, id: 22
round 32, starting client 46/50, id: 31
round 32, starting client 47/50, id: 77
round 32, starting client 48/50, id: 65
round 32, starting client 49/50, id: 28
round 32, starting client 50/50, id: 25
round 32, validation acc: 0.966
starting round 33
clients: [12 32 64 11 50 15 95 78 63 8 9 19 62 72 42 45 94 52 58 85 5 13 18
66
91 97 76 7 99 26 40 39 68 23 81 25 60 89 47 48 67 86 73 24 1 33 61 71
54 41]
round 33, starting client 1/50, id: 12
round 33, starting client 2/50, id: 32
round 33, starting client 3/50, id: 64
round 33, starting client 4/50, id: 11
round 33, starting client 5/50, id: 50
round 33, starting client 6/50, id: 15
round 33, starting client 7/50, id: 95
round 33, starting client 8/50, id: 78
round 33, starting client 9/50, id: 63
round 33, starting client 10/50, id: 8
round 33, starting client 11/50, id: 9
round 33, starting client 12/50, id: 19
round 33, starting client 13/50, id: 62
round 33, starting client 14/50, id: 72
round 33, starting client 15/50, id: 42
round 33, starting client 16/50, id: 45
round 33, starting client 17/50, id: 94
round 33, starting client 18/50, id: 52
round 33, starting client 19/50, id: 58
round 33, starting client 20/50, id: 85
round 33, starting client 21/50, id: 5
round 33, starting client 22/50, id: 13
round 33, starting client 23/50, id: 18
round 33, starting client 24/50, id: 66
round 33, starting client 25/50, id: 91
round 33, starting client 26/50, id: 97
round 33, starting client 27/50, id: 76
round 33, starting client 28/50, id: 7
round 33, starting client 29/50, id: 99
round 33, starting client 30/50, id: 26
round 33, starting client 31/50, id: 40
round 33, starting client 32/50, id: 39

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round 33, starting client 33/50, id: 68
round 33, starting client 34/50, id: 23
round 33, starting client 35/50, id: 81
round 33, starting client 36/50, id: 25
round 33, starting client 37/50, id: 60
round 33, starting client 38/50, id: 89
round 33, starting client 39/50, id: 47
round 33, starting client 40/50, id: 48
round 33, starting client 41/50, id: 67
round 33, starting client 42/50, id: 86
round 33, starting client 43/50, id: 73
round 33, starting client 44/50, id: 24
round 33, starting client 45/50, id: 1
round 33, starting client 46/50, id: 33
round 33, starting client 47/50, id: 61
round 33, starting client 48/50, id: 71
round 33, starting client 49/50, id: 54
round 33, starting client 50/50, id: 41
round 33, validation acc: 0.9675
starting round 34
clients: [ 2 25 75 4 32 41 54 88 72 58 33 5 1 79 21 87 20 34 70 49 89 69 28
47
96 74 59 81 78 94 68 10 90 12 36 46 15 99 26 3 0 11 86 16 45 50 91 53
66 19]
round 34, starting client 1/50, id: 2
round 34, starting client 2/50, id: 25
round 34, starting client 3/50, id: 75
round 34, starting client 4/50, id: 4
round 34, starting client 5/50, id: 32
round 34, starting client 6/50, id: 41
round 34, starting client 7/50, id: 54
round 34, starting client 8/50, id: 88
round 34, starting client 9/50, id: 72
round 34, starting client 10/50, id: 58
round 34, starting client 11/50, id: 33
round 34, starting client 12/50, id: 5
round 34, starting client 13/50, id: 1
round 34, starting client 14/50, id: 79
round 34, starting client 15/50, id: 21
round 34, starting client 16/50, id: 87
round 34, starting client 17/50, id: 20
round 34, starting client 18/50, id: 34
round 34, starting client 19/50, id: 70
round 34, starting client 20/50, id: 49
round 34, starting client 21/50, id: 89
round 34, starting client 22/50, id: 69
round 34, starting client 23/50, id: 28
round 34, starting client 24/50, id: 47

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round 34, starting client 25/50, id: 96
round 34, starting client 26/50, id: 74
round 34, starting client 27/50, id: 59
round 34, starting client 28/50, id: 81
round 34, starting client 29/50, id: 78
round 34, starting client 30/50, id: 94
round 34, starting client 31/50, id: 68
round 34, starting client 32/50, id: 10
round 34, starting client 33/50, id: 90
round 34, starting client 34/50, id: 12
round 34, starting client 35/50, id: 36
round 34, starting client 36/50, id: 46
round 34, starting client 37/50, id: 15
round 34, starting client 38/50, id: 99
round 34, starting client 39/50, id: 26
round 34, starting client 40/50, id: 3
round 34, starting client 41/50, id: 0
round 34, starting client 42/50, id: 11
round 34, starting client 43/50, id: 86
round 34, starting client 44/50, id: 16
round 34, starting client 45/50, id: 45
round 34, starting client 46/50, id: 50
round 34, starting client 47/50, id: 91
round 34, starting client 48/50, id: 53
round 34, starting client 49/50, id: 66
round 34, starting client 50/50, id: 19
round 34, validation acc: 0.9672
starting round 35
clients: [37 27 61 26 63 87 11 24 2 86 32 4 6 29 16 98 62 71 3 15 54 41 49
79
89 81 77 50 95 76 84 40 10 94 70 69 36 43 45 67 48 47 23 51 30 9 28 60
64 74]
round 35, starting client 1/50, id: 37
round 35, starting client 2/50, id: 27
round 35, starting client 3/50, id: 61
round 35, starting client 4/50, id: 26
round 35, starting client 5/50, id: 63
round 35, starting client 6/50, id: 87
round 35, starting client 7/50, id: 11
round 35, starting client 8/50, id: 24
round 35, starting client 9/50, id: 2
round 35, starting client 10/50, id: 86
round 35, starting client 11/50, id: 32
round 35, starting client 12/50, id: 4
round 35, starting client 13/50, id: 6
round 35, starting client 14/50, id: 29
round 35, starting client 15/50, id: 16
round 35, starting client 16/50, id: 98

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round 35, starting client 17/50, id: 62
round 35, starting client 18/50, id: 71
round 35, starting client 19/50, id: 3
round 35, starting client 20/50, id: 15
round 35, starting client 21/50, id: 54
round 35, starting client 22/50, id: 41
round 35, starting client 23/50, id: 49
round 35, starting client 24/50, id: 79
round 35, starting client 25/50, id: 89
round 35, starting client 26/50, id: 81
round 35, starting client 27/50, id: 77
round 35, starting client 28/50, id: 50
round 35, starting client 29/50, id: 95
round 35, starting client 30/50, id: 76
round 35, starting client 31/50, id: 84
round 35, starting client 32/50, id: 40
round 35, starting client 33/50, id: 10
round 35, starting client 34/50, id: 94
round 35, starting client 35/50, id: 70
round 35, starting client 36/50, id: 69
round 35, starting client 37/50, id: 36
round 35, starting client 38/50, id: 43
round 35, starting client 39/50, id: 45
round 35, starting client 40/50, id: 67
round 35, starting client 41/50, id: 48
round 35, starting client 42/50, id: 47
round 35, starting client 43/50, id: 23
round 35, starting client 44/50, id: 51
round 35, starting client 45/50, id: 30
round 35, starting client 46/50, id: 9
round 35, starting client 47/50, id: 28
round 35, starting client 48/50, id: 60
round 35, starting client 49/50, id: 64
round 35, starting client 50/50, id: 74
round 35, validation acc: 0.9683
starting round 36
clients: [61 68 13 57 45 16 55 85 40 74 39 35 4 91 97 65 72 20 43 98 53 83 30
66
9 17 25 80 67 41 77 1 93 90 50 23 47 62 48 31 49 78 32 14 22 88 10 26
99 24]
round 36, starting client 1/50, id: 61
round 36, starting client 2/50, id: 68
round 36, starting client 3/50, id: 13
round 36, starting client 4/50, id: 57
round 36, starting client 5/50, id: 45
round 36, starting client 6/50, id: 16
round 36, starting client 7/50, id: 55
round 36, starting client 8/50, id: 85

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round 36, starting client 9/50, id: 40
round 36, starting client 10/50, id: 74
round 36, starting client 11/50, id: 39
round 36, starting client 12/50, id: 35
round 36, starting client 13/50, id: 4
round 36, starting client 14/50, id: 91
round 36, starting client 15/50, id: 97
round 36, starting client 16/50, id: 65
round 36, starting client 17/50, id: 72
round 36, starting client 18/50, id: 20
round 36, starting client 19/50, id: 43
round 36, starting client 20/50, id: 98
round 36, starting client 21/50, id: 53
round 36, starting client 22/50, id: 83
round 36, starting client 23/50, id: 30
round 36, starting client 24/50, id: 66
round 36, starting client 25/50, id: 9
round 36, starting client 26/50, id: 17
round 36, starting client 27/50, id: 25
round 36, starting client 28/50, id: 80
round 36, starting client 29/50, id: 67
round 36, starting client 30/50, id: 41
round 36, starting client 31/50, id: 77
round 36, starting client 32/50, id: 1
round 36, starting client 33/50, id: 93
round 36, starting client 34/50, id: 90
round 36, starting client 35/50, id: 50
round 36, starting client 36/50, id: 23
round 36, starting client 37/50, id: 47
round 36, starting client 38/50, id: 62
round 36, starting client 39/50, id: 48
round 36, starting client 40/50, id: 31
round 36, starting client 41/50, id: 49
round 36, starting client 42/50, id: 78
round 36, starting client 43/50, id: 32
round 36, starting client 44/50, id: 14
round 36, starting client 45/50, id: 22
round 36, starting client 46/50, id: 88
round 36, starting client 47/50, id: 10
round 36, starting client 48/50, id: 26
round 36, starting client 49/50, id: 99
round 36, starting client 50/50, id: 24
round 36, validation acc: 0.9687
starting round 37
clients: [76 24 94 60 81 4 2 26 23 73 57 6 56 18 34 36 80 7 25 92 15 50 39
84
42 47 65 59 54 46 37 71 87 72 30 49 33 61 89 98 13 91 62 45 19 51 48 99
70 93]

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round 37, starting client 1/50, id: 76
round 37, starting client 2/50, id: 24
round 37, starting client 3/50, id: 94
round 37, starting client 4/50, id: 60
round 37, starting client 5/50, id: 81
round 37, starting client 6/50, id: 4
round 37, starting client 7/50, id: 2
round 37, starting client 8/50, id: 26
round 37, starting client 9/50, id: 23
round 37, starting client 10/50, id: 73
round 37, starting client 11/50, id: 57
round 37, starting client 12/50, id: 6
round 37, starting client 13/50, id: 56
round 37, starting client 14/50, id: 18
round 37, starting client 15/50, id: 34
round 37, starting client 16/50, id: 36
round 37, starting client 17/50, id: 80
round 37, starting client 18/50, id: 7
round 37, starting client 19/50, id: 25
round 37, starting client 20/50, id: 92
round 37, starting client 21/50, id: 15
round 37, starting client 22/50, id: 50
round 37, starting client 23/50, id: 39
round 37, starting client 24/50, id: 84
round 37, starting client 25/50, id: 42
round 37, starting client 26/50, id: 47
round 37, starting client 27/50, id: 65
round 37, starting client 28/50, id: 59
round 37, starting client 29/50, id: 54
round 37, starting client 30/50, id: 46
round 37, starting client 31/50, id: 37
round 37, starting client 32/50, id: 71
round 37, starting client 33/50, id: 87
round 37, starting client 34/50, id: 72
round 37, starting client 35/50, id: 30
round 37, starting client 36/50, id: 49
round 37, starting client 37/50, id: 33
round 37, starting client 38/50, id: 61
round 37, starting client 39/50, id: 89
round 37, starting client 40/50, id: 98
round 37, starting client 41/50, id: 13
round 37, starting client 42/50, id: 91
round 37, starting client 43/50, id: 62
round 37, starting client 44/50, id: 45
round 37, starting client 45/50, id: 19
round 37, starting client 46/50, id: 51
round 37, starting client 47/50, id: 48
round 37, starting client 48/50, id: 99

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round 37, starting client 49/50, id: 70
round 37, starting client 50/50, id: 93
round 37, validation acc: 0.9696
starting round 38
clients: [73 11 87 30 19 13 21 17 33 83 12 22  9 35 96 48 15 10 37  0 63 53  8
41
45 60 39 82 44 98  1 90 84 54 92 62 51 67 24  6 75 70 50 79 14 94 61 93
7 32]
round 38, starting client 1/50, id: 73
round 38, starting client 2/50, id: 11
round 38, starting client 3/50, id: 87
round 38, starting client 4/50, id: 30
round 38, starting client 5/50, id: 19
round 38, starting client 6/50, id: 13
round 38, starting client 7/50, id: 21
round 38, starting client 8/50, id: 17
round 38, starting client 9/50, id: 33
round 38, starting client 10/50, id: 83
round 38, starting client 11/50, id: 12
round 38, starting client 12/50, id: 22
round 38, starting client 13/50, id: 9
round 38, starting client 14/50, id: 35
round 38, starting client 15/50, id: 96
round 38, starting client 16/50, id: 48
round 38, starting client 17/50, id: 15
round 38, starting client 18/50, id: 10
round 38, starting client 19/50, id: 37
round 38, starting client 20/50, id: 0
round 38, starting client 21/50, id: 63
round 38, starting client 22/50, id: 53
round 38, starting client 23/50, id: 8
round 38, starting client 24/50, id: 41
round 38, starting client 25/50, id: 45
round 38, starting client 26/50, id: 60
round 38, starting client 27/50, id: 39
round 38, starting client 28/50, id: 82
round 38, starting client 29/50, id: 44
round 38, starting client 30/50, id: 98
round 38, starting client 31/50, id: 1
round 38, starting client 32/50, id: 90
round 38, starting client 33/50, id: 84
round 38, starting client 34/50, id: 54
round 38, starting client 35/50, id: 92
round 38, starting client 36/50, id: 62
round 38, starting client 37/50, id: 51
round 38, starting client 38/50, id: 67
round 38, starting client 39/50, id: 24
round 38, starting client 40/50, id: 6

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round 38, starting client 41/50, id: 75
round 38, starting client 42/50, id: 70
round 38, starting client 43/50, id: 50
round 38, starting client 44/50, id: 79
round 38, starting client 45/50, id: 14
round 38, starting client 46/50, id: 94
round 38, starting client 47/50, id: 61
round 38, starting client 48/50, id: 93
round 38, starting client 49/50, id: 7
round 38, starting client 50/50, id: 32
round 38, validation acc: 0.9696
starting round 39
clients: [20 35 30 99 9 7 17 78 70 16 8 13 90 80 63 82 25 83 4 53 84 75 29
73
43 56 6 42 45 2 69 48 11 22 28 33 67 66 12 71 19 87 93 92 88 86 91 74
3 44]
round 39, starting client 1/50, id: 20
round 39, starting client 2/50, id: 35
round 39, starting client 3/50, id: 30
round 39, starting client 4/50, id: 99
round 39, starting client 5/50, id: 9
round 39, starting client 6/50, id: 7
round 39, starting client 7/50, id: 17
round 39, starting client 8/50, id: 78
round 39, starting client 9/50, id: 70
round 39, starting client 10/50, id: 16
round 39, starting client 11/50, id: 8
round 39, starting client 12/50, id: 13
round 39, starting client 13/50, id: 90
round 39, starting client 14/50, id: 80
round 39, starting client 15/50, id: 63
round 39, starting client 16/50, id: 82
round 39, starting client 17/50, id: 25
round 39, starting client 18/50, id: 83
round 39, starting client 19/50, id: 4
round 39, starting client 20/50, id: 53
round 39, starting client 21/50, id: 84
round 39, starting client 22/50, id: 75
round 39, starting client 23/50, id: 29
round 39, starting client 24/50, id: 73
round 39, starting client 25/50, id: 43
round 39, starting client 26/50, id: 56
round 39, starting client 27/50, id: 6
round 39, starting client 28/50, id: 42
round 39, starting client 29/50, id: 45
round 39, starting client 30/50, id: 2
round 39, starting client 31/50, id: 69
round 39, starting client 32/50, id: 48

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round 39, starting client 33/50, id: 11
round 39, starting client 34/50, id: 22
round 39, starting client 35/50, id: 28
round 39, starting client 36/50, id: 33
round 39, starting client 37/50, id: 67
round 39, starting client 38/50, id: 66
round 39, starting client 39/50, id: 12
round 39, starting client 40/50, id: 71
round 39, starting client 41/50, id: 19
round 39, starting client 42/50, id: 87
round 39, starting client 43/50, id: 93
round 39, starting client 44/50, id: 92
round 39, starting client 45/50, id: 88
round 39, starting client 46/50, id: 86
round 39, starting client 47/50, id: 91
round 39, starting client 48/50, id: 74
round 39, starting client 49/50, id: 3
round 39, starting client 50/50, id: 44
round 39, validation acc: 0.9705
starting round 40
clients: [84 82 95 39 26 50  4 30 66  6 86 38 79 98 92 85 21 10 19 56 18 24 22
2
55 88 31 69 64 78 74 93 25 27 52 65 70 40  7  9 33 87 35 13 68 75 17 99
45 61]
round 40, starting client 1/50, id: 84
round 40, starting client 2/50, id: 82
round 40, starting client 3/50, id: 95
round 40, starting client 4/50, id: 39
round 40, starting client 5/50, id: 26
round 40, starting client 6/50, id: 50
round 40, starting client 7/50, id: 4
round 40, starting client 8/50, id: 30
round 40, starting client 9/50, id: 66
round 40, starting client 10/50, id: 6
round 40, starting client 11/50, id: 86
round 40, starting client 12/50, id: 38
round 40, starting client 13/50, id: 79
round 40, starting client 14/50, id: 98
round 40, starting client 15/50, id: 92
round 40, starting client 16/50, id: 85
round 40, starting client 17/50, id: 21
round 40, starting client 18/50, id: 10
round 40, starting client 19/50, id: 19
round 40, starting client 20/50, id: 56
round 40, starting client 21/50, id: 18
round 40, starting client 22/50, id: 24
round 40, starting client 23/50, id: 22
round 40, starting client 24/50, id: 2

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round 40, starting client 25/50, id: 55
round 40, starting client 26/50, id: 88
round 40, starting client 27/50, id: 31
round 40, starting client 28/50, id: 69
round 40, starting client 29/50, id: 64
round 40, starting client 30/50, id: 78
round 40, starting client 31/50, id: 74
round 40, starting client 32/50, id: 93
round 40, starting client 33/50, id: 25
round 40, starting client 34/50, id: 27
round 40, starting client 35/50, id: 52
round 40, starting client 36/50, id: 65
round 40, starting client 37/50, id: 70
round 40, starting client 38/50, id: 40
round 40, starting client 39/50, id: 7
round 40, starting client 40/50, id: 9
round 40, starting client 41/50, id: 33
round 40, starting client 42/50, id: 87
round 40, starting client 43/50, id: 35
round 40, starting client 44/50, id: 13
round 40, starting client 45/50, id: 68
round 40, starting client 46/50, id: 75
round 40, starting client 47/50, id: 17
round 40, starting client 48/50, id: 99
round 40, starting client 49/50, id: 45
round 40, starting client 50/50, id: 61
round 40, validation acc: 0.9706
starting round 41
clients: [62 56 80 17 7 4 45 44 47 6 57 8 71 95 69 85 24 42 75 32 51 55 82
3
13 53 0 97 73 36 43 77 86 39 92 10 61 91 63 65 49 34 30 84 29 28 5 96
33 12]
round 41, starting client 1/50, id: 62
round 41, starting client 2/50, id: 56
round 41, starting client 3/50, id: 80
round 41, starting client 4/50, id: 17
round 41, starting client 5/50, id: 7
round 41, starting client 6/50, id: 4
round 41, starting client 7/50, id: 45
round 41, starting client 8/50, id: 44
round 41, starting client 9/50, id: 47
round 41, starting client 10/50, id: 6
round 41, starting client 11/50, id: 57
round 41, starting client 12/50, id: 8
round 41, starting client 13/50, id: 71
round 41, starting client 14/50, id: 95
round 41, starting client 15/50, id: 69
round 41, starting client 16/50, id: 85

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round 41, starting client 17/50, id: 24
round 41, starting client 18/50, id: 42
round 41, starting client 19/50, id: 75
round 41, starting client 20/50, id: 32
round 41, starting client 21/50, id: 51
round 41, starting client 22/50, id: 55
round 41, starting client 23/50, id: 82
round 41, starting client 24/50, id: 3
round 41, starting client 25/50, id: 13
round 41, starting client 26/50, id: 53
round 41, starting client 27/50, id: 0
round 41, starting client 28/50, id: 97
round 41, starting client 29/50, id: 73
round 41, starting client 30/50, id: 36
round 41, starting client 31/50, id: 43
round 41, starting client 32/50, id: 77
round 41, starting client 33/50, id: 86
round 41, starting client 34/50, id: 39
round 41, starting client 35/50, id: 92
round 41, starting client 36/50, id: 10
round 41, starting client 37/50, id: 61
round 41, starting client 38/50, id: 91
round 41, starting client 39/50, id: 63
round 41, starting client 40/50, id: 65
round 41, starting client 41/50, id: 49
round 41, starting client 42/50, id: 34
round 41, starting client 43/50, id: 30
round 41, starting client 44/50, id: 84
round 41, starting client 45/50, id: 29
round 41, starting client 46/50, id: 28
round 41, starting client 47/50, id: 5
round 41, starting client 48/50, id: 96
round 41, starting client 49/50, id: 33
round 41, starting client 50/50, id: 12
round 41, validation acc: 0.9722
starting round 42
clients: [12 96 23 65 80 31 42 7 97 69 37 39 56 83 5 71 66 70 48 92 68 2 14
88
84 51 20 50 33 73 35 58 91 77 46 63 57 85 86 32 99 59 15 90 30 60 6 11
43 52]
round 42, starting client 1/50, id: 12
round 42, starting client 2/50, id: 96
round 42, starting client 3/50, id: 23
round 42, starting client 4/50, id: 65
round 42, starting client 5/50, id: 80
round 42, starting client 6/50, id: 31
round 42, starting client 7/50, id: 42
round 42, starting client 8/50, id: 7

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round 42, starting client 9/50, id: 97
round 42, starting client 10/50, id: 69
round 42, starting client 11/50, id: 37
round 42, starting client 12/50, id: 39
round 42, starting client 13/50, id: 56
round 42, starting client 14/50, id: 83
round 42, starting client 15/50, id: 5
round 42, starting client 16/50, id: 71
round 42, starting client 17/50, id: 66
round 42, starting client 18/50, id: 70
round 42, starting client 19/50, id: 48
round 42, starting client 20/50, id: 92
round 42, starting client 21/50, id: 68
round 42, starting client 22/50, id: 2
round 42, starting client 23/50, id: 14
round 42, starting client 24/50, id: 88
round 42, starting client 25/50, id: 84
round 42, starting client 26/50, id: 51
round 42, starting client 27/50, id: 20
round 42, starting client 28/50, id: 50
round 42, starting client 29/50, id: 33
round 42, starting client 30/50, id: 73
round 42, starting client 31/50, id: 35
round 42, starting client 32/50, id: 58
round 42, starting client 33/50, id: 91
round 42, starting client 34/50, id: 77
round 42, starting client 35/50, id: 46
round 42, starting client 36/50, id: 63
round 42, starting client 37/50, id: 57
round 42, starting client 38/50, id: 85
round 42, starting client 39/50, id: 86
round 42, starting client 40/50, id: 32
round 42, starting client 41/50, id: 99
round 42, starting client 42/50, id: 59
round 42, starting client 43/50, id: 15
round 42, starting client 44/50, id: 90
round 42, starting client 45/50, id: 30
round 42, starting client 46/50, id: 60
round 42, starting client 47/50, id: 6
round 42, starting client 48/50, id: 11
round 42, starting client 49/50, id: 43
round 42, starting client 50/50, id: 52
round 42, validation acc: 0.972
starting round 43
clients: [ 7 34 89 46 64 61 42  2  1 80 43 76 16 40 97 21 18 82 29  9 41 45 57
4
91 25 37 24 19 48 67 87 92 15 31 62 55 95 94 69 23 84 77 54 14 70 38 30
6 86]

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round 43, starting client 1/50, id: 7
round 43, starting client 2/50, id: 34
round 43, starting client 3/50, id: 89
round 43, starting client 4/50, id: 46
round 43, starting client 5/50, id: 64
round 43, starting client 6/50, id: 61
round 43, starting client 7/50, id: 42
round 43, starting client 8/50, id: 2
round 43, starting client 9/50, id: 1
round 43, starting client 10/50, id: 80
round 43, starting client 11/50, id: 43
round 43, starting client 12/50, id: 76
round 43, starting client 13/50, id: 16
round 43, starting client 14/50, id: 40
round 43, starting client 15/50, id: 97
round 43, starting client 16/50, id: 21
round 43, starting client 17/50, id: 18
round 43, starting client 18/50, id: 82
round 43, starting client 19/50, id: 29
round 43, starting client 20/50, id: 9
round 43, starting client 21/50, id: 41
round 43, starting client 22/50, id: 45
round 43, starting client 23/50, id: 57
round 43, starting client 24/50, id: 4
round 43, starting client 25/50, id: 91
round 43, starting client 26/50, id: 25
round 43, starting client 27/50, id: 37
round 43, starting client 28/50, id: 24
round 43, starting client 29/50, id: 19
round 43, starting client 30/50, id: 48
round 43, starting client 31/50, id: 67
round 43, starting client 32/50, id: 87
round 43, starting client 33/50, id: 92
round 43, starting client 34/50, id: 15
round 43, starting client 35/50, id: 31
round 43, starting client 36/50, id: 62
round 43, starting client 37/50, id: 55
round 43, starting client 38/50, id: 95
round 43, starting client 39/50, id: 94
round 43, starting client 40/50, id: 69
round 43, starting client 41/50, id: 23
round 43, starting client 42/50, id: 84
round 43, starting client 43/50, id: 77
round 43, starting client 44/50, id: 54
round 43, starting client 45/50, id: 14
round 43, starting client 46/50, id: 70
round 43, starting client 47/50, id: 38
round 43, starting client 48/50, id: 30

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round 43, starting client 49/50, id: 6
round 43, starting client 50/50, id: 86
round 43, validation acc: 0.9719
starting round 44
clients: [87 41 34 54 43 85 60 66 31 57 62 86 99 11 67 83 71 46 53 17 39 81 94
72
6 26 12 44 97 1 29 20 61 58 51 15 27 45 95 93 36 77 16 28 18 25 80 52
64 13]
round 44, starting client 1/50, id: 87
round 44, starting client 2/50, id: 41
round 44, starting client 3/50, id: 34
round 44, starting client 4/50, id: 54
round 44, starting client 5/50, id: 43
round 44, starting client 6/50, id: 85
round 44, starting client 7/50, id: 60
round 44, starting client 8/50, id: 66
round 44, starting client 9/50, id: 31
round 44, starting client 10/50, id: 57
round 44, starting client 11/50, id: 62
round 44, starting client 12/50, id: 86
round 44, starting client 13/50, id: 99
round 44, starting client 14/50, id: 11
round 44, starting client 15/50, id: 67
round 44, starting client 16/50, id: 83
round 44, starting client 17/50, id: 71
round 44, starting client 18/50, id: 46
round 44, starting client 19/50, id: 53
round 44, starting client 20/50, id: 17
round 44, starting client 21/50, id: 39
round 44, starting client 22/50, id: 81
round 44, starting client 23/50, id: 94
round 44, starting client 24/50, id: 72
round 44, starting client 25/50, id: 6
round 44, starting client 26/50, id: 26
round 44, starting client 27/50, id: 12
round 44, starting client 28/50, id: 44
round 44, starting client 29/50, id: 97
round 44, starting client 30/50, id: 1
round 44, starting client 31/50, id: 29
round 44, starting client 32/50, id: 20
round 44, starting client 33/50, id: 61
round 44, starting client 34/50, id: 58
round 44, starting client 35/50, id: 51
round 44, starting client 36/50, id: 15
round 44, starting client 37/50, id: 27
round 44, starting client 38/50, id: 45
round 44, starting client 39/50, id: 95
round 44, starting client 40/50, id: 93

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round 44, starting client 41/50, id: 36
round 44, starting client 42/50, id: 77
round 44, starting client 43/50, id: 16
round 44, starting client 44/50, id: 28
round 44, starting client 45/50, id: 18
round 44, starting client 46/50, id: 25
round 44, starting client 47/50, id: 80
round 44, starting client 48/50, id: 52
round 44, starting client 49/50, id: 64
round 44, starting client 50/50, id: 13
round 44, validation acc: 0.9715
starting round 45
clients: [35 54 39 87 55 80 75 49 61 95 42  7 68 19  0 36 43 45 17 76 72 27 58
40
 23 88 71 66 10 85 59 93 57 47 34 33  2 70 90 91 89 73 18 60 99 12 44 48
15 28]
round 45, starting client 1/50, id: 35
round 45, starting client 2/50, id: 54
round 45, starting client 3/50, id: 39
round 45, starting client 4/50, id: 87
round 45, starting client 5/50, id: 55
round 45, starting client 6/50, id: 80
round 45, starting client 7/50, id: 75
round 45, starting client 8/50, id: 49
round 45, starting client 9/50, id: 61
round 45, starting client 10/50, id: 95
round 45, starting client 11/50, id: 42
round 45, starting client 12/50, id: 7
round 45, starting client 13/50, id: 68
round 45, starting client 14/50, id: 19
round 45, starting client 15/50, id: 0
round 45, starting client 16/50, id: 36
round 45, starting client 17/50, id: 43
round 45, starting client 18/50, id: 45
round 45, starting client 19/50, id: 17
round 45, starting client 20/50, id: 76
round 45, starting client 21/50, id: 72
round 45, starting client 22/50, id: 27
round 45, starting client 23/50, id: 58
round 45, starting client 24/50, id: 40
round 45, starting client 25/50, id: 23
round 45, starting client 26/50, id: 88
round 45, starting client 27/50, id: 71
round 45, starting client 28/50, id: 66
round 45, starting client 29/50, id: 10
round 45, starting client 30/50, id: 85
round 45, starting client 31/50, id: 59
round 45, starting client 32/50, id: 93

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round 45, starting client 33/50, id: 57
round 45, starting client 34/50, id: 47
round 45, starting client 35/50, id: 34
round 45, starting client 36/50, id: 33
round 45, starting client 37/50, id: 2
round 45, starting client 38/50, id: 70
round 45, starting client 39/50, id: 90
round 45, starting client 40/50, id: 91
round 45, starting client 41/50, id: 89
round 45, starting client 42/50, id: 73
round 45, starting client 43/50, id: 18
round 45, starting client 44/50, id: 60
round 45, starting client 45/50, id: 99
round 45, starting client 46/50, id: 12
round 45, starting client 47/50, id: 44
round 45, starting client 48/50, id: 48
round 45, starting client 49/50, id: 15
round 45, starting client 50/50, id: 28
round 45, validation acc: 0.9729
starting round 46
clients: [30 69 90 4 80 86 78 23 3 58 27 81 91 38 74 95 92 17 36 98 19 99 12
54
47 56 61 89 43 31 24 2 39 14 67 73 77 35 57 7 60 9 0 71 72 55 32 96
45 87]
round 46, starting client 1/50, id: 30
round 46, starting client 2/50, id: 69
round 46, starting client 3/50, id: 90
round 46, starting client 4/50, id: 4
round 46, starting client 5/50, id: 80
round 46, starting client 6/50, id: 86
round 46, starting client 7/50, id: 78
round 46, starting client 8/50, id: 23
round 46, starting client 9/50, id: 3
round 46, starting client 10/50, id: 58
round 46, starting client 11/50, id: 27
round 46, starting client 12/50, id: 81
round 46, starting client 13/50, id: 91
round 46, starting client 14/50, id: 38
round 46, starting client 15/50, id: 74
round 46, starting client 16/50, id: 95
round 46, starting client 17/50, id: 92
round 46, starting client 18/50, id: 17
round 46, starting client 19/50, id: 36
round 46, starting client 20/50, id: 98
round 46, starting client 21/50, id: 19
round 46, starting client 22/50, id: 99
round 46, starting client 23/50, id: 12
round 46, starting client 24/50, id: 54

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round 46, starting client 25/50, id: 47
round 46, starting client 26/50, id: 56
round 46, starting client 27/50, id: 61
round 46, starting client 28/50, id: 89
round 46, starting client 29/50, id: 43
round 46, starting client 30/50, id: 31
round 46, starting client 31/50, id: 24
round 46, starting client 32/50, id: 2
round 46, starting client 33/50, id: 39
round 46, starting client 34/50, id: 14
round 46, starting client 35/50, id: 67
round 46, starting client 36/50, id: 73
round 46, starting client 37/50, id: 77
round 46, starting client 38/50, id: 35
round 46, starting client 39/50, id: 57
round 46, starting client 40/50, id: 7
round 46, starting client 41/50, id: 60
round 46, starting client 42/50, id: 9
round 46, starting client 43/50, id: 0
round 46, starting client 44/50, id: 71
round 46, starting client 45/50, id: 72
round 46, starting client 46/50, id: 55
round 46, starting client 47/50, id: 32
round 46, starting client 48/50, id: 96
round 46, starting client 49/50, id: 45
round 46, starting client 50/50, id: 87
round 46, validation acc: 0.9725
starting round 47
clients: [69 12 55 38 17 63 77 3 25 10 81 46 86 50 19 44 80 78 75 53 24 96 33
89
20 90 83 26 34 74 15 94 6 31 88 47 4 92 84 21 62 1 29 66 61 42 16 41
97 9]
round 47, starting client 1/50, id: 69
round 47, starting client 2/50, id: 12
round 47, starting client 3/50, id: 55
round 47, starting client 4/50, id: 38
round 47, starting client 5/50, id: 17
round 47, starting client 6/50, id: 63
round 47, starting client 7/50, id: 77
round 47, starting client 8/50, id: 3
round 47, starting client 9/50, id: 25
round 47, starting client 10/50, id: 10
round 47, starting client 11/50, id: 81
round 47, starting client 12/50, id: 46
round 47, starting client 13/50, id: 86
round 47, starting client 14/50, id: 50
round 47, starting client 15/50, id: 19
round 47, starting client 16/50, id: 44

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round 47, starting client 17/50, id: 80
round 47, starting client 18/50, id: 78
round 47, starting client 19/50, id: 75
round 47, starting client 20/50, id: 53
round 47, starting client 21/50, id: 24
round 47, starting client 22/50, id: 96
round 47, starting client 23/50, id: 33
round 47, starting client 24/50, id: 89
round 47, starting client 25/50, id: 20
round 47, starting client 26/50, id: 90
round 47, starting client 27/50, id: 83
round 47, starting client 28/50, id: 26
round 47, starting client 29/50, id: 34
round 47, starting client 30/50, id: 74
round 47, starting client 31/50, id: 15
round 47, starting client 32/50, id: 94
round 47, starting client 33/50, id: 6
round 47, starting client 34/50, id: 31
round 47, starting client 35/50, id: 88
round 47, starting client 36/50, id: 47
round 47, starting client 37/50, id: 4
round 47, starting client 38/50, id: 92
round 47, starting client 39/50, id: 84
round 47, starting client 40/50, id: 21
round 47, starting client 41/50, id: 62
round 47, starting client 42/50, id: 1
round 47, starting client 43/50, id: 29
round 47, starting client 44/50, id: 66
round 47, starting client 45/50, id: 61
round 47, starting client 46/50, id: 42
round 47, starting client 47/50, id: 16
round 47, starting client 48/50, id: 41
round 47, starting client 49/50, id: 97
round 47, starting client 50/50, id: 9
round 47, validation acc: 0.9742
starting round 48
clients: [ 0 61 2 87 33 49 34 3 51 99 95 92 50 91 74 93 47 69 56 15 18 76 20
75
12 6 73 43 31 45 29 30 27 63 14 40 62 59 8 70 5 39 71 41 44 28 9 52
72 53]
round 48, starting client 1/50, id: 0
round 48, starting client 2/50, id: 61
round 48, starting client 3/50, id: 2
round 48, starting client 4/50, id: 87
round 48, starting client 5/50, id: 33
round 48, starting client 6/50, id: 49
round 48, starting client 7/50, id: 34
round 48, starting client 8/50, id: 3

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round 48, starting client 9/50, id: 51
round 48, starting client 10/50, id: 99
round 48, starting client 11/50, id: 95
round 48, starting client 12/50, id: 92
round 48, starting client 13/50, id: 50
round 48, starting client 14/50, id: 91
round 48, starting client 15/50, id: 74
round 48, starting client 16/50, id: 93
round 48, starting client 17/50, id: 47
round 48, starting client 18/50, id: 69
round 48, starting client 19/50, id: 56
round 48, starting client 20/50, id: 15
round 48, starting client 21/50, id: 18
round 48, starting client 22/50, id: 76
round 48, starting client 23/50, id: 20
round 48, starting client 24/50, id: 75
round 48, starting client 25/50, id: 12
round 48, starting client 26/50, id: 6
round 48, starting client 27/50, id: 73
round 48, starting client 28/50, id: 43
round 48, starting client 29/50, id: 31
round 48, starting client 30/50, id: 45
round 48, starting client 31/50, id: 29
round 48, starting client 32/50, id: 30
round 48, starting client 33/50, id: 27
round 48, starting client 34/50, id: 63
round 48, starting client 35/50, id: 14
round 48, starting client 36/50, id: 40
round 48, starting client 37/50, id: 62
round 48, starting client 38/50, id: 59
round 48, starting client 39/50, id: 8
round 48, starting client 40/50, id: 70
round 48, starting client 41/50, id: 5
round 48, starting client 42/50, id: 39
round 48, starting client 43/50, id: 71
round 48, starting client 44/50, id: 41
round 48, starting client 45/50, id: 44
round 48, starting client 46/50, id: 28
round 48, starting client 47/50, id: 9
round 48, starting client 48/50, id: 52
round 48, starting client 49/50, id: 72
round 48, starting client 50/50, id: 53
round 48, validation acc: 0.9735
starting round 49
clients: [23 55 97 4 1 76 45 72 20 27 70 36 43 95 62 7 81 41 31 46 58 96 63
57
17 93 80 78 68 26 37 51 38 50 40 5 12 88 24 34 52 83 60 89 67 59 42 13
35 9]

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round 49, starting client 1/50, id: 23
round 49, starting client 2/50, id: 55
round 49, starting client 3/50, id: 97
round 49, starting client 4/50, id: 4
round 49, starting client 5/50, id: 1
round 49, starting client 6/50, id: 76
round 49, starting client 7/50, id: 45
round 49, starting client 8/50, id: 72
round 49, starting client 9/50, id: 20
round 49, starting client 10/50, id: 27
round 49, starting client 11/50, id: 70
round 49, starting client 12/50, id: 36
round 49, starting client 13/50, id: 43
round 49, starting client 14/50, id: 95
round 49, starting client 15/50, id: 62
round 49, starting client 16/50, id: 7
round 49, starting client 17/50, id: 81
round 49, starting client 18/50, id: 41
round 49, starting client 19/50, id: 31
round 49, starting client 20/50, id: 46
round 49, starting client 21/50, id: 58
round 49, starting client 22/50, id: 96
round 49, starting client 23/50, id: 63
round 49, starting client 24/50, id: 57
round 49, starting client 25/50, id: 17
round 49, starting client 26/50, id: 93
round 49, starting client 27/50, id: 80
round 49, starting client 28/50, id: 78
round 49, starting client 29/50, id: 68
round 49, starting client 30/50, id: 26
round 49, starting client 31/50, id: 37
round 49, starting client 32/50, id: 51
round 49, starting client 33/50, id: 38
round 49, starting client 34/50, id: 50
round 49, starting client 35/50, id: 40
round 49, starting client 36/50, id: 5
round 49, starting client 37/50, id: 12
round 49, starting client 38/50, id: 88
round 49, starting client 39/50, id: 24
round 49, starting client 40/50, id: 34
round 49, starting client 41/50, id: 52
round 49, starting client 42/50, id: 83
round 49, starting client 43/50, id: 60
round 49, starting client 44/50, id: 89
round 49, starting client 45/50, id: 67
round 49, starting client 46/50, id: 59
round 49, starting client 47/50, id: 42
round 49, starting client 48/50, id: 13

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round 49, starting client 49/50, id: 35
round 49, starting client 50/50, id: 9
round 49, validation acc: 0.9742
starting round 50
clients: [12 17 79 40 80 34 92 62 26 76 65 97 50 68 4 90 47 25 96 88 82 30 93
61
21 84 32 37 73 46 13 49 35 11 42 60 91 66 6 14 20 99 1 89 28 70 23 19
83 69]
round 50, starting client 1/50, id: 12
round 50, starting client 2/50, id: 17
round 50, starting client 3/50, id: 79
round 50, starting client 4/50, id: 40
round 50, starting client 5/50, id: 80
round 50, starting client 6/50, id: 34
round 50, starting client 7/50, id: 92
round 50, starting client 8/50, id: 62
round 50, starting client 9/50, id: 26
round 50, starting client 10/50, id: 76
round 50, starting client 11/50, id: 65
round 50, starting client 12/50, id: 97
round 50, starting client 13/50, id: 50
round 50, starting client 14/50, id: 68
round 50, starting client 15/50, id: 4
round 50, starting client 16/50, id: 90
round 50, starting client 17/50, id: 47
round 50, starting client 18/50, id: 25
round 50, starting client 19/50, id: 96
round 50, starting client 20/50, id: 88
round 50, starting client 21/50, id: 82
round 50, starting client 22/50, id: 30
round 50, starting client 23/50, id: 93
round 50, starting client 24/50, id: 61
round 50, starting client 25/50, id: 21
round 50, starting client 26/50, id: 84
round 50, starting client 27/50, id: 32
round 50, starting client 28/50, id: 37
round 50, starting client 29/50, id: 73
round 50, starting client 30/50, id: 46
round 50, starting client 31/50, id: 13
round 50, starting client 32/50, id: 49
round 50, starting client 33/50, id: 35
round 50, starting client 34/50, id: 11
round 50, starting client 35/50, id: 42
round 50, starting client 36/50, id: 60
round 50, starting client 37/50, id: 91
round 50, starting client 38/50, id: 66
round 50, starting client 39/50, id: 6
round 50, starting client 40/50, id: 14

```

```

round 50, starting client 41/50, id: 20
round 50, starting client 42/50, id: 99
round 50, starting client 43/50, id: 1
round 50, starting client 44/50, id: 89
round 50, starting client 45/50, id: 28
round 50, starting client 46/50, id: 70
round 50, starting client 47/50, id: 23
round 50, starting client 48/50, id: 19
round 50, starting client 49/50, id: 83
round 50, starting client 50/50, id: 69
round 50, validation acc: 0.9742
starting round 51
clients: [27 42 99 63 82 15 18 40 88 52 81 73 46 64 26 98 13 68 2 87 61 66 11
22
89 8 92 90 19 56 6 67 83 28 51 57 69 35 0 93 36 95 45 12 71 47 97 77
44 94]
round 51, starting client 1/50, id: 27
round 51, starting client 2/50, id: 42
round 51, starting client 3/50, id: 99
round 51, starting client 4/50, id: 63
round 51, starting client 5/50, id: 82
round 51, starting client 6/50, id: 15
round 51, starting client 7/50, id: 18
round 51, starting client 8/50, id: 40
round 51, starting client 9/50, id: 88
round 51, starting client 10/50, id: 52
round 51, starting client 11/50, id: 81
round 51, starting client 12/50, id: 73
round 51, starting client 13/50, id: 46
round 51, starting client 14/50, id: 64
round 51, starting client 15/50, id: 26
round 51, starting client 16/50, id: 98
round 51, starting client 17/50, id: 13
round 51, starting client 18/50, id: 68
round 51, starting client 19/50, id: 2
round 51, starting client 20/50, id: 87
round 51, starting client 21/50, id: 61
round 51, starting client 22/50, id: 66
round 51, starting client 23/50, id: 11
round 51, starting client 24/50, id: 22
round 51, starting client 25/50, id: 89
round 51, starting client 26/50, id: 8
round 51, starting client 27/50, id: 92
round 51, starting client 28/50, id: 90
round 51, starting client 29/50, id: 19
round 51, starting client 30/50, id: 56
round 51, starting client 31/50, id: 6
round 51, starting client 32/50, id: 67

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round 51, starting client 33/50, id: 83
round 51, starting client 34/50, id: 28
round 51, starting client 35/50, id: 51
round 51, starting client 36/50, id: 57
round 51, starting client 37/50, id: 69
round 51, starting client 38/50, id: 35
round 51, starting client 39/50, id: 0
round 51, starting client 40/50, id: 93
round 51, starting client 41/50, id: 36
round 51, starting client 42/50, id: 95
round 51, starting client 43/50, id: 45
round 51, starting client 44/50, id: 12
round 51, starting client 45/50, id: 71
round 51, starting client 46/50, id: 47
round 51, starting client 47/50, id: 97
round 51, starting client 48/50, id: 77
round 51, starting client 49/50, id: 44
round 51, starting client 50/50, id: 94
round 51, validation acc: 0.9744
starting round 52
clients: [81 86 64 9 71 33 18 79 97 43 21 39 94 0 76 96 34 16 88 99 93 48 60
5
61 90 50 91 70 12 84 51 45 23 22 20 40 69 30 63 54 28 24 49 59 53 47 1
65 2]
round 52, starting client 1/50, id: 81
round 52, starting client 2/50, id: 86
round 52, starting client 3/50, id: 64
round 52, starting client 4/50, id: 9
round 52, starting client 5/50, id: 71
round 52, starting client 6/50, id: 33
round 52, starting client 7/50, id: 18
round 52, starting client 8/50, id: 79
round 52, starting client 9/50, id: 97
round 52, starting client 10/50, id: 43
round 52, starting client 11/50, id: 21
round 52, starting client 12/50, id: 39
round 52, starting client 13/50, id: 94
round 52, starting client 14/50, id: 0
round 52, starting client 15/50, id: 76
round 52, starting client 16/50, id: 96
round 52, starting client 17/50, id: 34
round 52, starting client 18/50, id: 16
round 52, starting client 19/50, id: 88
round 52, starting client 20/50, id: 99
round 52, starting client 21/50, id: 93
round 52, starting client 22/50, id: 48
round 52, starting client 23/50, id: 60
round 52, starting client 24/50, id: 5

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round 52, starting client 25/50, id: 61
round 52, starting client 26/50, id: 90
round 52, starting client 27/50, id: 50
round 52, starting client 28/50, id: 91
round 52, starting client 29/50, id: 70
round 52, starting client 30/50, id: 12
round 52, starting client 31/50, id: 84
round 52, starting client 32/50, id: 51
round 52, starting client 33/50, id: 45
round 52, starting client 34/50, id: 23
round 52, starting client 35/50, id: 22
round 52, starting client 36/50, id: 20
round 52, starting client 37/50, id: 40
round 52, starting client 38/50, id: 69
round 52, starting client 39/50, id: 30
round 52, starting client 40/50, id: 63
round 52, starting client 41/50, id: 54
round 52, starting client 42/50, id: 28
round 52, starting client 43/50, id: 24
round 52, starting client 44/50, id: 49
round 52, starting client 45/50, id: 59
round 52, starting client 46/50, id: 53
round 52, starting client 47/50, id: 47
round 52, starting client 48/50, id: 1
round 52, starting client 49/50, id: 65
round 52, starting client 50/50, id: 2
round 52, validation acc: 0.975
starting round 53
clients: [97 29 95 24 17 70 26 32 19 5 94 12 84 89 6 46 93 56 45 23 16 7 37
53
31 47 83 81 82 80 38 90 25 20 73 85 4 50 68 86 69 64 51 13 36 72 3 42
9 57]
round 53, starting client 1/50, id: 97
round 53, starting client 2/50, id: 29
round 53, starting client 3/50, id: 95
round 53, starting client 4/50, id: 24
round 53, starting client 5/50, id: 17
round 53, starting client 6/50, id: 70
round 53, starting client 7/50, id: 26
round 53, starting client 8/50, id: 32
round 53, starting client 9/50, id: 19
round 53, starting client 10/50, id: 5
round 53, starting client 11/50, id: 94
round 53, starting client 12/50, id: 12
round 53, starting client 13/50, id: 84
round 53, starting client 14/50, id: 89
round 53, starting client 15/50, id: 6
round 53, starting client 16/50, id: 46

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round 53, starting client 17/50, id: 93
round 53, starting client 18/50, id: 56
round 53, starting client 19/50, id: 45
round 53, starting client 20/50, id: 23
round 53, starting client 21/50, id: 16
round 53, starting client 22/50, id: 7
round 53, starting client 23/50, id: 37
round 53, starting client 24/50, id: 53
round 53, starting client 25/50, id: 31
round 53, starting client 26/50, id: 47
round 53, starting client 27/50, id: 83
round 53, starting client 28/50, id: 81
round 53, starting client 29/50, id: 82
round 53, starting client 30/50, id: 80
round 53, starting client 31/50, id: 38
round 53, starting client 32/50, id: 90
round 53, starting client 33/50, id: 25
round 53, starting client 34/50, id: 20
round 53, starting client 35/50, id: 73
round 53, starting client 36/50, id: 85
round 53, starting client 37/50, id: 4
round 53, starting client 38/50, id: 50
round 53, starting client 39/50, id: 68
round 53, starting client 40/50, id: 86
round 53, starting client 41/50, id: 69
round 53, starting client 42/50, id: 64
round 53, starting client 43/50, id: 51
round 53, starting client 44/50, id: 13
round 53, starting client 45/50, id: 36
round 53, starting client 46/50, id: 72
round 53, starting client 47/50, id: 3
round 53, starting client 48/50, id: 42
round 53, starting client 49/50, id: 9
round 53, starting client 50/50, id: 57
round 53, validation acc: 0.9744
starting round 54
clients: [46 98 52 70 65 80 14 25 73 1 36 54 29 82 51 64 78 10 27 44 18 88 24
20
4 57 58 55 13 17 53 12 30 86 15 7 45 28 66 85 40 94 89 43 95 32 68 97
74 62]
round 54, starting client 1/50, id: 46
round 54, starting client 2/50, id: 98
round 54, starting client 3/50, id: 52
round 54, starting client 4/50, id: 70
round 54, starting client 5/50, id: 65
round 54, starting client 6/50, id: 80
round 54, starting client 7/50, id: 14
round 54, starting client 8/50, id: 25

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round 54, starting client 9/50, id: 73
round 54, starting client 10/50, id: 1
round 54, starting client 11/50, id: 36
round 54, starting client 12/50, id: 54
round 54, starting client 13/50, id: 29
round 54, starting client 14/50, id: 82
round 54, starting client 15/50, id: 51
round 54, starting client 16/50, id: 64
round 54, starting client 17/50, id: 78
round 54, starting client 18/50, id: 10
round 54, starting client 19/50, id: 27
round 54, starting client 20/50, id: 44
round 54, starting client 21/50, id: 18
round 54, starting client 22/50, id: 88
round 54, starting client 23/50, id: 24
round 54, starting client 24/50, id: 20
round 54, starting client 25/50, id: 4
round 54, starting client 26/50, id: 57
round 54, starting client 27/50, id: 58
round 54, starting client 28/50, id: 55
round 54, starting client 29/50, id: 13
round 54, starting client 30/50, id: 17
round 54, starting client 31/50, id: 53
round 54, starting client 32/50, id: 12
round 54, starting client 33/50, id: 30
round 54, starting client 34/50, id: 86
round 54, starting client 35/50, id: 15
round 54, starting client 36/50, id: 7
round 54, starting client 37/50, id: 45
round 54, starting client 38/50, id: 28
round 54, starting client 39/50, id: 66
round 54, starting client 40/50, id: 85
round 54, starting client 41/50, id: 40
round 54, starting client 42/50, id: 94
round 54, starting client 43/50, id: 89
round 54, starting client 44/50, id: 43
round 54, starting client 45/50, id: 95
round 54, starting client 46/50, id: 32
round 54, starting client 47/50, id: 68
round 54, starting client 48/50, id: 97
round 54, starting client 49/50, id: 74
round 54, starting client 50/50, id: 62
round 54, validation acc: 0.9751
starting round 55
clients: [53 17 4 49 39 41 70 1 88 32 12 74 7 30 55 42 73 82 37 15 28 58 89
34
14 38 26 97 75 87 57 95 36 77 59 43 0 62 2 91 10 44 68 83 5 99 71 16
35 6]

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round 55, starting client 1/50, id: 53
round 55, starting client 2/50, id: 17
round 55, starting client 3/50, id: 4
round 55, starting client 4/50, id: 49
round 55, starting client 5/50, id: 39
round 55, starting client 6/50, id: 41
round 55, starting client 7/50, id: 70
round 55, starting client 8/50, id: 1
round 55, starting client 9/50, id: 88
round 55, starting client 10/50, id: 32
round 55, starting client 11/50, id: 12
round 55, starting client 12/50, id: 74
round 55, starting client 13/50, id: 7
round 55, starting client 14/50, id: 30
round 55, starting client 15/50, id: 55
round 55, starting client 16/50, id: 42
round 55, starting client 17/50, id: 73
round 55, starting client 18/50, id: 82
round 55, starting client 19/50, id: 37
round 55, starting client 20/50, id: 15
round 55, starting client 21/50, id: 28
round 55, starting client 22/50, id: 58
round 55, starting client 23/50, id: 89
round 55, starting client 24/50, id: 34
round 55, starting client 25/50, id: 14
round 55, starting client 26/50, id: 38
round 55, starting client 27/50, id: 26
round 55, starting client 28/50, id: 97
round 55, starting client 29/50, id: 75
round 55, starting client 30/50, id: 87
round 55, starting client 31/50, id: 57
round 55, starting client 32/50, id: 95
round 55, starting client 33/50, id: 36
round 55, starting client 34/50, id: 77
round 55, starting client 35/50, id: 59
round 55, starting client 36/50, id: 43
round 55, starting client 37/50, id: 0
round 55, starting client 38/50, id: 62
round 55, starting client 39/50, id: 2
round 55, starting client 40/50, id: 91
round 55, starting client 41/50, id: 10
round 55, starting client 42/50, id: 44
round 55, starting client 43/50, id: 68
round 55, starting client 44/50, id: 83
round 55, starting client 45/50, id: 5
round 55, starting client 46/50, id: 99
round 55, starting client 47/50, id: 71
round 55, starting client 48/50, id: 16

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round 55, starting client 49/50, id: 35
round 55, starting client 50/50, id: 6
round 55, validation acc: 0.9755
starting round 56
clients: [50 94 97 95 49  7 23 46 41 22 96 51  1 55  6  0 84 26 19 36 93 53 14
25
 34 80 71 86 27 44  8 89 43 12 98 15 88  9 37 40 28 85 17 78 57 24 64 10
72 70]
round 56, starting client 1/50, id: 50
round 56, starting client 2/50, id: 94
round 56, starting client 3/50, id: 97
round 56, starting client 4/50, id: 95
round 56, starting client 5/50, id: 49
round 56, starting client 6/50, id: 7
round 56, starting client 7/50, id: 23
round 56, starting client 8/50, id: 46
round 56, starting client 9/50, id: 41
round 56, starting client 10/50, id: 22
round 56, starting client 11/50, id: 96
round 56, starting client 12/50, id: 51
round 56, starting client 13/50, id: 1
round 56, starting client 14/50, id: 55
round 56, starting client 15/50, id: 6
round 56, starting client 16/50, id: 0
round 56, starting client 17/50, id: 84
round 56, starting client 18/50, id: 26
round 56, starting client 19/50, id: 19
round 56, starting client 20/50, id: 36
round 56, starting client 21/50, id: 93
round 56, starting client 22/50, id: 53
round 56, starting client 23/50, id: 14
round 56, starting client 24/50, id: 25
round 56, starting client 25/50, id: 34
round 56, starting client 26/50, id: 80
round 56, starting client 27/50, id: 71
round 56, starting client 28/50, id: 86
round 56, starting client 29/50, id: 27
round 56, starting client 30/50, id: 44
round 56, starting client 31/50, id: 8
round 56, starting client 32/50, id: 89
round 56, starting client 33/50, id: 43
round 56, starting client 34/50, id: 12
round 56, starting client 35/50, id: 98
round 56, starting client 36/50, id: 15
round 56, starting client 37/50, id: 88
round 56, starting client 38/50, id: 9
round 56, starting client 39/50, id: 37
round 56, starting client 40/50, id: 40

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round 56, starting client 41/50, id: 28
round 56, starting client 42/50, id: 85
round 56, starting client 43/50, id: 17
round 56, starting client 44/50, id: 78
round 56, starting client 45/50, id: 57
round 56, starting client 46/50, id: 24
round 56, starting client 47/50, id: 64
round 56, starting client 48/50, id: 10
round 56, starting client 49/50, id: 72
round 56, starting client 50/50, id: 70
round 56, validation acc: 0.9748
starting round 57
clients: [62 34 98 56 41  3 87  8 39 91 19  2 24 30 12 73 25 76  5 78 18 86 10
27
 26 32 65 37 23 46 13 20 99 40 85 57 84 54  6 50  9 29 42 94 60 36 72 77
45 38]
round 57, starting client 1/50, id: 62
round 57, starting client 2/50, id: 34
round 57, starting client 3/50, id: 98
round 57, starting client 4/50, id: 56
round 57, starting client 5/50, id: 41
round 57, starting client 6/50, id: 3
round 57, starting client 7/50, id: 87
round 57, starting client 8/50, id: 8
round 57, starting client 9/50, id: 39
round 57, starting client 10/50, id: 91
round 57, starting client 11/50, id: 19
round 57, starting client 12/50, id: 2
round 57, starting client 13/50, id: 24
round 57, starting client 14/50, id: 30
round 57, starting client 15/50, id: 12
round 57, starting client 16/50, id: 73
round 57, starting client 17/50, id: 25
round 57, starting client 18/50, id: 76
round 57, starting client 19/50, id: 5
round 57, starting client 20/50, id: 78
round 57, starting client 21/50, id: 18
round 57, starting client 22/50, id: 86
round 57, starting client 23/50, id: 10
round 57, starting client 24/50, id: 27
round 57, starting client 25/50, id: 26
round 57, starting client 26/50, id: 32
round 57, starting client 27/50, id: 65
round 57, starting client 28/50, id: 37
round 57, starting client 29/50, id: 23
round 57, starting client 30/50, id: 46
round 57, starting client 31/50, id: 13
round 57, starting client 32/50, id: 20

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round 57, starting client 33/50, id: 99
 round 57, starting client 34/50, id: 40
 round 57, starting client 35/50, id: 85
 round 57, starting client 36/50, id: 57
 round 57, starting client 37/50, id: 84
 round 57, starting client 38/50, id: 54
 round 57, starting client 39/50, id: 6
 round 57, starting client 40/50, id: 50
 round 57, starting client 41/50, id: 9
 round 57, starting client 42/50, id: 29
 round 57, starting client 43/50, id: 42
 round 57, starting client 44/50, id: 94
 round 57, starting client 45/50, id: 60
 round 57, starting client 46/50, id: 36
 round 57, starting client 47/50, id: 72
 round 57, starting client 48/50, id: 77
 round 57, starting client 49/50, id: 45
 round 57, starting client 50/50, id: 38
 round 57, validation acc: 0.9745
 starting round 58
 clients: [33 99 23 34 28 91 17 89 94 52 71 49 46 2 11 20 36 41 58 85 42 8 68
 47
 43 29 26 87 54 60 73 84 64 62 66 3 48 21 14 98 18 81 56 86 79 67 65 44
 9 1]
 round 58, starting client 1/50, id: 33
 round 58, starting client 2/50, id: 99
 round 58, starting client 3/50, id: 23
 round 58, starting client 4/50, id: 34
 round 58, starting client 5/50, id: 28
 round 58, starting client 6/50, id: 91
 round 58, starting client 7/50, id: 17
 round 58, starting client 8/50, id: 89
 round 58, starting client 9/50, id: 94
 round 58, starting client 10/50, id: 52
 round 58, starting client 11/50, id: 71
 round 58, starting client 12/50, id: 49
 round 58, starting client 13/50, id: 46
 round 58, starting client 14/50, id: 2
 round 58, starting client 15/50, id: 11
 round 58, starting client 16/50, id: 20
 round 58, starting client 17/50, id: 36
 round 58, starting client 18/50, id: 41
 round 58, starting client 19/50, id: 58
 round 58, starting client 20/50, id: 85
 round 58, starting client 21/50, id: 42
 round 58, starting client 22/50, id: 8
 round 58, starting client 23/50, id: 68
 round 58, starting client 24/50, id: 47

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round 58, starting client 25/50, id: 43
round 58, starting client 26/50, id: 29
round 58, starting client 27/50, id: 26
round 58, starting client 28/50, id: 87
round 58, starting client 29/50, id: 54
round 58, starting client 30/50, id: 60
round 58, starting client 31/50, id: 73
round 58, starting client 32/50, id: 84
round 58, starting client 33/50, id: 64
round 58, starting client 34/50, id: 62
round 58, starting client 35/50, id: 66
round 58, starting client 36/50, id: 3
round 58, starting client 37/50, id: 48
round 58, starting client 38/50, id: 21
round 58, starting client 39/50, id: 14
round 58, starting client 40/50, id: 98
round 58, starting client 41/50, id: 18
round 58, starting client 42/50, id: 81
round 58, starting client 43/50, id: 56
round 58, starting client 44/50, id: 86
round 58, starting client 45/50, id: 79
round 58, starting client 46/50, id: 67
round 58, starting client 47/50, id: 65
round 58, starting client 48/50, id: 44
round 58, starting client 49/50, id: 9
round 58, starting client 50/50, id: 1
round 58, validation acc: 0.9749
starting round 59
clients: [87 32 83 76 34 70 59 30 79 3 26 61 99 68 46 90 95 40 60 1 72 38 29
16
96 53 28 45 88 21 51 94 85 15 52 0 9 50 73 92 24 22 14 86 71 74 78 49
69 4]
round 59, starting client 1/50, id: 87
round 59, starting client 2/50, id: 32
round 59, starting client 3/50, id: 83
round 59, starting client 4/50, id: 76
round 59, starting client 5/50, id: 34
round 59, starting client 6/50, id: 70
round 59, starting client 7/50, id: 59
round 59, starting client 8/50, id: 30
round 59, starting client 9/50, id: 79
round 59, starting client 10/50, id: 3
round 59, starting client 11/50, id: 26
round 59, starting client 12/50, id: 61
round 59, starting client 13/50, id: 99
round 59, starting client 14/50, id: 68
round 59, starting client 15/50, id: 46
round 59, starting client 16/50, id: 90

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round 59, starting client 17/50, id: 95
round 59, starting client 18/50, id: 40
round 59, starting client 19/50, id: 60
round 59, starting client 20/50, id: 1
round 59, starting client 21/50, id: 72
round 59, starting client 22/50, id: 38
round 59, starting client 23/50, id: 29
round 59, starting client 24/50, id: 16
round 59, starting client 25/50, id: 96
round 59, starting client 26/50, id: 53
round 59, starting client 27/50, id: 28
round 59, starting client 28/50, id: 45
round 59, starting client 29/50, id: 88
round 59, starting client 30/50, id: 21
round 59, starting client 31/50, id: 51
round 59, starting client 32/50, id: 94
round 59, starting client 33/50, id: 85
round 59, starting client 34/50, id: 15
round 59, starting client 35/50, id: 52
round 59, starting client 36/50, id: 0
round 59, starting client 37/50, id: 9
round 59, starting client 38/50, id: 50
round 59, starting client 39/50, id: 73
round 59, starting client 40/50, id: 92
round 59, starting client 41/50, id: 24
round 59, starting client 42/50, id: 22
round 59, starting client 43/50, id: 14
round 59, starting client 44/50, id: 86
round 59, starting client 45/50, id: 71
round 59, starting client 46/50, id: 74
round 59, starting client 47/50, id: 78
round 59, starting client 48/50, id: 49
round 59, starting client 49/50, id: 69
round 59, starting client 50/50, id: 4
round 59, validation acc: 0.9754
starting round 60
clients: [34 38 90 87 52 63 49 67 41 12 80 45 79 42 58 96 51 31 88 6 76 28 59
24
32 82 70 47 37 74 50 81 84 16 91 39 10 7 25 23 95 72 18 2 15 20 68 14
35 22]
round 60, starting client 1/50, id: 34
round 60, starting client 2/50, id: 38
round 60, starting client 3/50, id: 90
round 60, starting client 4/50, id: 87
round 60, starting client 5/50, id: 52
round 60, starting client 6/50, id: 63
round 60, starting client 7/50, id: 49
round 60, starting client 8/50, id: 67

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round 60, starting client 9/50, id: 41
round 60, starting client 10/50, id: 12
round 60, starting client 11/50, id: 80
round 60, starting client 12/50, id: 45
round 60, starting client 13/50, id: 79
round 60, starting client 14/50, id: 42
round 60, starting client 15/50, id: 58
round 60, starting client 16/50, id: 96
round 60, starting client 17/50, id: 51
round 60, starting client 18/50, id: 31
round 60, starting client 19/50, id: 88
round 60, starting client 20/50, id: 6
round 60, starting client 21/50, id: 76
round 60, starting client 22/50, id: 28
round 60, starting client 23/50, id: 59
round 60, starting client 24/50, id: 24
round 60, starting client 25/50, id: 32
round 60, starting client 26/50, id: 82
round 60, starting client 27/50, id: 70
round 60, starting client 28/50, id: 47
round 60, starting client 29/50, id: 37
round 60, starting client 30/50, id: 74
round 60, starting client 31/50, id: 50
round 60, starting client 32/50, id: 81
round 60, starting client 33/50, id: 84
round 60, starting client 34/50, id: 16
round 60, starting client 35/50, id: 91
round 60, starting client 36/50, id: 39
round 60, starting client 37/50, id: 10
round 60, starting client 38/50, id: 7
round 60, starting client 39/50, id: 25
round 60, starting client 40/50, id: 23
round 60, starting client 41/50, id: 95
round 60, starting client 42/50, id: 72
round 60, starting client 43/50, id: 18
round 60, starting client 44/50, id: 2
round 60, starting client 45/50, id: 15
round 60, starting client 46/50, id: 20
round 60, starting client 47/50, id: 68
round 60, starting client 48/50, id: 14
round 60, starting client 49/50, id: 35
round 60, starting client 50/50, id: 22
round 60, validation acc: 0.9758
starting round 61
clients: [13 55 8 96 36 27 31 85 95 22 91 51 93 44 94 78 79 42 39 54 29 43 62
83
24 84 98 89 81 21 64 9 0 2 97 6 12 3 15 92 75 74 56 60 58 10 71 25
52 1]

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round 61, starting client 1/50, id: 13
round 61, starting client 2/50, id: 55
round 61, starting client 3/50, id: 8
round 61, starting client 4/50, id: 96
round 61, starting client 5/50, id: 36
round 61, starting client 6/50, id: 27
round 61, starting client 7/50, id: 31
round 61, starting client 8/50, id: 85
round 61, starting client 9/50, id: 95
round 61, starting client 10/50, id: 22
round 61, starting client 11/50, id: 91
round 61, starting client 12/50, id: 51
round 61, starting client 13/50, id: 93
round 61, starting client 14/50, id: 44
round 61, starting client 15/50, id: 94
round 61, starting client 16/50, id: 78
round 61, starting client 17/50, id: 79
round 61, starting client 18/50, id: 42
round 61, starting client 19/50, id: 39
round 61, starting client 20/50, id: 54
round 61, starting client 21/50, id: 29
round 61, starting client 22/50, id: 43
round 61, starting client 23/50, id: 62
round 61, starting client 24/50, id: 83
round 61, starting client 25/50, id: 24
round 61, starting client 26/50, id: 84
round 61, starting client 27/50, id: 98
round 61, starting client 28/50, id: 89
round 61, starting client 29/50, id: 81
round 61, starting client 30/50, id: 21
round 61, starting client 31/50, id: 64
round 61, starting client 32/50, id: 9
round 61, starting client 33/50, id: 0
round 61, starting client 34/50, id: 2
round 61, starting client 35/50, id: 97
round 61, starting client 36/50, id: 6
round 61, starting client 37/50, id: 12
round 61, starting client 38/50, id: 3
round 61, starting client 39/50, id: 15
round 61, starting client 40/50, id: 92
round 61, starting client 41/50, id: 75
round 61, starting client 42/50, id: 74
round 61, starting client 43/50, id: 56
round 61, starting client 44/50, id: 60
round 61, starting client 45/50, id: 58
round 61, starting client 46/50, id: 10
round 61, starting client 47/50, id: 71
round 61, starting client 48/50, id: 25

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round 61, starting client 49/50, id: 52
round 61, starting client 50/50, id: 1
round 61, validation acc: 0.9752
starting round 62
clients: [46 64 69 98 53 29 77 93 45 40 33 74 11 51 10 94 12 83 79 6 5 96 15
42
41 23 9 28 72 31 62 87 0 34 55 57 25 2 91 81 97 8 60 7 38 99 32 21
17 58]
round 62, starting client 1/50, id: 46
round 62, starting client 2/50, id: 64
round 62, starting client 3/50, id: 69
round 62, starting client 4/50, id: 98
round 62, starting client 5/50, id: 53
round 62, starting client 6/50, id: 29
round 62, starting client 7/50, id: 77
round 62, starting client 8/50, id: 93
round 62, starting client 9/50, id: 45
round 62, starting client 10/50, id: 40
round 62, starting client 11/50, id: 33
round 62, starting client 12/50, id: 74
round 62, starting client 13/50, id: 11
round 62, starting client 14/50, id: 51
round 62, starting client 15/50, id: 10
round 62, starting client 16/50, id: 94
round 62, starting client 17/50, id: 12
round 62, starting client 18/50, id: 83
round 62, starting client 19/50, id: 79
round 62, starting client 20/50, id: 6
round 62, starting client 21/50, id: 5
round 62, starting client 22/50, id: 96
round 62, starting client 23/50, id: 15
round 62, starting client 24/50, id: 42
round 62, starting client 25/50, id: 41
round 62, starting client 26/50, id: 23
round 62, starting client 27/50, id: 9
round 62, starting client 28/50, id: 28
round 62, starting client 29/50, id: 72
round 62, starting client 30/50, id: 31
round 62, starting client 31/50, id: 62
round 62, starting client 32/50, id: 87
round 62, starting client 33/50, id: 0
round 62, starting client 34/50, id: 34
round 62, starting client 35/50, id: 55
round 62, starting client 36/50, id: 57
round 62, starting client 37/50, id: 25
round 62, starting client 38/50, id: 2
round 62, starting client 39/50, id: 91
round 62, starting client 40/50, id: 81

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round 62, starting client 41/50, id: 97
round 62, starting client 42/50, id: 8
round 62, starting client 43/50, id: 60
round 62, starting client 44/50, id: 7
round 62, starting client 45/50, id: 38
round 62, starting client 46/50, id: 99
round 62, starting client 47/50, id: 32
round 62, starting client 48/50, id: 21
round 62, starting client 49/50, id: 17
round 62, starting client 50/50, id: 58
round 62, validation acc: 0.9758
starting round 63
clients: [59 87 34 21 88 82 31 12 37 70 90 48 9 72 80 83 68 93 95 65 52 61 85
27
58 57 69 38 13 3 86 8 47 62 32 11 55 36 41 99 89 10 66 14 15 0 49 1
64 18]
round 63, starting client 1/50, id: 59
round 63, starting client 2/50, id: 87
round 63, starting client 3/50, id: 34
round 63, starting client 4/50, id: 21
round 63, starting client 5/50, id: 88
round 63, starting client 6/50, id: 82
round 63, starting client 7/50, id: 31
round 63, starting client 8/50, id: 12
round 63, starting client 9/50, id: 37
round 63, starting client 10/50, id: 70
round 63, starting client 11/50, id: 90
round 63, starting client 12/50, id: 48
round 63, starting client 13/50, id: 9
round 63, starting client 14/50, id: 72
round 63, starting client 15/50, id: 80
round 63, starting client 16/50, id: 83
round 63, starting client 17/50, id: 68
round 63, starting client 18/50, id: 93
round 63, starting client 19/50, id: 95
round 63, starting client 20/50, id: 65
round 63, starting client 21/50, id: 52
round 63, starting client 22/50, id: 61
round 63, starting client 23/50, id: 85
round 63, starting client 24/50, id: 27
round 63, starting client 25/50, id: 58
round 63, starting client 26/50, id: 57
round 63, starting client 27/50, id: 69
round 63, starting client 28/50, id: 38
round 63, starting client 29/50, id: 13
round 63, starting client 30/50, id: 3
round 63, starting client 31/50, id: 86
round 63, starting client 32/50, id: 8

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round 63, starting client 33/50, id: 47
round 63, starting client 34/50, id: 62
round 63, starting client 35/50, id: 32
round 63, starting client 36/50, id: 11
round 63, starting client 37/50, id: 55
round 63, starting client 38/50, id: 36
round 63, starting client 39/50, id: 41
round 63, starting client 40/50, id: 99
round 63, starting client 41/50, id: 89
round 63, starting client 42/50, id: 10
round 63, starting client 43/50, id: 66
round 63, starting client 44/50, id: 14
round 63, starting client 45/50, id: 15
round 63, starting client 46/50, id: 0
round 63, starting client 47/50, id: 49
round 63, starting client 48/50, id: 1
round 63, starting client 49/50, id: 64
round 63, starting client 50/50, id: 18
round 63, validation acc: 0.9764
starting round 64
clients: [ 6 37 45 61 56 67 46 39 83 41 82 19 73 33 81 75 10 66  4 78 38 11 80
90
 59 44 15 18  5 65 36 51 97  0 68 26  1 35 54 40 16 70  7 87 86 34 96 71
72 76]
round 64, starting client 1/50, id: 6
round 64, starting client 2/50, id: 37
round 64, starting client 3/50, id: 45
round 64, starting client 4/50, id: 61
round 64, starting client 5/50, id: 56
round 64, starting client 6/50, id: 67
round 64, starting client 7/50, id: 46
round 64, starting client 8/50, id: 39
round 64, starting client 9/50, id: 83
round 64, starting client 10/50, id: 41
round 64, starting client 11/50, id: 82
round 64, starting client 12/50, id: 19
round 64, starting client 13/50, id: 73
round 64, starting client 14/50, id: 33
round 64, starting client 15/50, id: 81
round 64, starting client 16/50, id: 75
round 64, starting client 17/50, id: 10
round 64, starting client 18/50, id: 66
round 64, starting client 19/50, id: 4
round 64, starting client 20/50, id: 78
round 64, starting client 21/50, id: 38
round 64, starting client 22/50, id: 11
round 64, starting client 23/50, id: 80
round 64, starting client 24/50, id: 90

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round 64, starting client 25/50, id: 59
round 64, starting client 26/50, id: 44
round 64, starting client 27/50, id: 15
round 64, starting client 28/50, id: 18
round 64, starting client 29/50, id: 5
round 64, starting client 30/50, id: 65
round 64, starting client 31/50, id: 36
round 64, starting client 32/50, id: 51
round 64, starting client 33/50, id: 97
round 64, starting client 34/50, id: 0
round 64, starting client 35/50, id: 68
round 64, starting client 36/50, id: 26
round 64, starting client 37/50, id: 1
round 64, starting client 38/50, id: 35
round 64, starting client 39/50, id: 54
round 64, starting client 40/50, id: 40
round 64, starting client 41/50, id: 16
round 64, starting client 42/50, id: 70
round 64, starting client 43/50, id: 7
round 64, starting client 44/50, id: 87
round 64, starting client 45/50, id: 86
round 64, starting client 46/50, id: 34
round 64, starting client 47/50, id: 96
round 64, starting client 48/50, id: 71
round 64, starting client 49/50, id: 72
round 64, starting client 50/50, id: 76
round 64, validation acc: 0.9762
starting round 65
clients: [40 16 91 9 45 55 38 49 48 37 28 32 82 84 87 17 76 89 5 52 14 30 83
35
77 92 81 72 23 68 20 3 61 6 21 4 50 56 31 63 8 2 46 33 75 90 99 51
7 24]
round 65, starting client 1/50, id: 40
round 65, starting client 2/50, id: 16
round 65, starting client 3/50, id: 91
round 65, starting client 4/50, id: 9
round 65, starting client 5/50, id: 45
round 65, starting client 6/50, id: 55
round 65, starting client 7/50, id: 38
round 65, starting client 8/50, id: 49
round 65, starting client 9/50, id: 48
round 65, starting client 10/50, id: 37
round 65, starting client 11/50, id: 28
round 65, starting client 12/50, id: 32
round 65, starting client 13/50, id: 82
round 65, starting client 14/50, id: 84
round 65, starting client 15/50, id: 87
round 65, starting client 16/50, id: 17

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round 65, starting client 17/50, id: 76
round 65, starting client 18/50, id: 89
round 65, starting client 19/50, id: 5
round 65, starting client 20/50, id: 52
round 65, starting client 21/50, id: 14
round 65, starting client 22/50, id: 30
round 65, starting client 23/50, id: 83
round 65, starting client 24/50, id: 35
round 65, starting client 25/50, id: 77
round 65, starting client 26/50, id: 92
round 65, starting client 27/50, id: 81
round 65, starting client 28/50, id: 72
round 65, starting client 29/50, id: 23
round 65, starting client 30/50, id: 68
round 65, starting client 31/50, id: 20
round 65, starting client 32/50, id: 3
round 65, starting client 33/50, id: 61
round 65, starting client 34/50, id: 6
round 65, starting client 35/50, id: 21
round 65, starting client 36/50, id: 4
round 65, starting client 37/50, id: 50
round 65, starting client 38/50, id: 56
round 65, starting client 39/50, id: 31
round 65, starting client 40/50, id: 63
round 65, starting client 41/50, id: 8
round 65, starting client 42/50, id: 2
round 65, starting client 43/50, id: 46
round 65, starting client 44/50, id: 33
round 65, starting client 45/50, id: 75
round 65, starting client 46/50, id: 90
round 65, starting client 47/50, id: 99
round 65, starting client 48/50, id: 51
round 65, starting client 49/50, id: 7
round 65, starting client 50/50, id: 24
round 65, validation acc: 0.9757
starting round 66
clients: [76 51 6 58 49 45 0 92 39 85 60 97 22 38 57 74 68 80 86 33 90 67 59
94
27 99 72 18 34 2 29 54 95 23 96 9 55 78 41 21 79 40 44 66 3 19 26 73
11 63]
round 66, starting client 1/50, id: 76
round 66, starting client 2/50, id: 51
round 66, starting client 3/50, id: 6
round 66, starting client 4/50, id: 58
round 66, starting client 5/50, id: 49
round 66, starting client 6/50, id: 45
round 66, starting client 7/50, id: 0
round 66, starting client 8/50, id: 92

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round 66, starting client 9/50, id: 39
round 66, starting client 10/50, id: 85
round 66, starting client 11/50, id: 60
round 66, starting client 12/50, id: 97
round 66, starting client 13/50, id: 22
round 66, starting client 14/50, id: 38
round 66, starting client 15/50, id: 57
round 66, starting client 16/50, id: 74
round 66, starting client 17/50, id: 68
round 66, starting client 18/50, id: 80
round 66, starting client 19/50, id: 86
round 66, starting client 20/50, id: 33
round 66, starting client 21/50, id: 90
round 66, starting client 22/50, id: 67
round 66, starting client 23/50, id: 59
round 66, starting client 24/50, id: 94
round 66, starting client 25/50, id: 27
round 66, starting client 26/50, id: 99
round 66, starting client 27/50, id: 72
round 66, starting client 28/50, id: 18
round 66, starting client 29/50, id: 34
round 66, starting client 30/50, id: 2
round 66, starting client 31/50, id: 29
round 66, starting client 32/50, id: 54
round 66, starting client 33/50, id: 95
round 66, starting client 34/50, id: 23
round 66, starting client 35/50, id: 96
round 66, starting client 36/50, id: 9
round 66, starting client 37/50, id: 55
round 66, starting client 38/50, id: 78
round 66, starting client 39/50, id: 41
round 66, starting client 40/50, id: 21
round 66, starting client 41/50, id: 79
round 66, starting client 42/50, id: 40
round 66, starting client 43/50, id: 44
round 66, starting client 44/50, id: 66
round 66, starting client 45/50, id: 3
round 66, starting client 46/50, id: 19
round 66, starting client 47/50, id: 26
round 66, starting client 48/50, id: 73
round 66, starting client 49/50, id: 11
round 66, starting client 50/50, id: 63
round 66, validation acc: 0.9767
starting round 67
clients: [59 57 0 71 38 36 18 46 65 16 60 29 76 97 88 64 43 7 31 86 92 74 1
53
77 68 69 41 25 95 87 81 58 17 61 13 23 82 35 12 14 98 89 62 44 49 2 83
79 8]

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round 67, starting client 1/50, id: 59
round 67, starting client 2/50, id: 57
round 67, starting client 3/50, id: 0
round 67, starting client 4/50, id: 71
round 67, starting client 5/50, id: 38
round 67, starting client 6/50, id: 36
round 67, starting client 7/50, id: 18
round 67, starting client 8/50, id: 46
round 67, starting client 9/50, id: 65
round 67, starting client 10/50, id: 16
round 67, starting client 11/50, id: 60
round 67, starting client 12/50, id: 29
round 67, starting client 13/50, id: 76
round 67, starting client 14/50, id: 97
round 67, starting client 15/50, id: 88
round 67, starting client 16/50, id: 64
round 67, starting client 17/50, id: 43
round 67, starting client 18/50, id: 7
round 67, starting client 19/50, id: 31
round 67, starting client 20/50, id: 86
round 67, starting client 21/50, id: 92
round 67, starting client 22/50, id: 74
round 67, starting client 23/50, id: 1
round 67, starting client 24/50, id: 53
round 67, starting client 25/50, id: 77
round 67, starting client 26/50, id: 68
round 67, starting client 27/50, id: 69
round 67, starting client 28/50, id: 41
round 67, starting client 29/50, id: 25
round 67, starting client 30/50, id: 95
round 67, starting client 31/50, id: 87
round 67, starting client 32/50, id: 81
round 67, starting client 33/50, id: 58
round 67, starting client 34/50, id: 17
round 67, starting client 35/50, id: 61
round 67, starting client 36/50, id: 13
round 67, starting client 37/50, id: 23
round 67, starting client 38/50, id: 82
round 67, starting client 39/50, id: 35
round 67, starting client 40/50, id: 12
round 67, starting client 41/50, id: 14
round 67, starting client 42/50, id: 98
round 67, starting client 43/50, id: 89
round 67, starting client 44/50, id: 62
round 67, starting client 45/50, id: 44
round 67, starting client 46/50, id: 49
round 67, starting client 47/50, id: 2
round 67, starting client 48/50, id: 83


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round 67, starting client 49/50, id: 79
round 67, starting client 50/50, id: 8
round 67, validation acc: 0.9767
starting round 68
clients: [72 93 81 42 91 41 48 63 56 21 84 15 98 51 40 58 29 28 17 20 88 89 27
97
90 33 95 4 59 62 74 22 65 45 24 12 25 99 67 14 47 44 68 8 79 39 36 32
55 76]
round 68, starting client 1/50, id: 72
round 68, starting client 2/50, id: 93
round 68, starting client 3/50, id: 81
round 68, starting client 4/50, id: 42
round 68, starting client 5/50, id: 91
round 68, starting client 6/50, id: 41
round 68, starting client 7/50, id: 48
round 68, starting client 8/50, id: 63
round 68, starting client 9/50, id: 56
round 68, starting client 10/50, id: 21
round 68, starting client 11/50, id: 84
round 68, starting client 12/50, id: 15
round 68, starting client 13/50, id: 98
round 68, starting client 14/50, id: 51
round 68, starting client 15/50, id: 40
round 68, starting client 16/50, id: 58
round 68, starting client 17/50, id: 29
round 68, starting client 18/50, id: 28
round 68, starting client 19/50, id: 17
round 68, starting client 20/50, id: 20
round 68, starting client 21/50, id: 88
round 68, starting client 22/50, id: 89
round 68, starting client 23/50, id: 27
round 68, starting client 24/50, id: 97
round 68, starting client 25/50, id: 90
round 68, starting client 26/50, id: 33
round 68, starting client 27/50, id: 95
round 68, starting client 28/50, id: 4
round 68, starting client 29/50, id: 59
round 68, starting client 30/50, id: 62
round 68, starting client 31/50, id: 74
round 68, starting client 32/50, id: 22
round 68, starting client 33/50, id: 65
round 68, starting client 34/50, id: 45
round 68, starting client 35/50, id: 24
round 68, starting client 36/50, id: 12
round 68, starting client 37/50, id: 25
round 68, starting client 38/50, id: 99
round 68, starting client 39/50, id: 67
round 68, starting client 40/50, id: 14

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round 68, starting client 41/50, id: 47
round 68, starting client 42/50, id: 44
round 68, starting client 43/50, id: 68
round 68, starting client 44/50, id: 8
round 68, starting client 45/50, id: 79
round 68, starting client 46/50, id: 39
round 68, starting client 47/50, id: 36
round 68, starting client 48/50, id: 32
round 68, starting client 49/50, id: 55
round 68, starting client 50/50, id: 76
round 68, validation acc: 0.9773
starting round 69
clients: [23 12 90 61 76 75 13 95 36 26 27 1 58 44 42 93 85 16 47 28 78 37 3
77
84 63 43 39 53 52 69 17 30 94 55 74 92 51 25 14 5 50 20 8 65 29 24 96
66 48]
round 69, starting client 1/50, id: 23
round 69, starting client 2/50, id: 12
round 69, starting client 3/50, id: 90
round 69, starting client 4/50, id: 61
round 69, starting client 5/50, id: 76
round 69, starting client 6/50, id: 75
round 69, starting client 7/50, id: 13
round 69, starting client 8/50, id: 95
round 69, starting client 9/50, id: 36
round 69, starting client 10/50, id: 26
round 69, starting client 11/50, id: 27
round 69, starting client 12/50, id: 1
round 69, starting client 13/50, id: 58
round 69, starting client 14/50, id: 44
round 69, starting client 15/50, id: 42
round 69, starting client 16/50, id: 93
round 69, starting client 17/50, id: 85
round 69, starting client 18/50, id: 16
round 69, starting client 19/50, id: 47
round 69, starting client 20/50, id: 28
round 69, starting client 21/50, id: 78
round 69, starting client 22/50, id: 37
round 69, starting client 23/50, id: 3
round 69, starting client 24/50, id: 77
round 69, starting client 25/50, id: 84
round 69, starting client 26/50, id: 63
round 69, starting client 27/50, id: 43
round 69, starting client 28/50, id: 39
round 69, starting client 29/50, id: 53
round 69, starting client 30/50, id: 52
round 69, starting client 31/50, id: 69
round 69, starting client 32/50, id: 17

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round 69, starting client 33/50, id: 30
round 69, starting client 34/50, id: 94
round 69, starting client 35/50, id: 55
round 69, starting client 36/50, id: 74
round 69, starting client 37/50, id: 92
round 69, starting client 38/50, id: 51
round 69, starting client 39/50, id: 25
round 69, starting client 40/50, id: 14
round 69, starting client 41/50, id: 5
round 69, starting client 42/50, id: 50
round 69, starting client 43/50, id: 20
round 69, starting client 44/50, id: 8
round 69, starting client 45/50, id: 65
round 69, starting client 46/50, id: 29
round 69, starting client 47/50, id: 24
round 69, starting client 48/50, id: 96
round 69, starting client 49/50, id: 66
round 69, starting client 50/50, id: 48
round 69, validation acc: 0.9778
starting round 70
clients: [68 41 62 56 29 60 46 53 25 45 75 44 14 36 26 12 8 6 2 5 15 93 99
32
9 78 82 39 85 71 91 28 30 89 43 90 88 59 97 81 79 51 74 33 10 24 18 27
38 76]
round 70, starting client 1/50, id: 68
round 70, starting client 2/50, id: 41
round 70, starting client 3/50, id: 62
round 70, starting client 4/50, id: 56
round 70, starting client 5/50, id: 29
round 70, starting client 6/50, id: 60
round 70, starting client 7/50, id: 46
round 70, starting client 8/50, id: 53
round 70, starting client 9/50, id: 25
round 70, starting client 10/50, id: 45
round 70, starting client 11/50, id: 75
round 70, starting client 12/50, id: 44
round 70, starting client 13/50, id: 14
round 70, starting client 14/50, id: 36
round 70, starting client 15/50, id: 26
round 70, starting client 16/50, id: 12
round 70, starting client 17/50, id: 8
round 70, starting client 18/50, id: 6
round 70, starting client 19/50, id: 2
round 70, starting client 20/50, id: 5
round 70, starting client 21/50, id: 15
round 70, starting client 22/50, id: 93
round 70, starting client 23/50, id: 99
round 70, starting client 24/50, id: 32

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round 70, starting client 25/50, id: 9
round 70, starting client 26/50, id: 78
round 70, starting client 27/50, id: 82
round 70, starting client 28/50, id: 39
round 70, starting client 29/50, id: 85
round 70, starting client 30/50, id: 71
round 70, starting client 31/50, id: 91
round 70, starting client 32/50, id: 28
round 70, starting client 33/50, id: 30
round 70, starting client 34/50, id: 89
round 70, starting client 35/50, id: 43
round 70, starting client 36/50, id: 90
round 70, starting client 37/50, id: 88
round 70, starting client 38/50, id: 59
round 70, starting client 39/50, id: 97
round 70, starting client 40/50, id: 81
round 70, starting client 41/50, id: 79
round 70, starting client 42/50, id: 51
round 70, starting client 43/50, id: 74
round 70, starting client 44/50, id: 33
round 70, starting client 45/50, id: 10
round 70, starting client 46/50, id: 24
round 70, starting client 47/50, id: 18
round 70, starting client 48/50, id: 27
round 70, starting client 49/50, id: 38
round 70, starting client 50/50, id: 76
round 70, validation acc: 0.9779
starting round 71
clients: [73 28 18 43 25 37 98 32 70 38 46 15 52 87 81 57 41 35 16 74 54 6 0
63
47 24 4 69 68 61 82 64 42 62 45 14 76 56 91 34 94 55 13 93 2 92 90 89
29 31]
round 71, starting client 1/50, id: 73
round 71, starting client 2/50, id: 28
round 71, starting client 3/50, id: 18
round 71, starting client 4/50, id: 43
round 71, starting client 5/50, id: 25
round 71, starting client 6/50, id: 37
round 71, starting client 7/50, id: 98
round 71, starting client 8/50, id: 32
round 71, starting client 9/50, id: 70
round 71, starting client 10/50, id: 38
round 71, starting client 11/50, id: 46
round 71, starting client 12/50, id: 15
round 71, starting client 13/50, id: 52
round 71, starting client 14/50, id: 87
round 71, starting client 15/50, id: 81
round 71, starting client 16/50, id: 57

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round 71, starting client 17/50, id: 41
round 71, starting client 18/50, id: 35
round 71, starting client 19/50, id: 16
round 71, starting client 20/50, id: 74
round 71, starting client 21/50, id: 54
round 71, starting client 22/50, id: 6
round 71, starting client 23/50, id: 0
round 71, starting client 24/50, id: 63
round 71, starting client 25/50, id: 47
round 71, starting client 26/50, id: 24
round 71, starting client 27/50, id: 4
round 71, starting client 28/50, id: 69
round 71, starting client 29/50, id: 68
round 71, starting client 30/50, id: 61
round 71, starting client 31/50, id: 82
round 71, starting client 32/50, id: 64
round 71, starting client 33/50, id: 42
round 71, starting client 34/50, id: 62
round 71, starting client 35/50, id: 45
round 71, starting client 36/50, id: 14
round 71, starting client 37/50, id: 76
round 71, starting client 38/50, id: 56
round 71, starting client 39/50, id: 91
round 71, starting client 40/50, id: 34
round 71, starting client 41/50, id: 94
round 71, starting client 42/50, id: 55
round 71, starting client 43/50, id: 13
round 71, starting client 44/50, id: 93
round 71, starting client 45/50, id: 2
round 71, starting client 46/50, id: 92
round 71, starting client 47/50, id: 90
round 71, starting client 48/50, id: 89
round 71, starting client 49/50, id: 29
round 71, starting client 50/50, id: 31
round 71, validation acc: 0.9771
starting round 72
clients: [90 42 54 27 96 32 36 68 41 92 73 91  9 61 63 97  8 50 86 56 62 59 69
2
 1 53 93 87 71 79 84  4 66 82 83 81 58 25  0 88 38  3 64 74  7 80 67 23
29 34]
round 72, starting client 1/50, id: 90
round 72, starting client 2/50, id: 42
round 72, starting client 3/50, id: 54
round 72, starting client 4/50, id: 27
round 72, starting client 5/50, id: 96
round 72, starting client 6/50, id: 32
round 72, starting client 7/50, id: 36
round 72, starting client 8/50, id: 68

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round 72, starting client 9/50, id: 41
round 72, starting client 10/50, id: 92
round 72, starting client 11/50, id: 73
round 72, starting client 12/50, id: 91
round 72, starting client 13/50, id: 9
round 72, starting client 14/50, id: 61
round 72, starting client 15/50, id: 63
round 72, starting client 16/50, id: 97
round 72, starting client 17/50, id: 8
round 72, starting client 18/50, id: 50
round 72, starting client 19/50, id: 86
round 72, starting client 20/50, id: 56
round 72, starting client 21/50, id: 62
round 72, starting client 22/50, id: 59
round 72, starting client 23/50, id: 69
round 72, starting client 24/50, id: 2
round 72, starting client 25/50, id: 1
round 72, starting client 26/50, id: 53
round 72, starting client 27/50, id: 93
round 72, starting client 28/50, id: 87
round 72, starting client 29/50, id: 71
round 72, starting client 30/50, id: 79
round 72, starting client 31/50, id: 84
round 72, starting client 32/50, id: 4
round 72, starting client 33/50, id: 66
round 72, starting client 34/50, id: 82
round 72, starting client 35/50, id: 83
round 72, starting client 36/50, id: 81
round 72, starting client 37/50, id: 58
round 72, starting client 38/50, id: 25
round 72, starting client 39/50, id: 0
round 72, starting client 40/50, id: 88
round 72, starting client 41/50, id: 38
round 72, starting client 42/50, id: 3
round 72, starting client 43/50, id: 64
round 72, starting client 44/50, id: 74
round 72, starting client 45/50, id: 7
round 72, starting client 46/50, id: 80
round 72, starting client 47/50, id: 67
round 72, starting client 48/50, id: 23
round 72, starting client 49/50, id: 29
round 72, starting client 50/50, id: 34
round 72, validation acc: 0.9771
starting round 73
clients: [ 0 81 58 3 26 66 6 50 76 57 87 64 96 1 35 97 86 41 37 94 88 95 8
30
62 85 98 93 51 70 44 13 68 25 9 46 83 77 84 56 53 72 28 16 54 10 55 33
78 49]

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round 73, starting client 1/50, id: 0
round 73, starting client 2/50, id: 81
round 73, starting client 3/50, id: 58
round 73, starting client 4/50, id: 3
round 73, starting client 5/50, id: 26
round 73, starting client 6/50, id: 66
round 73, starting client 7/50, id: 6
round 73, starting client 8/50, id: 50
round 73, starting client 9/50, id: 76
round 73, starting client 10/50, id: 57
round 73, starting client 11/50, id: 87
round 73, starting client 12/50, id: 64
round 73, starting client 13/50, id: 96
round 73, starting client 14/50, id: 1
round 73, starting client 15/50, id: 35
round 73, starting client 16/50, id: 97
round 73, starting client 17/50, id: 86
round 73, starting client 18/50, id: 41
round 73, starting client 19/50, id: 37
round 73, starting client 20/50, id: 94
round 73, starting client 21/50, id: 88
round 73, starting client 22/50, id: 95
round 73, starting client 23/50, id: 8
round 73, starting client 24/50, id: 30
round 73, starting client 25/50, id: 62
round 73, starting client 26/50, id: 85
round 73, starting client 27/50, id: 98
round 73, starting client 28/50, id: 93
round 73, starting client 29/50, id: 51
round 73, starting client 30/50, id: 70
round 73, starting client 31/50, id: 44
round 73, starting client 32/50, id: 13
round 73, starting client 33/50, id: 68
round 73, starting client 34/50, id: 25
round 73, starting client 35/50, id: 9
round 73, starting client 36/50, id: 46
round 73, starting client 37/50, id: 83
round 73, starting client 38/50, id: 77
round 73, starting client 39/50, id: 84
round 73, starting client 40/50, id: 56
round 73, starting client 41/50, id: 53
round 73, starting client 42/50, id: 72
round 73, starting client 43/50, id: 28
round 73, starting client 44/50, id: 16
round 73, starting client 45/50, id: 54
round 73, starting client 46/50, id: 10
round 73, starting client 47/50, id: 55
round 73, starting client 48/50, id: 33

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round 73, starting client 49/50, id: 78
round 73, starting client 50/50, id: 49
round 73, validation acc: 0.9775
starting round 74
clients: [40  5 16 70 89 76 44 74 34 13 99 24 46 72 29 93 50  0 80 62 23 60 87
94
 86 12 66 95 22  6 10 68 78 88 98  7 37 14 39 30 71 67  3 11 35  4 54 27
42 63]
round 74, starting client 1/50, id: 40
round 74, starting client 2/50, id: 5
round 74, starting client 3/50, id: 16
round 74, starting client 4/50, id: 70
round 74, starting client 5/50, id: 89
round 74, starting client 6/50, id: 76
round 74, starting client 7/50, id: 44
round 74, starting client 8/50, id: 74
round 74, starting client 9/50, id: 34
round 74, starting client 10/50, id: 13
round 74, starting client 11/50, id: 99
round 74, starting client 12/50, id: 24
round 74, starting client 13/50, id: 46
round 74, starting client 14/50, id: 72
round 74, starting client 15/50, id: 29
round 74, starting client 16/50, id: 93
round 74, starting client 17/50, id: 50
round 74, starting client 18/50, id: 0
round 74, starting client 19/50, id: 80
round 74, starting client 20/50, id: 62
round 74, starting client 21/50, id: 23
round 74, starting client 22/50, id: 60
round 74, starting client 23/50, id: 87
round 74, starting client 24/50, id: 94
round 74, starting client 25/50, id: 86
round 74, starting client 26/50, id: 12
round 74, starting client 27/50, id: 66
round 74, starting client 28/50, id: 95
round 74, starting client 29/50, id: 22
round 74, starting client 30/50, id: 6
round 74, starting client 31/50, id: 10
round 74, starting client 32/50, id: 68
round 74, starting client 33/50, id: 78
round 74, starting client 34/50, id: 88
round 74, starting client 35/50, id: 98
round 74, starting client 36/50, id: 7
round 74, starting client 37/50, id: 37
round 74, starting client 38/50, id: 14
round 74, starting client 39/50, id: 39
round 74, starting client 40/50, id: 30

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round 74, starting client 41/50, id: 71
round 74, starting client 42/50, id: 67
round 74, starting client 43/50, id: 3
round 74, starting client 44/50, id: 11
round 74, starting client 45/50, id: 35
round 74, starting client 46/50, id: 4
round 74, starting client 47/50, id: 54
round 74, starting client 48/50, id: 27
round 74, starting client 49/50, id: 42
round 74, starting client 50/50, id: 63
round 74, validation acc: 0.9776
starting round 75
clients: [81 26 71 72 14 27 69 20 70 78 24 36 52 61 47 32 91 42 6 29 85 50 44
39
54 15 68 99 87 60 94 93 73 4 31 51 13 66 30 84 83 74 67 53 57 62 79 65
37 9]
round 75, starting client 1/50, id: 81
round 75, starting client 2/50, id: 26
round 75, starting client 3/50, id: 71
round 75, starting client 4/50, id: 72
round 75, starting client 5/50, id: 14
round 75, starting client 6/50, id: 27
round 75, starting client 7/50, id: 69
round 75, starting client 8/50, id: 20
round 75, starting client 9/50, id: 70
round 75, starting client 10/50, id: 78
round 75, starting client 11/50, id: 24
round 75, starting client 12/50, id: 36
round 75, starting client 13/50, id: 52
round 75, starting client 14/50, id: 61
round 75, starting client 15/50, id: 47
round 75, starting client 16/50, id: 32
round 75, starting client 17/50, id: 91
round 75, starting client 18/50, id: 42
round 75, starting client 19/50, id: 6
round 75, starting client 20/50, id: 29
round 75, starting client 21/50, id: 85
round 75, starting client 22/50, id: 50
round 75, starting client 23/50, id: 44
round 75, starting client 24/50, id: 39
round 75, starting client 25/50, id: 54
round 75, starting client 26/50, id: 15
round 75, starting client 27/50, id: 68
round 75, starting client 28/50, id: 99
round 75, starting client 29/50, id: 87
round 75, starting client 30/50, id: 60
round 75, starting client 31/50, id: 94
round 75, starting client 32/50, id: 93

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round 75, starting client 33/50, id: 73
round 75, starting client 34/50, id: 4
round 75, starting client 35/50, id: 31
round 75, starting client 36/50, id: 51
round 75, starting client 37/50, id: 13
round 75, starting client 38/50, id: 66
round 75, starting client 39/50, id: 30
round 75, starting client 40/50, id: 84
round 75, starting client 41/50, id: 83
round 75, starting client 42/50, id: 74
round 75, starting client 43/50, id: 67
round 75, starting client 44/50, id: 53
round 75, starting client 45/50, id: 57
round 75, starting client 46/50, id: 62
round 75, starting client 47/50, id: 79
round 75, starting client 48/50, id: 65
round 75, starting client 49/50, id: 37
round 75, starting client 50/50, id: 9
round 75, validation acc: 0.9783
starting round 76
clients: [99 40 4 23 76 0 62 13 96 53 59 37 8 63 36 42 46 91 61 21 7 97 70
29
95 80 1 89 50 49 15 14 17 27 32 93 86 78 43 64 19 66 58 28 11 33 83 16
12 3]
round 76, starting client 1/50, id: 99
round 76, starting client 2/50, id: 40
round 76, starting client 3/50, id: 4
round 76, starting client 4/50, id: 23
round 76, starting client 5/50, id: 76
round 76, starting client 6/50, id: 0
round 76, starting client 7/50, id: 62
round 76, starting client 8/50, id: 13
round 76, starting client 9/50, id: 96
round 76, starting client 10/50, id: 53
round 76, starting client 11/50, id: 59
round 76, starting client 12/50, id: 37
round 76, starting client 13/50, id: 8
round 76, starting client 14/50, id: 63
round 76, starting client 15/50, id: 36
round 76, starting client 16/50, id: 42
round 76, starting client 17/50, id: 46
round 76, starting client 18/50, id: 91
round 76, starting client 19/50, id: 61
round 76, starting client 20/50, id: 21
round 76, starting client 21/50, id: 7
round 76, starting client 22/50, id: 97
round 76, starting client 23/50, id: 70
round 76, starting client 24/50, id: 29

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round 76, starting client 25/50, id: 95
round 76, starting client 26/50, id: 80
round 76, starting client 27/50, id: 1
round 76, starting client 28/50, id: 89
round 76, starting client 29/50, id: 50
round 76, starting client 30/50, id: 49
round 76, starting client 31/50, id: 15
round 76, starting client 32/50, id: 14
round 76, starting client 33/50, id: 17
round 76, starting client 34/50, id: 27
round 76, starting client 35/50, id: 32
round 76, starting client 36/50, id: 93
round 76, starting client 37/50, id: 86
round 76, starting client 38/50, id: 78
round 76, starting client 39/50, id: 43
round 76, starting client 40/50, id: 64
round 76, starting client 41/50, id: 19
round 76, starting client 42/50, id: 66
round 76, starting client 43/50, id: 58
round 76, starting client 44/50, id: 28
round 76, starting client 45/50, id: 11
round 76, starting client 46/50, id: 33
round 76, starting client 47/50, id: 83
round 76, starting client 48/50, id: 16
round 76, starting client 49/50, id: 12
round 76, starting client 50/50, id: 3
round 76, validation acc: 0.9778
starting round 77
clients: [ 2 32 13 6 43 25 80 57 88 87 78 51 84 69 82 65 17 86 74 45 11 58 53
27
90 63 92 70 97 41 28 73 52 21 98 62 26 77 23 29 15 54 19 71 7 59 96 50
33 95]
round 77, starting client 1/50, id: 2
round 77, starting client 2/50, id: 32
round 77, starting client 3/50, id: 13
round 77, starting client 4/50, id: 6
round 77, starting client 5/50, id: 43
round 77, starting client 6/50, id: 25
round 77, starting client 7/50, id: 80
round 77, starting client 8/50, id: 57
round 77, starting client 9/50, id: 88
round 77, starting client 10/50, id: 87
round 77, starting client 11/50, id: 78
round 77, starting client 12/50, id: 51
round 77, starting client 13/50, id: 84
round 77, starting client 14/50, id: 69
round 77, starting client 15/50, id: 82
round 77, starting client 16/50, id: 65

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round 77, starting client 17/50, id: 17
round 77, starting client 18/50, id: 86
round 77, starting client 19/50, id: 74
round 77, starting client 20/50, id: 45
round 77, starting client 21/50, id: 11
round 77, starting client 22/50, id: 58
round 77, starting client 23/50, id: 53
round 77, starting client 24/50, id: 27
round 77, starting client 25/50, id: 90
round 77, starting client 26/50, id: 63
round 77, starting client 27/50, id: 92
round 77, starting client 28/50, id: 70
round 77, starting client 29/50, id: 97
round 77, starting client 30/50, id: 41
round 77, starting client 31/50, id: 28
round 77, starting client 32/50, id: 73
round 77, starting client 33/50, id: 52
round 77, starting client 34/50, id: 21
round 77, starting client 35/50, id: 98
round 77, starting client 36/50, id: 62
round 77, starting client 37/50, id: 26
round 77, starting client 38/50, id: 77
round 77, starting client 39/50, id: 23
round 77, starting client 40/50, id: 29
round 77, starting client 41/50, id: 15
round 77, starting client 42/50, id: 54
round 77, starting client 43/50, id: 19
round 77, starting client 44/50, id: 71
round 77, starting client 45/50, id: 7
round 77, starting client 46/50, id: 59
round 77, starting client 47/50, id: 96
round 77, starting client 48/50, id: 50
round 77, starting client 49/50, id: 33
round 77, starting client 50/50, id: 95
round 77, validation acc: 0.9781
starting round 78
clients: [31 45 38 34 83 25 24 46 16 43 12 71 97 73 8 21 42 65 26 96 52 13 41
53
57 66 79 78 59 1 90 30 95 23 74 86 39 36 22 77 64 94 7 58 33 4 48 62
29 27]
round 78, starting client 1/50, id: 31
round 78, starting client 2/50, id: 45
round 78, starting client 3/50, id: 38
round 78, starting client 4/50, id: 34
round 78, starting client 5/50, id: 83
round 78, starting client 6/50, id: 25
round 78, starting client 7/50, id: 24
round 78, starting client 8/50, id: 46

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round 78, starting client 9/50, id: 16
round 78, starting client 10/50, id: 43
round 78, starting client 11/50, id: 12
round 78, starting client 12/50, id: 71
round 78, starting client 13/50, id: 97
round 78, starting client 14/50, id: 73
round 78, starting client 15/50, id: 8
round 78, starting client 16/50, id: 21
round 78, starting client 17/50, id: 42
round 78, starting client 18/50, id: 65
round 78, starting client 19/50, id: 26
round 78, starting client 20/50, id: 96
round 78, starting client 21/50, id: 52
round 78, starting client 22/50, id: 13
round 78, starting client 23/50, id: 41
round 78, starting client 24/50, id: 53
round 78, starting client 25/50, id: 57
round 78, starting client 26/50, id: 66
round 78, starting client 27/50, id: 79
round 78, starting client 28/50, id: 78
round 78, starting client 29/50, id: 59
round 78, starting client 30/50, id: 1
round 78, starting client 31/50, id: 90
round 78, starting client 32/50, id: 30
round 78, starting client 33/50, id: 95
round 78, starting client 34/50, id: 23
round 78, starting client 35/50, id: 74
round 78, starting client 36/50, id: 86
round 78, starting client 37/50, id: 39
round 78, starting client 38/50, id: 36
round 78, starting client 39/50, id: 22
round 78, starting client 40/50, id: 77
round 78, starting client 41/50, id: 64
round 78, starting client 42/50, id: 94
round 78, starting client 43/50, id: 7
round 78, starting client 44/50, id: 58
round 78, starting client 45/50, id: 33
round 78, starting client 46/50, id: 4
round 78, starting client 47/50, id: 48
round 78, starting client 48/50, id: 62
round 78, starting client 49/50, id: 29
round 78, starting client 50/50, id: 27
round 78, validation acc: 0.9778
starting round 79
clients: [46 99 80 93 74 16 70 32 41 77 42 35 11 2 48 23 53 65 10 62 38 67 29
60
28 92 9 47 18 66 88 91 7 50 31 13 55 98 12 59 84 1 56 83 72 61 89 15
39 19]

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round 79, starting client 1/50, id: 46
round 79, starting client 2/50, id: 99
round 79, starting client 3/50, id: 80
round 79, starting client 4/50, id: 93
round 79, starting client 5/50, id: 74
round 79, starting client 6/50, id: 16
round 79, starting client 7/50, id: 70
round 79, starting client 8/50, id: 32
round 79, starting client 9/50, id: 41
round 79, starting client 10/50, id: 77
round 79, starting client 11/50, id: 42
round 79, starting client 12/50, id: 35
round 79, starting client 13/50, id: 11
round 79, starting client 14/50, id: 2
round 79, starting client 15/50, id: 48
round 79, starting client 16/50, id: 23
round 79, starting client 17/50, id: 53
round 79, starting client 18/50, id: 65
round 79, starting client 19/50, id: 10
round 79, starting client 20/50, id: 62
round 79, starting client 21/50, id: 38
round 79, starting client 22/50, id: 67
round 79, starting client 23/50, id: 29
round 79, starting client 24/50, id: 60
round 79, starting client 25/50, id: 28
round 79, starting client 26/50, id: 92
round 79, starting client 27/50, id: 9
round 79, starting client 28/50, id: 47
round 79, starting client 29/50, id: 18
round 79, starting client 30/50, id: 66
round 79, starting client 31/50, id: 88
round 79, starting client 32/50, id: 91
round 79, starting client 33/50, id: 7
round 79, starting client 34/50, id: 50
round 79, starting client 35/50, id: 31
round 79, starting client 36/50, id: 13
round 79, starting client 37/50, id: 55
round 79, starting client 38/50, id: 98
round 79, starting client 39/50, id: 12
round 79, starting client 40/50, id: 59
round 79, starting client 41/50, id: 84
round 79, starting client 42/50, id: 1
round 79, starting client 43/50, id: 56
round 79, starting client 44/50, id: 83
round 79, starting client 45/50, id: 72
round 79, starting client 46/50, id: 61
round 79, starting client 47/50, id: 89
round 79, starting client 48/50, id: 15

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round 79, starting client 49/50, id: 39
round 79, starting client 50/50, id: 19
round 79, validation acc: 0.9779
starting round 80
clients: [72 56 57 79 59 19 65 69 89 44 8 3 6 11 30 96 49 76 46 63 71 0 53
12
26 33 88 52 84 17 83 1 85 36 81 50 4 93 34 20 66 97 21 40 55 98 86 70
99 92]
round 80, starting client 1/50, id: 72
round 80, starting client 2/50, id: 56
round 80, starting client 3/50, id: 57
round 80, starting client 4/50, id: 79
round 80, starting client 5/50, id: 59
round 80, starting client 6/50, id: 19
round 80, starting client 7/50, id: 65
round 80, starting client 8/50, id: 69
round 80, starting client 9/50, id: 89
round 80, starting client 10/50, id: 44
round 80, starting client 11/50, id: 8
round 80, starting client 12/50, id: 3
round 80, starting client 13/50, id: 6
round 80, starting client 14/50, id: 11
round 80, starting client 15/50, id: 30
round 80, starting client 16/50, id: 96
round 80, starting client 17/50, id: 49
round 80, starting client 18/50, id: 76
round 80, starting client 19/50, id: 46
round 80, starting client 20/50, id: 63
round 80, starting client 21/50, id: 71
round 80, starting client 22/50, id: 0
round 80, starting client 23/50, id: 53
round 80, starting client 24/50, id: 12
round 80, starting client 25/50, id: 26
round 80, starting client 26/50, id: 33
round 80, starting client 27/50, id: 88
round 80, starting client 28/50, id: 52
round 80, starting client 29/50, id: 84
round 80, starting client 30/50, id: 17
round 80, starting client 31/50, id: 83
round 80, starting client 32/50, id: 1
round 80, starting client 33/50, id: 85
round 80, starting client 34/50, id: 36
round 80, starting client 35/50, id: 81
round 80, starting client 36/50, id: 50
round 80, starting client 37/50, id: 4
round 80, starting client 38/50, id: 93
round 80, starting client 39/50, id: 34
round 80, starting client 40/50, id: 20

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round 80, starting client 41/50, id: 66
round 80, starting client 42/50, id: 97
round 80, starting client 43/50, id: 21
round 80, starting client 44/50, id: 40
round 80, starting client 45/50, id: 55
round 80, starting client 46/50, id: 98
round 80, starting client 47/50, id: 86
round 80, starting client 48/50, id: 70
round 80, starting client 49/50, id: 99
round 80, starting client 50/50, id: 92
round 80, validation acc: 0.9787
starting round 81
clients: [47 93 33 50 67 10 65 11 32 24 15 87 40 63 34 35 75 72 60 70 5 28 53
74
76 46 27 38 58 89 9 92 39 22 90 95 43 98 97 88 14 16 54 69 57 78 84 37
44 7]
round 81, starting client 1/50, id: 47
round 81, starting client 2/50, id: 93
round 81, starting client 3/50, id: 33
round 81, starting client 4/50, id: 50
round 81, starting client 5/50, id: 67
round 81, starting client 6/50, id: 10
round 81, starting client 7/50, id: 65
round 81, starting client 8/50, id: 11
round 81, starting client 9/50, id: 32
round 81, starting client 10/50, id: 24
round 81, starting client 11/50, id: 15
round 81, starting client 12/50, id: 87
round 81, starting client 13/50, id: 40
round 81, starting client 14/50, id: 63
round 81, starting client 15/50, id: 34
round 81, starting client 16/50, id: 35
round 81, starting client 17/50, id: 75
round 81, starting client 18/50, id: 72
round 81, starting client 19/50, id: 60
round 81, starting client 20/50, id: 70
round 81, starting client 21/50, id: 5
round 81, starting client 22/50, id: 28
round 81, starting client 23/50, id: 53
round 81, starting client 24/50, id: 74
round 81, starting client 25/50, id: 76
round 81, starting client 26/50, id: 46
round 81, starting client 27/50, id: 27
round 81, starting client 28/50, id: 38
round 81, starting client 29/50, id: 58
round 81, starting client 30/50, id: 89
round 81, starting client 31/50, id: 9
round 81, starting client 32/50, id: 92

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round 81, starting client 33/50, id: 39
round 81, starting client 34/50, id: 22
round 81, starting client 35/50, id: 90
round 81, starting client 36/50, id: 95
round 81, starting client 37/50, id: 43
round 81, starting client 38/50, id: 98
round 81, starting client 39/50, id: 97
round 81, starting client 40/50, id: 88
round 81, starting client 41/50, id: 14
round 81, starting client 42/50, id: 16
round 81, starting client 43/50, id: 54
round 81, starting client 44/50, id: 69
round 81, starting client 45/50, id: 57
round 81, starting client 46/50, id: 78
round 81, starting client 47/50, id: 84
round 81, starting client 48/50, id: 37
round 81, starting client 49/50, id: 44
round 81, starting client 50/50, id: 7
round 81, validation acc: 0.9781
starting round 82
clients: [98 85 75 17 51 71 54 2 6 90 47 52 59 18 34 92 72 22 4 15 64 41 77
63
55 99 84 81 78 66 50 31 20 1 11 5 7 95 0 42 60 61 94 58 14 82 44 96
70 16]
round 82, starting client 1/50, id: 98
round 82, starting client 2/50, id: 85
round 82, starting client 3/50, id: 75
round 82, starting client 4/50, id: 17
round 82, starting client 5/50, id: 51
round 82, starting client 6/50, id: 71
round 82, starting client 7/50, id: 54
round 82, starting client 8/50, id: 2
round 82, starting client 9/50, id: 6
round 82, starting client 10/50, id: 90
round 82, starting client 11/50, id: 47
round 82, starting client 12/50, id: 52
round 82, starting client 13/50, id: 59
round 82, starting client 14/50, id: 18
round 82, starting client 15/50, id: 34
round 82, starting client 16/50, id: 92
round 82, starting client 17/50, id: 72
round 82, starting client 18/50, id: 22
round 82, starting client 19/50, id: 4
round 82, starting client 20/50, id: 15
round 82, starting client 21/50, id: 64
round 82, starting client 22/50, id: 41
round 82, starting client 23/50, id: 77
round 82, starting client 24/50, id: 63

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round 82, starting client 25/50, id: 55
round 82, starting client 26/50, id: 99
round 82, starting client 27/50, id: 84
round 82, starting client 28/50, id: 81
round 82, starting client 29/50, id: 78
round 82, starting client 30/50, id: 66
round 82, starting client 31/50, id: 50
round 82, starting client 32/50, id: 31
round 82, starting client 33/50, id: 20
round 82, starting client 34/50, id: 1
round 82, starting client 35/50, id: 11
round 82, starting client 36/50, id: 5
round 82, starting client 37/50, id: 7
round 82, starting client 38/50, id: 95
round 82, starting client 39/50, id: 0
round 82, starting client 40/50, id: 42
round 82, starting client 41/50, id: 60
round 82, starting client 42/50, id: 61
round 82, starting client 43/50, id: 94
round 82, starting client 44/50, id: 58
round 82, starting client 45/50, id: 14
round 82, starting client 46/50, id: 82
round 82, starting client 47/50, id: 44
round 82, starting client 48/50, id: 96
round 82, starting client 49/50, id: 70
round 82, starting client 50/50, id: 16
round 82, validation acc: 0.9789
starting round 83
clients: [32 38 54 59 79 83 31 98 26 20 75 53 64 76 87 19 84 8 66 47 1 12 23
68
77 60 82 86 49 29 69 61 51 97 13 4 40 14 89 56 96 80 70 3 22 37 78 46
57 28]
round 83, starting client 1/50, id: 32
round 83, starting client 2/50, id: 38
round 83, starting client 3/50, id: 54
round 83, starting client 4/50, id: 59
round 83, starting client 5/50, id: 79
round 83, starting client 6/50, id: 83
round 83, starting client 7/50, id: 31
round 83, starting client 8/50, id: 98
round 83, starting client 9/50, id: 26
round 83, starting client 10/50, id: 20
round 83, starting client 11/50, id: 75
round 83, starting client 12/50, id: 53
round 83, starting client 13/50, id: 64
round 83, starting client 14/50, id: 76
round 83, starting client 15/50, id: 87
round 83, starting client 16/50, id: 19

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round 83, starting client 17/50, id: 84
round 83, starting client 18/50, id: 8
round 83, starting client 19/50, id: 66
round 83, starting client 20/50, id: 47
round 83, starting client 21/50, id: 1
round 83, starting client 22/50, id: 12
round 83, starting client 23/50, id: 23
round 83, starting client 24/50, id: 68
round 83, starting client 25/50, id: 77
round 83, starting client 26/50, id: 60
round 83, starting client 27/50, id: 82
round 83, starting client 28/50, id: 86
round 83, starting client 29/50, id: 49
round 83, starting client 30/50, id: 29
round 83, starting client 31/50, id: 69
round 83, starting client 32/50, id: 61
round 83, starting client 33/50, id: 51
round 83, starting client 34/50, id: 97
round 83, starting client 35/50, id: 13
round 83, starting client 36/50, id: 4
round 83, starting client 37/50, id: 40
round 83, starting client 38/50, id: 14
round 83, starting client 39/50, id: 89
round 83, starting client 40/50, id: 56
round 83, starting client 41/50, id: 96
round 83, starting client 42/50, id: 80
round 83, starting client 43/50, id: 70
round 83, starting client 44/50, id: 3
round 83, starting client 45/50, id: 22
round 83, starting client 46/50, id: 37
round 83, starting client 47/50, id: 78
round 83, starting client 48/50, id: 46
round 83, starting client 49/50, id: 57
round 83, starting client 50/50, id: 28
round 83, validation acc: 0.9786
starting round 84
clients: [30 97 20 10 50 25 80 40 48 86 98 70 87 47 43 2 35 63 22 78 67 99 34
8
91 82 46 3 0 15 73 21 32 85 4 54 44 77 5 6 38 45 49 61 9 42 60 53
68 11]
round 84, starting client 1/50, id: 30
round 84, starting client 2/50, id: 97
round 84, starting client 3/50, id: 20
round 84, starting client 4/50, id: 10
round 84, starting client 5/50, id: 50
round 84, starting client 6/50, id: 25
round 84, starting client 7/50, id: 80
round 84, starting client 8/50, id: 40

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round 84, starting client 9/50, id: 48
round 84, starting client 10/50, id: 86
round 84, starting client 11/50, id: 98
round 84, starting client 12/50, id: 70
round 84, starting client 13/50, id: 87
round 84, starting client 14/50, id: 47
round 84, starting client 15/50, id: 43
round 84, starting client 16/50, id: 2
round 84, starting client 17/50, id: 35
round 84, starting client 18/50, id: 63
round 84, starting client 19/50, id: 22
round 84, starting client 20/50, id: 78
round 84, starting client 21/50, id: 67
round 84, starting client 22/50, id: 99
round 84, starting client 23/50, id: 34
round 84, starting client 24/50, id: 8
round 84, starting client 25/50, id: 91
round 84, starting client 26/50, id: 82
round 84, starting client 27/50, id: 46
round 84, starting client 28/50, id: 3
round 84, starting client 29/50, id: 0
round 84, starting client 30/50, id: 15
round 84, starting client 31/50, id: 73
round 84, starting client 32/50, id: 21
round 84, starting client 33/50, id: 32
round 84, starting client 34/50, id: 85
round 84, starting client 35/50, id: 4
round 84, starting client 36/50, id: 54
round 84, starting client 37/50, id: 44
round 84, starting client 38/50, id: 77
round 84, starting client 39/50, id: 5
round 84, starting client 40/50, id: 6
round 84, starting client 41/50, id: 38
round 84, starting client 42/50, id: 45
round 84, starting client 43/50, id: 49
round 84, starting client 44/50, id: 61
round 84, starting client 45/50, id: 9
round 84, starting client 46/50, id: 42
round 84, starting client 47/50, id: 60
round 84, starting client 48/50, id: 53
round 84, starting client 49/50, id: 68
round 84, starting client 50/50, id: 11
round 84, validation acc: 0.9779
starting round 85
clients: [90 26 18 31 82 95 41 86 15 42 20 57 21 6 11 56 63 73 0 32 61 75 25
68
34 76 16 85 70 50 47 65 29 28 74 58 22 44 67 54 92 2 49 64 87 84 46 93
30 39]

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round 85, starting client 1/50, id: 90
round 85, starting client 2/50, id: 26
round 85, starting client 3/50, id: 18
round 85, starting client 4/50, id: 31
round 85, starting client 5/50, id: 82
round 85, starting client 6/50, id: 95
round 85, starting client 7/50, id: 41
round 85, starting client 8/50, id: 86
round 85, starting client 9/50, id: 15
round 85, starting client 10/50, id: 42
round 85, starting client 11/50, id: 20
round 85, starting client 12/50, id: 57
round 85, starting client 13/50, id: 21
round 85, starting client 14/50, id: 6
round 85, starting client 15/50, id: 11
round 85, starting client 16/50, id: 56
round 85, starting client 17/50, id: 63
round 85, starting client 18/50, id: 73
round 85, starting client 19/50, id: 0
round 85, starting client 20/50, id: 32
round 85, starting client 21/50, id: 61
round 85, starting client 22/50, id: 75
round 85, starting client 23/50, id: 25
round 85, starting client 24/50, id: 68
round 85, starting client 25/50, id: 34
round 85, starting client 26/50, id: 76
round 85, starting client 27/50, id: 16
round 85, starting client 28/50, id: 85
round 85, starting client 29/50, id: 70
round 85, starting client 30/50, id: 50
round 85, starting client 31/50, id: 47
round 85, starting client 32/50, id: 65
round 85, starting client 33/50, id: 29
round 85, starting client 34/50, id: 28
round 85, starting client 35/50, id: 74
round 85, starting client 36/50, id: 58
round 85, starting client 37/50, id: 22
round 85, starting client 38/50, id: 44
round 85, starting client 39/50, id: 67
round 85, starting client 40/50, id: 54
round 85, starting client 41/50, id: 92
round 85, starting client 42/50, id: 2
round 85, starting client 43/50, id: 49
round 85, starting client 44/50, id: 64
round 85, starting client 45/50, id: 87
round 85, starting client 46/50, id: 84
round 85, starting client 47/50, id: 46
round 85, starting client 48/50, id: 93

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round 85, starting client 49/50, id: 30
round 85, starting client 50/50, id: 39
round 85, validation acc: 0.9784
starting round 86
clients: [77 90 27 92 58 17 44 66 95 13 65 37 61  4 48 29 59 89 88 94 87 15 40
63
23 47 43  1 56 71 31 32 99 72 79  3 12 54 96 86 98 70 46 51 28 83 78 10
93 68]
round 86, starting client 1/50, id: 77
round 86, starting client 2/50, id: 90
round 86, starting client 3/50, id: 27
round 86, starting client 4/50, id: 92
round 86, starting client 5/50, id: 58
round 86, starting client 6/50, id: 17
round 86, starting client 7/50, id: 44
round 86, starting client 8/50, id: 66
round 86, starting client 9/50, id: 95
round 86, starting client 10/50, id: 13
round 86, starting client 11/50, id: 65
round 86, starting client 12/50, id: 37
round 86, starting client 13/50, id: 61
round 86, starting client 14/50, id: 4
round 86, starting client 15/50, id: 48
round 86, starting client 16/50, id: 29
round 86, starting client 17/50, id: 59
round 86, starting client 18/50, id: 89
round 86, starting client 19/50, id: 88
round 86, starting client 20/50, id: 94
round 86, starting client 21/50, id: 87
round 86, starting client 22/50, id: 15
round 86, starting client 23/50, id: 40
round 86, starting client 24/50, id: 63
round 86, starting client 25/50, id: 23
round 86, starting client 26/50, id: 47
round 86, starting client 27/50, id: 43
round 86, starting client 28/50, id: 1
round 86, starting client 29/50, id: 56
round 86, starting client 30/50, id: 71
round 86, starting client 31/50, id: 31
round 86, starting client 32/50, id: 32
round 86, starting client 33/50, id: 99
round 86, starting client 34/50, id: 72
round 86, starting client 35/50, id: 79
round 86, starting client 36/50, id: 3
round 86, starting client 37/50, id: 12
round 86, starting client 38/50, id: 54
round 86, starting client 39/50, id: 96
round 86, starting client 40/50, id: 86

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round 86, starting client 41/50, id: 98
round 86, starting client 42/50, id: 70
round 86, starting client 43/50, id: 46
round 86, starting client 44/50, id: 51
round 86, starting client 45/50, id: 28
round 86, starting client 46/50, id: 83
round 86, starting client 47/50, id: 78
round 86, starting client 48/50, id: 10
round 86, starting client 49/50, id: 93
round 86, starting client 50/50, id: 68
round 86, validation acc: 0.979
starting round 87
clients: [35 29 80 91 19 71 39 61 89 0 25 51 42 30 58 28 6 49 3 60 70 9 17
14
94 90 50 75 4 84 69 37 88 23 57 59 1 31 99 81 55 45 18 98 62 41 33 78
26 13]
round 87, starting client 1/50, id: 35
round 87, starting client 2/50, id: 29
round 87, starting client 3/50, id: 80
round 87, starting client 4/50, id: 91
round 87, starting client 5/50, id: 19
round 87, starting client 6/50, id: 71
round 87, starting client 7/50, id: 39
round 87, starting client 8/50, id: 61
round 87, starting client 9/50, id: 89
round 87, starting client 10/50, id: 0
round 87, starting client 11/50, id: 25
round 87, starting client 12/50, id: 51
round 87, starting client 13/50, id: 42
round 87, starting client 14/50, id: 30
round 87, starting client 15/50, id: 58
round 87, starting client 16/50, id: 28
round 87, starting client 17/50, id: 6
round 87, starting client 18/50, id: 49
round 87, starting client 19/50, id: 3
round 87, starting client 20/50, id: 60
round 87, starting client 21/50, id: 70
round 87, starting client 22/50, id: 9
round 87, starting client 23/50, id: 17
round 87, starting client 24/50, id: 14
round 87, starting client 25/50, id: 94
round 87, starting client 26/50, id: 90
round 87, starting client 27/50, id: 50
round 87, starting client 28/50, id: 75
round 87, starting client 29/50, id: 4
round 87, starting client 30/50, id: 84
round 87, starting client 31/50, id: 69
round 87, starting client 32/50, id: 37

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round 87, starting client 33/50, id: 88
round 87, starting client 34/50, id: 23
round 87, starting client 35/50, id: 57
round 87, starting client 36/50, id: 59
round 87, starting client 37/50, id: 1
round 87, starting client 38/50, id: 31
round 87, starting client 39/50, id: 99
round 87, starting client 40/50, id: 81
round 87, starting client 41/50, id: 55
round 87, starting client 42/50, id: 45
round 87, starting client 43/50, id: 18
round 87, starting client 44/50, id: 98
round 87, starting client 45/50, id: 62
round 87, starting client 46/50, id: 41
round 87, starting client 47/50, id: 33
round 87, starting client 48/50, id: 78
round 87, starting client 49/50, id: 26
round 87, starting client 50/50, id: 13
round 87, validation acc: 0.9792
starting round 88
clients: [ 0 30 53 71 59 62 56 76 47 69 43 1 58 27 23 77 17 85 49 19 74 88 67
3
68 15 55 6 75 60 86 98 83 87 2 78 96 4 46 65 42 18 28 50 8 9 63 72
45 41]
round 88, starting client 1/50, id: 0
round 88, starting client 2/50, id: 30
round 88, starting client 3/50, id: 53
round 88, starting client 4/50, id: 71
round 88, starting client 5/50, id: 59
round 88, starting client 6/50, id: 62
round 88, starting client 7/50, id: 56
round 88, starting client 8/50, id: 76
round 88, starting client 9/50, id: 47
round 88, starting client 10/50, id: 69
round 88, starting client 11/50, id: 43
round 88, starting client 12/50, id: 1
round 88, starting client 13/50, id: 58
round 88, starting client 14/50, id: 27
round 88, starting client 15/50, id: 23
round 88, starting client 16/50, id: 77
round 88, starting client 17/50, id: 17
round 88, starting client 18/50, id: 85
round 88, starting client 19/50, id: 49
round 88, starting client 20/50, id: 19
round 88, starting client 21/50, id: 74
round 88, starting client 22/50, id: 88
round 88, starting client 23/50, id: 67
round 88, starting client 24/50, id: 3

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round 88, starting client 25/50, id: 68
round 88, starting client 26/50, id: 15
round 88, starting client 27/50, id: 55
round 88, starting client 28/50, id: 6
round 88, starting client 29/50, id: 75
round 88, starting client 30/50, id: 60
round 88, starting client 31/50, id: 86
round 88, starting client 32/50, id: 98
round 88, starting client 33/50, id: 83
round 88, starting client 34/50, id: 87
round 88, starting client 35/50, id: 2
round 88, starting client 36/50, id: 78
round 88, starting client 37/50, id: 96
round 88, starting client 38/50, id: 4
round 88, starting client 39/50, id: 46
round 88, starting client 40/50, id: 65
round 88, starting client 41/50, id: 42
round 88, starting client 42/50, id: 18
round 88, starting client 43/50, id: 28
round 88, starting client 44/50, id: 50
round 88, starting client 45/50, id: 8
round 88, starting client 46/50, id: 9
round 88, starting client 47/50, id: 63
round 88, starting client 48/50, id: 72
round 88, starting client 49/50, id: 45
round 88, starting client 50/50, id: 41
round 88, validation acc: 0.9793
starting round 89
clients: [71 37 56 73 84 61 22 47 27 1 16 46 55 99 20 58 64 63 86 65 17 51 74
21
0 50 44 88 40 12 96 10 48 6 36 52 32 18 93 29 49 81 7 14 43 39 78 13
90 35]
round 89, starting client 1/50, id: 71
round 89, starting client 2/50, id: 37
round 89, starting client 3/50, id: 56
round 89, starting client 4/50, id: 73
round 89, starting client 5/50, id: 84
round 89, starting client 6/50, id: 61
round 89, starting client 7/50, id: 22
round 89, starting client 8/50, id: 47
round 89, starting client 9/50, id: 27
round 89, starting client 10/50, id: 1
round 89, starting client 11/50, id: 16
round 89, starting client 12/50, id: 46
round 89, starting client 13/50, id: 55
round 89, starting client 14/50, id: 99
round 89, starting client 15/50, id: 20
round 89, starting client 16/50, id: 58

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round 89, starting client 17/50, id: 64
round 89, starting client 18/50, id: 63
round 89, starting client 19/50, id: 86
round 89, starting client 20/50, id: 65
round 89, starting client 21/50, id: 17
round 89, starting client 22/50, id: 51
round 89, starting client 23/50, id: 74
round 89, starting client 24/50, id: 21
round 89, starting client 25/50, id: 0
round 89, starting client 26/50, id: 50
round 89, starting client 27/50, id: 44
round 89, starting client 28/50, id: 88
round 89, starting client 29/50, id: 40
round 89, starting client 30/50, id: 12
round 89, starting client 31/50, id: 96
round 89, starting client 32/50, id: 10
round 89, starting client 33/50, id: 48
round 89, starting client 34/50, id: 6
round 89, starting client 35/50, id: 36
round 89, starting client 36/50, id: 52
round 89, starting client 37/50, id: 32
round 89, starting client 38/50, id: 18
round 89, starting client 39/50, id: 93
round 89, starting client 40/50, id: 29
round 89, starting client 41/50, id: 49
round 89, starting client 42/50, id: 81
round 89, starting client 43/50, id: 7
round 89, starting client 44/50, id: 14
round 89, starting client 45/50, id: 43
round 89, starting client 46/50, id: 39
round 89, starting client 47/50, id: 78
round 89, starting client 48/50, id: 13
round 89, starting client 49/50, id: 90
round 89, starting client 50/50, id: 35
round 89, validation acc: 0.9795
starting round 90
clients: [40 63 68 2 83 62 75 72 52 60 8 16 71 93 11 21 97 39 36 20 3 32 23
64
99 41 58 34 54 12 25 70 98 24 81 51 69 5 66 86 18 14 91 37 94 9 46 61
35 65]
round 90, starting client 1/50, id: 40
round 90, starting client 2/50, id: 63
round 90, starting client 3/50, id: 68
round 90, starting client 4/50, id: 2
round 90, starting client 5/50, id: 83
round 90, starting client 6/50, id: 62
round 90, starting client 7/50, id: 75
round 90, starting client 8/50, id: 72

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round 90, starting client 9/50, id: 52
round 90, starting client 10/50, id: 60
round 90, starting client 11/50, id: 8
round 90, starting client 12/50, id: 16
round 90, starting client 13/50, id: 71
round 90, starting client 14/50, id: 93
round 90, starting client 15/50, id: 11
round 90, starting client 16/50, id: 21
round 90, starting client 17/50, id: 97
round 90, starting client 18/50, id: 39
round 90, starting client 19/50, id: 36
round 90, starting client 20/50, id: 20
round 90, starting client 21/50, id: 3
round 90, starting client 22/50, id: 32
round 90, starting client 23/50, id: 23
round 90, starting client 24/50, id: 64
round 90, starting client 25/50, id: 99
round 90, starting client 26/50, id: 41
round 90, starting client 27/50, id: 58
round 90, starting client 28/50, id: 34
round 90, starting client 29/50, id: 54
round 90, starting client 30/50, id: 12
round 90, starting client 31/50, id: 25
round 90, starting client 32/50, id: 70
round 90, starting client 33/50, id: 98
round 90, starting client 34/50, id: 24
round 90, starting client 35/50, id: 81
round 90, starting client 36/50, id: 51
round 90, starting client 37/50, id: 69
round 90, starting client 38/50, id: 5
round 90, starting client 39/50, id: 66
round 90, starting client 40/50, id: 86
round 90, starting client 41/50, id: 18
round 90, starting client 42/50, id: 14
round 90, starting client 43/50, id: 91
round 90, starting client 44/50, id: 37
round 90, starting client 45/50, id: 94
round 90, starting client 46/50, id: 9
round 90, starting client 47/50, id: 46
round 90, starting client 48/50, id: 61
round 90, starting client 49/50, id: 35
round 90, starting client 50/50, id: 65
round 90, validation acc: 0.9794
starting round 91
clients: [29 64 68 28 26 19 72 13 35 42 99 32 80 37 0 22 81 82 96 52 61 30 54
47
23 51 46 85 67 97 59 62 24 57 9 74 66 14 20 17 90 63 39 88 78 56 94 95
4 25]

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round 91, starting client 1/50, id: 29
round 91, starting client 2/50, id: 64
round 91, starting client 3/50, id: 68
round 91, starting client 4/50, id: 28
round 91, starting client 5/50, id: 26
round 91, starting client 6/50, id: 19
round 91, starting client 7/50, id: 72
round 91, starting client 8/50, id: 13
round 91, starting client 9/50, id: 35
round 91, starting client 10/50, id: 42
round 91, starting client 11/50, id: 99
round 91, starting client 12/50, id: 32
round 91, starting client 13/50, id: 80
round 91, starting client 14/50, id: 37
round 91, starting client 15/50, id: 0
round 91, starting client 16/50, id: 22
round 91, starting client 17/50, id: 81
round 91, starting client 18/50, id: 82
round 91, starting client 19/50, id: 96
round 91, starting client 20/50, id: 52
round 91, starting client 21/50, id: 61
round 91, starting client 22/50, id: 30
round 91, starting client 23/50, id: 54
round 91, starting client 24/50, id: 47
round 91, starting client 25/50, id: 23
round 91, starting client 26/50, id: 51
round 91, starting client 27/50, id: 46
round 91, starting client 28/50, id: 85
round 91, starting client 29/50, id: 67
round 91, starting client 30/50, id: 97
round 91, starting client 31/50, id: 59
round 91, starting client 32/50, id: 62
round 91, starting client 33/50, id: 24
round 91, starting client 34/50, id: 57
round 91, starting client 35/50, id: 9
round 91, starting client 36/50, id: 74
round 91, starting client 37/50, id: 66
round 91, starting client 38/50, id: 14
round 91, starting client 39/50, id: 20
round 91, starting client 40/50, id: 17
round 91, starting client 41/50, id: 90
round 91, starting client 42/50, id: 63
round 91, starting client 43/50, id: 39
round 91, starting client 44/50, id: 88
round 91, starting client 45/50, id: 78
round 91, starting client 46/50, id: 56
round 91, starting client 47/50, id: 94
round 91, starting client 48/50, id: 95

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round 91, starting client 49/50, id: 4
round 91, starting client 50/50, id: 25
round 91, validation acc: 0.9791
starting round 92
clients: [36 15 60 33 76 71 19 87 85 99 63 77 42 35 53 10 55 97 50 28 69 62 82
30
2 56 70 79 64 45 5 32 25 39 52 88 37 54 57 23 80 49 59 6 24 17 8 27
84 68]
round 92, starting client 1/50, id: 36
round 92, starting client 2/50, id: 15
round 92, starting client 3/50, id: 60
round 92, starting client 4/50, id: 33
round 92, starting client 5/50, id: 76
round 92, starting client 6/50, id: 71
round 92, starting client 7/50, id: 19
round 92, starting client 8/50, id: 87
round 92, starting client 9/50, id: 85
round 92, starting client 10/50, id: 99
round 92, starting client 11/50, id: 63
round 92, starting client 12/50, id: 77
round 92, starting client 13/50, id: 42
round 92, starting client 14/50, id: 35
round 92, starting client 15/50, id: 53
round 92, starting client 16/50, id: 10
round 92, starting client 17/50, id: 55
round 92, starting client 18/50, id: 97
round 92, starting client 19/50, id: 50
round 92, starting client 20/50, id: 28
round 92, starting client 21/50, id: 69
round 92, starting client 22/50, id: 62
round 92, starting client 23/50, id: 82
round 92, starting client 24/50, id: 30
round 92, starting client 25/50, id: 2
round 92, starting client 26/50, id: 56
round 92, starting client 27/50, id: 70
round 92, starting client 28/50, id: 79
round 92, starting client 29/50, id: 64
round 92, starting client 30/50, id: 45
round 92, starting client 31/50, id: 5
round 92, starting client 32/50, id: 32
round 92, starting client 33/50, id: 25
round 92, starting client 34/50, id: 39
round 92, starting client 35/50, id: 52
round 92, starting client 36/50, id: 88
round 92, starting client 37/50, id: 37
round 92, starting client 38/50, id: 54
round 92, starting client 39/50, id: 57
round 92, starting client 40/50, id: 23

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round 92, starting client 41/50, id: 80
round 92, starting client 42/50, id: 49
round 92, starting client 43/50, id: 59
round 92, starting client 44/50, id: 6
round 92, starting client 45/50, id: 24
round 92, starting client 46/50, id: 17
round 92, starting client 47/50, id: 8
round 92, starting client 48/50, id: 27
round 92, starting client 49/50, id: 84
round 92, starting client 50/50, id: 68
round 92, validation acc: 0.98
starting round 93
clients: [ 6 34 81 46 37  7 86 31 72 64 84  1 20 53 59  2 70 63 22 29 44  5 10
47
 30 11 33 95 19 26 85 12 97 83 78  0 93 48  8 55 90 28 91 89 92 56 60 68
94 16]
round 93, starting client 1/50, id: 6
round 93, starting client 2/50, id: 34
round 93, starting client 3/50, id: 81
round 93, starting client 4/50, id: 46
round 93, starting client 5/50, id: 37
round 93, starting client 6/50, id: 7
round 93, starting client 7/50, id: 86
round 93, starting client 8/50, id: 31
round 93, starting client 9/50, id: 72
round 93, starting client 10/50, id: 64
round 93, starting client 11/50, id: 84
round 93, starting client 12/50, id: 1
round 93, starting client 13/50, id: 20
round 93, starting client 14/50, id: 53
round 93, starting client 15/50, id: 59
round 93, starting client 16/50, id: 2
round 93, starting client 17/50, id: 70
round 93, starting client 18/50, id: 63
round 93, starting client 19/50, id: 22
round 93, starting client 20/50, id: 29
round 93, starting client 21/50, id: 44
round 93, starting client 22/50, id: 5
round 93, starting client 23/50, id: 10
round 93, starting client 24/50, id: 47
round 93, starting client 25/50, id: 30
round 93, starting client 26/50, id: 11
round 93, starting client 27/50, id: 33
round 93, starting client 28/50, id: 95
round 93, starting client 29/50, id: 19
round 93, starting client 30/50, id: 26
round 93, starting client 31/50, id: 85
round 93, starting client 32/50, id: 12

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round 93, starting client 33/50, id: 97
round 93, starting client 34/50, id: 83
round 93, starting client 35/50, id: 78
round 93, starting client 36/50, id: 0
round 93, starting client 37/50, id: 93
round 93, starting client 38/50, id: 48
round 93, starting client 39/50, id: 8
round 93, starting client 40/50, id: 55
round 93, starting client 41/50, id: 90
round 93, starting client 42/50, id: 28
round 93, starting client 43/50, id: 91
round 93, starting client 44/50, id: 89
round 93, starting client 45/50, id: 92
round 93, starting client 46/50, id: 56
round 93, starting client 47/50, id: 60
round 93, starting client 48/50, id: 68
round 93, starting client 49/50, id: 94
round 93, starting client 50/50, id: 16
round 93, validation acc: 0.9795
starting round 94
clients: [81  7 29 68 87  4 24 48 73 55 35 26 92 83 65 89 13  0 41 14 49 21 42
22
 97 45 52 72 38 63 61 17 59 47 84 98 18 39 80 51 70  2  8 79 11 69 57 58
19  5]
round 94, starting client 1/50, id: 81
round 94, starting client 2/50, id: 7
round 94, starting client 3/50, id: 29
round 94, starting client 4/50, id: 68
round 94, starting client 5/50, id: 87
round 94, starting client 6/50, id: 4
round 94, starting client 7/50, id: 24
round 94, starting client 8/50, id: 48
round 94, starting client 9/50, id: 73
round 94, starting client 10/50, id: 55
round 94, starting client 11/50, id: 35
round 94, starting client 12/50, id: 26
round 94, starting client 13/50, id: 92
round 94, starting client 14/50, id: 83
round 94, starting client 15/50, id: 65
round 94, starting client 16/50, id: 89
round 94, starting client 17/50, id: 13
round 94, starting client 18/50, id: 0
round 94, starting client 19/50, id: 41
round 94, starting client 20/50, id: 14
round 94, starting client 21/50, id: 49
round 94, starting client 22/50, id: 21
round 94, starting client 23/50, id: 42
round 94, starting client 24/50, id: 22

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round 94, starting client 25/50, id: 97
round 94, starting client 26/50, id: 45
round 94, starting client 27/50, id: 52
round 94, starting client 28/50, id: 72
round 94, starting client 29/50, id: 38
round 94, starting client 30/50, id: 63
round 94, starting client 31/50, id: 61
round 94, starting client 32/50, id: 17
round 94, starting client 33/50, id: 59
round 94, starting client 34/50, id: 47
round 94, starting client 35/50, id: 84
round 94, starting client 36/50, id: 98
round 94, starting client 37/50, id: 18
round 94, starting client 38/50, id: 39
round 94, starting client 39/50, id: 80
round 94, starting client 40/50, id: 51
round 94, starting client 41/50, id: 70
round 94, starting client 42/50, id: 2
round 94, starting client 43/50, id: 8
round 94, starting client 44/50, id: 79
round 94, starting client 45/50, id: 11
round 94, starting client 46/50, id: 69
round 94, starting client 47/50, id: 57
round 94, starting client 48/50, id: 58
round 94, starting client 49/50, id: 19
round 94, starting client 50/50, id: 5
round 94, validation acc: 0.9797
starting round 95
clients: [46 28 13 48 70 96 84 57 43 65 31 42 1 99 37 49 94 27 11 36 3 89 25
6
63 20 24 87 4 91 92 14 64 74 71 62 30 53 23 51 52 12 97 58 69 55 8 80
47 54]
round 95, starting client 1/50, id: 46
round 95, starting client 2/50, id: 28
round 95, starting client 3/50, id: 13
round 95, starting client 4/50, id: 48
round 95, starting client 5/50, id: 70
round 95, starting client 6/50, id: 96
round 95, starting client 7/50, id: 84
round 95, starting client 8/50, id: 57
round 95, starting client 9/50, id: 43
round 95, starting client 10/50, id: 65
round 95, starting client 11/50, id: 31
round 95, starting client 12/50, id: 42
round 95, starting client 13/50, id: 1
round 95, starting client 14/50, id: 99
round 95, starting client 15/50, id: 37
round 95, starting client 16/50, id: 49

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round 95, starting client 17/50, id: 94
round 95, starting client 18/50, id: 27
round 95, starting client 19/50, id: 11
round 95, starting client 20/50, id: 36
round 95, starting client 21/50, id: 3
round 95, starting client 22/50, id: 89
round 95, starting client 23/50, id: 25
round 95, starting client 24/50, id: 6
round 95, starting client 25/50, id: 63
round 95, starting client 26/50, id: 20
round 95, starting client 27/50, id: 24
round 95, starting client 28/50, id: 87
round 95, starting client 29/50, id: 4
round 95, starting client 30/50, id: 91
round 95, starting client 31/50, id: 92
round 95, starting client 32/50, id: 14
round 95, starting client 33/50, id: 64
round 95, starting client 34/50, id: 74
round 95, starting client 35/50, id: 71
round 95, starting client 36/50, id: 62
round 95, starting client 37/50, id: 30
round 95, starting client 38/50, id: 53
round 95, starting client 39/50, id: 23
round 95, starting client 40/50, id: 51
round 95, starting client 41/50, id: 52
round 95, starting client 42/50, id: 12
round 95, starting client 43/50, id: 97
round 95, starting client 44/50, id: 58
round 95, starting client 45/50, id: 69
round 95, starting client 46/50, id: 55
round 95, starting client 47/50, id: 8
round 95, starting client 48/50, id: 80
round 95, starting client 49/50, id: 47
round 95, starting client 50/50, id: 54
round 95, validation acc: 0.98
starting round 96
clients: [48 82 55 98 60 97 6 2 84 53 79 68 66 7 52 40 10 70 28 23 25 62 33
15
4 67 22 99 87 54 13 71 27 1 47 45 76 26 18 83 11 3 50 59 37 65 34 30
94 31]
round 96, starting client 1/50, id: 48
round 96, starting client 2/50, id: 82
round 96, starting client 3/50, id: 55
round 96, starting client 4/50, id: 98
round 96, starting client 5/50, id: 60
round 96, starting client 6/50, id: 97
round 96, starting client 7/50, id: 6
round 96, starting client 8/50, id: 2

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round 96, starting client 9/50, id: 84
round 96, starting client 10/50, id: 53
round 96, starting client 11/50, id: 79
round 96, starting client 12/50, id: 68
round 96, starting client 13/50, id: 66
round 96, starting client 14/50, id: 7
round 96, starting client 15/50, id: 52
round 96, starting client 16/50, id: 40
round 96, starting client 17/50, id: 10
round 96, starting client 18/50, id: 70
round 96, starting client 19/50, id: 28
round 96, starting client 20/50, id: 23
round 96, starting client 21/50, id: 25
round 96, starting client 22/50, id: 62
round 96, starting client 23/50, id: 33
round 96, starting client 24/50, id: 15
round 96, starting client 25/50, id: 4
round 96, starting client 26/50, id: 67
round 96, starting client 27/50, id: 22
round 96, starting client 28/50, id: 99
round 96, starting client 29/50, id: 87
round 96, starting client 30/50, id: 54
round 96, starting client 31/50, id: 13
round 96, starting client 32/50, id: 71
round 96, starting client 33/50, id: 27
round 96, starting client 34/50, id: 1
round 96, starting client 35/50, id: 47
round 96, starting client 36/50, id: 45
round 96, starting client 37/50, id: 76
round 96, starting client 38/50, id: 26
round 96, starting client 39/50, id: 18
round 96, starting client 40/50, id: 83
round 96, starting client 41/50, id: 11
round 96, starting client 42/50, id: 3
round 96, starting client 43/50, id: 50
round 96, starting client 44/50, id: 59
round 96, starting client 45/50, id: 37
round 96, starting client 46/50, id: 65
round 96, starting client 47/50, id: 34
round 96, starting client 48/50, id: 30
round 96, starting client 49/50, id: 94
round 96, starting client 50/50, id: 31
round 96, validation acc: 0.9798
starting round 97
clients: [31 95 3 7 10 72 15 23 53 77 87 69 65 49 42 91 46 63 1 57 54 14 93
29
45 13 67 94 60 82 6 78 55 33 22 36 40 81 35 73 12 0 19 76 51 39 9 48
80 24]

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round 97, starting client 1/50, id: 31
round 97, starting client 2/50, id: 95
round 97, starting client 3/50, id: 3
round 97, starting client 4/50, id: 7
round 97, starting client 5/50, id: 10
round 97, starting client 6/50, id: 72
round 97, starting client 7/50, id: 15
round 97, starting client 8/50, id: 23
round 97, starting client 9/50, id: 53
round 97, starting client 10/50, id: 77
round 97, starting client 11/50, id: 87
round 97, starting client 12/50, id: 69
round 97, starting client 13/50, id: 65
round 97, starting client 14/50, id: 49
round 97, starting client 15/50, id: 42
round 97, starting client 16/50, id: 91
round 97, starting client 17/50, id: 46
round 97, starting client 18/50, id: 63
round 97, starting client 19/50, id: 1
round 97, starting client 20/50, id: 57
round 97, starting client 21/50, id: 54
round 97, starting client 22/50, id: 14
round 97, starting client 23/50, id: 93
round 97, starting client 24/50, id: 29
round 97, starting client 25/50, id: 45
round 97, starting client 26/50, id: 13
round 97, starting client 27/50, id: 67
round 97, starting client 28/50, id: 94
round 97, starting client 29/50, id: 60
round 97, starting client 30/50, id: 82
round 97, starting client 31/50, id: 6
round 97, starting client 32/50, id: 78
round 97, starting client 33/50, id: 55
round 97, starting client 34/50, id: 33
round 97, starting client 35/50, id: 22
round 97, starting client 36/50, id: 36
round 97, starting client 37/50, id: 40
round 97, starting client 38/50, id: 81
round 97, starting client 39/50, id: 35
round 97, starting client 40/50, id: 73
round 97, starting client 41/50, id: 12
round 97, starting client 42/50, id: 0
round 97, starting client 43/50, id: 19
round 97, starting client 44/50, id: 76
round 97, starting client 45/50, id: 51
round 97, starting client 46/50, id: 39
round 97, starting client 47/50, id: 9
round 97, starting client 48/50, id: 48

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round 97, starting client 49/50, id: 80
round 97, starting client 50/50, id: 24
round 97, validation acc: 0.9802
starting round 98
clients: [68 32 59 67 37 72 90 10 77 89 82 96 13 79 5 54 3 4 48 65 41 42 50
23
88 55 19 1 7 58 9 25 22 95 39 93 70 75 15 0 33 18 74 63 34 83 31 14
20 71]
round 98, starting client 1/50, id: 68
round 98, starting client 2/50, id: 32
round 98, starting client 3/50, id: 59
round 98, starting client 4/50, id: 67
round 98, starting client 5/50, id: 37
round 98, starting client 6/50, id: 72
round 98, starting client 7/50, id: 90
round 98, starting client 8/50, id: 10
round 98, starting client 9/50, id: 77
round 98, starting client 10/50, id: 89
round 98, starting client 11/50, id: 82
round 98, starting client 12/50, id: 96
round 98, starting client 13/50, id: 13
round 98, starting client 14/50, id: 79
round 98, starting client 15/50, id: 5
round 98, starting client 16/50, id: 54
round 98, starting client 17/50, id: 3
round 98, starting client 18/50, id: 4
round 98, starting client 19/50, id: 48
round 98, starting client 20/50, id: 65
round 98, starting client 21/50, id: 41
round 98, starting client 22/50, id: 42
round 98, starting client 23/50, id: 50
round 98, starting client 24/50, id: 23
round 98, starting client 25/50, id: 88
round 98, starting client 26/50, id: 55
round 98, starting client 27/50, id: 19
round 98, starting client 28/50, id: 1
round 98, starting client 29/50, id: 7
round 98, starting client 30/50, id: 58
round 98, starting client 31/50, id: 9
round 98, starting client 32/50, id: 25
round 98, starting client 33/50, id: 22
round 98, starting client 34/50, id: 95
round 98, starting client 35/50, id: 39
round 98, starting client 36/50, id: 93
round 98, starting client 37/50, id: 70
round 98, starting client 38/50, id: 75
round 98, starting client 39/50, id: 15
round 98, starting client 40/50, id: 0

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round 98, starting client 41/50, id: 33
round 98, starting client 42/50, id: 18
round 98, starting client 43/50, id: 74
round 98, starting client 44/50, id: 63
round 98, starting client 45/50, id: 34
round 98, starting client 46/50, id: 83
round 98, starting client 47/50, id: 31
round 98, starting client 48/50, id: 14
round 98, starting client 49/50, id: 20
round 98, starting client 50/50, id: 71
round 98, validation acc: 0.9801
starting round 99
clients: [88 37 33 91 14 49 68 59 67 45 77 39 56 95 23 79 73 60 70 61 10 58 76
62
55 35 78 66 32 46 74 40 4 24 12 51 25 85 6 75 93 89 94 72 54 34 7 28
84 9]
round 99, starting client 1/50, id: 88
round 99, starting client 2/50, id: 37
round 99, starting client 3/50, id: 33
round 99, starting client 4/50, id: 91
round 99, starting client 5/50, id: 14
round 99, starting client 6/50, id: 49
round 99, starting client 7/50, id: 68
round 99, starting client 8/50, id: 59
round 99, starting client 9/50, id: 67
round 99, starting client 10/50, id: 45
round 99, starting client 11/50, id: 77
round 99, starting client 12/50, id: 39
round 99, starting client 13/50, id: 56
round 99, starting client 14/50, id: 95
round 99, starting client 15/50, id: 23
round 99, starting client 16/50, id: 79
round 99, starting client 17/50, id: 73
round 99, starting client 18/50, id: 60
round 99, starting client 19/50, id: 70
round 99, starting client 20/50, id: 61
round 99, starting client 21/50, id: 10
round 99, starting client 22/50, id: 58
round 99, starting client 23/50, id: 76
round 99, starting client 24/50, id: 62
round 99, starting client 25/50, id: 55
round 99, starting client 26/50, id: 35
round 99, starting client 27/50, id: 78
round 99, starting client 28/50, id: 66
round 99, starting client 29/50, id: 32
round 99, starting client 30/50, id: 46
round 99, starting client 31/50, id: 74
round 99, starting client 32/50, id: 40

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```

round 99, starting client 33/50, id: 4
round 99, starting client 34/50, id: 24
round 99, starting client 35/50, id: 12
round 99, starting client 36/50, id: 51
round 99, starting client 37/50, id: 25
round 99, starting client 38/50, id: 85
round 99, starting client 39/50, id: 6
round 99, starting client 40/50, id: 75
round 99, starting client 41/50, id: 93
round 99, starting client 42/50, id: 89
round 99, starting client 43/50, id: 94
round 99, starting client 44/50, id: 72
round 99, starting client 45/50, id: 54
round 99, starting client 46/50, id: 34
round 99, starting client 47/50, id: 7
round 99, starting client 48/50, id: 28
round 99, starting client 49/50, id: 84
round 99, starting client 50/50, id: 9
round 99, validation acc: 0.9794
[0.8135 0.8759 0.8995 0.909 0.9162 0.9206 0.9271 0.9311 0.9359 0.9379
 0.9424 0.9438 0.9457 0.948 0.9504 0.952 0.9535 0.9548 0.9558 0.9571
 0.9572 0.9593 0.9604 0.9615 0.9616 0.9623 0.9618 0.9636 0.9638 0.965
 0.9644 0.9663 0.966 0.9675 0.9672 0.9683 0.9687 0.9696 0.9696 0.9705
 0.9706 0.9722 0.972 0.9719 0.9715 0.9729 0.9725 0.9742 0.9735 0.9742
 0.9742 0.9744 0.975 0.9744 0.9751 0.9755 0.9748 0.9745 0.9749 0.9754
 0.9758 0.9752 0.9758 0.9764 0.9762 0.9757 0.9767 0.9767 0.9773 0.9778
 0.9779 0.9771 0.9771 0.9775 0.9776 0.9783 0.9778 0.9781 0.9778 0.9779
 0.9787 0.9781 0.9789 0.9786 0.9779 0.9784 0.979 0.9792 0.9793 0.9795
 0.9794 0.9791 0.98 0.9795 0.9797 0.98 0.9798 0.9802 0.9801 0.9794]

```

```

[55]: # MLP - non-iid - m=10 experiment
mlp_noniid_m10 = copy.deepcopy(mlp)
acc_mlp_noniid_m10 = fed_avg_experiment(mlp_noniid_m10,
    num_clients_per_round=10,
    num_local_epochs=1,
    lr=0.05,
    client_train_loader =
    noniid_client_train_loader,
    max_rounds=300,
    filename = './acc_mlp_noniid_m10')
print(acc_mlp_noniid_m10)
np.save('./acc_mlp_noniid_m10.npy', acc_mlp_noniid_m10)

```

```

starting round 0
clients: [99 74 6 83 73 34 19 35 71 25]
round 0, starting client 1/10, id: 99
round 0, starting client 2/10, id: 74
round 0, starting client 3/10, id: 6

```

```

round 0, starting client 4/10, id: 83
round 0, starting client 5/10, id: 73
round 0, starting client 6/10, id: 34
round 0, starting client 7/10, id: 19
round 0, starting client 8/10, id: 35
round 0, starting client 9/10, id: 71
round 0, starting client 10/10, id: 25
round 0, validation acc: 0.1984
starting round 1
clients: [86 53 67 21 11 2 59 97 36 44]
round 1, starting client 1/10, id: 86
round 1, starting client 2/10, id: 53
round 1, starting client 3/10, id: 67
round 1, starting client 4/10, id: 21
round 1, starting client 5/10, id: 11
round 1, starting client 6/10, id: 2
round 1, starting client 7/10, id: 59
round 1, starting client 8/10, id: 97
round 1, starting client 9/10, id: 36
round 1, starting client 10/10, id: 44
round 1, validation acc: 0.3084
starting round 2
clients: [12 94 83 3 89 91 60 71 11 29]
round 2, starting client 1/10, id: 12
round 2, starting client 2/10, id: 94
round 2, starting client 3/10, id: 83
round 2, starting client 4/10, id: 3
round 2, starting client 5/10, id: 89
round 2, starting client 6/10, id: 91
round 2, starting client 7/10, id: 60
round 2, starting client 8/10, id: 71
round 2, starting client 9/10, id: 11
round 2, starting client 10/10, id: 29
round 2, validation acc: 0.503
starting round 3
clients: [36 96 56 3 0 61 43 91 93 4]
round 3, starting client 1/10, id: 36
round 3, starting client 2/10, id: 96
round 3, starting client 3/10, id: 56
round 3, starting client 4/10, id: 3
round 3, starting client 5/10, id: 0
round 3, starting client 6/10, id: 61
round 3, starting client 7/10, id: 43
round 3, starting client 8/10, id: 91
round 3, starting client 9/10, id: 93
round 3, starting client 10/10, id: 4
round 3, validation acc: 0.5701
starting round 4

```

```

clients: [46 35 40 14 90 16 54 12 58 27]
round 4, starting client 1/10, id: 46
round 4, starting client 2/10, id: 35
round 4, starting client 3/10, id: 40
round 4, starting client 4/10, id: 14
round 4, starting client 5/10, id: 90
round 4, starting client 6/10, id: 16
round 4, starting client 7/10, id: 54
round 4, starting client 8/10, id: 12
round 4, starting client 9/10, id: 58
round 4, starting client 10/10, id: 27
round 4, validation acc: 0.6235
starting round 5
clients: [ 5 31 97 67  7 39 82 74 64 13]
round 5, starting client 1/10, id: 5
round 5, starting client 2/10, id: 31
round 5, starting client 3/10, id: 97
round 5, starting client 4/10, id: 67
round 5, starting client 5/10, id: 7
round 5, starting client 6/10, id: 39
round 5, starting client 7/10, id: 82
round 5, starting client 8/10, id: 74
round 5, starting client 9/10, id: 64
round 5, starting client 10/10, id: 13
round 5, validation acc: 0.6122
starting round 6
clients: [25 79 63 94 61 90 82 91  0 15]
round 6, starting client 1/10, id: 25
round 6, starting client 2/10, id: 79
round 6, starting client 3/10, id: 63
round 6, starting client 4/10, id: 94
round 6, starting client 5/10, id: 61
round 6, starting client 6/10, id: 90
round 6, starting client 7/10, id: 82
round 6, starting client 8/10, id: 91
round 6, starting client 9/10, id: 0
round 6, starting client 10/10, id: 15
round 6, validation acc: 0.6063
starting round 7
clients: [78 23  6 13 75 32 64  3 46 35]
round 7, starting client 1/10, id: 78
round 7, starting client 2/10, id: 23
round 7, starting client 3/10, id: 6
round 7, starting client 4/10, id: 13
round 7, starting client 5/10, id: 75
round 7, starting client 6/10, id: 32
round 7, starting client 7/10, id: 64
round 7, starting client 8/10, id: 3

```



```

round 7, starting client 9/10, id: 46
round 7, starting client 10/10, id: 35
round 7, validation acc: 0.7539
starting round 8
clients: [29 51 27 96 18 70 31 61 40 99]
round 8, starting client 1/10, id: 29
round 8, starting client 2/10, id: 51
round 8, starting client 3/10, id: 27
round 8, starting client 4/10, id: 96
round 8, starting client 5/10, id: 18
round 8, starting client 6/10, id: 70
round 8, starting client 7/10, id: 31
round 8, starting client 8/10, id: 61
round 8, starting client 9/10, id: 40
round 8, starting client 10/10, id: 99
round 8, validation acc: 0.7447
starting round 9
clients: [47 6 87 17 59 4 20 34 9 62]
round 9, starting client 1/10, id: 47
round 9, starting client 2/10, id: 6
round 9, starting client 3/10, id: 87
round 9, starting client 4/10, id: 17
round 9, starting client 5/10, id: 59
round 9, starting client 6/10, id: 4
round 9, starting client 7/10, id: 20
round 9, starting client 8/10, id: 34
round 9, starting client 9/10, id: 9
round 9, starting client 10/10, id: 62
round 9, validation acc: 0.8539
starting round 10
clients: [56 92 3 10 93 33 75 74 94 96]
round 10, starting client 1/10, id: 56
round 10, starting client 2/10, id: 92
round 10, starting client 3/10, id: 3
round 10, starting client 4/10, id: 10
round 10, starting client 5/10, id: 93
round 10, starting client 6/10, id: 33
round 10, starting client 7/10, id: 75
round 10, starting client 8/10, id: 74
round 10, starting client 9/10, id: 94
round 10, starting client 10/10, id: 96
round 10, validation acc: 0.8199
starting round 11
clients: [11 57 42 1 72 90 73 7 18 39]
round 11, starting client 1/10, id: 11
round 11, starting client 2/10, id: 57
round 11, starting client 3/10, id: 42
round 11, starting client 4/10, id: 1

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round 11, starting client 5/10, id: 72
round 11, starting client 6/10, id: 90
round 11, starting client 7/10, id: 73
round 11, starting client 8/10, id: 7
round 11, starting client 9/10, id: 18
round 11, starting client 10/10, id: 39
round 11, validation acc: 0.8353
starting round 12
clients: [89 5 22 27 60 18 63 76 31 75]
round 12, starting client 1/10, id: 89
round 12, starting client 2/10, id: 5
round 12, starting client 3/10, id: 22
round 12, starting client 4/10, id: 27
round 12, starting client 5/10, id: 60
round 12, starting client 6/10, id: 18
round 12, starting client 7/10, id: 63
round 12, starting client 8/10, id: 76
round 12, starting client 9/10, id: 31
round 12, starting client 10/10, id: 75
round 12, validation acc: 0.811
starting round 13
clients: [1 64 67 42 93 47 9 34 91 3]
round 13, starting client 1/10, id: 1
round 13, starting client 2/10, id: 64
round 13, starting client 3/10, id: 67
round 13, starting client 4/10, id: 42
round 13, starting client 5/10, id: 93
round 13, starting client 6/10, id: 47
round 13, starting client 7/10, id: 9
round 13, starting client 8/10, id: 34
round 13, starting client 9/10, id: 91
round 13, starting client 10/10, id: 3
round 13, validation acc: 0.8157
starting round 14
clients: [80 12 66 60 40 30 50 62 48 36]
round 14, starting client 1/10, id: 80
round 14, starting client 2/10, id: 12
round 14, starting client 3/10, id: 66
round 14, starting client 4/10, id: 60
round 14, starting client 5/10, id: 40
round 14, starting client 6/10, id: 30
round 14, starting client 7/10, id: 50
round 14, starting client 8/10, id: 62
round 14, starting client 9/10, id: 48
round 14, starting client 10/10, id: 36
round 14, validation acc: 0.8769
starting round 15
clients: [80 26 92 28 27 25 82 43 36 50]

round 15, starting client 1/10, id: 80
round 15, starting client 2/10, id: 26
round 15, starting client 3/10, id: 92
round 15, starting client 4/10, id: 28
round 15, starting client 5/10, id: 27
round 15, starting client 6/10, id: 25
round 15, starting client 7/10, id: 82
round 15, starting client 8/10, id: 43
round 15, starting client 9/10, id: 36
round 15, starting client 10/10, id: 50
round 15, validation acc: 0.8278
starting round 16
clients: [85 84 3 55 27 99 91 42 72 64]
round 16, starting client 1/10, id: 85
round 16, starting client 2/10, id: 84
round 16, starting client 3/10, id: 3
round 16, starting client 4/10, id: 55
round 16, starting client 5/10, id: 27
round 16, starting client 6/10, id: 99
round 16, starting client 7/10, id: 91
round 16, starting client 8/10, id: 42
round 16, starting client 9/10, id: 72
round 16, starting client 10/10, id: 64
round 16, validation acc: 0.8524
starting round 17
clients: [60 93 97 59 28 53 67 12 36 89]
round 17, starting client 1/10, id: 60
round 17, starting client 2/10, id: 93
round 17, starting client 3/10, id: 97
round 17, starting client 4/10, id: 59
round 17, starting client 5/10, id: 28
round 17, starting client 6/10, id: 53
round 17, starting client 7/10, id: 67
round 17, starting client 8/10, id: 12
round 17, starting client 9/10, id: 36
round 17, starting client 10/10, id: 89
round 17, validation acc: 0.7959
starting round 18
clients: [46 43 89 40 41 6 2 30 33 18]
round 18, starting client 1/10, id: 46
round 18, starting client 2/10, id: 43
round 18, starting client 3/10, id: 89
round 18, starting client 4/10, id: 40
round 18, starting client 5/10, id: 41
round 18, starting client 6/10, id: 6
round 18, starting client 7/10, id: 2
round 18, starting client 8/10, id: 30
round 18, starting client 9/10, id: 33

round 18, starting client 10/10, id: 18
round 18, validation acc: 0.8403
starting round 19
clients: [67 36 47 40 57 66 20 21 74 35]
round 19, starting client 1/10, id: 67
round 19, starting client 2/10, id: 36
round 19, starting client 3/10, id: 47
round 19, starting client 4/10, id: 40
round 19, starting client 5/10, id: 57
round 19, starting client 6/10, id: 66
round 19, starting client 7/10, id: 20
round 19, starting client 8/10, id: 21
round 19, starting client 9/10, id: 74
round 19, starting client 10/10, id: 35
round 19, validation acc: 0.8694
starting round 20
clients: [40 27 38 50 63 69 93 23 2 5]
round 20, starting client 1/10, id: 40
round 20, starting client 2/10, id: 27
round 20, starting client 3/10, id: 38
round 20, starting client 4/10, id: 50
round 20, starting client 5/10, id: 63
round 20, starting client 6/10, id: 69
round 20, starting client 7/10, id: 93
round 20, starting client 8/10, id: 23
round 20, starting client 9/10, id: 2
round 20, starting client 10/10, id: 5
round 20, validation acc: 0.8611
starting round 21
clients: [60 63 18 62 76 52 33 23 37 95]
round 21, starting client 1/10, id: 60
round 21, starting client 2/10, id: 63
round 21, starting client 3/10, id: 18
round 21, starting client 4/10, id: 62
round 21, starting client 5/10, id: 76
round 21, starting client 6/10, id: 52
round 21, starting client 7/10, id: 33
round 21, starting client 8/10, id: 23
round 21, starting client 9/10, id: 37
round 21, starting client 10/10, id: 95
round 21, validation acc: 0.8982
starting round 22
clients: [0 98 35 92 32 86 73 36 24 66]
round 22, starting client 1/10, id: 0
round 22, starting client 2/10, id: 98
round 22, starting client 3/10, id: 35
round 22, starting client 4/10, id: 92
round 22, starting client 5/10, id: 32

round 22, starting client 6/10, id: 86
round 22, starting client 7/10, id: 73
round 22, starting client 8/10, id: 36
round 22, starting client 9/10, id: 24
round 22, starting client 10/10, id: 66
round 22, validation acc: 0.8642
starting round 23
clients: [31 81 4 16 7 71 14 61 65 28]
round 23, starting client 1/10, id: 31
round 23, starting client 2/10, id: 81
round 23, starting client 3/10, id: 4
round 23, starting client 4/10, id: 16
round 23, starting client 5/10, id: 7
round 23, starting client 6/10, id: 71
round 23, starting client 7/10, id: 14
round 23, starting client 8/10, id: 61
round 23, starting client 9/10, id: 65
round 23, starting client 10/10, id: 28
round 23, validation acc: 0.9058
starting round 24
clients: [71 32 11 69 31 58 6 75 86 13]
round 24, starting client 1/10, id: 71
round 24, starting client 2/10, id: 32
round 24, starting client 3/10, id: 11
round 24, starting client 4/10, id: 69
round 24, starting client 5/10, id: 31
round 24, starting client 6/10, id: 58
round 24, starting client 7/10, id: 6
round 24, starting client 8/10, id: 75
round 24, starting client 9/10, id: 86
round 24, starting client 10/10, id: 13
round 24, validation acc: 0.8778
starting round 25
clients: [91 17 65 73 83 87 1 69 14 90]
round 25, starting client 1/10, id: 91
round 25, starting client 2/10, id: 17
round 25, starting client 3/10, id: 65
round 25, starting client 4/10, id: 73
round 25, starting client 5/10, id: 83
round 25, starting client 6/10, id: 87
round 25, starting client 7/10, id: 1
round 25, starting client 8/10, id: 69
round 25, starting client 9/10, id: 14
round 25, starting client 10/10, id: 90
round 25, validation acc: 0.8864
starting round 26
clients: [78 25 27 93 14 57 69 75 29 33]
round 26, starting client 1/10, id: 78

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round 26, starting client 2/10, id: 25
round 26, starting client 3/10, id: 27
round 26, starting client 4/10, id: 93
round 26, starting client 5/10, id: 14
round 26, starting client 6/10, id: 57
round 26, starting client 7/10, id: 69
round 26, starting client 8/10, id: 75
round 26, starting client 9/10, id: 29
round 26, starting client 10/10, id: 33
round 26, validation acc: 0.8832
starting round 27
clients: [68 38 98 83 61 76 0 10 31 26]
round 27, starting client 1/10, id: 68
round 27, starting client 2/10, id: 38
round 27, starting client 3/10, id: 98
round 27, starting client 4/10, id: 83
round 27, starting client 5/10, id: 61
round 27, starting client 6/10, id: 76
round 27, starting client 7/10, id: 0
round 27, starting client 8/10, id: 10
round 27, starting client 9/10, id: 31
round 27, starting client 10/10, id: 26
round 27, validation acc: 0.8394
starting round 28
clients: [59 67 13 91 17 41 97 36 22 62]
round 28, starting client 1/10, id: 59
round 28, starting client 2/10, id: 67
round 28, starting client 3/10, id: 13
round 28, starting client 4/10, id: 91
round 28, starting client 5/10, id: 17
round 28, starting client 6/10, id: 41
round 28, starting client 7/10, id: 97
round 28, starting client 8/10, id: 36
round 28, starting client 9/10, id: 22
round 28, starting client 10/10, id: 62
round 28, validation acc: 0.8894
starting round 29
clients: [40 98 61 71 85 26 6 63 68 72]
round 29, starting client 1/10, id: 40
round 29, starting client 2/10, id: 98
round 29, starting client 3/10, id: 61
round 29, starting client 4/10, id: 71
round 29, starting client 5/10, id: 85
round 29, starting client 6/10, id: 26
round 29, starting client 7/10, id: 6
round 29, starting client 8/10, id: 63
round 29, starting client 9/10, id: 68
round 29, starting client 10/10, id: 72

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round 29, validation acc: 0.8667
starting round 30
clients: [43 74 47 57 10 91 26 63 75 54]
round 30, starting client 1/10, id: 43
round 30, starting client 2/10, id: 74
round 30, starting client 3/10, id: 47
round 30, starting client 4/10, id: 57
round 30, starting client 5/10, id: 10
round 30, starting client 6/10, id: 91
round 30, starting client 7/10, id: 26
round 30, starting client 8/10, id: 63
round 30, starting client 9/10, id: 75
round 30, starting client 10/10, id: 54
round 30, validation acc: 0.907
starting round 31
clients: [58 73 24 71 15 35 32 65 85 31]
round 31, starting client 1/10, id: 58
round 31, starting client 2/10, id: 73
round 31, starting client 3/10, id: 24
round 31, starting client 4/10, id: 71
round 31, starting client 5/10, id: 15
round 31, starting client 6/10, id: 35
round 31, starting client 7/10, id: 32
round 31, starting client 8/10, id: 65
round 31, starting client 9/10, id: 85
round 31, starting client 10/10, id: 31
round 31, validation acc: 0.9157
starting round 32
clients: [95 46 88 84 24 93 69 64 76 38]
round 32, starting client 1/10, id: 95
round 32, starting client 2/10, id: 46
round 32, starting client 3/10, id: 88
round 32, starting client 4/10, id: 84
round 32, starting client 5/10, id: 24
round 32, starting client 6/10, id: 93
round 32, starting client 7/10, id: 69
round 32, starting client 8/10, id: 64
round 32, starting client 9/10, id: 76
round 32, starting client 10/10, id: 38
round 32, validation acc: 0.8956
starting round 33
clients: [55 95 51 13 45 94 93 10 53 82]
round 33, starting client 1/10, id: 55
round 33, starting client 2/10, id: 95
round 33, starting client 3/10, id: 51
round 33, starting client 4/10, id: 13
round 33, starting client 5/10, id: 45
round 33, starting client 6/10, id: 94

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round 33, starting client 7/10, id: 93
round 33, starting client 8/10, id: 10
round 33, starting client 9/10, id: 53
round 33, starting client 10/10, id: 82
round 33, validation acc: 0.9004
starting round 34
clients: [79 95 60 4 31 39 49 69 30 38]
round 34, starting client 1/10, id: 79
round 34, starting client 2/10, id: 95
round 34, starting client 3/10, id: 60
round 34, starting client 4/10, id: 4
round 34, starting client 5/10, id: 31
round 34, starting client 6/10, id: 39
round 34, starting client 7/10, id: 49
round 34, starting client 8/10, id: 69
round 34, starting client 9/10, id: 30
round 34, starting client 10/10, id: 38
round 34, validation acc: 0.888
starting round 35
clients: [20 70 95 78 63 60 2 85 42 66]
round 35, starting client 1/10, id: 20
round 35, starting client 2/10, id: 70
round 35, starting client 3/10, id: 95
round 35, starting client 4/10, id: 78
round 35, starting client 5/10, id: 63
round 35, starting client 6/10, id: 60
round 35, starting client 7/10, id: 2
round 35, starting client 8/10, id: 85
round 35, starting client 9/10, id: 42
round 35, starting client 10/10, id: 66
round 35, validation acc: 0.8883
starting round 36
clients: [4 35 23 57 33 86 67 73 47 95]
round 36, starting client 1/10, id: 4
round 36, starting client 2/10, id: 35
round 36, starting client 3/10, id: 23
round 36, starting client 4/10, id: 57
round 36, starting client 5/10, id: 33
round 36, starting client 6/10, id: 86
round 36, starting client 7/10, id: 67
round 36, starting client 8/10, id: 73
round 36, starting client 9/10, id: 47
round 36, starting client 10/10, id: 95
round 36, validation acc: 0.9028
starting round 37
clients: [66 15 39 22 6 42 4 56 75 57]
round 37, starting client 1/10, id: 66
round 37, starting client 2/10, id: 15

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round 37, starting client 3/10, id: 39
round 37, starting client 4/10, id: 22
round 37, starting client 5/10, id: 6
round 37, starting client 6/10, id: 42
round 37, starting client 7/10, id: 4
round 37, starting client 8/10, id: 56
round 37, starting client 9/10, id: 75
round 37, starting client 10/10, id: 57
round 37, validation acc: 0.8906
starting round 38
clients: [98 37 65 16 96 56 69 61 76 72]
round 38, starting client 1/10, id: 98
round 38, starting client 2/10, id: 37
round 38, starting client 3/10, id: 65
round 38, starting client 4/10, id: 16
round 38, starting client 5/10, id: 96
round 38, starting client 6/10, id: 56
round 38, starting client 7/10, id: 69
round 38, starting client 8/10, id: 61
round 38, starting client 9/10, id: 76
round 38, starting client 10/10, id: 72
round 38, validation acc: 0.9037
starting round 39
clients: [ 6 17 95  3 42 69 11 51 20 44]
round 39, starting client 1/10, id: 6
round 39, starting client 2/10, id: 17
round 39, starting client 3/10, id: 95
round 39, starting client 4/10, id: 3
round 39, starting client 5/10, id: 42
round 39, starting client 6/10, id: 69
round 39, starting client 7/10, id: 11
round 39, starting client 8/10, id: 51
round 39, starting client 9/10, id: 20
round 39, starting client 10/10, id: 44
round 39, validation acc: 0.8734
starting round 40
clients: [85 34  3  6 16 64 43 45 60 22]
round 40, starting client 1/10, id: 85
round 40, starting client 2/10, id: 34
round 40, starting client 3/10, id: 3
round 40, starting client 4/10, id: 6
round 40, starting client 5/10, id: 16
round 40, starting client 6/10, id: 64
round 40, starting client 7/10, id: 43
round 40, starting client 8/10, id: 45
round 40, starting client 9/10, id: 60
round 40, starting client 10/10, id: 22
round 40, validation acc: 0.8147

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starting round 41
clients: [82 84 74 38 17 94 77 25 50 99]
round 41, starting client 1/10, id: 82
round 41, starting client 2/10, id: 84
round 41, starting client 3/10, id: 74
round 41, starting client 4/10, id: 38
round 41, starting client 5/10, id: 17
round 41, starting client 6/10, id: 94
round 41, starting client 7/10, id: 77
round 41, starting client 8/10, id: 25
round 41, starting client 9/10, id: 50
round 41, starting client 10/10, id: 99
round 41, validation acc: 0.914
starting round 42
clients: [52 41 20 98 56 60 88 81 26 45]
round 42, starting client 1/10, id: 52
round 42, starting client 2/10, id: 41
round 42, starting client 3/10, id: 20
round 42, starting client 4/10, id: 98
round 42, starting client 5/10, id: 56
round 42, starting client 6/10, id: 60
round 42, starting client 7/10, id: 88
round 42, starting client 8/10, id: 81
round 42, starting client 9/10, id: 26
round 42, starting client 10/10, id: 45
round 42, validation acc: 0.9129
starting round 43
clients: [79 62 22 97 96 98 91 56 21 40]
round 43, starting client 1/10, id: 79
round 43, starting client 2/10, id: 62
round 43, starting client 3/10, id: 22
round 43, starting client 4/10, id: 97
round 43, starting client 5/10, id: 96
round 43, starting client 6/10, id: 98
round 43, starting client 7/10, id: 91
round 43, starting client 8/10, id: 56
round 43, starting client 9/10, id: 21
round 43, starting client 10/10, id: 40
round 43, validation acc: 0.8932
starting round 44
clients: [31 11 60 40 35 48 14 8 34 3]
round 44, starting client 1/10, id: 31
round 44, starting client 2/10, id: 11
round 44, starting client 3/10, id: 60
round 44, starting client 4/10, id: 40
round 44, starting client 5/10, id: 35
round 44, starting client 6/10, id: 48
round 44, starting client 7/10, id: 14
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round 44, starting client 8/10, id: 8
round 44, starting client 9/10, id: 34
round 44, starting client 10/10, id: 3
round 44, validation acc: 0.8991
starting round 45
clients: [ 6 52 64 69 60 68 42 33  7 67]
round 45, starting client 1/10, id: 6
round 45, starting client 2/10, id: 52
round 45, starting client 3/10, id: 64
round 45, starting client 4/10, id: 69
round 45, starting client 5/10, id: 60
round 45, starting client 6/10, id: 68
round 45, starting client 7/10, id: 42
round 45, starting client 8/10, id: 33
round 45, starting client 9/10, id: 7
round 45, starting client 10/10, id: 67
round 45, validation acc: 0.9255
starting round 46
clients: [37  1 52 28 60 51 36  3 45 31]
round 46, starting client 1/10, id: 37
round 46, starting client 2/10, id: 1
round 46, starting client 3/10, id: 52
round 46, starting client 4/10, id: 28
round 46, starting client 5/10, id: 60
round 46, starting client 6/10, id: 51
round 46, starting client 7/10, id: 36
round 46, starting client 8/10, id: 3
round 46, starting client 9/10, id: 45
round 46, starting client 10/10, id: 31
round 46, validation acc: 0.9005
starting round 47
clients: [52  3 57 71 40 63 27 89 90  8]
round 47, starting client 1/10, id: 52
round 47, starting client 2/10, id: 3
round 47, starting client 3/10, id: 57
round 47, starting client 4/10, id: 71
round 47, starting client 5/10, id: 40
round 47, starting client 6/10, id: 63
round 47, starting client 7/10, id: 27
round 47, starting client 8/10, id: 89
round 47, starting client 9/10, id: 90
round 47, starting client 10/10, id: 8
round 47, validation acc: 0.8648
starting round 48
clients: [97 50  4  7 52 76 42 51 40  6]
round 48, starting client 1/10, id: 97
round 48, starting client 2/10, id: 50
round 48, starting client 3/10, id: 4

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round 48, starting client 4/10, id: 7
round 48, starting client 5/10, id: 52
round 48, starting client 6/10, id: 76
round 48, starting client 7/10, id: 42
round 48, starting client 8/10, id: 51
round 48, starting client 9/10, id: 40
round 48, starting client 10/10, id: 6
round 48, validation acc: 0.8383
starting round 49
clients: [98 56 38 37 49 77 9 83 47 78]
round 49, starting client 1/10, id: 98
round 49, starting client 2/10, id: 56
round 49, starting client 3/10, id: 38
round 49, starting client 4/10, id: 37
round 49, starting client 5/10, id: 49
round 49, starting client 6/10, id: 77
round 49, starting client 7/10, id: 9
round 49, starting client 8/10, id: 83
round 49, starting client 9/10, id: 47
round 49, starting client 10/10, id: 78
round 49, validation acc: 0.9325
starting round 50
clients: [10 6 34 87 73 76 59 14 65 80]
round 50, starting client 1/10, id: 10
round 50, starting client 2/10, id: 6
round 50, starting client 3/10, id: 34
round 50, starting client 4/10, id: 87
round 50, starting client 5/10, id: 73
round 50, starting client 6/10, id: 76
round 50, starting client 7/10, id: 59
round 50, starting client 8/10, id: 14
round 50, starting client 9/10, id: 65
round 50, starting client 10/10, id: 80
round 50, validation acc: 0.9289
starting round 51
clients: [27 73 80 87 46 85 89 57 33 75]
round 51, starting client 1/10, id: 27
round 51, starting client 2/10, id: 73
round 51, starting client 3/10, id: 80
round 51, starting client 4/10, id: 87
round 51, starting client 5/10, id: 46
round 51, starting client 6/10, id: 85
round 51, starting client 7/10, id: 89
round 51, starting client 8/10, id: 57
round 51, starting client 9/10, id: 33
round 51, starting client 10/10, id: 75
round 51, validation acc: 0.9226
starting round 52

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clients: [52 46 96 50 7 56 44 85 15 21]
round 52, starting client 1/10, id: 52
round 52, starting client 2/10, id: 46
round 52, starting client 3/10, id: 96
round 52, starting client 4/10, id: 50
round 52, starting client 5/10, id: 7
round 52, starting client 6/10, id: 56
round 52, starting client 7/10, id: 44
round 52, starting client 8/10, id: 85
round 52, starting client 9/10, id: 15
round 52, starting client 10/10, id: 21
round 52, validation acc: 0.8516
starting round 53
clients: [15 70 30 92 41 34 29 1 10 14]
round 53, starting client 1/10, id: 15
round 53, starting client 2/10, id: 70
round 53, starting client 3/10, id: 30
round 53, starting client 4/10, id: 92
round 53, starting client 5/10, id: 41
round 53, starting client 6/10, id: 34
round 53, starting client 7/10, id: 29
round 53, starting client 8/10, id: 1
round 53, starting client 9/10, id: 10
round 53, starting client 10/10, id: 14
round 53, validation acc: 0.8905
starting round 54
clients: [49 61 73 87 55 59 5 46 33 17]
round 54, starting client 1/10, id: 49
round 54, starting client 2/10, id: 61
round 54, starting client 3/10, id: 73
round 54, starting client 4/10, id: 87
round 54, starting client 5/10, id: 55
round 54, starting client 6/10, id: 59
round 54, starting client 7/10, id: 5
round 54, starting client 8/10, id: 46
round 54, starting client 9/10, id: 33
round 54, starting client 10/10, id: 17
round 54, validation acc: 0.9257
starting round 55
clients: [71 95 88 80 69 62 99 86 67 60]
round 55, starting client 1/10, id: 71
round 55, starting client 2/10, id: 95
round 55, starting client 3/10, id: 88
round 55, starting client 4/10, id: 80
round 55, starting client 5/10, id: 69
round 55, starting client 6/10, id: 62
round 55, starting client 7/10, id: 99
round 55, starting client 8/10, id: 86

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round 55, starting client 9/10, id: 67
round 55, starting client 10/10, id: 60
round 55, validation acc: 0.9226
starting round 56
clients: [15 26 55 38 96 20 90 54 19 47]
round 56, starting client 1/10, id: 15
round 56, starting client 2/10, id: 26
round 56, starting client 3/10, id: 55
round 56, starting client 4/10, id: 38
round 56, starting client 5/10, id: 96
round 56, starting client 6/10, id: 20
round 56, starting client 7/10, id: 90
round 56, starting client 8/10, id: 54
round 56, starting client 9/10, id: 19
round 56, starting client 10/10, id: 47
round 56, validation acc: 0.9323
starting round 57
clients: [52 73 16 79 93 50 26 25 8 56]
round 57, starting client 1/10, id: 52
round 57, starting client 2/10, id: 73
round 57, starting client 3/10, id: 16
round 57, starting client 4/10, id: 79
round 57, starting client 5/10, id: 93
round 57, starting client 6/10, id: 50
round 57, starting client 7/10, id: 26
round 57, starting client 8/10, id: 25
round 57, starting client 9/10, id: 8
round 57, starting client 10/10, id: 56
round 57, validation acc: 0.9224
starting round 58
clients: [14 20 91 65 64 10 4 39 13 32]
round 58, starting client 1/10, id: 14
round 58, starting client 2/10, id: 20
round 58, starting client 3/10, id: 91
round 58, starting client 4/10, id: 65
round 58, starting client 5/10, id: 64
round 58, starting client 6/10, id: 10
round 58, starting client 7/10, id: 4
round 58, starting client 8/10, id: 39
round 58, starting client 9/10, id: 13
round 58, starting client 10/10, id: 32
round 58, validation acc: 0.9177
starting round 59
clients: [37 3 0 82 60 54 22 98 89 14]
round 59, starting client 1/10, id: 37
round 59, starting client 2/10, id: 3
round 59, starting client 3/10, id: 0
round 59, starting client 4/10, id: 82

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round 59, starting client 5/10, id: 60
round 59, starting client 6/10, id: 54
round 59, starting client 7/10, id: 22
round 59, starting client 8/10, id: 98
round 59, starting client 9/10, id: 89
round 59, starting client 10/10, id: 14
round 59, validation acc: 0.9164
starting round 60
clients: [96 12 8 9 81 77 19 97 26 7]
round 60, starting client 1/10, id: 96
round 60, starting client 2/10, id: 12
round 60, starting client 3/10, id: 8
round 60, starting client 4/10, id: 9
round 60, starting client 5/10, id: 81
round 60, starting client 6/10, id: 77
round 60, starting client 7/10, id: 19
round 60, starting client 8/10, id: 97
round 60, starting client 9/10, id: 26
round 60, starting client 10/10, id: 7
round 60, validation acc: 0.9302
starting round 61
clients: [87 23 98 49 90 32 33 89 8 76]
round 61, starting client 1/10, id: 87
round 61, starting client 2/10, id: 23
round 61, starting client 3/10, id: 98
round 61, starting client 4/10, id: 49
round 61, starting client 5/10, id: 90
round 61, starting client 6/10, id: 32
round 61, starting client 7/10, id: 33
round 61, starting client 8/10, id: 89
round 61, starting client 9/10, id: 8
round 61, starting client 10/10, id: 76
round 61, validation acc: 0.9366
starting round 62
clients: [66 43 45 30 12 71 84 54 26 44]
round 62, starting client 1/10, id: 66
round 62, starting client 2/10, id: 43
round 62, starting client 3/10, id: 45
round 62, starting client 4/10, id: 30
round 62, starting client 5/10, id: 12
round 62, starting client 6/10, id: 71
round 62, starting client 7/10, id: 84
round 62, starting client 8/10, id: 54
round 62, starting client 9/10, id: 26
round 62, starting client 10/10, id: 44
round 62, validation acc: 0.9355
starting round 63
clients: [27 58 54 63 18 86 87 91 53 93]

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round 63, starting client 1/10, id: 27
round 63, starting client 2/10, id: 58
round 63, starting client 3/10, id: 54
round 63, starting client 4/10, id: 63
round 63, starting client 5/10, id: 18
round 63, starting client 6/10, id: 86
round 63, starting client 7/10, id: 87
round 63, starting client 8/10, id: 91
round 63, starting client 9/10, id: 53
round 63, starting client 10/10, id: 93
round 63, validation acc: 0.9264
starting round 64
clients: [21 18 97 9 91 85 6 2 73 24]
round 64, starting client 1/10, id: 21
round 64, starting client 2/10, id: 18
round 64, starting client 3/10, id: 97
round 64, starting client 4/10, id: 9
round 64, starting client 5/10, id: 91
round 64, starting client 6/10, id: 85
round 64, starting client 7/10, id: 6
round 64, starting client 8/10, id: 2
round 64, starting client 9/10, id: 73
round 64, starting client 10/10, id: 24
round 64, validation acc: 0.9356
starting round 65
clients: [76 73 56 53 45 68 91 0 33 65]
round 65, starting client 1/10, id: 76
round 65, starting client 2/10, id: 73
round 65, starting client 3/10, id: 56
round 65, starting client 4/10, id: 53
round 65, starting client 5/10, id: 45
round 65, starting client 6/10, id: 68
round 65, starting client 7/10, id: 91
round 65, starting client 8/10, id: 0
round 65, starting client 9/10, id: 33
round 65, starting client 10/10, id: 65
round 65, validation acc: 0.9392
starting round 66
clients: [80 66 45 75 92 56 61 42 2 46]
round 66, starting client 1/10, id: 80
round 66, starting client 2/10, id: 66
round 66, starting client 3/10, id: 45
round 66, starting client 4/10, id: 75
round 66, starting client 5/10, id: 92
round 66, starting client 6/10, id: 56
round 66, starting client 7/10, id: 61
round 66, starting client 8/10, id: 42
round 66, starting client 9/10, id: 2

round 66, starting client 10/10, id: 46
round 66, validation acc: 0.9381
starting round 67
clients: [18 20 1 99 38 56 74 17 61 60]
round 67, starting client 1/10, id: 18
round 67, starting client 2/10, id: 20
round 67, starting client 3/10, id: 1
round 67, starting client 4/10, id: 99
round 67, starting client 5/10, id: 38
round 67, starting client 6/10, id: 56
round 67, starting client 7/10, id: 74
round 67, starting client 8/10, id: 17
round 67, starting client 9/10, id: 61
round 67, starting client 10/10, id: 60
round 67, validation acc: 0.9252
starting round 68
clients: [65 70 91 4 72 73 53 36 50 5]
round 68, starting client 1/10, id: 65
round 68, starting client 2/10, id: 70
round 68, starting client 3/10, id: 91
round 68, starting client 4/10, id: 4
round 68, starting client 5/10, id: 72
round 68, starting client 6/10, id: 73
round 68, starting client 7/10, id: 53
round 68, starting client 8/10, id: 36
round 68, starting client 9/10, id: 50
round 68, starting client 10/10, id: 5
round 68, validation acc: 0.9402
starting round 69
clients: [22 74 54 84 77 16 99 36 23 97]
round 69, starting client 1/10, id: 22
round 69, starting client 2/10, id: 74
round 69, starting client 3/10, id: 54
round 69, starting client 4/10, id: 84
round 69, starting client 5/10, id: 77
round 69, starting client 6/10, id: 16
round 69, starting client 7/10, id: 99
round 69, starting client 8/10, id: 36
round 69, starting client 9/10, id: 23
round 69, starting client 10/10, id: 97
round 69, validation acc: 0.9326
starting round 70
clients: [83 49 78 50 63 73 88 75 1 9]
round 70, starting client 1/10, id: 83
round 70, starting client 2/10, id: 49
round 70, starting client 3/10, id: 78
round 70, starting client 4/10, id: 50
round 70, starting client 5/10, id: 63

round 70, starting client 6/10, id: 73
round 70, starting client 7/10, id: 88
round 70, starting client 8/10, id: 75
round 70, starting client 9/10, id: 1
round 70, starting client 10/10, id: 9
round 70, validation acc: 0.9369
starting round 71
clients: [9 40 74 56 28 76 14 59 31 20]
round 71, starting client 1/10, id: 9
round 71, starting client 2/10, id: 40
round 71, starting client 3/10, id: 74
round 71, starting client 4/10, id: 56
round 71, starting client 5/10, id: 28
round 71, starting client 6/10, id: 76
round 71, starting client 7/10, id: 14
round 71, starting client 8/10, id: 59
round 71, starting client 9/10, id: 31
round 71, starting client 10/10, id: 20
round 71, validation acc: 0.9195
starting round 72
clients: [34 58 35 32 69 31 75 18 38 7]
round 72, starting client 1/10, id: 34
round 72, starting client 2/10, id: 58
round 72, starting client 3/10, id: 35
round 72, starting client 4/10, id: 32
round 72, starting client 5/10, id: 69
round 72, starting client 6/10, id: 31
round 72, starting client 7/10, id: 75
round 72, starting client 8/10, id: 18
round 72, starting client 9/10, id: 38
round 72, starting client 10/10, id: 7
round 72, validation acc: 0.933
starting round 73
clients: [80 50 17 70 53 98 90 23 13 37]
round 73, starting client 1/10, id: 80
round 73, starting client 2/10, id: 50
round 73, starting client 3/10, id: 17
round 73, starting client 4/10, id: 70
round 73, starting client 5/10, id: 53
round 73, starting client 6/10, id: 98
round 73, starting client 7/10, id: 90
round 73, starting client 8/10, id: 23
round 73, starting client 9/10, id: 13
round 73, starting client 10/10, id: 37
round 73, validation acc: 0.937
starting round 74
clients: [77 80 19 29 94 49 33 4 28 99]
round 74, starting client 1/10, id: 77

round 74, starting client 2/10, id: 80
round 74, starting client 3/10, id: 19
round 74, starting client 4/10, id: 29
round 74, starting client 5/10, id: 94
round 74, starting client 6/10, id: 49
round 74, starting client 7/10, id: 33
round 74, starting client 8/10, id: 4
round 74, starting client 9/10, id: 28
round 74, starting client 10/10, id: 99
round 74, validation acc: 0.9384
starting round 75
clients: [94 25 51 42 84 0 60 31 93 69]
round 75, starting client 1/10, id: 94
round 75, starting client 2/10, id: 25
round 75, starting client 3/10, id: 51
round 75, starting client 4/10, id: 42
round 75, starting client 5/10, id: 84
round 75, starting client 6/10, id: 0
round 75, starting client 7/10, id: 60
round 75, starting client 8/10, id: 31
round 75, starting client 9/10, id: 93
round 75, starting client 10/10, id: 69
round 75, validation acc: 0.9325
starting round 76
clients: [96 98 57 78 31 51 83 6 48 39]
round 76, starting client 1/10, id: 96
round 76, starting client 2/10, id: 98
round 76, starting client 3/10, id: 57
round 76, starting client 4/10, id: 78
round 76, starting client 5/10, id: 31
round 76, starting client 6/10, id: 51
round 76, starting client 7/10, id: 83
round 76, starting client 8/10, id: 6
round 76, starting client 9/10, id: 48
round 76, starting client 10/10, id: 39
round 76, validation acc: 0.9402
starting round 77
clients: [78 83 80 61 58 33 35 13 42 11]
round 77, starting client 1/10, id: 78
round 77, starting client 2/10, id: 83
round 77, starting client 3/10, id: 80
round 77, starting client 4/10, id: 61
round 77, starting client 5/10, id: 58
round 77, starting client 6/10, id: 33
round 77, starting client 7/10, id: 35
round 77, starting client 8/10, id: 13
round 77, starting client 9/10, id: 42
round 77, starting client 10/10, id: 11

round 77, validation acc: 0.9072
starting round 78
clients: [42 24 0 32 64 12 31 5 66 57]
round 78, starting client 1/10, id: 42
round 78, starting client 2/10, id: 24
round 78, starting client 3/10, id: 0
round 78, starting client 4/10, id: 32
round 78, starting client 5/10, id: 64
round 78, starting client 6/10, id: 12
round 78, starting client 7/10, id: 31
round 78, starting client 8/10, id: 5
round 78, starting client 9/10, id: 66
round 78, starting client 10/10, id: 57
round 78, validation acc: 0.9367
starting round 79
clients: [12 77 2 84 30 32 47 73 1 66]
round 79, starting client 1/10, id: 12
round 79, starting client 2/10, id: 77
round 79, starting client 3/10, id: 2
round 79, starting client 4/10, id: 84
round 79, starting client 5/10, id: 30
round 79, starting client 6/10, id: 32
round 79, starting client 7/10, id: 47
round 79, starting client 8/10, id: 73
round 79, starting client 9/10, id: 1
round 79, starting client 10/10, id: 66
round 79, validation acc: 0.9445
starting round 80
clients: [25 91 5 9 87 10 69 20 28 52]
round 80, starting client 1/10, id: 25
round 80, starting client 2/10, id: 91
round 80, starting client 3/10, id: 5
round 80, starting client 4/10, id: 9
round 80, starting client 5/10, id: 87
round 80, starting client 6/10, id: 10
round 80, starting client 7/10, id: 69
round 80, starting client 8/10, id: 20
round 80, starting client 9/10, id: 28
round 80, starting client 10/10, id: 52
round 80, validation acc: 0.9297
starting round 81
clients: [53 75 9 10 62 68 94 11 4 79]
round 81, starting client 1/10, id: 53
round 81, starting client 2/10, id: 75
round 81, starting client 3/10, id: 9
round 81, starting client 4/10, id: 10
round 81, starting client 5/10, id: 62
round 81, starting client 6/10, id: 68

round 81, starting client 7/10, id: 94
 round 81, starting client 8/10, id: 11
 round 81, starting client 9/10, id: 4
 round 81, starting client 10/10, id: 79
 round 81, validation acc: 0.9171
 starting round 82
 clients: [92 68 19 37 3 34 71 87 40 51]
 round 82, starting client 1/10, id: 92
 round 82, starting client 2/10, id: 68
 round 82, starting client 3/10, id: 19
 round 82, starting client 4/10, id: 37
 round 82, starting client 5/10, id: 3
 round 82, starting client 6/10, id: 34
 round 82, starting client 7/10, id: 71
 round 82, starting client 8/10, id: 87
 round 82, starting client 9/10, id: 40
 round 82, starting client 10/10, id: 51
 round 82, validation acc: 0.9507
 starting round 83
 clients: [1 47 15 96 98 41 83 24 14 93]
 round 83, starting client 1/10, id: 1
 round 83, starting client 2/10, id: 47
 round 83, starting client 3/10, id: 15
 round 83, starting client 4/10, id: 96
 round 83, starting client 5/10, id: 98
 round 83, starting client 6/10, id: 41
 round 83, starting client 7/10, id: 83
 round 83, starting client 8/10, id: 24
 round 83, starting client 9/10, id: 14
 round 83, starting client 10/10, id: 93
 round 83, validation acc: 0.9332
 starting round 84
 clients: [55 29 9 93 95 81 79 86 41 89]
 round 84, starting client 1/10, id: 55
 round 84, starting client 2/10, id: 29
 round 84, starting client 3/10, id: 9
 round 84, starting client 4/10, id: 93
 round 84, starting client 5/10, id: 95
 round 84, starting client 6/10, id: 81
 round 84, starting client 7/10, id: 79
 round 84, starting client 8/10, id: 86
 round 84, starting client 9/10, id: 41
 round 84, starting client 10/10, id: 89
 round 84, validation acc: 0.9466
 starting round 85
 clients: [57 12 26 30 52 85 46 90 23 44]
 round 85, starting client 1/10, id: 57
 round 85, starting client 2/10, id: 12

round 85, starting client 3/10, id: 26
round 85, starting client 4/10, id: 30
round 85, starting client 5/10, id: 52
round 85, starting client 6/10, id: 85
round 85, starting client 7/10, id: 46
round 85, starting client 8/10, id: 90
round 85, starting client 9/10, id: 23
round 85, starting client 10/10, id: 44
round 85, validation acc: 0.9427
starting round 86
clients: [79 82 13 67 91 49 61 66 48 6]
round 86, starting client 1/10, id: 79
round 86, starting client 2/10, id: 82
round 86, starting client 3/10, id: 13
round 86, starting client 4/10, id: 67
round 86, starting client 5/10, id: 91
round 86, starting client 6/10, id: 49
round 86, starting client 7/10, id: 61
round 86, starting client 8/10, id: 66
round 86, starting client 9/10, id: 48
round 86, starting client 10/10, id: 6
round 86, validation acc: 0.9369
starting round 87
clients: [78 46 53 17 24 1 60 59 91 28]
round 87, starting client 1/10, id: 78
round 87, starting client 2/10, id: 46
round 87, starting client 3/10, id: 53
round 87, starting client 4/10, id: 17
round 87, starting client 5/10, id: 24
round 87, starting client 6/10, id: 1
round 87, starting client 7/10, id: 60
round 87, starting client 8/10, id: 59
round 87, starting client 9/10, id: 91
round 87, starting client 10/10, id: 28
round 87, validation acc: 0.9305
starting round 88
clients: [43 95 37 81 38 48 19 67 11 18]
round 88, starting client 1/10, id: 43
round 88, starting client 2/10, id: 95
round 88, starting client 3/10, id: 37
round 88, starting client 4/10, id: 81
round 88, starting client 5/10, id: 38
round 88, starting client 6/10, id: 48
round 88, starting client 7/10, id: 19
round 88, starting client 8/10, id: 67
round 88, starting client 9/10, id: 11
round 88, starting client 10/10, id: 18
round 88, validation acc: 0.9476

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starting round 89
clients: [41 45 19 28 80 51 57 91 87 73]
round 89, starting client 1/10, id: 41
round 89, starting client 2/10, id: 45
round 89, starting client 3/10, id: 19
round 89, starting client 4/10, id: 28
round 89, starting client 5/10, id: 80
round 89, starting client 6/10, id: 51
round 89, starting client 7/10, id: 57
round 89, starting client 8/10, id: 91
round 89, starting client 9/10, id: 87
round 89, starting client 10/10, id: 73
round 89, validation acc: 0.9358
starting round 90
clients: [31 18 34 29 26 15 76 6 50 85]
round 90, starting client 1/10, id: 31
round 90, starting client 2/10, id: 18
round 90, starting client 3/10, id: 34
round 90, starting client 4/10, id: 29
round 90, starting client 5/10, id: 26
round 90, starting client 6/10, id: 15
round 90, starting client 7/10, id: 76
round 90, starting client 8/10, id: 6
round 90, starting client 9/10, id: 50
round 90, starting client 10/10, id: 85
round 90, validation acc: 0.942
starting round 91
clients: [61 71 42 33 73 60 3 25 16 47]
round 91, starting client 1/10, id: 61
round 91, starting client 2/10, id: 71
round 91, starting client 3/10, id: 42
round 91, starting client 4/10, id: 33
round 91, starting client 5/10, id: 73
round 91, starting client 6/10, id: 60
round 91, starting client 7/10, id: 3
round 91, starting client 8/10, id: 25
round 91, starting client 9/10, id: 16
round 91, starting client 10/10, id: 47
round 91, validation acc: 0.9252
starting round 92
clients: [97 15 49 96 41 82 10 48 34 32]
round 92, starting client 1/10, id: 97
round 92, starting client 2/10, id: 15
round 92, starting client 3/10, id: 49
round 92, starting client 4/10, id: 96
round 92, starting client 5/10, id: 41
round 92, starting client 6/10, id: 82
round 92, starting client 7/10, id: 10

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round 92, starting client 8/10, id: 48
round 92, starting client 9/10, id: 34
round 92, starting client 10/10, id: 32
round 92, validation acc: 0.9321
starting round 93
clients: [41 98 0 97 71 31 28 10 3 33]
round 93, starting client 1/10, id: 41
round 93, starting client 2/10, id: 98
round 93, starting client 3/10, id: 0
round 93, starting client 4/10, id: 97
round 93, starting client 5/10, id: 71
round 93, starting client 6/10, id: 31
round 93, starting client 7/10, id: 28
round 93, starting client 8/10, id: 10
round 93, starting client 9/10, id: 3
round 93, starting client 10/10, id: 33
round 93, validation acc: 0.9393
starting round 94
clients: [42 81 96 70 94 80 22 51 40 15]
round 94, starting client 1/10, id: 42
round 94, starting client 2/10, id: 81
round 94, starting client 3/10, id: 96
round 94, starting client 4/10, id: 70
round 94, starting client 5/10, id: 94
round 94, starting client 6/10, id: 80
round 94, starting client 7/10, id: 22
round 94, starting client 8/10, id: 51
round 94, starting client 9/10, id: 40
round 94, starting client 10/10, id: 15
round 94, validation acc: 0.9339
starting round 95
clients: [34 88 91 72 40 89 99 36 14 39]
round 95, starting client 1/10, id: 34
round 95, starting client 2/10, id: 88
round 95, starting client 3/10, id: 91
round 95, starting client 4/10, id: 72
round 95, starting client 5/10, id: 40
round 95, starting client 6/10, id: 89
round 95, starting client 7/10, id: 99
round 95, starting client 8/10, id: 36
round 95, starting client 9/10, id: 14
round 95, starting client 10/10, id: 39
round 95, validation acc: 0.9429
starting round 96
clients: [20 68 16 74 44 49 61 92 52 43]
round 96, starting client 1/10, id: 20
round 96, starting client 2/10, id: 68
round 96, starting client 3/10, id: 16

round 96, starting client 4/10, id: 74
round 96, starting client 5/10, id: 44
round 96, starting client 6/10, id: 49
round 96, starting client 7/10, id: 61
round 96, starting client 8/10, id: 92
round 96, starting client 9/10, id: 52
round 96, starting client 10/10, id: 43
round 96, validation acc: 0.9351
starting round 97
clients: [31 58 14 25 65 15 46 82 70 48]
round 97, starting client 1/10, id: 31
round 97, starting client 2/10, id: 58
round 97, starting client 3/10, id: 14
round 97, starting client 4/10, id: 25
round 97, starting client 5/10, id: 65
round 97, starting client 6/10, id: 15
round 97, starting client 7/10, id: 46
round 97, starting client 8/10, id: 82
round 97, starting client 9/10, id: 70
round 97, starting client 10/10, id: 48
round 97, validation acc: 0.9412
starting round 98
clients: [68 35 84 53 79 70 61 85 25 73]
round 98, starting client 1/10, id: 68
round 98, starting client 2/10, id: 35
round 98, starting client 3/10, id: 84
round 98, starting client 4/10, id: 53
round 98, starting client 5/10, id: 79
round 98, starting client 6/10, id: 70
round 98, starting client 7/10, id: 61
round 98, starting client 8/10, id: 85
round 98, starting client 9/10, id: 25
round 98, starting client 10/10, id: 73
round 98, validation acc: 0.9423
starting round 99
clients: [57 34 16 78 69 95 83 50 68 21]
round 99, starting client 1/10, id: 57
round 99, starting client 2/10, id: 34
round 99, starting client 3/10, id: 16
round 99, starting client 4/10, id: 78
round 99, starting client 5/10, id: 69
round 99, starting client 6/10, id: 95
round 99, starting client 7/10, id: 83
round 99, starting client 8/10, id: 50
round 99, starting client 9/10, id: 68
round 99, starting client 10/10, id: 21
round 99, validation acc: 0.9331
starting round 100

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clients: [50 65 15 41 94 77 43 61 53 55]
round 100, starting client 1/10, id: 50
round 100, starting client 2/10, id: 65
round 100, starting client 3/10, id: 15
round 100, starting client 4/10, id: 41
round 100, starting client 5/10, id: 94
round 100, starting client 6/10, id: 77
round 100, starting client 7/10, id: 43
round 100, starting client 8/10, id: 61
round 100, starting client 9/10, id: 53
round 100, starting client 10/10, id: 55
round 100, validation acc: 0.9433
starting round 101
clients: [ 9 33 77 96  1 45 82  4 69 19]
round 101, starting client 1/10, id: 9
round 101, starting client 2/10, id: 33
round 101, starting client 3/10, id: 77
round 101, starting client 4/10, id: 96
round 101, starting client 5/10, id: 1
round 101, starting client 6/10, id: 45
round 101, starting client 7/10, id: 82
round 101, starting client 8/10, id: 4
round 101, starting client 9/10, id: 69
round 101, starting client 10/10, id: 19
round 101, validation acc: 0.9509
starting round 102
clients: [98 70 26 43 28 58 17 59 30  1]
round 102, starting client 1/10, id: 98
round 102, starting client 2/10, id: 70
round 102, starting client 3/10, id: 26
round 102, starting client 4/10, id: 43
round 102, starting client 5/10, id: 28
round 102, starting client 6/10, id: 58
round 102, starting client 7/10, id: 17
round 102, starting client 8/10, id: 59
round 102, starting client 9/10, id: 30
round 102, starting client 10/10, id: 1
round 102, validation acc: 0.9423
starting round 103
clients: [37 86 59 67 36 88 22 89  2 61]
round 103, starting client 1/10, id: 37
round 103, starting client 2/10, id: 86
round 103, starting client 3/10, id: 59
round 103, starting client 4/10, id: 67
round 103, starting client 5/10, id: 36
round 103, starting client 6/10, id: 88
round 103, starting client 7/10, id: 22
round 103, starting client 8/10, id: 89

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round 103, starting client 9/10, id: 2
round 103, starting client 10/10, id: 61
round 103, validation acc: 0.9479
starting round 104
clients: [35 64 57 19 13 73 79 60 97 44]
round 104, starting client 1/10, id: 35
round 104, starting client 2/10, id: 64
round 104, starting client 3/10, id: 57
round 104, starting client 4/10, id: 19
round 104, starting client 5/10, id: 13
round 104, starting client 6/10, id: 73
round 104, starting client 7/10, id: 79
round 104, starting client 8/10, id: 60
round 104, starting client 9/10, id: 97
round 104, starting client 10/10, id: 44
round 104, validation acc: 0.9529
starting round 105
clients: [9 59 52 29 51 33 30 98 3 63]
round 105, starting client 1/10, id: 9
round 105, starting client 2/10, id: 59
round 105, starting client 3/10, id: 52
round 105, starting client 4/10, id: 29
round 105, starting client 5/10, id: 51
round 105, starting client 6/10, id: 33
round 105, starting client 7/10, id: 30
round 105, starting client 8/10, id: 98
round 105, starting client 9/10, id: 3
round 105, starting client 10/10, id: 63
round 105, validation acc: 0.9392
starting round 106
clients: [53 28 22 14 18 25 23 71 87 63]
round 106, starting client 1/10, id: 53
round 106, starting client 2/10, id: 28
round 106, starting client 3/10, id: 22
round 106, starting client 4/10, id: 14
round 106, starting client 5/10, id: 18
round 106, starting client 6/10, id: 25
round 106, starting client 7/10, id: 23
round 106, starting client 8/10, id: 71
round 106, starting client 9/10, id: 87
round 106, starting client 10/10, id: 63
round 106, validation acc: 0.9112
starting round 107
clients: [53 46 36 77 35 51 20 99 40 11]
round 107, starting client 1/10, id: 53
round 107, starting client 2/10, id: 46
round 107, starting client 3/10, id: 36
round 107, starting client 4/10, id: 77

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round 107, starting client 5/10, id: 35
round 107, starting client 6/10, id: 51
round 107, starting client 7/10, id: 20
round 107, starting client 8/10, id: 99
round 107, starting client 9/10, id: 40
round 107, starting client 10/10, id: 11
round 107, validation acc: 0.951
starting round 108
clients: [18 76 65 1 9 86 3 60 84 48]
round 108, starting client 1/10, id: 18
round 108, starting client 2/10, id: 76
round 108, starting client 3/10, id: 65
round 108, starting client 4/10, id: 1
round 108, starting client 5/10, id: 9
round 108, starting client 6/10, id: 86
round 108, starting client 7/10, id: 3
round 108, starting client 8/10, id: 60
round 108, starting client 9/10, id: 84
round 108, starting client 10/10, id: 48
round 108, validation acc: 0.9498
starting round 109
clients: [36 97 76 19 68 51 87 49 64 10]
round 109, starting client 1/10, id: 36
round 109, starting client 2/10, id: 97
round 109, starting client 3/10, id: 76
round 109, starting client 4/10, id: 19
round 109, starting client 5/10, id: 68
round 109, starting client 6/10, id: 51
round 109, starting client 7/10, id: 87
round 109, starting client 8/10, id: 49
round 109, starting client 9/10, id: 64
round 109, starting client 10/10, id: 10
round 109, validation acc: 0.9551
starting round 110
clients: [91 89 46 94 41 72 35 44 7 80]
round 110, starting client 1/10, id: 91
round 110, starting client 2/10, id: 89
round 110, starting client 3/10, id: 46
round 110, starting client 4/10, id: 94
round 110, starting client 5/10, id: 41
round 110, starting client 6/10, id: 72
round 110, starting client 7/10, id: 35
round 110, starting client 8/10, id: 44
round 110, starting client 9/10, id: 7
round 110, starting client 10/10, id: 80
round 110, validation acc: 0.9515
starting round 111
clients: [31 49 53 62 68 79 48 97 74 73]

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round 111, starting client 1/10, id: 31
round 111, starting client 2/10, id: 49
round 111, starting client 3/10, id: 53
round 111, starting client 4/10, id: 62
round 111, starting client 5/10, id: 68
round 111, starting client 6/10, id: 79
round 111, starting client 7/10, id: 48
round 111, starting client 8/10, id: 97
round 111, starting client 9/10, id: 74
round 111, starting client 10/10, id: 73
round 111, validation acc: 0.947
starting round 112
clients: [27 73 55 65 72 93 44 68 30 13]
round 112, starting client 1/10, id: 27
round 112, starting client 2/10, id: 73
round 112, starting client 3/10, id: 55
round 112, starting client 4/10, id: 65
round 112, starting client 5/10, id: 72
round 112, starting client 6/10, id: 93
round 112, starting client 7/10, id: 44
round 112, starting client 8/10, id: 68
round 112, starting client 9/10, id: 30
round 112, starting client 10/10, id: 13
round 112, validation acc: 0.9446
starting round 113
clients: [83 53 33 84 44 64 21 57 38 5]
round 113, starting client 1/10, id: 83
round 113, starting client 2/10, id: 53
round 113, starting client 3/10, id: 33
round 113, starting client 4/10, id: 84
round 113, starting client 5/10, id: 44
round 113, starting client 6/10, id: 64
round 113, starting client 7/10, id: 21
round 113, starting client 8/10, id: 57
round 113, starting client 9/10, id: 38
round 113, starting client 10/10, id: 5
round 113, validation acc: 0.9544
starting round 114
clients: [31 22 10 16 20 97 34 64 3 51]
round 114, starting client 1/10, id: 31
round 114, starting client 2/10, id: 22
round 114, starting client 3/10, id: 10
round 114, starting client 4/10, id: 16
round 114, starting client 5/10, id: 20
round 114, starting client 6/10, id: 97
round 114, starting client 7/10, id: 34
round 114, starting client 8/10, id: 64
round 114, starting client 9/10, id: 3

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round 114, starting client 10/10, id: 51
round 114, validation acc: 0.9533
starting round 115
clients: [55 30 31 64 48 19 84 83 81 51]
round 115, starting client 1/10, id: 55
round 115, starting client 2/10, id: 30
round 115, starting client 3/10, id: 31
round 115, starting client 4/10, id: 64
round 115, starting client 5/10, id: 48
round 115, starting client 6/10, id: 19
round 115, starting client 7/10, id: 84
round 115, starting client 8/10, id: 83
round 115, starting client 9/10, id: 81
round 115, starting client 10/10, id: 51
round 115, validation acc: 0.9528
starting round 116
clients: [15 80 56 7 22 28 82 52 20 97]
round 116, starting client 1/10, id: 15
round 116, starting client 2/10, id: 80
round 116, starting client 3/10, id: 56
round 116, starting client 4/10, id: 7
round 116, starting client 5/10, id: 22
round 116, starting client 6/10, id: 28
round 116, starting client 7/10, id: 82
round 116, starting client 8/10, id: 52
round 116, starting client 9/10, id: 20
round 116, starting client 10/10, id: 97
round 116, validation acc: 0.9472
starting round 117
clients: [82 13 69 42 71 11 6 38 43 97]
round 117, starting client 1/10, id: 82
round 117, starting client 2/10, id: 13
round 117, starting client 3/10, id: 69
round 117, starting client 4/10, id: 42
round 117, starting client 5/10, id: 71
round 117, starting client 6/10, id: 11
round 117, starting client 7/10, id: 6
round 117, starting client 8/10, id: 38
round 117, starting client 9/10, id: 43
round 117, starting client 10/10, id: 97
round 117, validation acc: 0.9524
starting round 118
clients: [92 94 7 90 9 10 31 15 75 2]
round 118, starting client 1/10, id: 92
round 118, starting client 2/10, id: 94
round 118, starting client 3/10, id: 7
round 118, starting client 4/10, id: 90
round 118, starting client 5/10, id: 9

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round 118, starting client 6/10, id: 10
 round 118, starting client 7/10, id: 31
 round 118, starting client 8/10, id: 15
 round 118, starting client 9/10, id: 75
 round 118, starting client 10/10, id: 2
 round 118, validation acc: 0.9543
 starting round 119
 clients: [84 78 53 31 75 65 0 59 12 87]
 round 119, starting client 1/10, id: 84
 round 119, starting client 2/10, id: 78
 round 119, starting client 3/10, id: 53
 round 119, starting client 4/10, id: 31
 round 119, starting client 5/10, id: 75
 round 119, starting client 6/10, id: 65
 round 119, starting client 7/10, id: 0
 round 119, starting client 8/10, id: 59
 round 119, starting client 9/10, id: 12
 round 119, starting client 10/10, id: 87
 round 119, validation acc: 0.9409
 starting round 120
 clients: [40 42 80 4 21 30 28 54 91 38]
 round 120, starting client 1/10, id: 40
 round 120, starting client 2/10, id: 42
 round 120, starting client 3/10, id: 80
 round 120, starting client 4/10, id: 4
 round 120, starting client 5/10, id: 21
 round 120, starting client 6/10, id: 30
 round 120, starting client 7/10, id: 28
 round 120, starting client 8/10, id: 54
 round 120, starting client 9/10, id: 91
 round 120, starting client 10/10, id: 38
 round 120, validation acc: 0.9471
 starting round 121
 clients: [81 97 21 51 78 48 94 63 30 79]
 round 121, starting client 1/10, id: 81
 round 121, starting client 2/10, id: 97
 round 121, starting client 3/10, id: 21
 round 121, starting client 4/10, id: 51
 round 121, starting client 5/10, id: 78
 round 121, starting client 6/10, id: 48
 round 121, starting client 7/10, id: 94
 round 121, starting client 8/10, id: 63
 round 121, starting client 9/10, id: 30
 round 121, starting client 10/10, id: 79
 round 121, validation acc: 0.9323
 starting round 122
 clients: [98 17 52 9 71 66 72 99 91 14]
 round 122, starting client 1/10, id: 98

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round 122, starting client 2/10, id: 17
round 122, starting client 3/10, id: 52
round 122, starting client 4/10, id: 9
round 122, starting client 5/10, id: 71
round 122, starting client 6/10, id: 66
round 122, starting client 7/10, id: 72
round 122, starting client 8/10, id: 99
round 122, starting client 9/10, id: 91
round 122, starting client 10/10, id: 14
round 122, validation acc: 0.9416
starting round 123
clients: [72 86 14 90 49 92 59 21 73 25]
round 123, starting client 1/10, id: 72
round 123, starting client 2/10, id: 86
round 123, starting client 3/10, id: 14
round 123, starting client 4/10, id: 90
round 123, starting client 5/10, id: 49
round 123, starting client 6/10, id: 92
round 123, starting client 7/10, id: 59
round 123, starting client 8/10, id: 21
round 123, starting client 9/10, id: 73
round 123, starting client 10/10, id: 25
round 123, validation acc: 0.9502
starting round 124
clients: [95 31 78 66 97 94 84 44 56 64]
round 124, starting client 1/10, id: 95
round 124, starting client 2/10, id: 31
round 124, starting client 3/10, id: 78
round 124, starting client 4/10, id: 66
round 124, starting client 5/10, id: 97
round 124, starting client 6/10, id: 94
round 124, starting client 7/10, id: 84
round 124, starting client 8/10, id: 44
round 124, starting client 9/10, id: 56
round 124, starting client 10/10, id: 64
round 124, validation acc: 0.9363
starting round 125
clients: [71 68 6 33 24 98 49 43 94 80]
round 125, starting client 1/10, id: 71
round 125, starting client 2/10, id: 68
round 125, starting client 3/10, id: 6
round 125, starting client 4/10, id: 33
round 125, starting client 5/10, id: 24
round 125, starting client 6/10, id: 98
round 125, starting client 7/10, id: 49
round 125, starting client 8/10, id: 43
round 125, starting client 9/10, id: 94
round 125, starting client 10/10, id: 80

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round 125, validation acc: 0.957
starting round 126
clients: [80 82 68 19 37 23 20 75 45 21]
round 126, starting client 1/10, id: 80
round 126, starting client 2/10, id: 82
round 126, starting client 3/10, id: 68
round 126, starting client 4/10, id: 19
round 126, starting client 5/10, id: 37
round 126, starting client 6/10, id: 23
round 126, starting client 7/10, id: 20
round 126, starting client 8/10, id: 75
round 126, starting client 9/10, id: 45
round 126, starting client 10/10, id: 21
round 126, validation acc: 0.9509
starting round 127
clients: [60 94 89 88 51 29 1 48 25 18]
round 127, starting client 1/10, id: 60
round 127, starting client 2/10, id: 94
round 127, starting client 3/10, id: 89
round 127, starting client 4/10, id: 88
round 127, starting client 5/10, id: 51
round 127, starting client 6/10, id: 29
round 127, starting client 7/10, id: 1
round 127, starting client 8/10, id: 48
round 127, starting client 9/10, id: 25
round 127, starting client 10/10, id: 18
round 127, validation acc: 0.9548
starting round 128
clients: [76 67 20 12 79 2 47 98 30 59]
round 128, starting client 1/10, id: 76
round 128, starting client 2/10, id: 67
round 128, starting client 3/10, id: 20
round 128, starting client 4/10, id: 12
round 128, starting client 5/10, id: 79
round 128, starting client 6/10, id: 2
round 128, starting client 7/10, id: 47
round 128, starting client 8/10, id: 98
round 128, starting client 9/10, id: 30
round 128, starting client 10/10, id: 59
round 128, validation acc: 0.9291
starting round 129
clients: [83 1 70 48 69 17 27 31 19 16]
round 129, starting client 1/10, id: 83
round 129, starting client 2/10, id: 1
round 129, starting client 3/10, id: 70
round 129, starting client 4/10, id: 48
round 129, starting client 5/10, id: 69
round 129, starting client 6/10, id: 17

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round 129, starting client 7/10, id: 27
round 129, starting client 8/10, id: 31
round 129, starting client 9/10, id: 19
round 129, starting client 10/10, id: 16
round 129, validation acc: 0.9541
starting round 130
clients: [21 55 90 83 28 29 77 33 59 0]
round 130, starting client 1/10, id: 21
round 130, starting client 2/10, id: 55
round 130, starting client 3/10, id: 90
round 130, starting client 4/10, id: 83
round 130, starting client 5/10, id: 28
round 130, starting client 6/10, id: 29
round 130, starting client 7/10, id: 77
round 130, starting client 8/10, id: 33
round 130, starting client 9/10, id: 59
round 130, starting client 10/10, id: 0
round 130, validation acc: 0.9421
starting round 131
clients: [ 9 0 72 66 71 3 85 31 36 11]
round 131, starting client 1/10, id: 9
round 131, starting client 2/10, id: 0
round 131, starting client 3/10, id: 72
round 131, starting client 4/10, id: 66
round 131, starting client 5/10, id: 71
round 131, starting client 6/10, id: 3
round 131, starting client 7/10, id: 85
round 131, starting client 8/10, id: 31
round 131, starting client 9/10, id: 36
round 131, starting client 10/10, id: 11
round 131, validation acc: 0.9465
starting round 132
clients: [48 30 44 76 33 74 87 38 66 43]
round 132, starting client 1/10, id: 48
round 132, starting client 2/10, id: 30
round 132, starting client 3/10, id: 44
round 132, starting client 4/10, id: 76
round 132, starting client 5/10, id: 33
round 132, starting client 6/10, id: 74
round 132, starting client 7/10, id: 87
round 132, starting client 8/10, id: 38
round 132, starting client 9/10, id: 66
round 132, starting client 10/10, id: 43
round 132, validation acc: 0.9424
starting round 133
clients: [ 0 89 16 99 1 41 9 10 48 86]
round 133, starting client 1/10, id: 0
round 133, starting client 2/10, id: 89

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round 133, starting client 3/10, id: 16
round 133, starting client 4/10, id: 99
round 133, starting client 5/10, id: 1
round 133, starting client 6/10, id: 41
round 133, starting client 7/10, id: 9
round 133, starting client 8/10, id: 10
round 133, starting client 9/10, id: 48
round 133, starting client 10/10, id: 86
round 133, validation acc: 0.9588
starting round 134
clients: [96 56 68 4 19 51 5 20 34 59]
round 134, starting client 1/10, id: 96
round 134, starting client 2/10, id: 56
round 134, starting client 3/10, id: 68
round 134, starting client 4/10, id: 4
round 134, starting client 5/10, id: 19
round 134, starting client 6/10, id: 51
round 134, starting client 7/10, id: 5
round 134, starting client 8/10, id: 20
round 134, starting client 9/10, id: 34
round 134, starting client 10/10, id: 59
round 134, validation acc: 0.9604
starting round 135
clients: [50 71 42 76 38 63 37 26 46 74]
round 135, starting client 1/10, id: 50
round 135, starting client 2/10, id: 71
round 135, starting client 3/10, id: 42
round 135, starting client 4/10, id: 76
round 135, starting client 5/10, id: 38
round 135, starting client 6/10, id: 63
round 135, starting client 7/10, id: 37
round 135, starting client 8/10, id: 26
round 135, starting client 9/10, id: 46
round 135, starting client 10/10, id: 74
round 135, validation acc: 0.9624
starting round 136
clients: [60 86 96 99 37 0 72 42 87 26]
round 136, starting client 1/10, id: 60
round 136, starting client 2/10, id: 86
round 136, starting client 3/10, id: 96
round 136, starting client 4/10, id: 99
round 136, starting client 5/10, id: 37
round 136, starting client 6/10, id: 0
round 136, starting client 7/10, id: 72
round 136, starting client 8/10, id: 42
round 136, starting client 9/10, id: 87
round 136, starting client 10/10, id: 26
round 136, validation acc: 0.9572

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starting round 137
clients: [74 90 66 56 57 45 35 50 39 24]
round 137, starting client 1/10, id: 74
round 137, starting client 2/10, id: 90
round 137, starting client 3/10, id: 66
round 137, starting client 4/10, id: 56
round 137, starting client 5/10, id: 57
round 137, starting client 6/10, id: 45
round 137, starting client 7/10, id: 35
round 137, starting client 8/10, id: 50
round 137, starting client 9/10, id: 39
round 137, starting client 10/10, id: 24
round 137, validation acc: 0.9494
starting round 138
clients: [27 47 74 86 97 30 4 90 26 91]
round 138, starting client 1/10, id: 27
round 138, starting client 2/10, id: 47
round 138, starting client 3/10, id: 74
round 138, starting client 4/10, id: 86
round 138, starting client 5/10, id: 97
round 138, starting client 6/10, id: 30
round 138, starting client 7/10, id: 4
round 138, starting client 8/10, id: 90
round 138, starting client 9/10, id: 26
round 138, starting client 10/10, id: 91
round 138, validation acc: 0.9583
starting round 139
clients: [57 45 9 13 61 56 46 59 80 54]
round 139, starting client 1/10, id: 57
round 139, starting client 2/10, id: 45
round 139, starting client 3/10, id: 9
round 139, starting client 4/10, id: 13
round 139, starting client 5/10, id: 61
round 139, starting client 6/10, id: 56
round 139, starting client 7/10, id: 46
round 139, starting client 8/10, id: 59
round 139, starting client 9/10, id: 80
round 139, starting client 10/10, id: 54
round 139, validation acc: 0.9602
starting round 140
clients: [83 92 11 96 50 12 37 13 68 49]
round 140, starting client 1/10, id: 83
round 140, starting client 2/10, id: 92
round 140, starting client 3/10, id: 11
round 140, starting client 4/10, id: 96
round 140, starting client 5/10, id: 50
round 140, starting client 6/10, id: 12
round 140, starting client 7/10, id: 37
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round 140, starting client 8/10, id: 13
 round 140, starting client 9/10, id: 68
 round 140, starting client 10/10, id: 49
 round 140, validation acc: 0.9596
 starting round 141
 clients: [75 18 5 87 19 81 11 68 64 48]
 round 141, starting client 1/10, id: 75
 round 141, starting client 2/10, id: 18
 round 141, starting client 3/10, id: 5
 round 141, starting client 4/10, id: 87
 round 141, starting client 5/10, id: 19
 round 141, starting client 6/10, id: 81
 round 141, starting client 7/10, id: 11
 round 141, starting client 8/10, id: 68
 round 141, starting client 9/10, id: 64
 round 141, starting client 10/10, id: 48
 round 141, validation acc: 0.9534
 starting round 142
 clients: [48 80 60 66 99 19 73 41 39 67]
 round 142, starting client 1/10, id: 48
 round 142, starting client 2/10, id: 80
 round 142, starting client 3/10, id: 60
 round 142, starting client 4/10, id: 66
 round 142, starting client 5/10, id: 99
 round 142, starting client 6/10, id: 19
 round 142, starting client 7/10, id: 73
 round 142, starting client 8/10, id: 41
 round 142, starting client 9/10, id: 39
 round 142, starting client 10/10, id: 67
 round 142, validation acc: 0.9602
 starting round 143
 clients: [21 46 77 4 34 35 83 85 69 3]
 round 143, starting client 1/10, id: 21
 round 143, starting client 2/10, id: 46
 round 143, starting client 3/10, id: 77
 round 143, starting client 4/10, id: 4
 round 143, starting client 5/10, id: 34
 round 143, starting client 6/10, id: 35
 round 143, starting client 7/10, id: 83
 round 143, starting client 8/10, id: 85
 round 143, starting client 9/10, id: 69
 round 143, starting client 10/10, id: 3
 round 143, validation acc: 0.9485
 starting round 144
 clients: [30 0 8 16 97 40 64 2 48 3]
 round 144, starting client 1/10, id: 30
 round 144, starting client 2/10, id: 0
 round 144, starting client 3/10, id: 8

round 144, starting client 4/10, id: 16
round 144, starting client 5/10, id: 97
round 144, starting client 6/10, id: 40
round 144, starting client 7/10, id: 64
round 144, starting client 8/10, id: 2
round 144, starting client 9/10, id: 48
round 144, starting client 10/10, id: 3
round 144, validation acc: 0.9542
starting round 145
clients: [67 21 26 96 79 10 52 70 25 64]
round 145, starting client 1/10, id: 67
round 145, starting client 2/10, id: 21
round 145, starting client 3/10, id: 26
round 145, starting client 4/10, id: 96
round 145, starting client 5/10, id: 79
round 145, starting client 6/10, id: 10
round 145, starting client 7/10, id: 52
round 145, starting client 8/10, id: 70
round 145, starting client 9/10, id: 25
round 145, starting client 10/10, id: 64
round 145, validation acc: 0.951
starting round 146
clients: [91 80 10 49 83 17 96 86 74 65]
round 146, starting client 1/10, id: 91
round 146, starting client 2/10, id: 80
round 146, starting client 3/10, id: 10
round 146, starting client 4/10, id: 49
round 146, starting client 5/10, id: 83
round 146, starting client 6/10, id: 17
round 146, starting client 7/10, id: 96
round 146, starting client 8/10, id: 86
round 146, starting client 9/10, id: 74
round 146, starting client 10/10, id: 65
round 146, validation acc: 0.9514
starting round 147
clients: [67 58 15 11 55 22 90 93 89 79]
round 147, starting client 1/10, id: 67
round 147, starting client 2/10, id: 58
round 147, starting client 3/10, id: 15
round 147, starting client 4/10, id: 11
round 147, starting client 5/10, id: 55
round 147, starting client 6/10, id: 22
round 147, starting client 7/10, id: 90
round 147, starting client 8/10, id: 93
round 147, starting client 9/10, id: 89
round 147, starting client 10/10, id: 79
round 147, validation acc: 0.9504
starting round 148

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clients: [62 47 69 70 82 5 20 7 85 92]
round 148, starting client 1/10, id: 62
round 148, starting client 2/10, id: 47
round 148, starting client 3/10, id: 69
round 148, starting client 4/10, id: 70
round 148, starting client 5/10, id: 82
round 148, starting client 6/10, id: 5
round 148, starting client 7/10, id: 20
round 148, starting client 8/10, id: 7
round 148, starting client 9/10, id: 85
round 148, starting client 10/10, id: 92
round 148, validation acc: 0.944
starting round 149
clients: [80 26 9 40 49 63 76 88 82 24]
round 149, starting client 1/10, id: 80
round 149, starting client 2/10, id: 26
round 149, starting client 3/10, id: 9
round 149, starting client 4/10, id: 40
round 149, starting client 5/10, id: 49
round 149, starting client 6/10, id: 63
round 149, starting client 7/10, id: 76
round 149, starting client 8/10, id: 88
round 149, starting client 9/10, id: 82
round 149, starting client 10/10, id: 24
round 149, validation acc: 0.9548
starting round 150
clients: [34 71 74 65 12 53 69 43 4 82]
round 150, starting client 1/10, id: 34
round 150, starting client 2/10, id: 71
round 150, starting client 3/10, id: 74
round 150, starting client 4/10, id: 65
round 150, starting client 5/10, id: 12
round 150, starting client 6/10, id: 53
round 150, starting client 7/10, id: 69
round 150, starting client 8/10, id: 43
round 150, starting client 9/10, id: 4
round 150, starting client 10/10, id: 82
round 150, validation acc: 0.9629
starting round 151
clients: [51 24 21 18 64 54 41 62 36 53]
round 151, starting client 1/10, id: 51
round 151, starting client 2/10, id: 24
round 151, starting client 3/10, id: 21
round 151, starting client 4/10, id: 18
round 151, starting client 5/10, id: 64
round 151, starting client 6/10, id: 54
round 151, starting client 7/10, id: 41
round 151, starting client 8/10, id: 62

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round 151, starting client 9/10, id: 36
round 151, starting client 10/10, id: 53
round 151, validation acc: 0.9511
starting round 152
clients: [57 53 26 80 93 38 46 8 20 0]
round 152, starting client 1/10, id: 57
round 152, starting client 2/10, id: 53
round 152, starting client 3/10, id: 26
round 152, starting client 4/10, id: 80
round 152, starting client 5/10, id: 93
round 152, starting client 6/10, id: 38
round 152, starting client 7/10, id: 46
round 152, starting client 8/10, id: 8
round 152, starting client 9/10, id: 20
round 152, starting client 10/10, id: 0
round 152, validation acc: 0.9517
starting round 153
clients: [82 74 49 39 66 60 79 23 34 98]
round 153, starting client 1/10, id: 82
round 153, starting client 2/10, id: 74
round 153, starting client 3/10, id: 49
round 153, starting client 4/10, id: 39
round 153, starting client 5/10, id: 66
round 153, starting client 6/10, id: 60
round 153, starting client 7/10, id: 79
round 153, starting client 8/10, id: 23
round 153, starting client 9/10, id: 34
round 153, starting client 10/10, id: 98
round 153, validation acc: 0.9524
starting round 154
clients: [75 51 56 7 62 67 72 20 88 81]
round 154, starting client 1/10, id: 75
round 154, starting client 2/10, id: 51
round 154, starting client 3/10, id: 56
round 154, starting client 4/10, id: 7
round 154, starting client 5/10, id: 62
round 154, starting client 6/10, id: 67
round 154, starting client 7/10, id: 72
round 154, starting client 8/10, id: 20
round 154, starting client 9/10, id: 88
round 154, starting client 10/10, id: 81
round 154, validation acc: 0.9651
starting round 155
clients: [95 71 92 68 2 88 61 45 14 89]
round 155, starting client 1/10, id: 95
round 155, starting client 2/10, id: 71
round 155, starting client 3/10, id: 92
round 155, starting client 4/10, id: 68

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round 155, starting client 5/10, id: 2
round 155, starting client 6/10, id: 88
round 155, starting client 7/10, id: 61
round 155, starting client 8/10, id: 45
round 155, starting client 9/10, id: 14
round 155, starting client 10/10, id: 89
round 155, validation acc: 0.9656
starting round 156
clients: [91 37 71 68 97 96 15 31 43 90]
round 156, starting client 1/10, id: 91
round 156, starting client 2/10, id: 37
round 156, starting client 3/10, id: 71
round 156, starting client 4/10, id: 68
round 156, starting client 5/10, id: 97
round 156, starting client 6/10, id: 96
round 156, starting client 7/10, id: 15
round 156, starting client 8/10, id: 31
round 156, starting client 9/10, id: 43
round 156, starting client 10/10, id: 90
round 156, validation acc: 0.9613
starting round 157
clients: [69 7 54 57 31 13 63 80 6 18]
round 157, starting client 1/10, id: 69
round 157, starting client 2/10, id: 7
round 157, starting client 3/10, id: 54
round 157, starting client 4/10, id: 57
round 157, starting client 5/10, id: 31
round 157, starting client 6/10, id: 13
round 157, starting client 7/10, id: 63
round 157, starting client 8/10, id: 80
round 157, starting client 9/10, id: 6
round 157, starting client 10/10, id: 18
round 157, validation acc: 0.9575
starting round 158
clients: [93 92 43 61 17 42 98 13 20 7]
round 158, starting client 1/10, id: 93
round 158, starting client 2/10, id: 92
round 158, starting client 3/10, id: 43
round 158, starting client 4/10, id: 61
round 158, starting client 5/10, id: 17
round 158, starting client 6/10, id: 42
round 158, starting client 7/10, id: 98
round 158, starting client 8/10, id: 13
round 158, starting client 9/10, id: 20
round 158, starting client 10/10, id: 7
round 158, validation acc: 0.952
starting round 159
clients: [95 81 19 17 30 94 56 2 14 10]

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round 159, starting client 1/10, id: 95
round 159, starting client 2/10, id: 81
round 159, starting client 3/10, id: 19
round 159, starting client 4/10, id: 17
round 159, starting client 5/10, id: 30
round 159, starting client 6/10, id: 94
round 159, starting client 7/10, id: 56
round 159, starting client 8/10, id: 2
round 159, starting client 9/10, id: 14
round 159, starting client 10/10, id: 10
round 159, validation acc: 0.9606
starting round 160
clients: [76 63 43 84 71 11 19 8 46 7]
round 160, starting client 1/10, id: 76
round 160, starting client 2/10, id: 63
round 160, starting client 3/10, id: 43
round 160, starting client 4/10, id: 84
round 160, starting client 5/10, id: 71
round 160, starting client 6/10, id: 11
round 160, starting client 7/10, id: 19
round 160, starting client 8/10, id: 8
round 160, starting client 9/10, id: 46
round 160, starting client 10/10, id: 7
round 160, validation acc: 0.9617
starting round 161
clients: [35 43 40 87 60 56 11 66 63 17]
round 161, starting client 1/10, id: 35
round 161, starting client 2/10, id: 43
round 161, starting client 3/10, id: 40
round 161, starting client 4/10, id: 87
round 161, starting client 5/10, id: 60
round 161, starting client 6/10, id: 56
round 161, starting client 7/10, id: 11
round 161, starting client 8/10, id: 66
round 161, starting client 9/10, id: 63
round 161, starting client 10/10, id: 17
round 161, validation acc: 0.9543
starting round 162
clients: [13 58 83 92 4 46 49 52 80 26]
round 162, starting client 1/10, id: 13
round 162, starting client 2/10, id: 58
round 162, starting client 3/10, id: 83
round 162, starting client 4/10, id: 92
round 162, starting client 5/10, id: 4
round 162, starting client 6/10, id: 46
round 162, starting client 7/10, id: 49
round 162, starting client 8/10, id: 52
round 162, starting client 9/10, id: 80

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round 162, starting client 10/10, id: 26
round 162, validation acc: 0.9641
starting round 163
clients: [63 55 56 79 68 45 11 84 97 75]
round 163, starting client 1/10, id: 63
round 163, starting client 2/10, id: 55
round 163, starting client 3/10, id: 56
round 163, starting client 4/10, id: 79
round 163, starting client 5/10, id: 68
round 163, starting client 6/10, id: 45
round 163, starting client 7/10, id: 11
round 163, starting client 8/10, id: 84
round 163, starting client 9/10, id: 97
round 163, starting client 10/10, id: 75
round 163, validation acc: 0.9585
starting round 164
clients: [70 65 77 93 73 43 71 25 49 18]
round 164, starting client 1/10, id: 70
round 164, starting client 2/10, id: 65
round 164, starting client 3/10, id: 77
round 164, starting client 4/10, id: 93
round 164, starting client 5/10, id: 73
round 164, starting client 6/10, id: 43
round 164, starting client 7/10, id: 71
round 164, starting client 8/10, id: 25
round 164, starting client 9/10, id: 49
round 164, starting client 10/10, id: 18
round 164, validation acc: 0.9611
starting round 165
clients: [81 21 20 41 31 96 85 11 83 87]
round 165, starting client 1/10, id: 81
round 165, starting client 2/10, id: 21
round 165, starting client 3/10, id: 20
round 165, starting client 4/10, id: 41
round 165, starting client 5/10, id: 31
round 165, starting client 6/10, id: 96
round 165, starting client 7/10, id: 85
round 165, starting client 8/10, id: 11
round 165, starting client 9/10, id: 83
round 165, starting client 10/10, id: 87
round 165, validation acc: 0.9576
starting round 166
clients: [30 20 87 62 77 42 34 18 73 63]
round 166, starting client 1/10, id: 30
round 166, starting client 2/10, id: 20
round 166, starting client 3/10, id: 87
round 166, starting client 4/10, id: 62
round 166, starting client 5/10, id: 77

round 166, starting client 6/10, id: 42
round 166, starting client 7/10, id: 34
round 166, starting client 8/10, id: 18
round 166, starting client 9/10, id: 73
round 166, starting client 10/10, id: 63
round 166, validation acc: 0.96
starting round 167
clients: [80 86 62 89 23 18 72 83 24 81]
round 167, starting client 1/10, id: 80
round 167, starting client 2/10, id: 86
round 167, starting client 3/10, id: 62
round 167, starting client 4/10, id: 89
round 167, starting client 5/10, id: 23
round 167, starting client 6/10, id: 18
round 167, starting client 7/10, id: 72
round 167, starting client 8/10, id: 83
round 167, starting client 9/10, id: 24
round 167, starting client 10/10, id: 81
round 167, validation acc: 0.9637
starting round 168
clients: [12 78 1 33 98 61 30 89 73 10]
round 168, starting client 1/10, id: 12
round 168, starting client 2/10, id: 78
round 168, starting client 3/10, id: 1
round 168, starting client 4/10, id: 33
round 168, starting client 5/10, id: 98
round 168, starting client 6/10, id: 61
round 168, starting client 7/10, id: 30
round 168, starting client 8/10, id: 89
round 168, starting client 9/10, id: 73
round 168, starting client 10/10, id: 10
round 168, validation acc: 0.958
starting round 169
clients: [85 42 71 33 72 86 98 5 43 10]
round 169, starting client 1/10, id: 85
round 169, starting client 2/10, id: 42
round 169, starting client 3/10, id: 71
round 169, starting client 4/10, id: 33
round 169, starting client 5/10, id: 72
round 169, starting client 6/10, id: 86
round 169, starting client 7/10, id: 98
round 169, starting client 8/10, id: 5
round 169, starting client 9/10, id: 43
round 169, starting client 10/10, id: 10
round 169, validation acc: 0.9616
starting round 170
clients: [79 48 55 21 75 40 54 91 90 84]
round 170, starting client 1/10, id: 79

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round 170, starting client 2/10, id: 48
round 170, starting client 3/10, id: 55
round 170, starting client 4/10, id: 21
round 170, starting client 5/10, id: 75
round 170, starting client 6/10, id: 40
round 170, starting client 7/10, id: 54
round 170, starting client 8/10, id: 91
round 170, starting client 9/10, id: 90
round 170, starting client 10/10, id: 84
round 170, validation acc: 0.944
starting round 171
clients: [22 11 2 99 90 54 77 50 65 16]
round 171, starting client 1/10, id: 22
round 171, starting client 2/10, id: 11
round 171, starting client 3/10, id: 2
round 171, starting client 4/10, id: 99
round 171, starting client 5/10, id: 90
round 171, starting client 6/10, id: 54
round 171, starting client 7/10, id: 77
round 171, starting client 8/10, id: 50
round 171, starting client 9/10, id: 65
round 171, starting client 10/10, id: 16
round 171, validation acc: 0.9628
starting round 172
clients: [ 2 86 50 69 10 3 11 94 35 30]
round 172, starting client 1/10, id: 2
round 172, starting client 2/10, id: 86
round 172, starting client 3/10, id: 50
round 172, starting client 4/10, id: 69
round 172, starting client 5/10, id: 10
round 172, starting client 6/10, id: 3
round 172, starting client 7/10, id: 11
round 172, starting client 8/10, id: 94
round 172, starting client 9/10, id: 35
round 172, starting client 10/10, id: 30
round 172, validation acc: 0.9627
starting round 173
clients: [33 54 71 49 70 95 9 63 26 62]
round 173, starting client 1/10, id: 33
round 173, starting client 2/10, id: 54
round 173, starting client 3/10, id: 71
round 173, starting client 4/10, id: 49
round 173, starting client 5/10, id: 70
round 173, starting client 6/10, id: 95
round 173, starting client 7/10, id: 9
round 173, starting client 8/10, id: 63
round 173, starting client 9/10, id: 26
round 173, starting client 10/10, id: 62

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round 173, validation acc: 0.9604
starting round 174
clients: [51 77 84 65 8 96 18 85 44 42]
round 174, starting client 1/10, id: 51
round 174, starting client 2/10, id: 77
round 174, starting client 3/10, id: 84
round 174, starting client 4/10, id: 65
round 174, starting client 5/10, id: 8
round 174, starting client 6/10, id: 96
round 174, starting client 7/10, id: 18
round 174, starting client 8/10, id: 85
round 174, starting client 9/10, id: 44
round 174, starting client 10/10, id: 42
round 174, validation acc: 0.9564
starting round 175
clients: [80 66 92 84 47 2 19 61 30 44]
round 175, starting client 1/10, id: 80
round 175, starting client 2/10, id: 66
round 175, starting client 3/10, id: 92
round 175, starting client 4/10, id: 84
round 175, starting client 5/10, id: 47
round 175, starting client 6/10, id: 2
round 175, starting client 7/10, id: 19
round 175, starting client 8/10, id: 61
round 175, starting client 9/10, id: 30
round 175, starting client 10/10, id: 44
round 175, validation acc: 0.9552
starting round 176
clients: [34 58 42 7 0 22 97 81 37 79]
round 176, starting client 1/10, id: 34
round 176, starting client 2/10, id: 58
round 176, starting client 3/10, id: 42
round 176, starting client 4/10, id: 7
round 176, starting client 5/10, id: 0
round 176, starting client 6/10, id: 22
round 176, starting client 7/10, id: 97
round 176, starting client 8/10, id: 81
round 176, starting client 9/10, id: 37
round 176, starting client 10/10, id: 79
round 176, validation acc: 0.9656
starting round 177
clients: [12 64 30 82 20 8 33 14 27 21]
round 177, starting client 1/10, id: 12
round 177, starting client 2/10, id: 64
round 177, starting client 3/10, id: 30
round 177, starting client 4/10, id: 82
round 177, starting client 5/10, id: 20
round 177, starting client 6/10, id: 8

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round 177, starting client 7/10, id: 33
 round 177, starting client 8/10, id: 14
 round 177, starting client 9/10, id: 27
 round 177, starting client 10/10, id: 21
 round 177, validation acc: 0.9617
 starting round 178
 clients: [69 80 37 66 83 20 19 70 78 98]
 round 178, starting client 1/10, id: 69
 round 178, starting client 2/10, id: 80
 round 178, starting client 3/10, id: 37
 round 178, starting client 4/10, id: 66
 round 178, starting client 5/10, id: 83
 round 178, starting client 6/10, id: 20
 round 178, starting client 7/10, id: 19
 round 178, starting client 8/10, id: 70
 round 178, starting client 9/10, id: 78
 round 178, starting client 10/10, id: 98
 round 178, validation acc: 0.9513
 starting round 179
 clients: [97 43 69 9 50 32 20 79 61 13]
 round 179, starting client 1/10, id: 97
 round 179, starting client 2/10, id: 43
 round 179, starting client 3/10, id: 69
 round 179, starting client 4/10, id: 9
 round 179, starting client 5/10, id: 50
 round 179, starting client 6/10, id: 32
 round 179, starting client 7/10, id: 20
 round 179, starting client 8/10, id: 79
 round 179, starting client 9/10, id: 61
 round 179, starting client 10/10, id: 13
 round 179, validation acc: 0.9565
 starting round 180
 clients: [36 76 28 4 41 66 96 61 84 82]
 round 180, starting client 1/10, id: 36
 round 180, starting client 2/10, id: 76
 round 180, starting client 3/10, id: 28
 round 180, starting client 4/10, id: 4
 round 180, starting client 5/10, id: 41
 round 180, starting client 6/10, id: 66
 round 180, starting client 7/10, id: 96
 round 180, starting client 8/10, id: 61
 round 180, starting client 9/10, id: 84
 round 180, starting client 10/10, id: 82
 round 180, validation acc: 0.9665
 starting round 181
 clients: [62 81 59 15 47 4 65 33 80 3]
 round 181, starting client 1/10, id: 62
 round 181, starting client 2/10, id: 81

round 181, starting client 3/10, id: 59
round 181, starting client 4/10, id: 15
round 181, starting client 5/10, id: 47
round 181, starting client 6/10, id: 4
round 181, starting client 7/10, id: 65
round 181, starting client 8/10, id: 33
round 181, starting client 9/10, id: 80
round 181, starting client 10/10, id: 3
round 181, validation acc: 0.9656
starting round 182
clients: [18 3 14 39 2 96 15 43 59 99]
round 182, starting client 1/10, id: 18
round 182, starting client 2/10, id: 3
round 182, starting client 3/10, id: 14
round 182, starting client 4/10, id: 39
round 182, starting client 5/10, id: 2
round 182, starting client 6/10, id: 96
round 182, starting client 7/10, id: 15
round 182, starting client 8/10, id: 43
round 182, starting client 9/10, id: 59
round 182, starting client 10/10, id: 99
round 182, validation acc: 0.9578
starting round 183
clients: [79 97 96 85 42 20 19 37 5 14]
round 183, starting client 1/10, id: 79
round 183, starting client 2/10, id: 97
round 183, starting client 3/10, id: 96
round 183, starting client 4/10, id: 85
round 183, starting client 5/10, id: 42
round 183, starting client 6/10, id: 20
round 183, starting client 7/10, id: 19
round 183, starting client 8/10, id: 37
round 183, starting client 9/10, id: 5
round 183, starting client 10/10, id: 14
round 183, validation acc: 0.9657
starting round 184
clients: [22 12 36 39 86 29 53 49 14 27]
round 184, starting client 1/10, id: 22
round 184, starting client 2/10, id: 12
round 184, starting client 3/10, id: 36
round 184, starting client 4/10, id: 39
round 184, starting client 5/10, id: 86
round 184, starting client 6/10, id: 29
round 184, starting client 7/10, id: 53
round 184, starting client 8/10, id: 49
round 184, starting client 9/10, id: 14
round 184, starting client 10/10, id: 27
round 184, validation acc: 0.9594


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starting round 185
clients: [46 72 58 21 94 95 80 35 63 69]
round 185, starting client 1/10, id: 46
round 185, starting client 2/10, id: 72
round 185, starting client 3/10, id: 58
round 185, starting client 4/10, id: 21
round 185, starting client 5/10, id: 94
round 185, starting client 6/10, id: 95
round 185, starting client 7/10, id: 80
round 185, starting client 8/10, id: 35
round 185, starting client 9/10, id: 63
round 185, starting client 10/10, id: 69
round 185, validation acc: 0.9675
starting round 186
clients: [56 71 49 60 91 8 39 2 16 45]
round 186, starting client 1/10, id: 56
round 186, starting client 2/10, id: 71
round 186, starting client 3/10, id: 49
round 186, starting client 4/10, id: 60
round 186, starting client 5/10, id: 91
round 186, starting client 6/10, id: 8
round 186, starting client 7/10, id: 39
round 186, starting client 8/10, id: 2
round 186, starting client 9/10, id: 16
round 186, starting client 10/10, id: 45
round 186, validation acc: 0.9676
starting round 187
clients: [95 12 33 56 4 61 73 45 42 53]
round 187, starting client 1/10, id: 95
round 187, starting client 2/10, id: 12
round 187, starting client 3/10, id: 33
round 187, starting client 4/10, id: 56
round 187, starting client 5/10, id: 4
round 187, starting client 6/10, id: 61
round 187, starting client 7/10, id: 73
round 187, starting client 8/10, id: 45
round 187, starting client 9/10, id: 42
round 187, starting client 10/10, id: 53
round 187, validation acc: 0.9659
starting round 188
clients: [5 60 51 58 87 4 42 52 50 33]
round 188, starting client 1/10, id: 5
round 188, starting client 2/10, id: 60
round 188, starting client 3/10, id: 51
round 188, starting client 4/10, id: 58
round 188, starting client 5/10, id: 87
round 188, starting client 6/10, id: 4
round 188, starting client 7/10, id: 42

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round 188, starting client 8/10, id: 52
 round 188, starting client 9/10, id: 50
 round 188, starting client 10/10, id: 33
 round 188, validation acc: 0.9612
 starting round 189
 clients: [61 81 1 44 10 55 33 18 54 86]
 round 189, starting client 1/10, id: 61
 round 189, starting client 2/10, id: 81
 round 189, starting client 3/10, id: 1
 round 189, starting client 4/10, id: 44
 round 189, starting client 5/10, id: 10
 round 189, starting client 6/10, id: 55
 round 189, starting client 7/10, id: 33
 round 189, starting client 8/10, id: 18
 round 189, starting client 9/10, id: 54
 round 189, starting client 10/10, id: 86
 round 189, validation acc: 0.963
 starting round 190
 clients: [49 14 97 85 75 6 66 38 91 7]
 round 190, starting client 1/10, id: 49
 round 190, starting client 2/10, id: 14
 round 190, starting client 3/10, id: 97
 round 190, starting client 4/10, id: 85
 round 190, starting client 5/10, id: 75
 round 190, starting client 6/10, id: 6
 round 190, starting client 7/10, id: 66
 round 190, starting client 8/10, id: 38
 round 190, starting client 9/10, id: 91
 round 190, starting client 10/10, id: 7
 round 190, validation acc: 0.9669
 starting round 191
 clients: [86 85 49 7 18 59 32 62 14 58]
 round 191, starting client 1/10, id: 86
 round 191, starting client 2/10, id: 85
 round 191, starting client 3/10, id: 49
 round 191, starting client 4/10, id: 7
 round 191, starting client 5/10, id: 18
 round 191, starting client 6/10, id: 59
 round 191, starting client 7/10, id: 32
 round 191, starting client 8/10, id: 62
 round 191, starting client 9/10, id: 14
 round 191, starting client 10/10, id: 58
 round 191, validation acc: 0.9618
 starting round 192
 clients: [83 91 23 69 8 12 33 81 98 70]
 round 192, starting client 1/10, id: 83
 round 192, starting client 2/10, id: 91
 round 192, starting client 3/10, id: 23

round 192, starting client 4/10, id: 69
round 192, starting client 5/10, id: 8
round 192, starting client 6/10, id: 12
round 192, starting client 7/10, id: 33
round 192, starting client 8/10, id: 81
round 192, starting client 9/10, id: 98
round 192, starting client 10/10, id: 70
round 192, validation acc: 0.967
starting round 193
clients: [9 28 62 77 58 56 0 23 80 33]
round 193, starting client 1/10, id: 9
round 193, starting client 2/10, id: 28
round 193, starting client 3/10, id: 62
round 193, starting client 4/10, id: 77
round 193, starting client 5/10, id: 58
round 193, starting client 6/10, id: 56
round 193, starting client 7/10, id: 0
round 193, starting client 8/10, id: 23
round 193, starting client 9/10, id: 80
round 193, starting client 10/10, id: 33
round 193, validation acc: 0.9681
starting round 194
clients: [98 73 50 76 77 58 25 88 84 24]
round 194, starting client 1/10, id: 98
round 194, starting client 2/10, id: 73
round 194, starting client 3/10, id: 50
round 194, starting client 4/10, id: 76
round 194, starting client 5/10, id: 77
round 194, starting client 6/10, id: 58
round 194, starting client 7/10, id: 25
round 194, starting client 8/10, id: 88
round 194, starting client 9/10, id: 84
round 194, starting client 10/10, id: 24
round 194, validation acc: 0.9675
starting round 195
clients: [19 40 82 55 17 49 46 23 44 43]
round 195, starting client 1/10, id: 19
round 195, starting client 2/10, id: 40
round 195, starting client 3/10, id: 82
round 195, starting client 4/10, id: 55
round 195, starting client 5/10, id: 17
round 195, starting client 6/10, id: 49
round 195, starting client 7/10, id: 46
round 195, starting client 8/10, id: 23
round 195, starting client 9/10, id: 44
round 195, starting client 10/10, id: 43
round 195, validation acc: 0.9668
starting round 196

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clients: [32 49 30 19 78 44 79 93 1 88]
round 196, starting client 1/10, id: 32
round 196, starting client 2/10, id: 49
round 196, starting client 3/10, id: 30
round 196, starting client 4/10, id: 19
round 196, starting client 5/10, id: 78
round 196, starting client 6/10, id: 44
round 196, starting client 7/10, id: 79
round 196, starting client 8/10, id: 93
round 196, starting client 9/10, id: 1
round 196, starting client 10/10, id: 88
round 196, validation acc: 0.9624
starting round 197
clients: [10 15 71 83 53 3 97 50 61 59]
round 197, starting client 1/10, id: 10
round 197, starting client 2/10, id: 15
round 197, starting client 3/10, id: 71
round 197, starting client 4/10, id: 83
round 197, starting client 5/10, id: 53
round 197, starting client 6/10, id: 3
round 197, starting client 7/10, id: 97
round 197, starting client 8/10, id: 50
round 197, starting client 9/10, id: 61
round 197, starting client 10/10, id: 59
round 197, validation acc: 0.9588
starting round 198
clients: [88 75 29 4 2 43 81 60 17 14]
round 198, starting client 1/10, id: 88
round 198, starting client 2/10, id: 75
round 198, starting client 3/10, id: 29
round 198, starting client 4/10, id: 4
round 198, starting client 5/10, id: 2
round 198, starting client 6/10, id: 43
round 198, starting client 7/10, id: 81
round 198, starting client 8/10, id: 60
round 198, starting client 9/10, id: 17
round 198, starting client 10/10, id: 14
round 198, validation acc: 0.9554
starting round 199
clients: [71 29 11 81 34 8 94 30 64 96]
round 199, starting client 1/10, id: 71
round 199, starting client 2/10, id: 29
round 199, starting client 3/10, id: 11
round 199, starting client 4/10, id: 81
round 199, starting client 5/10, id: 34
round 199, starting client 6/10, id: 8
round 199, starting client 7/10, id: 94
round 199, starting client 8/10, id: 30

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round 199, starting client 9/10, id: 64
round 199, starting client 10/10, id: 96
round 199, validation acc: 0.9565
starting round 200
clients: [47 31 54 11 29 5 74 15 69 76]
round 200, starting client 1/10, id: 47
round 200, starting client 2/10, id: 31
round 200, starting client 3/10, id: 54
round 200, starting client 4/10, id: 11
round 200, starting client 5/10, id: 29
round 200, starting client 6/10, id: 5
round 200, starting client 7/10, id: 74
round 200, starting client 8/10, id: 15
round 200, starting client 9/10, id: 69
round 200, starting client 10/10, id: 76
round 200, validation acc: 0.9632
starting round 201
clients: [66 54 14 76 43 47 57 63 7 96]
round 201, starting client 1/10, id: 66
round 201, starting client 2/10, id: 54
round 201, starting client 3/10, id: 14
round 201, starting client 4/10, id: 76
round 201, starting client 5/10, id: 43
round 201, starting client 6/10, id: 47
round 201, starting client 7/10, id: 57
round 201, starting client 8/10, id: 63
round 201, starting client 9/10, id: 7
round 201, starting client 10/10, id: 96
round 201, validation acc: 0.9589
starting round 202
clients: [3 58 72 5 51 27 34 18 48 24]
round 202, starting client 1/10, id: 3
round 202, starting client 2/10, id: 58
round 202, starting client 3/10, id: 72
round 202, starting client 4/10, id: 5
round 202, starting client 5/10, id: 51
round 202, starting client 6/10, id: 27
round 202, starting client 7/10, id: 34
round 202, starting client 8/10, id: 18
round 202, starting client 9/10, id: 48
round 202, starting client 10/10, id: 24
round 202, validation acc: 0.955
starting round 203
clients: [45 27 3 55 8 6 54 7 20 50]
round 203, starting client 1/10, id: 45
round 203, starting client 2/10, id: 27
round 203, starting client 3/10, id: 3
round 203, starting client 4/10, id: 55

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round 203, starting client 5/10, id: 8
 round 203, starting client 6/10, id: 6
 round 203, starting client 7/10, id: 54
 round 203, starting client 8/10, id: 7
 round 203, starting client 9/10, id: 20
 round 203, starting client 10/10, id: 50
 round 203, validation acc: 0.961
 starting round 204
 clients: [57 27 33 41 88 10 16 28 75 17]
 round 204, starting client 1/10, id: 57
 round 204, starting client 2/10, id: 27
 round 204, starting client 3/10, id: 33
 round 204, starting client 4/10, id: 41
 round 204, starting client 5/10, id: 88
 round 204, starting client 6/10, id: 10
 round 204, starting client 7/10, id: 16
 round 204, starting client 8/10, id: 28
 round 204, starting client 9/10, id: 75
 round 204, starting client 10/10, id: 17
 round 204, validation acc: 0.9638
 starting round 205
 clients: [58 23 2 48 51 82 67 38 62 72]
 round 205, starting client 1/10, id: 58
 round 205, starting client 2/10, id: 23
 round 205, starting client 3/10, id: 2
 round 205, starting client 4/10, id: 48
 round 205, starting client 5/10, id: 51
 round 205, starting client 6/10, id: 82
 round 205, starting client 7/10, id: 67
 round 205, starting client 8/10, id: 38
 round 205, starting client 9/10, id: 62
 round 205, starting client 10/10, id: 72
 round 205, validation acc: 0.9667
 starting round 206
 clients: [37 95 63 75 57 5 28 81 15 47]
 round 206, starting client 1/10, id: 37
 round 206, starting client 2/10, id: 95
 round 206, starting client 3/10, id: 63
 round 206, starting client 4/10, id: 75
 round 206, starting client 5/10, id: 57
 round 206, starting client 6/10, id: 5
 round 206, starting client 7/10, id: 28
 round 206, starting client 8/10, id: 81
 round 206, starting client 9/10, id: 15
 round 206, starting client 10/10, id: 47
 round 206, validation acc: 0.9706
 starting round 207
 clients: [96 57 26 89 59 55 93 94 46 95]

round 207, starting client 1/10, id: 96
 round 207, starting client 2/10, id: 57
 round 207, starting client 3/10, id: 26
 round 207, starting client 4/10, id: 89
 round 207, starting client 5/10, id: 59
 round 207, starting client 6/10, id: 55
 round 207, starting client 7/10, id: 93
 round 207, starting client 8/10, id: 94
 round 207, starting client 9/10, id: 46
 round 207, starting client 10/10, id: 95
 round 207, validation acc: 0.9696
 starting round 208
 clients: [63 5 57 48 40 81 64 11 96 45]
 round 208, starting client 1/10, id: 63
 round 208, starting client 2/10, id: 5
 round 208, starting client 3/10, id: 57
 round 208, starting client 4/10, id: 48
 round 208, starting client 5/10, id: 40
 round 208, starting client 6/10, id: 81
 round 208, starting client 7/10, id: 64
 round 208, starting client 8/10, id: 11
 round 208, starting client 9/10, id: 96
 round 208, starting client 10/10, id: 45
 round 208, validation acc: 0.9575
 starting round 209
 clients: [40 86 91 38 67 21 87 15 9 2]
 round 209, starting client 1/10, id: 40
 round 209, starting client 2/10, id: 86
 round 209, starting client 3/10, id: 91
 round 209, starting client 4/10, id: 38
 round 209, starting client 5/10, id: 67
 round 209, starting client 6/10, id: 21
 round 209, starting client 7/10, id: 87
 round 209, starting client 8/10, id: 15
 round 209, starting client 9/10, id: 9
 round 209, starting client 10/10, id: 2
 round 209, validation acc: 0.9611
 starting round 210
 clients: [89 69 18 71 84 95 9 25 5 29]
 round 210, starting client 1/10, id: 89
 round 210, starting client 2/10, id: 69
 round 210, starting client 3/10, id: 18
 round 210, starting client 4/10, id: 71
 round 210, starting client 5/10, id: 84
 round 210, starting client 6/10, id: 95
 round 210, starting client 7/10, id: 9
 round 210, starting client 8/10, id: 25
 round 210, starting client 9/10, id: 5

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round 210, starting client 10/10, id: 29
round 210, validation acc: 0.9673
starting round 211
clients: [39 19 26 31 23 59 40 13 94 4]
round 211, starting client 1/10, id: 39
round 211, starting client 2/10, id: 19
round 211, starting client 3/10, id: 26
round 211, starting client 4/10, id: 31
round 211, starting client 5/10, id: 23
round 211, starting client 6/10, id: 59
round 211, starting client 7/10, id: 40
round 211, starting client 8/10, id: 13
round 211, starting client 9/10, id: 94
round 211, starting client 10/10, id: 4
round 211, validation acc: 0.9685
starting round 212
clients: [95 67 33 41 92 50 81 86 88 42]
round 212, starting client 1/10, id: 95
round 212, starting client 2/10, id: 67
round 212, starting client 3/10, id: 33
round 212, starting client 4/10, id: 41
round 212, starting client 5/10, id: 92
round 212, starting client 6/10, id: 50
round 212, starting client 7/10, id: 81
round 212, starting client 8/10, id: 86
round 212, starting client 9/10, id: 88
round 212, starting client 10/10, id: 42
round 212, validation acc: 0.9643
starting round 213
clients: [51 19 66 6 59 10 75 43 45 97]
round 213, starting client 1/10, id: 51
round 213, starting client 2/10, id: 19
round 213, starting client 3/10, id: 66
round 213, starting client 4/10, id: 6
round 213, starting client 5/10, id: 59
round 213, starting client 6/10, id: 10
round 213, starting client 7/10, id: 75
round 213, starting client 8/10, id: 43
round 213, starting client 9/10, id: 45
round 213, starting client 10/10, id: 97
round 213, validation acc: 0.9633
starting round 214
clients: [19 78 98 49 39 66 45 29 40 72]
round 214, starting client 1/10, id: 19
round 214, starting client 2/10, id: 78
round 214, starting client 3/10, id: 98
round 214, starting client 4/10, id: 49
round 214, starting client 5/10, id: 39

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round 214, starting client 6/10, id: 66
round 214, starting client 7/10, id: 45
round 214, starting client 8/10, id: 29
round 214, starting client 9/10, id: 40
round 214, starting client 10/10, id: 72
round 214, validation acc: 0.9621
starting round 215
clients: [70 25 17 37 89 7 26 41 22 56]
round 215, starting client 1/10, id: 70
round 215, starting client 2/10, id: 25
round 215, starting client 3/10, id: 17
round 215, starting client 4/10, id: 37
round 215, starting client 5/10, id: 89
round 215, starting client 6/10, id: 7
round 215, starting client 7/10, id: 26
round 215, starting client 8/10, id: 41
round 215, starting client 9/10, id: 22
round 215, starting client 10/10, id: 56
round 215, validation acc: 0.9625
starting round 216
clients: [84 35 10 26 31 49 47 56 61 50]
round 216, starting client 1/10, id: 84
round 216, starting client 2/10, id: 35
round 216, starting client 3/10, id: 10
round 216, starting client 4/10, id: 26
round 216, starting client 5/10, id: 31
round 216, starting client 6/10, id: 49
round 216, starting client 7/10, id: 47
round 216, starting client 8/10, id: 56
round 216, starting client 9/10, id: 61
round 216, starting client 10/10, id: 50
round 216, validation acc: 0.9494
starting round 217
clients: [26 0 53 11 3 22 23 67 36 87]
round 217, starting client 1/10, id: 26
round 217, starting client 2/10, id: 0
round 217, starting client 3/10, id: 53
round 217, starting client 4/10, id: 11
round 217, starting client 5/10, id: 3
round 217, starting client 6/10, id: 22
round 217, starting client 7/10, id: 23
round 217, starting client 8/10, id: 67
round 217, starting client 9/10, id: 36
round 217, starting client 10/10, id: 87
round 217, validation acc: 0.9706
starting round 218
clients: [81 45 84 87 62 55 65 51 22 68]
round 218, starting client 1/10, id: 81

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round 218, starting client 2/10, id: 45
round 218, starting client 3/10, id: 84
round 218, starting client 4/10, id: 87
round 218, starting client 5/10, id: 62
round 218, starting client 6/10, id: 55
round 218, starting client 7/10, id: 65
round 218, starting client 8/10, id: 51
round 218, starting client 9/10, id: 22
round 218, starting client 10/10, id: 68
round 218, validation acc: 0.9653
starting round 219
clients: [77 62 49 48 34 8 0 29 50 69]
round 219, starting client 1/10, id: 77
round 219, starting client 2/10, id: 62
round 219, starting client 3/10, id: 49
round 219, starting client 4/10, id: 48
round 219, starting client 5/10, id: 34
round 219, starting client 6/10, id: 8
round 219, starting client 7/10, id: 0
round 219, starting client 8/10, id: 29
round 219, starting client 9/10, id: 50
round 219, starting client 10/10, id: 69
round 219, validation acc: 0.97
starting round 220
clients: [ 5 24 7 49 92 11 79 67 59 30]
round 220, starting client 1/10, id: 5
round 220, starting client 2/10, id: 24
round 220, starting client 3/10, id: 7
round 220, starting client 4/10, id: 49
round 220, starting client 5/10, id: 92
round 220, starting client 6/10, id: 11
round 220, starting client 7/10, id: 79
round 220, starting client 8/10, id: 67
round 220, starting client 9/10, id: 59
round 220, starting client 10/10, id: 30
round 220, validation acc: 0.9624
starting round 221
clients: [73 10 62 87 37 55 98 64 18 1]
round 221, starting client 1/10, id: 73
round 221, starting client 2/10, id: 10
round 221, starting client 3/10, id: 62
round 221, starting client 4/10, id: 87
round 221, starting client 5/10, id: 37
round 221, starting client 6/10, id: 55
round 221, starting client 7/10, id: 98
round 221, starting client 8/10, id: 64
round 221, starting client 9/10, id: 18
round 221, starting client 10/10, id: 1

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round 221, validation acc: 0.9697
starting round 222
clients: [9 45 59 25 82 32 74 66 51 97]
round 222, starting client 1/10, id: 9
round 222, starting client 2/10, id: 45
round 222, starting client 3/10, id: 59
round 222, starting client 4/10, id: 25
round 222, starting client 5/10, id: 82
round 222, starting client 6/10, id: 32
round 222, starting client 7/10, id: 74
round 222, starting client 8/10, id: 66
round 222, starting client 9/10, id: 51
round 222, starting client 10/10, id: 97
round 222, validation acc: 0.9694
starting round 223
clients: [33 60 49 83 74 79 48 14 97 63]
round 223, starting client 1/10, id: 33
round 223, starting client 2/10, id: 60
round 223, starting client 3/10, id: 49
round 223, starting client 4/10, id: 83
round 223, starting client 5/10, id: 74
round 223, starting client 6/10, id: 79
round 223, starting client 7/10, id: 48
round 223, starting client 8/10, id: 14
round 223, starting client 9/10, id: 97
round 223, starting client 10/10, id: 63
round 223, validation acc: 0.9699
starting round 224
clients: [57 83 77 86 70 17 44 6 84 10]
round 224, starting client 1/10, id: 57
round 224, starting client 2/10, id: 83
round 224, starting client 3/10, id: 77
round 224, starting client 4/10, id: 86
round 224, starting client 5/10, id: 70
round 224, starting client 6/10, id: 17
round 224, starting client 7/10, id: 44
round 224, starting client 8/10, id: 6
round 224, starting client 9/10, id: 84
round 224, starting client 10/10, id: 10
round 224, validation acc: 0.9691
starting round 225
clients: [58 26 45 16 8 13 50 49 64 60]
round 225, starting client 1/10, id: 58
round 225, starting client 2/10, id: 26
round 225, starting client 3/10, id: 45
round 225, starting client 4/10, id: 16
round 225, starting client 5/10, id: 8
round 225, starting client 6/10, id: 13

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round 225, starting client 7/10, id: 50
round 225, starting client 8/10, id: 49
round 225, starting client 9/10, id: 64
round 225, starting client 10/10, id: 60
round 225, validation acc: 0.9694
starting round 226
clients: [27 35 4 25 83 5 39 31 24 52]
round 226, starting client 1/10, id: 27
round 226, starting client 2/10, id: 35
round 226, starting client 3/10, id: 4
round 226, starting client 4/10, id: 25
round 226, starting client 5/10, id: 83
round 226, starting client 6/10, id: 5
round 226, starting client 7/10, id: 39
round 226, starting client 8/10, id: 31
round 226, starting client 9/10, id: 24
round 226, starting client 10/10, id: 52
round 226, validation acc: 0.966
starting round 227
clients: [47 42 98 69 53 61 90 38 59 67]
round 227, starting client 1/10, id: 47
round 227, starting client 2/10, id: 42
round 227, starting client 3/10, id: 98
round 227, starting client 4/10, id: 69
round 227, starting client 5/10, id: 53
round 227, starting client 6/10, id: 61
round 227, starting client 7/10, id: 90
round 227, starting client 8/10, id: 38
round 227, starting client 9/10, id: 59
round 227, starting client 10/10, id: 67
round 227, validation acc: 0.9614
starting round 228
clients: [5 36 62 29 3 60 39 49 48 67]
round 228, starting client 1/10, id: 5
round 228, starting client 2/10, id: 36
round 228, starting client 3/10, id: 62
round 228, starting client 4/10, id: 29
round 228, starting client 5/10, id: 3
round 228, starting client 6/10, id: 60
round 228, starting client 7/10, id: 39
round 228, starting client 8/10, id: 49
round 228, starting client 9/10, id: 48
round 228, starting client 10/10, id: 67
round 228, validation acc: 0.9673
starting round 229
clients: [90 99 86 33 5 79 73 13 68 67]
round 229, starting client 1/10, id: 90
round 229, starting client 2/10, id: 99

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round 229, starting client 3/10, id: 86
round 229, starting client 4/10, id: 33
round 229, starting client 5/10, id: 5
round 229, starting client 6/10, id: 79
round 229, starting client 7/10, id: 73
round 229, starting client 8/10, id: 13
round 229, starting client 9/10, id: 68
round 229, starting client 10/10, id: 67
round 229, validation acc: 0.9663
starting round 230
clients: [91 97 26 72 40 9 64 45 13 17]
round 230, starting client 1/10, id: 91
round 230, starting client 2/10, id: 97
round 230, starting client 3/10, id: 26
round 230, starting client 4/10, id: 72
round 230, starting client 5/10, id: 40
round 230, starting client 6/10, id: 9
round 230, starting client 7/10, id: 64
round 230, starting client 8/10, id: 45
round 230, starting client 9/10, id: 13
round 230, starting client 10/10, id: 17
round 230, validation acc: 0.9718
starting round 231
clients: [41 65 40 66 52 14 15 36 80 63]
round 231, starting client 1/10, id: 41
round 231, starting client 2/10, id: 65
round 231, starting client 3/10, id: 40
round 231, starting client 4/10, id: 66
round 231, starting client 5/10, id: 52
round 231, starting client 6/10, id: 14
round 231, starting client 7/10, id: 15
round 231, starting client 8/10, id: 36
round 231, starting client 9/10, id: 80
round 231, starting client 10/10, id: 63
round 231, validation acc: 0.9669
starting round 232
clients: [92 79 11 47 43 10 49 36 38 41]
round 232, starting client 1/10, id: 92
round 232, starting client 2/10, id: 79
round 232, starting client 3/10, id: 11
round 232, starting client 4/10, id: 47
round 232, starting client 5/10, id: 43
round 232, starting client 6/10, id: 10
round 232, starting client 7/10, id: 49
round 232, starting client 8/10, id: 36
round 232, starting client 9/10, id: 38
round 232, starting client 10/10, id: 41
round 232, validation acc: 0.9709

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starting round 233
clients: [30 65 80 98 18 66 40 23 82 97]
round 233, starting client 1/10, id: 30
round 233, starting client 2/10, id: 65
round 233, starting client 3/10, id: 80
round 233, starting client 4/10, id: 98
round 233, starting client 5/10, id: 18
round 233, starting client 6/10, id: 66
round 233, starting client 7/10, id: 40
round 233, starting client 8/10, id: 23
round 233, starting client 9/10, id: 82
round 233, starting client 10/10, id: 97
round 233, validation acc: 0.9709
starting round 234
clients: [11 72 7 1 98 65 79 18 25 75]
round 234, starting client 1/10, id: 11
round 234, starting client 2/10, id: 72
round 234, starting client 3/10, id: 7
round 234, starting client 4/10, id: 1
round 234, starting client 5/10, id: 98
round 234, starting client 6/10, id: 65
round 234, starting client 7/10, id: 79
round 234, starting client 8/10, id: 18
round 234, starting client 9/10, id: 25
round 234, starting client 10/10, id: 75
round 234, validation acc: 0.9659
starting round 235
clients: [89 35 81 55 38 27 0 54 41 73]
round 235, starting client 1/10, id: 89
round 235, starting client 2/10, id: 35
round 235, starting client 3/10, id: 81
round 235, starting client 4/10, id: 55
round 235, starting client 5/10, id: 38
round 235, starting client 6/10, id: 27
round 235, starting client 7/10, id: 0
round 235, starting client 8/10, id: 54
round 235, starting client 9/10, id: 41
round 235, starting client 10/10, id: 73
round 235, validation acc: 0.9644
starting round 236
clients: [53 10 78 89 55 67 3 59 42 34]
round 236, starting client 1/10, id: 53
round 236, starting client 2/10, id: 10
round 236, starting client 3/10, id: 78
round 236, starting client 4/10, id: 89
round 236, starting client 5/10, id: 55
round 236, starting client 6/10, id: 67
round 236, starting client 7/10, id: 3

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round 236, starting client 8/10, id: 59
 round 236, starting client 9/10, id: 42
 round 236, starting client 10/10, id: 34
 round 236, validation acc: 0.9615
 starting round 237
 clients: [31 42 48 4 85 94 91 82 44 45]
 round 237, starting client 1/10, id: 31
 round 237, starting client 2/10, id: 42
 round 237, starting client 3/10, id: 48
 round 237, starting client 4/10, id: 4
 round 237, starting client 5/10, id: 85
 round 237, starting client 6/10, id: 94
 round 237, starting client 7/10, id: 91
 round 237, starting client 8/10, id: 82
 round 237, starting client 9/10, id: 44
 round 237, starting client 10/10, id: 45
 round 237, validation acc: 0.9638
 starting round 238
 clients: [73 6 22 17 75 66 43 41 59 24]
 round 238, starting client 1/10, id: 73
 round 238, starting client 2/10, id: 6
 round 238, starting client 3/10, id: 22
 round 238, starting client 4/10, id: 17
 round 238, starting client 5/10, id: 75
 round 238, starting client 6/10, id: 66
 round 238, starting client 7/10, id: 43
 round 238, starting client 8/10, id: 41
 round 238, starting client 9/10, id: 59
 round 238, starting client 10/10, id: 24
 round 238, validation acc: 0.9645
 starting round 239
 clients: [16 41 52 55 99 58 12 13 28 87]
 round 239, starting client 1/10, id: 16
 round 239, starting client 2/10, id: 41
 round 239, starting client 3/10, id: 52
 round 239, starting client 4/10, id: 55
 round 239, starting client 5/10, id: 99
 round 239, starting client 6/10, id: 58
 round 239, starting client 7/10, id: 12
 round 239, starting client 8/10, id: 13
 round 239, starting client 9/10, id: 28
 round 239, starting client 10/10, id: 87
 round 239, validation acc: 0.9605
 starting round 240
 clients: [53 95 5 54 67 65 50 35 43 13]
 round 240, starting client 1/10, id: 53
 round 240, starting client 2/10, id: 95
 round 240, starting client 3/10, id: 5

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round 240, starting client 4/10, id: 54
round 240, starting client 5/10, id: 67
round 240, starting client 6/10, id: 65
round 240, starting client 7/10, id: 50
round 240, starting client 8/10, id: 35
round 240, starting client 9/10, id: 43
round 240, starting client 10/10, id: 13
round 240, validation acc: 0.9607
starting round 241
clients: [20 29 58 53 49 0 89 7 69 13]
round 241, starting client 1/10, id: 20
round 241, starting client 2/10, id: 29
round 241, starting client 3/10, id: 58
round 241, starting client 4/10, id: 53
round 241, starting client 5/10, id: 49
round 241, starting client 6/10, id: 0
round 241, starting client 7/10, id: 89
round 241, starting client 8/10, id: 7
round 241, starting client 9/10, id: 69
round 241, starting client 10/10, id: 13
round 241, validation acc: 0.965
starting round 242
clients: [94 86 72 0 88 34 60 16 30 40]
round 242, starting client 1/10, id: 94
round 242, starting client 2/10, id: 86
round 242, starting client 3/10, id: 72
round 242, starting client 4/10, id: 0
round 242, starting client 5/10, id: 88
round 242, starting client 6/10, id: 34
round 242, starting client 7/10, id: 60
round 242, starting client 8/10, id: 16
round 242, starting client 9/10, id: 30
round 242, starting client 10/10, id: 40
round 242, validation acc: 0.9666
starting round 243
clients: [84 34 98 78 96 90 93 71 92 60]
round 243, starting client 1/10, id: 84
round 243, starting client 2/10, id: 34
round 243, starting client 3/10, id: 98
round 243, starting client 4/10, id: 78
round 243, starting client 5/10, id: 96
round 243, starting client 6/10, id: 90
round 243, starting client 7/10, id: 93
round 243, starting client 8/10, id: 71
round 243, starting client 9/10, id: 92
round 243, starting client 10/10, id: 60
round 243, validation acc: 0.9543
starting round 244

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clients: [92 98 37 57 29 4 28 93 17 8]
round 244, starting client 1/10, id: 92
round 244, starting client 2/10, id: 98
round 244, starting client 3/10, id: 37
round 244, starting client 4/10, id: 57
round 244, starting client 5/10, id: 29
round 244, starting client 6/10, id: 4
round 244, starting client 7/10, id: 28
round 244, starting client 8/10, id: 93
round 244, starting client 9/10, id: 17
round 244, starting client 10/10, id: 8
round 244, validation acc: 0.9676
starting round 245
clients: [23 58 40 51 63 73 26 69 85 30]
round 245, starting client 1/10, id: 23
round 245, starting client 2/10, id: 58
round 245, starting client 3/10, id: 40
round 245, starting client 4/10, id: 51
round 245, starting client 5/10, id: 63
round 245, starting client 6/10, id: 73
round 245, starting client 7/10, id: 26
round 245, starting client 8/10, id: 69
round 245, starting client 9/10, id: 85
round 245, starting client 10/10, id: 30
round 245, validation acc: 0.9724
starting round 246
clients: [51 42 81 32 3 83 69 74 43 36]
round 246, starting client 1/10, id: 51
round 246, starting client 2/10, id: 42
round 246, starting client 3/10, id: 81
round 246, starting client 4/10, id: 32
round 246, starting client 5/10, id: 3
round 246, starting client 6/10, id: 83
round 246, starting client 7/10, id: 69
round 246, starting client 8/10, id: 74
round 246, starting client 9/10, id: 43
round 246, starting client 10/10, id: 36
round 246, validation acc: 0.9681
starting round 247
clients: [81 55 56 2 41 10 68 1 76 28]
round 247, starting client 1/10, id: 81
round 247, starting client 2/10, id: 55
round 247, starting client 3/10, id: 56
round 247, starting client 4/10, id: 2
round 247, starting client 5/10, id: 41
round 247, starting client 6/10, id: 10
round 247, starting client 7/10, id: 68
round 247, starting client 8/10, id: 1

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round 247, starting client 9/10, id: 76
round 247, starting client 10/10, id: 28
round 247, validation acc: 0.9681
starting round 248
clients: [14 66 69 42 74 97 58 15 3 49]
round 248, starting client 1/10, id: 14
round 248, starting client 2/10, id: 66
round 248, starting client 3/10, id: 69
round 248, starting client 4/10, id: 42
round 248, starting client 5/10, id: 74
round 248, starting client 6/10, id: 97
round 248, starting client 7/10, id: 58
round 248, starting client 8/10, id: 15
round 248, starting client 9/10, id: 3
round 248, starting client 10/10, id: 49
round 248, validation acc: 0.9723
starting round 249
clients: [77 54 82 88 85 91 36 2 89 12]
round 249, starting client 1/10, id: 77
round 249, starting client 2/10, id: 54
round 249, starting client 3/10, id: 82
round 249, starting client 4/10, id: 88
round 249, starting client 5/10, id: 85
round 249, starting client 6/10, id: 91
round 249, starting client 7/10, id: 36
round 249, starting client 8/10, id: 2
round 249, starting client 9/10, id: 89
round 249, starting client 10/10, id: 12
round 249, validation acc: 0.9716
starting round 250
clients: [99 66 79 73 75 57 77 36 68 76]
round 250, starting client 1/10, id: 99
round 250, starting client 2/10, id: 66
round 250, starting client 3/10, id: 79
round 250, starting client 4/10, id: 73
round 250, starting client 5/10, id: 75
round 250, starting client 6/10, id: 57
round 250, starting client 7/10, id: 77
round 250, starting client 8/10, id: 36
round 250, starting client 9/10, id: 68
round 250, starting client 10/10, id: 76
round 250, validation acc: 0.9709
starting round 251
clients: [98 94 79 46 77 84 49 30 32 7]
round 251, starting client 1/10, id: 98
round 251, starting client 2/10, id: 94
round 251, starting client 3/10, id: 79
round 251, starting client 4/10, id: 46

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round 251, starting client 5/10, id: 77
round 251, starting client 6/10, id: 84
round 251, starting client 7/10, id: 49
round 251, starting client 8/10, id: 30
round 251, starting client 9/10, id: 32
round 251, starting client 10/10, id: 7
round 251, validation acc: 0.969
starting round 252
clients: [33 98 46 34 87 72 81 55 3 7]
round 252, starting client 1/10, id: 33
round 252, starting client 2/10, id: 98
round 252, starting client 3/10, id: 46
round 252, starting client 4/10, id: 34
round 252, starting client 5/10, id: 87
round 252, starting client 6/10, id: 72
round 252, starting client 7/10, id: 81
round 252, starting client 8/10, id: 55
round 252, starting client 9/10, id: 3
round 252, starting client 10/10, id: 7
round 252, validation acc: 0.9697
starting round 253
clients: [35 12 50 22 34 33 57 42 73 84]
round 253, starting client 1/10, id: 35
round 253, starting client 2/10, id: 12
round 253, starting client 3/10, id: 50
round 253, starting client 4/10, id: 22
round 253, starting client 5/10, id: 34
round 253, starting client 6/10, id: 33
round 253, starting client 7/10, id: 57
round 253, starting client 8/10, id: 42
round 253, starting client 9/10, id: 73
round 253, starting client 10/10, id: 84
round 253, validation acc: 0.9688
starting round 254
clients: [41 9 16 5 27 71 83 55 33 97]
round 254, starting client 1/10, id: 41
round 254, starting client 2/10, id: 9
round 254, starting client 3/10, id: 16
round 254, starting client 4/10, id: 5
round 254, starting client 5/10, id: 27
round 254, starting client 6/10, id: 71
round 254, starting client 7/10, id: 83
round 254, starting client 8/10, id: 55
round 254, starting client 9/10, id: 33
round 254, starting client 10/10, id: 97
round 254, validation acc: 0.9678
starting round 255
clients: [55 47 26 44 22 85 38 66 77 95]

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round 255, starting client 1/10, id: 55
round 255, starting client 2/10, id: 47
round 255, starting client 3/10, id: 26
round 255, starting client 4/10, id: 44
round 255, starting client 5/10, id: 22
round 255, starting client 6/10, id: 85
round 255, starting client 7/10, id: 38
round 255, starting client 8/10, id: 66
round 255, starting client 9/10, id: 77
round 255, starting client 10/10, id: 95
round 255, validation acc: 0.9699
starting round 256
clients: [88 47 25 52 53 2 4 98 85 8]
round 256, starting client 1/10, id: 88
round 256, starting client 2/10, id: 47
round 256, starting client 3/10, id: 25
round 256, starting client 4/10, id: 52
round 256, starting client 5/10, id: 53
round 256, starting client 6/10, id: 2
round 256, starting client 7/10, id: 4
round 256, starting client 8/10, id: 98
round 256, starting client 9/10, id: 85
round 256, starting client 10/10, id: 8
round 256, validation acc: 0.9686
starting round 257
clients: [ 8 96 81 10 16 38 52 1 53 57]
round 257, starting client 1/10, id: 8
round 257, starting client 2/10, id: 96
round 257, starting client 3/10, id: 81
round 257, starting client 4/10, id: 10
round 257, starting client 5/10, id: 16
round 257, starting client 6/10, id: 38
round 257, starting client 7/10, id: 52
round 257, starting client 8/10, id: 1
round 257, starting client 9/10, id: 53
round 257, starting client 10/10, id: 57
round 257, validation acc: 0.9654
starting round 258
clients: [43 92 15 48 91 82 86 63 77 2]
round 258, starting client 1/10, id: 43
round 258, starting client 2/10, id: 92
round 258, starting client 3/10, id: 15
round 258, starting client 4/10, id: 48
round 258, starting client 5/10, id: 91
round 258, starting client 6/10, id: 82
round 258, starting client 7/10, id: 86
round 258, starting client 8/10, id: 63
round 258, starting client 9/10, id: 77

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round 258, starting client 10/10, id: 2
round 258, validation acc: 0.9696
starting round 259
clients: [33 35 4 22 86 82 77 40 88 51]
round 259, starting client 1/10, id: 33
round 259, starting client 2/10, id: 35
round 259, starting client 3/10, id: 4
round 259, starting client 4/10, id: 22
round 259, starting client 5/10, id: 86
round 259, starting client 6/10, id: 82
round 259, starting client 7/10, id: 77
round 259, starting client 8/10, id: 40
round 259, starting client 9/10, id: 88
round 259, starting client 10/10, id: 51
round 259, validation acc: 0.9689
starting round 260
clients: [38 33 12 79 75 65 28 78 73 94]
round 260, starting client 1/10, id: 38
round 260, starting client 2/10, id: 33
round 260, starting client 3/10, id: 12
round 260, starting client 4/10, id: 79
round 260, starting client 5/10, id: 75
round 260, starting client 6/10, id: 65
round 260, starting client 7/10, id: 28
round 260, starting client 8/10, id: 78
round 260, starting client 9/10, id: 73
round 260, starting client 10/10, id: 94
round 260, validation acc: 0.9673
starting round 261
clients: [18 68 96 82 86 46 40 76 98 93]
round 261, starting client 1/10, id: 18
round 261, starting client 2/10, id: 68
round 261, starting client 3/10, id: 96
round 261, starting client 4/10, id: 82
round 261, starting client 5/10, id: 86
round 261, starting client 6/10, id: 46
round 261, starting client 7/10, id: 40
round 261, starting client 8/10, id: 76
round 261, starting client 9/10, id: 98
round 261, starting client 10/10, id: 93
round 261, validation acc: 0.971
starting round 262
clients: [67 34 31 30 80 33 26 4 96 12]
round 262, starting client 1/10, id: 67
round 262, starting client 2/10, id: 34
round 262, starting client 3/10, id: 31
round 262, starting client 4/10, id: 30
round 262, starting client 5/10, id: 80

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round 262, starting client 6/10, id: 33
round 262, starting client 7/10, id: 26
round 262, starting client 8/10, id: 4
round 262, starting client 9/10, id: 96
round 262, starting client 10/10, id: 12
round 262, validation acc: 0.9712
starting round 263
clients: [72 15 47 91 35 52 85 86 31 24]
round 263, starting client 1/10, id: 72
round 263, starting client 2/10, id: 15
round 263, starting client 3/10, id: 47
round 263, starting client 4/10, id: 91
round 263, starting client 5/10, id: 35
round 263, starting client 6/10, id: 52
round 263, starting client 7/10, id: 85
round 263, starting client 8/10, id: 86
round 263, starting client 9/10, id: 31
round 263, starting client 10/10, id: 24
round 263, validation acc: 0.9697
starting round 264
clients: [41 84 69 20 74 73 92 46 31 78]
round 264, starting client 1/10, id: 41
round 264, starting client 2/10, id: 84
round 264, starting client 3/10, id: 69
round 264, starting client 4/10, id: 20
round 264, starting client 5/10, id: 74
round 264, starting client 6/10, id: 73
round 264, starting client 7/10, id: 92
round 264, starting client 8/10, id: 46
round 264, starting client 9/10, id: 31
round 264, starting client 10/10, id: 78
round 264, validation acc: 0.9702
starting round 265
clients: [99 77 17 43 68 86 19 36 44 91]
round 265, starting client 1/10, id: 99
round 265, starting client 2/10, id: 77
round 265, starting client 3/10, id: 17
round 265, starting client 4/10, id: 43
round 265, starting client 5/10, id: 68
round 265, starting client 6/10, id: 86
round 265, starting client 7/10, id: 19
round 265, starting client 8/10, id: 36
round 265, starting client 9/10, id: 44
round 265, starting client 10/10, id: 91
round 265, validation acc: 0.9718
starting round 266
clients: [90 16 6 61 37 86 28 55 82 57]
round 266, starting client 1/10, id: 90

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round 266, starting client 2/10, id: 16
round 266, starting client 3/10, id: 6
round 266, starting client 4/10, id: 61
round 266, starting client 5/10, id: 37
round 266, starting client 6/10, id: 86
round 266, starting client 7/10, id: 28
round 266, starting client 8/10, id: 55
round 266, starting client 9/10, id: 82
round 266, starting client 10/10, id: 57
round 266, validation acc: 0.9682
starting round 267
clients: [19 11 37 17 29 33 53 90 77 44]
round 267, starting client 1/10, id: 19
round 267, starting client 2/10, id: 11
round 267, starting client 3/10, id: 37
round 267, starting client 4/10, id: 17
round 267, starting client 5/10, id: 29
round 267, starting client 6/10, id: 33
round 267, starting client 7/10, id: 53
round 267, starting client 8/10, id: 90
round 267, starting client 9/10, id: 77
round 267, starting client 10/10, id: 44
round 267, validation acc: 0.9715
starting round 268
clients: [77 68 74 0 35 96 87 84 67 9]
round 268, starting client 1/10, id: 77
round 268, starting client 2/10, id: 68
round 268, starting client 3/10, id: 74
round 268, starting client 4/10, id: 0
round 268, starting client 5/10, id: 35
round 268, starting client 6/10, id: 96
round 268, starting client 7/10, id: 87
round 268, starting client 8/10, id: 84
round 268, starting client 9/10, id: 67
round 268, starting client 10/10, id: 9
round 268, validation acc: 0.9711
starting round 269
clients: [40 23 61 17 79 67 57 91 84 56]
round 269, starting client 1/10, id: 40
round 269, starting client 2/10, id: 23
round 269, starting client 3/10, id: 61
round 269, starting client 4/10, id: 17
round 269, starting client 5/10, id: 79
round 269, starting client 6/10, id: 67
round 269, starting client 7/10, id: 57
round 269, starting client 8/10, id: 91
round 269, starting client 9/10, id: 84
round 269, starting client 10/10, id: 56

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round 269, validation acc: 0.971
starting round 270
clients: [83 87 10 74 20 0 51 68 15 11]
round 270, starting client 1/10, id: 83
round 270, starting client 2/10, id: 87
round 270, starting client 3/10, id: 10
round 270, starting client 4/10, id: 74
round 270, starting client 5/10, id: 20
round 270, starting client 6/10, id: 0
round 270, starting client 7/10, id: 51
round 270, starting client 8/10, id: 68
round 270, starting client 9/10, id: 15
round 270, starting client 10/10, id: 11
round 270, validation acc: 0.9721
starting round 271
clients: [66 64 37 60 21 0 16 61 42 86]
round 271, starting client 1/10, id: 66
round 271, starting client 2/10, id: 64
round 271, starting client 3/10, id: 37
round 271, starting client 4/10, id: 60
round 271, starting client 5/10, id: 21
round 271, starting client 6/10, id: 0
round 271, starting client 7/10, id: 16
round 271, starting client 8/10, id: 61
round 271, starting client 9/10, id: 42
round 271, starting client 10/10, id: 86
round 271, validation acc: 0.9717
starting round 272
clients: [19 22 29 54 24 35 6 26 77 7]
round 272, starting client 1/10, id: 19
round 272, starting client 2/10, id: 22
round 272, starting client 3/10, id: 29
round 272, starting client 4/10, id: 54
round 272, starting client 5/10, id: 24
round 272, starting client 6/10, id: 35
round 272, starting client 7/10, id: 6
round 272, starting client 8/10, id: 26
round 272, starting client 9/10, id: 77
round 272, starting client 10/10, id: 7
round 272, validation acc: 0.9712
starting round 273
clients: [8 2 98 34 40 62 43 69 36 79]
round 273, starting client 1/10, id: 8
round 273, starting client 2/10, id: 2
round 273, starting client 3/10, id: 98
round 273, starting client 4/10, id: 34
round 273, starting client 5/10, id: 40
round 273, starting client 6/10, id: 62

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round 273, starting client 7/10, id: 43
round 273, starting client 8/10, id: 69
round 273, starting client 9/10, id: 36
round 273, starting client 10/10, id: 79
round 273, validation acc: 0.9719
starting round 274
clients: [57 99 73 41 74 58 51 42 37 69]
round 274, starting client 1/10, id: 57
round 274, starting client 2/10, id: 99
round 274, starting client 3/10, id: 73
round 274, starting client 4/10, id: 41
round 274, starting client 5/10, id: 74
round 274, starting client 6/10, id: 58
round 274, starting client 7/10, id: 51
round 274, starting client 8/10, id: 42
round 274, starting client 9/10, id: 37
round 274, starting client 10/10, id: 69
round 274, validation acc: 0.9724
starting round 275
clients: [13 17 38 49 88 33 59 87 83 72]
round 275, starting client 1/10, id: 13
round 275, starting client 2/10, id: 17
round 275, starting client 3/10, id: 38
round 275, starting client 4/10, id: 49
round 275, starting client 5/10, id: 88
round 275, starting client 6/10, id: 33
round 275, starting client 7/10, id: 59
round 275, starting client 8/10, id: 87
round 275, starting client 9/10, id: 83
round 275, starting client 10/10, id: 72
round 275, validation acc: 0.9722
starting round 276
clients: [90 27 52 26 64 21 13 47 31 73]
round 276, starting client 1/10, id: 90
round 276, starting client 2/10, id: 27
round 276, starting client 3/10, id: 52
round 276, starting client 4/10, id: 26
round 276, starting client 5/10, id: 64
round 276, starting client 6/10, id: 21
round 276, starting client 7/10, id: 13
round 276, starting client 8/10, id: 47
round 276, starting client 9/10, id: 31
round 276, starting client 10/10, id: 73
round 276, validation acc: 0.9696
starting round 277
clients: [1 6 71 99 43 94 83 17 82 93]
round 277, starting client 1/10, id: 1
round 277, starting client 2/10, id: 6

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round 277, starting client 3/10, id: 71
round 277, starting client 4/10, id: 99
round 277, starting client 5/10, id: 43
round 277, starting client 6/10, id: 94
round 277, starting client 7/10, id: 83
round 277, starting client 8/10, id: 17
round 277, starting client 9/10, id: 82
round 277, starting client 10/10, id: 93
round 277, validation acc: 0.9703
starting round 278
clients: [47 78 88 33 40 39 28 62 73 2]
round 278, starting client 1/10, id: 47
round 278, starting client 2/10, id: 78
round 278, starting client 3/10, id: 88
round 278, starting client 4/10, id: 33
round 278, starting client 5/10, id: 40
round 278, starting client 6/10, id: 39
round 278, starting client 7/10, id: 28
round 278, starting client 8/10, id: 62
round 278, starting client 9/10, id: 73
round 278, starting client 10/10, id: 2
round 278, validation acc: 0.9718
starting round 279
clients: [37 40 36 33 9 73 60 7 14 95]
round 279, starting client 1/10, id: 37
round 279, starting client 2/10, id: 40
round 279, starting client 3/10, id: 36
round 279, starting client 4/10, id: 33
round 279, starting client 5/10, id: 9
round 279, starting client 6/10, id: 73
round 279, starting client 7/10, id: 60
round 279, starting client 8/10, id: 7
round 279, starting client 9/10, id: 14
round 279, starting client 10/10, id: 95
round 279, validation acc: 0.9725
starting round 280
clients: [10 31 40 35 82 87 92 34 75 73]
round 280, starting client 1/10, id: 10
round 280, starting client 2/10, id: 31
round 280, starting client 3/10, id: 40
round 280, starting client 4/10, id: 35
round 280, starting client 5/10, id: 82
round 280, starting client 6/10, id: 87
round 280, starting client 7/10, id: 92
round 280, starting client 8/10, id: 34
round 280, starting client 9/10, id: 75
round 280, starting client 10/10, id: 73
round 280, validation acc: 0.9743

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starting round 281
clients: [74 49 73 66 96 37 27 78 34 6]
round 281, starting client 1/10, id: 74
round 281, starting client 2/10, id: 49
round 281, starting client 3/10, id: 73
round 281, starting client 4/10, id: 66
round 281, starting client 5/10, id: 96
round 281, starting client 6/10, id: 37
round 281, starting client 7/10, id: 27
round 281, starting client 8/10, id: 78
round 281, starting client 9/10, id: 34
round 281, starting client 10/10, id: 6
round 281, validation acc: 0.9718
starting round 282
clients: [27 69 43 81 51 18 67 32 86 31]
round 282, starting client 1/10, id: 27
round 282, starting client 2/10, id: 69
round 282, starting client 3/10, id: 43
round 282, starting client 4/10, id: 81
round 282, starting client 5/10, id: 51
round 282, starting client 6/10, id: 18
round 282, starting client 7/10, id: 67
round 282, starting client 8/10, id: 32
round 282, starting client 9/10, id: 86
round 282, starting client 10/10, id: 31
round 282, validation acc: 0.9745
starting round 283
clients: [24 83 37 30 91 72 87 59 75 19]
round 283, starting client 1/10, id: 24
round 283, starting client 2/10, id: 83
round 283, starting client 3/10, id: 37
round 283, starting client 4/10, id: 30
round 283, starting client 5/10, id: 91
round 283, starting client 6/10, id: 72
round 283, starting client 7/10, id: 87
round 283, starting client 8/10, id: 59
round 283, starting client 9/10, id: 75
round 283, starting client 10/10, id: 19
round 283, validation acc: 0.9715
starting round 284
clients: [27 78 99 37 72 92 88 74 12 42]
round 284, starting client 1/10, id: 27
round 284, starting client 2/10, id: 78
round 284, starting client 3/10, id: 99
round 284, starting client 4/10, id: 37
round 284, starting client 5/10, id: 72
round 284, starting client 6/10, id: 92
round 284, starting client 7/10, id: 88

round 284, starting client 8/10, id: 74
 round 284, starting client 9/10, id: 12
 round 284, starting client 10/10, id: 42
 round 284, validation acc: 0.9688
 starting round 285
 clients: [69 45 65 79 16 10 77 70 49 68]
 round 285, starting client 1/10, id: 69
 round 285, starting client 2/10, id: 45
 round 285, starting client 3/10, id: 65
 round 285, starting client 4/10, id: 79
 round 285, starting client 5/10, id: 16
 round 285, starting client 6/10, id: 10
 round 285, starting client 7/10, id: 77
 round 285, starting client 8/10, id: 70
 round 285, starting client 9/10, id: 49
 round 285, starting client 10/10, id: 68
 round 285, validation acc: 0.9631
 starting round 286
 clients: [80 14 91 19 49 17 33 11 1 73]
 round 286, starting client 1/10, id: 80
 round 286, starting client 2/10, id: 14
 round 286, starting client 3/10, id: 91
 round 286, starting client 4/10, id: 19
 round 286, starting client 5/10, id: 49
 round 286, starting client 6/10, id: 17
 round 286, starting client 7/10, id: 33
 round 286, starting client 8/10, id: 11
 round 286, starting client 9/10, id: 1
 round 286, starting client 10/10, id: 73
 round 286, validation acc: 0.9653
 starting round 287
 clients: [20 97 83 71 92 11 53 38 75 48]
 round 287, starting client 1/10, id: 20
 round 287, starting client 2/10, id: 97
 round 287, starting client 3/10, id: 83
 round 287, starting client 4/10, id: 71
 round 287, starting client 5/10, id: 92
 round 287, starting client 6/10, id: 11
 round 287, starting client 7/10, id: 53
 round 287, starting client 8/10, id: 38
 round 287, starting client 9/10, id: 75
 round 287, starting client 10/10, id: 48
 round 287, validation acc: 0.9716
 starting round 288
 clients: [78 12 22 11 47 6 10 50 75 46]
 round 288, starting client 1/10, id: 78
 round 288, starting client 2/10, id: 12
 round 288, starting client 3/10, id: 22

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round 288, starting client 4/10, id: 11
round 288, starting client 5/10, id: 47
round 288, starting client 6/10, id: 6
round 288, starting client 7/10, id: 10
round 288, starting client 8/10, id: 50
round 288, starting client 9/10, id: 75
round 288, starting client 10/10, id: 46
round 288, validation acc: 0.9704
starting round 289
clients: [34 48 70 16 55 47 67 69 98 4]
round 289, starting client 1/10, id: 34
round 289, starting client 2/10, id: 48
round 289, starting client 3/10, id: 70
round 289, starting client 4/10, id: 16
round 289, starting client 5/10, id: 55
round 289, starting client 6/10, id: 47
round 289, starting client 7/10, id: 67
round 289, starting client 8/10, id: 69
round 289, starting client 9/10, id: 98
round 289, starting client 10/10, id: 4
round 289, validation acc: 0.9679
starting round 290
clients: [27 78 63 96 28 82 10 50 44 95]
round 290, starting client 1/10, id: 27
round 290, starting client 2/10, id: 78
round 290, starting client 3/10, id: 63
round 290, starting client 4/10, id: 96
round 290, starting client 5/10, id: 28
round 290, starting client 6/10, id: 82
round 290, starting client 7/10, id: 10
round 290, starting client 8/10, id: 50
round 290, starting client 9/10, id: 44
round 290, starting client 10/10, id: 95
round 290, validation acc: 0.9682
starting round 291
clients: [46 81 2 24 52 57 15 4 33 18]
round 291, starting client 1/10, id: 46
round 291, starting client 2/10, id: 81
round 291, starting client 3/10, id: 2
round 291, starting client 4/10, id: 24
round 291, starting client 5/10, id: 52
round 291, starting client 6/10, id: 57
round 291, starting client 7/10, id: 15
round 291, starting client 8/10, id: 4
round 291, starting client 9/10, id: 33
round 291, starting client 10/10, id: 18
round 291, validation acc: 0.9673
starting round 292

```

clients: [61 27 42 3 96 43 46 86 25 57]
round 292, starting client 1/10, id: 61
round 292, starting client 2/10, id: 27
round 292, starting client 3/10, id: 42
round 292, starting client 4/10, id: 3
round 292, starting client 5/10, id: 96
round 292, starting client 6/10, id: 43
round 292, starting client 7/10, id: 46
round 292, starting client 8/10, id: 86
round 292, starting client 9/10, id: 25
round 292, starting client 10/10, id: 57
round 292, validation acc: 0.9734
starting round 293
clients: [28 48 89 87 7 66 67 77 59 42]
round 293, starting client 1/10, id: 28
round 293, starting client 2/10, id: 48
round 293, starting client 3/10, id: 89
round 293, starting client 4/10, id: 87
round 293, starting client 5/10, id: 7
round 293, starting client 6/10, id: 66
round 293, starting client 7/10, id: 67
round 293, starting client 8/10, id: 77
round 293, starting client 9/10, id: 59
round 293, starting client 10/10, id: 42
round 293, validation acc: 0.9706
starting round 294
clients: [80 16 39 53 54 35 3 58 85 92]
round 294, starting client 1/10, id: 80
round 294, starting client 2/10, id: 16
round 294, starting client 3/10, id: 39
round 294, starting client 4/10, id: 53
round 294, starting client 5/10, id: 54
round 294, starting client 6/10, id: 35
round 294, starting client 7/10, id: 3
round 294, starting client 8/10, id: 58
round 294, starting client 9/10, id: 85
round 294, starting client 10/10, id: 92
round 294, validation acc: 0.9686
starting round 295
clients: [64 19 98 84 45 65 50 76 17 92]
round 295, starting client 1/10, id: 64
round 295, starting client 2/10, id: 19
round 295, starting client 3/10, id: 98
round 295, starting client 4/10, id: 84
round 295, starting client 5/10, id: 45
round 295, starting client 6/10, id: 65
round 295, starting client 7/10, id: 50
round 295, starting client 8/10, id: 76

```

round 295, starting client 9/10, id: 17
round 295, starting client 10/10, id: 92
round 295, validation acc: 0.9639
starting round 296
clients: [38 69 30 80 98 2 4 1 29 44]
round 296, starting client 1/10, id: 38
round 296, starting client 2/10, id: 69
round 296, starting client 3/10, id: 30
round 296, starting client 4/10, id: 80
round 296, starting client 5/10, id: 98
round 296, starting client 6/10, id: 2
round 296, starting client 7/10, id: 4
round 296, starting client 8/10, id: 1
round 296, starting client 9/10, id: 29
round 296, starting client 10/10, id: 44
round 296, validation acc: 0.9696
starting round 297
clients: [31 95 62 7 66 37 79 56 60 26]
round 297, starting client 1/10, id: 31
round 297, starting client 2/10, id: 95
round 297, starting client 3/10, id: 62
round 297, starting client 4/10, id: 7
round 297, starting client 5/10, id: 66
round 297, starting client 6/10, id: 37
round 297, starting client 7/10, id: 79
round 297, starting client 8/10, id: 56
round 297, starting client 9/10, id: 60
round 297, starting client 10/10, id: 26
round 297, validation acc: 0.9716
starting round 298
clients: [48 0 90 18 96 3 95 64 77 83]
round 298, starting client 1/10, id: 48
round 298, starting client 2/10, id: 0
round 298, starting client 3/10, id: 90
round 298, starting client 4/10, id: 18
round 298, starting client 5/10, id: 96
round 298, starting client 6/10, id: 3
round 298, starting client 7/10, id: 95
round 298, starting client 8/10, id: 64
round 298, starting client 9/10, id: 77
round 298, starting client 10/10, id: 83
round 298, validation acc: 0.9714
starting round 299
clients: [62 99 33 74 17 28 60 86 49 54]
round 299, starting client 1/10, id: 62
round 299, starting client 2/10, id: 99
round 299, starting client 3/10, id: 33
round 299, starting client 4/10, id: 74

```

```

round 299, starting client 5/10, id: 17
round 299, starting client 6/10, id: 28
round 299, starting client 7/10, id: 60
round 299, starting client 8/10, id: 86
round 299, starting client 9/10, id: 49
round 299, starting client 10/10, id: 54
round 299, validation acc: 0.9722
[0.1984 0.3084 0.503  0.5701 0.6235 0.6122 0.6063 0.7539 0.7447 0.8539
 0.8199 0.8353 0.811  0.8157 0.8769 0.8278 0.8524 0.7959 0.8403 0.8694
 0.8611 0.8982 0.8642 0.9058 0.8778 0.8864 0.8832 0.8394 0.8894 0.8667
 0.907  0.9157 0.8956 0.9004 0.888  0.8883 0.9028 0.8906 0.9037 0.8734
 0.8147 0.914  0.9129 0.8932 0.8991 0.9255 0.9005 0.8648 0.8383 0.9325
 0.9289 0.9226 0.8516 0.8905 0.9257 0.9226 0.9323 0.9224 0.9177 0.9164
 0.9302 0.9366 0.9355 0.9264 0.9356 0.9392 0.9381 0.9252 0.9402 0.9326
 0.9369 0.9195 0.933  0.937  0.9384 0.9325 0.9402 0.9072 0.9367 0.9445
 0.9297 0.9171 0.9507 0.9332 0.9466 0.9427 0.9369 0.9305 0.9476 0.9358
 0.942  0.9252 0.9321 0.9393 0.9339 0.9429 0.9351 0.9412 0.9423 0.9331
 0.9433 0.9509 0.9423 0.9479 0.9529 0.9392 0.9112 0.951  0.9498 0.9551
 0.9515 0.947  0.9446 0.9544 0.9533 0.9528 0.9472 0.9524 0.9543 0.9409
 0.9471 0.9323 0.9416 0.9502 0.9363 0.957  0.9509 0.9548 0.9291 0.9541
 0.9421 0.9465 0.9424 0.9588 0.9604 0.9624 0.9572 0.9494 0.9583 0.9602
 0.9596 0.9534 0.9602 0.9485 0.9542 0.951  0.9514 0.9504 0.944  0.9548
 0.9629 0.9511 0.9517 0.9524 0.9651 0.9656 0.9613 0.9575 0.952  0.9606
 0.9617 0.9543 0.9641 0.9585 0.9611 0.9576 0.96  0.9637 0.958  0.9616
 0.944  0.9628 0.9627 0.9604 0.9564 0.9552 0.9656 0.9617 0.9513 0.9565
 0.9665 0.9656 0.9578 0.9657 0.9594 0.9675 0.9676 0.9659 0.9612 0.963
 0.9669 0.9618 0.967  0.9681 0.9675 0.9668 0.9624 0.9588 0.9554 0.9565
 0.9632 0.9589 0.955  0.961  0.9638 0.9667 0.9706 0.9696 0.9575 0.9611
 0.9673 0.9685 0.9643 0.9633 0.9621 0.9625 0.9494 0.9706 0.9653 0.97
 0.9624 0.9697 0.9694 0.9699 0.9691 0.9694 0.966  0.9614 0.9673 0.9663
 0.9718 0.9669 0.9709 0.9709 0.9659 0.9644 0.9615 0.9638 0.9645 0.9605
 0.9607 0.965  0.9666 0.9543 0.9676 0.9724 0.9681 0.9681 0.9723 0.9716
 0.9709 0.969  0.9697 0.9688 0.9678 0.9699 0.9686 0.9654 0.9696 0.9689
 0.9673 0.971  0.9712 0.9697 0.9702 0.9718 0.9682 0.9715 0.9711 0.971
 0.9721 0.9717 0.9712 0.9719 0.9724 0.9722 0.9696 0.9703 0.9718 0.9725
 0.9743 0.9718 0.9745 0.9715 0.9688 0.9631 0.9653 0.9716 0.9704 0.9679
 0.9682 0.9673 0.9734 0.9706 0.9686 0.9639 0.9696 0.9716 0.9714 0.9722]

```

```

[56]: # MLP - noniid - m=50 experiment
mlp_noniid_m50 = copy.deepcopy(mlp)
acc_mlp_noniid_m50 = fed_avg_experiment(mlp_noniid_m50,
    ↪ num_clients_per_round=50,
                                num_local_epochs=1,
                                lr=0.05,
                                client_train_loader =
    ↪ noniid_client_train_loader,
                                max_rounds=300,

```



```

filename='./acc_mlp_noniid_m50')
print(acc_mlp_noniid_m50)
np.save('./acc_mlp_noniid_m50.npy', acc_mlp_noniid_m50)

```

```

starting round 0
clients: [49 46 42 72 15 93 22 30 61  3 80 74 73 28 68 21 48 44 78 20  8 19 10
39
60 12 76 54 87 51 40 66 11 29 26 38 16 84 34 37  1 65  9 18 57 14 59 47
86 27]
round 0, starting client 1/50, id: 49
round 0, starting client 2/50, id: 46
round 0, starting client 3/50, id: 42
round 0, starting client 4/50, id: 72
round 0, starting client 5/50, id: 15
round 0, starting client 6/50, id: 93
round 0, starting client 7/50, id: 22
round 0, starting client 8/50, id: 30
round 0, starting client 9/50, id: 61
round 0, starting client 10/50, id: 3
round 0, starting client 11/50, id: 80
round 0, starting client 12/50, id: 74
round 0, starting client 13/50, id: 73
round 0, starting client 14/50, id: 28
round 0, starting client 15/50, id: 68
round 0, starting client 16/50, id: 21
round 0, starting client 17/50, id: 48
round 0, starting client 18/50, id: 44
round 0, starting client 19/50, id: 78
round 0, starting client 20/50, id: 20
round 0, starting client 21/50, id: 8
round 0, starting client 22/50, id: 19
round 0, starting client 23/50, id: 10
round 0, starting client 24/50, id: 39
round 0, starting client 25/50, id: 60
round 0, starting client 26/50, id: 12
round 0, starting client 27/50, id: 76
round 0, starting client 28/50, id: 54
round 0, starting client 29/50, id: 87
round 0, starting client 30/50, id: 51
round 0, starting client 31/50, id: 40
round 0, starting client 32/50, id: 66
round 0, starting client 33/50, id: 11
round 0, starting client 34/50, id: 29
round 0, starting client 35/50, id: 26
round 0, starting client 36/50, id: 38
round 0, starting client 37/50, id: 16
round 0, starting client 38/50, id: 84
round 0, starting client 39/50, id: 34

```

```

round 0, starting client 40/50, id: 37
round 0, starting client 41/50, id: 1
round 0, starting client 42/50, id: 65
round 0, starting client 43/50, id: 9
round 0, starting client 44/50, id: 18
round 0, starting client 45/50, id: 57
round 0, starting client 46/50, id: 14
round 0, starting client 47/50, id: 59
round 0, starting client 48/50, id: 47
round 0, starting client 49/50, id: 86
round 0, starting client 50/50, id: 27
round 0, validation acc: 0.4088
starting round 1
clients: [42 48 19 86 29 40 69 56 30 13 45 52 79 58 2 83 47 37 64 14 41 4 27
35
78 31 90 36 16 95 8 51 70 66 15 59 72 38 84 0 96 89 97 5 76 7 54 98
39 82]
round 1, starting client 1/50, id: 42
round 1, starting client 2/50, id: 48
round 1, starting client 3/50, id: 19
round 1, starting client 4/50, id: 86
round 1, starting client 5/50, id: 29
round 1, starting client 6/50, id: 40
round 1, starting client 7/50, id: 69
round 1, starting client 8/50, id: 56
round 1, starting client 9/50, id: 30
round 1, starting client 10/50, id: 13
round 1, starting client 11/50, id: 45
round 1, starting client 12/50, id: 52
round 1, starting client 13/50, id: 79
round 1, starting client 14/50, id: 58
round 1, starting client 15/50, id: 2
round 1, starting client 16/50, id: 83
round 1, starting client 17/50, id: 47
round 1, starting client 18/50, id: 37
round 1, starting client 19/50, id: 64
round 1, starting client 20/50, id: 14
round 1, starting client 21/50, id: 41
round 1, starting client 22/50, id: 4
round 1, starting client 23/50, id: 27
round 1, starting client 24/50, id: 35
round 1, starting client 25/50, id: 78
round 1, starting client 26/50, id: 31
round 1, starting client 27/50, id: 90
round 1, starting client 28/50, id: 36
round 1, starting client 29/50, id: 16
round 1, starting client 30/50, id: 95
round 1, starting client 31/50, id: 8

```

```

round 1, starting client 32/50, id: 51
round 1, starting client 33/50, id: 70
round 1, starting client 34/50, id: 66
round 1, starting client 35/50, id: 15
round 1, starting client 36/50, id: 59
round 1, starting client 37/50, id: 72
round 1, starting client 38/50, id: 38
round 1, starting client 39/50, id: 84
round 1, starting client 40/50, id: 0
round 1, starting client 41/50, id: 96
round 1, starting client 42/50, id: 89
round 1, starting client 43/50, id: 97
round 1, starting client 44/50, id: 5
round 1, starting client 45/50, id: 76
round 1, starting client 46/50, id: 7
round 1, starting client 47/50, id: 54
round 1, starting client 48/50, id: 98
round 1, starting client 49/50, id: 39
round 1, starting client 50/50, id: 82
round 1, validation acc: 0.5196
starting round 2
clients: [34 35 96 82 87 52 23 90 55 78 95 68 22 40 73 89 39 15 11 83 66 14 60
3
67 74 53 18 24 58 13 6 10 8 76 1 65 43 7 63 99 75 57 84 45 42 17 62
9 38]
round 2, starting client 1/50, id: 34
round 2, starting client 2/50, id: 35
round 2, starting client 3/50, id: 96
round 2, starting client 4/50, id: 82
round 2, starting client 5/50, id: 87
round 2, starting client 6/50, id: 52
round 2, starting client 7/50, id: 23
round 2, starting client 8/50, id: 90
round 2, starting client 9/50, id: 55
round 2, starting client 10/50, id: 78
round 2, starting client 11/50, id: 95
round 2, starting client 12/50, id: 68
round 2, starting client 13/50, id: 22
round 2, starting client 14/50, id: 40
round 2, starting client 15/50, id: 73
round 2, starting client 16/50, id: 89
round 2, starting client 17/50, id: 39
round 2, starting client 18/50, id: 15
round 2, starting client 19/50, id: 11
round 2, starting client 20/50, id: 83
round 2, starting client 21/50, id: 66
round 2, starting client 22/50, id: 14
round 2, starting client 23/50, id: 60

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round 2, starting client 24/50, id: 3
round 2, starting client 25/50, id: 67
round 2, starting client 26/50, id: 74
round 2, starting client 27/50, id: 53
round 2, starting client 28/50, id: 18
round 2, starting client 29/50, id: 24
round 2, starting client 30/50, id: 58
round 2, starting client 31/50, id: 13
round 2, starting client 32/50, id: 6
round 2, starting client 33/50, id: 10
round 2, starting client 34/50, id: 8
round 2, starting client 35/50, id: 76
round 2, starting client 36/50, id: 1
round 2, starting client 37/50, id: 65
round 2, starting client 38/50, id: 43
round 2, starting client 39/50, id: 7
round 2, starting client 40/50, id: 63
round 2, starting client 41/50, id: 99
round 2, starting client 42/50, id: 75
round 2, starting client 43/50, id: 57
round 2, starting client 44/50, id: 84
round 2, starting client 45/50, id: 45
round 2, starting client 46/50, id: 42
round 2, starting client 47/50, id: 17
round 2, starting client 48/50, id: 62
round 2, starting client 49/50, id: 9
round 2, starting client 50/50, id: 38
round 2, validation acc: 0.5865
starting round 3
clients: [55 69 72 94 64 49 84 71 82 44 16 92 25 87 78 68 90 62 65 77 11 60 0
39
30 24 93 40 36 66 99 85 41 52 14 51 56 33 53 86 12 46 34 59 88 28 22 15
57 7]
round 3, starting client 1/50, id: 55
round 3, starting client 2/50, id: 69
round 3, starting client 3/50, id: 72
round 3, starting client 4/50, id: 94
round 3, starting client 5/50, id: 64
round 3, starting client 6/50, id: 49
round 3, starting client 7/50, id: 84
round 3, starting client 8/50, id: 71
round 3, starting client 9/50, id: 82
round 3, starting client 10/50, id: 44
round 3, starting client 11/50, id: 16
round 3, starting client 12/50, id: 92
round 3, starting client 13/50, id: 25
round 3, starting client 14/50, id: 87
round 3, starting client 15/50, id: 78

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round 3, starting client 16/50, id: 68
round 3, starting client 17/50, id: 90
round 3, starting client 18/50, id: 62
round 3, starting client 19/50, id: 65
round 3, starting client 20/50, id: 77
round 3, starting client 21/50, id: 11
round 3, starting client 22/50, id: 60
round 3, starting client 23/50, id: 0
round 3, starting client 24/50, id: 39
round 3, starting client 25/50, id: 30
round 3, starting client 26/50, id: 24
round 3, starting client 27/50, id: 93
round 3, starting client 28/50, id: 40
round 3, starting client 29/50, id: 36
round 3, starting client 30/50, id: 66
round 3, starting client 31/50, id: 99
round 3, starting client 32/50, id: 85
round 3, starting client 33/50, id: 41
round 3, starting client 34/50, id: 52
round 3, starting client 35/50, id: 14
round 3, starting client 36/50, id: 51
round 3, starting client 37/50, id: 56
round 3, starting client 38/50, id: 33
round 3, starting client 39/50, id: 53
round 3, starting client 40/50, id: 86
round 3, starting client 41/50, id: 12
round 3, starting client 42/50, id: 46
round 3, starting client 43/50, id: 34
round 3, starting client 44/50, id: 59
round 3, starting client 45/50, id: 88
round 3, starting client 46/50, id: 28
round 3, starting client 47/50, id: 22
round 3, starting client 48/50, id: 15
round 3, starting client 49/50, id: 57
round 3, starting client 50/50, id: 7
round 3, validation acc: 0.6707
starting round 4
clients: [61 40 64 32 4 88 34 66 75 84 87 86 96 7 23 43 2 93 55 67 72 74 68
71
94 54 37 9 8 95 48 39 77 89 29 10 70 85 35 78 42 90 57 26 73 16 91 80
38 0]
round 4, starting client 1/50, id: 61
round 4, starting client 2/50, id: 40
round 4, starting client 3/50, id: 64
round 4, starting client 4/50, id: 32
round 4, starting client 5/50, id: 4
round 4, starting client 6/50, id: 88
round 4, starting client 7/50, id: 34

```

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round 4, starting client 8/50, id: 66
round 4, starting client 9/50, id: 75
round 4, starting client 10/50, id: 84
round 4, starting client 11/50, id: 87
round 4, starting client 12/50, id: 86
round 4, starting client 13/50, id: 96
round 4, starting client 14/50, id: 7
round 4, starting client 15/50, id: 23
round 4, starting client 16/50, id: 43
round 4, starting client 17/50, id: 2
round 4, starting client 18/50, id: 93
round 4, starting client 19/50, id: 55
round 4, starting client 20/50, id: 67
round 4, starting client 21/50, id: 72
round 4, starting client 22/50, id: 74
round 4, starting client 23/50, id: 68
round 4, starting client 24/50, id: 71
round 4, starting client 25/50, id: 94
round 4, starting client 26/50, id: 54
round 4, starting client 27/50, id: 37
round 4, starting client 28/50, id: 9
round 4, starting client 29/50, id: 8
round 4, starting client 30/50, id: 95
round 4, starting client 31/50, id: 48
round 4, starting client 32/50, id: 39
round 4, starting client 33/50, id: 77
round 4, starting client 34/50, id: 89
round 4, starting client 35/50, id: 29
round 4, starting client 36/50, id: 10
round 4, starting client 37/50, id: 70
round 4, starting client 38/50, id: 85
round 4, starting client 39/50, id: 35
round 4, starting client 40/50, id: 78
round 4, starting client 41/50, id: 42
round 4, starting client 42/50, id: 90
round 4, starting client 43/50, id: 57
round 4, starting client 44/50, id: 26
round 4, starting client 45/50, id: 73
round 4, starting client 46/50, id: 16
round 4, starting client 47/50, id: 91
round 4, starting client 48/50, id: 80
round 4, starting client 49/50, id: 38
round 4, starting client 50/50, id: 0
round 4, validation acc: 0.7805
starting round 5
clients: [43 31 28 32 84 90 9 72 17 61 99 55 79 78 27 6 42 47 3 0 88 66 97
8
45 11 34 25 20 7 64 63 68 10 54 49 56 24 86 18 36 12 87 41 58 22 67 82

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21 53]

round 5, starting client 1/50, id: 43
round 5, starting client 2/50, id: 31
round 5, starting client 3/50, id: 28
round 5, starting client 4/50, id: 32
round 5, starting client 5/50, id: 84
round 5, starting client 6/50, id: 90
round 5, starting client 7/50, id: 9
round 5, starting client 8/50, id: 72
round 5, starting client 9/50, id: 17
round 5, starting client 10/50, id: 61
round 5, starting client 11/50, id: 99
round 5, starting client 12/50, id: 55
round 5, starting client 13/50, id: 79
round 5, starting client 14/50, id: 78
round 5, starting client 15/50, id: 27
round 5, starting client 16/50, id: 6
round 5, starting client 17/50, id: 42
round 5, starting client 18/50, id: 47
round 5, starting client 19/50, id: 3
round 5, starting client 20/50, id: 0
round 5, starting client 21/50, id: 88
round 5, starting client 22/50, id: 66
round 5, starting client 23/50, id: 97
round 5, starting client 24/50, id: 8
round 5, starting client 25/50, id: 45
round 5, starting client 26/50, id: 11
round 5, starting client 27/50, id: 34
round 5, starting client 28/50, id: 25
round 5, starting client 29/50, id: 20
round 5, starting client 30/50, id: 7
round 5, starting client 31/50, id: 64
round 5, starting client 32/50, id: 63
round 5, starting client 33/50, id: 68
round 5, starting client 34/50, id: 10
round 5, starting client 35/50, id: 54
round 5, starting client 36/50, id: 49
round 5, starting client 37/50, id: 56
round 5, starting client 38/50, id: 24
round 5, starting client 39/50, id: 86
round 5, starting client 40/50, id: 18
round 5, starting client 41/50, id: 36
round 5, starting client 42/50, id: 12
round 5, starting client 43/50, id: 87
round 5, starting client 44/50, id: 41
round 5, starting client 45/50, id: 58
round 5, starting client 46/50, id: 22
round 5, starting client 47/50, id: 67

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round 5, starting client 48/50, id: 82
round 5, starting client 49/50, id: 21
round 5, starting client 50/50, id: 53
round 5, validation acc: 0.8217
starting round 6
clients: [19 76 52 56 13 46 26 6 43 25 93 82 10 68 59 48 84 80 50 74 55 90 57
60
89 40 14 87 97 99 94 24 28 44 27 75 39 66 62 83 51 18 41 88 71 54 98 58
53 78]
round 6, starting client 1/50, id: 19
round 6, starting client 2/50, id: 76
round 6, starting client 3/50, id: 52
round 6, starting client 4/50, id: 56
round 6, starting client 5/50, id: 13
round 6, starting client 6/50, id: 46
round 6, starting client 7/50, id: 26
round 6, starting client 8/50, id: 6
round 6, starting client 9/50, id: 43
round 6, starting client 10/50, id: 25
round 6, starting client 11/50, id: 93
round 6, starting client 12/50, id: 82
round 6, starting client 13/50, id: 10
round 6, starting client 14/50, id: 68
round 6, starting client 15/50, id: 59
round 6, starting client 16/50, id: 48
round 6, starting client 17/50, id: 84
round 6, starting client 18/50, id: 80
round 6, starting client 19/50, id: 50
round 6, starting client 20/50, id: 74
round 6, starting client 21/50, id: 55
round 6, starting client 22/50, id: 90
round 6, starting client 23/50, id: 57
round 6, starting client 24/50, id: 60
round 6, starting client 25/50, id: 89
round 6, starting client 26/50, id: 40
round 6, starting client 27/50, id: 14
round 6, starting client 28/50, id: 87
round 6, starting client 29/50, id: 97
round 6, starting client 30/50, id: 99
round 6, starting client 31/50, id: 94
round 6, starting client 32/50, id: 24
round 6, starting client 33/50, id: 28
round 6, starting client 34/50, id: 44
round 6, starting client 35/50, id: 27
round 6, starting client 36/50, id: 75
round 6, starting client 37/50, id: 39
round 6, starting client 38/50, id: 66
round 6, starting client 39/50, id: 62

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round 6, starting client 40/50, id: 83
round 6, starting client 41/50, id: 51
round 6, starting client 42/50, id: 18
round 6, starting client 43/50, id: 41
round 6, starting client 44/50, id: 88
round 6, starting client 45/50, id: 71
round 6, starting client 46/50, id: 54
round 6, starting client 47/50, id: 98
round 6, starting client 48/50, id: 58
round 6, starting client 49/50, id: 53
round 6, starting client 50/50, id: 78
round 6, validation acc: 0.8325
starting round 7
clients: [86 34 71 98 44 76 35 81 40 65 66 41 22 52 99 93 56 72 11 30 27 20 28
23
83 91 31 0 5 42 1 50 24 84 64 62 4 92 16 9 95 85 74 57 3 48 12 26
21 39]
round 7, starting client 1/50, id: 86
round 7, starting client 2/50, id: 34
round 7, starting client 3/50, id: 71
round 7, starting client 4/50, id: 98
round 7, starting client 5/50, id: 44
round 7, starting client 6/50, id: 76
round 7, starting client 7/50, id: 35
round 7, starting client 8/50, id: 81
round 7, starting client 9/50, id: 40
round 7, starting client 10/50, id: 65
round 7, starting client 11/50, id: 66
round 7, starting client 12/50, id: 41
round 7, starting client 13/50, id: 22
round 7, starting client 14/50, id: 52
round 7, starting client 15/50, id: 99
round 7, starting client 16/50, id: 93
round 7, starting client 17/50, id: 56
round 7, starting client 18/50, id: 72
round 7, starting client 19/50, id: 11
round 7, starting client 20/50, id: 30
round 7, starting client 21/50, id: 27
round 7, starting client 22/50, id: 20
round 7, starting client 23/50, id: 28
round 7, starting client 24/50, id: 23
round 7, starting client 25/50, id: 83
round 7, starting client 26/50, id: 91
round 7, starting client 27/50, id: 31
round 7, starting client 28/50, id: 0
round 7, starting client 29/50, id: 5
round 7, starting client 30/50, id: 42
round 7, starting client 31/50, id: 1

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round 7, starting client 32/50, id: 50
round 7, starting client 33/50, id: 24
round 7, starting client 34/50, id: 84
round 7, starting client 35/50, id: 64
round 7, starting client 36/50, id: 62
round 7, starting client 37/50, id: 4
round 7, starting client 38/50, id: 92
round 7, starting client 39/50, id: 16
round 7, starting client 40/50, id: 9
round 7, starting client 41/50, id: 95
round 7, starting client 42/50, id: 85
round 7, starting client 43/50, id: 74
round 7, starting client 44/50, id: 57
round 7, starting client 45/50, id: 3
round 7, starting client 46/50, id: 48
round 7, starting client 47/50, id: 12
round 7, starting client 48/50, id: 26
round 7, starting client 49/50, id: 21
round 7, starting client 50/50, id: 39
round 7, validation acc: 0.847
starting round 8
clients: [36 26 33 34 10 41 0 6 85 88 32 62 38 23 2 16 69 12 21 17 9 55 30
92
68 8 46 58 77 91 40 28 18 49 86 94 78 48 87 60 42 72 63 74 56 1 13 82
22 75]
round 8, starting client 1/50, id: 36
round 8, starting client 2/50, id: 26
round 8, starting client 3/50, id: 33
round 8, starting client 4/50, id: 34
round 8, starting client 5/50, id: 10
round 8, starting client 6/50, id: 41
round 8, starting client 7/50, id: 0
round 8, starting client 8/50, id: 6
round 8, starting client 9/50, id: 85
round 8, starting client 10/50, id: 88
round 8, starting client 11/50, id: 32
round 8, starting client 12/50, id: 62
round 8, starting client 13/50, id: 38
round 8, starting client 14/50, id: 23
round 8, starting client 15/50, id: 2
round 8, starting client 16/50, id: 16
round 8, starting client 17/50, id: 69
round 8, starting client 18/50, id: 12
round 8, starting client 19/50, id: 21
round 8, starting client 20/50, id: 17
round 8, starting client 21/50, id: 9
round 8, starting client 22/50, id: 55
round 8, starting client 23/50, id: 30

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round 8, starting client 24/50, id: 92
round 8, starting client 25/50, id: 68
round 8, starting client 26/50, id: 8
round 8, starting client 27/50, id: 46
round 8, starting client 28/50, id: 58
round 8, starting client 29/50, id: 77
round 8, starting client 30/50, id: 91
round 8, starting client 31/50, id: 40
round 8, starting client 32/50, id: 28
round 8, starting client 33/50, id: 18
round 8, starting client 34/50, id: 49
round 8, starting client 35/50, id: 86
round 8, starting client 36/50, id: 94
round 8, starting client 37/50, id: 78
round 8, starting client 38/50, id: 48
round 8, starting client 39/50, id: 87
round 8, starting client 40/50, id: 60
round 8, starting client 41/50, id: 42
round 8, starting client 42/50, id: 72
round 8, starting client 43/50, id: 63
round 8, starting client 44/50, id: 74
round 8, starting client 45/50, id: 56
round 8, starting client 46/50, id: 1
round 8, starting client 47/50, id: 13
round 8, starting client 48/50, id: 82
round 8, starting client 49/50, id: 22
round 8, starting client 50/50, id: 75
round 8, validation acc: 0.8613
starting round 9
clients: [13 88 35 65 82 98 85 84 27 2 99 52 4 45 33 19 57 32 55 43 26 15 47
20
31 16 62 25 6 78 42 80 72 51 7 86 49 54 59 79 0 40 14 75 97 66 21 10
18 1]
round 9, starting client 1/50, id: 13
round 9, starting client 2/50, id: 88
round 9, starting client 3/50, id: 35
round 9, starting client 4/50, id: 65
round 9, starting client 5/50, id: 82
round 9, starting client 6/50, id: 98
round 9, starting client 7/50, id: 85
round 9, starting client 8/50, id: 84
round 9, starting client 9/50, id: 27
round 9, starting client 10/50, id: 2
round 9, starting client 11/50, id: 99
round 9, starting client 12/50, id: 52
round 9, starting client 13/50, id: 4
round 9, starting client 14/50, id: 45
round 9, starting client 15/50, id: 33

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round 9, starting client 16/50, id: 19
round 9, starting client 17/50, id: 57
round 9, starting client 18/50, id: 32
round 9, starting client 19/50, id: 55
round 9, starting client 20/50, id: 43
round 9, starting client 21/50, id: 26
round 9, starting client 22/50, id: 15
round 9, starting client 23/50, id: 47
round 9, starting client 24/50, id: 20
round 9, starting client 25/50, id: 31
round 9, starting client 26/50, id: 16
round 9, starting client 27/50, id: 62
round 9, starting client 28/50, id: 25
round 9, starting client 29/50, id: 6
round 9, starting client 30/50, id: 78
round 9, starting client 31/50, id: 42
round 9, starting client 32/50, id: 80
round 9, starting client 33/50, id: 72
round 9, starting client 34/50, id: 51
round 9, starting client 35/50, id: 7
round 9, starting client 36/50, id: 86
round 9, starting client 37/50, id: 49
round 9, starting client 38/50, id: 54
round 9, starting client 39/50, id: 59
round 9, starting client 40/50, id: 79
round 9, starting client 41/50, id: 0
round 9, starting client 42/50, id: 40
round 9, starting client 43/50, id: 14
round 9, starting client 44/50, id: 75
round 9, starting client 45/50, id: 97
round 9, starting client 46/50, id: 66
round 9, starting client 47/50, id: 21
round 9, starting client 48/50, id: 10
round 9, starting client 49/50, id: 18
round 9, starting client 50/50, id: 1
round 9, validation acc: 0.8707
starting round 10
clients: [86 13 2 19 53 5 59 73 36 9 80 71 25 3 51 79 74 27 89 58 84 96 44
94
22 41 26 34 31 56 62 60 30 92 90 20 66 88 40 21 15 98 4 0 23 35 55 16
10 1]
round 10, starting client 1/50, id: 86
round 10, starting client 2/50, id: 13
round 10, starting client 3/50, id: 2
round 10, starting client 4/50, id: 19
round 10, starting client 5/50, id: 53
round 10, starting client 6/50, id: 5
round 10, starting client 7/50, id: 59

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round 10, starting client 8/50, id: 73
round 10, starting client 9/50, id: 36
round 10, starting client 10/50, id: 9
round 10, starting client 11/50, id: 80
round 10, starting client 12/50, id: 71
round 10, starting client 13/50, id: 25
round 10, starting client 14/50, id: 3
round 10, starting client 15/50, id: 51
round 10, starting client 16/50, id: 79
round 10, starting client 17/50, id: 74
round 10, starting client 18/50, id: 27
round 10, starting client 19/50, id: 89
round 10, starting client 20/50, id: 58
round 10, starting client 21/50, id: 84
round 10, starting client 22/50, id: 96
round 10, starting client 23/50, id: 44
round 10, starting client 24/50, id: 94
round 10, starting client 25/50, id: 22
round 10, starting client 26/50, id: 41
round 10, starting client 27/50, id: 26
round 10, starting client 28/50, id: 34
round 10, starting client 29/50, id: 31
round 10, starting client 30/50, id: 56
round 10, starting client 31/50, id: 62
round 10, starting client 32/50, id: 60
round 10, starting client 33/50, id: 30
round 10, starting client 34/50, id: 92
round 10, starting client 35/50, id: 90
round 10, starting client 36/50, id: 20
round 10, starting client 37/50, id: 66
round 10, starting client 38/50, id: 88
round 10, starting client 39/50, id: 40
round 10, starting client 40/50, id: 21
round 10, starting client 41/50, id: 15
round 10, starting client 42/50, id: 98
round 10, starting client 43/50, id: 4
round 10, starting client 44/50, id: 0
round 10, starting client 45/50, id: 23
round 10, starting client 46/50, id: 35
round 10, starting client 47/50, id: 55
round 10, starting client 48/50, id: 16
round 10, starting client 49/50, id: 10
round 10, starting client 50/50, id: 1
round 10, validation acc: 0.8681
starting round 11
clients: [45 3 18 41 23 59 30 91 33 99 68 55 60 32 61 34 85 58 14 20 69 12 35
2
95 10 7 84 90 56 24 31 26 64 40 86 9 43 62 17 21 36 8 5 70 54 97 66

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63 46]

round 11, starting client 1/50, id: 45
round 11, starting client 2/50, id: 3
round 11, starting client 3/50, id: 18
round 11, starting client 4/50, id: 41
round 11, starting client 5/50, id: 23
round 11, starting client 6/50, id: 59
round 11, starting client 7/50, id: 30
round 11, starting client 8/50, id: 91
round 11, starting client 9/50, id: 33
round 11, starting client 10/50, id: 99
round 11, starting client 11/50, id: 68
round 11, starting client 12/50, id: 55
round 11, starting client 13/50, id: 60
round 11, starting client 14/50, id: 32
round 11, starting client 15/50, id: 61
round 11, starting client 16/50, id: 34
round 11, starting client 17/50, id: 85
round 11, starting client 18/50, id: 58
round 11, starting client 19/50, id: 14
round 11, starting client 20/50, id: 20
round 11, starting client 21/50, id: 69
round 11, starting client 22/50, id: 12
round 11, starting client 23/50, id: 35
round 11, starting client 24/50, id: 2
round 11, starting client 25/50, id: 95
round 11, starting client 26/50, id: 10
round 11, starting client 27/50, id: 7
round 11, starting client 28/50, id: 84
round 11, starting client 29/50, id: 90
round 11, starting client 30/50, id: 56
round 11, starting client 31/50, id: 24
round 11, starting client 32/50, id: 31
round 11, starting client 33/50, id: 26
round 11, starting client 34/50, id: 64
round 11, starting client 35/50, id: 40
round 11, starting client 36/50, id: 86
round 11, starting client 37/50, id: 9
round 11, starting client 38/50, id: 43
round 11, starting client 39/50, id: 62
round 11, starting client 40/50, id: 17
round 11, starting client 41/50, id: 21
round 11, starting client 42/50, id: 36
round 11, starting client 43/50, id: 8
round 11, starting client 44/50, id: 5
round 11, starting client 45/50, id: 70
round 11, starting client 46/50, id: 54
round 11, starting client 47/50, id: 97

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round 11, starting client 48/50, id: 66
round 11, starting client 49/50, id: 63
round 11, starting client 50/50, id: 46
round 11, validation acc: 0.8812
starting round 12
clients: [70 34 4 98 57 97 91 9 89 39 17 85 73 12 61 77 37 38 19 51 78 53 83
56
35 6 16 13 54 23 82 24 27 74 29 32 67 41 66 1 10 93 8 18 14 33 63 76
79 96]
round 12, starting client 1/50, id: 70
round 12, starting client 2/50, id: 34
round 12, starting client 3/50, id: 4
round 12, starting client 4/50, id: 98
round 12, starting client 5/50, id: 57
round 12, starting client 6/50, id: 97
round 12, starting client 7/50, id: 91
round 12, starting client 8/50, id: 9
round 12, starting client 9/50, id: 89
round 12, starting client 10/50, id: 39
round 12, starting client 11/50, id: 17
round 12, starting client 12/50, id: 85
round 12, starting client 13/50, id: 73
round 12, starting client 14/50, id: 12
round 12, starting client 15/50, id: 61
round 12, starting client 16/50, id: 77
round 12, starting client 17/50, id: 37
round 12, starting client 18/50, id: 38
round 12, starting client 19/50, id: 19
round 12, starting client 20/50, id: 51
round 12, starting client 21/50, id: 78
round 12, starting client 22/50, id: 53
round 12, starting client 23/50, id: 83
round 12, starting client 24/50, id: 56
round 12, starting client 25/50, id: 35
round 12, starting client 26/50, id: 6
round 12, starting client 27/50, id: 16
round 12, starting client 28/50, id: 13
round 12, starting client 29/50, id: 54
round 12, starting client 30/50, id: 23
round 12, starting client 31/50, id: 82
round 12, starting client 32/50, id: 24
round 12, starting client 33/50, id: 27
round 12, starting client 34/50, id: 74
round 12, starting client 35/50, id: 29
round 12, starting client 36/50, id: 32
round 12, starting client 37/50, id: 67
round 12, starting client 38/50, id: 41
round 12, starting client 39/50, id: 66

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round 12, starting client 40/50, id: 1
round 12, starting client 41/50, id: 10
round 12, starting client 42/50, id: 93
round 12, starting client 43/50, id: 8
round 12, starting client 44/50, id: 18
round 12, starting client 45/50, id: 14
round 12, starting client 46/50, id: 33
round 12, starting client 47/50, id: 63
round 12, starting client 48/50, id: 76
round 12, starting client 49/50, id: 79
round 12, starting client 50/50, id: 96
round 12, validation acc: 0.884
starting round 13
clients: [29 32 93 16 40 81 85 7 63 67 98 61 27 36 39 72 69 96 37 83 73 88 75
62
77 42 6 28 26 33 82 97 90 12 47 0 57 2 43 14 4 84 15 59 71 10 80 13
94 34]
round 13, starting client 1/50, id: 29
round 13, starting client 2/50, id: 32
round 13, starting client 3/50, id: 93
round 13, starting client 4/50, id: 16
round 13, starting client 5/50, id: 40
round 13, starting client 6/50, id: 81
round 13, starting client 7/50, id: 85
round 13, starting client 8/50, id: 7
round 13, starting client 9/50, id: 63
round 13, starting client 10/50, id: 67
round 13, starting client 11/50, id: 98
round 13, starting client 12/50, id: 61
round 13, starting client 13/50, id: 27
round 13, starting client 14/50, id: 36
round 13, starting client 15/50, id: 39
round 13, starting client 16/50, id: 72
round 13, starting client 17/50, id: 69
round 13, starting client 18/50, id: 96
round 13, starting client 19/50, id: 37
round 13, starting client 20/50, id: 83
round 13, starting client 21/50, id: 73
round 13, starting client 22/50, id: 88
round 13, starting client 23/50, id: 75
round 13, starting client 24/50, id: 62
round 13, starting client 25/50, id: 77
round 13, starting client 26/50, id: 42
round 13, starting client 27/50, id: 6
round 13, starting client 28/50, id: 28
round 13, starting client 29/50, id: 26
round 13, starting client 30/50, id: 33
round 13, starting client 31/50, id: 82

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round 13, starting client 32/50, id: 97
round 13, starting client 33/50, id: 90
round 13, starting client 34/50, id: 12
round 13, starting client 35/50, id: 47
round 13, starting client 36/50, id: 0
round 13, starting client 37/50, id: 57
round 13, starting client 38/50, id: 2
round 13, starting client 39/50, id: 43
round 13, starting client 40/50, id: 14
round 13, starting client 41/50, id: 4
round 13, starting client 42/50, id: 84
round 13, starting client 43/50, id: 15
round 13, starting client 44/50, id: 59
round 13, starting client 45/50, id: 71
round 13, starting client 46/50, id: 10
round 13, starting client 47/50, id: 80
round 13, starting client 48/50, id: 13
round 13, starting client 49/50, id: 94
round 13, starting client 50/50, id: 34
round 13, validation acc: 0.8818
starting round 14
clients: [ 1 42 9 60 22 77 2 91 48 72 79 43 24 51 23 54 4 78 0 81 36 63 88
47
37 6 62 59 52 67 65 89 86 5 70 66 53 15 38 57 34 68 84 97 17 50 14 99
3 46]
round 14, starting client 1/50, id: 1
round 14, starting client 2/50, id: 42
round 14, starting client 3/50, id: 9
round 14, starting client 4/50, id: 60
round 14, starting client 5/50, id: 22
round 14, starting client 6/50, id: 77
round 14, starting client 7/50, id: 2
round 14, starting client 8/50, id: 91
round 14, starting client 9/50, id: 48
round 14, starting client 10/50, id: 72
round 14, starting client 11/50, id: 79
round 14, starting client 12/50, id: 43
round 14, starting client 13/50, id: 24
round 14, starting client 14/50, id: 51
round 14, starting client 15/50, id: 23
round 14, starting client 16/50, id: 54
round 14, starting client 17/50, id: 4
round 14, starting client 18/50, id: 78
round 14, starting client 19/50, id: 0
round 14, starting client 20/50, id: 81
round 14, starting client 21/50, id: 36
round 14, starting client 22/50, id: 63
round 14, starting client 23/50, id: 88

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round 14, starting client 24/50, id: 47
round 14, starting client 25/50, id: 37
round 14, starting client 26/50, id: 6
round 14, starting client 27/50, id: 62
round 14, starting client 28/50, id: 59
round 14, starting client 29/50, id: 52
round 14, starting client 30/50, id: 67
round 14, starting client 31/50, id: 65
round 14, starting client 32/50, id: 89
round 14, starting client 33/50, id: 86
round 14, starting client 34/50, id: 5
round 14, starting client 35/50, id: 70
round 14, starting client 36/50, id: 66
round 14, starting client 37/50, id: 53
round 14, starting client 38/50, id: 15
round 14, starting client 39/50, id: 38
round 14, starting client 40/50, id: 57
round 14, starting client 41/50, id: 34
round 14, starting client 42/50, id: 68
round 14, starting client 43/50, id: 84
round 14, starting client 44/50, id: 97
round 14, starting client 45/50, id: 17
round 14, starting client 46/50, id: 50
round 14, starting client 47/50, id: 14
round 14, starting client 48/50, id: 99
round 14, starting client 49/50, id: 3
round 14, starting client 50/50, id: 46
round 14, validation acc: 0.8845
starting round 15
clients: [82 14 43 93 55 64 33 86 65 89 61 34 66 99 3 58 6 17 72 7 98 70 84
18
40 92 8 48 95 11 78 24 87 36 77 4 79 91 49 80 74 53 19 28 81 20 27 73
76 5]
round 15, starting client 1/50, id: 82
round 15, starting client 2/50, id: 14
round 15, starting client 3/50, id: 43
round 15, starting client 4/50, id: 93
round 15, starting client 5/50, id: 55
round 15, starting client 6/50, id: 64
round 15, starting client 7/50, id: 33
round 15, starting client 8/50, id: 86
round 15, starting client 9/50, id: 65
round 15, starting client 10/50, id: 89
round 15, starting client 11/50, id: 61
round 15, starting client 12/50, id: 34
round 15, starting client 13/50, id: 66
round 15, starting client 14/50, id: 99
round 15, starting client 15/50, id: 3

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round 15, starting client 16/50, id: 58
round 15, starting client 17/50, id: 6
round 15, starting client 18/50, id: 17
round 15, starting client 19/50, id: 72
round 15, starting client 20/50, id: 7
round 15, starting client 21/50, id: 98
round 15, starting client 22/50, id: 70
round 15, starting client 23/50, id: 84
round 15, starting client 24/50, id: 18
round 15, starting client 25/50, id: 40
round 15, starting client 26/50, id: 92
round 15, starting client 27/50, id: 8
round 15, starting client 28/50, id: 48
round 15, starting client 29/50, id: 95
round 15, starting client 30/50, id: 11
round 15, starting client 31/50, id: 78
round 15, starting client 32/50, id: 24
round 15, starting client 33/50, id: 87
round 15, starting client 34/50, id: 36
round 15, starting client 35/50, id: 77
round 15, starting client 36/50, id: 4
round 15, starting client 37/50, id: 79
round 15, starting client 38/50, id: 91
round 15, starting client 39/50, id: 49
round 15, starting client 40/50, id: 80
round 15, starting client 41/50, id: 74
round 15, starting client 42/50, id: 53
round 15, starting client 43/50, id: 19
round 15, starting client 44/50, id: 28
round 15, starting client 45/50, id: 81
round 15, starting client 46/50, id: 20
round 15, starting client 47/50, id: 27
round 15, starting client 48/50, id: 73
round 15, starting client 49/50, id: 76
round 15, starting client 50/50, id: 5
round 15, validation acc: 0.892
starting round 16
clients: [66 25 53 22 12 31 99 67 56 7 94 88 44 55 35 77 34 18 3 61 69 19 98
17
1 89 51 84 97 14 76 13 43 30 27 9 83 93 32 73 33 81 37 40 0 57 8 92
41 46]
round 16, starting client 1/50, id: 66
round 16, starting client 2/50, id: 25
round 16, starting client 3/50, id: 53
round 16, starting client 4/50, id: 22
round 16, starting client 5/50, id: 12
round 16, starting client 6/50, id: 31
round 16, starting client 7/50, id: 99

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round 16, starting client 8/50, id: 67
round 16, starting client 9/50, id: 56
round 16, starting client 10/50, id: 7
round 16, starting client 11/50, id: 94
round 16, starting client 12/50, id: 88
round 16, starting client 13/50, id: 44
round 16, starting client 14/50, id: 55
round 16, starting client 15/50, id: 35
round 16, starting client 16/50, id: 77
round 16, starting client 17/50, id: 34
round 16, starting client 18/50, id: 18
round 16, starting client 19/50, id: 3
round 16, starting client 20/50, id: 61
round 16, starting client 21/50, id: 69
round 16, starting client 22/50, id: 19
round 16, starting client 23/50, id: 98
round 16, starting client 24/50, id: 17
round 16, starting client 25/50, id: 1
round 16, starting client 26/50, id: 89
round 16, starting client 27/50, id: 51
round 16, starting client 28/50, id: 84
round 16, starting client 29/50, id: 97
round 16, starting client 30/50, id: 14
round 16, starting client 31/50, id: 76
round 16, starting client 32/50, id: 13
round 16, starting client 33/50, id: 43
round 16, starting client 34/50, id: 30
round 16, starting client 35/50, id: 27
round 16, starting client 36/50, id: 9
round 16, starting client 37/50, id: 83
round 16, starting client 38/50, id: 93
round 16, starting client 39/50, id: 32
round 16, starting client 40/50, id: 73
round 16, starting client 41/50, id: 33
round 16, starting client 42/50, id: 81
round 16, starting client 43/50, id: 37
round 16, starting client 44/50, id: 40
round 16, starting client 45/50, id: 0
round 16, starting client 46/50, id: 57
round 16, starting client 47/50, id: 8
round 16, starting client 48/50, id: 92
round 16, starting client 49/50, id: 41
round 16, starting client 50/50, id: 46
round 16, validation acc: 0.8941
starting round 17
clients: [88 6 56 24 98 33 9 4 54 35 85 50 60 13 69 44 73 81 66 26 36 41 30
48
8 31 71 94 55 89 20 45 57 15 76 29 32 10 68 27 65 37 70 3 7 38 46 80

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17 16]

round 17, starting client 1/50, id: 88
round 17, starting client 2/50, id: 6
round 17, starting client 3/50, id: 56
round 17, starting client 4/50, id: 24
round 17, starting client 5/50, id: 98
round 17, starting client 6/50, id: 33
round 17, starting client 7/50, id: 9
round 17, starting client 8/50, id: 4
round 17, starting client 9/50, id: 54
round 17, starting client 10/50, id: 35
round 17, starting client 11/50, id: 85
round 17, starting client 12/50, id: 50
round 17, starting client 13/50, id: 60
round 17, starting client 14/50, id: 13
round 17, starting client 15/50, id: 69
round 17, starting client 16/50, id: 44
round 17, starting client 17/50, id: 73
round 17, starting client 18/50, id: 81
round 17, starting client 19/50, id: 66
round 17, starting client 20/50, id: 26
round 17, starting client 21/50, id: 36
round 17, starting client 22/50, id: 41
round 17, starting client 23/50, id: 30
round 17, starting client 24/50, id: 48
round 17, starting client 25/50, id: 8
round 17, starting client 26/50, id: 31
round 17, starting client 27/50, id: 71
round 17, starting client 28/50, id: 94
round 17, starting client 29/50, id: 55
round 17, starting client 30/50, id: 89
round 17, starting client 31/50, id: 20
round 17, starting client 32/50, id: 45
round 17, starting client 33/50, id: 57
round 17, starting client 34/50, id: 15
round 17, starting client 35/50, id: 76
round 17, starting client 36/50, id: 29
round 17, starting client 37/50, id: 32
round 17, starting client 38/50, id: 10
round 17, starting client 39/50, id: 68
round 17, starting client 40/50, id: 27
round 17, starting client 41/50, id: 65
round 17, starting client 42/50, id: 37
round 17, starting client 43/50, id: 70
round 17, starting client 44/50, id: 3
round 17, starting client 45/50, id: 7
round 17, starting client 46/50, id: 38
round 17, starting client 47/50, id: 46

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round 17, starting client 48/50, id: 80
round 17, starting client 49/50, id: 17
round 17, starting client 50/50, id: 16
round 17, validation acc: 0.9004
starting round 18
clients:  [ 6 52 49 95 62  4 14 23 97 50 40 81 46 21 77 92 72 36  8 86 15  5 16
28
 53 42  7 37 98 18 25 20 94 88  3 85 12 29 30 13 22 79 45 84 27 57 91 60
75 61]
round 18, starting client 1/50, id: 6
round 18, starting client 2/50, id: 52
round 18, starting client 3/50, id: 49
round 18, starting client 4/50, id: 95
round 18, starting client 5/50, id: 62
round 18, starting client 6/50, id: 4
round 18, starting client 7/50, id: 14
round 18, starting client 8/50, id: 23
round 18, starting client 9/50, id: 97
round 18, starting client 10/50, id: 50
round 18, starting client 11/50, id: 40
round 18, starting client 12/50, id: 81
round 18, starting client 13/50, id: 46
round 18, starting client 14/50, id: 21
round 18, starting client 15/50, id: 77
round 18, starting client 16/50, id: 92
round 18, starting client 17/50, id: 72
round 18, starting client 18/50, id: 36
round 18, starting client 19/50, id: 8
round 18, starting client 20/50, id: 86
round 18, starting client 21/50, id: 15
round 18, starting client 22/50, id: 5
round 18, starting client 23/50, id: 16
round 18, starting client 24/50, id: 28
round 18, starting client 25/50, id: 53
round 18, starting client 26/50, id: 42
round 18, starting client 27/50, id: 7
round 18, starting client 28/50, id: 37
round 18, starting client 29/50, id: 98
round 18, starting client 30/50, id: 18
round 18, starting client 31/50, id: 25
round 18, starting client 32/50, id: 20
round 18, starting client 33/50, id: 94
round 18, starting client 34/50, id: 88
round 18, starting client 35/50, id: 3
round 18, starting client 36/50, id: 85
round 18, starting client 37/50, id: 12
round 18, starting client 38/50, id: 29
round 18, starting client 39/50, id: 30

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round 18, starting client 40/50, id: 13
round 18, starting client 41/50, id: 22
round 18, starting client 42/50, id: 79
round 18, starting client 43/50, id: 45
round 18, starting client 44/50, id: 84
round 18, starting client 45/50, id: 27
round 18, starting client 46/50, id: 57
round 18, starting client 47/50, id: 91
round 18, starting client 48/50, id: 60
round 18, starting client 49/50, id: 75
round 18, starting client 50/50, id: 61
round 18, validation acc: 0.9019
starting round 19
clients: [59 37 44 14 52 85 77 1 2 27 71 31 82 58 76 6 60 30 45 13 17 18 15
35
70 34 93 68 90 83 73 46 23 92 3 8 86 75 49 51 47 20 81 4 38 97 29 66
11 99]
round 19, starting client 1/50, id: 59
round 19, starting client 2/50, id: 37
round 19, starting client 3/50, id: 44
round 19, starting client 4/50, id: 14
round 19, starting client 5/50, id: 52
round 19, starting client 6/50, id: 85
round 19, starting client 7/50, id: 77
round 19, starting client 8/50, id: 1
round 19, starting client 9/50, id: 2
round 19, starting client 10/50, id: 27
round 19, starting client 11/50, id: 71
round 19, starting client 12/50, id: 31
round 19, starting client 13/50, id: 82
round 19, starting client 14/50, id: 58
round 19, starting client 15/50, id: 76
round 19, starting client 16/50, id: 6
round 19, starting client 17/50, id: 60
round 19, starting client 18/50, id: 30
round 19, starting client 19/50, id: 45
round 19, starting client 20/50, id: 13
round 19, starting client 21/50, id: 17
round 19, starting client 22/50, id: 18
round 19, starting client 23/50, id: 15
round 19, starting client 24/50, id: 35
round 19, starting client 25/50, id: 70
round 19, starting client 26/50, id: 34
round 19, starting client 27/50, id: 93
round 19, starting client 28/50, id: 68
round 19, starting client 29/50, id: 90
round 19, starting client 30/50, id: 83
round 19, starting client 31/50, id: 73

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round 19, starting client 32/50, id: 46
round 19, starting client 33/50, id: 23
round 19, starting client 34/50, id: 92
round 19, starting client 35/50, id: 3
round 19, starting client 36/50, id: 8
round 19, starting client 37/50, id: 86
round 19, starting client 38/50, id: 75
round 19, starting client 39/50, id: 49
round 19, starting client 40/50, id: 51
round 19, starting client 41/50, id: 47
round 19, starting client 42/50, id: 20
round 19, starting client 43/50, id: 81
round 19, starting client 44/50, id: 4
round 19, starting client 45/50, id: 38
round 19, starting client 46/50, id: 97
round 19, starting client 47/50, id: 29
round 19, starting client 48/50, id: 66
round 19, starting client 49/50, id: 11
round 19, starting client 50/50, id: 99
round 19, validation acc: 0.8987
starting round 20
clients: [65 5 94 97 43 75 31 42 8 84 80 23 51 40 50 95 4 36 41 99 46 2 67
13
64 91 10 68 33 89 76 21 61 45 85 3 78 32 12 16 92 29 90 39 60 59 62 9
81 66]
round 20, starting client 1/50, id: 65
round 20, starting client 2/50, id: 5
round 20, starting client 3/50, id: 94
round 20, starting client 4/50, id: 97
round 20, starting client 5/50, id: 43
round 20, starting client 6/50, id: 75
round 20, starting client 7/50, id: 31
round 20, starting client 8/50, id: 42
round 20, starting client 9/50, id: 8
round 20, starting client 10/50, id: 84
round 20, starting client 11/50, id: 80
round 20, starting client 12/50, id: 23
round 20, starting client 13/50, id: 51
round 20, starting client 14/50, id: 40
round 20, starting client 15/50, id: 50
round 20, starting client 16/50, id: 95
round 20, starting client 17/50, id: 4
round 20, starting client 18/50, id: 36
round 20, starting client 19/50, id: 41
round 20, starting client 20/50, id: 99
round 20, starting client 21/50, id: 46
round 20, starting client 22/50, id: 2
round 20, starting client 23/50, id: 67

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round 20, starting client 24/50, id: 13
round 20, starting client 25/50, id: 64
round 20, starting client 26/50, id: 91
round 20, starting client 27/50, id: 10
round 20, starting client 28/50, id: 68
round 20, starting client 29/50, id: 33
round 20, starting client 30/50, id: 89
round 20, starting client 31/50, id: 76
round 20, starting client 32/50, id: 21
round 20, starting client 33/50, id: 61
round 20, starting client 34/50, id: 45
round 20, starting client 35/50, id: 85
round 20, starting client 36/50, id: 3
round 20, starting client 37/50, id: 78
round 20, starting client 38/50, id: 32
round 20, starting client 39/50, id: 12
round 20, starting client 40/50, id: 16
round 20, starting client 41/50, id: 92
round 20, starting client 42/50, id: 29
round 20, starting client 43/50, id: 90
round 20, starting client 44/50, id: 39
round 20, starting client 45/50, id: 60
round 20, starting client 46/50, id: 59
round 20, starting client 47/50, id: 62
round 20, starting client 48/50, id: 9
round 20, starting client 49/50, id: 81
round 20, starting client 50/50, id: 66
round 20, validation acc: 0.9053
starting round 21
clients: [32 55 91 81 98 1 77 69 13 37 12 60 7 95 25 28 39 50 96 40 36 57 70
16
93 58 51 74 56 64 88 99 87 3 22 76 19 43 41 29 23 10 4 8 84 24 17 15
85 83]
round 21, starting client 1/50, id: 32
round 21, starting client 2/50, id: 55
round 21, starting client 3/50, id: 91
round 21, starting client 4/50, id: 81
round 21, starting client 5/50, id: 98
round 21, starting client 6/50, id: 1
round 21, starting client 7/50, id: 77
round 21, starting client 8/50, id: 69
round 21, starting client 9/50, id: 13
round 21, starting client 10/50, id: 37
round 21, starting client 11/50, id: 12
round 21, starting client 12/50, id: 60
round 21, starting client 13/50, id: 7
round 21, starting client 14/50, id: 95
round 21, starting client 15/50, id: 25

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round 21, starting client 16/50, id: 28
round 21, starting client 17/50, id: 39
round 21, starting client 18/50, id: 50
round 21, starting client 19/50, id: 96
round 21, starting client 20/50, id: 40
round 21, starting client 21/50, id: 36
round 21, starting client 22/50, id: 57
round 21, starting client 23/50, id: 70
round 21, starting client 24/50, id: 16
round 21, starting client 25/50, id: 93
round 21, starting client 26/50, id: 58
round 21, starting client 27/50, id: 51
round 21, starting client 28/50, id: 74
round 21, starting client 29/50, id: 56
round 21, starting client 30/50, id: 64
round 21, starting client 31/50, id: 88
round 21, starting client 32/50, id: 99
round 21, starting client 33/50, id: 87
round 21, starting client 34/50, id: 3
round 21, starting client 35/50, id: 22
round 21, starting client 36/50, id: 76
round 21, starting client 37/50, id: 19
round 21, starting client 38/50, id: 43
round 21, starting client 39/50, id: 41
round 21, starting client 40/50, id: 29
round 21, starting client 41/50, id: 23
round 21, starting client 42/50, id: 10
round 21, starting client 43/50, id: 4
round 21, starting client 44/50, id: 8
round 21, starting client 45/50, id: 84
round 21, starting client 46/50, id: 24
round 21, starting client 47/50, id: 17
round 21, starting client 48/50, id: 15
round 21, starting client 49/50, id: 85
round 21, starting client 50/50, id: 83
round 21, validation acc: 0.8999
starting round 22
clients: [25 3 76 19 50 27 51 59 62 55 31 67 7 1 14 64 88 79 41 20 66 61 45
90
15 81 18 36 99 83 89 22 0 53 12 69 77 93 54 49 5 71 73 80 91 10 68 96
9 44]
round 22, starting client 1/50, id: 25
round 22, starting client 2/50, id: 3
round 22, starting client 3/50, id: 76
round 22, starting client 4/50, id: 19
round 22, starting client 5/50, id: 50
round 22, starting client 6/50, id: 27
round 22, starting client 7/50, id: 51

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round 22, starting client 8/50, id: 59
round 22, starting client 9/50, id: 62
round 22, starting client 10/50, id: 55
round 22, starting client 11/50, id: 31
round 22, starting client 12/50, id: 67
round 22, starting client 13/50, id: 7
round 22, starting client 14/50, id: 1
round 22, starting client 15/50, id: 14
round 22, starting client 16/50, id: 64
round 22, starting client 17/50, id: 88
round 22, starting client 18/50, id: 79
round 22, starting client 19/50, id: 41
round 22, starting client 20/50, id: 20
round 22, starting client 21/50, id: 66
round 22, starting client 22/50, id: 61
round 22, starting client 23/50, id: 45
round 22, starting client 24/50, id: 90
round 22, starting client 25/50, id: 15
round 22, starting client 26/50, id: 81
round 22, starting client 27/50, id: 18
round 22, starting client 28/50, id: 36
round 22, starting client 29/50, id: 99
round 22, starting client 30/50, id: 83
round 22, starting client 31/50, id: 89
round 22, starting client 32/50, id: 22
round 22, starting client 33/50, id: 0
round 22, starting client 34/50, id: 53
round 22, starting client 35/50, id: 12
round 22, starting client 36/50, id: 69
round 22, starting client 37/50, id: 77
round 22, starting client 38/50, id: 93
round 22, starting client 39/50, id: 54
round 22, starting client 40/50, id: 49
round 22, starting client 41/50, id: 5
round 22, starting client 42/50, id: 71
round 22, starting client 43/50, id: 73
round 22, starting client 44/50, id: 80
round 22, starting client 45/50, id: 91
round 22, starting client 46/50, id: 10
round 22, starting client 47/50, id: 68
round 22, starting client 48/50, id: 96
round 22, starting client 49/50, id: 9
round 22, starting client 50/50, id: 44
round 22, validation acc: 0.9096
starting round 23
clients: [64 95 37 69 41 55 92 0 78 9 97 27 84 22 81 20 40 7 54 49 70 44 52
94
68 48 76 4 51 87 74 10 19 11 63 42 80 13 67 58 12 62 5 34 39 28 73 18

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33 31]

round 23, starting client 1/50, id: 64
round 23, starting client 2/50, id: 95
round 23, starting client 3/50, id: 37
round 23, starting client 4/50, id: 69
round 23, starting client 5/50, id: 41
round 23, starting client 6/50, id: 55
round 23, starting client 7/50, id: 92
round 23, starting client 8/50, id: 0
round 23, starting client 9/50, id: 78
round 23, starting client 10/50, id: 9
round 23, starting client 11/50, id: 97
round 23, starting client 12/50, id: 27
round 23, starting client 13/50, id: 84
round 23, starting client 14/50, id: 22
round 23, starting client 15/50, id: 81
round 23, starting client 16/50, id: 20
round 23, starting client 17/50, id: 40
round 23, starting client 18/50, id: 7
round 23, starting client 19/50, id: 54
round 23, starting client 20/50, id: 49
round 23, starting client 21/50, id: 70
round 23, starting client 22/50, id: 44
round 23, starting client 23/50, id: 52
round 23, starting client 24/50, id: 94
round 23, starting client 25/50, id: 68
round 23, starting client 26/50, id: 48
round 23, starting client 27/50, id: 76
round 23, starting client 28/50, id: 4
round 23, starting client 29/50, id: 51
round 23, starting client 30/50, id: 87
round 23, starting client 31/50, id: 74
round 23, starting client 32/50, id: 10
round 23, starting client 33/50, id: 19
round 23, starting client 34/50, id: 11
round 23, starting client 35/50, id: 63
round 23, starting client 36/50, id: 42
round 23, starting client 37/50, id: 80
round 23, starting client 38/50, id: 13
round 23, starting client 39/50, id: 67
round 23, starting client 40/50, id: 58
round 23, starting client 41/50, id: 12
round 23, starting client 42/50, id: 62
round 23, starting client 43/50, id: 5
round 23, starting client 44/50, id: 34
round 23, starting client 45/50, id: 39
round 23, starting client 46/50, id: 28
round 23, starting client 47/50, id: 73

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round 23, starting client 48/50, id: 18
round 23, starting client 49/50, id: 33
round 23, starting client 50/50, id: 31
round 23, validation acc: 0.91
starting round 24
clients: [40  3 48 98 36 90  2 50 39 38 55 99 49 93 37 97 70 41 72 91 69 65 92
44
 28 95 56 16 89 27 17  0 79 33 60 53 59 43 66 64 18 51 88 20 42  8 80 10
13 45]
round 24, starting client 1/50, id: 40
round 24, starting client 2/50, id: 3
round 24, starting client 3/50, id: 48
round 24, starting client 4/50, id: 98
round 24, starting client 5/50, id: 36
round 24, starting client 6/50, id: 90
round 24, starting client 7/50, id: 2
round 24, starting client 8/50, id: 50
round 24, starting client 9/50, id: 39
round 24, starting client 10/50, id: 38
round 24, starting client 11/50, id: 55
round 24, starting client 12/50, id: 99
round 24, starting client 13/50, id: 49
round 24, starting client 14/50, id: 93
round 24, starting client 15/50, id: 37
round 24, starting client 16/50, id: 97
round 24, starting client 17/50, id: 70
round 24, starting client 18/50, id: 41
round 24, starting client 19/50, id: 72
round 24, starting client 20/50, id: 91
round 24, starting client 21/50, id: 69
round 24, starting client 22/50, id: 65
round 24, starting client 23/50, id: 92
round 24, starting client 24/50, id: 44
round 24, starting client 25/50, id: 28
round 24, starting client 26/50, id: 95
round 24, starting client 27/50, id: 56
round 24, starting client 28/50, id: 16
round 24, starting client 29/50, id: 89
round 24, starting client 30/50, id: 27
round 24, starting client 31/50, id: 17
round 24, starting client 32/50, id: 0
round 24, starting client 33/50, id: 79
round 24, starting client 34/50, id: 33
round 24, starting client 35/50, id: 60
round 24, starting client 36/50, id: 53
round 24, starting client 37/50, id: 59
round 24, starting client 38/50, id: 43
round 24, starting client 39/50, id: 66

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round 24, starting client 40/50, id: 64
round 24, starting client 41/50, id: 18
round 24, starting client 42/50, id: 51
round 24, starting client 43/50, id: 88
round 24, starting client 44/50, id: 20
round 24, starting client 45/50, id: 42
round 24, starting client 46/50, id: 8
round 24, starting client 47/50, id: 80
round 24, starting client 48/50, id: 10
round 24, starting client 49/50, id: 13
round 24, starting client 50/50, id: 45
round 24, validation acc: 0.9118
starting round 25
clients: [93 55 19 52 24  3 39 48 58 56 25 32 53 83 47 18 74 94 26 17 50 31 71
69
 73 57 27 90 84 22 46 41 76 79 65 23 99 14 85 96 95 51  7 91  2 92 13 66
28 62]
round 25, starting client 1/50, id: 93
round 25, starting client 2/50, id: 55
round 25, starting client 3/50, id: 19
round 25, starting client 4/50, id: 52
round 25, starting client 5/50, id: 24
round 25, starting client 6/50, id: 3
round 25, starting client 7/50, id: 39
round 25, starting client 8/50, id: 48
round 25, starting client 9/50, id: 58
round 25, starting client 10/50, id: 56
round 25, starting client 11/50, id: 25
round 25, starting client 12/50, id: 32
round 25, starting client 13/50, id: 53
round 25, starting client 14/50, id: 83
round 25, starting client 15/50, id: 47
round 25, starting client 16/50, id: 18
round 25, starting client 17/50, id: 74
round 25, starting client 18/50, id: 94
round 25, starting client 19/50, id: 26
round 25, starting client 20/50, id: 17
round 25, starting client 21/50, id: 50
round 25, starting client 22/50, id: 31
round 25, starting client 23/50, id: 71
round 25, starting client 24/50, id: 69
round 25, starting client 25/50, id: 73
round 25, starting client 26/50, id: 57
round 25, starting client 27/50, id: 27
round 25, starting client 28/50, id: 90
round 25, starting client 29/50, id: 84
round 25, starting client 30/50, id: 22
round 25, starting client 31/50, id: 46

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round 25, starting client 32/50, id: 41
round 25, starting client 33/50, id: 76
round 25, starting client 34/50, id: 79
round 25, starting client 35/50, id: 65
round 25, starting client 36/50, id: 23
round 25, starting client 37/50, id: 99
round 25, starting client 38/50, id: 14
round 25, starting client 39/50, id: 85
round 25, starting client 40/50, id: 96
round 25, starting client 41/50, id: 95
round 25, starting client 42/50, id: 51
round 25, starting client 43/50, id: 7
round 25, starting client 44/50, id: 91
round 25, starting client 45/50, id: 2
round 25, starting client 46/50, id: 92
round 25, starting client 47/50, id: 13
round 25, starting client 48/50, id: 66
round 25, starting client 49/50, id: 28
round 25, starting client 50/50, id: 62
round 25, validation acc: 0.9106
starting round 26
clients: [75 39 28 97 37 60 36 62 6 48 63 79 32 93 33 57 82 2 58 53 40 95 66
23
14 15 24 31 4 86 19 45 1 29 76 88 56 17 43 26 44 65 84 5 90 69 71 16
78 85]
round 26, starting client 1/50, id: 75
round 26, starting client 2/50, id: 39
round 26, starting client 3/50, id: 28
round 26, starting client 4/50, id: 97
round 26, starting client 5/50, id: 37
round 26, starting client 6/50, id: 60
round 26, starting client 7/50, id: 36
round 26, starting client 8/50, id: 62
round 26, starting client 9/50, id: 6
round 26, starting client 10/50, id: 48
round 26, starting client 11/50, id: 63
round 26, starting client 12/50, id: 79
round 26, starting client 13/50, id: 32
round 26, starting client 14/50, id: 93
round 26, starting client 15/50, id: 33
round 26, starting client 16/50, id: 57
round 26, starting client 17/50, id: 82
round 26, starting client 18/50, id: 2
round 26, starting client 19/50, id: 58
round 26, starting client 20/50, id: 53
round 26, starting client 21/50, id: 40
round 26, starting client 22/50, id: 95
round 26, starting client 23/50, id: 66

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round 26, starting client 24/50, id: 23
round 26, starting client 25/50, id: 14
round 26, starting client 26/50, id: 15
round 26, starting client 27/50, id: 24
round 26, starting client 28/50, id: 31
round 26, starting client 29/50, id: 4
round 26, starting client 30/50, id: 86
round 26, starting client 31/50, id: 19
round 26, starting client 32/50, id: 45
round 26, starting client 33/50, id: 1
round 26, starting client 34/50, id: 29
round 26, starting client 35/50, id: 76
round 26, starting client 36/50, id: 88
round 26, starting client 37/50, id: 56
round 26, starting client 38/50, id: 17
round 26, starting client 39/50, id: 43
round 26, starting client 40/50, id: 26
round 26, starting client 41/50, id: 44
round 26, starting client 42/50, id: 65
round 26, starting client 43/50, id: 84
round 26, starting client 44/50, id: 5
round 26, starting client 45/50, id: 90
round 26, starting client 46/50, id: 69
round 26, starting client 47/50, id: 71
round 26, starting client 48/50, id: 16
round 26, starting client 49/50, id: 78
round 26, starting client 50/50, id: 85
round 26, validation acc: 0.9141
starting round 27
clients: [11 44 8 48 64 36 46 56 74 37 35 6 41 43 54 47 89 93 38 14 19 91 70
10
87 65 80 45 4 75 67 66 52 96 29 12 61 83 85 84 18 62 90 77 71 86 23 21
57 1]
round 27, starting client 1/50, id: 11
round 27, starting client 2/50, id: 44
round 27, starting client 3/50, id: 8
round 27, starting client 4/50, id: 48
round 27, starting client 5/50, id: 64
round 27, starting client 6/50, id: 36
round 27, starting client 7/50, id: 46
round 27, starting client 8/50, id: 56
round 27, starting client 9/50, id: 74
round 27, starting client 10/50, id: 37
round 27, starting client 11/50, id: 35
round 27, starting client 12/50, id: 6
round 27, starting client 13/50, id: 41
round 27, starting client 14/50, id: 43
round 27, starting client 15/50, id: 54

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round 27, starting client 16/50, id: 47
round 27, starting client 17/50, id: 89
round 27, starting client 18/50, id: 93
round 27, starting client 19/50, id: 38
round 27, starting client 20/50, id: 14
round 27, starting client 21/50, id: 19
round 27, starting client 22/50, id: 91
round 27, starting client 23/50, id: 70
round 27, starting client 24/50, id: 10
round 27, starting client 25/50, id: 87
round 27, starting client 26/50, id: 65
round 27, starting client 27/50, id: 80
round 27, starting client 28/50, id: 45
round 27, starting client 29/50, id: 4
round 27, starting client 30/50, id: 75
round 27, starting client 31/50, id: 67
round 27, starting client 32/50, id: 66
round 27, starting client 33/50, id: 52
round 27, starting client 34/50, id: 96
round 27, starting client 35/50, id: 29
round 27, starting client 36/50, id: 12
round 27, starting client 37/50, id: 61
round 27, starting client 38/50, id: 83
round 27, starting client 39/50, id: 85
round 27, starting client 40/50, id: 84
round 27, starting client 41/50, id: 18
round 27, starting client 42/50, id: 62
round 27, starting client 43/50, id: 90
round 27, starting client 44/50, id: 77
round 27, starting client 45/50, id: 71
round 27, starting client 46/50, id: 86
round 27, starting client 47/50, id: 23
round 27, starting client 48/50, id: 21
round 27, starting client 49/50, id: 57
round 27, starting client 50/50, id: 1
round 27, validation acc: 0.9101
starting round 28
clients: [98 0 81 32 85 68 37 88 63 97 15 26 87 71 46 95 19 24 2 21 84 92 70
77
11 65 23 59 80 74 83 75 51 41 33 9 45 62 3 69 12 60 53 20 94 57 82 48
55 36]
round 28, starting client 1/50, id: 98
round 28, starting client 2/50, id: 0
round 28, starting client 3/50, id: 81
round 28, starting client 4/50, id: 32
round 28, starting client 5/50, id: 85
round 28, starting client 6/50, id: 68
round 28, starting client 7/50, id: 37

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round 28, starting client 8/50, id: 88
round 28, starting client 9/50, id: 63
round 28, starting client 10/50, id: 97
round 28, starting client 11/50, id: 15
round 28, starting client 12/50, id: 26
round 28, starting client 13/50, id: 87
round 28, starting client 14/50, id: 71
round 28, starting client 15/50, id: 46
round 28, starting client 16/50, id: 95
round 28, starting client 17/50, id: 19
round 28, starting client 18/50, id: 24
round 28, starting client 19/50, id: 2
round 28, starting client 20/50, id: 21
round 28, starting client 21/50, id: 84
round 28, starting client 22/50, id: 92
round 28, starting client 23/50, id: 70
round 28, starting client 24/50, id: 77
round 28, starting client 25/50, id: 11
round 28, starting client 26/50, id: 65
round 28, starting client 27/50, id: 23
round 28, starting client 28/50, id: 59
round 28, starting client 29/50, id: 80
round 28, starting client 30/50, id: 74
round 28, starting client 31/50, id: 83
round 28, starting client 32/50, id: 75
round 28, starting client 33/50, id: 51
round 28, starting client 34/50, id: 41
round 28, starting client 35/50, id: 33
round 28, starting client 36/50, id: 9
round 28, starting client 37/50, id: 45
round 28, starting client 38/50, id: 62
round 28, starting client 39/50, id: 3
round 28, starting client 40/50, id: 69
round 28, starting client 41/50, id: 12
round 28, starting client 42/50, id: 60
round 28, starting client 43/50, id: 53
round 28, starting client 44/50, id: 20
round 28, starting client 45/50, id: 94
round 28, starting client 46/50, id: 57
round 28, starting client 47/50, id: 82
round 28, starting client 48/50, id: 48
round 28, starting client 49/50, id: 55
round 28, starting client 50/50, id: 36
round 28, validation acc: 0.9189
starting round 29
clients: [16 29 53 76 49 56 33 91 19 4 25 5 20 43 59 51 13 71 69 50 38 80 44
93
31 84 32 41 35 61 89 54 39 70 92 14 73 78 3 82 48 46 72 98 0 95 85 60

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28 97]

round 29, starting client 1/50, id: 16
round 29, starting client 2/50, id: 29
round 29, starting client 3/50, id: 53
round 29, starting client 4/50, id: 76
round 29, starting client 5/50, id: 49
round 29, starting client 6/50, id: 56
round 29, starting client 7/50, id: 33
round 29, starting client 8/50, id: 91
round 29, starting client 9/50, id: 19
round 29, starting client 10/50, id: 4
round 29, starting client 11/50, id: 25
round 29, starting client 12/50, id: 5
round 29, starting client 13/50, id: 20
round 29, starting client 14/50, id: 43
round 29, starting client 15/50, id: 59
round 29, starting client 16/50, id: 51
round 29, starting client 17/50, id: 13
round 29, starting client 18/50, id: 71
round 29, starting client 19/50, id: 69
round 29, starting client 20/50, id: 50
round 29, starting client 21/50, id: 38
round 29, starting client 22/50, id: 80
round 29, starting client 23/50, id: 44
round 29, starting client 24/50, id: 93
round 29, starting client 25/50, id: 31
round 29, starting client 26/50, id: 84
round 29, starting client 27/50, id: 32
round 29, starting client 28/50, id: 41
round 29, starting client 29/50, id: 35
round 29, starting client 30/50, id: 61
round 29, starting client 31/50, id: 89
round 29, starting client 32/50, id: 54
round 29, starting client 33/50, id: 39
round 29, starting client 34/50, id: 70
round 29, starting client 35/50, id: 92
round 29, starting client 36/50, id: 14
round 29, starting client 37/50, id: 73
round 29, starting client 38/50, id: 78
round 29, starting client 39/50, id: 3
round 29, starting client 40/50, id: 82
round 29, starting client 41/50, id: 48
round 29, starting client 42/50, id: 46
round 29, starting client 43/50, id: 72
round 29, starting client 44/50, id: 98
round 29, starting client 45/50, id: 0
round 29, starting client 46/50, id: 95
round 29, starting client 47/50, id: 85

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round 29, starting client 48/50, id: 60
round 29, starting client 49/50, id: 28
round 29, starting client 50/50, id: 97
round 29, validation acc: 0.9151
starting round 30
clients: [63 50 92 88 76 70 47 82 48 20 19 11 14 23 83 32 68 87 33 56 55 21 75
52
54 91 51 5 38 44 64 45 60 59 77 3 86 84 4 15 13 18 58 1 28 62 78 67
37 31]
round 30, starting client 1/50, id: 63
round 30, starting client 2/50, id: 50
round 30, starting client 3/50, id: 92
round 30, starting client 4/50, id: 88
round 30, starting client 5/50, id: 76
round 30, starting client 6/50, id: 70
round 30, starting client 7/50, id: 47
round 30, starting client 8/50, id: 82
round 30, starting client 9/50, id: 48
round 30, starting client 10/50, id: 20
round 30, starting client 11/50, id: 19
round 30, starting client 12/50, id: 11
round 30, starting client 13/50, id: 14
round 30, starting client 14/50, id: 23
round 30, starting client 15/50, id: 83
round 30, starting client 16/50, id: 32
round 30, starting client 17/50, id: 68
round 30, starting client 18/50, id: 87
round 30, starting client 19/50, id: 33
round 30, starting client 20/50, id: 56
round 30, starting client 21/50, id: 55
round 30, starting client 22/50, id: 21
round 30, starting client 23/50, id: 75
round 30, starting client 24/50, id: 52
round 30, starting client 25/50, id: 54
round 30, starting client 26/50, id: 91
round 30, starting client 27/50, id: 51
round 30, starting client 28/50, id: 5
round 30, starting client 29/50, id: 38
round 30, starting client 30/50, id: 44
round 30, starting client 31/50, id: 64
round 30, starting client 32/50, id: 45
round 30, starting client 33/50, id: 60
round 30, starting client 34/50, id: 59
round 30, starting client 35/50, id: 77
round 30, starting client 36/50, id: 3
round 30, starting client 37/50, id: 86
round 30, starting client 38/50, id: 84
round 30, starting client 39/50, id: 4

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round 30, starting client 40/50, id: 15
round 30, starting client 41/50, id: 13
round 30, starting client 42/50, id: 18
round 30, starting client 43/50, id: 58
round 30, starting client 44/50, id: 1
round 30, starting client 45/50, id: 28
round 30, starting client 46/50, id: 62
round 30, starting client 47/50, id: 78
round 30, starting client 48/50, id: 67
round 30, starting client 49/50, id: 37
round 30, starting client 50/50, id: 31
round 30, validation acc: 0.9173
starting round 31
clients: [42 14 34 28 48 77 54 4 31 60 3 0 96 44 10 82 45 27 56 41 62 97 9
8
24 32 61 6 88 66 95 1 43 81 40 94 39 23 5 68 38 11 70 49 91 52 86 83
7 67]
round 31, starting client 1/50, id: 42
round 31, starting client 2/50, id: 14
round 31, starting client 3/50, id: 34
round 31, starting client 4/50, id: 28
round 31, starting client 5/50, id: 48
round 31, starting client 6/50, id: 77
round 31, starting client 7/50, id: 54
round 31, starting client 8/50, id: 4
round 31, starting client 9/50, id: 31
round 31, starting client 10/50, id: 60
round 31, starting client 11/50, id: 3
round 31, starting client 12/50, id: 0
round 31, starting client 13/50, id: 96
round 31, starting client 14/50, id: 44
round 31, starting client 15/50, id: 10
round 31, starting client 16/50, id: 82
round 31, starting client 17/50, id: 45
round 31, starting client 18/50, id: 27
round 31, starting client 19/50, id: 56
round 31, starting client 20/50, id: 41
round 31, starting client 21/50, id: 62
round 31, starting client 22/50, id: 97
round 31, starting client 23/50, id: 9
round 31, starting client 24/50, id: 8
round 31, starting client 25/50, id: 24
round 31, starting client 26/50, id: 32
round 31, starting client 27/50, id: 61
round 31, starting client 28/50, id: 6
round 31, starting client 29/50, id: 88
round 31, starting client 30/50, id: 66
round 31, starting client 31/50, id: 95

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round 31, starting client 32/50, id: 1
round 31, starting client 33/50, id: 43
round 31, starting client 34/50, id: 81
round 31, starting client 35/50, id: 40
round 31, starting client 36/50, id: 94
round 31, starting client 37/50, id: 39
round 31, starting client 38/50, id: 23
round 31, starting client 39/50, id: 5
round 31, starting client 40/50, id: 68
round 31, starting client 41/50, id: 38
round 31, starting client 42/50, id: 11
round 31, starting client 43/50, id: 70
round 31, starting client 44/50, id: 49
round 31, starting client 45/50, id: 91
round 31, starting client 46/50, id: 52
round 31, starting client 47/50, id: 86
round 31, starting client 48/50, id: 83
round 31, starting client 49/50, id: 7
round 31, starting client 50/50, id: 67
round 31, validation acc: 0.9256
starting round 32
clients: [44 1 96 3 22 95 50 41 40 29 63 13 20 10 8 74 16 85 28 80 23 6 75
84
45 91 71 48 99 25 88 27 5 4 51 82 70 0 55 54 26 18 61 72 94 19 12 60
90 7]
round 32, starting client 1/50, id: 44
round 32, starting client 2/50, id: 1
round 32, starting client 3/50, id: 96
round 32, starting client 4/50, id: 3
round 32, starting client 5/50, id: 22
round 32, starting client 6/50, id: 95
round 32, starting client 7/50, id: 50
round 32, starting client 8/50, id: 41
round 32, starting client 9/50, id: 40
round 32, starting client 10/50, id: 29
round 32, starting client 11/50, id: 63
round 32, starting client 12/50, id: 13
round 32, starting client 13/50, id: 20
round 32, starting client 14/50, id: 10
round 32, starting client 15/50, id: 8
round 32, starting client 16/50, id: 74
round 32, starting client 17/50, id: 16
round 32, starting client 18/50, id: 85
round 32, starting client 19/50, id: 28
round 32, starting client 20/50, id: 80
round 32, starting client 21/50, id: 23
round 32, starting client 22/50, id: 6
round 32, starting client 23/50, id: 75

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round 32, starting client 24/50, id: 84
round 32, starting client 25/50, id: 45
round 32, starting client 26/50, id: 91
round 32, starting client 27/50, id: 71
round 32, starting client 28/50, id: 48
round 32, starting client 29/50, id: 99
round 32, starting client 30/50, id: 25
round 32, starting client 31/50, id: 88
round 32, starting client 32/50, id: 27
round 32, starting client 33/50, id: 5
round 32, starting client 34/50, id: 4
round 32, starting client 35/50, id: 51
round 32, starting client 36/50, id: 82
round 32, starting client 37/50, id: 70
round 32, starting client 38/50, id: 0
round 32, starting client 39/50, id: 55
round 32, starting client 40/50, id: 54
round 32, starting client 41/50, id: 26
round 32, starting client 42/50, id: 18
round 32, starting client 43/50, id: 61
round 32, starting client 44/50, id: 72
round 32, starting client 45/50, id: 94
round 32, starting client 46/50, id: 19
round 32, starting client 47/50, id: 12
round 32, starting client 48/50, id: 60
round 32, starting client 49/50, id: 90
round 32, starting client 50/50, id: 7
round 32, validation acc: 0.9213
starting round 33
clients: [59 43 26 88 63 62 71 34 51 77 61 76 27 3 44 14 91 9 12 45 54 57 65
4
41 85 33 17 79 93 64 69 80 53 70 13 99 47 89 39 60 20 19 8 15 96 22 50
6 28]
round 33, starting client 1/50, id: 59
round 33, starting client 2/50, id: 43
round 33, starting client 3/50, id: 26
round 33, starting client 4/50, id: 88
round 33, starting client 5/50, id: 63
round 33, starting client 6/50, id: 62
round 33, starting client 7/50, id: 71
round 33, starting client 8/50, id: 34
round 33, starting client 9/50, id: 51
round 33, starting client 10/50, id: 77
round 33, starting client 11/50, id: 61
round 33, starting client 12/50, id: 76
round 33, starting client 13/50, id: 27
round 33, starting client 14/50, id: 3
round 33, starting client 15/50, id: 44

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round 33, starting client 16/50, id: 14
round 33, starting client 17/50, id: 91
round 33, starting client 18/50, id: 9
round 33, starting client 19/50, id: 12
round 33, starting client 20/50, id: 45
round 33, starting client 21/50, id: 54
round 33, starting client 22/50, id: 57
round 33, starting client 23/50, id: 65
round 33, starting client 24/50, id: 4
round 33, starting client 25/50, id: 41
round 33, starting client 26/50, id: 85
round 33, starting client 27/50, id: 33
round 33, starting client 28/50, id: 17
round 33, starting client 29/50, id: 79
round 33, starting client 30/50, id: 93
round 33, starting client 31/50, id: 64
round 33, starting client 32/50, id: 69
round 33, starting client 33/50, id: 80
round 33, starting client 34/50, id: 53
round 33, starting client 35/50, id: 70
round 33, starting client 36/50, id: 13
round 33, starting client 37/50, id: 99
round 33, starting client 38/50, id: 47
round 33, starting client 39/50, id: 89
round 33, starting client 40/50, id: 39
round 33, starting client 41/50, id: 60
round 33, starting client 42/50, id: 20
round 33, starting client 43/50, id: 19
round 33, starting client 44/50, id: 8
round 33, starting client 45/50, id: 15
round 33, starting client 46/50, id: 96
round 33, starting client 47/50, id: 22
round 33, starting client 48/50, id: 50
round 33, starting client 49/50, id: 6
round 33, starting client 50/50, id: 28
round 33, validation acc: 0.9237
starting round 34
clients: [39 72 84 74 65 52 7 98 6 48 1 59 89 61 79 27 86 66 29 44 23 36 42
57
13 85 47 28 96 67 15 41 51 91 14 21 33 64 18 76 19 63 78 68 87 16 22 53
77 46]
round 34, starting client 1/50, id: 39
round 34, starting client 2/50, id: 72
round 34, starting client 3/50, id: 84
round 34, starting client 4/50, id: 74
round 34, starting client 5/50, id: 65
round 34, starting client 6/50, id: 52
round 34, starting client 7/50, id: 7

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round 34, starting client 8/50, id: 98
round 34, starting client 9/50, id: 6
round 34, starting client 10/50, id: 48
round 34, starting client 11/50, id: 1
round 34, starting client 12/50, id: 59
round 34, starting client 13/50, id: 89
round 34, starting client 14/50, id: 61
round 34, starting client 15/50, id: 79
round 34, starting client 16/50, id: 27
round 34, starting client 17/50, id: 86
round 34, starting client 18/50, id: 66
round 34, starting client 19/50, id: 29
round 34, starting client 20/50, id: 44
round 34, starting client 21/50, id: 23
round 34, starting client 22/50, id: 36
round 34, starting client 23/50, id: 42
round 34, starting client 24/50, id: 57
round 34, starting client 25/50, id: 13
round 34, starting client 26/50, id: 85
round 34, starting client 27/50, id: 47
round 34, starting client 28/50, id: 28
round 34, starting client 29/50, id: 96
round 34, starting client 30/50, id: 67
round 34, starting client 31/50, id: 15
round 34, starting client 32/50, id: 41
round 34, starting client 33/50, id: 51
round 34, starting client 34/50, id: 91
round 34, starting client 35/50, id: 14
round 34, starting client 36/50, id: 21
round 34, starting client 37/50, id: 33
round 34, starting client 38/50, id: 64
round 34, starting client 39/50, id: 18
round 34, starting client 40/50, id: 76
round 34, starting client 41/50, id: 19
round 34, starting client 42/50, id: 63
round 34, starting client 43/50, id: 78
round 34, starting client 44/50, id: 68
round 34, starting client 45/50, id: 87
round 34, starting client 46/50, id: 16
round 34, starting client 47/50, id: 22
round 34, starting client 48/50, id: 53
round 34, starting client 49/50, id: 77
round 34, starting client 50/50, id: 46
round 34, validation acc: 0.91
starting round 35
clients: [13 56 25 39 17 42 54 98 43 82 48 63 44 53 60 0 91 29 75 30 7 24 52
80
1 99 32 87 38 62 73 10 84 64 72 55 83 71 15 22 79 49 57 37 21 50 2 93

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81 11]

round 35, starting client 1/50, id: 13
round 35, starting client 2/50, id: 56
round 35, starting client 3/50, id: 25
round 35, starting client 4/50, id: 39
round 35, starting client 5/50, id: 17
round 35, starting client 6/50, id: 42
round 35, starting client 7/50, id: 54
round 35, starting client 8/50, id: 98
round 35, starting client 9/50, id: 43
round 35, starting client 10/50, id: 82
round 35, starting client 11/50, id: 48
round 35, starting client 12/50, id: 63
round 35, starting client 13/50, id: 44
round 35, starting client 14/50, id: 53
round 35, starting client 15/50, id: 60
round 35, starting client 16/50, id: 0
round 35, starting client 17/50, id: 91
round 35, starting client 18/50, id: 29
round 35, starting client 19/50, id: 75
round 35, starting client 20/50, id: 30
round 35, starting client 21/50, id: 7
round 35, starting client 22/50, id: 24
round 35, starting client 23/50, id: 52
round 35, starting client 24/50, id: 80
round 35, starting client 25/50, id: 1
round 35, starting client 26/50, id: 99
round 35, starting client 27/50, id: 32
round 35, starting client 28/50, id: 87
round 35, starting client 29/50, id: 38
round 35, starting client 30/50, id: 62
round 35, starting client 31/50, id: 73
round 35, starting client 32/50, id: 10
round 35, starting client 33/50, id: 84
round 35, starting client 34/50, id: 64
round 35, starting client 35/50, id: 72
round 35, starting client 36/50, id: 55
round 35, starting client 37/50, id: 83
round 35, starting client 38/50, id: 71
round 35, starting client 39/50, id: 15
round 35, starting client 40/50, id: 22
round 35, starting client 41/50, id: 79
round 35, starting client 42/50, id: 49
round 35, starting client 43/50, id: 57
round 35, starting client 44/50, id: 37
round 35, starting client 45/50, id: 21
round 35, starting client 46/50, id: 50
round 35, starting client 47/50, id: 2

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round 35, starting client 48/50, id: 93
round 35, starting client 49/50, id: 81
round 35, starting client 50/50, id: 11
round 35, validation acc: 0.925
starting round 36
clients: [75  2 93 33 38 68 84 78 54 24 25 86 50 98 96 79 36  5 92  6 18 32 73
67
 51 85 76 94 72 88 37 97 95 80 57 87 63  7 31 15 59 44 60 62  3 10 26 52
64 61]
round 36, starting client 1/50, id: 75
round 36, starting client 2/50, id: 2
round 36, starting client 3/50, id: 93
round 36, starting client 4/50, id: 33
round 36, starting client 5/50, id: 38
round 36, starting client 6/50, id: 68
round 36, starting client 7/50, id: 84
round 36, starting client 8/50, id: 78
round 36, starting client 9/50, id: 54
round 36, starting client 10/50, id: 24
round 36, starting client 11/50, id: 25
round 36, starting client 12/50, id: 86
round 36, starting client 13/50, id: 50
round 36, starting client 14/50, id: 98
round 36, starting client 15/50, id: 96
round 36, starting client 16/50, id: 79
round 36, starting client 17/50, id: 36
round 36, starting client 18/50, id: 5
round 36, starting client 19/50, id: 92
round 36, starting client 20/50, id: 6
round 36, starting client 21/50, id: 18
round 36, starting client 22/50, id: 32
round 36, starting client 23/50, id: 73
round 36, starting client 24/50, id: 67
round 36, starting client 25/50, id: 51
round 36, starting client 26/50, id: 85
round 36, starting client 27/50, id: 76
round 36, starting client 28/50, id: 94
round 36, starting client 29/50, id: 72
round 36, starting client 30/50, id: 88
round 36, starting client 31/50, id: 37
round 36, starting client 32/50, id: 97
round 36, starting client 33/50, id: 95
round 36, starting client 34/50, id: 80
round 36, starting client 35/50, id: 57
round 36, starting client 36/50, id: 87
round 36, starting client 37/50, id: 63
round 36, starting client 38/50, id: 7
round 36, starting client 39/50, id: 31

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round 36, starting client 40/50, id: 15
round 36, starting client 41/50, id: 59
round 36, starting client 42/50, id: 44
round 36, starting client 43/50, id: 60
round 36, starting client 44/50, id: 62
round 36, starting client 45/50, id: 3
round 36, starting client 46/50, id: 10
round 36, starting client 47/50, id: 26
round 36, starting client 48/50, id: 52
round 36, starting client 49/50, id: 64
round 36, starting client 50/50, id: 61
round 36, validation acc: 0.9257
starting round 37
clients: [89 58 98 76 74 63 99 55 35 67 38 28 13 40 65 26 0 66 12 17 25 92 1
27
32 72 77 5 61 78 34 97 45 18 69 93 15 11 95 71 85 41 47 22 83 54 37 62
9 20]
round 37, starting client 1/50, id: 89
round 37, starting client 2/50, id: 58
round 37, starting client 3/50, id: 98
round 37, starting client 4/50, id: 76
round 37, starting client 5/50, id: 74
round 37, starting client 6/50, id: 63
round 37, starting client 7/50, id: 99
round 37, starting client 8/50, id: 55
round 37, starting client 9/50, id: 35
round 37, starting client 10/50, id: 67
round 37, starting client 11/50, id: 38
round 37, starting client 12/50, id: 28
round 37, starting client 13/50, id: 13
round 37, starting client 14/50, id: 40
round 37, starting client 15/50, id: 65
round 37, starting client 16/50, id: 26
round 37, starting client 17/50, id: 0
round 37, starting client 18/50, id: 66
round 37, starting client 19/50, id: 12
round 37, starting client 20/50, id: 17
round 37, starting client 21/50, id: 25
round 37, starting client 22/50, id: 92
round 37, starting client 23/50, id: 1
round 37, starting client 24/50, id: 27
round 37, starting client 25/50, id: 32
round 37, starting client 26/50, id: 72
round 37, starting client 27/50, id: 77
round 37, starting client 28/50, id: 5
round 37, starting client 29/50, id: 61
round 37, starting client 30/50, id: 78
round 37, starting client 31/50, id: 34

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round 37, starting client 32/50, id: 97
round 37, starting client 33/50, id: 45
round 37, starting client 34/50, id: 18
round 37, starting client 35/50, id: 69
round 37, starting client 36/50, id: 93
round 37, starting client 37/50, id: 15
round 37, starting client 38/50, id: 11
round 37, starting client 39/50, id: 95
round 37, starting client 40/50, id: 71
round 37, starting client 41/50, id: 85
round 37, starting client 42/50, id: 41
round 37, starting client 43/50, id: 47
round 37, starting client 44/50, id: 22
round 37, starting client 45/50, id: 83
round 37, starting client 46/50, id: 54
round 37, starting client 47/50, id: 37
round 37, starting client 48/50, id: 62
round 37, starting client 49/50, id: 9
round 37, starting client 50/50, id: 20
round 37, validation acc: 0.9266
starting round 38
clients: [23 70 64 5 75 72 31 98 7 36 14 66 18 32 45 29 38 24 91 73 10 35 54
76
20 55 96 92 62 52 94 13 80 33 68 78 69 1 63 89 83 11 60 46 0 30 26 86
25 53]
round 38, starting client 1/50, id: 23
round 38, starting client 2/50, id: 70
round 38, starting client 3/50, id: 64
round 38, starting client 4/50, id: 5
round 38, starting client 5/50, id: 75
round 38, starting client 6/50, id: 72
round 38, starting client 7/50, id: 31
round 38, starting client 8/50, id: 98
round 38, starting client 9/50, id: 7
round 38, starting client 10/50, id: 36
round 38, starting client 11/50, id: 14
round 38, starting client 12/50, id: 66
round 38, starting client 13/50, id: 18
round 38, starting client 14/50, id: 32
round 38, starting client 15/50, id: 45
round 38, starting client 16/50, id: 29
round 38, starting client 17/50, id: 38
round 38, starting client 18/50, id: 24
round 38, starting client 19/50, id: 91
round 38, starting client 20/50, id: 73
round 38, starting client 21/50, id: 10
round 38, starting client 22/50, id: 35
round 38, starting client 23/50, id: 54

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round 38, starting client 24/50, id: 76
round 38, starting client 25/50, id: 20
round 38, starting client 26/50, id: 55
round 38, starting client 27/50, id: 96
round 38, starting client 28/50, id: 92
round 38, starting client 29/50, id: 62
round 38, starting client 30/50, id: 52
round 38, starting client 31/50, id: 94
round 38, starting client 32/50, id: 13
round 38, starting client 33/50, id: 80
round 38, starting client 34/50, id: 33
round 38, starting client 35/50, id: 68
round 38, starting client 36/50, id: 78
round 38, starting client 37/50, id: 69
round 38, starting client 38/50, id: 1
round 38, starting client 39/50, id: 63
round 38, starting client 40/50, id: 89
round 38, starting client 41/50, id: 83
round 38, starting client 42/50, id: 11
round 38, starting client 43/50, id: 60
round 38, starting client 44/50, id: 46
round 38, starting client 45/50, id: 0
round 38, starting client 46/50, id: 30
round 38, starting client 47/50, id: 26
round 38, starting client 48/50, id: 86
round 38, starting client 49/50, id: 25
round 38, starting client 50/50, id: 53
round 38, validation acc: 0.9262
starting round 39
clients: [47 76 99 77 12 49 96 24 19 29 98 92 44 88 87 89 32 63 94 62 74 10 66
22
61 0 28 11 1 51 21 33 45 13 58 86 64 3 54 90 70 9 39 65 78 36 85 95
75 59]
round 39, starting client 1/50, id: 47
round 39, starting client 2/50, id: 76
round 39, starting client 3/50, id: 99
round 39, starting client 4/50, id: 77
round 39, starting client 5/50, id: 12
round 39, starting client 6/50, id: 49
round 39, starting client 7/50, id: 96
round 39, starting client 8/50, id: 24
round 39, starting client 9/50, id: 19
round 39, starting client 10/50, id: 29
round 39, starting client 11/50, id: 98
round 39, starting client 12/50, id: 92
round 39, starting client 13/50, id: 44
round 39, starting client 14/50, id: 88
round 39, starting client 15/50, id: 87

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round 39, starting client 16/50, id: 89
round 39, starting client 17/50, id: 32
round 39, starting client 18/50, id: 63
round 39, starting client 19/50, id: 94
round 39, starting client 20/50, id: 62
round 39, starting client 21/50, id: 74
round 39, starting client 22/50, id: 10
round 39, starting client 23/50, id: 66
round 39, starting client 24/50, id: 22
round 39, starting client 25/50, id: 61
round 39, starting client 26/50, id: 0
round 39, starting client 27/50, id: 28
round 39, starting client 28/50, id: 11
round 39, starting client 29/50, id: 1
round 39, starting client 30/50, id: 51
round 39, starting client 31/50, id: 21
round 39, starting client 32/50, id: 33
round 39, starting client 33/50, id: 45
round 39, starting client 34/50, id: 13
round 39, starting client 35/50, id: 58
round 39, starting client 36/50, id: 86
round 39, starting client 37/50, id: 64
round 39, starting client 38/50, id: 3
round 39, starting client 39/50, id: 54
round 39, starting client 40/50, id: 90
round 39, starting client 41/50, id: 70
round 39, starting client 42/50, id: 9
round 39, starting client 43/50, id: 39
round 39, starting client 44/50, id: 65
round 39, starting client 45/50, id: 78
round 39, starting client 46/50, id: 36
round 39, starting client 47/50, id: 85
round 39, starting client 48/50, id: 95
round 39, starting client 49/50, id: 75
round 39, starting client 50/50, id: 59
round 39, validation acc: 0.9241
starting round 40
clients: [62 22 56 27 34 86 65 32 33 84 98 46 69 37 2 82 44 16 68 40 90 13 93
88
38 70 24 26 35 77 45 50 0 3 9 8 36 4 52 31 79 67 57 66 87 78 21 59
94 1]
round 40, starting client 1/50, id: 62
round 40, starting client 2/50, id: 22
round 40, starting client 3/50, id: 56
round 40, starting client 4/50, id: 27
round 40, starting client 5/50, id: 34
round 40, starting client 6/50, id: 86
round 40, starting client 7/50, id: 65

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round 40, starting client 8/50, id: 32
round 40, starting client 9/50, id: 33
round 40, starting client 10/50, id: 84
round 40, starting client 11/50, id: 98
round 40, starting client 12/50, id: 46
round 40, starting client 13/50, id: 69
round 40, starting client 14/50, id: 37
round 40, starting client 15/50, id: 2
round 40, starting client 16/50, id: 82
round 40, starting client 17/50, id: 44
round 40, starting client 18/50, id: 16
round 40, starting client 19/50, id: 68
round 40, starting client 20/50, id: 40
round 40, starting client 21/50, id: 90
round 40, starting client 22/50, id: 13
round 40, starting client 23/50, id: 93
round 40, starting client 24/50, id: 88
round 40, starting client 25/50, id: 38
round 40, starting client 26/50, id: 70
round 40, starting client 27/50, id: 24
round 40, starting client 28/50, id: 26
round 40, starting client 29/50, id: 35
round 40, starting client 30/50, id: 77
round 40, starting client 31/50, id: 45
round 40, starting client 32/50, id: 50
round 40, starting client 33/50, id: 0
round 40, starting client 34/50, id: 3
round 40, starting client 35/50, id: 9
round 40, starting client 36/50, id: 8
round 40, starting client 37/50, id: 36
round 40, starting client 38/50, id: 4
round 40, starting client 39/50, id: 52
round 40, starting client 40/50, id: 31
round 40, starting client 41/50, id: 79
round 40, starting client 42/50, id: 67
round 40, starting client 43/50, id: 57
round 40, starting client 44/50, id: 66
round 40, starting client 45/50, id: 87
round 40, starting client 46/50, id: 78
round 40, starting client 47/50, id: 21
round 40, starting client 48/50, id: 59
round 40, starting client 49/50, id: 94
round 40, starting client 50/50, id: 1
round 40, validation acc: 0.9284
starting round 41
clients: [20 37 15 61 89 41 46 74 17 90 32 85 59 64 22 97 70 33 3 54 16 80 44
86
56 51 53 73 49 92 60 40 23 35 79 84 55 93 58 34 0 50 65 94 19 63 5 12

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39 72]

round 41, starting client 1/50, id: 20
round 41, starting client 2/50, id: 37
round 41, starting client 3/50, id: 15
round 41, starting client 4/50, id: 61
round 41, starting client 5/50, id: 89
round 41, starting client 6/50, id: 41
round 41, starting client 7/50, id: 46
round 41, starting client 8/50, id: 74
round 41, starting client 9/50, id: 17
round 41, starting client 10/50, id: 90
round 41, starting client 11/50, id: 32
round 41, starting client 12/50, id: 85
round 41, starting client 13/50, id: 59
round 41, starting client 14/50, id: 64
round 41, starting client 15/50, id: 22
round 41, starting client 16/50, id: 97
round 41, starting client 17/50, id: 70
round 41, starting client 18/50, id: 33
round 41, starting client 19/50, id: 3
round 41, starting client 20/50, id: 54
round 41, starting client 21/50, id: 16
round 41, starting client 22/50, id: 80
round 41, starting client 23/50, id: 44
round 41, starting client 24/50, id: 86
round 41, starting client 25/50, id: 56
round 41, starting client 26/50, id: 51
round 41, starting client 27/50, id: 53
round 41, starting client 28/50, id: 73
round 41, starting client 29/50, id: 49
round 41, starting client 30/50, id: 92
round 41, starting client 31/50, id: 60
round 41, starting client 32/50, id: 40
round 41, starting client 33/50, id: 23
round 41, starting client 34/50, id: 35
round 41, starting client 35/50, id: 79
round 41, starting client 36/50, id: 84
round 41, starting client 37/50, id: 55
round 41, starting client 38/50, id: 93
round 41, starting client 39/50, id: 58
round 41, starting client 40/50, id: 34
round 41, starting client 41/50, id: 0
round 41, starting client 42/50, id: 50
round 41, starting client 43/50, id: 65
round 41, starting client 44/50, id: 94
round 41, starting client 45/50, id: 19
round 41, starting client 46/50, id: 63
round 41, starting client 47/50, id: 5

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round 41, starting client 48/50, id: 12
round 41, starting client 49/50, id: 39
round 41, starting client 50/50, id: 72
round 41, validation acc: 0.9296
starting round 42
clients: [72 85 38 99 18 90 27 30 51 54 37 60 70 69 3 6 64 7 25 53 28 20 66
10
47 83 91 32 31 22 48 5 56 88 13 45 36 43 44 50 89 94 82 80 68 8 4 55
40 65]
round 42, starting client 1/50, id: 72
round 42, starting client 2/50, id: 85
round 42, starting client 3/50, id: 38
round 42, starting client 4/50, id: 99
round 42, starting client 5/50, id: 18
round 42, starting client 6/50, id: 90
round 42, starting client 7/50, id: 27
round 42, starting client 8/50, id: 30
round 42, starting client 9/50, id: 51
round 42, starting client 10/50, id: 54
round 42, starting client 11/50, id: 37
round 42, starting client 12/50, id: 60
round 42, starting client 13/50, id: 70
round 42, starting client 14/50, id: 69
round 42, starting client 15/50, id: 3
round 42, starting client 16/50, id: 6
round 42, starting client 17/50, id: 64
round 42, starting client 18/50, id: 7
round 42, starting client 19/50, id: 25
round 42, starting client 20/50, id: 53
round 42, starting client 21/50, id: 28
round 42, starting client 22/50, id: 20
round 42, starting client 23/50, id: 66
round 42, starting client 24/50, id: 10
round 42, starting client 25/50, id: 47
round 42, starting client 26/50, id: 83
round 42, starting client 27/50, id: 91
round 42, starting client 28/50, id: 32
round 42, starting client 29/50, id: 31
round 42, starting client 30/50, id: 22
round 42, starting client 31/50, id: 48
round 42, starting client 32/50, id: 5
round 42, starting client 33/50, id: 56
round 42, starting client 34/50, id: 88
round 42, starting client 35/50, id: 13
round 42, starting client 36/50, id: 45
round 42, starting client 37/50, id: 36
round 42, starting client 38/50, id: 43
round 42, starting client 39/50, id: 44

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round 42, starting client 40/50, id: 50
round 42, starting client 41/50, id: 89
round 42, starting client 42/50, id: 94
round 42, starting client 43/50, id: 82
round 42, starting client 44/50, id: 80
round 42, starting client 45/50, id: 68
round 42, starting client 46/50, id: 8
round 42, starting client 47/50, id: 4
round 42, starting client 48/50, id: 55
round 42, starting client 49/50, id: 40
round 42, starting client 50/50, id: 65
round 42, validation acc: 0.9303
starting round 43
clients: [33 37 84 32 92 29 22 66 93 85 31 86 21 74 18 24 97 98 9 19 0 34 48
53
39 83 8 88 96 43 15 49 13 5 65 42 79 82 89 57 30 59 63 55 72 2 95 6
69 46]
round 43, starting client 1/50, id: 33
round 43, starting client 2/50, id: 37
round 43, starting client 3/50, id: 84
round 43, starting client 4/50, id: 32
round 43, starting client 5/50, id: 92
round 43, starting client 6/50, id: 29
round 43, starting client 7/50, id: 22
round 43, starting client 8/50, id: 66
round 43, starting client 9/50, id: 93
round 43, starting client 10/50, id: 85
round 43, starting client 11/50, id: 31
round 43, starting client 12/50, id: 86
round 43, starting client 13/50, id: 21
round 43, starting client 14/50, id: 74
round 43, starting client 15/50, id: 18
round 43, starting client 16/50, id: 24
round 43, starting client 17/50, id: 97
round 43, starting client 18/50, id: 98
round 43, starting client 19/50, id: 9
round 43, starting client 20/50, id: 19
round 43, starting client 21/50, id: 0
round 43, starting client 22/50, id: 34
round 43, starting client 23/50, id: 48
round 43, starting client 24/50, id: 53
round 43, starting client 25/50, id: 39
round 43, starting client 26/50, id: 83
round 43, starting client 27/50, id: 8
round 43, starting client 28/50, id: 88
round 43, starting client 29/50, id: 96
round 43, starting client 30/50, id: 43
round 43, starting client 31/50, id: 15

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round 43, starting client 32/50, id: 49
round 43, starting client 33/50, id: 13
round 43, starting client 34/50, id: 5
round 43, starting client 35/50, id: 65
round 43, starting client 36/50, id: 42
round 43, starting client 37/50, id: 79
round 43, starting client 38/50, id: 82
round 43, starting client 39/50, id: 89
round 43, starting client 40/50, id: 57
round 43, starting client 41/50, id: 30
round 43, starting client 42/50, id: 59
round 43, starting client 43/50, id: 63
round 43, starting client 44/50, id: 55
round 43, starting client 45/50, id: 72
round 43, starting client 46/50, id: 2
round 43, starting client 47/50, id: 95
round 43, starting client 48/50, id: 6
round 43, starting client 49/50, id: 69
round 43, starting client 50/50, id: 46
round 43, validation acc: 0.9288
starting round 44
clients: [29 66 23 15 80 97 85 53 92 91 90 71 87 88 9 2 72 49 19 26 3 20 56
57
37 42 68 1 12 70 75 45 89 65 10 44 50 62 94 46 41 35 67 0 86 17 84 96
95 18]
round 44, starting client 1/50, id: 29
round 44, starting client 2/50, id: 66
round 44, starting client 3/50, id: 23
round 44, starting client 4/50, id: 15
round 44, starting client 5/50, id: 80
round 44, starting client 6/50, id: 97
round 44, starting client 7/50, id: 85
round 44, starting client 8/50, id: 53
round 44, starting client 9/50, id: 92
round 44, starting client 10/50, id: 91
round 44, starting client 11/50, id: 90
round 44, starting client 12/50, id: 71
round 44, starting client 13/50, id: 87
round 44, starting client 14/50, id: 88
round 44, starting client 15/50, id: 9
round 44, starting client 16/50, id: 2
round 44, starting client 17/50, id: 72
round 44, starting client 18/50, id: 49
round 44, starting client 19/50, id: 19
round 44, starting client 20/50, id: 26
round 44, starting client 21/50, id: 3
round 44, starting client 22/50, id: 20
round 44, starting client 23/50, id: 56

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round 44, starting client 24/50, id: 57
round 44, starting client 25/50, id: 37
round 44, starting client 26/50, id: 42
round 44, starting client 27/50, id: 68
round 44, starting client 28/50, id: 1
round 44, starting client 29/50, id: 12
round 44, starting client 30/50, id: 70
round 44, starting client 31/50, id: 75
round 44, starting client 32/50, id: 45
round 44, starting client 33/50, id: 89
round 44, starting client 34/50, id: 65
round 44, starting client 35/50, id: 10
round 44, starting client 36/50, id: 44
round 44, starting client 37/50, id: 50
round 44, starting client 38/50, id: 62
round 44, starting client 39/50, id: 94
round 44, starting client 40/50, id: 46
round 44, starting client 41/50, id: 41
round 44, starting client 42/50, id: 35
round 44, starting client 43/50, id: 67
round 44, starting client 44/50, id: 0
round 44, starting client 45/50, id: 86
round 44, starting client 46/50, id: 17
round 44, starting client 47/50, id: 84
round 44, starting client 48/50, id: 96
round 44, starting client 49/50, id: 95
round 44, starting client 50/50, id: 18
round 44, validation acc: 0.934
starting round 45
clients: [33 37 92 63 11 34 21 50 24 86 9 93 31 52 75 48 76 55 97 7 43 69 28
23
79 96 62 46 18 15 30 42 78 87 26 67 94 99 95 14 60 85 38 47 32 90 41 51
19 40]
round 45, starting client 1/50, id: 33
round 45, starting client 2/50, id: 37
round 45, starting client 3/50, id: 92
round 45, starting client 4/50, id: 63
round 45, starting client 5/50, id: 11
round 45, starting client 6/50, id: 34
round 45, starting client 7/50, id: 21
round 45, starting client 8/50, id: 50
round 45, starting client 9/50, id: 24
round 45, starting client 10/50, id: 86
round 45, starting client 11/50, id: 9
round 45, starting client 12/50, id: 93
round 45, starting client 13/50, id: 31
round 45, starting client 14/50, id: 52
round 45, starting client 15/50, id: 75

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round 45, starting client 16/50, id: 48
round 45, starting client 17/50, id: 76
round 45, starting client 18/50, id: 55
round 45, starting client 19/50, id: 97
round 45, starting client 20/50, id: 7
round 45, starting client 21/50, id: 43
round 45, starting client 22/50, id: 69
round 45, starting client 23/50, id: 28
round 45, starting client 24/50, id: 23
round 45, starting client 25/50, id: 79
round 45, starting client 26/50, id: 96
round 45, starting client 27/50, id: 62
round 45, starting client 28/50, id: 46
round 45, starting client 29/50, id: 18
round 45, starting client 30/50, id: 15
round 45, starting client 31/50, id: 30
round 45, starting client 32/50, id: 42
round 45, starting client 33/50, id: 78
round 45, starting client 34/50, id: 87
round 45, starting client 35/50, id: 26
round 45, starting client 36/50, id: 67
round 45, starting client 37/50, id: 94
round 45, starting client 38/50, id: 99
round 45, starting client 39/50, id: 95
round 45, starting client 40/50, id: 14
round 45, starting client 41/50, id: 60
round 45, starting client 42/50, id: 85
round 45, starting client 43/50, id: 38
round 45, starting client 44/50, id: 47
round 45, starting client 45/50, id: 32
round 45, starting client 46/50, id: 90
round 45, starting client 47/50, id: 41
round 45, starting client 48/50, id: 51
round 45, starting client 49/50, id: 19
round 45, starting client 50/50, id: 40
round 45, validation acc: 0.9278
starting round 46
clients: [81 53 45 72 86 5 9 55 2 94 28 75 65 61 59 18 14 95 56 26 17 48 21
76
30 52 54 70 32 15 23 16 44 20 1 67 98 87 49 43 74 60 88 34 63 39 19 36
99 80]
round 46, starting client 1/50, id: 81
round 46, starting client 2/50, id: 53
round 46, starting client 3/50, id: 45
round 46, starting client 4/50, id: 72
round 46, starting client 5/50, id: 86
round 46, starting client 6/50, id: 5
round 46, starting client 7/50, id: 9

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round 46, starting client 8/50, id: 55
round 46, starting client 9/50, id: 2
round 46, starting client 10/50, id: 94
round 46, starting client 11/50, id: 28
round 46, starting client 12/50, id: 75
round 46, starting client 13/50, id: 65
round 46, starting client 14/50, id: 61
round 46, starting client 15/50, id: 59
round 46, starting client 16/50, id: 18
round 46, starting client 17/50, id: 14
round 46, starting client 18/50, id: 95
round 46, starting client 19/50, id: 56
round 46, starting client 20/50, id: 26
round 46, starting client 21/50, id: 17
round 46, starting client 22/50, id: 48
round 46, starting client 23/50, id: 21
round 46, starting client 24/50, id: 76
round 46, starting client 25/50, id: 30
round 46, starting client 26/50, id: 52
round 46, starting client 27/50, id: 54
round 46, starting client 28/50, id: 70
round 46, starting client 29/50, id: 32
round 46, starting client 30/50, id: 15
round 46, starting client 31/50, id: 23
round 46, starting client 32/50, id: 16
round 46, starting client 33/50, id: 44
round 46, starting client 34/50, id: 20
round 46, starting client 35/50, id: 1
round 46, starting client 36/50, id: 67
round 46, starting client 37/50, id: 98
round 46, starting client 38/50, id: 87
round 46, starting client 39/50, id: 49
round 46, starting client 40/50, id: 43
round 46, starting client 41/50, id: 74
round 46, starting client 42/50, id: 60
round 46, starting client 43/50, id: 88
round 46, starting client 44/50, id: 34
round 46, starting client 45/50, id: 63
round 46, starting client 46/50, id: 39
round 46, starting client 47/50, id: 19
round 46, starting client 48/50, id: 36
round 46, starting client 49/50, id: 99
round 46, starting client 50/50, id: 80
round 46, validation acc: 0.9321
starting round 47
clients: [51 24 5 17 61 58 94 0 30 28 64 98 85 79 29 80 63 38 60 36 26 66 46
48
6 83 81 12 87 72 44 39 16 88 14 50 91 90 95 27 55 8 67 89 52 34 77 69

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round 47, starting client 1/50, id: 51
round 47, starting client 2/50, id: 24
round 47, starting client 3/50, id: 5
round 47, starting client 4/50, id: 17
round 47, starting client 5/50, id: 61
round 47, starting client 6/50, id: 58
round 47, starting client 7/50, id: 94
round 47, starting client 8/50, id: 0
round 47, starting client 9/50, id: 30
round 47, starting client 10/50, id: 28
round 47, starting client 11/50, id: 64
round 47, starting client 12/50, id: 98
round 47, starting client 13/50, id: 85
round 47, starting client 14/50, id: 79
round 47, starting client 15/50, id: 29
round 47, starting client 16/50, id: 80
round 47, starting client 17/50, id: 63
round 47, starting client 18/50, id: 38
round 47, starting client 19/50, id: 60
round 47, starting client 20/50, id: 36
round 47, starting client 21/50, id: 26
round 47, starting client 22/50, id: 66
round 47, starting client 23/50, id: 46
round 47, starting client 24/50, id: 48
round 47, starting client 25/50, id: 6
round 47, starting client 26/50, id: 83
round 47, starting client 27/50, id: 81
round 47, starting client 28/50, id: 12
round 47, starting client 29/50, id: 87
round 47, starting client 30/50, id: 72
round 47, starting client 31/50, id: 44
round 47, starting client 32/50, id: 39
round 47, starting client 33/50, id: 16
round 47, starting client 34/50, id: 88
round 47, starting client 35/50, id: 14
round 47, starting client 36/50, id: 50
round 47, starting client 37/50, id: 91
round 47, starting client 38/50, id: 90
round 47, starting client 39/50, id: 95
round 47, starting client 40/50, id: 27
round 47, starting client 41/50, id: 55
round 47, starting client 42/50, id: 8
round 47, starting client 43/50, id: 67
round 47, starting client 44/50, id: 89
round 47, starting client 45/50, id: 52
round 47, starting client 46/50, id: 34
round 47, starting client 47/50, id: 77


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round 47, starting client 48/50, id: 69
round 47, starting client 49/50, id: 3
round 47, starting client 50/50, id: 71
round 47, validation acc: 0.9329
starting round 48
clients: [89 34 61 82 77 41 85 6 13 31 66 84 69 14 68 5 71 19 29 79 72 21 12
40
86 39 16 96 7 4 92 90 52 54 57 30 9 18 73 81 56 17 10 15 32 53 97 45
49 91]
round 48, starting client 1/50, id: 89
round 48, starting client 2/50, id: 34
round 48, starting client 3/50, id: 61
round 48, starting client 4/50, id: 82
round 48, starting client 5/50, id: 77
round 48, starting client 6/50, id: 41
round 48, starting client 7/50, id: 85
round 48, starting client 8/50, id: 6
round 48, starting client 9/50, id: 13
round 48, starting client 10/50, id: 31
round 48, starting client 11/50, id: 66
round 48, starting client 12/50, id: 84
round 48, starting client 13/50, id: 69
round 48, starting client 14/50, id: 14
round 48, starting client 15/50, id: 68
round 48, starting client 16/50, id: 5
round 48, starting client 17/50, id: 71
round 48, starting client 18/50, id: 19
round 48, starting client 19/50, id: 29
round 48, starting client 20/50, id: 79
round 48, starting client 21/50, id: 72
round 48, starting client 22/50, id: 21
round 48, starting client 23/50, id: 12
round 48, starting client 24/50, id: 40
round 48, starting client 25/50, id: 86
round 48, starting client 26/50, id: 39
round 48, starting client 27/50, id: 16
round 48, starting client 28/50, id: 96
round 48, starting client 29/50, id: 7
round 48, starting client 30/50, id: 4
round 48, starting client 31/50, id: 92
round 48, starting client 32/50, id: 90
round 48, starting client 33/50, id: 52
round 48, starting client 34/50, id: 54
round 48, starting client 35/50, id: 57
round 48, starting client 36/50, id: 30
round 48, starting client 37/50, id: 9
round 48, starting client 38/50, id: 18
round 48, starting client 39/50, id: 73

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round 48, starting client 40/50, id: 81
round 48, starting client 41/50, id: 56
round 48, starting client 42/50, id: 17
round 48, starting client 43/50, id: 10
round 48, starting client 44/50, id: 15
round 48, starting client 45/50, id: 32
round 48, starting client 46/50, id: 53
round 48, starting client 47/50, id: 97
round 48, starting client 48/50, id: 45
round 48, starting client 49/50, id: 49
round 48, starting client 50/50, id: 91
round 48, validation acc: 0.9356
starting round 49
clients: [90 28 80 63 62 10 66 84 30 11 71 91 51 22 13 85 6 53 65 78 35 7 37
97
70 12 82 93 43 29 20 99 34 73 75 49 76 42 39 69 54 57 74 18 44 33 83 79
68 1]
round 49, starting client 1/50, id: 90
round 49, starting client 2/50, id: 28
round 49, starting client 3/50, id: 80
round 49, starting client 4/50, id: 63
round 49, starting client 5/50, id: 62
round 49, starting client 6/50, id: 10
round 49, starting client 7/50, id: 66
round 49, starting client 8/50, id: 84
round 49, starting client 9/50, id: 30
round 49, starting client 10/50, id: 11
round 49, starting client 11/50, id: 71
round 49, starting client 12/50, id: 91
round 49, starting client 13/50, id: 51
round 49, starting client 14/50, id: 22
round 49, starting client 15/50, id: 13
round 49, starting client 16/50, id: 85
round 49, starting client 17/50, id: 6
round 49, starting client 18/50, id: 53
round 49, starting client 19/50, id: 65
round 49, starting client 20/50, id: 78
round 49, starting client 21/50, id: 35
round 49, starting client 22/50, id: 7
round 49, starting client 23/50, id: 37
round 49, starting client 24/50, id: 97
round 49, starting client 25/50, id: 70
round 49, starting client 26/50, id: 12
round 49, starting client 27/50, id: 82
round 49, starting client 28/50, id: 93
round 49, starting client 29/50, id: 43
round 49, starting client 30/50, id: 29
round 49, starting client 31/50, id: 20

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round 49, starting client 32/50, id: 99
round 49, starting client 33/50, id: 34
round 49, starting client 34/50, id: 73
round 49, starting client 35/50, id: 75
round 49, starting client 36/50, id: 49
round 49, starting client 37/50, id: 76
round 49, starting client 38/50, id: 42
round 49, starting client 39/50, id: 39
round 49, starting client 40/50, id: 69
round 49, starting client 41/50, id: 54
round 49, starting client 42/50, id: 57
round 49, starting client 43/50, id: 74
round 49, starting client 44/50, id: 18
round 49, starting client 45/50, id: 44
round 49, starting client 46/50, id: 33
round 49, starting client 47/50, id: 83
round 49, starting client 48/50, id: 79
round 49, starting client 49/50, id: 68
round 49, starting client 50/50, id: 1
round 49, validation acc: 0.9346
starting round 50
clients: [50 58 89 54 6 86 69 18 42 81 20 94 73 38 31 92 60 93 56 57 63 79 2
33
27 99 3 21 1 8 85 88 40 87 49 12 59 80 70 28 95 26 19 4 84 32 55 77
11 82]
round 50, starting client 1/50, id: 50
round 50, starting client 2/50, id: 58
round 50, starting client 3/50, id: 89
round 50, starting client 4/50, id: 54
round 50, starting client 5/50, id: 6
round 50, starting client 6/50, id: 86
round 50, starting client 7/50, id: 69
round 50, starting client 8/50, id: 18
round 50, starting client 9/50, id: 42
round 50, starting client 10/50, id: 81
round 50, starting client 11/50, id: 20
round 50, starting client 12/50, id: 94
round 50, starting client 13/50, id: 73
round 50, starting client 14/50, id: 38
round 50, starting client 15/50, id: 31
round 50, starting client 16/50, id: 92
round 50, starting client 17/50, id: 60
round 50, starting client 18/50, id: 93
round 50, starting client 19/50, id: 56
round 50, starting client 20/50, id: 57
round 50, starting client 21/50, id: 63
round 50, starting client 22/50, id: 79
round 50, starting client 23/50, id: 2

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round 50, starting client 24/50, id: 33
round 50, starting client 25/50, id: 27
round 50, starting client 26/50, id: 99
round 50, starting client 27/50, id: 3
round 50, starting client 28/50, id: 21
round 50, starting client 29/50, id: 1
round 50, starting client 30/50, id: 8
round 50, starting client 31/50, id: 85
round 50, starting client 32/50, id: 88
round 50, starting client 33/50, id: 40
round 50, starting client 34/50, id: 87
round 50, starting client 35/50, id: 49
round 50, starting client 36/50, id: 12
round 50, starting client 37/50, id: 59
round 50, starting client 38/50, id: 80
round 50, starting client 39/50, id: 70
round 50, starting client 40/50, id: 28
round 50, starting client 41/50, id: 95
round 50, starting client 42/50, id: 26
round 50, starting client 43/50, id: 19
round 50, starting client 44/50, id: 4
round 50, starting client 45/50, id: 84
round 50, starting client 46/50, id: 32
round 50, starting client 47/50, id: 55
round 50, starting client 48/50, id: 77
round 50, starting client 49/50, id: 11
round 50, starting client 50/50, id: 82
round 50, validation acc: 0.9373
starting round 51
clients: [76 23 63 67 47 30 9 39 46 36 65 26 7 95 77 33 78 60 79 85 68 43 66
52
15 13 25 57 10 83 41 51 74 45 69 37 62 73 0 44 42 34 97 40 31 88 56 70
20 8]
round 51, starting client 1/50, id: 76
round 51, starting client 2/50, id: 23
round 51, starting client 3/50, id: 63
round 51, starting client 4/50, id: 67
round 51, starting client 5/50, id: 47
round 51, starting client 6/50, id: 30
round 51, starting client 7/50, id: 9
round 51, starting client 8/50, id: 39
round 51, starting client 9/50, id: 46
round 51, starting client 10/50, id: 36
round 51, starting client 11/50, id: 65
round 51, starting client 12/50, id: 26
round 51, starting client 13/50, id: 7
round 51, starting client 14/50, id: 95
round 51, starting client 15/50, id: 77

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round 51, starting client 16/50, id: 33
round 51, starting client 17/50, id: 78
round 51, starting client 18/50, id: 60
round 51, starting client 19/50, id: 79
round 51, starting client 20/50, id: 85
round 51, starting client 21/50, id: 68
round 51, starting client 22/50, id: 43
round 51, starting client 23/50, id: 66
round 51, starting client 24/50, id: 52
round 51, starting client 25/50, id: 15
round 51, starting client 26/50, id: 13
round 51, starting client 27/50, id: 25
round 51, starting client 28/50, id: 57
round 51, starting client 29/50, id: 10
round 51, starting client 30/50, id: 83
round 51, starting client 31/50, id: 41
round 51, starting client 32/50, id: 51
round 51, starting client 33/50, id: 74
round 51, starting client 34/50, id: 45
round 51, starting client 35/50, id: 69
round 51, starting client 36/50, id: 37
round 51, starting client 37/50, id: 62
round 51, starting client 38/50, id: 73
round 51, starting client 39/50, id: 0
round 51, starting client 40/50, id: 44
round 51, starting client 41/50, id: 42
round 51, starting client 42/50, id: 34
round 51, starting client 43/50, id: 97
round 51, starting client 44/50, id: 40
round 51, starting client 45/50, id: 31
round 51, starting client 46/50, id: 88
round 51, starting client 47/50, id: 56
round 51, starting client 48/50, id: 70
round 51, starting client 49/50, id: 20
round 51, starting client 50/50, id: 8
round 51, validation acc: 0.939
starting round 52
clients: [50 91 13 25 9 92 85 89 62 36 10 93 64 17 57 61 12 22 73 6 76 67 81
75
86 3 37 60 99 52 11 1 94 68 80 43 53 30 66 26 40 35 15 97 21 84 32 95
77 41]
round 52, starting client 1/50, id: 50
round 52, starting client 2/50, id: 91
round 52, starting client 3/50, id: 13
round 52, starting client 4/50, id: 25
round 52, starting client 5/50, id: 9
round 52, starting client 6/50, id: 92
round 52, starting client 7/50, id: 85

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round 52, starting client 8/50, id: 89
round 52, starting client 9/50, id: 62
round 52, starting client 10/50, id: 36
round 52, starting client 11/50, id: 10
round 52, starting client 12/50, id: 93
round 52, starting client 13/50, id: 64
round 52, starting client 14/50, id: 17
round 52, starting client 15/50, id: 57
round 52, starting client 16/50, id: 61
round 52, starting client 17/50, id: 12
round 52, starting client 18/50, id: 22
round 52, starting client 19/50, id: 73
round 52, starting client 20/50, id: 6
round 52, starting client 21/50, id: 76
round 52, starting client 22/50, id: 67
round 52, starting client 23/50, id: 81
round 52, starting client 24/50, id: 75
round 52, starting client 25/50, id: 86
round 52, starting client 26/50, id: 3
round 52, starting client 27/50, id: 37
round 52, starting client 28/50, id: 60
round 52, starting client 29/50, id: 99
round 52, starting client 30/50, id: 52
round 52, starting client 31/50, id: 11
round 52, starting client 32/50, id: 1
round 52, starting client 33/50, id: 94
round 52, starting client 34/50, id: 68
round 52, starting client 35/50, id: 80
round 52, starting client 36/50, id: 43
round 52, starting client 37/50, id: 53
round 52, starting client 38/50, id: 30
round 52, starting client 39/50, id: 66
round 52, starting client 40/50, id: 26
round 52, starting client 41/50, id: 40
round 52, starting client 42/50, id: 35
round 52, starting client 43/50, id: 15
round 52, starting client 44/50, id: 97
round 52, starting client 45/50, id: 21
round 52, starting client 46/50, id: 84
round 52, starting client 47/50, id: 32
round 52, starting client 48/50, id: 95
round 52, starting client 49/50, id: 77
round 52, starting client 50/50, id: 41
round 52, validation acc: 0.9343
starting round 53
clients: [41 37 13 75 52 31 25 1 98 51 97 48 39 55 0 70 26 56 27 61 72 7 86
93
69 65 20 53 44 81 22 74 78 45 50 71 90 60 34 15 66 80 84 18 3 30 6 24

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99 32]

round 53, starting client 1/50, id: 41
round 53, starting client 2/50, id: 37
round 53, starting client 3/50, id: 13
round 53, starting client 4/50, id: 75
round 53, starting client 5/50, id: 52
round 53, starting client 6/50, id: 31
round 53, starting client 7/50, id: 25
round 53, starting client 8/50, id: 1
round 53, starting client 9/50, id: 98
round 53, starting client 10/50, id: 51
round 53, starting client 11/50, id: 97
round 53, starting client 12/50, id: 48
round 53, starting client 13/50, id: 39
round 53, starting client 14/50, id: 55
round 53, starting client 15/50, id: 0
round 53, starting client 16/50, id: 70
round 53, starting client 17/50, id: 26
round 53, starting client 18/50, id: 56
round 53, starting client 19/50, id: 27
round 53, starting client 20/50, id: 61
round 53, starting client 21/50, id: 72
round 53, starting client 22/50, id: 7
round 53, starting client 23/50, id: 86
round 53, starting client 24/50, id: 93
round 53, starting client 25/50, id: 69
round 53, starting client 26/50, id: 65
round 53, starting client 27/50, id: 20
round 53, starting client 28/50, id: 53
round 53, starting client 29/50, id: 44
round 53, starting client 30/50, id: 81
round 53, starting client 31/50, id: 22
round 53, starting client 32/50, id: 74
round 53, starting client 33/50, id: 78
round 53, starting client 34/50, id: 45
round 53, starting client 35/50, id: 50
round 53, starting client 36/50, id: 71
round 53, starting client 37/50, id: 90
round 53, starting client 38/50, id: 60
round 53, starting client 39/50, id: 34
round 53, starting client 40/50, id: 15
round 53, starting client 41/50, id: 66
round 53, starting client 42/50, id: 80
round 53, starting client 43/50, id: 84
round 53, starting client 44/50, id: 18
round 53, starting client 45/50, id: 3
round 53, starting client 46/50, id: 30
round 53, starting client 47/50, id: 6

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round 53, starting client 48/50, id: 24
round 53, starting client 49/50, id: 99
round 53, starting client 50/50, id: 32
round 53, validation acc: 0.9358
starting round 54
clients: [52 92 87 25 53 44 50 75 15 91 43 80 38 1 19 61 77 40 79 12 66 24 33
0
82 72 56 46 39 9 17 74 30 3 51 35 54 49 26 41 62 10 70 28 89 73 16 20
55 31]
round 54, starting client 1/50, id: 52
round 54, starting client 2/50, id: 92
round 54, starting client 3/50, id: 87
round 54, starting client 4/50, id: 25
round 54, starting client 5/50, id: 53
round 54, starting client 6/50, id: 44
round 54, starting client 7/50, id: 50
round 54, starting client 8/50, id: 75
round 54, starting client 9/50, id: 15
round 54, starting client 10/50, id: 91
round 54, starting client 11/50, id: 43
round 54, starting client 12/50, id: 80
round 54, starting client 13/50, id: 38
round 54, starting client 14/50, id: 1
round 54, starting client 15/50, id: 19
round 54, starting client 16/50, id: 61
round 54, starting client 17/50, id: 77
round 54, starting client 18/50, id: 40
round 54, starting client 19/50, id: 79
round 54, starting client 20/50, id: 12
round 54, starting client 21/50, id: 66
round 54, starting client 22/50, id: 24
round 54, starting client 23/50, id: 33
round 54, starting client 24/50, id: 0
round 54, starting client 25/50, id: 82
round 54, starting client 26/50, id: 72
round 54, starting client 27/50, id: 56
round 54, starting client 28/50, id: 46
round 54, starting client 29/50, id: 39
round 54, starting client 30/50, id: 9
round 54, starting client 31/50, id: 17
round 54, starting client 32/50, id: 74
round 54, starting client 33/50, id: 30
round 54, starting client 34/50, id: 3
round 54, starting client 35/50, id: 51
round 54, starting client 36/50, id: 35
round 54, starting client 37/50, id: 54
round 54, starting client 38/50, id: 49
round 54, starting client 39/50, id: 26

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round 54, starting client 40/50, id: 41
round 54, starting client 41/50, id: 62
round 54, starting client 42/50, id: 10
round 54, starting client 43/50, id: 70
round 54, starting client 44/50, id: 28
round 54, starting client 45/50, id: 89
round 54, starting client 46/50, id: 73
round 54, starting client 47/50, id: 16
round 54, starting client 48/50, id: 20
round 54, starting client 49/50, id: 55
round 54, starting client 50/50, id: 31
round 54, validation acc: 0.9374
starting round 55
clients: [25  0 33 64 48 85 78 19 15 80  1 49 20  9  6 38 61 74 32 75 35 83 28
68
16 58 21 22 57 98 27  4 34 11 87 93 54 96 31 76 18 44 39 90 10 63 71 72
8 53]
round 55, starting client 1/50, id: 25
round 55, starting client 2/50, id: 0
round 55, starting client 3/50, id: 33
round 55, starting client 4/50, id: 64
round 55, starting client 5/50, id: 48
round 55, starting client 6/50, id: 85
round 55, starting client 7/50, id: 78
round 55, starting client 8/50, id: 19
round 55, starting client 9/50, id: 15
round 55, starting client 10/50, id: 80
round 55, starting client 11/50, id: 1
round 55, starting client 12/50, id: 49
round 55, starting client 13/50, id: 20
round 55, starting client 14/50, id: 9
round 55, starting client 15/50, id: 6
round 55, starting client 16/50, id: 38
round 55, starting client 17/50, id: 61
round 55, starting client 18/50, id: 74
round 55, starting client 19/50, id: 32
round 55, starting client 20/50, id: 75
round 55, starting client 21/50, id: 35
round 55, starting client 22/50, id: 83
round 55, starting client 23/50, id: 28
round 55, starting client 24/50, id: 68
round 55, starting client 25/50, id: 16
round 55, starting client 26/50, id: 58
round 55, starting client 27/50, id: 21
round 55, starting client 28/50, id: 22
round 55, starting client 29/50, id: 57
round 55, starting client 30/50, id: 98
round 55, starting client 31/50, id: 27

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round 55, starting client 32/50, id: 4
round 55, starting client 33/50, id: 34
round 55, starting client 34/50, id: 11
round 55, starting client 35/50, id: 87
round 55, starting client 36/50, id: 93
round 55, starting client 37/50, id: 54
round 55, starting client 38/50, id: 96
round 55, starting client 39/50, id: 31
round 55, starting client 40/50, id: 76
round 55, starting client 41/50, id: 18
round 55, starting client 42/50, id: 44
round 55, starting client 43/50, id: 39
round 55, starting client 44/50, id: 90
round 55, starting client 45/50, id: 10
round 55, starting client 46/50, id: 63
round 55, starting client 47/50, id: 71
round 55, starting client 48/50, id: 72
round 55, starting client 49/50, id: 8
round 55, starting client 50/50, id: 53
round 55, validation acc: 0.938
starting round 56
clients: [69 40 23 60 91 82 13 53 38 98 48 83 5 8 88 2 36 75 15 11 97 25 28
96
71 51 0 55 9 30 47 76 95 14 31 74 90 39 78 85 20 70 35 63 12 26 57 21
81 43]
round 56, starting client 1/50, id: 69
round 56, starting client 2/50, id: 40
round 56, starting client 3/50, id: 23
round 56, starting client 4/50, id: 60
round 56, starting client 5/50, id: 91
round 56, starting client 6/50, id: 82
round 56, starting client 7/50, id: 13
round 56, starting client 8/50, id: 53
round 56, starting client 9/50, id: 38
round 56, starting client 10/50, id: 98
round 56, starting client 11/50, id: 48
round 56, starting client 12/50, id: 83
round 56, starting client 13/50, id: 5
round 56, starting client 14/50, id: 8
round 56, starting client 15/50, id: 88
round 56, starting client 16/50, id: 2
round 56, starting client 17/50, id: 36
round 56, starting client 18/50, id: 75
round 56, starting client 19/50, id: 15
round 56, starting client 20/50, id: 11
round 56, starting client 21/50, id: 97
round 56, starting client 22/50, id: 25
round 56, starting client 23/50, id: 28

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round 56, starting client 24/50, id: 96
round 56, starting client 25/50, id: 71
round 56, starting client 26/50, id: 51
round 56, starting client 27/50, id: 0
round 56, starting client 28/50, id: 55
round 56, starting client 29/50, id: 9
round 56, starting client 30/50, id: 30
round 56, starting client 31/50, id: 47
round 56, starting client 32/50, id: 76
round 56, starting client 33/50, id: 95
round 56, starting client 34/50, id: 14
round 56, starting client 35/50, id: 31
round 56, starting client 36/50, id: 74
round 56, starting client 37/50, id: 90
round 56, starting client 38/50, id: 39
round 56, starting client 39/50, id: 78
round 56, starting client 40/50, id: 85
round 56, starting client 41/50, id: 20
round 56, starting client 42/50, id: 70
round 56, starting client 43/50, id: 35
round 56, starting client 44/50, id: 63
round 56, starting client 45/50, id: 12
round 56, starting client 46/50, id: 26
round 56, starting client 47/50, id: 57
round 56, starting client 48/50, id: 21
round 56, starting client 49/50, id: 81
round 56, starting client 50/50, id: 43
round 56, validation acc: 0.9405
starting round 57
clients: [95 18 17 28 0 87 62 69 48 96 66 16 77 89 60 55 10 8 21 49 99 57 71
79
40 41 51 15 31 70 59 33 11 9 76 6 90 7 83 88 52 13 75 42 58 14 19 56
1 73]
round 57, starting client 1/50, id: 95
round 57, starting client 2/50, id: 18
round 57, starting client 3/50, id: 17
round 57, starting client 4/50, id: 28
round 57, starting client 5/50, id: 0
round 57, starting client 6/50, id: 87
round 57, starting client 7/50, id: 62
round 57, starting client 8/50, id: 69
round 57, starting client 9/50, id: 48
round 57, starting client 10/50, id: 96
round 57, starting client 11/50, id: 66
round 57, starting client 12/50, id: 16
round 57, starting client 13/50, id: 77
round 57, starting client 14/50, id: 89
round 57, starting client 15/50, id: 60

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round 57, starting client 16/50, id: 55
round 57, starting client 17/50, id: 10
round 57, starting client 18/50, id: 8
round 57, starting client 19/50, id: 21
round 57, starting client 20/50, id: 49
round 57, starting client 21/50, id: 99
round 57, starting client 22/50, id: 57
round 57, starting client 23/50, id: 71
round 57, starting client 24/50, id: 79
round 57, starting client 25/50, id: 40
round 57, starting client 26/50, id: 41
round 57, starting client 27/50, id: 51
round 57, starting client 28/50, id: 15
round 57, starting client 29/50, id: 31
round 57, starting client 30/50, id: 70
round 57, starting client 31/50, id: 59
round 57, starting client 32/50, id: 33
round 57, starting client 33/50, id: 11
round 57, starting client 34/50, id: 9
round 57, starting client 35/50, id: 76
round 57, starting client 36/50, id: 6
round 57, starting client 37/50, id: 90
round 57, starting client 38/50, id: 7
round 57, starting client 39/50, id: 83
round 57, starting client 40/50, id: 88
round 57, starting client 41/50, id: 52
round 57, starting client 42/50, id: 13
round 57, starting client 43/50, id: 75
round 57, starting client 44/50, id: 42
round 57, starting client 45/50, id: 58
round 57, starting client 46/50, id: 14
round 57, starting client 47/50, id: 19
round 57, starting client 48/50, id: 56
round 57, starting client 49/50, id: 1
round 57, starting client 50/50, id: 73
round 57, validation acc: 0.938
starting round 58
clients: [31 65 62 32 10 9 26 24 89 25 80 97 37 23 61 76 86 53 71 44 22 8 47
49
60 92 5 72 55 34 67 57 91 35 64 88 87 48 69 0 36 18 45 38 98 58 84 17
94 99]
round 58, starting client 1/50, id: 31
round 58, starting client 2/50, id: 65
round 58, starting client 3/50, id: 62
round 58, starting client 4/50, id: 32
round 58, starting client 5/50, id: 10
round 58, starting client 6/50, id: 9
round 58, starting client 7/50, id: 26

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round 58, starting client 8/50, id: 24
round 58, starting client 9/50, id: 89
round 58, starting client 10/50, id: 25
round 58, starting client 11/50, id: 80
round 58, starting client 12/50, id: 97
round 58, starting client 13/50, id: 37
round 58, starting client 14/50, id: 23
round 58, starting client 15/50, id: 61
round 58, starting client 16/50, id: 76
round 58, starting client 17/50, id: 86
round 58, starting client 18/50, id: 53
round 58, starting client 19/50, id: 71
round 58, starting client 20/50, id: 44
round 58, starting client 21/50, id: 22
round 58, starting client 22/50, id: 8
round 58, starting client 23/50, id: 47
round 58, starting client 24/50, id: 49
round 58, starting client 25/50, id: 60
round 58, starting client 26/50, id: 92
round 58, starting client 27/50, id: 5
round 58, starting client 28/50, id: 72
round 58, starting client 29/50, id: 55
round 58, starting client 30/50, id: 34
round 58, starting client 31/50, id: 67
round 58, starting client 32/50, id: 57
round 58, starting client 33/50, id: 91
round 58, starting client 34/50, id: 35
round 58, starting client 35/50, id: 64
round 58, starting client 36/50, id: 88
round 58, starting client 37/50, id: 87
round 58, starting client 38/50, id: 48
round 58, starting client 39/50, id: 69
round 58, starting client 40/50, id: 0
round 58, starting client 41/50, id: 36
round 58, starting client 42/50, id: 18
round 58, starting client 43/50, id: 45
round 58, starting client 44/50, id: 38
round 58, starting client 45/50, id: 98
round 58, starting client 46/50, id: 58
round 58, starting client 47/50, id: 84
round 58, starting client 48/50, id: 17
round 58, starting client 49/50, id: 94
round 58, starting client 50/50, id: 99
round 58, validation acc: 0.9425
starting round 59
clients: [87 32 52 76 72 82 55 44 36 67 60 74 28 15 21 79 38 1 92 4 71 81 43
40
90 23 70 66 84 69 64 24 41 5 93 19 30 89 12 97 88 65 37 54 20 59 91 26

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45 58]

round 59, starting client 1/50, id: 87
round 59, starting client 2/50, id: 32
round 59, starting client 3/50, id: 52
round 59, starting client 4/50, id: 76
round 59, starting client 5/50, id: 72
round 59, starting client 6/50, id: 82
round 59, starting client 7/50, id: 55
round 59, starting client 8/50, id: 44
round 59, starting client 9/50, id: 36
round 59, starting client 10/50, id: 67
round 59, starting client 11/50, id: 60
round 59, starting client 12/50, id: 74
round 59, starting client 13/50, id: 28
round 59, starting client 14/50, id: 15
round 59, starting client 15/50, id: 21
round 59, starting client 16/50, id: 79
round 59, starting client 17/50, id: 38
round 59, starting client 18/50, id: 1
round 59, starting client 19/50, id: 92
round 59, starting client 20/50, id: 4
round 59, starting client 21/50, id: 71
round 59, starting client 22/50, id: 81
round 59, starting client 23/50, id: 43
round 59, starting client 24/50, id: 40
round 59, starting client 25/50, id: 90
round 59, starting client 26/50, id: 23
round 59, starting client 27/50, id: 70
round 59, starting client 28/50, id: 66
round 59, starting client 29/50, id: 84
round 59, starting client 30/50, id: 69
round 59, starting client 31/50, id: 64
round 59, starting client 32/50, id: 24
round 59, starting client 33/50, id: 41
round 59, starting client 34/50, id: 5
round 59, starting client 35/50, id: 93
round 59, starting client 36/50, id: 19
round 59, starting client 37/50, id: 30
round 59, starting client 38/50, id: 89
round 59, starting client 39/50, id: 12
round 59, starting client 40/50, id: 97
round 59, starting client 41/50, id: 88
round 59, starting client 42/50, id: 65
round 59, starting client 43/50, id: 37
round 59, starting client 44/50, id: 54
round 59, starting client 45/50, id: 20
round 59, starting client 46/50, id: 59
round 59, starting client 47/50, id: 91

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round 59, starting client 48/50, id: 26
round 59, starting client 49/50, id: 45
round 59, starting client 50/50, id: 58
round 59, validation acc: 0.9392
starting round 60
clients: [15  2 85 80 22 84 58 55 39  9 46 26 75 12  5 30 76 68 95 50 78 27 47
32
82 92 77  0 57 87 52 91 83 69 86 63 94 11 60  6 99 48 59  1 33 72 17 29
42 38]
round 60, starting client 1/50, id: 15
round 60, starting client 2/50, id: 2
round 60, starting client 3/50, id: 85
round 60, starting client 4/50, id: 80
round 60, starting client 5/50, id: 22
round 60, starting client 6/50, id: 84
round 60, starting client 7/50, id: 58
round 60, starting client 8/50, id: 55
round 60, starting client 9/50, id: 39
round 60, starting client 10/50, id: 9
round 60, starting client 11/50, id: 46
round 60, starting client 12/50, id: 26
round 60, starting client 13/50, id: 75
round 60, starting client 14/50, id: 12
round 60, starting client 15/50, id: 5
round 60, starting client 16/50, id: 30
round 60, starting client 17/50, id: 76
round 60, starting client 18/50, id: 68
round 60, starting client 19/50, id: 95
round 60, starting client 20/50, id: 50
round 60, starting client 21/50, id: 78
round 60, starting client 22/50, id: 27
round 60, starting client 23/50, id: 47
round 60, starting client 24/50, id: 32
round 60, starting client 25/50, id: 82
round 60, starting client 26/50, id: 92
round 60, starting client 27/50, id: 77
round 60, starting client 28/50, id: 0
round 60, starting client 29/50, id: 57
round 60, starting client 30/50, id: 87
round 60, starting client 31/50, id: 52
round 60, starting client 32/50, id: 91
round 60, starting client 33/50, id: 83
round 60, starting client 34/50, id: 69
round 60, starting client 35/50, id: 86
round 60, starting client 36/50, id: 63
round 60, starting client 37/50, id: 94
round 60, starting client 38/50, id: 11
round 60, starting client 39/50, id: 60

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round 60, starting client 40/50, id: 6
round 60, starting client 41/50, id: 99
round 60, starting client 42/50, id: 48
round 60, starting client 43/50, id: 59
round 60, starting client 44/50, id: 1
round 60, starting client 45/50, id: 33
round 60, starting client 46/50, id: 72
round 60, starting client 47/50, id: 17
round 60, starting client 48/50, id: 29
round 60, starting client 49/50, id: 42
round 60, starting client 50/50, id: 38
round 60, validation acc: 0.9413
starting round 61
clients: [50 41 30 90 43 81 98 57 51 56 93 63 94 59 13 95 0 20 62 54 74 39 8
1
91 32 49 48 82 61 19 45 79 77 14 21 65 78 84 64 7 9 2 35 25 83 86 29
44 97]
round 61, starting client 1/50, id: 50
round 61, starting client 2/50, id: 41
round 61, starting client 3/50, id: 30
round 61, starting client 4/50, id: 90
round 61, starting client 5/50, id: 43
round 61, starting client 6/50, id: 81
round 61, starting client 7/50, id: 98
round 61, starting client 8/50, id: 57
round 61, starting client 9/50, id: 51
round 61, starting client 10/50, id: 56
round 61, starting client 11/50, id: 93
round 61, starting client 12/50, id: 63
round 61, starting client 13/50, id: 94
round 61, starting client 14/50, id: 59
round 61, starting client 15/50, id: 13
round 61, starting client 16/50, id: 95
round 61, starting client 17/50, id: 0
round 61, starting client 18/50, id: 20
round 61, starting client 19/50, id: 62
round 61, starting client 20/50, id: 54
round 61, starting client 21/50, id: 74
round 61, starting client 22/50, id: 39
round 61, starting client 23/50, id: 8
round 61, starting client 24/50, id: 1
round 61, starting client 25/50, id: 91
round 61, starting client 26/50, id: 32
round 61, starting client 27/50, id: 49
round 61, starting client 28/50, id: 48
round 61, starting client 29/50, id: 82
round 61, starting client 30/50, id: 61
round 61, starting client 31/50, id: 19

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round 61, starting client 32/50, id: 45
round 61, starting client 33/50, id: 79
round 61, starting client 34/50, id: 77
round 61, starting client 35/50, id: 14
round 61, starting client 36/50, id: 21
round 61, starting client 37/50, id: 65
round 61, starting client 38/50, id: 78
round 61, starting client 39/50, id: 84
round 61, starting client 40/50, id: 64
round 61, starting client 41/50, id: 7
round 61, starting client 42/50, id: 9
round 61, starting client 43/50, id: 2
round 61, starting client 44/50, id: 35
round 61, starting client 45/50, id: 25
round 61, starting client 46/50, id: 83
round 61, starting client 47/50, id: 86
round 61, starting client 48/50, id: 29
round 61, starting client 49/50, id: 44
round 61, starting client 50/50, id: 97
round 61, validation acc: 0.9436
starting round 62
clients: [21 51 96 94 8 65 34 26 4 27 33 18 93 32 84 70 59 72 50 55 42 83 97
62
37 53 95 15 56 79 60 46 67 88 12 14 7 49 76 87 13 57 6 52 2 92 89 63
1 75]
round 62, starting client 1/50, id: 21
round 62, starting client 2/50, id: 51
round 62, starting client 3/50, id: 96
round 62, starting client 4/50, id: 94
round 62, starting client 5/50, id: 8
round 62, starting client 6/50, id: 65
round 62, starting client 7/50, id: 34
round 62, starting client 8/50, id: 26
round 62, starting client 9/50, id: 4
round 62, starting client 10/50, id: 27
round 62, starting client 11/50, id: 33
round 62, starting client 12/50, id: 18
round 62, starting client 13/50, id: 93
round 62, starting client 14/50, id: 32
round 62, starting client 15/50, id: 84
round 62, starting client 16/50, id: 70
round 62, starting client 17/50, id: 59
round 62, starting client 18/50, id: 72
round 62, starting client 19/50, id: 50
round 62, starting client 20/50, id: 55
round 62, starting client 21/50, id: 42
round 62, starting client 22/50, id: 83
round 62, starting client 23/50, id: 97

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round 62, starting client 24/50, id: 62
round 62, starting client 25/50, id: 37
round 62, starting client 26/50, id: 53
round 62, starting client 27/50, id: 95
round 62, starting client 28/50, id: 15
round 62, starting client 29/50, id: 56
round 62, starting client 30/50, id: 79
round 62, starting client 31/50, id: 60
round 62, starting client 32/50, id: 46
round 62, starting client 33/50, id: 67
round 62, starting client 34/50, id: 88
round 62, starting client 35/50, id: 12
round 62, starting client 36/50, id: 14
round 62, starting client 37/50, id: 7
round 62, starting client 38/50, id: 49
round 62, starting client 39/50, id: 76
round 62, starting client 40/50, id: 87
round 62, starting client 41/50, id: 13
round 62, starting client 42/50, id: 57
round 62, starting client 43/50, id: 6
round 62, starting client 44/50, id: 52
round 62, starting client 45/50, id: 2
round 62, starting client 46/50, id: 92
round 62, starting client 47/50, id: 89
round 62, starting client 48/50, id: 63
round 62, starting client 49/50, id: 1
round 62, starting client 50/50, id: 75
round 62, validation acc: 0.9399
starting round 63
clients: [58 31 19 34 40 21 24 65 69 80 76 23 28 33 96 62 90 53 85 93 77 82 61
46
32 13 68 43 51 9 0 75 22 41 17 1 50 37 11 71 38 3 12 29 67 56 5 95
64 84]
round 63, starting client 1/50, id: 58
round 63, starting client 2/50, id: 31
round 63, starting client 3/50, id: 19
round 63, starting client 4/50, id: 34
round 63, starting client 5/50, id: 40
round 63, starting client 6/50, id: 21
round 63, starting client 7/50, id: 24
round 63, starting client 8/50, id: 65
round 63, starting client 9/50, id: 69
round 63, starting client 10/50, id: 80
round 63, starting client 11/50, id: 76
round 63, starting client 12/50, id: 23
round 63, starting client 13/50, id: 28
round 63, starting client 14/50, id: 33
round 63, starting client 15/50, id: 96

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round 63, starting client 16/50, id: 62
round 63, starting client 17/50, id: 90
round 63, starting client 18/50, id: 53
round 63, starting client 19/50, id: 85
round 63, starting client 20/50, id: 93
round 63, starting client 21/50, id: 77
round 63, starting client 22/50, id: 82
round 63, starting client 23/50, id: 61
round 63, starting client 24/50, id: 46
round 63, starting client 25/50, id: 32
round 63, starting client 26/50, id: 13
round 63, starting client 27/50, id: 68
round 63, starting client 28/50, id: 43
round 63, starting client 29/50, id: 51
round 63, starting client 30/50, id: 9
round 63, starting client 31/50, id: 0
round 63, starting client 32/50, id: 75
round 63, starting client 33/50, id: 22
round 63, starting client 34/50, id: 41
round 63, starting client 35/50, id: 17
round 63, starting client 36/50, id: 1
round 63, starting client 37/50, id: 50
round 63, starting client 38/50, id: 37
round 63, starting client 39/50, id: 11
round 63, starting client 40/50, id: 71
round 63, starting client 41/50, id: 38
round 63, starting client 42/50, id: 3
round 63, starting client 43/50, id: 12
round 63, starting client 44/50, id: 29
round 63, starting client 45/50, id: 67
round 63, starting client 46/50, id: 56
round 63, starting client 47/50, id: 5
round 63, starting client 48/50, id: 95
round 63, starting client 49/50, id: 64
round 63, starting client 50/50, id: 84
round 63, validation acc: 0.9417
starting round 64
clients: [97 51 27 21 53 13 42 29 82 8 70 90 98 25 89 78 6 9 57 47 77 26 40
7
24 55 19 45 33 67 63 99 11 86 48 28 88 44 32 65 46 43 30 22 56 4 69 71
10 20]
round 64, starting client 1/50, id: 97
round 64, starting client 2/50, id: 51
round 64, starting client 3/50, id: 27
round 64, starting client 4/50, id: 21
round 64, starting client 5/50, id: 53
round 64, starting client 6/50, id: 13
round 64, starting client 7/50, id: 42

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round 64, starting client 8/50, id: 29
round 64, starting client 9/50, id: 82
round 64, starting client 10/50, id: 8
round 64, starting client 11/50, id: 70
round 64, starting client 12/50, id: 90
round 64, starting client 13/50, id: 98
round 64, starting client 14/50, id: 25
round 64, starting client 15/50, id: 89
round 64, starting client 16/50, id: 78
round 64, starting client 17/50, id: 6
round 64, starting client 18/50, id: 9
round 64, starting client 19/50, id: 57
round 64, starting client 20/50, id: 47
round 64, starting client 21/50, id: 77
round 64, starting client 22/50, id: 26
round 64, starting client 23/50, id: 40
round 64, starting client 24/50, id: 7
round 64, starting client 25/50, id: 24
round 64, starting client 26/50, id: 55
round 64, starting client 27/50, id: 19
round 64, starting client 28/50, id: 45
round 64, starting client 29/50, id: 33
round 64, starting client 30/50, id: 67
round 64, starting client 31/50, id: 63
round 64, starting client 32/50, id: 99
round 64, starting client 33/50, id: 11
round 64, starting client 34/50, id: 86
round 64, starting client 35/50, id: 48
round 64, starting client 36/50, id: 28
round 64, starting client 37/50, id: 88
round 64, starting client 38/50, id: 44
round 64, starting client 39/50, id: 32
round 64, starting client 40/50, id: 65
round 64, starting client 41/50, id: 46
round 64, starting client 42/50, id: 43
round 64, starting client 43/50, id: 30
round 64, starting client 44/50, id: 22
round 64, starting client 45/50, id: 56
round 64, starting client 46/50, id: 4
round 64, starting client 47/50, id: 69
round 64, starting client 48/50, id: 71
round 64, starting client 49/50, id: 10
round 64, starting client 50/50, id: 20
round 64, validation acc: 0.9431
starting round 65
clients: [20 48 75 76 51 79 91 32 16 45 70 85 41 92 49 25 56 94 3 73 7 21 44
4
46 63 89 29 9 27 74 28 68 66 50 61 15 31 53 35 67 0 37 90 11 84 99 42

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43 24]

round 65, starting client 1/50, id: 20
round 65, starting client 2/50, id: 48
round 65, starting client 3/50, id: 75
round 65, starting client 4/50, id: 76
round 65, starting client 5/50, id: 51
round 65, starting client 6/50, id: 79
round 65, starting client 7/50, id: 91
round 65, starting client 8/50, id: 32
round 65, starting client 9/50, id: 16
round 65, starting client 10/50, id: 45
round 65, starting client 11/50, id: 70
round 65, starting client 12/50, id: 85
round 65, starting client 13/50, id: 41
round 65, starting client 14/50, id: 92
round 65, starting client 15/50, id: 49
round 65, starting client 16/50, id: 25
round 65, starting client 17/50, id: 56
round 65, starting client 18/50, id: 94
round 65, starting client 19/50, id: 3
round 65, starting client 20/50, id: 73
round 65, starting client 21/50, id: 7
round 65, starting client 22/50, id: 21
round 65, starting client 23/50, id: 44
round 65, starting client 24/50, id: 4
round 65, starting client 25/50, id: 46
round 65, starting client 26/50, id: 63
round 65, starting client 27/50, id: 89
round 65, starting client 28/50, id: 29
round 65, starting client 29/50, id: 9
round 65, starting client 30/50, id: 27
round 65, starting client 31/50, id: 74
round 65, starting client 32/50, id: 28
round 65, starting client 33/50, id: 68
round 65, starting client 34/50, id: 66
round 65, starting client 35/50, id: 50
round 65, starting client 36/50, id: 61
round 65, starting client 37/50, id: 15
round 65, starting client 38/50, id: 31
round 65, starting client 39/50, id: 53
round 65, starting client 40/50, id: 35
round 65, starting client 41/50, id: 67
round 65, starting client 42/50, id: 0
round 65, starting client 43/50, id: 37
round 65, starting client 44/50, id: 90
round 65, starting client 45/50, id: 11
round 65, starting client 46/50, id: 84
round 65, starting client 47/50, id: 99

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round 65, starting client 48/50, id: 42
round 65, starting client 49/50, id: 43
round 65, starting client 50/50, id: 24
round 65, validation acc: 0.9435
starting round 66
clients: [54 26 52 71 8 94 85 62 38 10 30 90 36 77 15 60 88 25 78 83 12 31 82
75
81 22 7 24 46 67 58 99 69 34 84 48 33 19 86 80 40 66 17 27 73 6 32 49
3 20]
round 66, starting client 1/50, id: 54
round 66, starting client 2/50, id: 26
round 66, starting client 3/50, id: 52
round 66, starting client 4/50, id: 71
round 66, starting client 5/50, id: 8
round 66, starting client 6/50, id: 94
round 66, starting client 7/50, id: 85
round 66, starting client 8/50, id: 62
round 66, starting client 9/50, id: 38
round 66, starting client 10/50, id: 10
round 66, starting client 11/50, id: 30
round 66, starting client 12/50, id: 90
round 66, starting client 13/50, id: 36
round 66, starting client 14/50, id: 77
round 66, starting client 15/50, id: 15
round 66, starting client 16/50, id: 60
round 66, starting client 17/50, id: 88
round 66, starting client 18/50, id: 25
round 66, starting client 19/50, id: 78
round 66, starting client 20/50, id: 83
round 66, starting client 21/50, id: 12
round 66, starting client 22/50, id: 31
round 66, starting client 23/50, id: 82
round 66, starting client 24/50, id: 75
round 66, starting client 25/50, id: 81
round 66, starting client 26/50, id: 22
round 66, starting client 27/50, id: 7
round 66, starting client 28/50, id: 24
round 66, starting client 29/50, id: 46
round 66, starting client 30/50, id: 67
round 66, starting client 31/50, id: 58
round 66, starting client 32/50, id: 99
round 66, starting client 33/50, id: 69
round 66, starting client 34/50, id: 34
round 66, starting client 35/50, id: 84
round 66, starting client 36/50, id: 48
round 66, starting client 37/50, id: 33
round 66, starting client 38/50, id: 19
round 66, starting client 39/50, id: 86

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round 66, starting client 40/50, id: 80
round 66, starting client 41/50, id: 40
round 66, starting client 42/50, id: 66
round 66, starting client 43/50, id: 17
round 66, starting client 44/50, id: 27
round 66, starting client 45/50, id: 73
round 66, starting client 46/50, id: 6
round 66, starting client 47/50, id: 32
round 66, starting client 48/50, id: 49
round 66, starting client 49/50, id: 3
round 66, starting client 50/50, id: 20
round 66, validation acc: 0.9451
starting round 67
clients: [43 76 42 0 52 27 72 22 54 60 39 68 46 95 25 14 65 23 4 92 77 82 29
30
80 44 98 88 49 12 41 67 47 99 86 31 57 1 51 90 62 75 16 26 5 79 59 38
2 73]
round 67, starting client 1/50, id: 43
round 67, starting client 2/50, id: 76
round 67, starting client 3/50, id: 42
round 67, starting client 4/50, id: 0
round 67, starting client 5/50, id: 52
round 67, starting client 6/50, id: 27
round 67, starting client 7/50, id: 72
round 67, starting client 8/50, id: 22
round 67, starting client 9/50, id: 54
round 67, starting client 10/50, id: 60
round 67, starting client 11/50, id: 39
round 67, starting client 12/50, id: 68
round 67, starting client 13/50, id: 46
round 67, starting client 14/50, id: 95
round 67, starting client 15/50, id: 25
round 67, starting client 16/50, id: 14
round 67, starting client 17/50, id: 65
round 67, starting client 18/50, id: 23
round 67, starting client 19/50, id: 4
round 67, starting client 20/50, id: 92
round 67, starting client 21/50, id: 77
round 67, starting client 22/50, id: 82
round 67, starting client 23/50, id: 29
round 67, starting client 24/50, id: 30
round 67, starting client 25/50, id: 80
round 67, starting client 26/50, id: 44
round 67, starting client 27/50, id: 98
round 67, starting client 28/50, id: 88
round 67, starting client 29/50, id: 49
round 67, starting client 30/50, id: 12
round 67, starting client 31/50, id: 41

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round 67, starting client 32/50, id: 67
round 67, starting client 33/50, id: 47
round 67, starting client 34/50, id: 99
round 67, starting client 35/50, id: 86
round 67, starting client 36/50, id: 31
round 67, starting client 37/50, id: 57
round 67, starting client 38/50, id: 1
round 67, starting client 39/50, id: 51
round 67, starting client 40/50, id: 90
round 67, starting client 41/50, id: 62
round 67, starting client 42/50, id: 75
round 67, starting client 43/50, id: 16
round 67, starting client 44/50, id: 26
round 67, starting client 45/50, id: 5
round 67, starting client 46/50, id: 79
round 67, starting client 47/50, id: 59
round 67, starting client 48/50, id: 38
round 67, starting client 49/50, id: 2
round 67, starting client 50/50, id: 73
round 67, validation acc: 0.947
starting round 68
clients: [43 49 12 55 61 79 21 62 1 68 81 15 59 57 82 88 20 35 4 54 25 50 89
87
85 96 40 78 99 74 77 80 37 47 91 45 5 9 75 14 33 53 16 98 69 0 84 97
51 58]
round 68, starting client 1/50, id: 43
round 68, starting client 2/50, id: 49
round 68, starting client 3/50, id: 12
round 68, starting client 4/50, id: 55
round 68, starting client 5/50, id: 61
round 68, starting client 6/50, id: 79
round 68, starting client 7/50, id: 21
round 68, starting client 8/50, id: 62
round 68, starting client 9/50, id: 1
round 68, starting client 10/50, id: 68
round 68, starting client 11/50, id: 81
round 68, starting client 12/50, id: 15
round 68, starting client 13/50, id: 59
round 68, starting client 14/50, id: 57
round 68, starting client 15/50, id: 82
round 68, starting client 16/50, id: 88
round 68, starting client 17/50, id: 20
round 68, starting client 18/50, id: 35
round 68, starting client 19/50, id: 4
round 68, starting client 20/50, id: 54
round 68, starting client 21/50, id: 25
round 68, starting client 22/50, id: 50
round 68, starting client 23/50, id: 89

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round 68, starting client 24/50, id: 87
round 68, starting client 25/50, id: 85
round 68, starting client 26/50, id: 96
round 68, starting client 27/50, id: 40
round 68, starting client 28/50, id: 78
round 68, starting client 29/50, id: 99
round 68, starting client 30/50, id: 74
round 68, starting client 31/50, id: 77
round 68, starting client 32/50, id: 80
round 68, starting client 33/50, id: 37
round 68, starting client 34/50, id: 47
round 68, starting client 35/50, id: 91
round 68, starting client 36/50, id: 45
round 68, starting client 37/50, id: 5
round 68, starting client 38/50, id: 9
round 68, starting client 39/50, id: 75
round 68, starting client 40/50, id: 14
round 68, starting client 41/50, id: 33
round 68, starting client 42/50, id: 53
round 68, starting client 43/50, id: 16
round 68, starting client 44/50, id: 98
round 68, starting client 45/50, id: 69
round 68, starting client 46/50, id: 0
round 68, starting client 47/50, id: 84
round 68, starting client 48/50, id: 97
round 68, starting client 49/50, id: 51
round 68, starting client 50/50, id: 58
round 68, validation acc: 0.9452
starting round 69
clients: [59 78 4 80 87 70 26 8 97 92 44 54 76 72 6 67 57 17 14 69 95 43 77
29
1 91 41 3 38 85 88 45 56 99 49 2 64 94 34 7 39 53 13 46 5 68 48 71
75 84]
round 69, starting client 1/50, id: 59
round 69, starting client 2/50, id: 78
round 69, starting client 3/50, id: 4
round 69, starting client 4/50, id: 80
round 69, starting client 5/50, id: 87
round 69, starting client 6/50, id: 70
round 69, starting client 7/50, id: 26
round 69, starting client 8/50, id: 8
round 69, starting client 9/50, id: 97
round 69, starting client 10/50, id: 92
round 69, starting client 11/50, id: 44
round 69, starting client 12/50, id: 54
round 69, starting client 13/50, id: 76
round 69, starting client 14/50, id: 72
round 69, starting client 15/50, id: 6

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round 69, starting client 16/50, id: 67
round 69, starting client 17/50, id: 57
round 69, starting client 18/50, id: 17
round 69, starting client 19/50, id: 14
round 69, starting client 20/50, id: 69
round 69, starting client 21/50, id: 95
round 69, starting client 22/50, id: 43
round 69, starting client 23/50, id: 77
round 69, starting client 24/50, id: 29
round 69, starting client 25/50, id: 1
round 69, starting client 26/50, id: 91
round 69, starting client 27/50, id: 41
round 69, starting client 28/50, id: 3
round 69, starting client 29/50, id: 38
round 69, starting client 30/50, id: 85
round 69, starting client 31/50, id: 88
round 69, starting client 32/50, id: 45
round 69, starting client 33/50, id: 56
round 69, starting client 34/50, id: 99
round 69, starting client 35/50, id: 49
round 69, starting client 36/50, id: 2
round 69, starting client 37/50, id: 64
round 69, starting client 38/50, id: 94
round 69, starting client 39/50, id: 34
round 69, starting client 40/50, id: 7
round 69, starting client 41/50, id: 39
round 69, starting client 42/50, id: 53
round 69, starting client 43/50, id: 13
round 69, starting client 44/50, id: 46
round 69, starting client 45/50, id: 5
round 69, starting client 46/50, id: 68
round 69, starting client 47/50, id: 48
round 69, starting client 48/50, id: 71
round 69, starting client 49/50, id: 75
round 69, starting client 50/50, id: 84
round 69, validation acc: 0.9428
starting round 70
clients: [77 76 48 57 40 37 63 16 83 61 26 94 12 28 25 97 50 9 71 10 19 47 69
29
8 32 80 14 81 36 7 90 35 21 3 22 24 65 54 18 38 60 74 67 49 46 79 95
43 27]
round 70, starting client 1/50, id: 77
round 70, starting client 2/50, id: 76
round 70, starting client 3/50, id: 48
round 70, starting client 4/50, id: 57
round 70, starting client 5/50, id: 40
round 70, starting client 6/50, id: 37
round 70, starting client 7/50, id: 63

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round 70, starting client 8/50, id: 16
round 70, starting client 9/50, id: 83
round 70, starting client 10/50, id: 61
round 70, starting client 11/50, id: 26
round 70, starting client 12/50, id: 94
round 70, starting client 13/50, id: 12
round 70, starting client 14/50, id: 28
round 70, starting client 15/50, id: 25
round 70, starting client 16/50, id: 97
round 70, starting client 17/50, id: 50
round 70, starting client 18/50, id: 9
round 70, starting client 19/50, id: 71
round 70, starting client 20/50, id: 10
round 70, starting client 21/50, id: 19
round 70, starting client 22/50, id: 47
round 70, starting client 23/50, id: 69
round 70, starting client 24/50, id: 29
round 70, starting client 25/50, id: 8
round 70, starting client 26/50, id: 32
round 70, starting client 27/50, id: 80
round 70, starting client 28/50, id: 14
round 70, starting client 29/50, id: 81
round 70, starting client 30/50, id: 36
round 70, starting client 31/50, id: 7
round 70, starting client 32/50, id: 90
round 70, starting client 33/50, id: 35
round 70, starting client 34/50, id: 21
round 70, starting client 35/50, id: 3
round 70, starting client 36/50, id: 22
round 70, starting client 37/50, id: 24
round 70, starting client 38/50, id: 65
round 70, starting client 39/50, id: 54
round 70, starting client 40/50, id: 18
round 70, starting client 41/50, id: 38
round 70, starting client 42/50, id: 60
round 70, starting client 43/50, id: 74
round 70, starting client 44/50, id: 67
round 70, starting client 45/50, id: 49
round 70, starting client 46/50, id: 46
round 70, starting client 47/50, id: 79
round 70, starting client 48/50, id: 95
round 70, starting client 49/50, id: 43
round 70, starting client 50/50, id: 27
round 70, validation acc: 0.9486
starting round 71
clients: [21 44 83 74 85 47 5 15 99 24 51 54 89 71 3 76 39 41 25 77 7 1 20
59
72 33 82 67 0 58 84 46 65 17 2 79 34 56 93 96 61 91 63 95 28 92 73 70

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81 42]

round 71, starting client 1/50, id: 21
round 71, starting client 2/50, id: 44
round 71, starting client 3/50, id: 83
round 71, starting client 4/50, id: 74
round 71, starting client 5/50, id: 85
round 71, starting client 6/50, id: 47
round 71, starting client 7/50, id: 5
round 71, starting client 8/50, id: 15
round 71, starting client 9/50, id: 99
round 71, starting client 10/50, id: 24
round 71, starting client 11/50, id: 51
round 71, starting client 12/50, id: 54
round 71, starting client 13/50, id: 89
round 71, starting client 14/50, id: 71
round 71, starting client 15/50, id: 3
round 71, starting client 16/50, id: 76
round 71, starting client 17/50, id: 39
round 71, starting client 18/50, id: 41
round 71, starting client 19/50, id: 25
round 71, starting client 20/50, id: 77
round 71, starting client 21/50, id: 7
round 71, starting client 22/50, id: 1
round 71, starting client 23/50, id: 20
round 71, starting client 24/50, id: 59
round 71, starting client 25/50, id: 72
round 71, starting client 26/50, id: 33
round 71, starting client 27/50, id: 82
round 71, starting client 28/50, id: 67
round 71, starting client 29/50, id: 0
round 71, starting client 30/50, id: 58
round 71, starting client 31/50, id: 84
round 71, starting client 32/50, id: 46
round 71, starting client 33/50, id: 65
round 71, starting client 34/50, id: 17
round 71, starting client 35/50, id: 2
round 71, starting client 36/50, id: 79
round 71, starting client 37/50, id: 34
round 71, starting client 38/50, id: 56
round 71, starting client 39/50, id: 93
round 71, starting client 40/50, id: 96
round 71, starting client 41/50, id: 61
round 71, starting client 42/50, id: 91
round 71, starting client 43/50, id: 63
round 71, starting client 44/50, id: 95
round 71, starting client 45/50, id: 28
round 71, starting client 46/50, id: 92
round 71, starting client 47/50, id: 73

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round 71, starting client 48/50, id: 70
round 71, starting client 49/50, id: 81
round 71, starting client 50/50, id: 42
round 71, validation acc: 0.9469
starting round 72
clients: [62 19 47 60 79 43 48 27 25 33 97 82 58 30 40 67 91 37 66 1 95 52 55
70
41 96 20 11 90 86 71 76 26 87 92 94 49 83 89 22 75 44 12 50 2 35 98 84
28 59]
round 72, starting client 1/50, id: 62
round 72, starting client 2/50, id: 19
round 72, starting client 3/50, id: 47
round 72, starting client 4/50, id: 60
round 72, starting client 5/50, id: 79
round 72, starting client 6/50, id: 43
round 72, starting client 7/50, id: 48
round 72, starting client 8/50, id: 27
round 72, starting client 9/50, id: 25
round 72, starting client 10/50, id: 33
round 72, starting client 11/50, id: 97
round 72, starting client 12/50, id: 82
round 72, starting client 13/50, id: 58
round 72, starting client 14/50, id: 30
round 72, starting client 15/50, id: 40
round 72, starting client 16/50, id: 67
round 72, starting client 17/50, id: 91
round 72, starting client 18/50, id: 37
round 72, starting client 19/50, id: 66
round 72, starting client 20/50, id: 1
round 72, starting client 21/50, id: 95
round 72, starting client 22/50, id: 52
round 72, starting client 23/50, id: 55
round 72, starting client 24/50, id: 70
round 72, starting client 25/50, id: 41
round 72, starting client 26/50, id: 96
round 72, starting client 27/50, id: 20
round 72, starting client 28/50, id: 11
round 72, starting client 29/50, id: 90
round 72, starting client 30/50, id: 86
round 72, starting client 31/50, id: 71
round 72, starting client 32/50, id: 76
round 72, starting client 33/50, id: 26
round 72, starting client 34/50, id: 87
round 72, starting client 35/50, id: 92
round 72, starting client 36/50, id: 94
round 72, starting client 37/50, id: 49
round 72, starting client 38/50, id: 83
round 72, starting client 39/50, id: 89

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round 72, starting client 40/50, id: 22
round 72, starting client 41/50, id: 75
round 72, starting client 42/50, id: 44
round 72, starting client 43/50, id: 12
round 72, starting client 44/50, id: 50
round 72, starting client 45/50, id: 2
round 72, starting client 46/50, id: 35
round 72, starting client 47/50, id: 98
round 72, starting client 48/50, id: 84
round 72, starting client 49/50, id: 28
round 72, starting client 50/50, id: 59
round 72, validation acc: 0.9448
starting round 73
clients: [89 54 39 36 51 77 70 42 41 98 96 49 29 88 52 8 46 9 22 40 15 61 80
14
48 87 7 6 99 71 20 5 85 50 73 13 58 53 69 72 63 97 25 57 47 68 60 31
59 56]
round 73, starting client 1/50, id: 89
round 73, starting client 2/50, id: 54
round 73, starting client 3/50, id: 39
round 73, starting client 4/50, id: 36
round 73, starting client 5/50, id: 51
round 73, starting client 6/50, id: 77
round 73, starting client 7/50, id: 70
round 73, starting client 8/50, id: 42
round 73, starting client 9/50, id: 41
round 73, starting client 10/50, id: 98
round 73, starting client 11/50, id: 96
round 73, starting client 12/50, id: 49
round 73, starting client 13/50, id: 29
round 73, starting client 14/50, id: 88
round 73, starting client 15/50, id: 52
round 73, starting client 16/50, id: 8
round 73, starting client 17/50, id: 46
round 73, starting client 18/50, id: 9
round 73, starting client 19/50, id: 22
round 73, starting client 20/50, id: 40
round 73, starting client 21/50, id: 15
round 73, starting client 22/50, id: 61
round 73, starting client 23/50, id: 80
round 73, starting client 24/50, id: 14
round 73, starting client 25/50, id: 48
round 73, starting client 26/50, id: 87
round 73, starting client 27/50, id: 7
round 73, starting client 28/50, id: 6
round 73, starting client 29/50, id: 99
round 73, starting client 30/50, id: 71
round 73, starting client 31/50, id: 20

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round 73, starting client 32/50, id: 5
round 73, starting client 33/50, id: 85
round 73, starting client 34/50, id: 50
round 73, starting client 35/50, id: 73
round 73, starting client 36/50, id: 13
round 73, starting client 37/50, id: 58
round 73, starting client 38/50, id: 53
round 73, starting client 39/50, id: 69
round 73, starting client 40/50, id: 72
round 73, starting client 41/50, id: 63
round 73, starting client 42/50, id: 97
round 73, starting client 43/50, id: 25
round 73, starting client 44/50, id: 57
round 73, starting client 45/50, id: 47
round 73, starting client 46/50, id: 68
round 73, starting client 47/50, id: 60
round 73, starting client 48/50, id: 31
round 73, starting client 49/50, id: 59
round 73, starting client 50/50, id: 56
round 73, validation acc: 0.9476
starting round 74
clients: [ 1 18 89 25 71 56 73 45 61 63 28 21 93 74 81 7 0 29 32 41 97 2 43
42
98 49 79 33 48 65 19 4 30 10 70 52 59 44 85 34 66 58 64 11 15 90 57 83
95 3]
round 74, starting client 1/50, id: 1
round 74, starting client 2/50, id: 18
round 74, starting client 3/50, id: 89
round 74, starting client 4/50, id: 25
round 74, starting client 5/50, id: 71
round 74, starting client 6/50, id: 56
round 74, starting client 7/50, id: 73
round 74, starting client 8/50, id: 45
round 74, starting client 9/50, id: 61
round 74, starting client 10/50, id: 63
round 74, starting client 11/50, id: 28
round 74, starting client 12/50, id: 21
round 74, starting client 13/50, id: 93
round 74, starting client 14/50, id: 74
round 74, starting client 15/50, id: 81
round 74, starting client 16/50, id: 7
round 74, starting client 17/50, id: 0
round 74, starting client 18/50, id: 29
round 74, starting client 19/50, id: 32
round 74, starting client 20/50, id: 41
round 74, starting client 21/50, id: 97
round 74, starting client 22/50, id: 2
round 74, starting client 23/50, id: 43

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round 74, starting client 24/50, id: 42
round 74, starting client 25/50, id: 98
round 74, starting client 26/50, id: 49
round 74, starting client 27/50, id: 79
round 74, starting client 28/50, id: 33
round 74, starting client 29/50, id: 48
round 74, starting client 30/50, id: 65
round 74, starting client 31/50, id: 19
round 74, starting client 32/50, id: 4
round 74, starting client 33/50, id: 30
round 74, starting client 34/50, id: 10
round 74, starting client 35/50, id: 70
round 74, starting client 36/50, id: 52
round 74, starting client 37/50, id: 59
round 74, starting client 38/50, id: 44
round 74, starting client 39/50, id: 85
round 74, starting client 40/50, id: 34
round 74, starting client 41/50, id: 66
round 74, starting client 42/50, id: 58
round 74, starting client 43/50, id: 64
round 74, starting client 44/50, id: 11
round 74, starting client 45/50, id: 15
round 74, starting client 46/50, id: 90
round 74, starting client 47/50, id: 57
round 74, starting client 48/50, id: 83
round 74, starting client 49/50, id: 95
round 74, starting client 50/50, id: 3
round 74, validation acc: 0.948
starting round 75
clients: [75 14 50 97 91 40 1 59 58 43 79 62 8 65 23 70 51 7 22 90 18 55 69
2
13 49 32 68 84 95 28 29 93 64 30 83 48 10 21 82 60 86 99 47 89 26 85 12
46 66]
round 75, starting client 1/50, id: 75
round 75, starting client 2/50, id: 14
round 75, starting client 3/50, id: 50
round 75, starting client 4/50, id: 97
round 75, starting client 5/50, id: 91
round 75, starting client 6/50, id: 40
round 75, starting client 7/50, id: 1
round 75, starting client 8/50, id: 59
round 75, starting client 9/50, id: 58
round 75, starting client 10/50, id: 43
round 75, starting client 11/50, id: 79
round 75, starting client 12/50, id: 62
round 75, starting client 13/50, id: 8
round 75, starting client 14/50, id: 65
round 75, starting client 15/50, id: 23

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round 75, starting client 16/50, id: 70
round 75, starting client 17/50, id: 51
round 75, starting client 18/50, id: 7
round 75, starting client 19/50, id: 22
round 75, starting client 20/50, id: 90
round 75, starting client 21/50, id: 18
round 75, starting client 22/50, id: 55
round 75, starting client 23/50, id: 69
round 75, starting client 24/50, id: 2
round 75, starting client 25/50, id: 13
round 75, starting client 26/50, id: 49
round 75, starting client 27/50, id: 32
round 75, starting client 28/50, id: 68
round 75, starting client 29/50, id: 84
round 75, starting client 30/50, id: 95
round 75, starting client 31/50, id: 28
round 75, starting client 32/50, id: 29
round 75, starting client 33/50, id: 93
round 75, starting client 34/50, id: 64
round 75, starting client 35/50, id: 30
round 75, starting client 36/50, id: 83
round 75, starting client 37/50, id: 48
round 75, starting client 38/50, id: 10
round 75, starting client 39/50, id: 21
round 75, starting client 40/50, id: 82
round 75, starting client 41/50, id: 60
round 75, starting client 42/50, id: 86
round 75, starting client 43/50, id: 99
round 75, starting client 44/50, id: 47
round 75, starting client 45/50, id: 89
round 75, starting client 46/50, id: 26
round 75, starting client 47/50, id: 85
round 75, starting client 48/50, id: 12
round 75, starting client 49/50, id: 46
round 75, starting client 50/50, id: 66
round 75, validation acc: 0.9479
starting round 76
clients: [ 8 85 91 92 83 14 9 53 15 2 74 72 18 63 80 57 33 29 36 30 1 22 98
44
28 45 73 31 47 54 48 76 64 78 13 66 39 99 21 77 25 65 68 7 61 5 43 20
81 86]
round 76, starting client 1/50, id: 8
round 76, starting client 2/50, id: 85
round 76, starting client 3/50, id: 91
round 76, starting client 4/50, id: 92
round 76, starting client 5/50, id: 83
round 76, starting client 6/50, id: 14
round 76, starting client 7/50, id: 9

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round 76, starting client 8/50, id: 53
round 76, starting client 9/50, id: 15
round 76, starting client 10/50, id: 2
round 76, starting client 11/50, id: 74
round 76, starting client 12/50, id: 72
round 76, starting client 13/50, id: 18
round 76, starting client 14/50, id: 63
round 76, starting client 15/50, id: 80
round 76, starting client 16/50, id: 57
round 76, starting client 17/50, id: 33
round 76, starting client 18/50, id: 29
round 76, starting client 19/50, id: 36
round 76, starting client 20/50, id: 30
round 76, starting client 21/50, id: 1
round 76, starting client 22/50, id: 22
round 76, starting client 23/50, id: 98
round 76, starting client 24/50, id: 44
round 76, starting client 25/50, id: 28
round 76, starting client 26/50, id: 45
round 76, starting client 27/50, id: 73
round 76, starting client 28/50, id: 31
round 76, starting client 29/50, id: 47
round 76, starting client 30/50, id: 54
round 76, starting client 31/50, id: 48
round 76, starting client 32/50, id: 76
round 76, starting client 33/50, id: 64
round 76, starting client 34/50, id: 78
round 76, starting client 35/50, id: 13
round 76, starting client 36/50, id: 66
round 76, starting client 37/50, id: 39
round 76, starting client 38/50, id: 99
round 76, starting client 39/50, id: 21
round 76, starting client 40/50, id: 77
round 76, starting client 41/50, id: 25
round 76, starting client 42/50, id: 65
round 76, starting client 43/50, id: 68
round 76, starting client 44/50, id: 7
round 76, starting client 45/50, id: 61
round 76, starting client 46/50, id: 5
round 76, starting client 47/50, id: 43
round 76, starting client 48/50, id: 20
round 76, starting client 49/50, id: 81
round 76, starting client 50/50, id: 86
round 76, validation acc: 0.9492
starting round 77
clients: [51 8 57 23 2 12 96 60 56 35 20 71 85 82 49 65 54 89 80 16 61 99 22
72
87 52 95 19 84 40 81 46 67 75 90 36 78 66 7 62 79 83 13 41 0 48 10 6

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98 76]

round 77, starting client 1/50, id: 51
round 77, starting client 2/50, id: 8
round 77, starting client 3/50, id: 57
round 77, starting client 4/50, id: 23
round 77, starting client 5/50, id: 2
round 77, starting client 6/50, id: 12
round 77, starting client 7/50, id: 96
round 77, starting client 8/50, id: 60
round 77, starting client 9/50, id: 56
round 77, starting client 10/50, id: 35
round 77, starting client 11/50, id: 20
round 77, starting client 12/50, id: 71
round 77, starting client 13/50, id: 85
round 77, starting client 14/50, id: 82
round 77, starting client 15/50, id: 49
round 77, starting client 16/50, id: 65
round 77, starting client 17/50, id: 54
round 77, starting client 18/50, id: 89
round 77, starting client 19/50, id: 80
round 77, starting client 20/50, id: 16
round 77, starting client 21/50, id: 61
round 77, starting client 22/50, id: 99
round 77, starting client 23/50, id: 22
round 77, starting client 24/50, id: 72
round 77, starting client 25/50, id: 87
round 77, starting client 26/50, id: 52
round 77, starting client 27/50, id: 95
round 77, starting client 28/50, id: 19
round 77, starting client 29/50, id: 84
round 77, starting client 30/50, id: 40
round 77, starting client 31/50, id: 81
round 77, starting client 32/50, id: 46
round 77, starting client 33/50, id: 67
round 77, starting client 34/50, id: 75
round 77, starting client 35/50, id: 90
round 77, starting client 36/50, id: 36
round 77, starting client 37/50, id: 78
round 77, starting client 38/50, id: 66
round 77, starting client 39/50, id: 7
round 77, starting client 40/50, id: 62
round 77, starting client 41/50, id: 79
round 77, starting client 42/50, id: 83
round 77, starting client 43/50, id: 13
round 77, starting client 44/50, id: 41
round 77, starting client 45/50, id: 0
round 77, starting client 46/50, id: 48
round 77, starting client 47/50, id: 10

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round 77, starting client 48/50, id: 6
round 77, starting client 49/50, id: 98
round 77, starting client 50/50, id: 76
round 77, validation acc: 0.9497
starting round 78
clients: [42 69 0 65 60 47 4 6 3 7 77 32 70 73 68 94 43 50 2 36 39 64 76
49
12 30 58 40 9 98 53 74 31 18 87 35 27 45 29 75 96 17 62 11 59 72 24 51
66 20]
round 78, starting client 1/50, id: 42
round 78, starting client 2/50, id: 69
round 78, starting client 3/50, id: 0
round 78, starting client 4/50, id: 65
round 78, starting client 5/50, id: 60
round 78, starting client 6/50, id: 47
round 78, starting client 7/50, id: 4
round 78, starting client 8/50, id: 6
round 78, starting client 9/50, id: 3
round 78, starting client 10/50, id: 7
round 78, starting client 11/50, id: 77
round 78, starting client 12/50, id: 32
round 78, starting client 13/50, id: 70
round 78, starting client 14/50, id: 73
round 78, starting client 15/50, id: 68
round 78, starting client 16/50, id: 94
round 78, starting client 17/50, id: 43
round 78, starting client 18/50, id: 50
round 78, starting client 19/50, id: 2
round 78, starting client 20/50, id: 36
round 78, starting client 21/50, id: 39
round 78, starting client 22/50, id: 64
round 78, starting client 23/50, id: 76
round 78, starting client 24/50, id: 49
round 78, starting client 25/50, id: 12
round 78, starting client 26/50, id: 30
round 78, starting client 27/50, id: 58
round 78, starting client 28/50, id: 40
round 78, starting client 29/50, id: 9
round 78, starting client 30/50, id: 98
round 78, starting client 31/50, id: 53
round 78, starting client 32/50, id: 74
round 78, starting client 33/50, id: 31
round 78, starting client 34/50, id: 18
round 78, starting client 35/50, id: 87
round 78, starting client 36/50, id: 35
round 78, starting client 37/50, id: 27
round 78, starting client 38/50, id: 45
round 78, starting client 39/50, id: 29

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round 78, starting client 40/50, id: 75
round 78, starting client 41/50, id: 96
round 78, starting client 42/50, id: 17
round 78, starting client 43/50, id: 62
round 78, starting client 44/50, id: 11
round 78, starting client 45/50, id: 59
round 78, starting client 46/50, id: 72
round 78, starting client 47/50, id: 24
round 78, starting client 48/50, id: 51
round 78, starting client 49/50, id: 66
round 78, starting client 50/50, id: 20
round 78, validation acc: 0.9505
starting round 79
clients: [91 66 55 77 30 85 44 24 64 5 70 45 27 83 43 7 10 8 20 38 61 52 6
81
78 15 0 48 75 19 4 57 95 90 12 13 28 94 32 37 84 96 62 18 16 59 35 93
79 14]
round 79, starting client 1/50, id: 91
round 79, starting client 2/50, id: 66
round 79, starting client 3/50, id: 55
round 79, starting client 4/50, id: 77
round 79, starting client 5/50, id: 30
round 79, starting client 6/50, id: 85
round 79, starting client 7/50, id: 44
round 79, starting client 8/50, id: 24
round 79, starting client 9/50, id: 64
round 79, starting client 10/50, id: 5
round 79, starting client 11/50, id: 70
round 79, starting client 12/50, id: 45
round 79, starting client 13/50, id: 27
round 79, starting client 14/50, id: 83
round 79, starting client 15/50, id: 43
round 79, starting client 16/50, id: 7
round 79, starting client 17/50, id: 10
round 79, starting client 18/50, id: 8
round 79, starting client 19/50, id: 20
round 79, starting client 20/50, id: 38
round 79, starting client 21/50, id: 61
round 79, starting client 22/50, id: 52
round 79, starting client 23/50, id: 6
round 79, starting client 24/50, id: 81
round 79, starting client 25/50, id: 78
round 79, starting client 26/50, id: 15
round 79, starting client 27/50, id: 0
round 79, starting client 28/50, id: 48
round 79, starting client 29/50, id: 75
round 79, starting client 30/50, id: 19
round 79, starting client 31/50, id: 4

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round 79, starting client 32/50, id: 57
round 79, starting client 33/50, id: 95
round 79, starting client 34/50, id: 90
round 79, starting client 35/50, id: 12
round 79, starting client 36/50, id: 13
round 79, starting client 37/50, id: 28
round 79, starting client 38/50, id: 94
round 79, starting client 39/50, id: 32
round 79, starting client 40/50, id: 37
round 79, starting client 41/50, id: 84
round 79, starting client 42/50, id: 96
round 79, starting client 43/50, id: 62
round 79, starting client 44/50, id: 18
round 79, starting client 45/50, id: 16
round 79, starting client 46/50, id: 59
round 79, starting client 47/50, id: 35
round 79, starting client 48/50, id: 93
round 79, starting client 49/50, id: 79
round 79, starting client 50/50, id: 14
round 79, validation acc: 0.9503
starting round 80
clients: [32 9 3 34 28 47 66 50 26 36 53 16 44 7 45 38 86 96 30 27 52 39 12
65
93 25 60 85 22 74 64 42 83 89 46 91 67 18 87 71 63 10 23 13 57 41 8 15
11 90]
round 80, starting client 1/50, id: 32
round 80, starting client 2/50, id: 9
round 80, starting client 3/50, id: 3
round 80, starting client 4/50, id: 34
round 80, starting client 5/50, id: 28
round 80, starting client 6/50, id: 47
round 80, starting client 7/50, id: 66
round 80, starting client 8/50, id: 50
round 80, starting client 9/50, id: 26
round 80, starting client 10/50, id: 36
round 80, starting client 11/50, id: 53
round 80, starting client 12/50, id: 16
round 80, starting client 13/50, id: 44
round 80, starting client 14/50, id: 7
round 80, starting client 15/50, id: 45
round 80, starting client 16/50, id: 38
round 80, starting client 17/50, id: 86
round 80, starting client 18/50, id: 96
round 80, starting client 19/50, id: 30
round 80, starting client 20/50, id: 27
round 80, starting client 21/50, id: 52
round 80, starting client 22/50, id: 39
round 80, starting client 23/50, id: 12

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round 80, starting client 24/50, id: 65
round 80, starting client 25/50, id: 93
round 80, starting client 26/50, id: 25
round 80, starting client 27/50, id: 60
round 80, starting client 28/50, id: 85
round 80, starting client 29/50, id: 22
round 80, starting client 30/50, id: 74
round 80, starting client 31/50, id: 64
round 80, starting client 32/50, id: 42
round 80, starting client 33/50, id: 83
round 80, starting client 34/50, id: 89
round 80, starting client 35/50, id: 46
round 80, starting client 36/50, id: 91
round 80, starting client 37/50, id: 67
round 80, starting client 38/50, id: 18
round 80, starting client 39/50, id: 87
round 80, starting client 40/50, id: 71
round 80, starting client 41/50, id: 63
round 80, starting client 42/50, id: 10
round 80, starting client 43/50, id: 23
round 80, starting client 44/50, id: 13
round 80, starting client 45/50, id: 57
round 80, starting client 46/50, id: 41
round 80, starting client 47/50, id: 8
round 80, starting client 48/50, id: 15
round 80, starting client 49/50, id: 11
round 80, starting client 50/50, id: 90
round 80, validation acc: 0.9521
starting round 81
clients: [62 80 58 33 78 35 98 36 14 60 24 70 43 18 37 74 3 4 15 71 79 28 44
41
61 87 76 54 26 13 22 23 52 81 88 32 92 99 56 90 85 39 9 48 5 84 11 53
47 20]
round 81, starting client 1/50, id: 62
round 81, starting client 2/50, id: 80
round 81, starting client 3/50, id: 58
round 81, starting client 4/50, id: 33
round 81, starting client 5/50, id: 78
round 81, starting client 6/50, id: 35
round 81, starting client 7/50, id: 98
round 81, starting client 8/50, id: 36
round 81, starting client 9/50, id: 14
round 81, starting client 10/50, id: 60
round 81, starting client 11/50, id: 24
round 81, starting client 12/50, id: 70
round 81, starting client 13/50, id: 43
round 81, starting client 14/50, id: 18
round 81, starting client 15/50, id: 37

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round 81, starting client 16/50, id: 74
round 81, starting client 17/50, id: 3
round 81, starting client 18/50, id: 4
round 81, starting client 19/50, id: 15
round 81, starting client 20/50, id: 71
round 81, starting client 21/50, id: 79
round 81, starting client 22/50, id: 28
round 81, starting client 23/50, id: 44
round 81, starting client 24/50, id: 41
round 81, starting client 25/50, id: 61
round 81, starting client 26/50, id: 87
round 81, starting client 27/50, id: 76
round 81, starting client 28/50, id: 54
round 81, starting client 29/50, id: 26
round 81, starting client 30/50, id: 13
round 81, starting client 31/50, id: 22
round 81, starting client 32/50, id: 23
round 81, starting client 33/50, id: 52
round 81, starting client 34/50, id: 81
round 81, starting client 35/50, id: 88
round 81, starting client 36/50, id: 32
round 81, starting client 37/50, id: 92
round 81, starting client 38/50, id: 99
round 81, starting client 39/50, id: 56
round 81, starting client 40/50, id: 90
round 81, starting client 41/50, id: 85
round 81, starting client 42/50, id: 39
round 81, starting client 43/50, id: 9
round 81, starting client 44/50, id: 48
round 81, starting client 45/50, id: 5
round 81, starting client 46/50, id: 84
round 81, starting client 47/50, id: 11
round 81, starting client 48/50, id: 53
round 81, starting client 49/50, id: 47
round 81, starting client 50/50, id: 20
round 81, validation acc: 0.9512
starting round 82
clients: [34 91 47 45 17 84 79 12 37 46 33 66 35 22 92 98 71 88 20 83 27 82 85
52
72 60 38 74 50 80 87 19 67 55 93 40 2 5 58 42 89 3 81 15 18 56 13 30
63 41]
round 82, starting client 1/50, id: 34
round 82, starting client 2/50, id: 91
round 82, starting client 3/50, id: 47
round 82, starting client 4/50, id: 45
round 82, starting client 5/50, id: 17
round 82, starting client 6/50, id: 84
round 82, starting client 7/50, id: 79

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round 82, starting client 8/50, id: 12
round 82, starting client 9/50, id: 37
round 82, starting client 10/50, id: 46
round 82, starting client 11/50, id: 33
round 82, starting client 12/50, id: 66
round 82, starting client 13/50, id: 35
round 82, starting client 14/50, id: 22
round 82, starting client 15/50, id: 92
round 82, starting client 16/50, id: 98
round 82, starting client 17/50, id: 71
round 82, starting client 18/50, id: 88
round 82, starting client 19/50, id: 20
round 82, starting client 20/50, id: 83
round 82, starting client 21/50, id: 27
round 82, starting client 22/50, id: 82
round 82, starting client 23/50, id: 85
round 82, starting client 24/50, id: 52
round 82, starting client 25/50, id: 72
round 82, starting client 26/50, id: 60
round 82, starting client 27/50, id: 38
round 82, starting client 28/50, id: 74
round 82, starting client 29/50, id: 50
round 82, starting client 30/50, id: 80
round 82, starting client 31/50, id: 87
round 82, starting client 32/50, id: 19
round 82, starting client 33/50, id: 67
round 82, starting client 34/50, id: 55
round 82, starting client 35/50, id: 93
round 82, starting client 36/50, id: 40
round 82, starting client 37/50, id: 2
round 82, starting client 38/50, id: 5
round 82, starting client 39/50, id: 58
round 82, starting client 40/50, id: 42
round 82, starting client 41/50, id: 89
round 82, starting client 42/50, id: 3
round 82, starting client 43/50, id: 81
round 82, starting client 44/50, id: 15
round 82, starting client 45/50, id: 18
round 82, starting client 46/50, id: 56
round 82, starting client 47/50, id: 13
round 82, starting client 48/50, id: 30
round 82, starting client 49/50, id: 63
round 82, starting client 50/50, id: 41
round 82, validation acc: 0.9528
starting round 83
clients: [97 96 40 38 52 30 23 53 31 82 20 73 8 32 93 7 16 14 76 74 68 80 48
89
78 61 29 75 37 17 65 88 64 35 36 95 46 51 55 69 66 42 70 5 9 63 72 12

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56 85]

round 83, starting client 1/50, id: 97
round 83, starting client 2/50, id: 96
round 83, starting client 3/50, id: 40
round 83, starting client 4/50, id: 38
round 83, starting client 5/50, id: 52
round 83, starting client 6/50, id: 30
round 83, starting client 7/50, id: 23
round 83, starting client 8/50, id: 53
round 83, starting client 9/50, id: 31
round 83, starting client 10/50, id: 82
round 83, starting client 11/50, id: 20
round 83, starting client 12/50, id: 73
round 83, starting client 13/50, id: 8
round 83, starting client 14/50, id: 32
round 83, starting client 15/50, id: 93
round 83, starting client 16/50, id: 7
round 83, starting client 17/50, id: 16
round 83, starting client 18/50, id: 14
round 83, starting client 19/50, id: 76
round 83, starting client 20/50, id: 74
round 83, starting client 21/50, id: 68
round 83, starting client 22/50, id: 80
round 83, starting client 23/50, id: 48
round 83, starting client 24/50, id: 89
round 83, starting client 25/50, id: 78
round 83, starting client 26/50, id: 61
round 83, starting client 27/50, id: 29
round 83, starting client 28/50, id: 75
round 83, starting client 29/50, id: 37
round 83, starting client 30/50, id: 17
round 83, starting client 31/50, id: 65
round 83, starting client 32/50, id: 88
round 83, starting client 33/50, id: 64
round 83, starting client 34/50, id: 35
round 83, starting client 35/50, id: 36
round 83, starting client 36/50, id: 95
round 83, starting client 37/50, id: 46
round 83, starting client 38/50, id: 51
round 83, starting client 39/50, id: 55
round 83, starting client 40/50, id: 69
round 83, starting client 41/50, id: 66
round 83, starting client 42/50, id: 42
round 83, starting client 43/50, id: 70
round 83, starting client 44/50, id: 5
round 83, starting client 45/50, id: 9
round 83, starting client 46/50, id: 63
round 83, starting client 47/50, id: 72

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round 83, starting client 48/50, id: 12
round 83, starting client 49/50, id: 56
round 83, starting client 50/50, id: 85
round 83, validation acc: 0.9523
starting round 84
clients: [47 37 97 61 73 17 39 68 85 5 84 20 26 0 77 81 70 24 1 62 72 90 71
46
80 3 19 64 8 69 92 22 21 67 66 30 38 94 51 4 53 27 52 14 42 23 9 98
76 74]
round 84, starting client 1/50, id: 47
round 84, starting client 2/50, id: 37
round 84, starting client 3/50, id: 97
round 84, starting client 4/50, id: 61
round 84, starting client 5/50, id: 73
round 84, starting client 6/50, id: 17
round 84, starting client 7/50, id: 39
round 84, starting client 8/50, id: 68
round 84, starting client 9/50, id: 85
round 84, starting client 10/50, id: 5
round 84, starting client 11/50, id: 84
round 84, starting client 12/50, id: 20
round 84, starting client 13/50, id: 26
round 84, starting client 14/50, id: 0
round 84, starting client 15/50, id: 77
round 84, starting client 16/50, id: 81
round 84, starting client 17/50, id: 70
round 84, starting client 18/50, id: 24
round 84, starting client 19/50, id: 1
round 84, starting client 20/50, id: 62
round 84, starting client 21/50, id: 72
round 84, starting client 22/50, id: 90
round 84, starting client 23/50, id: 71
round 84, starting client 24/50, id: 46
round 84, starting client 25/50, id: 80
round 84, starting client 26/50, id: 3
round 84, starting client 27/50, id: 19
round 84, starting client 28/50, id: 64
round 84, starting client 29/50, id: 8
round 84, starting client 30/50, id: 69
round 84, starting client 31/50, id: 92
round 84, starting client 32/50, id: 22
round 84, starting client 33/50, id: 21
round 84, starting client 34/50, id: 67
round 84, starting client 35/50, id: 66
round 84, starting client 36/50, id: 30
round 84, starting client 37/50, id: 38
round 84, starting client 38/50, id: 94
round 84, starting client 39/50, id: 51

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round 84, starting client 40/50, id: 4
round 84, starting client 41/50, id: 53
round 84, starting client 42/50, id: 27
round 84, starting client 43/50, id: 52
round 84, starting client 44/50, id: 14
round 84, starting client 45/50, id: 42
round 84, starting client 46/50, id: 23
round 84, starting client 47/50, id: 9
round 84, starting client 48/50, id: 98
round 84, starting client 49/50, id: 76
round 84, starting client 50/50, id: 74
round 84, validation acc: 0.9542
starting round 85
clients: [ 8 86 75 10 73 44 88 22 27 87 19 61 68 30 48 64 49 81 90 20 93 12 34
92
11 36 45 80 72 53 28 63 24 51 78 0 32 26 77 58 5 94 16 65 98 62 70 83
50 96]
round 85, starting client 1/50, id: 8
round 85, starting client 2/50, id: 86
round 85, starting client 3/50, id: 75
round 85, starting client 4/50, id: 10
round 85, starting client 5/50, id: 73
round 85, starting client 6/50, id: 44
round 85, starting client 7/50, id: 88
round 85, starting client 8/50, id: 22
round 85, starting client 9/50, id: 27
round 85, starting client 10/50, id: 87
round 85, starting client 11/50, id: 19
round 85, starting client 12/50, id: 61
round 85, starting client 13/50, id: 68
round 85, starting client 14/50, id: 30
round 85, starting client 15/50, id: 48
round 85, starting client 16/50, id: 64
round 85, starting client 17/50, id: 49
round 85, starting client 18/50, id: 81
round 85, starting client 19/50, id: 90
round 85, starting client 20/50, id: 20
round 85, starting client 21/50, id: 93
round 85, starting client 22/50, id: 12
round 85, starting client 23/50, id: 34
round 85, starting client 24/50, id: 92
round 85, starting client 25/50, id: 11
round 85, starting client 26/50, id: 36
round 85, starting client 27/50, id: 45
round 85, starting client 28/50, id: 80
round 85, starting client 29/50, id: 72
round 85, starting client 30/50, id: 53
round 85, starting client 31/50, id: 28

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round 85, starting client 32/50, id: 63
round 85, starting client 33/50, id: 24
round 85, starting client 34/50, id: 51
round 85, starting client 35/50, id: 78
round 85, starting client 36/50, id: 0
round 85, starting client 37/50, id: 32
round 85, starting client 38/50, id: 26
round 85, starting client 39/50, id: 77
round 85, starting client 40/50, id: 58
round 85, starting client 41/50, id: 5
round 85, starting client 42/50, id: 94
round 85, starting client 43/50, id: 16
round 85, starting client 44/50, id: 65
round 85, starting client 45/50, id: 98
round 85, starting client 46/50, id: 62
round 85, starting client 47/50, id: 70
round 85, starting client 48/50, id: 83
round 85, starting client 49/50, id: 50
round 85, starting client 50/50, id: 96
round 85, validation acc: 0.9535
starting round 86
clients: [96  2 75 78 37 22 70 48 87 40 35 98 31 71 62 77 47  7 66 59 18  6 64
52
 61 27 29 25 85 32 53 36 92 42 84 72 82  3 14 60 93 88 28 91 86 20 57 19
23 73]
round 86, starting client 1/50, id: 96
round 86, starting client 2/50, id: 2
round 86, starting client 3/50, id: 75
round 86, starting client 4/50, id: 78
round 86, starting client 5/50, id: 37
round 86, starting client 6/50, id: 22
round 86, starting client 7/50, id: 70
round 86, starting client 8/50, id: 48
round 86, starting client 9/50, id: 87
round 86, starting client 10/50, id: 40
round 86, starting client 11/50, id: 35
round 86, starting client 12/50, id: 98
round 86, starting client 13/50, id: 31
round 86, starting client 14/50, id: 71
round 86, starting client 15/50, id: 62
round 86, starting client 16/50, id: 77
round 86, starting client 17/50, id: 47
round 86, starting client 18/50, id: 7
round 86, starting client 19/50, id: 66
round 86, starting client 20/50, id: 59
round 86, starting client 21/50, id: 18
round 86, starting client 22/50, id: 6
round 86, starting client 23/50, id: 64

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round 86, starting client 24/50, id: 52
round 86, starting client 25/50, id: 61
round 86, starting client 26/50, id: 27
round 86, starting client 27/50, id: 29
round 86, starting client 28/50, id: 25
round 86, starting client 29/50, id: 85
round 86, starting client 30/50, id: 32
round 86, starting client 31/50, id: 53
round 86, starting client 32/50, id: 36
round 86, starting client 33/50, id: 92
round 86, starting client 34/50, id: 42
round 86, starting client 35/50, id: 84
round 86, starting client 36/50, id: 72
round 86, starting client 37/50, id: 82
round 86, starting client 38/50, id: 3
round 86, starting client 39/50, id: 14
round 86, starting client 40/50, id: 60
round 86, starting client 41/50, id: 93
round 86, starting client 42/50, id: 88
round 86, starting client 43/50, id: 28
round 86, starting client 44/50, id: 91
round 86, starting client 45/50, id: 86
round 86, starting client 46/50, id: 20
round 86, starting client 47/50, id: 57
round 86, starting client 48/50, id: 19
round 86, starting client 49/50, id: 23
round 86, starting client 50/50, id: 73
round 86, validation acc: 0.9535
starting round 87
clients: [42 19 23 28 49 95 2 13 82 36 64 15 17 53 10 52 16 89 63 69 39 14 92
8
47 34 20 38 86 40 62 88 29 25 22 26 77 31 54 97 61 44 72 93 80 96 46 57
84 74]
round 87, starting client 1/50, id: 42
round 87, starting client 2/50, id: 19
round 87, starting client 3/50, id: 23
round 87, starting client 4/50, id: 28
round 87, starting client 5/50, id: 49
round 87, starting client 6/50, id: 95
round 87, starting client 7/50, id: 2
round 87, starting client 8/50, id: 13
round 87, starting client 9/50, id: 82
round 87, starting client 10/50, id: 36
round 87, starting client 11/50, id: 64
round 87, starting client 12/50, id: 15
round 87, starting client 13/50, id: 17
round 87, starting client 14/50, id: 53
round 87, starting client 15/50, id: 10

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round 87, starting client 16/50, id: 52
round 87, starting client 17/50, id: 16
round 87, starting client 18/50, id: 89
round 87, starting client 19/50, id: 63
round 87, starting client 20/50, id: 69
round 87, starting client 21/50, id: 39
round 87, starting client 22/50, id: 14
round 87, starting client 23/50, id: 92
round 87, starting client 24/50, id: 8
round 87, starting client 25/50, id: 47
round 87, starting client 26/50, id: 34
round 87, starting client 27/50, id: 20
round 87, starting client 28/50, id: 38
round 87, starting client 29/50, id: 86
round 87, starting client 30/50, id: 40
round 87, starting client 31/50, id: 62
round 87, starting client 32/50, id: 88
round 87, starting client 33/50, id: 29
round 87, starting client 34/50, id: 25
round 87, starting client 35/50, id: 22
round 87, starting client 36/50, id: 26
round 87, starting client 37/50, id: 77
round 87, starting client 38/50, id: 31
round 87, starting client 39/50, id: 54
round 87, starting client 40/50, id: 97
round 87, starting client 41/50, id: 61
round 87, starting client 42/50, id: 44
round 87, starting client 43/50, id: 72
round 87, starting client 44/50, id: 93
round 87, starting client 45/50, id: 80
round 87, starting client 46/50, id: 96
round 87, starting client 47/50, id: 46
round 87, starting client 48/50, id: 57
round 87, starting client 49/50, id: 84
round 87, starting client 50/50, id: 74
round 87, validation acc: 0.9554
starting round 88
clients: [83 52 78 68 44 27 71 50 99 34 62 1 69 33 3 81 66 64 31 15 2 14 0
47
86 94 23 89 8 19 65 82 45 13 36 96 32 25 90 12 7 46 63 38 73 39 51 77
40 28]
round 88, starting client 1/50, id: 83
round 88, starting client 2/50, id: 52
round 88, starting client 3/50, id: 78
round 88, starting client 4/50, id: 68
round 88, starting client 5/50, id: 44
round 88, starting client 6/50, id: 27
round 88, starting client 7/50, id: 71

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round 88, starting client 8/50, id: 50
round 88, starting client 9/50, id: 99
round 88, starting client 10/50, id: 34
round 88, starting client 11/50, id: 62
round 88, starting client 12/50, id: 1
round 88, starting client 13/50, id: 69
round 88, starting client 14/50, id: 33
round 88, starting client 15/50, id: 3
round 88, starting client 16/50, id: 81
round 88, starting client 17/50, id: 66
round 88, starting client 18/50, id: 64
round 88, starting client 19/50, id: 31
round 88, starting client 20/50, id: 15
round 88, starting client 21/50, id: 2
round 88, starting client 22/50, id: 14
round 88, starting client 23/50, id: 0
round 88, starting client 24/50, id: 47
round 88, starting client 25/50, id: 86
round 88, starting client 26/50, id: 94
round 88, starting client 27/50, id: 23
round 88, starting client 28/50, id: 89
round 88, starting client 29/50, id: 8
round 88, starting client 30/50, id: 19
round 88, starting client 31/50, id: 65
round 88, starting client 32/50, id: 82
round 88, starting client 33/50, id: 45
round 88, starting client 34/50, id: 13
round 88, starting client 35/50, id: 36
round 88, starting client 36/50, id: 96
round 88, starting client 37/50, id: 32
round 88, starting client 38/50, id: 25
round 88, starting client 39/50, id: 90
round 88, starting client 40/50, id: 12
round 88, starting client 41/50, id: 7
round 88, starting client 42/50, id: 46
round 88, starting client 43/50, id: 63
round 88, starting client 44/50, id: 38
round 88, starting client 45/50, id: 73
round 88, starting client 46/50, id: 39
round 88, starting client 47/50, id: 51
round 88, starting client 48/50, id: 77
round 88, starting client 49/50, id: 40
round 88, starting client 50/50, id: 28
round 88, validation acc: 0.9545
starting round 89
clients: [76 92 41 13 21 29 31 47 26 80 30 19 60 10 12 2 20 63 67 24 75 39 82
59
87 54 34 25 94 61 23 52 81 84 90 62 78 44 28 93 9 91 53 35 1 96 69 37

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0 72]

round 89, starting client 1/50, id: 76
round 89, starting client 2/50, id: 92
round 89, starting client 3/50, id: 41
round 89, starting client 4/50, id: 13
round 89, starting client 5/50, id: 21
round 89, starting client 6/50, id: 29
round 89, starting client 7/50, id: 31
round 89, starting client 8/50, id: 47
round 89, starting client 9/50, id: 26
round 89, starting client 10/50, id: 80
round 89, starting client 11/50, id: 30
round 89, starting client 12/50, id: 19
round 89, starting client 13/50, id: 60
round 89, starting client 14/50, id: 10
round 89, starting client 15/50, id: 12
round 89, starting client 16/50, id: 2
round 89, starting client 17/50, id: 20
round 89, starting client 18/50, id: 63
round 89, starting client 19/50, id: 67
round 89, starting client 20/50, id: 24
round 89, starting client 21/50, id: 75
round 89, starting client 22/50, id: 39
round 89, starting client 23/50, id: 82
round 89, starting client 24/50, id: 59
round 89, starting client 25/50, id: 87
round 89, starting client 26/50, id: 54
round 89, starting client 27/50, id: 34
round 89, starting client 28/50, id: 25
round 89, starting client 29/50, id: 94
round 89, starting client 30/50, id: 61
round 89, starting client 31/50, id: 23
round 89, starting client 32/50, id: 52
round 89, starting client 33/50, id: 81
round 89, starting client 34/50, id: 84
round 89, starting client 35/50, id: 90
round 89, starting client 36/50, id: 62
round 89, starting client 37/50, id: 78
round 89, starting client 38/50, id: 44
round 89, starting client 39/50, id: 28
round 89, starting client 40/50, id: 93
round 89, starting client 41/50, id: 9
round 89, starting client 42/50, id: 91
round 89, starting client 43/50, id: 53
round 89, starting client 44/50, id: 35
round 89, starting client 45/50, id: 1
round 89, starting client 46/50, id: 96
round 89, starting client 47/50, id: 69

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round 89, starting client 48/50, id: 37
round 89, starting client 49/50, id: 0
round 89, starting client 50/50, id: 72
round 89, validation acc: 0.9523
starting round 90
clients: [27 82 3 46 10 69 17 35 83 28 54 75 1 56 92 29 9 64 31 38 67 45 14
18
7 55 50 70 52 88 2 8 48 85 30 98 81 13 11 87 72 71 93 62 53 78 6 49
61 94]
round 90, starting client 1/50, id: 27
round 90, starting client 2/50, id: 82
round 90, starting client 3/50, id: 3
round 90, starting client 4/50, id: 46
round 90, starting client 5/50, id: 10
round 90, starting client 6/50, id: 69
round 90, starting client 7/50, id: 17
round 90, starting client 8/50, id: 35
round 90, starting client 9/50, id: 83
round 90, starting client 10/50, id: 28
round 90, starting client 11/50, id: 54
round 90, starting client 12/50, id: 75
round 90, starting client 13/50, id: 1
round 90, starting client 14/50, id: 56
round 90, starting client 15/50, id: 92
round 90, starting client 16/50, id: 29
round 90, starting client 17/50, id: 9
round 90, starting client 18/50, id: 64
round 90, starting client 19/50, id: 31
round 90, starting client 20/50, id: 38
round 90, starting client 21/50, id: 67
round 90, starting client 22/50, id: 45
round 90, starting client 23/50, id: 14
round 90, starting client 24/50, id: 18
round 90, starting client 25/50, id: 7
round 90, starting client 26/50, id: 55
round 90, starting client 27/50, id: 50
round 90, starting client 28/50, id: 70
round 90, starting client 29/50, id: 52
round 90, starting client 30/50, id: 88
round 90, starting client 31/50, id: 2
round 90, starting client 32/50, id: 8
round 90, starting client 33/50, id: 48
round 90, starting client 34/50, id: 85
round 90, starting client 35/50, id: 30
round 90, starting client 36/50, id: 98
round 90, starting client 37/50, id: 81
round 90, starting client 38/50, id: 13
round 90, starting client 39/50, id: 11

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round 90, starting client 40/50, id: 87
round 90, starting client 41/50, id: 72
round 90, starting client 42/50, id: 71
round 90, starting client 43/50, id: 93
round 90, starting client 44/50, id: 62
round 90, starting client 45/50, id: 53
round 90, starting client 46/50, id: 78
round 90, starting client 47/50, id: 6
round 90, starting client 48/50, id: 49
round 90, starting client 49/50, id: 61
round 90, starting client 50/50, id: 94
round 90, validation acc: 0.9519
starting round 91
clients: [97 92 78 40 10 25 65 35 95 71 39 98 73 8 26 7 20 33 16 81 5 30 44
52
37 14 80 56 62 75 61 66 49 83 1 84 43 47 57 54 31 60 74 29 58 68 51 93
67 87]
round 91, starting client 1/50, id: 97
round 91, starting client 2/50, id: 92
round 91, starting client 3/50, id: 78
round 91, starting client 4/50, id: 40
round 91, starting client 5/50, id: 10
round 91, starting client 6/50, id: 25
round 91, starting client 7/50, id: 65
round 91, starting client 8/50, id: 35
round 91, starting client 9/50, id: 95
round 91, starting client 10/50, id: 71
round 91, starting client 11/50, id: 39
round 91, starting client 12/50, id: 98
round 91, starting client 13/50, id: 73
round 91, starting client 14/50, id: 8
round 91, starting client 15/50, id: 26
round 91, starting client 16/50, id: 7
round 91, starting client 17/50, id: 20
round 91, starting client 18/50, id: 33
round 91, starting client 19/50, id: 16
round 91, starting client 20/50, id: 81
round 91, starting client 21/50, id: 5
round 91, starting client 22/50, id: 30
round 91, starting client 23/50, id: 44
round 91, starting client 24/50, id: 52
round 91, starting client 25/50, id: 37
round 91, starting client 26/50, id: 14
round 91, starting client 27/50, id: 80
round 91, starting client 28/50, id: 56
round 91, starting client 29/50, id: 62
round 91, starting client 30/50, id: 75
round 91, starting client 31/50, id: 61

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round 91, starting client 32/50, id: 66
round 91, starting client 33/50, id: 49
round 91, starting client 34/50, id: 83
round 91, starting client 35/50, id: 1
round 91, starting client 36/50, id: 84
round 91, starting client 37/50, id: 43
round 91, starting client 38/50, id: 47
round 91, starting client 39/50, id: 57
round 91, starting client 40/50, id: 54
round 91, starting client 41/50, id: 31
round 91, starting client 42/50, id: 60
round 91, starting client 43/50, id: 74
round 91, starting client 44/50, id: 29
round 91, starting client 45/50, id: 58
round 91, starting client 46/50, id: 68
round 91, starting client 47/50, id: 51
round 91, starting client 48/50, id: 93
round 91, starting client 49/50, id: 67
round 91, starting client 50/50, id: 87
round 91, validation acc: 0.9547
starting round 92
clients: [66 18 27 36 55 3 54 72 57 9 2 11 13 45 68 99 79 97 89 4 65 8 80
61
88 28 71 10 12 30 37 42 44 29 7 35 34 6 75 74 59 48 53 90 86 70 32 52
63 5]
round 92, starting client 1/50, id: 66
round 92, starting client 2/50, id: 18
round 92, starting client 3/50, id: 27
round 92, starting client 4/50, id: 36
round 92, starting client 5/50, id: 55
round 92, starting client 6/50, id: 3
round 92, starting client 7/50, id: 54
round 92, starting client 8/50, id: 72
round 92, starting client 9/50, id: 57
round 92, starting client 10/50, id: 9
round 92, starting client 11/50, id: 2
round 92, starting client 12/50, id: 11
round 92, starting client 13/50, id: 13
round 92, starting client 14/50, id: 45
round 92, starting client 15/50, id: 68
round 92, starting client 16/50, id: 99
round 92, starting client 17/50, id: 79
round 92, starting client 18/50, id: 97
round 92, starting client 19/50, id: 89
round 92, starting client 20/50, id: 4
round 92, starting client 21/50, id: 65
round 92, starting client 22/50, id: 8
round 92, starting client 23/50, id: 80

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round 92, starting client 24/50, id: 61
round 92, starting client 25/50, id: 88
round 92, starting client 26/50, id: 28
round 92, starting client 27/50, id: 71
round 92, starting client 28/50, id: 10
round 92, starting client 29/50, id: 12
round 92, starting client 30/50, id: 30
round 92, starting client 31/50, id: 37
round 92, starting client 32/50, id: 42
round 92, starting client 33/50, id: 44
round 92, starting client 34/50, id: 29
round 92, starting client 35/50, id: 7
round 92, starting client 36/50, id: 35
round 92, starting client 37/50, id: 34
round 92, starting client 38/50, id: 6
round 92, starting client 39/50, id: 75
round 92, starting client 40/50, id: 74
round 92, starting client 41/50, id: 59
round 92, starting client 42/50, id: 48
round 92, starting client 43/50, id: 53
round 92, starting client 44/50, id: 90
round 92, starting client 45/50, id: 86
round 92, starting client 46/50, id: 70
round 92, starting client 47/50, id: 32
round 92, starting client 48/50, id: 52
round 92, starting client 49/50, id: 63
round 92, starting client 50/50, id: 5
round 92, validation acc: 0.9573
starting round 93
clients: [81 14 53 92 10 27 78 68 1 55 88 95 39 37 29 70 3 50 67 15 44 73 90
87
43 79 5 26 64 18 12 97 89 25 69 9 7 8 51 49 35 52 71 36 84 59 4 86
66 54]
round 93, starting client 1/50, id: 81
round 93, starting client 2/50, id: 14
round 93, starting client 3/50, id: 53
round 93, starting client 4/50, id: 92
round 93, starting client 5/50, id: 10
round 93, starting client 6/50, id: 27
round 93, starting client 7/50, id: 78
round 93, starting client 8/50, id: 68
round 93, starting client 9/50, id: 1
round 93, starting client 10/50, id: 55
round 93, starting client 11/50, id: 88
round 93, starting client 12/50, id: 95
round 93, starting client 13/50, id: 39
round 93, starting client 14/50, id: 37
round 93, starting client 15/50, id: 29

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round 93, starting client 16/50, id: 70
round 93, starting client 17/50, id: 3
round 93, starting client 18/50, id: 50
round 93, starting client 19/50, id: 67
round 93, starting client 20/50, id: 15
round 93, starting client 21/50, id: 44
round 93, starting client 22/50, id: 73
round 93, starting client 23/50, id: 90
round 93, starting client 24/50, id: 87
round 93, starting client 25/50, id: 43
round 93, starting client 26/50, id: 79
round 93, starting client 27/50, id: 5
round 93, starting client 28/50, id: 26
round 93, starting client 29/50, id: 64
round 93, starting client 30/50, id: 18
round 93, starting client 31/50, id: 12
round 93, starting client 32/50, id: 97
round 93, starting client 33/50, id: 89
round 93, starting client 34/50, id: 25
round 93, starting client 35/50, id: 69
round 93, starting client 36/50, id: 9
round 93, starting client 37/50, id: 7
round 93, starting client 38/50, id: 8
round 93, starting client 39/50, id: 51
round 93, starting client 40/50, id: 49
round 93, starting client 41/50, id: 35
round 93, starting client 42/50, id: 52
round 93, starting client 43/50, id: 71
round 93, starting client 44/50, id: 36
round 93, starting client 45/50, id: 84
round 93, starting client 46/50, id: 59
round 93, starting client 47/50, id: 4
round 93, starting client 48/50, id: 86
round 93, starting client 49/50, id: 66
round 93, starting client 50/50, id: 54
round 93, validation acc: 0.9546
starting round 94
clients: [62 90 46 55 76 19 68 30 81 45 43 98 2 36 50 65 34 89 77 85 59 27 9
41
71 16 75 58 80 57 64 82 24 92 22 35 1 60 47 53 28 83 13 37 14 54 44 78
74 61]
round 94, starting client 1/50, id: 62
round 94, starting client 2/50, id: 90
round 94, starting client 3/50, id: 46
round 94, starting client 4/50, id: 55
round 94, starting client 5/50, id: 76
round 94, starting client 6/50, id: 19
round 94, starting client 7/50, id: 68

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round 94, starting client 8/50, id: 30
round 94, starting client 9/50, id: 81
round 94, starting client 10/50, id: 45
round 94, starting client 11/50, id: 43
round 94, starting client 12/50, id: 98
round 94, starting client 13/50, id: 2
round 94, starting client 14/50, id: 36
round 94, starting client 15/50, id: 50
round 94, starting client 16/50, id: 65
round 94, starting client 17/50, id: 34
round 94, starting client 18/50, id: 89
round 94, starting client 19/50, id: 77
round 94, starting client 20/50, id: 85
round 94, starting client 21/50, id: 59
round 94, starting client 22/50, id: 27
round 94, starting client 23/50, id: 9
round 94, starting client 24/50, id: 41
round 94, starting client 25/50, id: 71
round 94, starting client 26/50, id: 16
round 94, starting client 27/50, id: 75
round 94, starting client 28/50, id: 58
round 94, starting client 29/50, id: 80
round 94, starting client 30/50, id: 57
round 94, starting client 31/50, id: 64
round 94, starting client 32/50, id: 82
round 94, starting client 33/50, id: 24
round 94, starting client 34/50, id: 92
round 94, starting client 35/50, id: 22
round 94, starting client 36/50, id: 35
round 94, starting client 37/50, id: 1
round 94, starting client 38/50, id: 60
round 94, starting client 39/50, id: 47
round 94, starting client 40/50, id: 53
round 94, starting client 41/50, id: 28
round 94, starting client 42/50, id: 83
round 94, starting client 43/50, id: 13
round 94, starting client 44/50, id: 37
round 94, starting client 45/50, id: 14
round 94, starting client 46/50, id: 54
round 94, starting client 47/50, id: 44
round 94, starting client 48/50, id: 78
round 94, starting client 49/50, id: 74
round 94, starting client 50/50, id: 61
round 94, validation acc: 0.9552
starting round 95
clients: [46 31 15 61 2 40 75 60 80 63 54 92 42 88 90 74 86 18 17 8 9 58 59
50
77 91 11 19 85 5 96 72 13 67 65 0 36 16 95 57 73 20 39 97 3 94 70 4

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82 69]

round 95, starting client 1/50, id: 46
round 95, starting client 2/50, id: 31
round 95, starting client 3/50, id: 15
round 95, starting client 4/50, id: 61
round 95, starting client 5/50, id: 2
round 95, starting client 6/50, id: 40
round 95, starting client 7/50, id: 75
round 95, starting client 8/50, id: 60
round 95, starting client 9/50, id: 80
round 95, starting client 10/50, id: 63
round 95, starting client 11/50, id: 54
round 95, starting client 12/50, id: 92
round 95, starting client 13/50, id: 42
round 95, starting client 14/50, id: 88
round 95, starting client 15/50, id: 90
round 95, starting client 16/50, id: 74
round 95, starting client 17/50, id: 86
round 95, starting client 18/50, id: 18
round 95, starting client 19/50, id: 17
round 95, starting client 20/50, id: 8
round 95, starting client 21/50, id: 9
round 95, starting client 22/50, id: 58
round 95, starting client 23/50, id: 59
round 95, starting client 24/50, id: 50
round 95, starting client 25/50, id: 77
round 95, starting client 26/50, id: 91
round 95, starting client 27/50, id: 11
round 95, starting client 28/50, id: 19
round 95, starting client 29/50, id: 85
round 95, starting client 30/50, id: 5
round 95, starting client 31/50, id: 96
round 95, starting client 32/50, id: 72
round 95, starting client 33/50, id: 13
round 95, starting client 34/50, id: 67
round 95, starting client 35/50, id: 65
round 95, starting client 36/50, id: 0
round 95, starting client 37/50, id: 36
round 95, starting client 38/50, id: 16
round 95, starting client 39/50, id: 95
round 95, starting client 40/50, id: 57
round 95, starting client 41/50, id: 73
round 95, starting client 42/50, id: 20
round 95, starting client 43/50, id: 39
round 95, starting client 44/50, id: 97
round 95, starting client 45/50, id: 3
round 95, starting client 46/50, id: 94
round 95, starting client 47/50, id: 70


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round 95, starting client 48/50, id: 4
round 95, starting client 49/50, id: 82
round 95, starting client 50/50, id: 69
round 95, validation acc: 0.9563
starting round 96
clients: [ 2 29 28 7 72 27 61 1 16 40 60 58 33 66 94 30 4 0 21 80 23 91 87
68
44 52 26 20 73 57 11 93 36 59 89 97 65 98 34 41 71 37 15 38 47 95 10 64
13 83]
round 96, starting client 1/50, id: 2
round 96, starting client 2/50, id: 29
round 96, starting client 3/50, id: 28
round 96, starting client 4/50, id: 7
round 96, starting client 5/50, id: 72
round 96, starting client 6/50, id: 27
round 96, starting client 7/50, id: 61
round 96, starting client 8/50, id: 1
round 96, starting client 9/50, id: 16
round 96, starting client 10/50, id: 40
round 96, starting client 11/50, id: 60
round 96, starting client 12/50, id: 58
round 96, starting client 13/50, id: 33
round 96, starting client 14/50, id: 66
round 96, starting client 15/50, id: 94
round 96, starting client 16/50, id: 30
round 96, starting client 17/50, id: 4
round 96, starting client 18/50, id: 0
round 96, starting client 19/50, id: 21
round 96, starting client 20/50, id: 80
round 96, starting client 21/50, id: 23
round 96, starting client 22/50, id: 91
round 96, starting client 23/50, id: 87
round 96, starting client 24/50, id: 68
round 96, starting client 25/50, id: 44
round 96, starting client 26/50, id: 52
round 96, starting client 27/50, id: 26
round 96, starting client 28/50, id: 20
round 96, starting client 29/50, id: 73
round 96, starting client 30/50, id: 57
round 96, starting client 31/50, id: 11
round 96, starting client 32/50, id: 93
round 96, starting client 33/50, id: 36
round 96, starting client 34/50, id: 59
round 96, starting client 35/50, id: 89
round 96, starting client 36/50, id: 97
round 96, starting client 37/50, id: 65
round 96, starting client 38/50, id: 98
round 96, starting client 39/50, id: 34

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round 96, starting client 40/50, id: 41
round 96, starting client 41/50, id: 71
round 96, starting client 42/50, id: 37
round 96, starting client 43/50, id: 15
round 96, starting client 44/50, id: 38
round 96, starting client 45/50, id: 47
round 96, starting client 46/50, id: 95
round 96, starting client 47/50, id: 10
round 96, starting client 48/50, id: 64
round 96, starting client 49/50, id: 13
round 96, starting client 50/50, id: 83
round 96, validation acc: 0.9568
starting round 97
clients: [46 20 14 68 37 84 21 28 97 12 5 32 11 36 74 22 80 19 59 56 95 88 70
18
44 39 17 89 49 67 82 26 13 98 43 65 87 2 50 64 7 42 78 93 79 6 8 15
99 48]
round 97, starting client 1/50, id: 46
round 97, starting client 2/50, id: 20
round 97, starting client 3/50, id: 14
round 97, starting client 4/50, id: 68
round 97, starting client 5/50, id: 37
round 97, starting client 6/50, id: 84
round 97, starting client 7/50, id: 21
round 97, starting client 8/50, id: 28
round 97, starting client 9/50, id: 97
round 97, starting client 10/50, id: 12
round 97, starting client 11/50, id: 5
round 97, starting client 12/50, id: 32
round 97, starting client 13/50, id: 11
round 97, starting client 14/50, id: 36
round 97, starting client 15/50, id: 74
round 97, starting client 16/50, id: 22
round 97, starting client 17/50, id: 80
round 97, starting client 18/50, id: 19
round 97, starting client 19/50, id: 59
round 97, starting client 20/50, id: 56
round 97, starting client 21/50, id: 95
round 97, starting client 22/50, id: 88
round 97, starting client 23/50, id: 70
round 97, starting client 24/50, id: 18
round 97, starting client 25/50, id: 44
round 97, starting client 26/50, id: 39
round 97, starting client 27/50, id: 17
round 97, starting client 28/50, id: 89
round 97, starting client 29/50, id: 49
round 97, starting client 30/50, id: 67
round 97, starting client 31/50, id: 82

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round 97, starting client 32/50, id: 26
round 97, starting client 33/50, id: 13
round 97, starting client 34/50, id: 98
round 97, starting client 35/50, id: 43
round 97, starting client 36/50, id: 65
round 97, starting client 37/50, id: 87
round 97, starting client 38/50, id: 2
round 97, starting client 39/50, id: 50
round 97, starting client 40/50, id: 64
round 97, starting client 41/50, id: 7
round 97, starting client 42/50, id: 42
round 97, starting client 43/50, id: 78
round 97, starting client 44/50, id: 93
round 97, starting client 45/50, id: 79
round 97, starting client 46/50, id: 6
round 97, starting client 47/50, id: 8
round 97, starting client 48/50, id: 15
round 97, starting client 49/50, id: 99
round 97, starting client 50/50, id: 48
round 97, validation acc: 0.9558
starting round 98
clients: [51 0 18 52 79 5 67 56 89 2 99 44 73 7 90 42 14 15 53 87 38 21 63
32
11 71 31 88 82 48 97 3 65 45 22 28 58 68 33 19 83 80 35 69 93 86 37 55
70 66]
round 98, starting client 1/50, id: 51
round 98, starting client 2/50, id: 0
round 98, starting client 3/50, id: 18
round 98, starting client 4/50, id: 52
round 98, starting client 5/50, id: 79
round 98, starting client 6/50, id: 5
round 98, starting client 7/50, id: 67
round 98, starting client 8/50, id: 56
round 98, starting client 9/50, id: 89
round 98, starting client 10/50, id: 2
round 98, starting client 11/50, id: 99
round 98, starting client 12/50, id: 44
round 98, starting client 13/50, id: 73
round 98, starting client 14/50, id: 7
round 98, starting client 15/50, id: 90
round 98, starting client 16/50, id: 42
round 98, starting client 17/50, id: 14
round 98, starting client 18/50, id: 15
round 98, starting client 19/50, id: 53
round 98, starting client 20/50, id: 87
round 98, starting client 21/50, id: 38
round 98, starting client 22/50, id: 21
round 98, starting client 23/50, id: 63

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round 98, starting client 24/50, id: 32
round 98, starting client 25/50, id: 11
round 98, starting client 26/50, id: 71
round 98, starting client 27/50, id: 31
round 98, starting client 28/50, id: 88
round 98, starting client 29/50, id: 82
round 98, starting client 30/50, id: 48
round 98, starting client 31/50, id: 97
round 98, starting client 32/50, id: 3
round 98, starting client 33/50, id: 65
round 98, starting client 34/50, id: 45
round 98, starting client 35/50, id: 22
round 98, starting client 36/50, id: 28
round 98, starting client 37/50, id: 58
round 98, starting client 38/50, id: 68
round 98, starting client 39/50, id: 33
round 98, starting client 40/50, id: 19
round 98, starting client 41/50, id: 83
round 98, starting client 42/50, id: 80
round 98, starting client 43/50, id: 35
round 98, starting client 44/50, id: 69
round 98, starting client 45/50, id: 93
round 98, starting client 46/50, id: 86
round 98, starting client 47/50, id: 37
round 98, starting client 48/50, id: 55
round 98, starting client 49/50, id: 70
round 98, starting client 50/50, id: 66
round 98, validation acc: 0.9566
starting round 99
clients: [25 77 54 43 93 30 85 8 27 28 17 95 65 73 62 4 41 26 66 60 48 82 89
10
38 79 71 12 75 49 72 64 61 44 7 29 88 74 34 35 9 37 32 83 18 13 51 84
63 56]
round 99, starting client 1/50, id: 25
round 99, starting client 2/50, id: 77
round 99, starting client 3/50, id: 54
round 99, starting client 4/50, id: 43
round 99, starting client 5/50, id: 93
round 99, starting client 6/50, id: 30
round 99, starting client 7/50, id: 85
round 99, starting client 8/50, id: 8
round 99, starting client 9/50, id: 27
round 99, starting client 10/50, id: 28
round 99, starting client 11/50, id: 17
round 99, starting client 12/50, id: 95
round 99, starting client 13/50, id: 65
round 99, starting client 14/50, id: 73
round 99, starting client 15/50, id: 62

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round 99, starting client 16/50, id: 4
round 99, starting client 17/50, id: 41
round 99, starting client 18/50, id: 26
round 99, starting client 19/50, id: 66
round 99, starting client 20/50, id: 60
round 99, starting client 21/50, id: 48
round 99, starting client 22/50, id: 82
round 99, starting client 23/50, id: 89
round 99, starting client 24/50, id: 10
round 99, starting client 25/50, id: 38
round 99, starting client 26/50, id: 79
round 99, starting client 27/50, id: 71
round 99, starting client 28/50, id: 12
round 99, starting client 29/50, id: 75
round 99, starting client 30/50, id: 49
round 99, starting client 31/50, id: 72
round 99, starting client 32/50, id: 64
round 99, starting client 33/50, id: 61
round 99, starting client 34/50, id: 44
round 99, starting client 35/50, id: 7
round 99, starting client 36/50, id: 29
round 99, starting client 37/50, id: 88
round 99, starting client 38/50, id: 74
round 99, starting client 39/50, id: 34
round 99, starting client 40/50, id: 35
round 99, starting client 41/50, id: 9
round 99, starting client 42/50, id: 37
round 99, starting client 43/50, id: 32
round 99, starting client 44/50, id: 83
round 99, starting client 45/50, id: 18
round 99, starting client 46/50, id: 13
round 99, starting client 47/50, id: 51
round 99, starting client 48/50, id: 84
round 99, starting client 49/50, id: 63
round 99, starting client 50/50, id: 56
round 99, validation acc: 0.9579
starting round 100
clients: [76 7 96 45 67 71 20 1 30 48 25 31 10 43 15 16 80 0 28 66 86 93 57
62
52 14 19 50 12 78 5 47 68 58 79 9 95 72 61 32 18 34 3 33 89 35 92 56
23 87]
round 100, starting client 1/50, id: 76
round 100, starting client 2/50, id: 7
round 100, starting client 3/50, id: 96
round 100, starting client 4/50, id: 45
round 100, starting client 5/50, id: 67
round 100, starting client 6/50, id: 71
round 100, starting client 7/50, id: 20

```

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round 100, starting client 8/50, id: 1
round 100, starting client 9/50, id: 30
round 100, starting client 10/50, id: 48
round 100, starting client 11/50, id: 25
round 100, starting client 12/50, id: 31
round 100, starting client 13/50, id: 10
round 100, starting client 14/50, id: 43
round 100, starting client 15/50, id: 15
round 100, starting client 16/50, id: 16
round 100, starting client 17/50, id: 80
round 100, starting client 18/50, id: 0
round 100, starting client 19/50, id: 28
round 100, starting client 20/50, id: 66
round 100, starting client 21/50, id: 86
round 100, starting client 22/50, id: 93
round 100, starting client 23/50, id: 57
round 100, starting client 24/50, id: 62
round 100, starting client 25/50, id: 52
round 100, starting client 26/50, id: 14
round 100, starting client 27/50, id: 19
round 100, starting client 28/50, id: 50
round 100, starting client 29/50, id: 12
round 100, starting client 30/50, id: 78
round 100, starting client 31/50, id: 5
round 100, starting client 32/50, id: 47
round 100, starting client 33/50, id: 68
round 100, starting client 34/50, id: 58
round 100, starting client 35/50, id: 79
round 100, starting client 36/50, id: 9
round 100, starting client 37/50, id: 95
round 100, starting client 38/50, id: 72
round 100, starting client 39/50, id: 61
round 100, starting client 40/50, id: 32
round 100, starting client 41/50, id: 18
round 100, starting client 42/50, id: 34
round 100, starting client 43/50, id: 3
round 100, starting client 44/50, id: 33
round 100, starting client 45/50, id: 89
round 100, starting client 46/50, id: 35
round 100, starting client 47/50, id: 92
round 100, starting client 48/50, id: 56
round 100, starting client 49/50, id: 23
round 100, starting client 50/50, id: 87
round 100, validation acc: 0.9583
starting round 101
clients: [ 2 13 26 19 69 65 64 61 68 62 78 4 30 39 85 9 71 36 42 72 31 20 7
51
66 96 10 58 54 38 25 48 97 79 49 63 29 70 67 14 57 91 77 21 44 93 99 11

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18 0]

round 101, starting client 1/50, id: 2
round 101, starting client 2/50, id: 13
round 101, starting client 3/50, id: 26
round 101, starting client 4/50, id: 19
round 101, starting client 5/50, id: 69
round 101, starting client 6/50, id: 65
round 101, starting client 7/50, id: 64
round 101, starting client 8/50, id: 61
round 101, starting client 9/50, id: 68
round 101, starting client 10/50, id: 62
round 101, starting client 11/50, id: 78
round 101, starting client 12/50, id: 4
round 101, starting client 13/50, id: 30
round 101, starting client 14/50, id: 39
round 101, starting client 15/50, id: 85
round 101, starting client 16/50, id: 9
round 101, starting client 17/50, id: 71
round 101, starting client 18/50, id: 36
round 101, starting client 19/50, id: 42
round 101, starting client 20/50, id: 72
round 101, starting client 21/50, id: 31
round 101, starting client 22/50, id: 20
round 101, starting client 23/50, id: 7
round 101, starting client 24/50, id: 51
round 101, starting client 25/50, id: 66
round 101, starting client 26/50, id: 96
round 101, starting client 27/50, id: 10
round 101, starting client 28/50, id: 58
round 101, starting client 29/50, id: 54
round 101, starting client 30/50, id: 38
round 101, starting client 31/50, id: 25
round 101, starting client 32/50, id: 48
round 101, starting client 33/50, id: 97
round 101, starting client 34/50, id: 79
round 101, starting client 35/50, id: 49
round 101, starting client 36/50, id: 63
round 101, starting client 37/50, id: 29
round 101, starting client 38/50, id: 70
round 101, starting client 39/50, id: 67
round 101, starting client 40/50, id: 14
round 101, starting client 41/50, id: 57
round 101, starting client 42/50, id: 91
round 101, starting client 43/50, id: 77
round 101, starting client 44/50, id: 21
round 101, starting client 45/50, id: 44
round 101, starting client 46/50, id: 93
round 101, starting client 47/50, id: 99

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round 101, starting client 48/50, id: 11
round 101, starting client 49/50, id: 18
round 101, starting client 50/50, id: 0
round 101, validation acc: 0.9565
starting round 102
clients: [75 76 69 88 54 1 44 79 82 36 4 40 77 89 27 16 57 94 73 90 70 13 60
48
8 43 2 31 96 6 33 29 64 56 83 39 12 14 67 46 80 5 0 78 72 84 53 9
25 62]
round 102, starting client 1/50, id: 75
round 102, starting client 2/50, id: 76
round 102, starting client 3/50, id: 69
round 102, starting client 4/50, id: 88
round 102, starting client 5/50, id: 54
round 102, starting client 6/50, id: 1
round 102, starting client 7/50, id: 44
round 102, starting client 8/50, id: 79
round 102, starting client 9/50, id: 82
round 102, starting client 10/50, id: 36
round 102, starting client 11/50, id: 4
round 102, starting client 12/50, id: 40
round 102, starting client 13/50, id: 77
round 102, starting client 14/50, id: 89
round 102, starting client 15/50, id: 27
round 102, starting client 16/50, id: 16
round 102, starting client 17/50, id: 57
round 102, starting client 18/50, id: 94
round 102, starting client 19/50, id: 73
round 102, starting client 20/50, id: 90
round 102, starting client 21/50, id: 70
round 102, starting client 22/50, id: 13
round 102, starting client 23/50, id: 60
round 102, starting client 24/50, id: 48
round 102, starting client 25/50, id: 8
round 102, starting client 26/50, id: 43
round 102, starting client 27/50, id: 2
round 102, starting client 28/50, id: 31
round 102, starting client 29/50, id: 96
round 102, starting client 30/50, id: 6
round 102, starting client 31/50, id: 33
round 102, starting client 32/50, id: 29
round 102, starting client 33/50, id: 64
round 102, starting client 34/50, id: 56
round 102, starting client 35/50, id: 83
round 102, starting client 36/50, id: 39
round 102, starting client 37/50, id: 12
round 102, starting client 38/50, id: 14
round 102, starting client 39/50, id: 67

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round 102, starting client 40/50, id: 46
round 102, starting client 41/50, id: 80
round 102, starting client 42/50, id: 5
round 102, starting client 43/50, id: 0
round 102, starting client 44/50, id: 78
round 102, starting client 45/50, id: 72
round 102, starting client 46/50, id: 84
round 102, starting client 47/50, id: 53
round 102, starting client 48/50, id: 9
round 102, starting client 49/50, id: 25
round 102, starting client 50/50, id: 62
round 102, validation acc: 0.9572
starting round 103
clients: [ 1  4  3 60 89  0 38 59 13 10 61 30 67 70 12 94 23 66 41 29 11 22 83
28
15 95 69 52 71 26 51 85 37 45 36  9 90  5 55  8 75 50 62 53 49 57 72 20
92 46]
round 103, starting client 1/50, id: 1
round 103, starting client 2/50, id: 4
round 103, starting client 3/50, id: 3
round 103, starting client 4/50, id: 60
round 103, starting client 5/50, id: 89
round 103, starting client 6/50, id: 0
round 103, starting client 7/50, id: 38
round 103, starting client 8/50, id: 59
round 103, starting client 9/50, id: 13
round 103, starting client 10/50, id: 10
round 103, starting client 11/50, id: 61
round 103, starting client 12/50, id: 30
round 103, starting client 13/50, id: 67
round 103, starting client 14/50, id: 70
round 103, starting client 15/50, id: 12
round 103, starting client 16/50, id: 94
round 103, starting client 17/50, id: 23
round 103, starting client 18/50, id: 66
round 103, starting client 19/50, id: 41
round 103, starting client 20/50, id: 29
round 103, starting client 21/50, id: 11
round 103, starting client 22/50, id: 22
round 103, starting client 23/50, id: 83
round 103, starting client 24/50, id: 28
round 103, starting client 25/50, id: 15
round 103, starting client 26/50, id: 95
round 103, starting client 27/50, id: 69
round 103, starting client 28/50, id: 52
round 103, starting client 29/50, id: 71
round 103, starting client 30/50, id: 26
round 103, starting client 31/50, id: 51

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round 103, starting client 32/50, id: 85
round 103, starting client 33/50, id: 37
round 103, starting client 34/50, id: 45
round 103, starting client 35/50, id: 36
round 103, starting client 36/50, id: 9
round 103, starting client 37/50, id: 90
round 103, starting client 38/50, id: 5
round 103, starting client 39/50, id: 55
round 103, starting client 40/50, id: 8
round 103, starting client 41/50, id: 75
round 103, starting client 42/50, id: 50
round 103, starting client 43/50, id: 62
round 103, starting client 44/50, id: 53
round 103, starting client 45/50, id: 49
round 103, starting client 46/50, id: 57
round 103, starting client 47/50, id: 72
round 103, starting client 48/50, id: 20
round 103, starting client 49/50, id: 92
round 103, starting client 50/50, id: 46
round 103, validation acc: 0.9589
starting round 104
clients: [57  3 44 69 84 14 10 89 53 15 16 74  6 62 95 49 65  4 19 59 28 11 82
0
 48 21 38 37 31 81 85 98 96 56 94 29 46 32 97  5 68 70 91 51 20 22 61 42
64 87]
round 104, starting client 1/50, id: 57
round 104, starting client 2/50, id: 3
round 104, starting client 3/50, id: 44
round 104, starting client 4/50, id: 69
round 104, starting client 5/50, id: 84
round 104, starting client 6/50, id: 14
round 104, starting client 7/50, id: 10
round 104, starting client 8/50, id: 89
round 104, starting client 9/50, id: 53
round 104, starting client 10/50, id: 15
round 104, starting client 11/50, id: 16
round 104, starting client 12/50, id: 74
round 104, starting client 13/50, id: 6
round 104, starting client 14/50, id: 62
round 104, starting client 15/50, id: 95
round 104, starting client 16/50, id: 49
round 104, starting client 17/50, id: 65
round 104, starting client 18/50, id: 4
round 104, starting client 19/50, id: 19
round 104, starting client 20/50, id: 59
round 104, starting client 21/50, id: 28
round 104, starting client 22/50, id: 11
round 104, starting client 23/50, id: 82

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round 104, starting client 24/50, id: 0
round 104, starting client 25/50, id: 48
round 104, starting client 26/50, id: 21
round 104, starting client 27/50, id: 38
round 104, starting client 28/50, id: 37
round 104, starting client 29/50, id: 31
round 104, starting client 30/50, id: 81
round 104, starting client 31/50, id: 85
round 104, starting client 32/50, id: 98
round 104, starting client 33/50, id: 96
round 104, starting client 34/50, id: 56
round 104, starting client 35/50, id: 94
round 104, starting client 36/50, id: 29
round 104, starting client 37/50, id: 46
round 104, starting client 38/50, id: 32
round 104, starting client 39/50, id: 97
round 104, starting client 40/50, id: 5
round 104, starting client 41/50, id: 68
round 104, starting client 42/50, id: 70
round 104, starting client 43/50, id: 91
round 104, starting client 44/50, id: 51
round 104, starting client 45/50, id: 20
round 104, starting client 46/50, id: 22
round 104, starting client 47/50, id: 61
round 104, starting client 48/50, id: 42
round 104, starting client 49/50, id: 64
round 104, starting client 50/50, id: 87
round 104, validation acc: 0.9564
starting round 105
clients: [33 6 82 19 21 48 44 46 38 42 80 73 37 16 65 62 92 91 85 30 83 1 7
78
58 79 90 32 72 66 31 84 97 36 34 13 26 22 95 3 67 39 11 50 20 14 68 93
86 28]
round 105, starting client 1/50, id: 33
round 105, starting client 2/50, id: 6
round 105, starting client 3/50, id: 82
round 105, starting client 4/50, id: 19
round 105, starting client 5/50, id: 21
round 105, starting client 6/50, id: 48
round 105, starting client 7/50, id: 44
round 105, starting client 8/50, id: 46
round 105, starting client 9/50, id: 38
round 105, starting client 10/50, id: 42
round 105, starting client 11/50, id: 80
round 105, starting client 12/50, id: 73
round 105, starting client 13/50, id: 37
round 105, starting client 14/50, id: 16
round 105, starting client 15/50, id: 65

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round 105, starting client 16/50, id: 62
round 105, starting client 17/50, id: 92
round 105, starting client 18/50, id: 91
round 105, starting client 19/50, id: 85
round 105, starting client 20/50, id: 30
round 105, starting client 21/50, id: 83
round 105, starting client 22/50, id: 1
round 105, starting client 23/50, id: 7
round 105, starting client 24/50, id: 78
round 105, starting client 25/50, id: 58
round 105, starting client 26/50, id: 79
round 105, starting client 27/50, id: 90
round 105, starting client 28/50, id: 32
round 105, starting client 29/50, id: 72
round 105, starting client 30/50, id: 66
round 105, starting client 31/50, id: 31
round 105, starting client 32/50, id: 84
round 105, starting client 33/50, id: 97
round 105, starting client 34/50, id: 36
round 105, starting client 35/50, id: 34
round 105, starting client 36/50, id: 13
round 105, starting client 37/50, id: 26
round 105, starting client 38/50, id: 22
round 105, starting client 39/50, id: 95
round 105, starting client 40/50, id: 3
round 105, starting client 41/50, id: 67
round 105, starting client 42/50, id: 39
round 105, starting client 43/50, id: 11
round 105, starting client 44/50, id: 50
round 105, starting client 45/50, id: 20
round 105, starting client 46/50, id: 14
round 105, starting client 47/50, id: 68
round 105, starting client 48/50, id: 93
round 105, starting client 49/50, id: 86
round 105, starting client 50/50, id: 28
round 105, validation acc: 0.9576
starting round 106
clients: [46 57 47 16 22 17 89 80 93 6 25 37 10 53 11 30 85 95 61 69 18 44 91
39
62 98 28 96 83 88 27 90 99 86 2 66 67 78 65 82 84 49 35 63 43 74 32 0
24 36]
round 106, starting client 1/50, id: 46
round 106, starting client 2/50, id: 57
round 106, starting client 3/50, id: 47
round 106, starting client 4/50, id: 16
round 106, starting client 5/50, id: 22
round 106, starting client 6/50, id: 17
round 106, starting client 7/50, id: 89

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round 106, starting client 8/50, id: 80
round 106, starting client 9/50, id: 93
round 106, starting client 10/50, id: 6
round 106, starting client 11/50, id: 25
round 106, starting client 12/50, id: 37
round 106, starting client 13/50, id: 10
round 106, starting client 14/50, id: 53
round 106, starting client 15/50, id: 11
round 106, starting client 16/50, id: 30
round 106, starting client 17/50, id: 85
round 106, starting client 18/50, id: 95
round 106, starting client 19/50, id: 61
round 106, starting client 20/50, id: 69
round 106, starting client 21/50, id: 18
round 106, starting client 22/50, id: 44
round 106, starting client 23/50, id: 91
round 106, starting client 24/50, id: 39
round 106, starting client 25/50, id: 62
round 106, starting client 26/50, id: 98
round 106, starting client 27/50, id: 28
round 106, starting client 28/50, id: 96
round 106, starting client 29/50, id: 83
round 106, starting client 30/50, id: 88
round 106, starting client 31/50, id: 27
round 106, starting client 32/50, id: 90
round 106, starting client 33/50, id: 99
round 106, starting client 34/50, id: 86
round 106, starting client 35/50, id: 2
round 106, starting client 36/50, id: 66
round 106, starting client 37/50, id: 67
round 106, starting client 38/50, id: 78
round 106, starting client 39/50, id: 65
round 106, starting client 40/50, id: 82
round 106, starting client 41/50, id: 84
round 106, starting client 42/50, id: 49
round 106, starting client 43/50, id: 35
round 106, starting client 44/50, id: 63
round 106, starting client 45/50, id: 43
round 106, starting client 46/50, id: 74
round 106, starting client 47/50, id: 32
round 106, starting client 48/50, id: 0
round 106, starting client 49/50, id: 24
round 106, starting client 50/50, id: 36
round 106, validation acc: 0.9558
starting round 107
clients: [74 24 41 1 73 17 32 5 27 10 33 28 88 93 85 89 38 79 59 62 46 19 13
31
56 52 71 44 86 0 70 83 76 87 15 80 92 34 16 90 20 42 53 7 43 64 95 54

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9 61]

round 107, starting client 1/50, id: 74
round 107, starting client 2/50, id: 24
round 107, starting client 3/50, id: 41
round 107, starting client 4/50, id: 1
round 107, starting client 5/50, id: 73
round 107, starting client 6/50, id: 17
round 107, starting client 7/50, id: 32
round 107, starting client 8/50, id: 5
round 107, starting client 9/50, id: 27
round 107, starting client 10/50, id: 10
round 107, starting client 11/50, id: 33
round 107, starting client 12/50, id: 28
round 107, starting client 13/50, id: 88
round 107, starting client 14/50, id: 93
round 107, starting client 15/50, id: 85
round 107, starting client 16/50, id: 89
round 107, starting client 17/50, id: 38
round 107, starting client 18/50, id: 79
round 107, starting client 19/50, id: 59
round 107, starting client 20/50, id: 62
round 107, starting client 21/50, id: 46
round 107, starting client 22/50, id: 19
round 107, starting client 23/50, id: 13
round 107, starting client 24/50, id: 31
round 107, starting client 25/50, id: 56
round 107, starting client 26/50, id: 52
round 107, starting client 27/50, id: 71
round 107, starting client 28/50, id: 44
round 107, starting client 29/50, id: 86
round 107, starting client 30/50, id: 0
round 107, starting client 31/50, id: 70
round 107, starting client 32/50, id: 83
round 107, starting client 33/50, id: 76
round 107, starting client 34/50, id: 87
round 107, starting client 35/50, id: 15
round 107, starting client 36/50, id: 80
round 107, starting client 37/50, id: 92
round 107, starting client 38/50, id: 34
round 107, starting client 39/50, id: 16
round 107, starting client 40/50, id: 90
round 107, starting client 41/50, id: 20
round 107, starting client 42/50, id: 42
round 107, starting client 43/50, id: 53
round 107, starting client 44/50, id: 7
round 107, starting client 45/50, id: 43
round 107, starting client 46/50, id: 64
round 107, starting client 47/50, id: 95

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round 107, starting client 48/50, id: 54
round 107, starting client 49/50, id: 9
round 107, starting client 50/50, id: 61
round 107, validation acc: 0.9608
starting round 108
clients: [19 10 12 83 41 91 55 70 88 59 77 79 7 99 46 56 64 92 60 24 40 11 0
32
21 26 69 71 13 47 25 54 4 38 3 28 23 97 61 82 39 17 53 95 18 43 51 15
72 16]
round 108, starting client 1/50, id: 19
round 108, starting client 2/50, id: 10
round 108, starting client 3/50, id: 12
round 108, starting client 4/50, id: 83
round 108, starting client 5/50, id: 41
round 108, starting client 6/50, id: 91
round 108, starting client 7/50, id: 55
round 108, starting client 8/50, id: 70
round 108, starting client 9/50, id: 88
round 108, starting client 10/50, id: 59
round 108, starting client 11/50, id: 77
round 108, starting client 12/50, id: 79
round 108, starting client 13/50, id: 7
round 108, starting client 14/50, id: 99
round 108, starting client 15/50, id: 46
round 108, starting client 16/50, id: 56
round 108, starting client 17/50, id: 64
round 108, starting client 18/50, id: 92
round 108, starting client 19/50, id: 60
round 108, starting client 20/50, id: 24
round 108, starting client 21/50, id: 40
round 108, starting client 22/50, id: 11
round 108, starting client 23/50, id: 0
round 108, starting client 24/50, id: 32
round 108, starting client 25/50, id: 21
round 108, starting client 26/50, id: 26
round 108, starting client 27/50, id: 69
round 108, starting client 28/50, id: 71
round 108, starting client 29/50, id: 13
round 108, starting client 30/50, id: 47
round 108, starting client 31/50, id: 25
round 108, starting client 32/50, id: 54
round 108, starting client 33/50, id: 4
round 108, starting client 34/50, id: 38
round 108, starting client 35/50, id: 3
round 108, starting client 36/50, id: 28
round 108, starting client 37/50, id: 23
round 108, starting client 38/50, id: 97
round 108, starting client 39/50, id: 61

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round 108, starting client 40/50, id: 82
round 108, starting client 41/50, id: 39
round 108, starting client 42/50, id: 17
round 108, starting client 43/50, id: 53
round 108, starting client 44/50, id: 95
round 108, starting client 45/50, id: 18
round 108, starting client 46/50, id: 43
round 108, starting client 47/50, id: 51
round 108, starting client 48/50, id: 15
round 108, starting client 49/50, id: 72
round 108, starting client 50/50, id: 16
round 108, validation acc: 0.9598
starting round 109
clients: [58 11 91 70 89 7 72 46 5 38 80 29 59 39 15 53 98 31 54 34 18 4 77
16
94 24 47 51 78 2 40 14 64 25 69 17 96 48 56 88 41 71 87 60 30 23 22 19
67 0]
round 109, starting client 1/50, id: 58
round 109, starting client 2/50, id: 11
round 109, starting client 3/50, id: 91
round 109, starting client 4/50, id: 70
round 109, starting client 5/50, id: 89
round 109, starting client 6/50, id: 7
round 109, starting client 7/50, id: 72
round 109, starting client 8/50, id: 46
round 109, starting client 9/50, id: 5
round 109, starting client 10/50, id: 38
round 109, starting client 11/50, id: 80
round 109, starting client 12/50, id: 29
round 109, starting client 13/50, id: 59
round 109, starting client 14/50, id: 39
round 109, starting client 15/50, id: 15
round 109, starting client 16/50, id: 53
round 109, starting client 17/50, id: 98
round 109, starting client 18/50, id: 31
round 109, starting client 19/50, id: 54
round 109, starting client 20/50, id: 34
round 109, starting client 21/50, id: 18
round 109, starting client 22/50, id: 4
round 109, starting client 23/50, id: 77
round 109, starting client 24/50, id: 16
round 109, starting client 25/50, id: 94
round 109, starting client 26/50, id: 24
round 109, starting client 27/50, id: 47
round 109, starting client 28/50, id: 51
round 109, starting client 29/50, id: 78
round 109, starting client 30/50, id: 2
round 109, starting client 31/50, id: 40

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round 109, starting client 32/50, id: 14
round 109, starting client 33/50, id: 64
round 109, starting client 34/50, id: 25
round 109, starting client 35/50, id: 69
round 109, starting client 36/50, id: 17
round 109, starting client 37/50, id: 96
round 109, starting client 38/50, id: 48
round 109, starting client 39/50, id: 56
round 109, starting client 40/50, id: 88
round 109, starting client 41/50, id: 41
round 109, starting client 42/50, id: 71
round 109, starting client 43/50, id: 87
round 109, starting client 44/50, id: 60
round 109, starting client 45/50, id: 30
round 109, starting client 46/50, id: 23
round 109, starting client 47/50, id: 22
round 109, starting client 48/50, id: 19
round 109, starting client 49/50, id: 67
round 109, starting client 50/50, id: 0
round 109, validation acc: 0.9562
starting round 110
clients: [49 45 14 76 73 36 21 24 84 13 15 82 59 35 32 55 97 41 43 77 54 11 42
87
95 80 33 93 83 5 86 48 47 67 79 65 57 12 38 60 72 17 26 56 25 94 51 37
50 3]
round 110, starting client 1/50, id: 49
round 110, starting client 2/50, id: 45
round 110, starting client 3/50, id: 14
round 110, starting client 4/50, id: 76
round 110, starting client 5/50, id: 73
round 110, starting client 6/50, id: 36
round 110, starting client 7/50, id: 21
round 110, starting client 8/50, id: 24
round 110, starting client 9/50, id: 84
round 110, starting client 10/50, id: 13
round 110, starting client 11/50, id: 15
round 110, starting client 12/50, id: 82
round 110, starting client 13/50, id: 59
round 110, starting client 14/50, id: 35
round 110, starting client 15/50, id: 32
round 110, starting client 16/50, id: 55
round 110, starting client 17/50, id: 97
round 110, starting client 18/50, id: 41
round 110, starting client 19/50, id: 43
round 110, starting client 20/50, id: 77
round 110, starting client 21/50, id: 54
round 110, starting client 22/50, id: 11
round 110, starting client 23/50, id: 42

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round 110, starting client 24/50, id: 87
round 110, starting client 25/50, id: 95
round 110, starting client 26/50, id: 80
round 110, starting client 27/50, id: 33
round 110, starting client 28/50, id: 93
round 110, starting client 29/50, id: 83
round 110, starting client 30/50, id: 5
round 110, starting client 31/50, id: 86
round 110, starting client 32/50, id: 48
round 110, starting client 33/50, id: 47
round 110, starting client 34/50, id: 67
round 110, starting client 35/50, id: 79
round 110, starting client 36/50, id: 65
round 110, starting client 37/50, id: 57
round 110, starting client 38/50, id: 12
round 110, starting client 39/50, id: 38
round 110, starting client 40/50, id: 60
round 110, starting client 41/50, id: 72
round 110, starting client 42/50, id: 17
round 110, starting client 43/50, id: 26
round 110, starting client 44/50, id: 56
round 110, starting client 45/50, id: 25
round 110, starting client 46/50, id: 94
round 110, starting client 47/50, id: 51
round 110, starting client 48/50, id: 37
round 110, starting client 49/50, id: 50
round 110, starting client 50/50, id: 3
round 110, validation acc: 0.9577
starting round 111
clients: [44 88 75 61 80 84 78 19 4 40 3 2 6 91 47 5 31 46 95 42 34 49 63
7
0 26 68 62 66 98 39 93 41 67 65 52 70 74 71 16 9 64 92 30 36 51 69 24
43 25]
round 111, starting client 1/50, id: 44
round 111, starting client 2/50, id: 88
round 111, starting client 3/50, id: 75
round 111, starting client 4/50, id: 61
round 111, starting client 5/50, id: 80
round 111, starting client 6/50, id: 84
round 111, starting client 7/50, id: 78
round 111, starting client 8/50, id: 19
round 111, starting client 9/50, id: 4
round 111, starting client 10/50, id: 40
round 111, starting client 11/50, id: 3
round 111, starting client 12/50, id: 2
round 111, starting client 13/50, id: 6
round 111, starting client 14/50, id: 91
round 111, starting client 15/50, id: 47

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round 111, starting client 16/50, id: 5
round 111, starting client 17/50, id: 31
round 111, starting client 18/50, id: 46
round 111, starting client 19/50, id: 95
round 111, starting client 20/50, id: 42
round 111, starting client 21/50, id: 34
round 111, starting client 22/50, id: 49
round 111, starting client 23/50, id: 63
round 111, starting client 24/50, id: 7
round 111, starting client 25/50, id: 0
round 111, starting client 26/50, id: 26
round 111, starting client 27/50, id: 68
round 111, starting client 28/50, id: 62
round 111, starting client 29/50, id: 66
round 111, starting client 30/50, id: 98
round 111, starting client 31/50, id: 39
round 111, starting client 32/50, id: 93
round 111, starting client 33/50, id: 41
round 111, starting client 34/50, id: 67
round 111, starting client 35/50, id: 65
round 111, starting client 36/50, id: 52
round 111, starting client 37/50, id: 70
round 111, starting client 38/50, id: 74
round 111, starting client 39/50, id: 71
round 111, starting client 40/50, id: 16
round 111, starting client 41/50, id: 9
round 111, starting client 42/50, id: 64
round 111, starting client 43/50, id: 92
round 111, starting client 44/50, id: 30
round 111, starting client 45/50, id: 36
round 111, starting client 46/50, id: 51
round 111, starting client 47/50, id: 69
round 111, starting client 48/50, id: 24
round 111, starting client 49/50, id: 43
round 111, starting client 50/50, id: 25
round 111, validation acc: 0.9595
starting round 112
clients: [ 5 36 54 40 72 57 71 85 61 37 95 69 19 16 15 73 70 45 83 13 24 46 92
23
 9 68 20 28 66 51 74 55 39 96 50 86 41 17 29 76 81 31 34 82 59 33 44 8
62 93]
round 112, starting client 1/50, id: 5
round 112, starting client 2/50, id: 36
round 112, starting client 3/50, id: 54
round 112, starting client 4/50, id: 40
round 112, starting client 5/50, id: 72
round 112, starting client 6/50, id: 57
round 112, starting client 7/50, id: 71

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round 112, starting client 8/50, id: 85
round 112, starting client 9/50, id: 61
round 112, starting client 10/50, id: 37
round 112, starting client 11/50, id: 95
round 112, starting client 12/50, id: 69
round 112, starting client 13/50, id: 19
round 112, starting client 14/50, id: 16
round 112, starting client 15/50, id: 15
round 112, starting client 16/50, id: 73
round 112, starting client 17/50, id: 70
round 112, starting client 18/50, id: 45
round 112, starting client 19/50, id: 83
round 112, starting client 20/50, id: 13
round 112, starting client 21/50, id: 24
round 112, starting client 22/50, id: 46
round 112, starting client 23/50, id: 92
round 112, starting client 24/50, id: 23
round 112, starting client 25/50, id: 9
round 112, starting client 26/50, id: 68
round 112, starting client 27/50, id: 20
round 112, starting client 28/50, id: 28
round 112, starting client 29/50, id: 66
round 112, starting client 30/50, id: 51
round 112, starting client 31/50, id: 74
round 112, starting client 32/50, id: 55
round 112, starting client 33/50, id: 39
round 112, starting client 34/50, id: 96
round 112, starting client 35/50, id: 50
round 112, starting client 36/50, id: 86
round 112, starting client 37/50, id: 41
round 112, starting client 38/50, id: 17
round 112, starting client 39/50, id: 29
round 112, starting client 40/50, id: 76
round 112, starting client 41/50, id: 81
round 112, starting client 42/50, id: 31
round 112, starting client 43/50, id: 34
round 112, starting client 44/50, id: 82
round 112, starting client 45/50, id: 59
round 112, starting client 46/50, id: 33
round 112, starting client 47/50, id: 44
round 112, starting client 48/50, id: 8
round 112, starting client 49/50, id: 62
round 112, starting client 50/50, id: 93
round 112, validation acc: 0.9614
starting round 113
clients: [48 46 2 93 40 95 72 22 19 53 35 13 80 14 75 57 9 29 60 77 66 88 56
16
12 34 52 63 38 61 17 64 68 1 42 70 41 21 32 27 31 30 79 69 98 90 49 47

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91 86]

round 113, starting client 1/50, id: 48
round 113, starting client 2/50, id: 46
round 113, starting client 3/50, id: 2
round 113, starting client 4/50, id: 93
round 113, starting client 5/50, id: 40
round 113, starting client 6/50, id: 95
round 113, starting client 7/50, id: 72
round 113, starting client 8/50, id: 22
round 113, starting client 9/50, id: 19
round 113, starting client 10/50, id: 53
round 113, starting client 11/50, id: 35
round 113, starting client 12/50, id: 13
round 113, starting client 13/50, id: 80
round 113, starting client 14/50, id: 14
round 113, starting client 15/50, id: 75
round 113, starting client 16/50, id: 57
round 113, starting client 17/50, id: 9
round 113, starting client 18/50, id: 29
round 113, starting client 19/50, id: 60
round 113, starting client 20/50, id: 77
round 113, starting client 21/50, id: 66
round 113, starting client 22/50, id: 88
round 113, starting client 23/50, id: 56
round 113, starting client 24/50, id: 16
round 113, starting client 25/50, id: 12
round 113, starting client 26/50, id: 34
round 113, starting client 27/50, id: 52
round 113, starting client 28/50, id: 63
round 113, starting client 29/50, id: 38
round 113, starting client 30/50, id: 61
round 113, starting client 31/50, id: 17
round 113, starting client 32/50, id: 64
round 113, starting client 33/50, id: 68
round 113, starting client 34/50, id: 1
round 113, starting client 35/50, id: 42
round 113, starting client 36/50, id: 70
round 113, starting client 37/50, id: 41
round 113, starting client 38/50, id: 21
round 113, starting client 39/50, id: 32
round 113, starting client 40/50, id: 27
round 113, starting client 41/50, id: 31
round 113, starting client 42/50, id: 30
round 113, starting client 43/50, id: 79
round 113, starting client 44/50, id: 69
round 113, starting client 45/50, id: 98
round 113, starting client 46/50, id: 90
round 113, starting client 47/50, id: 49

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round 113, starting client 48/50, id: 47
round 113, starting client 49/50, id: 91
round 113, starting client 50/50, id: 86
round 113, validation acc: 0.9597
starting round 114
clients: [38 26 72 94 39  3 52 76 68 62 30 46 16 31 49 93 19 88 24  6 83 79 37
9
48 40  5 91 90 29 92 74 14 95 53 41 18 51 42 61 50 22 67 58 25 43 21 20
32 4]
round 114, starting client 1/50, id: 38
round 114, starting client 2/50, id: 26
round 114, starting client 3/50, id: 72
round 114, starting client 4/50, id: 94
round 114, starting client 5/50, id: 39
round 114, starting client 6/50, id: 3
round 114, starting client 7/50, id: 52
round 114, starting client 8/50, id: 76
round 114, starting client 9/50, id: 68
round 114, starting client 10/50, id: 62
round 114, starting client 11/50, id: 30
round 114, starting client 12/50, id: 46
round 114, starting client 13/50, id: 16
round 114, starting client 14/50, id: 31
round 114, starting client 15/50, id: 49
round 114, starting client 16/50, id: 93
round 114, starting client 17/50, id: 19
round 114, starting client 18/50, id: 88
round 114, starting client 19/50, id: 24
round 114, starting client 20/50, id: 6
round 114, starting client 21/50, id: 83
round 114, starting client 22/50, id: 79
round 114, starting client 23/50, id: 37
round 114, starting client 24/50, id: 9
round 114, starting client 25/50, id: 48
round 114, starting client 26/50, id: 40
round 114, starting client 27/50, id: 5
round 114, starting client 28/50, id: 91
round 114, starting client 29/50, id: 90
round 114, starting client 30/50, id: 29
round 114, starting client 31/50, id: 92
round 114, starting client 32/50, id: 74
round 114, starting client 33/50, id: 14
round 114, starting client 34/50, id: 95
round 114, starting client 35/50, id: 53
round 114, starting client 36/50, id: 41
round 114, starting client 37/50, id: 18
round 114, starting client 38/50, id: 51
round 114, starting client 39/50, id: 42

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round 114, starting client 40/50, id: 61
round 114, starting client 41/50, id: 50
round 114, starting client 42/50, id: 22
round 114, starting client 43/50, id: 67
round 114, starting client 44/50, id: 58
round 114, starting client 45/50, id: 25
round 114, starting client 46/50, id: 43
round 114, starting client 47/50, id: 21
round 114, starting client 48/50, id: 20
round 114, starting client 49/50, id: 32
round 114, starting client 50/50, id: 4
round 114, validation acc: 0.9599
starting round 115
clients: [47 35 39 38 42 74 4 77 54 53 32 96 19 94 29 18 82 55 56 69 84 22 62
24
50 17 87 36 83 61 34 76 78 60 91 7 51 72 14 6 90 31 28 58 89 93 20 52
45 30]
round 115, starting client 1/50, id: 47
round 115, starting client 2/50, id: 35
round 115, starting client 3/50, id: 39
round 115, starting client 4/50, id: 38
round 115, starting client 5/50, id: 42
round 115, starting client 6/50, id: 74
round 115, starting client 7/50, id: 4
round 115, starting client 8/50, id: 77
round 115, starting client 9/50, id: 54
round 115, starting client 10/50, id: 53
round 115, starting client 11/50, id: 32
round 115, starting client 12/50, id: 96
round 115, starting client 13/50, id: 19
round 115, starting client 14/50, id: 94
round 115, starting client 15/50, id: 29
round 115, starting client 16/50, id: 18
round 115, starting client 17/50, id: 82
round 115, starting client 18/50, id: 55
round 115, starting client 19/50, id: 56
round 115, starting client 20/50, id: 69
round 115, starting client 21/50, id: 84
round 115, starting client 22/50, id: 22
round 115, starting client 23/50, id: 62
round 115, starting client 24/50, id: 24
round 115, starting client 25/50, id: 50
round 115, starting client 26/50, id: 17
round 115, starting client 27/50, id: 87
round 115, starting client 28/50, id: 36
round 115, starting client 29/50, id: 83
round 115, starting client 30/50, id: 61
round 115, starting client 31/50, id: 34

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round 115, starting client 32/50, id: 76
round 115, starting client 33/50, id: 78
round 115, starting client 34/50, id: 60
round 115, starting client 35/50, id: 91
round 115, starting client 36/50, id: 7
round 115, starting client 37/50, id: 51
round 115, starting client 38/50, id: 72
round 115, starting client 39/50, id: 14
round 115, starting client 40/50, id: 6
round 115, starting client 41/50, id: 90
round 115, starting client 42/50, id: 31
round 115, starting client 43/50, id: 28
round 115, starting client 44/50, id: 58
round 115, starting client 45/50, id: 89
round 115, starting client 46/50, id: 93
round 115, starting client 47/50, id: 20
round 115, starting client 48/50, id: 52
round 115, starting client 49/50, id: 45
round 115, starting client 50/50, id: 30
round 115, validation acc: 0.958
starting round 116
clients: [96 35 34 74 20 33 82 45 5 47 70 6 54 18 38 13 29 67 8 58 99 63 49
36
4 55 69 68 23 86 92 61 22 66 56 11 37 53 12 83 10 16 97 60 32 17 48 19
30 71]
round 116, starting client 1/50, id: 96
round 116, starting client 2/50, id: 35
round 116, starting client 3/50, id: 34
round 116, starting client 4/50, id: 74
round 116, starting client 5/50, id: 20
round 116, starting client 6/50, id: 33
round 116, starting client 7/50, id: 82
round 116, starting client 8/50, id: 45
round 116, starting client 9/50, id: 5
round 116, starting client 10/50, id: 47
round 116, starting client 11/50, id: 70
round 116, starting client 12/50, id: 6
round 116, starting client 13/50, id: 54
round 116, starting client 14/50, id: 18
round 116, starting client 15/50, id: 38
round 116, starting client 16/50, id: 13
round 116, starting client 17/50, id: 29
round 116, starting client 18/50, id: 67
round 116, starting client 19/50, id: 8
round 116, starting client 20/50, id: 58
round 116, starting client 21/50, id: 99
round 116, starting client 22/50, id: 63
round 116, starting client 23/50, id: 49

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round 116, starting client 24/50, id: 36
round 116, starting client 25/50, id: 4
round 116, starting client 26/50, id: 55
round 116, starting client 27/50, id: 69
round 116, starting client 28/50, id: 68
round 116, starting client 29/50, id: 23
round 116, starting client 30/50, id: 86
round 116, starting client 31/50, id: 92
round 116, starting client 32/50, id: 61
round 116, starting client 33/50, id: 22
round 116, starting client 34/50, id: 66
round 116, starting client 35/50, id: 56
round 116, starting client 36/50, id: 11
round 116, starting client 37/50, id: 37
round 116, starting client 38/50, id: 53
round 116, starting client 39/50, id: 12
round 116, starting client 40/50, id: 83
round 116, starting client 41/50, id: 10
round 116, starting client 42/50, id: 16
round 116, starting client 43/50, id: 97
round 116, starting client 44/50, id: 60
round 116, starting client 45/50, id: 32
round 116, starting client 46/50, id: 17
round 116, starting client 47/50, id: 48
round 116, starting client 48/50, id: 19
round 116, starting client 49/50, id: 30
round 116, starting client 50/50, id: 71
round 116, validation acc: 0.961
starting round 117
clients: [53 43 23 89 81  8 87 62 44 48 80 13 19 86 20 11 15 75 76 38 85 91 99
61
 41 18 63 78 51 98 64 21  3 26 72 16 25 59  5 36 24 77  0 71 50 94 14 69
47 57]
round 117, starting client 1/50, id: 53
round 117, starting client 2/50, id: 43
round 117, starting client 3/50, id: 23
round 117, starting client 4/50, id: 89
round 117, starting client 5/50, id: 81
round 117, starting client 6/50, id: 8
round 117, starting client 7/50, id: 87
round 117, starting client 8/50, id: 62
round 117, starting client 9/50, id: 44
round 117, starting client 10/50, id: 48
round 117, starting client 11/50, id: 80
round 117, starting client 12/50, id: 13
round 117, starting client 13/50, id: 19
round 117, starting client 14/50, id: 86
round 117, starting client 15/50, id: 20

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round 117, starting client 16/50, id: 11
round 117, starting client 17/50, id: 15
round 117, starting client 18/50, id: 75
round 117, starting client 19/50, id: 76
round 117, starting client 20/50, id: 38
round 117, starting client 21/50, id: 85
round 117, starting client 22/50, id: 91
round 117, starting client 23/50, id: 99
round 117, starting client 24/50, id: 61
round 117, starting client 25/50, id: 41
round 117, starting client 26/50, id: 18
round 117, starting client 27/50, id: 63
round 117, starting client 28/50, id: 78
round 117, starting client 29/50, id: 51
round 117, starting client 30/50, id: 98
round 117, starting client 31/50, id: 64
round 117, starting client 32/50, id: 21
round 117, starting client 33/50, id: 3
round 117, starting client 34/50, id: 26
round 117, starting client 35/50, id: 72
round 117, starting client 36/50, id: 16
round 117, starting client 37/50, id: 25
round 117, starting client 38/50, id: 59
round 117, starting client 39/50, id: 5
round 117, starting client 40/50, id: 36
round 117, starting client 41/50, id: 24
round 117, starting client 42/50, id: 77
round 117, starting client 43/50, id: 0
round 117, starting client 44/50, id: 71
round 117, starting client 45/50, id: 50
round 117, starting client 46/50, id: 94
round 117, starting client 47/50, id: 14
round 117, starting client 48/50, id: 69
round 117, starting client 49/50, id: 47
round 117, starting client 50/50, id: 57
round 117, validation acc: 0.959
starting round 118
clients: [32 63 90 66 67 95 16 64 79 10 37 20 41 76 98 47 96 51 56 91 24 17 21
45
61 18 86 59 6 26 28 40 94 22 4 33 14 38 73 82 48 69 23 29 54 25 30 50
46 57]
round 118, starting client 1/50, id: 32
round 118, starting client 2/50, id: 63
round 118, starting client 3/50, id: 90
round 118, starting client 4/50, id: 66
round 118, starting client 5/50, id: 67
round 118, starting client 6/50, id: 95
round 118, starting client 7/50, id: 16

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round 118, starting client 8/50, id: 64
round 118, starting client 9/50, id: 79
round 118, starting client 10/50, id: 10
round 118, starting client 11/50, id: 37
round 118, starting client 12/50, id: 20
round 118, starting client 13/50, id: 41
round 118, starting client 14/50, id: 76
round 118, starting client 15/50, id: 98
round 118, starting client 16/50, id: 47
round 118, starting client 17/50, id: 96
round 118, starting client 18/50, id: 51
round 118, starting client 19/50, id: 56
round 118, starting client 20/50, id: 91
round 118, starting client 21/50, id: 24
round 118, starting client 22/50, id: 17
round 118, starting client 23/50, id: 21
round 118, starting client 24/50, id: 45
round 118, starting client 25/50, id: 61
round 118, starting client 26/50, id: 18
round 118, starting client 27/50, id: 86
round 118, starting client 28/50, id: 59
round 118, starting client 29/50, id: 6
round 118, starting client 30/50, id: 26
round 118, starting client 31/50, id: 28
round 118, starting client 32/50, id: 40
round 118, starting client 33/50, id: 94
round 118, starting client 34/50, id: 22
round 118, starting client 35/50, id: 4
round 118, starting client 36/50, id: 33
round 118, starting client 37/50, id: 14
round 118, starting client 38/50, id: 38
round 118, starting client 39/50, id: 73
round 118, starting client 40/50, id: 82
round 118, starting client 41/50, id: 48
round 118, starting client 42/50, id: 69
round 118, starting client 43/50, id: 23
round 118, starting client 44/50, id: 29
round 118, starting client 45/50, id: 54
round 118, starting client 46/50, id: 25
round 118, starting client 47/50, id: 30
round 118, starting client 48/50, id: 50
round 118, starting client 49/50, id: 46
round 118, starting client 50/50, id: 57
round 118, validation acc: 0.9608
starting round 119
clients: [51 86 18 19 84 26 73 71 7 53 11 9 32 61 78 63 90 29 87 76 6 39 1
0
94 59 93 77 30 22 58 65 13 43 52 14 24 92 34 47 4 17 38 67 8 79 88 60

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10 44]

round 119, starting client 1/50, id: 51
round 119, starting client 2/50, id: 86
round 119, starting client 3/50, id: 18
round 119, starting client 4/50, id: 19
round 119, starting client 5/50, id: 84
round 119, starting client 6/50, id: 26
round 119, starting client 7/50, id: 73
round 119, starting client 8/50, id: 71
round 119, starting client 9/50, id: 7
round 119, starting client 10/50, id: 53
round 119, starting client 11/50, id: 11
round 119, starting client 12/50, id: 9
round 119, starting client 13/50, id: 32
round 119, starting client 14/50, id: 61
round 119, starting client 15/50, id: 78
round 119, starting client 16/50, id: 63
round 119, starting client 17/50, id: 90
round 119, starting client 18/50, id: 29
round 119, starting client 19/50, id: 87
round 119, starting client 20/50, id: 76
round 119, starting client 21/50, id: 6
round 119, starting client 22/50, id: 39
round 119, starting client 23/50, id: 1
round 119, starting client 24/50, id: 0
round 119, starting client 25/50, id: 94
round 119, starting client 26/50, id: 59
round 119, starting client 27/50, id: 93
round 119, starting client 28/50, id: 77
round 119, starting client 29/50, id: 30
round 119, starting client 30/50, id: 22
round 119, starting client 31/50, id: 58
round 119, starting client 32/50, id: 65
round 119, starting client 33/50, id: 13
round 119, starting client 34/50, id: 43
round 119, starting client 35/50, id: 52
round 119, starting client 36/50, id: 14
round 119, starting client 37/50, id: 24
round 119, starting client 38/50, id: 92
round 119, starting client 39/50, id: 34
round 119, starting client 40/50, id: 47
round 119, starting client 41/50, id: 4
round 119, starting client 42/50, id: 17
round 119, starting client 43/50, id: 38
round 119, starting client 44/50, id: 67
round 119, starting client 45/50, id: 8
round 119, starting client 46/50, id: 79
round 119, starting client 47/50, id: 88

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round 119, starting client 48/50, id: 60
round 119, starting client 49/50, id: 10
round 119, starting client 50/50, id: 44
round 119, validation acc: 0.9604
starting round 120
clients: [54 49 16 70 45 42  7 75 47  1  8 48 22  0 84  9  3 53 63 28 90 98 95
27
 10 56 73 94 74  2 65  6 57 12 67 20 89 55 85 72 18 31 76 23 33 11 96  4
 5 30]
round 120, starting client 1/50, id: 54
round 120, starting client 2/50, id: 49
round 120, starting client 3/50, id: 16
round 120, starting client 4/50, id: 70
round 120, starting client 5/50, id: 45
round 120, starting client 6/50, id: 42
round 120, starting client 7/50, id: 7
round 120, starting client 8/50, id: 75
round 120, starting client 9/50, id: 47
round 120, starting client 10/50, id: 1
round 120, starting client 11/50, id: 8
round 120, starting client 12/50, id: 48
round 120, starting client 13/50, id: 22
round 120, starting client 14/50, id: 0
round 120, starting client 15/50, id: 84
round 120, starting client 16/50, id: 9
round 120, starting client 17/50, id: 3
round 120, starting client 18/50, id: 53
round 120, starting client 19/50, id: 63
round 120, starting client 20/50, id: 28
round 120, starting client 21/50, id: 90
round 120, starting client 22/50, id: 98
round 120, starting client 23/50, id: 95
round 120, starting client 24/50, id: 27
round 120, starting client 25/50, id: 10
round 120, starting client 26/50, id: 56
round 120, starting client 27/50, id: 73
round 120, starting client 28/50, id: 94
round 120, starting client 29/50, id: 74
round 120, starting client 30/50, id: 2
round 120, starting client 31/50, id: 65
round 120, starting client 32/50, id: 6
round 120, starting client 33/50, id: 57
round 120, starting client 34/50, id: 12
round 120, starting client 35/50, id: 67
round 120, starting client 36/50, id: 20
round 120, starting client 37/50, id: 89
round 120, starting client 38/50, id: 55
round 120, starting client 39/50, id: 85

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round 120, starting client 40/50, id: 72
round 120, starting client 41/50, id: 18
round 120, starting client 42/50, id: 31
round 120, starting client 43/50, id: 76
round 120, starting client 44/50, id: 23
round 120, starting client 45/50, id: 33
round 120, starting client 46/50, id: 11
round 120, starting client 47/50, id: 96
round 120, starting client 48/50, id: 4
round 120, starting client 49/50, id: 5
round 120, starting client 50/50, id: 30
round 120, validation acc: 0.96
starting round 121
clients: [32 92 11 96 95 14 87 72 74 73 45 99 10 7 89 61 80 38 51 33 68 59 82
1
27 90 75 86 94 88 12 56 28 24 48 16 55 79 84 30 52 5 8 4 34 31 44 97
58 15]
round 121, starting client 1/50, id: 32
round 121, starting client 2/50, id: 92
round 121, starting client 3/50, id: 11
round 121, starting client 4/50, id: 96
round 121, starting client 5/50, id: 95
round 121, starting client 6/50, id: 14
round 121, starting client 7/50, id: 87
round 121, starting client 8/50, id: 72
round 121, starting client 9/50, id: 74
round 121, starting client 10/50, id: 73
round 121, starting client 11/50, id: 45
round 121, starting client 12/50, id: 99
round 121, starting client 13/50, id: 10
round 121, starting client 14/50, id: 7
round 121, starting client 15/50, id: 89
round 121, starting client 16/50, id: 61
round 121, starting client 17/50, id: 80
round 121, starting client 18/50, id: 38
round 121, starting client 19/50, id: 51
round 121, starting client 20/50, id: 33
round 121, starting client 21/50, id: 68
round 121, starting client 22/50, id: 59
round 121, starting client 23/50, id: 82
round 121, starting client 24/50, id: 1
round 121, starting client 25/50, id: 27
round 121, starting client 26/50, id: 90
round 121, starting client 27/50, id: 75
round 121, starting client 28/50, id: 86
round 121, starting client 29/50, id: 94
round 121, starting client 30/50, id: 88
round 121, starting client 31/50, id: 12

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round 121, starting client 32/50, id: 56
round 121, starting client 33/50, id: 28
round 121, starting client 34/50, id: 24
round 121, starting client 35/50, id: 48
round 121, starting client 36/50, id: 16
round 121, starting client 37/50, id: 55
round 121, starting client 38/50, id: 79
round 121, starting client 39/50, id: 84
round 121, starting client 40/50, id: 30
round 121, starting client 41/50, id: 52
round 121, starting client 42/50, id: 5
round 121, starting client 43/50, id: 8
round 121, starting client 44/50, id: 4
round 121, starting client 45/50, id: 34
round 121, starting client 46/50, id: 31
round 121, starting client 47/50, id: 44
round 121, starting client 48/50, id: 97
round 121, starting client 49/50, id: 58
round 121, starting client 50/50, id: 15
round 121, validation acc: 0.9581
starting round 122
clients: [28 10 41 49 73 8 23 12 42 70 77 37 4 43 86 89 78 52 98 95 90 54 83
59
50 11 60 33 72 51 57 87 36 75 32 92 93 64 17 13 74 71 6 19 44 47 9 80
15 97]
round 122, starting client 1/50, id: 28
round 122, starting client 2/50, id: 10
round 122, starting client 3/50, id: 41
round 122, starting client 4/50, id: 49
round 122, starting client 5/50, id: 73
round 122, starting client 6/50, id: 8
round 122, starting client 7/50, id: 23
round 122, starting client 8/50, id: 12
round 122, starting client 9/50, id: 42
round 122, starting client 10/50, id: 70
round 122, starting client 11/50, id: 77
round 122, starting client 12/50, id: 37
round 122, starting client 13/50, id: 4
round 122, starting client 14/50, id: 43
round 122, starting client 15/50, id: 86
round 122, starting client 16/50, id: 89
round 122, starting client 17/50, id: 78
round 122, starting client 18/50, id: 52
round 122, starting client 19/50, id: 98
round 122, starting client 20/50, id: 95
round 122, starting client 21/50, id: 90
round 122, starting client 22/50, id: 54
round 122, starting client 23/50, id: 83

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round 122, starting client 24/50, id: 59
round 122, starting client 25/50, id: 50
round 122, starting client 26/50, id: 11
round 122, starting client 27/50, id: 60
round 122, starting client 28/50, id: 33
round 122, starting client 29/50, id: 72
round 122, starting client 30/50, id: 51
round 122, starting client 31/50, id: 57
round 122, starting client 32/50, id: 87
round 122, starting client 33/50, id: 36
round 122, starting client 34/50, id: 75
round 122, starting client 35/50, id: 32
round 122, starting client 36/50, id: 92
round 122, starting client 37/50, id: 93
round 122, starting client 38/50, id: 64
round 122, starting client 39/50, id: 17
round 122, starting client 40/50, id: 13
round 122, starting client 41/50, id: 74
round 122, starting client 42/50, id: 71
round 122, starting client 43/50, id: 6
round 122, starting client 44/50, id: 19
round 122, starting client 45/50, id: 44
round 122, starting client 46/50, id: 47
round 122, starting client 47/50, id: 9
round 122, starting client 48/50, id: 80
round 122, starting client 49/50, id: 15
round 122, starting client 50/50, id: 97
round 122, validation acc: 0.9599
starting round 123
clients: [41 7 34 22 46 43 14 52 3 77 90 97 50 79 61 33 17 74 12 48 23 91 5
1
37 82 54 68 28 84 20 89 6 16 13 35 59 32 44 10 66 31 8 93 69 57 64 81
71 49]
round 123, starting client 1/50, id: 41
round 123, starting client 2/50, id: 7
round 123, starting client 3/50, id: 34
round 123, starting client 4/50, id: 22
round 123, starting client 5/50, id: 46
round 123, starting client 6/50, id: 43
round 123, starting client 7/50, id: 14
round 123, starting client 8/50, id: 52
round 123, starting client 9/50, id: 3
round 123, starting client 10/50, id: 77
round 123, starting client 11/50, id: 90
round 123, starting client 12/50, id: 97
round 123, starting client 13/50, id: 50
round 123, starting client 14/50, id: 79
round 123, starting client 15/50, id: 61

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round 123, starting client 16/50, id: 33
round 123, starting client 17/50, id: 17
round 123, starting client 18/50, id: 74
round 123, starting client 19/50, id: 12
round 123, starting client 20/50, id: 48
round 123, starting client 21/50, id: 23
round 123, starting client 22/50, id: 91
round 123, starting client 23/50, id: 5
round 123, starting client 24/50, id: 1
round 123, starting client 25/50, id: 37
round 123, starting client 26/50, id: 82
round 123, starting client 27/50, id: 54
round 123, starting client 28/50, id: 68
round 123, starting client 29/50, id: 28
round 123, starting client 30/50, id: 84
round 123, starting client 31/50, id: 20
round 123, starting client 32/50, id: 89
round 123, starting client 33/50, id: 6
round 123, starting client 34/50, id: 16
round 123, starting client 35/50, id: 13
round 123, starting client 36/50, id: 35
round 123, starting client 37/50, id: 59
round 123, starting client 38/50, id: 32
round 123, starting client 39/50, id: 44
round 123, starting client 40/50, id: 10
round 123, starting client 41/50, id: 66
round 123, starting client 42/50, id: 31
round 123, starting client 43/50, id: 8
round 123, starting client 44/50, id: 93
round 123, starting client 45/50, id: 69
round 123, starting client 46/50, id: 57
round 123, starting client 47/50, id: 64
round 123, starting client 48/50, id: 81
round 123, starting client 49/50, id: 71
round 123, starting client 50/50, id: 49
round 123, validation acc: 0.9623
starting round 124
clients: [27 95 69 24 23 88 72 50 86 5 75 96 68 80 94 60 2 39 59 83 57 54 29
78
46 63 21 14 67 0 56 73 38 45 93 76 66 15 37 58 20 48 65 74 70 44 85 64
81 32]
round 124, starting client 1/50, id: 27
round 124, starting client 2/50, id: 95
round 124, starting client 3/50, id: 69
round 124, starting client 4/50, id: 24
round 124, starting client 5/50, id: 23
round 124, starting client 6/50, id: 88
round 124, starting client 7/50, id: 72

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round 124, starting client 8/50, id: 50
round 124, starting client 9/50, id: 86
round 124, starting client 10/50, id: 5
round 124, starting client 11/50, id: 75
round 124, starting client 12/50, id: 96
round 124, starting client 13/50, id: 68
round 124, starting client 14/50, id: 80
round 124, starting client 15/50, id: 94
round 124, starting client 16/50, id: 60
round 124, starting client 17/50, id: 2
round 124, starting client 18/50, id: 39
round 124, starting client 19/50, id: 59
round 124, starting client 20/50, id: 83
round 124, starting client 21/50, id: 57
round 124, starting client 22/50, id: 54
round 124, starting client 23/50, id: 29
round 124, starting client 24/50, id: 78
round 124, starting client 25/50, id: 46
round 124, starting client 26/50, id: 63
round 124, starting client 27/50, id: 21
round 124, starting client 28/50, id: 14
round 124, starting client 29/50, id: 67
round 124, starting client 30/50, id: 0
round 124, starting client 31/50, id: 56
round 124, starting client 32/50, id: 73
round 124, starting client 33/50, id: 38
round 124, starting client 34/50, id: 45
round 124, starting client 35/50, id: 93
round 124, starting client 36/50, id: 76
round 124, starting client 37/50, id: 66
round 124, starting client 38/50, id: 15
round 124, starting client 39/50, id: 37
round 124, starting client 40/50, id: 58
round 124, starting client 41/50, id: 20
round 124, starting client 42/50, id: 48
round 124, starting client 43/50, id: 65
round 124, starting client 44/50, id: 74
round 124, starting client 45/50, id: 70
round 124, starting client 46/50, id: 44
round 124, starting client 47/50, id: 85
round 124, starting client 48/50, id: 64
round 124, starting client 49/50, id: 81
round 124, starting client 50/50, id: 32
round 124, validation acc: 0.9627
starting round 125
clients: [98 29 37 15 4 0 40 30 49 96 35 5 90 78 1 64 31 28 38 99 84 71 76
3
51 97 20 45 70 24 13 69 81 19 18 46 10 88 60 77 58 95 36 50 42 6 25 53

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61 82]

round 125, starting client 1/50, id: 98
round 125, starting client 2/50, id: 29
round 125, starting client 3/50, id: 37
round 125, starting client 4/50, id: 15
round 125, starting client 5/50, id: 4
round 125, starting client 6/50, id: 0
round 125, starting client 7/50, id: 40
round 125, starting client 8/50, id: 30
round 125, starting client 9/50, id: 49
round 125, starting client 10/50, id: 96
round 125, starting client 11/50, id: 35
round 125, starting client 12/50, id: 5
round 125, starting client 13/50, id: 90
round 125, starting client 14/50, id: 78
round 125, starting client 15/50, id: 1
round 125, starting client 16/50, id: 64
round 125, starting client 17/50, id: 31
round 125, starting client 18/50, id: 28
round 125, starting client 19/50, id: 38
round 125, starting client 20/50, id: 99
round 125, starting client 21/50, id: 84
round 125, starting client 22/50, id: 71
round 125, starting client 23/50, id: 76
round 125, starting client 24/50, id: 3
round 125, starting client 25/50, id: 51
round 125, starting client 26/50, id: 97
round 125, starting client 27/50, id: 20
round 125, starting client 28/50, id: 45
round 125, starting client 29/50, id: 70
round 125, starting client 30/50, id: 24
round 125, starting client 31/50, id: 13
round 125, starting client 32/50, id: 69
round 125, starting client 33/50, id: 81
round 125, starting client 34/50, id: 19
round 125, starting client 35/50, id: 18
round 125, starting client 36/50, id: 46
round 125, starting client 37/50, id: 10
round 125, starting client 38/50, id: 88
round 125, starting client 39/50, id: 60
round 125, starting client 40/50, id: 77
round 125, starting client 41/50, id: 58
round 125, starting client 42/50, id: 95
round 125, starting client 43/50, id: 36
round 125, starting client 44/50, id: 50
round 125, starting client 45/50, id: 42
round 125, starting client 46/50, id: 6
round 125, starting client 47/50, id: 25

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round 125, starting client 48/50, id: 53
round 125, starting client 49/50, id: 61
round 125, starting client 50/50, id: 82
round 125, validation acc: 0.9624
starting round 126
clients: [22 34 96 98 36 78 1 57 63 69 47 77 85 30 90 93 7 51 10 75 6 60 18
2
25 15 89 42 54 21 83 55 53 84 13 23 94 19 80 86 95 32 66 82 37 35 9 28
50 33]
round 126, starting client 1/50, id: 22
round 126, starting client 2/50, id: 34
round 126, starting client 3/50, id: 96
round 126, starting client 4/50, id: 98
round 126, starting client 5/50, id: 36
round 126, starting client 6/50, id: 78
round 126, starting client 7/50, id: 1
round 126, starting client 8/50, id: 57
round 126, starting client 9/50, id: 63
round 126, starting client 10/50, id: 69
round 126, starting client 11/50, id: 47
round 126, starting client 12/50, id: 77
round 126, starting client 13/50, id: 85
round 126, starting client 14/50, id: 30
round 126, starting client 15/50, id: 90
round 126, starting client 16/50, id: 93
round 126, starting client 17/50, id: 7
round 126, starting client 18/50, id: 51
round 126, starting client 19/50, id: 10
round 126, starting client 20/50, id: 75
round 126, starting client 21/50, id: 6
round 126, starting client 22/50, id: 60
round 126, starting client 23/50, id: 18
round 126, starting client 24/50, id: 2
round 126, starting client 25/50, id: 25
round 126, starting client 26/50, id: 15
round 126, starting client 27/50, id: 89
round 126, starting client 28/50, id: 42
round 126, starting client 29/50, id: 54
round 126, starting client 30/50, id: 21
round 126, starting client 31/50, id: 83
round 126, starting client 32/50, id: 55
round 126, starting client 33/50, id: 53
round 126, starting client 34/50, id: 84
round 126, starting client 35/50, id: 13
round 126, starting client 36/50, id: 23
round 126, starting client 37/50, id: 94
round 126, starting client 38/50, id: 19
round 126, starting client 39/50, id: 80

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round 126, starting client 40/50, id: 86
round 126, starting client 41/50, id: 95
round 126, starting client 42/50, id: 32
round 126, starting client 43/50, id: 66
round 126, starting client 44/50, id: 82
round 126, starting client 45/50, id: 37
round 126, starting client 46/50, id: 35
round 126, starting client 47/50, id: 9
round 126, starting client 48/50, id: 28
round 126, starting client 49/50, id: 50
round 126, starting client 50/50, id: 33
round 126, validation acc: 0.9632
starting round 127
clients: [44 26 0 83 72 70 17 31 10 37 74 1 98 25 43 71 94 29 59 67 65 7 15
68
46 87 75 80 11 8 27 64 73 38 5 76 4 96 53 9 81 45 99 47 91 50 58 95
22 56]
round 127, starting client 1/50, id: 44
round 127, starting client 2/50, id: 26
round 127, starting client 3/50, id: 0
round 127, starting client 4/50, id: 83
round 127, starting client 5/50, id: 72
round 127, starting client 6/50, id: 70
round 127, starting client 7/50, id: 17
round 127, starting client 8/50, id: 31
round 127, starting client 9/50, id: 10
round 127, starting client 10/50, id: 37
round 127, starting client 11/50, id: 74
round 127, starting client 12/50, id: 1
round 127, starting client 13/50, id: 98
round 127, starting client 14/50, id: 25
round 127, starting client 15/50, id: 43
round 127, starting client 16/50, id: 71
round 127, starting client 17/50, id: 94
round 127, starting client 18/50, id: 29
round 127, starting client 19/50, id: 59
round 127, starting client 20/50, id: 67
round 127, starting client 21/50, id: 65
round 127, starting client 22/50, id: 7
round 127, starting client 23/50, id: 15
round 127, starting client 24/50, id: 68
round 127, starting client 25/50, id: 46
round 127, starting client 26/50, id: 87
round 127, starting client 27/50, id: 75
round 127, starting client 28/50, id: 80
round 127, starting client 29/50, id: 11
round 127, starting client 30/50, id: 8
round 127, starting client 31/50, id: 27

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round 127, starting client 32/50, id: 64
round 127, starting client 33/50, id: 73
round 127, starting client 34/50, id: 38
round 127, starting client 35/50, id: 5
round 127, starting client 36/50, id: 76
round 127, starting client 37/50, id: 4
round 127, starting client 38/50, id: 96
round 127, starting client 39/50, id: 53
round 127, starting client 40/50, id: 9
round 127, starting client 41/50, id: 81
round 127, starting client 42/50, id: 45
round 127, starting client 43/50, id: 99
round 127, starting client 44/50, id: 47
round 127, starting client 45/50, id: 91
round 127, starting client 46/50, id: 50
round 127, starting client 47/50, id: 58
round 127, starting client 48/50, id: 95
round 127, starting client 49/50, id: 22
round 127, starting client 50/50, id: 56
round 127, validation acc: 0.9625
starting round 128
clients: [39 74 97 15 28 44 86 38  2 68 22 54 35 83 93 69  7 26 75 24  0 71 85
78
 81 27 84 66 60 98 19 76 67 25  9 42 55 30 33 91 10 34 13 51 17 16 14 49
 1  4]
round 128, starting client 1/50, id: 39
round 128, starting client 2/50, id: 74
round 128, starting client 3/50, id: 97
round 128, starting client 4/50, id: 15
round 128, starting client 5/50, id: 28
round 128, starting client 6/50, id: 44
round 128, starting client 7/50, id: 86
round 128, starting client 8/50, id: 38
round 128, starting client 9/50, id: 2
round 128, starting client 10/50, id: 68
round 128, starting client 11/50, id: 22
round 128, starting client 12/50, id: 54
round 128, starting client 13/50, id: 35
round 128, starting client 14/50, id: 83
round 128, starting client 15/50, id: 93
round 128, starting client 16/50, id: 69
round 128, starting client 17/50, id: 7
round 128, starting client 18/50, id: 26
round 128, starting client 19/50, id: 75
round 128, starting client 20/50, id: 24
round 128, starting client 21/50, id: 0
round 128, starting client 22/50, id: 71
round 128, starting client 23/50, id: 85

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round 128, starting client 24/50, id: 78
round 128, starting client 25/50, id: 81
round 128, starting client 26/50, id: 27
round 128, starting client 27/50, id: 84
round 128, starting client 28/50, id: 66
round 128, starting client 29/50, id: 60
round 128, starting client 30/50, id: 98
round 128, starting client 31/50, id: 19
round 128, starting client 32/50, id: 76
round 128, starting client 33/50, id: 67
round 128, starting client 34/50, id: 25
round 128, starting client 35/50, id: 9
round 128, starting client 36/50, id: 42
round 128, starting client 37/50, id: 55
round 128, starting client 38/50, id: 30
round 128, starting client 39/50, id: 33
round 128, starting client 40/50, id: 91
round 128, starting client 41/50, id: 10
round 128, starting client 42/50, id: 34
round 128, starting client 43/50, id: 13
round 128, starting client 44/50, id: 51
round 128, starting client 45/50, id: 17
round 128, starting client 46/50, id: 16
round 128, starting client 47/50, id: 14
round 128, starting client 48/50, id: 49
round 128, starting client 49/50, id: 1
round 128, starting client 50/50, id: 4
round 128, validation acc: 0.962
starting round 129
clients: [92 94 0 13 64 75 68 21 70 39 7 26 61 40 72 71 88 41 69 14 58 90 67
50
15 38 82 99 22 91 19 6 87 44 33 17 5 32 27 56 81 4 23 2 86 80 24 63
25 60]
round 129, starting client 1/50, id: 92
round 129, starting client 2/50, id: 94
round 129, starting client 3/50, id: 0
round 129, starting client 4/50, id: 13
round 129, starting client 5/50, id: 64
round 129, starting client 6/50, id: 75
round 129, starting client 7/50, id: 68
round 129, starting client 8/50, id: 21
round 129, starting client 9/50, id: 70
round 129, starting client 10/50, id: 39
round 129, starting client 11/50, id: 7
round 129, starting client 12/50, id: 26
round 129, starting client 13/50, id: 61
round 129, starting client 14/50, id: 40
round 129, starting client 15/50, id: 72

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round 129, starting client 16/50, id: 71
round 129, starting client 17/50, id: 88
round 129, starting client 18/50, id: 41
round 129, starting client 19/50, id: 69
round 129, starting client 20/50, id: 14
round 129, starting client 21/50, id: 58
round 129, starting client 22/50, id: 90
round 129, starting client 23/50, id: 67
round 129, starting client 24/50, id: 50
round 129, starting client 25/50, id: 15
round 129, starting client 26/50, id: 38
round 129, starting client 27/50, id: 82
round 129, starting client 28/50, id: 99
round 129, starting client 29/50, id: 22
round 129, starting client 30/50, id: 91
round 129, starting client 31/50, id: 19
round 129, starting client 32/50, id: 6
round 129, starting client 33/50, id: 87
round 129, starting client 34/50, id: 44
round 129, starting client 35/50, id: 33
round 129, starting client 36/50, id: 17
round 129, starting client 37/50, id: 5
round 129, starting client 38/50, id: 32
round 129, starting client 39/50, id: 27
round 129, starting client 40/50, id: 56
round 129, starting client 41/50, id: 81
round 129, starting client 42/50, id: 4
round 129, starting client 43/50, id: 23
round 129, starting client 44/50, id: 2
round 129, starting client 45/50, id: 86
round 129, starting client 46/50, id: 80
round 129, starting client 47/50, id: 24
round 129, starting client 48/50, id: 63
round 129, starting client 49/50, id: 25
round 129, starting client 50/50, id: 60
round 129, validation acc: 0.9639
starting round 130
clients: [31 15 51 7 53 2 37 66 32 33 98 88 71 11 65 9 81 28 17 99 97 76 45
48
78 35 75 25 73 95 3 24 21 6 92 59 82 34 47 93 36 57 58 19 1 90 91 14
26 22]
round 130, starting client 1/50, id: 31
round 130, starting client 2/50, id: 15
round 130, starting client 3/50, id: 51
round 130, starting client 4/50, id: 7
round 130, starting client 5/50, id: 53
round 130, starting client 6/50, id: 2
round 130, starting client 7/50, id: 37

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round 130, starting client 8/50, id: 66
round 130, starting client 9/50, id: 32
round 130, starting client 10/50, id: 33
round 130, starting client 11/50, id: 98
round 130, starting client 12/50, id: 88
round 130, starting client 13/50, id: 71
round 130, starting client 14/50, id: 11
round 130, starting client 15/50, id: 65
round 130, starting client 16/50, id: 9
round 130, starting client 17/50, id: 81
round 130, starting client 18/50, id: 28
round 130, starting client 19/50, id: 17
round 130, starting client 20/50, id: 99
round 130, starting client 21/50, id: 97
round 130, starting client 22/50, id: 76
round 130, starting client 23/50, id: 45
round 130, starting client 24/50, id: 48
round 130, starting client 25/50, id: 78
round 130, starting client 26/50, id: 35
round 130, starting client 27/50, id: 75
round 130, starting client 28/50, id: 25
round 130, starting client 29/50, id: 73
round 130, starting client 30/50, id: 95
round 130, starting client 31/50, id: 3
round 130, starting client 32/50, id: 24
round 130, starting client 33/50, id: 21
round 130, starting client 34/50, id: 6
round 130, starting client 35/50, id: 92
round 130, starting client 36/50, id: 59
round 130, starting client 37/50, id: 82
round 130, starting client 38/50, id: 34
round 130, starting client 39/50, id: 47
round 130, starting client 40/50, id: 93
round 130, starting client 41/50, id: 36
round 130, starting client 42/50, id: 57
round 130, starting client 43/50, id: 58
round 130, starting client 44/50, id: 19
round 130, starting client 45/50, id: 1
round 130, starting client 46/50, id: 90
round 130, starting client 47/50, id: 91
round 130, starting client 48/50, id: 14
round 130, starting client 49/50, id: 26
round 130, starting client 50/50, id: 22
round 130, validation acc: 0.9627
starting round 131
clients: [52 73 47 66 94 98 88 46 11 49 18 0 4 37 71 99 81 97 56 67 22 95 39
59
75 20 83 82 92 76 36 7 51 17 6 16 24 60 44 90 64 29 31 58 55 28 80 57

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85 33]

round 131, starting client 1/50, id: 52
round 131, starting client 2/50, id: 73
round 131, starting client 3/50, id: 47
round 131, starting client 4/50, id: 66
round 131, starting client 5/50, id: 94
round 131, starting client 6/50, id: 98
round 131, starting client 7/50, id: 88
round 131, starting client 8/50, id: 46
round 131, starting client 9/50, id: 11
round 131, starting client 10/50, id: 49
round 131, starting client 11/50, id: 18
round 131, starting client 12/50, id: 0
round 131, starting client 13/50, id: 4
round 131, starting client 14/50, id: 37
round 131, starting client 15/50, id: 71
round 131, starting client 16/50, id: 99
round 131, starting client 17/50, id: 81
round 131, starting client 18/50, id: 97
round 131, starting client 19/50, id: 56
round 131, starting client 20/50, id: 67
round 131, starting client 21/50, id: 22
round 131, starting client 22/50, id: 95
round 131, starting client 23/50, id: 39
round 131, starting client 24/50, id: 59
round 131, starting client 25/50, id: 75
round 131, starting client 26/50, id: 20
round 131, starting client 27/50, id: 83
round 131, starting client 28/50, id: 82
round 131, starting client 29/50, id: 92
round 131, starting client 30/50, id: 76
round 131, starting client 31/50, id: 36
round 131, starting client 32/50, id: 7
round 131, starting client 33/50, id: 51
round 131, starting client 34/50, id: 17
round 131, starting client 35/50, id: 6
round 131, starting client 36/50, id: 16
round 131, starting client 37/50, id: 24
round 131, starting client 38/50, id: 60
round 131, starting client 39/50, id: 44
round 131, starting client 40/50, id: 90
round 131, starting client 41/50, id: 64
round 131, starting client 42/50, id: 29
round 131, starting client 43/50, id: 31
round 131, starting client 44/50, id: 58
round 131, starting client 45/50, id: 55
round 131, starting client 46/50, id: 28
round 131, starting client 47/50, id: 80

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round 131, starting client 48/50, id: 57
round 131, starting client 49/50, id: 85
round 131, starting client 50/50, id: 33
round 131, validation acc: 0.9617
starting round 132
clients: [93 61 10  5 90 96 92 35 81 71 38 98 32 72 59 23 56 88 33 62 20 63 15
16
21 65 78 75 17 52 39 76  0  6 97 12 68 77 47 57 24 48 70 80 85 55 84 42
9  8]
round 132, starting client 1/50, id: 93
round 132, starting client 2/50, id: 61
round 132, starting client 3/50, id: 10
round 132, starting client 4/50, id: 5
round 132, starting client 5/50, id: 90
round 132, starting client 6/50, id: 96
round 132, starting client 7/50, id: 92
round 132, starting client 8/50, id: 35
round 132, starting client 9/50, id: 81
round 132, starting client 10/50, id: 71
round 132, starting client 11/50, id: 38
round 132, starting client 12/50, id: 98
round 132, starting client 13/50, id: 32
round 132, starting client 14/50, id: 72
round 132, starting client 15/50, id: 59
round 132, starting client 16/50, id: 23
round 132, starting client 17/50, id: 56
round 132, starting client 18/50, id: 88
round 132, starting client 19/50, id: 33
round 132, starting client 20/50, id: 62
round 132, starting client 21/50, id: 20
round 132, starting client 22/50, id: 63
round 132, starting client 23/50, id: 15
round 132, starting client 24/50, id: 16
round 132, starting client 25/50, id: 21
round 132, starting client 26/50, id: 65
round 132, starting client 27/50, id: 78
round 132, starting client 28/50, id: 75
round 132, starting client 29/50, id: 17
round 132, starting client 30/50, id: 52
round 132, starting client 31/50, id: 39
round 132, starting client 32/50, id: 76
round 132, starting client 33/50, id: 0
round 132, starting client 34/50, id: 6
round 132, starting client 35/50, id: 97
round 132, starting client 36/50, id: 12
round 132, starting client 37/50, id: 68
round 132, starting client 38/50, id: 77
round 132, starting client 39/50, id: 47

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round 132, starting client 40/50, id: 57
round 132, starting client 41/50, id: 24
round 132, starting client 42/50, id: 48
round 132, starting client 43/50, id: 70
round 132, starting client 44/50, id: 80
round 132, starting client 45/50, id: 85
round 132, starting client 46/50, id: 55
round 132, starting client 47/50, id: 84
round 132, starting client 48/50, id: 42
round 132, starting client 49/50, id: 9
round 132, starting client 50/50, id: 8
round 132, validation acc: 0.9627
starting round 133
clients: [36 50 98 56 43 78  4 49 94 40 21 62 12 87 59 27 20 57 44 22 26 31 82
1
  3 69 10 30 25 91 84 14  5 88 51 85 67  8 95 42 37 77  7 15 89 11  9 97
39 58]
round 133, starting client 1/50, id: 36
round 133, starting client 2/50, id: 50
round 133, starting client 3/50, id: 98
round 133, starting client 4/50, id: 56
round 133, starting client 5/50, id: 43
round 133, starting client 6/50, id: 78
round 133, starting client 7/50, id: 4
round 133, starting client 8/50, id: 49
round 133, starting client 9/50, id: 94
round 133, starting client 10/50, id: 40
round 133, starting client 11/50, id: 21
round 133, starting client 12/50, id: 62
round 133, starting client 13/50, id: 12
round 133, starting client 14/50, id: 87
round 133, starting client 15/50, id: 59
round 133, starting client 16/50, id: 27
round 133, starting client 17/50, id: 20
round 133, starting client 18/50, id: 57
round 133, starting client 19/50, id: 44
round 133, starting client 20/50, id: 22
round 133, starting client 21/50, id: 26
round 133, starting client 22/50, id: 31
round 133, starting client 23/50, id: 82
round 133, starting client 24/50, id: 1
round 133, starting client 25/50, id: 3
round 133, starting client 26/50, id: 69
round 133, starting client 27/50, id: 10
round 133, starting client 28/50, id: 30
round 133, starting client 29/50, id: 25
round 133, starting client 30/50, id: 91
round 133, starting client 31/50, id: 84

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round 133, starting client 32/50, id: 14
round 133, starting client 33/50, id: 5
round 133, starting client 34/50, id: 88
round 133, starting client 35/50, id: 51
round 133, starting client 36/50, id: 85
round 133, starting client 37/50, id: 67
round 133, starting client 38/50, id: 8
round 133, starting client 39/50, id: 95
round 133, starting client 40/50, id: 42
round 133, starting client 41/50, id: 37
round 133, starting client 42/50, id: 77
round 133, starting client 43/50, id: 7
round 133, starting client 44/50, id: 15
round 133, starting client 45/50, id: 89
round 133, starting client 46/50, id: 11
round 133, starting client 47/50, id: 9
round 133, starting client 48/50, id: 97
round 133, starting client 49/50, id: 39
round 133, starting client 50/50, id: 58
round 133, validation acc: 0.9624
starting round 134
clients: [18 59 84 46 87 93 49 76 24 52 45 67 28 32 5 19 73 62 88 27 72 25 56
37
55 68 4 22 63 92 17 82 9 2 41 31 80 10 57 40 97 95 34 94 20 0 66 48
1 70]
round 134, starting client 1/50, id: 18
round 134, starting client 2/50, id: 59
round 134, starting client 3/50, id: 84
round 134, starting client 4/50, id: 46
round 134, starting client 5/50, id: 87
round 134, starting client 6/50, id: 93
round 134, starting client 7/50, id: 49
round 134, starting client 8/50, id: 76
round 134, starting client 9/50, id: 24
round 134, starting client 10/50, id: 52
round 134, starting client 11/50, id: 45
round 134, starting client 12/50, id: 67
round 134, starting client 13/50, id: 28
round 134, starting client 14/50, id: 32
round 134, starting client 15/50, id: 5
round 134, starting client 16/50, id: 19
round 134, starting client 17/50, id: 73
round 134, starting client 18/50, id: 62
round 134, starting client 19/50, id: 88
round 134, starting client 20/50, id: 27
round 134, starting client 21/50, id: 72
round 134, starting client 22/50, id: 25
round 134, starting client 23/50, id: 56

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round 134, starting client 24/50, id: 37
round 134, starting client 25/50, id: 55
round 134, starting client 26/50, id: 68
round 134, starting client 27/50, id: 4
round 134, starting client 28/50, id: 22
round 134, starting client 29/50, id: 63
round 134, starting client 30/50, id: 92
round 134, starting client 31/50, id: 17
round 134, starting client 32/50, id: 82
round 134, starting client 33/50, id: 9
round 134, starting client 34/50, id: 2
round 134, starting client 35/50, id: 41
round 134, starting client 36/50, id: 31
round 134, starting client 37/50, id: 80
round 134, starting client 38/50, id: 10
round 134, starting client 39/50, id: 57
round 134, starting client 40/50, id: 40
round 134, starting client 41/50, id: 97
round 134, starting client 42/50, id: 95
round 134, starting client 43/50, id: 34
round 134, starting client 44/50, id: 94
round 134, starting client 45/50, id: 20
round 134, starting client 46/50, id: 0
round 134, starting client 47/50, id: 66
round 134, starting client 48/50, id: 48
round 134, starting client 49/50, id: 1
round 134, starting client 50/50, id: 70
round 134, validation acc: 0.9631
starting round 135
clients: [25  7 82 50 83 10 94 79 68 55 64 18 17 65  5  2 54 85  6 88 46 53 48
19
 63 81 49 91  9 92 30 56 24 45 51 87 97 40 74 84  4 23 90  3 37 67 69  8
57 20]
round 135, starting client 1/50, id: 25
round 135, starting client 2/50, id: 7
round 135, starting client 3/50, id: 82
round 135, starting client 4/50, id: 50
round 135, starting client 5/50, id: 83
round 135, starting client 6/50, id: 10
round 135, starting client 7/50, id: 94
round 135, starting client 8/50, id: 79
round 135, starting client 9/50, id: 68
round 135, starting client 10/50, id: 55
round 135, starting client 11/50, id: 64
round 135, starting client 12/50, id: 18
round 135, starting client 13/50, id: 17
round 135, starting client 14/50, id: 65
round 135, starting client 15/50, id: 5

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round 135, starting client 16/50, id: 2
round 135, starting client 17/50, id: 54
round 135, starting client 18/50, id: 85
round 135, starting client 19/50, id: 6
round 135, starting client 20/50, id: 88
round 135, starting client 21/50, id: 46
round 135, starting client 22/50, id: 53
round 135, starting client 23/50, id: 48
round 135, starting client 24/50, id: 19
round 135, starting client 25/50, id: 63
round 135, starting client 26/50, id: 81
round 135, starting client 27/50, id: 49
round 135, starting client 28/50, id: 91
round 135, starting client 29/50, id: 9
round 135, starting client 30/50, id: 92
round 135, starting client 31/50, id: 30
round 135, starting client 32/50, id: 56
round 135, starting client 33/50, id: 24
round 135, starting client 34/50, id: 45
round 135, starting client 35/50, id: 51
round 135, starting client 36/50, id: 87
round 135, starting client 37/50, id: 97
round 135, starting client 38/50, id: 40
round 135, starting client 39/50, id: 74
round 135, starting client 40/50, id: 84
round 135, starting client 41/50, id: 4
round 135, starting client 42/50, id: 23
round 135, starting client 43/50, id: 90
round 135, starting client 44/50, id: 3
round 135, starting client 45/50, id: 37
round 135, starting client 46/50, id: 67
round 135, starting client 47/50, id: 69
round 135, starting client 48/50, id: 8
round 135, starting client 49/50, id: 57
round 135, starting client 50/50, id: 20
round 135, validation acc: 0.9636
starting round 136
clients: [23 4 40 89 59 95 96 31 70 99 78 50 97 94 52 30 0 41 66 85 77 81 51
29
14 90 86 27 58 18 64 79 45 2 74 73 54 22 32 65 80 20 12 49 21 55 57 68
91 35]
round 136, starting client 1/50, id: 23
round 136, starting client 2/50, id: 4
round 136, starting client 3/50, id: 40
round 136, starting client 4/50, id: 89
round 136, starting client 5/50, id: 59
round 136, starting client 6/50, id: 95
round 136, starting client 7/50, id: 96

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round 136, starting client 8/50, id: 31
round 136, starting client 9/50, id: 70
round 136, starting client 10/50, id: 99
round 136, starting client 11/50, id: 78
round 136, starting client 12/50, id: 50
round 136, starting client 13/50, id: 97
round 136, starting client 14/50, id: 94
round 136, starting client 15/50, id: 52
round 136, starting client 16/50, id: 30
round 136, starting client 17/50, id: 0
round 136, starting client 18/50, id: 41
round 136, starting client 19/50, id: 66
round 136, starting client 20/50, id: 85
round 136, starting client 21/50, id: 77
round 136, starting client 22/50, id: 81
round 136, starting client 23/50, id: 51
round 136, starting client 24/50, id: 29
round 136, starting client 25/50, id: 14
round 136, starting client 26/50, id: 90
round 136, starting client 27/50, id: 86
round 136, starting client 28/50, id: 27
round 136, starting client 29/50, id: 58
round 136, starting client 30/50, id: 18
round 136, starting client 31/50, id: 64
round 136, starting client 32/50, id: 79
round 136, starting client 33/50, id: 45
round 136, starting client 34/50, id: 2
round 136, starting client 35/50, id: 74
round 136, starting client 36/50, id: 73
round 136, starting client 37/50, id: 54
round 136, starting client 38/50, id: 22
round 136, starting client 39/50, id: 32
round 136, starting client 40/50, id: 65
round 136, starting client 41/50, id: 80
round 136, starting client 42/50, id: 20
round 136, starting client 43/50, id: 12
round 136, starting client 44/50, id: 49
round 136, starting client 45/50, id: 21
round 136, starting client 46/50, id: 55
round 136, starting client 47/50, id: 57
round 136, starting client 48/50, id: 68
round 136, starting client 49/50, id: 91
round 136, starting client 50/50, id: 35
round 136, validation acc: 0.962
starting round 137
clients: [56 84 22 63 61 78 57 66 79 86 96 71 98 37 4 94 88 51 38 36 24 64 74
62
52 67 55 65 28 76 42 92 18 44 5 31 50 58 75 25 2 69 1 60 45 23 26 30

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0 17]

round 137, starting client 1/50, id: 56
round 137, starting client 2/50, id: 84
round 137, starting client 3/50, id: 22
round 137, starting client 4/50, id: 63
round 137, starting client 5/50, id: 61
round 137, starting client 6/50, id: 78
round 137, starting client 7/50, id: 57
round 137, starting client 8/50, id: 66
round 137, starting client 9/50, id: 79
round 137, starting client 10/50, id: 86
round 137, starting client 11/50, id: 96
round 137, starting client 12/50, id: 71
round 137, starting client 13/50, id: 98
round 137, starting client 14/50, id: 37
round 137, starting client 15/50, id: 4
round 137, starting client 16/50, id: 94
round 137, starting client 17/50, id: 88
round 137, starting client 18/50, id: 51
round 137, starting client 19/50, id: 38
round 137, starting client 20/50, id: 36
round 137, starting client 21/50, id: 24
round 137, starting client 22/50, id: 64
round 137, starting client 23/50, id: 74
round 137, starting client 24/50, id: 62
round 137, starting client 25/50, id: 52
round 137, starting client 26/50, id: 67
round 137, starting client 27/50, id: 55
round 137, starting client 28/50, id: 65
round 137, starting client 29/50, id: 28
round 137, starting client 30/50, id: 76
round 137, starting client 31/50, id: 42
round 137, starting client 32/50, id: 92
round 137, starting client 33/50, id: 18
round 137, starting client 34/50, id: 44
round 137, starting client 35/50, id: 5
round 137, starting client 36/50, id: 31
round 137, starting client 37/50, id: 50
round 137, starting client 38/50, id: 58
round 137, starting client 39/50, id: 75
round 137, starting client 40/50, id: 25
round 137, starting client 41/50, id: 2
round 137, starting client 42/50, id: 69
round 137, starting client 43/50, id: 1
round 137, starting client 44/50, id: 60
round 137, starting client 45/50, id: 45
round 137, starting client 46/50, id: 23
round 137, starting client 47/50, id: 26

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round 137, starting client 48/50, id: 30
round 137, starting client 49/50, id: 0
round 137, starting client 50/50, id: 17
round 137, validation acc: 0.959
starting round 138
clients: [82 95 77  9 16 15 18 66 19 61 43 92 73 83 80 78 11 74 91 79 29 38 28
7
85 40 56 26 94 25  8 88 65  6 21 33 20 41 98 31 84 37 87 13 93 86 71 70
14 50]
round 138, starting client 1/50, id: 82
round 138, starting client 2/50, id: 95
round 138, starting client 3/50, id: 77
round 138, starting client 4/50, id: 9
round 138, starting client 5/50, id: 16
round 138, starting client 6/50, id: 15
round 138, starting client 7/50, id: 18
round 138, starting client 8/50, id: 66
round 138, starting client 9/50, id: 19
round 138, starting client 10/50, id: 61
round 138, starting client 11/50, id: 43
round 138, starting client 12/50, id: 92
round 138, starting client 13/50, id: 73
round 138, starting client 14/50, id: 83
round 138, starting client 15/50, id: 80
round 138, starting client 16/50, id: 78
round 138, starting client 17/50, id: 11
round 138, starting client 18/50, id: 74
round 138, starting client 19/50, id: 91
round 138, starting client 20/50, id: 79
round 138, starting client 21/50, id: 29
round 138, starting client 22/50, id: 38
round 138, starting client 23/50, id: 28
round 138, starting client 24/50, id: 7
round 138, starting client 25/50, id: 85
round 138, starting client 26/50, id: 40
round 138, starting client 27/50, id: 56
round 138, starting client 28/50, id: 26
round 138, starting client 29/50, id: 94
round 138, starting client 30/50, id: 25
round 138, starting client 31/50, id: 8
round 138, starting client 32/50, id: 88
round 138, starting client 33/50, id: 65
round 138, starting client 34/50, id: 6
round 138, starting client 35/50, id: 21
round 138, starting client 36/50, id: 33
round 138, starting client 37/50, id: 20
round 138, starting client 38/50, id: 41
round 138, starting client 39/50, id: 98

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round 138, starting client 40/50, id: 31
round 138, starting client 41/50, id: 84
round 138, starting client 42/50, id: 37
round 138, starting client 43/50, id: 87
round 138, starting client 44/50, id: 13
round 138, starting client 45/50, id: 93
round 138, starting client 46/50, id: 86
round 138, starting client 47/50, id: 71
round 138, starting client 48/50, id: 70
round 138, starting client 49/50, id: 14
round 138, starting client 50/50, id: 50
round 138, validation acc: 0.9647
starting round 139
clients: [41 42 77 37 78 66 91 93 90 15 22 39 16 80 48 50 88 33 7 95 8 32 98
45
81 56 10 19 14 23 75 85 63 0 13 51 86 5 82 97 21 38 58 87 36 79 18 26
71 25]
round 139, starting client 1/50, id: 41
round 139, starting client 2/50, id: 42
round 139, starting client 3/50, id: 77
round 139, starting client 4/50, id: 37
round 139, starting client 5/50, id: 78
round 139, starting client 6/50, id: 66
round 139, starting client 7/50, id: 91
round 139, starting client 8/50, id: 93
round 139, starting client 9/50, id: 90
round 139, starting client 10/50, id: 15
round 139, starting client 11/50, id: 22
round 139, starting client 12/50, id: 39
round 139, starting client 13/50, id: 16
round 139, starting client 14/50, id: 80
round 139, starting client 15/50, id: 48
round 139, starting client 16/50, id: 50
round 139, starting client 17/50, id: 88
round 139, starting client 18/50, id: 33
round 139, starting client 19/50, id: 7
round 139, starting client 20/50, id: 95
round 139, starting client 21/50, id: 8
round 139, starting client 22/50, id: 32
round 139, starting client 23/50, id: 98
round 139, starting client 24/50, id: 45
round 139, starting client 25/50, id: 81
round 139, starting client 26/50, id: 56
round 139, starting client 27/50, id: 10
round 139, starting client 28/50, id: 19
round 139, starting client 29/50, id: 14
round 139, starting client 30/50, id: 23
round 139, starting client 31/50, id: 75

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round 139, starting client 32/50, id: 85
round 139, starting client 33/50, id: 63
round 139, starting client 34/50, id: 0
round 139, starting client 35/50, id: 13
round 139, starting client 36/50, id: 51
round 139, starting client 37/50, id: 86
round 139, starting client 38/50, id: 5
round 139, starting client 39/50, id: 82
round 139, starting client 40/50, id: 97
round 139, starting client 41/50, id: 21
round 139, starting client 42/50, id: 38
round 139, starting client 43/50, id: 58
round 139, starting client 44/50, id: 87
round 139, starting client 45/50, id: 36
round 139, starting client 46/50, id: 79
round 139, starting client 47/50, id: 18
round 139, starting client 48/50, id: 26
round 139, starting client 49/50, id: 71
round 139, starting client 50/50, id: 25
round 139, validation acc: 0.964
starting round 140
clients: [58 10 5 46 15 94 61 41 42 29 60 2 23 56 11 20 87 80 84 83 48 72 55
47
19 13 90 49 38 8 36 52 31 44 26 97 66 93 16 65 71 54 79 7 62 99 9 91
0 77]
round 140, starting client 1/50, id: 58
round 140, starting client 2/50, id: 10
round 140, starting client 3/50, id: 5
round 140, starting client 4/50, id: 46
round 140, starting client 5/50, id: 15
round 140, starting client 6/50, id: 94
round 140, starting client 7/50, id: 61
round 140, starting client 8/50, id: 41
round 140, starting client 9/50, id: 42
round 140, starting client 10/50, id: 29
round 140, starting client 11/50, id: 60
round 140, starting client 12/50, id: 2
round 140, starting client 13/50, id: 23
round 140, starting client 14/50, id: 56
round 140, starting client 15/50, id: 11
round 140, starting client 16/50, id: 20
round 140, starting client 17/50, id: 87
round 140, starting client 18/50, id: 80
round 140, starting client 19/50, id: 84
round 140, starting client 20/50, id: 83
round 140, starting client 21/50, id: 48
round 140, starting client 22/50, id: 72
round 140, starting client 23/50, id: 55

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round 140, starting client 24/50, id: 47
round 140, starting client 25/50, id: 19
round 140, starting client 26/50, id: 13
round 140, starting client 27/50, id: 90
round 140, starting client 28/50, id: 49
round 140, starting client 29/50, id: 38
round 140, starting client 30/50, id: 8
round 140, starting client 31/50, id: 36
round 140, starting client 32/50, id: 52
round 140, starting client 33/50, id: 31
round 140, starting client 34/50, id: 44
round 140, starting client 35/50, id: 26
round 140, starting client 36/50, id: 97
round 140, starting client 37/50, id: 66
round 140, starting client 38/50, id: 93
round 140, starting client 39/50, id: 16
round 140, starting client 40/50, id: 65
round 140, starting client 41/50, id: 71
round 140, starting client 42/50, id: 54
round 140, starting client 43/50, id: 79
round 140, starting client 44/50, id: 7
round 140, starting client 45/50, id: 62
round 140, starting client 46/50, id: 99
round 140, starting client 47/50, id: 9
round 140, starting client 48/50, id: 91
round 140, starting client 49/50, id: 0
round 140, starting client 50/50, id: 77
round 140, validation acc: 0.9626
starting round 141
clients: [32 31 71 89 43 81 6 93 55 51 79 83 48 77 64 57 94 27 42 82 46 59 52
98
34 76 2 80 29 90 95 30 7 3 12 33 67 23 9 53 97 60 91 99 24 47 41 75
56 4]
round 141, starting client 1/50, id: 32
round 141, starting client 2/50, id: 31
round 141, starting client 3/50, id: 71
round 141, starting client 4/50, id: 89
round 141, starting client 5/50, id: 43
round 141, starting client 6/50, id: 81
round 141, starting client 7/50, id: 6
round 141, starting client 8/50, id: 93
round 141, starting client 9/50, id: 55
round 141, starting client 10/50, id: 51
round 141, starting client 11/50, id: 79
round 141, starting client 12/50, id: 83
round 141, starting client 13/50, id: 48
round 141, starting client 14/50, id: 77
round 141, starting client 15/50, id: 64

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round 141, starting client 16/50, id: 57
round 141, starting client 17/50, id: 94
round 141, starting client 18/50, id: 27
round 141, starting client 19/50, id: 42
round 141, starting client 20/50, id: 82
round 141, starting client 21/50, id: 46
round 141, starting client 22/50, id: 59
round 141, starting client 23/50, id: 52
round 141, starting client 24/50, id: 98
round 141, starting client 25/50, id: 34
round 141, starting client 26/50, id: 76
round 141, starting client 27/50, id: 2
round 141, starting client 28/50, id: 80
round 141, starting client 29/50, id: 29
round 141, starting client 30/50, id: 90
round 141, starting client 31/50, id: 95
round 141, starting client 32/50, id: 30
round 141, starting client 33/50, id: 7
round 141, starting client 34/50, id: 3
round 141, starting client 35/50, id: 12
round 141, starting client 36/50, id: 33
round 141, starting client 37/50, id: 67
round 141, starting client 38/50, id: 23
round 141, starting client 39/50, id: 9
round 141, starting client 40/50, id: 53
round 141, starting client 41/50, id: 97
round 141, starting client 42/50, id: 60
round 141, starting client 43/50, id: 91
round 141, starting client 44/50, id: 99
round 141, starting client 45/50, id: 24
round 141, starting client 46/50, id: 47
round 141, starting client 47/50, id: 41
round 141, starting client 48/50, id: 75
round 141, starting client 49/50, id: 56
round 141, starting client 50/50, id: 4
round 141, validation acc: 0.9636
starting round 142
clients: [68 57 28 89 46 90 22 88 72 99 95 79 82 53 49 62 71 63 1 44 15 5 23
40
98 29 0 61 33 32 34 54 91 92 21 96 3 93 80 86 58 94 7 16 35 25 85 74
10 60]
round 142, starting client 1/50, id: 68
round 142, starting client 2/50, id: 57
round 142, starting client 3/50, id: 28
round 142, starting client 4/50, id: 89
round 142, starting client 5/50, id: 46
round 142, starting client 6/50, id: 90
round 142, starting client 7/50, id: 22

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round 142, starting client 8/50, id: 88
round 142, starting client 9/50, id: 72
round 142, starting client 10/50, id: 99
round 142, starting client 11/50, id: 95
round 142, starting client 12/50, id: 79
round 142, starting client 13/50, id: 82
round 142, starting client 14/50, id: 53
round 142, starting client 15/50, id: 49
round 142, starting client 16/50, id: 62
round 142, starting client 17/50, id: 71
round 142, starting client 18/50, id: 63
round 142, starting client 19/50, id: 1
round 142, starting client 20/50, id: 44
round 142, starting client 21/50, id: 15
round 142, starting client 22/50, id: 5
round 142, starting client 23/50, id: 23
round 142, starting client 24/50, id: 40
round 142, starting client 25/50, id: 98
round 142, starting client 26/50, id: 29
round 142, starting client 27/50, id: 0
round 142, starting client 28/50, id: 61
round 142, starting client 29/50, id: 33
round 142, starting client 30/50, id: 32
round 142, starting client 31/50, id: 34
round 142, starting client 32/50, id: 54
round 142, starting client 33/50, id: 91
round 142, starting client 34/50, id: 92
round 142, starting client 35/50, id: 21
round 142, starting client 36/50, id: 96
round 142, starting client 37/50, id: 3
round 142, starting client 38/50, id: 93
round 142, starting client 39/50, id: 80
round 142, starting client 40/50, id: 86
round 142, starting client 41/50, id: 58
round 142, starting client 42/50, id: 94
round 142, starting client 43/50, id: 7
round 142, starting client 44/50, id: 16
round 142, starting client 45/50, id: 35
round 142, starting client 46/50, id: 25
round 142, starting client 47/50, id: 85
round 142, starting client 48/50, id: 74
round 142, starting client 49/50, id: 10
round 142, starting client 50/50, id: 60
round 142, validation acc: 0.9632
starting round 143
clients: [25 12 61 32 0 29 77 24 88 87 65 22 30 90 58 31 14 71 57 41 62 80 53
60
68 69 74 13 72 42 7 18 1 82 48 92 27 79 86 96 17 44 40 35 36 21 64 6

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5 39]

round 143, starting client 1/50, id: 25
round 143, starting client 2/50, id: 12
round 143, starting client 3/50, id: 61
round 143, starting client 4/50, id: 32
round 143, starting client 5/50, id: 0
round 143, starting client 6/50, id: 29
round 143, starting client 7/50, id: 77
round 143, starting client 8/50, id: 24
round 143, starting client 9/50, id: 88
round 143, starting client 10/50, id: 87
round 143, starting client 11/50, id: 65
round 143, starting client 12/50, id: 22
round 143, starting client 13/50, id: 30
round 143, starting client 14/50, id: 90
round 143, starting client 15/50, id: 58
round 143, starting client 16/50, id: 31
round 143, starting client 17/50, id: 14
round 143, starting client 18/50, id: 71
round 143, starting client 19/50, id: 57
round 143, starting client 20/50, id: 41
round 143, starting client 21/50, id: 62
round 143, starting client 22/50, id: 80
round 143, starting client 23/50, id: 53
round 143, starting client 24/50, id: 60
round 143, starting client 25/50, id: 68
round 143, starting client 26/50, id: 69
round 143, starting client 27/50, id: 74
round 143, starting client 28/50, id: 13
round 143, starting client 29/50, id: 72
round 143, starting client 30/50, id: 42
round 143, starting client 31/50, id: 7
round 143, starting client 32/50, id: 18
round 143, starting client 33/50, id: 1
round 143, starting client 34/50, id: 82
round 143, starting client 35/50, id: 48
round 143, starting client 36/50, id: 92
round 143, starting client 37/50, id: 27
round 143, starting client 38/50, id: 79
round 143, starting client 39/50, id: 86
round 143, starting client 40/50, id: 96
round 143, starting client 41/50, id: 17
round 143, starting client 42/50, id: 44
round 143, starting client 43/50, id: 40
round 143, starting client 44/50, id: 35
round 143, starting client 45/50, id: 36
round 143, starting client 46/50, id: 21
round 143, starting client 47/50, id: 64


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round 143, starting client 48/50, id: 6
round 143, starting client 49/50, id: 5
round 143, starting client 50/50, id: 39
round 143, validation acc: 0.9637
starting round 144
clients: [50 63 78 54 22 40 25 11 60 28 91 98 29 35 6 3 81 95 12 23 43 68 71
7
47 15 16 65 92 0 83 72 21 42 38 82 86 5 51 84 18 58 1 66 48 93 62 4
31 33]
round 144, starting client 1/50, id: 50
round 144, starting client 2/50, id: 63
round 144, starting client 3/50, id: 78
round 144, starting client 4/50, id: 54
round 144, starting client 5/50, id: 22
round 144, starting client 6/50, id: 40
round 144, starting client 7/50, id: 25
round 144, starting client 8/50, id: 11
round 144, starting client 9/50, id: 60
round 144, starting client 10/50, id: 28
round 144, starting client 11/50, id: 91
round 144, starting client 12/50, id: 98
round 144, starting client 13/50, id: 29
round 144, starting client 14/50, id: 35
round 144, starting client 15/50, id: 6
round 144, starting client 16/50, id: 3
round 144, starting client 17/50, id: 81
round 144, starting client 18/50, id: 95
round 144, starting client 19/50, id: 12
round 144, starting client 20/50, id: 23
round 144, starting client 21/50, id: 43
round 144, starting client 22/50, id: 68
round 144, starting client 23/50, id: 71
round 144, starting client 24/50, id: 7
round 144, starting client 25/50, id: 47
round 144, starting client 26/50, id: 15
round 144, starting client 27/50, id: 16
round 144, starting client 28/50, id: 65
round 144, starting client 29/50, id: 92
round 144, starting client 30/50, id: 0
round 144, starting client 31/50, id: 83
round 144, starting client 32/50, id: 72
round 144, starting client 33/50, id: 21
round 144, starting client 34/50, id: 42
round 144, starting client 35/50, id: 38
round 144, starting client 36/50, id: 82
round 144, starting client 37/50, id: 86
round 144, starting client 38/50, id: 5
round 144, starting client 39/50, id: 51

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round 144, starting client 40/50, id: 84
round 144, starting client 41/50, id: 18
round 144, starting client 42/50, id: 58
round 144, starting client 43/50, id: 1
round 144, starting client 44/50, id: 66
round 144, starting client 45/50, id: 48
round 144, starting client 46/50, id: 93
round 144, starting client 47/50, id: 62
round 144, starting client 48/50, id: 4
round 144, starting client 49/50, id: 31
round 144, starting client 50/50, id: 33
round 144, validation acc: 0.9643
starting round 145
clients: [90 40 95 70 45 37 48 30 53 23 21 41 35 68 54 59 77 25 60 18 88 0 89
46
32 12 81 29 67 75 50 65 63 84 47 99 76 8 58 19 78 33 98 1 91 97 49 93
24 27]
round 145, starting client 1/50, id: 90
round 145, starting client 2/50, id: 40
round 145, starting client 3/50, id: 95
round 145, starting client 4/50, id: 70
round 145, starting client 5/50, id: 45
round 145, starting client 6/50, id: 37
round 145, starting client 7/50, id: 48
round 145, starting client 8/50, id: 30
round 145, starting client 9/50, id: 53
round 145, starting client 10/50, id: 23
round 145, starting client 11/50, id: 21
round 145, starting client 12/50, id: 41
round 145, starting client 13/50, id: 35
round 145, starting client 14/50, id: 68
round 145, starting client 15/50, id: 54
round 145, starting client 16/50, id: 59
round 145, starting client 17/50, id: 77
round 145, starting client 18/50, id: 25
round 145, starting client 19/50, id: 60
round 145, starting client 20/50, id: 18
round 145, starting client 21/50, id: 88
round 145, starting client 22/50, id: 0
round 145, starting client 23/50, id: 89
round 145, starting client 24/50, id: 46
round 145, starting client 25/50, id: 32
round 145, starting client 26/50, id: 12
round 145, starting client 27/50, id: 81
round 145, starting client 28/50, id: 29
round 145, starting client 29/50, id: 67
round 145, starting client 30/50, id: 75
round 145, starting client 31/50, id: 50

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round 145, starting client 32/50, id: 65
round 145, starting client 33/50, id: 63
round 145, starting client 34/50, id: 84
round 145, starting client 35/50, id: 47
round 145, starting client 36/50, id: 99
round 145, starting client 37/50, id: 76
round 145, starting client 38/50, id: 8
round 145, starting client 39/50, id: 58
round 145, starting client 40/50, id: 19
round 145, starting client 41/50, id: 78
round 145, starting client 42/50, id: 33
round 145, starting client 43/50, id: 98
round 145, starting client 44/50, id: 1
round 145, starting client 45/50, id: 91
round 145, starting client 46/50, id: 97
round 145, starting client 47/50, id: 49
round 145, starting client 48/50, id: 93
round 145, starting client 49/50, id: 24
round 145, starting client 50/50, id: 27
round 145, validation acc: 0.9643
starting round 146
clients: [22 73 39 2 34 27 33 76 14 84 28 56 29 48 99 17 15 26 6 77 45 59 37
44
61 10 95 9 85 7 4 88 36 3 42 55 67 98 53 82 62 86 78 16 72 94 13 74
66 47]
round 146, starting client 1/50, id: 22
round 146, starting client 2/50, id: 73
round 146, starting client 3/50, id: 39
round 146, starting client 4/50, id: 2
round 146, starting client 5/50, id: 34
round 146, starting client 6/50, id: 27
round 146, starting client 7/50, id: 33
round 146, starting client 8/50, id: 76
round 146, starting client 9/50, id: 14
round 146, starting client 10/50, id: 84
round 146, starting client 11/50, id: 28
round 146, starting client 12/50, id: 56
round 146, starting client 13/50, id: 29
round 146, starting client 14/50, id: 48
round 146, starting client 15/50, id: 99
round 146, starting client 16/50, id: 17
round 146, starting client 17/50, id: 15
round 146, starting client 18/50, id: 26
round 146, starting client 19/50, id: 6
round 146, starting client 20/50, id: 77
round 146, starting client 21/50, id: 45
round 146, starting client 22/50, id: 59
round 146, starting client 23/50, id: 37

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round 146, starting client 24/50, id: 44
round 146, starting client 25/50, id: 61
round 146, starting client 26/50, id: 10
round 146, starting client 27/50, id: 95
round 146, starting client 28/50, id: 9
round 146, starting client 29/50, id: 85
round 146, starting client 30/50, id: 7
round 146, starting client 31/50, id: 4
round 146, starting client 32/50, id: 88
round 146, starting client 33/50, id: 36
round 146, starting client 34/50, id: 3
round 146, starting client 35/50, id: 42
round 146, starting client 36/50, id: 55
round 146, starting client 37/50, id: 67
round 146, starting client 38/50, id: 98
round 146, starting client 39/50, id: 53
round 146, starting client 40/50, id: 82
round 146, starting client 41/50, id: 62
round 146, starting client 42/50, id: 86
round 146, starting client 43/50, id: 78
round 146, starting client 44/50, id: 16
round 146, starting client 45/50, id: 72
round 146, starting client 46/50, id: 94
round 146, starting client 47/50, id: 13
round 146, starting client 48/50, id: 74
round 146, starting client 49/50, id: 66
round 146, starting client 50/50, id: 47
round 146, validation acc: 0.9646
starting round 147
clients: [87 92 5 16 63 41 72 10 58 73 13 37 24 74 43 36 40 81 11 29 27 9 53
91
65 31 57 82 59 39 99 54 52 84 38 86 64 79 8 85 12 61 1 14 93 66 23 62
46 60]
round 147, starting client 1/50, id: 87
round 147, starting client 2/50, id: 92
round 147, starting client 3/50, id: 5
round 147, starting client 4/50, id: 16
round 147, starting client 5/50, id: 63
round 147, starting client 6/50, id: 41
round 147, starting client 7/50, id: 72
round 147, starting client 8/50, id: 10
round 147, starting client 9/50, id: 58
round 147, starting client 10/50, id: 73
round 147, starting client 11/50, id: 13
round 147, starting client 12/50, id: 37
round 147, starting client 13/50, id: 24
round 147, starting client 14/50, id: 74
round 147, starting client 15/50, id: 43

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round 147, starting client 16/50, id: 36
round 147, starting client 17/50, id: 40
round 147, starting client 18/50, id: 81
round 147, starting client 19/50, id: 11
round 147, starting client 20/50, id: 29
round 147, starting client 21/50, id: 27
round 147, starting client 22/50, id: 9
round 147, starting client 23/50, id: 53
round 147, starting client 24/50, id: 91
round 147, starting client 25/50, id: 65
round 147, starting client 26/50, id: 31
round 147, starting client 27/50, id: 57
round 147, starting client 28/50, id: 82
round 147, starting client 29/50, id: 59
round 147, starting client 30/50, id: 39
round 147, starting client 31/50, id: 99
round 147, starting client 32/50, id: 54
round 147, starting client 33/50, id: 52
round 147, starting client 34/50, id: 84
round 147, starting client 35/50, id: 38
round 147, starting client 36/50, id: 86
round 147, starting client 37/50, id: 64
round 147, starting client 38/50, id: 79
round 147, starting client 39/50, id: 8
round 147, starting client 40/50, id: 85
round 147, starting client 41/50, id: 12
round 147, starting client 42/50, id: 61
round 147, starting client 43/50, id: 1
round 147, starting client 44/50, id: 14
round 147, starting client 45/50, id: 93
round 147, starting client 46/50, id: 66
round 147, starting client 47/50, id: 23
round 147, starting client 48/50, id: 62
round 147, starting client 49/50, id: 46
round 147, starting client 50/50, id: 60
round 147, validation acc: 0.9664
starting round 148
clients: [24 23 28 51 92 93 34 45 61 56 81 44 7 15 25 6 26 82 89 76 4 66 54
52
22 39 60 57 16 70 11 3 5 74 62 71 99 79 69 27 53 78 35 48 83 55 80 20
95 19]
round 148, starting client 1/50, id: 24
round 148, starting client 2/50, id: 23
round 148, starting client 3/50, id: 28
round 148, starting client 4/50, id: 51
round 148, starting client 5/50, id: 92
round 148, starting client 6/50, id: 93
round 148, starting client 7/50, id: 34

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round 148, starting client 8/50, id: 45
round 148, starting client 9/50, id: 61
round 148, starting client 10/50, id: 56
round 148, starting client 11/50, id: 81
round 148, starting client 12/50, id: 44
round 148, starting client 13/50, id: 7
round 148, starting client 14/50, id: 15
round 148, starting client 15/50, id: 25
round 148, starting client 16/50, id: 6
round 148, starting client 17/50, id: 26
round 148, starting client 18/50, id: 82
round 148, starting client 19/50, id: 89
round 148, starting client 20/50, id: 76
round 148, starting client 21/50, id: 4
round 148, starting client 22/50, id: 66
round 148, starting client 23/50, id: 54
round 148, starting client 24/50, id: 52
round 148, starting client 25/50, id: 22
round 148, starting client 26/50, id: 39
round 148, starting client 27/50, id: 60
round 148, starting client 28/50, id: 57
round 148, starting client 29/50, id: 16
round 148, starting client 30/50, id: 70
round 148, starting client 31/50, id: 11
round 148, starting client 32/50, id: 3
round 148, starting client 33/50, id: 5
round 148, starting client 34/50, id: 74
round 148, starting client 35/50, id: 62
round 148, starting client 36/50, id: 71
round 148, starting client 37/50, id: 99
round 148, starting client 38/50, id: 79
round 148, starting client 39/50, id: 69
round 148, starting client 40/50, id: 27
round 148, starting client 41/50, id: 53
round 148, starting client 42/50, id: 78
round 148, starting client 43/50, id: 35
round 148, starting client 44/50, id: 48
round 148, starting client 45/50, id: 83
round 148, starting client 46/50, id: 55
round 148, starting client 47/50, id: 80
round 148, starting client 48/50, id: 20
round 148, starting client 49/50, id: 95
round 148, starting client 50/50, id: 19
round 148, validation acc: 0.9669
starting round 149
clients: [59 21 4 94 86 45 62 60 31 89 81 75 25 82 12 47 22 95 90 2 39 72 15
53
1 29 16 64 44 36 24 34 37 91 43 35 33 97 83 46 96 87 0 58 70 32 50 7

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30 55]

round 149, starting client 1/50, id: 59
round 149, starting client 2/50, id: 21
round 149, starting client 3/50, id: 4
round 149, starting client 4/50, id: 94
round 149, starting client 5/50, id: 86
round 149, starting client 6/50, id: 45
round 149, starting client 7/50, id: 62
round 149, starting client 8/50, id: 60
round 149, starting client 9/50, id: 31
round 149, starting client 10/50, id: 89
round 149, starting client 11/50, id: 81
round 149, starting client 12/50, id: 75
round 149, starting client 13/50, id: 25
round 149, starting client 14/50, id: 82
round 149, starting client 15/50, id: 12
round 149, starting client 16/50, id: 47
round 149, starting client 17/50, id: 22
round 149, starting client 18/50, id: 95
round 149, starting client 19/50, id: 90
round 149, starting client 20/50, id: 2
round 149, starting client 21/50, id: 39
round 149, starting client 22/50, id: 72
round 149, starting client 23/50, id: 15
round 149, starting client 24/50, id: 53
round 149, starting client 25/50, id: 1
round 149, starting client 26/50, id: 29
round 149, starting client 27/50, id: 16
round 149, starting client 28/50, id: 64
round 149, starting client 29/50, id: 44
round 149, starting client 30/50, id: 36
round 149, starting client 31/50, id: 24
round 149, starting client 32/50, id: 34
round 149, starting client 33/50, id: 37
round 149, starting client 34/50, id: 91
round 149, starting client 35/50, id: 43
round 149, starting client 36/50, id: 35
round 149, starting client 37/50, id: 33
round 149, starting client 38/50, id: 97
round 149, starting client 39/50, id: 83
round 149, starting client 40/50, id: 46
round 149, starting client 41/50, id: 96
round 149, starting client 42/50, id: 87
round 149, starting client 43/50, id: 0
round 149, starting client 44/50, id: 58
round 149, starting client 45/50, id: 70
round 149, starting client 46/50, id: 32
round 149, starting client 47/50, id: 50

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round 149, starting client 48/50, id: 7
round 149, starting client 49/50, id: 30
round 149, starting client 50/50, id: 55
round 149, validation acc: 0.9656
starting round 150
clients: [13 73 89 58 75 76 95 18 30 22 70 40 37 38 98 69 63 94 35 17 68 71 45
12
15 47 84 29 90 78 66 42 46 8 0 83 10 67 88 86 74 23 11 33 52 24 64 99
25 92]
round 150, starting client 1/50, id: 13
round 150, starting client 2/50, id: 73
round 150, starting client 3/50, id: 89
round 150, starting client 4/50, id: 58
round 150, starting client 5/50, id: 75
round 150, starting client 6/50, id: 76
round 150, starting client 7/50, id: 95
round 150, starting client 8/50, id: 18
round 150, starting client 9/50, id: 30
round 150, starting client 10/50, id: 22
round 150, starting client 11/50, id: 70
round 150, starting client 12/50, id: 40
round 150, starting client 13/50, id: 37
round 150, starting client 14/50, id: 38
round 150, starting client 15/50, id: 98
round 150, starting client 16/50, id: 69
round 150, starting client 17/50, id: 63
round 150, starting client 18/50, id: 94
round 150, starting client 19/50, id: 35
round 150, starting client 20/50, id: 17
round 150, starting client 21/50, id: 68
round 150, starting client 22/50, id: 71
round 150, starting client 23/50, id: 45
round 150, starting client 24/50, id: 12
round 150, starting client 25/50, id: 15
round 150, starting client 26/50, id: 47
round 150, starting client 27/50, id: 84
round 150, starting client 28/50, id: 29
round 150, starting client 29/50, id: 90
round 150, starting client 30/50, id: 78
round 150, starting client 31/50, id: 66
round 150, starting client 32/50, id: 42
round 150, starting client 33/50, id: 46
round 150, starting client 34/50, id: 8
round 150, starting client 35/50, id: 0
round 150, starting client 36/50, id: 83
round 150, starting client 37/50, id: 10
round 150, starting client 38/50, id: 67
round 150, starting client 39/50, id: 88

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round 150, starting client 40/50, id: 86
round 150, starting client 41/50, id: 74
round 150, starting client 42/50, id: 23
round 150, starting client 43/50, id: 11
round 150, starting client 44/50, id: 33
round 150, starting client 45/50, id: 52
round 150, starting client 46/50, id: 24
round 150, starting client 47/50, id: 64
round 150, starting client 48/50, id: 99
round 150, starting client 49/50, id: 25
round 150, starting client 50/50, id: 92
round 150, validation acc: 0.9639
starting round 151
clients: [ 1 63 55 22 79 59 46 93 44 52 99 13 34 45 38 69 62 75 25 11 10 19 41
29
  2 83 18 54 90 39 74 80 35  3 23 47 17 15 64 65 89 21  0 97 67 12 20 50
85 92]
round 151, starting client 1/50, id: 1
round 151, starting client 2/50, id: 63
round 151, starting client 3/50, id: 55
round 151, starting client 4/50, id: 22
round 151, starting client 5/50, id: 79
round 151, starting client 6/50, id: 59
round 151, starting client 7/50, id: 46
round 151, starting client 8/50, id: 93
round 151, starting client 9/50, id: 44
round 151, starting client 10/50, id: 52
round 151, starting client 11/50, id: 99
round 151, starting client 12/50, id: 13
round 151, starting client 13/50, id: 34
round 151, starting client 14/50, id: 45
round 151, starting client 15/50, id: 38
round 151, starting client 16/50, id: 69
round 151, starting client 17/50, id: 62
round 151, starting client 18/50, id: 75
round 151, starting client 19/50, id: 25
round 151, starting client 20/50, id: 11
round 151, starting client 21/50, id: 10
round 151, starting client 22/50, id: 19
round 151, starting client 23/50, id: 41
round 151, starting client 24/50, id: 29
round 151, starting client 25/50, id: 2
round 151, starting client 26/50, id: 83
round 151, starting client 27/50, id: 18
round 151, starting client 28/50, id: 54
round 151, starting client 29/50, id: 90
round 151, starting client 30/50, id: 39
round 151, starting client 31/50, id: 74

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round 151, starting client 32/50, id: 80
round 151, starting client 33/50, id: 35
round 151, starting client 34/50, id: 3
round 151, starting client 35/50, id: 23
round 151, starting client 36/50, id: 47
round 151, starting client 37/50, id: 17
round 151, starting client 38/50, id: 15
round 151, starting client 39/50, id: 64
round 151, starting client 40/50, id: 65
round 151, starting client 41/50, id: 89
round 151, starting client 42/50, id: 21
round 151, starting client 43/50, id: 0
round 151, starting client 44/50, id: 97
round 151, starting client 45/50, id: 67
round 151, starting client 46/50, id: 12
round 151, starting client 47/50, id: 20
round 151, starting client 48/50, id: 50
round 151, starting client 49/50, id: 85
round 151, starting client 50/50, id: 92
round 151, validation acc: 0.9628
starting round 152
clients: [28 11 54 15 41 43 21 26 45 72 68 47 71 95 49 24 7 69 82 4 25 96 58
97
8 62 44 10 9 32 90 20 29 35 33 50 94 30 88 84 59 67 64 48 81 70 92 17
80 85]
round 152, starting client 1/50, id: 28
round 152, starting client 2/50, id: 11
round 152, starting client 3/50, id: 54
round 152, starting client 4/50, id: 15
round 152, starting client 5/50, id: 41
round 152, starting client 6/50, id: 43
round 152, starting client 7/50, id: 21
round 152, starting client 8/50, id: 26
round 152, starting client 9/50, id: 45
round 152, starting client 10/50, id: 72
round 152, starting client 11/50, id: 68
round 152, starting client 12/50, id: 47
round 152, starting client 13/50, id: 71
round 152, starting client 14/50, id: 95
round 152, starting client 15/50, id: 49
round 152, starting client 16/50, id: 24
round 152, starting client 17/50, id: 7
round 152, starting client 18/50, id: 69
round 152, starting client 19/50, id: 82
round 152, starting client 20/50, id: 4
round 152, starting client 21/50, id: 25
round 152, starting client 22/50, id: 96
round 152, starting client 23/50, id: 58

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round 152, starting client 24/50, id: 97
round 152, starting client 25/50, id: 8
round 152, starting client 26/50, id: 62
round 152, starting client 27/50, id: 44
round 152, starting client 28/50, id: 10
round 152, starting client 29/50, id: 9
round 152, starting client 30/50, id: 32
round 152, starting client 31/50, id: 90
round 152, starting client 32/50, id: 20
round 152, starting client 33/50, id: 29
round 152, starting client 34/50, id: 35
round 152, starting client 35/50, id: 33
round 152, starting client 36/50, id: 50
round 152, starting client 37/50, id: 94
round 152, starting client 38/50, id: 30
round 152, starting client 39/50, id: 88
round 152, starting client 40/50, id: 84
round 152, starting client 41/50, id: 59
round 152, starting client 42/50, id: 67
round 152, starting client 43/50, id: 64
round 152, starting client 44/50, id: 48
round 152, starting client 45/50, id: 81
round 152, starting client 46/50, id: 70
round 152, starting client 47/50, id: 92
round 152, starting client 48/50, id: 17
round 152, starting client 49/50, id: 80
round 152, starting client 50/50, id: 85
round 152, validation acc: 0.9637
starting round 153
clients: [88 49 20 54 76 68 59 73 45 50 31 11 70 37 87 8 22 66 57 60 55 16 35
9
3 24 43 39 13 79 85 62 48 21 58 53 98 44 25 80 72 23 1 42 92 2 34 90
74 0]
round 153, starting client 1/50, id: 88
round 153, starting client 2/50, id: 49
round 153, starting client 3/50, id: 20
round 153, starting client 4/50, id: 54
round 153, starting client 5/50, id: 76
round 153, starting client 6/50, id: 68
round 153, starting client 7/50, id: 59
round 153, starting client 8/50, id: 73
round 153, starting client 9/50, id: 45
round 153, starting client 10/50, id: 50
round 153, starting client 11/50, id: 31
round 153, starting client 12/50, id: 11
round 153, starting client 13/50, id: 70
round 153, starting client 14/50, id: 37
round 153, starting client 15/50, id: 87

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round 153, starting client 16/50, id: 8
round 153, starting client 17/50, id: 22
round 153, starting client 18/50, id: 66
round 153, starting client 19/50, id: 57
round 153, starting client 20/50, id: 60
round 153, starting client 21/50, id: 55
round 153, starting client 22/50, id: 16
round 153, starting client 23/50, id: 35
round 153, starting client 24/50, id: 9
round 153, starting client 25/50, id: 3
round 153, starting client 26/50, id: 24
round 153, starting client 27/50, id: 43
round 153, starting client 28/50, id: 39
round 153, starting client 29/50, id: 13
round 153, starting client 30/50, id: 79
round 153, starting client 31/50, id: 85
round 153, starting client 32/50, id: 62
round 153, starting client 33/50, id: 48
round 153, starting client 34/50, id: 21
round 153, starting client 35/50, id: 58
round 153, starting client 36/50, id: 53
round 153, starting client 37/50, id: 98
round 153, starting client 38/50, id: 44
round 153, starting client 39/50, id: 25
round 153, starting client 40/50, id: 80
round 153, starting client 41/50, id: 72
round 153, starting client 42/50, id: 23
round 153, starting client 43/50, id: 1
round 153, starting client 44/50, id: 42
round 153, starting client 45/50, id: 92
round 153, starting client 46/50, id: 2
round 153, starting client 47/50, id: 34
round 153, starting client 48/50, id: 90
round 153, starting client 49/50, id: 74
round 153, starting client 50/50, id: 0
round 153, validation acc: 0.9671
starting round 154
clients: [77 22 35 30 45 60 74 36 25 17 32 15 14 55 78 9 70 89 98 16 51 40 75
53
86 20 33 48 31 57 68 81 93 73 91 66 67 94 42 0 19 1 82 76 54 72 2 92
56 80]
round 154, starting client 1/50, id: 77
round 154, starting client 2/50, id: 22
round 154, starting client 3/50, id: 35
round 154, starting client 4/50, id: 30
round 154, starting client 5/50, id: 45
round 154, starting client 6/50, id: 60
round 154, starting client 7/50, id: 74

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round 154, starting client 8/50, id: 36
round 154, starting client 9/50, id: 25
round 154, starting client 10/50, id: 17
round 154, starting client 11/50, id: 32
round 154, starting client 12/50, id: 15
round 154, starting client 13/50, id: 14
round 154, starting client 14/50, id: 55
round 154, starting client 15/50, id: 78
round 154, starting client 16/50, id: 9
round 154, starting client 17/50, id: 70
round 154, starting client 18/50, id: 89
round 154, starting client 19/50, id: 98
round 154, starting client 20/50, id: 16
round 154, starting client 21/50, id: 51
round 154, starting client 22/50, id: 40
round 154, starting client 23/50, id: 75
round 154, starting client 24/50, id: 53
round 154, starting client 25/50, id: 86
round 154, starting client 26/50, id: 20
round 154, starting client 27/50, id: 33
round 154, starting client 28/50, id: 48
round 154, starting client 29/50, id: 31
round 154, starting client 30/50, id: 57
round 154, starting client 31/50, id: 68
round 154, starting client 32/50, id: 81
round 154, starting client 33/50, id: 93
round 154, starting client 34/50, id: 73
round 154, starting client 35/50, id: 91
round 154, starting client 36/50, id: 66
round 154, starting client 37/50, id: 67
round 154, starting client 38/50, id: 94
round 154, starting client 39/50, id: 42
round 154, starting client 40/50, id: 0
round 154, starting client 41/50, id: 19
round 154, starting client 42/50, id: 1
round 154, starting client 43/50, id: 82
round 154, starting client 44/50, id: 76
round 154, starting client 45/50, id: 54
round 154, starting client 46/50, id: 72
round 154, starting client 47/50, id: 2
round 154, starting client 48/50, id: 92
round 154, starting client 49/50, id: 56
round 154, starting client 50/50, id: 80
round 154, validation acc: 0.9658
starting round 155
clients: [62 91 53 57 24 26 84 85 13 11 80 79 22 21 10 94 92 58 54 20 28 72 19
63
50 88 59 35 47 89 69 82 60 46 78 43 67 39 38 18 41 37 25 73 55 40 1 52

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90 93]

round 155, starting client 1/50, id: 62
round 155, starting client 2/50, id: 91
round 155, starting client 3/50, id: 53
round 155, starting client 4/50, id: 57
round 155, starting client 5/50, id: 24
round 155, starting client 6/50, id: 26
round 155, starting client 7/50, id: 84
round 155, starting client 8/50, id: 85
round 155, starting client 9/50, id: 13
round 155, starting client 10/50, id: 11
round 155, starting client 11/50, id: 80
round 155, starting client 12/50, id: 79
round 155, starting client 13/50, id: 22
round 155, starting client 14/50, id: 21
round 155, starting client 15/50, id: 10
round 155, starting client 16/50, id: 94
round 155, starting client 17/50, id: 92
round 155, starting client 18/50, id: 58
round 155, starting client 19/50, id: 54
round 155, starting client 20/50, id: 20
round 155, starting client 21/50, id: 28
round 155, starting client 22/50, id: 72
round 155, starting client 23/50, id: 19
round 155, starting client 24/50, id: 63
round 155, starting client 25/50, id: 50
round 155, starting client 26/50, id: 88
round 155, starting client 27/50, id: 59
round 155, starting client 28/50, id: 35
round 155, starting client 29/50, id: 47
round 155, starting client 30/50, id: 89
round 155, starting client 31/50, id: 69
round 155, starting client 32/50, id: 82
round 155, starting client 33/50, id: 60
round 155, starting client 34/50, id: 46
round 155, starting client 35/50, id: 78
round 155, starting client 36/50, id: 43
round 155, starting client 37/50, id: 67
round 155, starting client 38/50, id: 39
round 155, starting client 39/50, id: 38
round 155, starting client 40/50, id: 18
round 155, starting client 41/50, id: 41
round 155, starting client 42/50, id: 37
round 155, starting client 43/50, id: 25
round 155, starting client 44/50, id: 73
round 155, starting client 45/50, id: 55
round 155, starting client 46/50, id: 40
round 155, starting client 47/50, id: 1

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round 155, starting client 48/50, id: 52
round 155, starting client 49/50, id: 90
round 155, starting client 50/50, id: 93
round 155, validation acc: 0.9644
starting round 156
clients: [88  4 25 98 53 26 22  2 44 64 96 15  9 27 11 97 77 81 75 89  0 83 51
7
19 67  3 30 78 80 32 72 93 99  1 87 50 41 84 63 82 70  6 21 73 95 12 39
28 68]
round 156, starting client 1/50, id: 88
round 156, starting client 2/50, id: 4
round 156, starting client 3/50, id: 25
round 156, starting client 4/50, id: 98
round 156, starting client 5/50, id: 53
round 156, starting client 6/50, id: 26
round 156, starting client 7/50, id: 22
round 156, starting client 8/50, id: 2
round 156, starting client 9/50, id: 44
round 156, starting client 10/50, id: 64
round 156, starting client 11/50, id: 96
round 156, starting client 12/50, id: 15
round 156, starting client 13/50, id: 9
round 156, starting client 14/50, id: 27
round 156, starting client 15/50, id: 11
round 156, starting client 16/50, id: 97
round 156, starting client 17/50, id: 77
round 156, starting client 18/50, id: 81
round 156, starting client 19/50, id: 75
round 156, starting client 20/50, id: 89
round 156, starting client 21/50, id: 0
round 156, starting client 22/50, id: 83
round 156, starting client 23/50, id: 51
round 156, starting client 24/50, id: 7
round 156, starting client 25/50, id: 19
round 156, starting client 26/50, id: 67
round 156, starting client 27/50, id: 3
round 156, starting client 28/50, id: 30
round 156, starting client 29/50, id: 78
round 156, starting client 30/50, id: 80
round 156, starting client 31/50, id: 32
round 156, starting client 32/50, id: 72
round 156, starting client 33/50, id: 93
round 156, starting client 34/50, id: 99
round 156, starting client 35/50, id: 1
round 156, starting client 36/50, id: 87
round 156, starting client 37/50, id: 50
round 156, starting client 38/50, id: 41
round 156, starting client 39/50, id: 84

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round 156, starting client 40/50, id: 63
round 156, starting client 41/50, id: 82
round 156, starting client 42/50, id: 70
round 156, starting client 43/50, id: 6
round 156, starting client 44/50, id: 21
round 156, starting client 45/50, id: 73
round 156, starting client 46/50, id: 95
round 156, starting client 47/50, id: 12
round 156, starting client 48/50, id: 39
round 156, starting client 49/50, id: 28
round 156, starting client 50/50, id: 68
round 156, validation acc: 0.9666
starting round 157
clients: [89 14 6 81 63 21 12 47 94 95 70 77 23 57 37 26 11 28 36 90 10 48 65
56
22 34 71 78 69 60 93 15 88 39 44 5 33 66 43 59 54 32 80 76 29 42 38 0
99 82]
round 157, starting client 1/50, id: 89
round 157, starting client 2/50, id: 14
round 157, starting client 3/50, id: 6
round 157, starting client 4/50, id: 81
round 157, starting client 5/50, id: 63
round 157, starting client 6/50, id: 21
round 157, starting client 7/50, id: 12
round 157, starting client 8/50, id: 47
round 157, starting client 9/50, id: 94
round 157, starting client 10/50, id: 95
round 157, starting client 11/50, id: 70
round 157, starting client 12/50, id: 77
round 157, starting client 13/50, id: 23
round 157, starting client 14/50, id: 57
round 157, starting client 15/50, id: 37
round 157, starting client 16/50, id: 26
round 157, starting client 17/50, id: 11
round 157, starting client 18/50, id: 28
round 157, starting client 19/50, id: 36
round 157, starting client 20/50, id: 90
round 157, starting client 21/50, id: 10
round 157, starting client 22/50, id: 48
round 157, starting client 23/50, id: 65
round 157, starting client 24/50, id: 56
round 157, starting client 25/50, id: 22
round 157, starting client 26/50, id: 34
round 157, starting client 27/50, id: 71
round 157, starting client 28/50, id: 78
round 157, starting client 29/50, id: 69
round 157, starting client 30/50, id: 60
round 157, starting client 31/50, id: 93

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round 157, starting client 32/50, id: 15
round 157, starting client 33/50, id: 88
round 157, starting client 34/50, id: 39
round 157, starting client 35/50, id: 44
round 157, starting client 36/50, id: 5
round 157, starting client 37/50, id: 33
round 157, starting client 38/50, id: 66
round 157, starting client 39/50, id: 43
round 157, starting client 40/50, id: 59
round 157, starting client 41/50, id: 54
round 157, starting client 42/50, id: 32
round 157, starting client 43/50, id: 80
round 157, starting client 44/50, id: 76
round 157, starting client 45/50, id: 29
round 157, starting client 46/50, id: 42
round 157, starting client 47/50, id: 38
round 157, starting client 48/50, id: 0
round 157, starting client 49/50, id: 99
round 157, starting client 50/50, id: 82
round 157, validation acc: 0.966
starting round 158
clients: [70 98 38 29 43 4 68 81 40 8 30 64 65 96 48 94 3 76 51 62 75 22 44
69
19 97 55 73 10 87 27 85 66 15 1 80 84 5 79 99 60 37 78 45 12 74 35 59
34 14]
round 158, starting client 1/50, id: 70
round 158, starting client 2/50, id: 98
round 158, starting client 3/50, id: 38
round 158, starting client 4/50, id: 29
round 158, starting client 5/50, id: 43
round 158, starting client 6/50, id: 4
round 158, starting client 7/50, id: 68
round 158, starting client 8/50, id: 81
round 158, starting client 9/50, id: 40
round 158, starting client 10/50, id: 8
round 158, starting client 11/50, id: 30
round 158, starting client 12/50, id: 64
round 158, starting client 13/50, id: 65
round 158, starting client 14/50, id: 96
round 158, starting client 15/50, id: 48
round 158, starting client 16/50, id: 94
round 158, starting client 17/50, id: 3
round 158, starting client 18/50, id: 76
round 158, starting client 19/50, id: 51
round 158, starting client 20/50, id: 62
round 158, starting client 21/50, id: 75
round 158, starting client 22/50, id: 22
round 158, starting client 23/50, id: 44

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round 158, starting client 24/50, id: 69
round 158, starting client 25/50, id: 19
round 158, starting client 26/50, id: 97
round 158, starting client 27/50, id: 55
round 158, starting client 28/50, id: 73
round 158, starting client 29/50, id: 10
round 158, starting client 30/50, id: 87
round 158, starting client 31/50, id: 27
round 158, starting client 32/50, id: 85
round 158, starting client 33/50, id: 66
round 158, starting client 34/50, id: 15
round 158, starting client 35/50, id: 1
round 158, starting client 36/50, id: 80
round 158, starting client 37/50, id: 84
round 158, starting client 38/50, id: 5
round 158, starting client 39/50, id: 79
round 158, starting client 40/50, id: 99
round 158, starting client 41/50, id: 60
round 158, starting client 42/50, id: 37
round 158, starting client 43/50, id: 78
round 158, starting client 44/50, id: 45
round 158, starting client 45/50, id: 12
round 158, starting client 46/50, id: 74
round 158, starting client 47/50, id: 35
round 158, starting client 48/50, id: 59
round 158, starting client 49/50, id: 34
round 158, starting client 50/50, id: 14
round 158, validation acc: 0.9638
starting round 159
clients: [89 64 96 9 24 66 88 91 86 53 48 98 30 50 87 71 36 34 45 56 84 63 8
61
26 15 47 17 81 76 38 22 16 82 32 43 49 21 28 85 58 39 12 92 94 14 95 27
69 37]
round 159, starting client 1/50, id: 89
round 159, starting client 2/50, id: 64
round 159, starting client 3/50, id: 96
round 159, starting client 4/50, id: 9
round 159, starting client 5/50, id: 24
round 159, starting client 6/50, id: 66
round 159, starting client 7/50, id: 88
round 159, starting client 8/50, id: 91
round 159, starting client 9/50, id: 86
round 159, starting client 10/50, id: 53
round 159, starting client 11/50, id: 48
round 159, starting client 12/50, id: 98
round 159, starting client 13/50, id: 30
round 159, starting client 14/50, id: 50
round 159, starting client 15/50, id: 87

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round 159, starting client 16/50, id: 71
round 159, starting client 17/50, id: 36
round 159, starting client 18/50, id: 34
round 159, starting client 19/50, id: 45
round 159, starting client 20/50, id: 56
round 159, starting client 21/50, id: 84
round 159, starting client 22/50, id: 63
round 159, starting client 23/50, id: 8
round 159, starting client 24/50, id: 61
round 159, starting client 25/50, id: 26
round 159, starting client 26/50, id: 15
round 159, starting client 27/50, id: 47
round 159, starting client 28/50, id: 17
round 159, starting client 29/50, id: 81
round 159, starting client 30/50, id: 76
round 159, starting client 31/50, id: 38
round 159, starting client 32/50, id: 22
round 159, starting client 33/50, id: 16
round 159, starting client 34/50, id: 82
round 159, starting client 35/50, id: 32
round 159, starting client 36/50, id: 43
round 159, starting client 37/50, id: 49
round 159, starting client 38/50, id: 21
round 159, starting client 39/50, id: 28
round 159, starting client 40/50, id: 85
round 159, starting client 41/50, id: 58
round 159, starting client 42/50, id: 39
round 159, starting client 43/50, id: 12
round 159, starting client 44/50, id: 92
round 159, starting client 45/50, id: 94
round 159, starting client 46/50, id: 14
round 159, starting client 47/50, id: 95
round 159, starting client 48/50, id: 27
round 159, starting client 49/50, id: 69
round 159, starting client 50/50, id: 37
round 159, validation acc: 0.9666
starting round 160
clients: [81 86 38 43 64 34 73 99 88 66 39 72 40 11 87 80 9 7 12 17 31 22 54
71
45 59 14 47 26 56 61 91 10 95 3 37 28 32 68 0 51 49 6 13 75 30 89 98
8 20]
round 160, starting client 1/50, id: 81
round 160, starting client 2/50, id: 86
round 160, starting client 3/50, id: 38
round 160, starting client 4/50, id: 43
round 160, starting client 5/50, id: 64
round 160, starting client 6/50, id: 34
round 160, starting client 7/50, id: 73

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round 160, starting client 8/50, id: 99
round 160, starting client 9/50, id: 88
round 160, starting client 10/50, id: 66
round 160, starting client 11/50, id: 39
round 160, starting client 12/50, id: 72
round 160, starting client 13/50, id: 40
round 160, starting client 14/50, id: 11
round 160, starting client 15/50, id: 87
round 160, starting client 16/50, id: 80
round 160, starting client 17/50, id: 9
round 160, starting client 18/50, id: 7
round 160, starting client 19/50, id: 12
round 160, starting client 20/50, id: 17
round 160, starting client 21/50, id: 31
round 160, starting client 22/50, id: 22
round 160, starting client 23/50, id: 54
round 160, starting client 24/50, id: 71
round 160, starting client 25/50, id: 45
round 160, starting client 26/50, id: 59
round 160, starting client 27/50, id: 14
round 160, starting client 28/50, id: 47
round 160, starting client 29/50, id: 26
round 160, starting client 30/50, id: 56
round 160, starting client 31/50, id: 61
round 160, starting client 32/50, id: 91
round 160, starting client 33/50, id: 10
round 160, starting client 34/50, id: 95
round 160, starting client 35/50, id: 3
round 160, starting client 36/50, id: 37
round 160, starting client 37/50, id: 28
round 160, starting client 38/50, id: 32
round 160, starting client 39/50, id: 68
round 160, starting client 40/50, id: 0
round 160, starting client 41/50, id: 51
round 160, starting client 42/50, id: 49
round 160, starting client 43/50, id: 6
round 160, starting client 44/50, id: 13
round 160, starting client 45/50, id: 75
round 160, starting client 46/50, id: 30
round 160, starting client 47/50, id: 89
round 160, starting client 48/50, id: 98
round 160, starting client 49/50, id: 8
round 160, starting client 50/50, id: 20
round 160, validation acc: 0.968
starting round 161
clients: [39 44 91 7 16 50 60 58 64 25 43 21 31 84 51 73 14 10 40 0 34 27 3
76
18 56 70 61 2 66 23 89 95 71 53 77 20 24 38 86 94 63 80 45 90 8 57 30

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5 33]

round 161, starting client 1/50, id: 39
round 161, starting client 2/50, id: 44
round 161, starting client 3/50, id: 91
round 161, starting client 4/50, id: 7
round 161, starting client 5/50, id: 16
round 161, starting client 6/50, id: 50
round 161, starting client 7/50, id: 60
round 161, starting client 8/50, id: 58
round 161, starting client 9/50, id: 64
round 161, starting client 10/50, id: 25
round 161, starting client 11/50, id: 43
round 161, starting client 12/50, id: 21
round 161, starting client 13/50, id: 31
round 161, starting client 14/50, id: 84
round 161, starting client 15/50, id: 51
round 161, starting client 16/50, id: 73
round 161, starting client 17/50, id: 14
round 161, starting client 18/50, id: 10
round 161, starting client 19/50, id: 40
round 161, starting client 20/50, id: 0
round 161, starting client 21/50, id: 34
round 161, starting client 22/50, id: 27
round 161, starting client 23/50, id: 3
round 161, starting client 24/50, id: 76
round 161, starting client 25/50, id: 18
round 161, starting client 26/50, id: 56
round 161, starting client 27/50, id: 70
round 161, starting client 28/50, id: 61
round 161, starting client 29/50, id: 2
round 161, starting client 30/50, id: 66
round 161, starting client 31/50, id: 23
round 161, starting client 32/50, id: 89
round 161, starting client 33/50, id: 95
round 161, starting client 34/50, id: 71
round 161, starting client 35/50, id: 53
round 161, starting client 36/50, id: 77
round 161, starting client 37/50, id: 20
round 161, starting client 38/50, id: 24
round 161, starting client 39/50, id: 38
round 161, starting client 40/50, id: 86
round 161, starting client 41/50, id: 94
round 161, starting client 42/50, id: 63
round 161, starting client 43/50, id: 80
round 161, starting client 44/50, id: 45
round 161, starting client 45/50, id: 90
round 161, starting client 46/50, id: 8
round 161, starting client 47/50, id: 57

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round 161, starting client 48/50, id: 30
round 161, starting client 49/50, id: 5
round 161, starting client 50/50, id: 33
round 161, validation acc: 0.9678
starting round 162
clients: [23 64 97 46 86 87 77 89 73 83 37  7 11 61 79 44 36 39 12 29 40 54 65
24
 16 30 98 27 92 58 20  3 95 66 67 43 80 93 90 32 49  1  5 42 85 10 15 72
52 13]
round 162, starting client 1/50, id: 23
round 162, starting client 2/50, id: 64
round 162, starting client 3/50, id: 97
round 162, starting client 4/50, id: 46
round 162, starting client 5/50, id: 86
round 162, starting client 6/50, id: 87
round 162, starting client 7/50, id: 77
round 162, starting client 8/50, id: 89
round 162, starting client 9/50, id: 73
round 162, starting client 10/50, id: 83
round 162, starting client 11/50, id: 37
round 162, starting client 12/50, id: 7
round 162, starting client 13/50, id: 11
round 162, starting client 14/50, id: 61
round 162, starting client 15/50, id: 79
round 162, starting client 16/50, id: 44
round 162, starting client 17/50, id: 36
round 162, starting client 18/50, id: 39
round 162, starting client 19/50, id: 12
round 162, starting client 20/50, id: 29
round 162, starting client 21/50, id: 40
round 162, starting client 22/50, id: 54
round 162, starting client 23/50, id: 65
round 162, starting client 24/50, id: 24
round 162, starting client 25/50, id: 16
round 162, starting client 26/50, id: 30
round 162, starting client 27/50, id: 98
round 162, starting client 28/50, id: 27
round 162, starting client 29/50, id: 92
round 162, starting client 30/50, id: 58
round 162, starting client 31/50, id: 20
round 162, starting client 32/50, id: 3
round 162, starting client 33/50, id: 95
round 162, starting client 34/50, id: 66
round 162, starting client 35/50, id: 67
round 162, starting client 36/50, id: 43
round 162, starting client 37/50, id: 80
round 162, starting client 38/50, id: 93
round 162, starting client 39/50, id: 90

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round 162, starting client 40/50, id: 32
round 162, starting client 41/50, id: 49
round 162, starting client 42/50, id: 1
round 162, starting client 43/50, id: 5
round 162, starting client 44/50, id: 42
round 162, starting client 45/50, id: 85
round 162, starting client 46/50, id: 10
round 162, starting client 47/50, id: 15
round 162, starting client 48/50, id: 72
round 162, starting client 49/50, id: 52
round 162, starting client 50/50, id: 13
round 162, validation acc: 0.9691
starting round 163
clients: [89 19 67 51 32 7 40 58 75 62 36 85 22 92 80 46 49 47 3 69 23 11 72
53
77 8 60 91 26 30 97 70 48 18 65 99 84 37 81 90 13 1 78 31 52 45 55 50
94 63]
round 163, starting client 1/50, id: 89
round 163, starting client 2/50, id: 19
round 163, starting client 3/50, id: 67
round 163, starting client 4/50, id: 51
round 163, starting client 5/50, id: 32
round 163, starting client 6/50, id: 7
round 163, starting client 7/50, id: 40
round 163, starting client 8/50, id: 58
round 163, starting client 9/50, id: 75
round 163, starting client 10/50, id: 62
round 163, starting client 11/50, id: 36
round 163, starting client 12/50, id: 85
round 163, starting client 13/50, id: 22
round 163, starting client 14/50, id: 92
round 163, starting client 15/50, id: 80
round 163, starting client 16/50, id: 46
round 163, starting client 17/50, id: 49
round 163, starting client 18/50, id: 47
round 163, starting client 19/50, id: 3
round 163, starting client 20/50, id: 69
round 163, starting client 21/50, id: 23
round 163, starting client 22/50, id: 11
round 163, starting client 23/50, id: 72
round 163, starting client 24/50, id: 53
round 163, starting client 25/50, id: 77
round 163, starting client 26/50, id: 8
round 163, starting client 27/50, id: 60
round 163, starting client 28/50, id: 91
round 163, starting client 29/50, id: 26
round 163, starting client 30/50, id: 30
round 163, starting client 31/50, id: 97

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round 163, starting client 32/50, id: 70
round 163, starting client 33/50, id: 48
round 163, starting client 34/50, id: 18
round 163, starting client 35/50, id: 65
round 163, starting client 36/50, id: 99
round 163, starting client 37/50, id: 84
round 163, starting client 38/50, id: 37
round 163, starting client 39/50, id: 81
round 163, starting client 40/50, id: 90
round 163, starting client 41/50, id: 13
round 163, starting client 42/50, id: 1
round 163, starting client 43/50, id: 78
round 163, starting client 44/50, id: 31
round 163, starting client 45/50, id: 52
round 163, starting client 46/50, id: 45
round 163, starting client 47/50, id: 55
round 163, starting client 48/50, id: 50
round 163, starting client 49/50, id: 94
round 163, starting client 50/50, id: 63
round 163, validation acc: 0.9664
starting round 164
clients: [61 32 86 78 47 97 57 15 77 21 92 31 30 60 27 67 16 71 17 18 37 11 68
64
48 34 13 93 59 90 22 44 79 23 95 54 85 35 24 76 29 46 96 83 87 4 8 82
45 39]
round 164, starting client 1/50, id: 61
round 164, starting client 2/50, id: 32
round 164, starting client 3/50, id: 86
round 164, starting client 4/50, id: 78
round 164, starting client 5/50, id: 47
round 164, starting client 6/50, id: 97
round 164, starting client 7/50, id: 57
round 164, starting client 8/50, id: 15
round 164, starting client 9/50, id: 77
round 164, starting client 10/50, id: 21
round 164, starting client 11/50, id: 92
round 164, starting client 12/50, id: 31
round 164, starting client 13/50, id: 30
round 164, starting client 14/50, id: 60
round 164, starting client 15/50, id: 27
round 164, starting client 16/50, id: 67
round 164, starting client 17/50, id: 16
round 164, starting client 18/50, id: 71
round 164, starting client 19/50, id: 17
round 164, starting client 20/50, id: 18
round 164, starting client 21/50, id: 37
round 164, starting client 22/50, id: 11
round 164, starting client 23/50, id: 68

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round 164, starting client 24/50, id: 64
round 164, starting client 25/50, id: 48
round 164, starting client 26/50, id: 34
round 164, starting client 27/50, id: 13
round 164, starting client 28/50, id: 93
round 164, starting client 29/50, id: 59
round 164, starting client 30/50, id: 90
round 164, starting client 31/50, id: 22
round 164, starting client 32/50, id: 44
round 164, starting client 33/50, id: 79
round 164, starting client 34/50, id: 23
round 164, starting client 35/50, id: 95
round 164, starting client 36/50, id: 54
round 164, starting client 37/50, id: 85
round 164, starting client 38/50, id: 35
round 164, starting client 39/50, id: 24
round 164, starting client 40/50, id: 76
round 164, starting client 41/50, id: 29
round 164, starting client 42/50, id: 46
round 164, starting client 43/50, id: 96
round 164, starting client 44/50, id: 83
round 164, starting client 45/50, id: 87
round 164, starting client 46/50, id: 4
round 164, starting client 47/50, id: 8
round 164, starting client 48/50, id: 82
round 164, starting client 49/50, id: 45
round 164, starting client 50/50, id: 39
round 164, validation acc: 0.9656
starting round 165
clients: [ 7 80 72 34 90 16 9 24 78 4 41 3 47 37 67 82 46 44 51 59 5 48 21
14
40 55 6 93 25 83 18 26 42 60 28 76 96 50 8 86 57 53 1 70 62 85 17 61
98 20]
round 165, starting client 1/50, id: 7
round 165, starting client 2/50, id: 80
round 165, starting client 3/50, id: 72
round 165, starting client 4/50, id: 34
round 165, starting client 5/50, id: 90
round 165, starting client 6/50, id: 16
round 165, starting client 7/50, id: 9
round 165, starting client 8/50, id: 24
round 165, starting client 9/50, id: 78
round 165, starting client 10/50, id: 4
round 165, starting client 11/50, id: 41
round 165, starting client 12/50, id: 3
round 165, starting client 13/50, id: 47
round 165, starting client 14/50, id: 37
round 165, starting client 15/50, id: 67

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round 165, starting client 16/50, id: 82
round 165, starting client 17/50, id: 46
round 165, starting client 18/50, id: 44
round 165, starting client 19/50, id: 51
round 165, starting client 20/50, id: 59
round 165, starting client 21/50, id: 5
round 165, starting client 22/50, id: 48
round 165, starting client 23/50, id: 21
round 165, starting client 24/50, id: 14
round 165, starting client 25/50, id: 40
round 165, starting client 26/50, id: 55
round 165, starting client 27/50, id: 6
round 165, starting client 28/50, id: 93
round 165, starting client 29/50, id: 25
round 165, starting client 30/50, id: 83
round 165, starting client 31/50, id: 18
round 165, starting client 32/50, id: 26
round 165, starting client 33/50, id: 42
round 165, starting client 34/50, id: 60
round 165, starting client 35/50, id: 28
round 165, starting client 36/50, id: 76
round 165, starting client 37/50, id: 96
round 165, starting client 38/50, id: 50
round 165, starting client 39/50, id: 8
round 165, starting client 40/50, id: 86
round 165, starting client 41/50, id: 57
round 165, starting client 42/50, id: 53
round 165, starting client 43/50, id: 1
round 165, starting client 44/50, id: 70
round 165, starting client 45/50, id: 62
round 165, starting client 46/50, id: 85
round 165, starting client 47/50, id: 17
round 165, starting client 48/50, id: 61
round 165, starting client 49/50, id: 98
round 165, starting client 50/50, id: 20
round 165, validation acc: 0.9667
starting round 166
clients: [33 80 98 16 62 34 30 89 28 18 82 24 94 70 92 43 1 65 86 93 88 4 13
15
39 35 17 55 10 69 72 63 73 19 23 14 57 95 31 37 67 46 22 79 74 21 11 51
38 20]
round 166, starting client 1/50, id: 33
round 166, starting client 2/50, id: 80
round 166, starting client 3/50, id: 98
round 166, starting client 4/50, id: 16
round 166, starting client 5/50, id: 62
round 166, starting client 6/50, id: 34
round 166, starting client 7/50, id: 30

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round 166, starting client 8/50, id: 89
round 166, starting client 9/50, id: 28
round 166, starting client 10/50, id: 18
round 166, starting client 11/50, id: 82
round 166, starting client 12/50, id: 24
round 166, starting client 13/50, id: 94
round 166, starting client 14/50, id: 70
round 166, starting client 15/50, id: 92
round 166, starting client 16/50, id: 43
round 166, starting client 17/50, id: 1
round 166, starting client 18/50, id: 65
round 166, starting client 19/50, id: 86
round 166, starting client 20/50, id: 93
round 166, starting client 21/50, id: 88
round 166, starting client 22/50, id: 4
round 166, starting client 23/50, id: 13
round 166, starting client 24/50, id: 15
round 166, starting client 25/50, id: 39
round 166, starting client 26/50, id: 35
round 166, starting client 27/50, id: 17
round 166, starting client 28/50, id: 55
round 166, starting client 29/50, id: 10
round 166, starting client 30/50, id: 69
round 166, starting client 31/50, id: 72
round 166, starting client 32/50, id: 63
round 166, starting client 33/50, id: 73
round 166, starting client 34/50, id: 19
round 166, starting client 35/50, id: 23
round 166, starting client 36/50, id: 14
round 166, starting client 37/50, id: 57
round 166, starting client 38/50, id: 95
round 166, starting client 39/50, id: 31
round 166, starting client 40/50, id: 37
round 166, starting client 41/50, id: 67
round 166, starting client 42/50, id: 46
round 166, starting client 43/50, id: 22
round 166, starting client 44/50, id: 79
round 166, starting client 45/50, id: 74
round 166, starting client 46/50, id: 21
round 166, starting client 47/50, id: 11
round 166, starting client 48/50, id: 51
round 166, starting client 49/50, id: 38
round 166, starting client 50/50, id: 20
round 166, validation acc: 0.9684
starting round 167
clients:  [ 0 93 65  9 56 21 95 66 77 30 28 73 52 32 36 60 67 51 46 74 63 11 90
18
14 45 61 99 49 44 72 24 29 38 87 80 47 98 17 78 48 19 12  4 58 76 84 71

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round 167, starting client 1/50, id: 0
round 167, starting client 2/50, id: 93
round 167, starting client 3/50, id: 65
round 167, starting client 4/50, id: 9
round 167, starting client 5/50, id: 56
round 167, starting client 6/50, id: 21
round 167, starting client 7/50, id: 95
round 167, starting client 8/50, id: 66
round 167, starting client 9/50, id: 77
round 167, starting client 10/50, id: 30
round 167, starting client 11/50, id: 28
round 167, starting client 12/50, id: 73
round 167, starting client 13/50, id: 52
round 167, starting client 14/50, id: 32
round 167, starting client 15/50, id: 36
round 167, starting client 16/50, id: 60
round 167, starting client 17/50, id: 67
round 167, starting client 18/50, id: 51
round 167, starting client 19/50, id: 46
round 167, starting client 20/50, id: 74
round 167, starting client 21/50, id: 63
round 167, starting client 22/50, id: 11
round 167, starting client 23/50, id: 90
round 167, starting client 24/50, id: 18
round 167, starting client 25/50, id: 14
round 167, starting client 26/50, id: 45
round 167, starting client 27/50, id: 61
round 167, starting client 28/50, id: 99
round 167, starting client 29/50, id: 49
round 167, starting client 30/50, id: 44
round 167, starting client 31/50, id: 72
round 167, starting client 32/50, id: 24
round 167, starting client 33/50, id: 29
round 167, starting client 34/50, id: 38
round 167, starting client 35/50, id: 87
round 167, starting client 36/50, id: 80
round 167, starting client 37/50, id: 47
round 167, starting client 38/50, id: 98
round 167, starting client 39/50, id: 17
round 167, starting client 40/50, id: 78
round 167, starting client 41/50, id: 48
round 167, starting client 42/50, id: 19
round 167, starting client 43/50, id: 12
round 167, starting client 44/50, id: 4
round 167, starting client 45/50, id: 58
round 167, starting client 46/50, id: 76
round 167, starting client 47/50, id: 84

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round 167, starting client 48/50, id: 71
round 167, starting client 49/50, id: 1
round 167, starting client 50/50, id: 20
round 167, validation acc: 0.9674
starting round 168
clients: [70 18 35 89 25 55 41 36 51 37 47 50 78 9 71 32 0 69 83 14 84 4 43
87
2 64 88 42 8 7 46 5 95 94 86 82 6 97 66 57 72 1 53 77 81 49 19 79
60 76]
round 168, starting client 1/50, id: 70
round 168, starting client 2/50, id: 18
round 168, starting client 3/50, id: 35
round 168, starting client 4/50, id: 89
round 168, starting client 5/50, id: 25
round 168, starting client 6/50, id: 55
round 168, starting client 7/50, id: 41
round 168, starting client 8/50, id: 36
round 168, starting client 9/50, id: 51
round 168, starting client 10/50, id: 37
round 168, starting client 11/50, id: 47
round 168, starting client 12/50, id: 50
round 168, starting client 13/50, id: 78
round 168, starting client 14/50, id: 9
round 168, starting client 15/50, id: 71
round 168, starting client 16/50, id: 32
round 168, starting client 17/50, id: 0
round 168, starting client 18/50, id: 69
round 168, starting client 19/50, id: 83
round 168, starting client 20/50, id: 14
round 168, starting client 21/50, id: 84
round 168, starting client 22/50, id: 4
round 168, starting client 23/50, id: 43
round 168, starting client 24/50, id: 87
round 168, starting client 25/50, id: 2
round 168, starting client 26/50, id: 64
round 168, starting client 27/50, id: 88
round 168, starting client 28/50, id: 42
round 168, starting client 29/50, id: 8
round 168, starting client 30/50, id: 7
round 168, starting client 31/50, id: 46
round 168, starting client 32/50, id: 5
round 168, starting client 33/50, id: 95
round 168, starting client 34/50, id: 94
round 168, starting client 35/50, id: 86
round 168, starting client 36/50, id: 82
round 168, starting client 37/50, id: 6
round 168, starting client 38/50, id: 97
round 168, starting client 39/50, id: 66

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round 168, starting client 40/50, id: 57
round 168, starting client 41/50, id: 72
round 168, starting client 42/50, id: 1
round 168, starting client 43/50, id: 53
round 168, starting client 44/50, id: 77
round 168, starting client 45/50, id: 81
round 168, starting client 46/50, id: 49
round 168, starting client 47/50, id: 19
round 168, starting client 48/50, id: 79
round 168, starting client 49/50, id: 60
round 168, starting client 50/50, id: 76
round 168, validation acc: 0.9687
starting round 169
clients: [81 40 85 46 90 93 55 87 86 54 14 41 20 98 24 99 73  9 11  8 47 32 49
88
 16 79  2 18 37  0 53 84 15 77 97 82  3 60 30  4 74 78 71 65 72 13 45 22
58 38]
round 169, starting client 1/50, id: 81
round 169, starting client 2/50, id: 40
round 169, starting client 3/50, id: 85
round 169, starting client 4/50, id: 46
round 169, starting client 5/50, id: 90
round 169, starting client 6/50, id: 93
round 169, starting client 7/50, id: 55
round 169, starting client 8/50, id: 87
round 169, starting client 9/50, id: 86
round 169, starting client 10/50, id: 54
round 169, starting client 11/50, id: 14
round 169, starting client 12/50, id: 41
round 169, starting client 13/50, id: 20
round 169, starting client 14/50, id: 98
round 169, starting client 15/50, id: 24
round 169, starting client 16/50, id: 99
round 169, starting client 17/50, id: 73
round 169, starting client 18/50, id: 9
round 169, starting client 19/50, id: 11
round 169, starting client 20/50, id: 8
round 169, starting client 21/50, id: 47
round 169, starting client 22/50, id: 32
round 169, starting client 23/50, id: 49
round 169, starting client 24/50, id: 88
round 169, starting client 25/50, id: 16
round 169, starting client 26/50, id: 79
round 169, starting client 27/50, id: 2
round 169, starting client 28/50, id: 18
round 169, starting client 29/50, id: 37
round 169, starting client 30/50, id: 0
round 169, starting client 31/50, id: 53

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round 169, starting client 32/50, id: 84
 round 169, starting client 33/50, id: 15
 round 169, starting client 34/50, id: 77
 round 169, starting client 35/50, id: 97
 round 169, starting client 36/50, id: 82
 round 169, starting client 37/50, id: 3
 round 169, starting client 38/50, id: 60
 round 169, starting client 39/50, id: 30
 round 169, starting client 40/50, id: 4
 round 169, starting client 41/50, id: 74
 round 169, starting client 42/50, id: 78
 round 169, starting client 43/50, id: 71
 round 169, starting client 44/50, id: 65
 round 169, starting client 45/50, id: 72
 round 169, starting client 46/50, id: 13
 round 169, starting client 47/50, id: 45
 round 169, starting client 48/50, id: 22
 round 169, starting client 49/50, id: 58
 round 169, starting client 50/50, id: 38
 round 169, validation acc: 0.9673
 starting round 170
 clients: [63 95 78 58 66 12 67 90 44 64 80 45 75 92 2 93 94 8 97 96 32 17 34
 46
 39 84 53 9 86 55 81 47 30 49 36 1 43 18 50 0 57 99 42 23 5 51 13 79
 83 77]
 round 170, starting client 1/50, id: 63
 round 170, starting client 2/50, id: 95
 round 170, starting client 3/50, id: 78
 round 170, starting client 4/50, id: 58
 round 170, starting client 5/50, id: 66
 round 170, starting client 6/50, id: 12
 round 170, starting client 7/50, id: 67
 round 170, starting client 8/50, id: 90
 round 170, starting client 9/50, id: 44
 round 170, starting client 10/50, id: 64
 round 170, starting client 11/50, id: 80
 round 170, starting client 12/50, id: 45
 round 170, starting client 13/50, id: 75
 round 170, starting client 14/50, id: 92
 round 170, starting client 15/50, id: 2
 round 170, starting client 16/50, id: 93
 round 170, starting client 17/50, id: 94
 round 170, starting client 18/50, id: 8
 round 170, starting client 19/50, id: 97
 round 170, starting client 20/50, id: 96
 round 170, starting client 21/50, id: 32
 round 170, starting client 22/50, id: 17
 round 170, starting client 23/50, id: 34

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round 170, starting client 24/50, id: 46
round 170, starting client 25/50, id: 39
round 170, starting client 26/50, id: 84
round 170, starting client 27/50, id: 53
round 170, starting client 28/50, id: 9
round 170, starting client 29/50, id: 86
round 170, starting client 30/50, id: 55
round 170, starting client 31/50, id: 81
round 170, starting client 32/50, id: 47
round 170, starting client 33/50, id: 30
round 170, starting client 34/50, id: 49
round 170, starting client 35/50, id: 36
round 170, starting client 36/50, id: 1
round 170, starting client 37/50, id: 43
round 170, starting client 38/50, id: 18
round 170, starting client 39/50, id: 50
round 170, starting client 40/50, id: 0
round 170, starting client 41/50, id: 57
round 170, starting client 42/50, id: 99
round 170, starting client 43/50, id: 42
round 170, starting client 44/50, id: 23
round 170, starting client 45/50, id: 5
round 170, starting client 46/50, id: 51
round 170, starting client 47/50, id: 13
round 170, starting client 48/50, id: 79
round 170, starting client 49/50, id: 83
round 170, starting client 50/50, id: 77
round 170, validation acc: 0.9674
starting round 171
clients: [32 25 34 10 99 7 21 20 93 15 33 78 11 24 71 68 92 9 52 37 60 39 36
13
73 95 86 19 38 26 2 40 5 64 27 45 72 6 22 61 57 12 56 3 59 51 66 46
17 65]
round 171, starting client 1/50, id: 32
round 171, starting client 2/50, id: 25
round 171, starting client 3/50, id: 34
round 171, starting client 4/50, id: 10
round 171, starting client 5/50, id: 99
round 171, starting client 6/50, id: 7
round 171, starting client 7/50, id: 21
round 171, starting client 8/50, id: 20
round 171, starting client 9/50, id: 93
round 171, starting client 10/50, id: 15
round 171, starting client 11/50, id: 33
round 171, starting client 12/50, id: 78
round 171, starting client 13/50, id: 11
round 171, starting client 14/50, id: 24
round 171, starting client 15/50, id: 71

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round 171, starting client 16/50, id: 68
round 171, starting client 17/50, id: 92
round 171, starting client 18/50, id: 9
round 171, starting client 19/50, id: 52
round 171, starting client 20/50, id: 37
round 171, starting client 21/50, id: 60
round 171, starting client 22/50, id: 39
round 171, starting client 23/50, id: 36
round 171, starting client 24/50, id: 13
round 171, starting client 25/50, id: 73
round 171, starting client 26/50, id: 95
round 171, starting client 27/50, id: 86
round 171, starting client 28/50, id: 19
round 171, starting client 29/50, id: 38
round 171, starting client 30/50, id: 26
round 171, starting client 31/50, id: 2
round 171, starting client 32/50, id: 40
round 171, starting client 33/50, id: 5
round 171, starting client 34/50, id: 64
round 171, starting client 35/50, id: 27
round 171, starting client 36/50, id: 45
round 171, starting client 37/50, id: 72
round 171, starting client 38/50, id: 6
round 171, starting client 39/50, id: 22
round 171, starting client 40/50, id: 61
round 171, starting client 41/50, id: 57
round 171, starting client 42/50, id: 12
round 171, starting client 43/50, id: 56
round 171, starting client 44/50, id: 3
round 171, starting client 45/50, id: 59
round 171, starting client 46/50, id: 51
round 171, starting client 47/50, id: 66
round 171, starting client 48/50, id: 46
round 171, starting client 49/50, id: 17
round 171, starting client 50/50, id: 65
round 171, validation acc: 0.9691
starting round 172
clients: [58 16 10 98 18 27 79 35 14 31 2 88 3 21 71 26 89 67 74 34 33 73 4
28
7 81 20 90 77 24 52 12 17 69 30 65 85 66 47 9 82 95 23 38 68 45 80 40
13 1]
round 172, starting client 1/50, id: 58
round 172, starting client 2/50, id: 16
round 172, starting client 3/50, id: 10
round 172, starting client 4/50, id: 98
round 172, starting client 5/50, id: 18
round 172, starting client 6/50, id: 27
round 172, starting client 7/50, id: 79

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round 172, starting client 8/50, id: 35
round 172, starting client 9/50, id: 14
round 172, starting client 10/50, id: 31
round 172, starting client 11/50, id: 2
round 172, starting client 12/50, id: 88
round 172, starting client 13/50, id: 3
round 172, starting client 14/50, id: 21
round 172, starting client 15/50, id: 71
round 172, starting client 16/50, id: 26
round 172, starting client 17/50, id: 89
round 172, starting client 18/50, id: 67
round 172, starting client 19/50, id: 74
round 172, starting client 20/50, id: 34
round 172, starting client 21/50, id: 33
round 172, starting client 22/50, id: 73
round 172, starting client 23/50, id: 4
round 172, starting client 24/50, id: 28
round 172, starting client 25/50, id: 7
round 172, starting client 26/50, id: 81
round 172, starting client 27/50, id: 20
round 172, starting client 28/50, id: 90
round 172, starting client 29/50, id: 77
round 172, starting client 30/50, id: 24
round 172, starting client 31/50, id: 52
round 172, starting client 32/50, id: 12
round 172, starting client 33/50, id: 17
round 172, starting client 34/50, id: 69
round 172, starting client 35/50, id: 30
round 172, starting client 36/50, id: 65
round 172, starting client 37/50, id: 85
round 172, starting client 38/50, id: 66
round 172, starting client 39/50, id: 47
round 172, starting client 40/50, id: 9
round 172, starting client 41/50, id: 82
round 172, starting client 42/50, id: 95
round 172, starting client 43/50, id: 23
round 172, starting client 44/50, id: 38
round 172, starting client 45/50, id: 68
round 172, starting client 46/50, id: 45
round 172, starting client 47/50, id: 80
round 172, starting client 48/50, id: 40
round 172, starting client 49/50, id: 13
round 172, starting client 50/50, id: 1
round 172, validation acc: 0.9695
starting round 173
clients: [23 42 95 19 35  6 80 44  5 79 13 60 72 48 68 78 97  1 54 96 99 21 28
31
 7 55 88 92 85 22 52 98 94 73 26 50 14 33 37  2 24 56 45 47 57 62 58 27

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9 12]

round 173, starting client 1/50, id: 23
round 173, starting client 2/50, id: 42
round 173, starting client 3/50, id: 95
round 173, starting client 4/50, id: 19
round 173, starting client 5/50, id: 35
round 173, starting client 6/50, id: 6
round 173, starting client 7/50, id: 80
round 173, starting client 8/50, id: 44
round 173, starting client 9/50, id: 5
round 173, starting client 10/50, id: 79
round 173, starting client 11/50, id: 13
round 173, starting client 12/50, id: 60
round 173, starting client 13/50, id: 72
round 173, starting client 14/50, id: 48
round 173, starting client 15/50, id: 68
round 173, starting client 16/50, id: 78
round 173, starting client 17/50, id: 97
round 173, starting client 18/50, id: 1
round 173, starting client 19/50, id: 54
round 173, starting client 20/50, id: 96
round 173, starting client 21/50, id: 99
round 173, starting client 22/50, id: 21
round 173, starting client 23/50, id: 28
round 173, starting client 24/50, id: 31
round 173, starting client 25/50, id: 7
round 173, starting client 26/50, id: 55
round 173, starting client 27/50, id: 88
round 173, starting client 28/50, id: 92
round 173, starting client 29/50, id: 85
round 173, starting client 30/50, id: 22
round 173, starting client 31/50, id: 52
round 173, starting client 32/50, id: 98
round 173, starting client 33/50, id: 94
round 173, starting client 34/50, id: 73
round 173, starting client 35/50, id: 26
round 173, starting client 36/50, id: 50
round 173, starting client 37/50, id: 14
round 173, starting client 38/50, id: 33
round 173, starting client 39/50, id: 37
round 173, starting client 40/50, id: 2
round 173, starting client 41/50, id: 24
round 173, starting client 42/50, id: 56
round 173, starting client 43/50, id: 45
round 173, starting client 44/50, id: 47
round 173, starting client 45/50, id: 57
round 173, starting client 46/50, id: 62
round 173, starting client 47/50, id: 58

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round 173, starting client 48/50, id: 27
round 173, starting client 49/50, id: 9
round 173, starting client 50/50, id: 12
round 173, validation acc: 0.968
starting round 174
clients: [88 66 79 36 2 71 60 40 6 27 30 46 64 73 11 0 93 84 34 35 72 44 62
12
43 76 41 89 1 26 14 59 5 74 31 95 83 70 13 33 63 24 96 98 18 25 9 4
80 77]
round 174, starting client 1/50, id: 88
round 174, starting client 2/50, id: 66
round 174, starting client 3/50, id: 79
round 174, starting client 4/50, id: 36
round 174, starting client 5/50, id: 2
round 174, starting client 6/50, id: 71
round 174, starting client 7/50, id: 60
round 174, starting client 8/50, id: 40
round 174, starting client 9/50, id: 6
round 174, starting client 10/50, id: 27
round 174, starting client 11/50, id: 30
round 174, starting client 12/50, id: 46
round 174, starting client 13/50, id: 64
round 174, starting client 14/50, id: 73
round 174, starting client 15/50, id: 11
round 174, starting client 16/50, id: 0
round 174, starting client 17/50, id: 93
round 174, starting client 18/50, id: 84
round 174, starting client 19/50, id: 34
round 174, starting client 20/50, id: 35
round 174, starting client 21/50, id: 72
round 174, starting client 22/50, id: 44
round 174, starting client 23/50, id: 62
round 174, starting client 24/50, id: 12
round 174, starting client 25/50, id: 43
round 174, starting client 26/50, id: 76
round 174, starting client 27/50, id: 41
round 174, starting client 28/50, id: 89
round 174, starting client 29/50, id: 1
round 174, starting client 30/50, id: 26
round 174, starting client 31/50, id: 14
round 174, starting client 32/50, id: 59
round 174, starting client 33/50, id: 5
round 174, starting client 34/50, id: 74
round 174, starting client 35/50, id: 31
round 174, starting client 36/50, id: 95
round 174, starting client 37/50, id: 83
round 174, starting client 38/50, id: 70
round 174, starting client 39/50, id: 13

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round 174, starting client 40/50, id: 33
round 174, starting client 41/50, id: 63
round 174, starting client 42/50, id: 24
round 174, starting client 43/50, id: 96
round 174, starting client 44/50, id: 98
round 174, starting client 45/50, id: 18
round 174, starting client 46/50, id: 25
round 174, starting client 47/50, id: 9
round 174, starting client 48/50, id: 4
round 174, starting client 49/50, id: 80
round 174, starting client 50/50, id: 77
round 174, validation acc: 0.969
starting round 175
clients: [45 59 67 54 92 30 38 3 37 81 31 48 90 39 16 29 80 34 66 77 70 23 32
10
13 57 91 20 22 98 17 2 60 52 72 69 14 89 1 55 51 82 41 87 95 58 5 50
86 36]
round 175, starting client 1/50, id: 45
round 175, starting client 2/50, id: 59
round 175, starting client 3/50, id: 67
round 175, starting client 4/50, id: 54
round 175, starting client 5/50, id: 92
round 175, starting client 6/50, id: 30
round 175, starting client 7/50, id: 38
round 175, starting client 8/50, id: 3
round 175, starting client 9/50, id: 37
round 175, starting client 10/50, id: 81
round 175, starting client 11/50, id: 31
round 175, starting client 12/50, id: 48
round 175, starting client 13/50, id: 90
round 175, starting client 14/50, id: 39
round 175, starting client 15/50, id: 16
round 175, starting client 16/50, id: 29
round 175, starting client 17/50, id: 80
round 175, starting client 18/50, id: 34
round 175, starting client 19/50, id: 66
round 175, starting client 20/50, id: 77
round 175, starting client 21/50, id: 70
round 175, starting client 22/50, id: 23
round 175, starting client 23/50, id: 32
round 175, starting client 24/50, id: 10
round 175, starting client 25/50, id: 13
round 175, starting client 26/50, id: 57
round 175, starting client 27/50, id: 91
round 175, starting client 28/50, id: 20
round 175, starting client 29/50, id: 22
round 175, starting client 30/50, id: 98
round 175, starting client 31/50, id: 17

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round 175, starting client 32/50, id: 2
round 175, starting client 33/50, id: 60
round 175, starting client 34/50, id: 52
round 175, starting client 35/50, id: 72
round 175, starting client 36/50, id: 69
round 175, starting client 37/50, id: 14
round 175, starting client 38/50, id: 89
round 175, starting client 39/50, id: 1
round 175, starting client 40/50, id: 55
round 175, starting client 41/50, id: 51
round 175, starting client 42/50, id: 82
round 175, starting client 43/50, id: 41
round 175, starting client 44/50, id: 87
round 175, starting client 45/50, id: 95
round 175, starting client 46/50, id: 58
round 175, starting client 47/50, id: 5
round 175, starting client 48/50, id: 50
round 175, starting client 49/50, id: 86
round 175, starting client 50/50, id: 36
round 175, validation acc: 0.9682
starting round 176
clients: [58 87 97 63 33 85 62 26 64 79 52 12 89 27 13 59 55 88 18 86 40 22 30
54
20 14 70 9 81 45 21 0 17 90 8 73 49 25 57 98 5 94 2 68 47 43 1 65
93 36]
round 176, starting client 1/50, id: 58
round 176, starting client 2/50, id: 87
round 176, starting client 3/50, id: 97
round 176, starting client 4/50, id: 63
round 176, starting client 5/50, id: 33
round 176, starting client 6/50, id: 85
round 176, starting client 7/50, id: 62
round 176, starting client 8/50, id: 26
round 176, starting client 9/50, id: 64
round 176, starting client 10/50, id: 79
round 176, starting client 11/50, id: 52
round 176, starting client 12/50, id: 12
round 176, starting client 13/50, id: 89
round 176, starting client 14/50, id: 27
round 176, starting client 15/50, id: 13
round 176, starting client 16/50, id: 59
round 176, starting client 17/50, id: 55
round 176, starting client 18/50, id: 88
round 176, starting client 19/50, id: 18
round 176, starting client 20/50, id: 86
round 176, starting client 21/50, id: 40
round 176, starting client 22/50, id: 22
round 176, starting client 23/50, id: 30

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round 176, starting client 24/50, id: 54
round 176, starting client 25/50, id: 20
round 176, starting client 26/50, id: 14
round 176, starting client 27/50, id: 70
round 176, starting client 28/50, id: 9
round 176, starting client 29/50, id: 81
round 176, starting client 30/50, id: 45
round 176, starting client 31/50, id: 21
round 176, starting client 32/50, id: 0
round 176, starting client 33/50, id: 17
round 176, starting client 34/50, id: 90
round 176, starting client 35/50, id: 8
round 176, starting client 36/50, id: 73
round 176, starting client 37/50, id: 49
round 176, starting client 38/50, id: 25
round 176, starting client 39/50, id: 57
round 176, starting client 40/50, id: 98
round 176, starting client 41/50, id: 5
round 176, starting client 42/50, id: 94
round 176, starting client 43/50, id: 2
round 176, starting client 44/50, id: 68
round 176, starting client 45/50, id: 47
round 176, starting client 46/50, id: 43
round 176, starting client 47/50, id: 1
round 176, starting client 48/50, id: 65
round 176, starting client 49/50, id: 93
round 176, starting client 50/50, id: 36
round 176, validation acc: 0.9684
starting round 177
clients: [21  4 49 58 92 29 65 54 22 62 94 87 27 23 89 85 36 47 67 44 90 52 82
81
 97 40 77 80 53 25  0  3 76 18 99 28 56 34 39 35 37 14 88 66  1 43 86 78
72 5]
round 177, starting client 1/50, id: 21
round 177, starting client 2/50, id: 4
round 177, starting client 3/50, id: 49
round 177, starting client 4/50, id: 58
round 177, starting client 5/50, id: 92
round 177, starting client 6/50, id: 29
round 177, starting client 7/50, id: 65
round 177, starting client 8/50, id: 54
round 177, starting client 9/50, id: 22
round 177, starting client 10/50, id: 62
round 177, starting client 11/50, id: 94
round 177, starting client 12/50, id: 87
round 177, starting client 13/50, id: 27
round 177, starting client 14/50, id: 23
round 177, starting client 15/50, id: 89

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round 177, starting client 16/50, id: 85
round 177, starting client 17/50, id: 36
round 177, starting client 18/50, id: 47
round 177, starting client 19/50, id: 67
round 177, starting client 20/50, id: 44
round 177, starting client 21/50, id: 90
round 177, starting client 22/50, id: 52
round 177, starting client 23/50, id: 82
round 177, starting client 24/50, id: 81
round 177, starting client 25/50, id: 97
round 177, starting client 26/50, id: 40
round 177, starting client 27/50, id: 77
round 177, starting client 28/50, id: 80
round 177, starting client 29/50, id: 53
round 177, starting client 30/50, id: 25
round 177, starting client 31/50, id: 0
round 177, starting client 32/50, id: 3
round 177, starting client 33/50, id: 76
round 177, starting client 34/50, id: 18
round 177, starting client 35/50, id: 99
round 177, starting client 36/50, id: 28
round 177, starting client 37/50, id: 56
round 177, starting client 38/50, id: 34
round 177, starting client 39/50, id: 39
round 177, starting client 40/50, id: 35
round 177, starting client 41/50, id: 37
round 177, starting client 42/50, id: 14
round 177, starting client 43/50, id: 88
round 177, starting client 44/50, id: 66
round 177, starting client 45/50, id: 1
round 177, starting client 46/50, id: 43
round 177, starting client 47/50, id: 86
round 177, starting client 48/50, id: 78
round 177, starting client 49/50, id: 72
round 177, starting client 50/50, id: 5
round 177, validation acc: 0.9664
starting round 178
clients: [79 88 36 86 44 66 0 24 43 29 39 22 75 81 97 12 71 60 5 46 99 25 69
19
52 41 98 72 21 3 42 7 63 4 68 94 91 49 73 48 35 80 61 20 83 89 78 28
30 55]
round 178, starting client 1/50, id: 79
round 178, starting client 2/50, id: 88
round 178, starting client 3/50, id: 36
round 178, starting client 4/50, id: 86
round 178, starting client 5/50, id: 44
round 178, starting client 6/50, id: 66
round 178, starting client 7/50, id: 0

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round 178, starting client 8/50, id: 24
round 178, starting client 9/50, id: 43
round 178, starting client 10/50, id: 29
round 178, starting client 11/50, id: 39
round 178, starting client 12/50, id: 22
round 178, starting client 13/50, id: 75
round 178, starting client 14/50, id: 81
round 178, starting client 15/50, id: 97
round 178, starting client 16/50, id: 12
round 178, starting client 17/50, id: 71
round 178, starting client 18/50, id: 60
round 178, starting client 19/50, id: 5
round 178, starting client 20/50, id: 46
round 178, starting client 21/50, id: 99
round 178, starting client 22/50, id: 25
round 178, starting client 23/50, id: 69
round 178, starting client 24/50, id: 19
round 178, starting client 25/50, id: 52
round 178, starting client 26/50, id: 41
round 178, starting client 27/50, id: 98
round 178, starting client 28/50, id: 72
round 178, starting client 29/50, id: 21
round 178, starting client 30/50, id: 3
round 178, starting client 31/50, id: 42
round 178, starting client 32/50, id: 7
round 178, starting client 33/50, id: 63
round 178, starting client 34/50, id: 4
round 178, starting client 35/50, id: 68
round 178, starting client 36/50, id: 94
round 178, starting client 37/50, id: 91
round 178, starting client 38/50, id: 49
round 178, starting client 39/50, id: 73
round 178, starting client 40/50, id: 48
round 178, starting client 41/50, id: 35
round 178, starting client 42/50, id: 80
round 178, starting client 43/50, id: 61
round 178, starting client 44/50, id: 20
round 178, starting client 45/50, id: 83
round 178, starting client 46/50, id: 89
round 178, starting client 47/50, id: 78
round 178, starting client 48/50, id: 28
round 178, starting client 49/50, id: 30
round 178, starting client 50/50, id: 55
round 178, validation acc: 0.9694
starting round 179
clients: [97 41 59 91 79 2 90 30 57 14 38 52 44 84 4 3 0 92 54 93 21 98 8
71
80 24 49 85 10 89 18 39 83 26 5 32 95 1 61 9 36 6 67 16 56 29 19 70

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62 76]

round 179, starting client 1/50, id: 97
round 179, starting client 2/50, id: 41
round 179, starting client 3/50, id: 59
round 179, starting client 4/50, id: 91
round 179, starting client 5/50, id: 79
round 179, starting client 6/50, id: 2
round 179, starting client 7/50, id: 90
round 179, starting client 8/50, id: 30
round 179, starting client 9/50, id: 57
round 179, starting client 10/50, id: 14
round 179, starting client 11/50, id: 38
round 179, starting client 12/50, id: 52
round 179, starting client 13/50, id: 44
round 179, starting client 14/50, id: 84
round 179, starting client 15/50, id: 4
round 179, starting client 16/50, id: 3
round 179, starting client 17/50, id: 0
round 179, starting client 18/50, id: 92
round 179, starting client 19/50, id: 54
round 179, starting client 20/50, id: 93
round 179, starting client 21/50, id: 21
round 179, starting client 22/50, id: 98
round 179, starting client 23/50, id: 8
round 179, starting client 24/50, id: 71
round 179, starting client 25/50, id: 80
round 179, starting client 26/50, id: 24
round 179, starting client 27/50, id: 49
round 179, starting client 28/50, id: 85
round 179, starting client 29/50, id: 10
round 179, starting client 30/50, id: 89
round 179, starting client 31/50, id: 18
round 179, starting client 32/50, id: 39
round 179, starting client 33/50, id: 83
round 179, starting client 34/50, id: 26
round 179, starting client 35/50, id: 5
round 179, starting client 36/50, id: 32
round 179, starting client 37/50, id: 95
round 179, starting client 38/50, id: 1
round 179, starting client 39/50, id: 61
round 179, starting client 40/50, id: 9
round 179, starting client 41/50, id: 36
round 179, starting client 42/50, id: 6
round 179, starting client 43/50, id: 67
round 179, starting client 44/50, id: 16
round 179, starting client 45/50, id: 56
round 179, starting client 46/50, id: 29
round 179, starting client 47/50, id: 19

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round 179, starting client 48/50, id: 70
round 179, starting client 49/50, id: 62
round 179, starting client 50/50, id: 76
round 179, validation acc: 0.9691
starting round 180
clients: [95 26 93 10 63 58 54 18 7 82 29 38 5 85 87 17 67 6 0 25 34 13 4
1
19 2 91 24 88 46 90 31 94 37 39 70 43 45 14 23 61 42 68 76 12 16 60 47
89 62]
round 180, starting client 1/50, id: 95
round 180, starting client 2/50, id: 26
round 180, starting client 3/50, id: 93
round 180, starting client 4/50, id: 10
round 180, starting client 5/50, id: 63
round 180, starting client 6/50, id: 58
round 180, starting client 7/50, id: 54
round 180, starting client 8/50, id: 18
round 180, starting client 9/50, id: 7
round 180, starting client 10/50, id: 82
round 180, starting client 11/50, id: 29
round 180, starting client 12/50, id: 38
round 180, starting client 13/50, id: 5
round 180, starting client 14/50, id: 85
round 180, starting client 15/50, id: 87
round 180, starting client 16/50, id: 17
round 180, starting client 17/50, id: 67
round 180, starting client 18/50, id: 6
round 180, starting client 19/50, id: 0
round 180, starting client 20/50, id: 25
round 180, starting client 21/50, id: 34
round 180, starting client 22/50, id: 13
round 180, starting client 23/50, id: 4
round 180, starting client 24/50, id: 1
round 180, starting client 25/50, id: 19
round 180, starting client 26/50, id: 2
round 180, starting client 27/50, id: 91
round 180, starting client 28/50, id: 24
round 180, starting client 29/50, id: 88
round 180, starting client 30/50, id: 46
round 180, starting client 31/50, id: 90
round 180, starting client 32/50, id: 31
round 180, starting client 33/50, id: 94
round 180, starting client 34/50, id: 37
round 180, starting client 35/50, id: 39
round 180, starting client 36/50, id: 70
round 180, starting client 37/50, id: 43
round 180, starting client 38/50, id: 45
round 180, starting client 39/50, id: 14

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round 180, starting client 40/50, id: 23
round 180, starting client 41/50, id: 61
round 180, starting client 42/50, id: 42
round 180, starting client 43/50, id: 68
round 180, starting client 44/50, id: 76
round 180, starting client 45/50, id: 12
round 180, starting client 46/50, id: 16
round 180, starting client 47/50, id: 60
round 180, starting client 48/50, id: 47
round 180, starting client 49/50, id: 89
round 180, starting client 50/50, id: 62
round 180, validation acc: 0.9677
starting round 181
clients: [65 99 52 92 90 74 86 18 81 43 27 20 83 61 12 87 80 8 60 73 36 25 42
78
47 11 91 23 71 2 7 21 85 0 35 50 93 75 53 88 96 62 45 82 4 32 48 17
16 49]
round 181, starting client 1/50, id: 65
round 181, starting client 2/50, id: 99
round 181, starting client 3/50, id: 52
round 181, starting client 4/50, id: 92
round 181, starting client 5/50, id: 90
round 181, starting client 6/50, id: 74
round 181, starting client 7/50, id: 86
round 181, starting client 8/50, id: 18
round 181, starting client 9/50, id: 81
round 181, starting client 10/50, id: 43
round 181, starting client 11/50, id: 27
round 181, starting client 12/50, id: 20
round 181, starting client 13/50, id: 83
round 181, starting client 14/50, id: 61
round 181, starting client 15/50, id: 12
round 181, starting client 16/50, id: 87
round 181, starting client 17/50, id: 80
round 181, starting client 18/50, id: 8
round 181, starting client 19/50, id: 60
round 181, starting client 20/50, id: 73
round 181, starting client 21/50, id: 36
round 181, starting client 22/50, id: 25
round 181, starting client 23/50, id: 42
round 181, starting client 24/50, id: 78
round 181, starting client 25/50, id: 47
round 181, starting client 26/50, id: 11
round 181, starting client 27/50, id: 91
round 181, starting client 28/50, id: 23
round 181, starting client 29/50, id: 71
round 181, starting client 30/50, id: 2
round 181, starting client 31/50, id: 7

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round 181, starting client 32/50, id: 21
round 181, starting client 33/50, id: 85
round 181, starting client 34/50, id: 0
round 181, starting client 35/50, id: 35
round 181, starting client 36/50, id: 50
round 181, starting client 37/50, id: 93
round 181, starting client 38/50, id: 75
round 181, starting client 39/50, id: 53
round 181, starting client 40/50, id: 88
round 181, starting client 41/50, id: 96
round 181, starting client 42/50, id: 62
round 181, starting client 43/50, id: 45
round 181, starting client 44/50, id: 82
round 181, starting client 45/50, id: 4
round 181, starting client 46/50, id: 32
round 181, starting client 47/50, id: 48
round 181, starting client 48/50, id: 17
round 181, starting client 49/50, id: 16
round 181, starting client 50/50, id: 49
round 181, validation acc: 0.9685
starting round 182
clients: [23 20 34 60 91 13 35 50 43 7 96 26 47 41 94 39 98 81 19 29 85 95 86
46
6 0 30 55 14 63 40 88 49 79 15 17 25 33 1 2 10 32 59 89 90 58 31 69
67 61]
round 182, starting client 1/50, id: 23
round 182, starting client 2/50, id: 20
round 182, starting client 3/50, id: 34
round 182, starting client 4/50, id: 60
round 182, starting client 5/50, id: 91
round 182, starting client 6/50, id: 13
round 182, starting client 7/50, id: 35
round 182, starting client 8/50, id: 50
round 182, starting client 9/50, id: 43
round 182, starting client 10/50, id: 7
round 182, starting client 11/50, id: 96
round 182, starting client 12/50, id: 26
round 182, starting client 13/50, id: 47
round 182, starting client 14/50, id: 41
round 182, starting client 15/50, id: 94
round 182, starting client 16/50, id: 39
round 182, starting client 17/50, id: 98
round 182, starting client 18/50, id: 81
round 182, starting client 19/50, id: 19
round 182, starting client 20/50, id: 29
round 182, starting client 21/50, id: 85
round 182, starting client 22/50, id: 95
round 182, starting client 23/50, id: 86

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round 182, starting client 24/50, id: 46
round 182, starting client 25/50, id: 6
round 182, starting client 26/50, id: 0
round 182, starting client 27/50, id: 30
round 182, starting client 28/50, id: 55
round 182, starting client 29/50, id: 14
round 182, starting client 30/50, id: 63
round 182, starting client 31/50, id: 40
round 182, starting client 32/50, id: 88
round 182, starting client 33/50, id: 49
round 182, starting client 34/50, id: 79
round 182, starting client 35/50, id: 15
round 182, starting client 36/50, id: 17
round 182, starting client 37/50, id: 25
round 182, starting client 38/50, id: 33
round 182, starting client 39/50, id: 1
round 182, starting client 40/50, id: 2
round 182, starting client 41/50, id: 10
round 182, starting client 42/50, id: 32
round 182, starting client 43/50, id: 59
round 182, starting client 44/50, id: 89
round 182, starting client 45/50, id: 90
round 182, starting client 46/50, id: 58
round 182, starting client 47/50, id: 31
round 182, starting client 48/50, id: 69
round 182, starting client 49/50, id: 67
round 182, starting client 50/50, id: 61
round 182, validation acc: 0.9692
starting round 183
clients: [ 3 65 39 90 50 66 79 64 63 80 57 21 73 53 98 60 75 41 74 8 99 25 48
35
59 71 82 76 0 18 36 6 9 11 42 34 24 61 19 56 27 97 83 20 89 4 85 22
52 87]
round 183, starting client 1/50, id: 3
round 183, starting client 2/50, id: 65
round 183, starting client 3/50, id: 39
round 183, starting client 4/50, id: 90
round 183, starting client 5/50, id: 50
round 183, starting client 6/50, id: 66
round 183, starting client 7/50, id: 79
round 183, starting client 8/50, id: 64
round 183, starting client 9/50, id: 63
round 183, starting client 10/50, id: 80
round 183, starting client 11/50, id: 57
round 183, starting client 12/50, id: 21
round 183, starting client 13/50, id: 73
round 183, starting client 14/50, id: 53
round 183, starting client 15/50, id: 98

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round 183, starting client 16/50, id: 60
round 183, starting client 17/50, id: 75
round 183, starting client 18/50, id: 41
round 183, starting client 19/50, id: 74
round 183, starting client 20/50, id: 8
round 183, starting client 21/50, id: 99
round 183, starting client 22/50, id: 25
round 183, starting client 23/50, id: 48
round 183, starting client 24/50, id: 35
round 183, starting client 25/50, id: 59
round 183, starting client 26/50, id: 71
round 183, starting client 27/50, id: 82
round 183, starting client 28/50, id: 76
round 183, starting client 29/50, id: 0
round 183, starting client 30/50, id: 18
round 183, starting client 31/50, id: 36
round 183, starting client 32/50, id: 6
round 183, starting client 33/50, id: 9
round 183, starting client 34/50, id: 11
round 183, starting client 35/50, id: 42
round 183, starting client 36/50, id: 34
round 183, starting client 37/50, id: 24
round 183, starting client 38/50, id: 61
round 183, starting client 39/50, id: 19
round 183, starting client 40/50, id: 56
round 183, starting client 41/50, id: 27
round 183, starting client 42/50, id: 97
round 183, starting client 43/50, id: 83
round 183, starting client 44/50, id: 20
round 183, starting client 45/50, id: 89
round 183, starting client 46/50, id: 4
round 183, starting client 47/50, id: 85
round 183, starting client 48/50, id: 22
round 183, starting client 49/50, id: 52
round 183, starting client 50/50, id: 87
round 183, validation acc: 0.9706
starting round 184
clients: [33 87 4 63 78 38 67 5 68 41 70 57 72 75 93 17 69 3 7 44 55 54 49
53
2 40 9 45 56 20 92 65 79 89 94 46 1 52 61 19 95 10 62 25 12 90 83 23
84 60]
round 184, starting client 1/50, id: 33
round 184, starting client 2/50, id: 87
round 184, starting client 3/50, id: 4
round 184, starting client 4/50, id: 63
round 184, starting client 5/50, id: 78
round 184, starting client 6/50, id: 38
round 184, starting client 7/50, id: 67

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round 184, starting client 8/50, id: 5
round 184, starting client 9/50, id: 68
round 184, starting client 10/50, id: 41
round 184, starting client 11/50, id: 70
round 184, starting client 12/50, id: 57
round 184, starting client 13/50, id: 72
round 184, starting client 14/50, id: 75
round 184, starting client 15/50, id: 93
round 184, starting client 16/50, id: 17
round 184, starting client 17/50, id: 69
round 184, starting client 18/50, id: 3
round 184, starting client 19/50, id: 7
round 184, starting client 20/50, id: 44
round 184, starting client 21/50, id: 55
round 184, starting client 22/50, id: 54
round 184, starting client 23/50, id: 49
round 184, starting client 24/50, id: 53
round 184, starting client 25/50, id: 2
round 184, starting client 26/50, id: 40
round 184, starting client 27/50, id: 9
round 184, starting client 28/50, id: 45
round 184, starting client 29/50, id: 56
round 184, starting client 30/50, id: 20
round 184, starting client 31/50, id: 92
round 184, starting client 32/50, id: 65
round 184, starting client 33/50, id: 79
round 184, starting client 34/50, id: 89
round 184, starting client 35/50, id: 94
round 184, starting client 36/50, id: 46
round 184, starting client 37/50, id: 1
round 184, starting client 38/50, id: 52
round 184, starting client 39/50, id: 61
round 184, starting client 40/50, id: 19
round 184, starting client 41/50, id: 95
round 184, starting client 42/50, id: 10
round 184, starting client 43/50, id: 62
round 184, starting client 44/50, id: 25
round 184, starting client 45/50, id: 12
round 184, starting client 46/50, id: 90
round 184, starting client 47/50, id: 83
round 184, starting client 48/50, id: 23
round 184, starting client 49/50, id: 84
round 184, starting client 50/50, id: 60
round 184, validation acc: 0.9706
starting round 185
clients: [11 10 79 58 6 25 12 46 92 74 37 64 28 5 24 72 69 32 43 22 42 76 8
65
88 91 40 83 13 85 86 41 27 2 82 30 89 19 44 87 75 95 80 97 31 38 60 36

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14 62]

round 185, starting client 1/50, id: 11
round 185, starting client 2/50, id: 10
round 185, starting client 3/50, id: 79
round 185, starting client 4/50, id: 58
round 185, starting client 5/50, id: 6
round 185, starting client 6/50, id: 25
round 185, starting client 7/50, id: 12
round 185, starting client 8/50, id: 46
round 185, starting client 9/50, id: 92
round 185, starting client 10/50, id: 74
round 185, starting client 11/50, id: 37
round 185, starting client 12/50, id: 64
round 185, starting client 13/50, id: 28
round 185, starting client 14/50, id: 5
round 185, starting client 15/50, id: 24
round 185, starting client 16/50, id: 72
round 185, starting client 17/50, id: 69
round 185, starting client 18/50, id: 32
round 185, starting client 19/50, id: 43
round 185, starting client 20/50, id: 22
round 185, starting client 21/50, id: 42
round 185, starting client 22/50, id: 76
round 185, starting client 23/50, id: 8
round 185, starting client 24/50, id: 65
round 185, starting client 25/50, id: 88
round 185, starting client 26/50, id: 91
round 185, starting client 27/50, id: 40
round 185, starting client 28/50, id: 83
round 185, starting client 29/50, id: 13
round 185, starting client 30/50, id: 85
round 185, starting client 31/50, id: 86
round 185, starting client 32/50, id: 41
round 185, starting client 33/50, id: 27
round 185, starting client 34/50, id: 2
round 185, starting client 35/50, id: 82
round 185, starting client 36/50, id: 30
round 185, starting client 37/50, id: 89
round 185, starting client 38/50, id: 19
round 185, starting client 39/50, id: 44
round 185, starting client 40/50, id: 87
round 185, starting client 41/50, id: 75
round 185, starting client 42/50, id: 95
round 185, starting client 43/50, id: 80
round 185, starting client 44/50, id: 97
round 185, starting client 45/50, id: 31
round 185, starting client 46/50, id: 38
round 185, starting client 47/50, id: 60

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round 185, starting client 48/50, id: 36
round 185, starting client 49/50, id: 14
round 185, starting client 50/50, id: 62
round 185, validation acc: 0.9698
starting round 186
clients: [98 45 66 91 68  8 28  9 29 18 12 46 60 55 62 86 32 44 99  4 81 20 83
74
 71 72 73 75 11 67 69 95 16 49 33 63 22 51 64 50 47 17 21  1 30 84 38 43
58 97]
round 186, starting client 1/50, id: 98
round 186, starting client 2/50, id: 45
round 186, starting client 3/50, id: 66
round 186, starting client 4/50, id: 91
round 186, starting client 5/50, id: 68
round 186, starting client 6/50, id: 8
round 186, starting client 7/50, id: 28
round 186, starting client 8/50, id: 9
round 186, starting client 9/50, id: 29
round 186, starting client 10/50, id: 18
round 186, starting client 11/50, id: 12
round 186, starting client 12/50, id: 46
round 186, starting client 13/50, id: 60
round 186, starting client 14/50, id: 55
round 186, starting client 15/50, id: 62
round 186, starting client 16/50, id: 86
round 186, starting client 17/50, id: 32
round 186, starting client 18/50, id: 44
round 186, starting client 19/50, id: 99
round 186, starting client 20/50, id: 4
round 186, starting client 21/50, id: 81
round 186, starting client 22/50, id: 20
round 186, starting client 23/50, id: 83
round 186, starting client 24/50, id: 74
round 186, starting client 25/50, id: 71
round 186, starting client 26/50, id: 72
round 186, starting client 27/50, id: 73
round 186, starting client 28/50, id: 75
round 186, starting client 29/50, id: 11
round 186, starting client 30/50, id: 67
round 186, starting client 31/50, id: 69
round 186, starting client 32/50, id: 95
round 186, starting client 33/50, id: 16
round 186, starting client 34/50, id: 49
round 186, starting client 35/50, id: 33
round 186, starting client 36/50, id: 63
round 186, starting client 37/50, id: 22
round 186, starting client 38/50, id: 51
round 186, starting client 39/50, id: 64

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round 186, starting client 40/50, id: 50
round 186, starting client 41/50, id: 47
round 186, starting client 42/50, id: 17
round 186, starting client 43/50, id: 21
round 186, starting client 44/50, id: 1
round 186, starting client 45/50, id: 30
round 186, starting client 46/50, id: 84
round 186, starting client 47/50, id: 38
round 186, starting client 48/50, id: 43
round 186, starting client 49/50, id: 58
round 186, starting client 50/50, id: 97
round 186, validation acc: 0.9709
starting round 187
clients: [67 21 20 12 59 69 80 27 87 79 94 24 26 62 11 19 95 41  9 56 39 82 66
48
 18  8 64 91  3  1 84 44 75 73 47 50 45 88 53 98 81  0 37 61 43  6 13 54
63 83]
round 187, starting client 1/50, id: 67
round 187, starting client 2/50, id: 21
round 187, starting client 3/50, id: 20
round 187, starting client 4/50, id: 12
round 187, starting client 5/50, id: 59
round 187, starting client 6/50, id: 69
round 187, starting client 7/50, id: 80
round 187, starting client 8/50, id: 27
round 187, starting client 9/50, id: 87
round 187, starting client 10/50, id: 79
round 187, starting client 11/50, id: 94
round 187, starting client 12/50, id: 24
round 187, starting client 13/50, id: 26
round 187, starting client 14/50, id: 62
round 187, starting client 15/50, id: 11
round 187, starting client 16/50, id: 19
round 187, starting client 17/50, id: 95
round 187, starting client 18/50, id: 41
round 187, starting client 19/50, id: 9
round 187, starting client 20/50, id: 56
round 187, starting client 21/50, id: 39
round 187, starting client 22/50, id: 82
round 187, starting client 23/50, id: 66
round 187, starting client 24/50, id: 48
round 187, starting client 25/50, id: 18
round 187, starting client 26/50, id: 8
round 187, starting client 27/50, id: 64
round 187, starting client 28/50, id: 91
round 187, starting client 29/50, id: 3
round 187, starting client 30/50, id: 1
round 187, starting client 31/50, id: 84

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round 187, starting client 32/50, id: 44
round 187, starting client 33/50, id: 75
round 187, starting client 34/50, id: 73
round 187, starting client 35/50, id: 47
round 187, starting client 36/50, id: 50
round 187, starting client 37/50, id: 45
round 187, starting client 38/50, id: 88
round 187, starting client 39/50, id: 53
round 187, starting client 40/50, id: 98
round 187, starting client 41/50, id: 81
round 187, starting client 42/50, id: 0
round 187, starting client 43/50, id: 37
round 187, starting client 44/50, id: 61
round 187, starting client 45/50, id: 43
round 187, starting client 46/50, id: 6
round 187, starting client 47/50, id: 13
round 187, starting client 48/50, id: 54
round 187, starting client 49/50, id: 63
round 187, starting client 50/50, id: 83
round 187, validation acc: 0.9699
starting round 188
clients: [ 8 48 85  2 14 65 52 90 94 63 19 69 26  4 96 41 30 32 77  0 88 75 97
33
 17  9 99  6  5 27 58 91  3 46 98 20 37 57 62 71 87 25 76 86 18 73 50 36
84 10]
round 188, starting client 1/50, id: 8
round 188, starting client 2/50, id: 48
round 188, starting client 3/50, id: 85
round 188, starting client 4/50, id: 2
round 188, starting client 5/50, id: 14
round 188, starting client 6/50, id: 65
round 188, starting client 7/50, id: 52
round 188, starting client 8/50, id: 90
round 188, starting client 9/50, id: 94
round 188, starting client 10/50, id: 63
round 188, starting client 11/50, id: 19
round 188, starting client 12/50, id: 69
round 188, starting client 13/50, id: 26
round 188, starting client 14/50, id: 4
round 188, starting client 15/50, id: 96
round 188, starting client 16/50, id: 41
round 188, starting client 17/50, id: 30
round 188, starting client 18/50, id: 32
round 188, starting client 19/50, id: 77
round 188, starting client 20/50, id: 0
round 188, starting client 21/50, id: 88
round 188, starting client 22/50, id: 75
round 188, starting client 23/50, id: 97

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round 188, starting client 24/50, id: 33
round 188, starting client 25/50, id: 17
round 188, starting client 26/50, id: 9
round 188, starting client 27/50, id: 99
round 188, starting client 28/50, id: 6
round 188, starting client 29/50, id: 5
round 188, starting client 30/50, id: 27
round 188, starting client 31/50, id: 58
round 188, starting client 32/50, id: 91
round 188, starting client 33/50, id: 3
round 188, starting client 34/50, id: 46
round 188, starting client 35/50, id: 98
round 188, starting client 36/50, id: 20
round 188, starting client 37/50, id: 37
round 188, starting client 38/50, id: 57
round 188, starting client 39/50, id: 62
round 188, starting client 40/50, id: 71
round 188, starting client 41/50, id: 87
round 188, starting client 42/50, id: 25
round 188, starting client 43/50, id: 76
round 188, starting client 44/50, id: 86
round 188, starting client 45/50, id: 18
round 188, starting client 46/50, id: 73
round 188, starting client 47/50, id: 50
round 188, starting client 48/50, id: 36
round 188, starting client 49/50, id: 84
round 188, starting client 50/50, id: 10
round 188, validation acc: 0.9696
starting round 189
clients: [58 39 87 51 91 60 9 41 82 15 37 29 22 27 17 94 80 65 81 49 40 12 71
43
16 13 93 98 77 38 74 90 34 11 30 14 61 54 4 99 62 36 18 24 68 7 0 70
8 46]
round 189, starting client 1/50, id: 58
round 189, starting client 2/50, id: 39
round 189, starting client 3/50, id: 87
round 189, starting client 4/50, id: 51
round 189, starting client 5/50, id: 91
round 189, starting client 6/50, id: 60
round 189, starting client 7/50, id: 9
round 189, starting client 8/50, id: 41
round 189, starting client 9/50, id: 82
round 189, starting client 10/50, id: 15
round 189, starting client 11/50, id: 37
round 189, starting client 12/50, id: 29
round 189, starting client 13/50, id: 22
round 189, starting client 14/50, id: 27
round 189, starting client 15/50, id: 17

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round 189, starting client 16/50, id: 94
round 189, starting client 17/50, id: 80
round 189, starting client 18/50, id: 65
round 189, starting client 19/50, id: 81
round 189, starting client 20/50, id: 49
round 189, starting client 21/50, id: 40
round 189, starting client 22/50, id: 12
round 189, starting client 23/50, id: 71
round 189, starting client 24/50, id: 43
round 189, starting client 25/50, id: 16
round 189, starting client 26/50, id: 13
round 189, starting client 27/50, id: 93
round 189, starting client 28/50, id: 98
round 189, starting client 29/50, id: 77
round 189, starting client 30/50, id: 38
round 189, starting client 31/50, id: 74
round 189, starting client 32/50, id: 90
round 189, starting client 33/50, id: 34
round 189, starting client 34/50, id: 11
round 189, starting client 35/50, id: 30
round 189, starting client 36/50, id: 14
round 189, starting client 37/50, id: 61
round 189, starting client 38/50, id: 54
round 189, starting client 39/50, id: 4
round 189, starting client 40/50, id: 99
round 189, starting client 41/50, id: 62
round 189, starting client 42/50, id: 36
round 189, starting client 43/50, id: 18
round 189, starting client 44/50, id: 24
round 189, starting client 45/50, id: 68
round 189, starting client 46/50, id: 7
round 189, starting client 47/50, id: 0
round 189, starting client 48/50, id: 70
round 189, starting client 49/50, id: 8
round 189, starting client 50/50, id: 46
round 189, validation acc: 0.9693
starting round 190
clients: [52 6 56 31 77 33 30 26 70 89 36 65 54 91 75 22 2 49 94 12 29 40 84
8
97 78 60 17 11 55 76 21 87 32 45 74 66 3 35 38 16 28 24 48 42 37 41 47
80 90]
round 190, starting client 1/50, id: 52
round 190, starting client 2/50, id: 6
round 190, starting client 3/50, id: 56
round 190, starting client 4/50, id: 31
round 190, starting client 5/50, id: 77
round 190, starting client 6/50, id: 33
round 190, starting client 7/50, id: 30

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round 190, starting client 8/50, id: 26
round 190, starting client 9/50, id: 70
round 190, starting client 10/50, id: 89
round 190, starting client 11/50, id: 36
round 190, starting client 12/50, id: 65
round 190, starting client 13/50, id: 54
round 190, starting client 14/50, id: 91
round 190, starting client 15/50, id: 75
round 190, starting client 16/50, id: 22
round 190, starting client 17/50, id: 2
round 190, starting client 18/50, id: 49
round 190, starting client 19/50, id: 94
round 190, starting client 20/50, id: 12
round 190, starting client 21/50, id: 29
round 190, starting client 22/50, id: 40
round 190, starting client 23/50, id: 84
round 190, starting client 24/50, id: 8
round 190, starting client 25/50, id: 97
round 190, starting client 26/50, id: 78
round 190, starting client 27/50, id: 60
round 190, starting client 28/50, id: 17
round 190, starting client 29/50, id: 11
round 190, starting client 30/50, id: 55
round 190, starting client 31/50, id: 76
round 190, starting client 32/50, id: 21
round 190, starting client 33/50, id: 87
round 190, starting client 34/50, id: 32
round 190, starting client 35/50, id: 45
round 190, starting client 36/50, id: 74
round 190, starting client 37/50, id: 66
round 190, starting client 38/50, id: 3
round 190, starting client 39/50, id: 35
round 190, starting client 40/50, id: 38
round 190, starting client 41/50, id: 16
round 190, starting client 42/50, id: 28
round 190, starting client 43/50, id: 24
round 190, starting client 44/50, id: 48
round 190, starting client 45/50, id: 42
round 190, starting client 46/50, id: 37
round 190, starting client 47/50, id: 41
round 190, starting client 48/50, id: 47
round 190, starting client 49/50, id: 80
round 190, starting client 50/50, id: 90
round 190, validation acc: 0.9687
starting round 191
clients: [20 46 69 26 22 74 39 37 99 90 42  2 47 78 87 84 19 88 13 33  4 68 59
97
32 17 48  6 54 73  9 60 45 75 96 36 98 71 81  7 61 27 58 49 50 35 28 44

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52 89]

round 191, starting client 1/50, id: 20
round 191, starting client 2/50, id: 46
round 191, starting client 3/50, id: 69
round 191, starting client 4/50, id: 26
round 191, starting client 5/50, id: 22
round 191, starting client 6/50, id: 74
round 191, starting client 7/50, id: 39
round 191, starting client 8/50, id: 37
round 191, starting client 9/50, id: 99
round 191, starting client 10/50, id: 90
round 191, starting client 11/50, id: 42
round 191, starting client 12/50, id: 2
round 191, starting client 13/50, id: 47
round 191, starting client 14/50, id: 78
round 191, starting client 15/50, id: 87
round 191, starting client 16/50, id: 84
round 191, starting client 17/50, id: 19
round 191, starting client 18/50, id: 88
round 191, starting client 19/50, id: 13
round 191, starting client 20/50, id: 33
round 191, starting client 21/50, id: 4
round 191, starting client 22/50, id: 68
round 191, starting client 23/50, id: 59
round 191, starting client 24/50, id: 97
round 191, starting client 25/50, id: 32
round 191, starting client 26/50, id: 17
round 191, starting client 27/50, id: 48
round 191, starting client 28/50, id: 6
round 191, starting client 29/50, id: 54
round 191, starting client 30/50, id: 73
round 191, starting client 31/50, id: 9
round 191, starting client 32/50, id: 60
round 191, starting client 33/50, id: 45
round 191, starting client 34/50, id: 75
round 191, starting client 35/50, id: 96
round 191, starting client 36/50, id: 36
round 191, starting client 37/50, id: 98
round 191, starting client 38/50, id: 71
round 191, starting client 39/50, id: 81
round 191, starting client 40/50, id: 7
round 191, starting client 41/50, id: 61
round 191, starting client 42/50, id: 27
round 191, starting client 43/50, id: 58
round 191, starting client 44/50, id: 49
round 191, starting client 45/50, id: 50
round 191, starting client 46/50, id: 35
round 191, starting client 47/50, id: 28


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round 191, starting client 48/50, id: 44
round 191, starting client 49/50, id: 52
round 191, starting client 50/50, id: 89
round 191, validation acc: 0.9704
starting round 192
clients: [54 12 48 16 81 53 8 30 39 10 79 22 61 55 46 93 28 91 59 97 23 13 4
15
5 85 77 64 7 37 80 20 76 27 56 47 69 52 1 74 58 82 24 99 73 60 65 57
49 84]
round 192, starting client 1/50, id: 54
round 192, starting client 2/50, id: 12
round 192, starting client 3/50, id: 48
round 192, starting client 4/50, id: 16
round 192, starting client 5/50, id: 81
round 192, starting client 6/50, id: 53
round 192, starting client 7/50, id: 8
round 192, starting client 8/50, id: 30
round 192, starting client 9/50, id: 39
round 192, starting client 10/50, id: 10
round 192, starting client 11/50, id: 79
round 192, starting client 12/50, id: 22
round 192, starting client 13/50, id: 61
round 192, starting client 14/50, id: 55
round 192, starting client 15/50, id: 46
round 192, starting client 16/50, id: 93
round 192, starting client 17/50, id: 28
round 192, starting client 18/50, id: 91
round 192, starting client 19/50, id: 59
round 192, starting client 20/50, id: 97
round 192, starting client 21/50, id: 23
round 192, starting client 22/50, id: 13
round 192, starting client 23/50, id: 4
round 192, starting client 24/50, id: 15
round 192, starting client 25/50, id: 5
round 192, starting client 26/50, id: 85
round 192, starting client 27/50, id: 77
round 192, starting client 28/50, id: 64
round 192, starting client 29/50, id: 7
round 192, starting client 30/50, id: 37
round 192, starting client 31/50, id: 80
round 192, starting client 32/50, id: 20
round 192, starting client 33/50, id: 76
round 192, starting client 34/50, id: 27
round 192, starting client 35/50, id: 56
round 192, starting client 36/50, id: 47
round 192, starting client 37/50, id: 69
round 192, starting client 38/50, id: 52
round 192, starting client 39/50, id: 1

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round 192, starting client 40/50, id: 74
round 192, starting client 41/50, id: 58
round 192, starting client 42/50, id: 82
round 192, starting client 43/50, id: 24
round 192, starting client 44/50, id: 99
round 192, starting client 45/50, id: 73
round 192, starting client 46/50, id: 60
round 192, starting client 47/50, id: 65
round 192, starting client 48/50, id: 57
round 192, starting client 49/50, id: 49
round 192, starting client 50/50, id: 84
round 192, validation acc: 0.9706
starting round 193
clients: [32 28 36 71 4 84 6 56 25 37 58 85 87 54 83 14 78 73 60 92 15 40 86
47
57 79 97 76 99 11 75 55 21 43 64 69 72 52 81 22 51 88 59 61 10 19 89 42
0 66]
round 193, starting client 1/50, id: 32
round 193, starting client 2/50, id: 28
round 193, starting client 3/50, id: 36
round 193, starting client 4/50, id: 71
round 193, starting client 5/50, id: 4
round 193, starting client 6/50, id: 84
round 193, starting client 7/50, id: 6
round 193, starting client 8/50, id: 56
round 193, starting client 9/50, id: 25
round 193, starting client 10/50, id: 37
round 193, starting client 11/50, id: 58
round 193, starting client 12/50, id: 85
round 193, starting client 13/50, id: 87
round 193, starting client 14/50, id: 54
round 193, starting client 15/50, id: 83
round 193, starting client 16/50, id: 14
round 193, starting client 17/50, id: 78
round 193, starting client 18/50, id: 73
round 193, starting client 19/50, id: 60
round 193, starting client 20/50, id: 92
round 193, starting client 21/50, id: 15
round 193, starting client 22/50, id: 40
round 193, starting client 23/50, id: 86
round 193, starting client 24/50, id: 47
round 193, starting client 25/50, id: 57
round 193, starting client 26/50, id: 79
round 193, starting client 27/50, id: 97
round 193, starting client 28/50, id: 76
round 193, starting client 29/50, id: 99
round 193, starting client 30/50, id: 11
round 193, starting client 31/50, id: 75

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round 193, starting client 32/50, id: 55
round 193, starting client 33/50, id: 21
round 193, starting client 34/50, id: 43
round 193, starting client 35/50, id: 64
round 193, starting client 36/50, id: 69
round 193, starting client 37/50, id: 72
round 193, starting client 38/50, id: 52
round 193, starting client 39/50, id: 81
round 193, starting client 40/50, id: 22
round 193, starting client 41/50, id: 51
round 193, starting client 42/50, id: 88
round 193, starting client 43/50, id: 59
round 193, starting client 44/50, id: 61
round 193, starting client 45/50, id: 10
round 193, starting client 46/50, id: 19
round 193, starting client 47/50, id: 89
round 193, starting client 48/50, id: 42
round 193, starting client 49/50, id: 0
round 193, starting client 50/50, id: 66
round 193, validation acc: 0.9672
starting round 194
clients: [15 66 34 26 62 69 86 84 59 36 0 99 20 85 27 54 48 78 43 81 40 50 33
29
55 35 11 67 22 9 24 71 68 92 46 91 47 73 37 14 39 19 57 64 23 88 65 28
80 93]
round 194, starting client 1/50, id: 15
round 194, starting client 2/50, id: 66
round 194, starting client 3/50, id: 34
round 194, starting client 4/50, id: 26
round 194, starting client 5/50, id: 62
round 194, starting client 6/50, id: 69
round 194, starting client 7/50, id: 86
round 194, starting client 8/50, id: 84
round 194, starting client 9/50, id: 59
round 194, starting client 10/50, id: 36
round 194, starting client 11/50, id: 0
round 194, starting client 12/50, id: 99
round 194, starting client 13/50, id: 20
round 194, starting client 14/50, id: 85
round 194, starting client 15/50, id: 27
round 194, starting client 16/50, id: 54
round 194, starting client 17/50, id: 48
round 194, starting client 18/50, id: 78
round 194, starting client 19/50, id: 43
round 194, starting client 20/50, id: 81
round 194, starting client 21/50, id: 40
round 194, starting client 22/50, id: 50
round 194, starting client 23/50, id: 33

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round 194, starting client 24/50, id: 29
round 194, starting client 25/50, id: 55
round 194, starting client 26/50, id: 35
round 194, starting client 27/50, id: 11
round 194, starting client 28/50, id: 67
round 194, starting client 29/50, id: 22
round 194, starting client 30/50, id: 9
round 194, starting client 31/50, id: 24
round 194, starting client 32/50, id: 71
round 194, starting client 33/50, id: 68
round 194, starting client 34/50, id: 92
round 194, starting client 35/50, id: 46
round 194, starting client 36/50, id: 91
round 194, starting client 37/50, id: 47
round 194, starting client 38/50, id: 73
round 194, starting client 39/50, id: 37
round 194, starting client 40/50, id: 14
round 194, starting client 41/50, id: 39
round 194, starting client 42/50, id: 19
round 194, starting client 43/50, id: 57
round 194, starting client 44/50, id: 64
round 194, starting client 45/50, id: 23
round 194, starting client 46/50, id: 88
round 194, starting client 47/50, id: 65
round 194, starting client 48/50, id: 28
round 194, starting client 49/50, id: 80
round 194, starting client 50/50, id: 93
round 194, validation acc: 0.9704
starting round 195
clients: [89 36 85 38 98 7 27 19 82 59 81 90 34 64 39 30 28 33 73 92 67 78 54
40
62 76 47 43 20 4 45 1 6 49 46 37 21 53 75 65 57 16 23 0 50 58 68 88
8 60]
round 195, starting client 1/50, id: 89
round 195, starting client 2/50, id: 36
round 195, starting client 3/50, id: 85
round 195, starting client 4/50, id: 38
round 195, starting client 5/50, id: 98
round 195, starting client 6/50, id: 7
round 195, starting client 7/50, id: 27
round 195, starting client 8/50, id: 19
round 195, starting client 9/50, id: 82
round 195, starting client 10/50, id: 59
round 195, starting client 11/50, id: 81
round 195, starting client 12/50, id: 90
round 195, starting client 13/50, id: 34
round 195, starting client 14/50, id: 64
round 195, starting client 15/50, id: 39

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round 195, starting client 16/50, id: 30
round 195, starting client 17/50, id: 28
round 195, starting client 18/50, id: 33
round 195, starting client 19/50, id: 73
round 195, starting client 20/50, id: 92
round 195, starting client 21/50, id: 67
round 195, starting client 22/50, id: 78
round 195, starting client 23/50, id: 54
round 195, starting client 24/50, id: 40
round 195, starting client 25/50, id: 62
round 195, starting client 26/50, id: 76
round 195, starting client 27/50, id: 47
round 195, starting client 28/50, id: 43
round 195, starting client 29/50, id: 20
round 195, starting client 30/50, id: 4
round 195, starting client 31/50, id: 45
round 195, starting client 32/50, id: 1
round 195, starting client 33/50, id: 6
round 195, starting client 34/50, id: 49
round 195, starting client 35/50, id: 46
round 195, starting client 36/50, id: 37
round 195, starting client 37/50, id: 21
round 195, starting client 38/50, id: 53
round 195, starting client 39/50, id: 75
round 195, starting client 40/50, id: 65
round 195, starting client 41/50, id: 57
round 195, starting client 42/50, id: 16
round 195, starting client 43/50, id: 23
round 195, starting client 44/50, id: 0
round 195, starting client 45/50, id: 50
round 195, starting client 46/50, id: 58
round 195, starting client 47/50, id: 68
round 195, starting client 48/50, id: 88
round 195, starting client 49/50, id: 8
round 195, starting client 50/50, id: 60
round 195, validation acc: 0.9701
starting round 196
clients: [10 85 87 69 34 53 51 71 56 22 67 19 43 83 59 5 93 57 77 15 8 45 21
14
63 65 76 72 42 18 92 50 37 4 0 78 27 81 24 52 12 2 20 64 32 46 91 41
6 79]
round 196, starting client 1/50, id: 10
round 196, starting client 2/50, id: 85
round 196, starting client 3/50, id: 87
round 196, starting client 4/50, id: 69
round 196, starting client 5/50, id: 34
round 196, starting client 6/50, id: 53
round 196, starting client 7/50, id: 51

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round 196, starting client 8/50, id: 71
round 196, starting client 9/50, id: 56
round 196, starting client 10/50, id: 22
round 196, starting client 11/50, id: 67
round 196, starting client 12/50, id: 19
round 196, starting client 13/50, id: 43
round 196, starting client 14/50, id: 83
round 196, starting client 15/50, id: 59
round 196, starting client 16/50, id: 5
round 196, starting client 17/50, id: 93
round 196, starting client 18/50, id: 57
round 196, starting client 19/50, id: 77
round 196, starting client 20/50, id: 15
round 196, starting client 21/50, id: 8
round 196, starting client 22/50, id: 45
round 196, starting client 23/50, id: 21
round 196, starting client 24/50, id: 14
round 196, starting client 25/50, id: 63
round 196, starting client 26/50, id: 65
round 196, starting client 27/50, id: 76
round 196, starting client 28/50, id: 72
round 196, starting client 29/50, id: 42
round 196, starting client 30/50, id: 18
round 196, starting client 31/50, id: 92
round 196, starting client 32/50, id: 50
round 196, starting client 33/50, id: 37
round 196, starting client 34/50, id: 4
round 196, starting client 35/50, id: 0
round 196, starting client 36/50, id: 78
round 196, starting client 37/50, id: 27
round 196, starting client 38/50, id: 81
round 196, starting client 39/50, id: 24
round 196, starting client 40/50, id: 52
round 196, starting client 41/50, id: 12
round 196, starting client 42/50, id: 2
round 196, starting client 43/50, id: 20
round 196, starting client 44/50, id: 64
round 196, starting client 45/50, id: 32
round 196, starting client 46/50, id: 46
round 196, starting client 47/50, id: 91
round 196, starting client 48/50, id: 41
round 196, starting client 49/50, id: 6
round 196, starting client 50/50, id: 79
round 196, validation acc: 0.9689
starting round 197
clients: [33 30 38 99 15 70 32 21 16 50 94 68 12 37 88 67 76 46 78 57 9 97 59
64
56 69 92 28 84 26 98 35 39 41 24 73 66 85 47 19 40 83 14 74 90 22 81 3

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91 53]

round 197, starting client 1/50, id: 33
round 197, starting client 2/50, id: 30
round 197, starting client 3/50, id: 38
round 197, starting client 4/50, id: 99
round 197, starting client 5/50, id: 15
round 197, starting client 6/50, id: 70
round 197, starting client 7/50, id: 32
round 197, starting client 8/50, id: 21
round 197, starting client 9/50, id: 16
round 197, starting client 10/50, id: 50
round 197, starting client 11/50, id: 94
round 197, starting client 12/50, id: 68
round 197, starting client 13/50, id: 12
round 197, starting client 14/50, id: 37
round 197, starting client 15/50, id: 88
round 197, starting client 16/50, id: 67
round 197, starting client 17/50, id: 76
round 197, starting client 18/50, id: 46
round 197, starting client 19/50, id: 78
round 197, starting client 20/50, id: 57
round 197, starting client 21/50, id: 9
round 197, starting client 22/50, id: 97
round 197, starting client 23/50, id: 59
round 197, starting client 24/50, id: 64
round 197, starting client 25/50, id: 56
round 197, starting client 26/50, id: 69
round 197, starting client 27/50, id: 92
round 197, starting client 28/50, id: 28
round 197, starting client 29/50, id: 84
round 197, starting client 30/50, id: 26
round 197, starting client 31/50, id: 98
round 197, starting client 32/50, id: 35
round 197, starting client 33/50, id: 39
round 197, starting client 34/50, id: 41
round 197, starting client 35/50, id: 24
round 197, starting client 36/50, id: 73
round 197, starting client 37/50, id: 66
round 197, starting client 38/50, id: 85
round 197, starting client 39/50, id: 47
round 197, starting client 40/50, id: 19
round 197, starting client 41/50, id: 40
round 197, starting client 42/50, id: 83
round 197, starting client 43/50, id: 14
round 197, starting client 44/50, id: 74
round 197, starting client 45/50, id: 90
round 197, starting client 46/50, id: 22
round 197, starting client 47/50, id: 81

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round 197, starting client 48/50, id: 3
round 197, starting client 49/50, id: 91
round 197, starting client 50/50, id: 53
round 197, validation acc: 0.9703
starting round 198
clients: [76 26 52 29 5 24 46 38 34 13 12 20 47 11 60 27 74 77 80 99 86 82 98
43
97 58 2 33 95 49 42 90 31 40 66 85 28 18 1 83 7 50 78 72 54 17 55 45
9 48]
round 198, starting client 1/50, id: 76
round 198, starting client 2/50, id: 26
round 198, starting client 3/50, id: 52
round 198, starting client 4/50, id: 29
round 198, starting client 5/50, id: 5
round 198, starting client 6/50, id: 24
round 198, starting client 7/50, id: 46
round 198, starting client 8/50, id: 38
round 198, starting client 9/50, id: 34
round 198, starting client 10/50, id: 13
round 198, starting client 11/50, id: 12
round 198, starting client 12/50, id: 20
round 198, starting client 13/50, id: 47
round 198, starting client 14/50, id: 11
round 198, starting client 15/50, id: 60
round 198, starting client 16/50, id: 27
round 198, starting client 17/50, id: 74
round 198, starting client 18/50, id: 77
round 198, starting client 19/50, id: 80
round 198, starting client 20/50, id: 99
round 198, starting client 21/50, id: 86
round 198, starting client 22/50, id: 82
round 198, starting client 23/50, id: 98
round 198, starting client 24/50, id: 43
round 198, starting client 25/50, id: 97
round 198, starting client 26/50, id: 58
round 198, starting client 27/50, id: 2
round 198, starting client 28/50, id: 33
round 198, starting client 29/50, id: 95
round 198, starting client 30/50, id: 49
round 198, starting client 31/50, id: 42
round 198, starting client 32/50, id: 90
round 198, starting client 33/50, id: 31
round 198, starting client 34/50, id: 40
round 198, starting client 35/50, id: 66
round 198, starting client 36/50, id: 85
round 198, starting client 37/50, id: 28
round 198, starting client 38/50, id: 18
round 198, starting client 39/50, id: 1

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round 198, starting client 40/50, id: 83
round 198, starting client 41/50, id: 7
round 198, starting client 42/50, id: 50
round 198, starting client 43/50, id: 78
round 198, starting client 44/50, id: 72
round 198, starting client 45/50, id: 54
round 198, starting client 46/50, id: 17
round 198, starting client 47/50, id: 55
round 198, starting client 48/50, id: 45
round 198, starting client 49/50, id: 9
round 198, starting client 50/50, id: 48
round 198, validation acc: 0.9689
starting round 199
clients: [56 1 10 48 66 41 9 75 64 29 32 37 24 53 31 94 3 78 19 57 61 85 44
80
63 5 40 49 98 71 17 79 86 2 50 62 69 58 70 25 84 11 45 7 8 30 28 77
52 12]
round 199, starting client 1/50, id: 56
round 199, starting client 2/50, id: 1
round 199, starting client 3/50, id: 10
round 199, starting client 4/50, id: 48
round 199, starting client 5/50, id: 66
round 199, starting client 6/50, id: 41
round 199, starting client 7/50, id: 9
round 199, starting client 8/50, id: 75
round 199, starting client 9/50, id: 64
round 199, starting client 10/50, id: 29
round 199, starting client 11/50, id: 32
round 199, starting client 12/50, id: 37
round 199, starting client 13/50, id: 24
round 199, starting client 14/50, id: 53
round 199, starting client 15/50, id: 31
round 199, starting client 16/50, id: 94
round 199, starting client 17/50, id: 3
round 199, starting client 18/50, id: 78
round 199, starting client 19/50, id: 19
round 199, starting client 20/50, id: 57
round 199, starting client 21/50, id: 61
round 199, starting client 22/50, id: 85
round 199, starting client 23/50, id: 44
round 199, starting client 24/50, id: 80
round 199, starting client 25/50, id: 63
round 199, starting client 26/50, id: 5
round 199, starting client 27/50, id: 40
round 199, starting client 28/50, id: 49
round 199, starting client 29/50, id: 98
round 199, starting client 30/50, id: 71
round 199, starting client 31/50, id: 17

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round 199, starting client 32/50, id: 79
round 199, starting client 33/50, id: 86
round 199, starting client 34/50, id: 2
round 199, starting client 35/50, id: 50
round 199, starting client 36/50, id: 62
round 199, starting client 37/50, id: 69
round 199, starting client 38/50, id: 58
round 199, starting client 39/50, id: 70
round 199, starting client 40/50, id: 25
round 199, starting client 41/50, id: 84
round 199, starting client 42/50, id: 11
round 199, starting client 43/50, id: 45
round 199, starting client 44/50, id: 7
round 199, starting client 45/50, id: 8
round 199, starting client 46/50, id: 30
round 199, starting client 47/50, id: 28
round 199, starting client 48/50, id: 77
round 199, starting client 49/50, id: 52
round 199, starting client 50/50, id: 12
round 199, validation acc: 0.9703
starting round 200
clients: [28 88 66 39 25 53 75 85 49 16 26 98 31 90 17 23 47 13 50 55 24 6 12
91
9 37 63 30 57 56 36 62 78 18 83 61 33 67 43 32 2 58 41 20 70 7 14 40
27 52]
round 200, starting client 1/50, id: 28
round 200, starting client 2/50, id: 88
round 200, starting client 3/50, id: 66
round 200, starting client 4/50, id: 39
round 200, starting client 5/50, id: 25
round 200, starting client 6/50, id: 53
round 200, starting client 7/50, id: 75
round 200, starting client 8/50, id: 85
round 200, starting client 9/50, id: 49
round 200, starting client 10/50, id: 16
round 200, starting client 11/50, id: 26
round 200, starting client 12/50, id: 98
round 200, starting client 13/50, id: 31
round 200, starting client 14/50, id: 90
round 200, starting client 15/50, id: 17
round 200, starting client 16/50, id: 23
round 200, starting client 17/50, id: 47
round 200, starting client 18/50, id: 13
round 200, starting client 19/50, id: 50
round 200, starting client 20/50, id: 55
round 200, starting client 21/50, id: 24
round 200, starting client 22/50, id: 6
round 200, starting client 23/50, id: 12

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round 200, starting client 24/50, id: 91
round 200, starting client 25/50, id: 9
round 200, starting client 26/50, id: 37
round 200, starting client 27/50, id: 63
round 200, starting client 28/50, id: 30
round 200, starting client 29/50, id: 57
round 200, starting client 30/50, id: 56
round 200, starting client 31/50, id: 36
round 200, starting client 32/50, id: 62
round 200, starting client 33/50, id: 78
round 200, starting client 34/50, id: 18
round 200, starting client 35/50, id: 83
round 200, starting client 36/50, id: 61
round 200, starting client 37/50, id: 33
round 200, starting client 38/50, id: 67
round 200, starting client 39/50, id: 43
round 200, starting client 40/50, id: 32
round 200, starting client 41/50, id: 2
round 200, starting client 42/50, id: 58
round 200, starting client 43/50, id: 41
round 200, starting client 44/50, id: 20
round 200, starting client 45/50, id: 70
round 200, starting client 46/50, id: 7
round 200, starting client 47/50, id: 14
round 200, starting client 48/50, id: 40
round 200, starting client 49/50, id: 27
round 200, starting client 50/50, id: 52
round 200, validation acc: 0.9712
starting round 201
clients: [45 98 25 6 0 88 22 30 99 47 60 36 77 4 90 35 2 42 44 84 89 29 92
38
3 14 1 80 27 20 23 63 91 93 51 19 32 69 83 70 54 49 72 82 65 10 74 81
24 56]
round 201, starting client 1/50, id: 45
round 201, starting client 2/50, id: 98
round 201, starting client 3/50, id: 25
round 201, starting client 4/50, id: 6
round 201, starting client 5/50, id: 0
round 201, starting client 6/50, id: 88
round 201, starting client 7/50, id: 22
round 201, starting client 8/50, id: 30
round 201, starting client 9/50, id: 99
round 201, starting client 10/50, id: 47
round 201, starting client 11/50, id: 60
round 201, starting client 12/50, id: 36
round 201, starting client 13/50, id: 77
round 201, starting client 14/50, id: 4
round 201, starting client 15/50, id: 90

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round 201, starting client 16/50, id: 35
round 201, starting client 17/50, id: 2
round 201, starting client 18/50, id: 42
round 201, starting client 19/50, id: 44
round 201, starting client 20/50, id: 84
round 201, starting client 21/50, id: 89
round 201, starting client 22/50, id: 29
round 201, starting client 23/50, id: 92
round 201, starting client 24/50, id: 38
round 201, starting client 25/50, id: 3
round 201, starting client 26/50, id: 14
round 201, starting client 27/50, id: 1
round 201, starting client 28/50, id: 80
round 201, starting client 29/50, id: 27
round 201, starting client 30/50, id: 20
round 201, starting client 31/50, id: 23
round 201, starting client 32/50, id: 63
round 201, starting client 33/50, id: 91
round 201, starting client 34/50, id: 93
round 201, starting client 35/50, id: 51
round 201, starting client 36/50, id: 19
round 201, starting client 37/50, id: 32
round 201, starting client 38/50, id: 69
round 201, starting client 39/50, id: 83
round 201, starting client 40/50, id: 70
round 201, starting client 41/50, id: 54
round 201, starting client 42/50, id: 49
round 201, starting client 43/50, id: 72
round 201, starting client 44/50, id: 82
round 201, starting client 45/50, id: 65
round 201, starting client 46/50, id: 10
round 201, starting client 47/50, id: 74
round 201, starting client 48/50, id: 81
round 201, starting client 49/50, id: 24
round 201, starting client 50/50, id: 56
round 201, validation acc: 0.9703
starting round 202
clients: [97 79 73 86 92 45 71 81 50 96 33 82 58 31 14 85 29 21 3 20 34 16 26
78
35 56 9 52 98 84 38 37 46 74 76 53 54 0 61 27 48 72 65 75 64 25 62 68
24 70]
round 202, starting client 1/50, id: 97
round 202, starting client 2/50, id: 79
round 202, starting client 3/50, id: 73
round 202, starting client 4/50, id: 86
round 202, starting client 5/50, id: 92
round 202, starting client 6/50, id: 45
round 202, starting client 7/50, id: 71

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round 202, starting client 8/50, id: 81
round 202, starting client 9/50, id: 50
round 202, starting client 10/50, id: 96
round 202, starting client 11/50, id: 33
round 202, starting client 12/50, id: 82
round 202, starting client 13/50, id: 58
round 202, starting client 14/50, id: 31
round 202, starting client 15/50, id: 14
round 202, starting client 16/50, id: 85
round 202, starting client 17/50, id: 29
round 202, starting client 18/50, id: 21
round 202, starting client 19/50, id: 3
round 202, starting client 20/50, id: 20
round 202, starting client 21/50, id: 34
round 202, starting client 22/50, id: 16
round 202, starting client 23/50, id: 26
round 202, starting client 24/50, id: 78
round 202, starting client 25/50, id: 35
round 202, starting client 26/50, id: 56
round 202, starting client 27/50, id: 9
round 202, starting client 28/50, id: 52
round 202, starting client 29/50, id: 98
round 202, starting client 30/50, id: 84
round 202, starting client 31/50, id: 38
round 202, starting client 32/50, id: 37
round 202, starting client 33/50, id: 46
round 202, starting client 34/50, id: 74
round 202, starting client 35/50, id: 76
round 202, starting client 36/50, id: 53
round 202, starting client 37/50, id: 54
round 202, starting client 38/50, id: 0
round 202, starting client 39/50, id: 61
round 202, starting client 40/50, id: 27
round 202, starting client 41/50, id: 48
round 202, starting client 42/50, id: 72
round 202, starting client 43/50, id: 65
round 202, starting client 44/50, id: 75
round 202, starting client 45/50, id: 64
round 202, starting client 46/50, id: 25
round 202, starting client 47/50, id: 62
round 202, starting client 48/50, id: 68
round 202, starting client 49/50, id: 24
round 202, starting client 50/50, id: 70
round 202, validation acc: 0.9715
starting round 203
clients: [28 48 11 34 12 16 10 26 97 20 84 73 27 42 3 22 62 60 90 70 93 86 68
64
94 1 45 59 87 33 6 65 32 44 82 25 24 47 49 13 78 79 83 9 37 53 89 92

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40 80]

round 203, starting client 1/50, id: 28
round 203, starting client 2/50, id: 48
round 203, starting client 3/50, id: 11
round 203, starting client 4/50, id: 34
round 203, starting client 5/50, id: 12
round 203, starting client 6/50, id: 16
round 203, starting client 7/50, id: 10
round 203, starting client 8/50, id: 26
round 203, starting client 9/50, id: 97
round 203, starting client 10/50, id: 20
round 203, starting client 11/50, id: 84
round 203, starting client 12/50, id: 73
round 203, starting client 13/50, id: 27
round 203, starting client 14/50, id: 42
round 203, starting client 15/50, id: 3
round 203, starting client 16/50, id: 22
round 203, starting client 17/50, id: 62
round 203, starting client 18/50, id: 60
round 203, starting client 19/50, id: 90
round 203, starting client 20/50, id: 70
round 203, starting client 21/50, id: 93
round 203, starting client 22/50, id: 86
round 203, starting client 23/50, id: 68
round 203, starting client 24/50, id: 64
round 203, starting client 25/50, id: 94
round 203, starting client 26/50, id: 1
round 203, starting client 27/50, id: 45
round 203, starting client 28/50, id: 59
round 203, starting client 29/50, id: 87
round 203, starting client 30/50, id: 33
round 203, starting client 31/50, id: 6
round 203, starting client 32/50, id: 65
round 203, starting client 33/50, id: 32
round 203, starting client 34/50, id: 44
round 203, starting client 35/50, id: 82
round 203, starting client 36/50, id: 25
round 203, starting client 37/50, id: 24
round 203, starting client 38/50, id: 47
round 203, starting client 39/50, id: 49
round 203, starting client 40/50, id: 13
round 203, starting client 41/50, id: 78
round 203, starting client 42/50, id: 79
round 203, starting client 43/50, id: 83
round 203, starting client 44/50, id: 9
round 203, starting client 45/50, id: 37
round 203, starting client 46/50, id: 53
round 203, starting client 47/50, id: 89

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round 203, starting client 48/50, id: 92
round 203, starting client 49/50, id: 40
round 203, starting client 50/50, id: 80
round 203, validation acc: 0.9703
starting round 204
clients: [83 29 47 39 12 54 67 63 35 80 95 98 89 37 51 19 28 76 62 75  2 30 43
33
72 45 71 46 91 93 16 53 24 58 59 40  0 27 81 38  7 90 22 77 96 32 25 36
92 49]
round 204, starting client 1/50, id: 83
round 204, starting client 2/50, id: 29
round 204, starting client 3/50, id: 47
round 204, starting client 4/50, id: 39
round 204, starting client 5/50, id: 12
round 204, starting client 6/50, id: 54
round 204, starting client 7/50, id: 67
round 204, starting client 8/50, id: 63
round 204, starting client 9/50, id: 35
round 204, starting client 10/50, id: 80
round 204, starting client 11/50, id: 95
round 204, starting client 12/50, id: 98
round 204, starting client 13/50, id: 89
round 204, starting client 14/50, id: 37
round 204, starting client 15/50, id: 51
round 204, starting client 16/50, id: 19
round 204, starting client 17/50, id: 28
round 204, starting client 18/50, id: 76
round 204, starting client 19/50, id: 62
round 204, starting client 20/50, id: 75
round 204, starting client 21/50, id: 2
round 204, starting client 22/50, id: 30
round 204, starting client 23/50, id: 43
round 204, starting client 24/50, id: 33
round 204, starting client 25/50, id: 72
round 204, starting client 26/50, id: 45
round 204, starting client 27/50, id: 71
round 204, starting client 28/50, id: 46
round 204, starting client 29/50, id: 91
round 204, starting client 30/50, id: 93
round 204, starting client 31/50, id: 16
round 204, starting client 32/50, id: 53
round 204, starting client 33/50, id: 24
round 204, starting client 34/50, id: 58
round 204, starting client 35/50, id: 59
round 204, starting client 36/50, id: 40
round 204, starting client 37/50, id: 0
round 204, starting client 38/50, id: 27
round 204, starting client 39/50, id: 81

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round 204, starting client 40/50, id: 38
round 204, starting client 41/50, id: 7
round 204, starting client 42/50, id: 90
round 204, starting client 43/50, id: 22
round 204, starting client 44/50, id: 77
round 204, starting client 45/50, id: 96
round 204, starting client 46/50, id: 32
round 204, starting client 47/50, id: 25
round 204, starting client 48/50, id: 36
round 204, starting client 49/50, id: 92
round 204, starting client 50/50, id: 49
round 204, validation acc: 0.971
starting round 205
clients: [57 95 50 45 86 70 43 6 11 63 80 9 61 66 73 71 90 16 36 83 56 13 5
7
40 59 77 10 12 28 62 18 67 82 88 25 2 30 37 79 89 32 15 58 22 55 91 60
78 74]
round 205, starting client 1/50, id: 57
round 205, starting client 2/50, id: 95
round 205, starting client 3/50, id: 50
round 205, starting client 4/50, id: 45
round 205, starting client 5/50, id: 86
round 205, starting client 6/50, id: 70
round 205, starting client 7/50, id: 43
round 205, starting client 8/50, id: 6
round 205, starting client 9/50, id: 11
round 205, starting client 10/50, id: 63
round 205, starting client 11/50, id: 80
round 205, starting client 12/50, id: 9
round 205, starting client 13/50, id: 61
round 205, starting client 14/50, id: 66
round 205, starting client 15/50, id: 73
round 205, starting client 16/50, id: 71
round 205, starting client 17/50, id: 90
round 205, starting client 18/50, id: 16
round 205, starting client 19/50, id: 36
round 205, starting client 20/50, id: 83
round 205, starting client 21/50, id: 56
round 205, starting client 22/50, id: 13
round 205, starting client 23/50, id: 5
round 205, starting client 24/50, id: 7
round 205, starting client 25/50, id: 40
round 205, starting client 26/50, id: 59
round 205, starting client 27/50, id: 77
round 205, starting client 28/50, id: 10
round 205, starting client 29/50, id: 12
round 205, starting client 30/50, id: 28
round 205, starting client 31/50, id: 62

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round 205, starting client 32/50, id: 18
round 205, starting client 33/50, id: 67
round 205, starting client 34/50, id: 82
round 205, starting client 35/50, id: 88
round 205, starting client 36/50, id: 25
round 205, starting client 37/50, id: 2
round 205, starting client 38/50, id: 30
round 205, starting client 39/50, id: 37
round 205, starting client 40/50, id: 79
round 205, starting client 41/50, id: 89
round 205, starting client 42/50, id: 32
round 205, starting client 43/50, id: 15
round 205, starting client 44/50, id: 58
round 205, starting client 45/50, id: 22
round 205, starting client 46/50, id: 55
round 205, starting client 47/50, id: 91
round 205, starting client 48/50, id: 60
round 205, starting client 49/50, id: 78
round 205, starting client 50/50, id: 74
round 205, validation acc: 0.9699
starting round 206
clients: [ 7 88 17 26 67 77 19 12  2 13 97 72 69 70 30 66 71 63 51 37 98 85 80
41
 94 68 25 28 24 56 11 74  9 22 91 75 73 87 93  8 61  0 99 52 33 23 60 40
95 21]
round 206, starting client 1/50, id: 7
round 206, starting client 2/50, id: 88
round 206, starting client 3/50, id: 17
round 206, starting client 4/50, id: 26
round 206, starting client 5/50, id: 67
round 206, starting client 6/50, id: 77
round 206, starting client 7/50, id: 19
round 206, starting client 8/50, id: 12
round 206, starting client 9/50, id: 2
round 206, starting client 10/50, id: 13
round 206, starting client 11/50, id: 97
round 206, starting client 12/50, id: 72
round 206, starting client 13/50, id: 69
round 206, starting client 14/50, id: 70
round 206, starting client 15/50, id: 30
round 206, starting client 16/50, id: 66
round 206, starting client 17/50, id: 71
round 206, starting client 18/50, id: 63
round 206, starting client 19/50, id: 51
round 206, starting client 20/50, id: 37
round 206, starting client 21/50, id: 98
round 206, starting client 22/50, id: 85
round 206, starting client 23/50, id: 80

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round 206, starting client 24/50, id: 41
round 206, starting client 25/50, id: 94
round 206, starting client 26/50, id: 68
round 206, starting client 27/50, id: 25
round 206, starting client 28/50, id: 28
round 206, starting client 29/50, id: 24
round 206, starting client 30/50, id: 56
round 206, starting client 31/50, id: 11
round 206, starting client 32/50, id: 74
round 206, starting client 33/50, id: 9
round 206, starting client 34/50, id: 22
round 206, starting client 35/50, id: 91
round 206, starting client 36/50, id: 75
round 206, starting client 37/50, id: 73
round 206, starting client 38/50, id: 87
round 206, starting client 39/50, id: 93
round 206, starting client 40/50, id: 8
round 206, starting client 41/50, id: 61
round 206, starting client 42/50, id: 0
round 206, starting client 43/50, id: 99
round 206, starting client 44/50, id: 52
round 206, starting client 45/50, id: 33
round 206, starting client 46/50, id: 23
round 206, starting client 47/50, id: 60
round 206, starting client 48/50, id: 40
round 206, starting client 49/50, id: 95
round 206, starting client 50/50, id: 21
round 206, validation acc: 0.9706
starting round 207
clients: [70 92 34 89 23 68 56 57 61 1 25 65 53 59 51 35 52 16 12 87 88 50 77
39
3 90 85 97 79 9 17 37 7 42 44 83 60 73 36 6 86 32 84 38 55 78 46 13
93 45]
round 207, starting client 1/50, id: 70
round 207, starting client 2/50, id: 92
round 207, starting client 3/50, id: 34
round 207, starting client 4/50, id: 89
round 207, starting client 5/50, id: 23
round 207, starting client 6/50, id: 68
round 207, starting client 7/50, id: 56
round 207, starting client 8/50, id: 57
round 207, starting client 9/50, id: 61
round 207, starting client 10/50, id: 1
round 207, starting client 11/50, id: 25
round 207, starting client 12/50, id: 65
round 207, starting client 13/50, id: 53
round 207, starting client 14/50, id: 59
round 207, starting client 15/50, id: 51

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round 207, starting client 16/50, id: 35
round 207, starting client 17/50, id: 52
round 207, starting client 18/50, id: 16
round 207, starting client 19/50, id: 12
round 207, starting client 20/50, id: 87
round 207, starting client 21/50, id: 88
round 207, starting client 22/50, id: 50
round 207, starting client 23/50, id: 77
round 207, starting client 24/50, id: 39
round 207, starting client 25/50, id: 3
round 207, starting client 26/50, id: 90
round 207, starting client 27/50, id: 85
round 207, starting client 28/50, id: 97
round 207, starting client 29/50, id: 79
round 207, starting client 30/50, id: 9
round 207, starting client 31/50, id: 17
round 207, starting client 32/50, id: 37
round 207, starting client 33/50, id: 7
round 207, starting client 34/50, id: 42
round 207, starting client 35/50, id: 44
round 207, starting client 36/50, id: 83
round 207, starting client 37/50, id: 60
round 207, starting client 38/50, id: 73
round 207, starting client 39/50, id: 36
round 207, starting client 40/50, id: 6
round 207, starting client 41/50, id: 86
round 207, starting client 42/50, id: 32
round 207, starting client 43/50, id: 84
round 207, starting client 44/50, id: 38
round 207, starting client 45/50, id: 55
round 207, starting client 46/50, id: 78
round 207, starting client 47/50, id: 46
round 207, starting client 48/50, id: 13
round 207, starting client 49/50, id: 93
round 207, starting client 50/50, id: 45
round 207, validation acc: 0.9701
starting round 208
clients: [ 1 96 90 57 79 67 38 70 92 95 37 34 75  5 15 86 14 83 50 21 71 45 85
60
 89 32 22  7 26 74 28 68 33 84  0  8 76 48 51 94 43 87 31  4 49  2 56 27
58 6]
round 208, starting client 1/50, id: 1
round 208, starting client 2/50, id: 96
round 208, starting client 3/50, id: 90
round 208, starting client 4/50, id: 57
round 208, starting client 5/50, id: 79
round 208, starting client 6/50, id: 67
round 208, starting client 7/50, id: 38

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round 208, starting client 8/50, id: 70
round 208, starting client 9/50, id: 92
round 208, starting client 10/50, id: 95
round 208, starting client 11/50, id: 37
round 208, starting client 12/50, id: 34
round 208, starting client 13/50, id: 75
round 208, starting client 14/50, id: 5
round 208, starting client 15/50, id: 15
round 208, starting client 16/50, id: 86
round 208, starting client 17/50, id: 14
round 208, starting client 18/50, id: 83
round 208, starting client 19/50, id: 50
round 208, starting client 20/50, id: 21
round 208, starting client 21/50, id: 71
round 208, starting client 22/50, id: 45
round 208, starting client 23/50, id: 85
round 208, starting client 24/50, id: 60
round 208, starting client 25/50, id: 89
round 208, starting client 26/50, id: 32
round 208, starting client 27/50, id: 22
round 208, starting client 28/50, id: 7
round 208, starting client 29/50, id: 26
round 208, starting client 30/50, id: 74
round 208, starting client 31/50, id: 28
round 208, starting client 32/50, id: 68
round 208, starting client 33/50, id: 33
round 208, starting client 34/50, id: 84
round 208, starting client 35/50, id: 0
round 208, starting client 36/50, id: 8
round 208, starting client 37/50, id: 76
round 208, starting client 38/50, id: 48
round 208, starting client 39/50, id: 51
round 208, starting client 40/50, id: 94
round 208, starting client 41/50, id: 43
round 208, starting client 42/50, id: 87
round 208, starting client 43/50, id: 31
round 208, starting client 44/50, id: 4
round 208, starting client 45/50, id: 49
round 208, starting client 46/50, id: 2
round 208, starting client 47/50, id: 56
round 208, starting client 48/50, id: 27
round 208, starting client 49/50, id: 58
round 208, starting client 50/50, id: 6
round 208, validation acc: 0.9692
starting round 209
clients: [ 2 89 36 56 60 42 5 90 82 40 58 32 33 69 55 94 97 71 70 72 86 66 0
91
1 50 77 31 51 26 96 12 64 18 63 48 3 9 7 17 81 61 30 35 25 68 45 95

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67 22]

round 209, starting client 1/50, id: 2
round 209, starting client 2/50, id: 89
round 209, starting client 3/50, id: 36
round 209, starting client 4/50, id: 56
round 209, starting client 5/50, id: 60
round 209, starting client 6/50, id: 42
round 209, starting client 7/50, id: 5
round 209, starting client 8/50, id: 90
round 209, starting client 9/50, id: 82
round 209, starting client 10/50, id: 40
round 209, starting client 11/50, id: 58
round 209, starting client 12/50, id: 32
round 209, starting client 13/50, id: 33
round 209, starting client 14/50, id: 69
round 209, starting client 15/50, id: 55
round 209, starting client 16/50, id: 94
round 209, starting client 17/50, id: 97
round 209, starting client 18/50, id: 71
round 209, starting client 19/50, id: 70
round 209, starting client 20/50, id: 72
round 209, starting client 21/50, id: 86
round 209, starting client 22/50, id: 66
round 209, starting client 23/50, id: 0
round 209, starting client 24/50, id: 91
round 209, starting client 25/50, id: 1
round 209, starting client 26/50, id: 50
round 209, starting client 27/50, id: 77
round 209, starting client 28/50, id: 31
round 209, starting client 29/50, id: 51
round 209, starting client 30/50, id: 26
round 209, starting client 31/50, id: 96
round 209, starting client 32/50, id: 12
round 209, starting client 33/50, id: 64
round 209, starting client 34/50, id: 18
round 209, starting client 35/50, id: 63
round 209, starting client 36/50, id: 48
round 209, starting client 37/50, id: 3
round 209, starting client 38/50, id: 9
round 209, starting client 39/50, id: 7
round 209, starting client 40/50, id: 17
round 209, starting client 41/50, id: 81
round 209, starting client 42/50, id: 61
round 209, starting client 43/50, id: 30
round 209, starting client 44/50, id: 35
round 209, starting client 45/50, id: 25
round 209, starting client 46/50, id: 68
round 209, starting client 47/50, id: 45

round 209, starting client 48/50, id: 95
 round 209, starting client 49/50, id: 67
 round 209, starting client 50/50, id: 22
 round 209, validation acc: 0.9712
 starting round 210
 clients: [97 99 95 10 5 88 78 16 14 64 60 49 79 93 69 24 77 58 34 96 52 4 56
 9
 47 27 84 61 89 23 94 40 3 43 63 74 50 76 75 11 12 73 70 71 6 66 20 15
 90 18]
 round 210, starting client 1/50, id: 97
 round 210, starting client 2/50, id: 99
 round 210, starting client 3/50, id: 95
 round 210, starting client 4/50, id: 10
 round 210, starting client 5/50, id: 5
 round 210, starting client 6/50, id: 88
 round 210, starting client 7/50, id: 78
 round 210, starting client 8/50, id: 16
 round 210, starting client 9/50, id: 14
 round 210, starting client 10/50, id: 64
 round 210, starting client 11/50, id: 60
 round 210, starting client 12/50, id: 49
 round 210, starting client 13/50, id: 79
 round 210, starting client 14/50, id: 93
 round 210, starting client 15/50, id: 69
 round 210, starting client 16/50, id: 24
 round 210, starting client 17/50, id: 77
 round 210, starting client 18/50, id: 58
 round 210, starting client 19/50, id: 34
 round 210, starting client 20/50, id: 96
 round 210, starting client 21/50, id: 52
 round 210, starting client 22/50, id: 4
 round 210, starting client 23/50, id: 56
 round 210, starting client 24/50, id: 9
 round 210, starting client 25/50, id: 47
 round 210, starting client 26/50, id: 27
 round 210, starting client 27/50, id: 84
 round 210, starting client 28/50, id: 61
 round 210, starting client 29/50, id: 89
 round 210, starting client 30/50, id: 23
 round 210, starting client 31/50, id: 94
 round 210, starting client 32/50, id: 40
 round 210, starting client 33/50, id: 3
 round 210, starting client 34/50, id: 43
 round 210, starting client 35/50, id: 63
 round 210, starting client 36/50, id: 74
 round 210, starting client 37/50, id: 50
 round 210, starting client 38/50, id: 76
 round 210, starting client 39/50, id: 75

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round 210, starting client 40/50, id: 11
round 210, starting client 41/50, id: 12
round 210, starting client 42/50, id: 73
round 210, starting client 43/50, id: 70
round 210, starting client 44/50, id: 71
round 210, starting client 45/50, id: 6
round 210, starting client 46/50, id: 66
round 210, starting client 47/50, id: 20
round 210, starting client 48/50, id: 15
round 210, starting client 49/50, id: 90
round 210, starting client 50/50, id: 18
round 210, validation acc: 0.9713
starting round 211
clients: [85 13 21 51 82 54 37 46 70 63 97 68 17 16 38 5 96 91 87 29 40 42 33
93
6 62 67 7 9 30 14 57 45 23 78 80 64 26 3 60 31 18 56 59 66 89 43 27
95 41]
round 211, starting client 1/50, id: 85
round 211, starting client 2/50, id: 13
round 211, starting client 3/50, id: 21
round 211, starting client 4/50, id: 51
round 211, starting client 5/50, id: 82
round 211, starting client 6/50, id: 54
round 211, starting client 7/50, id: 37
round 211, starting client 8/50, id: 46
round 211, starting client 9/50, id: 70
round 211, starting client 10/50, id: 63
round 211, starting client 11/50, id: 97
round 211, starting client 12/50, id: 68
round 211, starting client 13/50, id: 17
round 211, starting client 14/50, id: 16
round 211, starting client 15/50, id: 38
round 211, starting client 16/50, id: 5
round 211, starting client 17/50, id: 96
round 211, starting client 18/50, id: 91
round 211, starting client 19/50, id: 87
round 211, starting client 20/50, id: 29
round 211, starting client 21/50, id: 40
round 211, starting client 22/50, id: 42
round 211, starting client 23/50, id: 33
round 211, starting client 24/50, id: 93
round 211, starting client 25/50, id: 6
round 211, starting client 26/50, id: 62
round 211, starting client 27/50, id: 67
round 211, starting client 28/50, id: 7
round 211, starting client 29/50, id: 9
round 211, starting client 30/50, id: 30
round 211, starting client 31/50, id: 14

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round 211, starting client 32/50, id: 57
round 211, starting client 33/50, id: 45
round 211, starting client 34/50, id: 23
round 211, starting client 35/50, id: 78
round 211, starting client 36/50, id: 80
round 211, starting client 37/50, id: 64
round 211, starting client 38/50, id: 26
round 211, starting client 39/50, id: 3
round 211, starting client 40/50, id: 60
round 211, starting client 41/50, id: 31
round 211, starting client 42/50, id: 18
round 211, starting client 43/50, id: 56
round 211, starting client 44/50, id: 59
round 211, starting client 45/50, id: 66
round 211, starting client 46/50, id: 89
round 211, starting client 47/50, id: 43
round 211, starting client 48/50, id: 27
round 211, starting client 49/50, id: 95
round 211, starting client 50/50, id: 41
round 211, validation acc: 0.9708
starting round 212
clients: [97 98 95 86 26 22 41 88 9 23 6 50 60 33 24 80 72 42 61 67 46 3 53
83
29 59 35 68 7 45 38 4 96 90 85 81 12 64 18 10 58 40 52 70 1 57 44 30
13 5]
round 212, starting client 1/50, id: 97
round 212, starting client 2/50, id: 98
round 212, starting client 3/50, id: 95
round 212, starting client 4/50, id: 86
round 212, starting client 5/50, id: 26
round 212, starting client 6/50, id: 22
round 212, starting client 7/50, id: 41
round 212, starting client 8/50, id: 88
round 212, starting client 9/50, id: 9
round 212, starting client 10/50, id: 23
round 212, starting client 11/50, id: 6
round 212, starting client 12/50, id: 50
round 212, starting client 13/50, id: 60
round 212, starting client 14/50, id: 33
round 212, starting client 15/50, id: 24
round 212, starting client 16/50, id: 80
round 212, starting client 17/50, id: 72
round 212, starting client 18/50, id: 42
round 212, starting client 19/50, id: 61
round 212, starting client 20/50, id: 67
round 212, starting client 21/50, id: 46
round 212, starting client 22/50, id: 3
round 212, starting client 23/50, id: 53

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round 212, starting client 24/50, id: 83
round 212, starting client 25/50, id: 29
round 212, starting client 26/50, id: 59
round 212, starting client 27/50, id: 35
round 212, starting client 28/50, id: 68
round 212, starting client 29/50, id: 7
round 212, starting client 30/50, id: 45
round 212, starting client 31/50, id: 38
round 212, starting client 32/50, id: 4
round 212, starting client 33/50, id: 96
round 212, starting client 34/50, id: 90
round 212, starting client 35/50, id: 85
round 212, starting client 36/50, id: 81
round 212, starting client 37/50, id: 12
round 212, starting client 38/50, id: 64
round 212, starting client 39/50, id: 18
round 212, starting client 40/50, id: 10
round 212, starting client 41/50, id: 58
round 212, starting client 42/50, id: 40
round 212, starting client 43/50, id: 52
round 212, starting client 44/50, id: 70
round 212, starting client 45/50, id: 1
round 212, starting client 46/50, id: 57
round 212, starting client 47/50, id: 44
round 212, starting client 48/50, id: 30
round 212, starting client 49/50, id: 13
round 212, starting client 50/50, id: 5
round 212, validation acc: 0.9708
starting round 213
clients: [75 62 11 98 25 69 90 78 71 20 31 14 34 83 63 6 15 40 35 77 30 2 97
88
45 58 56 47 99 95 29 21 49 93 52 27 65 24 60 96 67 7 53 42 4 84 28 12
57 66]
round 213, starting client 1/50, id: 75
round 213, starting client 2/50, id: 62
round 213, starting client 3/50, id: 11
round 213, starting client 4/50, id: 98
round 213, starting client 5/50, id: 25
round 213, starting client 6/50, id: 69
round 213, starting client 7/50, id: 90
round 213, starting client 8/50, id: 78
round 213, starting client 9/50, id: 71
round 213, starting client 10/50, id: 20
round 213, starting client 11/50, id: 31
round 213, starting client 12/50, id: 14
round 213, starting client 13/50, id: 34
round 213, starting client 14/50, id: 83
round 213, starting client 15/50, id: 63

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round 213, starting client 16/50, id: 6
round 213, starting client 17/50, id: 15
round 213, starting client 18/50, id: 40
round 213, starting client 19/50, id: 35
round 213, starting client 20/50, id: 77
round 213, starting client 21/50, id: 30
round 213, starting client 22/50, id: 2
round 213, starting client 23/50, id: 97
round 213, starting client 24/50, id: 88
round 213, starting client 25/50, id: 45
round 213, starting client 26/50, id: 58
round 213, starting client 27/50, id: 56
round 213, starting client 28/50, id: 47
round 213, starting client 29/50, id: 99
round 213, starting client 30/50, id: 95
round 213, starting client 31/50, id: 29
round 213, starting client 32/50, id: 21
round 213, starting client 33/50, id: 49
round 213, starting client 34/50, id: 93
round 213, starting client 35/50, id: 52
round 213, starting client 36/50, id: 27
round 213, starting client 37/50, id: 65
round 213, starting client 38/50, id: 24
round 213, starting client 39/50, id: 60
round 213, starting client 40/50, id: 96
round 213, starting client 41/50, id: 67
round 213, starting client 42/50, id: 7
round 213, starting client 43/50, id: 53
round 213, starting client 44/50, id: 42
round 213, starting client 45/50, id: 4
round 213, starting client 46/50, id: 84
round 213, starting client 47/50, id: 28
round 213, starting client 48/50, id: 12
round 213, starting client 49/50, id: 57
round 213, starting client 50/50, id: 66
round 213, validation acc: 0.9704
starting round 214
clients: [26 79 89 21 67 33 31 52 85 71 69 34 0 63 23 66 9 78 95 56 2 87 43
99
14 81 73 84 18 83 8 60 51 27 55 77 44 38 17 90 11 61 59 86 57 42 46 5
62 92]
round 214, starting client 1/50, id: 26
round 214, starting client 2/50, id: 79
round 214, starting client 3/50, id: 89
round 214, starting client 4/50, id: 21
round 214, starting client 5/50, id: 67
round 214, starting client 6/50, id: 33
round 214, starting client 7/50, id: 31

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round 214, starting client 8/50, id: 52
round 214, starting client 9/50, id: 85
round 214, starting client 10/50, id: 71
round 214, starting client 11/50, id: 69
round 214, starting client 12/50, id: 34
round 214, starting client 13/50, id: 0
round 214, starting client 14/50, id: 63
round 214, starting client 15/50, id: 23
round 214, starting client 16/50, id: 66
round 214, starting client 17/50, id: 9
round 214, starting client 18/50, id: 78
round 214, starting client 19/50, id: 95
round 214, starting client 20/50, id: 56
round 214, starting client 21/50, id: 2
round 214, starting client 22/50, id: 87
round 214, starting client 23/50, id: 43
round 214, starting client 24/50, id: 99
round 214, starting client 25/50, id: 14
round 214, starting client 26/50, id: 81
round 214, starting client 27/50, id: 73
round 214, starting client 28/50, id: 84
round 214, starting client 29/50, id: 18
round 214, starting client 30/50, id: 83
round 214, starting client 31/50, id: 8
round 214, starting client 32/50, id: 60
round 214, starting client 33/50, id: 51
round 214, starting client 34/50, id: 27
round 214, starting client 35/50, id: 55
round 214, starting client 36/50, id: 77
round 214, starting client 37/50, id: 44
round 214, starting client 38/50, id: 38
round 214, starting client 39/50, id: 17
round 214, starting client 40/50, id: 90
round 214, starting client 41/50, id: 11
round 214, starting client 42/50, id: 61
round 214, starting client 43/50, id: 59
round 214, starting client 44/50, id: 86
round 214, starting client 45/50, id: 57
round 214, starting client 46/50, id: 42
round 214, starting client 47/50, id: 46
round 214, starting client 48/50, id: 5
round 214, starting client 49/50, id: 62
round 214, starting client 50/50, id: 92
round 214, validation acc: 0.9694
starting round 215
clients: [69 37 52 49 33 24 82  4 13 43 28 57 46 72 65 14 84 92 95  6 64 26 88
21
25 56 45 79  9  0 19 89  1 70 61 48 59 10 77 44 80 32 94 93 53 17 51 90

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62 39]

round 215, starting client 1/50, id: 69
round 215, starting client 2/50, id: 37
round 215, starting client 3/50, id: 52
round 215, starting client 4/50, id: 49
round 215, starting client 5/50, id: 33
round 215, starting client 6/50, id: 24
round 215, starting client 7/50, id: 82
round 215, starting client 8/50, id: 4
round 215, starting client 9/50, id: 13
round 215, starting client 10/50, id: 43
round 215, starting client 11/50, id: 28
round 215, starting client 12/50, id: 57
round 215, starting client 13/50, id: 46
round 215, starting client 14/50, id: 72
round 215, starting client 15/50, id: 65
round 215, starting client 16/50, id: 14
round 215, starting client 17/50, id: 84
round 215, starting client 18/50, id: 92
round 215, starting client 19/50, id: 95
round 215, starting client 20/50, id: 6
round 215, starting client 21/50, id: 64
round 215, starting client 22/50, id: 26
round 215, starting client 23/50, id: 88
round 215, starting client 24/50, id: 21
round 215, starting client 25/50, id: 25
round 215, starting client 26/50, id: 56
round 215, starting client 27/50, id: 45
round 215, starting client 28/50, id: 79
round 215, starting client 29/50, id: 9
round 215, starting client 30/50, id: 0
round 215, starting client 31/50, id: 19
round 215, starting client 32/50, id: 89
round 215, starting client 33/50, id: 1
round 215, starting client 34/50, id: 70
round 215, starting client 35/50, id: 61
round 215, starting client 36/50, id: 48
round 215, starting client 37/50, id: 59
round 215, starting client 38/50, id: 10
round 215, starting client 39/50, id: 77
round 215, starting client 40/50, id: 44
round 215, starting client 41/50, id: 80
round 215, starting client 42/50, id: 32
round 215, starting client 43/50, id: 94
round 215, starting client 44/50, id: 93
round 215, starting client 45/50, id: 53
round 215, starting client 46/50, id: 17
round 215, starting client 47/50, id: 51

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round 215, starting client 48/50, id: 90
round 215, starting client 49/50, id: 62
round 215, starting client 50/50, id: 39
round 215, validation acc: 0.9713
starting round 216
clients: [97 24 60 56 35 67 1 49 5 30 6 16 89 94 43 44 42 70 75 69 10 93 86
11
23 61 46 33 91 76 66 50 78 71 12 73 31 79 80 77 9 39 48 13 53 17 25 15
2 34]
round 216, starting client 1/50, id: 97
round 216, starting client 2/50, id: 24
round 216, starting client 3/50, id: 60
round 216, starting client 4/50, id: 56
round 216, starting client 5/50, id: 35
round 216, starting client 6/50, id: 67
round 216, starting client 7/50, id: 1
round 216, starting client 8/50, id: 49
round 216, starting client 9/50, id: 5
round 216, starting client 10/50, id: 30
round 216, starting client 11/50, id: 6
round 216, starting client 12/50, id: 16
round 216, starting client 13/50, id: 89
round 216, starting client 14/50, id: 94
round 216, starting client 15/50, id: 43
round 216, starting client 16/50, id: 44
round 216, starting client 17/50, id: 42
round 216, starting client 18/50, id: 70
round 216, starting client 19/50, id: 75
round 216, starting client 20/50, id: 69
round 216, starting client 21/50, id: 10
round 216, starting client 22/50, id: 93
round 216, starting client 23/50, id: 86
round 216, starting client 24/50, id: 11
round 216, starting client 25/50, id: 23
round 216, starting client 26/50, id: 61
round 216, starting client 27/50, id: 46
round 216, starting client 28/50, id: 33
round 216, starting client 29/50, id: 91
round 216, starting client 30/50, id: 76
round 216, starting client 31/50, id: 66
round 216, starting client 32/50, id: 50
round 216, starting client 33/50, id: 78
round 216, starting client 34/50, id: 71
round 216, starting client 35/50, id: 12
round 216, starting client 36/50, id: 73
round 216, starting client 37/50, id: 31
round 216, starting client 38/50, id: 79
round 216, starting client 39/50, id: 80

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round 216, starting client 40/50, id: 77
 round 216, starting client 41/50, id: 9
 round 216, starting client 42/50, id: 39
 round 216, starting client 43/50, id: 48
 round 216, starting client 44/50, id: 13
 round 216, starting client 45/50, id: 53
 round 216, starting client 46/50, id: 17
 round 216, starting client 47/50, id: 25
 round 216, starting client 48/50, id: 15
 round 216, starting client 49/50, id: 2
 round 216, starting client 50/50, id: 34
 round 216, validation acc: 0.971
 starting round 217
 clients: [99 38 8 42 96 13 50 35 11 93 25 18 51 26 90 2 6 60 53 61 12 70 64
 24
 75 28 87 3 79 44 81 16 48 40 22 55 97 78 73 74 37 7 65 63 85 41 69 4
 68 71]
 round 217, starting client 1/50, id: 99
 round 217, starting client 2/50, id: 38
 round 217, starting client 3/50, id: 8
 round 217, starting client 4/50, id: 42
 round 217, starting client 5/50, id: 96
 round 217, starting client 6/50, id: 13
 round 217, starting client 7/50, id: 50
 round 217, starting client 8/50, id: 35
 round 217, starting client 9/50, id: 11
 round 217, starting client 10/50, id: 93
 round 217, starting client 11/50, id: 25
 round 217, starting client 12/50, id: 18
 round 217, starting client 13/50, id: 51
 round 217, starting client 14/50, id: 26
 round 217, starting client 15/50, id: 90
 round 217, starting client 16/50, id: 2
 round 217, starting client 17/50, id: 6
 round 217, starting client 18/50, id: 60
 round 217, starting client 19/50, id: 53
 round 217, starting client 20/50, id: 61
 round 217, starting client 21/50, id: 12
 round 217, starting client 22/50, id: 70
 round 217, starting client 23/50, id: 64
 round 217, starting client 24/50, id: 24
 round 217, starting client 25/50, id: 75
 round 217, starting client 26/50, id: 28
 round 217, starting client 27/50, id: 87
 round 217, starting client 28/50, id: 3
 round 217, starting client 29/50, id: 79
 round 217, starting client 30/50, id: 44
 round 217, starting client 31/50, id: 81

round 217, starting client 32/50, id: 16
 round 217, starting client 33/50, id: 48
 round 217, starting client 34/50, id: 40
 round 217, starting client 35/50, id: 22
 round 217, starting client 36/50, id: 55
 round 217, starting client 37/50, id: 97
 round 217, starting client 38/50, id: 78
 round 217, starting client 39/50, id: 73
 round 217, starting client 40/50, id: 74
 round 217, starting client 41/50, id: 37
 round 217, starting client 42/50, id: 7
 round 217, starting client 43/50, id: 65
 round 217, starting client 44/50, id: 63
 round 217, starting client 45/50, id: 85
 round 217, starting client 46/50, id: 41
 round 217, starting client 47/50, id: 69
 round 217, starting client 48/50, id: 4
 round 217, starting client 49/50, id: 68
 round 217, starting client 50/50, id: 71
 round 217, validation acc: 0.9708
 starting round 218
 clients: [97 10 8 63 37 31 18 41 81 46 96 95 98 14 90 77 22 32 15 24 87 33 13
 3
 79 5 45 66 99 19 61 84 71 30 35 7 1 20 68 50 64 40 58 49 86 4 52 21
 44 67]
 round 218, starting client 1/50, id: 97
 round 218, starting client 2/50, id: 10
 round 218, starting client 3/50, id: 8
 round 218, starting client 4/50, id: 63
 round 218, starting client 5/50, id: 37
 round 218, starting client 6/50, id: 31
 round 218, starting client 7/50, id: 18
 round 218, starting client 8/50, id: 41
 round 218, starting client 9/50, id: 81
 round 218, starting client 10/50, id: 46
 round 218, starting client 11/50, id: 96
 round 218, starting client 12/50, id: 95
 round 218, starting client 13/50, id: 98
 round 218, starting client 14/50, id: 14
 round 218, starting client 15/50, id: 90
 round 218, starting client 16/50, id: 77
 round 218, starting client 17/50, id: 22
 round 218, starting client 18/50, id: 32
 round 218, starting client 19/50, id: 15
 round 218, starting client 20/50, id: 24
 round 218, starting client 21/50, id: 87
 round 218, starting client 22/50, id: 33
 round 218, starting client 23/50, id: 13

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round 218, starting client 24/50, id: 3
round 218, starting client 25/50, id: 79
round 218, starting client 26/50, id: 5
round 218, starting client 27/50, id: 45
round 218, starting client 28/50, id: 66
round 218, starting client 29/50, id: 99
round 218, starting client 30/50, id: 19
round 218, starting client 31/50, id: 61
round 218, starting client 32/50, id: 84
round 218, starting client 33/50, id: 71
round 218, starting client 34/50, id: 30
round 218, starting client 35/50, id: 35
round 218, starting client 36/50, id: 7
round 218, starting client 37/50, id: 1
round 218, starting client 38/50, id: 20
round 218, starting client 39/50, id: 68
round 218, starting client 40/50, id: 50
round 218, starting client 41/50, id: 64
round 218, starting client 42/50, id: 40
round 218, starting client 43/50, id: 58
round 218, starting client 44/50, id: 49
round 218, starting client 45/50, id: 86
round 218, starting client 46/50, id: 4
round 218, starting client 47/50, id: 52
round 218, starting client 48/50, id: 21
round 218, starting client 49/50, id: 44
round 218, starting client 50/50, id: 67
round 218, validation acc: 0.972
starting round 219
clients: [22 24 35 54 53 69 45 2 38 89 30 41 52 55 75 65 66 1 12 27 29 80 40
7
71 33 39 13 25 99 43 67 85 90 59 74 14 63 91 96 98 4 20 49 50 92 28 17
86 68]
round 219, starting client 1/50, id: 22
round 219, starting client 2/50, id: 24
round 219, starting client 3/50, id: 35
round 219, starting client 4/50, id: 54
round 219, starting client 5/50, id: 53
round 219, starting client 6/50, id: 69
round 219, starting client 7/50, id: 45
round 219, starting client 8/50, id: 2
round 219, starting client 9/50, id: 38
round 219, starting client 10/50, id: 89
round 219, starting client 11/50, id: 30
round 219, starting client 12/50, id: 41
round 219, starting client 13/50, id: 52
round 219, starting client 14/50, id: 55
round 219, starting client 15/50, id: 75

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round 219, starting client 16/50, id: 65
round 219, starting client 17/50, id: 66
round 219, starting client 18/50, id: 1
round 219, starting client 19/50, id: 12
round 219, starting client 20/50, id: 27
round 219, starting client 21/50, id: 29
round 219, starting client 22/50, id: 80
round 219, starting client 23/50, id: 40
round 219, starting client 24/50, id: 7
round 219, starting client 25/50, id: 71
round 219, starting client 26/50, id: 33
round 219, starting client 27/50, id: 39
round 219, starting client 28/50, id: 13
round 219, starting client 29/50, id: 25
round 219, starting client 30/50, id: 99
round 219, starting client 31/50, id: 43
round 219, starting client 32/50, id: 67
round 219, starting client 33/50, id: 85
round 219, starting client 34/50, id: 90
round 219, starting client 35/50, id: 59
round 219, starting client 36/50, id: 74
round 219, starting client 37/50, id: 14
round 219, starting client 38/50, id: 63
round 219, starting client 39/50, id: 91
round 219, starting client 40/50, id: 96
round 219, starting client 41/50, id: 98
round 219, starting client 42/50, id: 4
round 219, starting client 43/50, id: 20
round 219, starting client 44/50, id: 49
round 219, starting client 45/50, id: 50
round 219, starting client 46/50, id: 92
round 219, starting client 47/50, id: 28
round 219, starting client 48/50, id: 17
round 219, starting client 49/50, id: 86
round 219, starting client 50/50, id: 68
round 219, validation acc: 0.9706
starting round 220
clients: [28 80 11 87 24 31 52 1 36 48 30 35 59 22 53 7 89 49 33 76 26 86 67
99
25 17 79 12 60 43 63 64 97 9 55 93 45 62 20 85 98 4 18 81 44 94 69 13
96 10]
round 220, starting client 1/50, id: 28
round 220, starting client 2/50, id: 80
round 220, starting client 3/50, id: 11
round 220, starting client 4/50, id: 87
round 220, starting client 5/50, id: 24
round 220, starting client 6/50, id: 31
round 220, starting client 7/50, id: 52

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round 220, starting client 8/50, id: 1
round 220, starting client 9/50, id: 36
round 220, starting client 10/50, id: 48
round 220, starting client 11/50, id: 30
round 220, starting client 12/50, id: 35
round 220, starting client 13/50, id: 59
round 220, starting client 14/50, id: 22
round 220, starting client 15/50, id: 53
round 220, starting client 16/50, id: 7
round 220, starting client 17/50, id: 89
round 220, starting client 18/50, id: 49
round 220, starting client 19/50, id: 33
round 220, starting client 20/50, id: 76
round 220, starting client 21/50, id: 26
round 220, starting client 22/50, id: 86
round 220, starting client 23/50, id: 67
round 220, starting client 24/50, id: 99
round 220, starting client 25/50, id: 25
round 220, starting client 26/50, id: 17
round 220, starting client 27/50, id: 79
round 220, starting client 28/50, id: 12
round 220, starting client 29/50, id: 60
round 220, starting client 30/50, id: 43
round 220, starting client 31/50, id: 63
round 220, starting client 32/50, id: 64
round 220, starting client 33/50, id: 97
round 220, starting client 34/50, id: 9
round 220, starting client 35/50, id: 55
round 220, starting client 36/50, id: 93
round 220, starting client 37/50, id: 45
round 220, starting client 38/50, id: 62
round 220, starting client 39/50, id: 20
round 220, starting client 40/50, id: 85
round 220, starting client 41/50, id: 98
round 220, starting client 42/50, id: 4
round 220, starting client 43/50, id: 18
round 220, starting client 44/50, id: 81
round 220, starting client 45/50, id: 44
round 220, starting client 46/50, id: 94
round 220, starting client 47/50, id: 69
round 220, starting client 48/50, id: 13
round 220, starting client 49/50, id: 96
round 220, starting client 50/50, id: 10
round 220, validation acc: 0.9697
starting round 221
clients: [93 1 54 84 12 69 38 35 56 87 90 39 76 61 95 24 49 30 21 16 33 67 47
46
5 97 19 18 40 34 53 4 77 55 71 96 82 89 85 73 8 86 59 72 74 37 65 7

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20 70]

round 221, starting client 1/50, id: 93
round 221, starting client 2/50, id: 1
round 221, starting client 3/50, id: 54
round 221, starting client 4/50, id: 84
round 221, starting client 5/50, id: 12
round 221, starting client 6/50, id: 69
round 221, starting client 7/50, id: 38
round 221, starting client 8/50, id: 35
round 221, starting client 9/50, id: 56
round 221, starting client 10/50, id: 87
round 221, starting client 11/50, id: 90
round 221, starting client 12/50, id: 39
round 221, starting client 13/50, id: 76
round 221, starting client 14/50, id: 61
round 221, starting client 15/50, id: 95
round 221, starting client 16/50, id: 24
round 221, starting client 17/50, id: 49
round 221, starting client 18/50, id: 30
round 221, starting client 19/50, id: 21
round 221, starting client 20/50, id: 16
round 221, starting client 21/50, id: 33
round 221, starting client 22/50, id: 67
round 221, starting client 23/50, id: 47
round 221, starting client 24/50, id: 46
round 221, starting client 25/50, id: 5
round 221, starting client 26/50, id: 97
round 221, starting client 27/50, id: 19
round 221, starting client 28/50, id: 18
round 221, starting client 29/50, id: 40
round 221, starting client 30/50, id: 34
round 221, starting client 31/50, id: 53
round 221, starting client 32/50, id: 4
round 221, starting client 33/50, id: 77
round 221, starting client 34/50, id: 55
round 221, starting client 35/50, id: 71
round 221, starting client 36/50, id: 96
round 221, starting client 37/50, id: 82
round 221, starting client 38/50, id: 89
round 221, starting client 39/50, id: 85
round 221, starting client 40/50, id: 73
round 221, starting client 41/50, id: 8
round 221, starting client 42/50, id: 86
round 221, starting client 43/50, id: 59
round 221, starting client 44/50, id: 72
round 221, starting client 45/50, id: 74
round 221, starting client 46/50, id: 37
round 221, starting client 47/50, id: 65

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round 221, starting client 48/50, id: 7
round 221, starting client 49/50, id: 20
round 221, starting client 50/50, id: 70
round 221, validation acc: 0.9722
starting round 222
clients: [ 8 80 65 64 22 53  9 68 49  3 86 35 55 32  2 39 83 78 12 38 76 41 27
36
15 25 63 16 71 70 89 60 30 75 90 56 77 14 21 34 44 23  5 97 19 96 72 59
85 88]
round 222, starting client 1/50, id: 8
round 222, starting client 2/50, id: 80
round 222, starting client 3/50, id: 65
round 222, starting client 4/50, id: 64
round 222, starting client 5/50, id: 22
round 222, starting client 6/50, id: 53
round 222, starting client 7/50, id: 9
round 222, starting client 8/50, id: 68
round 222, starting client 9/50, id: 49
round 222, starting client 10/50, id: 3
round 222, starting client 11/50, id: 86
round 222, starting client 12/50, id: 35
round 222, starting client 13/50, id: 55
round 222, starting client 14/50, id: 32
round 222, starting client 15/50, id: 2
round 222, starting client 16/50, id: 39
round 222, starting client 17/50, id: 83
round 222, starting client 18/50, id: 78
round 222, starting client 19/50, id: 12
round 222, starting client 20/50, id: 38
round 222, starting client 21/50, id: 76
round 222, starting client 22/50, id: 41
round 222, starting client 23/50, id: 27
round 222, starting client 24/50, id: 36
round 222, starting client 25/50, id: 15
round 222, starting client 26/50, id: 25
round 222, starting client 27/50, id: 63
round 222, starting client 28/50, id: 16
round 222, starting client 29/50, id: 71
round 222, starting client 30/50, id: 70
round 222, starting client 31/50, id: 89
round 222, starting client 32/50, id: 60
round 222, starting client 33/50, id: 30
round 222, starting client 34/50, id: 75
round 222, starting client 35/50, id: 90
round 222, starting client 36/50, id: 56
round 222, starting client 37/50, id: 77
round 222, starting client 38/50, id: 14
round 222, starting client 39/50, id: 21

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round 222, starting client 40/50, id: 34
round 222, starting client 41/50, id: 44
round 222, starting client 42/50, id: 23
round 222, starting client 43/50, id: 5
round 222, starting client 44/50, id: 97
round 222, starting client 45/50, id: 19
round 222, starting client 46/50, id: 96
round 222, starting client 47/50, id: 72
round 222, starting client 48/50, id: 59
round 222, starting client 49/50, id: 85
round 222, starting client 50/50, id: 88
round 222, validation acc: 0.9717
starting round 223
clients: [17 91 6 51 77 60 99 98 88 19 25 70 72 32 50 95 34 28 39 45 29 90 11
35
73 82 13 37 61 89 57 67 55 5 27 58 0 74 10 36 8 78 14 62 79 80 1 96
63 9]
round 223, starting client 1/50, id: 17
round 223, starting client 2/50, id: 91
round 223, starting client 3/50, id: 6
round 223, starting client 4/50, id: 51
round 223, starting client 5/50, id: 77
round 223, starting client 6/50, id: 60
round 223, starting client 7/50, id: 99
round 223, starting client 8/50, id: 98
round 223, starting client 9/50, id: 88
round 223, starting client 10/50, id: 19
round 223, starting client 11/50, id: 25
round 223, starting client 12/50, id: 70
round 223, starting client 13/50, id: 72
round 223, starting client 14/50, id: 32
round 223, starting client 15/50, id: 50
round 223, starting client 16/50, id: 95
round 223, starting client 17/50, id: 34
round 223, starting client 18/50, id: 28
round 223, starting client 19/50, id: 39
round 223, starting client 20/50, id: 45
round 223, starting client 21/50, id: 29
round 223, starting client 22/50, id: 90
round 223, starting client 23/50, id: 11
round 223, starting client 24/50, id: 35
round 223, starting client 25/50, id: 73
round 223, starting client 26/50, id: 82
round 223, starting client 27/50, id: 13
round 223, starting client 28/50, id: 37
round 223, starting client 29/50, id: 61
round 223, starting client 30/50, id: 89
round 223, starting client 31/50, id: 57

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round 223, starting client 32/50, id: 67
round 223, starting client 33/50, id: 55
round 223, starting client 34/50, id: 5
round 223, starting client 35/50, id: 27
round 223, starting client 36/50, id: 58
round 223, starting client 37/50, id: 0
round 223, starting client 38/50, id: 74
round 223, starting client 39/50, id: 10
round 223, starting client 40/50, id: 36
round 223, starting client 41/50, id: 8
round 223, starting client 42/50, id: 78
round 223, starting client 43/50, id: 14
round 223, starting client 44/50, id: 62
round 223, starting client 45/50, id: 79
round 223, starting client 46/50, id: 80
round 223, starting client 47/50, id: 1
round 223, starting client 48/50, id: 96
round 223, starting client 49/50, id: 63
round 223, starting client 50/50, id: 9
round 223, validation acc: 0.9725
starting round 224
clients: [71 56 55 83 93 36 5 95 33 70 89 76 8 84 2 29 90 68 81 69 19 7 18
98
10 87 30 73 64 88 77 54 66 25 80 85 13 11 26 62 41 31 53 24 75 0 42 20
91 74]
round 224, starting client 1/50, id: 71
round 224, starting client 2/50, id: 56
round 224, starting client 3/50, id: 55
round 224, starting client 4/50, id: 83
round 224, starting client 5/50, id: 93
round 224, starting client 6/50, id: 36
round 224, starting client 7/50, id: 5
round 224, starting client 8/50, id: 95
round 224, starting client 9/50, id: 33
round 224, starting client 10/50, id: 70
round 224, starting client 11/50, id: 89
round 224, starting client 12/50, id: 76
round 224, starting client 13/50, id: 8
round 224, starting client 14/50, id: 84
round 224, starting client 15/50, id: 2
round 224, starting client 16/50, id: 29
round 224, starting client 17/50, id: 90
round 224, starting client 18/50, id: 68
round 224, starting client 19/50, id: 81
round 224, starting client 20/50, id: 69
round 224, starting client 21/50, id: 19
round 224, starting client 22/50, id: 7
round 224, starting client 23/50, id: 18

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round 224, starting client 24/50, id: 98
round 224, starting client 25/50, id: 10
round 224, starting client 26/50, id: 87
round 224, starting client 27/50, id: 30
round 224, starting client 28/50, id: 73
round 224, starting client 29/50, id: 64
round 224, starting client 30/50, id: 88
round 224, starting client 31/50, id: 77
round 224, starting client 32/50, id: 54
round 224, starting client 33/50, id: 66
round 224, starting client 34/50, id: 25
round 224, starting client 35/50, id: 80
round 224, starting client 36/50, id: 85
round 224, starting client 37/50, id: 13
round 224, starting client 38/50, id: 11
round 224, starting client 39/50, id: 26
round 224, starting client 40/50, id: 62
round 224, starting client 41/50, id: 41
round 224, starting client 42/50, id: 31
round 224, starting client 43/50, id: 53
round 224, starting client 44/50, id: 24
round 224, starting client 45/50, id: 75
round 224, starting client 46/50, id: 0
round 224, starting client 47/50, id: 42
round 224, starting client 48/50, id: 20
round 224, starting client 49/50, id: 91
round 224, starting client 50/50, id: 74
round 224, validation acc: 0.9726
starting round 225
clients: [39 51 21 93 94 89 62 1 32 11 40 18 35 4 27 16 24 44 85 72 87 8 65
99
81 33 50 70 97 41 43 15 20 13 10 64 47 26 3 29 53 2 14 22 88 31 5 34
56 66]
round 225, starting client 1/50, id: 39
round 225, starting client 2/50, id: 51
round 225, starting client 3/50, id: 21
round 225, starting client 4/50, id: 93
round 225, starting client 5/50, id: 94
round 225, starting client 6/50, id: 89
round 225, starting client 7/50, id: 62
round 225, starting client 8/50, id: 1
round 225, starting client 9/50, id: 32
round 225, starting client 10/50, id: 11
round 225, starting client 11/50, id: 40
round 225, starting client 12/50, id: 18
round 225, starting client 13/50, id: 35
round 225, starting client 14/50, id: 4
round 225, starting client 15/50, id: 27

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round 225, starting client 16/50, id: 16
round 225, starting client 17/50, id: 24
round 225, starting client 18/50, id: 44
round 225, starting client 19/50, id: 85
round 225, starting client 20/50, id: 72
round 225, starting client 21/50, id: 87
round 225, starting client 22/50, id: 8
round 225, starting client 23/50, id: 65
round 225, starting client 24/50, id: 99
round 225, starting client 25/50, id: 81
round 225, starting client 26/50, id: 33
round 225, starting client 27/50, id: 50
round 225, starting client 28/50, id: 70
round 225, starting client 29/50, id: 97
round 225, starting client 30/50, id: 41
round 225, starting client 31/50, id: 43
round 225, starting client 32/50, id: 15
round 225, starting client 33/50, id: 20
round 225, starting client 34/50, id: 13
round 225, starting client 35/50, id: 10
round 225, starting client 36/50, id: 64
round 225, starting client 37/50, id: 47
round 225, starting client 38/50, id: 26
round 225, starting client 39/50, id: 3
round 225, starting client 40/50, id: 29
round 225, starting client 41/50, id: 53
round 225, starting client 42/50, id: 2
round 225, starting client 43/50, id: 14
round 225, starting client 44/50, id: 22
round 225, starting client 45/50, id: 88
round 225, starting client 46/50, id: 31
round 225, starting client 47/50, id: 5
round 225, starting client 48/50, id: 34
round 225, starting client 49/50, id: 56
round 225, starting client 50/50, id: 66
round 225, validation acc: 0.9707
starting round 226
clients: [52 59 2 13 45 5 57 37 94 4 33 19 68 61 84 48 74 76 60 67 77 63 8
72
50 79 92 26 38 16 25 85 78 53 10 41 36 98 1 23 24 22 96 90 18 17 47 69
93 49]
round 226, starting client 1/50, id: 52
round 226, starting client 2/50, id: 59
round 226, starting client 3/50, id: 2
round 226, starting client 4/50, id: 13
round 226, starting client 5/50, id: 45
round 226, starting client 6/50, id: 5
round 226, starting client 7/50, id: 57

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round 226, starting client 8/50, id: 37
round 226, starting client 9/50, id: 94
round 226, starting client 10/50, id: 4
round 226, starting client 11/50, id: 33
round 226, starting client 12/50, id: 19
round 226, starting client 13/50, id: 68
round 226, starting client 14/50, id: 61
round 226, starting client 15/50, id: 84
round 226, starting client 16/50, id: 48
round 226, starting client 17/50, id: 74
round 226, starting client 18/50, id: 76
round 226, starting client 19/50, id: 60
round 226, starting client 20/50, id: 67
round 226, starting client 21/50, id: 77
round 226, starting client 22/50, id: 63
round 226, starting client 23/50, id: 8
round 226, starting client 24/50, id: 72
round 226, starting client 25/50, id: 50
round 226, starting client 26/50, id: 79
round 226, starting client 27/50, id: 92
round 226, starting client 28/50, id: 26
round 226, starting client 29/50, id: 38
round 226, starting client 30/50, id: 16
round 226, starting client 31/50, id: 25
round 226, starting client 32/50, id: 85
round 226, starting client 33/50, id: 78
round 226, starting client 34/50, id: 53
round 226, starting client 35/50, id: 10
round 226, starting client 36/50, id: 41
round 226, starting client 37/50, id: 36
round 226, starting client 38/50, id: 98
round 226, starting client 39/50, id: 1
round 226, starting client 40/50, id: 23
round 226, starting client 41/50, id: 24
round 226, starting client 42/50, id: 22
round 226, starting client 43/50, id: 96
round 226, starting client 44/50, id: 90
round 226, starting client 45/50, id: 18
round 226, starting client 46/50, id: 17
round 226, starting client 47/50, id: 47
round 226, starting client 48/50, id: 69
round 226, starting client 49/50, id: 93
round 226, starting client 50/50, id: 49
round 226, validation acc: 0.9721
starting round 227
clients: [85 27 23 47 16 86 97 26 24 45 41 42 17 75 65 2 38 71 43 67 11 68 58
92
4 98 44 70 95 7 80 73 50 91 48 93 12 8 39 60 20 36 13 61 25 6 35 62

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79 57]

round 227, starting client 1/50, id: 85
round 227, starting client 2/50, id: 27
round 227, starting client 3/50, id: 23
round 227, starting client 4/50, id: 47
round 227, starting client 5/50, id: 16
round 227, starting client 6/50, id: 86
round 227, starting client 7/50, id: 97
round 227, starting client 8/50, id: 26
round 227, starting client 9/50, id: 24
round 227, starting client 10/50, id: 45
round 227, starting client 11/50, id: 41
round 227, starting client 12/50, id: 42
round 227, starting client 13/50, id: 17
round 227, starting client 14/50, id: 75
round 227, starting client 15/50, id: 65
round 227, starting client 16/50, id: 2
round 227, starting client 17/50, id: 38
round 227, starting client 18/50, id: 71
round 227, starting client 19/50, id: 43
round 227, starting client 20/50, id: 67
round 227, starting client 21/50, id: 11
round 227, starting client 22/50, id: 68
round 227, starting client 23/50, id: 58
round 227, starting client 24/50, id: 92
round 227, starting client 25/50, id: 4
round 227, starting client 26/50, id: 98
round 227, starting client 27/50, id: 44
round 227, starting client 28/50, id: 70
round 227, starting client 29/50, id: 95
round 227, starting client 30/50, id: 7
round 227, starting client 31/50, id: 80
round 227, starting client 32/50, id: 73
round 227, starting client 33/50, id: 50
round 227, starting client 34/50, id: 91
round 227, starting client 35/50, id: 48
round 227, starting client 36/50, id: 93
round 227, starting client 37/50, id: 12
round 227, starting client 38/50, id: 8
round 227, starting client 39/50, id: 39
round 227, starting client 40/50, id: 60
round 227, starting client 41/50, id: 20
round 227, starting client 42/50, id: 36
round 227, starting client 43/50, id: 13
round 227, starting client 44/50, id: 61
round 227, starting client 45/50, id: 25
round 227, starting client 46/50, id: 6
round 227, starting client 47/50, id: 35

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round 227, starting client 48/50, id: 62
round 227, starting client 49/50, id: 79
round 227, starting client 50/50, id: 57
round 227, validation acc: 0.972
starting round 228
clients: [86 67 7 9 59 55 18 21 63 85 52 70 44 22 25 24 83 2 78 60 19 4 84
16
43 46 57 82 64 65 10 68 33 58 92 95 26 98 56 69 8 0 47 97 48 15 37 40
91 13]
round 228, starting client 1/50, id: 86
round 228, starting client 2/50, id: 67
round 228, starting client 3/50, id: 7
round 228, starting client 4/50, id: 9
round 228, starting client 5/50, id: 59
round 228, starting client 6/50, id: 55
round 228, starting client 7/50, id: 18
round 228, starting client 8/50, id: 21
round 228, starting client 9/50, id: 63
round 228, starting client 10/50, id: 85
round 228, starting client 11/50, id: 52
round 228, starting client 12/50, id: 70
round 228, starting client 13/50, id: 44
round 228, starting client 14/50, id: 22
round 228, starting client 15/50, id: 25
round 228, starting client 16/50, id: 24
round 228, starting client 17/50, id: 83
round 228, starting client 18/50, id: 2
round 228, starting client 19/50, id: 78
round 228, starting client 20/50, id: 60
round 228, starting client 21/50, id: 19
round 228, starting client 22/50, id: 4
round 228, starting client 23/50, id: 84
round 228, starting client 24/50, id: 16
round 228, starting client 25/50, id: 43
round 228, starting client 26/50, id: 46
round 228, starting client 27/50, id: 57
round 228, starting client 28/50, id: 82
round 228, starting client 29/50, id: 64
round 228, starting client 30/50, id: 65
round 228, starting client 31/50, id: 10
round 228, starting client 32/50, id: 68
round 228, starting client 33/50, id: 33
round 228, starting client 34/50, id: 58
round 228, starting client 35/50, id: 92
round 228, starting client 36/50, id: 95
round 228, starting client 37/50, id: 26
round 228, starting client 38/50, id: 98
round 228, starting client 39/50, id: 56

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round 228, starting client 40/50, id: 69
round 228, starting client 41/50, id: 8
round 228, starting client 42/50, id: 0
round 228, starting client 43/50, id: 47
round 228, starting client 44/50, id: 97
round 228, starting client 45/50, id: 48
round 228, starting client 46/50, id: 15
round 228, starting client 47/50, id: 37
round 228, starting client 48/50, id: 40
round 228, starting client 49/50, id: 91
round 228, starting client 50/50, id: 13
round 228, validation acc: 0.972
starting round 229
clients: [89 64 77 26 60 76 97 28 94 30  9 21 67 71 56 34 85 23 17 88 46 19 91
2
75 36 87 45 54 13 11 39 99 40 90 79 74 61 65 66 37 42 48 59 63 16 57 95
49 22]
round 229, starting client 1/50, id: 89
round 229, starting client 2/50, id: 64
round 229, starting client 3/50, id: 77
round 229, starting client 4/50, id: 26
round 229, starting client 5/50, id: 60
round 229, starting client 6/50, id: 76
round 229, starting client 7/50, id: 97
round 229, starting client 8/50, id: 28
round 229, starting client 9/50, id: 94
round 229, starting client 10/50, id: 30
round 229, starting client 11/50, id: 9
round 229, starting client 12/50, id: 21
round 229, starting client 13/50, id: 67
round 229, starting client 14/50, id: 71
round 229, starting client 15/50, id: 56
round 229, starting client 16/50, id: 34
round 229, starting client 17/50, id: 85
round 229, starting client 18/50, id: 23
round 229, starting client 19/50, id: 17
round 229, starting client 20/50, id: 88
round 229, starting client 21/50, id: 46
round 229, starting client 22/50, id: 19
round 229, starting client 23/50, id: 91
round 229, starting client 24/50, id: 2
round 229, starting client 25/50, id: 75
round 229, starting client 26/50, id: 36
round 229, starting client 27/50, id: 87
round 229, starting client 28/50, id: 45
round 229, starting client 29/50, id: 54
round 229, starting client 30/50, id: 13
round 229, starting client 31/50, id: 11

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round 229, starting client 32/50, id: 39
 round 229, starting client 33/50, id: 99
 round 229, starting client 34/50, id: 40
 round 229, starting client 35/50, id: 90
 round 229, starting client 36/50, id: 79
 round 229, starting client 37/50, id: 74
 round 229, starting client 38/50, id: 61
 round 229, starting client 39/50, id: 65
 round 229, starting client 40/50, id: 66
 round 229, starting client 41/50, id: 37
 round 229, starting client 42/50, id: 42
 round 229, starting client 43/50, id: 48
 round 229, starting client 44/50, id: 59
 round 229, starting client 45/50, id: 63
 round 229, starting client 46/50, id: 16
 round 229, starting client 47/50, id: 57
 round 229, starting client 48/50, id: 95
 round 229, starting client 49/50, id: 49
 round 229, starting client 50/50, id: 22
 round 229, validation acc: 0.9722
 starting round 230
 clients: [94 71 30 81 74 99 27 31 24 39 52 35 12 18 42 10 11 20 96 70 78 2 37
 29
 4 45 91 23 95 49 1 33 60 63 87 72 40 88 7 73 13 43 64 57 79 66 41 22
 9 90]
 round 230, starting client 1/50, id: 94
 round 230, starting client 2/50, id: 71
 round 230, starting client 3/50, id: 30
 round 230, starting client 4/50, id: 81
 round 230, starting client 5/50, id: 74
 round 230, starting client 6/50, id: 99
 round 230, starting client 7/50, id: 27
 round 230, starting client 8/50, id: 31
 round 230, starting client 9/50, id: 24
 round 230, starting client 10/50, id: 39
 round 230, starting client 11/50, id: 52
 round 230, starting client 12/50, id: 35
 round 230, starting client 13/50, id: 12
 round 230, starting client 14/50, id: 18
 round 230, starting client 15/50, id: 42
 round 230, starting client 16/50, id: 10
 round 230, starting client 17/50, id: 11
 round 230, starting client 18/50, id: 20
 round 230, starting client 19/50, id: 96
 round 230, starting client 20/50, id: 70
 round 230, starting client 21/50, id: 78
 round 230, starting client 22/50, id: 2
 round 230, starting client 23/50, id: 37

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round 230, starting client 24/50, id: 29
round 230, starting client 25/50, id: 4
round 230, starting client 26/50, id: 45
round 230, starting client 27/50, id: 91
round 230, starting client 28/50, id: 23
round 230, starting client 29/50, id: 95
round 230, starting client 30/50, id: 49
round 230, starting client 31/50, id: 1
round 230, starting client 32/50, id: 33
round 230, starting client 33/50, id: 60
round 230, starting client 34/50, id: 63
round 230, starting client 35/50, id: 87
round 230, starting client 36/50, id: 72
round 230, starting client 37/50, id: 40
round 230, starting client 38/50, id: 88
round 230, starting client 39/50, id: 7
round 230, starting client 40/50, id: 73
round 230, starting client 41/50, id: 13
round 230, starting client 42/50, id: 43
round 230, starting client 43/50, id: 64
round 230, starting client 44/50, id: 57
round 230, starting client 45/50, id: 79
round 230, starting client 46/50, id: 66
round 230, starting client 47/50, id: 41
round 230, starting client 48/50, id: 22
round 230, starting client 49/50, id: 9
round 230, starting client 50/50, id: 90
round 230, validation acc: 0.9716
starting round 231
clients: [26 6 8 78 76 38 32 55 91 43 77 85 79 39 11 4 80 13 17 75 1 57 44
34
54 37 67 89 83 46 81 16 9 41 2 61 48 22 33 40 5 52 31 74 36 42 62 12
29 69]
round 231, starting client 1/50, id: 26
round 231, starting client 2/50, id: 6
round 231, starting client 3/50, id: 8
round 231, starting client 4/50, id: 78
round 231, starting client 5/50, id: 76
round 231, starting client 6/50, id: 38
round 231, starting client 7/50, id: 32
round 231, starting client 8/50, id: 55
round 231, starting client 9/50, id: 91
round 231, starting client 10/50, id: 43
round 231, starting client 11/50, id: 77
round 231, starting client 12/50, id: 85
round 231, starting client 13/50, id: 79
round 231, starting client 14/50, id: 39
round 231, starting client 15/50, id: 11

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round 231, starting client 16/50, id: 4
round 231, starting client 17/50, id: 80
round 231, starting client 18/50, id: 13
round 231, starting client 19/50, id: 17
round 231, starting client 20/50, id: 75
round 231, starting client 21/50, id: 1
round 231, starting client 22/50, id: 57
round 231, starting client 23/50, id: 44
round 231, starting client 24/50, id: 34
round 231, starting client 25/50, id: 54
round 231, starting client 26/50, id: 37
round 231, starting client 27/50, id: 67
round 231, starting client 28/50, id: 89
round 231, starting client 29/50, id: 83
round 231, starting client 30/50, id: 46
round 231, starting client 31/50, id: 81
round 231, starting client 32/50, id: 16
round 231, starting client 33/50, id: 9
round 231, starting client 34/50, id: 41
round 231, starting client 35/50, id: 2
round 231, starting client 36/50, id: 61
round 231, starting client 37/50, id: 48
round 231, starting client 38/50, id: 22
round 231, starting client 39/50, id: 33
round 231, starting client 40/50, id: 40
round 231, starting client 41/50, id: 5
round 231, starting client 42/50, id: 52
round 231, starting client 43/50, id: 31
round 231, starting client 44/50, id: 74
round 231, starting client 45/50, id: 36
round 231, starting client 46/50, id: 42
round 231, starting client 47/50, id: 62
round 231, starting client 48/50, id: 12
round 231, starting client 49/50, id: 29
round 231, starting client 50/50, id: 69
round 231, validation acc: 0.9721
starting round 232
clients: [45 3 22 20 88 35 65 34 10 69 98 1 16 12 27 24 55 9 32 97 62 72 31
41
46 51 48 7 0 29 66 19 95 63 93 89 82 37 85 58 26 30 17 59 79 21 83 75
15 11]
round 232, starting client 1/50, id: 45
round 232, starting client 2/50, id: 3
round 232, starting client 3/50, id: 22
round 232, starting client 4/50, id: 20
round 232, starting client 5/50, id: 88
round 232, starting client 6/50, id: 35
round 232, starting client 7/50, id: 65

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round 232, starting client 8/50, id: 34
round 232, starting client 9/50, id: 10
round 232, starting client 10/50, id: 69
round 232, starting client 11/50, id: 98
round 232, starting client 12/50, id: 1
round 232, starting client 13/50, id: 16
round 232, starting client 14/50, id: 12
round 232, starting client 15/50, id: 27
round 232, starting client 16/50, id: 24
round 232, starting client 17/50, id: 55
round 232, starting client 18/50, id: 9
round 232, starting client 19/50, id: 32
round 232, starting client 20/50, id: 97
round 232, starting client 21/50, id: 62
round 232, starting client 22/50, id: 72
round 232, starting client 23/50, id: 31
round 232, starting client 24/50, id: 41
round 232, starting client 25/50, id: 46
round 232, starting client 26/50, id: 51
round 232, starting client 27/50, id: 48
round 232, starting client 28/50, id: 7
round 232, starting client 29/50, id: 0
round 232, starting client 30/50, id: 29
round 232, starting client 31/50, id: 66
round 232, starting client 32/50, id: 19
round 232, starting client 33/50, id: 95
round 232, starting client 34/50, id: 63
round 232, starting client 35/50, id: 93
round 232, starting client 36/50, id: 89
round 232, starting client 37/50, id: 82
round 232, starting client 38/50, id: 37
round 232, starting client 39/50, id: 85
round 232, starting client 40/50, id: 58
round 232, starting client 41/50, id: 26
round 232, starting client 42/50, id: 30
round 232, starting client 43/50, id: 17
round 232, starting client 44/50, id: 59
round 232, starting client 45/50, id: 79
round 232, starting client 46/50, id: 21
round 232, starting client 47/50, id: 83
round 232, starting client 48/50, id: 75
round 232, starting client 49/50, id: 15
round 232, starting client 50/50, id: 11
round 232, validation acc: 0.9727
starting round 233
clients: [54 83 47  3 77 19 61 14 56 42 71 53 95 46 75 25 28 78 87 66 32 34 17
36
59 96 22 37 13  2 29 12 93  5 21  4 70 58 84 10 33 62 38 41 27 74 51  1

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43 64]

round 233, starting client 1/50, id: 54
round 233, starting client 2/50, id: 83
round 233, starting client 3/50, id: 47
round 233, starting client 4/50, id: 3
round 233, starting client 5/50, id: 77
round 233, starting client 6/50, id: 19
round 233, starting client 7/50, id: 61
round 233, starting client 8/50, id: 14
round 233, starting client 9/50, id: 56
round 233, starting client 10/50, id: 42
round 233, starting client 11/50, id: 71
round 233, starting client 12/50, id: 53
round 233, starting client 13/50, id: 95
round 233, starting client 14/50, id: 46
round 233, starting client 15/50, id: 75
round 233, starting client 16/50, id: 25
round 233, starting client 17/50, id: 28
round 233, starting client 18/50, id: 78
round 233, starting client 19/50, id: 87
round 233, starting client 20/50, id: 66
round 233, starting client 21/50, id: 32
round 233, starting client 22/50, id: 34
round 233, starting client 23/50, id: 17
round 233, starting client 24/50, id: 36
round 233, starting client 25/50, id: 59
round 233, starting client 26/50, id: 96
round 233, starting client 27/50, id: 22
round 233, starting client 28/50, id: 37
round 233, starting client 29/50, id: 13
round 233, starting client 30/50, id: 2
round 233, starting client 31/50, id: 29
round 233, starting client 32/50, id: 12
round 233, starting client 33/50, id: 93
round 233, starting client 34/50, id: 5
round 233, starting client 35/50, id: 21
round 233, starting client 36/50, id: 4
round 233, starting client 37/50, id: 70
round 233, starting client 38/50, id: 58
round 233, starting client 39/50, id: 84
round 233, starting client 40/50, id: 10
round 233, starting client 41/50, id: 33
round 233, starting client 42/50, id: 62
round 233, starting client 43/50, id: 38
round 233, starting client 44/50, id: 41
round 233, starting client 45/50, id: 27
round 233, starting client 46/50, id: 74
round 233, starting client 47/50, id: 51

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round 233, starting client 48/50, id: 1
round 233, starting client 49/50, id: 43
round 233, starting client 50/50, id: 64
round 233, validation acc: 0.9711
starting round 234
clients: [32 36 64 90 72 42 37 60 43 14 81 49 26 41 46 82 78 84 23 91 94 65 63
57
98 38 69 1 74 24 21 97 34 56 15 89 75 5 66 55 86 12 10 53 96 59 16 92
44 85]
round 234, starting client 1/50, id: 32
round 234, starting client 2/50, id: 36
round 234, starting client 3/50, id: 64
round 234, starting client 4/50, id: 90
round 234, starting client 5/50, id: 72
round 234, starting client 6/50, id: 42
round 234, starting client 7/50, id: 37
round 234, starting client 8/50, id: 60
round 234, starting client 9/50, id: 43
round 234, starting client 10/50, id: 14
round 234, starting client 11/50, id: 81
round 234, starting client 12/50, id: 49
round 234, starting client 13/50, id: 26
round 234, starting client 14/50, id: 41
round 234, starting client 15/50, id: 46
round 234, starting client 16/50, id: 82
round 234, starting client 17/50, id: 78
round 234, starting client 18/50, id: 84
round 234, starting client 19/50, id: 23
round 234, starting client 20/50, id: 91
round 234, starting client 21/50, id: 94
round 234, starting client 22/50, id: 65
round 234, starting client 23/50, id: 63
round 234, starting client 24/50, id: 57
round 234, starting client 25/50, id: 98
round 234, starting client 26/50, id: 38
round 234, starting client 27/50, id: 69
round 234, starting client 28/50, id: 1
round 234, starting client 29/50, id: 74
round 234, starting client 30/50, id: 24
round 234, starting client 31/50, id: 21
round 234, starting client 32/50, id: 97
round 234, starting client 33/50, id: 34
round 234, starting client 34/50, id: 56
round 234, starting client 35/50, id: 15
round 234, starting client 36/50, id: 89
round 234, starting client 37/50, id: 75
round 234, starting client 38/50, id: 5
round 234, starting client 39/50, id: 66

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round 234, starting client 40/50, id: 55
round 234, starting client 41/50, id: 86
round 234, starting client 42/50, id: 12
round 234, starting client 43/50, id: 10
round 234, starting client 44/50, id: 53
round 234, starting client 45/50, id: 96
round 234, starting client 46/50, id: 59
round 234, starting client 47/50, id: 16
round 234, starting client 48/50, id: 92
round 234, starting client 49/50, id: 44
round 234, starting client 50/50, id: 85
round 234, validation acc: 0.9714
starting round 235
clients: [86 41 80 18 3 72 52 64 38 42 47 43 46 91 99 88 34 58 11 10 94 27 13
26
2 76 59 98 21 25 74 40 35 0 53 97 62 28 9 4 33 90 56 15 73 7 5 45
96 48]
round 235, starting client 1/50, id: 86
round 235, starting client 2/50, id: 41
round 235, starting client 3/50, id: 80
round 235, starting client 4/50, id: 18
round 235, starting client 5/50, id: 3
round 235, starting client 6/50, id: 72
round 235, starting client 7/50, id: 52
round 235, starting client 8/50, id: 64
round 235, starting client 9/50, id: 38
round 235, starting client 10/50, id: 42
round 235, starting client 11/50, id: 47
round 235, starting client 12/50, id: 43
round 235, starting client 13/50, id: 46
round 235, starting client 14/50, id: 91
round 235, starting client 15/50, id: 99
round 235, starting client 16/50, id: 88
round 235, starting client 17/50, id: 34
round 235, starting client 18/50, id: 58
round 235, starting client 19/50, id: 11
round 235, starting client 20/50, id: 10
round 235, starting client 21/50, id: 94
round 235, starting client 22/50, id: 27
round 235, starting client 23/50, id: 13
round 235, starting client 24/50, id: 26
round 235, starting client 25/50, id: 2
round 235, starting client 26/50, id: 76
round 235, starting client 27/50, id: 59
round 235, starting client 28/50, id: 98
round 235, starting client 29/50, id: 21
round 235, starting client 30/50, id: 25
round 235, starting client 31/50, id: 74

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round 235, starting client 32/50, id: 40
round 235, starting client 33/50, id: 35
round 235, starting client 34/50, id: 0
round 235, starting client 35/50, id: 53
round 235, starting client 36/50, id: 97
round 235, starting client 37/50, id: 62
round 235, starting client 38/50, id: 28
round 235, starting client 39/50, id: 9
round 235, starting client 40/50, id: 4
round 235, starting client 41/50, id: 33
round 235, starting client 42/50, id: 90
round 235, starting client 43/50, id: 56
round 235, starting client 44/50, id: 15
round 235, starting client 45/50, id: 73
round 235, starting client 46/50, id: 7
round 235, starting client 47/50, id: 5
round 235, starting client 48/50, id: 45
round 235, starting client 49/50, id: 96
round 235, starting client 50/50, id: 48
round 235, validation acc: 0.9726
starting round 236
clients: [92 91 14 43 94 69 86 89 21 77 29 81 95 62 76 0 3 45 54 75 71 18 53
57
39 47 10 27 42 96 16 31 98 79 26 78 24 84 48 46 20 32 87 28 2 90 93 50
36 37]
round 236, starting client 1/50, id: 92
round 236, starting client 2/50, id: 91
round 236, starting client 3/50, id: 14
round 236, starting client 4/50, id: 43
round 236, starting client 5/50, id: 94
round 236, starting client 6/50, id: 69
round 236, starting client 7/50, id: 86
round 236, starting client 8/50, id: 89
round 236, starting client 9/50, id: 21
round 236, starting client 10/50, id: 77
round 236, starting client 11/50, id: 29
round 236, starting client 12/50, id: 81
round 236, starting client 13/50, id: 95
round 236, starting client 14/50, id: 62
round 236, starting client 15/50, id: 76
round 236, starting client 16/50, id: 0
round 236, starting client 17/50, id: 3
round 236, starting client 18/50, id: 45
round 236, starting client 19/50, id: 54
round 236, starting client 20/50, id: 75
round 236, starting client 21/50, id: 71
round 236, starting client 22/50, id: 18
round 236, starting client 23/50, id: 53

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round 236, starting client 24/50, id: 57
round 236, starting client 25/50, id: 39
round 236, starting client 26/50, id: 47
round 236, starting client 27/50, id: 10
round 236, starting client 28/50, id: 27
round 236, starting client 29/50, id: 42
round 236, starting client 30/50, id: 96
round 236, starting client 31/50, id: 16
round 236, starting client 32/50, id: 31
round 236, starting client 33/50, id: 98
round 236, starting client 34/50, id: 79
round 236, starting client 35/50, id: 26
round 236, starting client 36/50, id: 78
round 236, starting client 37/50, id: 24
round 236, starting client 38/50, id: 84
round 236, starting client 39/50, id: 48
round 236, starting client 40/50, id: 46
round 236, starting client 41/50, id: 20
round 236, starting client 42/50, id: 32
round 236, starting client 43/50, id: 87
round 236, starting client 44/50, id: 28
round 236, starting client 45/50, id: 2
round 236, starting client 46/50, id: 90
round 236, starting client 47/50, id: 93
round 236, starting client 48/50, id: 50
round 236, starting client 49/50, id: 36
round 236, starting client 50/50, id: 37
round 236, validation acc: 0.9724
starting round 237
clients: [83 15 49 72 42 28 30 99 22 90 50 65 64 35 33 11 91 57 43 46 61 27 37
53
84 54 3 71 80 12 47 76 32 87 17 26 48 59 7 58 96 62 55 16 69 82 95 97
9 89]
round 237, starting client 1/50, id: 83
round 237, starting client 2/50, id: 15
round 237, starting client 3/50, id: 49
round 237, starting client 4/50, id: 72
round 237, starting client 5/50, id: 42
round 237, starting client 6/50, id: 28
round 237, starting client 7/50, id: 30
round 237, starting client 8/50, id: 99
round 237, starting client 9/50, id: 22
round 237, starting client 10/50, id: 90
round 237, starting client 11/50, id: 50
round 237, starting client 12/50, id: 65
round 237, starting client 13/50, id: 64
round 237, starting client 14/50, id: 35
round 237, starting client 15/50, id: 33

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round 237, starting client 16/50, id: 11
round 237, starting client 17/50, id: 91
round 237, starting client 18/50, id: 57
round 237, starting client 19/50, id: 43
round 237, starting client 20/50, id: 46
round 237, starting client 21/50, id: 61
round 237, starting client 22/50, id: 27
round 237, starting client 23/50, id: 37
round 237, starting client 24/50, id: 53
round 237, starting client 25/50, id: 84
round 237, starting client 26/50, id: 54
round 237, starting client 27/50, id: 3
round 237, starting client 28/50, id: 71
round 237, starting client 29/50, id: 80
round 237, starting client 30/50, id: 12
round 237, starting client 31/50, id: 47
round 237, starting client 32/50, id: 76
round 237, starting client 33/50, id: 32
round 237, starting client 34/50, id: 87
round 237, starting client 35/50, id: 17
round 237, starting client 36/50, id: 26
round 237, starting client 37/50, id: 48
round 237, starting client 38/50, id: 59
round 237, starting client 39/50, id: 7
round 237, starting client 40/50, id: 58
round 237, starting client 41/50, id: 96
round 237, starting client 42/50, id: 62
round 237, starting client 43/50, id: 55
round 237, starting client 44/50, id: 16
round 237, starting client 45/50, id: 69
round 237, starting client 46/50, id: 82
round 237, starting client 47/50, id: 95
round 237, starting client 48/50, id: 97
round 237, starting client 49/50, id: 9
round 237, starting client 50/50, id: 89
round 237, validation acc: 0.9724
starting round 238
clients: [47 53 24 73 49 2 9 21 38 90 32 40 59 13 88 57 18 5 1 19 62 37 30
60
93 46 99 54 50 58 51 83 52 12 74 28 48 76 7 84 68 31 34 27 15 11 67 55
44 82]
round 238, starting client 1/50, id: 47
round 238, starting client 2/50, id: 53
round 238, starting client 3/50, id: 24
round 238, starting client 4/50, id: 73
round 238, starting client 5/50, id: 49
round 238, starting client 6/50, id: 2
round 238, starting client 7/50, id: 9

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round 238, starting client 8/50, id: 21
round 238, starting client 9/50, id: 38
round 238, starting client 10/50, id: 90
round 238, starting client 11/50, id: 32
round 238, starting client 12/50, id: 40
round 238, starting client 13/50, id: 59
round 238, starting client 14/50, id: 13
round 238, starting client 15/50, id: 88
round 238, starting client 16/50, id: 57
round 238, starting client 17/50, id: 18
round 238, starting client 18/50, id: 5
round 238, starting client 19/50, id: 1
round 238, starting client 20/50, id: 19
round 238, starting client 21/50, id: 62
round 238, starting client 22/50, id: 37
round 238, starting client 23/50, id: 30
round 238, starting client 24/50, id: 60
round 238, starting client 25/50, id: 93
round 238, starting client 26/50, id: 46
round 238, starting client 27/50, id: 99
round 238, starting client 28/50, id: 54
round 238, starting client 29/50, id: 50
round 238, starting client 30/50, id: 58
round 238, starting client 31/50, id: 51
round 238, starting client 32/50, id: 83
round 238, starting client 33/50, id: 52
round 238, starting client 34/50, id: 12
round 238, starting client 35/50, id: 74
round 238, starting client 36/50, id: 28
round 238, starting client 37/50, id: 48
round 238, starting client 38/50, id: 76
round 238, starting client 39/50, id: 7
round 238, starting client 40/50, id: 84
round 238, starting client 41/50, id: 68
round 238, starting client 42/50, id: 31
round 238, starting client 43/50, id: 34
round 238, starting client 44/50, id: 27
round 238, starting client 45/50, id: 15
round 238, starting client 46/50, id: 11
round 238, starting client 47/50, id: 67
round 238, starting client 48/50, id: 55
round 238, starting client 49/50, id: 44
round 238, starting client 50/50, id: 82
round 238, validation acc: 0.9724
starting round 239
clients: [38 78 2 81 8 53 0 14 56 92 32 31 75 4 23 35 63 84 99 3 65 66 7
17
64 72 98 76 95 67 49 55 80 68 97 28 51 40 83 15 91 48 71 88 13 36 94 42

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58 27]

round 239, starting client 1/50, id: 38
round 239, starting client 2/50, id: 78
round 239, starting client 3/50, id: 2
round 239, starting client 4/50, id: 81
round 239, starting client 5/50, id: 8
round 239, starting client 6/50, id: 53
round 239, starting client 7/50, id: 0
round 239, starting client 8/50, id: 14
round 239, starting client 9/50, id: 56
round 239, starting client 10/50, id: 92
round 239, starting client 11/50, id: 32
round 239, starting client 12/50, id: 31
round 239, starting client 13/50, id: 75
round 239, starting client 14/50, id: 4
round 239, starting client 15/50, id: 23
round 239, starting client 16/50, id: 35
round 239, starting client 17/50, id: 63
round 239, starting client 18/50, id: 84
round 239, starting client 19/50, id: 99
round 239, starting client 20/50, id: 3
round 239, starting client 21/50, id: 65
round 239, starting client 22/50, id: 66
round 239, starting client 23/50, id: 7
round 239, starting client 24/50, id: 17
round 239, starting client 25/50, id: 64
round 239, starting client 26/50, id: 72
round 239, starting client 27/50, id: 98
round 239, starting client 28/50, id: 76
round 239, starting client 29/50, id: 95
round 239, starting client 30/50, id: 67
round 239, starting client 31/50, id: 49
round 239, starting client 32/50, id: 55
round 239, starting client 33/50, id: 80
round 239, starting client 34/50, id: 68
round 239, starting client 35/50, id: 97
round 239, starting client 36/50, id: 28
round 239, starting client 37/50, id: 51
round 239, starting client 38/50, id: 40
round 239, starting client 39/50, id: 83
round 239, starting client 40/50, id: 15
round 239, starting client 41/50, id: 91
round 239, starting client 42/50, id: 48
round 239, starting client 43/50, id: 71
round 239, starting client 44/50, id: 88
round 239, starting client 45/50, id: 13
round 239, starting client 46/50, id: 36
round 239, starting client 47/50, id: 94


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round 239, starting client 48/50, id: 42
round 239, starting client 49/50, id: 58
round 239, starting client 50/50, id: 27
round 239, validation acc: 0.9724
starting round 240
clients: [90 15 83  5  8 36 62 20 87 45 35 23  1 29 26 17 97 31 47 60 27 91 49
77
 34 76 16  9 50  7 33 53 75 92 85 65  6 11 59 67 38 70 78 13 18 55 57 30
28 22]
round 240, starting client 1/50, id: 90
round 240, starting client 2/50, id: 15
round 240, starting client 3/50, id: 83
round 240, starting client 4/50, id: 5
round 240, starting client 5/50, id: 8
round 240, starting client 6/50, id: 36
round 240, starting client 7/50, id: 62
round 240, starting client 8/50, id: 20
round 240, starting client 9/50, id: 87
round 240, starting client 10/50, id: 45
round 240, starting client 11/50, id: 35
round 240, starting client 12/50, id: 23
round 240, starting client 13/50, id: 1
round 240, starting client 14/50, id: 29
round 240, starting client 15/50, id: 26
round 240, starting client 16/50, id: 17
round 240, starting client 17/50, id: 97
round 240, starting client 18/50, id: 31
round 240, starting client 19/50, id: 47
round 240, starting client 20/50, id: 60
round 240, starting client 21/50, id: 27
round 240, starting client 22/50, id: 91
round 240, starting client 23/50, id: 49
round 240, starting client 24/50, id: 77
round 240, starting client 25/50, id: 34
round 240, starting client 26/50, id: 76
round 240, starting client 27/50, id: 16
round 240, starting client 28/50, id: 9
round 240, starting client 29/50, id: 50
round 240, starting client 30/50, id: 7
round 240, starting client 31/50, id: 33
round 240, starting client 32/50, id: 53
round 240, starting client 33/50, id: 75
round 240, starting client 34/50, id: 92
round 240, starting client 35/50, id: 85
round 240, starting client 36/50, id: 65
round 240, starting client 37/50, id: 6
round 240, starting client 38/50, id: 11
round 240, starting client 39/50, id: 59

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round 240, starting client 40/50, id: 67
round 240, starting client 41/50, id: 38
round 240, starting client 42/50, id: 70
round 240, starting client 43/50, id: 78
round 240, starting client 44/50, id: 13
round 240, starting client 45/50, id: 18
round 240, starting client 46/50, id: 55
round 240, starting client 47/50, id: 57
round 240, starting client 48/50, id: 30
round 240, starting client 49/50, id: 28
round 240, starting client 50/50, id: 22
round 240, validation acc: 0.972
starting round 241
clients: [ 6 18 73 81 87 36  7 13 17 82 72 90 15 64 27 88  9 37 45 80 93 77 20
49
 96 66 71 74 79 40 46 29 43  5 35 48 86 75 89 56 57  3 92 52 67 59 99 95
28 22]
round 241, starting client 1/50, id: 6
round 241, starting client 2/50, id: 18
round 241, starting client 3/50, id: 73
round 241, starting client 4/50, id: 81
round 241, starting client 5/50, id: 87
round 241, starting client 6/50, id: 36
round 241, starting client 7/50, id: 7
round 241, starting client 8/50, id: 13
round 241, starting client 9/50, id: 17
round 241, starting client 10/50, id: 82
round 241, starting client 11/50, id: 72
round 241, starting client 12/50, id: 90
round 241, starting client 13/50, id: 15
round 241, starting client 14/50, id: 64
round 241, starting client 15/50, id: 27
round 241, starting client 16/50, id: 88
round 241, starting client 17/50, id: 9
round 241, starting client 18/50, id: 37
round 241, starting client 19/50, id: 45
round 241, starting client 20/50, id: 80
round 241, starting client 21/50, id: 93
round 241, starting client 22/50, id: 77
round 241, starting client 23/50, id: 20
round 241, starting client 24/50, id: 49
round 241, starting client 25/50, id: 96
round 241, starting client 26/50, id: 66
round 241, starting client 27/50, id: 71
round 241, starting client 28/50, id: 74
round 241, starting client 29/50, id: 79
round 241, starting client 30/50, id: 40
round 241, starting client 31/50, id: 46

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round 241, starting client 32/50, id: 29
round 241, starting client 33/50, id: 43
round 241, starting client 34/50, id: 5
round 241, starting client 35/50, id: 35
round 241, starting client 36/50, id: 48
round 241, starting client 37/50, id: 86
round 241, starting client 38/50, id: 75
round 241, starting client 39/50, id: 89
round 241, starting client 40/50, id: 56
round 241, starting client 41/50, id: 57
round 241, starting client 42/50, id: 3
round 241, starting client 43/50, id: 92
round 241, starting client 44/50, id: 52
round 241, starting client 45/50, id: 67
round 241, starting client 46/50, id: 59
round 241, starting client 47/50, id: 99
round 241, starting client 48/50, id: 95
round 241, starting client 49/50, id: 28
round 241, starting client 50/50, id: 22
round 241, validation acc: 0.9703
starting round 242
clients: [24 50 19 8 25 75 35 70 34 91 52 23 99 72 14 54 87 76 31 36 38 64 16
63
49 13 66 56 6 44 60 57 67 79 2 95 82 17 7 88 29 41 30 43 77 22 73 9
18 74]
round 242, starting client 1/50, id: 24
round 242, starting client 2/50, id: 50
round 242, starting client 3/50, id: 19
round 242, starting client 4/50, id: 8
round 242, starting client 5/50, id: 25
round 242, starting client 6/50, id: 75
round 242, starting client 7/50, id: 35
round 242, starting client 8/50, id: 70
round 242, starting client 9/50, id: 34
round 242, starting client 10/50, id: 91
round 242, starting client 11/50, id: 52
round 242, starting client 12/50, id: 23
round 242, starting client 13/50, id: 99
round 242, starting client 14/50, id: 72
round 242, starting client 15/50, id: 14
round 242, starting client 16/50, id: 54
round 242, starting client 17/50, id: 87
round 242, starting client 18/50, id: 76
round 242, starting client 19/50, id: 31
round 242, starting client 20/50, id: 36
round 242, starting client 21/50, id: 38
round 242, starting client 22/50, id: 64
round 242, starting client 23/50, id: 16

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round 242, starting client 24/50, id: 63
round 242, starting client 25/50, id: 49
round 242, starting client 26/50, id: 13
round 242, starting client 27/50, id: 66
round 242, starting client 28/50, id: 56
round 242, starting client 29/50, id: 6
round 242, starting client 30/50, id: 44
round 242, starting client 31/50, id: 60
round 242, starting client 32/50, id: 57
round 242, starting client 33/50, id: 67
round 242, starting client 34/50, id: 79
round 242, starting client 35/50, id: 2
round 242, starting client 36/50, id: 95
round 242, starting client 37/50, id: 82
round 242, starting client 38/50, id: 17
round 242, starting client 39/50, id: 7
round 242, starting client 40/50, id: 88
round 242, starting client 41/50, id: 29
round 242, starting client 42/50, id: 41
round 242, starting client 43/50, id: 30
round 242, starting client 44/50, id: 43
round 242, starting client 45/50, id: 77
round 242, starting client 46/50, id: 22
round 242, starting client 47/50, id: 73
round 242, starting client 48/50, id: 9
round 242, starting client 49/50, id: 18
round 242, starting client 50/50, id: 74
round 242, validation acc: 0.9703
starting round 243
clients: [52 49 55 26 14 67 12 75 97 78 8 73 77 95 47 79 39 83 43 48 25 22 61
92
64 57 89 33 20 76 27 32 70 82 6 19 18 2 45 11 56 54 68 88 46 81 13 65
16 38]
round 243, starting client 1/50, id: 52
round 243, starting client 2/50, id: 49
round 243, starting client 3/50, id: 55
round 243, starting client 4/50, id: 26
round 243, starting client 5/50, id: 14
round 243, starting client 6/50, id: 67
round 243, starting client 7/50, id: 12
round 243, starting client 8/50, id: 75
round 243, starting client 9/50, id: 97
round 243, starting client 10/50, id: 78
round 243, starting client 11/50, id: 8
round 243, starting client 12/50, id: 73
round 243, starting client 13/50, id: 77
round 243, starting client 14/50, id: 95
round 243, starting client 15/50, id: 47

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round 243, starting client 16/50, id: 79
round 243, starting client 17/50, id: 39
round 243, starting client 18/50, id: 83
round 243, starting client 19/50, id: 43
round 243, starting client 20/50, id: 48
round 243, starting client 21/50, id: 25
round 243, starting client 22/50, id: 22
round 243, starting client 23/50, id: 61
round 243, starting client 24/50, id: 92
round 243, starting client 25/50, id: 64
round 243, starting client 26/50, id: 57
round 243, starting client 27/50, id: 89
round 243, starting client 28/50, id: 33
round 243, starting client 29/50, id: 20
round 243, starting client 30/50, id: 76
round 243, starting client 31/50, id: 27
round 243, starting client 32/50, id: 32
round 243, starting client 33/50, id: 70
round 243, starting client 34/50, id: 82
round 243, starting client 35/50, id: 6
round 243, starting client 36/50, id: 19
round 243, starting client 37/50, id: 18
round 243, starting client 38/50, id: 2
round 243, starting client 39/50, id: 45
round 243, starting client 40/50, id: 11
round 243, starting client 41/50, id: 56
round 243, starting client 42/50, id: 54
round 243, starting client 43/50, id: 68
round 243, starting client 44/50, id: 88
round 243, starting client 45/50, id: 46
round 243, starting client 46/50, id: 81
round 243, starting client 47/50, id: 13
round 243, starting client 48/50, id: 65
round 243, starting client 49/50, id: 16
round 243, starting client 50/50, id: 38
round 243, validation acc: 0.9722
starting round 244
clients: [83 20 2 86 61 68 17 12 69 98 28 45 34 41 74 8 79 73 60 63 80 30 32
13
97 82 27 77 67 5 58 47 59 44 31 56 33 21 1 65 9 36 23 4 95 93 53 38
39 18]
round 244, starting client 1/50, id: 83
round 244, starting client 2/50, id: 20
round 244, starting client 3/50, id: 2
round 244, starting client 4/50, id: 86
round 244, starting client 5/50, id: 61
round 244, starting client 6/50, id: 68
round 244, starting client 7/50, id: 17

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round 244, starting client 8/50, id: 12
round 244, starting client 9/50, id: 69
round 244, starting client 10/50, id: 98
round 244, starting client 11/50, id: 28
round 244, starting client 12/50, id: 45
round 244, starting client 13/50, id: 34
round 244, starting client 14/50, id: 41
round 244, starting client 15/50, id: 74
round 244, starting client 16/50, id: 8
round 244, starting client 17/50, id: 79
round 244, starting client 18/50, id: 73
round 244, starting client 19/50, id: 60
round 244, starting client 20/50, id: 63
round 244, starting client 21/50, id: 80
round 244, starting client 22/50, id: 30
round 244, starting client 23/50, id: 32
round 244, starting client 24/50, id: 13
round 244, starting client 25/50, id: 97
round 244, starting client 26/50, id: 82
round 244, starting client 27/50, id: 27
round 244, starting client 28/50, id: 77
round 244, starting client 29/50, id: 67
round 244, starting client 30/50, id: 5
round 244, starting client 31/50, id: 58
round 244, starting client 32/50, id: 47
round 244, starting client 33/50, id: 59
round 244, starting client 34/50, id: 44
round 244, starting client 35/50, id: 31
round 244, starting client 36/50, id: 56
round 244, starting client 37/50, id: 33
round 244, starting client 38/50, id: 21
round 244, starting client 39/50, id: 1
round 244, starting client 40/50, id: 65
round 244, starting client 41/50, id: 9
round 244, starting client 42/50, id: 36
round 244, starting client 43/50, id: 23
round 244, starting client 44/50, id: 4
round 244, starting client 45/50, id: 95
round 244, starting client 46/50, id: 93
round 244, starting client 47/50, id: 53
round 244, starting client 48/50, id: 38
round 244, starting client 49/50, id: 39
round 244, starting client 50/50, id: 18
round 244, validation acc: 0.9729
starting round 245
clients: [51 71 22 31 74 13 38 86 39 11 58 46 92 78 72 36 82 48 69 65 9 66 52
18
1 27 30 3 40 79 35 24 4 89 6 49 16 73 98 43 60 90 14 19 77 87 50 37

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20 34]

round 245, starting client 1/50, id: 51
round 245, starting client 2/50, id: 71
round 245, starting client 3/50, id: 22
round 245, starting client 4/50, id: 31
round 245, starting client 5/50, id: 74
round 245, starting client 6/50, id: 13
round 245, starting client 7/50, id: 38
round 245, starting client 8/50, id: 86
round 245, starting client 9/50, id: 39
round 245, starting client 10/50, id: 11
round 245, starting client 11/50, id: 58
round 245, starting client 12/50, id: 46
round 245, starting client 13/50, id: 92
round 245, starting client 14/50, id: 78
round 245, starting client 15/50, id: 72
round 245, starting client 16/50, id: 36
round 245, starting client 17/50, id: 82
round 245, starting client 18/50, id: 48
round 245, starting client 19/50, id: 69
round 245, starting client 20/50, id: 65
round 245, starting client 21/50, id: 9
round 245, starting client 22/50, id: 66
round 245, starting client 23/50, id: 52
round 245, starting client 24/50, id: 18
round 245, starting client 25/50, id: 1
round 245, starting client 26/50, id: 27
round 245, starting client 27/50, id: 30
round 245, starting client 28/50, id: 3
round 245, starting client 29/50, id: 40
round 245, starting client 30/50, id: 79
round 245, starting client 31/50, id: 35
round 245, starting client 32/50, id: 24
round 245, starting client 33/50, id: 4
round 245, starting client 34/50, id: 89
round 245, starting client 35/50, id: 6
round 245, starting client 36/50, id: 49
round 245, starting client 37/50, id: 16
round 245, starting client 38/50, id: 73
round 245, starting client 39/50, id: 98
round 245, starting client 40/50, id: 43
round 245, starting client 41/50, id: 60
round 245, starting client 42/50, id: 90
round 245, starting client 43/50, id: 14
round 245, starting client 44/50, id: 19
round 245, starting client 45/50, id: 77
round 245, starting client 46/50, id: 87
round 245, starting client 47/50, id: 50

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round 245, starting client 48/50, id: 37
round 245, starting client 49/50, id: 20
round 245, starting client 50/50, id: 34
round 245, validation acc: 0.9739
starting round 246
clients: [27  5 78 65 29 45 40 15 49 21 99 35  7 67 10  8  1  4 68 82 14 48 59
24
 66 53 90 61 39 71 38 11 60 25 95 19 28 13 74 16 33 47 72 84 83 46 22 69
57 37]
round 246, starting client 1/50, id: 27
round 246, starting client 2/50, id: 5
round 246, starting client 3/50, id: 78
round 246, starting client 4/50, id: 65
round 246, starting client 5/50, id: 29
round 246, starting client 6/50, id: 45
round 246, starting client 7/50, id: 40
round 246, starting client 8/50, id: 15
round 246, starting client 9/50, id: 49
round 246, starting client 10/50, id: 21
round 246, starting client 11/50, id: 99
round 246, starting client 12/50, id: 35
round 246, starting client 13/50, id: 7
round 246, starting client 14/50, id: 67
round 246, starting client 15/50, id: 10
round 246, starting client 16/50, id: 8
round 246, starting client 17/50, id: 1
round 246, starting client 18/50, id: 4
round 246, starting client 19/50, id: 68
round 246, starting client 20/50, id: 82
round 246, starting client 21/50, id: 14
round 246, starting client 22/50, id: 48
round 246, starting client 23/50, id: 59
round 246, starting client 24/50, id: 24
round 246, starting client 25/50, id: 66
round 246, starting client 26/50, id: 53
round 246, starting client 27/50, id: 90
round 246, starting client 28/50, id: 61
round 246, starting client 29/50, id: 39
round 246, starting client 30/50, id: 71
round 246, starting client 31/50, id: 38
round 246, starting client 32/50, id: 11
round 246, starting client 33/50, id: 60
round 246, starting client 34/50, id: 25
round 246, starting client 35/50, id: 95
round 246, starting client 36/50, id: 19
round 246, starting client 37/50, id: 28
round 246, starting client 38/50, id: 13
round 246, starting client 39/50, id: 74

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round 246, starting client 40/50, id: 16
round 246, starting client 41/50, id: 33
round 246, starting client 42/50, id: 47
round 246, starting client 43/50, id: 72
round 246, starting client 44/50, id: 84
round 246, starting client 45/50, id: 83
round 246, starting client 46/50, id: 46
round 246, starting client 47/50, id: 22
round 246, starting client 48/50, id: 69
round 246, starting client 49/50, id: 57
round 246, starting client 50/50, id: 37
round 246, validation acc: 0.974
starting round 247
clients: [49 79 92 87 82 13 73 98 26 85 1 17 88 11 35 95 33 3 94 80 90 48 23
91
72 27 18 57 4 76 8 55 56 46 21 84 71 12 54 7 68 64 86 39 22 75 58 83
0 16]
round 247, starting client 1/50, id: 49
round 247, starting client 2/50, id: 79
round 247, starting client 3/50, id: 92
round 247, starting client 4/50, id: 87
round 247, starting client 5/50, id: 82
round 247, starting client 6/50, id: 13
round 247, starting client 7/50, id: 73
round 247, starting client 8/50, id: 98
round 247, starting client 9/50, id: 26
round 247, starting client 10/50, id: 85
round 247, starting client 11/50, id: 1
round 247, starting client 12/50, id: 17
round 247, starting client 13/50, id: 88
round 247, starting client 14/50, id: 11
round 247, starting client 15/50, id: 35
round 247, starting client 16/50, id: 95
round 247, starting client 17/50, id: 33
round 247, starting client 18/50, id: 3
round 247, starting client 19/50, id: 94
round 247, starting client 20/50, id: 80
round 247, starting client 21/50, id: 90
round 247, starting client 22/50, id: 48
round 247, starting client 23/50, id: 23
round 247, starting client 24/50, id: 91
round 247, starting client 25/50, id: 72
round 247, starting client 26/50, id: 27
round 247, starting client 27/50, id: 18
round 247, starting client 28/50, id: 57
round 247, starting client 29/50, id: 4
round 247, starting client 30/50, id: 76
round 247, starting client 31/50, id: 8

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round 247, starting client 32/50, id: 55
round 247, starting client 33/50, id: 56
round 247, starting client 34/50, id: 46
round 247, starting client 35/50, id: 21
round 247, starting client 36/50, id: 84
round 247, starting client 37/50, id: 71
round 247, starting client 38/50, id: 12
round 247, starting client 39/50, id: 54
round 247, starting client 40/50, id: 7
round 247, starting client 41/50, id: 68
round 247, starting client 42/50, id: 64
round 247, starting client 43/50, id: 86
round 247, starting client 44/50, id: 39
round 247, starting client 45/50, id: 22
round 247, starting client 46/50, id: 75
round 247, starting client 47/50, id: 58
round 247, starting client 48/50, id: 83
round 247, starting client 49/50, id: 0
round 247, starting client 50/50, id: 16
round 247, validation acc: 0.9743
starting round 248
clients: [68 89 20  8 34 77 80 31 14 32 86 63  0 42 67 98 64 33 78 72 47 48 17
24
 44 49 26 41 25 38 65 11 12 43 99  1 54 88 59 10 75 16 28 21 51 91 40 57
27 74]
round 248, starting client 1/50, id: 68
round 248, starting client 2/50, id: 89
round 248, starting client 3/50, id: 20
round 248, starting client 4/50, id: 8
round 248, starting client 5/50, id: 34
round 248, starting client 6/50, id: 77
round 248, starting client 7/50, id: 80
round 248, starting client 8/50, id: 31
round 248, starting client 9/50, id: 14
round 248, starting client 10/50, id: 32
round 248, starting client 11/50, id: 86
round 248, starting client 12/50, id: 63
round 248, starting client 13/50, id: 0
round 248, starting client 14/50, id: 42
round 248, starting client 15/50, id: 67
round 248, starting client 16/50, id: 98
round 248, starting client 17/50, id: 64
round 248, starting client 18/50, id: 33
round 248, starting client 19/50, id: 78
round 248, starting client 20/50, id: 72
round 248, starting client 21/50, id: 47
round 248, starting client 22/50, id: 48
round 248, starting client 23/50, id: 17

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round 248, starting client 24/50, id: 24
round 248, starting client 25/50, id: 44
round 248, starting client 26/50, id: 49
round 248, starting client 27/50, id: 26
round 248, starting client 28/50, id: 41
round 248, starting client 29/50, id: 25
round 248, starting client 30/50, id: 38
round 248, starting client 31/50, id: 65
round 248, starting client 32/50, id: 11
round 248, starting client 33/50, id: 12
round 248, starting client 34/50, id: 43
round 248, starting client 35/50, id: 99
round 248, starting client 36/50, id: 1
round 248, starting client 37/50, id: 54
round 248, starting client 38/50, id: 88
round 248, starting client 39/50, id: 59
round 248, starting client 40/50, id: 10
round 248, starting client 41/50, id: 75
round 248, starting client 42/50, id: 16
round 248, starting client 43/50, id: 28
round 248, starting client 44/50, id: 21
round 248, starting client 45/50, id: 51
round 248, starting client 46/50, id: 91
round 248, starting client 47/50, id: 40
round 248, starting client 48/50, id: 57
round 248, starting client 49/50, id: 27
round 248, starting client 50/50, id: 74
round 248, validation acc: 0.9731
starting round 249
clients: [24 70 19 75 90 96 46  3 50 31 11 81 89 21 76 54 77 23 87 63 28 55  6
47
  2 97  7 66 25 72 68 45 83 82 48 44 27 41 49 88 80 73 78 51 91  0  8 65
  4 16]
round 249, starting client 1/50, id: 24
round 249, starting client 2/50, id: 70
round 249, starting client 3/50, id: 19
round 249, starting client 4/50, id: 75
round 249, starting client 5/50, id: 90
round 249, starting client 6/50, id: 96
round 249, starting client 7/50, id: 46
round 249, starting client 8/50, id: 3
round 249, starting client 9/50, id: 50
round 249, starting client 10/50, id: 31
round 249, starting client 11/50, id: 11
round 249, starting client 12/50, id: 81
round 249, starting client 13/50, id: 89
round 249, starting client 14/50, id: 21
round 249, starting client 15/50, id: 76

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round 249, starting client 16/50, id: 54
round 249, starting client 17/50, id: 77
round 249, starting client 18/50, id: 23
round 249, starting client 19/50, id: 87
round 249, starting client 20/50, id: 63
round 249, starting client 21/50, id: 28
round 249, starting client 22/50, id: 55
round 249, starting client 23/50, id: 6
round 249, starting client 24/50, id: 47
round 249, starting client 25/50, id: 2
round 249, starting client 26/50, id: 97
round 249, starting client 27/50, id: 7
round 249, starting client 28/50, id: 66
round 249, starting client 29/50, id: 25
round 249, starting client 30/50, id: 72
round 249, starting client 31/50, id: 68
round 249, starting client 32/50, id: 45
round 249, starting client 33/50, id: 83
round 249, starting client 34/50, id: 82
round 249, starting client 35/50, id: 48
round 249, starting client 36/50, id: 44
round 249, starting client 37/50, id: 27
round 249, starting client 38/50, id: 41
round 249, starting client 39/50, id: 49
round 249, starting client 40/50, id: 88
round 249, starting client 41/50, id: 80
round 249, starting client 42/50, id: 73
round 249, starting client 43/50, id: 78
round 249, starting client 44/50, id: 51
round 249, starting client 45/50, id: 91
round 249, starting client 46/50, id: 0
round 249, starting client 47/50, id: 8
round 249, starting client 48/50, id: 65
round 249, starting client 49/50, id: 4
round 249, starting client 50/50, id: 16
round 249, validation acc: 0.9737
starting round 250
clients: [56 59 27 41 22 9 61 70 42 44 95 69 40 10 45 39 82 18 21 52 71 99 62
85
31 28 79 1 32 20 4 13 16 2 51 8 58 25 68 24 30 26 29 80 33 54 73 89
19 90]
round 250, starting client 1/50, id: 56
round 250, starting client 2/50, id: 59
round 250, starting client 3/50, id: 27
round 250, starting client 4/50, id: 41
round 250, starting client 5/50, id: 22
round 250, starting client 6/50, id: 9
round 250, starting client 7/50, id: 61

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round 250, starting client 8/50, id: 70
round 250, starting client 9/50, id: 42
round 250, starting client 10/50, id: 44
round 250, starting client 11/50, id: 95
round 250, starting client 12/50, id: 69
round 250, starting client 13/50, id: 40
round 250, starting client 14/50, id: 10
round 250, starting client 15/50, id: 45
round 250, starting client 16/50, id: 39
round 250, starting client 17/50, id: 82
round 250, starting client 18/50, id: 18
round 250, starting client 19/50, id: 21
round 250, starting client 20/50, id: 52
round 250, starting client 21/50, id: 71
round 250, starting client 22/50, id: 99
round 250, starting client 23/50, id: 62
round 250, starting client 24/50, id: 85
round 250, starting client 25/50, id: 31
round 250, starting client 26/50, id: 28
round 250, starting client 27/50, id: 79
round 250, starting client 28/50, id: 1
round 250, starting client 29/50, id: 32
round 250, starting client 30/50, id: 20
round 250, starting client 31/50, id: 4
round 250, starting client 32/50, id: 13
round 250, starting client 33/50, id: 16
round 250, starting client 34/50, id: 2
round 250, starting client 35/50, id: 51
round 250, starting client 36/50, id: 8
round 250, starting client 37/50, id: 58
round 250, starting client 38/50, id: 25
round 250, starting client 39/50, id: 68
round 250, starting client 40/50, id: 24
round 250, starting client 41/50, id: 30
round 250, starting client 42/50, id: 26
round 250, starting client 43/50, id: 29
round 250, starting client 44/50, id: 80
round 250, starting client 45/50, id: 33
round 250, starting client 46/50, id: 54
round 250, starting client 47/50, id: 73
round 250, starting client 48/50, id: 89
round 250, starting client 49/50, id: 19
round 250, starting client 50/50, id: 90
round 250, validation acc: 0.9727
starting round 251
clients: [18 82 58 39 20 31 78 13 42 77 80 11 60 99 0 55 34 96 95 44 6 97 59
54
87 2 52 65 91 21 98 32 38 94 70 75 72 85 76 46 37 45 67 40 27 61 53 56

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66 9]

round 251, starting client 1/50, id: 18
round 251, starting client 2/50, id: 82
round 251, starting client 3/50, id: 58
round 251, starting client 4/50, id: 39
round 251, starting client 5/50, id: 20
round 251, starting client 6/50, id: 31
round 251, starting client 7/50, id: 78
round 251, starting client 8/50, id: 13
round 251, starting client 9/50, id: 42
round 251, starting client 10/50, id: 77
round 251, starting client 11/50, id: 80
round 251, starting client 12/50, id: 11
round 251, starting client 13/50, id: 60
round 251, starting client 14/50, id: 99
round 251, starting client 15/50, id: 0
round 251, starting client 16/50, id: 55
round 251, starting client 17/50, id: 34
round 251, starting client 18/50, id: 96
round 251, starting client 19/50, id: 95
round 251, starting client 20/50, id: 44
round 251, starting client 21/50, id: 6
round 251, starting client 22/50, id: 97
round 251, starting client 23/50, id: 59
round 251, starting client 24/50, id: 54
round 251, starting client 25/50, id: 87
round 251, starting client 26/50, id: 2
round 251, starting client 27/50, id: 52
round 251, starting client 28/50, id: 65
round 251, starting client 29/50, id: 91
round 251, starting client 30/50, id: 21
round 251, starting client 31/50, id: 98
round 251, starting client 32/50, id: 32
round 251, starting client 33/50, id: 38
round 251, starting client 34/50, id: 94
round 251, starting client 35/50, id: 70
round 251, starting client 36/50, id: 75
round 251, starting client 37/50, id: 72
round 251, starting client 38/50, id: 85
round 251, starting client 39/50, id: 76
round 251, starting client 40/50, id: 46
round 251, starting client 41/50, id: 37
round 251, starting client 42/50, id: 45
round 251, starting client 43/50, id: 67
round 251, starting client 44/50, id: 40
round 251, starting client 45/50, id: 27
round 251, starting client 46/50, id: 61
round 251, starting client 47/50, id: 53

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round 251, starting client 48/50, id: 56
round 251, starting client 49/50, id: 66
round 251, starting client 50/50, id: 9
round 251, validation acc: 0.9721
starting round 252
clients: [19 11 33 99 61 32 66 82 46 24 57 17 30 69 75 58 1 97 78 54 6 35 68
86
98 67 91 63 51 71 89 20 5 62 74 7 41 80 45 23 94 92 85 52 49 65 0 2
42 76]
round 252, starting client 1/50, id: 19
round 252, starting client 2/50, id: 11
round 252, starting client 3/50, id: 33
round 252, starting client 4/50, id: 99
round 252, starting client 5/50, id: 61
round 252, starting client 6/50, id: 32
round 252, starting client 7/50, id: 66
round 252, starting client 8/50, id: 82
round 252, starting client 9/50, id: 46
round 252, starting client 10/50, id: 24
round 252, starting client 11/50, id: 57
round 252, starting client 12/50, id: 17
round 252, starting client 13/50, id: 30
round 252, starting client 14/50, id: 69
round 252, starting client 15/50, id: 75
round 252, starting client 16/50, id: 58
round 252, starting client 17/50, id: 1
round 252, starting client 18/50, id: 97
round 252, starting client 19/50, id: 78
round 252, starting client 20/50, id: 54
round 252, starting client 21/50, id: 6
round 252, starting client 22/50, id: 35
round 252, starting client 23/50, id: 68
round 252, starting client 24/50, id: 86
round 252, starting client 25/50, id: 98
round 252, starting client 26/50, id: 67
round 252, starting client 27/50, id: 91
round 252, starting client 28/50, id: 63
round 252, starting client 29/50, id: 51
round 252, starting client 30/50, id: 71
round 252, starting client 31/50, id: 89
round 252, starting client 32/50, id: 20
round 252, starting client 33/50, id: 5
round 252, starting client 34/50, id: 62
round 252, starting client 35/50, id: 74
round 252, starting client 36/50, id: 7
round 252, starting client 37/50, id: 41
round 252, starting client 38/50, id: 80
round 252, starting client 39/50, id: 45

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round 252, starting client 40/50, id: 23
round 252, starting client 41/50, id: 94
round 252, starting client 42/50, id: 92
round 252, starting client 43/50, id: 85
round 252, starting client 44/50, id: 52
round 252, starting client 45/50, id: 49
round 252, starting client 46/50, id: 65
round 252, starting client 47/50, id: 0
round 252, starting client 48/50, id: 2
round 252, starting client 49/50, id: 42
round 252, starting client 50/50, id: 76
round 252, validation acc: 0.9734
starting round 253
clients: [69 60 42 12 70 39 94 16 99 47 56  6 40 29 71 97 51 24 96 68  5 17 84
21
 55 87 81 62 33 90 67 26 41 76  3 57 66 10 53 83 30  4 13 82 48 11 64  8
95 19]
round 253, starting client 1/50, id: 69
round 253, starting client 2/50, id: 60
round 253, starting client 3/50, id: 42
round 253, starting client 4/50, id: 12
round 253, starting client 5/50, id: 70
round 253, starting client 6/50, id: 39
round 253, starting client 7/50, id: 94
round 253, starting client 8/50, id: 16
round 253, starting client 9/50, id: 99
round 253, starting client 10/50, id: 47
round 253, starting client 11/50, id: 56
round 253, starting client 12/50, id: 6
round 253, starting client 13/50, id: 40
round 253, starting client 14/50, id: 29
round 253, starting client 15/50, id: 71
round 253, starting client 16/50, id: 97
round 253, starting client 17/50, id: 51
round 253, starting client 18/50, id: 24
round 253, starting client 19/50, id: 96
round 253, starting client 20/50, id: 68
round 253, starting client 21/50, id: 5
round 253, starting client 22/50, id: 17
round 253, starting client 23/50, id: 84
round 253, starting client 24/50, id: 21
round 253, starting client 25/50, id: 55
round 253, starting client 26/50, id: 87
round 253, starting client 27/50, id: 81
round 253, starting client 28/50, id: 62
round 253, starting client 29/50, id: 33
round 253, starting client 30/50, id: 90
round 253, starting client 31/50, id: 67

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round 253, starting client 32/50, id: 26
round 253, starting client 33/50, id: 41
round 253, starting client 34/50, id: 76
round 253, starting client 35/50, id: 3
round 253, starting client 36/50, id: 57
round 253, starting client 37/50, id: 66
round 253, starting client 38/50, id: 10
round 253, starting client 39/50, id: 53
round 253, starting client 40/50, id: 83
round 253, starting client 41/50, id: 30
round 253, starting client 42/50, id: 4
round 253, starting client 43/50, id: 13
round 253, starting client 44/50, id: 82
round 253, starting client 45/50, id: 48
round 253, starting client 46/50, id: 11
round 253, starting client 47/50, id: 64
round 253, starting client 48/50, id: 8
round 253, starting client 49/50, id: 95
round 253, starting client 50/50, id: 19
round 253, validation acc: 0.9733
starting round 254
clients: [12 47 75 2 99 97 19 79 55 69 84 87 25 74 96 91 38 13 90 58 26 85 7
95
11 43 68 30 4 41 20 54 98 46 61 18 50 17 70 66 0 89 77 6 23 3 8 42
72 51]
round 254, starting client 1/50, id: 12
round 254, starting client 2/50, id: 47
round 254, starting client 3/50, id: 75
round 254, starting client 4/50, id: 2
round 254, starting client 5/50, id: 99
round 254, starting client 6/50, id: 97
round 254, starting client 7/50, id: 19
round 254, starting client 8/50, id: 79
round 254, starting client 9/50, id: 55
round 254, starting client 10/50, id: 69
round 254, starting client 11/50, id: 84
round 254, starting client 12/50, id: 87
round 254, starting client 13/50, id: 25
round 254, starting client 14/50, id: 74
round 254, starting client 15/50, id: 96
round 254, starting client 16/50, id: 91
round 254, starting client 17/50, id: 38
round 254, starting client 18/50, id: 13
round 254, starting client 19/50, id: 90
round 254, starting client 20/50, id: 58
round 254, starting client 21/50, id: 26
round 254, starting client 22/50, id: 85
round 254, starting client 23/50, id: 7

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round 254, starting client 24/50, id: 95
round 254, starting client 25/50, id: 11
round 254, starting client 26/50, id: 43
round 254, starting client 27/50, id: 68
round 254, starting client 28/50, id: 30
round 254, starting client 29/50, id: 4
round 254, starting client 30/50, id: 41
round 254, starting client 31/50, id: 20
round 254, starting client 32/50, id: 54
round 254, starting client 33/50, id: 98
round 254, starting client 34/50, id: 46
round 254, starting client 35/50, id: 61
round 254, starting client 36/50, id: 18
round 254, starting client 37/50, id: 50
round 254, starting client 38/50, id: 17
round 254, starting client 39/50, id: 70
round 254, starting client 40/50, id: 66
round 254, starting client 41/50, id: 0
round 254, starting client 42/50, id: 89
round 254, starting client 43/50, id: 77
round 254, starting client 44/50, id: 6
round 254, starting client 45/50, id: 23
round 254, starting client 46/50, id: 3
round 254, starting client 47/50, id: 8
round 254, starting client 48/50, id: 42
round 254, starting client 49/50, id: 72
round 254, starting client 50/50, id: 51
round 254, validation acc: 0.9732
starting round 255
clients: [61 98 3 51 71 6 85 69 57 93 47 49 9 18 11 50 16 81 56 59 74 83 70
88
67 97 32 96 43 55 12 13 20 15 29 45 68 72 52 78 99 28 22 91 24 79 95 4
5 39]
round 255, starting client 1/50, id: 61
round 255, starting client 2/50, id: 98
round 255, starting client 3/50, id: 3
round 255, starting client 4/50, id: 51
round 255, starting client 5/50, id: 71
round 255, starting client 6/50, id: 6
round 255, starting client 7/50, id: 85
round 255, starting client 8/50, id: 69
round 255, starting client 9/50, id: 57
round 255, starting client 10/50, id: 93
round 255, starting client 11/50, id: 47
round 255, starting client 12/50, id: 49
round 255, starting client 13/50, id: 9
round 255, starting client 14/50, id: 18
round 255, starting client 15/50, id: 11

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round 255, starting client 16/50, id: 50
round 255, starting client 17/50, id: 16
round 255, starting client 18/50, id: 81
round 255, starting client 19/50, id: 56
round 255, starting client 20/50, id: 59
round 255, starting client 21/50, id: 74
round 255, starting client 22/50, id: 83
round 255, starting client 23/50, id: 70
round 255, starting client 24/50, id: 88
round 255, starting client 25/50, id: 67
round 255, starting client 26/50, id: 97
round 255, starting client 27/50, id: 32
round 255, starting client 28/50, id: 96
round 255, starting client 29/50, id: 43
round 255, starting client 30/50, id: 55
round 255, starting client 31/50, id: 12
round 255, starting client 32/50, id: 13
round 255, starting client 33/50, id: 20
round 255, starting client 34/50, id: 15
round 255, starting client 35/50, id: 29
round 255, starting client 36/50, id: 45
round 255, starting client 37/50, id: 68
round 255, starting client 38/50, id: 72
round 255, starting client 39/50, id: 52
round 255, starting client 40/50, id: 78
round 255, starting client 41/50, id: 99
round 255, starting client 42/50, id: 28
round 255, starting client 43/50, id: 22
round 255, starting client 44/50, id: 91
round 255, starting client 45/50, id: 24
round 255, starting client 46/50, id: 79
round 255, starting client 47/50, id: 95
round 255, starting client 48/50, id: 4
round 255, starting client 49/50, id: 5
round 255, starting client 50/50, id: 39
round 255, validation acc: 0.9739
starting round 256
clients: [ 9 70 15 22 55 88 93 79 91  5 66 95 43 75 36 65 41 35 40 42 31 69 76
24
87 98 32 63 72 51  0 80 10 99 28 27 56 52 30 83 25 58  8  3 67  4 18 97
61 85]
round 256, starting client 1/50, id: 9
round 256, starting client 2/50, id: 70
round 256, starting client 3/50, id: 15
round 256, starting client 4/50, id: 22
round 256, starting client 5/50, id: 55
round 256, starting client 6/50, id: 88
round 256, starting client 7/50, id: 93

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round 256, starting client 8/50, id: 79
round 256, starting client 9/50, id: 91
round 256, starting client 10/50, id: 5
round 256, starting client 11/50, id: 66
round 256, starting client 12/50, id: 95
round 256, starting client 13/50, id: 43
round 256, starting client 14/50, id: 75
round 256, starting client 15/50, id: 36
round 256, starting client 16/50, id: 65
round 256, starting client 17/50, id: 41
round 256, starting client 18/50, id: 35
round 256, starting client 19/50, id: 40
round 256, starting client 20/50, id: 42
round 256, starting client 21/50, id: 31
round 256, starting client 22/50, id: 69
round 256, starting client 23/50, id: 76
round 256, starting client 24/50, id: 24
round 256, starting client 25/50, id: 87
round 256, starting client 26/50, id: 98
round 256, starting client 27/50, id: 32
round 256, starting client 28/50, id: 63
round 256, starting client 29/50, id: 72
round 256, starting client 30/50, id: 51
round 256, starting client 31/50, id: 0
round 256, starting client 32/50, id: 80
round 256, starting client 33/50, id: 10
round 256, starting client 34/50, id: 99
round 256, starting client 35/50, id: 28
round 256, starting client 36/50, id: 27
round 256, starting client 37/50, id: 56
round 256, starting client 38/50, id: 52
round 256, starting client 39/50, id: 30
round 256, starting client 40/50, id: 83
round 256, starting client 41/50, id: 25
round 256, starting client 42/50, id: 58
round 256, starting client 43/50, id: 8
round 256, starting client 44/50, id: 3
round 256, starting client 45/50, id: 67
round 256, starting client 46/50, id: 4
round 256, starting client 47/50, id: 18
round 256, starting client 48/50, id: 97
round 256, starting client 49/50, id: 61
round 256, starting client 50/50, id: 85
round 256, validation acc: 0.9728
starting round 257
clients: [35 78 80 39 52 17 15 13 50 18 31 65 99 32 88 68 16 76 93 59 54 98 60
40
48 36 37 57 7 73 64 70 51 11 87 61 69 74 47 38 3 26 86 23 58 25 92 6

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66 79]

round 257, starting client 1/50, id: 35
round 257, starting client 2/50, id: 78
round 257, starting client 3/50, id: 80
round 257, starting client 4/50, id: 39
round 257, starting client 5/50, id: 52
round 257, starting client 6/50, id: 17
round 257, starting client 7/50, id: 15
round 257, starting client 8/50, id: 13
round 257, starting client 9/50, id: 50
round 257, starting client 10/50, id: 18
round 257, starting client 11/50, id: 31
round 257, starting client 12/50, id: 65
round 257, starting client 13/50, id: 99
round 257, starting client 14/50, id: 32
round 257, starting client 15/50, id: 88
round 257, starting client 16/50, id: 68
round 257, starting client 17/50, id: 16
round 257, starting client 18/50, id: 76
round 257, starting client 19/50, id: 93
round 257, starting client 20/50, id: 59
round 257, starting client 21/50, id: 54
round 257, starting client 22/50, id: 98
round 257, starting client 23/50, id: 60
round 257, starting client 24/50, id: 40
round 257, starting client 25/50, id: 48
round 257, starting client 26/50, id: 36
round 257, starting client 27/50, id: 37
round 257, starting client 28/50, id: 57
round 257, starting client 29/50, id: 7
round 257, starting client 30/50, id: 73
round 257, starting client 31/50, id: 64
round 257, starting client 32/50, id: 70
round 257, starting client 33/50, id: 51
round 257, starting client 34/50, id: 11
round 257, starting client 35/50, id: 87
round 257, starting client 36/50, id: 61
round 257, starting client 37/50, id: 69
round 257, starting client 38/50, id: 74
round 257, starting client 39/50, id: 47
round 257, starting client 40/50, id: 38
round 257, starting client 41/50, id: 3
round 257, starting client 42/50, id: 26
round 257, starting client 43/50, id: 86
round 257, starting client 44/50, id: 23
round 257, starting client 45/50, id: 58
round 257, starting client 46/50, id: 25
round 257, starting client 47/50, id: 92

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round 257, starting client 48/50, id: 6
round 257, starting client 49/50, id: 66
round 257, starting client 50/50, id: 79
round 257, validation acc: 0.9733
starting round 258
clients: [66 94 76 41 85  4 81 73 62 15 80 51 56 30 84 21 31 44 55 52 86 10 79
18
 37 60 20 69 46 58 64 70 27 40  0  8 26 96 63 32  2 92 33 29 61 91 38 78
13 17]
round 258, starting client 1/50, id: 66
round 258, starting client 2/50, id: 94
round 258, starting client 3/50, id: 76
round 258, starting client 4/50, id: 41
round 258, starting client 5/50, id: 85
round 258, starting client 6/50, id: 4
round 258, starting client 7/50, id: 81
round 258, starting client 8/50, id: 73
round 258, starting client 9/50, id: 62
round 258, starting client 10/50, id: 15
round 258, starting client 11/50, id: 80
round 258, starting client 12/50, id: 51
round 258, starting client 13/50, id: 56
round 258, starting client 14/50, id: 30
round 258, starting client 15/50, id: 84
round 258, starting client 16/50, id: 21
round 258, starting client 17/50, id: 31
round 258, starting client 18/50, id: 44
round 258, starting client 19/50, id: 55
round 258, starting client 20/50, id: 52
round 258, starting client 21/50, id: 86
round 258, starting client 22/50, id: 10
round 258, starting client 23/50, id: 79
round 258, starting client 24/50, id: 18
round 258, starting client 25/50, id: 37
round 258, starting client 26/50, id: 60
round 258, starting client 27/50, id: 20
round 258, starting client 28/50, id: 69
round 258, starting client 29/50, id: 46
round 258, starting client 30/50, id: 58
round 258, starting client 31/50, id: 64
round 258, starting client 32/50, id: 70
round 258, starting client 33/50, id: 27
round 258, starting client 34/50, id: 40
round 258, starting client 35/50, id: 0
round 258, starting client 36/50, id: 8
round 258, starting client 37/50, id: 26
round 258, starting client 38/50, id: 96
round 258, starting client 39/50, id: 63

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round 258, starting client 40/50, id: 32
 round 258, starting client 41/50, id: 2
 round 258, starting client 42/50, id: 92
 round 258, starting client 43/50, id: 33
 round 258, starting client 44/50, id: 29
 round 258, starting client 45/50, id: 61
 round 258, starting client 46/50, id: 91
 round 258, starting client 47/50, id: 38
 round 258, starting client 48/50, id: 78
 round 258, starting client 49/50, id: 13
 round 258, starting client 50/50, id: 17
 round 258, validation acc: 0.9725
 starting round 259
 clients: [97 26 25 49 78 75 36 38 33 85 43 84 3 21 68 63 89 65 90 88 4 40 61
 13
 6 83 47 48 28 52 82 35 42 60 94 71 7 66 27 50 46 57 14 19 29 92 24 59
 91 17]
 round 259, starting client 1/50, id: 97
 round 259, starting client 2/50, id: 26
 round 259, starting client 3/50, id: 25
 round 259, starting client 4/50, id: 49
 round 259, starting client 5/50, id: 78
 round 259, starting client 6/50, id: 75
 round 259, starting client 7/50, id: 36
 round 259, starting client 8/50, id: 38
 round 259, starting client 9/50, id: 33
 round 259, starting client 10/50, id: 85
 round 259, starting client 11/50, id: 43
 round 259, starting client 12/50, id: 84
 round 259, starting client 13/50, id: 3
 round 259, starting client 14/50, id: 21
 round 259, starting client 15/50, id: 68
 round 259, starting client 16/50, id: 63
 round 259, starting client 17/50, id: 89
 round 259, starting client 18/50, id: 65
 round 259, starting client 19/50, id: 90
 round 259, starting client 20/50, id: 88
 round 259, starting client 21/50, id: 4
 round 259, starting client 22/50, id: 40
 round 259, starting client 23/50, id: 61
 round 259, starting client 24/50, id: 13
 round 259, starting client 25/50, id: 6
 round 259, starting client 26/50, id: 83
 round 259, starting client 27/50, id: 47
 round 259, starting client 28/50, id: 48
 round 259, starting client 29/50, id: 28
 round 259, starting client 30/50, id: 52
 round 259, starting client 31/50, id: 82

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round 259, starting client 32/50, id: 35
round 259, starting client 33/50, id: 42
round 259, starting client 34/50, id: 60
round 259, starting client 35/50, id: 94
round 259, starting client 36/50, id: 71
round 259, starting client 37/50, id: 7
round 259, starting client 38/50, id: 66
round 259, starting client 39/50, id: 27
round 259, starting client 40/50, id: 50
round 259, starting client 41/50, id: 46
round 259, starting client 42/50, id: 57
round 259, starting client 43/50, id: 14
round 259, starting client 44/50, id: 19
round 259, starting client 45/50, id: 29
round 259, starting client 46/50, id: 92
round 259, starting client 47/50, id: 24
round 259, starting client 48/50, id: 59
round 259, starting client 49/50, id: 91
round 259, starting client 50/50, id: 17
round 259, validation acc: 0.972
starting round 260
clients: [48 55 61 60 12 39 6 4 83 36 0 64 76 27 81 30 88 93 58 5 3 59 24
25
19 96 10 71 57 52 45 69 29 50 77 33 87 20 2 68 78 13 97 47 70 79 94 65
21 14]
round 260, starting client 1/50, id: 48
round 260, starting client 2/50, id: 55
round 260, starting client 3/50, id: 61
round 260, starting client 4/50, id: 60
round 260, starting client 5/50, id: 12
round 260, starting client 6/50, id: 39
round 260, starting client 7/50, id: 6
round 260, starting client 8/50, id: 4
round 260, starting client 9/50, id: 83
round 260, starting client 10/50, id: 36
round 260, starting client 11/50, id: 0
round 260, starting client 12/50, id: 64
round 260, starting client 13/50, id: 76
round 260, starting client 14/50, id: 27
round 260, starting client 15/50, id: 81
round 260, starting client 16/50, id: 30
round 260, starting client 17/50, id: 88
round 260, starting client 18/50, id: 93
round 260, starting client 19/50, id: 58
round 260, starting client 20/50, id: 5
round 260, starting client 21/50, id: 3
round 260, starting client 22/50, id: 59
round 260, starting client 23/50, id: 24

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round 260, starting client 24/50, id: 25
round 260, starting client 25/50, id: 19
round 260, starting client 26/50, id: 96
round 260, starting client 27/50, id: 10
round 260, starting client 28/50, id: 71
round 260, starting client 29/50, id: 57
round 260, starting client 30/50, id: 52
round 260, starting client 31/50, id: 45
round 260, starting client 32/50, id: 69
round 260, starting client 33/50, id: 29
round 260, starting client 34/50, id: 50
round 260, starting client 35/50, id: 77
round 260, starting client 36/50, id: 33
round 260, starting client 37/50, id: 87
round 260, starting client 38/50, id: 20
round 260, starting client 39/50, id: 2
round 260, starting client 40/50, id: 68
round 260, starting client 41/50, id: 78
round 260, starting client 42/50, id: 13
round 260, starting client 43/50, id: 97
round 260, starting client 44/50, id: 47
round 260, starting client 45/50, id: 70
round 260, starting client 46/50, id: 79
round 260, starting client 47/50, id: 94
round 260, starting client 48/50, id: 65
round 260, starting client 49/50, id: 21
round 260, starting client 50/50, id: 14
round 260, validation acc: 0.9721
starting round 261
clients: [14 47 18 2 6 13 22 87 82 41 91 84 74 23 4 15 60 42 12 26 71 33 86
8
39 16 93 0 69 63 27 31 65 34 1 99 72 62 38 67 97 11 75 32 79 98 77 44
46 10]
round 261, starting client 1/50, id: 14
round 261, starting client 2/50, id: 47
round 261, starting client 3/50, id: 18
round 261, starting client 4/50, id: 2
round 261, starting client 5/50, id: 6
round 261, starting client 6/50, id: 13
round 261, starting client 7/50, id: 22
round 261, starting client 8/50, id: 87
round 261, starting client 9/50, id: 82
round 261, starting client 10/50, id: 41
round 261, starting client 11/50, id: 91
round 261, starting client 12/50, id: 84
round 261, starting client 13/50, id: 74
round 261, starting client 14/50, id: 23
round 261, starting client 15/50, id: 4

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round 261, starting client 16/50, id: 15
round 261, starting client 17/50, id: 60
round 261, starting client 18/50, id: 42
round 261, starting client 19/50, id: 12
round 261, starting client 20/50, id: 26
round 261, starting client 21/50, id: 71
round 261, starting client 22/50, id: 33
round 261, starting client 23/50, id: 86
round 261, starting client 24/50, id: 8
round 261, starting client 25/50, id: 39
round 261, starting client 26/50, id: 16
round 261, starting client 27/50, id: 93
round 261, starting client 28/50, id: 0
round 261, starting client 29/50, id: 69
round 261, starting client 30/50, id: 63
round 261, starting client 31/50, id: 27
round 261, starting client 32/50, id: 31
round 261, starting client 33/50, id: 65
round 261, starting client 34/50, id: 34
round 261, starting client 35/50, id: 1
round 261, starting client 36/50, id: 99
round 261, starting client 37/50, id: 72
round 261, starting client 38/50, id: 62
round 261, starting client 39/50, id: 38
round 261, starting client 40/50, id: 67
round 261, starting client 41/50, id: 97
round 261, starting client 42/50, id: 11
round 261, starting client 43/50, id: 75
round 261, starting client 44/50, id: 32
round 261, starting client 45/50, id: 79
round 261, starting client 46/50, id: 98
round 261, starting client 47/50, id: 77
round 261, starting client 48/50, id: 44
round 261, starting client 49/50, id: 46
round 261, starting client 50/50, id: 10
round 261, validation acc: 0.9718
starting round 262
clients: [87 70 78 0 16 68 36 96 32 37 34 24 48 46 9 59 51 18 6 71 33 79 13
23
89 25 10 5 15 60 63 94 47 76 19 28 42 62 86 85 3 83 20 7 67 57 43 26
50 45]
round 262, starting client 1/50, id: 87
round 262, starting client 2/50, id: 70
round 262, starting client 3/50, id: 78
round 262, starting client 4/50, id: 0
round 262, starting client 5/50, id: 16
round 262, starting client 6/50, id: 68
round 262, starting client 7/50, id: 36

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round 262, starting client 8/50, id: 96
round 262, starting client 9/50, id: 32
round 262, starting client 10/50, id: 37
round 262, starting client 11/50, id: 34
round 262, starting client 12/50, id: 24
round 262, starting client 13/50, id: 48
round 262, starting client 14/50, id: 46
round 262, starting client 15/50, id: 9
round 262, starting client 16/50, id: 59
round 262, starting client 17/50, id: 51
round 262, starting client 18/50, id: 18
round 262, starting client 19/50, id: 6
round 262, starting client 20/50, id: 71
round 262, starting client 21/50, id: 33
round 262, starting client 22/50, id: 79
round 262, starting client 23/50, id: 13
round 262, starting client 24/50, id: 23
round 262, starting client 25/50, id: 89
round 262, starting client 26/50, id: 25
round 262, starting client 27/50, id: 10
round 262, starting client 28/50, id: 5
round 262, starting client 29/50, id: 15
round 262, starting client 30/50, id: 60
round 262, starting client 31/50, id: 63
round 262, starting client 32/50, id: 94
round 262, starting client 33/50, id: 47
round 262, starting client 34/50, id: 76
round 262, starting client 35/50, id: 19
round 262, starting client 36/50, id: 28
round 262, starting client 37/50, id: 42
round 262, starting client 38/50, id: 62
round 262, starting client 39/50, id: 86
round 262, starting client 40/50, id: 85
round 262, starting client 41/50, id: 3
round 262, starting client 42/50, id: 83
round 262, starting client 43/50, id: 20
round 262, starting client 44/50, id: 7
round 262, starting client 45/50, id: 67
round 262, starting client 46/50, id: 57
round 262, starting client 47/50, id: 43
round 262, starting client 48/50, id: 26
round 262, starting client 49/50, id: 50
round 262, starting client 50/50, id: 45
round 262, validation acc: 0.9739
starting round 263
clients: [61 51 38 3 35 48 56 68 55 13 24 17 6 50 58 42 57 96 91 97 59 20 81
23
69 65 98 39 7 99 11 8 79 89 82 44 53 54 95 84 19 43 46 66 31 29 87 16

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41 49]

round 263, starting client 1/50, id: 61
round 263, starting client 2/50, id: 51
round 263, starting client 3/50, id: 38
round 263, starting client 4/50, id: 3
round 263, starting client 5/50, id: 35
round 263, starting client 6/50, id: 48
round 263, starting client 7/50, id: 56
round 263, starting client 8/50, id: 68
round 263, starting client 9/50, id: 55
round 263, starting client 10/50, id: 13
round 263, starting client 11/50, id: 24
round 263, starting client 12/50, id: 17
round 263, starting client 13/50, id: 6
round 263, starting client 14/50, id: 50
round 263, starting client 15/50, id: 58
round 263, starting client 16/50, id: 42
round 263, starting client 17/50, id: 57
round 263, starting client 18/50, id: 96
round 263, starting client 19/50, id: 91
round 263, starting client 20/50, id: 97
round 263, starting client 21/50, id: 59
round 263, starting client 22/50, id: 20
round 263, starting client 23/50, id: 81
round 263, starting client 24/50, id: 23
round 263, starting client 25/50, id: 69
round 263, starting client 26/50, id: 65
round 263, starting client 27/50, id: 98
round 263, starting client 28/50, id: 39
round 263, starting client 29/50, id: 7
round 263, starting client 30/50, id: 99
round 263, starting client 31/50, id: 11
round 263, starting client 32/50, id: 8
round 263, starting client 33/50, id: 79
round 263, starting client 34/50, id: 89
round 263, starting client 35/50, id: 82
round 263, starting client 36/50, id: 44
round 263, starting client 37/50, id: 53
round 263, starting client 38/50, id: 54
round 263, starting client 39/50, id: 95
round 263, starting client 40/50, id: 84
round 263, starting client 41/50, id: 19
round 263, starting client 42/50, id: 43
round 263, starting client 43/50, id: 46
round 263, starting client 44/50, id: 66
round 263, starting client 45/50, id: 31
round 263, starting client 46/50, id: 29
round 263, starting client 47/50, id: 87

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round 263, starting client 48/50, id: 16
round 263, starting client 49/50, id: 41
round 263, starting client 50/50, id: 49
round 263, validation acc: 0.9742
starting round 264
clients: [85 38 86 71 33 45 95 1 69 74 29 0 97 42 24 61 11 23 54 56 90 87 20
66
81 46 67 19 25 3 5 94 2 96 78 16 80 79 8 73 82 49 12 28 60 55 39 48
93 15]
round 264, starting client 1/50, id: 85
round 264, starting client 2/50, id: 38
round 264, starting client 3/50, id: 86
round 264, starting client 4/50, id: 71
round 264, starting client 5/50, id: 33
round 264, starting client 6/50, id: 45
round 264, starting client 7/50, id: 95
round 264, starting client 8/50, id: 1
round 264, starting client 9/50, id: 69
round 264, starting client 10/50, id: 74
round 264, starting client 11/50, id: 29
round 264, starting client 12/50, id: 0
round 264, starting client 13/50, id: 97
round 264, starting client 14/50, id: 42
round 264, starting client 15/50, id: 24
round 264, starting client 16/50, id: 61
round 264, starting client 17/50, id: 11
round 264, starting client 18/50, id: 23
round 264, starting client 19/50, id: 54
round 264, starting client 20/50, id: 56
round 264, starting client 21/50, id: 90
round 264, starting client 22/50, id: 87
round 264, starting client 23/50, id: 20
round 264, starting client 24/50, id: 66
round 264, starting client 25/50, id: 81
round 264, starting client 26/50, id: 46
round 264, starting client 27/50, id: 67
round 264, starting client 28/50, id: 19
round 264, starting client 29/50, id: 25
round 264, starting client 30/50, id: 3
round 264, starting client 31/50, id: 5
round 264, starting client 32/50, id: 94
round 264, starting client 33/50, id: 2
round 264, starting client 34/50, id: 96
round 264, starting client 35/50, id: 78
round 264, starting client 36/50, id: 16
round 264, starting client 37/50, id: 80
round 264, starting client 38/50, id: 79
round 264, starting client 39/50, id: 8

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round 264, starting client 40/50, id: 73
round 264, starting client 41/50, id: 82
round 264, starting client 42/50, id: 49
round 264, starting client 43/50, id: 12
round 264, starting client 44/50, id: 28
round 264, starting client 45/50, id: 60
round 264, starting client 46/50, id: 55
round 264, starting client 47/50, id: 39
round 264, starting client 48/50, id: 48
round 264, starting client 49/50, id: 93
round 264, starting client 50/50, id: 15
round 264, validation acc: 0.975
starting round 265
clients: [81  4 85 64 34 63 58 38 97  7 75 43 45 35 65 62 21 36 99 42 70 56 54
37
 98 30  1 90  8 82 68 28 16 57 40 53  5 52 33 59 51 74 26 72 20 86 95 13
50 55]
round 265, starting client 1/50, id: 81
round 265, starting client 2/50, id: 4
round 265, starting client 3/50, id: 85
round 265, starting client 4/50, id: 64
round 265, starting client 5/50, id: 34
round 265, starting client 6/50, id: 63
round 265, starting client 7/50, id: 58
round 265, starting client 8/50, id: 38
round 265, starting client 9/50, id: 97
round 265, starting client 10/50, id: 7
round 265, starting client 11/50, id: 75
round 265, starting client 12/50, id: 43
round 265, starting client 13/50, id: 45
round 265, starting client 14/50, id: 35
round 265, starting client 15/50, id: 65
round 265, starting client 16/50, id: 62
round 265, starting client 17/50, id: 21
round 265, starting client 18/50, id: 36
round 265, starting client 19/50, id: 99
round 265, starting client 20/50, id: 42
round 265, starting client 21/50, id: 70
round 265, starting client 22/50, id: 56
round 265, starting client 23/50, id: 54
round 265, starting client 24/50, id: 37
round 265, starting client 25/50, id: 98
round 265, starting client 26/50, id: 30
round 265, starting client 27/50, id: 1
round 265, starting client 28/50, id: 90
round 265, starting client 29/50, id: 8
round 265, starting client 30/50, id: 82
round 265, starting client 31/50, id: 68

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round 265, starting client 32/50, id: 28
round 265, starting client 33/50, id: 16
round 265, starting client 34/50, id: 57
round 265, starting client 35/50, id: 40
round 265, starting client 36/50, id: 53
round 265, starting client 37/50, id: 5
round 265, starting client 38/50, id: 52
round 265, starting client 39/50, id: 33
round 265, starting client 40/50, id: 59
round 265, starting client 41/50, id: 51
round 265, starting client 42/50, id: 74
round 265, starting client 43/50, id: 26
round 265, starting client 44/50, id: 72
round 265, starting client 45/50, id: 20
round 265, starting client 46/50, id: 86
round 265, starting client 47/50, id: 95
round 265, starting client 48/50, id: 13
round 265, starting client 49/50, id: 50
round 265, starting client 50/50, id: 55
round 265, validation acc: 0.9733
starting round 266
clients: [31 67 81 68 78 12 20 29 48 37 66 59 99 3 43 26 49 75 21 79 16 70 38
91
39 74 11 45 0 17 24 83 89 8 33 46 54 2 90 35 72 57 93 71 1 73 44 97
63 92]
round 266, starting client 1/50, id: 31
round 266, starting client 2/50, id: 67
round 266, starting client 3/50, id: 81
round 266, starting client 4/50, id: 68
round 266, starting client 5/50, id: 78
round 266, starting client 6/50, id: 12
round 266, starting client 7/50, id: 20
round 266, starting client 8/50, id: 29
round 266, starting client 9/50, id: 48
round 266, starting client 10/50, id: 37
round 266, starting client 11/50, id: 66
round 266, starting client 12/50, id: 59
round 266, starting client 13/50, id: 99
round 266, starting client 14/50, id: 3
round 266, starting client 15/50, id: 43
round 266, starting client 16/50, id: 26
round 266, starting client 17/50, id: 49
round 266, starting client 18/50, id: 75
round 266, starting client 19/50, id: 21
round 266, starting client 20/50, id: 79
round 266, starting client 21/50, id: 16
round 266, starting client 22/50, id: 70
round 266, starting client 23/50, id: 38

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round 266, starting client 24/50, id: 91
round 266, starting client 25/50, id: 39
round 266, starting client 26/50, id: 74
round 266, starting client 27/50, id: 11
round 266, starting client 28/50, id: 45
round 266, starting client 29/50, id: 0
round 266, starting client 30/50, id: 17
round 266, starting client 31/50, id: 24
round 266, starting client 32/50, id: 83
round 266, starting client 33/50, id: 89
round 266, starting client 34/50, id: 8
round 266, starting client 35/50, id: 33
round 266, starting client 36/50, id: 46
round 266, starting client 37/50, id: 54
round 266, starting client 38/50, id: 2
round 266, starting client 39/50, id: 90
round 266, starting client 40/50, id: 35
round 266, starting client 41/50, id: 72
round 266, starting client 42/50, id: 57
round 266, starting client 43/50, id: 93
round 266, starting client 44/50, id: 71
round 266, starting client 45/50, id: 1
round 266, starting client 46/50, id: 73
round 266, starting client 47/50, id: 44
round 266, starting client 48/50, id: 97
round 266, starting client 49/50, id: 63
round 266, starting client 50/50, id: 92
round 266, validation acc: 0.9736
starting round 267
clients: [95 6 66 8 16 36 68 57 88 18 20 39 14 79 25 81 85 26 75 22 29 83 64
70
94 12 67 96 60 38 9 55 32 33 35 62 63 53 13 49 77 84 37 87 82 23 24 61
48 34]
round 267, starting client 1/50, id: 95
round 267, starting client 2/50, id: 6
round 267, starting client 3/50, id: 66
round 267, starting client 4/50, id: 8
round 267, starting client 5/50, id: 16
round 267, starting client 6/50, id: 36
round 267, starting client 7/50, id: 68
round 267, starting client 8/50, id: 57
round 267, starting client 9/50, id: 88
round 267, starting client 10/50, id: 18
round 267, starting client 11/50, id: 20
round 267, starting client 12/50, id: 39
round 267, starting client 13/50, id: 14
round 267, starting client 14/50, id: 79
round 267, starting client 15/50, id: 25

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round 267, starting client 16/50, id: 81
round 267, starting client 17/50, id: 85
round 267, starting client 18/50, id: 26
round 267, starting client 19/50, id: 75
round 267, starting client 20/50, id: 22
round 267, starting client 21/50, id: 29
round 267, starting client 22/50, id: 83
round 267, starting client 23/50, id: 64
round 267, starting client 24/50, id: 70
round 267, starting client 25/50, id: 94
round 267, starting client 26/50, id: 12
round 267, starting client 27/50, id: 67
round 267, starting client 28/50, id: 96
round 267, starting client 29/50, id: 60
round 267, starting client 30/50, id: 38
round 267, starting client 31/50, id: 9
round 267, starting client 32/50, id: 55
round 267, starting client 33/50, id: 32
round 267, starting client 34/50, id: 33
round 267, starting client 35/50, id: 35
round 267, starting client 36/50, id: 62
round 267, starting client 37/50, id: 63
round 267, starting client 38/50, id: 53
round 267, starting client 39/50, id: 13
round 267, starting client 40/50, id: 49
round 267, starting client 41/50, id: 77
round 267, starting client 42/50, id: 84
round 267, starting client 43/50, id: 37
round 267, starting client 44/50, id: 87
round 267, starting client 45/50, id: 82
round 267, starting client 46/50, id: 23
round 267, starting client 47/50, id: 24
round 267, starting client 48/50, id: 61
round 267, starting client 49/50, id: 48
round 267, starting client 50/50, id: 34
round 267, validation acc: 0.9747
starting round 268
clients: [14 55 47 91 45 37 64 30 49 44 67 83 6 52 12 22 58 86 46 36 51 23 26
80
71 98 39 62 88 77 81 4 90 50 11 21 18 89 25 31 43 69 32 94 7 72 76 78
68 19]
round 268, starting client 1/50, id: 14
round 268, starting client 2/50, id: 55
round 268, starting client 3/50, id: 47
round 268, starting client 4/50, id: 91
round 268, starting client 5/50, id: 45
round 268, starting client 6/50, id: 37
round 268, starting client 7/50, id: 64

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round 268, starting client 8/50, id: 30
round 268, starting client 9/50, id: 49
round 268, starting client 10/50, id: 44
round 268, starting client 11/50, id: 67
round 268, starting client 12/50, id: 83
round 268, starting client 13/50, id: 6
round 268, starting client 14/50, id: 52
round 268, starting client 15/50, id: 12
round 268, starting client 16/50, id: 22
round 268, starting client 17/50, id: 58
round 268, starting client 18/50, id: 86
round 268, starting client 19/50, id: 46
round 268, starting client 20/50, id: 36
round 268, starting client 21/50, id: 51
round 268, starting client 22/50, id: 23
round 268, starting client 23/50, id: 26
round 268, starting client 24/50, id: 80
round 268, starting client 25/50, id: 71
round 268, starting client 26/50, id: 98
round 268, starting client 27/50, id: 39
round 268, starting client 28/50, id: 62
round 268, starting client 29/50, id: 88
round 268, starting client 30/50, id: 77
round 268, starting client 31/50, id: 81
round 268, starting client 32/50, id: 4
round 268, starting client 33/50, id: 90
round 268, starting client 34/50, id: 50
round 268, starting client 35/50, id: 11
round 268, starting client 36/50, id: 21
round 268, starting client 37/50, id: 18
round 268, starting client 38/50, id: 89
round 268, starting client 39/50, id: 25
round 268, starting client 40/50, id: 31
round 268, starting client 41/50, id: 43
round 268, starting client 42/50, id: 69
round 268, starting client 43/50, id: 32
round 268, starting client 44/50, id: 94
round 268, starting client 45/50, id: 7
round 268, starting client 46/50, id: 72
round 268, starting client 47/50, id: 76
round 268, starting client 48/50, id: 78
round 268, starting client 49/50, id: 68
round 268, starting client 50/50, id: 19
round 268, validation acc: 0.9739
starting round 269
clients: [72 38 89 78 44 73 6 26 7 43 40 16 94 88 53 55 67 51 31 49 61 66 33
46
45 5 47 81 69 83 90 70 17 41 58 32 54 14 97 64 63 20 93 56 91 9 92 27

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65 28]

round 269, starting client 1/50, id: 72
round 269, starting client 2/50, id: 38
round 269, starting client 3/50, id: 89
round 269, starting client 4/50, id: 78
round 269, starting client 5/50, id: 44
round 269, starting client 6/50, id: 73
round 269, starting client 7/50, id: 6
round 269, starting client 8/50, id: 26
round 269, starting client 9/50, id: 7
round 269, starting client 10/50, id: 43
round 269, starting client 11/50, id: 40
round 269, starting client 12/50, id: 16
round 269, starting client 13/50, id: 94
round 269, starting client 14/50, id: 88
round 269, starting client 15/50, id: 53
round 269, starting client 16/50, id: 55
round 269, starting client 17/50, id: 67
round 269, starting client 18/50, id: 51
round 269, starting client 19/50, id: 31
round 269, starting client 20/50, id: 49
round 269, starting client 21/50, id: 61
round 269, starting client 22/50, id: 66
round 269, starting client 23/50, id: 33
round 269, starting client 24/50, id: 46
round 269, starting client 25/50, id: 45
round 269, starting client 26/50, id: 5
round 269, starting client 27/50, id: 47
round 269, starting client 28/50, id: 81
round 269, starting client 29/50, id: 69
round 269, starting client 30/50, id: 83
round 269, starting client 31/50, id: 90
round 269, starting client 32/50, id: 70
round 269, starting client 33/50, id: 17
round 269, starting client 34/50, id: 41
round 269, starting client 35/50, id: 58
round 269, starting client 36/50, id: 32
round 269, starting client 37/50, id: 54
round 269, starting client 38/50, id: 14
round 269, starting client 39/50, id: 97
round 269, starting client 40/50, id: 64
round 269, starting client 41/50, id: 63
round 269, starting client 42/50, id: 20
round 269, starting client 43/50, id: 93
round 269, starting client 44/50, id: 56
round 269, starting client 45/50, id: 91
round 269, starting client 46/50, id: 9
round 269, starting client 47/50, id: 92

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round 269, starting client 48/50, id: 27
round 269, starting client 49/50, id: 65
round 269, starting client 50/50, id: 28
round 269, validation acc: 0.9731
starting round 270
clients: [16 47 3 71 18 31 84 87 4 21 26 17 41 51 28 98 5 68 11 32 61 29 69
86
49 2 25 85 95 97 50 54 90 62 6 73 34 35 42 67 8 58 43 30 19 1 79 94
64 57]
round 270, starting client 1/50, id: 16
round 270, starting client 2/50, id: 47
round 270, starting client 3/50, id: 3
round 270, starting client 4/50, id: 71
round 270, starting client 5/50, id: 18
round 270, starting client 6/50, id: 31
round 270, starting client 7/50, id: 84
round 270, starting client 8/50, id: 87
round 270, starting client 9/50, id: 4
round 270, starting client 10/50, id: 21
round 270, starting client 11/50, id: 26
round 270, starting client 12/50, id: 17
round 270, starting client 13/50, id: 41
round 270, starting client 14/50, id: 51
round 270, starting client 15/50, id: 28
round 270, starting client 16/50, id: 98
round 270, starting client 17/50, id: 5
round 270, starting client 18/50, id: 68
round 270, starting client 19/50, id: 11
round 270, starting client 20/50, id: 32
round 270, starting client 21/50, id: 61
round 270, starting client 22/50, id: 29
round 270, starting client 23/50, id: 69
round 270, starting client 24/50, id: 86
round 270, starting client 25/50, id: 49
round 270, starting client 26/50, id: 2
round 270, starting client 27/50, id: 25
round 270, starting client 28/50, id: 85
round 270, starting client 29/50, id: 95
round 270, starting client 30/50, id: 97
round 270, starting client 31/50, id: 50
round 270, starting client 32/50, id: 54
round 270, starting client 33/50, id: 90
round 270, starting client 34/50, id: 62
round 270, starting client 35/50, id: 6
round 270, starting client 36/50, id: 73
round 270, starting client 37/50, id: 34
round 270, starting client 38/50, id: 35
round 270, starting client 39/50, id: 42

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round 270, starting client 40/50, id: 67
round 270, starting client 41/50, id: 8
round 270, starting client 42/50, id: 58
round 270, starting client 43/50, id: 43
round 270, starting client 44/50, id: 30
round 270, starting client 45/50, id: 19
round 270, starting client 46/50, id: 1
round 270, starting client 47/50, id: 79
round 270, starting client 48/50, id: 94
round 270, starting client 49/50, id: 64
round 270, starting client 50/50, id: 57
round 270, validation acc: 0.9745
starting round 271
clients: [77 0 12 2 98 46 36 39 44 3 4 25 37 32 43 27 7 70 91 94 10 88 48
72
65 9 57 66 8 21 99 29 81 22 89 69 97 11 24 6 50 5 56 54 23 59 52 26
14 93]
round 271, starting client 1/50, id: 77
round 271, starting client 2/50, id: 0
round 271, starting client 3/50, id: 12
round 271, starting client 4/50, id: 2
round 271, starting client 5/50, id: 98
round 271, starting client 6/50, id: 46
round 271, starting client 7/50, id: 36
round 271, starting client 8/50, id: 39
round 271, starting client 9/50, id: 44
round 271, starting client 10/50, id: 3
round 271, starting client 11/50, id: 4
round 271, starting client 12/50, id: 25
round 271, starting client 13/50, id: 37
round 271, starting client 14/50, id: 32
round 271, starting client 15/50, id: 43
round 271, starting client 16/50, id: 27
round 271, starting client 17/50, id: 7
round 271, starting client 18/50, id: 70
round 271, starting client 19/50, id: 91
round 271, starting client 20/50, id: 94
round 271, starting client 21/50, id: 10
round 271, starting client 22/50, id: 88
round 271, starting client 23/50, id: 48
round 271, starting client 24/50, id: 72
round 271, starting client 25/50, id: 65
round 271, starting client 26/50, id: 9
round 271, starting client 27/50, id: 57
round 271, starting client 28/50, id: 66
round 271, starting client 29/50, id: 8
round 271, starting client 30/50, id: 21
round 271, starting client 31/50, id: 99

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round 271, starting client 32/50, id: 29
round 271, starting client 33/50, id: 81
round 271, starting client 34/50, id: 22
round 271, starting client 35/50, id: 89
round 271, starting client 36/50, id: 69
round 271, starting client 37/50, id: 97
round 271, starting client 38/50, id: 11
round 271, starting client 39/50, id: 24
round 271, starting client 40/50, id: 6
round 271, starting client 41/50, id: 50
round 271, starting client 42/50, id: 5
round 271, starting client 43/50, id: 56
round 271, starting client 44/50, id: 54
round 271, starting client 45/50, id: 23
round 271, starting client 46/50, id: 59
round 271, starting client 47/50, id: 52
round 271, starting client 48/50, id: 26
round 271, starting client 49/50, id: 14
round 271, starting client 50/50, id: 93
round 271, validation acc: 0.973
starting round 272
clients: [70 18 32 97 58 42 59 76 74 53 16 15 36 43 45 73 83 27 37 89 72 54 47
31
22 56 1 79 85 12 65 25 17 51 26 33 67 63 46 10 84 6 28 66 88 4 82 30
93 52]
round 272, starting client 1/50, id: 70
round 272, starting client 2/50, id: 18
round 272, starting client 3/50, id: 32
round 272, starting client 4/50, id: 97
round 272, starting client 5/50, id: 58
round 272, starting client 6/50, id: 42
round 272, starting client 7/50, id: 59
round 272, starting client 8/50, id: 76
round 272, starting client 9/50, id: 74
round 272, starting client 10/50, id: 53
round 272, starting client 11/50, id: 16
round 272, starting client 12/50, id: 15
round 272, starting client 13/50, id: 36
round 272, starting client 14/50, id: 43
round 272, starting client 15/50, id: 45
round 272, starting client 16/50, id: 73
round 272, starting client 17/50, id: 83
round 272, starting client 18/50, id: 27
round 272, starting client 19/50, id: 37
round 272, starting client 20/50, id: 89
round 272, starting client 21/50, id: 72
round 272, starting client 22/50, id: 54
round 272, starting client 23/50, id: 47

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round 272, starting client 24/50, id: 31
round 272, starting client 25/50, id: 22
round 272, starting client 26/50, id: 56
round 272, starting client 27/50, id: 1
round 272, starting client 28/50, id: 79
round 272, starting client 29/50, id: 85
round 272, starting client 30/50, id: 12
round 272, starting client 31/50, id: 65
round 272, starting client 32/50, id: 25
round 272, starting client 33/50, id: 17
round 272, starting client 34/50, id: 51
round 272, starting client 35/50, id: 26
round 272, starting client 36/50, id: 33
round 272, starting client 37/50, id: 67
round 272, starting client 38/50, id: 63
round 272, starting client 39/50, id: 46
round 272, starting client 40/50, id: 10
round 272, starting client 41/50, id: 84
round 272, starting client 42/50, id: 6
round 272, starting client 43/50, id: 28
round 272, starting client 44/50, id: 66
round 272, starting client 45/50, id: 88
round 272, starting client 46/50, id: 4
round 272, starting client 47/50, id: 82
round 272, starting client 48/50, id: 30
round 272, starting client 49/50, id: 93
round 272, starting client 50/50, id: 52
round 272, validation acc: 0.9732
starting round 273
clients: [45 0 74 46 51 60 97 63 16 99 77 24 36 64 5 68 1 80 48 23 30 61 79
19
75 8 20 91 25 9 4 66 76 11 82 85 78 96 72 81 31 18 27 55 43 13 17 54
92 87]
round 273, starting client 1/50, id: 45
round 273, starting client 2/50, id: 0
round 273, starting client 3/50, id: 74
round 273, starting client 4/50, id: 46
round 273, starting client 5/50, id: 51
round 273, starting client 6/50, id: 60
round 273, starting client 7/50, id: 97
round 273, starting client 8/50, id: 63
round 273, starting client 9/50, id: 16
round 273, starting client 10/50, id: 99
round 273, starting client 11/50, id: 77
round 273, starting client 12/50, id: 24
round 273, starting client 13/50, id: 36
round 273, starting client 14/50, id: 64
round 273, starting client 15/50, id: 5

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round 273, starting client 16/50, id: 68
round 273, starting client 17/50, id: 1
round 273, starting client 18/50, id: 80
round 273, starting client 19/50, id: 48
round 273, starting client 20/50, id: 23
round 273, starting client 21/50, id: 30
round 273, starting client 22/50, id: 61
round 273, starting client 23/50, id: 79
round 273, starting client 24/50, id: 19
round 273, starting client 25/50, id: 75
round 273, starting client 26/50, id: 8
round 273, starting client 27/50, id: 20
round 273, starting client 28/50, id: 91
round 273, starting client 29/50, id: 25
round 273, starting client 30/50, id: 9
round 273, starting client 31/50, id: 4
round 273, starting client 32/50, id: 66
round 273, starting client 33/50, id: 76
round 273, starting client 34/50, id: 11
round 273, starting client 35/50, id: 82
round 273, starting client 36/50, id: 85
round 273, starting client 37/50, id: 78
round 273, starting client 38/50, id: 96
round 273, starting client 39/50, id: 72
round 273, starting client 40/50, id: 81
round 273, starting client 41/50, id: 31
round 273, starting client 42/50, id: 18
round 273, starting client 43/50, id: 27
round 273, starting client 44/50, id: 55
round 273, starting client 45/50, id: 43
round 273, starting client 46/50, id: 13
round 273, starting client 47/50, id: 17
round 273, starting client 48/50, id: 54
round 273, starting client 49/50, id: 92
round 273, starting client 50/50, id: 87
round 273, validation acc: 0.9736
starting round 274
clients: [16 41 18 76 86 49 85 70 63 14 64 5 25 77 98 53 8 42 17 65 60 52 67
50
28 69 99 83 71 36 56 4 40 47 10 95 19 26 0 68 37 30 96 13 97 62 84 20
57 91]
round 274, starting client 1/50, id: 16
round 274, starting client 2/50, id: 41
round 274, starting client 3/50, id: 18
round 274, starting client 4/50, id: 76
round 274, starting client 5/50, id: 86
round 274, starting client 6/50, id: 49
round 274, starting client 7/50, id: 85

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round 274, starting client 8/50, id: 70
round 274, starting client 9/50, id: 63
round 274, starting client 10/50, id: 14
round 274, starting client 11/50, id: 64
round 274, starting client 12/50, id: 5
round 274, starting client 13/50, id: 25
round 274, starting client 14/50, id: 77
round 274, starting client 15/50, id: 98
round 274, starting client 16/50, id: 53
round 274, starting client 17/50, id: 8
round 274, starting client 18/50, id: 42
round 274, starting client 19/50, id: 17
round 274, starting client 20/50, id: 65
round 274, starting client 21/50, id: 60
round 274, starting client 22/50, id: 52
round 274, starting client 23/50, id: 67
round 274, starting client 24/50, id: 50
round 274, starting client 25/50, id: 28
round 274, starting client 26/50, id: 69
round 274, starting client 27/50, id: 99
round 274, starting client 28/50, id: 83
round 274, starting client 29/50, id: 71
round 274, starting client 30/50, id: 36
round 274, starting client 31/50, id: 56
round 274, starting client 32/50, id: 4
round 274, starting client 33/50, id: 40
round 274, starting client 34/50, id: 47
round 274, starting client 35/50, id: 10
round 274, starting client 36/50, id: 95
round 274, starting client 37/50, id: 19
round 274, starting client 38/50, id: 26
round 274, starting client 39/50, id: 0
round 274, starting client 40/50, id: 68
round 274, starting client 41/50, id: 37
round 274, starting client 42/50, id: 30
round 274, starting client 43/50, id: 96
round 274, starting client 44/50, id: 13
round 274, starting client 45/50, id: 97
round 274, starting client 46/50, id: 62
round 274, starting client 47/50, id: 84
round 274, starting client 48/50, id: 20
round 274, starting client 49/50, id: 57
round 274, starting client 50/50, id: 91
round 274, validation acc: 0.9734
starting round 275
clients: [86 36 7 0 51 85 10 41 83 47 73 91 21 75 31 87 90 79 42 78 50 64 17
74
20 9 99 72 92 3 6 94 5 40 81 89 62 55 43 56 48 67 35 76 96 12 34 28

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88 37]

round 275, starting client 1/50, id: 86
round 275, starting client 2/50, id: 36
round 275, starting client 3/50, id: 7
round 275, starting client 4/50, id: 0
round 275, starting client 5/50, id: 51
round 275, starting client 6/50, id: 85
round 275, starting client 7/50, id: 10
round 275, starting client 8/50, id: 41
round 275, starting client 9/50, id: 83
round 275, starting client 10/50, id: 47
round 275, starting client 11/50, id: 73
round 275, starting client 12/50, id: 91
round 275, starting client 13/50, id: 21
round 275, starting client 14/50, id: 75
round 275, starting client 15/50, id: 31
round 275, starting client 16/50, id: 87
round 275, starting client 17/50, id: 90
round 275, starting client 18/50, id: 79
round 275, starting client 19/50, id: 42
round 275, starting client 20/50, id: 78
round 275, starting client 21/50, id: 50
round 275, starting client 22/50, id: 64
round 275, starting client 23/50, id: 17
round 275, starting client 24/50, id: 74
round 275, starting client 25/50, id: 20
round 275, starting client 26/50, id: 9
round 275, starting client 27/50, id: 99
round 275, starting client 28/50, id: 72
round 275, starting client 29/50, id: 92
round 275, starting client 30/50, id: 3
round 275, starting client 31/50, id: 6
round 275, starting client 32/50, id: 94
round 275, starting client 33/50, id: 5
round 275, starting client 34/50, id: 40
round 275, starting client 35/50, id: 81
round 275, starting client 36/50, id: 89
round 275, starting client 37/50, id: 62
round 275, starting client 38/50, id: 55
round 275, starting client 39/50, id: 43
round 275, starting client 40/50, id: 56
round 275, starting client 41/50, id: 48
round 275, starting client 42/50, id: 67
round 275, starting client 43/50, id: 35
round 275, starting client 44/50, id: 76
round 275, starting client 45/50, id: 96
round 275, starting client 46/50, id: 12
round 275, starting client 47/50, id: 34

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round 275, starting client 48/50, id: 28
round 275, starting client 49/50, id: 88
round 275, starting client 50/50, id: 37
round 275, validation acc: 0.9729
starting round 276
clients: [91 67 98 11 93 14 5 4 69 46 50 43 8 78 21 72 6 49 70 57 9 23 47
3
51 28 58 64 26 53 87 20 33 61 99 45 71 63 75 30 1 31 55 52 37 27 36 83
19 86]
round 276, starting client 1/50, id: 91
round 276, starting client 2/50, id: 67
round 276, starting client 3/50, id: 98
round 276, starting client 4/50, id: 11
round 276, starting client 5/50, id: 93
round 276, starting client 6/50, id: 14
round 276, starting client 7/50, id: 5
round 276, starting client 8/50, id: 4
round 276, starting client 9/50, id: 69
round 276, starting client 10/50, id: 46
round 276, starting client 11/50, id: 50
round 276, starting client 12/50, id: 43
round 276, starting client 13/50, id: 8
round 276, starting client 14/50, id: 78
round 276, starting client 15/50, id: 21
round 276, starting client 16/50, id: 72
round 276, starting client 17/50, id: 6
round 276, starting client 18/50, id: 49
round 276, starting client 19/50, id: 70
round 276, starting client 20/50, id: 57
round 276, starting client 21/50, id: 9
round 276, starting client 22/50, id: 23
round 276, starting client 23/50, id: 47
round 276, starting client 24/50, id: 3
round 276, starting client 25/50, id: 51
round 276, starting client 26/50, id: 28
round 276, starting client 27/50, id: 58
round 276, starting client 28/50, id: 64
round 276, starting client 29/50, id: 26
round 276, starting client 30/50, id: 53
round 276, starting client 31/50, id: 87
round 276, starting client 32/50, id: 20
round 276, starting client 33/50, id: 33
round 276, starting client 34/50, id: 61
round 276, starting client 35/50, id: 99
round 276, starting client 36/50, id: 45
round 276, starting client 37/50, id: 71
round 276, starting client 38/50, id: 63
round 276, starting client 39/50, id: 75

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round 276, starting client 40/50, id: 30
round 276, starting client 41/50, id: 1
round 276, starting client 42/50, id: 31
round 276, starting client 43/50, id: 55
round 276, starting client 44/50, id: 52
round 276, starting client 45/50, id: 37
round 276, starting client 46/50, id: 27
round 276, starting client 47/50, id: 36
round 276, starting client 48/50, id: 83
round 276, starting client 49/50, id: 19
round 276, starting client 50/50, id: 86
round 276, validation acc: 0.9745
starting round 277
clients: [92 44 43 73 65 98 5 95 28 83 33 87 82 74 24 90 41 25 4 2 58 67 93
84
3 0 22 36 78 39 47 72 70 34 48 69 38 46 9 49 10 99 75 19 30 61 77 66
37 88]
round 277, starting client 1/50, id: 92
round 277, starting client 2/50, id: 44
round 277, starting client 3/50, id: 43
round 277, starting client 4/50, id: 73
round 277, starting client 5/50, id: 65
round 277, starting client 6/50, id: 98
round 277, starting client 7/50, id: 5
round 277, starting client 8/50, id: 95
round 277, starting client 9/50, id: 28
round 277, starting client 10/50, id: 83
round 277, starting client 11/50, id: 33
round 277, starting client 12/50, id: 87
round 277, starting client 13/50, id: 82
round 277, starting client 14/50, id: 74
round 277, starting client 15/50, id: 24
round 277, starting client 16/50, id: 90
round 277, starting client 17/50, id: 41
round 277, starting client 18/50, id: 25
round 277, starting client 19/50, id: 4
round 277, starting client 20/50, id: 2
round 277, starting client 21/50, id: 58
round 277, starting client 22/50, id: 67
round 277, starting client 23/50, id: 93
round 277, starting client 24/50, id: 84
round 277, starting client 25/50, id: 3
round 277, starting client 26/50, id: 0
round 277, starting client 27/50, id: 22
round 277, starting client 28/50, id: 36
round 277, starting client 29/50, id: 78
round 277, starting client 30/50, id: 39
round 277, starting client 31/50, id: 47

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round 277, starting client 32/50, id: 72
 round 277, starting client 33/50, id: 70
 round 277, starting client 34/50, id: 34
 round 277, starting client 35/50, id: 48
 round 277, starting client 36/50, id: 69
 round 277, starting client 37/50, id: 38
 round 277, starting client 38/50, id: 46
 round 277, starting client 39/50, id: 9
 round 277, starting client 40/50, id: 49
 round 277, starting client 41/50, id: 10
 round 277, starting client 42/50, id: 99
 round 277, starting client 43/50, id: 75
 round 277, starting client 44/50, id: 19
 round 277, starting client 45/50, id: 30
 round 277, starting client 46/50, id: 61
 round 277, starting client 47/50, id: 77
 round 277, starting client 48/50, id: 66
 round 277, starting client 49/50, id: 37
 round 277, starting client 50/50, id: 88
 round 277, validation acc: 0.974
 starting round 278
 clients: [53 52 27 59 88 18 97 28 57 21 82 92 58 26 1 29 74 14 33 23 65 43 91
 69
 68 20 95 37 34 48 22 0 98 84 99 24 61 25 90 73 87 60 45 46 49 79 80 44
 4 94]
 round 278, starting client 1/50, id: 53
 round 278, starting client 2/50, id: 52
 round 278, starting client 3/50, id: 27
 round 278, starting client 4/50, id: 59
 round 278, starting client 5/50, id: 88
 round 278, starting client 6/50, id: 18
 round 278, starting client 7/50, id: 97
 round 278, starting client 8/50, id: 28
 round 278, starting client 9/50, id: 57
 round 278, starting client 10/50, id: 21
 round 278, starting client 11/50, id: 82
 round 278, starting client 12/50, id: 92
 round 278, starting client 13/50, id: 58
 round 278, starting client 14/50, id: 26
 round 278, starting client 15/50, id: 1
 round 278, starting client 16/50, id: 29
 round 278, starting client 17/50, id: 74
 round 278, starting client 18/50, id: 14
 round 278, starting client 19/50, id: 33
 round 278, starting client 20/50, id: 23
 round 278, starting client 21/50, id: 65
 round 278, starting client 22/50, id: 43
 round 278, starting client 23/50, id: 91

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round 278, starting client 24/50, id: 69
round 278, starting client 25/50, id: 68
round 278, starting client 26/50, id: 20
round 278, starting client 27/50, id: 95
round 278, starting client 28/50, id: 37
round 278, starting client 29/50, id: 34
round 278, starting client 30/50, id: 48
round 278, starting client 31/50, id: 22
round 278, starting client 32/50, id: 0
round 278, starting client 33/50, id: 98
round 278, starting client 34/50, id: 84
round 278, starting client 35/50, id: 99
round 278, starting client 36/50, id: 24
round 278, starting client 37/50, id: 61
round 278, starting client 38/50, id: 25
round 278, starting client 39/50, id: 90
round 278, starting client 40/50, id: 73
round 278, starting client 41/50, id: 87
round 278, starting client 42/50, id: 60
round 278, starting client 43/50, id: 45
round 278, starting client 44/50, id: 46
round 278, starting client 45/50, id: 49
round 278, starting client 46/50, id: 79
round 278, starting client 47/50, id: 80
round 278, starting client 48/50, id: 44
round 278, starting client 49/50, id: 4
round 278, starting client 50/50, id: 94
round 278, validation acc: 0.9739
starting round 279
clients: [48 86 75 50 76 55 45 62 14 38 49 34 82 37 85 88 87 21 67 20 92 77 2
46
7 24 33 84 11 97 52 13 96 4 43 51 28 53 40 31 93 0 70 60 16 74 95 17
23 27]
round 279, starting client 1/50, id: 48
round 279, starting client 2/50, id: 86
round 279, starting client 3/50, id: 75
round 279, starting client 4/50, id: 50
round 279, starting client 5/50, id: 76
round 279, starting client 6/50, id: 55
round 279, starting client 7/50, id: 45
round 279, starting client 8/50, id: 62
round 279, starting client 9/50, id: 14
round 279, starting client 10/50, id: 38
round 279, starting client 11/50, id: 49
round 279, starting client 12/50, id: 34
round 279, starting client 13/50, id: 82
round 279, starting client 14/50, id: 37
round 279, starting client 15/50, id: 85

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round 279, starting client 16/50, id: 88
round 279, starting client 17/50, id: 87
round 279, starting client 18/50, id: 21
round 279, starting client 19/50, id: 67
round 279, starting client 20/50, id: 20
round 279, starting client 21/50, id: 92
round 279, starting client 22/50, id: 77
round 279, starting client 23/50, id: 2
round 279, starting client 24/50, id: 46
round 279, starting client 25/50, id: 7
round 279, starting client 26/50, id: 24
round 279, starting client 27/50, id: 33
round 279, starting client 28/50, id: 84
round 279, starting client 29/50, id: 11
round 279, starting client 30/50, id: 97
round 279, starting client 31/50, id: 52
round 279, starting client 32/50, id: 13
round 279, starting client 33/50, id: 96
round 279, starting client 34/50, id: 4
round 279, starting client 35/50, id: 43
round 279, starting client 36/50, id: 51
round 279, starting client 37/50, id: 28
round 279, starting client 38/50, id: 53
round 279, starting client 39/50, id: 40
round 279, starting client 40/50, id: 31
round 279, starting client 41/50, id: 93
round 279, starting client 42/50, id: 0
round 279, starting client 43/50, id: 70
round 279, starting client 44/50, id: 60
round 279, starting client 45/50, id: 16
round 279, starting client 46/50, id: 74
round 279, starting client 47/50, id: 95
round 279, starting client 48/50, id: 17
round 279, starting client 49/50, id: 23
round 279, starting client 50/50, id: 27
round 279, validation acc: 0.9739
starting round 280
clients: [46 32 87 94 35 47 42 65 79 26 8 82 36 64 15 52 40 72 96 68 53 95 76
22
51 84 6 13 45 73 41 49 69 97 4 31 2 44 17 37 70 85 88 11 62 23 27 18
33 60]
round 280, starting client 1/50, id: 46
round 280, starting client 2/50, id: 32
round 280, starting client 3/50, id: 87
round 280, starting client 4/50, id: 94
round 280, starting client 5/50, id: 35
round 280, starting client 6/50, id: 47
round 280, starting client 7/50, id: 42

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round 280, starting client 8/50, id: 65
round 280, starting client 9/50, id: 79
round 280, starting client 10/50, id: 26
round 280, starting client 11/50, id: 8
round 280, starting client 12/50, id: 82
round 280, starting client 13/50, id: 36
round 280, starting client 14/50, id: 64
round 280, starting client 15/50, id: 15
round 280, starting client 16/50, id: 52
round 280, starting client 17/50, id: 40
round 280, starting client 18/50, id: 72
round 280, starting client 19/50, id: 96
round 280, starting client 20/50, id: 68
round 280, starting client 21/50, id: 53
round 280, starting client 22/50, id: 95
round 280, starting client 23/50, id: 76
round 280, starting client 24/50, id: 22
round 280, starting client 25/50, id: 51
round 280, starting client 26/50, id: 84
round 280, starting client 27/50, id: 6
round 280, starting client 28/50, id: 13
round 280, starting client 29/50, id: 45
round 280, starting client 30/50, id: 73
round 280, starting client 31/50, id: 41
round 280, starting client 32/50, id: 49
round 280, starting client 33/50, id: 69
round 280, starting client 34/50, id: 97
round 280, starting client 35/50, id: 4
round 280, starting client 36/50, id: 31
round 280, starting client 37/50, id: 2
round 280, starting client 38/50, id: 44
round 280, starting client 39/50, id: 17
round 280, starting client 40/50, id: 37
round 280, starting client 41/50, id: 70
round 280, starting client 42/50, id: 85
round 280, starting client 43/50, id: 88
round 280, starting client 44/50, id: 11
round 280, starting client 45/50, id: 62
round 280, starting client 46/50, id: 23
round 280, starting client 47/50, id: 27
round 280, starting client 48/50, id: 18
round 280, starting client 49/50, id: 33
round 280, starting client 50/50, id: 60
round 280, validation acc: 0.9745
starting round 281
clients: [52 90 19 98 58 13 6 0 75 69 28 83 62 1 81 5 65 67 11 97 70 43 86
64
34 3 27 35 42 37 92 45 44 87 10 50 9 96 18 30 23 51 85 84 93 7 77 53

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60 17]

round 281, starting client 1/50, id: 52
round 281, starting client 2/50, id: 90
round 281, starting client 3/50, id: 19
round 281, starting client 4/50, id: 98
round 281, starting client 5/50, id: 58
round 281, starting client 6/50, id: 13
round 281, starting client 7/50, id: 6
round 281, starting client 8/50, id: 0
round 281, starting client 9/50, id: 75
round 281, starting client 10/50, id: 69
round 281, starting client 11/50, id: 28
round 281, starting client 12/50, id: 83
round 281, starting client 13/50, id: 62
round 281, starting client 14/50, id: 1
round 281, starting client 15/50, id: 81
round 281, starting client 16/50, id: 5
round 281, starting client 17/50, id: 65
round 281, starting client 18/50, id: 67
round 281, starting client 19/50, id: 11
round 281, starting client 20/50, id: 97
round 281, starting client 21/50, id: 70
round 281, starting client 22/50, id: 43
round 281, starting client 23/50, id: 86
round 281, starting client 24/50, id: 64
round 281, starting client 25/50, id: 34
round 281, starting client 26/50, id: 3
round 281, starting client 27/50, id: 27
round 281, starting client 28/50, id: 35
round 281, starting client 29/50, id: 42
round 281, starting client 30/50, id: 37
round 281, starting client 31/50, id: 92
round 281, starting client 32/50, id: 45
round 281, starting client 33/50, id: 44
round 281, starting client 34/50, id: 87
round 281, starting client 35/50, id: 10
round 281, starting client 36/50, id: 50
round 281, starting client 37/50, id: 9
round 281, starting client 38/50, id: 96
round 281, starting client 39/50, id: 18
round 281, starting client 40/50, id: 30
round 281, starting client 41/50, id: 23
round 281, starting client 42/50, id: 51
round 281, starting client 43/50, id: 85
round 281, starting client 44/50, id: 84
round 281, starting client 45/50, id: 93
round 281, starting client 46/50, id: 7
round 281, starting client 47/50, id: 77

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round 281, starting client 48/50, id: 53
round 281, starting client 49/50, id: 60
round 281, starting client 50/50, id: 17
round 281, validation acc: 0.9734
starting round 282
clients: [49 18 26 79 23 63 44 47 30 42 69 13 83 22 33 5 65 81 53 68 8 54 91
12
43 99 7 21 58 61 87 6 98 92 31 48 66 97 17 60 57 51 52 34 75 32 45 67
82 50]
round 282, starting client 1/50, id: 49
round 282, starting client 2/50, id: 18
round 282, starting client 3/50, id: 26
round 282, starting client 4/50, id: 79
round 282, starting client 5/50, id: 23
round 282, starting client 6/50, id: 63
round 282, starting client 7/50, id: 44
round 282, starting client 8/50, id: 47
round 282, starting client 9/50, id: 30
round 282, starting client 10/50, id: 42
round 282, starting client 11/50, id: 69
round 282, starting client 12/50, id: 13
round 282, starting client 13/50, id: 83
round 282, starting client 14/50, id: 22
round 282, starting client 15/50, id: 33
round 282, starting client 16/50, id: 5
round 282, starting client 17/50, id: 65
round 282, starting client 18/50, id: 81
round 282, starting client 19/50, id: 53
round 282, starting client 20/50, id: 68
round 282, starting client 21/50, id: 8
round 282, starting client 22/50, id: 54
round 282, starting client 23/50, id: 91
round 282, starting client 24/50, id: 12
round 282, starting client 25/50, id: 43
round 282, starting client 26/50, id: 99
round 282, starting client 27/50, id: 7
round 282, starting client 28/50, id: 21
round 282, starting client 29/50, id: 58
round 282, starting client 30/50, id: 61
round 282, starting client 31/50, id: 87
round 282, starting client 32/50, id: 6
round 282, starting client 33/50, id: 98
round 282, starting client 34/50, id: 92
round 282, starting client 35/50, id: 31
round 282, starting client 36/50, id: 48
round 282, starting client 37/50, id: 66
round 282, starting client 38/50, id: 97
round 282, starting client 39/50, id: 17

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round 282, starting client 40/50, id: 60
 round 282, starting client 41/50, id: 57
 round 282, starting client 42/50, id: 51
 round 282, starting client 43/50, id: 52
 round 282, starting client 44/50, id: 34
 round 282, starting client 45/50, id: 75
 round 282, starting client 46/50, id: 32
 round 282, starting client 47/50, id: 45
 round 282, starting client 48/50, id: 67
 round 282, starting client 49/50, id: 82
 round 282, starting client 50/50, id: 50
 round 282, validation acc: 0.9734
 starting round 283
 clients: [65 77 55 14 40 30 38 93 87 29 91 52 82 58 4 34 86 19 26 3 16 15 31
 21
 85 12 88 73 61 36 99 53 0 5 81 11 32 66 80 18 9 33 79 71 20 43 59 48
 35 28]
 round 283, starting client 1/50, id: 65
 round 283, starting client 2/50, id: 77
 round 283, starting client 3/50, id: 55
 round 283, starting client 4/50, id: 14
 round 283, starting client 5/50, id: 40
 round 283, starting client 6/50, id: 30
 round 283, starting client 7/50, id: 38
 round 283, starting client 8/50, id: 93
 round 283, starting client 9/50, id: 87
 round 283, starting client 10/50, id: 29
 round 283, starting client 11/50, id: 91
 round 283, starting client 12/50, id: 52
 round 283, starting client 13/50, id: 82
 round 283, starting client 14/50, id: 58
 round 283, starting client 15/50, id: 4
 round 283, starting client 16/50, id: 34
 round 283, starting client 17/50, id: 86
 round 283, starting client 18/50, id: 19
 round 283, starting client 19/50, id: 26
 round 283, starting client 20/50, id: 3
 round 283, starting client 21/50, id: 16
 round 283, starting client 22/50, id: 15
 round 283, starting client 23/50, id: 31
 round 283, starting client 24/50, id: 21
 round 283, starting client 25/50, id: 85
 round 283, starting client 26/50, id: 12
 round 283, starting client 27/50, id: 88
 round 283, starting client 28/50, id: 73
 round 283, starting client 29/50, id: 61
 round 283, starting client 30/50, id: 36
 round 283, starting client 31/50, id: 99

round 283, starting client 32/50, id: 53
 round 283, starting client 33/50, id: 0
 round 283, starting client 34/50, id: 5
 round 283, starting client 35/50, id: 81
 round 283, starting client 36/50, id: 11
 round 283, starting client 37/50, id: 32
 round 283, starting client 38/50, id: 66
 round 283, starting client 39/50, id: 80
 round 283, starting client 40/50, id: 18
 round 283, starting client 41/50, id: 9
 round 283, starting client 42/50, id: 33
 round 283, starting client 43/50, id: 79
 round 283, starting client 44/50, id: 71
 round 283, starting client 45/50, id: 20
 round 283, starting client 46/50, id: 43
 round 283, starting client 47/50, id: 59
 round 283, starting client 48/50, id: 48
 round 283, starting client 49/50, id: 35
 round 283, starting client 50/50, id: 28
 round 283, validation acc: 0.9741
 starting round 284
 clients: [51 29 52 74 87 38 42 15 36 69 99 0 91 41 78 85 26 64 9 25 50 10 79
 82
 86 66 30 62 47 39 21 43 76 1 97 18 75 46 58 72 84 59 37 83 93 23 73 95
 11 16]
 round 284, starting client 1/50, id: 51
 round 284, starting client 2/50, id: 29
 round 284, starting client 3/50, id: 52
 round 284, starting client 4/50, id: 74
 round 284, starting client 5/50, id: 87
 round 284, starting client 6/50, id: 38
 round 284, starting client 7/50, id: 42
 round 284, starting client 8/50, id: 15
 round 284, starting client 9/50, id: 36
 round 284, starting client 10/50, id: 69
 round 284, starting client 11/50, id: 99
 round 284, starting client 12/50, id: 0
 round 284, starting client 13/50, id: 91
 round 284, starting client 14/50, id: 41
 round 284, starting client 15/50, id: 78
 round 284, starting client 16/50, id: 85
 round 284, starting client 17/50, id: 26
 round 284, starting client 18/50, id: 64
 round 284, starting client 19/50, id: 9
 round 284, starting client 20/50, id: 25
 round 284, starting client 21/50, id: 50
 round 284, starting client 22/50, id: 10
 round 284, starting client 23/50, id: 79

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round 284, starting client 24/50, id: 82
round 284, starting client 25/50, id: 86
round 284, starting client 26/50, id: 66
round 284, starting client 27/50, id: 30
round 284, starting client 28/50, id: 62
round 284, starting client 29/50, id: 47
round 284, starting client 30/50, id: 39
round 284, starting client 31/50, id: 21
round 284, starting client 32/50, id: 43
round 284, starting client 33/50, id: 76
round 284, starting client 34/50, id: 1
round 284, starting client 35/50, id: 97
round 284, starting client 36/50, id: 18
round 284, starting client 37/50, id: 75
round 284, starting client 38/50, id: 46
round 284, starting client 39/50, id: 58
round 284, starting client 40/50, id: 72
round 284, starting client 41/50, id: 84
round 284, starting client 42/50, id: 59
round 284, starting client 43/50, id: 37
round 284, starting client 44/50, id: 83
round 284, starting client 45/50, id: 93
round 284, starting client 46/50, id: 23
round 284, starting client 47/50, id: 73
round 284, starting client 48/50, id: 95
round 284, starting client 49/50, id: 11
round 284, starting client 50/50, id: 16
round 284, validation acc: 0.9747
starting round 285
clients: [89 90 32 77 54 73 7 52 5 74 44 18 53 82 94 24 62 37 47 3 65 31 98
69
20 49 0 45 27 56 12 51 35 48 59 86 33 93 75 39 23 4 78 43 81 60 58 16
70 92]
round 285, starting client 1/50, id: 89
round 285, starting client 2/50, id: 90
round 285, starting client 3/50, id: 32
round 285, starting client 4/50, id: 77
round 285, starting client 5/50, id: 54
round 285, starting client 6/50, id: 73
round 285, starting client 7/50, id: 7
round 285, starting client 8/50, id: 52
round 285, starting client 9/50, id: 5
round 285, starting client 10/50, id: 74
round 285, starting client 11/50, id: 44
round 285, starting client 12/50, id: 18
round 285, starting client 13/50, id: 53
round 285, starting client 14/50, id: 82
round 285, starting client 15/50, id: 94

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round 285, starting client 16/50, id: 24
round 285, starting client 17/50, id: 62
round 285, starting client 18/50, id: 37
round 285, starting client 19/50, id: 47
round 285, starting client 20/50, id: 3
round 285, starting client 21/50, id: 65
round 285, starting client 22/50, id: 31
round 285, starting client 23/50, id: 98
round 285, starting client 24/50, id: 69
round 285, starting client 25/50, id: 20
round 285, starting client 26/50, id: 49
round 285, starting client 27/50, id: 0
round 285, starting client 28/50, id: 45
round 285, starting client 29/50, id: 27
round 285, starting client 30/50, id: 56
round 285, starting client 31/50, id: 12
round 285, starting client 32/50, id: 51
round 285, starting client 33/50, id: 35
round 285, starting client 34/50, id: 48
round 285, starting client 35/50, id: 59
round 285, starting client 36/50, id: 86
round 285, starting client 37/50, id: 33
round 285, starting client 38/50, id: 93
round 285, starting client 39/50, id: 75
round 285, starting client 40/50, id: 39
round 285, starting client 41/50, id: 23
round 285, starting client 42/50, id: 4
round 285, starting client 43/50, id: 78
round 285, starting client 44/50, id: 43
round 285, starting client 45/50, id: 81
round 285, starting client 46/50, id: 60
round 285, starting client 47/50, id: 58
round 285, starting client 48/50, id: 16
round 285, starting client 49/50, id: 70
round 285, starting client 50/50, id: 92
round 285, validation acc: 0.9746
starting round 286
clients: [ 3 54 0 38 31 7 95 9 43 27 2 70 21 97 75 62 94 73 69 6 91 18 19
47
20 51 56 64 53 72 11 44 85 65 45 25 68 49 52 59 8 98 5 30 40 71 61 34
76 74]
round 286, starting client 1/50, id: 3
round 286, starting client 2/50, id: 54
round 286, starting client 3/50, id: 0
round 286, starting client 4/50, id: 38
round 286, starting client 5/50, id: 31
round 286, starting client 6/50, id: 7
round 286, starting client 7/50, id: 95

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round 286, starting client 8/50, id: 9
round 286, starting client 9/50, id: 43
round 286, starting client 10/50, id: 27
round 286, starting client 11/50, id: 2
round 286, starting client 12/50, id: 70
round 286, starting client 13/50, id: 21
round 286, starting client 14/50, id: 97
round 286, starting client 15/50, id: 75
round 286, starting client 16/50, id: 62
round 286, starting client 17/50, id: 94
round 286, starting client 18/50, id: 73
round 286, starting client 19/50, id: 69
round 286, starting client 20/50, id: 6
round 286, starting client 21/50, id: 91
round 286, starting client 22/50, id: 18
round 286, starting client 23/50, id: 19
round 286, starting client 24/50, id: 47
round 286, starting client 25/50, id: 20
round 286, starting client 26/50, id: 51
round 286, starting client 27/50, id: 56
round 286, starting client 28/50, id: 64
round 286, starting client 29/50, id: 53
round 286, starting client 30/50, id: 72
round 286, starting client 31/50, id: 11
round 286, starting client 32/50, id: 44
round 286, starting client 33/50, id: 85
round 286, starting client 34/50, id: 65
round 286, starting client 35/50, id: 45
round 286, starting client 36/50, id: 25
round 286, starting client 37/50, id: 68
round 286, starting client 38/50, id: 49
round 286, starting client 39/50, id: 52
round 286, starting client 40/50, id: 59
round 286, starting client 41/50, id: 8
round 286, starting client 42/50, id: 98
round 286, starting client 43/50, id: 5
round 286, starting client 44/50, id: 30
round 286, starting client 45/50, id: 40
round 286, starting client 46/50, id: 71
round 286, starting client 47/50, id: 61
round 286, starting client 48/50, id: 34
round 286, starting client 49/50, id: 76
round 286, starting client 50/50, id: 74
round 286, validation acc: 0.9741
starting round 287
clients: [58 34 91 94 22 68 8 73 54 76 66 97 67 38 65 9 27 61 79 89 25 40 20
83
86 87 10 88 60 29 72 17 93 18 39 37 82 63 12 81 71 26 56 92 74 0 49 69

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99 42]

round 287, starting client 1/50, id: 58
round 287, starting client 2/50, id: 34
round 287, starting client 3/50, id: 91
round 287, starting client 4/50, id: 94
round 287, starting client 5/50, id: 22
round 287, starting client 6/50, id: 68
round 287, starting client 7/50, id: 8
round 287, starting client 8/50, id: 73
round 287, starting client 9/50, id: 54
round 287, starting client 10/50, id: 76
round 287, starting client 11/50, id: 66
round 287, starting client 12/50, id: 97
round 287, starting client 13/50, id: 67
round 287, starting client 14/50, id: 38
round 287, starting client 15/50, id: 65
round 287, starting client 16/50, id: 9
round 287, starting client 17/50, id: 27
round 287, starting client 18/50, id: 61
round 287, starting client 19/50, id: 79
round 287, starting client 20/50, id: 89
round 287, starting client 21/50, id: 25
round 287, starting client 22/50, id: 40
round 287, starting client 23/50, id: 20
round 287, starting client 24/50, id: 83
round 287, starting client 25/50, id: 86
round 287, starting client 26/50, id: 87
round 287, starting client 27/50, id: 10
round 287, starting client 28/50, id: 88
round 287, starting client 29/50, id: 60
round 287, starting client 30/50, id: 29
round 287, starting client 31/50, id: 72
round 287, starting client 32/50, id: 17
round 287, starting client 33/50, id: 93
round 287, starting client 34/50, id: 18
round 287, starting client 35/50, id: 39
round 287, starting client 36/50, id: 37
round 287, starting client 37/50, id: 82
round 287, starting client 38/50, id: 63
round 287, starting client 39/50, id: 12
round 287, starting client 40/50, id: 81
round 287, starting client 41/50, id: 71
round 287, starting client 42/50, id: 26
round 287, starting client 43/50, id: 56
round 287, starting client 44/50, id: 92
round 287, starting client 45/50, id: 74
round 287, starting client 46/50, id: 0
round 287, starting client 47/50, id: 49

round 287, starting client 48/50, id: 69
 round 287, starting client 49/50, id: 99
 round 287, starting client 50/50, id: 42
 round 287, validation acc: 0.9745
 starting round 288
 clients: [14 54 76 7 52 27 9 32 31 61 20 89 78 26 87 19 5 30 43 13 1 12 74
 65
 62 22 93 3 11 82 21 86 91 75 16 67 92 64 28 53 10 69 79 96 56 95 73 48
 33 6]
 round 288, starting client 1/50, id: 14
 round 288, starting client 2/50, id: 54
 round 288, starting client 3/50, id: 76
 round 288, starting client 4/50, id: 7
 round 288, starting client 5/50, id: 52
 round 288, starting client 6/50, id: 27
 round 288, starting client 7/50, id: 9
 round 288, starting client 8/50, id: 32
 round 288, starting client 9/50, id: 31
 round 288, starting client 10/50, id: 61
 round 288, starting client 11/50, id: 20
 round 288, starting client 12/50, id: 89
 round 288, starting client 13/50, id: 78
 round 288, starting client 14/50, id: 26
 round 288, starting client 15/50, id: 87
 round 288, starting client 16/50, id: 19
 round 288, starting client 17/50, id: 5
 round 288, starting client 18/50, id: 30
 round 288, starting client 19/50, id: 43
 round 288, starting client 20/50, id: 13
 round 288, starting client 21/50, id: 1
 round 288, starting client 22/50, id: 12
 round 288, starting client 23/50, id: 74
 round 288, starting client 24/50, id: 65
 round 288, starting client 25/50, id: 62
 round 288, starting client 26/50, id: 22
 round 288, starting client 27/50, id: 93
 round 288, starting client 28/50, id: 3
 round 288, starting client 29/50, id: 11
 round 288, starting client 30/50, id: 82
 round 288, starting client 31/50, id: 21
 round 288, starting client 32/50, id: 86
 round 288, starting client 33/50, id: 91
 round 288, starting client 34/50, id: 75
 round 288, starting client 35/50, id: 16
 round 288, starting client 36/50, id: 67
 round 288, starting client 37/50, id: 92
 round 288, starting client 38/50, id: 64
 round 288, starting client 39/50, id: 28

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round 288, starting client 40/50, id: 53
round 288, starting client 41/50, id: 10
round 288, starting client 42/50, id: 69
round 288, starting client 43/50, id: 79
round 288, starting client 44/50, id: 96
round 288, starting client 45/50, id: 56
round 288, starting client 46/50, id: 95
round 288, starting client 47/50, id: 73
round 288, starting client 48/50, id: 48
round 288, starting client 49/50, id: 33
round 288, starting client 50/50, id: 6
round 288, validation acc: 0.9742
starting round 289
clients: [28 73 70 18 17  7 86 65 11 39 68 97 96 83  8 69 25 19  3 64 24 46 74
14
 51 38 30 10 85 44 71 52 37 82 59 31 22 27  0 12 45 79 81 58 95 87 53 92
56 23]
round 289, starting client 1/50, id: 28
round 289, starting client 2/50, id: 73
round 289, starting client 3/50, id: 70
round 289, starting client 4/50, id: 18
round 289, starting client 5/50, id: 17
round 289, starting client 6/50, id: 7
round 289, starting client 7/50, id: 86
round 289, starting client 8/50, id: 65
round 289, starting client 9/50, id: 11
round 289, starting client 10/50, id: 39
round 289, starting client 11/50, id: 68
round 289, starting client 12/50, id: 97
round 289, starting client 13/50, id: 96
round 289, starting client 14/50, id: 83
round 289, starting client 15/50, id: 8
round 289, starting client 16/50, id: 69
round 289, starting client 17/50, id: 25
round 289, starting client 18/50, id: 19
round 289, starting client 19/50, id: 3
round 289, starting client 20/50, id: 64
round 289, starting client 21/50, id: 24
round 289, starting client 22/50, id: 46
round 289, starting client 23/50, id: 74
round 289, starting client 24/50, id: 14
round 289, starting client 25/50, id: 51
round 289, starting client 26/50, id: 38
round 289, starting client 27/50, id: 30
round 289, starting client 28/50, id: 10
round 289, starting client 29/50, id: 85
round 289, starting client 30/50, id: 44
round 289, starting client 31/50, id: 71

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round 289, starting client 32/50, id: 52
round 289, starting client 33/50, id: 37
round 289, starting client 34/50, id: 82
round 289, starting client 35/50, id: 59
round 289, starting client 36/50, id: 31
round 289, starting client 37/50, id: 22
round 289, starting client 38/50, id: 27
round 289, starting client 39/50, id: 0
round 289, starting client 40/50, id: 12
round 289, starting client 41/50, id: 45
round 289, starting client 42/50, id: 79
round 289, starting client 43/50, id: 81
round 289, starting client 44/50, id: 58
round 289, starting client 45/50, id: 95
round 289, starting client 46/50, id: 87
round 289, starting client 47/50, id: 53
round 289, starting client 48/50, id: 92
round 289, starting client 49/50, id: 56
round 289, starting client 50/50, id: 23
round 289, validation acc: 0.9746
starting round 290
clients: [80 29 17 34 27 33 68 41 0 53 8 30 40 44 21 66 51 5 92 65 75 24 67
64
83 69 35 95 32 77 11 94 78 37 15 85 39 88 74 90 7 4 96 22 71 60 57 18
50 28]
round 290, starting client 1/50, id: 80
round 290, starting client 2/50, id: 29
round 290, starting client 3/50, id: 17
round 290, starting client 4/50, id: 34
round 290, starting client 5/50, id: 27
round 290, starting client 6/50, id: 33
round 290, starting client 7/50, id: 68
round 290, starting client 8/50, id: 41
round 290, starting client 9/50, id: 0
round 290, starting client 10/50, id: 53
round 290, starting client 11/50, id: 8
round 290, starting client 12/50, id: 30
round 290, starting client 13/50, id: 40
round 290, starting client 14/50, id: 44
round 290, starting client 15/50, id: 21
round 290, starting client 16/50, id: 66
round 290, starting client 17/50, id: 51
round 290, starting client 18/50, id: 5
round 290, starting client 19/50, id: 92
round 290, starting client 20/50, id: 65
round 290, starting client 21/50, id: 75
round 290, starting client 22/50, id: 24
round 290, starting client 23/50, id: 67

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round 290, starting client 24/50, id: 64
round 290, starting client 25/50, id: 83
round 290, starting client 26/50, id: 69
round 290, starting client 27/50, id: 35
round 290, starting client 28/50, id: 95
round 290, starting client 29/50, id: 32
round 290, starting client 30/50, id: 77
round 290, starting client 31/50, id: 11
round 290, starting client 32/50, id: 94
round 290, starting client 33/50, id: 78
round 290, starting client 34/50, id: 37
round 290, starting client 35/50, id: 15
round 290, starting client 36/50, id: 85
round 290, starting client 37/50, id: 39
round 290, starting client 38/50, id: 88
round 290, starting client 39/50, id: 74
round 290, starting client 40/50, id: 90
round 290, starting client 41/50, id: 7
round 290, starting client 42/50, id: 4
round 290, starting client 43/50, id: 96
round 290, starting client 44/50, id: 22
round 290, starting client 45/50, id: 71
round 290, starting client 46/50, id: 60
round 290, starting client 47/50, id: 57
round 290, starting client 48/50, id: 18
round 290, starting client 49/50, id: 50
round 290, starting client 50/50, id: 28
round 290, validation acc: 0.9738
starting round 291
clients: [50 91 67 70 68 84 4 53 76 0 13 24 20 12 25 8 34 52 46 22 3 48 89
58
38 54 71 7 88 98 41 95 59 30 74 14 66 82 62 27 87 63 26 73 93 32 16 51
2 5]
round 291, starting client 1/50, id: 50
round 291, starting client 2/50, id: 91
round 291, starting client 3/50, id: 67
round 291, starting client 4/50, id: 70
round 291, starting client 5/50, id: 68
round 291, starting client 6/50, id: 84
round 291, starting client 7/50, id: 4
round 291, starting client 8/50, id: 53
round 291, starting client 9/50, id: 76
round 291, starting client 10/50, id: 0
round 291, starting client 11/50, id: 13
round 291, starting client 12/50, id: 24
round 291, starting client 13/50, id: 20
round 291, starting client 14/50, id: 12
round 291, starting client 15/50, id: 25

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round 291, starting client 16/50, id: 8
round 291, starting client 17/50, id: 34
round 291, starting client 18/50, id: 52
round 291, starting client 19/50, id: 46
round 291, starting client 20/50, id: 22
round 291, starting client 21/50, id: 3
round 291, starting client 22/50, id: 48
round 291, starting client 23/50, id: 89
round 291, starting client 24/50, id: 58
round 291, starting client 25/50, id: 38
round 291, starting client 26/50, id: 54
round 291, starting client 27/50, id: 71
round 291, starting client 28/50, id: 7
round 291, starting client 29/50, id: 88
round 291, starting client 30/50, id: 98
round 291, starting client 31/50, id: 41
round 291, starting client 32/50, id: 95
round 291, starting client 33/50, id: 59
round 291, starting client 34/50, id: 30
round 291, starting client 35/50, id: 74
round 291, starting client 36/50, id: 14
round 291, starting client 37/50, id: 66
round 291, starting client 38/50, id: 82
round 291, starting client 39/50, id: 62
round 291, starting client 40/50, id: 27
round 291, starting client 41/50, id: 87
round 291, starting client 42/50, id: 63
round 291, starting client 43/50, id: 26
round 291, starting client 44/50, id: 73
round 291, starting client 45/50, id: 93
round 291, starting client 46/50, id: 32
round 291, starting client 47/50, id: 16
round 291, starting client 48/50, id: 51
round 291, starting client 49/50, id: 2
round 291, starting client 50/50, id: 5
round 291, validation acc: 0.9744
starting round 292
clients: [48 27 46 14 68 40 12 11 10 64 61 89 20 93 59 25 4 53 90 71 96 7 32
1
95 15 36 79 65 77 22 13 88 30 54 31 81 66 94 28 47 49 60 34 83 56 87 43
99 3]
round 292, starting client 1/50, id: 48
round 292, starting client 2/50, id: 27
round 292, starting client 3/50, id: 46
round 292, starting client 4/50, id: 14
round 292, starting client 5/50, id: 68
round 292, starting client 6/50, id: 40
round 292, starting client 7/50, id: 12

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round 292, starting client 8/50, id: 11
round 292, starting client 9/50, id: 10
round 292, starting client 10/50, id: 64
round 292, starting client 11/50, id: 61
round 292, starting client 12/50, id: 89
round 292, starting client 13/50, id: 20
round 292, starting client 14/50, id: 93
round 292, starting client 15/50, id: 59
round 292, starting client 16/50, id: 25
round 292, starting client 17/50, id: 4
round 292, starting client 18/50, id: 53
round 292, starting client 19/50, id: 90
round 292, starting client 20/50, id: 71
round 292, starting client 21/50, id: 96
round 292, starting client 22/50, id: 7
round 292, starting client 23/50, id: 32
round 292, starting client 24/50, id: 1
round 292, starting client 25/50, id: 95
round 292, starting client 26/50, id: 15
round 292, starting client 27/50, id: 36
round 292, starting client 28/50, id: 79
round 292, starting client 29/50, id: 65
round 292, starting client 30/50, id: 77
round 292, starting client 31/50, id: 22
round 292, starting client 32/50, id: 13
round 292, starting client 33/50, id: 88
round 292, starting client 34/50, id: 30
round 292, starting client 35/50, id: 54
round 292, starting client 36/50, id: 31
round 292, starting client 37/50, id: 81
round 292, starting client 38/50, id: 66
round 292, starting client 39/50, id: 94
round 292, starting client 40/50, id: 28
round 292, starting client 41/50, id: 47
round 292, starting client 42/50, id: 49
round 292, starting client 43/50, id: 60
round 292, starting client 44/50, id: 34
round 292, starting client 45/50, id: 83
round 292, starting client 46/50, id: 56
round 292, starting client 47/50, id: 87
round 292, starting client 48/50, id: 43
round 292, starting client 49/50, id: 99
round 292, starting client 50/50, id: 3
round 292, validation acc: 0.974
starting round 293
clients: [40 71 93 18 35 28 97 15 13  9 32 69 99 46 74 10 59 33 55 27 85 48 66
98
        6 87 56 17 31 50 84 47 61  4 41 67 11 39  2 22 29 26 96 70 53  8 76 20

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73 72]

round 293, starting client 1/50, id: 40
round 293, starting client 2/50, id: 71
round 293, starting client 3/50, id: 93
round 293, starting client 4/50, id: 18
round 293, starting client 5/50, id: 35
round 293, starting client 6/50, id: 28
round 293, starting client 7/50, id: 97
round 293, starting client 8/50, id: 15
round 293, starting client 9/50, id: 13
round 293, starting client 10/50, id: 9
round 293, starting client 11/50, id: 32
round 293, starting client 12/50, id: 69
round 293, starting client 13/50, id: 99
round 293, starting client 14/50, id: 46
round 293, starting client 15/50, id: 74
round 293, starting client 16/50, id: 10
round 293, starting client 17/50, id: 59
round 293, starting client 18/50, id: 33
round 293, starting client 19/50, id: 55
round 293, starting client 20/50, id: 27
round 293, starting client 21/50, id: 85
round 293, starting client 22/50, id: 48
round 293, starting client 23/50, id: 66
round 293, starting client 24/50, id: 98
round 293, starting client 25/50, id: 6
round 293, starting client 26/50, id: 87
round 293, starting client 27/50, id: 56
round 293, starting client 28/50, id: 17
round 293, starting client 29/50, id: 31
round 293, starting client 30/50, id: 50
round 293, starting client 31/50, id: 84
round 293, starting client 32/50, id: 47
round 293, starting client 33/50, id: 61
round 293, starting client 34/50, id: 4
round 293, starting client 35/50, id: 41
round 293, starting client 36/50, id: 67
round 293, starting client 37/50, id: 11
round 293, starting client 38/50, id: 39
round 293, starting client 39/50, id: 2
round 293, starting client 40/50, id: 22
round 293, starting client 41/50, id: 29
round 293, starting client 42/50, id: 26
round 293, starting client 43/50, id: 96
round 293, starting client 44/50, id: 70
round 293, starting client 45/50, id: 53
round 293, starting client 46/50, id: 8
round 293, starting client 47/50, id: 76

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round 293, starting client 48/50, id: 20
round 293, starting client 49/50, id: 73
round 293, starting client 50/50, id: 72
round 293, validation acc: 0.9742
starting round 294
clients: [20 44 39 94 49  4 13 28 84 55 37  9 65 77 31 50 70 61 66 14 92 69 64
26
 51 82 98 57 93 75 53 76 96 62 67 46  1 97 47 19 54 43 60 42 35  2 56 45
32 73]
round 294, starting client 1/50, id: 20
round 294, starting client 2/50, id: 44
round 294, starting client 3/50, id: 39
round 294, starting client 4/50, id: 94
round 294, starting client 5/50, id: 49
round 294, starting client 6/50, id: 4
round 294, starting client 7/50, id: 13
round 294, starting client 8/50, id: 28
round 294, starting client 9/50, id: 84
round 294, starting client 10/50, id: 55
round 294, starting client 11/50, id: 37
round 294, starting client 12/50, id: 9
round 294, starting client 13/50, id: 65
round 294, starting client 14/50, id: 77
round 294, starting client 15/50, id: 31
round 294, starting client 16/50, id: 50
round 294, starting client 17/50, id: 70
round 294, starting client 18/50, id: 61
round 294, starting client 19/50, id: 66
round 294, starting client 20/50, id: 14
round 294, starting client 21/50, id: 92
round 294, starting client 22/50, id: 69
round 294, starting client 23/50, id: 64
round 294, starting client 24/50, id: 26
round 294, starting client 25/50, id: 51
round 294, starting client 26/50, id: 82
round 294, starting client 27/50, id: 98
round 294, starting client 28/50, id: 57
round 294, starting client 29/50, id: 93
round 294, starting client 30/50, id: 75
round 294, starting client 31/50, id: 53
round 294, starting client 32/50, id: 76
round 294, starting client 33/50, id: 96
round 294, starting client 34/50, id: 62
round 294, starting client 35/50, id: 67
round 294, starting client 36/50, id: 46
round 294, starting client 37/50, id: 1
round 294, starting client 38/50, id: 97
round 294, starting client 39/50, id: 47

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round 294, starting client 40/50, id: 19
round 294, starting client 41/50, id: 54
round 294, starting client 42/50, id: 43
round 294, starting client 43/50, id: 60
round 294, starting client 44/50, id: 42
round 294, starting client 45/50, id: 35
round 294, starting client 46/50, id: 2
round 294, starting client 47/50, id: 56
round 294, starting client 48/50, id: 45
round 294, starting client 49/50, id: 32
round 294, starting client 50/50, id: 73
round 294, validation acc: 0.9751
starting round 295
clients: [79 68 86 33 18 96 58 89 75 74 82 40 41  3 55 30 37 39 29 62 19 85 12
94
 92 73 63  4 99  6 51 43 72 59 35 22 45 65 91 46 70 53  7 88 13 26 47 44
11 60]
round 295, starting client 1/50, id: 79
round 295, starting client 2/50, id: 68
round 295, starting client 3/50, id: 86
round 295, starting client 4/50, id: 33
round 295, starting client 5/50, id: 18
round 295, starting client 6/50, id: 96
round 295, starting client 7/50, id: 58
round 295, starting client 8/50, id: 89
round 295, starting client 9/50, id: 75
round 295, starting client 10/50, id: 74
round 295, starting client 11/50, id: 82
round 295, starting client 12/50, id: 40
round 295, starting client 13/50, id: 41
round 295, starting client 14/50, id: 3
round 295, starting client 15/50, id: 55
round 295, starting client 16/50, id: 30
round 295, starting client 17/50, id: 37
round 295, starting client 18/50, id: 39
round 295, starting client 19/50, id: 29
round 295, starting client 20/50, id: 62
round 295, starting client 21/50, id: 19
round 295, starting client 22/50, id: 85
round 295, starting client 23/50, id: 12
round 295, starting client 24/50, id: 94
round 295, starting client 25/50, id: 92
round 295, starting client 26/50, id: 73
round 295, starting client 27/50, id: 63
round 295, starting client 28/50, id: 4
round 295, starting client 29/50, id: 99
round 295, starting client 30/50, id: 6
round 295, starting client 31/50, id: 51

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round 295, starting client 32/50, id: 43
round 295, starting client 33/50, id: 72
round 295, starting client 34/50, id: 59
round 295, starting client 35/50, id: 35
round 295, starting client 36/50, id: 22
round 295, starting client 37/50, id: 45
round 295, starting client 38/50, id: 65
round 295, starting client 39/50, id: 91
round 295, starting client 40/50, id: 46
round 295, starting client 41/50, id: 70
round 295, starting client 42/50, id: 53
round 295, starting client 43/50, id: 7
round 295, starting client 44/50, id: 88
round 295, starting client 45/50, id: 13
round 295, starting client 46/50, id: 26
round 295, starting client 47/50, id: 47
round 295, starting client 48/50, id: 44
round 295, starting client 49/50, id: 11
round 295, starting client 50/50, id: 60
round 295, validation acc: 0.9738
starting round 296
clients: [53 50 49 47 33 37 32 66 91 0 26 92 77 36 62 93 30 97 60 27 61 43 64
3
5 44 45 25 18 86 99 95 12 70 8 40 28 54 65 56 87 19 52 7 46 83 88 98
74 31]
round 296, starting client 1/50, id: 53
round 296, starting client 2/50, id: 50
round 296, starting client 3/50, id: 49
round 296, starting client 4/50, id: 47
round 296, starting client 5/50, id: 33
round 296, starting client 6/50, id: 37
round 296, starting client 7/50, id: 32
round 296, starting client 8/50, id: 66
round 296, starting client 9/50, id: 91
round 296, starting client 10/50, id: 0
round 296, starting client 11/50, id: 26
round 296, starting client 12/50, id: 92
round 296, starting client 13/50, id: 77
round 296, starting client 14/50, id: 36
round 296, starting client 15/50, id: 62
round 296, starting client 16/50, id: 93
round 296, starting client 17/50, id: 30
round 296, starting client 18/50, id: 97
round 296, starting client 19/50, id: 60
round 296, starting client 20/50, id: 27
round 296, starting client 21/50, id: 61
round 296, starting client 22/50, id: 43
round 296, starting client 23/50, id: 64

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round 296, starting client 24/50, id: 3
round 296, starting client 25/50, id: 5
round 296, starting client 26/50, id: 44
round 296, starting client 27/50, id: 45
round 296, starting client 28/50, id: 25
round 296, starting client 29/50, id: 18
round 296, starting client 30/50, id: 86
round 296, starting client 31/50, id: 99
round 296, starting client 32/50, id: 95
round 296, starting client 33/50, id: 12
round 296, starting client 34/50, id: 70
round 296, starting client 35/50, id: 8
round 296, starting client 36/50, id: 40
round 296, starting client 37/50, id: 28
round 296, starting client 38/50, id: 54
round 296, starting client 39/50, id: 65
round 296, starting client 40/50, id: 56
round 296, starting client 41/50, id: 87
round 296, starting client 42/50, id: 19
round 296, starting client 43/50, id: 52
round 296, starting client 44/50, id: 7
round 296, starting client 45/50, id: 46
round 296, starting client 46/50, id: 83
round 296, starting client 47/50, id: 88
round 296, starting client 48/50, id: 98
round 296, starting client 49/50, id: 74
round 296, starting client 50/50, id: 31
round 296, validation acc: 0.9732
starting round 297
clients: [55 14 64 50 3 87 41 89 78 80 70 67 35 11 75 96 47 26 52 74 68 62 69
77
54 5 91 82 17 58 92 36 40 59 94 90 57 53 73 20 51 33 0 93 32 37 30 18
31 95]
round 297, starting client 1/50, id: 55
round 297, starting client 2/50, id: 14
round 297, starting client 3/50, id: 64
round 297, starting client 4/50, id: 50
round 297, starting client 5/50, id: 3
round 297, starting client 6/50, id: 87
round 297, starting client 7/50, id: 41
round 297, starting client 8/50, id: 89
round 297, starting client 9/50, id: 78
round 297, starting client 10/50, id: 80
round 297, starting client 11/50, id: 70
round 297, starting client 12/50, id: 67
round 297, starting client 13/50, id: 35
round 297, starting client 14/50, id: 11
round 297, starting client 15/50, id: 75

```

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round 297, starting client 16/50, id: 96
round 297, starting client 17/50, id: 47
round 297, starting client 18/50, id: 26
round 297, starting client 19/50, id: 52
round 297, starting client 20/50, id: 74
round 297, starting client 21/50, id: 68
round 297, starting client 22/50, id: 62
round 297, starting client 23/50, id: 69
round 297, starting client 24/50, id: 77
round 297, starting client 25/50, id: 54
round 297, starting client 26/50, id: 5
round 297, starting client 27/50, id: 91
round 297, starting client 28/50, id: 82
round 297, starting client 29/50, id: 17
round 297, starting client 30/50, id: 58
round 297, starting client 31/50, id: 92
round 297, starting client 32/50, id: 36
round 297, starting client 33/50, id: 40
round 297, starting client 34/50, id: 59
round 297, starting client 35/50, id: 94
round 297, starting client 36/50, id: 90
round 297, starting client 37/50, id: 57
round 297, starting client 38/50, id: 53
round 297, starting client 39/50, id: 73
round 297, starting client 40/50, id: 20
round 297, starting client 41/50, id: 51
round 297, starting client 42/50, id: 33
round 297, starting client 43/50, id: 0
round 297, starting client 44/50, id: 93
round 297, starting client 45/50, id: 32
round 297, starting client 46/50, id: 37
round 297, starting client 47/50, id: 30
round 297, starting client 48/50, id: 18
round 297, starting client 49/50, id: 31
round 297, starting client 50/50, id: 95
round 297, validation acc: 0.9743
starting round 298
clients: [19 1 85 57 36 30 68 35 0 39 96 76 29 80 79 44 98 69 17 50 8 71 66
82
91 59 97 7 14 38 95 27 49 18 37 70 74 34 64 43 4 99 2 9 11 67 58 53
41 16]
round 298, starting client 1/50, id: 19
round 298, starting client 2/50, id: 1
round 298, starting client 3/50, id: 85
round 298, starting client 4/50, id: 57
round 298, starting client 5/50, id: 36
round 298, starting client 6/50, id: 30
round 298, starting client 7/50, id: 68

```

```

round 298, starting client 8/50, id: 35
round 298, starting client 9/50, id: 0
round 298, starting client 10/50, id: 39
round 298, starting client 11/50, id: 96
round 298, starting client 12/50, id: 76
round 298, starting client 13/50, id: 29
round 298, starting client 14/50, id: 80
round 298, starting client 15/50, id: 79
round 298, starting client 16/50, id: 44
round 298, starting client 17/50, id: 98
round 298, starting client 18/50, id: 69
round 298, starting client 19/50, id: 17
round 298, starting client 20/50, id: 50
round 298, starting client 21/50, id: 8
round 298, starting client 22/50, id: 71
round 298, starting client 23/50, id: 66
round 298, starting client 24/50, id: 82
round 298, starting client 25/50, id: 91
round 298, starting client 26/50, id: 59
round 298, starting client 27/50, id: 97
round 298, starting client 28/50, id: 7
round 298, starting client 29/50, id: 14
round 298, starting client 30/50, id: 38
round 298, starting client 31/50, id: 95
round 298, starting client 32/50, id: 27
round 298, starting client 33/50, id: 49
round 298, starting client 34/50, id: 18
round 298, starting client 35/50, id: 37
round 298, starting client 36/50, id: 70
round 298, starting client 37/50, id: 74
round 298, starting client 38/50, id: 34
round 298, starting client 39/50, id: 64
round 298, starting client 40/50, id: 43
round 298, starting client 41/50, id: 4
round 298, starting client 42/50, id: 99
round 298, starting client 43/50, id: 2
round 298, starting client 44/50, id: 9
round 298, starting client 45/50, id: 11
round 298, starting client 46/50, id: 67
round 298, starting client 47/50, id: 58
round 298, starting client 48/50, id: 53
round 298, starting client 49/50, id: 41
round 298, starting client 50/50, id: 16
round 298, validation acc: 0.9749
starting round 299
clients: [65 86 51 54 62 36 7 47 58 73 33 93 56 32 40 29 82 3 59 64 97 55 23
80
26 69 15 46 2 38 13 63 22 24 9 1 50 91 19 78 37 30 27 87 75 12 6 76

```

84 89]

round 299, starting client 1/50, id: 65
round 299, starting client 2/50, id: 86
round 299, starting client 3/50, id: 51
round 299, starting client 4/50, id: 54
round 299, starting client 5/50, id: 62
round 299, starting client 6/50, id: 36
round 299, starting client 7/50, id: 7
round 299, starting client 8/50, id: 47
round 299, starting client 9/50, id: 58
round 299, starting client 10/50, id: 73
round 299, starting client 11/50, id: 33
round 299, starting client 12/50, id: 93
round 299, starting client 13/50, id: 56
round 299, starting client 14/50, id: 32
round 299, starting client 15/50, id: 40
round 299, starting client 16/50, id: 29
round 299, starting client 17/50, id: 82
round 299, starting client 18/50, id: 3
round 299, starting client 19/50, id: 59
round 299, starting client 20/50, id: 64
round 299, starting client 21/50, id: 97
round 299, starting client 22/50, id: 55
round 299, starting client 23/50, id: 23
round 299, starting client 24/50, id: 80
round 299, starting client 25/50, id: 26
round 299, starting client 26/50, id: 69
round 299, starting client 27/50, id: 15
round 299, starting client 28/50, id: 46
round 299, starting client 29/50, id: 2
round 299, starting client 30/50, id: 38
round 299, starting client 31/50, id: 13
round 299, starting client 32/50, id: 63
round 299, starting client 33/50, id: 22
round 299, starting client 34/50, id: 24
round 299, starting client 35/50, id: 9
round 299, starting client 36/50, id: 1
round 299, starting client 37/50, id: 50
round 299, starting client 38/50, id: 91
round 299, starting client 39/50, id: 19
round 299, starting client 40/50, id: 78
round 299, starting client 41/50, id: 37
round 299, starting client 42/50, id: 30
round 299, starting client 43/50, id: 27
round 299, starting client 44/50, id: 87
round 299, starting client 45/50, id: 75
round 299, starting client 46/50, id: 12
round 299, starting client 47/50, id: 6

```

round 299, starting client 48/50, id: 76
round 299, starting client 49/50, id: 84
round 299, starting client 50/50, id: 89
round 299, validation acc: 0.9746
[0.4088 0.5196 0.5865 0.6707 0.7805 0.8217 0.8325 0.847 0.8613 0.8707
0.8681 0.8812 0.884 0.8818 0.8845 0.892 0.8941 0.9004 0.9019 0.8987
0.9053 0.8999 0.9096 0.91 0.9118 0.9106 0.9141 0.9101 0.9189 0.9151
0.9173 0.9256 0.9213 0.9237 0.91 0.925 0.9257 0.9266 0.9262 0.9241
0.9284 0.9296 0.9303 0.9288 0.934 0.9278 0.9321 0.9329 0.9356 0.9346
0.9373 0.939 0.9343 0.9358 0.9374 0.938 0.9405 0.938 0.9425 0.9392
0.9413 0.9436 0.9399 0.9417 0.9431 0.9435 0.9451 0.947 0.9452 0.9428
0.9486 0.9469 0.9448 0.9476 0.948 0.9479 0.9492 0.9497 0.9505 0.9503
0.9521 0.9512 0.9528 0.9523 0.9542 0.9535 0.9535 0.9554 0.9545 0.9523
0.9519 0.9547 0.9573 0.9546 0.9552 0.9563 0.9568 0.9558 0.9566 0.9579
0.9583 0.9565 0.9572 0.9589 0.9564 0.9576 0.9558 0.9608 0.9598 0.9562
0.9577 0.9595 0.9614 0.9597 0.9599 0.958 0.961 0.959 0.9608 0.9604
0.96 0.9581 0.9599 0.9623 0.9627 0.9624 0.9632 0.9625 0.962 0.9639
0.9627 0.9617 0.9627 0.9624 0.9631 0.9636 0.962 0.959 0.9647 0.964
0.9626 0.9636 0.9632 0.9637 0.9643 0.9643 0.9646 0.9664 0.9669 0.9656
0.9639 0.9628 0.9637 0.9671 0.9658 0.9644 0.9666 0.966 0.9638 0.9666
0.968 0.9678 0.9691 0.9664 0.9656 0.9667 0.9684 0.9674 0.9687 0.9673
0.9674 0.9691 0.9695 0.968 0.969 0.9682 0.9684 0.9664 0.9694 0.9691
0.9677 0.9685 0.9692 0.9706 0.9706 0.9698 0.9709 0.9699 0.9696 0.9693
0.9687 0.9704 0.9706 0.9672 0.9704 0.9701 0.9689 0.9703 0.9689 0.9703
0.9712 0.9703 0.9715 0.9703 0.971 0.9699 0.9706 0.9701 0.9692 0.9712
0.9713 0.9708 0.9708 0.9704 0.9694 0.9713 0.971 0.9708 0.972 0.9706
0.9697 0.9722 0.9717 0.9725 0.9726 0.9707 0.9721 0.972 0.972 0.9722
0.9716 0.9721 0.9727 0.9711 0.9714 0.9726 0.9724 0.9724 0.9724 0.9724
0.972 0.9703 0.9703 0.9722 0.9729 0.9739 0.974 0.9743 0.9731 0.9737
0.9727 0.9721 0.9734 0.9733 0.9732 0.9739 0.9728 0.9733 0.9725 0.972
0.9721 0.9718 0.9739 0.9742 0.975 0.9733 0.9736 0.9747 0.9739 0.9731
0.9745 0.973 0.9732 0.9736 0.9734 0.9729 0.9745 0.974 0.9739 0.9739
0.9745 0.9734 0.9734 0.9741 0.9747 0.9746 0.9741 0.9745 0.9742 0.9746
0.9738 0.9744 0.974 0.9742 0.9751 0.9738 0.9732 0.9743 0.9749 0.9746]

```

0.4 CNN Experiments

```

[64]: cnn = CNN()
      print(cnn)
      print("total params: ", num_params(cnn))

CNN(
  (conv1): Conv2d(1, 32, kernel_size=(5, 5), stride=(1, 1))
  (conv2): Conv2d(32, 64, kernel_size=(5, 5), stride=(1, 1))
  (fc): Linear(in_features=1024, out_features=512, bias=True)
  (out): Linear(in_features=512, out_features=10, bias=True)
)
total params: 582026

```

```
[65]: # CNN - iid - m=10 experiment
cnn_iid_m10 = copy.deepcopy(cnn)
acc_cnn_iid_m10 = fed_avg_experiment(cnn_iid_m10, num_clients_per_round=10,
                                     num_local_epochs=5,
                                     lr=0.01,
                                     client_train_loader = iid_client_train_loader,
                                     max_rounds=100,
                                     filename='./acc_cnn_iid_m10')

print(acc_cnn_iid_m10)
np.save('./acc_cnn_iid_m10.npy', acc_cnn_iid_m10)
```

```
starting round 0
clients: [20  6 30 38 40 11 89  5 53 82]
round 0, starting client 1/10, id: 20
round 0, starting client 2/10, id: 6
round 0, starting client 3/10, id: 30
round 0, starting client 4/10, id: 38
round 0, starting client 5/10, id: 40
round 0, starting client 6/10, id: 11
round 0, starting client 7/10, id: 89
round 0, starting client 8/10, id: 5
round 0, starting client 9/10, id: 53
round 0, starting client 10/10, id: 82
round 0, validation acc: 0.9118
starting round 1
clients: [ 5 88 41 43 56 33 35 82 95 83]
round 1, starting client 1/10, id: 5
round 1, starting client 2/10, id: 88
round 1, starting client 3/10, id: 41
round 1, starting client 4/10, id: 43
round 1, starting client 5/10, id: 56
round 1, starting client 6/10, id: 33
round 1, starting client 7/10, id: 35
round 1, starting client 8/10, id: 82
round 1, starting client 9/10, id: 95
round 1, starting client 10/10, id: 83
round 1, validation acc: 0.9382
starting round 2
clients: [96  6 82 18 32 73 34 77 45 54]
round 2, starting client 1/10, id: 96
round 2, starting client 2/10, id: 6
round 2, starting client 3/10, id: 82
round 2, starting client 4/10, id: 18
round 2, starting client 5/10, id: 32
round 2, starting client 6/10, id: 73
round 2, starting client 7/10, id: 34
round 2, starting client 8/10, id: 77
round 2, starting client 9/10, id: 45
```



```

round 2, starting client 10/10, id: 54
round 2, validation acc: 0.9496
starting round 3
clients: [30 14 4 20 49 69 9 39 50 5]
round 3, starting client 1/10, id: 30
round 3, starting client 2/10, id: 14
round 3, starting client 3/10, id: 4
round 3, starting client 4/10, id: 20
round 3, starting client 5/10, id: 49
round 3, starting client 6/10, id: 69
round 3, starting client 7/10, id: 9
round 3, starting client 8/10, id: 39
round 3, starting client 9/10, id: 50
round 3, starting client 10/10, id: 5
round 3, validation acc: 0.9583
starting round 4
clients: [67 56 18 80 14 52 33 6 57 17]
round 4, starting client 1/10, id: 67
round 4, starting client 2/10, id: 56
round 4, starting client 3/10, id: 18
round 4, starting client 4/10, id: 80
round 4, starting client 5/10, id: 14
round 4, starting client 6/10, id: 52
round 4, starting client 7/10, id: 33
round 4, starting client 8/10, id: 6
round 4, starting client 9/10, id: 57
round 4, starting client 10/10, id: 17
round 4, validation acc: 0.9648
starting round 5
clients: [48 2 84 15 16 33 8 42 74 37]
round 5, starting client 1/10, id: 48
round 5, starting client 2/10, id: 2
round 5, starting client 3/10, id: 84
round 5, starting client 4/10, id: 15
round 5, starting client 5/10, id: 16
round 5, starting client 6/10, id: 33
round 5, starting client 7/10, id: 8
round 5, starting client 8/10, id: 42
round 5, starting client 9/10, id: 74
round 5, starting client 10/10, id: 37
round 5, validation acc: 0.968
starting round 6
clients: [82 78 4 18 99 28 10 64 26 87]
round 6, starting client 1/10, id: 82
round 6, starting client 2/10, id: 78
round 6, starting client 3/10, id: 4
round 6, starting client 4/10, id: 18
round 6, starting client 5/10, id: 99

```

round 6, starting client 6/10, id: 28
round 6, starting client 7/10, id: 10
round 6, starting client 8/10, id: 64
round 6, starting client 9/10, id: 26
round 6, starting client 10/10, id: 87
round 6, validation acc: 0.9718
starting round 7
clients: [73 6 19 8 54 78 10 43 20 51]
round 7, starting client 1/10, id: 73
round 7, starting client 2/10, id: 6
round 7, starting client 3/10, id: 19
round 7, starting client 4/10, id: 8
round 7, starting client 5/10, id: 54
round 7, starting client 6/10, id: 78
round 7, starting client 7/10, id: 10
round 7, starting client 8/10, id: 43
round 7, starting client 9/10, id: 20
round 7, starting client 10/10, id: 51
round 7, validation acc: 0.9739
starting round 8
clients: [34 14 98 27 12 81 21 76 9 64]
round 8, starting client 1/10, id: 34
round 8, starting client 2/10, id: 14
round 8, starting client 3/10, id: 98
round 8, starting client 4/10, id: 27
round 8, starting client 5/10, id: 12
round 8, starting client 6/10, id: 81
round 8, starting client 7/10, id: 21
round 8, starting client 8/10, id: 76
round 8, starting client 9/10, id: 9
round 8, starting client 10/10, id: 64
round 8, validation acc: 0.9742
starting round 9
clients: [94 8 98 52 66 70 93 92 86 51]
round 9, starting client 1/10, id: 94
round 9, starting client 2/10, id: 8
round 9, starting client 3/10, id: 98
round 9, starting client 4/10, id: 52
round 9, starting client 5/10, id: 66
round 9, starting client 6/10, id: 70
round 9, starting client 7/10, id: 93
round 9, starting client 8/10, id: 92
round 9, starting client 9/10, id: 86
round 9, starting client 10/10, id: 51
round 9, validation acc: 0.9753
starting round 10
clients: [80 19 1 39 4 62 93 97 84 8]
round 10, starting client 1/10, id: 80

```

round 10, starting client 2/10, id: 19
round 10, starting client 3/10, id: 1
round 10, starting client 4/10, id: 39
round 10, starting client 5/10, id: 4
round 10, starting client 6/10, id: 62
round 10, starting client 7/10, id: 93
round 10, starting client 8/10, id: 97
round 10, starting client 9/10, id: 84
round 10, starting client 10/10, id: 8
round 10, validation acc: 0.9767
starting round 11
clients: [50 55 21 68 41 95 53 75 79 82]
round 11, starting client 1/10, id: 50
round 11, starting client 2/10, id: 55
round 11, starting client 3/10, id: 21
round 11, starting client 4/10, id: 68
round 11, starting client 5/10, id: 41
round 11, starting client 6/10, id: 95
round 11, starting client 7/10, id: 53
round 11, starting client 8/10, id: 75
round 11, starting client 9/10, id: 79
round 11, starting client 10/10, id: 82
round 11, validation acc: 0.9775
starting round 12
clients: [61 77 59 28 6 49 2 31 86 71]
round 12, starting client 1/10, id: 61
round 12, starting client 2/10, id: 77
round 12, starting client 3/10, id: 59
round 12, starting client 4/10, id: 28
round 12, starting client 5/10, id: 6
round 12, starting client 6/10, id: 49
round 12, starting client 7/10, id: 2
round 12, starting client 8/10, id: 31
round 12, starting client 9/10, id: 86
round 12, starting client 10/10, id: 71
round 12, validation acc: 0.9776
starting round 13
clients: [40 50 32 45 75 4 82 64 37 53]
round 13, starting client 1/10, id: 40
round 13, starting client 2/10, id: 50
round 13, starting client 3/10, id: 32
round 13, starting client 4/10, id: 45
round 13, starting client 5/10, id: 75
round 13, starting client 6/10, id: 4
round 13, starting client 7/10, id: 82
round 13, starting client 8/10, id: 64
round 13, starting client 9/10, id: 37
round 13, starting client 10/10, id: 53

```

round 13, validation acc: 0.9793
starting round 14
clients: [77 40 71 2 15 65 69 83 79 62]
round 14, starting client 1/10, id: 77
round 14, starting client 2/10, id: 40
round 14, starting client 3/10, id: 71
round 14, starting client 4/10, id: 2
round 14, starting client 5/10, id: 15
round 14, starting client 6/10, id: 65
round 14, starting client 7/10, id: 69
round 14, starting client 8/10, id: 83
round 14, starting client 9/10, id: 79
round 14, starting client 10/10, id: 62
round 14, validation acc: 0.9798
starting round 15
clients: [84 80 42 45 74 21 82 95 86 96]
round 15, starting client 1/10, id: 84
round 15, starting client 2/10, id: 80
round 15, starting client 3/10, id: 42
round 15, starting client 4/10, id: 45
round 15, starting client 5/10, id: 74
round 15, starting client 6/10, id: 21
round 15, starting client 7/10, id: 82
round 15, starting client 8/10, id: 95
round 15, starting client 9/10, id: 86
round 15, starting client 10/10, id: 96
round 15, validation acc: 0.9802
starting round 16
clients: [54 4 51 57 30 40 68 11 78 72]
round 16, starting client 1/10, id: 54
round 16, starting client 2/10, id: 4
round 16, starting client 3/10, id: 51
round 16, starting client 4/10, id: 57
round 16, starting client 5/10, id: 30
round 16, starting client 6/10, id: 40
round 16, starting client 7/10, id: 68
round 16, starting client 8/10, id: 11
round 16, starting client 9/10, id: 78
round 16, starting client 10/10, id: 72
round 16, validation acc: 0.9811
starting round 17
clients: [99 32 14 71 50 92 31 23 82 15]
round 17, starting client 1/10, id: 99
round 17, starting client 2/10, id: 32
round 17, starting client 3/10, id: 14
round 17, starting client 4/10, id: 71
round 17, starting client 5/10, id: 50
round 17, starting client 6/10, id: 92

round 17, starting client 7/10, id: 31
round 17, starting client 8/10, id: 23
round 17, starting client 9/10, id: 82
round 17, starting client 10/10, id: 15
round 17, validation acc: 0.9816
starting round 18
clients: [34 88 92 79 60 78 73 6 90 16]
round 18, starting client 1/10, id: 34
round 18, starting client 2/10, id: 88
round 18, starting client 3/10, id: 92
round 18, starting client 4/10, id: 79
round 18, starting client 5/10, id: 60
round 18, starting client 6/10, id: 78
round 18, starting client 7/10, id: 73
round 18, starting client 8/10, id: 6
round 18, starting client 9/10, id: 90
round 18, starting client 10/10, id: 16
round 18, validation acc: 0.9824
starting round 19
clients: [36 85 28 18 65 34 42 6 17 69]
round 19, starting client 1/10, id: 36
round 19, starting client 2/10, id: 85
round 19, starting client 3/10, id: 28
round 19, starting client 4/10, id: 18
round 19, starting client 5/10, id: 65
round 19, starting client 6/10, id: 34
round 19, starting client 7/10, id: 42
round 19, starting client 8/10, id: 6
round 19, starting client 9/10, id: 17
round 19, starting client 10/10, id: 69
round 19, validation acc: 0.9822
starting round 20
clients: [4 83 28 22 57 37 92 13 64 76]
round 20, starting client 1/10, id: 4
round 20, starting client 2/10, id: 83
round 20, starting client 3/10, id: 28
round 20, starting client 4/10, id: 22
round 20, starting client 5/10, id: 57
round 20, starting client 6/10, id: 37
round 20, starting client 7/10, id: 92
round 20, starting client 8/10, id: 13
round 20, starting client 9/10, id: 64
round 20, starting client 10/10, id: 76
round 20, validation acc: 0.9832
starting round 21
clients: [93 66 59 14 67 54 87 28 72 62]
round 21, starting client 1/10, id: 93
round 21, starting client 2/10, id: 66

round 21, starting client 3/10, id: 59
round 21, starting client 4/10, id: 14
round 21, starting client 5/10, id: 67
round 21, starting client 6/10, id: 54
round 21, starting client 7/10, id: 87
round 21, starting client 8/10, id: 28
round 21, starting client 9/10, id: 72
round 21, starting client 10/10, id: 62
round 21, validation acc: 0.9829
starting round 22
clients: [38 47 67 48 21 88 46 2 43 65]
round 22, starting client 1/10, id: 38
round 22, starting client 2/10, id: 47
round 22, starting client 3/10, id: 67
round 22, starting client 4/10, id: 48
round 22, starting client 5/10, id: 21
round 22, starting client 6/10, id: 88
round 22, starting client 7/10, id: 46
round 22, starting client 8/10, id: 2
round 22, starting client 9/10, id: 43
round 22, starting client 10/10, id: 65
round 22, validation acc: 0.9837
starting round 23
clients: [22 70 3 81 13 75 94 41 89 58]
round 23, starting client 1/10, id: 22
round 23, starting client 2/10, id: 70
round 23, starting client 3/10, id: 3
round 23, starting client 4/10, id: 81
round 23, starting client 5/10, id: 13
round 23, starting client 6/10, id: 75
round 23, starting client 7/10, id: 94
round 23, starting client 8/10, id: 41
round 23, starting client 9/10, id: 89
round 23, starting client 10/10, id: 58
round 23, validation acc: 0.9837
starting round 24
clients: [33 18 71 69 36 88 83 81 99 42]
round 24, starting client 1/10, id: 33
round 24, starting client 2/10, id: 18
round 24, starting client 3/10, id: 71
round 24, starting client 4/10, id: 69
round 24, starting client 5/10, id: 36
round 24, starting client 6/10, id: 88
round 24, starting client 7/10, id: 83
round 24, starting client 8/10, id: 81
round 24, starting client 9/10, id: 99
round 24, starting client 10/10, id: 42
round 24, validation acc: 0.9836

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starting round 25
clients: [22 38 13 50 19 99 81 20 7 65]
round 25, starting client 1/10, id: 22
round 25, starting client 2/10, id: 38
round 25, starting client 3/10, id: 13
round 25, starting client 4/10, id: 50
round 25, starting client 5/10, id: 19
round 25, starting client 6/10, id: 99
round 25, starting client 7/10, id: 81
round 25, starting client 8/10, id: 20
round 25, starting client 9/10, id: 7
round 25, starting client 10/10, id: 65
round 25, validation acc: 0.9843
starting round 26
clients: [ 8 61 54 16 83 79 63 24 67 75]
round 26, starting client 1/10, id: 8
round 26, starting client 2/10, id: 61
round 26, starting client 3/10, id: 54
round 26, starting client 4/10, id: 16
round 26, starting client 5/10, id: 83
round 26, starting client 6/10, id: 79
round 26, starting client 7/10, id: 63
round 26, starting client 8/10, id: 24
round 26, starting client 9/10, id: 67
round 26, starting client 10/10, id: 75
round 26, validation acc: 0.9841
starting round 27
clients: [83 20 92 82 16 52 57 95 10 49]
round 27, starting client 1/10, id: 83
round 27, starting client 2/10, id: 20
round 27, starting client 3/10, id: 92
round 27, starting client 4/10, id: 82
round 27, starting client 5/10, id: 16
round 27, starting client 6/10, id: 52
round 27, starting client 7/10, id: 57
round 27, starting client 8/10, id: 95
round 27, starting client 9/10, id: 10
round 27, starting client 10/10, id: 49
round 27, validation acc: 0.9849
starting round 28
clients: [66 64 35 96 68 98 47 51 28 94]
round 28, starting client 1/10, id: 66
round 28, starting client 2/10, id: 64
round 28, starting client 3/10, id: 35
round 28, starting client 4/10, id: 96
round 28, starting client 5/10, id: 68
round 28, starting client 6/10, id: 98
round 28, starting client 7/10, id: 47
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round 28, starting client 8/10, id: 51
round 28, starting client 9/10, id: 28
round 28, starting client 10/10, id: 94
round 28, validation acc: 0.9845
starting round 29
clients: [3 16 46 84 97 12 61 14 49 30]
round 29, starting client 1/10, id: 3
round 29, starting client 2/10, id: 16
round 29, starting client 3/10, id: 46
round 29, starting client 4/10, id: 84
round 29, starting client 5/10, id: 97
round 29, starting client 6/10, id: 12
round 29, starting client 7/10, id: 61
round 29, starting client 8/10, id: 14
round 29, starting client 9/10, id: 49
round 29, starting client 10/10, id: 30
round 29, validation acc: 0.985
starting round 30
clients: [41 9 80 94 6 22 38 74 27 99]
round 30, starting client 1/10, id: 41
round 30, starting client 2/10, id: 9
round 30, starting client 3/10, id: 80
round 30, starting client 4/10, id: 94
round 30, starting client 5/10, id: 6
round 30, starting client 6/10, id: 22
round 30, starting client 7/10, id: 38
round 30, starting client 8/10, id: 74
round 30, starting client 9/10, id: 27
round 30, starting client 10/10, id: 99
round 30, validation acc: 0.9846
starting round 31
clients: [73 62 51 11 33 74 28 19 93 78]
round 31, starting client 1/10, id: 73
round 31, starting client 2/10, id: 62
round 31, starting client 3/10, id: 51
round 31, starting client 4/10, id: 11
round 31, starting client 5/10, id: 33
round 31, starting client 6/10, id: 74
round 31, starting client 7/10, id: 28
round 31, starting client 8/10, id: 19
round 31, starting client 9/10, id: 93
round 31, starting client 10/10, id: 78
round 31, validation acc: 0.985
starting round 32
clients: [33 68 87 5 99 78 21 39 48 36]
round 32, starting client 1/10, id: 33
round 32, starting client 2/10, id: 68
round 32, starting client 3/10, id: 87


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round 32, starting client 4/10, id: 5
round 32, starting client 5/10, id: 99
round 32, starting client 6/10, id: 78
round 32, starting client 7/10, id: 21
round 32, starting client 8/10, id: 39
round 32, starting client 9/10, id: 48
round 32, starting client 10/10, id: 36
round 32, validation acc: 0.9862
starting round 33
clients: [41 30 95 34 61 85 1 92 48 9]
round 33, starting client 1/10, id: 41
round 33, starting client 2/10, id: 30
round 33, starting client 3/10, id: 95
round 33, starting client 4/10, id: 34
round 33, starting client 5/10, id: 61
round 33, starting client 6/10, id: 85
round 33, starting client 7/10, id: 1
round 33, starting client 8/10, id: 92
round 33, starting client 9/10, id: 48
round 33, starting client 10/10, id: 9
round 33, validation acc: 0.9861
starting round 34
clients: [19 88 15 67 42 53 46 26 66 77]
round 34, starting client 1/10, id: 19
round 34, starting client 2/10, id: 88
round 34, starting client 3/10, id: 15
round 34, starting client 4/10, id: 67
round 34, starting client 5/10, id: 42
round 34, starting client 6/10, id: 53
round 34, starting client 7/10, id: 46
round 34, starting client 8/10, id: 26
round 34, starting client 9/10, id: 66
round 34, starting client 10/10, id: 77
round 34, validation acc: 0.9853
starting round 35
clients: [13 6 87 55 88 78 15 4 28 11]
round 35, starting client 1/10, id: 13
round 35, starting client 2/10, id: 6
round 35, starting client 3/10, id: 87
round 35, starting client 4/10, id: 55
round 35, starting client 5/10, id: 88
round 35, starting client 6/10, id: 78
round 35, starting client 7/10, id: 15
round 35, starting client 8/10, id: 4
round 35, starting client 9/10, id: 28
round 35, starting client 10/10, id: 11
round 35, validation acc: 0.9864
starting round 36

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clients: [69 77 94 91 96 5 43 53 40 65]
round 36, starting client 1/10, id: 69
round 36, starting client 2/10, id: 77
round 36, starting client 3/10, id: 94
round 36, starting client 4/10, id: 91
round 36, starting client 5/10, id: 96
round 36, starting client 6/10, id: 5
round 36, starting client 7/10, id: 43
round 36, starting client 8/10, id: 53
round 36, starting client 9/10, id: 40
round 36, starting client 10/10, id: 65
round 36, validation acc: 0.986
starting round 37
clients: [13 17 40 60 47 65 10 5 35 55]
round 37, starting client 1/10, id: 13
round 37, starting client 2/10, id: 17
round 37, starting client 3/10, id: 40
round 37, starting client 4/10, id: 60
round 37, starting client 5/10, id: 47
round 37, starting client 6/10, id: 65
round 37, starting client 7/10, id: 10
round 37, starting client 8/10, id: 5
round 37, starting client 9/10, id: 35
round 37, starting client 10/10, id: 55
round 37, validation acc: 0.9863
starting round 38
clients: [95 30 38 23 16 75 65 68 29 22]
round 38, starting client 1/10, id: 95
round 38, starting client 2/10, id: 30
round 38, starting client 3/10, id: 38
round 38, starting client 4/10, id: 23
round 38, starting client 5/10, id: 16
round 38, starting client 6/10, id: 75
round 38, starting client 7/10, id: 65
round 38, starting client 8/10, id: 68
round 38, starting client 9/10, id: 29
round 38, starting client 10/10, id: 22
round 38, validation acc: 0.9863
starting round 39
clients: [14 58 65 20 34 9 19 29 52 11]
round 39, starting client 1/10, id: 14
round 39, starting client 2/10, id: 58
round 39, starting client 3/10, id: 65
round 39, starting client 4/10, id: 20
round 39, starting client 5/10, id: 34
round 39, starting client 6/10, id: 9
round 39, starting client 7/10, id: 19
round 39, starting client 8/10, id: 29
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round 39, starting client 9/10, id: 52
round 39, starting client 10/10, id: 11
round 39, validation acc: 0.9868
starting round 40
clients: [19 87 55 30 67 94 82 15 37 76]
round 40, starting client 1/10, id: 19
round 40, starting client 2/10, id: 87
round 40, starting client 3/10, id: 55
round 40, starting client 4/10, id: 30
round 40, starting client 5/10, id: 67
round 40, starting client 6/10, id: 94
round 40, starting client 7/10, id: 82
round 40, starting client 8/10, id: 15
round 40, starting client 9/10, id: 37
round 40, starting client 10/10, id: 76
round 40, validation acc: 0.9862
starting round 41
clients: [21 81 92 20 27 87 8 31 89 75]
round 41, starting client 1/10, id: 21
round 41, starting client 2/10, id: 81
round 41, starting client 3/10, id: 92
round 41, starting client 4/10, id: 20
round 41, starting client 5/10, id: 27
round 41, starting client 6/10, id: 87
round 41, starting client 7/10, id: 8
round 41, starting client 8/10, id: 31
round 41, starting client 9/10, id: 89
round 41, starting client 10/10, id: 75
round 41, validation acc: 0.9864
starting round 42
clients: [17 70 43 95 93 51 83 61 49 57]
round 42, starting client 1/10, id: 17
round 42, starting client 2/10, id: 70
round 42, starting client 3/10, id: 43
round 42, starting client 4/10, id: 95
round 42, starting client 5/10, id: 93
round 42, starting client 6/10, id: 51
round 42, starting client 7/10, id: 83
round 42, starting client 8/10, id: 61
round 42, starting client 9/10, id: 49
round 42, starting client 10/10, id: 57
round 42, validation acc: 0.9869
starting round 43
clients: [20 86 6 37 61 82 80 79 24 54]
round 43, starting client 1/10, id: 20
round 43, starting client 2/10, id: 86
round 43, starting client 3/10, id: 6
round 43, starting client 4/10, id: 37

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round 43, starting client 5/10, id: 61
round 43, starting client 6/10, id: 82
round 43, starting client 7/10, id: 80
round 43, starting client 8/10, id: 79
round 43, starting client 9/10, id: 24
round 43, starting client 10/10, id: 54
round 43, validation acc: 0.9865
starting round 44
clients: [80 34 53 75 78 83 36 14 95 21]
round 44, starting client 1/10, id: 80
round 44, starting client 2/10, id: 34
round 44, starting client 3/10, id: 53
round 44, starting client 4/10, id: 75
round 44, starting client 5/10, id: 78
round 44, starting client 6/10, id: 83
round 44, starting client 7/10, id: 36
round 44, starting client 8/10, id: 14
round 44, starting client 9/10, id: 95
round 44, starting client 10/10, id: 21
round 44, validation acc: 0.987
starting round 45
clients: [90 83 62 64 91 92 26 4 85 27]
round 45, starting client 1/10, id: 90
round 45, starting client 2/10, id: 83
round 45, starting client 3/10, id: 62
round 45, starting client 4/10, id: 64
round 45, starting client 5/10, id: 91
round 45, starting client 6/10, id: 92
round 45, starting client 7/10, id: 26
round 45, starting client 8/10, id: 4
round 45, starting client 9/10, id: 85
round 45, starting client 10/10, id: 27
round 45, validation acc: 0.9863
starting round 46
clients: [7 20 34 50 60 42 13 29 95 94]
round 46, starting client 1/10, id: 7
round 46, starting client 2/10, id: 20
round 46, starting client 3/10, id: 34
round 46, starting client 4/10, id: 50
round 46, starting client 5/10, id: 60
round 46, starting client 6/10, id: 42
round 46, starting client 7/10, id: 13
round 46, starting client 8/10, id: 29
round 46, starting client 9/10, id: 95
round 46, starting client 10/10, id: 94
round 46, validation acc: 0.9872
starting round 47
clients: [5 14 80 18 72 15 87 41 88 79]

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round 47, starting client 1/10, id: 5
round 47, starting client 2/10, id: 14
round 47, starting client 3/10, id: 80
round 47, starting client 4/10, id: 18
round 47, starting client 5/10, id: 72
round 47, starting client 6/10, id: 15
round 47, starting client 7/10, id: 87
round 47, starting client 8/10, id: 41
round 47, starting client 9/10, id: 88
round 47, starting client 10/10, id: 79
round 47, validation acc: 0.9876
starting round 48
clients: [49 54 2 8 65 86 33 19 47 61]
round 48, starting client 1/10, id: 49
round 48, starting client 2/10, id: 54
round 48, starting client 3/10, id: 2
round 48, starting client 4/10, id: 8
round 48, starting client 5/10, id: 65
round 48, starting client 6/10, id: 86
round 48, starting client 7/10, id: 33
round 48, starting client 8/10, id: 19
round 48, starting client 9/10, id: 47
round 48, starting client 10/10, id: 61
round 48, validation acc: 0.9878
starting round 49
clients: [88 34 31 48 11 4 70 52 74 83]
round 49, starting client 1/10, id: 88
round 49, starting client 2/10, id: 34
round 49, starting client 3/10, id: 31
round 49, starting client 4/10, id: 48
round 49, starting client 5/10, id: 11
round 49, starting client 6/10, id: 4
round 49, starting client 7/10, id: 70
round 49, starting client 8/10, id: 52
round 49, starting client 9/10, id: 74
round 49, starting client 10/10, id: 83
round 49, validation acc: 0.9877
starting round 50
clients: [68 56 34 50 39 96 26 87 28 65]
round 50, starting client 1/10, id: 68
round 50, starting client 2/10, id: 56
round 50, starting client 3/10, id: 34
round 50, starting client 4/10, id: 50
round 50, starting client 5/10, id: 39
round 50, starting client 6/10, id: 96
round 50, starting client 7/10, id: 26
round 50, starting client 8/10, id: 87
round 50, starting client 9/10, id: 28

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round 50, starting client 10/10, id: 65
round 50, validation acc: 0.988
starting round 51
clients: [79 98 46 70 88 99 55 42 20 30]
round 51, starting client 1/10, id: 79
round 51, starting client 2/10, id: 98
round 51, starting client 3/10, id: 46
round 51, starting client 4/10, id: 70
round 51, starting client 5/10, id: 88
round 51, starting client 6/10, id: 99
round 51, starting client 7/10, id: 55
round 51, starting client 8/10, id: 42
round 51, starting client 9/10, id: 20
round 51, starting client 10/10, id: 30
round 51, validation acc: 0.9874
starting round 52
clients: [42 48 35 40 92 30 83 70 27 20]
round 52, starting client 1/10, id: 42
round 52, starting client 2/10, id: 48
round 52, starting client 3/10, id: 35
round 52, starting client 4/10, id: 40
round 52, starting client 5/10, id: 92
round 52, starting client 6/10, id: 30
round 52, starting client 7/10, id: 83
round 52, starting client 8/10, id: 70
round 52, starting client 9/10, id: 27
round 52, starting client 10/10, id: 20
round 52, validation acc: 0.9879
starting round 53
clients: [88 40 81 63 95 4 58 11 75 55]
round 53, starting client 1/10, id: 88
round 53, starting client 2/10, id: 40
round 53, starting client 3/10, id: 81
round 53, starting client 4/10, id: 63
round 53, starting client 5/10, id: 95
round 53, starting client 6/10, id: 4
round 53, starting client 7/10, id: 58
round 53, starting client 8/10, id: 11
round 53, starting client 9/10, id: 75
round 53, starting client 10/10, id: 55
round 53, validation acc: 0.9877
starting round 54
clients: [78 60 51 1 3 50 58 5 24 0]
round 54, starting client 1/10, id: 78
round 54, starting client 2/10, id: 60
round 54, starting client 3/10, id: 51
round 54, starting client 4/10, id: 1
round 54, starting client 5/10, id: 3

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round 54, starting client 6/10, id: 50
 round 54, starting client 7/10, id: 58
 round 54, starting client 8/10, id: 5
 round 54, starting client 9/10, id: 24
 round 54, starting client 10/10, id: 0
 round 54, validation acc: 0.987
 starting round 55
 clients: [16 57 55 12 8 98 81 10 80 61]
 round 55, starting client 1/10, id: 16
 round 55, starting client 2/10, id: 57
 round 55, starting client 3/10, id: 55
 round 55, starting client 4/10, id: 12
 round 55, starting client 5/10, id: 8
 round 55, starting client 6/10, id: 98
 round 55, starting client 7/10, id: 81
 round 55, starting client 8/10, id: 10
 round 55, starting client 9/10, id: 80
 round 55, starting client 10/10, id: 61
 round 55, validation acc: 0.9882
 starting round 56
 clients: [78 2 95 83 41 11 73 82 97 67]
 round 56, starting client 1/10, id: 78
 round 56, starting client 2/10, id: 2
 round 56, starting client 3/10, id: 95
 round 56, starting client 4/10, id: 83
 round 56, starting client 5/10, id: 41
 round 56, starting client 6/10, id: 11
 round 56, starting client 7/10, id: 73
 round 56, starting client 8/10, id: 82
 round 56, starting client 9/10, id: 97
 round 56, starting client 10/10, id: 67
 round 56, validation acc: 0.9876
 starting round 57
 clients: [74 19 94 48 52 58 49 38 15 4]
 round 57, starting client 1/10, id: 74
 round 57, starting client 2/10, id: 19
 round 57, starting client 3/10, id: 94
 round 57, starting client 4/10, id: 48
 round 57, starting client 5/10, id: 52
 round 57, starting client 6/10, id: 58
 round 57, starting client 7/10, id: 49
 round 57, starting client 8/10, id: 38
 round 57, starting client 9/10, id: 15
 round 57, starting client 10/10, id: 4
 round 57, validation acc: 0.9877
 starting round 58
 clients: [57 46 67 75 51 24 60 23 93 87]
 round 58, starting client 1/10, id: 57

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round 58, starting client 2/10, id: 46
round 58, starting client 3/10, id: 67
round 58, starting client 4/10, id: 75
round 58, starting client 5/10, id: 51
round 58, starting client 6/10, id: 24
round 58, starting client 7/10, id: 60
round 58, starting client 8/10, id: 23
round 58, starting client 9/10, id: 93
round 58, starting client 10/10, id: 87
round 58, validation acc: 0.9871
starting round 59
clients: [97 78 4 89 99 39 70 12 96 54]
round 59, starting client 1/10, id: 97
round 59, starting client 2/10, id: 78
round 59, starting client 3/10, id: 4
round 59, starting client 4/10, id: 89
round 59, starting client 5/10, id: 99
round 59, starting client 6/10, id: 39
round 59, starting client 7/10, id: 70
round 59, starting client 8/10, id: 12
round 59, starting client 9/10, id: 96
round 59, starting client 10/10, id: 54
round 59, validation acc: 0.9874
starting round 60
clients: [36 46 0 57 96 54 93 13 71 39]
round 60, starting client 1/10, id: 36
round 60, starting client 2/10, id: 46
round 60, starting client 3/10, id: 0
round 60, starting client 4/10, id: 57
round 60, starting client 5/10, id: 96
round 60, starting client 6/10, id: 54
round 60, starting client 7/10, id: 93
round 60, starting client 8/10, id: 13
round 60, starting client 9/10, id: 71
round 60, starting client 10/10, id: 39
round 60, validation acc: 0.9875
starting round 61
clients: [41 48 28 71 53 32 8 74 94 44]
round 61, starting client 1/10, id: 41
round 61, starting client 2/10, id: 48
round 61, starting client 3/10, id: 28
round 61, starting client 4/10, id: 71
round 61, starting client 5/10, id: 53
round 61, starting client 6/10, id: 32
round 61, starting client 7/10, id: 8
round 61, starting client 8/10, id: 74
round 61, starting client 9/10, id: 94
round 61, starting client 10/10, id: 44

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round 61, validation acc: 0.9874
starting round 62
clients: [96 48 73 74 59 46 76 79 69 33]
round 62, starting client 1/10, id: 96
round 62, starting client 2/10, id: 48
round 62, starting client 3/10, id: 73
round 62, starting client 4/10, id: 74
round 62, starting client 5/10, id: 59
round 62, starting client 6/10, id: 46
round 62, starting client 7/10, id: 76
round 62, starting client 8/10, id: 79
round 62, starting client 9/10, id: 69
round 62, starting client 10/10, id: 33
round 62, validation acc: 0.9879
starting round 63
clients: [21 2 47 54 68 71 37 20 55 27]
round 63, starting client 1/10, id: 21
round 63, starting client 2/10, id: 2
round 63, starting client 3/10, id: 47
round 63, starting client 4/10, id: 54
round 63, starting client 5/10, id: 68
round 63, starting client 6/10, id: 71
round 63, starting client 7/10, id: 37
round 63, starting client 8/10, id: 20
round 63, starting client 9/10, id: 55
round 63, starting client 10/10, id: 27
round 63, validation acc: 0.9877
starting round 64
clients: [32 48 59 10 92 19 72 34 47 7]
round 64, starting client 1/10, id: 32
round 64, starting client 2/10, id: 48
round 64, starting client 3/10, id: 59
round 64, starting client 4/10, id: 10
round 64, starting client 5/10, id: 92
round 64, starting client 6/10, id: 19
round 64, starting client 7/10, id: 72
round 64, starting client 8/10, id: 34
round 64, starting client 9/10, id: 47
round 64, starting client 10/10, id: 7
round 64, validation acc: 0.9886
starting round 65
clients: [10 60 85 46 30 86 66 5 15 9]
round 65, starting client 1/10, id: 10
round 65, starting client 2/10, id: 60
round 65, starting client 3/10, id: 85
round 65, starting client 4/10, id: 46
round 65, starting client 5/10, id: 30
round 65, starting client 6/10, id: 86

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round 65, starting client 7/10, id: 66
round 65, starting client 8/10, id: 5
round 65, starting client 9/10, id: 15
round 65, starting client 10/10, id: 9
round 65, validation acc: 0.988
starting round 66
clients: [82 41 1 81 95 78 48 24 35 26]
round 66, starting client 1/10, id: 82
round 66, starting client 2/10, id: 41
round 66, starting client 3/10, id: 1
round 66, starting client 4/10, id: 81
round 66, starting client 5/10, id: 95
round 66, starting client 6/10, id: 78
round 66, starting client 7/10, id: 48
round 66, starting client 8/10, id: 24
round 66, starting client 9/10, id: 35
round 66, starting client 10/10, id: 26
round 66, validation acc: 0.9871
starting round 67
clients: [18 50 44 23 63 15 70 72 78 26]
round 67, starting client 1/10, id: 18
round 67, starting client 2/10, id: 50
round 67, starting client 3/10, id: 44
round 67, starting client 4/10, id: 23
round 67, starting client 5/10, id: 63
round 67, starting client 6/10, id: 15
round 67, starting client 7/10, id: 70
round 67, starting client 8/10, id: 72
round 67, starting client 9/10, id: 78
round 67, starting client 10/10, id: 26
round 67, validation acc: 0.9876
starting round 68
clients: [31 95 48 17 47 18 85 57 33 76]
round 68, starting client 1/10, id: 31
round 68, starting client 2/10, id: 95
round 68, starting client 3/10, id: 48
round 68, starting client 4/10, id: 17
round 68, starting client 5/10, id: 47
round 68, starting client 6/10, id: 18
round 68, starting client 7/10, id: 85
round 68, starting client 8/10, id: 57
round 68, starting client 9/10, id: 33
round 68, starting client 10/10, id: 76
round 68, validation acc: 0.9886
starting round 69
clients: [70 25 85 77 98 81 33 42 57 20]
round 69, starting client 1/10, id: 70
round 69, starting client 2/10, id: 25

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round 69, starting client 3/10, id: 85
round 69, starting client 4/10, id: 77
round 69, starting client 5/10, id: 98
round 69, starting client 6/10, id: 81
round 69, starting client 7/10, id: 33
round 69, starting client 8/10, id: 42
round 69, starting client 9/10, id: 57
round 69, starting client 10/10, id: 20
round 69, validation acc: 0.9884
starting round 70
clients: [22 10 16 81 39 77 41 83 36 55]
round 70, starting client 1/10, id: 22
round 70, starting client 2/10, id: 10
round 70, starting client 3/10, id: 16
round 70, starting client 4/10, id: 81
round 70, starting client 5/10, id: 39
round 70, starting client 6/10, id: 77
round 70, starting client 7/10, id: 41
round 70, starting client 8/10, id: 83
round 70, starting client 9/10, id: 36
round 70, starting client 10/10, id: 55
round 70, validation acc: 0.9888
starting round 71
clients: [22 58 29 34 8 88 86 74 78 6]
round 71, starting client 1/10, id: 22
round 71, starting client 2/10, id: 58
round 71, starting client 3/10, id: 29
round 71, starting client 4/10, id: 34
round 71, starting client 5/10, id: 8
round 71, starting client 6/10, id: 88
round 71, starting client 7/10, id: 86
round 71, starting client 8/10, id: 74
round 71, starting client 9/10, id: 78
round 71, starting client 10/10, id: 6
round 71, validation acc: 0.9889
starting round 72
clients: [80 93 59 72 39 19 10 4 99 13]
round 72, starting client 1/10, id: 80
round 72, starting client 2/10, id: 93
round 72, starting client 3/10, id: 59
round 72, starting client 4/10, id: 72
round 72, starting client 5/10, id: 39
round 72, starting client 6/10, id: 19
round 72, starting client 7/10, id: 10
round 72, starting client 8/10, id: 4
round 72, starting client 9/10, id: 99
round 72, starting client 10/10, id: 13
round 72, validation acc: 0.9883

```

```
starting round 73
clients: [21 83 16 14 80 5 56 52 64 74]
round 73, starting client 1/10, id: 21
round 73, starting client 2/10, id: 83
round 73, starting client 3/10, id: 16
round 73, starting client 4/10, id: 14
round 73, starting client 5/10, id: 80
round 73, starting client 6/10, id: 5
round 73, starting client 7/10, id: 56
round 73, starting client 8/10, id: 52
round 73, starting client 9/10, id: 64
round 73, starting client 10/10, id: 74
round 73, validation acc: 0.9881
starting round 74
clients: [29 41 7 38 59 92 78 28 32 70]
round 74, starting client 1/10, id: 29
round 74, starting client 2/10, id: 41
round 74, starting client 3/10, id: 7
round 74, starting client 4/10, id: 38
round 74, starting client 5/10, id: 59
round 74, starting client 6/10, id: 92
round 74, starting client 7/10, id: 78
round 74, starting client 8/10, id: 28
round 74, starting client 9/10, id: 32
round 74, starting client 10/10, id: 70
round 74, validation acc: 0.9887
starting round 75
clients: [51 20 88 30 75 32 84 76 72 37]
round 75, starting client 1/10, id: 51
round 75, starting client 2/10, id: 20
round 75, starting client 3/10, id: 88
round 75, starting client 4/10, id: 30
round 75, starting client 5/10, id: 75
round 75, starting client 6/10, id: 32
round 75, starting client 7/10, id: 84
round 75, starting client 8/10, id: 76
round 75, starting client 9/10, id: 72
round 75, starting client 10/10, id: 37
round 75, validation acc: 0.9888
starting round 76
clients: [85 29 88 20 17 51 93 62 99 86]
round 76, starting client 1/10, id: 85
round 76, starting client 2/10, id: 29
round 76, starting client 3/10, id: 88
round 76, starting client 4/10, id: 20
round 76, starting client 5/10, id: 17
round 76, starting client 6/10, id: 51
round 76, starting client 7/10, id: 93
```

round 76, starting client 8/10, id: 62
round 76, starting client 9/10, id: 99
round 76, starting client 10/10, id: 86
round 76, validation acc: 0.9889
starting round 77
clients: [45 75 18 64 80 93 94 28 31 83]
round 77, starting client 1/10, id: 45
round 77, starting client 2/10, id: 75
round 77, starting client 3/10, id: 18
round 77, starting client 4/10, id: 64
round 77, starting client 5/10, id: 80
round 77, starting client 6/10, id: 93
round 77, starting client 7/10, id: 94
round 77, starting client 8/10, id: 28
round 77, starting client 9/10, id: 31
round 77, starting client 10/10, id: 83
round 77, validation acc: 0.989
starting round 78
clients: [72 41 24 30 93 80 43 33 53 59]
round 78, starting client 1/10, id: 72
round 78, starting client 2/10, id: 41
round 78, starting client 3/10, id: 24
round 78, starting client 4/10, id: 30
round 78, starting client 5/10, id: 93
round 78, starting client 6/10, id: 80
round 78, starting client 7/10, id: 43
round 78, starting client 8/10, id: 33
round 78, starting client 9/10, id: 53
round 78, starting client 10/10, id: 59
round 78, validation acc: 0.9894
starting round 79
clients: [70 23 49 87 27 37 62 25 61 94]
round 79, starting client 1/10, id: 70
round 79, starting client 2/10, id: 23
round 79, starting client 3/10, id: 49
round 79, starting client 4/10, id: 87
round 79, starting client 5/10, id: 27
round 79, starting client 6/10, id: 37
round 79, starting client 7/10, id: 62
round 79, starting client 8/10, id: 25
round 79, starting client 9/10, id: 61
round 79, starting client 10/10, id: 94
round 79, validation acc: 0.989
starting round 80
clients: [48 74 21 12 69 87 62 82 7 35]
round 80, starting client 1/10, id: 48
round 80, starting client 2/10, id: 74
round 80, starting client 3/10, id: 21

```

round 80, starting client 4/10, id: 12
round 80, starting client 5/10, id: 69
round 80, starting client 6/10, id: 87
round 80, starting client 7/10, id: 62
round 80, starting client 8/10, id: 82
round 80, starting client 9/10, id: 7
round 80, starting client 10/10, id: 35
round 80, validation acc: 0.9885
starting round 81
clients: [31 51 3 42 98 72 11 99 41 6]
round 81, starting client 1/10, id: 31
round 81, starting client 2/10, id: 51
round 81, starting client 3/10, id: 3
round 81, starting client 4/10, id: 42
round 81, starting client 5/10, id: 98
round 81, starting client 6/10, id: 72
round 81, starting client 7/10, id: 11
round 81, starting client 8/10, id: 99
round 81, starting client 9/10, id: 41
round 81, starting client 10/10, id: 6
round 81, validation acc: 0.9894
starting round 82
clients: [48 74 72 98 85 93 21 61 32 78]
round 82, starting client 1/10, id: 48
round 82, starting client 2/10, id: 74
round 82, starting client 3/10, id: 72
round 82, starting client 4/10, id: 98
round 82, starting client 5/10, id: 85
round 82, starting client 6/10, id: 93
round 82, starting client 7/10, id: 21
round 82, starting client 8/10, id: 61
round 82, starting client 9/10, id: 32
round 82, starting client 10/10, id: 78
round 82, validation acc: 0.9896
starting round 83
clients: [63 65 20 51 46 5 90 34 74 64]
round 83, starting client 1/10, id: 63
round 83, starting client 2/10, id: 65
round 83, starting client 3/10, id: 20
round 83, starting client 4/10, id: 51
round 83, starting client 5/10, id: 46
round 83, starting client 6/10, id: 5
round 83, starting client 7/10, id: 90
round 83, starting client 8/10, id: 34
round 83, starting client 9/10, id: 74
round 83, starting client 10/10, id: 64
round 83, validation acc: 0.9898
starting round 84

```

```
clients: [37 21 77 4 32 44 54 31 87 38]
round 84, starting client 1/10, id: 37
round 84, starting client 2/10, id: 21
round 84, starting client 3/10, id: 77
round 84, starting client 4/10, id: 4
round 84, starting client 5/10, id: 32
round 84, starting client 6/10, id: 44
round 84, starting client 7/10, id: 54
round 84, starting client 8/10, id: 31
round 84, starting client 9/10, id: 87
round 84, starting client 10/10, id: 38
round 84, validation acc: 0.9892
starting round 85
clients: [82 75 1 74 4 59 65 9 15 36]
round 85, starting client 1/10, id: 82
round 85, starting client 2/10, id: 75
round 85, starting client 3/10, id: 1
round 85, starting client 4/10, id: 74
round 85, starting client 5/10, id: 4
round 85, starting client 6/10, id: 59
round 85, starting client 7/10, id: 65
round 85, starting client 8/10, id: 9
round 85, starting client 9/10, id: 15
round 85, starting client 10/10, id: 36
round 85, validation acc: 0.9885
starting round 86
clients: [69 44 51 8 45 46 93 91 32 11]
round 86, starting client 1/10, id: 69
round 86, starting client 2/10, id: 44
round 86, starting client 3/10, id: 51
round 86, starting client 4/10, id: 8
round 86, starting client 5/10, id: 45
round 86, starting client 6/10, id: 46
round 86, starting client 7/10, id: 93
round 86, starting client 8/10, id: 91
round 86, starting client 9/10, id: 32
round 86, starting client 10/10, id: 11
round 86, validation acc: 0.9884
starting round 87
clients: [64 14 95 28 87 49 77 32 18 1]
round 87, starting client 1/10, id: 64
round 87, starting client 2/10, id: 14
round 87, starting client 3/10, id: 95
round 87, starting client 4/10, id: 28
round 87, starting client 5/10, id: 87
round 87, starting client 6/10, id: 49
round 87, starting client 7/10, id: 77
round 87, starting client 8/10, id: 32
```

round 87, starting client 9/10, id: 18
round 87, starting client 10/10, id: 1
round 87, validation acc: 0.9886
starting round 88
clients: [74 11 49 7 91 73 88 98 61 40]
round 88, starting client 1/10, id: 74
round 88, starting client 2/10, id: 11
round 88, starting client 3/10, id: 49
round 88, starting client 4/10, id: 7
round 88, starting client 5/10, id: 91
round 88, starting client 6/10, id: 73
round 88, starting client 7/10, id: 88
round 88, starting client 8/10, id: 98
round 88, starting client 9/10, id: 61
round 88, starting client 10/10, id: 40
round 88, validation acc: 0.9888
starting round 89
clients: [76 27 56 89 34 32 82 73 75 55]
round 89, starting client 1/10, id: 76
round 89, starting client 2/10, id: 27
round 89, starting client 3/10, id: 56
round 89, starting client 4/10, id: 89
round 89, starting client 5/10, id: 34
round 89, starting client 6/10, id: 32
round 89, starting client 7/10, id: 82
round 89, starting client 8/10, id: 73
round 89, starting client 9/10, id: 75
round 89, starting client 10/10, id: 55
round 89, validation acc: 0.9887
starting round 90
clients: [37 75 14 60 58 11 39 93 61 30]
round 90, starting client 1/10, id: 37
round 90, starting client 2/10, id: 75
round 90, starting client 3/10, id: 14
round 90, starting client 4/10, id: 60
round 90, starting client 5/10, id: 58
round 90, starting client 6/10, id: 11
round 90, starting client 7/10, id: 39
round 90, starting client 8/10, id: 93
round 90, starting client 9/10, id: 61
round 90, starting client 10/10, id: 30
round 90, validation acc: 0.9886
starting round 91
clients: [18 17 55 93 15 51 45 82 88 57]
round 91, starting client 1/10, id: 18
round 91, starting client 2/10, id: 17
round 91, starting client 3/10, id: 55
round 91, starting client 4/10, id: 93

round 91, starting client 5/10, id: 15
round 91, starting client 6/10, id: 51
round 91, starting client 7/10, id: 45
round 91, starting client 8/10, id: 82
round 91, starting client 9/10, id: 88
round 91, starting client 10/10, id: 57
round 91, validation acc: 0.9888
starting round 92
clients: [61 68 74 52 51 53 58 34 54 95]
round 92, starting client 1/10, id: 61
round 92, starting client 2/10, id: 68
round 92, starting client 3/10, id: 74
round 92, starting client 4/10, id: 52
round 92, starting client 5/10, id: 51
round 92, starting client 6/10, id: 53
round 92, starting client 7/10, id: 58
round 92, starting client 8/10, id: 34
round 92, starting client 9/10, id: 54
round 92, starting client 10/10, id: 95
round 92, validation acc: 0.9889
starting round 93
clients: [60 98 16 65 95 59 80 45 76 46]
round 93, starting client 1/10, id: 60
round 93, starting client 2/10, id: 98
round 93, starting client 3/10, id: 16
round 93, starting client 4/10, id: 65
round 93, starting client 5/10, id: 95
round 93, starting client 6/10, id: 59
round 93, starting client 7/10, id: 80
round 93, starting client 8/10, id: 45
round 93, starting client 9/10, id: 76
round 93, starting client 10/10, id: 46
round 93, validation acc: 0.9891
starting round 94
clients: [87 78 48 42 59 45 5 62 61 0]
round 94, starting client 1/10, id: 87
round 94, starting client 2/10, id: 78
round 94, starting client 3/10, id: 48
round 94, starting client 4/10, id: 42
round 94, starting client 5/10, id: 59
round 94, starting client 6/10, id: 45
round 94, starting client 7/10, id: 5
round 94, starting client 8/10, id: 62
round 94, starting client 9/10, id: 61
round 94, starting client 10/10, id: 0
round 94, validation acc: 0.9896
starting round 95
clients: [41 47 52 22 14 67 8 65 96 34]

```

round 95, starting client 1/10, id: 41
round 95, starting client 2/10, id: 47
round 95, starting client 3/10, id: 52
round 95, starting client 4/10, id: 22
round 95, starting client 5/10, id: 14
round 95, starting client 6/10, id: 67
round 95, starting client 7/10, id: 8
round 95, starting client 8/10, id: 65
round 95, starting client 9/10, id: 96
round 95, starting client 10/10, id: 34
round 95, validation acc: 0.9897
starting round 96
clients: [ 4 74 51 87 8 19 6 36 16 97]
round 96, starting client 1/10, id: 4
round 96, starting client 2/10, id: 74
round 96, starting client 3/10, id: 51
round 96, starting client 4/10, id: 87
round 96, starting client 5/10, id: 8
round 96, starting client 6/10, id: 19
round 96, starting client 7/10, id: 6
round 96, starting client 8/10, id: 36
round 96, starting client 9/10, id: 16
round 96, starting client 10/10, id: 97
round 96, validation acc: 0.9899
starting round 97
clients: [83 72 76 89 68 44 62 71 25 0]
round 97, starting client 1/10, id: 83
round 97, starting client 2/10, id: 72
round 97, starting client 3/10, id: 76
round 97, starting client 4/10, id: 89
round 97, starting client 5/10, id: 68
round 97, starting client 6/10, id: 44
round 97, starting client 7/10, id: 62
round 97, starting client 8/10, id: 71
round 97, starting client 9/10, id: 25
round 97, starting client 10/10, id: 0
round 97, validation acc: 0.9892
starting round 98
clients: [91 72 9 92 49 23 1 94 62 37]
round 98, starting client 1/10, id: 91
round 98, starting client 2/10, id: 72
round 98, starting client 3/10, id: 9
round 98, starting client 4/10, id: 92
round 98, starting client 5/10, id: 49
round 98, starting client 6/10, id: 23
round 98, starting client 7/10, id: 1
round 98, starting client 8/10, id: 94
round 98, starting client 9/10, id: 62

```

```

round 98, starting client 10/10, id: 37
round 98, validation acc: 0.9888
starting round 99
clients: [16 63 40 78 56 85 84 79 36 60]
round 99, starting client 1/10, id: 16
round 99, starting client 2/10, id: 63
round 99, starting client 3/10, id: 40
round 99, starting client 4/10, id: 78
round 99, starting client 5/10, id: 56
round 99, starting client 6/10, id: 85
round 99, starting client 7/10, id: 84
round 99, starting client 8/10, id: 79
round 99, starting client 9/10, id: 36
round 99, starting client 10/10, id: 60
round 99, validation acc: 0.9896
[0.9118 0.9382 0.9496 0.9583 0.9648 0.968 0.9718 0.9739 0.9742 0.9753
 0.9767 0.9775 0.9776 0.9793 0.9798 0.9802 0.9811 0.9816 0.9824 0.9822
 0.9832 0.9829 0.9837 0.9837 0.9836 0.9843 0.9841 0.9849 0.9845 0.985
 0.9846 0.985 0.9862 0.9861 0.9853 0.9864 0.986 0.9863 0.9863 0.9868
 0.9862 0.9864 0.9869 0.9865 0.987 0.9863 0.9872 0.9876 0.9878 0.9877
 0.988 0.9874 0.9879 0.9877 0.987 0.9882 0.9876 0.9877 0.9871 0.9874
 0.9875 0.9874 0.9879 0.9877 0.9886 0.988 0.9871 0.9876 0.9886 0.9884
 0.9888 0.9889 0.9883 0.9881 0.9887 0.9888 0.9889 0.989 0.9894 0.989
 0.9885 0.9894 0.9896 0.9898 0.9892 0.9885 0.9884 0.9886 0.9888 0.9887
 0.9886 0.9888 0.9889 0.9891 0.9896 0.9897 0.9899 0.9892 0.9888 0.9896]

```

```

[66]: # CNN - iid - m=50 experiment
cnn_iid_m50 = copy.deepcopy(cnn)
acc_cnn_iid_m50 = fed_avg_experiment(cnn_iid_m50, num_clients_per_round=50,
                                     num_local_epochs=5,
                                     lr=0.01,
                                     client_train_loader = iid_client_train_loader,
                                     max_rounds=100,
                                     filename='./acc_cnn_iid_m50')

print(acc_cnn_iid_m50)
np.save('./acc_cnn_iid_m50.npy', acc_cnn_iid_m50)

```

```

starting round 0
clients: [97 72 77 84 57 1 94 32 15 50 75 51 71 0 93 76 16 41 95 27 30 80 55
85
 67 18 38 70 68 25 40 89 39 23 7 13 14 56 22 48 60 61 36 11 83 99 5 37
 42 33]
round 0, starting client 1/50, id: 97
round 0, starting client 2/50, id: 72
round 0, starting client 3/50, id: 77
round 0, starting client 4/50, id: 84
round 0, starting client 5/50, id: 57
round 0, starting client 6/50, id: 1

```

```

round 0, starting client 7/50, id: 94
round 0, starting client 8/50, id: 32
round 0, starting client 9/50, id: 15
round 0, starting client 10/50, id: 50
round 0, starting client 11/50, id: 75
round 0, starting client 12/50, id: 51
round 0, starting client 13/50, id: 71
round 0, starting client 14/50, id: 0
round 0, starting client 15/50, id: 93
round 0, starting client 16/50, id: 76
round 0, starting client 17/50, id: 16
round 0, starting client 18/50, id: 41
round 0, starting client 19/50, id: 95
round 0, starting client 20/50, id: 27
round 0, starting client 21/50, id: 30
round 0, starting client 22/50, id: 80
round 0, starting client 23/50, id: 55
round 0, starting client 24/50, id: 85
round 0, starting client 25/50, id: 67
round 0, starting client 26/50, id: 18
round 0, starting client 27/50, id: 38
round 0, starting client 28/50, id: 70
round 0, starting client 29/50, id: 68
round 0, starting client 30/50, id: 25
round 0, starting client 31/50, id: 40
round 0, starting client 32/50, id: 89
round 0, starting client 33/50, id: 39
round 0, starting client 34/50, id: 23
round 0, starting client 35/50, id: 7
round 0, starting client 36/50, id: 13
round 0, starting client 37/50, id: 14
round 0, starting client 38/50, id: 56
round 0, starting client 39/50, id: 22
round 0, starting client 40/50, id: 48
round 0, starting client 41/50, id: 60
round 0, starting client 42/50, id: 61
round 0, starting client 43/50, id: 36
round 0, starting client 44/50, id: 11
round 0, starting client 45/50, id: 83
round 0, starting client 46/50, id: 99
round 0, starting client 47/50, id: 5
round 0, starting client 48/50, id: 37
round 0, starting client 49/50, id: 42
round 0, starting client 50/50, id: 33
round 0, validation acc: 0.9135
starting round 1
clients: [78 61 41 75 16 36 27 96 40 33 93 45 91  9 54 52 65 32 35 34 71 69 21
31

```

86 58 95 80 1 28 11 50 12 68 29 70 42 46 10 5 73 60 25 67 7 88 39 87
94 81]

round 1, starting client 1/50, id: 78
round 1, starting client 2/50, id: 61
round 1, starting client 3/50, id: 41
round 1, starting client 4/50, id: 75
round 1, starting client 5/50, id: 16
round 1, starting client 6/50, id: 36
round 1, starting client 7/50, id: 27
round 1, starting client 8/50, id: 96
round 1, starting client 9/50, id: 40
round 1, starting client 10/50, id: 33
round 1, starting client 11/50, id: 93
round 1, starting client 12/50, id: 45
round 1, starting client 13/50, id: 91
round 1, starting client 14/50, id: 9
round 1, starting client 15/50, id: 54
round 1, starting client 16/50, id: 52
round 1, starting client 17/50, id: 65
round 1, starting client 18/50, id: 32
round 1, starting client 19/50, id: 35
round 1, starting client 20/50, id: 34
round 1, starting client 21/50, id: 71
round 1, starting client 22/50, id: 69
round 1, starting client 23/50, id: 21
round 1, starting client 24/50, id: 31
round 1, starting client 25/50, id: 86
round 1, starting client 26/50, id: 58
round 1, starting client 27/50, id: 95
round 1, starting client 28/50, id: 80
round 1, starting client 29/50, id: 1
round 1, starting client 30/50, id: 28
round 1, starting client 31/50, id: 11
round 1, starting client 32/50, id: 50
round 1, starting client 33/50, id: 12
round 1, starting client 34/50, id: 68
round 1, starting client 35/50, id: 29
round 1, starting client 36/50, id: 70
round 1, starting client 37/50, id: 42
round 1, starting client 38/50, id: 46
round 1, starting client 39/50, id: 10
round 1, starting client 40/50, id: 5
round 1, starting client 41/50, id: 73
round 1, starting client 42/50, id: 60
round 1, starting client 43/50, id: 25
round 1, starting client 44/50, id: 67
round 1, starting client 45/50, id: 7
round 1, starting client 46/50, id: 88

```

round 1, starting client 47/50, id: 39
round 1, starting client 48/50, id: 87
round 1, starting client 49/50, id: 94
round 1, starting client 50/50, id: 81
round 1, validation acc: 0.9376
starting round 2
clients: [71 33 93 6 0 83 81 24 36 68 99 32 57 52 4 62 9 66 64 84 89 77 21
55
16 61 15 78 42 23 95 54 41 38 92 97 85 87 56 63 22 60 44 50 26 3 88 48
46 65]
round 2, starting client 1/50, id: 71
round 2, starting client 2/50, id: 33
round 2, starting client 3/50, id: 93
round 2, starting client 4/50, id: 6
round 2, starting client 5/50, id: 0
round 2, starting client 6/50, id: 83
round 2, starting client 7/50, id: 81
round 2, starting client 8/50, id: 24
round 2, starting client 9/50, id: 36
round 2, starting client 10/50, id: 68
round 2, starting client 11/50, id: 99
round 2, starting client 12/50, id: 32
round 2, starting client 13/50, id: 57
round 2, starting client 14/50, id: 52
round 2, starting client 15/50, id: 4
round 2, starting client 16/50, id: 62
round 2, starting client 17/50, id: 9
round 2, starting client 18/50, id: 66
round 2, starting client 19/50, id: 64
round 2, starting client 20/50, id: 84
round 2, starting client 21/50, id: 89
round 2, starting client 22/50, id: 77
round 2, starting client 23/50, id: 21
round 2, starting client 24/50, id: 55
round 2, starting client 25/50, id: 16
round 2, starting client 26/50, id: 61
round 2, starting client 27/50, id: 15
round 2, starting client 28/50, id: 78
round 2, starting client 29/50, id: 42
round 2, starting client 30/50, id: 23
round 2, starting client 31/50, id: 95
round 2, starting client 32/50, id: 54
round 2, starting client 33/50, id: 41
round 2, starting client 34/50, id: 38
round 2, starting client 35/50, id: 92
round 2, starting client 36/50, id: 97
round 2, starting client 37/50, id: 85
round 2, starting client 38/50, id: 87

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round 2, starting client 39/50, id: 56
round 2, starting client 40/50, id: 63
round 2, starting client 41/50, id: 22
round 2, starting client 42/50, id: 60
round 2, starting client 43/50, id: 44
round 2, starting client 44/50, id: 50
round 2, starting client 45/50, id: 26
round 2, starting client 46/50, id: 3
round 2, starting client 47/50, id: 88
round 2, starting client 48/50, id: 48
round 2, starting client 49/50, id: 46
round 2, starting client 50/50, id: 65
round 2, validation acc: 0.952
starting round 3
clients: [26 87 67 58 69 52 74 88 82 95 18 73 24 84 13 99 61 49 48 98 54 65 4
11
75 92 79 31 96 12 2 46 89 16 17 86 68 64 77 70 51 0 30 38 55 60 43 93
50 22]
round 3, starting client 1/50, id: 26
round 3, starting client 2/50, id: 87
round 3, starting client 3/50, id: 67
round 3, starting client 4/50, id: 58
round 3, starting client 5/50, id: 69
round 3, starting client 6/50, id: 52
round 3, starting client 7/50, id: 74
round 3, starting client 8/50, id: 88
round 3, starting client 9/50, id: 82
round 3, starting client 10/50, id: 95
round 3, starting client 11/50, id: 18
round 3, starting client 12/50, id: 73
round 3, starting client 13/50, id: 24
round 3, starting client 14/50, id: 84
round 3, starting client 15/50, id: 13
round 3, starting client 16/50, id: 99
round 3, starting client 17/50, id: 61
round 3, starting client 18/50, id: 49
round 3, starting client 19/50, id: 48
round 3, starting client 20/50, id: 98
round 3, starting client 21/50, id: 54
round 3, starting client 22/50, id: 65
round 3, starting client 23/50, id: 4
round 3, starting client 24/50, id: 11
round 3, starting client 25/50, id: 75
round 3, starting client 26/50, id: 92
round 3, starting client 27/50, id: 79
round 3, starting client 28/50, id: 31
round 3, starting client 29/50, id: 96
round 3, starting client 30/50, id: 12

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round 3, starting client 31/50, id: 2
round 3, starting client 32/50, id: 46
round 3, starting client 33/50, id: 89
round 3, starting client 34/50, id: 16
round 3, starting client 35/50, id: 17
round 3, starting client 36/50, id: 86
round 3, starting client 37/50, id: 68
round 3, starting client 38/50, id: 64
round 3, starting client 39/50, id: 77
round 3, starting client 40/50, id: 70
round 3, starting client 41/50, id: 51
round 3, starting client 42/50, id: 0
round 3, starting client 43/50, id: 30
round 3, starting client 44/50, id: 38
round 3, starting client 45/50, id: 55
round 3, starting client 46/50, id: 60
round 3, starting client 47/50, id: 43
round 3, starting client 48/50, id: 93
round 3, starting client 49/50, id: 50
round 3, starting client 50/50, id: 22
round 3, validation acc: 0.9581
starting round 4
clients: [85 64 83 40 84 22 78 26 54 56 75 86 68 28 57 9 11 15 2 49 27 82 61
81
19 92 43 73 7 70 24 91 62 53 30 60 4 0 18 67 59 65 90 42 39 88 80 46
98 71]
round 4, starting client 1/50, id: 85
round 4, starting client 2/50, id: 64
round 4, starting client 3/50, id: 83
round 4, starting client 4/50, id: 40
round 4, starting client 5/50, id: 84
round 4, starting client 6/50, id: 22
round 4, starting client 7/50, id: 78
round 4, starting client 8/50, id: 26
round 4, starting client 9/50, id: 54
round 4, starting client 10/50, id: 56
round 4, starting client 11/50, id: 75
round 4, starting client 12/50, id: 86
round 4, starting client 13/50, id: 68
round 4, starting client 14/50, id: 28
round 4, starting client 15/50, id: 57
round 4, starting client 16/50, id: 9
round 4, starting client 17/50, id: 11
round 4, starting client 18/50, id: 15
round 4, starting client 19/50, id: 2
round 4, starting client 20/50, id: 49
round 4, starting client 21/50, id: 27
round 4, starting client 22/50, id: 82

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round 4, starting client 23/50, id: 61
round 4, starting client 24/50, id: 81
round 4, starting client 25/50, id: 19
round 4, starting client 26/50, id: 92
round 4, starting client 27/50, id: 43
round 4, starting client 28/50, id: 73
round 4, starting client 29/50, id: 7
round 4, starting client 30/50, id: 70
round 4, starting client 31/50, id: 24
round 4, starting client 32/50, id: 91
round 4, starting client 33/50, id: 62
round 4, starting client 34/50, id: 53
round 4, starting client 35/50, id: 30
round 4, starting client 36/50, id: 60
round 4, starting client 37/50, id: 4
round 4, starting client 38/50, id: 0
round 4, starting client 39/50, id: 18
round 4, starting client 40/50, id: 67
round 4, starting client 41/50, id: 59
round 4, starting client 42/50, id: 65
round 4, starting client 43/50, id: 90
round 4, starting client 44/50, id: 42
round 4, starting client 45/50, id: 39
round 4, starting client 46/50, id: 88
round 4, starting client 47/50, id: 80
round 4, starting client 48/50, id: 46
round 4, starting client 49/50, id: 98
round 4, starting client 50/50, id: 71
round 4, validation acc: 0.9652
starting round 5
clients: [94 93 15 18 96 6 85 9 22 14 26 35 47 49 54 34 58 30 89 10 77 28 24
50
98 80 53 39 69 90 8 84 76 37 2 74 45 43 20 91 92 83 79 36 19 78 27 62
21 99]
round 5, starting client 1/50, id: 94
round 5, starting client 2/50, id: 93
round 5, starting client 3/50, id: 15
round 5, starting client 4/50, id: 18
round 5, starting client 5/50, id: 96
round 5, starting client 6/50, id: 6
round 5, starting client 7/50, id: 85
round 5, starting client 8/50, id: 9
round 5, starting client 9/50, id: 22
round 5, starting client 10/50, id: 14
round 5, starting client 11/50, id: 26
round 5, starting client 12/50, id: 35
round 5, starting client 13/50, id: 47
round 5, starting client 14/50, id: 49

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round 5, starting client 15/50, id: 54
round 5, starting client 16/50, id: 34
round 5, starting client 17/50, id: 58
round 5, starting client 18/50, id: 30
round 5, starting client 19/50, id: 89
round 5, starting client 20/50, id: 10
round 5, starting client 21/50, id: 77
round 5, starting client 22/50, id: 28
round 5, starting client 23/50, id: 24
round 5, starting client 24/50, id: 50
round 5, starting client 25/50, id: 98
round 5, starting client 26/50, id: 80
round 5, starting client 27/50, id: 53
round 5, starting client 28/50, id: 39
round 5, starting client 29/50, id: 69
round 5, starting client 30/50, id: 90
round 5, starting client 31/50, id: 8
round 5, starting client 32/50, id: 84
round 5, starting client 33/50, id: 76
round 5, starting client 34/50, id: 37
round 5, starting client 35/50, id: 2
round 5, starting client 36/50, id: 74
round 5, starting client 37/50, id: 45
round 5, starting client 38/50, id: 43
round 5, starting client 39/50, id: 20
round 5, starting client 40/50, id: 91
round 5, starting client 41/50, id: 92
round 5, starting client 42/50, id: 83
round 5, starting client 43/50, id: 79
round 5, starting client 44/50, id: 36
round 5, starting client 45/50, id: 19
round 5, starting client 46/50, id: 78
round 5, starting client 47/50, id: 27
round 5, starting client 48/50, id: 62
round 5, starting client 49/50, id: 21
round 5, starting client 50/50, id: 99
round 5, validation acc: 0.9677
starting round 6
clients: [18 2 53 63 36 52 22 9 95 87 80 62 41 83 69 66 76 57 74 79 65 82 7
91
81 39 60 30 61 77 97 12 86 25 99 3 5 72 90 35 20 13 42 58 94 73 4 85
44 11]
round 6, starting client 1/50, id: 18
round 6, starting client 2/50, id: 2
round 6, starting client 3/50, id: 53
round 6, starting client 4/50, id: 63
round 6, starting client 5/50, id: 36
round 6, starting client 6/50, id: 52

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round 6, starting client 7/50, id: 22
round 6, starting client 8/50, id: 9
round 6, starting client 9/50, id: 95
round 6, starting client 10/50, id: 87
round 6, starting client 11/50, id: 80
round 6, starting client 12/50, id: 62
round 6, starting client 13/50, id: 41
round 6, starting client 14/50, id: 83
round 6, starting client 15/50, id: 69
round 6, starting client 16/50, id: 66
round 6, starting client 17/50, id: 76
round 6, starting client 18/50, id: 57
round 6, starting client 19/50, id: 74
round 6, starting client 20/50, id: 79
round 6, starting client 21/50, id: 65
round 6, starting client 22/50, id: 82
round 6, starting client 23/50, id: 7
round 6, starting client 24/50, id: 91
round 6, starting client 25/50, id: 81
round 6, starting client 26/50, id: 39
round 6, starting client 27/50, id: 60
round 6, starting client 28/50, id: 30
round 6, starting client 29/50, id: 61
round 6, starting client 30/50, id: 77
round 6, starting client 31/50, id: 97
round 6, starting client 32/50, id: 12
round 6, starting client 33/50, id: 86
round 6, starting client 34/50, id: 25
round 6, starting client 35/50, id: 99
round 6, starting client 36/50, id: 3
round 6, starting client 37/50, id: 5
round 6, starting client 38/50, id: 72
round 6, starting client 39/50, id: 90
round 6, starting client 40/50, id: 35
round 6, starting client 41/50, id: 20
round 6, starting client 42/50, id: 13
round 6, starting client 43/50, id: 42
round 6, starting client 44/50, id: 58
round 6, starting client 45/50, id: 94
round 6, starting client 46/50, id: 73
round 6, starting client 47/50, id: 4
round 6, starting client 48/50, id: 85
round 6, starting client 49/50, id: 44
round 6, starting client 50/50, id: 11
round 6, validation acc: 0.9703
starting round 7
clients: [39 57 4 85 71 11 37 36 10 68 19 53 12 58 0 64 74 97 63 21 2 61 50
75

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18 42 76 82 52 65 92 77 43 22 41 81 9 60 6 91 20 28 72 94 93 51 55 66
95 24]

round 7, starting client 1/50, id: 39
round 7, starting client 2/50, id: 57
round 7, starting client 3/50, id: 4
round 7, starting client 4/50, id: 85
round 7, starting client 5/50, id: 71
round 7, starting client 6/50, id: 11
round 7, starting client 7/50, id: 37
round 7, starting client 8/50, id: 36
round 7, starting client 9/50, id: 10
round 7, starting client 10/50, id: 68
round 7, starting client 11/50, id: 19
round 7, starting client 12/50, id: 53
round 7, starting client 13/50, id: 12
round 7, starting client 14/50, id: 58
round 7, starting client 15/50, id: 0
round 7, starting client 16/50, id: 64
round 7, starting client 17/50, id: 74
round 7, starting client 18/50, id: 97
round 7, starting client 19/50, id: 63
round 7, starting client 20/50, id: 21
round 7, starting client 21/50, id: 2
round 7, starting client 22/50, id: 61
round 7, starting client 23/50, id: 50
round 7, starting client 24/50, id: 75
round 7, starting client 25/50, id: 18
round 7, starting client 26/50, id: 42
round 7, starting client 27/50, id: 76
round 7, starting client 28/50, id: 82
round 7, starting client 29/50, id: 52
round 7, starting client 30/50, id: 65
round 7, starting client 31/50, id: 92
round 7, starting client 32/50, id: 77
round 7, starting client 33/50, id: 43
round 7, starting client 34/50, id: 22
round 7, starting client 35/50, id: 41
round 7, starting client 36/50, id: 81
round 7, starting client 37/50, id: 9
round 7, starting client 38/50, id: 60
round 7, starting client 39/50, id: 6
round 7, starting client 40/50, id: 91
round 7, starting client 41/50, id: 20
round 7, starting client 42/50, id: 28
round 7, starting client 43/50, id: 72
round 7, starting client 44/50, id: 94
round 7, starting client 45/50, id: 93
round 7, starting client 46/50, id: 51

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round 7, starting client 47/50, id: 55
round 7, starting client 48/50, id: 66
round 7, starting client 49/50, id: 95
round 7, starting client 50/50, id: 24
round 7, validation acc: 0.9728
starting round 8
clients:  [74 55 52 62 70 45 99  2 26 77 68 17 90 50 96 24 18 60 35 49 23 12 37
16
 11 30 43 27 73 75 41  5 21 80 48 57 13 36 54 40 83 38  4 47 46 67 63 76
84 10]
round 8, starting client 1/50, id: 74
round 8, starting client 2/50, id: 55
round 8, starting client 3/50, id: 52
round 8, starting client 4/50, id: 62
round 8, starting client 5/50, id: 70
round 8, starting client 6/50, id: 45
round 8, starting client 7/50, id: 99
round 8, starting client 8/50, id: 2
round 8, starting client 9/50, id: 26
round 8, starting client 10/50, id: 77
round 8, starting client 11/50, id: 68
round 8, starting client 12/50, id: 17
round 8, starting client 13/50, id: 90
round 8, starting client 14/50, id: 50
round 8, starting client 15/50, id: 96
round 8, starting client 16/50, id: 24
round 8, starting client 17/50, id: 18
round 8, starting client 18/50, id: 60
round 8, starting client 19/50, id: 35
round 8, starting client 20/50, id: 49
round 8, starting client 21/50, id: 23
round 8, starting client 22/50, id: 12
round 8, starting client 23/50, id: 37
round 8, starting client 24/50, id: 16
round 8, starting client 25/50, id: 11
round 8, starting client 26/50, id: 30
round 8, starting client 27/50, id: 43
round 8, starting client 28/50, id: 27
round 8, starting client 29/50, id: 73
round 8, starting client 30/50, id: 75
round 8, starting client 31/50, id: 41
round 8, starting client 32/50, id: 5
round 8, starting client 33/50, id: 21
round 8, starting client 34/50, id: 80
round 8, starting client 35/50, id: 48
round 8, starting client 36/50, id: 57
round 8, starting client 37/50, id: 13
round 8, starting client 38/50, id: 36

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round 8, starting client 39/50, id: 54
round 8, starting client 40/50, id: 40
round 8, starting client 41/50, id: 83
round 8, starting client 42/50, id: 38
round 8, starting client 43/50, id: 4
round 8, starting client 44/50, id: 47
round 8, starting client 45/50, id: 46
round 8, starting client 46/50, id: 67
round 8, starting client 47/50, id: 63
round 8, starting client 48/50, id: 76
round 8, starting client 49/50, id: 84
round 8, starting client 50/50, id: 10
round 8, validation acc: 0.9752
starting round 9
clients: [90 71 25 5 99 79 39 56 30 72 27 36 45 0 37 63 82 74 8 86 13 92 96
61
81 22 64 52 35 85 51 50 80 67 10 59 6 58 29 42 9 15 46 21 98 34 43 44
1 4]
round 9, starting client 1/50, id: 90
round 9, starting client 2/50, id: 71
round 9, starting client 3/50, id: 25
round 9, starting client 4/50, id: 5
round 9, starting client 5/50, id: 99
round 9, starting client 6/50, id: 79
round 9, starting client 7/50, id: 39
round 9, starting client 8/50, id: 56
round 9, starting client 9/50, id: 30
round 9, starting client 10/50, id: 72
round 9, starting client 11/50, id: 27
round 9, starting client 12/50, id: 36
round 9, starting client 13/50, id: 45
round 9, starting client 14/50, id: 0
round 9, starting client 15/50, id: 37
round 9, starting client 16/50, id: 63
round 9, starting client 17/50, id: 82
round 9, starting client 18/50, id: 74
round 9, starting client 19/50, id: 8
round 9, starting client 20/50, id: 86
round 9, starting client 21/50, id: 13
round 9, starting client 22/50, id: 92
round 9, starting client 23/50, id: 96
round 9, starting client 24/50, id: 61
round 9, starting client 25/50, id: 81
round 9, starting client 26/50, id: 22
round 9, starting client 27/50, id: 64
round 9, starting client 28/50, id: 52
round 9, starting client 29/50, id: 35
round 9, starting client 30/50, id: 85

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round 9, starting client 31/50, id: 51
round 9, starting client 32/50, id: 50
round 9, starting client 33/50, id: 80
round 9, starting client 34/50, id: 67
round 9, starting client 35/50, id: 10
round 9, starting client 36/50, id: 59
round 9, starting client 37/50, id: 6
round 9, starting client 38/50, id: 58
round 9, starting client 39/50, id: 29
round 9, starting client 40/50, id: 42
round 9, starting client 41/50, id: 9
round 9, starting client 42/50, id: 15
round 9, starting client 43/50, id: 46
round 9, starting client 44/50, id: 21
round 9, starting client 45/50, id: 98
round 9, starting client 46/50, id: 34
round 9, starting client 47/50, id: 43
round 9, starting client 48/50, id: 44
round 9, starting client 49/50, id: 1
round 9, starting client 50/50, id: 4
round 9, validation acc: 0.9764
starting round 10
clients: [24 25 95 59 48 52 94 16 67 18 56 41 10 53 22 47 87 83 79 80 23 84 4
32
88 98 26 40 92 51 5 90 44 15 49 19 76 63 73 7 3 64 54 72 27 70 13 66
38 21]
round 10, starting client 1/50, id: 24
round 10, starting client 2/50, id: 25
round 10, starting client 3/50, id: 95
round 10, starting client 4/50, id: 59
round 10, starting client 5/50, id: 48
round 10, starting client 6/50, id: 52
round 10, starting client 7/50, id: 94
round 10, starting client 8/50, id: 16
round 10, starting client 9/50, id: 67
round 10, starting client 10/50, id: 18
round 10, starting client 11/50, id: 56
round 10, starting client 12/50, id: 41
round 10, starting client 13/50, id: 10
round 10, starting client 14/50, id: 53
round 10, starting client 15/50, id: 22
round 10, starting client 16/50, id: 47
round 10, starting client 17/50, id: 87
round 10, starting client 18/50, id: 83
round 10, starting client 19/50, id: 79
round 10, starting client 20/50, id: 80
round 10, starting client 21/50, id: 23
round 10, starting client 22/50, id: 84

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round 10, starting client 23/50, id: 4
round 10, starting client 24/50, id: 32
round 10, starting client 25/50, id: 88
round 10, starting client 26/50, id: 98
round 10, starting client 27/50, id: 26
round 10, starting client 28/50, id: 40
round 10, starting client 29/50, id: 92
round 10, starting client 30/50, id: 51
round 10, starting client 31/50, id: 5
round 10, starting client 32/50, id: 90
round 10, starting client 33/50, id: 44
round 10, starting client 34/50, id: 15
round 10, starting client 35/50, id: 49
round 10, starting client 36/50, id: 19
round 10, starting client 37/50, id: 76
round 10, starting client 38/50, id: 63
round 10, starting client 39/50, id: 73
round 10, starting client 40/50, id: 7
round 10, starting client 41/50, id: 3
round 10, starting client 42/50, id: 64
round 10, starting client 43/50, id: 54
round 10, starting client 44/50, id: 72
round 10, starting client 45/50, id: 27
round 10, starting client 46/50, id: 70
round 10, starting client 47/50, id: 13
round 10, starting client 48/50, id: 66
round 10, starting client 49/50, id: 38
round 10, starting client 50/50, id: 21
round 10, validation acc: 0.9764
starting round 11
clients: [91 86 25 44 21 78 99 32 54 73 39 71 52 88 9 84 30 85 46 31 36 67 93
14
94 47 59 97 28 48 81 79 70 27 92 64 22 10 38 90 16 83 18 65 69 8 77 80
61 68]
round 11, starting client 1/50, id: 91
round 11, starting client 2/50, id: 86
round 11, starting client 3/50, id: 25
round 11, starting client 4/50, id: 44
round 11, starting client 5/50, id: 21
round 11, starting client 6/50, id: 78
round 11, starting client 7/50, id: 99
round 11, starting client 8/50, id: 32
round 11, starting client 9/50, id: 54
round 11, starting client 10/50, id: 73
round 11, starting client 11/50, id: 39
round 11, starting client 12/50, id: 71
round 11, starting client 13/50, id: 52
round 11, starting client 14/50, id: 88

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round 11, starting client 15/50, id: 9
round 11, starting client 16/50, id: 84
round 11, starting client 17/50, id: 30
round 11, starting client 18/50, id: 85
round 11, starting client 19/50, id: 46
round 11, starting client 20/50, id: 31
round 11, starting client 21/50, id: 36
round 11, starting client 22/50, id: 67
round 11, starting client 23/50, id: 93
round 11, starting client 24/50, id: 14
round 11, starting client 25/50, id: 94
round 11, starting client 26/50, id: 47
round 11, starting client 27/50, id: 59
round 11, starting client 28/50, id: 97
round 11, starting client 29/50, id: 28
round 11, starting client 30/50, id: 48
round 11, starting client 31/50, id: 81
round 11, starting client 32/50, id: 79
round 11, starting client 33/50, id: 70
round 11, starting client 34/50, id: 27
round 11, starting client 35/50, id: 92
round 11, starting client 36/50, id: 64
round 11, starting client 37/50, id: 22
round 11, starting client 38/50, id: 10
round 11, starting client 39/50, id: 38
round 11, starting client 40/50, id: 90
round 11, starting client 41/50, id: 16
round 11, starting client 42/50, id: 83
round 11, starting client 43/50, id: 18
round 11, starting client 44/50, id: 65
round 11, starting client 45/50, id: 69
round 11, starting client 46/50, id: 8
round 11, starting client 47/50, id: 77
round 11, starting client 48/50, id: 80
round 11, starting client 49/50, id: 61
round 11, starting client 50/50, id: 68
round 11, validation acc: 0.9781
starting round 12
clients: [30 77 68 75 50 52 7 86 57 5 64 51 96 55 37 70 83 6 13 27 20 41 97
16
10 79 94 42 63 87 65 11 9 2 8 92 40 43 67 85 29 14 84 28 35 26 91 1
38 98]
round 12, starting client 1/50, id: 30
round 12, starting client 2/50, id: 77
round 12, starting client 3/50, id: 68
round 12, starting client 4/50, id: 75
round 12, starting client 5/50, id: 50
round 12, starting client 6/50, id: 52

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round 12, starting client 7/50, id: 7
round 12, starting client 8/50, id: 86
round 12, starting client 9/50, id: 57
round 12, starting client 10/50, id: 5
round 12, starting client 11/50, id: 64
round 12, starting client 12/50, id: 51
round 12, starting client 13/50, id: 96
round 12, starting client 14/50, id: 55
round 12, starting client 15/50, id: 37
round 12, starting client 16/50, id: 70
round 12, starting client 17/50, id: 83
round 12, starting client 18/50, id: 6
round 12, starting client 19/50, id: 13
round 12, starting client 20/50, id: 27
round 12, starting client 21/50, id: 20
round 12, starting client 22/50, id: 41
round 12, starting client 23/50, id: 97
round 12, starting client 24/50, id: 16
round 12, starting client 25/50, id: 10
round 12, starting client 26/50, id: 79
round 12, starting client 27/50, id: 94
round 12, starting client 28/50, id: 42
round 12, starting client 29/50, id: 63
round 12, starting client 30/50, id: 87
round 12, starting client 31/50, id: 65
round 12, starting client 32/50, id: 11
round 12, starting client 33/50, id: 9
round 12, starting client 34/50, id: 2
round 12, starting client 35/50, id: 8
round 12, starting client 36/50, id: 92
round 12, starting client 37/50, id: 40
round 12, starting client 38/50, id: 43
round 12, starting client 39/50, id: 67
round 12, starting client 40/50, id: 85
round 12, starting client 41/50, id: 29
round 12, starting client 42/50, id: 14
round 12, starting client 43/50, id: 84
round 12, starting client 44/50, id: 28
round 12, starting client 45/50, id: 35
round 12, starting client 46/50, id: 26
round 12, starting client 47/50, id: 91
round 12, starting client 48/50, id: 1
round 12, starting client 49/50, id: 38
round 12, starting client 50/50, id: 98
round 12, validation acc: 0.9791
starting round 13
clients: [ 6 91 36 79 54 63 1 96 46 25 47 74 71 24 57 49 17 66 22 78 87 85 92
20

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4 44 55 40 69 39 34 26 14 21 41 90 9 48 31 82 88 94 15 35 0 10 28 73
 80 60]
 round 13, starting client 1/50, id: 6
 round 13, starting client 2/50, id: 91
 round 13, starting client 3/50, id: 36
 round 13, starting client 4/50, id: 79
 round 13, starting client 5/50, id: 54
 round 13, starting client 6/50, id: 63
 round 13, starting client 7/50, id: 1
 round 13, starting client 8/50, id: 96
 round 13, starting client 9/50, id: 46
 round 13, starting client 10/50, id: 25
 round 13, starting client 11/50, id: 47
 round 13, starting client 12/50, id: 74
 round 13, starting client 13/50, id: 71
 round 13, starting client 14/50, id: 24
 round 13, starting client 15/50, id: 57
 round 13, starting client 16/50, id: 49
 round 13, starting client 17/50, id: 17
 round 13, starting client 18/50, id: 66
 round 13, starting client 19/50, id: 22
 round 13, starting client 20/50, id: 78
 round 13, starting client 21/50, id: 87
 round 13, starting client 22/50, id: 85
 round 13, starting client 23/50, id: 92
 round 13, starting client 24/50, id: 20
 round 13, starting client 25/50, id: 4
 round 13, starting client 26/50, id: 44
 round 13, starting client 27/50, id: 55
 round 13, starting client 28/50, id: 40
 round 13, starting client 29/50, id: 69
 round 13, starting client 30/50, id: 39
 round 13, starting client 31/50, id: 34
 round 13, starting client 32/50, id: 26
 round 13, starting client 33/50, id: 14
 round 13, starting client 34/50, id: 21
 round 13, starting client 35/50, id: 41
 round 13, starting client 36/50, id: 90
 round 13, starting client 37/50, id: 9
 round 13, starting client 38/50, id: 48
 round 13, starting client 39/50, id: 31
 round 13, starting client 40/50, id: 82
 round 13, starting client 41/50, id: 88
 round 13, starting client 42/50, id: 94
 round 13, starting client 43/50, id: 15
 round 13, starting client 44/50, id: 35
 round 13, starting client 45/50, id: 0
 round 13, starting client 46/50, id: 10

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round 13, starting client 47/50, id: 28
round 13, starting client 48/50, id: 73
round 13, starting client 49/50, id: 80
round 13, starting client 50/50, id: 60
round 13, validation acc: 0.9794
starting round 14
clients: [53  2 15  8 46 30  5  0 64 56 57 51 87 25 12 61 62 81  3 37 35 29 85
18
38 92 82 72 97 60 77 16 79 49 20 54 17 10 69 75 89 67 24 13 50 74 21 40
48 33]
round 14, starting client 1/50, id: 53
round 14, starting client 2/50, id: 2
round 14, starting client 3/50, id: 15
round 14, starting client 4/50, id: 8
round 14, starting client 5/50, id: 46
round 14, starting client 6/50, id: 30
round 14, starting client 7/50, id: 5
round 14, starting client 8/50, id: 0
round 14, starting client 9/50, id: 64
round 14, starting client 10/50, id: 56
round 14, starting client 11/50, id: 57
round 14, starting client 12/50, id: 51
round 14, starting client 13/50, id: 87
round 14, starting client 14/50, id: 25
round 14, starting client 15/50, id: 12
round 14, starting client 16/50, id: 61
round 14, starting client 17/50, id: 62
round 14, starting client 18/50, id: 81
round 14, starting client 19/50, id: 3
round 14, starting client 20/50, id: 37
round 14, starting client 21/50, id: 35
round 14, starting client 22/50, id: 29
round 14, starting client 23/50, id: 85
round 14, starting client 24/50, id: 18
round 14, starting client 25/50, id: 38
round 14, starting client 26/50, id: 92
round 14, starting client 27/50, id: 82
round 14, starting client 28/50, id: 72
round 14, starting client 29/50, id: 97
round 14, starting client 30/50, id: 60
round 14, starting client 31/50, id: 77
round 14, starting client 32/50, id: 16
round 14, starting client 33/50, id: 79
round 14, starting client 34/50, id: 49
round 14, starting client 35/50, id: 20
round 14, starting client 36/50, id: 54
round 14, starting client 37/50, id: 17
round 14, starting client 38/50, id: 10

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round 14, starting client 39/50, id: 69
round 14, starting client 40/50, id: 75
round 14, starting client 41/50, id: 89
round 14, starting client 42/50, id: 67
round 14, starting client 43/50, id: 24
round 14, starting client 44/50, id: 13
round 14, starting client 45/50, id: 50
round 14, starting client 46/50, id: 74
round 14, starting client 47/50, id: 21
round 14, starting client 48/50, id: 40
round 14, starting client 49/50, id: 48
round 14, starting client 50/50, id: 33
round 14, validation acc: 0.9805
starting round 15
clients: [22 68 8 48 4 75 95 83 54 47 7 91 49 63 85 30 67 59 56 40 32 41 74
73
71 98 90 17 62 94 18 33 88 28 82 42 44 36 87 81 72 66 65 78 34 52 27 55
15 10]
round 15, starting client 1/50, id: 22
round 15, starting client 2/50, id: 68
round 15, starting client 3/50, id: 8
round 15, starting client 4/50, id: 48
round 15, starting client 5/50, id: 4
round 15, starting client 6/50, id: 75
round 15, starting client 7/50, id: 95
round 15, starting client 8/50, id: 83
round 15, starting client 9/50, id: 54
round 15, starting client 10/50, id: 47
round 15, starting client 11/50, id: 7
round 15, starting client 12/50, id: 91
round 15, starting client 13/50, id: 49
round 15, starting client 14/50, id: 63
round 15, starting client 15/50, id: 85
round 15, starting client 16/50, id: 30
round 15, starting client 17/50, id: 67
round 15, starting client 18/50, id: 59
round 15, starting client 19/50, id: 56
round 15, starting client 20/50, id: 40
round 15, starting client 21/50, id: 32
round 15, starting client 22/50, id: 41
round 15, starting client 23/50, id: 74
round 15, starting client 24/50, id: 73
round 15, starting client 25/50, id: 71
round 15, starting client 26/50, id: 98
round 15, starting client 27/50, id: 90
round 15, starting client 28/50, id: 17
round 15, starting client 29/50, id: 62
round 15, starting client 30/50, id: 94

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round 15, starting client 31/50, id: 18
round 15, starting client 32/50, id: 33
round 15, starting client 33/50, id: 88
round 15, starting client 34/50, id: 28
round 15, starting client 35/50, id: 82
round 15, starting client 36/50, id: 42
round 15, starting client 37/50, id: 44
round 15, starting client 38/50, id: 36
round 15, starting client 39/50, id: 87
round 15, starting client 40/50, id: 81
round 15, starting client 41/50, id: 72
round 15, starting client 42/50, id: 66
round 15, starting client 43/50, id: 65
round 15, starting client 44/50, id: 78
round 15, starting client 45/50, id: 34
round 15, starting client 46/50, id: 52
round 15, starting client 47/50, id: 27
round 15, starting client 48/50, id: 55
round 15, starting client 49/50, id: 15
round 15, starting client 50/50, id: 10
round 15, validation acc: 0.9813
starting round 16
clients: [36 95 52 68 30 48 78 75 8 6 93 20 94 76 99 89 21 80 9 51 2 29 25
19
33 22 84 87 13 31 50 55 42 59 3 64 14 57 66 44 1 24 35 18 53 0 41 15
63 83]
round 16, starting client 1/50, id: 36
round 16, starting client 2/50, id: 95
round 16, starting client 3/50, id: 52
round 16, starting client 4/50, id: 68
round 16, starting client 5/50, id: 30
round 16, starting client 6/50, id: 48
round 16, starting client 7/50, id: 78
round 16, starting client 8/50, id: 75
round 16, starting client 9/50, id: 8
round 16, starting client 10/50, id: 6
round 16, starting client 11/50, id: 93
round 16, starting client 12/50, id: 20
round 16, starting client 13/50, id: 94
round 16, starting client 14/50, id: 76
round 16, starting client 15/50, id: 99
round 16, starting client 16/50, id: 89
round 16, starting client 17/50, id: 21
round 16, starting client 18/50, id: 80
round 16, starting client 19/50, id: 9
round 16, starting client 20/50, id: 51
round 16, starting client 21/50, id: 2
round 16, starting client 22/50, id: 29

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round 16, starting client 23/50, id: 25
round 16, starting client 24/50, id: 19
round 16, starting client 25/50, id: 33
round 16, starting client 26/50, id: 22
round 16, starting client 27/50, id: 84
round 16, starting client 28/50, id: 87
round 16, starting client 29/50, id: 13
round 16, starting client 30/50, id: 31
round 16, starting client 31/50, id: 50
round 16, starting client 32/50, id: 55
round 16, starting client 33/50, id: 42
round 16, starting client 34/50, id: 59
round 16, starting client 35/50, id: 3
round 16, starting client 36/50, id: 64
round 16, starting client 37/50, id: 14
round 16, starting client 38/50, id: 57
round 16, starting client 39/50, id: 66
round 16, starting client 40/50, id: 44
round 16, starting client 41/50, id: 1
round 16, starting client 42/50, id: 24
round 16, starting client 43/50, id: 35
round 16, starting client 44/50, id: 18
round 16, starting client 45/50, id: 53
round 16, starting client 46/50, id: 0
round 16, starting client 47/50, id: 41
round 16, starting client 48/50, id: 15
round 16, starting client 49/50, id: 63
round 16, starting client 50/50, id: 83
round 16, validation acc: 0.9822
starting round 17
clients: [15 89 68 60 39 16 88 73 90 72 20 4 23 52 38 6 64 70 25 26 24 1 40
96
28 53 51 93 29 30 49 19 45 81 56 61 57 59 99 79 2 43 9 86 98 80 74 77
36 17]
round 17, starting client 1/50, id: 15
round 17, starting client 2/50, id: 89
round 17, starting client 3/50, id: 68
round 17, starting client 4/50, id: 60
round 17, starting client 5/50, id: 39
round 17, starting client 6/50, id: 16
round 17, starting client 7/50, id: 88
round 17, starting client 8/50, id: 73
round 17, starting client 9/50, id: 90
round 17, starting client 10/50, id: 72
round 17, starting client 11/50, id: 20
round 17, starting client 12/50, id: 4
round 17, starting client 13/50, id: 23
round 17, starting client 14/50, id: 52

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round 17, starting client 15/50, id: 38
round 17, starting client 16/50, id: 6
round 17, starting client 17/50, id: 64
round 17, starting client 18/50, id: 70
round 17, starting client 19/50, id: 25
round 17, starting client 20/50, id: 26
round 17, starting client 21/50, id: 24
round 17, starting client 22/50, id: 1
round 17, starting client 23/50, id: 40
round 17, starting client 24/50, id: 96
round 17, starting client 25/50, id: 28
round 17, starting client 26/50, id: 53
round 17, starting client 27/50, id: 51
round 17, starting client 28/50, id: 93
round 17, starting client 29/50, id: 29
round 17, starting client 30/50, id: 30
round 17, starting client 31/50, id: 49
round 17, starting client 32/50, id: 19
round 17, starting client 33/50, id: 45
round 17, starting client 34/50, id: 81
round 17, starting client 35/50, id: 56
round 17, starting client 36/50, id: 61
round 17, starting client 37/50, id: 57
round 17, starting client 38/50, id: 59
round 17, starting client 39/50, id: 99
round 17, starting client 40/50, id: 79
round 17, starting client 41/50, id: 2
round 17, starting client 42/50, id: 43
round 17, starting client 43/50, id: 9
round 17, starting client 44/50, id: 86
round 17, starting client 45/50, id: 98
round 17, starting client 46/50, id: 80
round 17, starting client 47/50, id: 74
round 17, starting client 48/50, id: 77
round 17, starting client 49/50, id: 36
round 17, starting client 50/50, id: 17
round 17, validation acc: 0.9818
starting round 18
clients: [54 44 51 96 8 57 53 90 61 31 35 85 18 11 98 20 34 59 6 40 77 89 23
24
69 99 42 4 93 38 91 86 7 82 1 12 14 73 45 71 32 92 49 63 67 78 15 27
5 70]
round 18, starting client 1/50, id: 54
round 18, starting client 2/50, id: 44
round 18, starting client 3/50, id: 51
round 18, starting client 4/50, id: 96
round 18, starting client 5/50, id: 8
round 18, starting client 6/50, id: 57

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round 18, starting client 7/50, id: 53
round 18, starting client 8/50, id: 90
round 18, starting client 9/50, id: 61
round 18, starting client 10/50, id: 31
round 18, starting client 11/50, id: 35
round 18, starting client 12/50, id: 85
round 18, starting client 13/50, id: 18
round 18, starting client 14/50, id: 11
round 18, starting client 15/50, id: 98
round 18, starting client 16/50, id: 20
round 18, starting client 17/50, id: 34
round 18, starting client 18/50, id: 59
round 18, starting client 19/50, id: 6
round 18, starting client 20/50, id: 40
round 18, starting client 21/50, id: 77
round 18, starting client 22/50, id: 89
round 18, starting client 23/50, id: 23
round 18, starting client 24/50, id: 24
round 18, starting client 25/50, id: 69
round 18, starting client 26/50, id: 99
round 18, starting client 27/50, id: 42
round 18, starting client 28/50, id: 4
round 18, starting client 29/50, id: 93
round 18, starting client 30/50, id: 38
round 18, starting client 31/50, id: 91
round 18, starting client 32/50, id: 86
round 18, starting client 33/50, id: 7
round 18, starting client 34/50, id: 82
round 18, starting client 35/50, id: 1
round 18, starting client 36/50, id: 12
round 18, starting client 37/50, id: 14
round 18, starting client 38/50, id: 73
round 18, starting client 39/50, id: 45
round 18, starting client 40/50, id: 71
round 18, starting client 41/50, id: 32
round 18, starting client 42/50, id: 92
round 18, starting client 43/50, id: 49
round 18, starting client 44/50, id: 63
round 18, starting client 45/50, id: 67
round 18, starting client 46/50, id: 78
round 18, starting client 47/50, id: 15
round 18, starting client 48/50, id: 27
round 18, starting client 49/50, id: 5
round 18, starting client 50/50, id: 70
round 18, validation acc: 0.9825
starting round 19
clients: [39 51 62 30 47 20 76 61 29 25 68 11 1 81 42 95 78 33 60 19 24 97 22
54

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87 40 98 7 18 21 96 9 23 53 88 17 37 8 79 72 63 75 50 70 38 28 43 3
83 5]

round 19, starting client 1/50, id: 39
round 19, starting client 2/50, id: 51
round 19, starting client 3/50, id: 62
round 19, starting client 4/50, id: 30
round 19, starting client 5/50, id: 47
round 19, starting client 6/50, id: 20
round 19, starting client 7/50, id: 76
round 19, starting client 8/50, id: 61
round 19, starting client 9/50, id: 29
round 19, starting client 10/50, id: 25
round 19, starting client 11/50, id: 68
round 19, starting client 12/50, id: 11
round 19, starting client 13/50, id: 1
round 19, starting client 14/50, id: 81
round 19, starting client 15/50, id: 42
round 19, starting client 16/50, id: 95
round 19, starting client 17/50, id: 78
round 19, starting client 18/50, id: 33
round 19, starting client 19/50, id: 60
round 19, starting client 20/50, id: 19
round 19, starting client 21/50, id: 24
round 19, starting client 22/50, id: 97
round 19, starting client 23/50, id: 22
round 19, starting client 24/50, id: 54
round 19, starting client 25/50, id: 87
round 19, starting client 26/50, id: 40
round 19, starting client 27/50, id: 98
round 19, starting client 28/50, id: 7
round 19, starting client 29/50, id: 18
round 19, starting client 30/50, id: 21
round 19, starting client 31/50, id: 96
round 19, starting client 32/50, id: 9
round 19, starting client 33/50, id: 23
round 19, starting client 34/50, id: 53
round 19, starting client 35/50, id: 88
round 19, starting client 36/50, id: 17
round 19, starting client 37/50, id: 37
round 19, starting client 38/50, id: 8
round 19, starting client 39/50, id: 79
round 19, starting client 40/50, id: 72
round 19, starting client 41/50, id: 63
round 19, starting client 42/50, id: 75
round 19, starting client 43/50, id: 50
round 19, starting client 44/50, id: 70
round 19, starting client 45/50, id: 38
round 19, starting client 46/50, id: 28

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round 19, starting client 47/50, id: 43
round 19, starting client 48/50, id: 3
round 19, starting client 49/50, id: 83
round 19, starting client 50/50, id: 5
round 19, validation acc: 0.9829
starting round 20
clients: [18 77 73 42 56 64 9 23 39 26 63 2 69 3 62 33 96 14 49 12 54 91 86
51
8 59 47 34 80 22 43 29 31 11 4 45 60 38 89 32 98 87 7 82 99 55 40 35
37 17]
round 20, starting client 1/50, id: 18
round 20, starting client 2/50, id: 77
round 20, starting client 3/50, id: 73
round 20, starting client 4/50, id: 42
round 20, starting client 5/50, id: 56
round 20, starting client 6/50, id: 64
round 20, starting client 7/50, id: 9
round 20, starting client 8/50, id: 23
round 20, starting client 9/50, id: 39
round 20, starting client 10/50, id: 26
round 20, starting client 11/50, id: 63
round 20, starting client 12/50, id: 2
round 20, starting client 13/50, id: 69
round 20, starting client 14/50, id: 3
round 20, starting client 15/50, id: 62
round 20, starting client 16/50, id: 33
round 20, starting client 17/50, id: 96
round 20, starting client 18/50, id: 14
round 20, starting client 19/50, id: 49
round 20, starting client 20/50, id: 12
round 20, starting client 21/50, id: 54
round 20, starting client 22/50, id: 91
round 20, starting client 23/50, id: 86
round 20, starting client 24/50, id: 51
round 20, starting client 25/50, id: 8
round 20, starting client 26/50, id: 59
round 20, starting client 27/50, id: 47
round 20, starting client 28/50, id: 34
round 20, starting client 29/50, id: 80
round 20, starting client 30/50, id: 22
round 20, starting client 31/50, id: 43
round 20, starting client 32/50, id: 29
round 20, starting client 33/50, id: 31
round 20, starting client 34/50, id: 11
round 20, starting client 35/50, id: 4
round 20, starting client 36/50, id: 45
round 20, starting client 37/50, id: 60
round 20, starting client 38/50, id: 38

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round 20, starting client 39/50, id: 89
round 20, starting client 40/50, id: 32
round 20, starting client 41/50, id: 98
round 20, starting client 42/50, id: 87
round 20, starting client 43/50, id: 7
round 20, starting client 44/50, id: 82
round 20, starting client 45/50, id: 99
round 20, starting client 46/50, id: 55
round 20, starting client 47/50, id: 40
round 20, starting client 48/50, id: 35
round 20, starting client 49/50, id: 37
round 20, starting client 50/50, id: 17
round 20, validation acc: 0.9828
starting round 21
clients: [45 61 29 66 98  3 80 33 16  8 48 25 36  0  6 62 42 27 57 46 19 96 73
12
 55 28 53 39 93 95 43 78 88 49 81 11 65 40 23 50 68 91 18 41 97 14 75 34
37 1]
round 21, starting client 1/50, id: 45
round 21, starting client 2/50, id: 61
round 21, starting client 3/50, id: 29
round 21, starting client 4/50, id: 66
round 21, starting client 5/50, id: 98
round 21, starting client 6/50, id: 3
round 21, starting client 7/50, id: 80
round 21, starting client 8/50, id: 33
round 21, starting client 9/50, id: 16
round 21, starting client 10/50, id: 8
round 21, starting client 11/50, id: 48
round 21, starting client 12/50, id: 25
round 21, starting client 13/50, id: 36
round 21, starting client 14/50, id: 0
round 21, starting client 15/50, id: 6
round 21, starting client 16/50, id: 62
round 21, starting client 17/50, id: 42
round 21, starting client 18/50, id: 27
round 21, starting client 19/50, id: 57
round 21, starting client 20/50, id: 46
round 21, starting client 21/50, id: 19
round 21, starting client 22/50, id: 96
round 21, starting client 23/50, id: 73
round 21, starting client 24/50, id: 12
round 21, starting client 25/50, id: 55
round 21, starting client 26/50, id: 28
round 21, starting client 27/50, id: 53
round 21, starting client 28/50, id: 39
round 21, starting client 29/50, id: 93
round 21, starting client 30/50, id: 95

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round 21, starting client 31/50, id: 43
round 21, starting client 32/50, id: 78
round 21, starting client 33/50, id: 88
round 21, starting client 34/50, id: 49
round 21, starting client 35/50, id: 81
round 21, starting client 36/50, id: 11
round 21, starting client 37/50, id: 65
round 21, starting client 38/50, id: 40
round 21, starting client 39/50, id: 23
round 21, starting client 40/50, id: 50
round 21, starting client 41/50, id: 68
round 21, starting client 42/50, id: 91
round 21, starting client 43/50, id: 18
round 21, starting client 44/50, id: 41
round 21, starting client 45/50, id: 97
round 21, starting client 46/50, id: 14
round 21, starting client 47/50, id: 75
round 21, starting client 48/50, id: 34
round 21, starting client 49/50, id: 37
round 21, starting client 50/50, id: 1
round 21, validation acc: 0.9834
starting round 22
clients: [85 73 54 63 40 11 35 8 75 37 18 27 60 21 57 67 29 70 3 99 53 1 2
87
61 56 6 36 17 32 58 9 84 19 20 47 48 89 22 92 77 26 91 45 24 81 76 43
80 30]
round 22, starting client 1/50, id: 85
round 22, starting client 2/50, id: 73
round 22, starting client 3/50, id: 54
round 22, starting client 4/50, id: 63
round 22, starting client 5/50, id: 40
round 22, starting client 6/50, id: 11
round 22, starting client 7/50, id: 35
round 22, starting client 8/50, id: 8
round 22, starting client 9/50, id: 75
round 22, starting client 10/50, id: 37
round 22, starting client 11/50, id: 18
round 22, starting client 12/50, id: 27
round 22, starting client 13/50, id: 60
round 22, starting client 14/50, id: 21
round 22, starting client 15/50, id: 57
round 22, starting client 16/50, id: 67
round 22, starting client 17/50, id: 29
round 22, starting client 18/50, id: 70
round 22, starting client 19/50, id: 3
round 22, starting client 20/50, id: 99
round 22, starting client 21/50, id: 53
round 22, starting client 22/50, id: 1

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round 22, starting client 23/50, id: 2
round 22, starting client 24/50, id: 87
round 22, starting client 25/50, id: 61
round 22, starting client 26/50, id: 56
round 22, starting client 27/50, id: 6
round 22, starting client 28/50, id: 36
round 22, starting client 29/50, id: 17
round 22, starting client 30/50, id: 32
round 22, starting client 31/50, id: 58
round 22, starting client 32/50, id: 9
round 22, starting client 33/50, id: 84
round 22, starting client 34/50, id: 19
round 22, starting client 35/50, id: 20
round 22, starting client 36/50, id: 47
round 22, starting client 37/50, id: 48
round 22, starting client 38/50, id: 89
round 22, starting client 39/50, id: 22
round 22, starting client 40/50, id: 92
round 22, starting client 41/50, id: 77
round 22, starting client 42/50, id: 26
round 22, starting client 43/50, id: 91
round 22, starting client 44/50, id: 45
round 22, starting client 45/50, id: 24
round 22, starting client 46/50, id: 81
round 22, starting client 47/50, id: 76
round 22, starting client 48/50, id: 43
round 22, starting client 49/50, id: 80
round 22, starting client 50/50, id: 30
round 22, validation acc: 0.9837
starting round 23
clients: [ 4 50 87 10 71 94 30 15 79 60 83 63 81 57 44 11 0 25 72 40 14 97 75
16
82 52 20 80 88 27 76 61 32 24 1 66 9 5 47 46 35 77 67 85 86 31 3 48
21 84]
round 23, starting client 1/50, id: 4
round 23, starting client 2/50, id: 50
round 23, starting client 3/50, id: 87
round 23, starting client 4/50, id: 10
round 23, starting client 5/50, id: 71
round 23, starting client 6/50, id: 94
round 23, starting client 7/50, id: 30
round 23, starting client 8/50, id: 15
round 23, starting client 9/50, id: 79
round 23, starting client 10/50, id: 60
round 23, starting client 11/50, id: 83
round 23, starting client 12/50, id: 63
round 23, starting client 13/50, id: 81
round 23, starting client 14/50, id: 57

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round 23, starting client 15/50, id: 44
round 23, starting client 16/50, id: 11
round 23, starting client 17/50, id: 0
round 23, starting client 18/50, id: 25
round 23, starting client 19/50, id: 72
round 23, starting client 20/50, id: 40
round 23, starting client 21/50, id: 14
round 23, starting client 22/50, id: 97
round 23, starting client 23/50, id: 75
round 23, starting client 24/50, id: 16
round 23, starting client 25/50, id: 82
round 23, starting client 26/50, id: 52
round 23, starting client 27/50, id: 20
round 23, starting client 28/50, id: 80
round 23, starting client 29/50, id: 88
round 23, starting client 30/50, id: 27
round 23, starting client 31/50, id: 76
round 23, starting client 32/50, id: 61
round 23, starting client 33/50, id: 32
round 23, starting client 34/50, id: 24
round 23, starting client 35/50, id: 1
round 23, starting client 36/50, id: 66
round 23, starting client 37/50, id: 9
round 23, starting client 38/50, id: 5
round 23, starting client 39/50, id: 47
round 23, starting client 40/50, id: 46
round 23, starting client 41/50, id: 35
round 23, starting client 42/50, id: 77
round 23, starting client 43/50, id: 67
round 23, starting client 44/50, id: 85
round 23, starting client 45/50, id: 86
round 23, starting client 46/50, id: 31
round 23, starting client 47/50, id: 3
round 23, starting client 48/50, id: 48
round 23, starting client 49/50, id: 21
round 23, starting client 50/50, id: 84
round 23, validation acc: 0.9843
starting round 24
clients: [ 9 48 19 76 5 7 56 72 83 36 22 89 55 38 60 82 84 80 29 0 73 24 74
39
58 57 70 32 4 31 91 11 14 42 50 96 41 53 21 37 99 12 2 35 49 26 18 33
67 68]
round 24, starting client 1/50, id: 9
round 24, starting client 2/50, id: 48
round 24, starting client 3/50, id: 19
round 24, starting client 4/50, id: 76
round 24, starting client 5/50, id: 5
round 24, starting client 6/50, id: 7

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round 24, starting client 7/50, id: 56
round 24, starting client 8/50, id: 72
round 24, starting client 9/50, id: 83
round 24, starting client 10/50, id: 36
round 24, starting client 11/50, id: 22
round 24, starting client 12/50, id: 89
round 24, starting client 13/50, id: 55
round 24, starting client 14/50, id: 38
round 24, starting client 15/50, id: 60
round 24, starting client 16/50, id: 82
round 24, starting client 17/50, id: 84
round 24, starting client 18/50, id: 80
round 24, starting client 19/50, id: 29
round 24, starting client 20/50, id: 0
round 24, starting client 21/50, id: 73
round 24, starting client 22/50, id: 24
round 24, starting client 23/50, id: 74
round 24, starting client 24/50, id: 39
round 24, starting client 25/50, id: 58
round 24, starting client 26/50, id: 57
round 24, starting client 27/50, id: 70
round 24, starting client 28/50, id: 32
round 24, starting client 29/50, id: 4
round 24, starting client 30/50, id: 31
round 24, starting client 31/50, id: 91
round 24, starting client 32/50, id: 11
round 24, starting client 33/50, id: 14
round 24, starting client 34/50, id: 42
round 24, starting client 35/50, id: 50
round 24, starting client 36/50, id: 96
round 24, starting client 37/50, id: 41
round 24, starting client 38/50, id: 53
round 24, starting client 39/50, id: 21
round 24, starting client 40/50, id: 37
round 24, starting client 41/50, id: 99
round 24, starting client 42/50, id: 12
round 24, starting client 43/50, id: 2
round 24, starting client 44/50, id: 35
round 24, starting client 45/50, id: 49
round 24, starting client 46/50, id: 26
round 24, starting client 47/50, id: 18
round 24, starting client 48/50, id: 33
round 24, starting client 49/50, id: 67
round 24, starting client 50/50, id: 68
round 24, validation acc: 0.9843
starting round 25
clients: [50 79 99 1 72 11 85 78 35 52 75 69 95 44 97 63 25 4 7 89 9 77 39
48

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73 94 15 81 55 65 71 84 54 60 62 29 41 47 70 80 10 30 87 26 46 33 58 90
 21 13]

round 25, starting client 1/50, id: 50
 round 25, starting client 2/50, id: 79
 round 25, starting client 3/50, id: 99
 round 25, starting client 4/50, id: 1
 round 25, starting client 5/50, id: 72
 round 25, starting client 6/50, id: 11
 round 25, starting client 7/50, id: 85
 round 25, starting client 8/50, id: 78
 round 25, starting client 9/50, id: 35
 round 25, starting client 10/50, id: 52
 round 25, starting client 11/50, id: 75
 round 25, starting client 12/50, id: 69
 round 25, starting client 13/50, id: 95
 round 25, starting client 14/50, id: 44
 round 25, starting client 15/50, id: 97
 round 25, starting client 16/50, id: 63
 round 25, starting client 17/50, id: 25
 round 25, starting client 18/50, id: 4
 round 25, starting client 19/50, id: 7
 round 25, starting client 20/50, id: 89
 round 25, starting client 21/50, id: 9
 round 25, starting client 22/50, id: 77
 round 25, starting client 23/50, id: 39
 round 25, starting client 24/50, id: 48
 round 25, starting client 25/50, id: 73
 round 25, starting client 26/50, id: 94
 round 25, starting client 27/50, id: 15
 round 25, starting client 28/50, id: 81
 round 25, starting client 29/50, id: 55
 round 25, starting client 30/50, id: 65
 round 25, starting client 31/50, id: 71
 round 25, starting client 32/50, id: 84
 round 25, starting client 33/50, id: 54
 round 25, starting client 34/50, id: 60
 round 25, starting client 35/50, id: 62
 round 25, starting client 36/50, id: 29
 round 25, starting client 37/50, id: 41
 round 25, starting client 38/50, id: 47
 round 25, starting client 39/50, id: 70
 round 25, starting client 40/50, id: 80
 round 25, starting client 41/50, id: 10
 round 25, starting client 42/50, id: 30
 round 25, starting client 43/50, id: 87
 round 25, starting client 44/50, id: 26
 round 25, starting client 45/50, id: 46
 round 25, starting client 46/50, id: 33

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round 25, starting client 47/50, id: 58
round 25, starting client 48/50, id: 90
round 25, starting client 49/50, id: 21
round 25, starting client 50/50, id: 13
round 25, validation acc: 0.9846
starting round 26
clients: [23 87 76 84 39 32 78 25 91 70 29 67 88 97 37 89 15 62 66 11 92 5 10
73
46 80 45 64 57 63 38 3 16 43 31 81 75 24 69 54 0 1 60 93 4 47 71 51
14 9]
round 26, starting client 1/50, id: 23
round 26, starting client 2/50, id: 87
round 26, starting client 3/50, id: 76
round 26, starting client 4/50, id: 84
round 26, starting client 5/50, id: 39
round 26, starting client 6/50, id: 32
round 26, starting client 7/50, id: 78
round 26, starting client 8/50, id: 25
round 26, starting client 9/50, id: 91
round 26, starting client 10/50, id: 70
round 26, starting client 11/50, id: 29
round 26, starting client 12/50, id: 67
round 26, starting client 13/50, id: 88
round 26, starting client 14/50, id: 97
round 26, starting client 15/50, id: 37
round 26, starting client 16/50, id: 89
round 26, starting client 17/50, id: 15
round 26, starting client 18/50, id: 62
round 26, starting client 19/50, id: 66
round 26, starting client 20/50, id: 11
round 26, starting client 21/50, id: 92
round 26, starting client 22/50, id: 5
round 26, starting client 23/50, id: 10
round 26, starting client 24/50, id: 73
round 26, starting client 25/50, id: 46
round 26, starting client 26/50, id: 80
round 26, starting client 27/50, id: 45
round 26, starting client 28/50, id: 64
round 26, starting client 29/50, id: 57
round 26, starting client 30/50, id: 63
round 26, starting client 31/50, id: 38
round 26, starting client 32/50, id: 3
round 26, starting client 33/50, id: 16
round 26, starting client 34/50, id: 43
round 26, starting client 35/50, id: 31
round 26, starting client 36/50, id: 81
round 26, starting client 37/50, id: 75
round 26, starting client 38/50, id: 24

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round 26, starting client 39/50, id: 69
round 26, starting client 40/50, id: 54
round 26, starting client 41/50, id: 0
round 26, starting client 42/50, id: 1
round 26, starting client 43/50, id: 60
round 26, starting client 44/50, id: 93
round 26, starting client 45/50, id: 4
round 26, starting client 46/50, id: 47
round 26, starting client 47/50, id: 71
round 26, starting client 48/50, id: 51
round 26, starting client 49/50, id: 14
round 26, starting client 50/50, id: 9
round 26, validation acc: 0.9845
starting round 27
clients: [52 47 22 15 29 76 7 84 86 46 56 98 13 73 40 12 43 91 85 72 16 64 42
38
30 41 60 68 48 36 81 97 78 20 66 99 9 80 96 19 27 57 28 45 59 70 11 26
61 50]
round 27, starting client 1/50, id: 52
round 27, starting client 2/50, id: 47
round 27, starting client 3/50, id: 22
round 27, starting client 4/50, id: 15
round 27, starting client 5/50, id: 29
round 27, starting client 6/50, id: 76
round 27, starting client 7/50, id: 7
round 27, starting client 8/50, id: 84
round 27, starting client 9/50, id: 86
round 27, starting client 10/50, id: 46
round 27, starting client 11/50, id: 56
round 27, starting client 12/50, id: 98
round 27, starting client 13/50, id: 13
round 27, starting client 14/50, id: 73
round 27, starting client 15/50, id: 40
round 27, starting client 16/50, id: 12
round 27, starting client 17/50, id: 43
round 27, starting client 18/50, id: 91
round 27, starting client 19/50, id: 85
round 27, starting client 20/50, id: 72
round 27, starting client 21/50, id: 16
round 27, starting client 22/50, id: 64
round 27, starting client 23/50, id: 42
round 27, starting client 24/50, id: 38
round 27, starting client 25/50, id: 30
round 27, starting client 26/50, id: 41
round 27, starting client 27/50, id: 60
round 27, starting client 28/50, id: 68
round 27, starting client 29/50, id: 48
round 27, starting client 30/50, id: 36

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round 27, starting client 31/50, id: 81
round 27, starting client 32/50, id: 97
round 27, starting client 33/50, id: 78
round 27, starting client 34/50, id: 20
round 27, starting client 35/50, id: 66
round 27, starting client 36/50, id: 99
round 27, starting client 37/50, id: 9
round 27, starting client 38/50, id: 80
round 27, starting client 39/50, id: 96
round 27, starting client 40/50, id: 19
round 27, starting client 41/50, id: 27
round 27, starting client 42/50, id: 57
round 27, starting client 43/50, id: 28
round 27, starting client 44/50, id: 45
round 27, starting client 45/50, id: 59
round 27, starting client 46/50, id: 70
round 27, starting client 47/50, id: 11
round 27, starting client 48/50, id: 26
round 27, starting client 49/50, id: 61
round 27, starting client 50/50, id: 50
round 27, validation acc: 0.9858
starting round 28
clients: [46 9 16 71 60 35 36 19 10 68 41 94 56 85 93 99 53 34 2 66 77 79 33
43
7 15 57 25 21 90 44 38 97 55 81 22 39 91 24 82 83 61 40 12 87 62 27 50
95 69]
round 28, starting client 1/50, id: 46
round 28, starting client 2/50, id: 9
round 28, starting client 3/50, id: 16
round 28, starting client 4/50, id: 71
round 28, starting client 5/50, id: 60
round 28, starting client 6/50, id: 35
round 28, starting client 7/50, id: 36
round 28, starting client 8/50, id: 19
round 28, starting client 9/50, id: 10
round 28, starting client 10/50, id: 68
round 28, starting client 11/50, id: 41
round 28, starting client 12/50, id: 94
round 28, starting client 13/50, id: 56
round 28, starting client 14/50, id: 85
round 28, starting client 15/50, id: 93
round 28, starting client 16/50, id: 99
round 28, starting client 17/50, id: 53
round 28, starting client 18/50, id: 34
round 28, starting client 19/50, id: 2
round 28, starting client 20/50, id: 66
round 28, starting client 21/50, id: 77
round 28, starting client 22/50, id: 79

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round 28, starting client 23/50, id: 33
round 28, starting client 24/50, id: 43
round 28, starting client 25/50, id: 7
round 28, starting client 26/50, id: 15
round 28, starting client 27/50, id: 57
round 28, starting client 28/50, id: 25
round 28, starting client 29/50, id: 21
round 28, starting client 30/50, id: 90
round 28, starting client 31/50, id: 44
round 28, starting client 32/50, id: 38
round 28, starting client 33/50, id: 97
round 28, starting client 34/50, id: 55
round 28, starting client 35/50, id: 81
round 28, starting client 36/50, id: 22
round 28, starting client 37/50, id: 39
round 28, starting client 38/50, id: 91
round 28, starting client 39/50, id: 24
round 28, starting client 40/50, id: 82
round 28, starting client 41/50, id: 83
round 28, starting client 42/50, id: 61
round 28, starting client 43/50, id: 40
round 28, starting client 44/50, id: 12
round 28, starting client 45/50, id: 87
round 28, starting client 46/50, id: 62
round 28, starting client 47/50, id: 27
round 28, starting client 48/50, id: 50
round 28, starting client 49/50, id: 95
round 28, starting client 50/50, id: 69
round 28, validation acc: 0.9853
starting round 29
clients: [85 22 56 66 15 29 78 92 40 90 70 2 16 27 94 69 80 18 62 33 89 73 57
58
47 35 32 37 63 24 14 93 48 87 12 60 51 96 46 97 77 43 38 17 26 41 71 25
74 20]
round 29, starting client 1/50, id: 85
round 29, starting client 2/50, id: 22
round 29, starting client 3/50, id: 56
round 29, starting client 4/50, id: 66
round 29, starting client 5/50, id: 15
round 29, starting client 6/50, id: 29
round 29, starting client 7/50, id: 78
round 29, starting client 8/50, id: 92
round 29, starting client 9/50, id: 40
round 29, starting client 10/50, id: 90
round 29, starting client 11/50, id: 70
round 29, starting client 12/50, id: 2
round 29, starting client 13/50, id: 16
round 29, starting client 14/50, id: 27

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round 29, starting client 15/50, id: 94
round 29, starting client 16/50, id: 69
round 29, starting client 17/50, id: 80
round 29, starting client 18/50, id: 18
round 29, starting client 19/50, id: 62
round 29, starting client 20/50, id: 33
round 29, starting client 21/50, id: 89
round 29, starting client 22/50, id: 73
round 29, starting client 23/50, id: 57
round 29, starting client 24/50, id: 58
round 29, starting client 25/50, id: 47
round 29, starting client 26/50, id: 35
round 29, starting client 27/50, id: 32
round 29, starting client 28/50, id: 37
round 29, starting client 29/50, id: 63
round 29, starting client 30/50, id: 24
round 29, starting client 31/50, id: 14
round 29, starting client 32/50, id: 93
round 29, starting client 33/50, id: 48
round 29, starting client 34/50, id: 87
round 29, starting client 35/50, id: 12
round 29, starting client 36/50, id: 60
round 29, starting client 37/50, id: 51
round 29, starting client 38/50, id: 96
round 29, starting client 39/50, id: 46
round 29, starting client 40/50, id: 97
round 29, starting client 41/50, id: 77
round 29, starting client 42/50, id: 43
round 29, starting client 43/50, id: 38
round 29, starting client 44/50, id: 17
round 29, starting client 45/50, id: 26
round 29, starting client 46/50, id: 41
round 29, starting client 47/50, id: 71
round 29, starting client 48/50, id: 25
round 29, starting client 49/50, id: 74
round 29, starting client 50/50, id: 20
round 29, validation acc: 0.9851
starting round 30
clients: [25 23 49 2 22 43 13 28 1 37 87 14 59 36 6 79 16 12 24 66 88 67 77
9
82 45 41 4 53 51 20 70 99 75 81 68 32 47 90 29 73 96 55 38 98 56 5 33
80 54]
round 30, starting client 1/50, id: 25
round 30, starting client 2/50, id: 23
round 30, starting client 3/50, id: 49
round 30, starting client 4/50, id: 2
round 30, starting client 5/50, id: 22
round 30, starting client 6/50, id: 43

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round 30, starting client 7/50, id: 13
round 30, starting client 8/50, id: 28
round 30, starting client 9/50, id: 1
round 30, starting client 10/50, id: 37
round 30, starting client 11/50, id: 87
round 30, starting client 12/50, id: 14
round 30, starting client 13/50, id: 59
round 30, starting client 14/50, id: 36
round 30, starting client 15/50, id: 6
round 30, starting client 16/50, id: 79
round 30, starting client 17/50, id: 16
round 30, starting client 18/50, id: 12
round 30, starting client 19/50, id: 24
round 30, starting client 20/50, id: 66
round 30, starting client 21/50, id: 88
round 30, starting client 22/50, id: 67
round 30, starting client 23/50, id: 77
round 30, starting client 24/50, id: 9
round 30, starting client 25/50, id: 82
round 30, starting client 26/50, id: 45
round 30, starting client 27/50, id: 41
round 30, starting client 28/50, id: 4
round 30, starting client 29/50, id: 53
round 30, starting client 30/50, id: 51
round 30, starting client 31/50, id: 20
round 30, starting client 32/50, id: 70
round 30, starting client 33/50, id: 99
round 30, starting client 34/50, id: 75
round 30, starting client 35/50, id: 81
round 30, starting client 36/50, id: 68
round 30, starting client 37/50, id: 32
round 30, starting client 38/50, id: 47
round 30, starting client 39/50, id: 90
round 30, starting client 40/50, id: 29
round 30, starting client 41/50, id: 73
round 30, starting client 42/50, id: 96
round 30, starting client 43/50, id: 55
round 30, starting client 44/50, id: 38
round 30, starting client 45/50, id: 98
round 30, starting client 46/50, id: 56
round 30, starting client 47/50, id: 5
round 30, starting client 48/50, id: 33
round 30, starting client 49/50, id: 80
round 30, starting client 50/50, id: 54
round 30, validation acc: 0.9856
starting round 31
clients: [67 19 85 20 50 32 2 80 17 7 3 35 75 71 23 56 63 99 52 33 10 73 41
40

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9 58 94 38 6 81 66 28 83 79 43 15 62 53 49 27 22 25 8 57 4 78 29 24
 96 48]
 round 31, starting client 1/50, id: 67
 round 31, starting client 2/50, id: 19
 round 31, starting client 3/50, id: 85
 round 31, starting client 4/50, id: 20
 round 31, starting client 5/50, id: 50
 round 31, starting client 6/50, id: 32
 round 31, starting client 7/50, id: 2
 round 31, starting client 8/50, id: 80
 round 31, starting client 9/50, id: 17
 round 31, starting client 10/50, id: 7
 round 31, starting client 11/50, id: 3
 round 31, starting client 12/50, id: 35
 round 31, starting client 13/50, id: 75
 round 31, starting client 14/50, id: 71
 round 31, starting client 15/50, id: 23
 round 31, starting client 16/50, id: 56
 round 31, starting client 17/50, id: 63
 round 31, starting client 18/50, id: 99
 round 31, starting client 19/50, id: 52
 round 31, starting client 20/50, id: 33
 round 31, starting client 21/50, id: 10
 round 31, starting client 22/50, id: 73
 round 31, starting client 23/50, id: 41
 round 31, starting client 24/50, id: 40
 round 31, starting client 25/50, id: 9
 round 31, starting client 26/50, id: 58
 round 31, starting client 27/50, id: 94
 round 31, starting client 28/50, id: 38
 round 31, starting client 29/50, id: 6
 round 31, starting client 30/50, id: 81
 round 31, starting client 31/50, id: 66
 round 31, starting client 32/50, id: 28
 round 31, starting client 33/50, id: 83
 round 31, starting client 34/50, id: 79
 round 31, starting client 35/50, id: 43
 round 31, starting client 36/50, id: 15
 round 31, starting client 37/50, id: 62
 round 31, starting client 38/50, id: 53
 round 31, starting client 39/50, id: 49
 round 31, starting client 40/50, id: 27
 round 31, starting client 41/50, id: 22
 round 31, starting client 42/50, id: 25
 round 31, starting client 43/50, id: 8
 round 31, starting client 44/50, id: 57
 round 31, starting client 45/50, id: 4
 round 31, starting client 46/50, id: 78


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round 31, starting client 47/50, id: 29
round 31, starting client 48/50, id: 24
round 31, starting client 49/50, id: 96
round 31, starting client 50/50, id: 48
round 31, validation acc: 0.9859
starting round 32
clients:  [ 5 44 70 62 59 86  0 13 94 74 97  3 84 65 78 48 98 41 64 34 67  6 95
93
 68 82 27 80 76 21 60 32 92 83 75 17 30 81 29 26 69 14 63 36  1 31  9  8
46 2]
round 32, starting client 1/50, id: 5
round 32, starting client 2/50, id: 44
round 32, starting client 3/50, id: 70
round 32, starting client 4/50, id: 62
round 32, starting client 5/50, id: 59
round 32, starting client 6/50, id: 86
round 32, starting client 7/50, id: 0
round 32, starting client 8/50, id: 13
round 32, starting client 9/50, id: 94
round 32, starting client 10/50, id: 74
round 32, starting client 11/50, id: 97
round 32, starting client 12/50, id: 3
round 32, starting client 13/50, id: 84
round 32, starting client 14/50, id: 65
round 32, starting client 15/50, id: 78
round 32, starting client 16/50, id: 48
round 32, starting client 17/50, id: 98
round 32, starting client 18/50, id: 41
round 32, starting client 19/50, id: 64
round 32, starting client 20/50, id: 34
round 32, starting client 21/50, id: 67
round 32, starting client 22/50, id: 6
round 32, starting client 23/50, id: 95
round 32, starting client 24/50, id: 93
round 32, starting client 25/50, id: 68
round 32, starting client 26/50, id: 82
round 32, starting client 27/50, id: 27
round 32, starting client 28/50, id: 80
round 32, starting client 29/50, id: 76
round 32, starting client 30/50, id: 21
round 32, starting client 31/50, id: 60
round 32, starting client 32/50, id: 32
round 32, starting client 33/50, id: 92
round 32, starting client 34/50, id: 83
round 32, starting client 35/50, id: 75
round 32, starting client 36/50, id: 17
round 32, starting client 37/50, id: 30
round 32, starting client 38/50, id: 81

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round 32, starting client 39/50, id: 29
round 32, starting client 40/50, id: 26
round 32, starting client 41/50, id: 69
round 32, starting client 42/50, id: 14
round 32, starting client 43/50, id: 63
round 32, starting client 44/50, id: 36
round 32, starting client 45/50, id: 1
round 32, starting client 46/50, id: 31
round 32, starting client 47/50, id: 9
round 32, starting client 48/50, id: 8
round 32, starting client 49/50, id: 46
round 32, starting client 50/50, id: 2
round 32, validation acc: 0.9858
starting round 33
clients: [26 30 11 99 20 69 74 96 32 75 33 39 18 22 8 64 42 58 10 54 41 92 55
57
73 86 45 38 37 0 98 66 84 44 53 88 31 25 89 21 83 76 9 93 62 23 48 16
71 78]
round 33, starting client 1/50, id: 26
round 33, starting client 2/50, id: 30
round 33, starting client 3/50, id: 11
round 33, starting client 4/50, id: 99
round 33, starting client 5/50, id: 20
round 33, starting client 6/50, id: 69
round 33, starting client 7/50, id: 74
round 33, starting client 8/50, id: 96
round 33, starting client 9/50, id: 32
round 33, starting client 10/50, id: 75
round 33, starting client 11/50, id: 33
round 33, starting client 12/50, id: 39
round 33, starting client 13/50, id: 18
round 33, starting client 14/50, id: 22
round 33, starting client 15/50, id: 8
round 33, starting client 16/50, id: 64
round 33, starting client 17/50, id: 42
round 33, starting client 18/50, id: 58
round 33, starting client 19/50, id: 10
round 33, starting client 20/50, id: 54
round 33, starting client 21/50, id: 41
round 33, starting client 22/50, id: 92
round 33, starting client 23/50, id: 55
round 33, starting client 24/50, id: 57
round 33, starting client 25/50, id: 73
round 33, starting client 26/50, id: 86
round 33, starting client 27/50, id: 45
round 33, starting client 28/50, id: 38
round 33, starting client 29/50, id: 37
round 33, starting client 30/50, id: 0

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round 33, starting client 31/50, id: 98
round 33, starting client 32/50, id: 66
round 33, starting client 33/50, id: 84
round 33, starting client 34/50, id: 44
round 33, starting client 35/50, id: 53
round 33, starting client 36/50, id: 88
round 33, starting client 37/50, id: 31
round 33, starting client 38/50, id: 25
round 33, starting client 39/50, id: 89
round 33, starting client 40/50, id: 21
round 33, starting client 41/50, id: 83
round 33, starting client 42/50, id: 76
round 33, starting client 43/50, id: 9
round 33, starting client 44/50, id: 93
round 33, starting client 45/50, id: 62
round 33, starting client 46/50, id: 23
round 33, starting client 47/50, id: 48
round 33, starting client 48/50, id: 16
round 33, starting client 49/50, id: 71
round 33, starting client 50/50, id: 78
round 33, validation acc: 0.9862
starting round 34
clients: [83 97 79 55 74 72 73  9  7 62 68 99  6 50 85 96 48 60  3 65 94 39 77
53
 90 44 66 35 88 40 29 33 51 78 19 12 84 31 82 10  4 95 70 38 59 14 24 27
 8 16]
round 34, starting client 1/50, id: 83
round 34, starting client 2/50, id: 97
round 34, starting client 3/50, id: 79
round 34, starting client 4/50, id: 55
round 34, starting client 5/50, id: 74
round 34, starting client 6/50, id: 72
round 34, starting client 7/50, id: 73
round 34, starting client 8/50, id: 9
round 34, starting client 9/50, id: 7
round 34, starting client 10/50, id: 62
round 34, starting client 11/50, id: 68
round 34, starting client 12/50, id: 99
round 34, starting client 13/50, id: 6
round 34, starting client 14/50, id: 50
round 34, starting client 15/50, id: 85
round 34, starting client 16/50, id: 96
round 34, starting client 17/50, id: 48
round 34, starting client 18/50, id: 60
round 34, starting client 19/50, id: 3
round 34, starting client 20/50, id: 65
round 34, starting client 21/50, id: 94
round 34, starting client 22/50, id: 39

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round 34, starting client 23/50, id: 77
round 34, starting client 24/50, id: 53
round 34, starting client 25/50, id: 90
round 34, starting client 26/50, id: 44
round 34, starting client 27/50, id: 66
round 34, starting client 28/50, id: 35
round 34, starting client 29/50, id: 88
round 34, starting client 30/50, id: 40
round 34, starting client 31/50, id: 29
round 34, starting client 32/50, id: 33
round 34, starting client 33/50, id: 51
round 34, starting client 34/50, id: 78
round 34, starting client 35/50, id: 19
round 34, starting client 36/50, id: 12
round 34, starting client 37/50, id: 84
round 34, starting client 38/50, id: 31
round 34, starting client 39/50, id: 82
round 34, starting client 40/50, id: 10
round 34, starting client 41/50, id: 4
round 34, starting client 42/50, id: 95
round 34, starting client 43/50, id: 70
round 34, starting client 44/50, id: 38
round 34, starting client 45/50, id: 59
round 34, starting client 46/50, id: 14
round 34, starting client 47/50, id: 24
round 34, starting client 48/50, id: 27
round 34, starting client 49/50, id: 8
round 34, starting client 50/50, id: 16
round 34, validation acc: 0.9861
starting round 35
clients: [61 92 84 29 59 36 83 26 75 67 49 13 12 42 45 40 23 78 11 70 62 2 6
80
44 3 89 93 15 48 58 50 22 68 37 57 24 77 72 94 19 21 63 85 7 41 86 56
66 30]
round 35, starting client 1/50, id: 61
round 35, starting client 2/50, id: 92
round 35, starting client 3/50, id: 84
round 35, starting client 4/50, id: 29
round 35, starting client 5/50, id: 59
round 35, starting client 6/50, id: 36
round 35, starting client 7/50, id: 83
round 35, starting client 8/50, id: 26
round 35, starting client 9/50, id: 75
round 35, starting client 10/50, id: 67
round 35, starting client 11/50, id: 49
round 35, starting client 12/50, id: 13
round 35, starting client 13/50, id: 12
round 35, starting client 14/50, id: 42

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round 35, starting client 15/50, id: 45
round 35, starting client 16/50, id: 40
round 35, starting client 17/50, id: 23
round 35, starting client 18/50, id: 78
round 35, starting client 19/50, id: 11
round 35, starting client 20/50, id: 70
round 35, starting client 21/50, id: 62
round 35, starting client 22/50, id: 2
round 35, starting client 23/50, id: 6
round 35, starting client 24/50, id: 80
round 35, starting client 25/50, id: 44
round 35, starting client 26/50, id: 3
round 35, starting client 27/50, id: 89
round 35, starting client 28/50, id: 93
round 35, starting client 29/50, id: 15
round 35, starting client 30/50, id: 48
round 35, starting client 31/50, id: 58
round 35, starting client 32/50, id: 50
round 35, starting client 33/50, id: 22
round 35, starting client 34/50, id: 68
round 35, starting client 35/50, id: 37
round 35, starting client 36/50, id: 57
round 35, starting client 37/50, id: 24
round 35, starting client 38/50, id: 77
round 35, starting client 39/50, id: 72
round 35, starting client 40/50, id: 94
round 35, starting client 41/50, id: 19
round 35, starting client 42/50, id: 21
round 35, starting client 43/50, id: 63
round 35, starting client 44/50, id: 85
round 35, starting client 45/50, id: 7
round 35, starting client 46/50, id: 41
round 35, starting client 47/50, id: 86
round 35, starting client 48/50, id: 56
round 35, starting client 49/50, id: 66
round 35, starting client 50/50, id: 30
round 35, validation acc: 0.9865
starting round 36
clients: [67 30 76 92 51 23 42 47 82 96 91 10 15 3 61 97 62 64 40 93 2 5 85
55
6 59 21 73 63 32 35 24 78 86 16 83 58 87 53 44 39 4 74 98 38 13 94 11
43 34]
round 36, starting client 1/50, id: 67
round 36, starting client 2/50, id: 30
round 36, starting client 3/50, id: 76
round 36, starting client 4/50, id: 92
round 36, starting client 5/50, id: 51
round 36, starting client 6/50, id: 23

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round 36, starting client 7/50, id: 42
round 36, starting client 8/50, id: 47
round 36, starting client 9/50, id: 82
round 36, starting client 10/50, id: 96
round 36, starting client 11/50, id: 91
round 36, starting client 12/50, id: 10
round 36, starting client 13/50, id: 15
round 36, starting client 14/50, id: 3
round 36, starting client 15/50, id: 61
round 36, starting client 16/50, id: 97
round 36, starting client 17/50, id: 62
round 36, starting client 18/50, id: 64
round 36, starting client 19/50, id: 40
round 36, starting client 20/50, id: 93
round 36, starting client 21/50, id: 2
round 36, starting client 22/50, id: 5
round 36, starting client 23/50, id: 85
round 36, starting client 24/50, id: 55
round 36, starting client 25/50, id: 6
round 36, starting client 26/50, id: 59
round 36, starting client 27/50, id: 21
round 36, starting client 28/50, id: 73
round 36, starting client 29/50, id: 63
round 36, starting client 30/50, id: 32
round 36, starting client 31/50, id: 35
round 36, starting client 32/50, id: 24
round 36, starting client 33/50, id: 78
round 36, starting client 34/50, id: 86
round 36, starting client 35/50, id: 16
round 36, starting client 36/50, id: 83
round 36, starting client 37/50, id: 58
round 36, starting client 38/50, id: 87
round 36, starting client 39/50, id: 53
round 36, starting client 40/50, id: 44
round 36, starting client 41/50, id: 39
round 36, starting client 42/50, id: 4
round 36, starting client 43/50, id: 74
round 36, starting client 44/50, id: 98
round 36, starting client 45/50, id: 38
round 36, starting client 46/50, id: 13
round 36, starting client 47/50, id: 94
round 36, starting client 48/50, id: 11
round 36, starting client 49/50, id: 43
round 36, starting client 50/50, id: 34
round 36, validation acc: 0.9865
starting round 37
clients: [37 96 24 90 41 23 26 85 38 54 93 58 43 20 47 91 25 60 28 69 27 22 15
1

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48 86 42 59 82 51 21 94 44 97 6 16 70 62 84 52 63 7 8 46 83 36 71 79
31 57]

round 37, starting client 1/50, id: 37
round 37, starting client 2/50, id: 96
round 37, starting client 3/50, id: 24
round 37, starting client 4/50, id: 90
round 37, starting client 5/50, id: 41
round 37, starting client 6/50, id: 23
round 37, starting client 7/50, id: 26
round 37, starting client 8/50, id: 85
round 37, starting client 9/50, id: 38
round 37, starting client 10/50, id: 54
round 37, starting client 11/50, id: 93
round 37, starting client 12/50, id: 58
round 37, starting client 13/50, id: 43
round 37, starting client 14/50, id: 20
round 37, starting client 15/50, id: 47
round 37, starting client 16/50, id: 91
round 37, starting client 17/50, id: 25
round 37, starting client 18/50, id: 60
round 37, starting client 19/50, id: 28
round 37, starting client 20/50, id: 69
round 37, starting client 21/50, id: 27
round 37, starting client 22/50, id: 22
round 37, starting client 23/50, id: 15
round 37, starting client 24/50, id: 1
round 37, starting client 25/50, id: 48
round 37, starting client 26/50, id: 86
round 37, starting client 27/50, id: 42
round 37, starting client 28/50, id: 59
round 37, starting client 29/50, id: 82
round 37, starting client 30/50, id: 51
round 37, starting client 31/50, id: 21
round 37, starting client 32/50, id: 94
round 37, starting client 33/50, id: 44
round 37, starting client 34/50, id: 97
round 37, starting client 35/50, id: 6
round 37, starting client 36/50, id: 16
round 37, starting client 37/50, id: 70
round 37, starting client 38/50, id: 62
round 37, starting client 39/50, id: 84
round 37, starting client 40/50, id: 52
round 37, starting client 41/50, id: 63
round 37, starting client 42/50, id: 7
round 37, starting client 43/50, id: 8
round 37, starting client 44/50, id: 46
round 37, starting client 45/50, id: 83
round 37, starting client 46/50, id: 36

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round 37, starting client 47/50, id: 71
round 37, starting client 48/50, id: 79
round 37, starting client 49/50, id: 31
round 37, starting client 50/50, id: 57
round 37, validation acc: 0.9866
starting round 38
clients: [68 66 38 21 95 23  6 13  2 10 55 39  7 94 36 86  9 73 63 49 71 45 92
89
 1  8 81 29 99 57 30 58 46 19 53 82 83 60 28 75 31 56 85 17  4 88 76 50
65 14]
round 38, starting client 1/50, id: 68
round 38, starting client 2/50, id: 66
round 38, starting client 3/50, id: 38
round 38, starting client 4/50, id: 21
round 38, starting client 5/50, id: 95
round 38, starting client 6/50, id: 23
round 38, starting client 7/50, id: 6
round 38, starting client 8/50, id: 13
round 38, starting client 9/50, id: 2
round 38, starting client 10/50, id: 10
round 38, starting client 11/50, id: 55
round 38, starting client 12/50, id: 39
round 38, starting client 13/50, id: 7
round 38, starting client 14/50, id: 94
round 38, starting client 15/50, id: 36
round 38, starting client 16/50, id: 86
round 38, starting client 17/50, id: 9
round 38, starting client 18/50, id: 73
round 38, starting client 19/50, id: 63
round 38, starting client 20/50, id: 49
round 38, starting client 21/50, id: 71
round 38, starting client 22/50, id: 45
round 38, starting client 23/50, id: 92
round 38, starting client 24/50, id: 89
round 38, starting client 25/50, id: 1
round 38, starting client 26/50, id: 8
round 38, starting client 27/50, id: 81
round 38, starting client 28/50, id: 29
round 38, starting client 29/50, id: 99
round 38, starting client 30/50, id: 57
round 38, starting client 31/50, id: 30
round 38, starting client 32/50, id: 58
round 38, starting client 33/50, id: 46
round 38, starting client 34/50, id: 19
round 38, starting client 35/50, id: 53
round 38, starting client 36/50, id: 82
round 38, starting client 37/50, id: 83
round 38, starting client 38/50, id: 60

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round 38, starting client 39/50, id: 28
round 38, starting client 40/50, id: 75
round 38, starting client 41/50, id: 31
round 38, starting client 42/50, id: 56
round 38, starting client 43/50, id: 85
round 38, starting client 44/50, id: 17
round 38, starting client 45/50, id: 4
round 38, starting client 46/50, id: 88
round 38, starting client 47/50, id: 76
round 38, starting client 48/50, id: 50
round 38, starting client 49/50, id: 65
round 38, starting client 50/50, id: 14
round 38, validation acc: 0.9869
starting round 39
clients: [77 73 16 27 97 98 13 80 70 64 37  4 53 84 51 69  3 68 56 91 44 43 92
67
 79 19 63  8 78 99 25 66 39 81 86 10 38 48  7  1 85 33 54 17 94 31 29 87
 0 23]
round 39, starting client 1/50, id: 77
round 39, starting client 2/50, id: 73
round 39, starting client 3/50, id: 16
round 39, starting client 4/50, id: 27
round 39, starting client 5/50, id: 97
round 39, starting client 6/50, id: 98
round 39, starting client 7/50, id: 13
round 39, starting client 8/50, id: 80
round 39, starting client 9/50, id: 70
round 39, starting client 10/50, id: 64
round 39, starting client 11/50, id: 37
round 39, starting client 12/50, id: 4
round 39, starting client 13/50, id: 53
round 39, starting client 14/50, id: 84
round 39, starting client 15/50, id: 51
round 39, starting client 16/50, id: 69
round 39, starting client 17/50, id: 3
round 39, starting client 18/50, id: 68
round 39, starting client 19/50, id: 56
round 39, starting client 20/50, id: 91
round 39, starting client 21/50, id: 44
round 39, starting client 22/50, id: 43
round 39, starting client 23/50, id: 92
round 39, starting client 24/50, id: 67
round 39, starting client 25/50, id: 79
round 39, starting client 26/50, id: 19
round 39, starting client 27/50, id: 63
round 39, starting client 28/50, id: 8
round 39, starting client 29/50, id: 78
round 39, starting client 30/50, id: 99

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round 39, starting client 31/50, id: 25
round 39, starting client 32/50, id: 66
round 39, starting client 33/50, id: 39
round 39, starting client 34/50, id: 81
round 39, starting client 35/50, id: 86
round 39, starting client 36/50, id: 10
round 39, starting client 37/50, id: 38
round 39, starting client 38/50, id: 48
round 39, starting client 39/50, id: 7
round 39, starting client 40/50, id: 1
round 39, starting client 41/50, id: 85
round 39, starting client 42/50, id: 33
round 39, starting client 43/50, id: 54
round 39, starting client 44/50, id: 17
round 39, starting client 45/50, id: 94
round 39, starting client 46/50, id: 31
round 39, starting client 47/50, id: 29
round 39, starting client 48/50, id: 87
round 39, starting client 49/50, id: 0
round 39, starting client 50/50, id: 23
round 39, validation acc: 0.9865
starting round 40
clients: [21 72 41 65 51 38 34 56 49 69 37 99 32 60 73 90 84 77 67 83 82 23 62
44
27 42 70 64 59 54 58 95 86 89 61 71 7 85 18 3 81 46 87 98 48 9 16 45
47 43]
round 40, starting client 1/50, id: 21
round 40, starting client 2/50, id: 72
round 40, starting client 3/50, id: 41
round 40, starting client 4/50, id: 65
round 40, starting client 5/50, id: 51
round 40, starting client 6/50, id: 38
round 40, starting client 7/50, id: 34
round 40, starting client 8/50, id: 56
round 40, starting client 9/50, id: 49
round 40, starting client 10/50, id: 69
round 40, starting client 11/50, id: 37
round 40, starting client 12/50, id: 99
round 40, starting client 13/50, id: 32
round 40, starting client 14/50, id: 60
round 40, starting client 15/50, id: 73
round 40, starting client 16/50, id: 90
round 40, starting client 17/50, id: 84
round 40, starting client 18/50, id: 77
round 40, starting client 19/50, id: 67
round 40, starting client 20/50, id: 83
round 40, starting client 21/50, id: 82
round 40, starting client 22/50, id: 23

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round 40, starting client 23/50, id: 62
round 40, starting client 24/50, id: 44
round 40, starting client 25/50, id: 27
round 40, starting client 26/50, id: 42
round 40, starting client 27/50, id: 70
round 40, starting client 28/50, id: 64
round 40, starting client 29/50, id: 59
round 40, starting client 30/50, id: 54
round 40, starting client 31/50, id: 58
round 40, starting client 32/50, id: 95
round 40, starting client 33/50, id: 86
round 40, starting client 34/50, id: 89
round 40, starting client 35/50, id: 61
round 40, starting client 36/50, id: 71
round 40, starting client 37/50, id: 7
round 40, starting client 38/50, id: 85
round 40, starting client 39/50, id: 18
round 40, starting client 40/50, id: 3
round 40, starting client 41/50, id: 81
round 40, starting client 42/50, id: 46
round 40, starting client 43/50, id: 87
round 40, starting client 44/50, id: 98
round 40, starting client 45/50, id: 48
round 40, starting client 46/50, id: 9
round 40, starting client 47/50, id: 16
round 40, starting client 48/50, id: 45
round 40, starting client 49/50, id: 47
round 40, starting client 50/50, id: 43
round 40, validation acc: 0.9866
starting round 41
clients: [98 68 14 50 34 25 73 41 20 90 17 69 36 77 7 6 8 62 26 40 94 35 61
87
58 67 89 99 57 64 32 55 92 27 53 12 23 91 88 81 28 78 83 80 97 21 42 30
37 18]
round 41, starting client 1/50, id: 98
round 41, starting client 2/50, id: 68
round 41, starting client 3/50, id: 14
round 41, starting client 4/50, id: 50
round 41, starting client 5/50, id: 34
round 41, starting client 6/50, id: 25
round 41, starting client 7/50, id: 73
round 41, starting client 8/50, id: 41
round 41, starting client 9/50, id: 20
round 41, starting client 10/50, id: 90
round 41, starting client 11/50, id: 17
round 41, starting client 12/50, id: 69
round 41, starting client 13/50, id: 36
round 41, starting client 14/50, id: 77

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round 41, starting client 15/50, id: 7
round 41, starting client 16/50, id: 6
round 41, starting client 17/50, id: 8
round 41, starting client 18/50, id: 62
round 41, starting client 19/50, id: 26
round 41, starting client 20/50, id: 40
round 41, starting client 21/50, id: 94
round 41, starting client 22/50, id: 35
round 41, starting client 23/50, id: 61
round 41, starting client 24/50, id: 87
round 41, starting client 25/50, id: 58
round 41, starting client 26/50, id: 67
round 41, starting client 27/50, id: 89
round 41, starting client 28/50, id: 99
round 41, starting client 29/50, id: 57
round 41, starting client 30/50, id: 64
round 41, starting client 31/50, id: 32
round 41, starting client 32/50, id: 55
round 41, starting client 33/50, id: 92
round 41, starting client 34/50, id: 27
round 41, starting client 35/50, id: 53
round 41, starting client 36/50, id: 12
round 41, starting client 37/50, id: 23
round 41, starting client 38/50, id: 91
round 41, starting client 39/50, id: 88
round 41, starting client 40/50, id: 81
round 41, starting client 41/50, id: 28
round 41, starting client 42/50, id: 78
round 41, starting client 43/50, id: 83
round 41, starting client 44/50, id: 80
round 41, starting client 45/50, id: 97
round 41, starting client 46/50, id: 21
round 41, starting client 47/50, id: 42
round 41, starting client 48/50, id: 30
round 41, starting client 49/50, id: 37
round 41, starting client 50/50, id: 18
round 41, validation acc: 0.9867
starting round 42
clients: [96 28 69 53 62 59 71 77 26 31 75 54 97 33 0 18 84 15 88 10 99 98 55
64
2 73 35 47 87 4 23 45 48 17 72 5 95 44 65 32 16 85 30 79 43 68 37 46
51 41]
round 42, starting client 1/50, id: 96
round 42, starting client 2/50, id: 28
round 42, starting client 3/50, id: 69
round 42, starting client 4/50, id: 53
round 42, starting client 5/50, id: 62
round 42, starting client 6/50, id: 59

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round 42, starting client 7/50, id: 71
round 42, starting client 8/50, id: 77
round 42, starting client 9/50, id: 26
round 42, starting client 10/50, id: 31
round 42, starting client 11/50, id: 75
round 42, starting client 12/50, id: 54
round 42, starting client 13/50, id: 97
round 42, starting client 14/50, id: 33
round 42, starting client 15/50, id: 0
round 42, starting client 16/50, id: 18
round 42, starting client 17/50, id: 84
round 42, starting client 18/50, id: 15
round 42, starting client 19/50, id: 88
round 42, starting client 20/50, id: 10
round 42, starting client 21/50, id: 99
round 42, starting client 22/50, id: 98
round 42, starting client 23/50, id: 55
round 42, starting client 24/50, id: 64
round 42, starting client 25/50, id: 2
round 42, starting client 26/50, id: 73
round 42, starting client 27/50, id: 35
round 42, starting client 28/50, id: 47
round 42, starting client 29/50, id: 87
round 42, starting client 30/50, id: 4
round 42, starting client 31/50, id: 23
round 42, starting client 32/50, id: 45
round 42, starting client 33/50, id: 48
round 42, starting client 34/50, id: 17
round 42, starting client 35/50, id: 72
round 42, starting client 36/50, id: 5
round 42, starting client 37/50, id: 95
round 42, starting client 38/50, id: 44
round 42, starting client 39/50, id: 65
round 42, starting client 40/50, id: 32
round 42, starting client 41/50, id: 16
round 42, starting client 42/50, id: 85
round 42, starting client 43/50, id: 30
round 42, starting client 44/50, id: 79
round 42, starting client 45/50, id: 43
round 42, starting client 46/50, id: 68
round 42, starting client 47/50, id: 37
round 42, starting client 48/50, id: 46
round 42, starting client 49/50, id: 51
round 42, starting client 50/50, id: 41
round 42, validation acc: 0.987
starting round 43
clients: [ 4 54 17 49 1 62 74 85 8 70 13 90 61 2 98 56 33 52 59 10 20 30 65
15

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19 99 11 0 7 76 14 89 48 67 79 91 83 93 47 34 29 77 46 35 36 80 84 88
 23 9]
 round 43, starting client 1/50, id: 4
 round 43, starting client 2/50, id: 54
 round 43, starting client 3/50, id: 17
 round 43, starting client 4/50, id: 49
 round 43, starting client 5/50, id: 1
 round 43, starting client 6/50, id: 62
 round 43, starting client 7/50, id: 74
 round 43, starting client 8/50, id: 85
 round 43, starting client 9/50, id: 8
 round 43, starting client 10/50, id: 70
 round 43, starting client 11/50, id: 13
 round 43, starting client 12/50, id: 90
 round 43, starting client 13/50, id: 61
 round 43, starting client 14/50, id: 2
 round 43, starting client 15/50, id: 98
 round 43, starting client 16/50, id: 56
 round 43, starting client 17/50, id: 33
 round 43, starting client 18/50, id: 52
 round 43, starting client 19/50, id: 59
 round 43, starting client 20/50, id: 10
 round 43, starting client 21/50, id: 20
 round 43, starting client 22/50, id: 30
 round 43, starting client 23/50, id: 65
 round 43, starting client 24/50, id: 15
 round 43, starting client 25/50, id: 19
 round 43, starting client 26/50, id: 99
 round 43, starting client 27/50, id: 11
 round 43, starting client 28/50, id: 0
 round 43, starting client 29/50, id: 7
 round 43, starting client 30/50, id: 76
 round 43, starting client 31/50, id: 14
 round 43, starting client 32/50, id: 89
 round 43, starting client 33/50, id: 48
 round 43, starting client 34/50, id: 67
 round 43, starting client 35/50, id: 79
 round 43, starting client 36/50, id: 91
 round 43, starting client 37/50, id: 83
 round 43, starting client 38/50, id: 93
 round 43, starting client 39/50, id: 47
 round 43, starting client 40/50, id: 34
 round 43, starting client 41/50, id: 29
 round 43, starting client 42/50, id: 77
 round 43, starting client 43/50, id: 46
 round 43, starting client 44/50, id: 35
 round 43, starting client 45/50, id: 36
 round 43, starting client 46/50, id: 80

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round 43, starting client 47/50, id: 84
round 43, starting client 48/50, id: 88
round 43, starting client 49/50, id: 23
round 43, starting client 50/50, id: 9
round 43, validation acc: 0.9866
starting round 44
clients: [44  5 87 62 33 29 96  7 66 98 65  1 30 57  8 69 56 53 90 63  3 45 51
15
 94 77 64 76 34 40 72 47 38 46 80  9 95 82 42 71 81 10 21 83 22 68  0 59
61 79]
round 44, starting client 1/50, id: 44
round 44, starting client 2/50, id: 5
round 44, starting client 3/50, id: 87
round 44, starting client 4/50, id: 62
round 44, starting client 5/50, id: 33
round 44, starting client 6/50, id: 29
round 44, starting client 7/50, id: 96
round 44, starting client 8/50, id: 7
round 44, starting client 9/50, id: 66
round 44, starting client 10/50, id: 98
round 44, starting client 11/50, id: 65
round 44, starting client 12/50, id: 1
round 44, starting client 13/50, id: 30
round 44, starting client 14/50, id: 57
round 44, starting client 15/50, id: 8
round 44, starting client 16/50, id: 69
round 44, starting client 17/50, id: 56
round 44, starting client 18/50, id: 53
round 44, starting client 19/50, id: 90
round 44, starting client 20/50, id: 63
round 44, starting client 21/50, id: 3
round 44, starting client 22/50, id: 45
round 44, starting client 23/50, id: 51
round 44, starting client 24/50, id: 15
round 44, starting client 25/50, id: 94
round 44, starting client 26/50, id: 77
round 44, starting client 27/50, id: 64
round 44, starting client 28/50, id: 76
round 44, starting client 29/50, id: 34
round 44, starting client 30/50, id: 40
round 44, starting client 31/50, id: 72
round 44, starting client 32/50, id: 47
round 44, starting client 33/50, id: 38
round 44, starting client 34/50, id: 46
round 44, starting client 35/50, id: 80
round 44, starting client 36/50, id: 9
round 44, starting client 37/50, id: 95
round 44, starting client 38/50, id: 82

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round 44, starting client 39/50, id: 42
round 44, starting client 40/50, id: 71
round 44, starting client 41/50, id: 81
round 44, starting client 42/50, id: 10
round 44, starting client 43/50, id: 21
round 44, starting client 44/50, id: 83
round 44, starting client 45/50, id: 22
round 44, starting client 46/50, id: 68
round 44, starting client 47/50, id: 0
round 44, starting client 48/50, id: 59
round 44, starting client 49/50, id: 61
round 44, starting client 50/50, id: 79
round 44, validation acc: 0.987
starting round 45
clients: [ 0 97  4 19  5 28 17 96 87 85 16 52 44 77 80 29 31 53 46 89 22 47 13
75
88  3 41 56 42 21 92  9 38 30 40 84 57 54 76 67 48 10  8 74 93 64 78 15
25 55]
round 45, starting client 1/50, id: 0
round 45, starting client 2/50, id: 97
round 45, starting client 3/50, id: 4
round 45, starting client 4/50, id: 19
round 45, starting client 5/50, id: 5
round 45, starting client 6/50, id: 28
round 45, starting client 7/50, id: 17
round 45, starting client 8/50, id: 96
round 45, starting client 9/50, id: 87
round 45, starting client 10/50, id: 85
round 45, starting client 11/50, id: 16
round 45, starting client 12/50, id: 52
round 45, starting client 13/50, id: 44
round 45, starting client 14/50, id: 77
round 45, starting client 15/50, id: 80
round 45, starting client 16/50, id: 29
round 45, starting client 17/50, id: 31
round 45, starting client 18/50, id: 53
round 45, starting client 19/50, id: 46
round 45, starting client 20/50, id: 89
round 45, starting client 21/50, id: 22
round 45, starting client 22/50, id: 47
round 45, starting client 23/50, id: 13
round 45, starting client 24/50, id: 75
round 45, starting client 25/50, id: 88
round 45, starting client 26/50, id: 3
round 45, starting client 27/50, id: 41
round 45, starting client 28/50, id: 56
round 45, starting client 29/50, id: 42
round 45, starting client 30/50, id: 21

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round 45, starting client 31/50, id: 92
round 45, starting client 32/50, id: 9
round 45, starting client 33/50, id: 38
round 45, starting client 34/50, id: 30
round 45, starting client 35/50, id: 40
round 45, starting client 36/50, id: 84
round 45, starting client 37/50, id: 57
round 45, starting client 38/50, id: 54
round 45, starting client 39/50, id: 76
round 45, starting client 40/50, id: 67
round 45, starting client 41/50, id: 48
round 45, starting client 42/50, id: 10
round 45, starting client 43/50, id: 8
round 45, starting client 44/50, id: 74
round 45, starting client 45/50, id: 93
round 45, starting client 46/50, id: 64
round 45, starting client 47/50, id: 78
round 45, starting client 48/50, id: 15
round 45, starting client 49/50, id: 25
round 45, starting client 50/50, id: 55
round 45, validation acc: 0.9871
starting round 46
clients: [11 6 93 16 99 88 2 67 29 87 10 47 95 68 83 97 92 82 46 59 38 44 74
72
15 76 39 73 36 54 7 89 49 8 21 45 65 86 0 18 17 41 62 56 27 98 79 90
70 64]
round 46, starting client 1/50, id: 11
round 46, starting client 2/50, id: 6
round 46, starting client 3/50, id: 93
round 46, starting client 4/50, id: 16
round 46, starting client 5/50, id: 99
round 46, starting client 6/50, id: 88
round 46, starting client 7/50, id: 2
round 46, starting client 8/50, id: 67
round 46, starting client 9/50, id: 29
round 46, starting client 10/50, id: 87
round 46, starting client 11/50, id: 10
round 46, starting client 12/50, id: 47
round 46, starting client 13/50, id: 95
round 46, starting client 14/50, id: 68
round 46, starting client 15/50, id: 83
round 46, starting client 16/50, id: 97
round 46, starting client 17/50, id: 92
round 46, starting client 18/50, id: 82
round 46, starting client 19/50, id: 46
round 46, starting client 20/50, id: 59
round 46, starting client 21/50, id: 38
round 46, starting client 22/50, id: 44

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round 46, starting client 23/50, id: 74
round 46, starting client 24/50, id: 72
round 46, starting client 25/50, id: 15
round 46, starting client 26/50, id: 76
round 46, starting client 27/50, id: 39
round 46, starting client 28/50, id: 73
round 46, starting client 29/50, id: 36
round 46, starting client 30/50, id: 54
round 46, starting client 31/50, id: 7
round 46, starting client 32/50, id: 89
round 46, starting client 33/50, id: 49
round 46, starting client 34/50, id: 8
round 46, starting client 35/50, id: 21
round 46, starting client 36/50, id: 45
round 46, starting client 37/50, id: 65
round 46, starting client 38/50, id: 86
round 46, starting client 39/50, id: 0
round 46, starting client 40/50, id: 18
round 46, starting client 41/50, id: 17
round 46, starting client 42/50, id: 41
round 46, starting client 43/50, id: 62
round 46, starting client 44/50, id: 56
round 46, starting client 45/50, id: 27
round 46, starting client 46/50, id: 98
round 46, starting client 47/50, id: 79
round 46, starting client 48/50, id: 90
round 46, starting client 49/50, id: 70
round 46, starting client 50/50, id: 64
round 46, validation acc: 0.987
starting round 47
clients: [68 38 91 16 75 56 18 27 23 42 70 32 85 98 71 90 10 81 67 3 64 77 96
97
57 66 65 25 72 8 29 31 5 61 74 1 33 93 19 83 52 60 26 76 36 12 53 17
48 15]
round 47, starting client 1/50, id: 68
round 47, starting client 2/50, id: 38
round 47, starting client 3/50, id: 91
round 47, starting client 4/50, id: 16
round 47, starting client 5/50, id: 75
round 47, starting client 6/50, id: 56
round 47, starting client 7/50, id: 18
round 47, starting client 8/50, id: 27
round 47, starting client 9/50, id: 23
round 47, starting client 10/50, id: 42
round 47, starting client 11/50, id: 70
round 47, starting client 12/50, id: 32
round 47, starting client 13/50, id: 85
round 47, starting client 14/50, id: 98

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round 47, starting client 15/50, id: 71
round 47, starting client 16/50, id: 90
round 47, starting client 17/50, id: 10
round 47, starting client 18/50, id: 81
round 47, starting client 19/50, id: 67
round 47, starting client 20/50, id: 3
round 47, starting client 21/50, id: 64
round 47, starting client 22/50, id: 77
round 47, starting client 23/50, id: 96
round 47, starting client 24/50, id: 97
round 47, starting client 25/50, id: 57
round 47, starting client 26/50, id: 66
round 47, starting client 27/50, id: 65
round 47, starting client 28/50, id: 25
round 47, starting client 29/50, id: 72
round 47, starting client 30/50, id: 8
round 47, starting client 31/50, id: 29
round 47, starting client 32/50, id: 31
round 47, starting client 33/50, id: 5
round 47, starting client 34/50, id: 61
round 47, starting client 35/50, id: 74
round 47, starting client 36/50, id: 1
round 47, starting client 37/50, id: 33
round 47, starting client 38/50, id: 93
round 47, starting client 39/50, id: 19
round 47, starting client 40/50, id: 83
round 47, starting client 41/50, id: 52
round 47, starting client 42/50, id: 60
round 47, starting client 43/50, id: 26
round 47, starting client 44/50, id: 76
round 47, starting client 45/50, id: 36
round 47, starting client 46/50, id: 12
round 47, starting client 47/50, id: 53
round 47, starting client 48/50, id: 17
round 47, starting client 49/50, id: 48
round 47, starting client 50/50, id: 15
round 47, validation acc: 0.9869
starting round 48
clients: [56 82 39 99 71 32 16 22 44 87 0 31 81 53 28 7 2 27 92 12 46 8 84
36
11 4 6 25 55 74 19 86 47 98 88 5 83 59 58 48 54 66 62 60 14 49 73 30
24 94]
round 48, starting client 1/50, id: 56
round 48, starting client 2/50, id: 82
round 48, starting client 3/50, id: 39
round 48, starting client 4/50, id: 99
round 48, starting client 5/50, id: 71
round 48, starting client 6/50, id: 32

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round 48, starting client 7/50, id: 16
round 48, starting client 8/50, id: 22
round 48, starting client 9/50, id: 44
round 48, starting client 10/50, id: 87
round 48, starting client 11/50, id: 0
round 48, starting client 12/50, id: 31
round 48, starting client 13/50, id: 81
round 48, starting client 14/50, id: 53
round 48, starting client 15/50, id: 28
round 48, starting client 16/50, id: 7
round 48, starting client 17/50, id: 2
round 48, starting client 18/50, id: 27
round 48, starting client 19/50, id: 92
round 48, starting client 20/50, id: 12
round 48, starting client 21/50, id: 46
round 48, starting client 22/50, id: 8
round 48, starting client 23/50, id: 84
round 48, starting client 24/50, id: 36
round 48, starting client 25/50, id: 11
round 48, starting client 26/50, id: 4
round 48, starting client 27/50, id: 6
round 48, starting client 28/50, id: 25
round 48, starting client 29/50, id: 55
round 48, starting client 30/50, id: 74
round 48, starting client 31/50, id: 19
round 48, starting client 32/50, id: 86
round 48, starting client 33/50, id: 47
round 48, starting client 34/50, id: 98
round 48, starting client 35/50, id: 88
round 48, starting client 36/50, id: 5
round 48, starting client 37/50, id: 83
round 48, starting client 38/50, id: 59
round 48, starting client 39/50, id: 58
round 48, starting client 40/50, id: 48
round 48, starting client 41/50, id: 54
round 48, starting client 42/50, id: 66
round 48, starting client 43/50, id: 62
round 48, starting client 44/50, id: 60
round 48, starting client 45/50, id: 14
round 48, starting client 46/50, id: 49
round 48, starting client 47/50, id: 73
round 48, starting client 48/50, id: 30
round 48, starting client 49/50, id: 24
round 48, starting client 50/50, id: 94
round 48, validation acc: 0.9869
starting round 49
clients: [37 17 66 54 71 21 47 35 56 74 31 24 4 2 8 50 9 90 75 27 15 77 33
7

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13 63 53 30 48 72 18 92 40 42 86 84 68 61 96 23 14 85 38 73 5 36 6 94
 49 41]
 round 49, starting client 1/50, id: 37
 round 49, starting client 2/50, id: 17
 round 49, starting client 3/50, id: 66
 round 49, starting client 4/50, id: 54
 round 49, starting client 5/50, id: 71
 round 49, starting client 6/50, id: 21
 round 49, starting client 7/50, id: 47
 round 49, starting client 8/50, id: 35
 round 49, starting client 9/50, id: 56
 round 49, starting client 10/50, id: 74
 round 49, starting client 11/50, id: 31
 round 49, starting client 12/50, id: 24
 round 49, starting client 13/50, id: 4
 round 49, starting client 14/50, id: 2
 round 49, starting client 15/50, id: 8
 round 49, starting client 16/50, id: 50
 round 49, starting client 17/50, id: 9
 round 49, starting client 18/50, id: 90
 round 49, starting client 19/50, id: 75
 round 49, starting client 20/50, id: 27
 round 49, starting client 21/50, id: 15
 round 49, starting client 22/50, id: 77
 round 49, starting client 23/50, id: 33
 round 49, starting client 24/50, id: 7
 round 49, starting client 25/50, id: 13
 round 49, starting client 26/50, id: 63
 round 49, starting client 27/50, id: 53
 round 49, starting client 28/50, id: 30
 round 49, starting client 29/50, id: 48
 round 49, starting client 30/50, id: 72
 round 49, starting client 31/50, id: 18
 round 49, starting client 32/50, id: 92
 round 49, starting client 33/50, id: 40
 round 49, starting client 34/50, id: 42
 round 49, starting client 35/50, id: 86
 round 49, starting client 36/50, id: 84
 round 49, starting client 37/50, id: 68
 round 49, starting client 38/50, id: 61
 round 49, starting client 39/50, id: 96
 round 49, starting client 40/50, id: 23
 round 49, starting client 41/50, id: 14
 round 49, starting client 42/50, id: 85
 round 49, starting client 43/50, id: 38
 round 49, starting client 44/50, id: 73
 round 49, starting client 45/50, id: 5
 round 49, starting client 46/50, id: 36

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round 49, starting client 47/50, id: 6
round 49, starting client 48/50, id: 94
round 49, starting client 49/50, id: 49
round 49, starting client 50/50, id: 41
round 49, validation acc: 0.987
starting round 50
clients: [87 70 31 57 35 50 16 99 4 55 76 27 48 34 10 37 67 88 0 6 3 60 96
11
52 32 7 23 81 92 22 25 73 38 33 39 42 24 98 69 13 84 83 18 89 74 9 19
40 72]
round 50, starting client 1/50, id: 87
round 50, starting client 2/50, id: 70
round 50, starting client 3/50, id: 31
round 50, starting client 4/50, id: 57
round 50, starting client 5/50, id: 35
round 50, starting client 6/50, id: 50
round 50, starting client 7/50, id: 16
round 50, starting client 8/50, id: 99
round 50, starting client 9/50, id: 4
round 50, starting client 10/50, id: 55
round 50, starting client 11/50, id: 76
round 50, starting client 12/50, id: 27
round 50, starting client 13/50, id: 48
round 50, starting client 14/50, id: 34
round 50, starting client 15/50, id: 10
round 50, starting client 16/50, id: 37
round 50, starting client 17/50, id: 67
round 50, starting client 18/50, id: 88
round 50, starting client 19/50, id: 0
round 50, starting client 20/50, id: 6
round 50, starting client 21/50, id: 3
round 50, starting client 22/50, id: 60
round 50, starting client 23/50, id: 96
round 50, starting client 24/50, id: 11
round 50, starting client 25/50, id: 52
round 50, starting client 26/50, id: 32
round 50, starting client 27/50, id: 7
round 50, starting client 28/50, id: 23
round 50, starting client 29/50, id: 81
round 50, starting client 30/50, id: 92
round 50, starting client 31/50, id: 22
round 50, starting client 32/50, id: 25
round 50, starting client 33/50, id: 73
round 50, starting client 34/50, id: 38
round 50, starting client 35/50, id: 33
round 50, starting client 36/50, id: 39
round 50, starting client 37/50, id: 42
round 50, starting client 38/50, id: 24

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round 50, starting client 39/50, id: 98
round 50, starting client 40/50, id: 69
round 50, starting client 41/50, id: 13
round 50, starting client 42/50, id: 84
round 50, starting client 43/50, id: 83
round 50, starting client 44/50, id: 18
round 50, starting client 45/50, id: 89
round 50, starting client 46/50, id: 74
round 50, starting client 47/50, id: 9
round 50, starting client 48/50, id: 19
round 50, starting client 49/50, id: 40
round 50, starting client 50/50, id: 72
round 50, validation acc: 0.9875
starting round 51
clients: [64 38 45 16 2 44 33 62 0 71 65 94 10 7 46 14 48 66 47 75 77 59 95
12
30 43 69 3 97 40 72 8 54 79 61 36 1 28 6 80 35 67 57 52 4 85 92 37
18 24]
round 51, starting client 1/50, id: 64
round 51, starting client 2/50, id: 38
round 51, starting client 3/50, id: 45
round 51, starting client 4/50, id: 16
round 51, starting client 5/50, id: 2
round 51, starting client 6/50, id: 44
round 51, starting client 7/50, id: 33
round 51, starting client 8/50, id: 62
round 51, starting client 9/50, id: 0
round 51, starting client 10/50, id: 71
round 51, starting client 11/50, id: 65
round 51, starting client 12/50, id: 94
round 51, starting client 13/50, id: 10
round 51, starting client 14/50, id: 7
round 51, starting client 15/50, id: 46
round 51, starting client 16/50, id: 14
round 51, starting client 17/50, id: 48
round 51, starting client 18/50, id: 66
round 51, starting client 19/50, id: 47
round 51, starting client 20/50, id: 75
round 51, starting client 21/50, id: 77
round 51, starting client 22/50, id: 59
round 51, starting client 23/50, id: 95
round 51, starting client 24/50, id: 12
round 51, starting client 25/50, id: 30
round 51, starting client 26/50, id: 43
round 51, starting client 27/50, id: 69
round 51, starting client 28/50, id: 3
round 51, starting client 29/50, id: 97
round 51, starting client 30/50, id: 40

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round 51, starting client 31/50, id: 72
round 51, starting client 32/50, id: 8
round 51, starting client 33/50, id: 54
round 51, starting client 34/50, id: 79
round 51, starting client 35/50, id: 61
round 51, starting client 36/50, id: 36
round 51, starting client 37/50, id: 1
round 51, starting client 38/50, id: 28
round 51, starting client 39/50, id: 6
round 51, starting client 40/50, id: 80
round 51, starting client 41/50, id: 35
round 51, starting client 42/50, id: 67
round 51, starting client 43/50, id: 57
round 51, starting client 44/50, id: 52
round 51, starting client 45/50, id: 4
round 51, starting client 46/50, id: 85
round 51, starting client 47/50, id: 92
round 51, starting client 48/50, id: 37
round 51, starting client 49/50, id: 18
round 51, starting client 50/50, id: 24
round 51, validation acc: 0.9872
starting round 52
clients: [79 28 70 65 46 68 27 59 36 84 35 95 76 50 49 4 44 86 62 34 29 52 37
30
5 15 25 64 80 43 0 57 1 16 48 3 47 51 9 90 72 94 38 63 67 31 39 11
81 73]
round 52, starting client 1/50, id: 79
round 52, starting client 2/50, id: 28
round 52, starting client 3/50, id: 70
round 52, starting client 4/50, id: 65
round 52, starting client 5/50, id: 46
round 52, starting client 6/50, id: 68
round 52, starting client 7/50, id: 27
round 52, starting client 8/50, id: 59
round 52, starting client 9/50, id: 36
round 52, starting client 10/50, id: 84
round 52, starting client 11/50, id: 35
round 52, starting client 12/50, id: 95
round 52, starting client 13/50, id: 76
round 52, starting client 14/50, id: 50
round 52, starting client 15/50, id: 49
round 52, starting client 16/50, id: 4
round 52, starting client 17/50, id: 44
round 52, starting client 18/50, id: 86
round 52, starting client 19/50, id: 62
round 52, starting client 20/50, id: 34
round 52, starting client 21/50, id: 29
round 52, starting client 22/50, id: 52

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round 52, starting client 23/50, id: 37
round 52, starting client 24/50, id: 30
round 52, starting client 25/50, id: 5
round 52, starting client 26/50, id: 15
round 52, starting client 27/50, id: 25
round 52, starting client 28/50, id: 64
round 52, starting client 29/50, id: 80
round 52, starting client 30/50, id: 43
round 52, starting client 31/50, id: 0
round 52, starting client 32/50, id: 57
round 52, starting client 33/50, id: 1
round 52, starting client 34/50, id: 16
round 52, starting client 35/50, id: 48
round 52, starting client 36/50, id: 3
round 52, starting client 37/50, id: 47
round 52, starting client 38/50, id: 51
round 52, starting client 39/50, id: 9
round 52, starting client 40/50, id: 90
round 52, starting client 41/50, id: 72
round 52, starting client 42/50, id: 94
round 52, starting client 43/50, id: 38
round 52, starting client 44/50, id: 63
round 52, starting client 45/50, id: 67
round 52, starting client 46/50, id: 31
round 52, starting client 47/50, id: 39
round 52, starting client 48/50, id: 11
round 52, starting client 49/50, id: 81
round 52, starting client 50/50, id: 73
round 52, validation acc: 0.9872
starting round 53
clients: [ 1 69 29 79 0 34 32 41 4 95 85 9 76 80 59 11 25 74 66 94 62 24 23
78
71 36 37 58 46 82 31 99 97 83 84 64 51 88 5 6 70 26 49 93 16 75 57 14
73 68]
round 53, starting client 1/50, id: 1
round 53, starting client 2/50, id: 69
round 53, starting client 3/50, id: 29
round 53, starting client 4/50, id: 79
round 53, starting client 5/50, id: 0
round 53, starting client 6/50, id: 34
round 53, starting client 7/50, id: 32
round 53, starting client 8/50, id: 41
round 53, starting client 9/50, id: 4
round 53, starting client 10/50, id: 95
round 53, starting client 11/50, id: 85
round 53, starting client 12/50, id: 9
round 53, starting client 13/50, id: 76
round 53, starting client 14/50, id: 80

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round 53, starting client 15/50, id: 59
round 53, starting client 16/50, id: 11
round 53, starting client 17/50, id: 25
round 53, starting client 18/50, id: 74
round 53, starting client 19/50, id: 66
round 53, starting client 20/50, id: 94
round 53, starting client 21/50, id: 62
round 53, starting client 22/50, id: 24
round 53, starting client 23/50, id: 23
round 53, starting client 24/50, id: 78
round 53, starting client 25/50, id: 71
round 53, starting client 26/50, id: 36
round 53, starting client 27/50, id: 37
round 53, starting client 28/50, id: 58
round 53, starting client 29/50, id: 46
round 53, starting client 30/50, id: 82
round 53, starting client 31/50, id: 31
round 53, starting client 32/50, id: 99
round 53, starting client 33/50, id: 97
round 53, starting client 34/50, id: 83
round 53, starting client 35/50, id: 84
round 53, starting client 36/50, id: 64
round 53, starting client 37/50, id: 51
round 53, starting client 38/50, id: 88
round 53, starting client 39/50, id: 5
round 53, starting client 40/50, id: 6
round 53, starting client 41/50, id: 70
round 53, starting client 42/50, id: 26
round 53, starting client 43/50, id: 49
round 53, starting client 44/50, id: 93
round 53, starting client 45/50, id: 16
round 53, starting client 46/50, id: 75
round 53, starting client 47/50, id: 57
round 53, starting client 48/50, id: 14
round 53, starting client 49/50, id: 73
round 53, starting client 50/50, id: 68
round 53, validation acc: 0.9872
starting round 54
clients: [28 25 31 74 62 11 40 3 78 14 86 58 52 97 50 48 60 10 36 22 16 88 42
27
64 55 33 4 32 39 47 84 24 80 37 68 94 82 72 8 91 51 29 92 66 6 61 96
56 7]
round 54, starting client 1/50, id: 28
round 54, starting client 2/50, id: 25
round 54, starting client 3/50, id: 31
round 54, starting client 4/50, id: 74
round 54, starting client 5/50, id: 62
round 54, starting client 6/50, id: 11

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round 54, starting client 7/50, id: 40
round 54, starting client 8/50, id: 3
round 54, starting client 9/50, id: 78
round 54, starting client 10/50, id: 14
round 54, starting client 11/50, id: 86
round 54, starting client 12/50, id: 58
round 54, starting client 13/50, id: 52
round 54, starting client 14/50, id: 97
round 54, starting client 15/50, id: 50
round 54, starting client 16/50, id: 48
round 54, starting client 17/50, id: 60
round 54, starting client 18/50, id: 10
round 54, starting client 19/50, id: 36
round 54, starting client 20/50, id: 22
round 54, starting client 21/50, id: 16
round 54, starting client 22/50, id: 88
round 54, starting client 23/50, id: 42
round 54, starting client 24/50, id: 27
round 54, starting client 25/50, id: 64
round 54, starting client 26/50, id: 55
round 54, starting client 27/50, id: 33
round 54, starting client 28/50, id: 4
round 54, starting client 29/50, id: 32
round 54, starting client 30/50, id: 39
round 54, starting client 31/50, id: 47
round 54, starting client 32/50, id: 84
round 54, starting client 33/50, id: 24
round 54, starting client 34/50, id: 80
round 54, starting client 35/50, id: 37
round 54, starting client 36/50, id: 68
round 54, starting client 37/50, id: 94
round 54, starting client 38/50, id: 82
round 54, starting client 39/50, id: 72
round 54, starting client 40/50, id: 8
round 54, starting client 41/50, id: 91
round 54, starting client 42/50, id: 51
round 54, starting client 43/50, id: 29
round 54, starting client 44/50, id: 92
round 54, starting client 45/50, id: 66
round 54, starting client 46/50, id: 6
round 54, starting client 47/50, id: 61
round 54, starting client 48/50, id: 96
round 54, starting client 49/50, id: 56
round 54, starting client 50/50, id: 7
round 54, validation acc: 0.9874
starting round 55
clients: [15 9 6 7 30 59 42 89 44 29 0 23 37 20 50 91 87 54 77 10 81 19 12
65

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72 79 83 52 43 49 35 73 18 33 64 92 16 62 86 98 61 28 21 11 24 38 1 58
53 56]

round 55, starting client 1/50, id: 15
round 55, starting client 2/50, id: 9
round 55, starting client 3/50, id: 6
round 55, starting client 4/50, id: 7
round 55, starting client 5/50, id: 30
round 55, starting client 6/50, id: 59
round 55, starting client 7/50, id: 42
round 55, starting client 8/50, id: 89
round 55, starting client 9/50, id: 44
round 55, starting client 10/50, id: 29
round 55, starting client 11/50, id: 0
round 55, starting client 12/50, id: 23
round 55, starting client 13/50, id: 37
round 55, starting client 14/50, id: 20
round 55, starting client 15/50, id: 50
round 55, starting client 16/50, id: 91
round 55, starting client 17/50, id: 87
round 55, starting client 18/50, id: 54
round 55, starting client 19/50, id: 77
round 55, starting client 20/50, id: 10
round 55, starting client 21/50, id: 81
round 55, starting client 22/50, id: 19
round 55, starting client 23/50, id: 12
round 55, starting client 24/50, id: 65
round 55, starting client 25/50, id: 72
round 55, starting client 26/50, id: 79
round 55, starting client 27/50, id: 83
round 55, starting client 28/50, id: 52
round 55, starting client 29/50, id: 43
round 55, starting client 30/50, id: 49
round 55, starting client 31/50, id: 35
round 55, starting client 32/50, id: 73
round 55, starting client 33/50, id: 18
round 55, starting client 34/50, id: 33
round 55, starting client 35/50, id: 64
round 55, starting client 36/50, id: 92
round 55, starting client 37/50, id: 16
round 55, starting client 38/50, id: 62
round 55, starting client 39/50, id: 86
round 55, starting client 40/50, id: 98
round 55, starting client 41/50, id: 61
round 55, starting client 42/50, id: 28
round 55, starting client 43/50, id: 21
round 55, starting client 44/50, id: 11
round 55, starting client 45/50, id: 24
round 55, starting client 46/50, id: 38

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round 55, starting client 47/50, id: 1
round 55, starting client 48/50, id: 58
round 55, starting client 49/50, id: 53
round 55, starting client 50/50, id: 56
round 55, validation acc: 0.9874
starting round 56
clients: [39 87 75 17 59 14 29 41 27 37 40 53 0 60 16 96 23 63 5 22 54 73 71
67
61 26 15 44 9 24 98 85 70 10 99 31 66 6 2 28 65 72 46 48 74 47 20 3
7 36]
round 56, starting client 1/50, id: 39
round 56, starting client 2/50, id: 87
round 56, starting client 3/50, id: 75
round 56, starting client 4/50, id: 17
round 56, starting client 5/50, id: 59
round 56, starting client 6/50, id: 14
round 56, starting client 7/50, id: 29
round 56, starting client 8/50, id: 41
round 56, starting client 9/50, id: 27
round 56, starting client 10/50, id: 37
round 56, starting client 11/50, id: 40
round 56, starting client 12/50, id: 53
round 56, starting client 13/50, id: 0
round 56, starting client 14/50, id: 60
round 56, starting client 15/50, id: 16
round 56, starting client 16/50, id: 96
round 56, starting client 17/50, id: 23
round 56, starting client 18/50, id: 63
round 56, starting client 19/50, id: 5
round 56, starting client 20/50, id: 22
round 56, starting client 21/50, id: 54
round 56, starting client 22/50, id: 73
round 56, starting client 23/50, id: 71
round 56, starting client 24/50, id: 67
round 56, starting client 25/50, id: 61
round 56, starting client 26/50, id: 26
round 56, starting client 27/50, id: 15
round 56, starting client 28/50, id: 44
round 56, starting client 29/50, id: 9
round 56, starting client 30/50, id: 24
round 56, starting client 31/50, id: 98
round 56, starting client 32/50, id: 85
round 56, starting client 33/50, id: 70
round 56, starting client 34/50, id: 10
round 56, starting client 35/50, id: 99
round 56, starting client 36/50, id: 31
round 56, starting client 37/50, id: 66
round 56, starting client 38/50, id: 6

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round 56, starting client 39/50, id: 2
round 56, starting client 40/50, id: 28
round 56, starting client 41/50, id: 65
round 56, starting client 42/50, id: 72
round 56, starting client 43/50, id: 46
round 56, starting client 44/50, id: 48
round 56, starting client 45/50, id: 74
round 56, starting client 46/50, id: 47
round 56, starting client 47/50, id: 20
round 56, starting client 48/50, id: 3
round 56, starting client 49/50, id: 7
round 56, starting client 50/50, id: 36
round 56, validation acc: 0.987
starting round 57
clients: [85 97 29 68 3 67 51 62 7 93 36 28 18 40 22 71 78 80 15 35 23 43 45
8
5 77 24 39 37 86 59 64 32 66 94 10 54 26 20 42 84 19 92 21 57 48 79 70
52 69]
round 57, starting client 1/50, id: 85
round 57, starting client 2/50, id: 97
round 57, starting client 3/50, id: 29
round 57, starting client 4/50, id: 68
round 57, starting client 5/50, id: 3
round 57, starting client 6/50, id: 67
round 57, starting client 7/50, id: 51
round 57, starting client 8/50, id: 62
round 57, starting client 9/50, id: 7
round 57, starting client 10/50, id: 93
round 57, starting client 11/50, id: 36
round 57, starting client 12/50, id: 28
round 57, starting client 13/50, id: 18
round 57, starting client 14/50, id: 40
round 57, starting client 15/50, id: 22
round 57, starting client 16/50, id: 71
round 57, starting client 17/50, id: 78
round 57, starting client 18/50, id: 80
round 57, starting client 19/50, id: 15
round 57, starting client 20/50, id: 35
round 57, starting client 21/50, id: 23
round 57, starting client 22/50, id: 43
round 57, starting client 23/50, id: 45
round 57, starting client 24/50, id: 8
round 57, starting client 25/50, id: 5
round 57, starting client 26/50, id: 77
round 57, starting client 27/50, id: 24
round 57, starting client 28/50, id: 39
round 57, starting client 29/50, id: 37
round 57, starting client 30/50, id: 86

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round 57, starting client 31/50, id: 59
round 57, starting client 32/50, id: 64
round 57, starting client 33/50, id: 32
round 57, starting client 34/50, id: 66
round 57, starting client 35/50, id: 94
round 57, starting client 36/50, id: 10
round 57, starting client 37/50, id: 54
round 57, starting client 38/50, id: 26
round 57, starting client 39/50, id: 20
round 57, starting client 40/50, id: 42
round 57, starting client 41/50, id: 84
round 57, starting client 42/50, id: 19
round 57, starting client 43/50, id: 92
round 57, starting client 44/50, id: 21
round 57, starting client 45/50, id: 57
round 57, starting client 46/50, id: 48
round 57, starting client 47/50, id: 79
round 57, starting client 48/50, id: 70
round 57, starting client 49/50, id: 52
round 57, starting client 50/50, id: 69
round 57, validation acc: 0.9875
starting round 58
clients: [74 66 3 62 28 25 39 26 76 46 86 7 93 70 96 59 1 92 18 27 60 95 22
29
38 21 56 41 52 72 14 91 37 32 2 35 94 67 89 82 55 69 8 40 15 57 79 63
54 61]
round 58, starting client 1/50, id: 74
round 58, starting client 2/50, id: 66
round 58, starting client 3/50, id: 3
round 58, starting client 4/50, id: 62
round 58, starting client 5/50, id: 28
round 58, starting client 6/50, id: 25
round 58, starting client 7/50, id: 39
round 58, starting client 8/50, id: 26
round 58, starting client 9/50, id: 76
round 58, starting client 10/50, id: 46
round 58, starting client 11/50, id: 86
round 58, starting client 12/50, id: 7
round 58, starting client 13/50, id: 93
round 58, starting client 14/50, id: 70
round 58, starting client 15/50, id: 96
round 58, starting client 16/50, id: 59
round 58, starting client 17/50, id: 1
round 58, starting client 18/50, id: 92
round 58, starting client 19/50, id: 18
round 58, starting client 20/50, id: 27
round 58, starting client 21/50, id: 60
round 58, starting client 22/50, id: 95

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round 58, starting client 23/50, id: 22
round 58, starting client 24/50, id: 29
round 58, starting client 25/50, id: 38
round 58, starting client 26/50, id: 21
round 58, starting client 27/50, id: 56
round 58, starting client 28/50, id: 41
round 58, starting client 29/50, id: 52
round 58, starting client 30/50, id: 72
round 58, starting client 31/50, id: 14
round 58, starting client 32/50, id: 91
round 58, starting client 33/50, id: 37
round 58, starting client 34/50, id: 32
round 58, starting client 35/50, id: 2
round 58, starting client 36/50, id: 35
round 58, starting client 37/50, id: 94
round 58, starting client 38/50, id: 67
round 58, starting client 39/50, id: 89
round 58, starting client 40/50, id: 82
round 58, starting client 41/50, id: 55
round 58, starting client 42/50, id: 69
round 58, starting client 43/50, id: 8
round 58, starting client 44/50, id: 40
round 58, starting client 45/50, id: 15
round 58, starting client 46/50, id: 57
round 58, starting client 47/50, id: 79
round 58, starting client 48/50, id: 63
round 58, starting client 49/50, id: 54
round 58, starting client 50/50, id: 61
round 58, validation acc: 0.9872
starting round 59
clients: [ 9 36 5 98 90 31 48 13 2 51 24 22 46 20 15 65 1 42 84 11 68 88 19
35
52 21 85 81 89 86 73 64 41 50 72 23 99 56 79 18 70 96 30 66 54 57 83 10
77 4]
round 59, starting client 1/50, id: 9
round 59, starting client 2/50, id: 36
round 59, starting client 3/50, id: 5
round 59, starting client 4/50, id: 98
round 59, starting client 5/50, id: 90
round 59, starting client 6/50, id: 31
round 59, starting client 7/50, id: 48
round 59, starting client 8/50, id: 13
round 59, starting client 9/50, id: 2
round 59, starting client 10/50, id: 51
round 59, starting client 11/50, id: 24
round 59, starting client 12/50, id: 22
round 59, starting client 13/50, id: 46
round 59, starting client 14/50, id: 20

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round 59, starting client 15/50, id: 15
round 59, starting client 16/50, id: 65
round 59, starting client 17/50, id: 1
round 59, starting client 18/50, id: 42
round 59, starting client 19/50, id: 84
round 59, starting client 20/50, id: 11
round 59, starting client 21/50, id: 68
round 59, starting client 22/50, id: 88
round 59, starting client 23/50, id: 19
round 59, starting client 24/50, id: 35
round 59, starting client 25/50, id: 52
round 59, starting client 26/50, id: 21
round 59, starting client 27/50, id: 85
round 59, starting client 28/50, id: 81
round 59, starting client 29/50, id: 89
round 59, starting client 30/50, id: 86
round 59, starting client 31/50, id: 73
round 59, starting client 32/50, id: 64
round 59, starting client 33/50, id: 41
round 59, starting client 34/50, id: 50
round 59, starting client 35/50, id: 72
round 59, starting client 36/50, id: 23
round 59, starting client 37/50, id: 99
round 59, starting client 38/50, id: 56
round 59, starting client 39/50, id: 79
round 59, starting client 40/50, id: 18
round 59, starting client 41/50, id: 70
round 59, starting client 42/50, id: 96
round 59, starting client 43/50, id: 30
round 59, starting client 44/50, id: 66
round 59, starting client 45/50, id: 54
round 59, starting client 46/50, id: 57
round 59, starting client 47/50, id: 83
round 59, starting client 48/50, id: 10
round 59, starting client 49/50, id: 77
round 59, starting client 50/50, id: 4
round 59, validation acc: 0.9871
starting round 60
clients: [50 29 5 26 78 40 54 49 90 34 94 91 57 63 98 25 86 71 83 80 66 68 39
60
64 4 37 31 47 28 58 43 32 15 48 55 99 95 13 77 53 62 76 6 11 51 65 8
22 20]
round 60, starting client 1/50, id: 50
round 60, starting client 2/50, id: 29
round 60, starting client 3/50, id: 5
round 60, starting client 4/50, id: 26
round 60, starting client 5/50, id: 78
round 60, starting client 6/50, id: 40

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round 60, starting client 7/50, id: 54
round 60, starting client 8/50, id: 49
round 60, starting client 9/50, id: 90
round 60, starting client 10/50, id: 34
round 60, starting client 11/50, id: 94
round 60, starting client 12/50, id: 91
round 60, starting client 13/50, id: 57
round 60, starting client 14/50, id: 63
round 60, starting client 15/50, id: 98
round 60, starting client 16/50, id: 25
round 60, starting client 17/50, id: 86
round 60, starting client 18/50, id: 71
round 60, starting client 19/50, id: 83
round 60, starting client 20/50, id: 80
round 60, starting client 21/50, id: 66
round 60, starting client 22/50, id: 68
round 60, starting client 23/50, id: 39
round 60, starting client 24/50, id: 60
round 60, starting client 25/50, id: 64
round 60, starting client 26/50, id: 4
round 60, starting client 27/50, id: 37
round 60, starting client 28/50, id: 31
round 60, starting client 29/50, id: 47
round 60, starting client 30/50, id: 28
round 60, starting client 31/50, id: 58
round 60, starting client 32/50, id: 43
round 60, starting client 33/50, id: 32
round 60, starting client 34/50, id: 15
round 60, starting client 35/50, id: 48
round 60, starting client 36/50, id: 55
round 60, starting client 37/50, id: 99
round 60, starting client 38/50, id: 95
round 60, starting client 39/50, id: 13
round 60, starting client 40/50, id: 77
round 60, starting client 41/50, id: 53
round 60, starting client 42/50, id: 62
round 60, starting client 43/50, id: 76
round 60, starting client 44/50, id: 6
round 60, starting client 45/50, id: 11
round 60, starting client 46/50, id: 51
round 60, starting client 47/50, id: 65
round 60, starting client 48/50, id: 8
round 60, starting client 49/50, id: 22
round 60, starting client 50/50, id: 20
round 60, validation acc: 0.9875
starting round 61
clients: [ 6 78 32 89 25 2 73 3 88 81 13 35 20 9 98 64 53 72 14 67 93 79 26
59

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10 75 28 37 95 55 44 38 90 57 36 15 7 50 46 74 19 39 61 86 17 23 69 42
 77 99]

round 61, starting client 1/50, id: 6
 round 61, starting client 2/50, id: 78
 round 61, starting client 3/50, id: 32
 round 61, starting client 4/50, id: 89
 round 61, starting client 5/50, id: 25
 round 61, starting client 6/50, id: 2
 round 61, starting client 7/50, id: 73
 round 61, starting client 8/50, id: 3
 round 61, starting client 9/50, id: 88
 round 61, starting client 10/50, id: 81
 round 61, starting client 11/50, id: 13
 round 61, starting client 12/50, id: 35
 round 61, starting client 13/50, id: 20
 round 61, starting client 14/50, id: 9
 round 61, starting client 15/50, id: 98
 round 61, starting client 16/50, id: 64
 round 61, starting client 17/50, id: 53
 round 61, starting client 18/50, id: 72
 round 61, starting client 19/50, id: 14
 round 61, starting client 20/50, id: 67
 round 61, starting client 21/50, id: 93
 round 61, starting client 22/50, id: 79
 round 61, starting client 23/50, id: 26
 round 61, starting client 24/50, id: 59
 round 61, starting client 25/50, id: 10
 round 61, starting client 26/50, id: 75
 round 61, starting client 27/50, id: 28
 round 61, starting client 28/50, id: 37
 round 61, starting client 29/50, id: 95
 round 61, starting client 30/50, id: 55
 round 61, starting client 31/50, id: 44
 round 61, starting client 32/50, id: 38
 round 61, starting client 33/50, id: 90
 round 61, starting client 34/50, id: 57
 round 61, starting client 35/50, id: 36
 round 61, starting client 36/50, id: 15
 round 61, starting client 37/50, id: 7
 round 61, starting client 38/50, id: 50
 round 61, starting client 39/50, id: 46
 round 61, starting client 40/50, id: 74
 round 61, starting client 41/50, id: 19
 round 61, starting client 42/50, id: 39
 round 61, starting client 43/50, id: 61
 round 61, starting client 44/50, id: 86
 round 61, starting client 45/50, id: 17
 round 61, starting client 46/50, id: 23

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round 61, starting client 47/50, id: 69
round 61, starting client 48/50, id: 42
round 61, starting client 49/50, id: 77
round 61, starting client 50/50, id: 99
round 61, validation acc: 0.9874
starting round 62
clients: [93 33 55 61 38 86 41 46 17 50 69 14 6 30 36 45 52 76 67 56 53 5 64
91
78 20 7 27 10 92 0 70 85 87 25 89 21 16 60 75 77 3 62 44 74 8 83 18
19 1]
round 62, starting client 1/50, id: 93
round 62, starting client 2/50, id: 33
round 62, starting client 3/50, id: 55
round 62, starting client 4/50, id: 61
round 62, starting client 5/50, id: 38
round 62, starting client 6/50, id: 86
round 62, starting client 7/50, id: 41
round 62, starting client 8/50, id: 46
round 62, starting client 9/50, id: 17
round 62, starting client 10/50, id: 50
round 62, starting client 11/50, id: 69
round 62, starting client 12/50, id: 14
round 62, starting client 13/50, id: 6
round 62, starting client 14/50, id: 30
round 62, starting client 15/50, id: 36
round 62, starting client 16/50, id: 45
round 62, starting client 17/50, id: 52
round 62, starting client 18/50, id: 76
round 62, starting client 19/50, id: 67
round 62, starting client 20/50, id: 56
round 62, starting client 21/50, id: 53
round 62, starting client 22/50, id: 5
round 62, starting client 23/50, id: 64
round 62, starting client 24/50, id: 91
round 62, starting client 25/50, id: 78
round 62, starting client 26/50, id: 20
round 62, starting client 27/50, id: 7
round 62, starting client 28/50, id: 27
round 62, starting client 29/50, id: 10
round 62, starting client 30/50, id: 92
round 62, starting client 31/50, id: 0
round 62, starting client 32/50, id: 70
round 62, starting client 33/50, id: 85
round 62, starting client 34/50, id: 87
round 62, starting client 35/50, id: 25
round 62, starting client 36/50, id: 89
round 62, starting client 37/50, id: 21
round 62, starting client 38/50, id: 16

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round 62, starting client 39/50, id: 60
round 62, starting client 40/50, id: 75
round 62, starting client 41/50, id: 77
round 62, starting client 42/50, id: 3
round 62, starting client 43/50, id: 62
round 62, starting client 44/50, id: 44
round 62, starting client 45/50, id: 74
round 62, starting client 46/50, id: 8
round 62, starting client 47/50, id: 83
round 62, starting client 48/50, id: 18
round 62, starting client 49/50, id: 19
round 62, starting client 50/50, id: 1
round 62, validation acc: 0.9873
starting round 63
clients: [ 3 68 98 54 91 16 39 41 2 81 14 26 22 75 33 93 70 17 34 23 88 95 9
58
44 24 64 96 8 86 47 85 60 12 92 49 5 32 71 97 99 87 57 52 80 79 10 38
62 45]
round 63, starting client 1/50, id: 3
round 63, starting client 2/50, id: 68
round 63, starting client 3/50, id: 98
round 63, starting client 4/50, id: 54
round 63, starting client 5/50, id: 91
round 63, starting client 6/50, id: 16
round 63, starting client 7/50, id: 39
round 63, starting client 8/50, id: 41
round 63, starting client 9/50, id: 2
round 63, starting client 10/50, id: 81
round 63, starting client 11/50, id: 14
round 63, starting client 12/50, id: 26
round 63, starting client 13/50, id: 22
round 63, starting client 14/50, id: 75
round 63, starting client 15/50, id: 33
round 63, starting client 16/50, id: 93
round 63, starting client 17/50, id: 70
round 63, starting client 18/50, id: 17
round 63, starting client 19/50, id: 34
round 63, starting client 20/50, id: 23
round 63, starting client 21/50, id: 88
round 63, starting client 22/50, id: 95
round 63, starting client 23/50, id: 9
round 63, starting client 24/50, id: 58
round 63, starting client 25/50, id: 44
round 63, starting client 26/50, id: 24
round 63, starting client 27/50, id: 64
round 63, starting client 28/50, id: 96
round 63, starting client 29/50, id: 8
round 63, starting client 30/50, id: 86

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round 63, starting client 31/50, id: 47
round 63, starting client 32/50, id: 85
round 63, starting client 33/50, id: 60
round 63, starting client 34/50, id: 12
round 63, starting client 35/50, id: 92
round 63, starting client 36/50, id: 49
round 63, starting client 37/50, id: 5
round 63, starting client 38/50, id: 32
round 63, starting client 39/50, id: 71
round 63, starting client 40/50, id: 97
round 63, starting client 41/50, id: 99
round 63, starting client 42/50, id: 87
round 63, starting client 43/50, id: 57
round 63, starting client 44/50, id: 52
round 63, starting client 45/50, id: 80
round 63, starting client 46/50, id: 79
round 63, starting client 47/50, id: 10
round 63, starting client 48/50, id: 38
round 63, starting client 49/50, id: 62
round 63, starting client 50/50, id: 45
round 63, validation acc: 0.9878
starting round 64
clients: [43 82 72 14 66 38 22 74 46 39 10 84 76 67 19 77 79 88 78 91 42 34 17
40
87 29 83 11 33 5 16 71 99 69 3 53 97 50 59 31 96 48 24 30 80 25 57 44
55 13]
round 64, starting client 1/50, id: 43
round 64, starting client 2/50, id: 82
round 64, starting client 3/50, id: 72
round 64, starting client 4/50, id: 14
round 64, starting client 5/50, id: 66
round 64, starting client 6/50, id: 38
round 64, starting client 7/50, id: 22
round 64, starting client 8/50, id: 74
round 64, starting client 9/50, id: 46
round 64, starting client 10/50, id: 39
round 64, starting client 11/50, id: 10
round 64, starting client 12/50, id: 84
round 64, starting client 13/50, id: 76
round 64, starting client 14/50, id: 67
round 64, starting client 15/50, id: 19
round 64, starting client 16/50, id: 77
round 64, starting client 17/50, id: 79
round 64, starting client 18/50, id: 88
round 64, starting client 19/50, id: 78
round 64, starting client 20/50, id: 91
round 64, starting client 21/50, id: 42
round 64, starting client 22/50, id: 34

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round 64, starting client 23/50, id: 17
round 64, starting client 24/50, id: 40
round 64, starting client 25/50, id: 87
round 64, starting client 26/50, id: 29
round 64, starting client 27/50, id: 83
round 64, starting client 28/50, id: 11
round 64, starting client 29/50, id: 33
round 64, starting client 30/50, id: 5
round 64, starting client 31/50, id: 16
round 64, starting client 32/50, id: 71
round 64, starting client 33/50, id: 99
round 64, starting client 34/50, id: 69
round 64, starting client 35/50, id: 3
round 64, starting client 36/50, id: 53
round 64, starting client 37/50, id: 97
round 64, starting client 38/50, id: 50
round 64, starting client 39/50, id: 59
round 64, starting client 40/50, id: 31
round 64, starting client 41/50, id: 96
round 64, starting client 42/50, id: 48
round 64, starting client 43/50, id: 24
round 64, starting client 44/50, id: 30
round 64, starting client 45/50, id: 80
round 64, starting client 46/50, id: 25
round 64, starting client 47/50, id: 57
round 64, starting client 48/50, id: 44
round 64, starting client 49/50, id: 55
round 64, starting client 50/50, id: 13
round 64, validation acc: 0.9878
starting round 65
clients: [32 86 95 30 40 84 25 81 60 68 2 14 6 23 89 90 82 76 97 57 67 7 72
73
41 9 87 91 22 83 21 51 63 64 47 34 31 45 12 8 38 1 65 35 17 24 79 42
66 74]
round 65, starting client 1/50, id: 32
round 65, starting client 2/50, id: 86
round 65, starting client 3/50, id: 95
round 65, starting client 4/50, id: 30
round 65, starting client 5/50, id: 40
round 65, starting client 6/50, id: 84
round 65, starting client 7/50, id: 25
round 65, starting client 8/50, id: 81
round 65, starting client 9/50, id: 60
round 65, starting client 10/50, id: 68
round 65, starting client 11/50, id: 2
round 65, starting client 12/50, id: 14
round 65, starting client 13/50, id: 6
round 65, starting client 14/50, id: 23

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round 65, starting client 15/50, id: 89
round 65, starting client 16/50, id: 90
round 65, starting client 17/50, id: 82
round 65, starting client 18/50, id: 76
round 65, starting client 19/50, id: 97
round 65, starting client 20/50, id: 57
round 65, starting client 21/50, id: 67
round 65, starting client 22/50, id: 7
round 65, starting client 23/50, id: 72
round 65, starting client 24/50, id: 73
round 65, starting client 25/50, id: 41
round 65, starting client 26/50, id: 9
round 65, starting client 27/50, id: 87
round 65, starting client 28/50, id: 91
round 65, starting client 29/50, id: 22
round 65, starting client 30/50, id: 83
round 65, starting client 31/50, id: 21
round 65, starting client 32/50, id: 51
round 65, starting client 33/50, id: 63
round 65, starting client 34/50, id: 64
round 65, starting client 35/50, id: 47
round 65, starting client 36/50, id: 34
round 65, starting client 37/50, id: 31
round 65, starting client 38/50, id: 45
round 65, starting client 39/50, id: 12
round 65, starting client 40/50, id: 8
round 65, starting client 41/50, id: 38
round 65, starting client 42/50, id: 1
round 65, starting client 43/50, id: 65
round 65, starting client 44/50, id: 35
round 65, starting client 45/50, id: 17
round 65, starting client 46/50, id: 24
round 65, starting client 47/50, id: 79
round 65, starting client 48/50, id: 42
round 65, starting client 49/50, id: 66
round 65, starting client 50/50, id: 74
round 65, validation acc: 0.9878
starting round 66
clients: [43 69 22 70 16 31 83 92 76 42 81 90 71 39 8 15 84 28 57 91 29 30 87
97
17 12 51 47 88 80 13 75 94 78 86 79 33 0 10 61 1 82 98 77 44 55 50 46
64 62]
round 66, starting client 1/50, id: 43
round 66, starting client 2/50, id: 69
round 66, starting client 3/50, id: 22
round 66, starting client 4/50, id: 70
round 66, starting client 5/50, id: 16
round 66, starting client 6/50, id: 31

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round 66, starting client 7/50, id: 83
round 66, starting client 8/50, id: 92
round 66, starting client 9/50, id: 76
round 66, starting client 10/50, id: 42
round 66, starting client 11/50, id: 81
round 66, starting client 12/50, id: 90
round 66, starting client 13/50, id: 71
round 66, starting client 14/50, id: 39
round 66, starting client 15/50, id: 8
round 66, starting client 16/50, id: 15
round 66, starting client 17/50, id: 84
round 66, starting client 18/50, id: 28
round 66, starting client 19/50, id: 57
round 66, starting client 20/50, id: 91
round 66, starting client 21/50, id: 29
round 66, starting client 22/50, id: 30
round 66, starting client 23/50, id: 87
round 66, starting client 24/50, id: 97
round 66, starting client 25/50, id: 17
round 66, starting client 26/50, id: 12
round 66, starting client 27/50, id: 51
round 66, starting client 28/50, id: 47
round 66, starting client 29/50, id: 88
round 66, starting client 30/50, id: 80
round 66, starting client 31/50, id: 13
round 66, starting client 32/50, id: 75
round 66, starting client 33/50, id: 94
round 66, starting client 34/50, id: 78
round 66, starting client 35/50, id: 86
round 66, starting client 36/50, id: 79
round 66, starting client 37/50, id: 33
round 66, starting client 38/50, id: 0
round 66, starting client 39/50, id: 10
round 66, starting client 40/50, id: 61
round 66, starting client 41/50, id: 1
round 66, starting client 42/50, id: 82
round 66, starting client 43/50, id: 98
round 66, starting client 44/50, id: 77
round 66, starting client 45/50, id: 44
round 66, starting client 46/50, id: 55
round 66, starting client 47/50, id: 50
round 66, starting client 48/50, id: 46
round 66, starting client 49/50, id: 64
round 66, starting client 50/50, id: 62
round 66, validation acc: 0.9877
starting round 67
clients: [63 24 11 73 25 62 10 48 53 47 26 15 75 34 95 22 1 18 97 61 83 90 81
40

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86 16 57 71 93 80 37 74 96 49 69 12 78 50 3 33 94 35 19 77 67 84 44 43
70 89]

round 67, starting client 1/50, id: 63
round 67, starting client 2/50, id: 24
round 67, starting client 3/50, id: 11
round 67, starting client 4/50, id: 73
round 67, starting client 5/50, id: 25
round 67, starting client 6/50, id: 62
round 67, starting client 7/50, id: 10
round 67, starting client 8/50, id: 48
round 67, starting client 9/50, id: 53
round 67, starting client 10/50, id: 47
round 67, starting client 11/50, id: 26
round 67, starting client 12/50, id: 15
round 67, starting client 13/50, id: 75
round 67, starting client 14/50, id: 34
round 67, starting client 15/50, id: 95
round 67, starting client 16/50, id: 22
round 67, starting client 17/50, id: 1
round 67, starting client 18/50, id: 18
round 67, starting client 19/50, id: 97
round 67, starting client 20/50, id: 61
round 67, starting client 21/50, id: 83
round 67, starting client 22/50, id: 90
round 67, starting client 23/50, id: 81
round 67, starting client 24/50, id: 40
round 67, starting client 25/50, id: 86
round 67, starting client 26/50, id: 16
round 67, starting client 27/50, id: 57
round 67, starting client 28/50, id: 71
round 67, starting client 29/50, id: 93
round 67, starting client 30/50, id: 80
round 67, starting client 31/50, id: 37
round 67, starting client 32/50, id: 74
round 67, starting client 33/50, id: 96
round 67, starting client 34/50, id: 49
round 67, starting client 35/50, id: 69
round 67, starting client 36/50, id: 12
round 67, starting client 37/50, id: 78
round 67, starting client 38/50, id: 50
round 67, starting client 39/50, id: 3
round 67, starting client 40/50, id: 33
round 67, starting client 41/50, id: 94
round 67, starting client 42/50, id: 35
round 67, starting client 43/50, id: 19
round 67, starting client 44/50, id: 77
round 67, starting client 45/50, id: 67
round 67, starting client 46/50, id: 84

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round 67, starting client 47/50, id: 44
round 67, starting client 48/50, id: 43
round 67, starting client 49/50, id: 70
round 67, starting client 50/50, id: 89
round 67, validation acc: 0.9877
starting round 68
clients: [81 0 7 20 19 70 53 23 37 35 39 80 68 14 51 87 69 75 63 98 61 84 89
46
26 76 13 15 90 78 41 40 92 96 83 44 9 57 33 18 62 86 1 22 85 25 42 29
24 27]
round 68, starting client 1/50, id: 81
round 68, starting client 2/50, id: 0
round 68, starting client 3/50, id: 7
round 68, starting client 4/50, id: 20
round 68, starting client 5/50, id: 19
round 68, starting client 6/50, id: 70
round 68, starting client 7/50, id: 53
round 68, starting client 8/50, id: 23
round 68, starting client 9/50, id: 37
round 68, starting client 10/50, id: 35
round 68, starting client 11/50, id: 39
round 68, starting client 12/50, id: 80
round 68, starting client 13/50, id: 68
round 68, starting client 14/50, id: 14
round 68, starting client 15/50, id: 51
round 68, starting client 16/50, id: 87
round 68, starting client 17/50, id: 69
round 68, starting client 18/50, id: 75
round 68, starting client 19/50, id: 63
round 68, starting client 20/50, id: 98
round 68, starting client 21/50, id: 61
round 68, starting client 22/50, id: 84
round 68, starting client 23/50, id: 89
round 68, starting client 24/50, id: 46
round 68, starting client 25/50, id: 26
round 68, starting client 26/50, id: 76
round 68, starting client 27/50, id: 13
round 68, starting client 28/50, id: 15
round 68, starting client 29/50, id: 90
round 68, starting client 30/50, id: 78
round 68, starting client 31/50, id: 41
round 68, starting client 32/50, id: 40
round 68, starting client 33/50, id: 92
round 68, starting client 34/50, id: 96
round 68, starting client 35/50, id: 83
round 68, starting client 36/50, id: 44
round 68, starting client 37/50, id: 9
round 68, starting client 38/50, id: 57

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round 68, starting client 39/50, id: 33
round 68, starting client 40/50, id: 18
round 68, starting client 41/50, id: 62
round 68, starting client 42/50, id: 86
round 68, starting client 43/50, id: 1
round 68, starting client 44/50, id: 22
round 68, starting client 45/50, id: 85
round 68, starting client 46/50, id: 25
round 68, starting client 47/50, id: 42
round 68, starting client 48/50, id: 29
round 68, starting client 49/50, id: 24
round 68, starting client 50/50, id: 27
round 68, validation acc: 0.9877
starting round 69
clients:  [ 7 25 51  0 55 50 90 93 12 37 71 41 79 62 47 73 20  9 82 57 87 84 48
32
 95 44 23 70 45 63 75 13 99 60 26 10 94 30 89 91 52 22 77  2 38 36 27 35
96 85]
round 69, starting client 1/50, id: 7
round 69, starting client 2/50, id: 25
round 69, starting client 3/50, id: 51
round 69, starting client 4/50, id: 0
round 69, starting client 5/50, id: 55
round 69, starting client 6/50, id: 50
round 69, starting client 7/50, id: 90
round 69, starting client 8/50, id: 93
round 69, starting client 9/50, id: 12
round 69, starting client 10/50, id: 37
round 69, starting client 11/50, id: 71
round 69, starting client 12/50, id: 41
round 69, starting client 13/50, id: 79
round 69, starting client 14/50, id: 62
round 69, starting client 15/50, id: 47
round 69, starting client 16/50, id: 73
round 69, starting client 17/50, id: 20
round 69, starting client 18/50, id: 9
round 69, starting client 19/50, id: 82
round 69, starting client 20/50, id: 57
round 69, starting client 21/50, id: 87
round 69, starting client 22/50, id: 84
round 69, starting client 23/50, id: 48
round 69, starting client 24/50, id: 32
round 69, starting client 25/50, id: 95
round 69, starting client 26/50, id: 44
round 69, starting client 27/50, id: 23
round 69, starting client 28/50, id: 70
round 69, starting client 29/50, id: 45
round 69, starting client 30/50, id: 63

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round 69, starting client 31/50, id: 75
round 69, starting client 32/50, id: 13
round 69, starting client 33/50, id: 99
round 69, starting client 34/50, id: 60
round 69, starting client 35/50, id: 26
round 69, starting client 36/50, id: 10
round 69, starting client 37/50, id: 94
round 69, starting client 38/50, id: 30
round 69, starting client 39/50, id: 89
round 69, starting client 40/50, id: 91
round 69, starting client 41/50, id: 52
round 69, starting client 42/50, id: 22
round 69, starting client 43/50, id: 77
round 69, starting client 44/50, id: 2
round 69, starting client 45/50, id: 38
round 69, starting client 46/50, id: 36
round 69, starting client 47/50, id: 27
round 69, starting client 48/50, id: 35
round 69, starting client 49/50, id: 96
round 69, starting client 50/50, id: 85
round 69, validation acc: 0.9876
starting round 70
clients: [83 35 98 84 0 3 50 12 86 27 39 47 89 31 18 22 10 17 95 88 76 59 49
11
7 46 25 63 21 61 68 1 53 97 64 65 56 69 30 70 62 96 20 8 14 93 90 57
28 13]
round 70, starting client 1/50, id: 83
round 70, starting client 2/50, id: 35
round 70, starting client 3/50, id: 98
round 70, starting client 4/50, id: 84
round 70, starting client 5/50, id: 0
round 70, starting client 6/50, id: 3
round 70, starting client 7/50, id: 50
round 70, starting client 8/50, id: 12
round 70, starting client 9/50, id: 86
round 70, starting client 10/50, id: 27
round 70, starting client 11/50, id: 39
round 70, starting client 12/50, id: 47
round 70, starting client 13/50, id: 89
round 70, starting client 14/50, id: 31
round 70, starting client 15/50, id: 18
round 70, starting client 16/50, id: 22
round 70, starting client 17/50, id: 10
round 70, starting client 18/50, id: 17
round 70, starting client 19/50, id: 95
round 70, starting client 20/50, id: 88
round 70, starting client 21/50, id: 76
round 70, starting client 22/50, id: 59

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round 70, starting client 23/50, id: 49
round 70, starting client 24/50, id: 11
round 70, starting client 25/50, id: 7
round 70, starting client 26/50, id: 46
round 70, starting client 27/50, id: 25
round 70, starting client 28/50, id: 63
round 70, starting client 29/50, id: 21
round 70, starting client 30/50, id: 61
round 70, starting client 31/50, id: 68
round 70, starting client 32/50, id: 1
round 70, starting client 33/50, id: 53
round 70, starting client 34/50, id: 97
round 70, starting client 35/50, id: 64
round 70, starting client 36/50, id: 65
round 70, starting client 37/50, id: 56
round 70, starting client 38/50, id: 69
round 70, starting client 39/50, id: 30
round 70, starting client 40/50, id: 70
round 70, starting client 41/50, id: 62
round 70, starting client 42/50, id: 96
round 70, starting client 43/50, id: 20
round 70, starting client 44/50, id: 8
round 70, starting client 45/50, id: 14
round 70, starting client 46/50, id: 93
round 70, starting client 47/50, id: 90
round 70, starting client 48/50, id: 57
round 70, starting client 49/50, id: 28
round 70, starting client 50/50, id: 13
round 70, validation acc: 0.988
starting round 71
clients: [60 91 51 49 63 80 75 81 79 7 4 40 48 3 33 53 44 34 36 8 12 28 98
74
21 68 97 37 90 87 38 71 39 96 16 66 13 42 94 67 29 25 99 62 24 73 77 76
50 31]
round 71, starting client 1/50, id: 60
round 71, starting client 2/50, id: 91
round 71, starting client 3/50, id: 51
round 71, starting client 4/50, id: 49
round 71, starting client 5/50, id: 63
round 71, starting client 6/50, id: 80
round 71, starting client 7/50, id: 75
round 71, starting client 8/50, id: 81
round 71, starting client 9/50, id: 79
round 71, starting client 10/50, id: 7
round 71, starting client 11/50, id: 4
round 71, starting client 12/50, id: 40
round 71, starting client 13/50, id: 48
round 71, starting client 14/50, id: 3

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round 71, starting client 15/50, id: 33
round 71, starting client 16/50, id: 53
round 71, starting client 17/50, id: 44
round 71, starting client 18/50, id: 34
round 71, starting client 19/50, id: 36
round 71, starting client 20/50, id: 8
round 71, starting client 21/50, id: 12
round 71, starting client 22/50, id: 28
round 71, starting client 23/50, id: 98
round 71, starting client 24/50, id: 74
round 71, starting client 25/50, id: 21
round 71, starting client 26/50, id: 68
round 71, starting client 27/50, id: 97
round 71, starting client 28/50, id: 37
round 71, starting client 29/50, id: 90
round 71, starting client 30/50, id: 87
round 71, starting client 31/50, id: 38
round 71, starting client 32/50, id: 71
round 71, starting client 33/50, id: 39
round 71, starting client 34/50, id: 96
round 71, starting client 35/50, id: 16
round 71, starting client 36/50, id: 66
round 71, starting client 37/50, id: 13
round 71, starting client 38/50, id: 42
round 71, starting client 39/50, id: 94
round 71, starting client 40/50, id: 67
round 71, starting client 41/50, id: 29
round 71, starting client 42/50, id: 25
round 71, starting client 43/50, id: 99
round 71, starting client 44/50, id: 62
round 71, starting client 45/50, id: 24
round 71, starting client 46/50, id: 73
round 71, starting client 47/50, id: 77
round 71, starting client 48/50, id: 76
round 71, starting client 49/50, id: 50
round 71, starting client 50/50, id: 31
round 71, validation acc: 0.9881
starting round 72
clients: [52 3 27 10 74 39 38 8 25 0 5 95 45 24 35 36 60 85 68 29 77 2 34
1
67 99 44 57 69 15 66 91 88 33 71 82 16 96 49 18 90 83 86 56 79 78 31 41
81 53]
round 72, starting client 1/50, id: 52
round 72, starting client 2/50, id: 3
round 72, starting client 3/50, id: 27
round 72, starting client 4/50, id: 10
round 72, starting client 5/50, id: 74
round 72, starting client 6/50, id: 39

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round 72, starting client 7/50, id: 38
round 72, starting client 8/50, id: 8
round 72, starting client 9/50, id: 25
round 72, starting client 10/50, id: 0
round 72, starting client 11/50, id: 5
round 72, starting client 12/50, id: 95
round 72, starting client 13/50, id: 45
round 72, starting client 14/50, id: 24
round 72, starting client 15/50, id: 35
round 72, starting client 16/50, id: 36
round 72, starting client 17/50, id: 60
round 72, starting client 18/50, id: 85
round 72, starting client 19/50, id: 68
round 72, starting client 20/50, id: 29
round 72, starting client 21/50, id: 77
round 72, starting client 22/50, id: 2
round 72, starting client 23/50, id: 34
round 72, starting client 24/50, id: 1
round 72, starting client 25/50, id: 67
round 72, starting client 26/50, id: 99
round 72, starting client 27/50, id: 44
round 72, starting client 28/50, id: 57
round 72, starting client 29/50, id: 69
round 72, starting client 30/50, id: 15
round 72, starting client 31/50, id: 66
round 72, starting client 32/50, id: 91
round 72, starting client 33/50, id: 88
round 72, starting client 34/50, id: 33
round 72, starting client 35/50, id: 71
round 72, starting client 36/50, id: 82
round 72, starting client 37/50, id: 16
round 72, starting client 38/50, id: 96
round 72, starting client 39/50, id: 49
round 72, starting client 40/50, id: 18
round 72, starting client 41/50, id: 90
round 72, starting client 42/50, id: 83
round 72, starting client 43/50, id: 86
round 72, starting client 44/50, id: 56
round 72, starting client 45/50, id: 79
round 72, starting client 46/50, id: 78
round 72, starting client 47/50, id: 31
round 72, starting client 48/50, id: 41
round 72, starting client 49/50, id: 81
round 72, starting client 50/50, id: 53
round 72, validation acc: 0.9881
starting round 73
clients: [75 34 0 9 45 77 66 23 36 81 27 1 55 86 41 46 39 60 67 2 80 74 58
3

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33 42 18 20 73 51 49 29 24 8 10 47 87 43 84 65 85 17 57 83 82 76 12 32
53 97]

round 73, starting client 1/50, id: 75
round 73, starting client 2/50, id: 34
round 73, starting client 3/50, id: 0
round 73, starting client 4/50, id: 9
round 73, starting client 5/50, id: 45
round 73, starting client 6/50, id: 77
round 73, starting client 7/50, id: 66
round 73, starting client 8/50, id: 23
round 73, starting client 9/50, id: 36
round 73, starting client 10/50, id: 81
round 73, starting client 11/50, id: 27
round 73, starting client 12/50, id: 1
round 73, starting client 13/50, id: 55
round 73, starting client 14/50, id: 86
round 73, starting client 15/50, id: 41
round 73, starting client 16/50, id: 46
round 73, starting client 17/50, id: 39
round 73, starting client 18/50, id: 60
round 73, starting client 19/50, id: 67
round 73, starting client 20/50, id: 2
round 73, starting client 21/50, id: 80
round 73, starting client 22/50, id: 74
round 73, starting client 23/50, id: 58
round 73, starting client 24/50, id: 3
round 73, starting client 25/50, id: 33
round 73, starting client 26/50, id: 42
round 73, starting client 27/50, id: 18
round 73, starting client 28/50, id: 20
round 73, starting client 29/50, id: 73
round 73, starting client 30/50, id: 51
round 73, starting client 31/50, id: 49
round 73, starting client 32/50, id: 29
round 73, starting client 33/50, id: 24
round 73, starting client 34/50, id: 8
round 73, starting client 35/50, id: 10
round 73, starting client 36/50, id: 47
round 73, starting client 37/50, id: 87
round 73, starting client 38/50, id: 43
round 73, starting client 39/50, id: 84
round 73, starting client 40/50, id: 65
round 73, starting client 41/50, id: 85
round 73, starting client 42/50, id: 17
round 73, starting client 43/50, id: 57
round 73, starting client 44/50, id: 83
round 73, starting client 45/50, id: 82
round 73, starting client 46/50, id: 76

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round 73, starting client 47/50, id: 12
round 73, starting client 48/50, id: 32
round 73, starting client 49/50, id: 53
round 73, starting client 50/50, id: 97
round 73, validation acc: 0.9887
starting round 74
clients: [51 24 71 29 52 66 99 57 13 86  3 92 20 70 18 40 32 34 89  5 28 98 23
19
 45 59  6 30 49  7 78 81 38 35 31 76 84 36 74 47 41 42 83  0 12 87 17 63
68 22]
round 74, starting client 1/50, id: 51
round 74, starting client 2/50, id: 24
round 74, starting client 3/50, id: 71
round 74, starting client 4/50, id: 29
round 74, starting client 5/50, id: 52
round 74, starting client 6/50, id: 66
round 74, starting client 7/50, id: 99
round 74, starting client 8/50, id: 57
round 74, starting client 9/50, id: 13
round 74, starting client 10/50, id: 86
round 74, starting client 11/50, id: 3
round 74, starting client 12/50, id: 92
round 74, starting client 13/50, id: 20
round 74, starting client 14/50, id: 70
round 74, starting client 15/50, id: 18
round 74, starting client 16/50, id: 40
round 74, starting client 17/50, id: 32
round 74, starting client 18/50, id: 34
round 74, starting client 19/50, id: 89
round 74, starting client 20/50, id: 5
round 74, starting client 21/50, id: 28
round 74, starting client 22/50, id: 98
round 74, starting client 23/50, id: 23
round 74, starting client 24/50, id: 19
round 74, starting client 25/50, id: 45
round 74, starting client 26/50, id: 59
round 74, starting client 27/50, id: 6
round 74, starting client 28/50, id: 30
round 74, starting client 29/50, id: 49
round 74, starting client 30/50, id: 7
round 74, starting client 31/50, id: 78
round 74, starting client 32/50, id: 81
round 74, starting client 33/50, id: 38
round 74, starting client 34/50, id: 35
round 74, starting client 35/50, id: 31
round 74, starting client 36/50, id: 76
round 74, starting client 37/50, id: 84
round 74, starting client 38/50, id: 36

```

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round 74, starting client 39/50, id: 74
round 74, starting client 40/50, id: 47
round 74, starting client 41/50, id: 41
round 74, starting client 42/50, id: 42
round 74, starting client 43/50, id: 83
round 74, starting client 44/50, id: 0
round 74, starting client 45/50, id: 12
round 74, starting client 46/50, id: 87
round 74, starting client 47/50, id: 17
round 74, starting client 48/50, id: 63
round 74, starting client 49/50, id: 68
round 74, starting client 50/50, id: 22
round 74, validation acc: 0.9885
starting round 75
clients: [31 50 75 47 81 29 69 94 28 83 60 11 68 10 32 88 86 85 61 99 26 7 8
18
38 5 12 98 42 80 79 24 25 44 51 64 33 72 35 55 43 16 96 73 34 30 58 67
97 1]
round 75, starting client 1/50, id: 31
round 75, starting client 2/50, id: 50
round 75, starting client 3/50, id: 75
round 75, starting client 4/50, id: 47
round 75, starting client 5/50, id: 81
round 75, starting client 6/50, id: 29
round 75, starting client 7/50, id: 69
round 75, starting client 8/50, id: 94
round 75, starting client 9/50, id: 28
round 75, starting client 10/50, id: 83
round 75, starting client 11/50, id: 60
round 75, starting client 12/50, id: 11
round 75, starting client 13/50, id: 68
round 75, starting client 14/50, id: 10
round 75, starting client 15/50, id: 32
round 75, starting client 16/50, id: 88
round 75, starting client 17/50, id: 86
round 75, starting client 18/50, id: 85
round 75, starting client 19/50, id: 61
round 75, starting client 20/50, id: 99
round 75, starting client 21/50, id: 26
round 75, starting client 22/50, id: 7
round 75, starting client 23/50, id: 8
round 75, starting client 24/50, id: 18
round 75, starting client 25/50, id: 38
round 75, starting client 26/50, id: 5
round 75, starting client 27/50, id: 12
round 75, starting client 28/50, id: 98
round 75, starting client 29/50, id: 42
round 75, starting client 30/50, id: 80

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round 75, starting client 31/50, id: 79
round 75, starting client 32/50, id: 24
round 75, starting client 33/50, id: 25
round 75, starting client 34/50, id: 44
round 75, starting client 35/50, id: 51
round 75, starting client 36/50, id: 64
round 75, starting client 37/50, id: 33
round 75, starting client 38/50, id: 72
round 75, starting client 39/50, id: 35
round 75, starting client 40/50, id: 55
round 75, starting client 41/50, id: 43
round 75, starting client 42/50, id: 16
round 75, starting client 43/50, id: 96
round 75, starting client 44/50, id: 73
round 75, starting client 45/50, id: 34
round 75, starting client 46/50, id: 30
round 75, starting client 47/50, id: 58
round 75, starting client 48/50, id: 67
round 75, starting client 49/50, id: 97
round 75, starting client 50/50, id: 1
round 75, validation acc: 0.9884
starting round 76
clients: [ 4 70 52 27  5 44 45 14 12 89 24  7 61 49 46 17 74 10 43  9 68 84 71
90
 42 41 63 32 48 64 35  2 62 54  6 22  1 95 13 16 87 51  0 18 83 73 28 15
31 25]
round 76, starting client 1/50, id: 4
round 76, starting client 2/50, id: 70
round 76, starting client 3/50, id: 52
round 76, starting client 4/50, id: 27
round 76, starting client 5/50, id: 5
round 76, starting client 6/50, id: 44
round 76, starting client 7/50, id: 45
round 76, starting client 8/50, id: 14
round 76, starting client 9/50, id: 12
round 76, starting client 10/50, id: 89
round 76, starting client 11/50, id: 24
round 76, starting client 12/50, id: 7
round 76, starting client 13/50, id: 61
round 76, starting client 14/50, id: 49
round 76, starting client 15/50, id: 46
round 76, starting client 16/50, id: 17
round 76, starting client 17/50, id: 74
round 76, starting client 18/50, id: 10
round 76, starting client 19/50, id: 43
round 76, starting client 20/50, id: 9
round 76, starting client 21/50, id: 68
round 76, starting client 22/50, id: 84

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round 76, starting client 23/50, id: 71
round 76, starting client 24/50, id: 90
round 76, starting client 25/50, id: 42
round 76, starting client 26/50, id: 41
round 76, starting client 27/50, id: 63
round 76, starting client 28/50, id: 32
round 76, starting client 29/50, id: 48
round 76, starting client 30/50, id: 64
round 76, starting client 31/50, id: 35
round 76, starting client 32/50, id: 2
round 76, starting client 33/50, id: 62
round 76, starting client 34/50, id: 54
round 76, starting client 35/50, id: 6
round 76, starting client 36/50, id: 22
round 76, starting client 37/50, id: 1
round 76, starting client 38/50, id: 95
round 76, starting client 39/50, id: 13
round 76, starting client 40/50, id: 16
round 76, starting client 41/50, id: 87
round 76, starting client 42/50, id: 51
round 76, starting client 43/50, id: 0
round 76, starting client 44/50, id: 18
round 76, starting client 45/50, id: 83
round 76, starting client 46/50, id: 73
round 76, starting client 47/50, id: 28
round 76, starting client 48/50, id: 15
round 76, starting client 49/50, id: 31
round 76, starting client 50/50, id: 25
round 76, validation acc: 0.9883
starting round 77
clients: [27 85 62 43 13 83 69 64 16 22 25 76 74 58 57 4 33 34 3 18 29 97 93
10
60 46 5 51 52 49 66 89 7 41 75 81 78 86 45 28 90 42 91 9 79 6 20 15
53 59]
round 77, starting client 1/50, id: 27
round 77, starting client 2/50, id: 85
round 77, starting client 3/50, id: 62
round 77, starting client 4/50, id: 43
round 77, starting client 5/50, id: 13
round 77, starting client 6/50, id: 83
round 77, starting client 7/50, id: 69
round 77, starting client 8/50, id: 64
round 77, starting client 9/50, id: 16
round 77, starting client 10/50, id: 22
round 77, starting client 11/50, id: 25
round 77, starting client 12/50, id: 76
round 77, starting client 13/50, id: 74
round 77, starting client 14/50, id: 58

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round 77, starting client 15/50, id: 57
round 77, starting client 16/50, id: 4
round 77, starting client 17/50, id: 33
round 77, starting client 18/50, id: 34
round 77, starting client 19/50, id: 3
round 77, starting client 20/50, id: 18
round 77, starting client 21/50, id: 29
round 77, starting client 22/50, id: 97
round 77, starting client 23/50, id: 93
round 77, starting client 24/50, id: 10
round 77, starting client 25/50, id: 60
round 77, starting client 26/50, id: 46
round 77, starting client 27/50, id: 5
round 77, starting client 28/50, id: 51
round 77, starting client 29/50, id: 52
round 77, starting client 30/50, id: 49
round 77, starting client 31/50, id: 66
round 77, starting client 32/50, id: 89
round 77, starting client 33/50, id: 7
round 77, starting client 34/50, id: 41
round 77, starting client 35/50, id: 75
round 77, starting client 36/50, id: 81
round 77, starting client 37/50, id: 78
round 77, starting client 38/50, id: 86
round 77, starting client 39/50, id: 45
round 77, starting client 40/50, id: 28
round 77, starting client 41/50, id: 90
round 77, starting client 42/50, id: 42
round 77, starting client 43/50, id: 91
round 77, starting client 44/50, id: 9
round 77, starting client 45/50, id: 79
round 77, starting client 46/50, id: 6
round 77, starting client 47/50, id: 20
round 77, starting client 48/50, id: 15
round 77, starting client 49/50, id: 53
round 77, starting client 50/50, id: 59
round 77, validation acc: 0.9886
starting round 78
clients: [45 50 65 58 44 78 34 61 31 87 6 80 8 51 54 32 47 21 37 5 84 17 75
49
30 56 15 85 36 23 53 13 1 38 73 60 96 90 29 14 25 66 93 83 86 64 70 97
57 46]
round 78, starting client 1/50, id: 45
round 78, starting client 2/50, id: 50
round 78, starting client 3/50, id: 65
round 78, starting client 4/50, id: 58
round 78, starting client 5/50, id: 44
round 78, starting client 6/50, id: 78

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round 78, starting client 7/50, id: 34
round 78, starting client 8/50, id: 61
round 78, starting client 9/50, id: 31
round 78, starting client 10/50, id: 87
round 78, starting client 11/50, id: 6
round 78, starting client 12/50, id: 80
round 78, starting client 13/50, id: 8
round 78, starting client 14/50, id: 51
round 78, starting client 15/50, id: 54
round 78, starting client 16/50, id: 32
round 78, starting client 17/50, id: 47
round 78, starting client 18/50, id: 21
round 78, starting client 19/50, id: 37
round 78, starting client 20/50, id: 5
round 78, starting client 21/50, id: 84
round 78, starting client 22/50, id: 17
round 78, starting client 23/50, id: 75
round 78, starting client 24/50, id: 49
round 78, starting client 25/50, id: 30
round 78, starting client 26/50, id: 56
round 78, starting client 27/50, id: 15
round 78, starting client 28/50, id: 85
round 78, starting client 29/50, id: 36
round 78, starting client 30/50, id: 23
round 78, starting client 31/50, id: 53
round 78, starting client 32/50, id: 13
round 78, starting client 33/50, id: 1
round 78, starting client 34/50, id: 38
round 78, starting client 35/50, id: 73
round 78, starting client 36/50, id: 60
round 78, starting client 37/50, id: 96
round 78, starting client 38/50, id: 90
round 78, starting client 39/50, id: 29
round 78, starting client 40/50, id: 14
round 78, starting client 41/50, id: 25
round 78, starting client 42/50, id: 66
round 78, starting client 43/50, id: 93
round 78, starting client 44/50, id: 83
round 78, starting client 45/50, id: 86
round 78, starting client 46/50, id: 64
round 78, starting client 47/50, id: 70
round 78, starting client 48/50, id: 97
round 78, starting client 49/50, id: 57
round 78, starting client 50/50, id: 46
round 78, validation acc: 0.9884
starting round 79
clients: [67 0 43 71 22 81 26 88 47 58 92 79 63 85 97 9 78 86 60 94 32 7 1
98

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84 40 6 37 30 55 5 75 17 76 41 54 70 73 95 48 39 91 52 68 53 83 62 44
80 46]

round 79, starting client 1/50, id: 67
round 79, starting client 2/50, id: 0
round 79, starting client 3/50, id: 43
round 79, starting client 4/50, id: 71
round 79, starting client 5/50, id: 22
round 79, starting client 6/50, id: 81
round 79, starting client 7/50, id: 26
round 79, starting client 8/50, id: 88
round 79, starting client 9/50, id: 47
round 79, starting client 10/50, id: 58
round 79, starting client 11/50, id: 92
round 79, starting client 12/50, id: 79
round 79, starting client 13/50, id: 63
round 79, starting client 14/50, id: 85
round 79, starting client 15/50, id: 97
round 79, starting client 16/50, id: 9
round 79, starting client 17/50, id: 78
round 79, starting client 18/50, id: 86
round 79, starting client 19/50, id: 60
round 79, starting client 20/50, id: 94
round 79, starting client 21/50, id: 32
round 79, starting client 22/50, id: 7
round 79, starting client 23/50, id: 1
round 79, starting client 24/50, id: 98
round 79, starting client 25/50, id: 84
round 79, starting client 26/50, id: 40
round 79, starting client 27/50, id: 6
round 79, starting client 28/50, id: 37
round 79, starting client 29/50, id: 30
round 79, starting client 30/50, id: 55
round 79, starting client 31/50, id: 5
round 79, starting client 32/50, id: 75
round 79, starting client 33/50, id: 17
round 79, starting client 34/50, id: 76
round 79, starting client 35/50, id: 41
round 79, starting client 36/50, id: 54
round 79, starting client 37/50, id: 70
round 79, starting client 38/50, id: 73
round 79, starting client 39/50, id: 95
round 79, starting client 40/50, id: 48
round 79, starting client 41/50, id: 39
round 79, starting client 42/50, id: 91
round 79, starting client 43/50, id: 52
round 79, starting client 44/50, id: 68
round 79, starting client 45/50, id: 53
round 79, starting client 46/50, id: 83


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round 79, starting client 47/50, id: 62
round 79, starting client 48/50, id: 44
round 79, starting client 49/50, id: 80
round 79, starting client 50/50, id: 46
round 79, validation acc: 0.9884
starting round 80
clients: [58 99 27 29 94 91 90 54 53 81 1 50 44 73 93 28 4 21 67 0 87 64 45
15
70 98 16 10 34 31 23 80 76 75 63 51 66 22 8 37 19 88 9 71 39 18 55 69
32 43]
round 80, starting client 1/50, id: 58
round 80, starting client 2/50, id: 99
round 80, starting client 3/50, id: 27
round 80, starting client 4/50, id: 29
round 80, starting client 5/50, id: 94
round 80, starting client 6/50, id: 91
round 80, starting client 7/50, id: 90
round 80, starting client 8/50, id: 54
round 80, starting client 9/50, id: 53
round 80, starting client 10/50, id: 81
round 80, starting client 11/50, id: 1
round 80, starting client 12/50, id: 50
round 80, starting client 13/50, id: 44
round 80, starting client 14/50, id: 73
round 80, starting client 15/50, id: 93
round 80, starting client 16/50, id: 28
round 80, starting client 17/50, id: 4
round 80, starting client 18/50, id: 21
round 80, starting client 19/50, id: 67
round 80, starting client 20/50, id: 0
round 80, starting client 21/50, id: 87
round 80, starting client 22/50, id: 64
round 80, starting client 23/50, id: 45
round 80, starting client 24/50, id: 15
round 80, starting client 25/50, id: 70
round 80, starting client 26/50, id: 98
round 80, starting client 27/50, id: 16
round 80, starting client 28/50, id: 10
round 80, starting client 29/50, id: 34
round 80, starting client 30/50, id: 31
round 80, starting client 31/50, id: 23
round 80, starting client 32/50, id: 80
round 80, starting client 33/50, id: 76
round 80, starting client 34/50, id: 75
round 80, starting client 35/50, id: 63
round 80, starting client 36/50, id: 51
round 80, starting client 37/50, id: 66
round 80, starting client 38/50, id: 22

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round 80, starting client 39/50, id: 8
round 80, starting client 40/50, id: 37
round 80, starting client 41/50, id: 19
round 80, starting client 42/50, id: 88
round 80, starting client 43/50, id: 9
round 80, starting client 44/50, id: 71
round 80, starting client 45/50, id: 39
round 80, starting client 46/50, id: 18
round 80, starting client 47/50, id: 55
round 80, starting client 48/50, id: 69
round 80, starting client 49/50, id: 32
round 80, starting client 50/50, id: 43
round 80, validation acc: 0.9884
starting round 81
clients: [34 21 60 78 37 58 15 96 69 74 46 63 23 7 3 19 82 32 90 20 4 35 73
71
70 38 68 36 86 48 10 83 0 9 55 88 17 85 39 67 6 76 92 30 43 61 98 80
94 41]
round 81, starting client 1/50, id: 34
round 81, starting client 2/50, id: 21
round 81, starting client 3/50, id: 60
round 81, starting client 4/50, id: 78
round 81, starting client 5/50, id: 37
round 81, starting client 6/50, id: 58
round 81, starting client 7/50, id: 15
round 81, starting client 8/50, id: 96
round 81, starting client 9/50, id: 69
round 81, starting client 10/50, id: 74
round 81, starting client 11/50, id: 46
round 81, starting client 12/50, id: 63
round 81, starting client 13/50, id: 23
round 81, starting client 14/50, id: 7
round 81, starting client 15/50, id: 3
round 81, starting client 16/50, id: 19
round 81, starting client 17/50, id: 82
round 81, starting client 18/50, id: 32
round 81, starting client 19/50, id: 90
round 81, starting client 20/50, id: 20
round 81, starting client 21/50, id: 4
round 81, starting client 22/50, id: 35
round 81, starting client 23/50, id: 73
round 81, starting client 24/50, id: 71
round 81, starting client 25/50, id: 70
round 81, starting client 26/50, id: 38
round 81, starting client 27/50, id: 68
round 81, starting client 28/50, id: 36
round 81, starting client 29/50, id: 86
round 81, starting client 30/50, id: 48

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round 81, starting client 31/50, id: 10
round 81, starting client 32/50, id: 83
round 81, starting client 33/50, id: 0
round 81, starting client 34/50, id: 9
round 81, starting client 35/50, id: 55
round 81, starting client 36/50, id: 88
round 81, starting client 37/50, id: 17
round 81, starting client 38/50, id: 85
round 81, starting client 39/50, id: 39
round 81, starting client 40/50, id: 67
round 81, starting client 41/50, id: 6
round 81, starting client 42/50, id: 76
round 81, starting client 43/50, id: 92
round 81, starting client 44/50, id: 30
round 81, starting client 45/50, id: 43
round 81, starting client 46/50, id: 61
round 81, starting client 47/50, id: 98
round 81, starting client 48/50, id: 80
round 81, starting client 49/50, id: 94
round 81, starting client 50/50, id: 41
round 81, validation acc: 0.9882
starting round 82
clients: [44 11 79 95 6 99 83 48 47 38 56 40 72 27 43 10 84 41 89 53 93 8 59
28
94 31 7 16 13 46 90 60 67 14 55 78 96 23 26 2 5 81 22 97 18 70 12 85
74 39]
round 82, starting client 1/50, id: 44
round 82, starting client 2/50, id: 11
round 82, starting client 3/50, id: 79
round 82, starting client 4/50, id: 95
round 82, starting client 5/50, id: 6
round 82, starting client 6/50, id: 99
round 82, starting client 7/50, id: 83
round 82, starting client 8/50, id: 48
round 82, starting client 9/50, id: 47
round 82, starting client 10/50, id: 38
round 82, starting client 11/50, id: 56
round 82, starting client 12/50, id: 40
round 82, starting client 13/50, id: 72
round 82, starting client 14/50, id: 27
round 82, starting client 15/50, id: 43
round 82, starting client 16/50, id: 10
round 82, starting client 17/50, id: 84
round 82, starting client 18/50, id: 41
round 82, starting client 19/50, id: 89
round 82, starting client 20/50, id: 53
round 82, starting client 21/50, id: 93
round 82, starting client 22/50, id: 8

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round 82, starting client 23/50, id: 59
round 82, starting client 24/50, id: 28
round 82, starting client 25/50, id: 94
round 82, starting client 26/50, id: 31
round 82, starting client 27/50, id: 7
round 82, starting client 28/50, id: 16
round 82, starting client 29/50, id: 13
round 82, starting client 30/50, id: 46
round 82, starting client 31/50, id: 90
round 82, starting client 32/50, id: 60
round 82, starting client 33/50, id: 67
round 82, starting client 34/50, id: 14
round 82, starting client 35/50, id: 55
round 82, starting client 36/50, id: 78
round 82, starting client 37/50, id: 96
round 82, starting client 38/50, id: 23
round 82, starting client 39/50, id: 26
round 82, starting client 40/50, id: 2
round 82, starting client 41/50, id: 5
round 82, starting client 42/50, id: 81
round 82, starting client 43/50, id: 22
round 82, starting client 44/50, id: 97
round 82, starting client 45/50, id: 18
round 82, starting client 46/50, id: 70
round 82, starting client 47/50, id: 12
round 82, starting client 48/50, id: 85
round 82, starting client 49/50, id: 74
round 82, starting client 50/50, id: 39
round 82, validation acc: 0.9882
starting round 83
clients: [45 77 15 79 86 27 92 22 14 69 23 89 88 85 6 44 21 11 50 48 36 87 57
30
32 3 76 94 59 52 93 46 56 41 5 71 54 38 96 16 72 29 73 83 19 2 95 61
49 43]
round 83, starting client 1/50, id: 45
round 83, starting client 2/50, id: 77
round 83, starting client 3/50, id: 15
round 83, starting client 4/50, id: 79
round 83, starting client 5/50, id: 86
round 83, starting client 6/50, id: 27
round 83, starting client 7/50, id: 92
round 83, starting client 8/50, id: 22
round 83, starting client 9/50, id: 14
round 83, starting client 10/50, id: 69
round 83, starting client 11/50, id: 23
round 83, starting client 12/50, id: 89
round 83, starting client 13/50, id: 88
round 83, starting client 14/50, id: 85

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round 83, starting client 15/50, id: 6
round 83, starting client 16/50, id: 44
round 83, starting client 17/50, id: 21
round 83, starting client 18/50, id: 11
round 83, starting client 19/50, id: 50
round 83, starting client 20/50, id: 48
round 83, starting client 21/50, id: 36
round 83, starting client 22/50, id: 87
round 83, starting client 23/50, id: 57
round 83, starting client 24/50, id: 30
round 83, starting client 25/50, id: 32
round 83, starting client 26/50, id: 3
round 83, starting client 27/50, id: 76
round 83, starting client 28/50, id: 94
round 83, starting client 29/50, id: 59
round 83, starting client 30/50, id: 52
round 83, starting client 31/50, id: 93
round 83, starting client 32/50, id: 46
round 83, starting client 33/50, id: 56
round 83, starting client 34/50, id: 41
round 83, starting client 35/50, id: 5
round 83, starting client 36/50, id: 71
round 83, starting client 37/50, id: 54
round 83, starting client 38/50, id: 38
round 83, starting client 39/50, id: 96
round 83, starting client 40/50, id: 16
round 83, starting client 41/50, id: 72
round 83, starting client 42/50, id: 29
round 83, starting client 43/50, id: 73
round 83, starting client 44/50, id: 83
round 83, starting client 45/50, id: 19
round 83, starting client 46/50, id: 2
round 83, starting client 47/50, id: 95
round 83, starting client 48/50, id: 61
round 83, starting client 49/50, id: 49
round 83, starting client 50/50, id: 43
round 83, validation acc: 0.9885
starting round 84
clients: [71 36 9 30 23 69 35 92 94 86 93 22 7 16 52 37 53 79 89 82 1 17 76
49
45 81 43 5 57 2 62 32 39 50 26 68 83 73 12 10 6 47 51 85 24 19 13 33
75 72]
round 84, starting client 1/50, id: 71
round 84, starting client 2/50, id: 36
round 84, starting client 3/50, id: 9
round 84, starting client 4/50, id: 30
round 84, starting client 5/50, id: 23
round 84, starting client 6/50, id: 69

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round 84, starting client 7/50, id: 35
round 84, starting client 8/50, id: 92
round 84, starting client 9/50, id: 94
round 84, starting client 10/50, id: 86
round 84, starting client 11/50, id: 93
round 84, starting client 12/50, id: 22
round 84, starting client 13/50, id: 7
round 84, starting client 14/50, id: 16
round 84, starting client 15/50, id: 52
round 84, starting client 16/50, id: 37
round 84, starting client 17/50, id: 53
round 84, starting client 18/50, id: 79
round 84, starting client 19/50, id: 89
round 84, starting client 20/50, id: 82
round 84, starting client 21/50, id: 1
round 84, starting client 22/50, id: 17
round 84, starting client 23/50, id: 76
round 84, starting client 24/50, id: 49
round 84, starting client 25/50, id: 45
round 84, starting client 26/50, id: 81
round 84, starting client 27/50, id: 43
round 84, starting client 28/50, id: 5
round 84, starting client 29/50, id: 57
round 84, starting client 30/50, id: 2
round 84, starting client 31/50, id: 62
round 84, starting client 32/50, id: 32
round 84, starting client 33/50, id: 39
round 84, starting client 34/50, id: 50
round 84, starting client 35/50, id: 26
round 84, starting client 36/50, id: 68
round 84, starting client 37/50, id: 83
round 84, starting client 38/50, id: 73
round 84, starting client 39/50, id: 12
round 84, starting client 40/50, id: 10
round 84, starting client 41/50, id: 6
round 84, starting client 42/50, id: 47
round 84, starting client 43/50, id: 51
round 84, starting client 44/50, id: 85
round 84, starting client 45/50, id: 24
round 84, starting client 46/50, id: 19
round 84, starting client 47/50, id: 13
round 84, starting client 48/50, id: 33
round 84, starting client 49/50, id: 75
round 84, starting client 50/50, id: 72
round 84, validation acc: 0.9886
starting round 85
clients: [74 88 60 77 3 57 19 49 99 82 5 20 61 1 40 97 66 62 30 98 54 34 43
67

```

71 95 69 42 68 24 89 15 81 87 14 50 11 39 63 36 26 86 52 35 93 91 94 78
65 16]

round 85, starting client 1/50, id: 74
round 85, starting client 2/50, id: 88
round 85, starting client 3/50, id: 60
round 85, starting client 4/50, id: 77
round 85, starting client 5/50, id: 3
round 85, starting client 6/50, id: 57
round 85, starting client 7/50, id: 19
round 85, starting client 8/50, id: 49
round 85, starting client 9/50, id: 99
round 85, starting client 10/50, id: 82
round 85, starting client 11/50, id: 5
round 85, starting client 12/50, id: 20
round 85, starting client 13/50, id: 61
round 85, starting client 14/50, id: 1
round 85, starting client 15/50, id: 40
round 85, starting client 16/50, id: 97
round 85, starting client 17/50, id: 66
round 85, starting client 18/50, id: 62
round 85, starting client 19/50, id: 30
round 85, starting client 20/50, id: 98
round 85, starting client 21/50, id: 54
round 85, starting client 22/50, id: 34
round 85, starting client 23/50, id: 43
round 85, starting client 24/50, id: 67
round 85, starting client 25/50, id: 71
round 85, starting client 26/50, id: 95
round 85, starting client 27/50, id: 69
round 85, starting client 28/50, id: 42
round 85, starting client 29/50, id: 68
round 85, starting client 30/50, id: 24
round 85, starting client 31/50, id: 89
round 85, starting client 32/50, id: 15
round 85, starting client 33/50, id: 81
round 85, starting client 34/50, id: 87
round 85, starting client 35/50, id: 14
round 85, starting client 36/50, id: 50
round 85, starting client 37/50, id: 11
round 85, starting client 38/50, id: 39
round 85, starting client 39/50, id: 63
round 85, starting client 40/50, id: 36
round 85, starting client 41/50, id: 26
round 85, starting client 42/50, id: 86
round 85, starting client 43/50, id: 52
round 85, starting client 44/50, id: 35
round 85, starting client 45/50, id: 93
round 85, starting client 46/50, id: 91

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round 85, starting client 47/50, id: 94
round 85, starting client 48/50, id: 78
round 85, starting client 49/50, id: 65
round 85, starting client 50/50, id: 16
round 85, validation acc: 0.9886
starting round 86
clients: [93 60 96 49 79 81 28 57 76 18 85 27 24 66 74 16 65 40 72 90 98 64 59
80
75 55 61 0 1 99 87 8 33 31 11 4 73 89 94 51 77 9 82 25 58 32 50 7
46 5]
round 86, starting client 1/50, id: 93
round 86, starting client 2/50, id: 60
round 86, starting client 3/50, id: 96
round 86, starting client 4/50, id: 49
round 86, starting client 5/50, id: 79
round 86, starting client 6/50, id: 81
round 86, starting client 7/50, id: 28
round 86, starting client 8/50, id: 57
round 86, starting client 9/50, id: 76
round 86, starting client 10/50, id: 18
round 86, starting client 11/50, id: 85
round 86, starting client 12/50, id: 27
round 86, starting client 13/50, id: 24
round 86, starting client 14/50, id: 66
round 86, starting client 15/50, id: 74
round 86, starting client 16/50, id: 16
round 86, starting client 17/50, id: 65
round 86, starting client 18/50, id: 40
round 86, starting client 19/50, id: 72
round 86, starting client 20/50, id: 90
round 86, starting client 21/50, id: 98
round 86, starting client 22/50, id: 64
round 86, starting client 23/50, id: 59
round 86, starting client 24/50, id: 80
round 86, starting client 25/50, id: 75
round 86, starting client 26/50, id: 55
round 86, starting client 27/50, id: 61
round 86, starting client 28/50, id: 0
round 86, starting client 29/50, id: 1
round 86, starting client 30/50, id: 99
round 86, starting client 31/50, id: 87
round 86, starting client 32/50, id: 8
round 86, starting client 33/50, id: 33
round 86, starting client 34/50, id: 31
round 86, starting client 35/50, id: 11
round 86, starting client 36/50, id: 4
round 86, starting client 37/50, id: 73
round 86, starting client 38/50, id: 89

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round 86, starting client 39/50, id: 94
round 86, starting client 40/50, id: 51
round 86, starting client 41/50, id: 77
round 86, starting client 42/50, id: 9
round 86, starting client 43/50, id: 82
round 86, starting client 44/50, id: 25
round 86, starting client 45/50, id: 58
round 86, starting client 46/50, id: 32
round 86, starting client 47/50, id: 50
round 86, starting client 48/50, id: 7
round 86, starting client 49/50, id: 46
round 86, starting client 50/50, id: 5
round 86, validation acc: 0.9888
starting round 87
clients: [38 53 92 81 99 73 64 49 75 44 7 87 66 29 88 0 5 12 13 74 95 90 19
28
83 25 79 18 23 14 97 54 68 26 80 72 37 89 2 9 62 39 98 58 10 33 69 30
4 32]
round 87, starting client 1/50, id: 38
round 87, starting client 2/50, id: 53
round 87, starting client 3/50, id: 92
round 87, starting client 4/50, id: 81
round 87, starting client 5/50, id: 99
round 87, starting client 6/50, id: 73
round 87, starting client 7/50, id: 64
round 87, starting client 8/50, id: 49
round 87, starting client 9/50, id: 75
round 87, starting client 10/50, id: 44
round 87, starting client 11/50, id: 7
round 87, starting client 12/50, id: 87
round 87, starting client 13/50, id: 66
round 87, starting client 14/50, id: 29
round 87, starting client 15/50, id: 88
round 87, starting client 16/50, id: 0
round 87, starting client 17/50, id: 5
round 87, starting client 18/50, id: 12
round 87, starting client 19/50, id: 13
round 87, starting client 20/50, id: 74
round 87, starting client 21/50, id: 95
round 87, starting client 22/50, id: 90
round 87, starting client 23/50, id: 19
round 87, starting client 24/50, id: 28
round 87, starting client 25/50, id: 83
round 87, starting client 26/50, id: 25
round 87, starting client 27/50, id: 79
round 87, starting client 28/50, id: 18
round 87, starting client 29/50, id: 23
round 87, starting client 30/50, id: 14

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round 87, starting client 31/50, id: 97
round 87, starting client 32/50, id: 54
round 87, starting client 33/50, id: 68
round 87, starting client 34/50, id: 26
round 87, starting client 35/50, id: 80
round 87, starting client 36/50, id: 72
round 87, starting client 37/50, id: 37
round 87, starting client 38/50, id: 89
round 87, starting client 39/50, id: 2
round 87, starting client 40/50, id: 9
round 87, starting client 41/50, id: 62
round 87, starting client 42/50, id: 39
round 87, starting client 43/50, id: 98
round 87, starting client 44/50, id: 58
round 87, starting client 45/50, id: 10
round 87, starting client 46/50, id: 33
round 87, starting client 47/50, id: 69
round 87, starting client 48/50, id: 30
round 87, starting client 49/50, id: 4
round 87, starting client 50/50, id: 32
round 87, validation acc: 0.9888
starting round 88
clients: [88 63 85 76 49 87 23 66 7 25 9 46 43 39 21 52 19 4 15 35 58 55 69
30
75 14 37 24 36 11 77 5 48 20 71 80 92 68 31 28 22 32 41 51 59 61 98 78
81 18]
round 88, starting client 1/50, id: 88
round 88, starting client 2/50, id: 63
round 88, starting client 3/50, id: 85
round 88, starting client 4/50, id: 76
round 88, starting client 5/50, id: 49
round 88, starting client 6/50, id: 87
round 88, starting client 7/50, id: 23
round 88, starting client 8/50, id: 66
round 88, starting client 9/50, id: 7
round 88, starting client 10/50, id: 25
round 88, starting client 11/50, id: 9
round 88, starting client 12/50, id: 46
round 88, starting client 13/50, id: 43
round 88, starting client 14/50, id: 39
round 88, starting client 15/50, id: 21
round 88, starting client 16/50, id: 52
round 88, starting client 17/50, id: 19
round 88, starting client 18/50, id: 4
round 88, starting client 19/50, id: 15
round 88, starting client 20/50, id: 35
round 88, starting client 21/50, id: 58
round 88, starting client 22/50, id: 55

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round 88, starting client 23/50, id: 69
round 88, starting client 24/50, id: 30
round 88, starting client 25/50, id: 75
round 88, starting client 26/50, id: 14
round 88, starting client 27/50, id: 37
round 88, starting client 28/50, id: 24
round 88, starting client 29/50, id: 36
round 88, starting client 30/50, id: 11
round 88, starting client 31/50, id: 77
round 88, starting client 32/50, id: 5
round 88, starting client 33/50, id: 48
round 88, starting client 34/50, id: 20
round 88, starting client 35/50, id: 71
round 88, starting client 36/50, id: 80
round 88, starting client 37/50, id: 92
round 88, starting client 38/50, id: 68
round 88, starting client 39/50, id: 31
round 88, starting client 40/50, id: 28
round 88, starting client 41/50, id: 22
round 88, starting client 42/50, id: 32
round 88, starting client 43/50, id: 41
round 88, starting client 44/50, id: 51
round 88, starting client 45/50, id: 59
round 88, starting client 46/50, id: 61
round 88, starting client 47/50, id: 98
round 88, starting client 48/50, id: 78
round 88, starting client 49/50, id: 81
round 88, starting client 50/50, id: 18
round 88, validation acc: 0.9888
starting round 89
clients: [64 69 3 56 51 77 45 5 11 90 42 72 61 84 6 99 25 40 28 24 36 59 74
31
14 33 52 46 70 16 2 60 85 67 1 75 80 48 21 62 81 54 23 9 79 44 78 73
97 83]
round 89, starting client 1/50, id: 64
round 89, starting client 2/50, id: 69
round 89, starting client 3/50, id: 3
round 89, starting client 4/50, id: 56
round 89, starting client 5/50, id: 51
round 89, starting client 6/50, id: 77
round 89, starting client 7/50, id: 45
round 89, starting client 8/50, id: 5
round 89, starting client 9/50, id: 11
round 89, starting client 10/50, id: 90
round 89, starting client 11/50, id: 42
round 89, starting client 12/50, id: 72
round 89, starting client 13/50, id: 61
round 89, starting client 14/50, id: 84

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round 89, starting client 15/50, id: 6
round 89, starting client 16/50, id: 99
round 89, starting client 17/50, id: 25
round 89, starting client 18/50, id: 40
round 89, starting client 19/50, id: 28
round 89, starting client 20/50, id: 24
round 89, starting client 21/50, id: 36
round 89, starting client 22/50, id: 59
round 89, starting client 23/50, id: 74
round 89, starting client 24/50, id: 31
round 89, starting client 25/50, id: 14
round 89, starting client 26/50, id: 33
round 89, starting client 27/50, id: 52
round 89, starting client 28/50, id: 46
round 89, starting client 29/50, id: 70
round 89, starting client 30/50, id: 16
round 89, starting client 31/50, id: 2
round 89, starting client 32/50, id: 60
round 89, starting client 33/50, id: 85
round 89, starting client 34/50, id: 67
round 89, starting client 35/50, id: 1
round 89, starting client 36/50, id: 75
round 89, starting client 37/50, id: 80
round 89, starting client 38/50, id: 48
round 89, starting client 39/50, id: 21
round 89, starting client 40/50, id: 62
round 89, starting client 41/50, id: 81
round 89, starting client 42/50, id: 54
round 89, starting client 43/50, id: 23
round 89, starting client 44/50, id: 9
round 89, starting client 45/50, id: 79
round 89, starting client 46/50, id: 44
round 89, starting client 47/50, id: 78
round 89, starting client 48/50, id: 73
round 89, starting client 49/50, id: 97
round 89, starting client 50/50, id: 83
round 89, validation acc: 0.9889
starting round 90
clients: [66 28 77 84 3 16 52 67 40 2 12 65 73 79 5 54 45 47 25 10 97 56 64
62
50 91 78 85 46 29 9 41 94 22 26 80 35 44 61 34 24 32 21 49 31 95 19 87
63 51]
round 90, starting client 1/50, id: 66
round 90, starting client 2/50, id: 28
round 90, starting client 3/50, id: 77
round 90, starting client 4/50, id: 84
round 90, starting client 5/50, id: 3
round 90, starting client 6/50, id: 16

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round 90, starting client 7/50, id: 52
round 90, starting client 8/50, id: 67
round 90, starting client 9/50, id: 40
round 90, starting client 10/50, id: 2
round 90, starting client 11/50, id: 12
round 90, starting client 12/50, id: 65
round 90, starting client 13/50, id: 73
round 90, starting client 14/50, id: 79
round 90, starting client 15/50, id: 5
round 90, starting client 16/50, id: 54
round 90, starting client 17/50, id: 45
round 90, starting client 18/50, id: 47
round 90, starting client 19/50, id: 25
round 90, starting client 20/50, id: 10
round 90, starting client 21/50, id: 97
round 90, starting client 22/50, id: 56
round 90, starting client 23/50, id: 64
round 90, starting client 24/50, id: 62
round 90, starting client 25/50, id: 50
round 90, starting client 26/50, id: 91
round 90, starting client 27/50, id: 78
round 90, starting client 28/50, id: 85
round 90, starting client 29/50, id: 46
round 90, starting client 30/50, id: 29
round 90, starting client 31/50, id: 9
round 90, starting client 32/50, id: 41
round 90, starting client 33/50, id: 94
round 90, starting client 34/50, id: 22
round 90, starting client 35/50, id: 26
round 90, starting client 36/50, id: 80
round 90, starting client 37/50, id: 35
round 90, starting client 38/50, id: 44
round 90, starting client 39/50, id: 61
round 90, starting client 40/50, id: 34
round 90, starting client 41/50, id: 24
round 90, starting client 42/50, id: 32
round 90, starting client 43/50, id: 21
round 90, starting client 44/50, id: 49
round 90, starting client 45/50, id: 31
round 90, starting client 46/50, id: 95
round 90, starting client 47/50, id: 19
round 90, starting client 48/50, id: 87
round 90, starting client 49/50, id: 63
round 90, starting client 50/50, id: 51
round 90, validation acc: 0.989
starting round 91
clients: [34 57 98 44 63 23 11 62 28 36 69 97 54 96 21 78 40 20 24 49 29 67 51
46

3 75 47 82 93 59 92 30 14 32 72 85 50 39 74 9 80 0 38 31 33 4 15 89
 45 61]

round 91, starting client 1/50, id: 34
 round 91, starting client 2/50, id: 57
 round 91, starting client 3/50, id: 98
 round 91, starting client 4/50, id: 44
 round 91, starting client 5/50, id: 63
 round 91, starting client 6/50, id: 23
 round 91, starting client 7/50, id: 11
 round 91, starting client 8/50, id: 62
 round 91, starting client 9/50, id: 28
 round 91, starting client 10/50, id: 36
 round 91, starting client 11/50, id: 69
 round 91, starting client 12/50, id: 97
 round 91, starting client 13/50, id: 54
 round 91, starting client 14/50, id: 96
 round 91, starting client 15/50, id: 21
 round 91, starting client 16/50, id: 78
 round 91, starting client 17/50, id: 40
 round 91, starting client 18/50, id: 20
 round 91, starting client 19/50, id: 24
 round 91, starting client 20/50, id: 49
 round 91, starting client 21/50, id: 29
 round 91, starting client 22/50, id: 67
 round 91, starting client 23/50, id: 51
 round 91, starting client 24/50, id: 46
 round 91, starting client 25/50, id: 3
 round 91, starting client 26/50, id: 75
 round 91, starting client 27/50, id: 47
 round 91, starting client 28/50, id: 82
 round 91, starting client 29/50, id: 93
 round 91, starting client 30/50, id: 59
 round 91, starting client 31/50, id: 92
 round 91, starting client 32/50, id: 30
 round 91, starting client 33/50, id: 14
 round 91, starting client 34/50, id: 32
 round 91, starting client 35/50, id: 72
 round 91, starting client 36/50, id: 85
 round 91, starting client 37/50, id: 50
 round 91, starting client 38/50, id: 39
 round 91, starting client 39/50, id: 74
 round 91, starting client 40/50, id: 9
 round 91, starting client 41/50, id: 80
 round 91, starting client 42/50, id: 0
 round 91, starting client 43/50, id: 38
 round 91, starting client 44/50, id: 31
 round 91, starting client 45/50, id: 33
 round 91, starting client 46/50, id: 4

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round 91, starting client 47/50, id: 15
round 91, starting client 48/50, id: 89
round 91, starting client 49/50, id: 45
round 91, starting client 50/50, id: 61
round 91, validation acc: 0.9891
starting round 92
clients: [31 26 78 85 21 74 12 11 50 89 69 5 93 75 88 54 55 25 36 94 92 58 43
10
73 30 87 19 79 44 1 84 76 7 13 20 67 81 96 24 39 14 62 83 17 77 37 3
65 86]
round 92, starting client 1/50, id: 31
round 92, starting client 2/50, id: 26
round 92, starting client 3/50, id: 78
round 92, starting client 4/50, id: 85
round 92, starting client 5/50, id: 21
round 92, starting client 6/50, id: 74
round 92, starting client 7/50, id: 12
round 92, starting client 8/50, id: 11
round 92, starting client 9/50, id: 50
round 92, starting client 10/50, id: 89
round 92, starting client 11/50, id: 69
round 92, starting client 12/50, id: 5
round 92, starting client 13/50, id: 93
round 92, starting client 14/50, id: 75
round 92, starting client 15/50, id: 88
round 92, starting client 16/50, id: 54
round 92, starting client 17/50, id: 55
round 92, starting client 18/50, id: 25
round 92, starting client 19/50, id: 36
round 92, starting client 20/50, id: 94
round 92, starting client 21/50, id: 92
round 92, starting client 22/50, id: 58
round 92, starting client 23/50, id: 43
round 92, starting client 24/50, id: 10
round 92, starting client 25/50, id: 73
round 92, starting client 26/50, id: 30
round 92, starting client 27/50, id: 87
round 92, starting client 28/50, id: 19
round 92, starting client 29/50, id: 79
round 92, starting client 30/50, id: 44
round 92, starting client 31/50, id: 1
round 92, starting client 32/50, id: 84
round 92, starting client 33/50, id: 76
round 92, starting client 34/50, id: 7
round 92, starting client 35/50, id: 13
round 92, starting client 36/50, id: 20
round 92, starting client 37/50, id: 67
round 92, starting client 38/50, id: 81

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round 92, starting client 39/50, id: 96
round 92, starting client 40/50, id: 24
round 92, starting client 41/50, id: 39
round 92, starting client 42/50, id: 14
round 92, starting client 43/50, id: 62
round 92, starting client 44/50, id: 83
round 92, starting client 45/50, id: 17
round 92, starting client 46/50, id: 77
round 92, starting client 47/50, id: 37
round 92, starting client 48/50, id: 3
round 92, starting client 49/50, id: 65
round 92, starting client 50/50, id: 86
round 92, validation acc: 0.9891
starting round 93
clients: [76 75 50 56 3 93 74 18 46 94 41 86 87 81 43 16 45 29 96 90 85 47 14
84
22 73 64 35 53 32 52 23 58 92 36 67 10 54 28 11 65 89 27 62 8 25 98 9
77 2]
round 93, starting client 1/50, id: 76
round 93, starting client 2/50, id: 75
round 93, starting client 3/50, id: 50
round 93, starting client 4/50, id: 56
round 93, starting client 5/50, id: 3
round 93, starting client 6/50, id: 93
round 93, starting client 7/50, id: 74
round 93, starting client 8/50, id: 18
round 93, starting client 9/50, id: 46
round 93, starting client 10/50, id: 94
round 93, starting client 11/50, id: 41
round 93, starting client 12/50, id: 86
round 93, starting client 13/50, id: 87
round 93, starting client 14/50, id: 81
round 93, starting client 15/50, id: 43
round 93, starting client 16/50, id: 16
round 93, starting client 17/50, id: 45
round 93, starting client 18/50, id: 29
round 93, starting client 19/50, id: 96
round 93, starting client 20/50, id: 90
round 93, starting client 21/50, id: 85
round 93, starting client 22/50, id: 47
round 93, starting client 23/50, id: 14
round 93, starting client 24/50, id: 84
round 93, starting client 25/50, id: 22
round 93, starting client 26/50, id: 73
round 93, starting client 27/50, id: 64
round 93, starting client 28/50, id: 35
round 93, starting client 29/50, id: 53
round 93, starting client 30/50, id: 32

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round 93, starting client 31/50, id: 52
round 93, starting client 32/50, id: 23
round 93, starting client 33/50, id: 58
round 93, starting client 34/50, id: 92
round 93, starting client 35/50, id: 36
round 93, starting client 36/50, id: 67
round 93, starting client 37/50, id: 10
round 93, starting client 38/50, id: 54
round 93, starting client 39/50, id: 28
round 93, starting client 40/50, id: 11
round 93, starting client 41/50, id: 65
round 93, starting client 42/50, id: 89
round 93, starting client 43/50, id: 27
round 93, starting client 44/50, id: 62
round 93, starting client 45/50, id: 8
round 93, starting client 46/50, id: 25
round 93, starting client 47/50, id: 98
round 93, starting client 48/50, id: 9
round 93, starting client 49/50, id: 77
round 93, starting client 50/50, id: 2
round 93, validation acc: 0.9888
starting round 94
clients: [56 37 60 39 50 0 13 19 10 33 70 93 77 23 62 17 16 3 40 12 53 89 24
43
32 41 45 1 87 68 36 47 35 21 74 96 22 98 55 54 85 81 18 11 80 26 8 49
65 97]
round 94, starting client 1/50, id: 56
round 94, starting client 2/50, id: 37
round 94, starting client 3/50, id: 60
round 94, starting client 4/50, id: 39
round 94, starting client 5/50, id: 50
round 94, starting client 6/50, id: 0
round 94, starting client 7/50, id: 13
round 94, starting client 8/50, id: 19
round 94, starting client 9/50, id: 10
round 94, starting client 10/50, id: 33
round 94, starting client 11/50, id: 70
round 94, starting client 12/50, id: 93
round 94, starting client 13/50, id: 77
round 94, starting client 14/50, id: 23
round 94, starting client 15/50, id: 62
round 94, starting client 16/50, id: 17
round 94, starting client 17/50, id: 16
round 94, starting client 18/50, id: 3
round 94, starting client 19/50, id: 40
round 94, starting client 20/50, id: 12
round 94, starting client 21/50, id: 53
round 94, starting client 22/50, id: 89

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round 94, starting client 23/50, id: 24
round 94, starting client 24/50, id: 43
round 94, starting client 25/50, id: 32
round 94, starting client 26/50, id: 41
round 94, starting client 27/50, id: 45
round 94, starting client 28/50, id: 1
round 94, starting client 29/50, id: 87
round 94, starting client 30/50, id: 68
round 94, starting client 31/50, id: 36
round 94, starting client 32/50, id: 47
round 94, starting client 33/50, id: 35
round 94, starting client 34/50, id: 21
round 94, starting client 35/50, id: 74
round 94, starting client 36/50, id: 96
round 94, starting client 37/50, id: 22
round 94, starting client 38/50, id: 98
round 94, starting client 39/50, id: 55
round 94, starting client 40/50, id: 54
round 94, starting client 41/50, id: 85
round 94, starting client 42/50, id: 81
round 94, starting client 43/50, id: 18
round 94, starting client 44/50, id: 11
round 94, starting client 45/50, id: 80
round 94, starting client 46/50, id: 26
round 94, starting client 47/50, id: 8
round 94, starting client 48/50, id: 49
round 94, starting client 49/50, id: 65
round 94, starting client 50/50, id: 97
round 94, validation acc: 0.9888
starting round 95
clients: [67 51 91 98 12 57 14 9 16 84 33 4 87 32 95 27 74 25 37 80 81 22 6
5
61 31 60 90 97 94 93 40 0 45 59 42 71 77 19 56 86 28 8 76 21 41 34 58
17 79]
round 95, starting client 1/50, id: 67
round 95, starting client 2/50, id: 51
round 95, starting client 3/50, id: 91
round 95, starting client 4/50, id: 98
round 95, starting client 5/50, id: 12
round 95, starting client 6/50, id: 57
round 95, starting client 7/50, id: 14
round 95, starting client 8/50, id: 9
round 95, starting client 9/50, id: 16
round 95, starting client 10/50, id: 84
round 95, starting client 11/50, id: 33
round 95, starting client 12/50, id: 4
round 95, starting client 13/50, id: 87
round 95, starting client 14/50, id: 32

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round 95, starting client 15/50, id: 95
round 95, starting client 16/50, id: 27
round 95, starting client 17/50, id: 74
round 95, starting client 18/50, id: 25
round 95, starting client 19/50, id: 37
round 95, starting client 20/50, id: 80
round 95, starting client 21/50, id: 81
round 95, starting client 22/50, id: 22
round 95, starting client 23/50, id: 6
round 95, starting client 24/50, id: 5
round 95, starting client 25/50, id: 61
round 95, starting client 26/50, id: 31
round 95, starting client 27/50, id: 60
round 95, starting client 28/50, id: 90
round 95, starting client 29/50, id: 97
round 95, starting client 30/50, id: 94
round 95, starting client 31/50, id: 93
round 95, starting client 32/50, id: 40
round 95, starting client 33/50, id: 0
round 95, starting client 34/50, id: 45
round 95, starting client 35/50, id: 59
round 95, starting client 36/50, id: 42
round 95, starting client 37/50, id: 71
round 95, starting client 38/50, id: 77
round 95, starting client 39/50, id: 19
round 95, starting client 40/50, id: 56
round 95, starting client 41/50, id: 86
round 95, starting client 42/50, id: 28
round 95, starting client 43/50, id: 8
round 95, starting client 44/50, id: 76
round 95, starting client 45/50, id: 21
round 95, starting client 46/50, id: 41
round 95, starting client 47/50, id: 34
round 95, starting client 48/50, id: 58
round 95, starting client 49/50, id: 17
round 95, starting client 50/50, id: 79
round 95, validation acc: 0.9892
starting round 96
clients: [40 2 39 41 18 38 30 56 83 52 87 11 24 79 15 63 57 8 26 53 6 23 9
51
7 72 31 73 33 80 28 20 96 37 45 94 3 10 16 14 62 66 32 12 88 5 77 95
48 13]
round 96, starting client 1/50, id: 40
round 96, starting client 2/50, id: 2
round 96, starting client 3/50, id: 39
round 96, starting client 4/50, id: 41
round 96, starting client 5/50, id: 18
round 96, starting client 6/50, id: 38

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round 96, starting client 7/50, id: 30
round 96, starting client 8/50, id: 56
round 96, starting client 9/50, id: 83
round 96, starting client 10/50, id: 52
round 96, starting client 11/50, id: 87
round 96, starting client 12/50, id: 11
round 96, starting client 13/50, id: 24
round 96, starting client 14/50, id: 79
round 96, starting client 15/50, id: 15
round 96, starting client 16/50, id: 63
round 96, starting client 17/50, id: 57
round 96, starting client 18/50, id: 8
round 96, starting client 19/50, id: 26
round 96, starting client 20/50, id: 53
round 96, starting client 21/50, id: 6
round 96, starting client 22/50, id: 23
round 96, starting client 23/50, id: 9
round 96, starting client 24/50, id: 51
round 96, starting client 25/50, id: 7
round 96, starting client 26/50, id: 72
round 96, starting client 27/50, id: 31
round 96, starting client 28/50, id: 73
round 96, starting client 29/50, id: 33
round 96, starting client 30/50, id: 80
round 96, starting client 31/50, id: 28
round 96, starting client 32/50, id: 20
round 96, starting client 33/50, id: 96
round 96, starting client 34/50, id: 37
round 96, starting client 35/50, id: 45
round 96, starting client 36/50, id: 94
round 96, starting client 37/50, id: 3
round 96, starting client 38/50, id: 10
round 96, starting client 39/50, id: 16
round 96, starting client 40/50, id: 14
round 96, starting client 41/50, id: 62
round 96, starting client 42/50, id: 66
round 96, starting client 43/50, id: 32
round 96, starting client 44/50, id: 12
round 96, starting client 45/50, id: 88
round 96, starting client 46/50, id: 5
round 96, starting client 47/50, id: 77
round 96, starting client 48/50, id: 95
round 96, starting client 49/50, id: 48
round 96, starting client 50/50, id: 13
round 96, validation acc: 0.9894
starting round 97
clients: [ 1 35 83 45 37 92 53 70 34 21 90 60 30 12 71 98 4 46 22 24 76 32 11
43

```

73 27 75 80 14 95 33 66 52 2 51 41 18 6 42 61 63 79 87 81 77 67 13 40
96 50]

round 97, starting client 1/50, id: 1
round 97, starting client 2/50, id: 35
round 97, starting client 3/50, id: 83
round 97, starting client 4/50, id: 45
round 97, starting client 5/50, id: 37
round 97, starting client 6/50, id: 92
round 97, starting client 7/50, id: 53
round 97, starting client 8/50, id: 70
round 97, starting client 9/50, id: 34
round 97, starting client 10/50, id: 21
round 97, starting client 11/50, id: 90
round 97, starting client 12/50, id: 60
round 97, starting client 13/50, id: 30
round 97, starting client 14/50, id: 12
round 97, starting client 15/50, id: 71
round 97, starting client 16/50, id: 98
round 97, starting client 17/50, id: 4
round 97, starting client 18/50, id: 46
round 97, starting client 19/50, id: 22
round 97, starting client 20/50, id: 24
round 97, starting client 21/50, id: 76
round 97, starting client 22/50, id: 32
round 97, starting client 23/50, id: 11
round 97, starting client 24/50, id: 43
round 97, starting client 25/50, id: 73
round 97, starting client 26/50, id: 27
round 97, starting client 27/50, id: 75
round 97, starting client 28/50, id: 80
round 97, starting client 29/50, id: 14
round 97, starting client 30/50, id: 95
round 97, starting client 31/50, id: 33
round 97, starting client 32/50, id: 66
round 97, starting client 33/50, id: 52
round 97, starting client 34/50, id: 2
round 97, starting client 35/50, id: 51
round 97, starting client 36/50, id: 41
round 97, starting client 37/50, id: 18
round 97, starting client 38/50, id: 6
round 97, starting client 39/50, id: 42
round 97, starting client 40/50, id: 61
round 97, starting client 41/50, id: 63
round 97, starting client 42/50, id: 79
round 97, starting client 43/50, id: 87
round 97, starting client 44/50, id: 81
round 97, starting client 45/50, id: 77
round 97, starting client 46/50, id: 67

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round 97, starting client 47/50, id: 13
round 97, starting client 48/50, id: 40
round 97, starting client 49/50, id: 96
round 97, starting client 50/50, id: 50
round 97, validation acc: 0.9891
starting round 98
clients: [47 24 15 25 18 7 97 62 21 65 46 2 67 92 19 16 20 6 90 70 79 50 1
63
56 82 74 14 88 83 94 9 71 77 76 66 72 12 5 26 3 89 13 53 54 59 58 41
28 8]
round 98, starting client 1/50, id: 47
round 98, starting client 2/50, id: 24
round 98, starting client 3/50, id: 15
round 98, starting client 4/50, id: 25
round 98, starting client 5/50, id: 18
round 98, starting client 6/50, id: 7
round 98, starting client 7/50, id: 97
round 98, starting client 8/50, id: 62
round 98, starting client 9/50, id: 21
round 98, starting client 10/50, id: 65
round 98, starting client 11/50, id: 46
round 98, starting client 12/50, id: 2
round 98, starting client 13/50, id: 67
round 98, starting client 14/50, id: 92
round 98, starting client 15/50, id: 19
round 98, starting client 16/50, id: 16
round 98, starting client 17/50, id: 20
round 98, starting client 18/50, id: 6
round 98, starting client 19/50, id: 90
round 98, starting client 20/50, id: 70
round 98, starting client 21/50, id: 79
round 98, starting client 22/50, id: 50
round 98, starting client 23/50, id: 1
round 98, starting client 24/50, id: 63
round 98, starting client 25/50, id: 56
round 98, starting client 26/50, id: 82
round 98, starting client 27/50, id: 74
round 98, starting client 28/50, id: 14
round 98, starting client 29/50, id: 88
round 98, starting client 30/50, id: 83
round 98, starting client 31/50, id: 94
round 98, starting client 32/50, id: 9
round 98, starting client 33/50, id: 71
round 98, starting client 34/50, id: 77
round 98, starting client 35/50, id: 76
round 98, starting client 36/50, id: 66
round 98, starting client 37/50, id: 72
round 98, starting client 38/50, id: 12

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round 98, starting client 39/50, id: 5
round 98, starting client 40/50, id: 26
round 98, starting client 41/50, id: 3
round 98, starting client 42/50, id: 89
round 98, starting client 43/50, id: 13
round 98, starting client 44/50, id: 53
round 98, starting client 45/50, id: 54
round 98, starting client 46/50, id: 59
round 98, starting client 47/50, id: 58
round 98, starting client 48/50, id: 41
round 98, starting client 49/50, id: 28
round 98, starting client 50/50, id: 8
round 98, validation acc: 0.9887
starting round 99
clients: [26 98 65 37 78 7 72 95 17 31 64 23 43 19 59 82 47 87 63 30 0 40 53
75
85 69 22 21 46 6 81 20 5 50 76 56 83 3 86 99 11 89 29 38 24 58 67 55
54 18]
round 99, starting client 1/50, id: 26
round 99, starting client 2/50, id: 98
round 99, starting client 3/50, id: 65
round 99, starting client 4/50, id: 37
round 99, starting client 5/50, id: 78
round 99, starting client 6/50, id: 7
round 99, starting client 7/50, id: 72
round 99, starting client 8/50, id: 95
round 99, starting client 9/50, id: 17
round 99, starting client 10/50, id: 31
round 99, starting client 11/50, id: 64
round 99, starting client 12/50, id: 23
round 99, starting client 13/50, id: 43
round 99, starting client 14/50, id: 19
round 99, starting client 15/50, id: 59
round 99, starting client 16/50, id: 82
round 99, starting client 17/50, id: 47
round 99, starting client 18/50, id: 87
round 99, starting client 19/50, id: 63
round 99, starting client 20/50, id: 30
round 99, starting client 21/50, id: 0
round 99, starting client 22/50, id: 40
round 99, starting client 23/50, id: 53
round 99, starting client 24/50, id: 75
round 99, starting client 25/50, id: 85
round 99, starting client 26/50, id: 69
round 99, starting client 27/50, id: 22
round 99, starting client 28/50, id: 21
round 99, starting client 29/50, id: 46
round 99, starting client 30/50, id: 6

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round 99, starting client 31/50, id: 81
round 99, starting client 32/50, id: 20
round 99, starting client 33/50, id: 5
round 99, starting client 34/50, id: 50
round 99, starting client 35/50, id: 76
round 99, starting client 36/50, id: 56
round 99, starting client 37/50, id: 83
round 99, starting client 38/50, id: 3
round 99, starting client 39/50, id: 86
round 99, starting client 40/50, id: 99
round 99, starting client 41/50, id: 11
round 99, starting client 42/50, id: 89
round 99, starting client 43/50, id: 29
round 99, starting client 44/50, id: 38
round 99, starting client 45/50, id: 24
round 99, starting client 46/50, id: 58
round 99, starting client 47/50, id: 67
round 99, starting client 48/50, id: 55
round 99, starting client 49/50, id: 54
round 99, starting client 50/50, id: 18
round 99, validation acc: 0.9887
[0.9135 0.9376 0.952  0.9581 0.9652 0.9677 0.9703 0.9728 0.9752 0.9764
 0.9764 0.9781 0.9791 0.9794 0.9805 0.9813 0.9822 0.9818 0.9825 0.9829
 0.9828 0.9834 0.9837 0.9843 0.9843 0.9846 0.9845 0.9858 0.9853 0.9851
 0.9856 0.9859 0.9858 0.9862 0.9861 0.9865 0.9865 0.9866 0.9869 0.9865
 0.9866 0.9867 0.987  0.9866 0.987  0.9871 0.987  0.9869 0.9869 0.987
 0.9875 0.9872 0.9872 0.9872 0.9874 0.9874 0.987  0.9875 0.9872 0.9871
 0.9875 0.9874 0.9873 0.9878 0.9878 0.9878 0.9877 0.9877 0.9877 0.9876
 0.988  0.9881 0.9881 0.9887 0.9885 0.9884 0.9883 0.9886 0.9884 0.9884
 0.9884 0.9882 0.9882 0.9885 0.9886 0.9886 0.9888 0.9888 0.9888 0.9889
 0.989  0.9891 0.9891 0.9888 0.9888 0.9892 0.9894 0.9891 0.9887 0.9887]

```

```

[67]: # CNN - non-iid - m=10 experiment
cnncnn_noniid_m10 = copy.deepcopy(cnn)
acc_cnn_noniid_m10 = fed_avg_experiment(cnn_noniid_m10,
    ↪ num_clients_per_round=10,
                                num_local_epochs=5,
                                lr=0.01,
                                client_train_loader =
    ↪ noniid_client_train_loader,
                                max_rounds=200,
                                filename='./acc_cnn_noniid_m10')
print(acc_cnn_noniid_m10)
np.save('./acc_cnn_noniid_m10.npy', acc_cnn_noniid_m10)

```

```

starting round 0
clients:  [48 37 76 23 53 21 96 46 93 73]
round 0, starting client 1/10, id: 48

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round 0, starting client 2/10, id: 37
round 0, starting client 3/10, id: 76
round 0, starting client 4/10, id: 23
round 0, starting client 5/10, id: 53
round 0, starting client 6/10, id: 21
round 0, starting client 7/10, id: 96
round 0, starting client 8/10, id: 46
round 0, starting client 9/10, id: 93
round 0, starting client 10/10, id: 73
round 0, validation acc: 0.2024
starting round 1
clients: [37 92 36 72 12 26 90 27 52 15]
round 1, starting client 1/10, id: 37
round 1, starting client 2/10, id: 92
round 1, starting client 3/10, id: 36
round 1, starting client 4/10, id: 72
round 1, starting client 5/10, id: 12
round 1, starting client 6/10, id: 26
round 1, starting client 7/10, id: 90
round 1, starting client 8/10, id: 27
round 1, starting client 9/10, id: 52
round 1, starting client 10/10, id: 15
round 1, validation acc: 0.2933
starting round 2
clients: [15 4 37 95 63 61 65 80 39 41]
round 2, starting client 1/10, id: 15
round 2, starting client 2/10, id: 4
round 2, starting client 3/10, id: 37
round 2, starting client 4/10, id: 95
round 2, starting client 5/10, id: 63
round 2, starting client 6/10, id: 61
round 2, starting client 7/10, id: 65
round 2, starting client 8/10, id: 80
round 2, starting client 9/10, id: 39
round 2, starting client 10/10, id: 41
round 2, validation acc: 0.4912
starting round 3
clients: [96 34 28 86 36 50 44 46 30 81]
round 3, starting client 1/10, id: 96
round 3, starting client 2/10, id: 34
round 3, starting client 3/10, id: 28
round 3, starting client 4/10, id: 86
round 3, starting client 5/10, id: 36
round 3, starting client 6/10, id: 50
round 3, starting client 7/10, id: 44
round 3, starting client 8/10, id: 46
round 3, starting client 9/10, id: 30
round 3, starting client 10/10, id: 81

round 3, validation acc: 0.6487
starting round 4
clients: [49 73 41 38 98 16 62 43 87 22]
round 4, starting client 1/10, id: 49
round 4, starting client 2/10, id: 73
round 4, starting client 3/10, id: 41
round 4, starting client 4/10, id: 38
round 4, starting client 5/10, id: 98
round 4, starting client 6/10, id: 16
round 4, starting client 7/10, id: 62
round 4, starting client 8/10, id: 43
round 4, starting client 9/10, id: 87
round 4, starting client 10/10, id: 22
round 4, validation acc: 0.7325
starting round 5
clients: [97 48 92 35 18 58 76 21 94 10]
round 5, starting client 1/10, id: 97
round 5, starting client 2/10, id: 48
round 5, starting client 3/10, id: 92
round 5, starting client 4/10, id: 35
round 5, starting client 5/10, id: 18
round 5, starting client 6/10, id: 58
round 5, starting client 7/10, id: 76
round 5, starting client 8/10, id: 21
round 5, starting client 9/10, id: 94
round 5, starting client 10/10, id: 10
round 5, validation acc: 0.7796
starting round 6
clients: [12 0 93 6 60 45 74 15 81 32]
round 6, starting client 1/10, id: 12
round 6, starting client 2/10, id: 0
round 6, starting client 3/10, id: 93
round 6, starting client 4/10, id: 6
round 6, starting client 5/10, id: 60
round 6, starting client 6/10, id: 45
round 6, starting client 7/10, id: 74
round 6, starting client 8/10, id: 15
round 6, starting client 9/10, id: 81
round 6, starting client 10/10, id: 32
round 6, validation acc: 0.8144
starting round 7
clients: [86 22 14 59 24 98 7 2 32 10]
round 7, starting client 1/10, id: 86
round 7, starting client 2/10, id: 22
round 7, starting client 3/10, id: 14
round 7, starting client 4/10, id: 59
round 7, starting client 5/10, id: 24
round 7, starting client 6/10, id: 98

round 7, starting client 7/10, id: 7
round 7, starting client 8/10, id: 2
round 7, starting client 9/10, id: 32
round 7, starting client 10/10, id: 10
round 7, validation acc: 0.8843
starting round 8
clients: [0 84 35 88 26 80 77 71 62 74]
round 8, starting client 1/10, id: 0
round 8, starting client 2/10, id: 84
round 8, starting client 3/10, id: 35
round 8, starting client 4/10, id: 88
round 8, starting client 5/10, id: 26
round 8, starting client 6/10, id: 80
round 8, starting client 7/10, id: 77
round 8, starting client 8/10, id: 71
round 8, starting client 9/10, id: 62
round 8, starting client 10/10, id: 74
round 8, validation acc: 0.81
starting round 9
clients: [46 77 29 31 49 80 6 48 13 8]
round 9, starting client 1/10, id: 46
round 9, starting client 2/10, id: 77
round 9, starting client 3/10, id: 29
round 9, starting client 4/10, id: 31
round 9, starting client 5/10, id: 49
round 9, starting client 6/10, id: 80
round 9, starting client 7/10, id: 6
round 9, starting client 8/10, id: 48
round 9, starting client 9/10, id: 13
round 9, starting client 10/10, id: 8
round 9, validation acc: 0.7848
starting round 10
clients: [39 0 46 74 77 34 92 84 1 85]
round 10, starting client 1/10, id: 39
round 10, starting client 2/10, id: 0
round 10, starting client 3/10, id: 46
round 10, starting client 4/10, id: 74
round 10, starting client 5/10, id: 77
round 10, starting client 6/10, id: 34
round 10, starting client 7/10, id: 92
round 10, starting client 8/10, id: 84
round 10, starting client 9/10, id: 1
round 10, starting client 10/10, id: 85
round 10, validation acc: 0.8106
starting round 11
clients: [45 81 21 31 73 56 79 91 57 29]
round 11, starting client 1/10, id: 45
round 11, starting client 2/10, id: 81

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round 11, starting client 3/10, id: 21
round 11, starting client 4/10, id: 31
round 11, starting client 5/10, id: 73
round 11, starting client 6/10, id: 56
round 11, starting client 7/10, id: 79
round 11, starting client 8/10, id: 91
round 11, starting client 9/10, id: 57
round 11, starting client 10/10, id: 29
round 11, validation acc: 0.777
starting round 12
clients: [60 59 51 18 34 77 78 49 45 75]
round 12, starting client 1/10, id: 60
round 12, starting client 2/10, id: 59
round 12, starting client 3/10, id: 51
round 12, starting client 4/10, id: 18
round 12, starting client 5/10, id: 34
round 12, starting client 6/10, id: 77
round 12, starting client 7/10, id: 78
round 12, starting client 8/10, id: 49
round 12, starting client 9/10, id: 45
round 12, starting client 10/10, id: 75
round 12, validation acc: 0.8044
starting round 13
clients: [71 14 18 33 88 89 0 69 60 6]
round 13, starting client 1/10, id: 71
round 13, starting client 2/10, id: 14
round 13, starting client 3/10, id: 18
round 13, starting client 4/10, id: 33
round 13, starting client 5/10, id: 88
round 13, starting client 6/10, id: 89
round 13, starting client 7/10, id: 0
round 13, starting client 8/10, id: 69
round 13, starting client 9/10, id: 60
round 13, starting client 10/10, id: 6
round 13, validation acc: 0.8509
starting round 14
clients: [46 89 34 32 2 94 96 30 53 39]
round 14, starting client 1/10, id: 46
round 14, starting client 2/10, id: 89
round 14, starting client 3/10, id: 34
round 14, starting client 4/10, id: 32
round 14, starting client 5/10, id: 2
round 14, starting client 6/10, id: 94
round 14, starting client 7/10, id: 96
round 14, starting client 8/10, id: 30
round 14, starting client 9/10, id: 53
round 14, starting client 10/10, id: 39
round 14, validation acc: 0.9107

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starting round 15
clients: [98 79 3 95 4 90 84 56 71 48]
round 15, starting client 1/10, id: 98
round 15, starting client 2/10, id: 79
round 15, starting client 3/10, id: 3
round 15, starting client 4/10, id: 95
round 15, starting client 5/10, id: 4
round 15, starting client 6/10, id: 90
round 15, starting client 7/10, id: 84
round 15, starting client 8/10, id: 56
round 15, starting client 9/10, id: 71
round 15, starting client 10/10, id: 48
round 15, validation acc: 0.8131
starting round 16
clients: [54 96 42 48 20 77 24 28 90 97]
round 16, starting client 1/10, id: 54
round 16, starting client 2/10, id: 96
round 16, starting client 3/10, id: 42
round 16, starting client 4/10, id: 48
round 16, starting client 5/10, id: 20
round 16, starting client 6/10, id: 77
round 16, starting client 7/10, id: 24
round 16, starting client 8/10, id: 28
round 16, starting client 9/10, id: 90
round 16, starting client 10/10, id: 97
round 16, validation acc: 0.8381
starting round 17
clients: [36 6 82 80 32 77 24 91 78 92]
round 17, starting client 1/10, id: 36
round 17, starting client 2/10, id: 6
round 17, starting client 3/10, id: 82
round 17, starting client 4/10, id: 80
round 17, starting client 5/10, id: 32
round 17, starting client 6/10, id: 77
round 17, starting client 7/10, id: 24
round 17, starting client 8/10, id: 91
round 17, starting client 9/10, id: 78
round 17, starting client 10/10, id: 92
round 17, validation acc: 0.8301
starting round 18
clients: [65 23 49 21 48 89 62 28 27 42]
round 18, starting client 1/10, id: 65
round 18, starting client 2/10, id: 23
round 18, starting client 3/10, id: 49
round 18, starting client 4/10, id: 21
round 18, starting client 5/10, id: 48
round 18, starting client 6/10, id: 89
round 18, starting client 7/10, id: 62
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round 18, starting client 8/10, id: 28
round 18, starting client 9/10, id: 27
round 18, starting client 10/10, id: 42
round 18, validation acc: 0.9303
starting round 19
clients: [19 58 34 85 6 1 45 35 29 97]
round 19, starting client 1/10, id: 19
round 19, starting client 2/10, id: 58
round 19, starting client 3/10, id: 34
round 19, starting client 4/10, id: 85
round 19, starting client 5/10, id: 6
round 19, starting client 6/10, id: 1
round 19, starting client 7/10, id: 45
round 19, starting client 8/10, id: 35
round 19, starting client 9/10, id: 29
round 19, starting client 10/10, id: 97
round 19, validation acc: 0.8736
starting round 20
clients: [93 3 60 53 6 61 94 79 15 19]
round 20, starting client 1/10, id: 93
round 20, starting client 2/10, id: 3
round 20, starting client 3/10, id: 60
round 20, starting client 4/10, id: 53
round 20, starting client 5/10, id: 6
round 20, starting client 6/10, id: 61
round 20, starting client 7/10, id: 94
round 20, starting client 8/10, id: 79
round 20, starting client 9/10, id: 15
round 20, starting client 10/10, id: 19
round 20, validation acc: 0.8844
starting round 21
clients: [77 55 22 66 10 5 0 98 27 38]
round 21, starting client 1/10, id: 77
round 21, starting client 2/10, id: 55
round 21, starting client 3/10, id: 22
round 21, starting client 4/10, id: 66
round 21, starting client 5/10, id: 10
round 21, starting client 6/10, id: 5
round 21, starting client 7/10, id: 0
round 21, starting client 8/10, id: 98
round 21, starting client 9/10, id: 27
round 21, starting client 10/10, id: 38
round 21, validation acc: 0.8958
starting round 22
clients: [24 0 87 69 82 89 71 8 72 59]
round 22, starting client 1/10, id: 24
round 22, starting client 2/10, id: 0
round 22, starting client 3/10, id: 87

round 22, starting client 4/10, id: 69
round 22, starting client 5/10, id: 82
round 22, starting client 6/10, id: 89
round 22, starting client 7/10, id: 71
round 22, starting client 8/10, id: 8
round 22, starting client 9/10, id: 72
round 22, starting client 10/10, id: 59
round 22, validation acc: 0.9003
starting round 23
clients: [8 67 60 99 94 28 11 54 79 74]
round 23, starting client 1/10, id: 8
round 23, starting client 2/10, id: 67
round 23, starting client 3/10, id: 60
round 23, starting client 4/10, id: 99
round 23, starting client 5/10, id: 94
round 23, starting client 6/10, id: 28
round 23, starting client 7/10, id: 11
round 23, starting client 8/10, id: 54
round 23, starting client 9/10, id: 79
round 23, starting client 10/10, id: 74
round 23, validation acc: 0.906
starting round 24
clients: [89 47 52 36 78 33 43 42 92 25]
round 24, starting client 1/10, id: 89
round 24, starting client 2/10, id: 47
round 24, starting client 3/10, id: 52
round 24, starting client 4/10, id: 36
round 24, starting client 5/10, id: 78
round 24, starting client 6/10, id: 33
round 24, starting client 7/10, id: 43
round 24, starting client 8/10, id: 42
round 24, starting client 9/10, id: 92
round 24, starting client 10/10, id: 25
round 24, validation acc: 0.8741
starting round 25
clients: [1 98 63 45 14 95 17 55 94 10]
round 25, starting client 1/10, id: 1
round 25, starting client 2/10, id: 98
round 25, starting client 3/10, id: 63
round 25, starting client 4/10, id: 45
round 25, starting client 5/10, id: 14
round 25, starting client 6/10, id: 95
round 25, starting client 7/10, id: 17
round 25, starting client 8/10, id: 55
round 25, starting client 9/10, id: 94
round 25, starting client 10/10, id: 10
round 25, validation acc: 0.8677
starting round 26

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clients: [50 55 10 78 19 39 73 63 81 89]
round 26, starting client 1/10, id: 50
round 26, starting client 2/10, id: 55
round 26, starting client 3/10, id: 10
round 26, starting client 4/10, id: 78
round 26, starting client 5/10, id: 19
round 26, starting client 6/10, id: 39
round 26, starting client 7/10, id: 73
round 26, starting client 8/10, id: 63
round 26, starting client 9/10, id: 81
round 26, starting client 10/10, id: 89
round 26, validation acc: 0.9506
starting round 27
clients: [23 60 5 97 20 31 65 78 8 0]
round 27, starting client 1/10, id: 23
round 27, starting client 2/10, id: 60
round 27, starting client 3/10, id: 5
round 27, starting client 4/10, id: 97
round 27, starting client 5/10, id: 20
round 27, starting client 6/10, id: 31
round 27, starting client 7/10, id: 65
round 27, starting client 8/10, id: 78
round 27, starting client 9/10, id: 8
round 27, starting client 10/10, id: 0
round 27, validation acc: 0.9442
starting round 28
clients: [37 62 78 15 38 24 53 48 61 25]
round 28, starting client 1/10, id: 37
round 28, starting client 2/10, id: 62
round 28, starting client 3/10, id: 78
round 28, starting client 4/10, id: 15
round 28, starting client 5/10, id: 38
round 28, starting client 6/10, id: 24
round 28, starting client 7/10, id: 53
round 28, starting client 8/10, id: 48
round 28, starting client 9/10, id: 61
round 28, starting client 10/10, id: 25
round 28, validation acc: 0.863
starting round 29
clients: [18 81 53 9 83 91 64 10 79 82]
round 29, starting client 1/10, id: 18
round 29, starting client 2/10, id: 81
round 29, starting client 3/10, id: 53
round 29, starting client 4/10, id: 9
round 29, starting client 5/10, id: 83
round 29, starting client 6/10, id: 91
round 29, starting client 7/10, id: 64
round 29, starting client 8/10, id: 10

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round 29, starting client 9/10, id: 79
round 29, starting client 10/10, id: 82
round 29, validation acc: 0.9169
starting round 30
clients: [29 87 89 48 27 56 67 31 8 91]
round 30, starting client 1/10, id: 29
round 30, starting client 2/10, id: 87
round 30, starting client 3/10, id: 89
round 30, starting client 4/10, id: 48
round 30, starting client 5/10, id: 27
round 30, starting client 6/10, id: 56
round 30, starting client 7/10, id: 67
round 30, starting client 8/10, id: 31
round 30, starting client 9/10, id: 8
round 30, starting client 10/10, id: 91
round 30, validation acc: 0.9349
starting round 31
clients: [17 43 95 76 6 0 89 57 42 49]
round 31, starting client 1/10, id: 17
round 31, starting client 2/10, id: 43
round 31, starting client 3/10, id: 95
round 31, starting client 4/10, id: 76
round 31, starting client 5/10, id: 6
round 31, starting client 6/10, id: 0
round 31, starting client 7/10, id: 89
round 31, starting client 8/10, id: 57
round 31, starting client 9/10, id: 42
round 31, starting client 10/10, id: 49
round 31, validation acc: 0.9344
starting round 32
clients: [57 12 54 66 73 10 46 63 67 47]
round 32, starting client 1/10, id: 57
round 32, starting client 2/10, id: 12
round 32, starting client 3/10, id: 54
round 32, starting client 4/10, id: 66
round 32, starting client 5/10, id: 73
round 32, starting client 6/10, id: 10
round 32, starting client 7/10, id: 46
round 32, starting client 8/10, id: 63
round 32, starting client 9/10, id: 67
round 32, starting client 10/10, id: 47
round 32, validation acc: 0.9516
starting round 33
clients: [84 21 85 32 12 33 10 30 9 37]
round 33, starting client 1/10, id: 84
round 33, starting client 2/10, id: 21
round 33, starting client 3/10, id: 85
round 33, starting client 4/10, id: 32

round 33, starting client 5/10, id: 12
round 33, starting client 6/10, id: 33
round 33, starting client 7/10, id: 10
round 33, starting client 8/10, id: 30
round 33, starting client 9/10, id: 9
round 33, starting client 10/10, id: 37
round 33, validation acc: 0.9448
starting round 34
clients: [68 49 22 61 83 38 9 15 75 31]
round 34, starting client 1/10, id: 68
round 34, starting client 2/10, id: 49
round 34, starting client 3/10, id: 22
round 34, starting client 4/10, id: 61
round 34, starting client 5/10, id: 83
round 34, starting client 6/10, id: 38
round 34, starting client 7/10, id: 9
round 34, starting client 8/10, id: 15
round 34, starting client 9/10, id: 75
round 34, starting client 10/10, id: 31
round 34, validation acc: 0.9313
starting round 35
clients: [78 42 53 75 68 74 23 72 60 85]
round 35, starting client 1/10, id: 78
round 35, starting client 2/10, id: 42
round 35, starting client 3/10, id: 53
round 35, starting client 4/10, id: 75
round 35, starting client 5/10, id: 68
round 35, starting client 6/10, id: 74
round 35, starting client 7/10, id: 23
round 35, starting client 8/10, id: 72
round 35, starting client 9/10, id: 60
round 35, starting client 10/10, id: 85
round 35, validation acc: 0.9249
starting round 36
clients: [65 94 67 40 26 84 31 92 71 61]
round 36, starting client 1/10, id: 65
round 36, starting client 2/10, id: 94
round 36, starting client 3/10, id: 67
round 36, starting client 4/10, id: 40
round 36, starting client 5/10, id: 26
round 36, starting client 6/10, id: 84
round 36, starting client 7/10, id: 31
round 36, starting client 8/10, id: 92
round 36, starting client 9/10, id: 71
round 36, starting client 10/10, id: 61
round 36, validation acc: 0.9364
starting round 37
clients: [60 38 99 43 64 58 7 98 31 73]

round 37, starting client 1/10, id: 60
round 37, starting client 2/10, id: 38
round 37, starting client 3/10, id: 99
round 37, starting client 4/10, id: 43
round 37, starting client 5/10, id: 64
round 37, starting client 6/10, id: 58
round 37, starting client 7/10, id: 7
round 37, starting client 8/10, id: 98
round 37, starting client 9/10, id: 31
round 37, starting client 10/10, id: 73
round 37, validation acc: 0.9491
starting round 38
clients: [32 61 62 49 83 12 2 38 25 57]
round 38, starting client 1/10, id: 32
round 38, starting client 2/10, id: 61
round 38, starting client 3/10, id: 62
round 38, starting client 4/10, id: 49
round 38, starting client 5/10, id: 83
round 38, starting client 6/10, id: 12
round 38, starting client 7/10, id: 2
round 38, starting client 8/10, id: 38
round 38, starting client 9/10, id: 25
round 38, starting client 10/10, id: 57
round 38, validation acc: 0.8734
starting round 39
clients: [4 73 17 29 2 10 49 82 68 76]
round 39, starting client 1/10, id: 4
round 39, starting client 2/10, id: 73
round 39, starting client 3/10, id: 17
round 39, starting client 4/10, id: 29
round 39, starting client 5/10, id: 2
round 39, starting client 6/10, id: 10
round 39, starting client 7/10, id: 49
round 39, starting client 8/10, id: 82
round 39, starting client 9/10, id: 68
round 39, starting client 10/10, id: 76
round 39, validation acc: 0.9397
starting round 40
clients: [64 55 59 74 61 81 26 6 49 4]
round 40, starting client 1/10, id: 64
round 40, starting client 2/10, id: 55
round 40, starting client 3/10, id: 59
round 40, starting client 4/10, id: 74
round 40, starting client 5/10, id: 61
round 40, starting client 6/10, id: 81
round 40, starting client 7/10, id: 26
round 40, starting client 8/10, id: 6
round 40, starting client 9/10, id: 49

round 40, starting client 10/10, id: 4
round 40, validation acc: 0.9599
starting round 41
clients: [75 20 84 76 45 50 12 77 96 94]
round 41, starting client 1/10, id: 75
round 41, starting client 2/10, id: 20
round 41, starting client 3/10, id: 84
round 41, starting client 4/10, id: 76
round 41, starting client 5/10, id: 45
round 41, starting client 6/10, id: 50
round 41, starting client 7/10, id: 12
round 41, starting client 8/10, id: 77
round 41, starting client 9/10, id: 96
round 41, starting client 10/10, id: 94
round 41, validation acc: 0.9195
starting round 42
clients: [77 56 52 72 26 73 8 65 22 14]
round 42, starting client 1/10, id: 77
round 42, starting client 2/10, id: 56
round 42, starting client 3/10, id: 52
round 42, starting client 4/10, id: 72
round 42, starting client 5/10, id: 26
round 42, starting client 6/10, id: 73
round 42, starting client 7/10, id: 8
round 42, starting client 8/10, id: 65
round 42, starting client 9/10, id: 22
round 42, starting client 10/10, id: 14
round 42, validation acc: 0.9207
starting round 43
clients: [39 56 71 31 23 68 86 42 61 20]
round 43, starting client 1/10, id: 39
round 43, starting client 2/10, id: 56
round 43, starting client 3/10, id: 71
round 43, starting client 4/10, id: 31
round 43, starting client 5/10, id: 23
round 43, starting client 6/10, id: 68
round 43, starting client 7/10, id: 86
round 43, starting client 8/10, id: 42
round 43, starting client 9/10, id: 61
round 43, starting client 10/10, id: 20
round 43, validation acc: 0.9451
starting round 44
clients: [35 90 68 42 56 1 96 75 94 77]
round 44, starting client 1/10, id: 35
round 44, starting client 2/10, id: 90
round 44, starting client 3/10, id: 68
round 44, starting client 4/10, id: 42
round 44, starting client 5/10, id: 56

round 44, starting client 6/10, id: 1
round 44, starting client 7/10, id: 96
round 44, starting client 8/10, id: 75
round 44, starting client 9/10, id: 94
round 44, starting client 10/10, id: 77
round 44, validation acc: 0.9466
starting round 45
clients: [77 0 12 22 9 71 47 65 1 26]
round 45, starting client 1/10, id: 77
round 45, starting client 2/10, id: 0
round 45, starting client 3/10, id: 12
round 45, starting client 4/10, id: 22
round 45, starting client 5/10, id: 9
round 45, starting client 6/10, id: 71
round 45, starting client 7/10, id: 47
round 45, starting client 8/10, id: 65
round 45, starting client 9/10, id: 1
round 45, starting client 10/10, id: 26
round 45, validation acc: 0.9635
starting round 46
clients: [33 87 24 32 74 42 13 4 18 69]
round 46, starting client 1/10, id: 33
round 46, starting client 2/10, id: 87
round 46, starting client 3/10, id: 24
round 46, starting client 4/10, id: 32
round 46, starting client 5/10, id: 74
round 46, starting client 6/10, id: 42
round 46, starting client 7/10, id: 13
round 46, starting client 8/10, id: 4
round 46, starting client 9/10, id: 18
round 46, starting client 10/10, id: 69
round 46, validation acc: 0.9563
starting round 47
clients: [47 81 25 77 61 52 84 51 85 40]
round 47, starting client 1/10, id: 47
round 47, starting client 2/10, id: 81
round 47, starting client 3/10, id: 25
round 47, starting client 4/10, id: 77
round 47, starting client 5/10, id: 61
round 47, starting client 6/10, id: 52
round 47, starting client 7/10, id: 84
round 47, starting client 8/10, id: 51
round 47, starting client 9/10, id: 85
round 47, starting client 10/10, id: 40
round 47, validation acc: 0.9489
starting round 48
clients: [6 70 73 82 89 58 60 76 63 45]
round 48, starting client 1/10, id: 6

round 48, starting client 2/10, id: 70
round 48, starting client 3/10, id: 73
round 48, starting client 4/10, id: 82
round 48, starting client 5/10, id: 89
round 48, starting client 6/10, id: 58
round 48, starting client 7/10, id: 60
round 48, starting client 8/10, id: 76
round 48, starting client 9/10, id: 63
round 48, starting client 10/10, id: 45
round 48, validation acc: 0.9551
starting round 49
clients: [40 39 17 45 29 67 18 46 98 68]
round 49, starting client 1/10, id: 40
round 49, starting client 2/10, id: 39
round 49, starting client 3/10, id: 17
round 49, starting client 4/10, id: 45
round 49, starting client 5/10, id: 29
round 49, starting client 6/10, id: 67
round 49, starting client 7/10, id: 18
round 49, starting client 8/10, id: 46
round 49, starting client 9/10, id: 98
round 49, starting client 10/10, id: 68
round 49, validation acc: 0.9368
starting round 50
clients: [90 65 98 20 87 8 19 11 69 63]
round 50, starting client 1/10, id: 90
round 50, starting client 2/10, id: 65
round 50, starting client 3/10, id: 98
round 50, starting client 4/10, id: 20
round 50, starting client 5/10, id: 87
round 50, starting client 6/10, id: 8
round 50, starting client 7/10, id: 19
round 50, starting client 8/10, id: 11
round 50, starting client 9/10, id: 69
round 50, starting client 10/10, id: 63
round 50, validation acc: 0.9616
starting round 51
clients: [10 25 94 53 22 12 92 71 73 79]
round 51, starting client 1/10, id: 10
round 51, starting client 2/10, id: 25
round 51, starting client 3/10, id: 94
round 51, starting client 4/10, id: 53
round 51, starting client 5/10, id: 22
round 51, starting client 6/10, id: 12
round 51, starting client 7/10, id: 92
round 51, starting client 8/10, id: 71
round 51, starting client 9/10, id: 73
round 51, starting client 10/10, id: 79

round 51, validation acc: 0.9575
starting round 52
clients: [4 70 17 62 61 0 53 97 67 31]
round 52, starting client 1/10, id: 4
round 52, starting client 2/10, id: 70
round 52, starting client 3/10, id: 17
round 52, starting client 4/10, id: 62
round 52, starting client 5/10, id: 61
round 52, starting client 6/10, id: 0
round 52, starting client 7/10, id: 53
round 52, starting client 8/10, id: 97
round 52, starting client 9/10, id: 67
round 52, starting client 10/10, id: 31
round 52, validation acc: 0.9461
starting round 53
clients: [27 8 15 66 87 41 20 94 55 58]
round 53, starting client 1/10, id: 27
round 53, starting client 2/10, id: 8
round 53, starting client 3/10, id: 15
round 53, starting client 4/10, id: 66
round 53, starting client 5/10, id: 87
round 53, starting client 6/10, id: 41
round 53, starting client 7/10, id: 20
round 53, starting client 8/10, id: 94
round 53, starting client 9/10, id: 55
round 53, starting client 10/10, id: 58
round 53, validation acc: 0.9579
starting round 54
clients: [39 11 67 98 6 68 36 47 13 23]
round 54, starting client 1/10, id: 39
round 54, starting client 2/10, id: 11
round 54, starting client 3/10, id: 67
round 54, starting client 4/10, id: 98
round 54, starting client 5/10, id: 6
round 54, starting client 6/10, id: 68
round 54, starting client 7/10, id: 36
round 54, starting client 8/10, id: 47
round 54, starting client 9/10, id: 13
round 54, starting client 10/10, id: 23
round 54, validation acc: 0.9676
starting round 55
clients: [69 20 70 71 16 94 74 86 15 68]
round 55, starting client 1/10, id: 69
round 55, starting client 2/10, id: 20
round 55, starting client 3/10, id: 70
round 55, starting client 4/10, id: 71
round 55, starting client 5/10, id: 16
round 55, starting client 6/10, id: 94

round 55, starting client 7/10, id: 74
round 55, starting client 8/10, id: 86
round 55, starting client 9/10, id: 15
round 55, starting client 10/10, id: 68
round 55, validation acc: 0.9502
starting round 56
clients: [67 19 74 70 90 32 40 68 2 86]
round 56, starting client 1/10, id: 67
round 56, starting client 2/10, id: 19
round 56, starting client 3/10, id: 74
round 56, starting client 4/10, id: 70
round 56, starting client 5/10, id: 90
round 56, starting client 6/10, id: 32
round 56, starting client 7/10, id: 40
round 56, starting client 8/10, id: 68
round 56, starting client 9/10, id: 2
round 56, starting client 10/10, id: 86
round 56, validation acc: 0.9667
starting round 57
clients: [78 14 49 1 27 86 22 71 99 25]
round 57, starting client 1/10, id: 78
round 57, starting client 2/10, id: 14
round 57, starting client 3/10, id: 49
round 57, starting client 4/10, id: 1
round 57, starting client 5/10, id: 27
round 57, starting client 6/10, id: 86
round 57, starting client 7/10, id: 22
round 57, starting client 8/10, id: 71
round 57, starting client 9/10, id: 99
round 57, starting client 10/10, id: 25
round 57, validation acc: 0.9656
starting round 58
clients: [94 78 70 13 57 40 55 33 39 68]
round 58, starting client 1/10, id: 94
round 58, starting client 2/10, id: 78
round 58, starting client 3/10, id: 70
round 58, starting client 4/10, id: 13
round 58, starting client 5/10, id: 57
round 58, starting client 6/10, id: 40
round 58, starting client 7/10, id: 55
round 58, starting client 8/10, id: 33
round 58, starting client 9/10, id: 39
round 58, starting client 10/10, id: 68
round 58, validation acc: 0.9649
starting round 59
clients: [88 98 7 65 21 76 12 46 86 72]
round 59, starting client 1/10, id: 88
round 59, starting client 2/10, id: 98

round 59, starting client 3/10, id: 7
round 59, starting client 4/10, id: 65
round 59, starting client 5/10, id: 21
round 59, starting client 6/10, id: 76
round 59, starting client 7/10, id: 12
round 59, starting client 8/10, id: 46
round 59, starting client 9/10, id: 86
round 59, starting client 10/10, id: 72
round 59, validation acc: 0.9465
starting round 60
clients: [79 4 56 97 71 93 33 37 63 51]
round 60, starting client 1/10, id: 79
round 60, starting client 2/10, id: 4
round 60, starting client 3/10, id: 56
round 60, starting client 4/10, id: 97
round 60, starting client 5/10, id: 71
round 60, starting client 6/10, id: 93
round 60, starting client 7/10, id: 33
round 60, starting client 8/10, id: 37
round 60, starting client 9/10, id: 63
round 60, starting client 10/10, id: 51
round 60, validation acc: 0.9682
starting round 61
clients: [81 49 73 93 86 2 68 58 30 6]
round 61, starting client 1/10, id: 81
round 61, starting client 2/10, id: 49
round 61, starting client 3/10, id: 73
round 61, starting client 4/10, id: 93
round 61, starting client 5/10, id: 86
round 61, starting client 6/10, id: 2
round 61, starting client 7/10, id: 68
round 61, starting client 8/10, id: 58
round 61, starting client 9/10, id: 30
round 61, starting client 10/10, id: 6
round 61, validation acc: 0.9623
starting round 62
clients: [77 52 33 62 10 94 0 86 55 34]
round 62, starting client 1/10, id: 77
round 62, starting client 2/10, id: 52
round 62, starting client 3/10, id: 33
round 62, starting client 4/10, id: 62
round 62, starting client 5/10, id: 10
round 62, starting client 6/10, id: 94
round 62, starting client 7/10, id: 0
round 62, starting client 8/10, id: 86
round 62, starting client 9/10, id: 55
round 62, starting client 10/10, id: 34
round 62, validation acc: 0.9666

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starting round 63
clients: [75 67 6 89 37 16 78 65 57 94]
round 63, starting client 1/10, id: 75
round 63, starting client 2/10, id: 67
round 63, starting client 3/10, id: 6
round 63, starting client 4/10, id: 89
round 63, starting client 5/10, id: 37
round 63, starting client 6/10, id: 16
round 63, starting client 7/10, id: 78
round 63, starting client 8/10, id: 65
round 63, starting client 9/10, id: 57
round 63, starting client 10/10, id: 94
round 63, validation acc: 0.9527
starting round 64
clients: [32 46 83 56 37 22 49 88 3 16]
round 64, starting client 1/10, id: 32
round 64, starting client 2/10, id: 46
round 64, starting client 3/10, id: 83
round 64, starting client 4/10, id: 56
round 64, starting client 5/10, id: 37
round 64, starting client 6/10, id: 22
round 64, starting client 7/10, id: 49
round 64, starting client 8/10, id: 88
round 64, starting client 9/10, id: 3
round 64, starting client 10/10, id: 16
round 64, validation acc: 0.9584
starting round 65
clients: [39 43 12 42 54 25 29 6 97 13]
round 65, starting client 1/10, id: 39
round 65, starting client 2/10, id: 43
round 65, starting client 3/10, id: 12
round 65, starting client 4/10, id: 42
round 65, starting client 5/10, id: 54
round 65, starting client 6/10, id: 25
round 65, starting client 7/10, id: 29
round 65, starting client 8/10, id: 6
round 65, starting client 9/10, id: 97
round 65, starting client 10/10, id: 13
round 65, validation acc: 0.9673
starting round 66
clients: [58 13 28 95 83 63 52 46 9 22]
round 66, starting client 1/10, id: 58
round 66, starting client 2/10, id: 13
round 66, starting client 3/10, id: 28
round 66, starting client 4/10, id: 95
round 66, starting client 5/10, id: 83
round 66, starting client 6/10, id: 63
round 66, starting client 7/10, id: 52
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round 66, starting client 8/10, id: 46
round 66, starting client 9/10, id: 9
round 66, starting client 10/10, id: 22
round 66, validation acc: 0.9457
starting round 67
clients: [68 95 18 1 59 98 30 38 91 37]
round 67, starting client 1/10, id: 68
round 67, starting client 2/10, id: 95
round 67, starting client 3/10, id: 18
round 67, starting client 4/10, id: 1
round 67, starting client 5/10, id: 59
round 67, starting client 6/10, id: 98
round 67, starting client 7/10, id: 30
round 67, starting client 8/10, id: 38
round 67, starting client 9/10, id: 91
round 67, starting client 10/10, id: 37
round 67, validation acc: 0.9658
starting round 68
clients: [6 77 31 18 65 42 10 45 16 60]
round 68, starting client 1/10, id: 6
round 68, starting client 2/10, id: 77
round 68, starting client 3/10, id: 31
round 68, starting client 4/10, id: 18
round 68, starting client 5/10, id: 65
round 68, starting client 6/10, id: 42
round 68, starting client 7/10, id: 10
round 68, starting client 8/10, id: 45
round 68, starting client 9/10, id: 16
round 68, starting client 10/10, id: 60
round 68, validation acc: 0.9612
starting round 69
clients: [69 58 82 83 93 12 78 22 47 89]
round 69, starting client 1/10, id: 69
round 69, starting client 2/10, id: 58
round 69, starting client 3/10, id: 82
round 69, starting client 4/10, id: 83
round 69, starting client 5/10, id: 93
round 69, starting client 6/10, id: 12
round 69, starting client 7/10, id: 78
round 69, starting client 8/10, id: 22
round 69, starting client 9/10, id: 47
round 69, starting client 10/10, id: 89
round 69, validation acc: 0.9592
starting round 70
clients: [69 53 41 21 65 76 12 91 10 64]
round 70, starting client 1/10, id: 69
round 70, starting client 2/10, id: 53
round 70, starting client 3/10, id: 41

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round 70, starting client 4/10, id: 21
round 70, starting client 5/10, id: 65
round 70, starting client 6/10, id: 76
round 70, starting client 7/10, id: 12
round 70, starting client 8/10, id: 91
round 70, starting client 9/10, id: 10
round 70, starting client 10/10, id: 64
round 70, validation acc: 0.9662
starting round 71
clients: [81 11 97 37 82 19 31 28 36 54]
round 71, starting client 1/10, id: 81
round 71, starting client 2/10, id: 11
round 71, starting client 3/10, id: 97
round 71, starting client 4/10, id: 37
round 71, starting client 5/10, id: 82
round 71, starting client 6/10, id: 19
round 71, starting client 7/10, id: 31
round 71, starting client 8/10, id: 28
round 71, starting client 9/10, id: 36
round 71, starting client 10/10, id: 54
round 71, validation acc: 0.9711
starting round 72
clients: [55 19 77 69 47 17 24 49 81 1]
round 72, starting client 1/10, id: 55
round 72, starting client 2/10, id: 19
round 72, starting client 3/10, id: 77
round 72, starting client 4/10, id: 69
round 72, starting client 5/10, id: 47
round 72, starting client 6/10, id: 17
round 72, starting client 7/10, id: 24
round 72, starting client 8/10, id: 49
round 72, starting client 9/10, id: 81
round 72, starting client 10/10, id: 1
round 72, validation acc: 0.9689
starting round 73
clients: [33 75 43 25 2 40 45 52 96 48]
round 73, starting client 1/10, id: 33
round 73, starting client 2/10, id: 75
round 73, starting client 3/10, id: 43
round 73, starting client 4/10, id: 25
round 73, starting client 5/10, id: 2
round 73, starting client 6/10, id: 40
round 73, starting client 7/10, id: 45
round 73, starting client 8/10, id: 52
round 73, starting client 9/10, id: 96
round 73, starting client 10/10, id: 48
round 73, validation acc: 0.9539
starting round 74

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clients: [35 8 61 4 70 2 28 87 63 53]
round 74, starting client 1/10, id: 35
round 74, starting client 2/10, id: 8
round 74, starting client 3/10, id: 61
round 74, starting client 4/10, id: 4
round 74, starting client 5/10, id: 70
round 74, starting client 6/10, id: 2
round 74, starting client 7/10, id: 28
round 74, starting client 8/10, id: 87
round 74, starting client 9/10, id: 63
round 74, starting client 10/10, id: 53
round 74, validation acc: 0.9674
starting round 75
clients: [48 5 94 8 14 86 92 79 61 63]
round 75, starting client 1/10, id: 48
round 75, starting client 2/10, id: 5
round 75, starting client 3/10, id: 94
round 75, starting client 4/10, id: 8
round 75, starting client 5/10, id: 14
round 75, starting client 6/10, id: 86
round 75, starting client 7/10, id: 92
round 75, starting client 8/10, id: 79
round 75, starting client 9/10, id: 61
round 75, starting client 10/10, id: 63
round 75, validation acc: 0.9686
starting round 76
clients: [30 3 23 78 19 84 4 91 71 57]
round 76, starting client 1/10, id: 30
round 76, starting client 2/10, id: 3
round 76, starting client 3/10, id: 23
round 76, starting client 4/10, id: 78
round 76, starting client 5/10, id: 19
round 76, starting client 6/10, id: 84
round 76, starting client 7/10, id: 4
round 76, starting client 8/10, id: 91
round 76, starting client 9/10, id: 71
round 76, starting client 10/10, id: 57
round 76, validation acc: 0.9758
starting round 77
clients: [18 71 58 83 30 65 15 91 49 78]
round 77, starting client 1/10, id: 18
round 77, starting client 2/10, id: 71
round 77, starting client 3/10, id: 58
round 77, starting client 4/10, id: 83
round 77, starting client 5/10, id: 30
round 77, starting client 6/10, id: 65
round 77, starting client 7/10, id: 15
round 77, starting client 8/10, id: 91

round 77, starting client 9/10, id: 49
round 77, starting client 10/10, id: 78
round 77, validation acc: 0.9675
starting round 78
clients: [18 44 6 90 70 48 75 36 9 39]
round 78, starting client 1/10, id: 18
round 78, starting client 2/10, id: 44
round 78, starting client 3/10, id: 6
round 78, starting client 4/10, id: 90
round 78, starting client 5/10, id: 70
round 78, starting client 6/10, id: 48
round 78, starting client 7/10, id: 75
round 78, starting client 8/10, id: 36
round 78, starting client 9/10, id: 9
round 78, starting client 10/10, id: 39
round 78, validation acc: 0.9712
starting round 79
clients: [99 7 84 49 76 93 59 24 11 13]
round 79, starting client 1/10, id: 99
round 79, starting client 2/10, id: 7
round 79, starting client 3/10, id: 84
round 79, starting client 4/10, id: 49
round 79, starting client 5/10, id: 76
round 79, starting client 6/10, id: 93
round 79, starting client 7/10, id: 59
round 79, starting client 8/10, id: 24
round 79, starting client 9/10, id: 11
round 79, starting client 10/10, id: 13
round 79, validation acc: 0.9643
starting round 80
clients: [26 6 40 59 69 96 81 98 0 92]
round 80, starting client 1/10, id: 26
round 80, starting client 2/10, id: 6
round 80, starting client 3/10, id: 40
round 80, starting client 4/10, id: 59
round 80, starting client 5/10, id: 69
round 80, starting client 6/10, id: 96
round 80, starting client 7/10, id: 81
round 80, starting client 8/10, id: 98
round 80, starting client 9/10, id: 0
round 80, starting client 10/10, id: 92
round 80, validation acc: 0.9642
starting round 81
clients: [99 46 71 92 96 95 89 98 38 72]
round 81, starting client 1/10, id: 99
round 81, starting client 2/10, id: 46
round 81, starting client 3/10, id: 71
round 81, starting client 4/10, id: 92

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round 81, starting client 5/10, id: 96
round 81, starting client 6/10, id: 95
round 81, starting client 7/10, id: 89
round 81, starting client 8/10, id: 98
round 81, starting client 9/10, id: 38
round 81, starting client 10/10, id: 72
round 81, validation acc: 0.9584
starting round 82
clients: [79 22 5 82 7 85 35 33 96 6]
round 82, starting client 1/10, id: 79
round 82, starting client 2/10, id: 22
round 82, starting client 3/10, id: 5
round 82, starting client 4/10, id: 82
round 82, starting client 5/10, id: 7
round 82, starting client 6/10, id: 85
round 82, starting client 7/10, id: 35
round 82, starting client 8/10, id: 33
round 82, starting client 9/10, id: 96
round 82, starting client 10/10, id: 6
round 82, validation acc: 0.9637
starting round 83
clients: [52 26 36 16 87 44 21 91 45 43]
round 83, starting client 1/10, id: 52
round 83, starting client 2/10, id: 26
round 83, starting client 3/10, id: 36
round 83, starting client 4/10, id: 16
round 83, starting client 5/10, id: 87
round 83, starting client 6/10, id: 44
round 83, starting client 7/10, id: 21
round 83, starting client 8/10, id: 91
round 83, starting client 9/10, id: 45
round 83, starting client 10/10, id: 43
round 83, validation acc: 0.9734
starting round 84
clients: [1 12 93 52 46 18 74 88 90 25]
round 84, starting client 1/10, id: 1
round 84, starting client 2/10, id: 12
round 84, starting client 3/10, id: 93
round 84, starting client 4/10, id: 52
round 84, starting client 5/10, id: 46
round 84, starting client 6/10, id: 18
round 84, starting client 7/10, id: 74
round 84, starting client 8/10, id: 88
round 84, starting client 9/10, id: 90
round 84, starting client 10/10, id: 25
round 84, validation acc: 0.976
starting round 85
clients: [44 97 21 58 81 85 69 9 47 91]

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round 85, starting client 1/10, id: 44
round 85, starting client 2/10, id: 97
round 85, starting client 3/10, id: 21
round 85, starting client 4/10, id: 58
round 85, starting client 5/10, id: 81
round 85, starting client 6/10, id: 85
round 85, starting client 7/10, id: 69
round 85, starting client 8/10, id: 9
round 85, starting client 9/10, id: 47
round 85, starting client 10/10, id: 91
round 85, validation acc: 0.974
starting round 86
clients: [97 39 54 89 9 53 3 67 6 63]
round 86, starting client 1/10, id: 97
round 86, starting client 2/10, id: 39
round 86, starting client 3/10, id: 54
round 86, starting client 4/10, id: 89
round 86, starting client 5/10, id: 9
round 86, starting client 6/10, id: 53
round 86, starting client 7/10, id: 3
round 86, starting client 8/10, id: 67
round 86, starting client 9/10, id: 6
round 86, starting client 10/10, id: 63
round 86, validation acc: 0.9744
starting round 87
clients: [65 3 0 7 11 42 38 66 68 32]
round 87, starting client 1/10, id: 65
round 87, starting client 2/10, id: 3
round 87, starting client 3/10, id: 0
round 87, starting client 4/10, id: 7
round 87, starting client 5/10, id: 11
round 87, starting client 6/10, id: 42
round 87, starting client 7/10, id: 38
round 87, starting client 8/10, id: 66
round 87, starting client 9/10, id: 68
round 87, starting client 10/10, id: 32
round 87, validation acc: 0.9755
starting round 88
clients: [32 25 90 97 68 83 66 17 27 21]
round 88, starting client 1/10, id: 32
round 88, starting client 2/10, id: 25
round 88, starting client 3/10, id: 90
round 88, starting client 4/10, id: 97
round 88, starting client 5/10, id: 68
round 88, starting client 6/10, id: 83
round 88, starting client 7/10, id: 66
round 88, starting client 8/10, id: 17
round 88, starting client 9/10, id: 27

round 88, starting client 10/10, id: 21
round 88, validation acc: 0.9765
starting round 89
clients: [51 39 9 14 3 36 97 6 49 84]
round 89, starting client 1/10, id: 51
round 89, starting client 2/10, id: 39
round 89, starting client 3/10, id: 9
round 89, starting client 4/10, id: 14
round 89, starting client 5/10, id: 3
round 89, starting client 6/10, id: 36
round 89, starting client 7/10, id: 97
round 89, starting client 8/10, id: 6
round 89, starting client 9/10, id: 49
round 89, starting client 10/10, id: 84
round 89, validation acc: 0.9767
starting round 90
clients: [93 33 95 76 77 45 94 79 44 36]
round 90, starting client 1/10, id: 93
round 90, starting client 2/10, id: 33
round 90, starting client 3/10, id: 95
round 90, starting client 4/10, id: 76
round 90, starting client 5/10, id: 77
round 90, starting client 6/10, id: 45
round 90, starting client 7/10, id: 94
round 90, starting client 8/10, id: 79
round 90, starting client 9/10, id: 44
round 90, starting client 10/10, id: 36
round 90, validation acc: 0.9752
starting round 91
clients: [55 47 12 13 77 53 31 66 76 27]
round 91, starting client 1/10, id: 55
round 91, starting client 2/10, id: 47
round 91, starting client 3/10, id: 12
round 91, starting client 4/10, id: 13
round 91, starting client 5/10, id: 77
round 91, starting client 6/10, id: 53
round 91, starting client 7/10, id: 31
round 91, starting client 8/10, id: 66
round 91, starting client 9/10, id: 76
round 91, starting client 10/10, id: 27
round 91, validation acc: 0.9649
starting round 92
clients: [9 80 68 58 13 32 67 57 73 16]
round 92, starting client 1/10, id: 9
round 92, starting client 2/10, id: 80
round 92, starting client 3/10, id: 68
round 92, starting client 4/10, id: 58
round 92, starting client 5/10, id: 13

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round 92, starting client 6/10, id: 32
round 92, starting client 7/10, id: 67
round 92, starting client 8/10, id: 57
round 92, starting client 9/10, id: 73
round 92, starting client 10/10, id: 16
round 92, validation acc: 0.9715
starting round 93
clients: [ 0  7 71 75 11 66 23 34 13 86]
round 93, starting client 1/10, id: 0
round 93, starting client 2/10, id: 7
round 93, starting client 3/10, id: 71
round 93, starting client 4/10, id: 75
round 93, starting client 5/10, id: 11
round 93, starting client 6/10, id: 66
round 93, starting client 7/10, id: 23
round 93, starting client 8/10, id: 34
round 93, starting client 9/10, id: 13
round 93, starting client 10/10, id: 86
round 93, validation acc: 0.9752
starting round 94
clients: [81 66 17 45 86 16 73 18  6 54]
round 94, starting client 1/10, id: 81
round 94, starting client 2/10, id: 66
round 94, starting client 3/10, id: 17
round 94, starting client 4/10, id: 45
round 94, starting client 5/10, id: 86
round 94, starting client 6/10, id: 16
round 94, starting client 7/10, id: 73
round 94, starting client 8/10, id: 18
round 94, starting client 9/10, id: 6
round 94, starting client 10/10, id: 54
round 94, validation acc: 0.9705
starting round 95
clients: [84 38 27 92 53 30 21 87 68 82]
round 95, starting client 1/10, id: 84
round 95, starting client 2/10, id: 38
round 95, starting client 3/10, id: 27
round 95, starting client 4/10, id: 92
round 95, starting client 5/10, id: 53
round 95, starting client 6/10, id: 30
round 95, starting client 7/10, id: 21
round 95, starting client 8/10, id: 87
round 95, starting client 9/10, id: 68
round 95, starting client 10/10, id: 82
round 95, validation acc: 0.9737
starting round 96
clients: [84 27 39 40 47  2 51 85 42 89]
round 96, starting client 1/10, id: 84

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round 96, starting client 2/10, id: 27
round 96, starting client 3/10, id: 39
round 96, starting client 4/10, id: 40
round 96, starting client 5/10, id: 47
round 96, starting client 6/10, id: 2
round 96, starting client 7/10, id: 51
round 96, starting client 8/10, id: 85
round 96, starting client 9/10, id: 42
round 96, starting client 10/10, id: 89
round 96, validation acc: 0.968
starting round 97
clients: [93 50 8 64 68 85 32 81 60 34]
round 97, starting client 1/10, id: 93
round 97, starting client 2/10, id: 50
round 97, starting client 3/10, id: 8
round 97, starting client 4/10, id: 64
round 97, starting client 5/10, id: 68
round 97, starting client 6/10, id: 85
round 97, starting client 7/10, id: 32
round 97, starting client 8/10, id: 81
round 97, starting client 9/10, id: 60
round 97, starting client 10/10, id: 34
round 97, validation acc: 0.9777
starting round 98
clients: [29 42 56 82 86 49 62 46 16 31]
round 98, starting client 1/10, id: 29
round 98, starting client 2/10, id: 42
round 98, starting client 3/10, id: 56
round 98, starting client 4/10, id: 82
round 98, starting client 5/10, id: 86
round 98, starting client 6/10, id: 49
round 98, starting client 7/10, id: 62
round 98, starting client 8/10, id: 46
round 98, starting client 9/10, id: 16
round 98, starting client 10/10, id: 31
round 98, validation acc: 0.9777
starting round 99
clients: [82 97 65 96 24 38 6 46 52 86]
round 99, starting client 1/10, id: 82
round 99, starting client 2/10, id: 97
round 99, starting client 3/10, id: 65
round 99, starting client 4/10, id: 96
round 99, starting client 5/10, id: 24
round 99, starting client 6/10, id: 38
round 99, starting client 7/10, id: 6
round 99, starting client 8/10, id: 46
round 99, starting client 9/10, id: 52
round 99, starting client 10/10, id: 86

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round 99, validation acc: 0.9758
starting round 100
clients: [14 77 69 54 44 29 35 81 26 93]
round 100, starting client 1/10, id: 14
round 100, starting client 2/10, id: 77
round 100, starting client 3/10, id: 69
round 100, starting client 4/10, id: 54
round 100, starting client 5/10, id: 44
round 100, starting client 6/10, id: 29
round 100, starting client 7/10, id: 35
round 100, starting client 8/10, id: 81
round 100, starting client 9/10, id: 26
round 100, starting client 10/10, id: 93
round 100, validation acc: 0.9747
starting round 101
clients: [47 5 42 16 84 52 2 39 89 98]
round 101, starting client 1/10, id: 47
round 101, starting client 2/10, id: 5
round 101, starting client 3/10, id: 42
round 101, starting client 4/10, id: 16
round 101, starting client 5/10, id: 84
round 101, starting client 6/10, id: 52
round 101, starting client 7/10, id: 2
round 101, starting client 8/10, id: 39
round 101, starting client 9/10, id: 89
round 101, starting client 10/10, id: 98
round 101, validation acc: 0.9762
starting round 102
clients: [49 63 50 21 71 92 90 16 33 41]
round 102, starting client 1/10, id: 49
round 102, starting client 2/10, id: 63
round 102, starting client 3/10, id: 50
round 102, starting client 4/10, id: 21
round 102, starting client 5/10, id: 71
round 102, starting client 6/10, id: 92
round 102, starting client 7/10, id: 90
round 102, starting client 8/10, id: 16
round 102, starting client 9/10, id: 33
round 102, starting client 10/10, id: 41
round 102, validation acc: 0.9755
starting round 103
clients: [25 0 15 18 48 3 96 89 7 41]
round 103, starting client 1/10, id: 25
round 103, starting client 2/10, id: 0
round 103, starting client 3/10, id: 15
round 103, starting client 4/10, id: 18
round 103, starting client 5/10, id: 48
round 103, starting client 6/10, id: 3

round 103, starting client 7/10, id: 96
round 103, starting client 8/10, id: 89
round 103, starting client 9/10, id: 7
round 103, starting client 10/10, id: 41
round 103, validation acc: 0.9729
starting round 104
clients: [66 63 9 85 72 0 25 70 7 33]
round 104, starting client 1/10, id: 66
round 104, starting client 2/10, id: 63
round 104, starting client 3/10, id: 9
round 104, starting client 4/10, id: 85
round 104, starting client 5/10, id: 72
round 104, starting client 6/10, id: 0
round 104, starting client 7/10, id: 25
round 104, starting client 8/10, id: 70
round 104, starting client 9/10, id: 7
round 104, starting client 10/10, id: 33
round 104, validation acc: 0.9732
starting round 105
clients: [15 7 89 86 34 40 45 0 88 28]
round 105, starting client 1/10, id: 15
round 105, starting client 2/10, id: 7
round 105, starting client 3/10, id: 89
round 105, starting client 4/10, id: 86
round 105, starting client 5/10, id: 34
round 105, starting client 6/10, id: 40
round 105, starting client 7/10, id: 45
round 105, starting client 8/10, id: 0
round 105, starting client 9/10, id: 88
round 105, starting client 10/10, id: 28
round 105, validation acc: 0.965
starting round 106
clients: [32 98 47 31 17 42 35 19 8 69]
round 106, starting client 1/10, id: 32
round 106, starting client 2/10, id: 98
round 106, starting client 3/10, id: 47
round 106, starting client 4/10, id: 31
round 106, starting client 5/10, id: 17
round 106, starting client 6/10, id: 42
round 106, starting client 7/10, id: 35
round 106, starting client 8/10, id: 19
round 106, starting client 9/10, id: 8
round 106, starting client 10/10, id: 69
round 106, validation acc: 0.9752
starting round 107
clients: [39 99 67 94 19 12 68 58 78 28]
round 107, starting client 1/10, id: 39
round 107, starting client 2/10, id: 99

round 107, starting client 3/10, id: 67
round 107, starting client 4/10, id: 94
round 107, starting client 5/10, id: 19
round 107, starting client 6/10, id: 12
round 107, starting client 7/10, id: 68
round 107, starting client 8/10, id: 58
round 107, starting client 9/10, id: 78
round 107, starting client 10/10, id: 28
round 107, validation acc: 0.9706
starting round 108
clients: [41 30 76 63 79 25 97 29 37 80]
round 108, starting client 1/10, id: 41
round 108, starting client 2/10, id: 30
round 108, starting client 3/10, id: 76
round 108, starting client 4/10, id: 63
round 108, starting client 5/10, id: 79
round 108, starting client 6/10, id: 25
round 108, starting client 7/10, id: 97
round 108, starting client 8/10, id: 29
round 108, starting client 9/10, id: 37
round 108, starting client 10/10, id: 80
round 108, validation acc: 0.9671
starting round 109
clients: [32 82 67 18 41 29 15 77 2 21]
round 109, starting client 1/10, id: 32
round 109, starting client 2/10, id: 82
round 109, starting client 3/10, id: 67
round 109, starting client 4/10, id: 18
round 109, starting client 5/10, id: 41
round 109, starting client 6/10, id: 29
round 109, starting client 7/10, id: 15
round 109, starting client 8/10, id: 77
round 109, starting client 9/10, id: 2
round 109, starting client 10/10, id: 21
round 109, validation acc: 0.9703
starting round 110
clients: [66 2 79 44 93 15 28 43 29 97]
round 110, starting client 1/10, id: 66
round 110, starting client 2/10, id: 2
round 110, starting client 3/10, id: 79
round 110, starting client 4/10, id: 44
round 110, starting client 5/10, id: 93
round 110, starting client 6/10, id: 15
round 110, starting client 7/10, id: 28
round 110, starting client 8/10, id: 43
round 110, starting client 9/10, id: 29
round 110, starting client 10/10, id: 97
round 110, validation acc: 0.9709

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starting round 111
clients: [88 67 99 9 74 33 27 3 55 10]
round 111, starting client 1/10, id: 88
round 111, starting client 2/10, id: 67
round 111, starting client 3/10, id: 99
round 111, starting client 4/10, id: 9
round 111, starting client 5/10, id: 74
round 111, starting client 6/10, id: 33
round 111, starting client 7/10, id: 27
round 111, starting client 8/10, id: 3
round 111, starting client 9/10, id: 55
round 111, starting client 10/10, id: 10
round 111, validation acc: 0.9801
starting round 112
clients: [90 37 72 89 58 93 46 78 11 9]
round 112, starting client 1/10, id: 90
round 112, starting client 2/10, id: 37
round 112, starting client 3/10, id: 72
round 112, starting client 4/10, id: 89
round 112, starting client 5/10, id: 58
round 112, starting client 6/10, id: 93
round 112, starting client 7/10, id: 46
round 112, starting client 8/10, id: 78
round 112, starting client 9/10, id: 11
round 112, starting client 10/10, id: 9
round 112, validation acc: 0.9795
starting round 113
clients: [74 11 46 15 90 24 78 70 6 72]
round 113, starting client 1/10, id: 74
round 113, starting client 2/10, id: 11
round 113, starting client 3/10, id: 46
round 113, starting client 4/10, id: 15
round 113, starting client 5/10, id: 90
round 113, starting client 6/10, id: 24
round 113, starting client 7/10, id: 78
round 113, starting client 8/10, id: 70
round 113, starting client 9/10, id: 6
round 113, starting client 10/10, id: 72
round 113, validation acc: 0.977
starting round 114
clients: [83 36 67 87 55 45 7 52 68 82]
round 114, starting client 1/10, id: 83
round 114, starting client 2/10, id: 36
round 114, starting client 3/10, id: 67
round 114, starting client 4/10, id: 87
round 114, starting client 5/10, id: 55
round 114, starting client 6/10, id: 45
round 114, starting client 7/10, id: 7
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round 114, starting client 8/10, id: 52
 round 114, starting client 9/10, id: 68
 round 114, starting client 10/10, id: 82
 round 114, validation acc: 0.9793
 starting round 115
 clients: [56 99 76 68 62 93 5 14 46 3]
 round 115, starting client 1/10, id: 56
 round 115, starting client 2/10, id: 99
 round 115, starting client 3/10, id: 76
 round 115, starting client 4/10, id: 68
 round 115, starting client 5/10, id: 62
 round 115, starting client 6/10, id: 93
 round 115, starting client 7/10, id: 5
 round 115, starting client 8/10, id: 14
 round 115, starting client 9/10, id: 46
 round 115, starting client 10/10, id: 3
 round 115, validation acc: 0.978
 starting round 116
 clients: [87 27 23 73 72 2 32 20 69 10]
 round 116, starting client 1/10, id: 87
 round 116, starting client 2/10, id: 27
 round 116, starting client 3/10, id: 23
 round 116, starting client 4/10, id: 73
 round 116, starting client 5/10, id: 72
 round 116, starting client 6/10, id: 2
 round 116, starting client 7/10, id: 32
 round 116, starting client 8/10, id: 20
 round 116, starting client 9/10, id: 69
 round 116, starting client 10/10, id: 10
 round 116, validation acc: 0.9716
 starting round 117
 clients: [62 1 57 44 54 21 81 88 43 72]
 round 117, starting client 1/10, id: 62
 round 117, starting client 2/10, id: 1
 round 117, starting client 3/10, id: 57
 round 117, starting client 4/10, id: 44
 round 117, starting client 5/10, id: 54
 round 117, starting client 6/10, id: 21
 round 117, starting client 7/10, id: 81
 round 117, starting client 8/10, id: 88
 round 117, starting client 9/10, id: 43
 round 117, starting client 10/10, id: 72
 round 117, validation acc: 0.9777
 starting round 118
 clients: [67 72 6 17 78 43 0 29 14 76]
 round 118, starting client 1/10, id: 67
 round 118, starting client 2/10, id: 72
 round 118, starting client 3/10, id: 6


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round 118, starting client 4/10, id: 17
round 118, starting client 5/10, id: 78
round 118, starting client 6/10, id: 43
round 118, starting client 7/10, id: 0
round 118, starting client 8/10, id: 29
round 118, starting client 9/10, id: 14
round 118, starting client 10/10, id: 76
round 118, validation acc: 0.9614
starting round 119
clients: [ 4 93 81 87 76 53 22 79 66 74]
round 119, starting client 1/10, id: 4
round 119, starting client 2/10, id: 93
round 119, starting client 3/10, id: 81
round 119, starting client 4/10, id: 87
round 119, starting client 5/10, id: 76
round 119, starting client 6/10, id: 53
round 119, starting client 7/10, id: 22
round 119, starting client 8/10, id: 79
round 119, starting client 9/10, id: 66
round 119, starting client 10/10, id: 74
round 119, validation acc: 0.9691
starting round 120
clients: [78 81 48 58 77 5 7 21 74 53]
round 120, starting client 1/10, id: 78
round 120, starting client 2/10, id: 81
round 120, starting client 3/10, id: 48
round 120, starting client 4/10, id: 58
round 120, starting client 5/10, id: 77
round 120, starting client 6/10, id: 5
round 120, starting client 7/10, id: 7
round 120, starting client 8/10, id: 21
round 120, starting client 9/10, id: 74
round 120, starting client 10/10, id: 53
round 120, validation acc: 0.9769
starting round 121
clients: [92 20 77 0 41 10 15 2 74 91]
round 121, starting client 1/10, id: 92
round 121, starting client 2/10, id: 20
round 121, starting client 3/10, id: 77
round 121, starting client 4/10, id: 0
round 121, starting client 5/10, id: 41
round 121, starting client 6/10, id: 10
round 121, starting client 7/10, id: 15
round 121, starting client 8/10, id: 2
round 121, starting client 9/10, id: 74
round 121, starting client 10/10, id: 91
round 121, validation acc: 0.98
starting round 122

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clients: [79 7 44 87 73 17 28 42 78 14]
round 122, starting client 1/10, id: 79
round 122, starting client 2/10, id: 7
round 122, starting client 3/10, id: 44
round 122, starting client 4/10, id: 87
round 122, starting client 5/10, id: 73
round 122, starting client 6/10, id: 17
round 122, starting client 7/10, id: 28
round 122, starting client 8/10, id: 42
round 122, starting client 9/10, id: 78
round 122, starting client 10/10, id: 14
round 122, validation acc: 0.9714
starting round 123
clients: [40 32 57 31 26 33 55 2 28 46]
round 123, starting client 1/10, id: 40
round 123, starting client 2/10, id: 32
round 123, starting client 3/10, id: 57
round 123, starting client 4/10, id: 31
round 123, starting client 5/10, id: 26
round 123, starting client 6/10, id: 33
round 123, starting client 7/10, id: 55
round 123, starting client 8/10, id: 2
round 123, starting client 9/10, id: 28
round 123, starting client 10/10, id: 46
round 123, validation acc: 0.9783
starting round 124
clients: [29 66 24 38 45 36 5 50 98 47]
round 124, starting client 1/10, id: 29
round 124, starting client 2/10, id: 66
round 124, starting client 3/10, id: 24
round 124, starting client 4/10, id: 38
round 124, starting client 5/10, id: 45
round 124, starting client 6/10, id: 36
round 124, starting client 7/10, id: 5
round 124, starting client 8/10, id: 50
round 124, starting client 9/10, id: 98
round 124, starting client 10/10, id: 47
round 124, validation acc: 0.9767
starting round 125
clients: [5 46 61 60 18 72 9 82 86 59]
round 125, starting client 1/10, id: 5
round 125, starting client 2/10, id: 46
round 125, starting client 3/10, id: 61
round 125, starting client 4/10, id: 60
round 125, starting client 5/10, id: 18
round 125, starting client 6/10, id: 72
round 125, starting client 7/10, id: 9
round 125, starting client 8/10, id: 82

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round 125, starting client 9/10, id: 86
round 125, starting client 10/10, id: 59
round 125, validation acc: 0.9803
starting round 126
clients: [31 53 57 39 44 9 34 76 77 30]
round 126, starting client 1/10, id: 31
round 126, starting client 2/10, id: 53
round 126, starting client 3/10, id: 57
round 126, starting client 4/10, id: 39
round 126, starting client 5/10, id: 44
round 126, starting client 6/10, id: 9
round 126, starting client 7/10, id: 34
round 126, starting client 8/10, id: 76
round 126, starting client 9/10, id: 77
round 126, starting client 10/10, id: 30
round 126, validation acc: 0.976
starting round 127
clients: [22 39 8 67 41 25 14 0 57 78]
round 127, starting client 1/10, id: 22
round 127, starting client 2/10, id: 39
round 127, starting client 3/10, id: 8
round 127, starting client 4/10, id: 67
round 127, starting client 5/10, id: 41
round 127, starting client 6/10, id: 25
round 127, starting client 7/10, id: 14
round 127, starting client 8/10, id: 0
round 127, starting client 9/10, id: 57
round 127, starting client 10/10, id: 78
round 127, validation acc: 0.9774
starting round 128
clients: [61 16 39 49 10 50 91 54 74 37]
round 128, starting client 1/10, id: 61
round 128, starting client 2/10, id: 16
round 128, starting client 3/10, id: 39
round 128, starting client 4/10, id: 49
round 128, starting client 5/10, id: 10
round 128, starting client 6/10, id: 50
round 128, starting client 7/10, id: 91
round 128, starting client 8/10, id: 54
round 128, starting client 9/10, id: 74
round 128, starting client 10/10, id: 37
round 128, validation acc: 0.9665
starting round 129
clients: [88 33 81 86 97 4 16 50 12 6]
round 129, starting client 1/10, id: 88
round 129, starting client 2/10, id: 33
round 129, starting client 3/10, id: 81
round 129, starting client 4/10, id: 86

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round 129, starting client 5/10, id: 97
 round 129, starting client 6/10, id: 4
 round 129, starting client 7/10, id: 16
 round 129, starting client 8/10, id: 50
 round 129, starting client 9/10, id: 12
 round 129, starting client 10/10, id: 6
 round 129, validation acc: 0.9775
 starting round 130
 clients: [4 67 66 93 18 40 0 34 61 38]
 round 130, starting client 1/10, id: 4
 round 130, starting client 2/10, id: 67
 round 130, starting client 3/10, id: 66
 round 130, starting client 4/10, id: 93
 round 130, starting client 5/10, id: 18
 round 130, starting client 6/10, id: 40
 round 130, starting client 7/10, id: 0
 round 130, starting client 8/10, id: 34
 round 130, starting client 9/10, id: 61
 round 130, starting client 10/10, id: 38
 round 130, validation acc: 0.9812
 starting round 131
 clients: [67 22 55 97 44 39 43 63 68 57]
 round 131, starting client 1/10, id: 67
 round 131, starting client 2/10, id: 22
 round 131, starting client 3/10, id: 55
 round 131, starting client 4/10, id: 97
 round 131, starting client 5/10, id: 44
 round 131, starting client 6/10, id: 39
 round 131, starting client 7/10, id: 43
 round 131, starting client 8/10, id: 63
 round 131, starting client 9/10, id: 68
 round 131, starting client 10/10, id: 57
 round 131, validation acc: 0.98
 starting round 132
 clients: [51 74 7 24 71 69 26 58 19 61]
 round 132, starting client 1/10, id: 51
 round 132, starting client 2/10, id: 74
 round 132, starting client 3/10, id: 7
 round 132, starting client 4/10, id: 24
 round 132, starting client 5/10, id: 71
 round 132, starting client 6/10, id: 69
 round 132, starting client 7/10, id: 26
 round 132, starting client 8/10, id: 58
 round 132, starting client 9/10, id: 19
 round 132, starting client 10/10, id: 61
 round 132, validation acc: 0.9777
 starting round 133
 clients: [99 50 66 79 32 91 68 7 56 36]

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round 133, starting client 1/10, id: 99
round 133, starting client 2/10, id: 50
round 133, starting client 3/10, id: 66
round 133, starting client 4/10, id: 79
round 133, starting client 5/10, id: 32
round 133, starting client 6/10, id: 91
round 133, starting client 7/10, id: 68
round 133, starting client 8/10, id: 7
round 133, starting client 9/10, id: 56
round 133, starting client 10/10, id: 36
round 133, validation acc: 0.9783
starting round 134
clients: [21 31 25 93 56 70 26 16 29 83]
round 134, starting client 1/10, id: 21
round 134, starting client 2/10, id: 31
round 134, starting client 3/10, id: 25
round 134, starting client 4/10, id: 93
round 134, starting client 5/10, id: 56
round 134, starting client 6/10, id: 70
round 134, starting client 7/10, id: 26
round 134, starting client 8/10, id: 16
round 134, starting client 9/10, id: 29
round 134, starting client 10/10, id: 83
round 134, validation acc: 0.9749
starting round 135
clients: [82 38 41 36 92 14 30 85 22 50]
round 135, starting client 1/10, id: 82
round 135, starting client 2/10, id: 38
round 135, starting client 3/10, id: 41
round 135, starting client 4/10, id: 36
round 135, starting client 5/10, id: 92
round 135, starting client 6/10, id: 14
round 135, starting client 7/10, id: 30
round 135, starting client 8/10, id: 85
round 135, starting client 9/10, id: 22
round 135, starting client 10/10, id: 50
round 135, validation acc: 0.979
starting round 136
clients: [59 42 79 97 41 18 5 75 82 45]
round 136, starting client 1/10, id: 59
round 136, starting client 2/10, id: 42
round 136, starting client 3/10, id: 79
round 136, starting client 4/10, id: 97
round 136, starting client 5/10, id: 41
round 136, starting client 6/10, id: 18
round 136, starting client 7/10, id: 5
round 136, starting client 8/10, id: 75
round 136, starting client 9/10, id: 82

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round 136, starting client 10/10, id: 45
round 136, validation acc: 0.9787
starting round 137
clients: [94 86 76 41 47 83 53 57 9 18]
round 137, starting client 1/10, id: 94
round 137, starting client 2/10, id: 86
round 137, starting client 3/10, id: 76
round 137, starting client 4/10, id: 41
round 137, starting client 5/10, id: 47
round 137, starting client 6/10, id: 83
round 137, starting client 7/10, id: 53
round 137, starting client 8/10, id: 57
round 137, starting client 9/10, id: 9
round 137, starting client 10/10, id: 18
round 137, validation acc: 0.9756
starting round 138
clients: [30 15 21 55 39 6 16 12 96 2]
round 138, starting client 1/10, id: 30
round 138, starting client 2/10, id: 15
round 138, starting client 3/10, id: 21
round 138, starting client 4/10, id: 55
round 138, starting client 5/10, id: 39
round 138, starting client 6/10, id: 6
round 138, starting client 7/10, id: 16
round 138, starting client 8/10, id: 12
round 138, starting client 9/10, id: 96
round 138, starting client 10/10, id: 2
round 138, validation acc: 0.9752
starting round 139
clients: [54 18 49 44 73 45 39 15 31 66]
round 139, starting client 1/10, id: 54
round 139, starting client 2/10, id: 18
round 139, starting client 3/10, id: 49
round 139, starting client 4/10, id: 44
round 139, starting client 5/10, id: 73
round 139, starting client 6/10, id: 45
round 139, starting client 7/10, id: 39
round 139, starting client 8/10, id: 15
round 139, starting client 9/10, id: 31
round 139, starting client 10/10, id: 66
round 139, validation acc: 0.98
starting round 140
clients: [87 38 58 53 79 21 97 51 4 35]
round 140, starting client 1/10, id: 87
round 140, starting client 2/10, id: 38
round 140, starting client 3/10, id: 58
round 140, starting client 4/10, id: 53
round 140, starting client 5/10, id: 79

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round 140, starting client 6/10, id: 21
round 140, starting client 7/10, id: 97
round 140, starting client 8/10, id: 51
round 140, starting client 9/10, id: 4
round 140, starting client 10/10, id: 35
round 140, validation acc: 0.9737
starting round 141
clients: [40 14 17 38 81 67 10 42 45 65]
round 141, starting client 1/10, id: 40
round 141, starting client 2/10, id: 14
round 141, starting client 3/10, id: 17
round 141, starting client 4/10, id: 38
round 141, starting client 5/10, id: 81
round 141, starting client 6/10, id: 67
round 141, starting client 7/10, id: 10
round 141, starting client 8/10, id: 42
round 141, starting client 9/10, id: 45
round 141, starting client 10/10, id: 65
round 141, validation acc: 0.9772
starting round 142
clients: [4 99 2 46 9 92 79 76 31 87]
round 142, starting client 1/10, id: 4
round 142, starting client 2/10, id: 99
round 142, starting client 3/10, id: 2
round 142, starting client 4/10, id: 46
round 142, starting client 5/10, id: 9
round 142, starting client 6/10, id: 92
round 142, starting client 7/10, id: 79
round 142, starting client 8/10, id: 76
round 142, starting client 9/10, id: 31
round 142, starting client 10/10, id: 87
round 142, validation acc: 0.9705
starting round 143
clients: [7 48 33 30 12 89 1 3 69 74]
round 143, starting client 1/10, id: 7
round 143, starting client 2/10, id: 48
round 143, starting client 3/10, id: 33
round 143, starting client 4/10, id: 30
round 143, starting client 5/10, id: 12
round 143, starting client 6/10, id: 89
round 143, starting client 7/10, id: 1
round 143, starting client 8/10, id: 3
round 143, starting client 9/10, id: 69
round 143, starting client 10/10, id: 74
round 143, validation acc: 0.9801
starting round 144
clients: [42 31 74 87 89 16 72 78 64 95]
round 144, starting client 1/10, id: 42

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round 144, starting client 2/10, id: 31
round 144, starting client 3/10, id: 74
round 144, starting client 4/10, id: 87
round 144, starting client 5/10, id: 89
round 144, starting client 6/10, id: 16
round 144, starting client 7/10, id: 72
round 144, starting client 8/10, id: 78
round 144, starting client 9/10, id: 64
round 144, starting client 10/10, id: 95
round 144, validation acc: 0.9794
starting round 145
clients: [18 20 77 29 62 41 69 42 88 82]
round 145, starting client 1/10, id: 18
round 145, starting client 2/10, id: 20
round 145, starting client 3/10, id: 77
round 145, starting client 4/10, id: 29
round 145, starting client 5/10, id: 62
round 145, starting client 6/10, id: 41
round 145, starting client 7/10, id: 69
round 145, starting client 8/10, id: 42
round 145, starting client 9/10, id: 88
round 145, starting client 10/10, id: 82
round 145, validation acc: 0.979
starting round 146
clients: [29 88 33 4 21 91 44 34 57 87]
round 146, starting client 1/10, id: 29
round 146, starting client 2/10, id: 88
round 146, starting client 3/10, id: 33
round 146, starting client 4/10, id: 4
round 146, starting client 5/10, id: 21
round 146, starting client 6/10, id: 91
round 146, starting client 7/10, id: 44
round 146, starting client 8/10, id: 34
round 146, starting client 9/10, id: 57
round 146, starting client 10/10, id: 87
round 146, validation acc: 0.9798
starting round 147
clients: [86 49 69 38 95 34 13 0 67 75]
round 147, starting client 1/10, id: 86
round 147, starting client 2/10, id: 49
round 147, starting client 3/10, id: 69
round 147, starting client 4/10, id: 38
round 147, starting client 5/10, id: 95
round 147, starting client 6/10, id: 34
round 147, starting client 7/10, id: 13
round 147, starting client 8/10, id: 0
round 147, starting client 9/10, id: 67
round 147, starting client 10/10, id: 75

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round 147, validation acc: 0.9827
starting round 148
clients: [34 0 46 59 98 60 92 79 61 5]
round 148, starting client 1/10, id: 34
round 148, starting client 2/10, id: 0
round 148, starting client 3/10, id: 46
round 148, starting client 4/10, id: 59
round 148, starting client 5/10, id: 98
round 148, starting client 6/10, id: 60
round 148, starting client 7/10, id: 92
round 148, starting client 8/10, id: 79
round 148, starting client 9/10, id: 61
round 148, starting client 10/10, id: 5
round 148, validation acc: 0.9808
starting round 149
clients: [80 27 92 69 75 77 21 16 31 79]
round 149, starting client 1/10, id: 80
round 149, starting client 2/10, id: 27
round 149, starting client 3/10, id: 92
round 149, starting client 4/10, id: 69
round 149, starting client 5/10, id: 75
round 149, starting client 6/10, id: 77
round 149, starting client 7/10, id: 21
round 149, starting client 8/10, id: 16
round 149, starting client 9/10, id: 31
round 149, starting client 10/10, id: 79
round 149, validation acc: 0.9791
starting round 150
clients: [3 59 90 62 67 4 0 38 52 37]
round 150, starting client 1/10, id: 3
round 150, starting client 2/10, id: 59
round 150, starting client 3/10, id: 90
round 150, starting client 4/10, id: 62
round 150, starting client 5/10, id: 67
round 150, starting client 6/10, id: 4
round 150, starting client 7/10, id: 0
round 150, starting client 8/10, id: 38
round 150, starting client 9/10, id: 52
round 150, starting client 10/10, id: 37
round 150, validation acc: 0.9788
starting round 151
clients: [79 28 9 62 38 27 60 42 37 55]
round 151, starting client 1/10, id: 79
round 151, starting client 2/10, id: 28
round 151, starting client 3/10, id: 9
round 151, starting client 4/10, id: 62
round 151, starting client 5/10, id: 38
round 151, starting client 6/10, id: 27

round 151, starting client 7/10, id: 60
 round 151, starting client 8/10, id: 42
 round 151, starting client 9/10, id: 37
 round 151, starting client 10/10, id: 55
 round 151, validation acc: 0.9825
 starting round 152
 clients: [29 74 89 64 38 46 50 36 14 2]
 round 152, starting client 1/10, id: 29
 round 152, starting client 2/10, id: 74
 round 152, starting client 3/10, id: 89
 round 152, starting client 4/10, id: 64
 round 152, starting client 5/10, id: 38
 round 152, starting client 6/10, id: 46
 round 152, starting client 7/10, id: 50
 round 152, starting client 8/10, id: 36
 round 152, starting client 9/10, id: 14
 round 152, starting client 10/10, id: 2
 round 152, validation acc: 0.9728
 starting round 153
 clients: [91 55 94 16 22 29 36 60 70 68]
 round 153, starting client 1/10, id: 91
 round 153, starting client 2/10, id: 55
 round 153, starting client 3/10, id: 94
 round 153, starting client 4/10, id: 16
 round 153, starting client 5/10, id: 22
 round 153, starting client 6/10, id: 29
 round 153, starting client 7/10, id: 36
 round 153, starting client 8/10, id: 60
 round 153, starting client 9/10, id: 70
 round 153, starting client 10/10, id: 68
 round 153, validation acc: 0.9829
 starting round 154
 clients: [26 87 32 52 80 14 0 53 98 38]
 round 154, starting client 1/10, id: 26
 round 154, starting client 2/10, id: 87
 round 154, starting client 3/10, id: 32
 round 154, starting client 4/10, id: 52
 round 154, starting client 5/10, id: 80
 round 154, starting client 6/10, id: 14
 round 154, starting client 7/10, id: 0
 round 154, starting client 8/10, id: 53
 round 154, starting client 9/10, id: 98
 round 154, starting client 10/10, id: 38
 round 154, validation acc: 0.9784
 starting round 155
 clients: [70 30 77 78 82 89 46 94 76 4]
 round 155, starting client 1/10, id: 70
 round 155, starting client 2/10, id: 30

round 155, starting client 3/10, id: 77
round 155, starting client 4/10, id: 78
round 155, starting client 5/10, id: 82
round 155, starting client 6/10, id: 89
round 155, starting client 7/10, id: 46
round 155, starting client 8/10, id: 94
round 155, starting client 9/10, id: 76
round 155, starting client 10/10, id: 4
round 155, validation acc: 0.9762
starting round 156
clients: [77 93 67 14 27 61 54 96 73 39]
round 156, starting client 1/10, id: 77
round 156, starting client 2/10, id: 93
round 156, starting client 3/10, id: 67
round 156, starting client 4/10, id: 14
round 156, starting client 5/10, id: 27
round 156, starting client 6/10, id: 61
round 156, starting client 7/10, id: 54
round 156, starting client 8/10, id: 96
round 156, starting client 9/10, id: 73
round 156, starting client 10/10, id: 39
round 156, validation acc: 0.9841
starting round 157
clients: [40 97 65 93 49 15 64 80 62 19]
round 157, starting client 1/10, id: 40
round 157, starting client 2/10, id: 97
round 157, starting client 3/10, id: 65
round 157, starting client 4/10, id: 93
round 157, starting client 5/10, id: 49
round 157, starting client 6/10, id: 15
round 157, starting client 7/10, id: 64
round 157, starting client 8/10, id: 80
round 157, starting client 9/10, id: 62
round 157, starting client 10/10, id: 19
round 157, validation acc: 0.9806
starting round 158
clients: [63 93 79 95 69 81 78 6 18 85]
round 158, starting client 1/10, id: 63
round 158, starting client 2/10, id: 93
round 158, starting client 3/10, id: 79
round 158, starting client 4/10, id: 95
round 158, starting client 5/10, id: 69
round 158, starting client 6/10, id: 81
round 158, starting client 7/10, id: 78
round 158, starting client 8/10, id: 6
round 158, starting client 9/10, id: 18
round 158, starting client 10/10, id: 85
round 158, validation acc: 0.9805

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starting round 159
clients: [50 14 32 42 19 12 5 18 16 87]
round 159, starting client 1/10, id: 50
round 159, starting client 2/10, id: 14
round 159, starting client 3/10, id: 32
round 159, starting client 4/10, id: 42
round 159, starting client 5/10, id: 19
round 159, starting client 6/10, id: 12
round 159, starting client 7/10, id: 5
round 159, starting client 8/10, id: 18
round 159, starting client 9/10, id: 16
round 159, starting client 10/10, id: 87
round 159, validation acc: 0.9796
starting round 160
clients: [49 8 79 1 87 52 29 99 84 44]
round 160, starting client 1/10, id: 49
round 160, starting client 2/10, id: 8
round 160, starting client 3/10, id: 79
round 160, starting client 4/10, id: 1
round 160, starting client 5/10, id: 87
round 160, starting client 6/10, id: 52
round 160, starting client 7/10, id: 29
round 160, starting client 8/10, id: 99
round 160, starting client 9/10, id: 84
round 160, starting client 10/10, id: 44
round 160, validation acc: 0.9758
starting round 161
clients: [23 14 6 21 11 16 39 51 10 72]
round 161, starting client 1/10, id: 23
round 161, starting client 2/10, id: 14
round 161, starting client 3/10, id: 6
round 161, starting client 4/10, id: 21
round 161, starting client 5/10, id: 11
round 161, starting client 6/10, id: 16
round 161, starting client 7/10, id: 39
round 161, starting client 8/10, id: 51
round 161, starting client 9/10, id: 10
round 161, starting client 10/10, id: 72
round 161, validation acc: 0.9856
starting round 162
clients: [20 18 51 80 34 61 6 42 78 40]
round 162, starting client 1/10, id: 20
round 162, starting client 2/10, id: 18
round 162, starting client 3/10, id: 51
round 162, starting client 4/10, id: 80
round 162, starting client 5/10, id: 34
round 162, starting client 6/10, id: 61
round 162, starting client 7/10, id: 6

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round 162, starting client 8/10, id: 42
round 162, starting client 9/10, id: 78
round 162, starting client 10/10, id: 40
round 162, validation acc: 0.9809
starting round 163
clients: [28 6 42 32 97 18 72 45 68 92]
round 163, starting client 1/10, id: 28
round 163, starting client 2/10, id: 6
round 163, starting client 3/10, id: 42
round 163, starting client 4/10, id: 32
round 163, starting client 5/10, id: 97
round 163, starting client 6/10, id: 18
round 163, starting client 7/10, id: 72
round 163, starting client 8/10, id: 45
round 163, starting client 9/10, id: 68
round 163, starting client 10/10, id: 92
round 163, validation acc: 0.9805
starting round 164
clients: [29 0 91 47 14 5 45 79 49 54]
round 164, starting client 1/10, id: 29
round 164, starting client 2/10, id: 0
round 164, starting client 3/10, id: 91
round 164, starting client 4/10, id: 47
round 164, starting client 5/10, id: 14
round 164, starting client 6/10, id: 5
round 164, starting client 7/10, id: 45
round 164, starting client 8/10, id: 79
round 164, starting client 9/10, id: 49
round 164, starting client 10/10, id: 54
round 164, validation acc: 0.9857
starting round 165
clients: [24 87 59 68 65 37 84 22 49 33]
round 165, starting client 1/10, id: 24
round 165, starting client 2/10, id: 87
round 165, starting client 3/10, id: 59
round 165, starting client 4/10, id: 68
round 165, starting client 5/10, id: 65
round 165, starting client 6/10, id: 37
round 165, starting client 7/10, id: 84
round 165, starting client 8/10, id: 22
round 165, starting client 9/10, id: 49
round 165, starting client 10/10, id: 33
round 165, validation acc: 0.9842
starting round 166
clients: [42 60 25 86 53 30 59 68 54 83]
round 166, starting client 1/10, id: 42
round 166, starting client 2/10, id: 60
round 166, starting client 3/10, id: 25

round 166, starting client 4/10, id: 86
round 166, starting client 5/10, id: 53
round 166, starting client 6/10, id: 30
round 166, starting client 7/10, id: 59
round 166, starting client 8/10, id: 68
round 166, starting client 9/10, id: 54
round 166, starting client 10/10, id: 83
round 166, validation acc: 0.9815
starting round 167
clients: [74 14 44 27 32 78 5 96 23 12]
round 167, starting client 1/10, id: 74
round 167, starting client 2/10, id: 14
round 167, starting client 3/10, id: 44
round 167, starting client 4/10, id: 27
round 167, starting client 5/10, id: 32
round 167, starting client 6/10, id: 78
round 167, starting client 7/10, id: 5
round 167, starting client 8/10, id: 96
round 167, starting client 9/10, id: 23
round 167, starting client 10/10, id: 12
round 167, validation acc: 0.9828
starting round 168
clients: [58 12 97 55 6 84 35 93 30 85]
round 168, starting client 1/10, id: 58
round 168, starting client 2/10, id: 12
round 168, starting client 3/10, id: 97
round 168, starting client 4/10, id: 55
round 168, starting client 5/10, id: 6
round 168, starting client 6/10, id: 84
round 168, starting client 7/10, id: 35
round 168, starting client 8/10, id: 93
round 168, starting client 9/10, id: 30
round 168, starting client 10/10, id: 85
round 168, validation acc: 0.9785
starting round 169
clients: [55 32 88 12 3 75 67 57 6 15]
round 169, starting client 1/10, id: 55
round 169, starting client 2/10, id: 32
round 169, starting client 3/10, id: 88
round 169, starting client 4/10, id: 12
round 169, starting client 5/10, id: 3
round 169, starting client 6/10, id: 75
round 169, starting client 7/10, id: 67
round 169, starting client 8/10, id: 57
round 169, starting client 9/10, id: 6
round 169, starting client 10/10, id: 15
round 169, validation acc: 0.9776
starting round 170

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clients: [21 13 17 71 47 68 5 45 73 39]
round 170, starting client 1/10, id: 21
round 170, starting client 2/10, id: 13
round 170, starting client 3/10, id: 17
round 170, starting client 4/10, id: 71
round 170, starting client 5/10, id: 47
round 170, starting client 6/10, id: 68
round 170, starting client 7/10, id: 5
round 170, starting client 8/10, id: 45
round 170, starting client 9/10, id: 73
round 170, starting client 10/10, id: 39
round 170, validation acc: 0.9808
starting round 171
clients: [30 71 11 68 10 77 98 86 79 33]
round 171, starting client 1/10, id: 30
round 171, starting client 2/10, id: 71
round 171, starting client 3/10, id: 11
round 171, starting client 4/10, id: 68
round 171, starting client 5/10, id: 10
round 171, starting client 6/10, id: 77
round 171, starting client 7/10, id: 98
round 171, starting client 8/10, id: 86
round 171, starting client 9/10, id: 79
round 171, starting client 10/10, id: 33
round 171, validation acc: 0.9811
starting round 172
clients: [10 38 42 96 35 73 72 61 0 24]
round 172, starting client 1/10, id: 10
round 172, starting client 2/10, id: 38
round 172, starting client 3/10, id: 42
round 172, starting client 4/10, id: 96
round 172, starting client 5/10, id: 35
round 172, starting client 6/10, id: 73
round 172, starting client 7/10, id: 72
round 172, starting client 8/10, id: 61
round 172, starting client 9/10, id: 0
round 172, starting client 10/10, id: 24
round 172, validation acc: 0.9834
starting round 173
clients: [92 38 63 21 95 28 22 80 49 7]
round 173, starting client 1/10, id: 92
round 173, starting client 2/10, id: 38
round 173, starting client 3/10, id: 63
round 173, starting client 4/10, id: 21
round 173, starting client 5/10, id: 95
round 173, starting client 6/10, id: 28
round 173, starting client 7/10, id: 22
round 173, starting client 8/10, id: 80

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round 173, starting client 9/10, id: 49
round 173, starting client 10/10, id: 7
round 173, validation acc: 0.9836
starting round 174
clients: [12 32 23 10 25 24 22 1 0 37]
round 174, starting client 1/10, id: 12
round 174, starting client 2/10, id: 32
round 174, starting client 3/10, id: 23
round 174, starting client 4/10, id: 10
round 174, starting client 5/10, id: 25
round 174, starting client 6/10, id: 24
round 174, starting client 7/10, id: 22
round 174, starting client 8/10, id: 1
round 174, starting client 9/10, id: 0
round 174, starting client 10/10, id: 37
round 174, validation acc: 0.9817
starting round 175
clients: [ 3 7 64 1 96 87 31 16 83 28]
round 175, starting client 1/10, id: 3
round 175, starting client 2/10, id: 7
round 175, starting client 3/10, id: 64
round 175, starting client 4/10, id: 1
round 175, starting client 5/10, id: 96
round 175, starting client 6/10, id: 87
round 175, starting client 7/10, id: 31
round 175, starting client 8/10, id: 16
round 175, starting client 9/10, id: 83
round 175, starting client 10/10, id: 28
round 175, validation acc: 0.983
starting round 176
clients: [11 77 65 1 29 22 34 88 90 69]
round 176, starting client 1/10, id: 11
round 176, starting client 2/10, id: 77
round 176, starting client 3/10, id: 65
round 176, starting client 4/10, id: 1
round 176, starting client 5/10, id: 29
round 176, starting client 6/10, id: 22
round 176, starting client 7/10, id: 34
round 176, starting client 8/10, id: 88
round 176, starting client 9/10, id: 90
round 176, starting client 10/10, id: 69
round 176, validation acc: 0.9851
starting round 177
clients: [77 32 44 9 54 87 57 52 91 10]
round 177, starting client 1/10, id: 77
round 177, starting client 2/10, id: 32
round 177, starting client 3/10, id: 44
round 177, starting client 4/10, id: 9

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round 177, starting client 5/10, id: 54
round 177, starting client 6/10, id: 87
round 177, starting client 7/10, id: 57
round 177, starting client 8/10, id: 52
round 177, starting client 9/10, id: 91
round 177, starting client 10/10, id: 10
round 177, validation acc: 0.9818
starting round 178
clients: [48 12 7 82 11 15 2 94 33 90]
round 178, starting client 1/10, id: 48
round 178, starting client 2/10, id: 12
round 178, starting client 3/10, id: 7
round 178, starting client 4/10, id: 82
round 178, starting client 5/10, id: 11
round 178, starting client 6/10, id: 15
round 178, starting client 7/10, id: 2
round 178, starting client 8/10, id: 94
round 178, starting client 9/10, id: 33
round 178, starting client 10/10, id: 90
round 178, validation acc: 0.9828
starting round 179
clients: [9 25 7 65 83 53 71 96 68 63]
round 179, starting client 1/10, id: 9
round 179, starting client 2/10, id: 25
round 179, starting client 3/10, id: 7
round 179, starting client 4/10, id: 65
round 179, starting client 5/10, id: 83
round 179, starting client 6/10, id: 53
round 179, starting client 7/10, id: 71
round 179, starting client 8/10, id: 96
round 179, starting client 9/10, id: 68
round 179, starting client 10/10, id: 63
round 179, validation acc: 0.9833
starting round 180
clients: [95 55 23 76 69 57 4 2 72 48]
round 180, starting client 1/10, id: 95
round 180, starting client 2/10, id: 55
round 180, starting client 3/10, id: 23
round 180, starting client 4/10, id: 76
round 180, starting client 5/10, id: 69
round 180, starting client 6/10, id: 57
round 180, starting client 7/10, id: 4
round 180, starting client 8/10, id: 2
round 180, starting client 9/10, id: 72
round 180, starting client 10/10, id: 48
round 180, validation acc: 0.9777
starting round 181
clients: [60 42 16 53 23 56 92 32 62 1]

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round 181, starting client 1/10, id: 60
round 181, starting client 2/10, id: 42
round 181, starting client 3/10, id: 16
round 181, starting client 4/10, id: 53
round 181, starting client 5/10, id: 23
round 181, starting client 6/10, id: 56
round 181, starting client 7/10, id: 92
round 181, starting client 8/10, id: 32
round 181, starting client 9/10, id: 62
round 181, starting client 10/10, id: 1
round 181, validation acc: 0.9794
starting round 182
clients: [18 59 23 85 73 84 75 63 22 52]
round 182, starting client 1/10, id: 18
round 182, starting client 2/10, id: 59
round 182, starting client 3/10, id: 23
round 182, starting client 4/10, id: 85
round 182, starting client 5/10, id: 73
round 182, starting client 6/10, id: 84
round 182, starting client 7/10, id: 75
round 182, starting client 8/10, id: 63
round 182, starting client 9/10, id: 22
round 182, starting client 10/10, id: 52
round 182, validation acc: 0.973
starting round 183
clients: [55 7 0 60 82 61 33 99 79 44]
round 183, starting client 1/10, id: 55
round 183, starting client 2/10, id: 7
round 183, starting client 3/10, id: 0
round 183, starting client 4/10, id: 60
round 183, starting client 5/10, id: 82
round 183, starting client 6/10, id: 61
round 183, starting client 7/10, id: 33
round 183, starting client 8/10, id: 99
round 183, starting client 9/10, id: 79
round 183, starting client 10/10, id: 44
round 183, validation acc: 0.981
starting round 184
clients: [80 37 99 28 96 68 17 19 42 26]
round 184, starting client 1/10, id: 80
round 184, starting client 2/10, id: 37
round 184, starting client 3/10, id: 99
round 184, starting client 4/10, id: 28
round 184, starting client 5/10, id: 96
round 184, starting client 6/10, id: 68
round 184, starting client 7/10, id: 17
round 184, starting client 8/10, id: 19
round 184, starting client 9/10, id: 42

round 184, starting client 10/10, id: 26
round 184, validation acc: 0.983
starting round 185
clients: [44 89 50 13 33 41 24 18 30 79]
round 185, starting client 1/10, id: 44
round 185, starting client 2/10, id: 89
round 185, starting client 3/10, id: 50
round 185, starting client 4/10, id: 13
round 185, starting client 5/10, id: 33
round 185, starting client 6/10, id: 41
round 185, starting client 7/10, id: 24
round 185, starting client 8/10, id: 18
round 185, starting client 9/10, id: 30
round 185, starting client 10/10, id: 79
round 185, validation acc: 0.9801
starting round 186
clients: [40 63 7 50 71 43 11 15 78 25]
round 186, starting client 1/10, id: 40
round 186, starting client 2/10, id: 63
round 186, starting client 3/10, id: 7
round 186, starting client 4/10, id: 50
round 186, starting client 5/10, id: 71
round 186, starting client 6/10, id: 43
round 186, starting client 7/10, id: 11
round 186, starting client 8/10, id: 15
round 186, starting client 9/10, id: 78
round 186, starting client 10/10, id: 25
round 186, validation acc: 0.9792
starting round 187
clients: [55 85 48 43 44 17 54 93 39 68]
round 187, starting client 1/10, id: 55
round 187, starting client 2/10, id: 85
round 187, starting client 3/10, id: 48
round 187, starting client 4/10, id: 43
round 187, starting client 5/10, id: 44
round 187, starting client 6/10, id: 17
round 187, starting client 7/10, id: 54
round 187, starting client 8/10, id: 93
round 187, starting client 9/10, id: 39
round 187, starting client 10/10, id: 68
round 187, validation acc: 0.9793
starting round 188
clients: [34 69 84 42 46 19 25 2 7 60]
round 188, starting client 1/10, id: 34
round 188, starting client 2/10, id: 69
round 188, starting client 3/10, id: 84
round 188, starting client 4/10, id: 42
round 188, starting client 5/10, id: 46

round 188, starting client 6/10, id: 19
round 188, starting client 7/10, id: 25
round 188, starting client 8/10, id: 2
round 188, starting client 9/10, id: 7
round 188, starting client 10/10, id: 60
round 188, validation acc: 0.9837
starting round 189
clients: [86 59 63 21 49 0 75 80 23 28]
round 189, starting client 1/10, id: 86
round 189, starting client 2/10, id: 59
round 189, starting client 3/10, id: 63
round 189, starting client 4/10, id: 21
round 189, starting client 5/10, id: 49
round 189, starting client 6/10, id: 0
round 189, starting client 7/10, id: 75
round 189, starting client 8/10, id: 80
round 189, starting client 9/10, id: 23
round 189, starting client 10/10, id: 28
round 189, validation acc: 0.983
starting round 190
clients: [53 61 64 82 24 62 4 19 40 5]
round 190, starting client 1/10, id: 53
round 190, starting client 2/10, id: 61
round 190, starting client 3/10, id: 64
round 190, starting client 4/10, id: 82
round 190, starting client 5/10, id: 24
round 190, starting client 6/10, id: 62
round 190, starting client 7/10, id: 4
round 190, starting client 8/10, id: 19
round 190, starting client 9/10, id: 40
round 190, starting client 10/10, id: 5
round 190, validation acc: 0.9843
starting round 191
clients: [3 38 39 83 11 12 79 33 95 67]
round 191, starting client 1/10, id: 3
round 191, starting client 2/10, id: 38
round 191, starting client 3/10, id: 39
round 191, starting client 4/10, id: 83
round 191, starting client 5/10, id: 11
round 191, starting client 6/10, id: 12
round 191, starting client 7/10, id: 79
round 191, starting client 8/10, id: 33
round 191, starting client 9/10, id: 95
round 191, starting client 10/10, id: 67
round 191, validation acc: 0.9841
starting round 192
clients: [74 7 46 16 82 87 63 38 6 88]
round 192, starting client 1/10, id: 74

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round 192, starting client 2/10, id: 7
round 192, starting client 3/10, id: 46
round 192, starting client 4/10, id: 16
round 192, starting client 5/10, id: 82
round 192, starting client 6/10, id: 87
round 192, starting client 7/10, id: 63
round 192, starting client 8/10, id: 38
round 192, starting client 9/10, id: 6
round 192, starting client 10/10, id: 88
round 192, validation acc: 0.9849
starting round 193
clients: [67 72 88 34 24 66 29 4 63 38]
round 193, starting client 1/10, id: 67
round 193, starting client 2/10, id: 72
round 193, starting client 3/10, id: 88
round 193, starting client 4/10, id: 34
round 193, starting client 5/10, id: 24
round 193, starting client 6/10, id: 66
round 193, starting client 7/10, id: 29
round 193, starting client 8/10, id: 4
round 193, starting client 9/10, id: 63
round 193, starting client 10/10, id: 38
round 193, validation acc: 0.9832
starting round 194
clients: [96 0 93 40 68 13 90 44 23 76]
round 194, starting client 1/10, id: 96
round 194, starting client 2/10, id: 0
round 194, starting client 3/10, id: 93
round 194, starting client 4/10, id: 40
round 194, starting client 5/10, id: 68
round 194, starting client 6/10, id: 13
round 194, starting client 7/10, id: 90
round 194, starting client 8/10, id: 44
round 194, starting client 9/10, id: 23
round 194, starting client 10/10, id: 76
round 194, validation acc: 0.9789
starting round 195
clients: [76 45 54 81 19 90 11 16 79 20]
round 195, starting client 1/10, id: 76
round 195, starting client 2/10, id: 45
round 195, starting client 3/10, id: 54
round 195, starting client 4/10, id: 81
round 195, starting client 5/10, id: 19
round 195, starting client 6/10, id: 90
round 195, starting client 7/10, id: 11
round 195, starting client 8/10, id: 16
round 195, starting client 9/10, id: 79
round 195, starting client 10/10, id: 20

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round 195, validation acc: 0.9853
starting round 196
clients: [62 16 67  3 23 97 86 12 10 66]
round 196, starting client 1/10, id: 62
round 196, starting client 2/10, id: 16
round 196, starting client 3/10, id: 67
round 196, starting client 4/10, id:  3
round 196, starting client 5/10, id: 23
round 196, starting client 6/10, id: 97
round 196, starting client 7/10, id: 86
round 196, starting client 8/10, id: 12
round 196, starting client 9/10, id: 10
round 196, starting client 10/10, id: 66
round 196, validation acc: 0.9855
starting round 197
clients: [69 45 92 96 67 16  7 35 73 11]
round 197, starting client 1/10, id: 69
round 197, starting client 2/10, id: 45
round 197, starting client 3/10, id: 92
round 197, starting client 4/10, id: 96
round 197, starting client 5/10, id: 67
round 197, starting client 6/10, id: 16
round 197, starting client 7/10, id:  7
round 197, starting client 8/10, id: 35
round 197, starting client 9/10, id: 73
round 197, starting client 10/10, id: 11
round 197, validation acc: 0.9855
starting round 198
clients: [10 66 12 48 82 21  9 77 25  5]
round 198, starting client 1/10, id: 10
round 198, starting client 2/10, id: 66
round 198, starting client 3/10, id: 12
round 198, starting client 4/10, id: 48
round 198, starting client 5/10, id: 82
round 198, starting client 6/10, id: 21
round 198, starting client 7/10, id:  9
round 198, starting client 8/10, id: 77
round 198, starting client 9/10, id: 25
round 198, starting client 10/10, id:  5
round 198, validation acc: 0.9819
starting round 199
clients: [91 60 46  3 94 33 75 23 83 90]
round 199, starting client 1/10, id: 91
round 199, starting client 2/10, id: 60
round 199, starting client 3/10, id: 46
round 199, starting client 4/10, id:  3
round 199, starting client 5/10, id: 94
round 199, starting client 6/10, id: 33

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round 199, starting client 7/10, id: 75
round 199, starting client 8/10, id: 23
round 199, starting client 9/10, id: 83
round 199, starting client 10/10, id: 90
round 199, validation acc: 0.985
[0.2024 0.2933 0.4912 0.6487 0.7325 0.7796 0.8144 0.8843 0.81 0.7848
 0.8106 0.777 0.8044 0.8509 0.9107 0.8131 0.8381 0.8301 0.9303 0.8736
 0.8844 0.8958 0.9003 0.906 0.8741 0.8677 0.9506 0.9442 0.863 0.9169
 0.9349 0.9344 0.9516 0.9448 0.9313 0.9249 0.9364 0.9491 0.8734 0.9397
 0.9599 0.9195 0.9207 0.9451 0.9466 0.9635 0.9563 0.9489 0.9551 0.9368
 0.9616 0.9575 0.9461 0.9579 0.9676 0.9502 0.9667 0.9656 0.9649 0.9465
 0.9682 0.9623 0.9666 0.9527 0.9584 0.9673 0.9457 0.9658 0.9612 0.9592
 0.9662 0.9711 0.9689 0.9539 0.9674 0.9686 0.9758 0.9675 0.9712 0.9643
 0.9642 0.9584 0.9637 0.9734 0.976 0.974 0.9744 0.9755 0.9765 0.9767
 0.9752 0.9649 0.9715 0.9752 0.9705 0.9737 0.968 0.9777 0.9777 0.9758
 0.9747 0.9762 0.9755 0.9729 0.9732 0.965 0.9752 0.9706 0.9671 0.9703
 0.9709 0.9801 0.9795 0.977 0.9793 0.978 0.9716 0.9777 0.9614 0.9691
 0.9769 0.98 0.9714 0.9783 0.9767 0.9803 0.976 0.9774 0.9665 0.9775
 0.9812 0.98 0.9777 0.9783 0.9749 0.979 0.9787 0.9756 0.9752 0.98
 0.9737 0.9772 0.9705 0.9801 0.9794 0.979 0.9798 0.9827 0.9808 0.9791
 0.9788 0.9825 0.9728 0.9829 0.9784 0.9762 0.9841 0.9806 0.9805 0.9796
 0.9758 0.9856 0.9809 0.9805 0.9857 0.9842 0.9815 0.9828 0.9785 0.9776
 0.9808 0.9811 0.9834 0.9836 0.9817 0.983 0.9851 0.9818 0.9828 0.9833
 0.9777 0.9794 0.973 0.981 0.983 0.9801 0.9792 0.9793 0.9837 0.983
 0.9843 0.9841 0.9849 0.9832 0.9789 0.9853 0.9855 0.9855 0.9819 0.985 ]

```

```

[68]: # CNN - non-iid - m=50 experiment
cnn_noniid_m50 = copy.deepcopy(cnn)
acc_cnn_noniid_m50 = fed_avg_experiment(cnn_noniid_m50,
    ↪ num_clients_per_round=50,
                                num_local_epochs=5,
                                lr=0.01,
                                client_train_loader =
    ↪ noniid_client_train_loader,
                                max_rounds=100,
                                filename='./acc_cnn_noniid_m50')
print(acc_cnn_noniid_m50)
np.save('./acc_cnn_noniid_m50.npy', acc_cnn_noniid_m50)

```

```

starting round 0
clients: [47 8 94 84 33 48 59 96 32 10 1 13 24 12 42 3 41 39 79 49 2 45 4
58
16 34 82 92 90 28 95 97 74 80 93 63 77 78 6 76 72 64 55 91 86 38 83 60
30 68]
round 0, starting client 1/50, id: 47
round 0, starting client 2/50, id: 8
round 0, starting client 3/50, id: 94
round 0, starting client 4/50, id: 84

```

round 0, starting client 5/50, id: 33
round 0, starting client 6/50, id: 48
round 0, starting client 7/50, id: 59
round 0, starting client 8/50, id: 96
round 0, starting client 9/50, id: 32
round 0, starting client 10/50, id: 10
round 0, starting client 11/50, id: 1
round 0, starting client 12/50, id: 13
round 0, starting client 13/50, id: 24
round 0, starting client 14/50, id: 12
round 0, starting client 15/50, id: 42
round 0, starting client 16/50, id: 3
round 0, starting client 17/50, id: 41
round 0, starting client 18/50, id: 39
round 0, starting client 19/50, id: 79
round 0, starting client 20/50, id: 49
round 0, starting client 21/50, id: 2
round 0, starting client 22/50, id: 45
round 0, starting client 23/50, id: 4
round 0, starting client 24/50, id: 58
round 0, starting client 25/50, id: 16
round 0, starting client 26/50, id: 34
round 0, starting client 27/50, id: 82
round 0, starting client 28/50, id: 92
round 0, starting client 29/50, id: 90
round 0, starting client 30/50, id: 28
round 0, starting client 31/50, id: 95
round 0, starting client 32/50, id: 97
round 0, starting client 33/50, id: 74
round 0, starting client 34/50, id: 80
round 0, starting client 35/50, id: 93
round 0, starting client 36/50, id: 63
round 0, starting client 37/50, id: 77
round 0, starting client 38/50, id: 78
round 0, starting client 39/50, id: 6
round 0, starting client 40/50, id: 76
round 0, starting client 41/50, id: 72
round 0, starting client 42/50, id: 64
round 0, starting client 43/50, id: 55
round 0, starting client 44/50, id: 91
round 0, starting client 45/50, id: 86
round 0, starting client 46/50, id: 38
round 0, starting client 47/50, id: 83
round 0, starting client 48/50, id: 60
round 0, starting client 49/50, id: 30
round 0, starting client 50/50, id: 68
round 0, validation acc: 0.2766
starting round 1

clients: [11 26 55 46 59 97 25 51 43 2 44 17 3 24 82 91 81 12 0 71 29 22 6
66
72 88 70 79 30 76 65 10 5 61 18 75 54 15 45 77 9 74 63 41 47 84 32 36
33 28]

round 1, starting client 1/50, id: 11
round 1, starting client 2/50, id: 26
round 1, starting client 3/50, id: 55
round 1, starting client 4/50, id: 46
round 1, starting client 5/50, id: 59
round 1, starting client 6/50, id: 97
round 1, starting client 7/50, id: 25
round 1, starting client 8/50, id: 51
round 1, starting client 9/50, id: 43
round 1, starting client 10/50, id: 2
round 1, starting client 11/50, id: 44
round 1, starting client 12/50, id: 17
round 1, starting client 13/50, id: 3
round 1, starting client 14/50, id: 24
round 1, starting client 15/50, id: 82
round 1, starting client 16/50, id: 91
round 1, starting client 17/50, id: 81
round 1, starting client 18/50, id: 12
round 1, starting client 19/50, id: 0
round 1, starting client 20/50, id: 71
round 1, starting client 21/50, id: 29
round 1, starting client 22/50, id: 22
round 1, starting client 23/50, id: 6
round 1, starting client 24/50, id: 66
round 1, starting client 25/50, id: 72
round 1, starting client 26/50, id: 88
round 1, starting client 27/50, id: 70
round 1, starting client 28/50, id: 79
round 1, starting client 29/50, id: 30
round 1, starting client 30/50, id: 76
round 1, starting client 31/50, id: 65
round 1, starting client 32/50, id: 10
round 1, starting client 33/50, id: 5
round 1, starting client 34/50, id: 61
round 1, starting client 35/50, id: 18
round 1, starting client 36/50, id: 75
round 1, starting client 37/50, id: 54
round 1, starting client 38/50, id: 15
round 1, starting client 39/50, id: 45
round 1, starting client 40/50, id: 77
round 1, starting client 41/50, id: 9
round 1, starting client 42/50, id: 74
round 1, starting client 43/50, id: 63
round 1, starting client 44/50, id: 41

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round 1, starting client 45/50, id: 47
round 1, starting client 46/50, id: 84
round 1, starting client 47/50, id: 32
round 1, starting client 48/50, id: 36
round 1, starting client 49/50, id: 33
round 1, starting client 50/50, id: 28
round 1, validation acc: 0.7021
starting round 2
clients: [29 11 95 88 54 62 44 65 92 24 59 20 15  4 69 91 31 78 30 89 25 17 80
53
27 72 57  8 18 13 82 93 14 50 19 87 71 12  1 10 76 94 40  0 47 90 64 41
33 96]
round 2, starting client 1/50, id: 29
round 2, starting client 2/50, id: 11
round 2, starting client 3/50, id: 95
round 2, starting client 4/50, id: 88
round 2, starting client 5/50, id: 54
round 2, starting client 6/50, id: 62
round 2, starting client 7/50, id: 44
round 2, starting client 8/50, id: 65
round 2, starting client 9/50, id: 92
round 2, starting client 10/50, id: 24
round 2, starting client 11/50, id: 59
round 2, starting client 12/50, id: 20
round 2, starting client 13/50, id: 15
round 2, starting client 14/50, id: 4
round 2, starting client 15/50, id: 69
round 2, starting client 16/50, id: 91
round 2, starting client 17/50, id: 31
round 2, starting client 18/50, id: 78
round 2, starting client 19/50, id: 30
round 2, starting client 20/50, id: 89
round 2, starting client 21/50, id: 25
round 2, starting client 22/50, id: 17
round 2, starting client 23/50, id: 80
round 2, starting client 24/50, id: 53
round 2, starting client 25/50, id: 27
round 2, starting client 26/50, id: 72
round 2, starting client 27/50, id: 57
round 2, starting client 28/50, id: 8
round 2, starting client 29/50, id: 18
round 2, starting client 30/50, id: 13
round 2, starting client 31/50, id: 82
round 2, starting client 32/50, id: 93
round 2, starting client 33/50, id: 14
round 2, starting client 34/50, id: 50
round 2, starting client 35/50, id: 19
round 2, starting client 36/50, id: 87

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round 2, starting client 37/50, id: 71
round 2, starting client 38/50, id: 12
round 2, starting client 39/50, id: 1
round 2, starting client 40/50, id: 10
round 2, starting client 41/50, id: 76
round 2, starting client 42/50, id: 94
round 2, starting client 43/50, id: 40
round 2, starting client 44/50, id: 0
round 2, starting client 45/50, id: 47
round 2, starting client 46/50, id: 90
round 2, starting client 47/50, id: 64
round 2, starting client 48/50, id: 41
round 2, starting client 49/50, id: 33
round 2, starting client 50/50, id: 96
round 2, validation acc: 0.7362
starting round 3
clients: [69 15 64 9 89 24 22 58 85 8 91 40 73 43 88 27 3 51 36 65 38 77 95
4
45 11 1 14 2 49 72 63 84 48 75 32 21 25 18 81 54 98 66 0 6 47 93 52
68 12]
round 3, starting client 1/50, id: 69
round 3, starting client 2/50, id: 15
round 3, starting client 3/50, id: 64
round 3, starting client 4/50, id: 9
round 3, starting client 5/50, id: 89
round 3, starting client 6/50, id: 24
round 3, starting client 7/50, id: 22
round 3, starting client 8/50, id: 58
round 3, starting client 9/50, id: 85
round 3, starting client 10/50, id: 8
round 3, starting client 11/50, id: 91
round 3, starting client 12/50, id: 40
round 3, starting client 13/50, id: 73
round 3, starting client 14/50, id: 43
round 3, starting client 15/50, id: 88
round 3, starting client 16/50, id: 27
round 3, starting client 17/50, id: 3
round 3, starting client 18/50, id: 51
round 3, starting client 19/50, id: 36
round 3, starting client 20/50, id: 65
round 3, starting client 21/50, id: 38
round 3, starting client 22/50, id: 77
round 3, starting client 23/50, id: 95
round 3, starting client 24/50, id: 4
round 3, starting client 25/50, id: 45
round 3, starting client 26/50, id: 11
round 3, starting client 27/50, id: 1
round 3, starting client 28/50, id: 14

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round 3, starting client 29/50, id: 2
round 3, starting client 30/50, id: 49
round 3, starting client 31/50, id: 72
round 3, starting client 32/50, id: 63
round 3, starting client 33/50, id: 84
round 3, starting client 34/50, id: 48
round 3, starting client 35/50, id: 75
round 3, starting client 36/50, id: 32
round 3, starting client 37/50, id: 21
round 3, starting client 38/50, id: 25
round 3, starting client 39/50, id: 18
round 3, starting client 40/50, id: 81
round 3, starting client 41/50, id: 54
round 3, starting client 42/50, id: 98
round 3, starting client 43/50, id: 66
round 3, starting client 44/50, id: 0
round 3, starting client 45/50, id: 6
round 3, starting client 46/50, id: 47
round 3, starting client 47/50, id: 93
round 3, starting client 48/50, id: 52
round 3, starting client 49/50, id: 68
round 3, starting client 50/50, id: 12
round 3, validation acc: 0.8269
starting round 4
clients: [13 99 85 54 5 84 89 64 61 42 7 24 79 68 97 55 76 34 73 94 63 66 25
57
77 14 33 53 91 44 86 82 83 36 35 62 11 45 1 29 10 65 30 2 74 38 37 78
17 46]
round 4, starting client 1/50, id: 13
round 4, starting client 2/50, id: 99
round 4, starting client 3/50, id: 85
round 4, starting client 4/50, id: 54
round 4, starting client 5/50, id: 5
round 4, starting client 6/50, id: 84
round 4, starting client 7/50, id: 89
round 4, starting client 8/50, id: 64
round 4, starting client 9/50, id: 61
round 4, starting client 10/50, id: 42
round 4, starting client 11/50, id: 7
round 4, starting client 12/50, id: 24
round 4, starting client 13/50, id: 79
round 4, starting client 14/50, id: 68
round 4, starting client 15/50, id: 97
round 4, starting client 16/50, id: 55
round 4, starting client 17/50, id: 76
round 4, starting client 18/50, id: 34
round 4, starting client 19/50, id: 73
round 4, starting client 20/50, id: 94

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round 4, starting client 21/50, id: 63
round 4, starting client 22/50, id: 66
round 4, starting client 23/50, id: 25
round 4, starting client 24/50, id: 57
round 4, starting client 25/50, id: 77
round 4, starting client 26/50, id: 14
round 4, starting client 27/50, id: 33
round 4, starting client 28/50, id: 53
round 4, starting client 29/50, id: 91
round 4, starting client 30/50, id: 44
round 4, starting client 31/50, id: 86
round 4, starting client 32/50, id: 82
round 4, starting client 33/50, id: 83
round 4, starting client 34/50, id: 36
round 4, starting client 35/50, id: 35
round 4, starting client 36/50, id: 62
round 4, starting client 37/50, id: 11
round 4, starting client 38/50, id: 45
round 4, starting client 39/50, id: 1
round 4, starting client 40/50, id: 29
round 4, starting client 41/50, id: 10
round 4, starting client 42/50, id: 65
round 4, starting client 43/50, id: 30
round 4, starting client 44/50, id: 2
round 4, starting client 45/50, id: 74
round 4, starting client 46/50, id: 38
round 4, starting client 47/50, id: 37
round 4, starting client 48/50, id: 78
round 4, starting client 49/50, id: 17
round 4, starting client 50/50, id: 46
round 4, validation acc: 0.8887
starting round 5
clients: [96 80 52 23 17 5 69 98 4 48 27 60 31 22 90 78 76 83 57 25 71 2 51
93
58 72 29 19 74 61 94 84 67 64 3 89 66 56 55 37 40 14 85 0 8 32 65 1
70 91]
round 5, starting client 1/50, id: 96
round 5, starting client 2/50, id: 80
round 5, starting client 3/50, id: 52
round 5, starting client 4/50, id: 23
round 5, starting client 5/50, id: 17
round 5, starting client 6/50, id: 5
round 5, starting client 7/50, id: 69
round 5, starting client 8/50, id: 98
round 5, starting client 9/50, id: 4
round 5, starting client 10/50, id: 48
round 5, starting client 11/50, id: 27
round 5, starting client 12/50, id: 60

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round 5, starting client 13/50, id: 31
round 5, starting client 14/50, id: 22
round 5, starting client 15/50, id: 90
round 5, starting client 16/50, id: 78
round 5, starting client 17/50, id: 76
round 5, starting client 18/50, id: 83
round 5, starting client 19/50, id: 57
round 5, starting client 20/50, id: 25
round 5, starting client 21/50, id: 71
round 5, starting client 22/50, id: 2
round 5, starting client 23/50, id: 51
round 5, starting client 24/50, id: 93
round 5, starting client 25/50, id: 58
round 5, starting client 26/50, id: 72
round 5, starting client 27/50, id: 29
round 5, starting client 28/50, id: 19
round 5, starting client 29/50, id: 74
round 5, starting client 30/50, id: 61
round 5, starting client 31/50, id: 94
round 5, starting client 32/50, id: 84
round 5, starting client 33/50, id: 67
round 5, starting client 34/50, id: 64
round 5, starting client 35/50, id: 3
round 5, starting client 36/50, id: 89
round 5, starting client 37/50, id: 66
round 5, starting client 38/50, id: 56
round 5, starting client 39/50, id: 55
round 5, starting client 40/50, id: 37
round 5, starting client 41/50, id: 40
round 5, starting client 42/50, id: 14
round 5, starting client 43/50, id: 85
round 5, starting client 44/50, id: 0
round 5, starting client 45/50, id: 8
round 5, starting client 46/50, id: 32
round 5, starting client 47/50, id: 65
round 5, starting client 48/50, id: 1
round 5, starting client 49/50, id: 70
round 5, starting client 50/50, id: 91
round 5, validation acc: 0.8766
starting round 6
clients: [94 42 92 62 8 13 70 85 7 54 61 0 67 19 39 2 71 30 48 11 32 16 38
20
66 75 49 59 63 10 55 21 47 80 12 58 22 86 57 84 34 37 4 82 43 69 53 90
15 35]
round 6, starting client 1/50, id: 94
round 6, starting client 2/50, id: 42
round 6, starting client 3/50, id: 92
round 6, starting client 4/50, id: 62

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round 6, starting client 5/50, id: 8
round 6, starting client 6/50, id: 13
round 6, starting client 7/50, id: 70
round 6, starting client 8/50, id: 85
round 6, starting client 9/50, id: 7
round 6, starting client 10/50, id: 54
round 6, starting client 11/50, id: 61
round 6, starting client 12/50, id: 0
round 6, starting client 13/50, id: 67
round 6, starting client 14/50, id: 19
round 6, starting client 15/50, id: 39
round 6, starting client 16/50, id: 2
round 6, starting client 17/50, id: 71
round 6, starting client 18/50, id: 30
round 6, starting client 19/50, id: 48
round 6, starting client 20/50, id: 11
round 6, starting client 21/50, id: 32
round 6, starting client 22/50, id: 16
round 6, starting client 23/50, id: 38
round 6, starting client 24/50, id: 20
round 6, starting client 25/50, id: 66
round 6, starting client 26/50, id: 75
round 6, starting client 27/50, id: 49
round 6, starting client 28/50, id: 59
round 6, starting client 29/50, id: 63
round 6, starting client 30/50, id: 10
round 6, starting client 31/50, id: 55
round 6, starting client 32/50, id: 21
round 6, starting client 33/50, id: 47
round 6, starting client 34/50, id: 80
round 6, starting client 35/50, id: 12
round 6, starting client 36/50, id: 58
round 6, starting client 37/50, id: 22
round 6, starting client 38/50, id: 86
round 6, starting client 39/50, id: 57
round 6, starting client 40/50, id: 84
round 6, starting client 41/50, id: 34
round 6, starting client 42/50, id: 37
round 6, starting client 43/50, id: 4
round 6, starting client 44/50, id: 82
round 6, starting client 45/50, id: 43
round 6, starting client 46/50, id: 69
round 6, starting client 47/50, id: 53
round 6, starting client 48/50, id: 90
round 6, starting client 49/50, id: 15
round 6, starting client 50/50, id: 35
round 6, validation acc: 0.8864
starting round 7

clients: [37 35 14 88 38 63 39 47 10 72 48 93 50 11 99 13 40 34 68 24 15 12 70
77

42 54 16 98 80 45 23 66 90 75 83 97 22 82 25 62 21 1 96 43 51 7 53 46
76 91]

round 7, starting client 1/50, id: 37
round 7, starting client 2/50, id: 35
round 7, starting client 3/50, id: 14
round 7, starting client 4/50, id: 88
round 7, starting client 5/50, id: 38
round 7, starting client 6/50, id: 63
round 7, starting client 7/50, id: 39
round 7, starting client 8/50, id: 47
round 7, starting client 9/50, id: 10
round 7, starting client 10/50, id: 72
round 7, starting client 11/50, id: 48
round 7, starting client 12/50, id: 93
round 7, starting client 13/50, id: 50
round 7, starting client 14/50, id: 11
round 7, starting client 15/50, id: 99
round 7, starting client 16/50, id: 13
round 7, starting client 17/50, id: 40
round 7, starting client 18/50, id: 34
round 7, starting client 19/50, id: 68
round 7, starting client 20/50, id: 24
round 7, starting client 21/50, id: 15
round 7, starting client 22/50, id: 12
round 7, starting client 23/50, id: 70
round 7, starting client 24/50, id: 77
round 7, starting client 25/50, id: 42
round 7, starting client 26/50, id: 54
round 7, starting client 27/50, id: 16
round 7, starting client 28/50, id: 98
round 7, starting client 29/50, id: 80
round 7, starting client 30/50, id: 45
round 7, starting client 31/50, id: 23
round 7, starting client 32/50, id: 66
round 7, starting client 33/50, id: 90
round 7, starting client 34/50, id: 75
round 7, starting client 35/50, id: 83
round 7, starting client 36/50, id: 97
round 7, starting client 37/50, id: 22
round 7, starting client 38/50, id: 82
round 7, starting client 39/50, id: 25
round 7, starting client 40/50, id: 62
round 7, starting client 41/50, id: 21
round 7, starting client 42/50, id: 1
round 7, starting client 43/50, id: 96
round 7, starting client 44/50, id: 43


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round 7, starting client 45/50, id: 51
round 7, starting client 46/50, id: 7
round 7, starting client 47/50, id: 53
round 7, starting client 48/50, id: 46
round 7, starting client 49/50, id: 76
round 7, starting client 50/50, id: 91
round 7, validation acc: 0.9103
starting round 8
clients: [93 35 21 94 96 58 76 36 45 56 12 15 32 26 22 69 27 95 46 51 65 79 71
11
44 33 39 29 54 24 81 49 23 64 87 7 2 85 19 31 9 4 5 18 84 3 92 47
1 66]
round 8, starting client 1/50, id: 93
round 8, starting client 2/50, id: 35
round 8, starting client 3/50, id: 21
round 8, starting client 4/50, id: 94
round 8, starting client 5/50, id: 96
round 8, starting client 6/50, id: 58
round 8, starting client 7/50, id: 76
round 8, starting client 8/50, id: 36
round 8, starting client 9/50, id: 45
round 8, starting client 10/50, id: 56
round 8, starting client 11/50, id: 12
round 8, starting client 12/50, id: 15
round 8, starting client 13/50, id: 32
round 8, starting client 14/50, id: 26
round 8, starting client 15/50, id: 22
round 8, starting client 16/50, id: 69
round 8, starting client 17/50, id: 27
round 8, starting client 18/50, id: 95
round 8, starting client 19/50, id: 46
round 8, starting client 20/50, id: 51
round 8, starting client 21/50, id: 65
round 8, starting client 22/50, id: 79
round 8, starting client 23/50, id: 71
round 8, starting client 24/50, id: 11
round 8, starting client 25/50, id: 44
round 8, starting client 26/50, id: 33
round 8, starting client 27/50, id: 39
round 8, starting client 28/50, id: 29
round 8, starting client 29/50, id: 54
round 8, starting client 30/50, id: 24
round 8, starting client 31/50, id: 81
round 8, starting client 32/50, id: 49
round 8, starting client 33/50, id: 23
round 8, starting client 34/50, id: 64
round 8, starting client 35/50, id: 87
round 8, starting client 36/50, id: 7

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round 8, starting client 37/50, id: 2
round 8, starting client 38/50, id: 85
round 8, starting client 39/50, id: 19
round 8, starting client 40/50, id: 31
round 8, starting client 41/50, id: 9
round 8, starting client 42/50, id: 4
round 8, starting client 43/50, id: 5
round 8, starting client 44/50, id: 18
round 8, starting client 45/50, id: 84
round 8, starting client 46/50, id: 3
round 8, starting client 47/50, id: 92
round 8, starting client 48/50, id: 47
round 8, starting client 49/50, id: 1
round 8, starting client 50/50, id: 66
round 8, validation acc: 0.9084
starting round 9
clients: [89 45 56 3 8 53 67 1 10 71 79 15 59 88 62 21 30 76 2 97 90 84 69
17
66 29 96 73 4 57 32 83 16 78 22 27 31 6 51 99 98 63 48 18 41 52 0 33
14 81]
round 9, starting client 1/50, id: 89
round 9, starting client 2/50, id: 45
round 9, starting client 3/50, id: 56
round 9, starting client 4/50, id: 3
round 9, starting client 5/50, id: 8
round 9, starting client 6/50, id: 53
round 9, starting client 7/50, id: 67
round 9, starting client 8/50, id: 1
round 9, starting client 9/50, id: 10
round 9, starting client 10/50, id: 71
round 9, starting client 11/50, id: 79
round 9, starting client 12/50, id: 15
round 9, starting client 13/50, id: 59
round 9, starting client 14/50, id: 88
round 9, starting client 15/50, id: 62
round 9, starting client 16/50, id: 21
round 9, starting client 17/50, id: 30
round 9, starting client 18/50, id: 76
round 9, starting client 19/50, id: 2
round 9, starting client 20/50, id: 97
round 9, starting client 21/50, id: 90
round 9, starting client 22/50, id: 84
round 9, starting client 23/50, id: 69
round 9, starting client 24/50, id: 17
round 9, starting client 25/50, id: 66
round 9, starting client 26/50, id: 29
round 9, starting client 27/50, id: 96
round 9, starting client 28/50, id: 73

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round 9, starting client 29/50, id: 4
round 9, starting client 30/50, id: 57
round 9, starting client 31/50, id: 32
round 9, starting client 32/50, id: 83
round 9, starting client 33/50, id: 16
round 9, starting client 34/50, id: 78
round 9, starting client 35/50, id: 22
round 9, starting client 36/50, id: 27
round 9, starting client 37/50, id: 31
round 9, starting client 38/50, id: 6
round 9, starting client 39/50, id: 51
round 9, starting client 40/50, id: 99
round 9, starting client 41/50, id: 98
round 9, starting client 42/50, id: 63
round 9, starting client 43/50, id: 48
round 9, starting client 44/50, id: 18
round 9, starting client 45/50, id: 41
round 9, starting client 46/50, id: 52
round 9, starting client 47/50, id: 0
round 9, starting client 48/50, id: 33
round 9, starting client 49/50, id: 14
round 9, starting client 50/50, id: 81
round 9, validation acc: 0.8914
starting round 10
clients: [67 54 35 13 15 44 46 45 1 53 47 98 22 9 12 99 59 34 62 83 24 66 6
69
0 87 16 26 40 38 89 71 91 65 29 94 90 72 4 32 23 11 79 3 50 76 75 48
10 18]
round 10, starting client 1/50, id: 67
round 10, starting client 2/50, id: 54
round 10, starting client 3/50, id: 35
round 10, starting client 4/50, id: 13
round 10, starting client 5/50, id: 15
round 10, starting client 6/50, id: 44
round 10, starting client 7/50, id: 46
round 10, starting client 8/50, id: 45
round 10, starting client 9/50, id: 1
round 10, starting client 10/50, id: 53
round 10, starting client 11/50, id: 47
round 10, starting client 12/50, id: 98
round 10, starting client 13/50, id: 22
round 10, starting client 14/50, id: 9
round 10, starting client 15/50, id: 12
round 10, starting client 16/50, id: 99
round 10, starting client 17/50, id: 59
round 10, starting client 18/50, id: 34
round 10, starting client 19/50, id: 62
round 10, starting client 20/50, id: 83

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round 10, starting client 21/50, id: 24
round 10, starting client 22/50, id: 66
round 10, starting client 23/50, id: 6
round 10, starting client 24/50, id: 69
round 10, starting client 25/50, id: 0
round 10, starting client 26/50, id: 87
round 10, starting client 27/50, id: 16
round 10, starting client 28/50, id: 26
round 10, starting client 29/50, id: 40
round 10, starting client 30/50, id: 38
round 10, starting client 31/50, id: 89
round 10, starting client 32/50, id: 71
round 10, starting client 33/50, id: 91
round 10, starting client 34/50, id: 65
round 10, starting client 35/50, id: 29
round 10, starting client 36/50, id: 94
round 10, starting client 37/50, id: 90
round 10, starting client 38/50, id: 72
round 10, starting client 39/50, id: 4
round 10, starting client 40/50, id: 32
round 10, starting client 41/50, id: 23
round 10, starting client 42/50, id: 11
round 10, starting client 43/50, id: 79
round 10, starting client 44/50, id: 3
round 10, starting client 45/50, id: 50
round 10, starting client 46/50, id: 76
round 10, starting client 47/50, id: 75
round 10, starting client 48/50, id: 48
round 10, starting client 49/50, id: 10
round 10, starting client 50/50, id: 18
round 10, validation acc: 0.9249
starting round 11
clients: [92 99 59 54 31 53 66 17 37 69 34 79 4 63 8 89 15 33 41 11 85 38 74
68
52 44 73 91 13 7 49 71 25 61 86 48 43 90 56 45 32 82 80 87 78 65 76 98
77 70]
round 11, starting client 1/50, id: 92
round 11, starting client 2/50, id: 99
round 11, starting client 3/50, id: 59
round 11, starting client 4/50, id: 54
round 11, starting client 5/50, id: 31
round 11, starting client 6/50, id: 53
round 11, starting client 7/50, id: 66
round 11, starting client 8/50, id: 17
round 11, starting client 9/50, id: 37
round 11, starting client 10/50, id: 69
round 11, starting client 11/50, id: 34
round 11, starting client 12/50, id: 79

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round 11, starting client 13/50, id: 4
round 11, starting client 14/50, id: 63
round 11, starting client 15/50, id: 8
round 11, starting client 16/50, id: 89
round 11, starting client 17/50, id: 15
round 11, starting client 18/50, id: 33
round 11, starting client 19/50, id: 41
round 11, starting client 20/50, id: 11
round 11, starting client 21/50, id: 85
round 11, starting client 22/50, id: 38
round 11, starting client 23/50, id: 74
round 11, starting client 24/50, id: 68
round 11, starting client 25/50, id: 52
round 11, starting client 26/50, id: 44
round 11, starting client 27/50, id: 73
round 11, starting client 28/50, id: 91
round 11, starting client 29/50, id: 13
round 11, starting client 30/50, id: 7
round 11, starting client 31/50, id: 49
round 11, starting client 32/50, id: 71
round 11, starting client 33/50, id: 25
round 11, starting client 34/50, id: 61
round 11, starting client 35/50, id: 86
round 11, starting client 36/50, id: 48
round 11, starting client 37/50, id: 43
round 11, starting client 38/50, id: 90
round 11, starting client 39/50, id: 56
round 11, starting client 40/50, id: 45
round 11, starting client 41/50, id: 32
round 11, starting client 42/50, id: 82
round 11, starting client 43/50, id: 80
round 11, starting client 44/50, id: 87
round 11, starting client 45/50, id: 78
round 11, starting client 46/50, id: 65
round 11, starting client 47/50, id: 76
round 11, starting client 48/50, id: 98
round 11, starting client 49/50, id: 77
round 11, starting client 50/50, id: 70
round 11, validation acc: 0.9274
starting round 12
clients: [81 72 61 57 20 91 65 45 70 32 8 21 60 26 41 25 84 3 97 29 39 85 98
68
78 12 88 54 27 24 96 58 5 16 46 93 51 67 38 18 50 28 4 11 73 15 69 53
74 75]
round 12, starting client 1/50, id: 81
round 12, starting client 2/50, id: 72
round 12, starting client 3/50, id: 61
round 12, starting client 4/50, id: 57

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round 12, starting client 5/50, id: 20
round 12, starting client 6/50, id: 91
round 12, starting client 7/50, id: 65
round 12, starting client 8/50, id: 45
round 12, starting client 9/50, id: 70
round 12, starting client 10/50, id: 32
round 12, starting client 11/50, id: 8
round 12, starting client 12/50, id: 21
round 12, starting client 13/50, id: 60
round 12, starting client 14/50, id: 26
round 12, starting client 15/50, id: 41
round 12, starting client 16/50, id: 25
round 12, starting client 17/50, id: 84
round 12, starting client 18/50, id: 3
round 12, starting client 19/50, id: 97
round 12, starting client 20/50, id: 29
round 12, starting client 21/50, id: 39
round 12, starting client 22/50, id: 85
round 12, starting client 23/50, id: 98
round 12, starting client 24/50, id: 68
round 12, starting client 25/50, id: 78
round 12, starting client 26/50, id: 12
round 12, starting client 27/50, id: 88
round 12, starting client 28/50, id: 54
round 12, starting client 29/50, id: 27
round 12, starting client 30/50, id: 24
round 12, starting client 31/50, id: 96
round 12, starting client 32/50, id: 58
round 12, starting client 33/50, id: 5
round 12, starting client 34/50, id: 16
round 12, starting client 35/50, id: 46
round 12, starting client 36/50, id: 93
round 12, starting client 37/50, id: 51
round 12, starting client 38/50, id: 67
round 12, starting client 39/50, id: 38
round 12, starting client 40/50, id: 18
round 12, starting client 41/50, id: 50
round 12, starting client 42/50, id: 28
round 12, starting client 43/50, id: 4
round 12, starting client 44/50, id: 11
round 12, starting client 45/50, id: 73
round 12, starting client 46/50, id: 15
round 12, starting client 47/50, id: 69
round 12, starting client 48/50, id: 53
round 12, starting client 49/50, id: 74
round 12, starting client 50/50, id: 75
round 12, validation acc: 0.9326
starting round 13

clients: [7 27 37 71 8 79 43 82 84 10 78 3 14 57 34 42 54 36 81 88 52 63 67
39
24 51 35 85 49 25 13 59 87 68 22 56 60 73 92 11 46 47 45 18 91 30 17 86
40 96]

round 13, starting client 1/50, id: 7
round 13, starting client 2/50, id: 27
round 13, starting client 3/50, id: 37
round 13, starting client 4/50, id: 71
round 13, starting client 5/50, id: 8
round 13, starting client 6/50, id: 79
round 13, starting client 7/50, id: 43
round 13, starting client 8/50, id: 82
round 13, starting client 9/50, id: 84
round 13, starting client 10/50, id: 10
round 13, starting client 11/50, id: 78
round 13, starting client 12/50, id: 3
round 13, starting client 13/50, id: 14
round 13, starting client 14/50, id: 57
round 13, starting client 15/50, id: 34
round 13, starting client 16/50, id: 42
round 13, starting client 17/50, id: 54
round 13, starting client 18/50, id: 36
round 13, starting client 19/50, id: 81
round 13, starting client 20/50, id: 88
round 13, starting client 21/50, id: 52
round 13, starting client 22/50, id: 63
round 13, starting client 23/50, id: 67
round 13, starting client 24/50, id: 39
round 13, starting client 25/50, id: 24
round 13, starting client 26/50, id: 51
round 13, starting client 27/50, id: 35
round 13, starting client 28/50, id: 85
round 13, starting client 29/50, id: 49
round 13, starting client 30/50, id: 25
round 13, starting client 31/50, id: 13
round 13, starting client 32/50, id: 59
round 13, starting client 33/50, id: 87
round 13, starting client 34/50, id: 68
round 13, starting client 35/50, id: 22
round 13, starting client 36/50, id: 56
round 13, starting client 37/50, id: 60
round 13, starting client 38/50, id: 73
round 13, starting client 39/50, id: 92
round 13, starting client 40/50, id: 11
round 13, starting client 41/50, id: 46
round 13, starting client 42/50, id: 47
round 13, starting client 43/50, id: 45
round 13, starting client 44/50, id: 18

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round 13, starting client 45/50, id: 91
round 13, starting client 46/50, id: 30
round 13, starting client 47/50, id: 17
round 13, starting client 48/50, id: 86
round 13, starting client 49/50, id: 40
round 13, starting client 50/50, id: 96
round 13, validation acc: 0.9334
starting round 14
clients: [34 15 45 82 69 43 46 60 52 63 54 47 90 0 30 50 70 80 81 25 96 64 77
53
88 7 1 27 78 8 93 23 32 14 71 4 83 76 5 49 79 13 91 17 94 9 39 99
38 22]
round 14, starting client 1/50, id: 34
round 14, starting client 2/50, id: 15
round 14, starting client 3/50, id: 45
round 14, starting client 4/50, id: 82
round 14, starting client 5/50, id: 69
round 14, starting client 6/50, id: 43
round 14, starting client 7/50, id: 46
round 14, starting client 8/50, id: 60
round 14, starting client 9/50, id: 52
round 14, starting client 10/50, id: 63
round 14, starting client 11/50, id: 54
round 14, starting client 12/50, id: 47
round 14, starting client 13/50, id: 90
round 14, starting client 14/50, id: 0
round 14, starting client 15/50, id: 30
round 14, starting client 16/50, id: 50
round 14, starting client 17/50, id: 70
round 14, starting client 18/50, id: 80
round 14, starting client 19/50, id: 81
round 14, starting client 20/50, id: 25
round 14, starting client 21/50, id: 96
round 14, starting client 22/50, id: 64
round 14, starting client 23/50, id: 77
round 14, starting client 24/50, id: 53
round 14, starting client 25/50, id: 88
round 14, starting client 26/50, id: 7
round 14, starting client 27/50, id: 1
round 14, starting client 28/50, id: 27
round 14, starting client 29/50, id: 78
round 14, starting client 30/50, id: 8
round 14, starting client 31/50, id: 93
round 14, starting client 32/50, id: 23
round 14, starting client 33/50, id: 32
round 14, starting client 34/50, id: 14
round 14, starting client 35/50, id: 71
round 14, starting client 36/50, id: 4

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round 14, starting client 37/50, id: 83
round 14, starting client 38/50, id: 76
round 14, starting client 39/50, id: 5
round 14, starting client 40/50, id: 49
round 14, starting client 41/50, id: 79
round 14, starting client 42/50, id: 13
round 14, starting client 43/50, id: 91
round 14, starting client 44/50, id: 17
round 14, starting client 45/50, id: 94
round 14, starting client 46/50, id: 9
round 14, starting client 47/50, id: 39
round 14, starting client 48/50, id: 99
round 14, starting client 49/50, id: 38
round 14, starting client 50/50, id: 22
round 14, validation acc: 0.9427
starting round 15
clients: [99 55 46 54 36 16 2 78 48 10 49 27 60 39 89 94 11 91 44 88 12 23 50
31
76 81 9 65 35 37 24 69 34 7 59 22 40 66 63 96 57 93 15 75 38 1 43 45
21 70]
round 15, starting client 1/50, id: 99
round 15, starting client 2/50, id: 55
round 15, starting client 3/50, id: 46
round 15, starting client 4/50, id: 54
round 15, starting client 5/50, id: 36
round 15, starting client 6/50, id: 16
round 15, starting client 7/50, id: 2
round 15, starting client 8/50, id: 78
round 15, starting client 9/50, id: 48
round 15, starting client 10/50, id: 10
round 15, starting client 11/50, id: 49
round 15, starting client 12/50, id: 27
round 15, starting client 13/50, id: 60
round 15, starting client 14/50, id: 39
round 15, starting client 15/50, id: 89
round 15, starting client 16/50, id: 94
round 15, starting client 17/50, id: 11
round 15, starting client 18/50, id: 91
round 15, starting client 19/50, id: 44
round 15, starting client 20/50, id: 88
round 15, starting client 21/50, id: 12
round 15, starting client 22/50, id: 23
round 15, starting client 23/50, id: 50
round 15, starting client 24/50, id: 31
round 15, starting client 25/50, id: 76
round 15, starting client 26/50, id: 81
round 15, starting client 27/50, id: 9
round 15, starting client 28/50, id: 65

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round 15, starting client 29/50, id: 35
round 15, starting client 30/50, id: 37
round 15, starting client 31/50, id: 24
round 15, starting client 32/50, id: 69
round 15, starting client 33/50, id: 34
round 15, starting client 34/50, id: 7
round 15, starting client 35/50, id: 59
round 15, starting client 36/50, id: 22
round 15, starting client 37/50, id: 40
round 15, starting client 38/50, id: 66
round 15, starting client 39/50, id: 63
round 15, starting client 40/50, id: 96
round 15, starting client 41/50, id: 57
round 15, starting client 42/50, id: 93
round 15, starting client 43/50, id: 15
round 15, starting client 44/50, id: 75
round 15, starting client 45/50, id: 38
round 15, starting client 46/50, id: 1
round 15, starting client 47/50, id: 43
round 15, starting client 48/50, id: 45
round 15, starting client 49/50, id: 21
round 15, starting client 50/50, id: 70
round 15, validation acc: 0.9399
starting round 16
clients: [58 68 7 15 0 40 30 54 11 2 32 65 23 71 92 84 99 50 95 36 35 19 93
83
85 46 70 34 61 53 69 42 39 24 79 37 3 51 25 9 63 80 59 72 16 33 60 21
27 10]
round 16, starting client 1/50, id: 58
round 16, starting client 2/50, id: 68
round 16, starting client 3/50, id: 7
round 16, starting client 4/50, id: 15
round 16, starting client 5/50, id: 0
round 16, starting client 6/50, id: 40
round 16, starting client 7/50, id: 30
round 16, starting client 8/50, id: 54
round 16, starting client 9/50, id: 11
round 16, starting client 10/50, id: 2
round 16, starting client 11/50, id: 32
round 16, starting client 12/50, id: 65
round 16, starting client 13/50, id: 23
round 16, starting client 14/50, id: 71
round 16, starting client 15/50, id: 92
round 16, starting client 16/50, id: 84
round 16, starting client 17/50, id: 99
round 16, starting client 18/50, id: 50
round 16, starting client 19/50, id: 95
round 16, starting client 20/50, id: 36

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round 16, starting client 21/50, id: 35
round 16, starting client 22/50, id: 19
round 16, starting client 23/50, id: 93
round 16, starting client 24/50, id: 83
round 16, starting client 25/50, id: 85
round 16, starting client 26/50, id: 46
round 16, starting client 27/50, id: 70
round 16, starting client 28/50, id: 34
round 16, starting client 29/50, id: 61
round 16, starting client 30/50, id: 53
round 16, starting client 31/50, id: 69
round 16, starting client 32/50, id: 42
round 16, starting client 33/50, id: 39
round 16, starting client 34/50, id: 24
round 16, starting client 35/50, id: 79
round 16, starting client 36/50, id: 37
round 16, starting client 37/50, id: 3
round 16, starting client 38/50, id: 51
round 16, starting client 39/50, id: 25
round 16, starting client 40/50, id: 9
round 16, starting client 41/50, id: 63
round 16, starting client 42/50, id: 80
round 16, starting client 43/50, id: 59
round 16, starting client 44/50, id: 72
round 16, starting client 45/50, id: 16
round 16, starting client 46/50, id: 33
round 16, starting client 47/50, id: 60
round 16, starting client 48/50, id: 21
round 16, starting client 49/50, id: 27
round 16, starting client 50/50, id: 10
round 16, validation acc: 0.9427
starting round 17
clients: [65 89 58 93 40 36 52 68 51 55 71 54 78 42 12 22 11 2 50 84 41 97 18
4
15 20 29 9 96 60 62 28 75 30 24 21 33 14 63 8 92 16 49 26 76 37 25 69
98 13]
round 17, starting client 1/50, id: 65
round 17, starting client 2/50, id: 89
round 17, starting client 3/50, id: 58
round 17, starting client 4/50, id: 93
round 17, starting client 5/50, id: 40
round 17, starting client 6/50, id: 36
round 17, starting client 7/50, id: 52
round 17, starting client 8/50, id: 68
round 17, starting client 9/50, id: 51
round 17, starting client 10/50, id: 55
round 17, starting client 11/50, id: 71
round 17, starting client 12/50, id: 54

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round 17, starting client 13/50, id: 78
round 17, starting client 14/50, id: 42
round 17, starting client 15/50, id: 12
round 17, starting client 16/50, id: 22
round 17, starting client 17/50, id: 11
round 17, starting client 18/50, id: 2
round 17, starting client 19/50, id: 50
round 17, starting client 20/50, id: 84
round 17, starting client 21/50, id: 41
round 17, starting client 22/50, id: 97
round 17, starting client 23/50, id: 18
round 17, starting client 24/50, id: 4
round 17, starting client 25/50, id: 15
round 17, starting client 26/50, id: 20
round 17, starting client 27/50, id: 29
round 17, starting client 28/50, id: 9
round 17, starting client 29/50, id: 96
round 17, starting client 30/50, id: 60
round 17, starting client 31/50, id: 62
round 17, starting client 32/50, id: 28
round 17, starting client 33/50, id: 75
round 17, starting client 34/50, id: 30
round 17, starting client 35/50, id: 24
round 17, starting client 36/50, id: 21
round 17, starting client 37/50, id: 33
round 17, starting client 38/50, id: 14
round 17, starting client 39/50, id: 63
round 17, starting client 40/50, id: 8
round 17, starting client 41/50, id: 92
round 17, starting client 42/50, id: 16
round 17, starting client 43/50, id: 49
round 17, starting client 44/50, id: 26
round 17, starting client 45/50, id: 76
round 17, starting client 46/50, id: 37
round 17, starting client 47/50, id: 25
round 17, starting client 48/50, id: 69
round 17, starting client 49/50, id: 98
round 17, starting client 50/50, id: 13
round 17, validation acc: 0.944
starting round 18
clients: [ 6 13 15 32 53 16 88 25 95 65 9 51 18 63 46 79 10 28 64 22 82 89 39
52
0 37 34 80 2 97 43 70 72 71 44 30 3 85 21 73 59 19 67 50 98 29 20 12
48 75]
round 18, starting client 1/50, id: 6
round 18, starting client 2/50, id: 13
round 18, starting client 3/50, id: 15
round 18, starting client 4/50, id: 32

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round 18, starting client 5/50, id: 53
round 18, starting client 6/50, id: 16
round 18, starting client 7/50, id: 88
round 18, starting client 8/50, id: 25
round 18, starting client 9/50, id: 95
round 18, starting client 10/50, id: 65
round 18, starting client 11/50, id: 9
round 18, starting client 12/50, id: 51
round 18, starting client 13/50, id: 18
round 18, starting client 14/50, id: 63
round 18, starting client 15/50, id: 46
round 18, starting client 16/50, id: 79
round 18, starting client 17/50, id: 10
round 18, starting client 18/50, id: 28
round 18, starting client 19/50, id: 64
round 18, starting client 20/50, id: 22
round 18, starting client 21/50, id: 82
round 18, starting client 22/50, id: 89
round 18, starting client 23/50, id: 39
round 18, starting client 24/50, id: 52
round 18, starting client 25/50, id: 0
round 18, starting client 26/50, id: 37
round 18, starting client 27/50, id: 34
round 18, starting client 28/50, id: 80
round 18, starting client 29/50, id: 2
round 18, starting client 30/50, id: 97
round 18, starting client 31/50, id: 43
round 18, starting client 32/50, id: 70
round 18, starting client 33/50, id: 72
round 18, starting client 34/50, id: 71
round 18, starting client 35/50, id: 44
round 18, starting client 36/50, id: 30
round 18, starting client 37/50, id: 3
round 18, starting client 38/50, id: 85
round 18, starting client 39/50, id: 21
round 18, starting client 40/50, id: 73
round 18, starting client 41/50, id: 59
round 18, starting client 42/50, id: 19
round 18, starting client 43/50, id: 67
round 18, starting client 44/50, id: 50
round 18, starting client 45/50, id: 98
round 18, starting client 46/50, id: 29
round 18, starting client 47/50, id: 20
round 18, starting client 48/50, id: 12
round 18, starting client 49/50, id: 48
round 18, starting client 50/50, id: 75
round 18, validation acc: 0.944
starting round 19

clients: [7 36 77 94 56 86 38 35 14 34 28 24 23 90 72 10 75 89 11 0 47 85 81
67

99 46 2 70 18 93 79 15 87 51 88 1 5 49 40 44 92 64 3 74 80 30 27 52
50 91]

round 19, starting client 1/50, id: 7
round 19, starting client 2/50, id: 36
round 19, starting client 3/50, id: 77
round 19, starting client 4/50, id: 94
round 19, starting client 5/50, id: 56
round 19, starting client 6/50, id: 86
round 19, starting client 7/50, id: 38
round 19, starting client 8/50, id: 35
round 19, starting client 9/50, id: 14
round 19, starting client 10/50, id: 34
round 19, starting client 11/50, id: 28
round 19, starting client 12/50, id: 24
round 19, starting client 13/50, id: 23
round 19, starting client 14/50, id: 90
round 19, starting client 15/50, id: 72
round 19, starting client 16/50, id: 10
round 19, starting client 17/50, id: 75
round 19, starting client 18/50, id: 89
round 19, starting client 19/50, id: 11
round 19, starting client 20/50, id: 0
round 19, starting client 21/50, id: 47
round 19, starting client 22/50, id: 85
round 19, starting client 23/50, id: 81
round 19, starting client 24/50, id: 67
round 19, starting client 25/50, id: 99
round 19, starting client 26/50, id: 46
round 19, starting client 27/50, id: 2
round 19, starting client 28/50, id: 70
round 19, starting client 29/50, id: 18
round 19, starting client 30/50, id: 93
round 19, starting client 31/50, id: 79
round 19, starting client 32/50, id: 15
round 19, starting client 33/50, id: 87
round 19, starting client 34/50, id: 51
round 19, starting client 35/50, id: 88
round 19, starting client 36/50, id: 1
round 19, starting client 37/50, id: 5
round 19, starting client 38/50, id: 49
round 19, starting client 39/50, id: 40
round 19, starting client 40/50, id: 44
round 19, starting client 41/50, id: 92
round 19, starting client 42/50, id: 64
round 19, starting client 43/50, id: 3
round 19, starting client 44/50, id: 74

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round 19, starting client 45/50, id: 80
round 19, starting client 46/50, id: 30
round 19, starting client 47/50, id: 27
round 19, starting client 48/50, id: 52
round 19, starting client 49/50, id: 50
round 19, starting client 50/50, id: 91
round 19, validation acc: 0.943
starting round 20
clients: [27 7 76 18 99 75 65 23 92 53 34 81 17 6 51 36 80 77 38 64 4 10 29
44
49 78 68 90 79 21 85 55 91 54 74 11 83 28 60 19 63 15 95 37 5 40 93 70
13 96]
round 20, starting client 1/50, id: 27
round 20, starting client 2/50, id: 7
round 20, starting client 3/50, id: 76
round 20, starting client 4/50, id: 18
round 20, starting client 5/50, id: 99
round 20, starting client 6/50, id: 75
round 20, starting client 7/50, id: 65
round 20, starting client 8/50, id: 23
round 20, starting client 9/50, id: 92
round 20, starting client 10/50, id: 53
round 20, starting client 11/50, id: 34
round 20, starting client 12/50, id: 81
round 20, starting client 13/50, id: 17
round 20, starting client 14/50, id: 6
round 20, starting client 15/50, id: 51
round 20, starting client 16/50, id: 36
round 20, starting client 17/50, id: 80
round 20, starting client 18/50, id: 77
round 20, starting client 19/50, id: 38
round 20, starting client 20/50, id: 64
round 20, starting client 21/50, id: 4
round 20, starting client 22/50, id: 10
round 20, starting client 23/50, id: 29
round 20, starting client 24/50, id: 44
round 20, starting client 25/50, id: 49
round 20, starting client 26/50, id: 78
round 20, starting client 27/50, id: 68
round 20, starting client 28/50, id: 90
round 20, starting client 29/50, id: 79
round 20, starting client 30/50, id: 21
round 20, starting client 31/50, id: 85
round 20, starting client 32/50, id: 55
round 20, starting client 33/50, id: 91
round 20, starting client 34/50, id: 54
round 20, starting client 35/50, id: 74
round 20, starting client 36/50, id: 11

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round 20, starting client 37/50, id: 83
round 20, starting client 38/50, id: 28
round 20, starting client 39/50, id: 60
round 20, starting client 40/50, id: 19
round 20, starting client 41/50, id: 63
round 20, starting client 42/50, id: 15
round 20, starting client 43/50, id: 95
round 20, starting client 44/50, id: 37
round 20, starting client 45/50, id: 5
round 20, starting client 46/50, id: 40
round 20, starting client 47/50, id: 93
round 20, starting client 48/50, id: 70
round 20, starting client 49/50, id: 13
round 20, starting client 50/50, id: 96
round 20, validation acc: 0.9426
starting round 21
clients: [72 33 5 73 12 64 95 26 10 8 92 18 78 67 61 37 96 60 50 34 7 45 48
27
44 79 97 46 52 38 14 49 56 15 63 87 31 40 66 82 30 20 32 22 80 93 85 75
0 91]
round 21, starting client 1/50, id: 72
round 21, starting client 2/50, id: 33
round 21, starting client 3/50, id: 5
round 21, starting client 4/50, id: 73
round 21, starting client 5/50, id: 12
round 21, starting client 6/50, id: 64
round 21, starting client 7/50, id: 95
round 21, starting client 8/50, id: 26
round 21, starting client 9/50, id: 10
round 21, starting client 10/50, id: 8
round 21, starting client 11/50, id: 92
round 21, starting client 12/50, id: 18
round 21, starting client 13/50, id: 78
round 21, starting client 14/50, id: 67
round 21, starting client 15/50, id: 61
round 21, starting client 16/50, id: 37
round 21, starting client 17/50, id: 96
round 21, starting client 18/50, id: 60
round 21, starting client 19/50, id: 50
round 21, starting client 20/50, id: 34
round 21, starting client 21/50, id: 7
round 21, starting client 22/50, id: 45
round 21, starting client 23/50, id: 48
round 21, starting client 24/50, id: 27
round 21, starting client 25/50, id: 44
round 21, starting client 26/50, id: 79
round 21, starting client 27/50, id: 97
round 21, starting client 28/50, id: 46

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round 21, starting client 29/50, id: 52
round 21, starting client 30/50, id: 38
round 21, starting client 31/50, id: 14
round 21, starting client 32/50, id: 49
round 21, starting client 33/50, id: 56
round 21, starting client 34/50, id: 15
round 21, starting client 35/50, id: 63
round 21, starting client 36/50, id: 87
round 21, starting client 37/50, id: 31
round 21, starting client 38/50, id: 40
round 21, starting client 39/50, id: 66
round 21, starting client 40/50, id: 82
round 21, starting client 41/50, id: 30
round 21, starting client 42/50, id: 20
round 21, starting client 43/50, id: 32
round 21, starting client 44/50, id: 22
round 21, starting client 45/50, id: 80
round 21, starting client 46/50, id: 93
round 21, starting client 47/50, id: 85
round 21, starting client 48/50, id: 75
round 21, starting client 49/50, id: 0
round 21, starting client 50/50, id: 91
round 21, validation acc: 0.9509
starting round 22
clients: [ 7 80 42 61 53 72 64  3 89 23 77  9 24 92 40 70 54 18 20 85 59 27 14
32
 44 86 11 78 67 22 19 82 88 43 65 21 52 56 35  8 36 68 95 90 76 33 45 30
98 39]
round 22, starting client 1/50, id: 7
round 22, starting client 2/50, id: 80
round 22, starting client 3/50, id: 42
round 22, starting client 4/50, id: 61
round 22, starting client 5/50, id: 53
round 22, starting client 6/50, id: 72
round 22, starting client 7/50, id: 64
round 22, starting client 8/50, id: 3
round 22, starting client 9/50, id: 89
round 22, starting client 10/50, id: 23
round 22, starting client 11/50, id: 77
round 22, starting client 12/50, id: 9
round 22, starting client 13/50, id: 24
round 22, starting client 14/50, id: 92
round 22, starting client 15/50, id: 40
round 22, starting client 16/50, id: 70
round 22, starting client 17/50, id: 54
round 22, starting client 18/50, id: 18
round 22, starting client 19/50, id: 20
round 22, starting client 20/50, id: 85

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round 22, starting client 21/50, id: 59
round 22, starting client 22/50, id: 27
round 22, starting client 23/50, id: 14
round 22, starting client 24/50, id: 32
round 22, starting client 25/50, id: 44
round 22, starting client 26/50, id: 86
round 22, starting client 27/50, id: 11
round 22, starting client 28/50, id: 78
round 22, starting client 29/50, id: 67
round 22, starting client 30/50, id: 22
round 22, starting client 31/50, id: 19
round 22, starting client 32/50, id: 82
round 22, starting client 33/50, id: 88
round 22, starting client 34/50, id: 43
round 22, starting client 35/50, id: 65
round 22, starting client 36/50, id: 21
round 22, starting client 37/50, id: 52
round 22, starting client 38/50, id: 56
round 22, starting client 39/50, id: 35
round 22, starting client 40/50, id: 8
round 22, starting client 41/50, id: 36
round 22, starting client 42/50, id: 68
round 22, starting client 43/50, id: 95
round 22, starting client 44/50, id: 90
round 22, starting client 45/50, id: 76
round 22, starting client 46/50, id: 33
round 22, starting client 47/50, id: 45
round 22, starting client 48/50, id: 30
round 22, starting client 49/50, id: 98
round 22, starting client 50/50, id: 39
round 22, validation acc: 0.9499
starting round 23
clients: [92 97 17 0 75 50 29 58 78 35 16 45 93 8 38 61 36 31 19 80 47 26 1
41
60 43 52 91 7 28 57 23 87 39 64 30 63 95 74 42 27 2 34 46 90 71 13 49
68 44]
round 23, starting client 1/50, id: 92
round 23, starting client 2/50, id: 97
round 23, starting client 3/50, id: 17
round 23, starting client 4/50, id: 0
round 23, starting client 5/50, id: 75
round 23, starting client 6/50, id: 50
round 23, starting client 7/50, id: 29
round 23, starting client 8/50, id: 58
round 23, starting client 9/50, id: 78
round 23, starting client 10/50, id: 35
round 23, starting client 11/50, id: 16
round 23, starting client 12/50, id: 45

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round 23, starting client 13/50, id: 93
round 23, starting client 14/50, id: 8
round 23, starting client 15/50, id: 38
round 23, starting client 16/50, id: 61
round 23, starting client 17/50, id: 36
round 23, starting client 18/50, id: 31
round 23, starting client 19/50, id: 19
round 23, starting client 20/50, id: 80
round 23, starting client 21/50, id: 47
round 23, starting client 22/50, id: 26
round 23, starting client 23/50, id: 1
round 23, starting client 24/50, id: 41
round 23, starting client 25/50, id: 60
round 23, starting client 26/50, id: 43
round 23, starting client 27/50, id: 52
round 23, starting client 28/50, id: 91
round 23, starting client 29/50, id: 7
round 23, starting client 30/50, id: 28
round 23, starting client 31/50, id: 57
round 23, starting client 32/50, id: 23
round 23, starting client 33/50, id: 87
round 23, starting client 34/50, id: 39
round 23, starting client 35/50, id: 64
round 23, starting client 36/50, id: 30
round 23, starting client 37/50, id: 63
round 23, starting client 38/50, id: 95
round 23, starting client 39/50, id: 74
round 23, starting client 40/50, id: 42
round 23, starting client 41/50, id: 27
round 23, starting client 42/50, id: 2
round 23, starting client 43/50, id: 34
round 23, starting client 44/50, id: 46
round 23, starting client 45/50, id: 90
round 23, starting client 46/50, id: 71
round 23, starting client 47/50, id: 13
round 23, starting client 48/50, id: 49
round 23, starting client 49/50, id: 68
round 23, starting client 50/50, id: 44
round 23, validation acc: 0.9549
starting round 24
clients: [60 3 82 13 14 72 30 44 37 90 19 50 9 6 31 76 81 5 12 35 96 70 71
91
42 66 52 63 79 97 98 99 64 40 75 73 55 48 0 32 83 34 95 18 57 26 27 36
93 23]
round 24, starting client 1/50, id: 60
round 24, starting client 2/50, id: 3
round 24, starting client 3/50, id: 82
round 24, starting client 4/50, id: 13

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round 24, starting client 5/50, id: 14
round 24, starting client 6/50, id: 72
round 24, starting client 7/50, id: 30
round 24, starting client 8/50, id: 44
round 24, starting client 9/50, id: 37
round 24, starting client 10/50, id: 90
round 24, starting client 11/50, id: 19
round 24, starting client 12/50, id: 50
round 24, starting client 13/50, id: 9
round 24, starting client 14/50, id: 6
round 24, starting client 15/50, id: 31
round 24, starting client 16/50, id: 76
round 24, starting client 17/50, id: 81
round 24, starting client 18/50, id: 5
round 24, starting client 19/50, id: 12
round 24, starting client 20/50, id: 35
round 24, starting client 21/50, id: 96
round 24, starting client 22/50, id: 70
round 24, starting client 23/50, id: 71
round 24, starting client 24/50, id: 91
round 24, starting client 25/50, id: 42
round 24, starting client 26/50, id: 66
round 24, starting client 27/50, id: 52
round 24, starting client 28/50, id: 63
round 24, starting client 29/50, id: 79
round 24, starting client 30/50, id: 97
round 24, starting client 31/50, id: 98
round 24, starting client 32/50, id: 99
round 24, starting client 33/50, id: 64
round 24, starting client 34/50, id: 40
round 24, starting client 35/50, id: 75
round 24, starting client 36/50, id: 73
round 24, starting client 37/50, id: 55
round 24, starting client 38/50, id: 48
round 24, starting client 39/50, id: 0
round 24, starting client 40/50, id: 32
round 24, starting client 41/50, id: 83
round 24, starting client 42/50, id: 34
round 24, starting client 43/50, id: 95
round 24, starting client 44/50, id: 18
round 24, starting client 45/50, id: 57
round 24, starting client 46/50, id: 26
round 24, starting client 47/50, id: 27
round 24, starting client 48/50, id: 36
round 24, starting client 49/50, id: 93
round 24, starting client 50/50, id: 23
round 24, validation acc: 0.9529
starting round 25

clients: [17 58 44 53 3 78 52 72 81 98 97 63 46 86 56 70 10 59 28 51 89 23 1
26

67 31 24 7 6 36 5 65 80 9 73 2 69 21 57 68 41 62 94 29 33 18 96 4
71 49]

round 25, starting client 1/50, id: 17
round 25, starting client 2/50, id: 58
round 25, starting client 3/50, id: 44
round 25, starting client 4/50, id: 53
round 25, starting client 5/50, id: 3
round 25, starting client 6/50, id: 78
round 25, starting client 7/50, id: 52
round 25, starting client 8/50, id: 72
round 25, starting client 9/50, id: 81
round 25, starting client 10/50, id: 98
round 25, starting client 11/50, id: 97
round 25, starting client 12/50, id: 63
round 25, starting client 13/50, id: 46
round 25, starting client 14/50, id: 86
round 25, starting client 15/50, id: 56
round 25, starting client 16/50, id: 70
round 25, starting client 17/50, id: 10
round 25, starting client 18/50, id: 59
round 25, starting client 19/50, id: 28
round 25, starting client 20/50, id: 51
round 25, starting client 21/50, id: 89
round 25, starting client 22/50, id: 23
round 25, starting client 23/50, id: 1
round 25, starting client 24/50, id: 26
round 25, starting client 25/50, id: 67
round 25, starting client 26/50, id: 31
round 25, starting client 27/50, id: 24
round 25, starting client 28/50, id: 7
round 25, starting client 29/50, id: 6
round 25, starting client 30/50, id: 36
round 25, starting client 31/50, id: 5
round 25, starting client 32/50, id: 65
round 25, starting client 33/50, id: 80
round 25, starting client 34/50, id: 9
round 25, starting client 35/50, id: 73
round 25, starting client 36/50, id: 2
round 25, starting client 37/50, id: 69
round 25, starting client 38/50, id: 21
round 25, starting client 39/50, id: 57
round 25, starting client 40/50, id: 68
round 25, starting client 41/50, id: 41
round 25, starting client 42/50, id: 62
round 25, starting client 43/50, id: 94
round 25, starting client 44/50, id: 29

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round 25, starting client 45/50, id: 33
round 25, starting client 46/50, id: 18
round 25, starting client 47/50, id: 96
round 25, starting client 48/50, id: 4
round 25, starting client 49/50, id: 71
round 25, starting client 50/50, id: 49
round 25, validation acc: 0.9559
starting round 26
clients:  [ 4 53 11 49 68 20 76 21 45 67 32 35 93 50  2 90 51 57 19 85 25 78 86
12
82 37 87 65 44 47 70 69 62 42 15 77 73 79 36 66  6 59 16 23 94 56 48 13
80 92]
round 26, starting client 1/50, id: 4
round 26, starting client 2/50, id: 53
round 26, starting client 3/50, id: 11
round 26, starting client 4/50, id: 49
round 26, starting client 5/50, id: 68
round 26, starting client 6/50, id: 20
round 26, starting client 7/50, id: 76
round 26, starting client 8/50, id: 21
round 26, starting client 9/50, id: 45
round 26, starting client 10/50, id: 67
round 26, starting client 11/50, id: 32
round 26, starting client 12/50, id: 35
round 26, starting client 13/50, id: 93
round 26, starting client 14/50, id: 50
round 26, starting client 15/50, id: 2
round 26, starting client 16/50, id: 90
round 26, starting client 17/50, id: 51
round 26, starting client 18/50, id: 57
round 26, starting client 19/50, id: 19
round 26, starting client 20/50, id: 85
round 26, starting client 21/50, id: 25
round 26, starting client 22/50, id: 78
round 26, starting client 23/50, id: 86
round 26, starting client 24/50, id: 12
round 26, starting client 25/50, id: 82
round 26, starting client 26/50, id: 37
round 26, starting client 27/50, id: 87
round 26, starting client 28/50, id: 65
round 26, starting client 29/50, id: 44
round 26, starting client 30/50, id: 47
round 26, starting client 31/50, id: 70
round 26, starting client 32/50, id: 69
round 26, starting client 33/50, id: 62
round 26, starting client 34/50, id: 42
round 26, starting client 35/50, id: 15
round 26, starting client 36/50, id: 77

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round 26, starting client 37/50, id: 73
round 26, starting client 38/50, id: 79
round 26, starting client 39/50, id: 36
round 26, starting client 40/50, id: 66
round 26, starting client 41/50, id: 6
round 26, starting client 42/50, id: 59
round 26, starting client 43/50, id: 16
round 26, starting client 44/50, id: 23
round 26, starting client 45/50, id: 94
round 26, starting client 46/50, id: 56
round 26, starting client 47/50, id: 48
round 26, starting client 48/50, id: 13
round 26, starting client 49/50, id: 80
round 26, starting client 50/50, id: 92
round 26, validation acc: 0.954
starting round 27
clients: [23 32 25 46 97 95 91 68 52 88 85 11 80 10 8 30 13 99 56 75 26 29 0
22
50 37 94 9 73 47 55 63 92 40 45 59 44 53 64 24 81 86 35 74 69 93 58 33
84 60]
round 27, starting client 1/50, id: 23
round 27, starting client 2/50, id: 32
round 27, starting client 3/50, id: 25
round 27, starting client 4/50, id: 46
round 27, starting client 5/50, id: 97
round 27, starting client 6/50, id: 95
round 27, starting client 7/50, id: 91
round 27, starting client 8/50, id: 68
round 27, starting client 9/50, id: 52
round 27, starting client 10/50, id: 88
round 27, starting client 11/50, id: 85
round 27, starting client 12/50, id: 11
round 27, starting client 13/50, id: 80
round 27, starting client 14/50, id: 10
round 27, starting client 15/50, id: 8
round 27, starting client 16/50, id: 30
round 27, starting client 17/50, id: 13
round 27, starting client 18/50, id: 99
round 27, starting client 19/50, id: 56
round 27, starting client 20/50, id: 75
round 27, starting client 21/50, id: 26
round 27, starting client 22/50, id: 29
round 27, starting client 23/50, id: 0
round 27, starting client 24/50, id: 22
round 27, starting client 25/50, id: 50
round 27, starting client 26/50, id: 37
round 27, starting client 27/50, id: 94
round 27, starting client 28/50, id: 9

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round 27, starting client 29/50, id: 73
round 27, starting client 30/50, id: 47
round 27, starting client 31/50, id: 55
round 27, starting client 32/50, id: 63
round 27, starting client 33/50, id: 92
round 27, starting client 34/50, id: 40
round 27, starting client 35/50, id: 45
round 27, starting client 36/50, id: 59
round 27, starting client 37/50, id: 44
round 27, starting client 38/50, id: 53
round 27, starting client 39/50, id: 64
round 27, starting client 40/50, id: 24
round 27, starting client 41/50, id: 81
round 27, starting client 42/50, id: 86
round 27, starting client 43/50, id: 35
round 27, starting client 44/50, id: 74
round 27, starting client 45/50, id: 69
round 27, starting client 46/50, id: 93
round 27, starting client 47/50, id: 58
round 27, starting client 48/50, id: 33
round 27, starting client 49/50, id: 84
round 27, starting client 50/50, id: 60
round 27, validation acc: 0.9569
starting round 28
clients: [98 21 5 52 74 34 35 13 37 45 58 62 75 25 7 41 57 44 39 20 51 53 48
14
3 49 38 71 1 90 86 65 17 43 91 94 16 83 33 82 32 40 18 63 24 6 42 72
31 64]
round 28, starting client 1/50, id: 98
round 28, starting client 2/50, id: 21
round 28, starting client 3/50, id: 5
round 28, starting client 4/50, id: 52
round 28, starting client 5/50, id: 74
round 28, starting client 6/50, id: 34
round 28, starting client 7/50, id: 35
round 28, starting client 8/50, id: 13
round 28, starting client 9/50, id: 37
round 28, starting client 10/50, id: 45
round 28, starting client 11/50, id: 58
round 28, starting client 12/50, id: 62
round 28, starting client 13/50, id: 75
round 28, starting client 14/50, id: 25
round 28, starting client 15/50, id: 7
round 28, starting client 16/50, id: 41
round 28, starting client 17/50, id: 57
round 28, starting client 18/50, id: 44
round 28, starting client 19/50, id: 39
round 28, starting client 20/50, id: 20

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round 28, starting client 21/50, id: 51
round 28, starting client 22/50, id: 53
round 28, starting client 23/50, id: 48
round 28, starting client 24/50, id: 14
round 28, starting client 25/50, id: 3
round 28, starting client 26/50, id: 49
round 28, starting client 27/50, id: 38
round 28, starting client 28/50, id: 71
round 28, starting client 29/50, id: 1
round 28, starting client 30/50, id: 90
round 28, starting client 31/50, id: 86
round 28, starting client 32/50, id: 65
round 28, starting client 33/50, id: 17
round 28, starting client 34/50, id: 43
round 28, starting client 35/50, id: 91
round 28, starting client 36/50, id: 94
round 28, starting client 37/50, id: 16
round 28, starting client 38/50, id: 83
round 28, starting client 39/50, id: 33
round 28, starting client 40/50, id: 82
round 28, starting client 41/50, id: 32
round 28, starting client 42/50, id: 40
round 28, starting client 43/50, id: 18
round 28, starting client 44/50, id: 63
round 28, starting client 45/50, id: 24
round 28, starting client 46/50, id: 6
round 28, starting client 47/50, id: 42
round 28, starting client 48/50, id: 72
round 28, starting client 49/50, id: 31
round 28, starting client 50/50, id: 64
round 28, validation acc: 0.9606
starting round 29
clients: [55 12 96 75 83 52 20 6 22 72 71 58 88 27 41 1 49 31 37 2 15 99 17
4
80 47 65 73 16 42 10 13 7 60 51 78 93 59 76 85 28 91 53 77 87 84 25 23
3 9]
round 29, starting client 1/50, id: 55
round 29, starting client 2/50, id: 12
round 29, starting client 3/50, id: 96
round 29, starting client 4/50, id: 75
round 29, starting client 5/50, id: 83
round 29, starting client 6/50, id: 52
round 29, starting client 7/50, id: 20
round 29, starting client 8/50, id: 6
round 29, starting client 9/50, id: 22
round 29, starting client 10/50, id: 72
round 29, starting client 11/50, id: 71
round 29, starting client 12/50, id: 58

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round 29, starting client 13/50, id: 88
round 29, starting client 14/50, id: 27
round 29, starting client 15/50, id: 41
round 29, starting client 16/50, id: 1
round 29, starting client 17/50, id: 49
round 29, starting client 18/50, id: 31
round 29, starting client 19/50, id: 37
round 29, starting client 20/50, id: 2
round 29, starting client 21/50, id: 15
round 29, starting client 22/50, id: 99
round 29, starting client 23/50, id: 17
round 29, starting client 24/50, id: 4
round 29, starting client 25/50, id: 80
round 29, starting client 26/50, id: 47
round 29, starting client 27/50, id: 65
round 29, starting client 28/50, id: 73
round 29, starting client 29/50, id: 16
round 29, starting client 30/50, id: 42
round 29, starting client 31/50, id: 10
round 29, starting client 32/50, id: 13
round 29, starting client 33/50, id: 7
round 29, starting client 34/50, id: 60
round 29, starting client 35/50, id: 51
round 29, starting client 36/50, id: 78
round 29, starting client 37/50, id: 93
round 29, starting client 38/50, id: 59
round 29, starting client 39/50, id: 76
round 29, starting client 40/50, id: 85
round 29, starting client 41/50, id: 28
round 29, starting client 42/50, id: 91
round 29, starting client 43/50, id: 53
round 29, starting client 44/50, id: 77
round 29, starting client 45/50, id: 87
round 29, starting client 46/50, id: 84
round 29, starting client 47/50, id: 25
round 29, starting client 48/50, id: 23
round 29, starting client 49/50, id: 3
round 29, starting client 50/50, id: 9
round 29, validation acc: 0.9608
starting round 30
clients: [53 61 77 78 86 39 27 85 69 91 21 99 64 31 29 45 40 49 62 14 25 42 82
37
15 13 83 72 6 2 35 20 58 56 50 48 30 8 75 1 44 89 63 3 95 68 79 81
12 18]
round 30, starting client 1/50, id: 53
round 30, starting client 2/50, id: 61
round 30, starting client 3/50, id: 77
round 30, starting client 4/50, id: 78

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round 30, starting client 5/50, id: 86
round 30, starting client 6/50, id: 39
round 30, starting client 7/50, id: 27
round 30, starting client 8/50, id: 85
round 30, starting client 9/50, id: 69
round 30, starting client 10/50, id: 91
round 30, starting client 11/50, id: 21
round 30, starting client 12/50, id: 99
round 30, starting client 13/50, id: 64
round 30, starting client 14/50, id: 31
round 30, starting client 15/50, id: 29
round 30, starting client 16/50, id: 45
round 30, starting client 17/50, id: 40
round 30, starting client 18/50, id: 49
round 30, starting client 19/50, id: 62
round 30, starting client 20/50, id: 14
round 30, starting client 21/50, id: 25
round 30, starting client 22/50, id: 42
round 30, starting client 23/50, id: 82
round 30, starting client 24/50, id: 37
round 30, starting client 25/50, id: 15
round 30, starting client 26/50, id: 13
round 30, starting client 27/50, id: 83
round 30, starting client 28/50, id: 72
round 30, starting client 29/50, id: 6
round 30, starting client 30/50, id: 2
round 30, starting client 31/50, id: 35
round 30, starting client 32/50, id: 20
round 30, starting client 33/50, id: 58
round 30, starting client 34/50, id: 56
round 30, starting client 35/50, id: 50
round 30, starting client 36/50, id: 48
round 30, starting client 37/50, id: 30
round 30, starting client 38/50, id: 8
round 30, starting client 39/50, id: 75
round 30, starting client 40/50, id: 1
round 30, starting client 41/50, id: 44
round 30, starting client 42/50, id: 89
round 30, starting client 43/50, id: 63
round 30, starting client 44/50, id: 3
round 30, starting client 45/50, id: 95
round 30, starting client 46/50, id: 68
round 30, starting client 47/50, id: 79
round 30, starting client 48/50, id: 81
round 30, starting client 49/50, id: 12
round 30, starting client 50/50, id: 18
round 30, validation acc: 0.959
starting round 31

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clients: [30 71 8 37 22 59 42 38 80 17 96 93 87 76 95 49 11 5 91 34 43 0 70
51
45 68 60 10 53 86 58 62 20 84 65 52 55 63 3 78 75 25 92 56 15 61 40 19
46 26]
round 31, starting client 1/50, id: 30
round 31, starting client 2/50, id: 71
round 31, starting client 3/50, id: 8
round 31, starting client 4/50, id: 37
round 31, starting client 5/50, id: 22
round 31, starting client 6/50, id: 59
round 31, starting client 7/50, id: 42
round 31, starting client 8/50, id: 38
round 31, starting client 9/50, id: 80
round 31, starting client 10/50, id: 17
round 31, starting client 11/50, id: 96
round 31, starting client 12/50, id: 93
round 31, starting client 13/50, id: 87
round 31, starting client 14/50, id: 76
round 31, starting client 15/50, id: 95
round 31, starting client 16/50, id: 49
round 31, starting client 17/50, id: 11
round 31, starting client 18/50, id: 5
round 31, starting client 19/50, id: 91
round 31, starting client 20/50, id: 34
round 31, starting client 21/50, id: 43
round 31, starting client 22/50, id: 0
round 31, starting client 23/50, id: 70
round 31, starting client 24/50, id: 51
round 31, starting client 25/50, id: 45
round 31, starting client 26/50, id: 68
round 31, starting client 27/50, id: 60
round 31, starting client 28/50, id: 10
round 31, starting client 29/50, id: 53
round 31, starting client 30/50, id: 86
round 31, starting client 31/50, id: 58
round 31, starting client 32/50, id: 62
round 31, starting client 33/50, id: 20
round 31, starting client 34/50, id: 84
round 31, starting client 35/50, id: 65
round 31, starting client 36/50, id: 52
round 31, starting client 37/50, id: 55
round 31, starting client 38/50, id: 63
round 31, starting client 39/50, id: 3
round 31, starting client 40/50, id: 78
round 31, starting client 41/50, id: 75
round 31, starting client 42/50, id: 25
round 31, starting client 43/50, id: 92
round 31, starting client 44/50, id: 56

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round 31, starting client 45/50, id: 15
round 31, starting client 46/50, id: 61
round 31, starting client 47/50, id: 40
round 31, starting client 48/50, id: 19
round 31, starting client 49/50, id: 46
round 31, starting client 50/50, id: 26
round 31, validation acc: 0.9607
starting round 32
clients: [64 79 59 55 11 61 22 42 58 41 62 8 10 6 89 54 70 45 92 31 26 78 16
19
72 37 68 66 18 49 12 86 33 34 9 88 99 95 94 24 2 57 75 85 93 69 83 96
21 46]
round 32, starting client 1/50, id: 64
round 32, starting client 2/50, id: 79
round 32, starting client 3/50, id: 59
round 32, starting client 4/50, id: 55
round 32, starting client 5/50, id: 11
round 32, starting client 6/50, id: 61
round 32, starting client 7/50, id: 22
round 32, starting client 8/50, id: 42
round 32, starting client 9/50, id: 58
round 32, starting client 10/50, id: 41
round 32, starting client 11/50, id: 62
round 32, starting client 12/50, id: 8
round 32, starting client 13/50, id: 10
round 32, starting client 14/50, id: 6
round 32, starting client 15/50, id: 89
round 32, starting client 16/50, id: 54
round 32, starting client 17/50, id: 70
round 32, starting client 18/50, id: 45
round 32, starting client 19/50, id: 92
round 32, starting client 20/50, id: 31
round 32, starting client 21/50, id: 26
round 32, starting client 22/50, id: 78
round 32, starting client 23/50, id: 16
round 32, starting client 24/50, id: 19
round 32, starting client 25/50, id: 72
round 32, starting client 26/50, id: 37
round 32, starting client 27/50, id: 68
round 32, starting client 28/50, id: 66
round 32, starting client 29/50, id: 18
round 32, starting client 30/50, id: 49
round 32, starting client 31/50, id: 12
round 32, starting client 32/50, id: 86
round 32, starting client 33/50, id: 33
round 32, starting client 34/50, id: 34
round 32, starting client 35/50, id: 9
round 32, starting client 36/50, id: 88

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round 32, starting client 37/50, id: 99
round 32, starting client 38/50, id: 95
round 32, starting client 39/50, id: 94
round 32, starting client 40/50, id: 24
round 32, starting client 41/50, id: 2
round 32, starting client 42/50, id: 57
round 32, starting client 43/50, id: 75
round 32, starting client 44/50, id: 85
round 32, starting client 45/50, id: 93
round 32, starting client 46/50, id: 69
round 32, starting client 47/50, id: 83
round 32, starting client 48/50, id: 96
round 32, starting client 49/50, id: 21
round 32, starting client 50/50, id: 46
round 32, validation acc: 0.96
starting round 33
clients: [67 1 87 46 13 31 51 79 42 61 95 27 44 25 28 18 96 33 82 64 98 84 5
57
32 83 12 92 94 30 71 20 63 37 90 21 14 38 15 69 55 91 56 88 47 23 17 66
60 59]
round 33, starting client 1/50, id: 67
round 33, starting client 2/50, id: 1
round 33, starting client 3/50, id: 87
round 33, starting client 4/50, id: 46
round 33, starting client 5/50, id: 13
round 33, starting client 6/50, id: 31
round 33, starting client 7/50, id: 51
round 33, starting client 8/50, id: 79
round 33, starting client 9/50, id: 42
round 33, starting client 10/50, id: 61
round 33, starting client 11/50, id: 95
round 33, starting client 12/50, id: 27
round 33, starting client 13/50, id: 44
round 33, starting client 14/50, id: 25
round 33, starting client 15/50, id: 28
round 33, starting client 16/50, id: 18
round 33, starting client 17/50, id: 96
round 33, starting client 18/50, id: 33
round 33, starting client 19/50, id: 82
round 33, starting client 20/50, id: 64
round 33, starting client 21/50, id: 98
round 33, starting client 22/50, id: 84
round 33, starting client 23/50, id: 5
round 33, starting client 24/50, id: 57
round 33, starting client 25/50, id: 32
round 33, starting client 26/50, id: 83
round 33, starting client 27/50, id: 12
round 33, starting client 28/50, id: 92

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round 33, starting client 29/50, id: 94
round 33, starting client 30/50, id: 30
round 33, starting client 31/50, id: 71
round 33, starting client 32/50, id: 20
round 33, starting client 33/50, id: 63
round 33, starting client 34/50, id: 37
round 33, starting client 35/50, id: 90
round 33, starting client 36/50, id: 21
round 33, starting client 37/50, id: 14
round 33, starting client 38/50, id: 38
round 33, starting client 39/50, id: 15
round 33, starting client 40/50, id: 69
round 33, starting client 41/50, id: 55
round 33, starting client 42/50, id: 91
round 33, starting client 43/50, id: 56
round 33, starting client 44/50, id: 88
round 33, starting client 45/50, id: 47
round 33, starting client 46/50, id: 23
round 33, starting client 47/50, id: 17
round 33, starting client 48/50, id: 66
round 33, starting client 49/50, id: 60
round 33, starting client 50/50, id: 59
round 33, validation acc: 0.9592
starting round 34
clients: [95 44 14 70 52 49 64 54 63 34 72 36 79 8 38 83 92 25 86 56 6 87 99
67
12 2 21 19 20 61 23 27 65 82 41 40 17 57 18 88 74 55 84 81 75 16 51 7
11 28]
round 34, starting client 1/50, id: 95
round 34, starting client 2/50, id: 44
round 34, starting client 3/50, id: 14
round 34, starting client 4/50, id: 70
round 34, starting client 5/50, id: 52
round 34, starting client 6/50, id: 49
round 34, starting client 7/50, id: 64
round 34, starting client 8/50, id: 54
round 34, starting client 9/50, id: 63
round 34, starting client 10/50, id: 34
round 34, starting client 11/50, id: 72
round 34, starting client 12/50, id: 36
round 34, starting client 13/50, id: 79
round 34, starting client 14/50, id: 8
round 34, starting client 15/50, id: 38
round 34, starting client 16/50, id: 83
round 34, starting client 17/50, id: 92
round 34, starting client 18/50, id: 25
round 34, starting client 19/50, id: 86
round 34, starting client 20/50, id: 56

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round 34, starting client 21/50, id: 6
round 34, starting client 22/50, id: 87
round 34, starting client 23/50, id: 99
round 34, starting client 24/50, id: 67
round 34, starting client 25/50, id: 12
round 34, starting client 26/50, id: 2
round 34, starting client 27/50, id: 21
round 34, starting client 28/50, id: 19
round 34, starting client 29/50, id: 20
round 34, starting client 30/50, id: 61
round 34, starting client 31/50, id: 23
round 34, starting client 32/50, id: 27
round 34, starting client 33/50, id: 65
round 34, starting client 34/50, id: 82
round 34, starting client 35/50, id: 41
round 34, starting client 36/50, id: 40
round 34, starting client 37/50, id: 17
round 34, starting client 38/50, id: 57
round 34, starting client 39/50, id: 18
round 34, starting client 40/50, id: 88
round 34, starting client 41/50, id: 74
round 34, starting client 42/50, id: 55
round 34, starting client 43/50, id: 84
round 34, starting client 44/50, id: 81
round 34, starting client 45/50, id: 75
round 34, starting client 46/50, id: 16
round 34, starting client 47/50, id: 51
round 34, starting client 48/50, id: 7
round 34, starting client 49/50, id: 11
round 34, starting client 50/50, id: 28
round 34, validation acc: 0.9583
starting round 35
clients: [73 16 28 4 88 81 29 23 97 52 93 65 39 2 84 66 60 74 90 59 20 40 96
38
10 79 17 3 92 30 55 94 47 62 44 35 34 95 51 50 85 57 54 67 63 49 82 86
5 27]
round 35, starting client 1/50, id: 73
round 35, starting client 2/50, id: 16
round 35, starting client 3/50, id: 28
round 35, starting client 4/50, id: 4
round 35, starting client 5/50, id: 88
round 35, starting client 6/50, id: 81
round 35, starting client 7/50, id: 29
round 35, starting client 8/50, id: 23
round 35, starting client 9/50, id: 97
round 35, starting client 10/50, id: 52
round 35, starting client 11/50, id: 93
round 35, starting client 12/50, id: 65

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round 35, starting client 13/50, id: 39
round 35, starting client 14/50, id: 2
round 35, starting client 15/50, id: 84
round 35, starting client 16/50, id: 66
round 35, starting client 17/50, id: 60
round 35, starting client 18/50, id: 74
round 35, starting client 19/50, id: 90
round 35, starting client 20/50, id: 59
round 35, starting client 21/50, id: 20
round 35, starting client 22/50, id: 40
round 35, starting client 23/50, id: 96
round 35, starting client 24/50, id: 38
round 35, starting client 25/50, id: 10
round 35, starting client 26/50, id: 79
round 35, starting client 27/50, id: 17
round 35, starting client 28/50, id: 3
round 35, starting client 29/50, id: 92
round 35, starting client 30/50, id: 30
round 35, starting client 31/50, id: 55
round 35, starting client 32/50, id: 94
round 35, starting client 33/50, id: 47
round 35, starting client 34/50, id: 62
round 35, starting client 35/50, id: 44
round 35, starting client 36/50, id: 35
round 35, starting client 37/50, id: 34
round 35, starting client 38/50, id: 95
round 35, starting client 39/50, id: 51
round 35, starting client 40/50, id: 50
round 35, starting client 41/50, id: 85
round 35, starting client 42/50, id: 57
round 35, starting client 43/50, id: 54
round 35, starting client 44/50, id: 67
round 35, starting client 45/50, id: 63
round 35, starting client 46/50, id: 49
round 35, starting client 47/50, id: 82
round 35, starting client 48/50, id: 86
round 35, starting client 49/50, id: 5
round 35, starting client 50/50, id: 27
round 35, validation acc: 0.9626
starting round 36
clients: [36 80 54 53 66 0 31 49 24 20 10 21 90 70 64 3 29 98 35 30 82 56 72
92
7 60 62 18 83 84 76 37 58 1 25 43 41 86 14 97 67 42 28 50 68 11 2 32
59 77]
round 36, starting client 1/50, id: 36
round 36, starting client 2/50, id: 80
round 36, starting client 3/50, id: 54
round 36, starting client 4/50, id: 53

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round 36, starting client 5/50, id: 66
round 36, starting client 6/50, id: 0
round 36, starting client 7/50, id: 31
round 36, starting client 8/50, id: 49
round 36, starting client 9/50, id: 24
round 36, starting client 10/50, id: 20
round 36, starting client 11/50, id: 10
round 36, starting client 12/50, id: 21
round 36, starting client 13/50, id: 90
round 36, starting client 14/50, id: 70
round 36, starting client 15/50, id: 64
round 36, starting client 16/50, id: 3
round 36, starting client 17/50, id: 29
round 36, starting client 18/50, id: 98
round 36, starting client 19/50, id: 35
round 36, starting client 20/50, id: 30
round 36, starting client 21/50, id: 82
round 36, starting client 22/50, id: 56
round 36, starting client 23/50, id: 72
round 36, starting client 24/50, id: 92
round 36, starting client 25/50, id: 7
round 36, starting client 26/50, id: 60
round 36, starting client 27/50, id: 62
round 36, starting client 28/50, id: 18
round 36, starting client 29/50, id: 83
round 36, starting client 30/50, id: 84
round 36, starting client 31/50, id: 76
round 36, starting client 32/50, id: 37
round 36, starting client 33/50, id: 58
round 36, starting client 34/50, id: 1
round 36, starting client 35/50, id: 25
round 36, starting client 36/50, id: 43
round 36, starting client 37/50, id: 41
round 36, starting client 38/50, id: 86
round 36, starting client 39/50, id: 14
round 36, starting client 40/50, id: 97
round 36, starting client 41/50, id: 67
round 36, starting client 42/50, id: 42
round 36, starting client 43/50, id: 28
round 36, starting client 44/50, id: 50
round 36, starting client 45/50, id: 68
round 36, starting client 46/50, id: 11
round 36, starting client 47/50, id: 2
round 36, starting client 48/50, id: 32
round 36, starting client 49/50, id: 59
round 36, starting client 50/50, id: 77
round 36, validation acc: 0.9631
starting round 37

clients: [34 27 17 55 65 37 38 75 28 30 97 18 47 21 57 79 99 74 80 63 42 71 62
93

44 50 1 92 54 86 11 35 2 23 48 85 59 12 82 88 84 91 69 32 77 13 14 20
6 39]

round 37, starting client 1/50, id: 34
round 37, starting client 2/50, id: 27
round 37, starting client 3/50, id: 17
round 37, starting client 4/50, id: 55
round 37, starting client 5/50, id: 65
round 37, starting client 6/50, id: 37
round 37, starting client 7/50, id: 38
round 37, starting client 8/50, id: 75
round 37, starting client 9/50, id: 28
round 37, starting client 10/50, id: 30
round 37, starting client 11/50, id: 97
round 37, starting client 12/50, id: 18
round 37, starting client 13/50, id: 47
round 37, starting client 14/50, id: 21
round 37, starting client 15/50, id: 57
round 37, starting client 16/50, id: 79
round 37, starting client 17/50, id: 99
round 37, starting client 18/50, id: 74
round 37, starting client 19/50, id: 80
round 37, starting client 20/50, id: 63
round 37, starting client 21/50, id: 42
round 37, starting client 22/50, id: 71
round 37, starting client 23/50, id: 62
round 37, starting client 24/50, id: 93
round 37, starting client 25/50, id: 44
round 37, starting client 26/50, id: 50
round 37, starting client 27/50, id: 1
round 37, starting client 28/50, id: 92
round 37, starting client 29/50, id: 54
round 37, starting client 30/50, id: 86
round 37, starting client 31/50, id: 11
round 37, starting client 32/50, id: 35
round 37, starting client 33/50, id: 2
round 37, starting client 34/50, id: 23
round 37, starting client 35/50, id: 48
round 37, starting client 36/50, id: 85
round 37, starting client 37/50, id: 59
round 37, starting client 38/50, id: 12
round 37, starting client 39/50, id: 82
round 37, starting client 40/50, id: 88
round 37, starting client 41/50, id: 84
round 37, starting client 42/50, id: 91
round 37, starting client 43/50, id: 69
round 37, starting client 44/50, id: 32

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round 37, starting client 45/50, id: 77
round 37, starting client 46/50, id: 13
round 37, starting client 47/50, id: 14
round 37, starting client 48/50, id: 20
round 37, starting client 49/50, id: 6
round 37, starting client 50/50, id: 39
round 37, validation acc: 0.9623
starting round 38
clients: [69 9 44 80 83 1 14 31 78 46 6 42 4 85 28 73 22 64 23 55 12 33 39
0
8 21 50 48 11 65 15 17 91 88 40 18 57 63 95 59 38 24 92 60 70 99 71 34
98 89]
round 38, starting client 1/50, id: 69
round 38, starting client 2/50, id: 9
round 38, starting client 3/50, id: 44
round 38, starting client 4/50, id: 80
round 38, starting client 5/50, id: 83
round 38, starting client 6/50, id: 1
round 38, starting client 7/50, id: 14
round 38, starting client 8/50, id: 31
round 38, starting client 9/50, id: 78
round 38, starting client 10/50, id: 46
round 38, starting client 11/50, id: 6
round 38, starting client 12/50, id: 42
round 38, starting client 13/50, id: 4
round 38, starting client 14/50, id: 85
round 38, starting client 15/50, id: 28
round 38, starting client 16/50, id: 73
round 38, starting client 17/50, id: 22
round 38, starting client 18/50, id: 64
round 38, starting client 19/50, id: 23
round 38, starting client 20/50, id: 55
round 38, starting client 21/50, id: 12
round 38, starting client 22/50, id: 33
round 38, starting client 23/50, id: 39
round 38, starting client 24/50, id: 0
round 38, starting client 25/50, id: 8
round 38, starting client 26/50, id: 21
round 38, starting client 27/50, id: 50
round 38, starting client 28/50, id: 48
round 38, starting client 29/50, id: 11
round 38, starting client 30/50, id: 65
round 38, starting client 31/50, id: 15
round 38, starting client 32/50, id: 17
round 38, starting client 33/50, id: 91
round 38, starting client 34/50, id: 88
round 38, starting client 35/50, id: 40
round 38, starting client 36/50, id: 18

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round 38, starting client 37/50, id: 57
round 38, starting client 38/50, id: 63
round 38, starting client 39/50, id: 95
round 38, starting client 40/50, id: 59
round 38, starting client 41/50, id: 38
round 38, starting client 42/50, id: 24
round 38, starting client 43/50, id: 92
round 38, starting client 44/50, id: 60
round 38, starting client 45/50, id: 70
round 38, starting client 46/50, id: 99
round 38, starting client 47/50, id: 71
round 38, starting client 48/50, id: 34
round 38, starting client 49/50, id: 98
round 38, starting client 50/50, id: 89
round 38, validation acc: 0.9639
starting round 39
clients: [90 93 64 10 58 79 33 27 72 25 68 95 50 81 40 89 36 20 97 29 75 57 12
92
      8 42 62 63  0 91 11 39 67 60 66 47  6  4 65 31 52 17  1 28 15 37 44 49
82 80]
round 39, starting client 1/50, id: 90
round 39, starting client 2/50, id: 93
round 39, starting client 3/50, id: 64
round 39, starting client 4/50, id: 10
round 39, starting client 5/50, id: 58
round 39, starting client 6/50, id: 79
round 39, starting client 7/50, id: 33
round 39, starting client 8/50, id: 27
round 39, starting client 9/50, id: 72
round 39, starting client 10/50, id: 25
round 39, starting client 11/50, id: 68
round 39, starting client 12/50, id: 95
round 39, starting client 13/50, id: 50
round 39, starting client 14/50, id: 81
round 39, starting client 15/50, id: 40
round 39, starting client 16/50, id: 89
round 39, starting client 17/50, id: 36
round 39, starting client 18/50, id: 20
round 39, starting client 19/50, id: 97
round 39, starting client 20/50, id: 29
round 39, starting client 21/50, id: 75
round 39, starting client 22/50, id: 57
round 39, starting client 23/50, id: 12
round 39, starting client 24/50, id: 92
round 39, starting client 25/50, id: 8
round 39, starting client 26/50, id: 42
round 39, starting client 27/50, id: 62
round 39, starting client 28/50, id: 63

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round 39, starting client 29/50, id: 0
round 39, starting client 30/50, id: 91
round 39, starting client 31/50, id: 11
round 39, starting client 32/50, id: 39
round 39, starting client 33/50, id: 67
round 39, starting client 34/50, id: 60
round 39, starting client 35/50, id: 66
round 39, starting client 36/50, id: 47
round 39, starting client 37/50, id: 6
round 39, starting client 38/50, id: 4
round 39, starting client 39/50, id: 65
round 39, starting client 40/50, id: 31
round 39, starting client 41/50, id: 52
round 39, starting client 42/50, id: 17
round 39, starting client 43/50, id: 1
round 39, starting client 44/50, id: 28
round 39, starting client 45/50, id: 15
round 39, starting client 46/50, id: 37
round 39, starting client 47/50, id: 44
round 39, starting client 48/50, id: 49
round 39, starting client 49/50, id: 82
round 39, starting client 50/50, id: 80
round 39, validation acc: 0.9647
starting round 40
clients: [28 19 4 39 24 13 96 55 48 12 3 69 1 63 83 97 72 76 30 42 22 37 60
7
78 11 27 58 68 41 84 59 89 38 25 67 20 92 91 0 9 49 5 23 46 52 77 16
53 2]
round 40, starting client 1/50, id: 28
round 40, starting client 2/50, id: 19
round 40, starting client 3/50, id: 4
round 40, starting client 4/50, id: 39
round 40, starting client 5/50, id: 24
round 40, starting client 6/50, id: 13
round 40, starting client 7/50, id: 96
round 40, starting client 8/50, id: 55
round 40, starting client 9/50, id: 48
round 40, starting client 10/50, id: 12
round 40, starting client 11/50, id: 3
round 40, starting client 12/50, id: 69
round 40, starting client 13/50, id: 1
round 40, starting client 14/50, id: 63
round 40, starting client 15/50, id: 83
round 40, starting client 16/50, id: 97
round 40, starting client 17/50, id: 72
round 40, starting client 18/50, id: 76
round 40, starting client 19/50, id: 30
round 40, starting client 20/50, id: 42

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round 40, starting client 21/50, id: 22
round 40, starting client 22/50, id: 37
round 40, starting client 23/50, id: 60
round 40, starting client 24/50, id: 7
round 40, starting client 25/50, id: 78
round 40, starting client 26/50, id: 11
round 40, starting client 27/50, id: 27
round 40, starting client 28/50, id: 58
round 40, starting client 29/50, id: 68
round 40, starting client 30/50, id: 41
round 40, starting client 31/50, id: 84
round 40, starting client 32/50, id: 59
round 40, starting client 33/50, id: 89
round 40, starting client 34/50, id: 38
round 40, starting client 35/50, id: 25
round 40, starting client 36/50, id: 67
round 40, starting client 37/50, id: 20
round 40, starting client 38/50, id: 92
round 40, starting client 39/50, id: 91
round 40, starting client 40/50, id: 0
round 40, starting client 41/50, id: 9
round 40, starting client 42/50, id: 49
round 40, starting client 43/50, id: 5
round 40, starting client 44/50, id: 23
round 40, starting client 45/50, id: 46
round 40, starting client 46/50, id: 52
round 40, starting client 47/50, id: 77
round 40, starting client 48/50, id: 16
round 40, starting client 49/50, id: 53
round 40, starting client 50/50, id: 2
round 40, validation acc: 0.9667
starting round 41
clients: [18 78 20 35 53 55 37 88 43 83 85 95 76 82 65 81 8 87 30 48 58 29 70
97
96 34 25 24 50 56 90 0 60 15 32 1 42 75 64 12 67 86 4 59 92 39 91 31
66 54]
round 41, starting client 1/50, id: 18
round 41, starting client 2/50, id: 78
round 41, starting client 3/50, id: 20
round 41, starting client 4/50, id: 35
round 41, starting client 5/50, id: 53
round 41, starting client 6/50, id: 55
round 41, starting client 7/50, id: 37
round 41, starting client 8/50, id: 88
round 41, starting client 9/50, id: 43
round 41, starting client 10/50, id: 83
round 41, starting client 11/50, id: 85
round 41, starting client 12/50, id: 95

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round 41, starting client 13/50, id: 76
round 41, starting client 14/50, id: 82
round 41, starting client 15/50, id: 65
round 41, starting client 16/50, id: 81
round 41, starting client 17/50, id: 8
round 41, starting client 18/50, id: 87
round 41, starting client 19/50, id: 30
round 41, starting client 20/50, id: 48
round 41, starting client 21/50, id: 58
round 41, starting client 22/50, id: 29
round 41, starting client 23/50, id: 70
round 41, starting client 24/50, id: 97
round 41, starting client 25/50, id: 96
round 41, starting client 26/50, id: 34
round 41, starting client 27/50, id: 25
round 41, starting client 28/50, id: 24
round 41, starting client 29/50, id: 50
round 41, starting client 30/50, id: 56
round 41, starting client 31/50, id: 90
round 41, starting client 32/50, id: 0
round 41, starting client 33/50, id: 60
round 41, starting client 34/50, id: 15
round 41, starting client 35/50, id: 32
round 41, starting client 36/50, id: 1
round 41, starting client 37/50, id: 42
round 41, starting client 38/50, id: 75
round 41, starting client 39/50, id: 64
round 41, starting client 40/50, id: 12
round 41, starting client 41/50, id: 67
round 41, starting client 42/50, id: 86
round 41, starting client 43/50, id: 4
round 41, starting client 44/50, id: 59
round 41, starting client 45/50, id: 92
round 41, starting client 46/50, id: 39
round 41, starting client 47/50, id: 91
round 41, starting client 48/50, id: 31
round 41, starting client 49/50, id: 66
round 41, starting client 50/50, id: 54
round 41, validation acc: 0.9645
starting round 42
clients: [38 51 50 75 76 10 12 42 44 69 6 84 86 5 48 58 54 61 66 29 65 94 53
59
31 52 8 14 91 81 9 72 56 37 17 85 64 25 47 19 78 83 13 97 80 23 11 16
36 93]
round 42, starting client 1/50, id: 38
round 42, starting client 2/50, id: 51
round 42, starting client 3/50, id: 50
round 42, starting client 4/50, id: 75

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round 42, starting client 5/50, id: 76
round 42, starting client 6/50, id: 10
round 42, starting client 7/50, id: 12
round 42, starting client 8/50, id: 42
round 42, starting client 9/50, id: 44
round 42, starting client 10/50, id: 69
round 42, starting client 11/50, id: 6
round 42, starting client 12/50, id: 84
round 42, starting client 13/50, id: 86
round 42, starting client 14/50, id: 5
round 42, starting client 15/50, id: 48
round 42, starting client 16/50, id: 58
round 42, starting client 17/50, id: 54
round 42, starting client 18/50, id: 61
round 42, starting client 19/50, id: 66
round 42, starting client 20/50, id: 29
round 42, starting client 21/50, id: 65
round 42, starting client 22/50, id: 94
round 42, starting client 23/50, id: 53
round 42, starting client 24/50, id: 59
round 42, starting client 25/50, id: 31
round 42, starting client 26/50, id: 52
round 42, starting client 27/50, id: 8
round 42, starting client 28/50, id: 14
round 42, starting client 29/50, id: 91
round 42, starting client 30/50, id: 81
round 42, starting client 31/50, id: 9
round 42, starting client 32/50, id: 72
round 42, starting client 33/50, id: 56
round 42, starting client 34/50, id: 37
round 42, starting client 35/50, id: 17
round 42, starting client 36/50, id: 85
round 42, starting client 37/50, id: 64
round 42, starting client 38/50, id: 25
round 42, starting client 39/50, id: 47
round 42, starting client 40/50, id: 19
round 42, starting client 41/50, id: 78
round 42, starting client 42/50, id: 83
round 42, starting client 43/50, id: 13
round 42, starting client 44/50, id: 97
round 42, starting client 45/50, id: 80
round 42, starting client 46/50, id: 23
round 42, starting client 47/50, id: 11
round 42, starting client 48/50, id: 16
round 42, starting client 49/50, id: 36
round 42, starting client 50/50, id: 93
round 42, validation acc: 0.9651
starting round 43

clients: [61 15 22 59 76 56 17 57 89 69 60 85 39 32 44 9 20 14 70 82 13 71 31
99

46 12 8 5 62 72 67 74 38 29 79 40 26 48 55 80 87 92 6 11 86 36 58 10
51 81]

round 43, starting client 1/50, id: 61
round 43, starting client 2/50, id: 15
round 43, starting client 3/50, id: 22
round 43, starting client 4/50, id: 59
round 43, starting client 5/50, id: 76
round 43, starting client 6/50, id: 56
round 43, starting client 7/50, id: 17
round 43, starting client 8/50, id: 57
round 43, starting client 9/50, id: 89
round 43, starting client 10/50, id: 69
round 43, starting client 11/50, id: 60
round 43, starting client 12/50, id: 85
round 43, starting client 13/50, id: 39
round 43, starting client 14/50, id: 32
round 43, starting client 15/50, id: 44
round 43, starting client 16/50, id: 9
round 43, starting client 17/50, id: 20
round 43, starting client 18/50, id: 14
round 43, starting client 19/50, id: 70
round 43, starting client 20/50, id: 82
round 43, starting client 21/50, id: 13
round 43, starting client 22/50, id: 71
round 43, starting client 23/50, id: 31
round 43, starting client 24/50, id: 99
round 43, starting client 25/50, id: 46
round 43, starting client 26/50, id: 12
round 43, starting client 27/50, id: 8
round 43, starting client 28/50, id: 5
round 43, starting client 29/50, id: 62
round 43, starting client 30/50, id: 72
round 43, starting client 31/50, id: 67
round 43, starting client 32/50, id: 74
round 43, starting client 33/50, id: 38
round 43, starting client 34/50, id: 29
round 43, starting client 35/50, id: 79
round 43, starting client 36/50, id: 40
round 43, starting client 37/50, id: 26
round 43, starting client 38/50, id: 48
round 43, starting client 39/50, id: 55
round 43, starting client 40/50, id: 80
round 43, starting client 41/50, id: 87
round 43, starting client 42/50, id: 92
round 43, starting client 43/50, id: 6
round 43, starting client 44/50, id: 11

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round 43, starting client 45/50, id: 86
round 43, starting client 46/50, id: 36
round 43, starting client 47/50, id: 58
round 43, starting client 48/50, id: 10
round 43, starting client 49/50, id: 51
round 43, starting client 50/50, id: 81
round 43, validation acc: 0.9677
starting round 44
clients: [ 7 23 29 50 55 14 43 19 74 81  3 93 64 31 49 77 52  4 44 78 16 56 97
10
 67 12 58 83 17 88 75 94 33 85 87 54 11 91 35 92 25 53 48 40 39  1 22 61
26 63]
round 44, starting client 1/50, id: 7
round 44, starting client 2/50, id: 23
round 44, starting client 3/50, id: 29
round 44, starting client 4/50, id: 50
round 44, starting client 5/50, id: 55
round 44, starting client 6/50, id: 14
round 44, starting client 7/50, id: 43
round 44, starting client 8/50, id: 19
round 44, starting client 9/50, id: 74
round 44, starting client 10/50, id: 81
round 44, starting client 11/50, id: 3
round 44, starting client 12/50, id: 93
round 44, starting client 13/50, id: 64
round 44, starting client 14/50, id: 31
round 44, starting client 15/50, id: 49
round 44, starting client 16/50, id: 77
round 44, starting client 17/50, id: 52
round 44, starting client 18/50, id: 4
round 44, starting client 19/50, id: 44
round 44, starting client 20/50, id: 78
round 44, starting client 21/50, id: 16
round 44, starting client 22/50, id: 56
round 44, starting client 23/50, id: 97
round 44, starting client 24/50, id: 10
round 44, starting client 25/50, id: 67
round 44, starting client 26/50, id: 12
round 44, starting client 27/50, id: 58
round 44, starting client 28/50, id: 83
round 44, starting client 29/50, id: 17
round 44, starting client 30/50, id: 88
round 44, starting client 31/50, id: 75
round 44, starting client 32/50, id: 94
round 44, starting client 33/50, id: 33
round 44, starting client 34/50, id: 85
round 44, starting client 35/50, id: 87
round 44, starting client 36/50, id: 54

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round 44, starting client 37/50, id: 11
round 44, starting client 38/50, id: 91
round 44, starting client 39/50, id: 35
round 44, starting client 40/50, id: 92
round 44, starting client 41/50, id: 25
round 44, starting client 42/50, id: 53
round 44, starting client 43/50, id: 48
round 44, starting client 44/50, id: 40
round 44, starting client 45/50, id: 39
round 44, starting client 46/50, id: 1
round 44, starting client 47/50, id: 22
round 44, starting client 48/50, id: 61
round 44, starting client 49/50, id: 26
round 44, starting client 50/50, id: 63
round 44, validation acc: 0.9673
starting round 45
clients: [76 67 97 25 56 19 88 42 52 80 45 55 18 66 92 74 70 6 0 62 11 73 15
82
46 22 7 8 47 93 85 60 35 64 36 29 68 71 91 86 9 57 59 27 24 48 28 12
40 54]
round 45, starting client 1/50, id: 76
round 45, starting client 2/50, id: 67
round 45, starting client 3/50, id: 97
round 45, starting client 4/50, id: 25
round 45, starting client 5/50, id: 56
round 45, starting client 6/50, id: 19
round 45, starting client 7/50, id: 88
round 45, starting client 8/50, id: 42
round 45, starting client 9/50, id: 52
round 45, starting client 10/50, id: 80
round 45, starting client 11/50, id: 45
round 45, starting client 12/50, id: 55
round 45, starting client 13/50, id: 18
round 45, starting client 14/50, id: 66
round 45, starting client 15/50, id: 92
round 45, starting client 16/50, id: 74
round 45, starting client 17/50, id: 70
round 45, starting client 18/50, id: 6
round 45, starting client 19/50, id: 0
round 45, starting client 20/50, id: 62
round 45, starting client 21/50, id: 11
round 45, starting client 22/50, id: 73
round 45, starting client 23/50, id: 15
round 45, starting client 24/50, id: 82
round 45, starting client 25/50, id: 46
round 45, starting client 26/50, id: 22
round 45, starting client 27/50, id: 7
round 45, starting client 28/50, id: 8

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round 45, starting client 29/50, id: 47
round 45, starting client 30/50, id: 93
round 45, starting client 31/50, id: 85
round 45, starting client 32/50, id: 60
round 45, starting client 33/50, id: 35
round 45, starting client 34/50, id: 64
round 45, starting client 35/50, id: 36
round 45, starting client 36/50, id: 29
round 45, starting client 37/50, id: 68
round 45, starting client 38/50, id: 71
round 45, starting client 39/50, id: 91
round 45, starting client 40/50, id: 86
round 45, starting client 41/50, id: 9
round 45, starting client 42/50, id: 57
round 45, starting client 43/50, id: 59
round 45, starting client 44/50, id: 27
round 45, starting client 45/50, id: 24
round 45, starting client 46/50, id: 48
round 45, starting client 47/50, id: 28
round 45, starting client 48/50, id: 12
round 45, starting client 49/50, id: 40
round 45, starting client 50/50, id: 54
round 45, validation acc: 0.9676
starting round 46
clients: [52 82 39 45 47 27 60 31 72 57 79 16 3 1 84 7 85 86 91 78 62 40 4
66
24 74 65 41 30 43 89 29 80 14 8 81 94 98 71 69 10 9 37 61 93 34 51 90
67 23]
round 46, starting client 1/50, id: 52
round 46, starting client 2/50, id: 82
round 46, starting client 3/50, id: 39
round 46, starting client 4/50, id: 45
round 46, starting client 5/50, id: 47
round 46, starting client 6/50, id: 27
round 46, starting client 7/50, id: 60
round 46, starting client 8/50, id: 31
round 46, starting client 9/50, id: 72
round 46, starting client 10/50, id: 57
round 46, starting client 11/50, id: 79
round 46, starting client 12/50, id: 16
round 46, starting client 13/50, id: 3
round 46, starting client 14/50, id: 1
round 46, starting client 15/50, id: 84
round 46, starting client 16/50, id: 7
round 46, starting client 17/50, id: 85
round 46, starting client 18/50, id: 86
round 46, starting client 19/50, id: 91
round 46, starting client 20/50, id: 78

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round 46, starting client 21/50, id: 62
round 46, starting client 22/50, id: 40
round 46, starting client 23/50, id: 4
round 46, starting client 24/50, id: 66
round 46, starting client 25/50, id: 24
round 46, starting client 26/50, id: 74
round 46, starting client 27/50, id: 65
round 46, starting client 28/50, id: 41
round 46, starting client 29/50, id: 30
round 46, starting client 30/50, id: 43
round 46, starting client 31/50, id: 89
round 46, starting client 32/50, id: 29
round 46, starting client 33/50, id: 80
round 46, starting client 34/50, id: 14
round 46, starting client 35/50, id: 8
round 46, starting client 36/50, id: 81
round 46, starting client 37/50, id: 94
round 46, starting client 38/50, id: 98
round 46, starting client 39/50, id: 71
round 46, starting client 40/50, id: 69
round 46, starting client 41/50, id: 10
round 46, starting client 42/50, id: 9
round 46, starting client 43/50, id: 37
round 46, starting client 44/50, id: 61
round 46, starting client 45/50, id: 93
round 46, starting client 46/50, id: 34
round 46, starting client 47/50, id: 51
round 46, starting client 48/50, id: 90
round 46, starting client 49/50, id: 67
round 46, starting client 50/50, id: 23
round 46, validation acc: 0.972
starting round 47
clients: [81 89 83 6 55 78 0 74 2 62 45 30 60 73 18 31 24 86 7 36 21 57 42
3
25 85 90 48 43 80 59 50 15 98 40 44 12 56 34 61 94 16 64 27 14 69 11 4
70 84]
round 47, starting client 1/50, id: 81
round 47, starting client 2/50, id: 89
round 47, starting client 3/50, id: 83
round 47, starting client 4/50, id: 6
round 47, starting client 5/50, id: 55
round 47, starting client 6/50, id: 78
round 47, starting client 7/50, id: 0
round 47, starting client 8/50, id: 74
round 47, starting client 9/50, id: 2
round 47, starting client 10/50, id: 62
round 47, starting client 11/50, id: 45
round 47, starting client 12/50, id: 30

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round 47, starting client 13/50, id: 60
round 47, starting client 14/50, id: 73
round 47, starting client 15/50, id: 18
round 47, starting client 16/50, id: 31
round 47, starting client 17/50, id: 24
round 47, starting client 18/50, id: 86
round 47, starting client 19/50, id: 7
round 47, starting client 20/50, id: 36
round 47, starting client 21/50, id: 21
round 47, starting client 22/50, id: 57
round 47, starting client 23/50, id: 42
round 47, starting client 24/50, id: 3
round 47, starting client 25/50, id: 25
round 47, starting client 26/50, id: 85
round 47, starting client 27/50, id: 90
round 47, starting client 28/50, id: 48
round 47, starting client 29/50, id: 43
round 47, starting client 30/50, id: 80
round 47, starting client 31/50, id: 59
round 47, starting client 32/50, id: 50
round 47, starting client 33/50, id: 15
round 47, starting client 34/50, id: 98
round 47, starting client 35/50, id: 40
round 47, starting client 36/50, id: 44
round 47, starting client 37/50, id: 12
round 47, starting client 38/50, id: 56
round 47, starting client 39/50, id: 34
round 47, starting client 40/50, id: 61
round 47, starting client 41/50, id: 94
round 47, starting client 42/50, id: 16
round 47, starting client 43/50, id: 64
round 47, starting client 44/50, id: 27
round 47, starting client 45/50, id: 14
round 47, starting client 46/50, id: 69
round 47, starting client 47/50, id: 11
round 47, starting client 48/50, id: 4
round 47, starting client 49/50, id: 70
round 47, starting client 50/50, id: 84
round 47, validation acc: 0.968
starting round 48
clients: [93 0 53 13 84 38 5 42 16 6 55 4 43 24 61 29 76 83 59 51 95 81 97
12
91 69 86 22 63 37 48 46 28 67 65 60 92 90 68 54 77 41 96 58 31 1 71 30
36 79]
round 48, starting client 1/50, id: 93
round 48, starting client 2/50, id: 0
round 48, starting client 3/50, id: 53
round 48, starting client 4/50, id: 13

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round 48, starting client 5/50, id: 84
round 48, starting client 6/50, id: 38
round 48, starting client 7/50, id: 5
round 48, starting client 8/50, id: 42
round 48, starting client 9/50, id: 16
round 48, starting client 10/50, id: 6
round 48, starting client 11/50, id: 55
round 48, starting client 12/50, id: 4
round 48, starting client 13/50, id: 43
round 48, starting client 14/50, id: 24
round 48, starting client 15/50, id: 61
round 48, starting client 16/50, id: 29
round 48, starting client 17/50, id: 76
round 48, starting client 18/50, id: 83
round 48, starting client 19/50, id: 59
round 48, starting client 20/50, id: 51
round 48, starting client 21/50, id: 95
round 48, starting client 22/50, id: 81
round 48, starting client 23/50, id: 97
round 48, starting client 24/50, id: 12
round 48, starting client 25/50, id: 91
round 48, starting client 26/50, id: 69
round 48, starting client 27/50, id: 86
round 48, starting client 28/50, id: 22
round 48, starting client 29/50, id: 63
round 48, starting client 30/50, id: 37
round 48, starting client 31/50, id: 48
round 48, starting client 32/50, id: 46
round 48, starting client 33/50, id: 28
round 48, starting client 34/50, id: 67
round 48, starting client 35/50, id: 65
round 48, starting client 36/50, id: 60
round 48, starting client 37/50, id: 92
round 48, starting client 38/50, id: 90
round 48, starting client 39/50, id: 68
round 48, starting client 40/50, id: 54
round 48, starting client 41/50, id: 77
round 48, starting client 42/50, id: 41
round 48, starting client 43/50, id: 96
round 48, starting client 44/50, id: 58
round 48, starting client 45/50, id: 31
round 48, starting client 46/50, id: 1
round 48, starting client 47/50, id: 71
round 48, starting client 48/50, id: 30
round 48, starting client 49/50, id: 36
round 48, starting client 50/50, id: 79
round 48, validation acc: 0.9689
starting round 49

clients: [90 26 28 85 80 41 65 86 35 1 94 25 43 75 96 4 33 61 60 57 0 83 97
56

36 27 19 92 10 47 30 18 55 82 68 73 6 58 50 88 2 66 24 22 67 39 87 23
69 46]

round 49, starting client 1/50, id: 90
round 49, starting client 2/50, id: 26
round 49, starting client 3/50, id: 28
round 49, starting client 4/50, id: 85
round 49, starting client 5/50, id: 80
round 49, starting client 6/50, id: 41
round 49, starting client 7/50, id: 65
round 49, starting client 8/50, id: 86
round 49, starting client 9/50, id: 35
round 49, starting client 10/50, id: 1
round 49, starting client 11/50, id: 94
round 49, starting client 12/50, id: 25
round 49, starting client 13/50, id: 43
round 49, starting client 14/50, id: 75
round 49, starting client 15/50, id: 96
round 49, starting client 16/50, id: 4
round 49, starting client 17/50, id: 33
round 49, starting client 18/50, id: 61
round 49, starting client 19/50, id: 60
round 49, starting client 20/50, id: 57
round 49, starting client 21/50, id: 0
round 49, starting client 22/50, id: 83
round 49, starting client 23/50, id: 97
round 49, starting client 24/50, id: 56
round 49, starting client 25/50, id: 36
round 49, starting client 26/50, id: 27
round 49, starting client 27/50, id: 19
round 49, starting client 28/50, id: 92
round 49, starting client 29/50, id: 10
round 49, starting client 30/50, id: 47
round 49, starting client 31/50, id: 30
round 49, starting client 32/50, id: 18
round 49, starting client 33/50, id: 55
round 49, starting client 34/50, id: 82
round 49, starting client 35/50, id: 68
round 49, starting client 36/50, id: 73
round 49, starting client 37/50, id: 6
round 49, starting client 38/50, id: 58
round 49, starting client 39/50, id: 50
round 49, starting client 40/50, id: 88
round 49, starting client 41/50, id: 2
round 49, starting client 42/50, id: 66
round 49, starting client 43/50, id: 24
round 49, starting client 44/50, id: 22

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round 49, starting client 45/50, id: 67
round 49, starting client 46/50, id: 39
round 49, starting client 47/50, id: 87
round 49, starting client 48/50, id: 23
round 49, starting client 49/50, id: 69
round 49, starting client 50/50, id: 46
round 49, validation acc: 0.9718
starting round 50
clients: [85 98 26 24 29 81 43 44 82 9 23 64 54 37 65 80 79 28 4 84 2 46 91
40
77 45 18 96 88 27 11 95 10 87 89 97 8 70 51 99 66 15 13 35 75 47 72 86
25 16]
round 50, starting client 1/50, id: 85
round 50, starting client 2/50, id: 98
round 50, starting client 3/50, id: 26
round 50, starting client 4/50, id: 24
round 50, starting client 5/50, id: 29
round 50, starting client 6/50, id: 81
round 50, starting client 7/50, id: 43
round 50, starting client 8/50, id: 44
round 50, starting client 9/50, id: 82
round 50, starting client 10/50, id: 9
round 50, starting client 11/50, id: 23
round 50, starting client 12/50, id: 64
round 50, starting client 13/50, id: 54
round 50, starting client 14/50, id: 37
round 50, starting client 15/50, id: 65
round 50, starting client 16/50, id: 80
round 50, starting client 17/50, id: 79
round 50, starting client 18/50, id: 28
round 50, starting client 19/50, id: 4
round 50, starting client 20/50, id: 84
round 50, starting client 21/50, id: 2
round 50, starting client 22/50, id: 46
round 50, starting client 23/50, id: 91
round 50, starting client 24/50, id: 40
round 50, starting client 25/50, id: 77
round 50, starting client 26/50, id: 45
round 50, starting client 27/50, id: 18
round 50, starting client 28/50, id: 96
round 50, starting client 29/50, id: 88
round 50, starting client 30/50, id: 27
round 50, starting client 31/50, id: 11
round 50, starting client 32/50, id: 95
round 50, starting client 33/50, id: 10
round 50, starting client 34/50, id: 87
round 50, starting client 35/50, id: 89
round 50, starting client 36/50, id: 97

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round 50, starting client 37/50, id: 8
round 50, starting client 38/50, id: 70
round 50, starting client 39/50, id: 51
round 50, starting client 40/50, id: 99
round 50, starting client 41/50, id: 66
round 50, starting client 42/50, id: 15
round 50, starting client 43/50, id: 13
round 50, starting client 44/50, id: 35
round 50, starting client 45/50, id: 75
round 50, starting client 46/50, id: 47
round 50, starting client 47/50, id: 72
round 50, starting client 48/50, id: 86
round 50, starting client 49/50, id: 25
round 50, starting client 50/50, id: 16
round 50, validation acc: 0.9717
starting round 51
clients: [91 47 59 92 43 30 63 22 23 62 37 7 89 20 58 81 83 17 95 71 73 61 16
46
74 27 34 5 75 25 72 70 57 80 68 64 4 86 19 85 31 28 97 35 77 44 84 32
8 3]
round 51, starting client 1/50, id: 91
round 51, starting client 2/50, id: 47
round 51, starting client 3/50, id: 59
round 51, starting client 4/50, id: 92
round 51, starting client 5/50, id: 43
round 51, starting client 6/50, id: 30
round 51, starting client 7/50, id: 63
round 51, starting client 8/50, id: 22
round 51, starting client 9/50, id: 23
round 51, starting client 10/50, id: 62
round 51, starting client 11/50, id: 37
round 51, starting client 12/50, id: 7
round 51, starting client 13/50, id: 89
round 51, starting client 14/50, id: 20
round 51, starting client 15/50, id: 58
round 51, starting client 16/50, id: 81
round 51, starting client 17/50, id: 83
round 51, starting client 18/50, id: 17
round 51, starting client 19/50, id: 95
round 51, starting client 20/50, id: 71
round 51, starting client 21/50, id: 73
round 51, starting client 22/50, id: 61
round 51, starting client 23/50, id: 16
round 51, starting client 24/50, id: 46
round 51, starting client 25/50, id: 74
round 51, starting client 26/50, id: 27
round 51, starting client 27/50, id: 34
round 51, starting client 28/50, id: 5

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round 51, starting client 29/50, id: 75
round 51, starting client 30/50, id: 25
round 51, starting client 31/50, id: 72
round 51, starting client 32/50, id: 70
round 51, starting client 33/50, id: 57
round 51, starting client 34/50, id: 80
round 51, starting client 35/50, id: 68
round 51, starting client 36/50, id: 64
round 51, starting client 37/50, id: 4
round 51, starting client 38/50, id: 86
round 51, starting client 39/50, id: 19
round 51, starting client 40/50, id: 85
round 51, starting client 41/50, id: 31
round 51, starting client 42/50, id: 28
round 51, starting client 43/50, id: 97
round 51, starting client 44/50, id: 35
round 51, starting client 45/50, id: 77
round 51, starting client 46/50, id: 44
round 51, starting client 47/50, id: 84
round 51, starting client 48/50, id: 32
round 51, starting client 49/50, id: 8
round 51, starting client 50/50, id: 3
round 51, validation acc: 0.9741
starting round 52
clients: [63 26 83 71 33 22 77 0 91 79 14 15 67 93 30 8 85 7 54 29 96 4 64
1
61 98 56 45 49 48 32 28 41 65 59 17 62 3 58 18 6 16 44 20 95 47 9 12
53 86]
round 52, starting client 1/50, id: 63
round 52, starting client 2/50, id: 26
round 52, starting client 3/50, id: 83
round 52, starting client 4/50, id: 71
round 52, starting client 5/50, id: 33
round 52, starting client 6/50, id: 22
round 52, starting client 7/50, id: 77
round 52, starting client 8/50, id: 0
round 52, starting client 9/50, id: 91
round 52, starting client 10/50, id: 79
round 52, starting client 11/50, id: 14
round 52, starting client 12/50, id: 15
round 52, starting client 13/50, id: 67
round 52, starting client 14/50, id: 93
round 52, starting client 15/50, id: 30
round 52, starting client 16/50, id: 8
round 52, starting client 17/50, id: 85
round 52, starting client 18/50, id: 7
round 52, starting client 19/50, id: 54
round 52, starting client 20/50, id: 29

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round 52, starting client 21/50, id: 96
round 52, starting client 22/50, id: 4
round 52, starting client 23/50, id: 64
round 52, starting client 24/50, id: 1
round 52, starting client 25/50, id: 61
round 52, starting client 26/50, id: 98
round 52, starting client 27/50, id: 56
round 52, starting client 28/50, id: 45
round 52, starting client 29/50, id: 49
round 52, starting client 30/50, id: 48
round 52, starting client 31/50, id: 32
round 52, starting client 32/50, id: 28
round 52, starting client 33/50, id: 41
round 52, starting client 34/50, id: 65
round 52, starting client 35/50, id: 59
round 52, starting client 36/50, id: 17
round 52, starting client 37/50, id: 62
round 52, starting client 38/50, id: 3
round 52, starting client 39/50, id: 58
round 52, starting client 40/50, id: 18
round 52, starting client 41/50, id: 6
round 52, starting client 42/50, id: 16
round 52, starting client 43/50, id: 44
round 52, starting client 44/50, id: 20
round 52, starting client 45/50, id: 95
round 52, starting client 46/50, id: 47
round 52, starting client 47/50, id: 9
round 52, starting client 48/50, id: 12
round 52, starting client 49/50, id: 53
round 52, starting client 50/50, id: 86
round 52, validation acc: 0.9726
starting round 53
clients: [ 9 37 15 82 95 24 52 89 42 53 17 51 50 85 6 54 84 93 18 21 11 75 41
8
58 98 71 49 40 46 47 80 38 16 31 81 19 72 56 44 86 92 10 65 87 3 39 59
45 0]
round 53, starting client 1/50, id: 9
round 53, starting client 2/50, id: 37
round 53, starting client 3/50, id: 15
round 53, starting client 4/50, id: 82
round 53, starting client 5/50, id: 95
round 53, starting client 6/50, id: 24
round 53, starting client 7/50, id: 52
round 53, starting client 8/50, id: 89
round 53, starting client 9/50, id: 42
round 53, starting client 10/50, id: 53
round 53, starting client 11/50, id: 17
round 53, starting client 12/50, id: 51

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round 53, starting client 13/50, id: 50
round 53, starting client 14/50, id: 85
round 53, starting client 15/50, id: 6
round 53, starting client 16/50, id: 54
round 53, starting client 17/50, id: 84
round 53, starting client 18/50, id: 93
round 53, starting client 19/50, id: 18
round 53, starting client 20/50, id: 21
round 53, starting client 21/50, id: 11
round 53, starting client 22/50, id: 75
round 53, starting client 23/50, id: 41
round 53, starting client 24/50, id: 8
round 53, starting client 25/50, id: 58
round 53, starting client 26/50, id: 98
round 53, starting client 27/50, id: 71
round 53, starting client 28/50, id: 49
round 53, starting client 29/50, id: 40
round 53, starting client 30/50, id: 46
round 53, starting client 31/50, id: 47
round 53, starting client 32/50, id: 80
round 53, starting client 33/50, id: 38
round 53, starting client 34/50, id: 16
round 53, starting client 35/50, id: 31
round 53, starting client 36/50, id: 81
round 53, starting client 37/50, id: 19
round 53, starting client 38/50, id: 72
round 53, starting client 39/50, id: 56
round 53, starting client 40/50, id: 44
round 53, starting client 41/50, id: 86
round 53, starting client 42/50, id: 92
round 53, starting client 43/50, id: 10
round 53, starting client 44/50, id: 65
round 53, starting client 45/50, id: 87
round 53, starting client 46/50, id: 3
round 53, starting client 47/50, id: 39
round 53, starting client 48/50, id: 59
round 53, starting client 49/50, id: 45
round 53, starting client 50/50, id: 0
round 53, validation acc: 0.9723
starting round 54
clients: [70 82 47  3 77 27 60 15 46 91 86 78  9 58 62 25 87 17 79 88 63  0 99
44
 74 84  6 49  8 69 85 64 67 81 29 56 54 92 13 33  5 68 52 59 11 38 97 75
89 80]
round 54, starting client 1/50, id: 70
round 54, starting client 2/50, id: 82
round 54, starting client 3/50, id: 47
round 54, starting client 4/50, id: 3

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round 54, starting client 5/50, id: 77
round 54, starting client 6/50, id: 27
round 54, starting client 7/50, id: 60
round 54, starting client 8/50, id: 15
round 54, starting client 9/50, id: 46
round 54, starting client 10/50, id: 91
round 54, starting client 11/50, id: 86
round 54, starting client 12/50, id: 78
round 54, starting client 13/50, id: 9
round 54, starting client 14/50, id: 58
round 54, starting client 15/50, id: 62
round 54, starting client 16/50, id: 25
round 54, starting client 17/50, id: 87
round 54, starting client 18/50, id: 17
round 54, starting client 19/50, id: 79
round 54, starting client 20/50, id: 88
round 54, starting client 21/50, id: 63
round 54, starting client 22/50, id: 0
round 54, starting client 23/50, id: 99
round 54, starting client 24/50, id: 44
round 54, starting client 25/50, id: 74
round 54, starting client 26/50, id: 84
round 54, starting client 27/50, id: 6
round 54, starting client 28/50, id: 49
round 54, starting client 29/50, id: 8
round 54, starting client 30/50, id: 69
round 54, starting client 31/50, id: 85
round 54, starting client 32/50, id: 64
round 54, starting client 33/50, id: 67
round 54, starting client 34/50, id: 81
round 54, starting client 35/50, id: 29
round 54, starting client 36/50, id: 56
round 54, starting client 37/50, id: 54
round 54, starting client 38/50, id: 92
round 54, starting client 39/50, id: 13
round 54, starting client 40/50, id: 33
round 54, starting client 41/50, id: 5
round 54, starting client 42/50, id: 68
round 54, starting client 43/50, id: 52
round 54, starting client 44/50, id: 59
round 54, starting client 45/50, id: 11
round 54, starting client 46/50, id: 38
round 54, starting client 47/50, id: 97
round 54, starting client 48/50, id: 75
round 54, starting client 49/50, id: 89
round 54, starting client 50/50, id: 80
round 54, validation acc: 0.9689
starting round 55

clients: [53 47 59 1 22 76 89 30 13 7 15 98 97 80 54 51 84 3 83 94 46 65 79
72

35 29 68 71 42 87 73 28 57 31 33 23 18 75 5 85 92 40 14 64 96 37 27 12
10 41]

round 55, starting client 1/50, id: 53
round 55, starting client 2/50, id: 47
round 55, starting client 3/50, id: 59
round 55, starting client 4/50, id: 1
round 55, starting client 5/50, id: 22
round 55, starting client 6/50, id: 76
round 55, starting client 7/50, id: 89
round 55, starting client 8/50, id: 30
round 55, starting client 9/50, id: 13
round 55, starting client 10/50, id: 7
round 55, starting client 11/50, id: 15
round 55, starting client 12/50, id: 98
round 55, starting client 13/50, id: 97
round 55, starting client 14/50, id: 80
round 55, starting client 15/50, id: 54
round 55, starting client 16/50, id: 51
round 55, starting client 17/50, id: 84
round 55, starting client 18/50, id: 3
round 55, starting client 19/50, id: 83
round 55, starting client 20/50, id: 94
round 55, starting client 21/50, id: 46
round 55, starting client 22/50, id: 65
round 55, starting client 23/50, id: 79
round 55, starting client 24/50, id: 72
round 55, starting client 25/50, id: 35
round 55, starting client 26/50, id: 29
round 55, starting client 27/50, id: 68
round 55, starting client 28/50, id: 71
round 55, starting client 29/50, id: 42
round 55, starting client 30/50, id: 87
round 55, starting client 31/50, id: 73
round 55, starting client 32/50, id: 28
round 55, starting client 33/50, id: 57
round 55, starting client 34/50, id: 31
round 55, starting client 35/50, id: 33
round 55, starting client 36/50, id: 23
round 55, starting client 37/50, id: 18
round 55, starting client 38/50, id: 75
round 55, starting client 39/50, id: 5
round 55, starting client 40/50, id: 85
round 55, starting client 41/50, id: 92
round 55, starting client 42/50, id: 40
round 55, starting client 43/50, id: 14
round 55, starting client 44/50, id: 64


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round 55, starting client 45/50, id: 96
round 55, starting client 46/50, id: 37
round 55, starting client 47/50, id: 27
round 55, starting client 48/50, id: 12
round 55, starting client 49/50, id: 10
round 55, starting client 50/50, id: 41
round 55, validation acc: 0.9663
starting round 56
clients: [90 99 73 47 85 33 38 23 12 63 13 26 39 7 56 96 93 50 45 75 48 92 61
34
84 98 40 1 10 51 49 65 25 66 80 52 3 70 97 42 6 16 72 83 41 31 95 62
69 88]
round 56, starting client 1/50, id: 90
round 56, starting client 2/50, id: 99
round 56, starting client 3/50, id: 73
round 56, starting client 4/50, id: 47
round 56, starting client 5/50, id: 85
round 56, starting client 6/50, id: 33
round 56, starting client 7/50, id: 38
round 56, starting client 8/50, id: 23
round 56, starting client 9/50, id: 12
round 56, starting client 10/50, id: 63
round 56, starting client 11/50, id: 13
round 56, starting client 12/50, id: 26
round 56, starting client 13/50, id: 39
round 56, starting client 14/50, id: 7
round 56, starting client 15/50, id: 56
round 56, starting client 16/50, id: 96
round 56, starting client 17/50, id: 93
round 56, starting client 18/50, id: 50
round 56, starting client 19/50, id: 45
round 56, starting client 20/50, id: 75
round 56, starting client 21/50, id: 48
round 56, starting client 22/50, id: 92
round 56, starting client 23/50, id: 61
round 56, starting client 24/50, id: 34
round 56, starting client 25/50, id: 84
round 56, starting client 26/50, id: 98
round 56, starting client 27/50, id: 40
round 56, starting client 28/50, id: 1
round 56, starting client 29/50, id: 10
round 56, starting client 30/50, id: 51
round 56, starting client 31/50, id: 49
round 56, starting client 32/50, id: 65
round 56, starting client 33/50, id: 25
round 56, starting client 34/50, id: 66
round 56, starting client 35/50, id: 80
round 56, starting client 36/50, id: 52

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round 56, starting client 37/50, id: 3
round 56, starting client 38/50, id: 70
round 56, starting client 39/50, id: 97
round 56, starting client 40/50, id: 42
round 56, starting client 41/50, id: 6
round 56, starting client 42/50, id: 16
round 56, starting client 43/50, id: 72
round 56, starting client 44/50, id: 83
round 56, starting client 45/50, id: 41
round 56, starting client 46/50, id: 31
round 56, starting client 47/50, id: 95
round 56, starting client 48/50, id: 62
round 56, starting client 49/50, id: 69
round 56, starting client 50/50, id: 88
round 56, validation acc: 0.9729
starting round 57
clients: [84 88 13 75 12 0 46 60 15 70 26 64 79 81 73 78 61 44 4 6 49 97 39
9
1 28 65 32 80 69 31 45 47 18 8 90 83 63 16 56 99 27 7 85 72 21 51 37
86 23]
round 57, starting client 1/50, id: 84
round 57, starting client 2/50, id: 88
round 57, starting client 3/50, id: 13
round 57, starting client 4/50, id: 75
round 57, starting client 5/50, id: 12
round 57, starting client 6/50, id: 0
round 57, starting client 7/50, id: 46
round 57, starting client 8/50, id: 60
round 57, starting client 9/50, id: 15
round 57, starting client 10/50, id: 70
round 57, starting client 11/50, id: 26
round 57, starting client 12/50, id: 64
round 57, starting client 13/50, id: 79
round 57, starting client 14/50, id: 81
round 57, starting client 15/50, id: 73
round 57, starting client 16/50, id: 78
round 57, starting client 17/50, id: 61
round 57, starting client 18/50, id: 44
round 57, starting client 19/50, id: 4
round 57, starting client 20/50, id: 6
round 57, starting client 21/50, id: 49
round 57, starting client 22/50, id: 97
round 57, starting client 23/50, id: 39
round 57, starting client 24/50, id: 9
round 57, starting client 25/50, id: 1
round 57, starting client 26/50, id: 28
round 57, starting client 27/50, id: 65
round 57, starting client 28/50, id: 32

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round 57, starting client 29/50, id: 80
round 57, starting client 30/50, id: 69
round 57, starting client 31/50, id: 31
round 57, starting client 32/50, id: 45
round 57, starting client 33/50, id: 47
round 57, starting client 34/50, id: 18
round 57, starting client 35/50, id: 8
round 57, starting client 36/50, id: 90
round 57, starting client 37/50, id: 83
round 57, starting client 38/50, id: 63
round 57, starting client 39/50, id: 16
round 57, starting client 40/50, id: 56
round 57, starting client 41/50, id: 99
round 57, starting client 42/50, id: 27
round 57, starting client 43/50, id: 7
round 57, starting client 44/50, id: 85
round 57, starting client 45/50, id: 72
round 57, starting client 46/50, id: 21
round 57, starting client 47/50, id: 51
round 57, starting client 48/50, id: 37
round 57, starting client 49/50, id: 86
round 57, starting client 50/50, id: 23
round 57, validation acc: 0.9736
starting round 58
clients: [ 7 92 43 14 54 25 81 60 39 56 22 79 9 50 77 66 37 4 94 49 17 93 63
87
67 75 78 85 27 91 28 53 30 74 83 59 10 64 33 88 24 89 2 68 26 45 5 38
61 97]
round 58, starting client 1/50, id: 7
round 58, starting client 2/50, id: 92
round 58, starting client 3/50, id: 43
round 58, starting client 4/50, id: 14
round 58, starting client 5/50, id: 54
round 58, starting client 6/50, id: 25
round 58, starting client 7/50, id: 81
round 58, starting client 8/50, id: 60
round 58, starting client 9/50, id: 39
round 58, starting client 10/50, id: 56
round 58, starting client 11/50, id: 22
round 58, starting client 12/50, id: 79
round 58, starting client 13/50, id: 9
round 58, starting client 14/50, id: 50
round 58, starting client 15/50, id: 77
round 58, starting client 16/50, id: 66
round 58, starting client 17/50, id: 37
round 58, starting client 18/50, id: 4
round 58, starting client 19/50, id: 94
round 58, starting client 20/50, id: 49

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round 58, starting client 21/50, id: 17
round 58, starting client 22/50, id: 93
round 58, starting client 23/50, id: 63
round 58, starting client 24/50, id: 87
round 58, starting client 25/50, id: 67
round 58, starting client 26/50, id: 75
round 58, starting client 27/50, id: 78
round 58, starting client 28/50, id: 85
round 58, starting client 29/50, id: 27
round 58, starting client 30/50, id: 91
round 58, starting client 31/50, id: 28
round 58, starting client 32/50, id: 53
round 58, starting client 33/50, id: 30
round 58, starting client 34/50, id: 74
round 58, starting client 35/50, id: 83
round 58, starting client 36/50, id: 59
round 58, starting client 37/50, id: 10
round 58, starting client 38/50, id: 64
round 58, starting client 39/50, id: 33
round 58, starting client 40/50, id: 88
round 58, starting client 41/50, id: 24
round 58, starting client 42/50, id: 89
round 58, starting client 43/50, id: 2
round 58, starting client 44/50, id: 68
round 58, starting client 45/50, id: 26
round 58, starting client 46/50, id: 45
round 58, starting client 47/50, id: 5
round 58, starting client 48/50, id: 38
round 58, starting client 49/50, id: 61
round 58, starting client 50/50, id: 97
round 58, validation acc: 0.9742
starting round 59
clients: [24 13 3 97 81 86 74 42 68 10 47 1 28 52 95 4 56 37 51 75 80 96 59
73
5 23 21 33 30 58 18 91 6 64 84 55 87 54 36 83 40 46 94 85 76 44 98 69
14 71]
round 59, starting client 1/50, id: 24
round 59, starting client 2/50, id: 13
round 59, starting client 3/50, id: 3
round 59, starting client 4/50, id: 97
round 59, starting client 5/50, id: 81
round 59, starting client 6/50, id: 86
round 59, starting client 7/50, id: 74
round 59, starting client 8/50, id: 42
round 59, starting client 9/50, id: 68
round 59, starting client 10/50, id: 10
round 59, starting client 11/50, id: 47
round 59, starting client 12/50, id: 1

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round 59, starting client 13/50, id: 28
round 59, starting client 14/50, id: 52
round 59, starting client 15/50, id: 95
round 59, starting client 16/50, id: 4
round 59, starting client 17/50, id: 56
round 59, starting client 18/50, id: 37
round 59, starting client 19/50, id: 51
round 59, starting client 20/50, id: 75
round 59, starting client 21/50, id: 80
round 59, starting client 22/50, id: 96
round 59, starting client 23/50, id: 59
round 59, starting client 24/50, id: 73
round 59, starting client 25/50, id: 5
round 59, starting client 26/50, id: 23
round 59, starting client 27/50, id: 21
round 59, starting client 28/50, id: 33
round 59, starting client 29/50, id: 30
round 59, starting client 30/50, id: 58
round 59, starting client 31/50, id: 18
round 59, starting client 32/50, id: 91
round 59, starting client 33/50, id: 6
round 59, starting client 34/50, id: 64
round 59, starting client 35/50, id: 84
round 59, starting client 36/50, id: 55
round 59, starting client 37/50, id: 87
round 59, starting client 38/50, id: 54
round 59, starting client 39/50, id: 36
round 59, starting client 40/50, id: 83
round 59, starting client 41/50, id: 40
round 59, starting client 42/50, id: 46
round 59, starting client 43/50, id: 94
round 59, starting client 44/50, id: 85
round 59, starting client 45/50, id: 76
round 59, starting client 46/50, id: 44
round 59, starting client 47/50, id: 98
round 59, starting client 48/50, id: 69
round 59, starting client 49/50, id: 14
round 59, starting client 50/50, id: 71
round 59, validation acc: 0.9733
starting round 60
clients: [77 40 30 70 57  2 98 44 35 58 45 91 38 87 74 42 67 65  1 96 62 78  6
93
  5 20 36  7 88 18 28 19 46 85 84 13 71 55 92  8 64 11 14 50 26 24 23 61
39 41]
round 60, starting client 1/50, id: 77
round 60, starting client 2/50, id: 40
round 60, starting client 3/50, id: 30
round 60, starting client 4/50, id: 70

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round 60, starting client 5/50, id: 57
round 60, starting client 6/50, id: 2
round 60, starting client 7/50, id: 98
round 60, starting client 8/50, id: 44
round 60, starting client 9/50, id: 35
round 60, starting client 10/50, id: 58
round 60, starting client 11/50, id: 45
round 60, starting client 12/50, id: 91
round 60, starting client 13/50, id: 38
round 60, starting client 14/50, id: 87
round 60, starting client 15/50, id: 74
round 60, starting client 16/50, id: 42
round 60, starting client 17/50, id: 67
round 60, starting client 18/50, id: 65
round 60, starting client 19/50, id: 1
round 60, starting client 20/50, id: 96
round 60, starting client 21/50, id: 62
round 60, starting client 22/50, id: 78
round 60, starting client 23/50, id: 6
round 60, starting client 24/50, id: 93
round 60, starting client 25/50, id: 5
round 60, starting client 26/50, id: 20
round 60, starting client 27/50, id: 36
round 60, starting client 28/50, id: 7
round 60, starting client 29/50, id: 88
round 60, starting client 30/50, id: 18
round 60, starting client 31/50, id: 28
round 60, starting client 32/50, id: 19
round 60, starting client 33/50, id: 46
round 60, starting client 34/50, id: 85
round 60, starting client 35/50, id: 84
round 60, starting client 36/50, id: 13
round 60, starting client 37/50, id: 71
round 60, starting client 38/50, id: 55
round 60, starting client 39/50, id: 92
round 60, starting client 40/50, id: 8
round 60, starting client 41/50, id: 64
round 60, starting client 42/50, id: 11
round 60, starting client 43/50, id: 14
round 60, starting client 44/50, id: 50
round 60, starting client 45/50, id: 26
round 60, starting client 46/50, id: 24
round 60, starting client 47/50, id: 23
round 60, starting client 48/50, id: 61
round 60, starting client 49/50, id: 39
round 60, starting client 50/50, id: 41
round 60, validation acc: 0.9737
starting round 61

clients: [42 6 44 64 10 5 96 68 38 91 11 28 81 17 83 92 70 27 98 80 56 75 57
51

36 24 21 71 85 54 61 89 82 74 66 29 34 20 40 59 63 32 4 79 35 78 86 52
95 7]

round 61, starting client 1/50, id: 42
round 61, starting client 2/50, id: 6
round 61, starting client 3/50, id: 44
round 61, starting client 4/50, id: 64
round 61, starting client 5/50, id: 10
round 61, starting client 6/50, id: 5
round 61, starting client 7/50, id: 96
round 61, starting client 8/50, id: 68
round 61, starting client 9/50, id: 38
round 61, starting client 10/50, id: 91
round 61, starting client 11/50, id: 11
round 61, starting client 12/50, id: 28
round 61, starting client 13/50, id: 81
round 61, starting client 14/50, id: 17
round 61, starting client 15/50, id: 83
round 61, starting client 16/50, id: 92
round 61, starting client 17/50, id: 70
round 61, starting client 18/50, id: 27
round 61, starting client 19/50, id: 98
round 61, starting client 20/50, id: 80
round 61, starting client 21/50, id: 56
round 61, starting client 22/50, id: 75
round 61, starting client 23/50, id: 57
round 61, starting client 24/50, id: 51
round 61, starting client 25/50, id: 36
round 61, starting client 26/50, id: 24
round 61, starting client 27/50, id: 21
round 61, starting client 28/50, id: 71
round 61, starting client 29/50, id: 85
round 61, starting client 30/50, id: 54
round 61, starting client 31/50, id: 61
round 61, starting client 32/50, id: 89
round 61, starting client 33/50, id: 82
round 61, starting client 34/50, id: 74
round 61, starting client 35/50, id: 66
round 61, starting client 36/50, id: 29
round 61, starting client 37/50, id: 34
round 61, starting client 38/50, id: 20
round 61, starting client 39/50, id: 40
round 61, starting client 40/50, id: 59
round 61, starting client 41/50, id: 63
round 61, starting client 42/50, id: 32
round 61, starting client 43/50, id: 4
round 61, starting client 44/50, id: 79

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round 61, starting client 45/50, id: 35
round 61, starting client 46/50, id: 78
round 61, starting client 47/50, id: 86
round 61, starting client 48/50, id: 52
round 61, starting client 49/50, id: 95
round 61, starting client 50/50, id: 7
round 61, validation acc: 0.9742
starting round 62
clients: [92 53 26 67 33 34 0 91 74 9 88 21 8 78 30 48 59 62 23 43 55 71 16
79
14 36 44 76 85 7 83 69 84 37 50 65 40 89 47 51 72 97 56 31 17 96 68 28
77 38]
round 62, starting client 1/50, id: 92
round 62, starting client 2/50, id: 53
round 62, starting client 3/50, id: 26
round 62, starting client 4/50, id: 67
round 62, starting client 5/50, id: 33
round 62, starting client 6/50, id: 34
round 62, starting client 7/50, id: 0
round 62, starting client 8/50, id: 91
round 62, starting client 9/50, id: 74
round 62, starting client 10/50, id: 9
round 62, starting client 11/50, id: 88
round 62, starting client 12/50, id: 21
round 62, starting client 13/50, id: 8
round 62, starting client 14/50, id: 78
round 62, starting client 15/50, id: 30
round 62, starting client 16/50, id: 48
round 62, starting client 17/50, id: 59
round 62, starting client 18/50, id: 62
round 62, starting client 19/50, id: 23
round 62, starting client 20/50, id: 43
round 62, starting client 21/50, id: 55
round 62, starting client 22/50, id: 71
round 62, starting client 23/50, id: 16
round 62, starting client 24/50, id: 79
round 62, starting client 25/50, id: 14
round 62, starting client 26/50, id: 36
round 62, starting client 27/50, id: 44
round 62, starting client 28/50, id: 76
round 62, starting client 29/50, id: 85
round 62, starting client 30/50, id: 7
round 62, starting client 31/50, id: 83
round 62, starting client 32/50, id: 69
round 62, starting client 33/50, id: 84
round 62, starting client 34/50, id: 37
round 62, starting client 35/50, id: 50
round 62, starting client 36/50, id: 65

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round 62, starting client 37/50, id: 40
round 62, starting client 38/50, id: 89
round 62, starting client 39/50, id: 47
round 62, starting client 40/50, id: 51
round 62, starting client 41/50, id: 72
round 62, starting client 42/50, id: 97
round 62, starting client 43/50, id: 56
round 62, starting client 44/50, id: 31
round 62, starting client 45/50, id: 17
round 62, starting client 46/50, id: 96
round 62, starting client 47/50, id: 68
round 62, starting client 48/50, id: 28
round 62, starting client 49/50, id: 77
round 62, starting client 50/50, id: 38
round 62, validation acc: 0.9737
starting round 63
clients: [23 19 44 71 73 37 85 82 95 20 59 68 86 43 27 29 11 46  2 22 41 42 13
98
 39 65 34  3 31 83 55 76 53 99 93 30 18 38 63 84 64 51 33 72 96  4 52 40
17 75]
round 63, starting client 1/50, id: 23
round 63, starting client 2/50, id: 19
round 63, starting client 3/50, id: 44
round 63, starting client 4/50, id: 71
round 63, starting client 5/50, id: 73
round 63, starting client 6/50, id: 37
round 63, starting client 7/50, id: 85
round 63, starting client 8/50, id: 82
round 63, starting client 9/50, id: 95
round 63, starting client 10/50, id: 20
round 63, starting client 11/50, id: 59
round 63, starting client 12/50, id: 68
round 63, starting client 13/50, id: 86
round 63, starting client 14/50, id: 43
round 63, starting client 15/50, id: 27
round 63, starting client 16/50, id: 29
round 63, starting client 17/50, id: 11
round 63, starting client 18/50, id: 46
round 63, starting client 19/50, id: 2
round 63, starting client 20/50, id: 22
round 63, starting client 21/50, id: 41
round 63, starting client 22/50, id: 42
round 63, starting client 23/50, id: 13
round 63, starting client 24/50, id: 98
round 63, starting client 25/50, id: 39
round 63, starting client 26/50, id: 65
round 63, starting client 27/50, id: 34
round 63, starting client 28/50, id: 3

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round 63, starting client 29/50, id: 31
round 63, starting client 30/50, id: 83
round 63, starting client 31/50, id: 55
round 63, starting client 32/50, id: 76
round 63, starting client 33/50, id: 53
round 63, starting client 34/50, id: 99
round 63, starting client 35/50, id: 93
round 63, starting client 36/50, id: 30
round 63, starting client 37/50, id: 18
round 63, starting client 38/50, id: 38
round 63, starting client 39/50, id: 63
round 63, starting client 40/50, id: 84
round 63, starting client 41/50, id: 64
round 63, starting client 42/50, id: 51
round 63, starting client 43/50, id: 33
round 63, starting client 44/50, id: 72
round 63, starting client 45/50, id: 96
round 63, starting client 46/50, id: 4
round 63, starting client 47/50, id: 52
round 63, starting client 48/50, id: 40
round 63, starting client 49/50, id: 17
round 63, starting client 50/50, id: 75
round 63, validation acc: 0.9725
starting round 64
clients: [15 70 72 56 79 50 48 45 98 9 4 33 34 43 5 46 22 24 41 23 18 58 77
10
94 29 35 38 93 91 67 21 78 47 36 17 80 20 75 64 71 89 97 53 1 14 68 25
13 61]
round 64, starting client 1/50, id: 15
round 64, starting client 2/50, id: 70
round 64, starting client 3/50, id: 72
round 64, starting client 4/50, id: 56
round 64, starting client 5/50, id: 79
round 64, starting client 6/50, id: 50
round 64, starting client 7/50, id: 48
round 64, starting client 8/50, id: 45
round 64, starting client 9/50, id: 98
round 64, starting client 10/50, id: 9
round 64, starting client 11/50, id: 4
round 64, starting client 12/50, id: 33
round 64, starting client 13/50, id: 34
round 64, starting client 14/50, id: 43
round 64, starting client 15/50, id: 5
round 64, starting client 16/50, id: 46
round 64, starting client 17/50, id: 22
round 64, starting client 18/50, id: 24
round 64, starting client 19/50, id: 41
round 64, starting client 20/50, id: 23

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round 64, starting client 21/50, id: 18
round 64, starting client 22/50, id: 58
round 64, starting client 23/50, id: 77
round 64, starting client 24/50, id: 10
round 64, starting client 25/50, id: 94
round 64, starting client 26/50, id: 29
round 64, starting client 27/50, id: 35
round 64, starting client 28/50, id: 38
round 64, starting client 29/50, id: 93
round 64, starting client 30/50, id: 91
round 64, starting client 31/50, id: 67
round 64, starting client 32/50, id: 21
round 64, starting client 33/50, id: 78
round 64, starting client 34/50, id: 47
round 64, starting client 35/50, id: 36
round 64, starting client 36/50, id: 17
round 64, starting client 37/50, id: 80
round 64, starting client 38/50, id: 20
round 64, starting client 39/50, id: 75
round 64, starting client 40/50, id: 64
round 64, starting client 41/50, id: 71
round 64, starting client 42/50, id: 89
round 64, starting client 43/50, id: 97
round 64, starting client 44/50, id: 53
round 64, starting client 45/50, id: 1
round 64, starting client 46/50, id: 14
round 64, starting client 47/50, id: 68
round 64, starting client 48/50, id: 25
round 64, starting client 49/50, id: 13
round 64, starting client 50/50, id: 61
round 64, validation acc: 0.9754
starting round 65
clients: [94 61 65 1 37 53 7 49 17 34 96 9 67 76 24 19 70 47 5 75 79 21 58
10
30 27 63 93 3 68 46 0 32 22 60 14 92 69 78 95 71 20 82 16 12 23 18 45
62 88]
round 65, starting client 1/50, id: 94
round 65, starting client 2/50, id: 61
round 65, starting client 3/50, id: 65
round 65, starting client 4/50, id: 1
round 65, starting client 5/50, id: 37
round 65, starting client 6/50, id: 53
round 65, starting client 7/50, id: 7
round 65, starting client 8/50, id: 49
round 65, starting client 9/50, id: 17
round 65, starting client 10/50, id: 34
round 65, starting client 11/50, id: 96
round 65, starting client 12/50, id: 9

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round 65, starting client 13/50, id: 67
round 65, starting client 14/50, id: 76
round 65, starting client 15/50, id: 24
round 65, starting client 16/50, id: 19
round 65, starting client 17/50, id: 70
round 65, starting client 18/50, id: 47
round 65, starting client 19/50, id: 5
round 65, starting client 20/50, id: 75
round 65, starting client 21/50, id: 79
round 65, starting client 22/50, id: 21
round 65, starting client 23/50, id: 58
round 65, starting client 24/50, id: 10
round 65, starting client 25/50, id: 30
round 65, starting client 26/50, id: 27
round 65, starting client 27/50, id: 63
round 65, starting client 28/50, id: 93
round 65, starting client 29/50, id: 3
round 65, starting client 30/50, id: 68
round 65, starting client 31/50, id: 46
round 65, starting client 32/50, id: 0
round 65, starting client 33/50, id: 32
round 65, starting client 34/50, id: 22
round 65, starting client 35/50, id: 60
round 65, starting client 36/50, id: 14
round 65, starting client 37/50, id: 92
round 65, starting client 38/50, id: 69
round 65, starting client 39/50, id: 78
round 65, starting client 40/50, id: 95
round 65, starting client 41/50, id: 71
round 65, starting client 42/50, id: 20
round 65, starting client 43/50, id: 82
round 65, starting client 44/50, id: 16
round 65, starting client 45/50, id: 12
round 65, starting client 46/50, id: 23
round 65, starting client 47/50, id: 18
round 65, starting client 48/50, id: 45
round 65, starting client 49/50, id: 62
round 65, starting client 50/50, id: 88
round 65, validation acc: 0.9766
starting round 66
clients: [29 35 82 97 6 37 60 32 27 62 90 65 63 43 78 31 67 20 54 23 51 0 30
40
93 25 55 22 83 28 59 17 87 58 69 5 4 7 10 34 68 14 94 46 8 96 56 64
13 84]
round 66, starting client 1/50, id: 29
round 66, starting client 2/50, id: 35
round 66, starting client 3/50, id: 82
round 66, starting client 4/50, id: 97

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round 66, starting client 5/50, id: 6
round 66, starting client 6/50, id: 37
round 66, starting client 7/50, id: 60
round 66, starting client 8/50, id: 32
round 66, starting client 9/50, id: 27
round 66, starting client 10/50, id: 62
round 66, starting client 11/50, id: 90
round 66, starting client 12/50, id: 65
round 66, starting client 13/50, id: 63
round 66, starting client 14/50, id: 43
round 66, starting client 15/50, id: 78
round 66, starting client 16/50, id: 31
round 66, starting client 17/50, id: 67
round 66, starting client 18/50, id: 20
round 66, starting client 19/50, id: 54
round 66, starting client 20/50, id: 23
round 66, starting client 21/50, id: 51
round 66, starting client 22/50, id: 0
round 66, starting client 23/50, id: 30
round 66, starting client 24/50, id: 40
round 66, starting client 25/50, id: 93
round 66, starting client 26/50, id: 25
round 66, starting client 27/50, id: 55
round 66, starting client 28/50, id: 22
round 66, starting client 29/50, id: 83
round 66, starting client 30/50, id: 28
round 66, starting client 31/50, id: 59
round 66, starting client 32/50, id: 17
round 66, starting client 33/50, id: 87
round 66, starting client 34/50, id: 58
round 66, starting client 35/50, id: 69
round 66, starting client 36/50, id: 5
round 66, starting client 37/50, id: 4
round 66, starting client 38/50, id: 7
round 66, starting client 39/50, id: 10
round 66, starting client 40/50, id: 34
round 66, starting client 41/50, id: 68
round 66, starting client 42/50, id: 14
round 66, starting client 43/50, id: 94
round 66, starting client 44/50, id: 46
round 66, starting client 45/50, id: 8
round 66, starting client 46/50, id: 96
round 66, starting client 47/50, id: 56
round 66, starting client 48/50, id: 64
round 66, starting client 49/50, id: 13
round 66, starting client 50/50, id: 84
round 66, validation acc: 0.9761
starting round 67

clients: [91 62 0 79 15 58 96 64 11 56 77 69 45 19 43 38 29 49 50 54 13 44 65
3

84 39 36 8 74 47 67 83 24 75 99 34 86 80 5 97 42 41 85 17 32 6 31 59
23 20]

round 67, starting client 1/50, id: 91
round 67, starting client 2/50, id: 62
round 67, starting client 3/50, id: 0
round 67, starting client 4/50, id: 79
round 67, starting client 5/50, id: 15
round 67, starting client 6/50, id: 58
round 67, starting client 7/50, id: 96
round 67, starting client 8/50, id: 64
round 67, starting client 9/50, id: 11
round 67, starting client 10/50, id: 56
round 67, starting client 11/50, id: 77
round 67, starting client 12/50, id: 69
round 67, starting client 13/50, id: 45
round 67, starting client 14/50, id: 19
round 67, starting client 15/50, id: 43
round 67, starting client 16/50, id: 38
round 67, starting client 17/50, id: 29
round 67, starting client 18/50, id: 49
round 67, starting client 19/50, id: 50
round 67, starting client 20/50, id: 54
round 67, starting client 21/50, id: 13
round 67, starting client 22/50, id: 44
round 67, starting client 23/50, id: 65
round 67, starting client 24/50, id: 3
round 67, starting client 25/50, id: 84
round 67, starting client 26/50, id: 39
round 67, starting client 27/50, id: 36
round 67, starting client 28/50, id: 8
round 67, starting client 29/50, id: 74
round 67, starting client 30/50, id: 47
round 67, starting client 31/50, id: 67
round 67, starting client 32/50, id: 83
round 67, starting client 33/50, id: 24
round 67, starting client 34/50, id: 75
round 67, starting client 35/50, id: 99
round 67, starting client 36/50, id: 34
round 67, starting client 37/50, id: 86
round 67, starting client 38/50, id: 80
round 67, starting client 39/50, id: 5
round 67, starting client 40/50, id: 97
round 67, starting client 41/50, id: 42
round 67, starting client 42/50, id: 41
round 67, starting client 43/50, id: 85
round 67, starting client 44/50, id: 17

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round 67, starting client 45/50, id: 32
round 67, starting client 46/50, id: 6
round 67, starting client 47/50, id: 31
round 67, starting client 48/50, id: 59
round 67, starting client 49/50, id: 23
round 67, starting client 50/50, id: 20
round 67, validation acc: 0.9778
starting round 68
clients: [67 40 79 1 14 32 3 43 50 88 27 4 5 51 28 65 69 75 30 53 21 52 78
99
17 41 92 44 10 66 59 60 48 9 35 68 62 6 72 80 46 91 87 63 20 56 97 81
19 12]
round 68, starting client 1/50, id: 67
round 68, starting client 2/50, id: 40
round 68, starting client 3/50, id: 79
round 68, starting client 4/50, id: 1
round 68, starting client 5/50, id: 14
round 68, starting client 6/50, id: 32
round 68, starting client 7/50, id: 3
round 68, starting client 8/50, id: 43
round 68, starting client 9/50, id: 50
round 68, starting client 10/50, id: 88
round 68, starting client 11/50, id: 27
round 68, starting client 12/50, id: 4
round 68, starting client 13/50, id: 5
round 68, starting client 14/50, id: 51
round 68, starting client 15/50, id: 28
round 68, starting client 16/50, id: 65
round 68, starting client 17/50, id: 69
round 68, starting client 18/50, id: 75
round 68, starting client 19/50, id: 30
round 68, starting client 20/50, id: 53
round 68, starting client 21/50, id: 21
round 68, starting client 22/50, id: 52
round 68, starting client 23/50, id: 78
round 68, starting client 24/50, id: 99
round 68, starting client 25/50, id: 17
round 68, starting client 26/50, id: 41
round 68, starting client 27/50, id: 92
round 68, starting client 28/50, id: 44
round 68, starting client 29/50, id: 10
round 68, starting client 30/50, id: 66
round 68, starting client 31/50, id: 59
round 68, starting client 32/50, id: 60
round 68, starting client 33/50, id: 48
round 68, starting client 34/50, id: 9
round 68, starting client 35/50, id: 35
round 68, starting client 36/50, id: 68

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round 68, starting client 37/50, id: 62
round 68, starting client 38/50, id: 6
round 68, starting client 39/50, id: 72
round 68, starting client 40/50, id: 80
round 68, starting client 41/50, id: 46
round 68, starting client 42/50, id: 91
round 68, starting client 43/50, id: 87
round 68, starting client 44/50, id: 63
round 68, starting client 45/50, id: 20
round 68, starting client 46/50, id: 56
round 68, starting client 47/50, id: 97
round 68, starting client 48/50, id: 81
round 68, starting client 49/50, id: 19
round 68, starting client 50/50, id: 12
round 68, validation acc: 0.9767
starting round 69
clients: [55 15 85 70 93 49 79  4  7 36 62 43 17 59 58 69 16 98  9 10 48 13 63
74
 73 60 41 90 23  3 78 51 76 77 61 30 88 75 99 33 11 65 95 94 86 54 68 18
 6 83]
round 69, starting client 1/50, id: 55
round 69, starting client 2/50, id: 15
round 69, starting client 3/50, id: 85
round 69, starting client 4/50, id: 70
round 69, starting client 5/50, id: 93
round 69, starting client 6/50, id: 49
round 69, starting client 7/50, id: 79
round 69, starting client 8/50, id: 4
round 69, starting client 9/50, id: 7
round 69, starting client 10/50, id: 36
round 69, starting client 11/50, id: 62
round 69, starting client 12/50, id: 43
round 69, starting client 13/50, id: 17
round 69, starting client 14/50, id: 59
round 69, starting client 15/50, id: 58
round 69, starting client 16/50, id: 69
round 69, starting client 17/50, id: 16
round 69, starting client 18/50, id: 98
round 69, starting client 19/50, id: 9
round 69, starting client 20/50, id: 10
round 69, starting client 21/50, id: 48
round 69, starting client 22/50, id: 13
round 69, starting client 23/50, id: 63
round 69, starting client 24/50, id: 74
round 69, starting client 25/50, id: 73
round 69, starting client 26/50, id: 60
round 69, starting client 27/50, id: 41
round 69, starting client 28/50, id: 90

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round 69, starting client 29/50, id: 23
round 69, starting client 30/50, id: 3
round 69, starting client 31/50, id: 78
round 69, starting client 32/50, id: 51
round 69, starting client 33/50, id: 76
round 69, starting client 34/50, id: 77
round 69, starting client 35/50, id: 61
round 69, starting client 36/50, id: 30
round 69, starting client 37/50, id: 88
round 69, starting client 38/50, id: 75
round 69, starting client 39/50, id: 99
round 69, starting client 40/50, id: 33
round 69, starting client 41/50, id: 11
round 69, starting client 42/50, id: 65
round 69, starting client 43/50, id: 95
round 69, starting client 44/50, id: 94
round 69, starting client 45/50, id: 86
round 69, starting client 46/50, id: 54
round 69, starting client 47/50, id: 68
round 69, starting client 48/50, id: 18
round 69, starting client 49/50, id: 6
round 69, starting client 50/50, id: 83
round 69, validation acc: 0.9777
starting round 70
clients: [93 89 42 63 10 49 61 66 75 26 40 27 0 91 35 6 85 70 97 54 74 84 94
22
51 28 38 78 76 21 32 47 59 90 45 2 86 33 65 92 31 56 64 25 11 48 16 15
36 87]
round 70, starting client 1/50, id: 93
round 70, starting client 2/50, id: 89
round 70, starting client 3/50, id: 42
round 70, starting client 4/50, id: 63
round 70, starting client 5/50, id: 10
round 70, starting client 6/50, id: 49
round 70, starting client 7/50, id: 61
round 70, starting client 8/50, id: 66
round 70, starting client 9/50, id: 75
round 70, starting client 10/50, id: 26
round 70, starting client 11/50, id: 40
round 70, starting client 12/50, id: 27
round 70, starting client 13/50, id: 0
round 70, starting client 14/50, id: 91
round 70, starting client 15/50, id: 35
round 70, starting client 16/50, id: 6
round 70, starting client 17/50, id: 85
round 70, starting client 18/50, id: 70
round 70, starting client 19/50, id: 97
round 70, starting client 20/50, id: 54

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round 70, starting client 21/50, id: 74
round 70, starting client 22/50, id: 84
round 70, starting client 23/50, id: 94
round 70, starting client 24/50, id: 22
round 70, starting client 25/50, id: 51
round 70, starting client 26/50, id: 28
round 70, starting client 27/50, id: 38
round 70, starting client 28/50, id: 78
round 70, starting client 29/50, id: 76
round 70, starting client 30/50, id: 21
round 70, starting client 31/50, id: 32
round 70, starting client 32/50, id: 47
round 70, starting client 33/50, id: 59
round 70, starting client 34/50, id: 90
round 70, starting client 35/50, id: 45
round 70, starting client 36/50, id: 2
round 70, starting client 37/50, id: 86
round 70, starting client 38/50, id: 33
round 70, starting client 39/50, id: 65
round 70, starting client 40/50, id: 92
round 70, starting client 41/50, id: 31
round 70, starting client 42/50, id: 56
round 70, starting client 43/50, id: 64
round 70, starting client 44/50, id: 25
round 70, starting client 45/50, id: 11
round 70, starting client 46/50, id: 48
round 70, starting client 47/50, id: 16
round 70, starting client 48/50, id: 15
round 70, starting client 49/50, id: 36
round 70, starting client 50/50, id: 87
round 70, validation acc: 0.9773
starting round 71
clients: [94 53 69 14 98 62 97 19 37 25 88  2 45 99 38 60  4 87 46 20 44  3 73
48
 22 74  5 79 34 52 51 41 83  6 9 16 31 85 67 92 70  1 86 95 30 91 71 76
89 57]
round 71, starting client 1/50, id: 94
round 71, starting client 2/50, id: 53
round 71, starting client 3/50, id: 69
round 71, starting client 4/50, id: 14
round 71, starting client 5/50, id: 98
round 71, starting client 6/50, id: 62
round 71, starting client 7/50, id: 97
round 71, starting client 8/50, id: 19
round 71, starting client 9/50, id: 37
round 71, starting client 10/50, id: 25
round 71, starting client 11/50, id: 88
round 71, starting client 12/50, id: 2

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round 71, starting client 13/50, id: 45
round 71, starting client 14/50, id: 99
round 71, starting client 15/50, id: 38
round 71, starting client 16/50, id: 60
round 71, starting client 17/50, id: 4
round 71, starting client 18/50, id: 87
round 71, starting client 19/50, id: 46
round 71, starting client 20/50, id: 20
round 71, starting client 21/50, id: 44
round 71, starting client 22/50, id: 3
round 71, starting client 23/50, id: 73
round 71, starting client 24/50, id: 48
round 71, starting client 25/50, id: 22
round 71, starting client 26/50, id: 74
round 71, starting client 27/50, id: 5
round 71, starting client 28/50, id: 79
round 71, starting client 29/50, id: 34
round 71, starting client 30/50, id: 52
round 71, starting client 31/50, id: 51
round 71, starting client 32/50, id: 41
round 71, starting client 33/50, id: 83
round 71, starting client 34/50, id: 6
round 71, starting client 35/50, id: 9
round 71, starting client 36/50, id: 16
round 71, starting client 37/50, id: 31
round 71, starting client 38/50, id: 85
round 71, starting client 39/50, id: 67
round 71, starting client 40/50, id: 92
round 71, starting client 41/50, id: 70
round 71, starting client 42/50, id: 1
round 71, starting client 43/50, id: 86
round 71, starting client 44/50, id: 95
round 71, starting client 45/50, id: 30
round 71, starting client 46/50, id: 91
round 71, starting client 47/50, id: 71
round 71, starting client 48/50, id: 76
round 71, starting client 49/50, id: 89
round 71, starting client 50/50, id: 57
round 71, validation acc: 0.9766
starting round 72
clients: [71 78 51 92 1 50 10 88 44 35 59 86 18 21 15 69 64 3 95 20 80 43 74
16
98 42 96 45 4 76 17 22 0 27 66 6 14 36 72 94 83 89 65 7 12 91 9 85
87 84]
round 72, starting client 1/50, id: 71
round 72, starting client 2/50, id: 78
round 72, starting client 3/50, id: 51
round 72, starting client 4/50, id: 92

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round 72, starting client 5/50, id: 1
round 72, starting client 6/50, id: 50
round 72, starting client 7/50, id: 10
round 72, starting client 8/50, id: 88
round 72, starting client 9/50, id: 44
round 72, starting client 10/50, id: 35
round 72, starting client 11/50, id: 59
round 72, starting client 12/50, id: 86
round 72, starting client 13/50, id: 18
round 72, starting client 14/50, id: 21
round 72, starting client 15/50, id: 15
round 72, starting client 16/50, id: 69
round 72, starting client 17/50, id: 64
round 72, starting client 18/50, id: 3
round 72, starting client 19/50, id: 95
round 72, starting client 20/50, id: 20
round 72, starting client 21/50, id: 80
round 72, starting client 22/50, id: 43
round 72, starting client 23/50, id: 74
round 72, starting client 24/50, id: 16
round 72, starting client 25/50, id: 98
round 72, starting client 26/50, id: 42
round 72, starting client 27/50, id: 96
round 72, starting client 28/50, id: 45
round 72, starting client 29/50, id: 4
round 72, starting client 30/50, id: 76
round 72, starting client 31/50, id: 17
round 72, starting client 32/50, id: 22
round 72, starting client 33/50, id: 0
round 72, starting client 34/50, id: 27
round 72, starting client 35/50, id: 66
round 72, starting client 36/50, id: 6
round 72, starting client 37/50, id: 14
round 72, starting client 38/50, id: 36
round 72, starting client 39/50, id: 72
round 72, starting client 40/50, id: 94
round 72, starting client 41/50, id: 83
round 72, starting client 42/50, id: 89
round 72, starting client 43/50, id: 65
round 72, starting client 44/50, id: 7
round 72, starting client 45/50, id: 12
round 72, starting client 46/50, id: 91
round 72, starting client 47/50, id: 9
round 72, starting client 48/50, id: 85
round 72, starting client 49/50, id: 87
round 72, starting client 50/50, id: 84
round 72, validation acc: 0.9778
starting round 73

clients: [26 98 79 97 47 88 9 76 67 83 37 48 99 77 24 69 58 42 39 40 14 13 12
61

50 86 65 32 49 60 57 41 31 90 68 4 78 3 62 56 33 89 29 35 91 7 27 64
25 55]

round 73, starting client 1/50, id: 26
round 73, starting client 2/50, id: 98
round 73, starting client 3/50, id: 79
round 73, starting client 4/50, id: 97
round 73, starting client 5/50, id: 47
round 73, starting client 6/50, id: 88
round 73, starting client 7/50, id: 9
round 73, starting client 8/50, id: 76
round 73, starting client 9/50, id: 67
round 73, starting client 10/50, id: 83
round 73, starting client 11/50, id: 37
round 73, starting client 12/50, id: 48
round 73, starting client 13/50, id: 99
round 73, starting client 14/50, id: 77
round 73, starting client 15/50, id: 24
round 73, starting client 16/50, id: 69
round 73, starting client 17/50, id: 58
round 73, starting client 18/50, id: 42
round 73, starting client 19/50, id: 39
round 73, starting client 20/50, id: 40
round 73, starting client 21/50, id: 14
round 73, starting client 22/50, id: 13
round 73, starting client 23/50, id: 12
round 73, starting client 24/50, id: 61
round 73, starting client 25/50, id: 50
round 73, starting client 26/50, id: 86
round 73, starting client 27/50, id: 65
round 73, starting client 28/50, id: 32
round 73, starting client 29/50, id: 49
round 73, starting client 30/50, id: 60
round 73, starting client 31/50, id: 57
round 73, starting client 32/50, id: 41
round 73, starting client 33/50, id: 31
round 73, starting client 34/50, id: 90
round 73, starting client 35/50, id: 68
round 73, starting client 36/50, id: 4
round 73, starting client 37/50, id: 78
round 73, starting client 38/50, id: 3
round 73, starting client 39/50, id: 62
round 73, starting client 40/50, id: 56
round 73, starting client 41/50, id: 33
round 73, starting client 42/50, id: 89
round 73, starting client 43/50, id: 29
round 73, starting client 44/50, id: 35

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round 73, starting client 45/50, id: 91
round 73, starting client 46/50, id: 7
round 73, starting client 47/50, id: 27
round 73, starting client 48/50, id: 64
round 73, starting client 49/50, id: 25
round 73, starting client 50/50, id: 55
round 73, validation acc: 0.9773
starting round 74
clients: [64 61 38 95 93 53 8 98 23 46 16 15 76 80 12 19 7 32 81 44 85 90 70
4
86 11 47 84 17 29 42 92 31 83 22 49 52 94 97 50 82 59 21 87 41 57 18 10
28 37]
round 74, starting client 1/50, id: 64
round 74, starting client 2/50, id: 61
round 74, starting client 3/50, id: 38
round 74, starting client 4/50, id: 95
round 74, starting client 5/50, id: 93
round 74, starting client 6/50, id: 53
round 74, starting client 7/50, id: 8
round 74, starting client 8/50, id: 98
round 74, starting client 9/50, id: 23
round 74, starting client 10/50, id: 46
round 74, starting client 11/50, id: 16
round 74, starting client 12/50, id: 15
round 74, starting client 13/50, id: 76
round 74, starting client 14/50, id: 80
round 74, starting client 15/50, id: 12
round 74, starting client 16/50, id: 19
round 74, starting client 17/50, id: 7
round 74, starting client 18/50, id: 32
round 74, starting client 19/50, id: 81
round 74, starting client 20/50, id: 44
round 74, starting client 21/50, id: 85
round 74, starting client 22/50, id: 90
round 74, starting client 23/50, id: 70
round 74, starting client 24/50, id: 4
round 74, starting client 25/50, id: 86
round 74, starting client 26/50, id: 11
round 74, starting client 27/50, id: 47
round 74, starting client 28/50, id: 84
round 74, starting client 29/50, id: 17
round 74, starting client 30/50, id: 29
round 74, starting client 31/50, id: 42
round 74, starting client 32/50, id: 92
round 74, starting client 33/50, id: 31
round 74, starting client 34/50, id: 83
round 74, starting client 35/50, id: 22
round 74, starting client 36/50, id: 49

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round 74, starting client 37/50, id: 52
round 74, starting client 38/50, id: 94
round 74, starting client 39/50, id: 97
round 74, starting client 40/50, id: 50
round 74, starting client 41/50, id: 82
round 74, starting client 42/50, id: 59
round 74, starting client 43/50, id: 21
round 74, starting client 44/50, id: 87
round 74, starting client 45/50, id: 41
round 74, starting client 46/50, id: 57
round 74, starting client 47/50, id: 18
round 74, starting client 48/50, id: 10
round 74, starting client 49/50, id: 28
round 74, starting client 50/50, id: 37
round 74, validation acc: 0.9766
starting round 75
clients: [28  4 54 48 39 11  0 19 13 18 51 81 43 60  6 53 29 59  1  3 75 23 47
26
 78 69 72 56 85 96 98 27 32  8 57 74 49 70 41 84 22 50 95 33 21 61 88  2
71 52]
round 75, starting client 1/50, id: 28
round 75, starting client 2/50, id: 4
round 75, starting client 3/50, id: 54
round 75, starting client 4/50, id: 48
round 75, starting client 5/50, id: 39
round 75, starting client 6/50, id: 11
round 75, starting client 7/50, id: 0
round 75, starting client 8/50, id: 19
round 75, starting client 9/50, id: 13
round 75, starting client 10/50, id: 18
round 75, starting client 11/50, id: 51
round 75, starting client 12/50, id: 81
round 75, starting client 13/50, id: 43
round 75, starting client 14/50, id: 60
round 75, starting client 15/50, id: 6
round 75, starting client 16/50, id: 53
round 75, starting client 17/50, id: 29
round 75, starting client 18/50, id: 59
round 75, starting client 19/50, id: 1
round 75, starting client 20/50, id: 3
round 75, starting client 21/50, id: 75
round 75, starting client 22/50, id: 23
round 75, starting client 23/50, id: 47
round 75, starting client 24/50, id: 26
round 75, starting client 25/50, id: 78
round 75, starting client 26/50, id: 69
round 75, starting client 27/50, id: 72
round 75, starting client 28/50, id: 56

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round 75, starting client 29/50, id: 85
round 75, starting client 30/50, id: 96
round 75, starting client 31/50, id: 98
round 75, starting client 32/50, id: 27
round 75, starting client 33/50, id: 32
round 75, starting client 34/50, id: 8
round 75, starting client 35/50, id: 57
round 75, starting client 36/50, id: 74
round 75, starting client 37/50, id: 49
round 75, starting client 38/50, id: 70
round 75, starting client 39/50, id: 41
round 75, starting client 40/50, id: 84
round 75, starting client 41/50, id: 22
round 75, starting client 42/50, id: 50
round 75, starting client 43/50, id: 95
round 75, starting client 44/50, id: 33
round 75, starting client 45/50, id: 21
round 75, starting client 46/50, id: 61
round 75, starting client 47/50, id: 88
round 75, starting client 48/50, id: 2
round 75, starting client 49/50, id: 71
round 75, starting client 50/50, id: 52
round 75, validation acc: 0.9782
starting round 76
clients: [16 33 11 58 87 25 70 94 32 91 18 34 30 54 44 66 26 15 2 96 83 19 80
13
7 49 55 56 27 9 64 10 8 22 60 71 99 12 93 74 53 45 21 50 24 84 36 86
47 79]
round 76, starting client 1/50, id: 16
round 76, starting client 2/50, id: 33
round 76, starting client 3/50, id: 11
round 76, starting client 4/50, id: 58
round 76, starting client 5/50, id: 87
round 76, starting client 6/50, id: 25
round 76, starting client 7/50, id: 70
round 76, starting client 8/50, id: 94
round 76, starting client 9/50, id: 32
round 76, starting client 10/50, id: 91
round 76, starting client 11/50, id: 18
round 76, starting client 12/50, id: 34
round 76, starting client 13/50, id: 30
round 76, starting client 14/50, id: 54
round 76, starting client 15/50, id: 44
round 76, starting client 16/50, id: 66
round 76, starting client 17/50, id: 26
round 76, starting client 18/50, id: 15
round 76, starting client 19/50, id: 2
round 76, starting client 20/50, id: 96

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round 76, starting client 21/50, id: 83
round 76, starting client 22/50, id: 19
round 76, starting client 23/50, id: 80
round 76, starting client 24/50, id: 13
round 76, starting client 25/50, id: 7
round 76, starting client 26/50, id: 49
round 76, starting client 27/50, id: 55
round 76, starting client 28/50, id: 56
round 76, starting client 29/50, id: 27
round 76, starting client 30/50, id: 9
round 76, starting client 31/50, id: 64
round 76, starting client 32/50, id: 10
round 76, starting client 33/50, id: 8
round 76, starting client 34/50, id: 22
round 76, starting client 35/50, id: 60
round 76, starting client 36/50, id: 71
round 76, starting client 37/50, id: 99
round 76, starting client 38/50, id: 12
round 76, starting client 39/50, id: 93
round 76, starting client 40/50, id: 74
round 76, starting client 41/50, id: 53
round 76, starting client 42/50, id: 45
round 76, starting client 43/50, id: 21
round 76, starting client 44/50, id: 50
round 76, starting client 45/50, id: 24
round 76, starting client 46/50, id: 84
round 76, starting client 47/50, id: 36
round 76, starting client 48/50, id: 86
round 76, starting client 49/50, id: 47
round 76, starting client 50/50, id: 79
round 76, validation acc: 0.9779
starting round 77
clients: [78 41 35 32 84 47 43 20 34 49 44 39 96 27 58 73 11 8 42 6 1 81 36
89
22 33 3 28 79 65 60 26 54 87 19 5 37 15 48 97 69 98 77 16 10 46 88 13
66 63]
round 77, starting client 1/50, id: 78
round 77, starting client 2/50, id: 41
round 77, starting client 3/50, id: 35
round 77, starting client 4/50, id: 32
round 77, starting client 5/50, id: 84
round 77, starting client 6/50, id: 47
round 77, starting client 7/50, id: 43
round 77, starting client 8/50, id: 20
round 77, starting client 9/50, id: 34
round 77, starting client 10/50, id: 49
round 77, starting client 11/50, id: 44
round 77, starting client 12/50, id: 39

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round 77, starting client 13/50, id: 96
round 77, starting client 14/50, id: 27
round 77, starting client 15/50, id: 58
round 77, starting client 16/50, id: 73
round 77, starting client 17/50, id: 11
round 77, starting client 18/50, id: 8
round 77, starting client 19/50, id: 42
round 77, starting client 20/50, id: 6
round 77, starting client 21/50, id: 1
round 77, starting client 22/50, id: 81
round 77, starting client 23/50, id: 36
round 77, starting client 24/50, id: 89
round 77, starting client 25/50, id: 22
round 77, starting client 26/50, id: 33
round 77, starting client 27/50, id: 3
round 77, starting client 28/50, id: 28
round 77, starting client 29/50, id: 79
round 77, starting client 30/50, id: 65
round 77, starting client 31/50, id: 60
round 77, starting client 32/50, id: 26
round 77, starting client 33/50, id: 54
round 77, starting client 34/50, id: 87
round 77, starting client 35/50, id: 19
round 77, starting client 36/50, id: 5
round 77, starting client 37/50, id: 37
round 77, starting client 38/50, id: 15
round 77, starting client 39/50, id: 48
round 77, starting client 40/50, id: 97
round 77, starting client 41/50, id: 69
round 77, starting client 42/50, id: 98
round 77, starting client 43/50, id: 77
round 77, starting client 44/50, id: 16
round 77, starting client 45/50, id: 10
round 77, starting client 46/50, id: 46
round 77, starting client 47/50, id: 88
round 77, starting client 48/50, id: 13
round 77, starting client 49/50, id: 66
round 77, starting client 50/50, id: 63
round 77, validation acc: 0.9798
starting round 78
clients: [96 63 35 8 2 65 21 17 91 95 15 99 51 32 70 59 48 34 49 83 53 36 31
84
87 81 26 6 64 41 90 19 25 43 74 29 0 97 46 98 76 37 40 28 55 89 66 58
22 60]
round 78, starting client 1/50, id: 96
round 78, starting client 2/50, id: 63
round 78, starting client 3/50, id: 35
round 78, starting client 4/50, id: 8

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round 78, starting client 5/50, id: 2
round 78, starting client 6/50, id: 65
round 78, starting client 7/50, id: 21
round 78, starting client 8/50, id: 17
round 78, starting client 9/50, id: 91
round 78, starting client 10/50, id: 95
round 78, starting client 11/50, id: 15
round 78, starting client 12/50, id: 99
round 78, starting client 13/50, id: 51
round 78, starting client 14/50, id: 32
round 78, starting client 15/50, id: 70
round 78, starting client 16/50, id: 59
round 78, starting client 17/50, id: 48
round 78, starting client 18/50, id: 34
round 78, starting client 19/50, id: 49
round 78, starting client 20/50, id: 83
round 78, starting client 21/50, id: 53
round 78, starting client 22/50, id: 36
round 78, starting client 23/50, id: 31
round 78, starting client 24/50, id: 84
round 78, starting client 25/50, id: 87
round 78, starting client 26/50, id: 81
round 78, starting client 27/50, id: 26
round 78, starting client 28/50, id: 6
round 78, starting client 29/50, id: 64
round 78, starting client 30/50, id: 41
round 78, starting client 31/50, id: 90
round 78, starting client 32/50, id: 19
round 78, starting client 33/50, id: 25
round 78, starting client 34/50, id: 43
round 78, starting client 35/50, id: 74
round 78, starting client 36/50, id: 29
round 78, starting client 37/50, id: 0
round 78, starting client 38/50, id: 97
round 78, starting client 39/50, id: 46
round 78, starting client 40/50, id: 98
round 78, starting client 41/50, id: 76
round 78, starting client 42/50, id: 37
round 78, starting client 43/50, id: 40
round 78, starting client 44/50, id: 28
round 78, starting client 45/50, id: 55
round 78, starting client 46/50, id: 89
round 78, starting client 47/50, id: 66
round 78, starting client 48/50, id: 58
round 78, starting client 49/50, id: 22
round 78, starting client 50/50, id: 60
round 78, validation acc: 0.9789
starting round 79

clients: [24 48 83 26 32 98 20 31 42 3 82 17 45 38 69 33 74 49 41 5 58 61 29
30

19 16 90 65 77 75 0 71 11 9 39 43 4 7 63 37 60 44 14 56 51 47 94 88
6 1]

round 79, starting client 1/50, id: 24
round 79, starting client 2/50, id: 48
round 79, starting client 3/50, id: 83
round 79, starting client 4/50, id: 26
round 79, starting client 5/50, id: 32
round 79, starting client 6/50, id: 98
round 79, starting client 7/50, id: 20
round 79, starting client 8/50, id: 31
round 79, starting client 9/50, id: 42
round 79, starting client 10/50, id: 3
round 79, starting client 11/50, id: 82
round 79, starting client 12/50, id: 17
round 79, starting client 13/50, id: 45
round 79, starting client 14/50, id: 38
round 79, starting client 15/50, id: 69
round 79, starting client 16/50, id: 33
round 79, starting client 17/50, id: 74
round 79, starting client 18/50, id: 49
round 79, starting client 19/50, id: 41
round 79, starting client 20/50, id: 5
round 79, starting client 21/50, id: 58
round 79, starting client 22/50, id: 61
round 79, starting client 23/50, id: 29
round 79, starting client 24/50, id: 30
round 79, starting client 25/50, id: 19
round 79, starting client 26/50, id: 16
round 79, starting client 27/50, id: 90
round 79, starting client 28/50, id: 65
round 79, starting client 29/50, id: 77
round 79, starting client 30/50, id: 75
round 79, starting client 31/50, id: 0
round 79, starting client 32/50, id: 71
round 79, starting client 33/50, id: 11
round 79, starting client 34/50, id: 9
round 79, starting client 35/50, id: 39
round 79, starting client 36/50, id: 43
round 79, starting client 37/50, id: 4
round 79, starting client 38/50, id: 7
round 79, starting client 39/50, id: 63
round 79, starting client 40/50, id: 37
round 79, starting client 41/50, id: 60
round 79, starting client 42/50, id: 44
round 79, starting client 43/50, id: 14
round 79, starting client 44/50, id: 56

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round 79, starting client 45/50, id: 51
round 79, starting client 46/50, id: 47
round 79, starting client 47/50, id: 94
round 79, starting client 48/50, id: 88
round 79, starting client 49/50, id: 6
round 79, starting client 50/50, id: 1
round 79, validation acc: 0.9805
starting round 80
clients: [58 54 11 7 64 5 75 79 99 3 71 91 55 94 43 52 33 83 92 8 28 23 74
1
4 97 32 90 15 45 60 31 18 35 96 87 10 26 53 56 93 13 78 62 24 0 76 72
6 19]
round 80, starting client 1/50, id: 58
round 80, starting client 2/50, id: 54
round 80, starting client 3/50, id: 11
round 80, starting client 4/50, id: 7
round 80, starting client 5/50, id: 64
round 80, starting client 6/50, id: 5
round 80, starting client 7/50, id: 75
round 80, starting client 8/50, id: 79
round 80, starting client 9/50, id: 99
round 80, starting client 10/50, id: 3
round 80, starting client 11/50, id: 71
round 80, starting client 12/50, id: 91
round 80, starting client 13/50, id: 55
round 80, starting client 14/50, id: 94
round 80, starting client 15/50, id: 43
round 80, starting client 16/50, id: 52
round 80, starting client 17/50, id: 33
round 80, starting client 18/50, id: 83
round 80, starting client 19/50, id: 92
round 80, starting client 20/50, id: 8
round 80, starting client 21/50, id: 28
round 80, starting client 22/50, id: 23
round 80, starting client 23/50, id: 74
round 80, starting client 24/50, id: 1
round 80, starting client 25/50, id: 4
round 80, starting client 26/50, id: 97
round 80, starting client 27/50, id: 32
round 80, starting client 28/50, id: 90
round 80, starting client 29/50, id: 15
round 80, starting client 30/50, id: 45
round 80, starting client 31/50, id: 60
round 80, starting client 32/50, id: 31
round 80, starting client 33/50, id: 18
round 80, starting client 34/50, id: 35
round 80, starting client 35/50, id: 96
round 80, starting client 36/50, id: 87

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round 80, starting client 37/50, id: 10
round 80, starting client 38/50, id: 26
round 80, starting client 39/50, id: 53
round 80, starting client 40/50, id: 56
round 80, starting client 41/50, id: 93
round 80, starting client 42/50, id: 13
round 80, starting client 43/50, id: 78
round 80, starting client 44/50, id: 62
round 80, starting client 45/50, id: 24
round 80, starting client 46/50, id: 0
round 80, starting client 47/50, id: 76
round 80, starting client 48/50, id: 72
round 80, starting client 49/50, id: 6
round 80, starting client 50/50, id: 19
round 80, validation acc: 0.98
starting round 81
clients: [71 44 39 35 45 19 90 56 98 1 60 0 93 40 48 9 96 43 59 18 14 55 16
62
47 79 26 42 52 53 8 70 81 51 65 87 2 38 12 80 50 27 88 73 7 77 85 72
22 4]
round 81, starting client 1/50, id: 71
round 81, starting client 2/50, id: 44
round 81, starting client 3/50, id: 39
round 81, starting client 4/50, id: 35
round 81, starting client 5/50, id: 45
round 81, starting client 6/50, id: 19
round 81, starting client 7/50, id: 90
round 81, starting client 8/50, id: 56
round 81, starting client 9/50, id: 98
round 81, starting client 10/50, id: 1
round 81, starting client 11/50, id: 60
round 81, starting client 12/50, id: 0
round 81, starting client 13/50, id: 93
round 81, starting client 14/50, id: 40
round 81, starting client 15/50, id: 48
round 81, starting client 16/50, id: 9
round 81, starting client 17/50, id: 96
round 81, starting client 18/50, id: 43
round 81, starting client 19/50, id: 59
round 81, starting client 20/50, id: 18
round 81, starting client 21/50, id: 14
round 81, starting client 22/50, id: 55
round 81, starting client 23/50, id: 16
round 81, starting client 24/50, id: 62
round 81, starting client 25/50, id: 47
round 81, starting client 26/50, id: 79
round 81, starting client 27/50, id: 26
round 81, starting client 28/50, id: 42

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round 81, starting client 29/50, id: 52
round 81, starting client 30/50, id: 53
round 81, starting client 31/50, id: 8
round 81, starting client 32/50, id: 70
round 81, starting client 33/50, id: 81
round 81, starting client 34/50, id: 51
round 81, starting client 35/50, id: 65
round 81, starting client 36/50, id: 87
round 81, starting client 37/50, id: 2
round 81, starting client 38/50, id: 38
round 81, starting client 39/50, id: 12
round 81, starting client 40/50, id: 80
round 81, starting client 41/50, id: 50
round 81, starting client 42/50, id: 27
round 81, starting client 43/50, id: 88
round 81, starting client 44/50, id: 73
round 81, starting client 45/50, id: 7
round 81, starting client 46/50, id: 77
round 81, starting client 47/50, id: 85
round 81, starting client 48/50, id: 72
round 81, starting client 49/50, id: 22
round 81, starting client 50/50, id: 4
round 81, validation acc: 0.9786
starting round 82
clients: [58 76 40 46 95 24 85 20 52 49 69 47 5 80 48 62 16 33 38 30 15 57 2
59
65 4 55 88 71 13 22 74 32 1 97 96 53 19 23 17 10 84 42 51 91 86 82 0
56 54]
round 82, starting client 1/50, id: 58
round 82, starting client 2/50, id: 76
round 82, starting client 3/50, id: 40
round 82, starting client 4/50, id: 46
round 82, starting client 5/50, id: 95
round 82, starting client 6/50, id: 24
round 82, starting client 7/50, id: 85
round 82, starting client 8/50, id: 20
round 82, starting client 9/50, id: 52
round 82, starting client 10/50, id: 49
round 82, starting client 11/50, id: 69
round 82, starting client 12/50, id: 47
round 82, starting client 13/50, id: 5
round 82, starting client 14/50, id: 80
round 82, starting client 15/50, id: 48
round 82, starting client 16/50, id: 62
round 82, starting client 17/50, id: 16
round 82, starting client 18/50, id: 33
round 82, starting client 19/50, id: 38
round 82, starting client 20/50, id: 30

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round 82, starting client 21/50, id: 15
round 82, starting client 22/50, id: 57
round 82, starting client 23/50, id: 2
round 82, starting client 24/50, id: 59
round 82, starting client 25/50, id: 65
round 82, starting client 26/50, id: 4
round 82, starting client 27/50, id: 55
round 82, starting client 28/50, id: 88
round 82, starting client 29/50, id: 71
round 82, starting client 30/50, id: 13
round 82, starting client 31/50, id: 22
round 82, starting client 32/50, id: 74
round 82, starting client 33/50, id: 32
round 82, starting client 34/50, id: 1
round 82, starting client 35/50, id: 97
round 82, starting client 36/50, id: 96
round 82, starting client 37/50, id: 53
round 82, starting client 38/50, id: 19
round 82, starting client 39/50, id: 23
round 82, starting client 40/50, id: 17
round 82, starting client 41/50, id: 10
round 82, starting client 42/50, id: 84
round 82, starting client 43/50, id: 42
round 82, starting client 44/50, id: 51
round 82, starting client 45/50, id: 91
round 82, starting client 46/50, id: 86
round 82, starting client 47/50, id: 82
round 82, starting client 48/50, id: 0
round 82, starting client 49/50, id: 56
round 82, starting client 50/50, id: 54
round 82, validation acc: 0.9804
starting round 83
clients: [23 78 38 59 98 9 10 81 53 74 50 36 72 24 76 33 73 41 0 44 95 87 15
13
58 40 35 17 94 46 27 80 39 75 69 61 97 26 48 68 4 92 79 89 25 21 86 62
49 2]
round 83, starting client 1/50, id: 23
round 83, starting client 2/50, id: 78
round 83, starting client 3/50, id: 38
round 83, starting client 4/50, id: 59
round 83, starting client 5/50, id: 98
round 83, starting client 6/50, id: 9
round 83, starting client 7/50, id: 10
round 83, starting client 8/50, id: 81
round 83, starting client 9/50, id: 53
round 83, starting client 10/50, id: 74
round 83, starting client 11/50, id: 50
round 83, starting client 12/50, id: 36

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round 83, starting client 13/50, id: 72
round 83, starting client 14/50, id: 24
round 83, starting client 15/50, id: 76
round 83, starting client 16/50, id: 33
round 83, starting client 17/50, id: 73
round 83, starting client 18/50, id: 41
round 83, starting client 19/50, id: 0
round 83, starting client 20/50, id: 44
round 83, starting client 21/50, id: 95
round 83, starting client 22/50, id: 87
round 83, starting client 23/50, id: 15
round 83, starting client 24/50, id: 13
round 83, starting client 25/50, id: 58
round 83, starting client 26/50, id: 40
round 83, starting client 27/50, id: 35
round 83, starting client 28/50, id: 17
round 83, starting client 29/50, id: 94
round 83, starting client 30/50, id: 46
round 83, starting client 31/50, id: 27
round 83, starting client 32/50, id: 80
round 83, starting client 33/50, id: 39
round 83, starting client 34/50, id: 75
round 83, starting client 35/50, id: 69
round 83, starting client 36/50, id: 61
round 83, starting client 37/50, id: 97
round 83, starting client 38/50, id: 26
round 83, starting client 39/50, id: 48
round 83, starting client 40/50, id: 68
round 83, starting client 41/50, id: 4
round 83, starting client 42/50, id: 92
round 83, starting client 43/50, id: 79
round 83, starting client 44/50, id: 89
round 83, starting client 45/50, id: 25
round 83, starting client 46/50, id: 21
round 83, starting client 47/50, id: 86
round 83, starting client 48/50, id: 62
round 83, starting client 49/50, id: 49
round 83, starting client 50/50, id: 2
round 83, validation acc: 0.9801
starting round 84
clients: [16 70 76 82 67 23 98 8 10 26 38 51 43 88 41 87 48 36 95 62 75 54 91
1
45 68 30 37 63 78 47 2 96 29 92 0 71 3 33 25 60 49 66 83 13 97 11 32
74 64]
round 84, starting client 1/50, id: 16
round 84, starting client 2/50, id: 70
round 84, starting client 3/50, id: 76
round 84, starting client 4/50, id: 82

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round 84, starting client 5/50, id: 67
round 84, starting client 6/50, id: 23
round 84, starting client 7/50, id: 98
round 84, starting client 8/50, id: 8
round 84, starting client 9/50, id: 10
round 84, starting client 10/50, id: 26
round 84, starting client 11/50, id: 38
round 84, starting client 12/50, id: 51
round 84, starting client 13/50, id: 43
round 84, starting client 14/50, id: 88
round 84, starting client 15/50, id: 41
round 84, starting client 16/50, id: 87
round 84, starting client 17/50, id: 48
round 84, starting client 18/50, id: 36
round 84, starting client 19/50, id: 95
round 84, starting client 20/50, id: 62
round 84, starting client 21/50, id: 75
round 84, starting client 22/50, id: 54
round 84, starting client 23/50, id: 91
round 84, starting client 24/50, id: 1
round 84, starting client 25/50, id: 45
round 84, starting client 26/50, id: 68
round 84, starting client 27/50, id: 30
round 84, starting client 28/50, id: 37
round 84, starting client 29/50, id: 63
round 84, starting client 30/50, id: 78
round 84, starting client 31/50, id: 47
round 84, starting client 32/50, id: 2
round 84, starting client 33/50, id: 96
round 84, starting client 34/50, id: 29
round 84, starting client 35/50, id: 92
round 84, starting client 36/50, id: 0
round 84, starting client 37/50, id: 71
round 84, starting client 38/50, id: 3
round 84, starting client 39/50, id: 33
round 84, starting client 40/50, id: 25
round 84, starting client 41/50, id: 60
round 84, starting client 42/50, id: 49
round 84, starting client 43/50, id: 66
round 84, starting client 44/50, id: 83
round 84, starting client 45/50, id: 13
round 84, starting client 46/50, id: 97
round 84, starting client 47/50, id: 11
round 84, starting client 48/50, id: 32
round 84, starting client 49/50, id: 74
round 84, starting client 50/50, id: 64
round 84, validation acc: 0.9805
starting round 85

clients: [90 43 23 41 12 51 79 30 70 27 47 91 28 0 86 9 60 20 1 93 39 6 62
63

11 32 71 14 69 37 8 2 92 22 73 74 31 66 3 61 10 4 36 89 83 16 77 82
72 25]

round 85, starting client 1/50, id: 90
round 85, starting client 2/50, id: 43
round 85, starting client 3/50, id: 23
round 85, starting client 4/50, id: 41
round 85, starting client 5/50, id: 12
round 85, starting client 6/50, id: 51
round 85, starting client 7/50, id: 79
round 85, starting client 8/50, id: 30
round 85, starting client 9/50, id: 70
round 85, starting client 10/50, id: 27
round 85, starting client 11/50, id: 47
round 85, starting client 12/50, id: 91
round 85, starting client 13/50, id: 28
round 85, starting client 14/50, id: 0
round 85, starting client 15/50, id: 86
round 85, starting client 16/50, id: 9
round 85, starting client 17/50, id: 60
round 85, starting client 18/50, id: 20
round 85, starting client 19/50, id: 1
round 85, starting client 20/50, id: 93
round 85, starting client 21/50, id: 39
round 85, starting client 22/50, id: 6
round 85, starting client 23/50, id: 62
round 85, starting client 24/50, id: 63
round 85, starting client 25/50, id: 11
round 85, starting client 26/50, id: 32
round 85, starting client 27/50, id: 71
round 85, starting client 28/50, id: 14
round 85, starting client 29/50, id: 69
round 85, starting client 30/50, id: 37
round 85, starting client 31/50, id: 8
round 85, starting client 32/50, id: 2
round 85, starting client 33/50, id: 92
round 85, starting client 34/50, id: 22
round 85, starting client 35/50, id: 73
round 85, starting client 36/50, id: 74
round 85, starting client 37/50, id: 31
round 85, starting client 38/50, id: 66
round 85, starting client 39/50, id: 3
round 85, starting client 40/50, id: 61
round 85, starting client 41/50, id: 10
round 85, starting client 42/50, id: 4
round 85, starting client 43/50, id: 36
round 85, starting client 44/50, id: 89

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round 85, starting client 45/50, id: 83
round 85, starting client 46/50, id: 16
round 85, starting client 47/50, id: 77
round 85, starting client 48/50, id: 82
round 85, starting client 49/50, id: 72
round 85, starting client 50/50, id: 25
round 85, validation acc: 0.9805
starting round 86
clients: [87 30 71 43 64 72 66 18 27 26 24 52 88 77 61 25 47 12 69 73 11 21 23
85
46 40 7 58 42 60 90 53 39 38 28 32 89 9 35 16 86 50 67 29 17 79 34 68
98 15]
round 86, starting client 1/50, id: 87
round 86, starting client 2/50, id: 30
round 86, starting client 3/50, id: 71
round 86, starting client 4/50, id: 43
round 86, starting client 5/50, id: 64
round 86, starting client 6/50, id: 72
round 86, starting client 7/50, id: 66
round 86, starting client 8/50, id: 18
round 86, starting client 9/50, id: 27
round 86, starting client 10/50, id: 26
round 86, starting client 11/50, id: 24
round 86, starting client 12/50, id: 52
round 86, starting client 13/50, id: 88
round 86, starting client 14/50, id: 77
round 86, starting client 15/50, id: 61
round 86, starting client 16/50, id: 25
round 86, starting client 17/50, id: 47
round 86, starting client 18/50, id: 12
round 86, starting client 19/50, id: 69
round 86, starting client 20/50, id: 73
round 86, starting client 21/50, id: 11
round 86, starting client 22/50, id: 21
round 86, starting client 23/50, id: 23
round 86, starting client 24/50, id: 85
round 86, starting client 25/50, id: 46
round 86, starting client 26/50, id: 40
round 86, starting client 27/50, id: 7
round 86, starting client 28/50, id: 58
round 86, starting client 29/50, id: 42
round 86, starting client 30/50, id: 60
round 86, starting client 31/50, id: 90
round 86, starting client 32/50, id: 53
round 86, starting client 33/50, id: 39
round 86, starting client 34/50, id: 38
round 86, starting client 35/50, id: 28
round 86, starting client 36/50, id: 32

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round 86, starting client 37/50, id: 89
round 86, starting client 38/50, id: 9
round 86, starting client 39/50, id: 35
round 86, starting client 40/50, id: 16
round 86, starting client 41/50, id: 86
round 86, starting client 42/50, id: 50
round 86, starting client 43/50, id: 67
round 86, starting client 44/50, id: 29
round 86, starting client 45/50, id: 17
round 86, starting client 46/50, id: 79
round 86, starting client 47/50, id: 34
round 86, starting client 48/50, id: 68
round 86, starting client 49/50, id: 98
round 86, starting client 50/50, id: 15
round 86, validation acc: 0.9807
starting round 87
clients: [88 71 19 78 90 34 9 45 16 89 56 53 87 98 79 39 65 46 85 15 97 72 42
1
29 35 66 11 8 92 68 30 25 27 26 22 23 60 43 57 96 52 86 91 77 80 32 74
2 17]
round 87, starting client 1/50, id: 88
round 87, starting client 2/50, id: 71
round 87, starting client 3/50, id: 19
round 87, starting client 4/50, id: 78
round 87, starting client 5/50, id: 90
round 87, starting client 6/50, id: 34
round 87, starting client 7/50, id: 9
round 87, starting client 8/50, id: 45
round 87, starting client 9/50, id: 16
round 87, starting client 10/50, id: 89
round 87, starting client 11/50, id: 56
round 87, starting client 12/50, id: 53
round 87, starting client 13/50, id: 87
round 87, starting client 14/50, id: 98
round 87, starting client 15/50, id: 79
round 87, starting client 16/50, id: 39
round 87, starting client 17/50, id: 65
round 87, starting client 18/50, id: 46
round 87, starting client 19/50, id: 85
round 87, starting client 20/50, id: 15
round 87, starting client 21/50, id: 97
round 87, starting client 22/50, id: 72
round 87, starting client 23/50, id: 42
round 87, starting client 24/50, id: 1
round 87, starting client 25/50, id: 29
round 87, starting client 26/50, id: 35
round 87, starting client 27/50, id: 66
round 87, starting client 28/50, id: 11

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round 87, starting client 29/50, id: 8
round 87, starting client 30/50, id: 92
round 87, starting client 31/50, id: 68
round 87, starting client 32/50, id: 30
round 87, starting client 33/50, id: 25
round 87, starting client 34/50, id: 27
round 87, starting client 35/50, id: 26
round 87, starting client 36/50, id: 22
round 87, starting client 37/50, id: 23
round 87, starting client 38/50, id: 60
round 87, starting client 39/50, id: 43
round 87, starting client 40/50, id: 57
round 87, starting client 41/50, id: 96
round 87, starting client 42/50, id: 52
round 87, starting client 43/50, id: 86
round 87, starting client 44/50, id: 91
round 87, starting client 45/50, id: 77
round 87, starting client 46/50, id: 80
round 87, starting client 47/50, id: 32
round 87, starting client 48/50, id: 74
round 87, starting client 49/50, id: 2
round 87, starting client 50/50, id: 17
round 87, validation acc: 0.9812
starting round 88
clients: [61 86 65 29 53 47 15 12 60 83 43 40 89 80 17 84 20  4 25 67 34 74 50
77
 27 14 58 72 90 99 55 85  9  0 62 39 82 49 76  8 79 35 98 38 31 63 56 30
70 2]
round 88, starting client 1/50, id: 61
round 88, starting client 2/50, id: 86
round 88, starting client 3/50, id: 65
round 88, starting client 4/50, id: 29
round 88, starting client 5/50, id: 53
round 88, starting client 6/50, id: 47
round 88, starting client 7/50, id: 15
round 88, starting client 8/50, id: 12
round 88, starting client 9/50, id: 60
round 88, starting client 10/50, id: 83
round 88, starting client 11/50, id: 43
round 88, starting client 12/50, id: 40
round 88, starting client 13/50, id: 89
round 88, starting client 14/50, id: 80
round 88, starting client 15/50, id: 17
round 88, starting client 16/50, id: 84
round 88, starting client 17/50, id: 20
round 88, starting client 18/50, id: 4
round 88, starting client 19/50, id: 25
round 88, starting client 20/50, id: 67

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round 88, starting client 21/50, id: 34
round 88, starting client 22/50, id: 74
round 88, starting client 23/50, id: 50
round 88, starting client 24/50, id: 77
round 88, starting client 25/50, id: 27
round 88, starting client 26/50, id: 14
round 88, starting client 27/50, id: 58
round 88, starting client 28/50, id: 72
round 88, starting client 29/50, id: 90
round 88, starting client 30/50, id: 99
round 88, starting client 31/50, id: 55
round 88, starting client 32/50, id: 85
round 88, starting client 33/50, id: 9
round 88, starting client 34/50, id: 0
round 88, starting client 35/50, id: 62
round 88, starting client 36/50, id: 39
round 88, starting client 37/50, id: 82
round 88, starting client 38/50, id: 49
round 88, starting client 39/50, id: 76
round 88, starting client 40/50, id: 8
round 88, starting client 41/50, id: 79
round 88, starting client 42/50, id: 35
round 88, starting client 43/50, id: 98
round 88, starting client 44/50, id: 38
round 88, starting client 45/50, id: 31
round 88, starting client 46/50, id: 63
round 88, starting client 47/50, id: 56
round 88, starting client 48/50, id: 30
round 88, starting client 49/50, id: 70
round 88, starting client 50/50, id: 2
round 88, validation acc: 0.9806
starting round 89
clients: [64 13 22 41 54 6 53 0 34 40 16 4 57 18 29 43 14 78 95 97 52 26 75
39
1 93 83 23 69 5 84 94 72 25 79 10 91 17 81 99 71 28 12 21 3 67 15 86
76 19]
round 89, starting client 1/50, id: 64
round 89, starting client 2/50, id: 13
round 89, starting client 3/50, id: 22
round 89, starting client 4/50, id: 41
round 89, starting client 5/50, id: 54
round 89, starting client 6/50, id: 6
round 89, starting client 7/50, id: 53
round 89, starting client 8/50, id: 0
round 89, starting client 9/50, id: 34
round 89, starting client 10/50, id: 40
round 89, starting client 11/50, id: 16
round 89, starting client 12/50, id: 4

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round 89, starting client 13/50, id: 57
round 89, starting client 14/50, id: 18
round 89, starting client 15/50, id: 29
round 89, starting client 16/50, id: 43
round 89, starting client 17/50, id: 14
round 89, starting client 18/50, id: 78
round 89, starting client 19/50, id: 95
round 89, starting client 20/50, id: 97
round 89, starting client 21/50, id: 52
round 89, starting client 22/50, id: 26
round 89, starting client 23/50, id: 75
round 89, starting client 24/50, id: 39
round 89, starting client 25/50, id: 1
round 89, starting client 26/50, id: 93
round 89, starting client 27/50, id: 83
round 89, starting client 28/50, id: 23
round 89, starting client 29/50, id: 69
round 89, starting client 30/50, id: 5
round 89, starting client 31/50, id: 84
round 89, starting client 32/50, id: 94
round 89, starting client 33/50, id: 72
round 89, starting client 34/50, id: 25
round 89, starting client 35/50, id: 79
round 89, starting client 36/50, id: 10
round 89, starting client 37/50, id: 91
round 89, starting client 38/50, id: 17
round 89, starting client 39/50, id: 81
round 89, starting client 40/50, id: 99
round 89, starting client 41/50, id: 71
round 89, starting client 42/50, id: 28
round 89, starting client 43/50, id: 12
round 89, starting client 44/50, id: 21
round 89, starting client 45/50, id: 3
round 89, starting client 46/50, id: 67
round 89, starting client 47/50, id: 15
round 89, starting client 48/50, id: 86
round 89, starting client 49/50, id: 76
round 89, starting client 50/50, id: 19
round 89, validation acc: 0.9808
starting round 90
clients: [ 4 78 43 58 46 77 14 50 44 40 86 5 48 23 61 18 85 63 52 82 13 9 35
84
41 96 75 60 70 67 17 45 54 97 51 80 71 32 83 72 87 55 0 68 99 2 19 76
30 94]
round 90, starting client 1/50, id: 4
round 90, starting client 2/50, id: 78
round 90, starting client 3/50, id: 43
round 90, starting client 4/50, id: 58

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round 90, starting client 5/50, id: 46
round 90, starting client 6/50, id: 77
round 90, starting client 7/50, id: 14
round 90, starting client 8/50, id: 50
round 90, starting client 9/50, id: 44
round 90, starting client 10/50, id: 40
round 90, starting client 11/50, id: 86
round 90, starting client 12/50, id: 5
round 90, starting client 13/50, id: 48
round 90, starting client 14/50, id: 23
round 90, starting client 15/50, id: 61
round 90, starting client 16/50, id: 18
round 90, starting client 17/50, id: 85
round 90, starting client 18/50, id: 63
round 90, starting client 19/50, id: 52
round 90, starting client 20/50, id: 82
round 90, starting client 21/50, id: 13
round 90, starting client 22/50, id: 9
round 90, starting client 23/50, id: 35
round 90, starting client 24/50, id: 84
round 90, starting client 25/50, id: 41
round 90, starting client 26/50, id: 96
round 90, starting client 27/50, id: 75
round 90, starting client 28/50, id: 60
round 90, starting client 29/50, id: 70
round 90, starting client 30/50, id: 67
round 90, starting client 31/50, id: 17
round 90, starting client 32/50, id: 45
round 90, starting client 33/50, id: 54
round 90, starting client 34/50, id: 97
round 90, starting client 35/50, id: 51
round 90, starting client 36/50, id: 80
round 90, starting client 37/50, id: 71
round 90, starting client 38/50, id: 32
round 90, starting client 39/50, id: 83
round 90, starting client 40/50, id: 72
round 90, starting client 41/50, id: 87
round 90, starting client 42/50, id: 55
round 90, starting client 43/50, id: 0
round 90, starting client 44/50, id: 68
round 90, starting client 45/50, id: 99
round 90, starting client 46/50, id: 2
round 90, starting client 47/50, id: 19
round 90, starting client 48/50, id: 76
round 90, starting client 49/50, id: 30
round 90, starting client 50/50, id: 94
round 90, validation acc: 0.9799
starting round 91

```
clients: [ 2 95 93 58 51 57 52 91 78 50 97 47 33 77 3 23 12 7 45 41 28 81 4
86
76 48 36 72 8 26 19 25 85 61 16 39 34 13 82 30 31 38 62 53 42 9 11 98
70 87]
```

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round 91, starting client 1/50, id: 2
round 91, starting client 2/50, id: 95
round 91, starting client 3/50, id: 93
round 91, starting client 4/50, id: 58
round 91, starting client 5/50, id: 51
round 91, starting client 6/50, id: 57
round 91, starting client 7/50, id: 52
round 91, starting client 8/50, id: 91
round 91, starting client 9/50, id: 78
round 91, starting client 10/50, id: 50
round 91, starting client 11/50, id: 97
round 91, starting client 12/50, id: 47
round 91, starting client 13/50, id: 33
round 91, starting client 14/50, id: 77
round 91, starting client 15/50, id: 3
round 91, starting client 16/50, id: 23
round 91, starting client 17/50, id: 12
round 91, starting client 18/50, id: 7
round 91, starting client 19/50, id: 45
round 91, starting client 20/50, id: 41
round 91, starting client 21/50, id: 28
round 91, starting client 22/50, id: 81
round 91, starting client 23/50, id: 4
round 91, starting client 24/50, id: 86
round 91, starting client 25/50, id: 76
round 91, starting client 26/50, id: 48
round 91, starting client 27/50, id: 36
round 91, starting client 28/50, id: 72
round 91, starting client 29/50, id: 8
round 91, starting client 30/50, id: 26
round 91, starting client 31/50, id: 19
round 91, starting client 32/50, id: 25
round 91, starting client 33/50, id: 85
round 91, starting client 34/50, id: 61
round 91, starting client 35/50, id: 16
round 91, starting client 36/50, id: 39
round 91, starting client 37/50, id: 34
round 91, starting client 38/50, id: 13
round 91, starting client 39/50, id: 82
round 91, starting client 40/50, id: 30
round 91, starting client 41/50, id: 31
round 91, starting client 42/50, id: 38
round 91, starting client 43/50, id: 62
round 91, starting client 44/50, id: 53
```

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round 91, starting client 45/50, id: 42
round 91, starting client 46/50, id: 9
round 91, starting client 47/50, id: 11
round 91, starting client 48/50, id: 98
round 91, starting client 49/50, id: 70
round 91, starting client 50/50, id: 87
round 91, validation acc: 0.9818
starting round 92
clients: [ 4 30 0 32 52 13 67 91 14 72 61 38 66 65 88 1 83 48 69 51 20 85 98
71
55 76 31 79 11 33 59 22 63 7 64 40 10 42 78 6 54 96 21 82 17 39 99 86
70 44]
round 92, starting client 1/50, id: 4
round 92, starting client 2/50, id: 30
round 92, starting client 3/50, id: 0
round 92, starting client 4/50, id: 32
round 92, starting client 5/50, id: 52
round 92, starting client 6/50, id: 13
round 92, starting client 7/50, id: 67
round 92, starting client 8/50, id: 91
round 92, starting client 9/50, id: 14
round 92, starting client 10/50, id: 72
round 92, starting client 11/50, id: 61
round 92, starting client 12/50, id: 38
round 92, starting client 13/50, id: 66
round 92, starting client 14/50, id: 65
round 92, starting client 15/50, id: 88
round 92, starting client 16/50, id: 1
round 92, starting client 17/50, id: 83
round 92, starting client 18/50, id: 48
round 92, starting client 19/50, id: 69
round 92, starting client 20/50, id: 51
round 92, starting client 21/50, id: 20
round 92, starting client 22/50, id: 85
round 92, starting client 23/50, id: 98
round 92, starting client 24/50, id: 71
round 92, starting client 25/50, id: 55
round 92, starting client 26/50, id: 76
round 92, starting client 27/50, id: 31
round 92, starting client 28/50, id: 79
round 92, starting client 29/50, id: 11
round 92, starting client 30/50, id: 33
round 92, starting client 31/50, id: 59
round 92, starting client 32/50, id: 22
round 92, starting client 33/50, id: 63
round 92, starting client 34/50, id: 7
round 92, starting client 35/50, id: 64
round 92, starting client 36/50, id: 40

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round 92, starting client 37/50, id: 10
round 92, starting client 38/50, id: 42
round 92, starting client 39/50, id: 78
round 92, starting client 40/50, id: 6
round 92, starting client 41/50, id: 54
round 92, starting client 42/50, id: 96
round 92, starting client 43/50, id: 21
round 92, starting client 44/50, id: 82
round 92, starting client 45/50, id: 17
round 92, starting client 46/50, id: 39
round 92, starting client 47/50, id: 99
round 92, starting client 48/50, id: 86
round 92, starting client 49/50, id: 70
round 92, starting client 50/50, id: 44
round 92, validation acc: 0.9813
starting round 93
clients: [10 44 42 72 28 54 67 39 95 9 61 94 30 53 66 87 69 49 1 88 34 86 15
17
27 75 70 76 60 21 85 89 64 8 24 50 36 65 91 97 55 73 31 79 26 47 77 14
92 29]
round 93, starting client 1/50, id: 10
round 93, starting client 2/50, id: 44
round 93, starting client 3/50, id: 42
round 93, starting client 4/50, id: 72
round 93, starting client 5/50, id: 28
round 93, starting client 6/50, id: 54
round 93, starting client 7/50, id: 67
round 93, starting client 8/50, id: 39
round 93, starting client 9/50, id: 95
round 93, starting client 10/50, id: 9
round 93, starting client 11/50, id: 61
round 93, starting client 12/50, id: 94
round 93, starting client 13/50, id: 30
round 93, starting client 14/50, id: 53
round 93, starting client 15/50, id: 66
round 93, starting client 16/50, id: 87
round 93, starting client 17/50, id: 69
round 93, starting client 18/50, id: 49
round 93, starting client 19/50, id: 1
round 93, starting client 20/50, id: 88
round 93, starting client 21/50, id: 34
round 93, starting client 22/50, id: 86
round 93, starting client 23/50, id: 15
round 93, starting client 24/50, id: 17
round 93, starting client 25/50, id: 27
round 93, starting client 26/50, id: 75
round 93, starting client 27/50, id: 70
round 93, starting client 28/50, id: 76

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round 93, starting client 29/50, id: 60
round 93, starting client 30/50, id: 21
round 93, starting client 31/50, id: 85
round 93, starting client 32/50, id: 89
round 93, starting client 33/50, id: 64
round 93, starting client 34/50, id: 8
round 93, starting client 35/50, id: 24
round 93, starting client 36/50, id: 50
round 93, starting client 37/50, id: 36
round 93, starting client 38/50, id: 65
round 93, starting client 39/50, id: 91
round 93, starting client 40/50, id: 97
round 93, starting client 41/50, id: 55
round 93, starting client 42/50, id: 73
round 93, starting client 43/50, id: 31
round 93, starting client 44/50, id: 79
round 93, starting client 45/50, id: 26
round 93, starting client 46/50, id: 47
round 93, starting client 47/50, id: 77
round 93, starting client 48/50, id: 14
round 93, starting client 49/50, id: 92
round 93, starting client 50/50, id: 29
round 93, validation acc: 0.9804
starting round 94
clients: [72 10 5 36 90 24 20 18 42 99 11 64 45 61 77 27 93 16 55 92 60 70 33
67
3 44 50 29 68 96 89 76 38 81 26 41 59 53 91 84 75 23 1 6 7 34 54 40
82 28]
round 94, starting client 1/50, id: 72
round 94, starting client 2/50, id: 10
round 94, starting client 3/50, id: 5
round 94, starting client 4/50, id: 36
round 94, starting client 5/50, id: 90
round 94, starting client 6/50, id: 24
round 94, starting client 7/50, id: 20
round 94, starting client 8/50, id: 18
round 94, starting client 9/50, id: 42
round 94, starting client 10/50, id: 99
round 94, starting client 11/50, id: 11
round 94, starting client 12/50, id: 64
round 94, starting client 13/50, id: 45
round 94, starting client 14/50, id: 61
round 94, starting client 15/50, id: 77
round 94, starting client 16/50, id: 27
round 94, starting client 17/50, id: 93
round 94, starting client 18/50, id: 16
round 94, starting client 19/50, id: 55
round 94, starting client 20/50, id: 92

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round 94, starting client 21/50, id: 60
round 94, starting client 22/50, id: 70
round 94, starting client 23/50, id: 33
round 94, starting client 24/50, id: 67
round 94, starting client 25/50, id: 3
round 94, starting client 26/50, id: 44
round 94, starting client 27/50, id: 50
round 94, starting client 28/50, id: 29
round 94, starting client 29/50, id: 68
round 94, starting client 30/50, id: 96
round 94, starting client 31/50, id: 89
round 94, starting client 32/50, id: 76
round 94, starting client 33/50, id: 38
round 94, starting client 34/50, id: 81
round 94, starting client 35/50, id: 26
round 94, starting client 36/50, id: 41
round 94, starting client 37/50, id: 59
round 94, starting client 38/50, id: 53
round 94, starting client 39/50, id: 91
round 94, starting client 40/50, id: 84
round 94, starting client 41/50, id: 75
round 94, starting client 42/50, id: 23
round 94, starting client 43/50, id: 1
round 94, starting client 44/50, id: 6
round 94, starting client 45/50, id: 7
round 94, starting client 46/50, id: 34
round 94, starting client 47/50, id: 54
round 94, starting client 48/50, id: 40
round 94, starting client 49/50, id: 82
round 94, starting client 50/50, id: 28
round 94, validation acc: 0.9804
starting round 95
clients: [52 23 65 67 11 13 81 15 29 16 31 20 69 96 26 50 39 78 17 12 53 46 14
60
24 48 66 62 35 79 71 88 43 83 49 45 55 61 98 93 25 34 9 59 92 40 68 37
32 3]
round 95, starting client 1/50, id: 52
round 95, starting client 2/50, id: 23
round 95, starting client 3/50, id: 65
round 95, starting client 4/50, id: 67
round 95, starting client 5/50, id: 11
round 95, starting client 6/50, id: 13
round 95, starting client 7/50, id: 81
round 95, starting client 8/50, id: 15
round 95, starting client 9/50, id: 29
round 95, starting client 10/50, id: 16
round 95, starting client 11/50, id: 31
round 95, starting client 12/50, id: 20

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round 95, starting client 13/50, id: 69
round 95, starting client 14/50, id: 96
round 95, starting client 15/50, id: 26
round 95, starting client 16/50, id: 50
round 95, starting client 17/50, id: 39
round 95, starting client 18/50, id: 78
round 95, starting client 19/50, id: 17
round 95, starting client 20/50, id: 12
round 95, starting client 21/50, id: 53
round 95, starting client 22/50, id: 46
round 95, starting client 23/50, id: 14
round 95, starting client 24/50, id: 60
round 95, starting client 25/50, id: 24
round 95, starting client 26/50, id: 48
round 95, starting client 27/50, id: 66
round 95, starting client 28/50, id: 62
round 95, starting client 29/50, id: 35
round 95, starting client 30/50, id: 79
round 95, starting client 31/50, id: 71
round 95, starting client 32/50, id: 88
round 95, starting client 33/50, id: 43
round 95, starting client 34/50, id: 83
round 95, starting client 35/50, id: 49
round 95, starting client 36/50, id: 45
round 95, starting client 37/50, id: 55
round 95, starting client 38/50, id: 61
round 95, starting client 39/50, id: 98
round 95, starting client 40/50, id: 93
round 95, starting client 41/50, id: 25
round 95, starting client 42/50, id: 34
round 95, starting client 43/50, id: 9
round 95, starting client 44/50, id: 59
round 95, starting client 45/50, id: 92
round 95, starting client 46/50, id: 40
round 95, starting client 47/50, id: 68
round 95, starting client 48/50, id: 37
round 95, starting client 49/50, id: 32
round 95, starting client 50/50, id: 3
round 95, validation acc: 0.982
starting round 96
clients: [72 55 94 60 88 57 34 77 22 14 46 51 71 56 28 38 83 80 76 20 43 4 33
62
10 25 98 26 36 67 11 74 48 32 44 70 21 97 91 89 86 73 42 87 68 50 24 40
54 69]
round 96, starting client 1/50, id: 72
round 96, starting client 2/50, id: 55
round 96, starting client 3/50, id: 94
round 96, starting client 4/50, id: 60

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round 96, starting client 5/50, id: 88
round 96, starting client 6/50, id: 57
round 96, starting client 7/50, id: 34
round 96, starting client 8/50, id: 77
round 96, starting client 9/50, id: 22
round 96, starting client 10/50, id: 14
round 96, starting client 11/50, id: 46
round 96, starting client 12/50, id: 51
round 96, starting client 13/50, id: 71
round 96, starting client 14/50, id: 56
round 96, starting client 15/50, id: 28
round 96, starting client 16/50, id: 38
round 96, starting client 17/50, id: 83
round 96, starting client 18/50, id: 80
round 96, starting client 19/50, id: 76
round 96, starting client 20/50, id: 20
round 96, starting client 21/50, id: 43
round 96, starting client 22/50, id: 4
round 96, starting client 23/50, id: 33
round 96, starting client 24/50, id: 62
round 96, starting client 25/50, id: 10
round 96, starting client 26/50, id: 25
round 96, starting client 27/50, id: 98
round 96, starting client 28/50, id: 26
round 96, starting client 29/50, id: 36
round 96, starting client 30/50, id: 67
round 96, starting client 31/50, id: 11
round 96, starting client 32/50, id: 74
round 96, starting client 33/50, id: 48
round 96, starting client 34/50, id: 32
round 96, starting client 35/50, id: 44
round 96, starting client 36/50, id: 70
round 96, starting client 37/50, id: 21
round 96, starting client 38/50, id: 97
round 96, starting client 39/50, id: 91
round 96, starting client 40/50, id: 89
round 96, starting client 41/50, id: 86
round 96, starting client 42/50, id: 73
round 96, starting client 43/50, id: 42
round 96, starting client 44/50, id: 87
round 96, starting client 45/50, id: 68
round 96, starting client 46/50, id: 50
round 96, starting client 47/50, id: 24
round 96, starting client 48/50, id: 40
round 96, starting client 49/50, id: 54
round 96, starting client 50/50, id: 69
round 96, validation acc: 0.9814
starting round 97

clients: [24 31 61 25 40 86 88 4 57 90 75 72 87 1 60 43 27 82 68 9 92 12 78
67

98 66 81 63 65 64 23 56 41 54 53 0 13 36 28 85 19 42 3 8 15 26 30 5
58 47]

round 97, starting client 1/50, id: 24
round 97, starting client 2/50, id: 31
round 97, starting client 3/50, id: 61
round 97, starting client 4/50, id: 25
round 97, starting client 5/50, id: 40
round 97, starting client 6/50, id: 86
round 97, starting client 7/50, id: 88
round 97, starting client 8/50, id: 4
round 97, starting client 9/50, id: 57
round 97, starting client 10/50, id: 90
round 97, starting client 11/50, id: 75
round 97, starting client 12/50, id: 72
round 97, starting client 13/50, id: 87
round 97, starting client 14/50, id: 1
round 97, starting client 15/50, id: 60
round 97, starting client 16/50, id: 43
round 97, starting client 17/50, id: 27
round 97, starting client 18/50, id: 82
round 97, starting client 19/50, id: 68
round 97, starting client 20/50, id: 9
round 97, starting client 21/50, id: 92
round 97, starting client 22/50, id: 12
round 97, starting client 23/50, id: 78
round 97, starting client 24/50, id: 67
round 97, starting client 25/50, id: 98
round 97, starting client 26/50, id: 66
round 97, starting client 27/50, id: 81
round 97, starting client 28/50, id: 63
round 97, starting client 29/50, id: 65
round 97, starting client 30/50, id: 64
round 97, starting client 31/50, id: 23
round 97, starting client 32/50, id: 56
round 97, starting client 33/50, id: 41
round 97, starting client 34/50, id: 54
round 97, starting client 35/50, id: 53
round 97, starting client 36/50, id: 0
round 97, starting client 37/50, id: 13
round 97, starting client 38/50, id: 36
round 97, starting client 39/50, id: 28
round 97, starting client 40/50, id: 85
round 97, starting client 41/50, id: 19
round 97, starting client 42/50, id: 42
round 97, starting client 43/50, id: 3
round 97, starting client 44/50, id: 8

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round 97, starting client 45/50, id: 15
round 97, starting client 46/50, id: 26
round 97, starting client 47/50, id: 30
round 97, starting client 48/50, id: 5
round 97, starting client 49/50, id: 58
round 97, starting client 50/50, id: 47
round 97, validation acc: 0.9816
starting round 98
clients: [62 85 82 44 37 29 12 81 13 25 14 10 88 49 2 95 70 51 91 22 94 92 27
78
34 17 35 18 3 21 98 59 42 73 40 52 80 65 1 58 71 56 72 66 6 4 76 19
46 0]
round 98, starting client 1/50, id: 62
round 98, starting client 2/50, id: 85
round 98, starting client 3/50, id: 82
round 98, starting client 4/50, id: 44
round 98, starting client 5/50, id: 37
round 98, starting client 6/50, id: 29
round 98, starting client 7/50, id: 12
round 98, starting client 8/50, id: 81
round 98, starting client 9/50, id: 13
round 98, starting client 10/50, id: 25
round 98, starting client 11/50, id: 14
round 98, starting client 12/50, id: 10
round 98, starting client 13/50, id: 88
round 98, starting client 14/50, id: 49
round 98, starting client 15/50, id: 2
round 98, starting client 16/50, id: 95
round 98, starting client 17/50, id: 70
round 98, starting client 18/50, id: 51
round 98, starting client 19/50, id: 91
round 98, starting client 20/50, id: 22
round 98, starting client 21/50, id: 94
round 98, starting client 22/50, id: 92
round 98, starting client 23/50, id: 27
round 98, starting client 24/50, id: 78
round 98, starting client 25/50, id: 34
round 98, starting client 26/50, id: 17
round 98, starting client 27/50, id: 35
round 98, starting client 28/50, id: 18
round 98, starting client 29/50, id: 3
round 98, starting client 30/50, id: 21
round 98, starting client 31/50, id: 98
round 98, starting client 32/50, id: 59
round 98, starting client 33/50, id: 42
round 98, starting client 34/50, id: 73
round 98, starting client 35/50, id: 40
round 98, starting client 36/50, id: 52

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round 98, starting client 37/50, id: 80
round 98, starting client 38/50, id: 65
round 98, starting client 39/50, id: 1
round 98, starting client 40/50, id: 58
round 98, starting client 41/50, id: 71
round 98, starting client 42/50, id: 56
round 98, starting client 43/50, id: 72
round 98, starting client 44/50, id: 66
round 98, starting client 45/50, id: 6
round 98, starting client 46/50, id: 4
round 98, starting client 47/50, id: 76
round 98, starting client 48/50, id: 19
round 98, starting client 49/50, id: 46
round 98, starting client 50/50, id: 0
round 98, validation acc: 0.9821
starting round 99
clients: [96 65 50 12 55 94 57 20 90 17 74 3 78 24 28 21 76 83 75 37 42 79 67
53
81 38 99 15 11 8 64 32 33 25 46 7 0 30 43 34 35 62 52 36 88 22 31 48
5 19]
round 99, starting client 1/50, id: 96
round 99, starting client 2/50, id: 65
round 99, starting client 3/50, id: 50
round 99, starting client 4/50, id: 12
round 99, starting client 5/50, id: 55
round 99, starting client 6/50, id: 94
round 99, starting client 7/50, id: 57
round 99, starting client 8/50, id: 20
round 99, starting client 9/50, id: 90
round 99, starting client 10/50, id: 17
round 99, starting client 11/50, id: 74
round 99, starting client 12/50, id: 3
round 99, starting client 13/50, id: 78
round 99, starting client 14/50, id: 24
round 99, starting client 15/50, id: 28
round 99, starting client 16/50, id: 21
round 99, starting client 17/50, id: 76
round 99, starting client 18/50, id: 83
round 99, starting client 19/50, id: 75
round 99, starting client 20/50, id: 37
round 99, starting client 21/50, id: 42
round 99, starting client 22/50, id: 79
round 99, starting client 23/50, id: 67
round 99, starting client 24/50, id: 53
round 99, starting client 25/50, id: 81
round 99, starting client 26/50, id: 38
round 99, starting client 27/50, id: 99
round 99, starting client 28/50, id: 15

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round 99, starting client 29/50, id: 11
round 99, starting client 30/50, id: 8
round 99, starting client 31/50, id: 64
round 99, starting client 32/50, id: 32
round 99, starting client 33/50, id: 33
round 99, starting client 34/50, id: 25
round 99, starting client 35/50, id: 46
round 99, starting client 36/50, id: 7
round 99, starting client 37/50, id: 0
round 99, starting client 38/50, id: 30
round 99, starting client 39/50, id: 43
round 99, starting client 40/50, id: 34
round 99, starting client 41/50, id: 35
round 99, starting client 42/50, id: 62
round 99, starting client 43/50, id: 52
round 99, starting client 44/50, id: 36
round 99, starting client 45/50, id: 88
round 99, starting client 46/50, id: 22
round 99, starting client 47/50, id: 31
round 99, starting client 48/50, id: 48
round 99, starting client 49/50, id: 5
round 99, starting client 50/50, id: 19
round 99, validation acc: 0.9817
[0.2766 0.7021 0.7362 0.8269 0.8887 0.8766 0.8864 0.9103 0.9084 0.8914
 0.9249 0.9274 0.9326 0.9334 0.9427 0.9399 0.9427 0.944 0.944 0.943
 0.9426 0.9509 0.9499 0.9549 0.9529 0.9559 0.954 0.9569 0.9606 0.9608
 0.959 0.9607 0.96 0.9592 0.9583 0.9626 0.9631 0.9623 0.9639 0.9647
 0.9667 0.9645 0.9651 0.9677 0.9673 0.9676 0.972 0.968 0.9689 0.9718
 0.9717 0.9741 0.9726 0.9723 0.9689 0.9663 0.9729 0.9736 0.9742 0.9733
 0.9737 0.9742 0.9737 0.9725 0.9754 0.9766 0.9761 0.9778 0.9767 0.9777
 0.9773 0.9766 0.9778 0.9773 0.9766 0.9782 0.9779 0.9798 0.9789 0.9805
 0.98 0.9786 0.9804 0.9801 0.9805 0.9805 0.9807 0.9812 0.9806 0.9808
 0.9799 0.9818 0.9813 0.9804 0.9804 0.982 0.9814 0.9816 0.9821 0.9817]

```

```

[69]: # view_10(x_debug[:10].to(cpu), torch.argmax(model(x_debug),dim=1)[:10].to(cpu))

# m = CNN().to(cuda)
# m.train()
# lr = 0.01
# opt = torch.optim.SGD(m.parameters(), lr)

# for epoch in range(5):
#     for (t, (x,y)) in enumerate(train_loader):
#         x = x.to(cuda)
#         y = y.to(cuda)
#         opt.zero_grad()
#         out = m(x)

```

```
#         loss = criterion(out, y)
#         loss.backward()
#         opt.step()

#         if (t%100 == 0):
#             print("epoch {}, step {}, loss: {}".format(epoch, t, loss))

#     print("running validation")
#     acc = validate(m)
#     print("epoch {} validation acc: {}".format(epoch, acc))
```