

artist__class__eval__effnet

March 25, 2025

0.1 Defining the convolutional-recurrent architecture consisting of Efficient-NetB0 as the convolutional network

```
[ ]: import torch.nn as nn
import torch.nn.functional as F
import torchvision.models as models
import torch

class EffNetLSTM(nn.Module):
    def __init__(self, num_classes):
        super().__init__()

        effnet = models.efficientnet_b0(weights=models.EfficientNet_B0_Weights.
↪IMAGENET1K_V1)
        self.cnn = effnet.features

        self.channel_reducer = nn.Sequential(
            nn.Conv2d(1280, 512, kernel_size=1),
            nn.BatchNorm2d(512),
            nn.ReLU()
        )

        self.lstm = nn.LSTM(
            input_size=512,
            hidden_size=256,
            num_layers=2,
            bidirectional=True,
            batch_first=True
        )

        self.classifier = nn.Sequential(
            nn.Linear(512, 256),
            nn.ReLU(),
            nn.Dropout(0.5),
            nn.Linear(256, num_classes)
        )

    def forward(self, x):
```

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features = self.cnn(x)

x = self.channel_reducer(features)
bs, c, h, w = x.size()
x = x.permute(0, 2, 3, 1).reshape(bs, h*w, c)

lstm_out, (h_n, c_n) = self.lstm(x)
last_hidden = torch.cat((h_n[-2], h_n[-1]), dim=1)

return self.classifier(last_hidden)

```

0.2 Dataset loading

```

[2]: import cv2
import pandas as pd
import torch
import numpy as np

num_classes = 23

```

```

[3]: df_val = pd.read_csv('wikiart_csv/artist_val.csv', header=None,
    ↪ names=["image_path", "artist_id"])

```

```

[4]: val_images = df_val['image_path'].values
val_labels = df_val['artist_id'].values

```

0.3 Dataset class creation and dataloader

```

[ ]: def get_image(image_path, image_size=224):
    try:
        img = cv2.imread('./wikiart/' + image_path)
        if img is None:
            raise ValueError(f"Image not loaded: ./wikiart/{image_path}")
        img = cv2.cvtColor(img, cv2.COLOR_BGR2RGB)
        h, w, _ = img.shape
        scale = 256 / min(h, w)
        new_w = int(w * scale)
        new_h = int(h * scale)
        img_resized = cv2.resize(img, (new_w, new_h))
        start_x = (new_w - image_size) // 2
        start_y = (new_h - image_size) // 2
        img_cropped = img_resized[start_y:start_y+image_size, start_x:
    ↪ start_x+image_size]
        img_cropped = img_cropped.astype(np.float32) / 255.0
        img_tensor = torch.from_numpy(img_cropped).permute(2, 0, 1)
        mean = torch.tensor([0.485, 0.456, 0.406]).view(3, 1, 1)

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        std = torch.tensor([0.229, 0.224, 0.225]).view(3, 1, 1)
        img_tensor = (img_tensor - mean) / std
        return img_tensor
    except Exception as e:
        print(f"Error processing {image_path}: {e}")
        return torch.zeros(3, image_size, image_size)

class WikiArtDataset(torch.utils.data.Dataset):
    def __init__(self, images, labels):
        self.images = images
        self.labels = labels

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

    def __getitem__(self, idx):
        # image_vectors = []
        # for image in self.images:
        #     image_emb = get_image(image)
        #     image_vectors.append(image_emb)
        # image = torch.stack(image_vectors)
        image = self.images[idx]
        # label should be a one-hot encoded vector
        label = torch.zeros(num_classes)
        label[self.labels[idx]] = 1

        return image, label

# train_dataset = WikiArtDataset(train_images, train_labels)
# train_loader = torch.utils.data.DataLoader(train_dataset, batch_size=64,
# ↪shuffle=True)
val_dataset = WikiArtDataset(val_images, val_labels)
val_loader = torch.utils.data.DataLoader(val_dataset, batch_size=128,
# ↪shuffle=False)

```

0.4 Model declaration and loading the saved weights

```

[ ]: model = EffNetLSTM(num_classes=num_classes)
model.load_state_dict(torch.load('effnet_rcnn_epoch_11.pth'))
model = model.cuda()

```

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[ ]: def top_1_accuracy(outputs, labels):
    _, predicted = torch.max(outputs, 1)
    _, actual = torch.max(labels, 1)
    correct = (predicted == actual).sum().item()
    return correct / labels.shape[0]

```

```

def top_5_accuracy(outputs, labels):
    _, predicted = torch.topk(outputs, 5, dim=1)
    _, actual = torch.max(labels, 1)
    correct = 0
    for i in range(labels.shape[0]):
        if actual[i] in predicted[i]:
            correct += 1
    return correct / labels.shape[0]

model.eval()
top1_acc = 0
top5_acc = 0
num_batches = 0
for image_paths, labels in val_loader:
    with torch.no_grad():
        images = torch.stack([get_image(image_path) for image_path in
↪ image_paths])
        images = images.cuda()
        outputs = model(images)
        labels = labels.cuda()
        top1_acc += top_1_accuracy(outputs, labels)
        top5_acc += top_5_accuracy(outputs, labels)
        num_batches += 1

top1_acc /= num_batches
top5_acc /= num_batches
print(f"Top-1 accuracy: {top1_acc:.2f}")
print(f"Top-5 accuracy: {top5_acc:.2f}")

```

Top-1 accuracy: 0.75

Top-5 accuracy: 0.94

0.5 Outlier detection based on embeddings and confidence of prediction

```

[ ]: import torch.nn as nn
import torch.nn.functional as F
import torch
import numpy as np
from sklearn.metrics.pairwise import cosine_similarity
import pandas as pd
import cv2

softmax = nn.Softmax(dim=1)

def detect_outliers(outputs, labels, image_paths, threshold=0.5):
    probs = torch.nn.functional.softmax(outputs, dim=1)

```

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max_probs, predicted_classes = torch.max(probs, dim=1)
_, actual_classes = torch.max(labels, dim=1)

outliers = []
for i in range(len(image_paths)):
    prob = max_probs[i].item()
    pred_class = predicted_classes[i].item()
    actual_class = actual_classes[i].item()

    if prob < threshold:
        outliers.append((image_paths[i], pred_class, actual_class, prob))

return outliers

def get_embeddings(model, images):
    with torch.no_grad():
        features = model.cnn(images)

        x = model.channel_reducer(features)
        bs, c, h, w = x.size()
        x = x.permute(0, 2, 3, 1).reshape(bs, h*w, c)

        lstm_out, (h_n, c_n) = model.lstm(x)
        lstm_out, _ = model.lstm(x)
        return lstm_out.mean(dim=1).cpu().numpy()

num_classes = 23
model = EffNetLSTM(num_classes=num_classes)
model.load_state_dict(torch.load('effnet_rcnn_epoch_11.pth'))
model = model.cuda()
model.eval()

outlier_samples = []
all_embeddings = []
all_labels = []
all_image_paths = []
predictions = []

for image_paths, labels in val_loader:
    with torch.no_grad():
        images = torch.stack([get_image(image_path) for image_path in
↪ image_paths])
        images = images.cuda()
        outputs = model(images)
        labels = labels.cuda()

```

```

    # Detect outliers
    outliers = detect_outliers(outputs, labels, image_paths)
    outlier_samples.extend(outliers)

    t = torch.nn.functional.softmax(outputs, dim=1)
    max_probs, predicted_classes = torch.max(t, dim=1)
    predictions.extend(predicted_classes.cpu().numpy())
    # Collect embeddings for clustering
    embeddings = get_embeddings(model, images)
    all_embeddings.append(embeddings)
    all_labels.extend(labels.cpu().numpy())
    all_image_paths.extend(image_paths)

all_embeddings = np.vstack(all_embeddings)

similarity_matrix = cosine_similarity(all_embeddings)
outlier_indices = np.argsort(np.mean(similarity_matrix, axis=1))[:10]

print("Low-confidence outliers:")
outlier_accuracy = 0
for path, pred, actual, conf in outlier_samples:
    outlier_accuracy += (pred != actual)
    print(f"Image: {path}, Predicted: {pred}, Actual: {actual}, Confidence: {conf:.2f}")

outlier_accuracy /= len(outlier_samples)
print(f"Outlier detection accuracy by confidence: {outlier_accuracy:.2f}")

print("Embedding-based outliers:")
outlier_accuracy = 0
for idx in outlier_indices:
    outlier_accuracy += (predictions[idx] != all_labels[idx].argmax())
    print(f"Image: {all_image_paths[idx]}, Predicted: {predictions[idx]}, Actual: {all_labels[idx].argmax()}")

outlier_accuracy /= len(outlier_indices)
print(f"Outlier detection accuracy by embeddings: {outlier_accuracy:.2f}")

```

Low-confidence outliers:

Image: Impressionism/claude-monet_camille-sitting-on-the-beach-at-trouville-1871.jpg, Predicted: 14, Actual: 4, Confidence: 0.35

Image: Impressionism/claude-monet_three-pots-of-tulips.jpg, Predicted: 17, Actual: 4, Confidence: 0.18

Image: Impressionism/claude-monet_storm-on-the-cote-de-belle-ile.jpg, Predicted: 4, Actual: 4, Confidence: 0.45

Image: Impressionism/claude-monet_the-frost-1.jpg, Predicted: 22, Actual: 4, Confidence: 0.45

Image: Impressionism/claude-monet_coal-dockers.jpg, Predicted: 2, Actual: 4, Confidence: 0.40

Image: Impressionism/claude-monet_not_detected_212144.jpg, Predicted: 1, Actual: 4, Confidence: 0.25

Image: Impressionism/claude-monet_two-anglers.jpg, Predicted: 4, Actual: 4, Confidence: 0.39

Image: Impressionism/claude-monet_the-siene-at-argentuil.jpg, Predicted: 6, Actual: 4, Confidence: 0.36

Image: Impressionism/claude-monet_camille-with-green-parasol.jpg, Predicted: 4, Actual: 4, Confidence: 0.47

Image: Impressionism/claude-monet_the-luncheon-1.jpg, Predicted: 22, Actual: 4, Confidence: 0.39

Image: Impressionism/claude-monet_view-of-argenteuil-in-the-snow.jpg, Predicted: 2, Actual: 4, Confidence: 0.49

Image: Impressionism/claude-monet_the-promenade-study.jpg, Predicted: 2, Actual: 4, Confidence: 0.42

Image: Impressionism/claude-monet_the-banks-of-the-river-epte-at-giverny.jpg, Predicted: 4, Actual: 4, Confidence: 0.41

Image: Impressionism/claude-monet_saint-lazare-station-exterior-view-2.jpg, Predicted: 4, Actual: 4, Confidence: 0.29

Image: Impressionism/claude-monet_water-lilies-1917-2.jpg, Predicted: 15, Actual: 4, Confidence: 0.42

Image: Impressionism/claude-monet_wharf-of-louvre-paris-1867.jpg, Predicted: 2, Actual: 4, Confidence: 0.43

Image: Impressionism/claude-monet_vase-of-tulips.jpg, Predicted: 16, Actual: 4, Confidence: 0.44

Image: Impressionism/claude-monet_the-garden-at-giverny-1924.jpg, Predicted: 4, Actual: 4, Confidence: 0.30

Image: Impressionism/claude-monet_self-portrait-1917.jpg, Predicted: 8, Actual: 4, Confidence: 0.48

Image: Impressionism/claude-monet_the-magpie-1869.jpg, Predicted: 4, Actual: 4, Confidence: 0.40

Image: Impressionism/claude-monet_the-river.jpg, Predicted: 4, Actual: 4, Confidence: 0.49

Image: Impressionism/claude-monet_self-portrait-in-his-atelier.jpg, Predicted: 8, Actual: 4, Confidence: 0.38

Image: Impressionism/claude-monet_not_detected_212138.jpg, Predicted: 18, Actual: 4, Confidence: 0.31

Image: Impressionism/claude-monet_rouen-cathedral-at-sunset.jpg, Predicted: 17, Actual: 4, Confidence: 0.24

Image: Impressionism/claude-monet_isle-of-flowers-on-siene-near-vetheuil.jpg, Predicted: 22, Actual: 4, Confidence: 0.46

Image: Impressionism/claude-monet_the-manneport-etretat-amont-cliff-rough-weather-1886.jpg, Predicted: 3, Actual: 4, Confidence: 0.43

Image: Impressionism/claude-monet_houses-of-parliament-sunset.jpg, Predicted: 2, Actual: 4, Confidence: 0.39

Image: Realism/claude-monet_trophies-of-the-hunt.jpg, Predicted: 11, Actual: 4, Confidence: 0.31

Image: Impressionism/claude-monet_sailboats-at-sea-pourville.jpg, Predicted: 4, Actual: 4, Confidence: 0.46

Image: Impressionism/claude-monet_portrait-of-poly-fisherman-at-kervillaouen.jpg, Predicted: 8, Actual: 4, Confidence: 0.36

Image: Impressionism/claude-monet_windmills-in-holland.jpg, Predicted: 2, Actual: 4, Confidence: 0.28

Image: Impressionism/claude-monet_springtime-landscape.jpg, Predicted: 2, Actual: 4, Confidence: 0.41

Image: Impressionism/claude-monet_poplars-on-the-banks-of-the-epte.jpg, Predicted: 10, Actual: 4, Confidence: 0.47

Image: Impressionism/claude-monet_lunch-on-the-grass.jpg, Predicted: 4, Actual: 4, Confidence: 0.31

Image: Impressionism/claude-monet_lunch-on-the-grass-study.jpg, Predicted: 4, Actual: 4, Confidence: 0.26

Image: Impressionism/claude-monet_red-and-pink-poppies.jpg, Predicted: 4, Actual: 4, Confidence: 0.44

Image: Impressionism/claude-monet_lunch-on-the-grass-1.jpg, Predicted: 21, Actual: 4, Confidence: 0.33

Image: Impressionism/claude-monet_windmills-at-haaldersbroek-zaandam.jpg, Predicted: 2, Actual: 4, Confidence: 0.40

Image: Impressionism/claude-monet_ice-floes-on-the-seine-at-bougival-1868.jpg, Predicted: 9, Actual: 4, Confidence: 0.37

Image: Impressionism/claude-monet_willows-in-springtime.jpg, Predicted: 2, Actual: 4, Confidence: 0.44

Image: Impressionism/claude-monet_zaandam-the-dike-evening.jpg, Predicted: 2, Actual: 4, Confidence: 0.46

Image: Impressionism/claude-monet_red-mullets.jpg, Predicted: 16, Actual: 4, Confidence: 0.21

Image: Impressionism/childe-hassam_dewey-s-arch.jpg, Predicted: 3, Actual: 3, Confidence: 0.47

Image: Impressionism/childe-hassam_flower-girl-by-the-seine-paris.jpg, Predicted: 2, Actual: 3, Confidence: 0.40

Image: Impressionism/childe-hassam_spring-landscape-with-a-farmer-and-white-horse.jpg, Predicted: 4, Actual: 3, Confidence: 0.44

Image: Impressionism/childe-hassam_isle-of-shoals-2.jpg, Predicted: 17, Actual: 3, Confidence: 0.31

Image: Impressionism/childe-hassam_poppies-isles-of-shoals-02.jpg, Predicted: 3, Actual: 3, Confidence: 0.33

Image: Impressionism/childe-hassam_the-snowy-winter-of-1918-new-york.jpg, Predicted: 12, Actual: 3, Confidence: 0.35

Image: Impressionism/childe-hassam_peonies.jpg, Predicted: 2, Actual: 3, Confidence: 0.41

Image: Impressionism/childe-hassam_a-city-fairyland.jpg, Predicted: 21, Actual: 3, Confidence: 0.24

Image: Impressionism/childe-hassam_the-cove.jpg, Predicted: 14, Actual: 3, Confidence: 0.44

Image: Impressionism/childe-hassam_evening-champs-elysees-aka-pres-du-louvre.jpg, Predicted: 3, Actual: 3, Confidence: 0.48

Image: Impressionism/childe-hassam_summer-evening-paris.jpg, Predicted: 3, Actual: 3, Confidence: 0.26

Image: Impressionism/childe-hassam_shoveling-snow-new-england.jpg, Predicted: 3, Actual: 3, Confidence: 0.35

Image: Impressionism/childe-hassam_the-white-dory.jpg, Predicted: 22, Actual: 3, Confidence: 0.47

Image: Impressionism/childe-hassam_untitled-study-for-bathers.jpg, Predicted: 4, Actual: 3, Confidence: 0.31

Image: Impressionism/childe-hassam_portrait-of-a-lady-in-blue-dress.jpg, Predicted: 22, Actual: 3, Confidence: 0.44

Image: Impressionism/childe-hassam_the-barnyard.jpg, Predicted: 10, Actual: 3, Confidence: 0.33

Image: Impressionism/childe-hassam_the-quai-lannion.jpg, Predicted: 18, Actual: 3, Confidence: 0.39

Image: Impressionism/childe-hassam_bridge-at-old-lyme-02.jpg, Predicted: 6, Actual: 3, Confidence: 0.45

Image: Impressionism/childe-hassam_the-gorge-appledore.jpg, Predicted: 13, Actual: 3, Confidence: 0.50

Image: Impressionism/childe-hassam_the-hourse-of-actaeon-montauk.jpg, Predicted: 3, Actual: 3, Confidence: 0.36

Image: Impressionism/childe-hassam_summer-sunlight.jpg, Predicted: 3, Actual: 3, Confidence: 0.50

Image: Impressionism/childe-hassam_fifth-avenue-aka-sunday-on-fifth-avenue-1891.jpg, Predicted: 2, Actual: 3, Confidence: 0.25

Image: Impressionism/childe-hassam_isles-of-shoals.jpg, Predicted: 10, Actual: 3, Confidence: 0.44

Image: Impressionism/childe-hassam_the-church-at-gloucester.jpg, Predicted: 3, Actual: 3, Confidence: 0.49

Image: Impressionism/childe-hassam_geraniums.jpg, Predicted: 3, Actual: 3, Confidence: 0.44

Image: Impressionism/childe-hassam_autumn-hilltop-new-england-1906.jpg, Predicted: 3, Actual: 3, Confidence: 0.46

Image: Impressionism/childe-hassam_chatou-near-bougival.jpg, Predicted: 8, Actual: 3, Confidence: 0.26

Image: Impressionism/childe-hassam_july-fourteenth-rue-daunou.jpg, Predicted: 3, Actual: 3, Confidence: 0.49

Image: Impressionism/childe-hassam_lyman-s-ledge-appledore.jpg, Predicted: 3, Actual: 3, Confidence: 0.46

Image: Impressionism/childe-hassam_at-the-grand-prix.jpg, Predicted: 3, Actual: 3, Confidence: 0.41

Image: Impressionism/childe-hassam_nurses-in-the-park.jpg, Predicted: 2, Actual: 3, Confidence: 0.46

Image: Impressionism/childe-hassam_laurel-on-the-ledges.jpg, Predicted: 4, Actual: 3, Confidence: 0.45

Image: Impressionism/childe-hassam_oregon-landscape.jpg, Predicted: 4, Actual: 3, Confidence: 0.42

Image: Impressionism/eugene-boudin_the-beach-at-deauville-1863.jpg, Predicted: 6, Actual: 6, Confidence: 0.43

Image: Impressionism/eugene-boudin_princess-pauline-metternich-on-the-beach.jpg, Predicted: 11, Actual: 6, Confidence: 0.42

Image: Realism/eugene-boudin_spray-of-flowers-hollyhocks-1858.jpg, Predicted: 11, Actual: 6, Confidence: 0.23

Image: Impressionism/eugene-boudin_the-beach-1894.jpg, Predicted: 6, Actual: 6, Confidence: 0.41

Image: Impressionism/eugene-boudin_landscape-with-sunset.jpg, Predicted: 4, Actual: 6, Confidence: 0.39

Image: Realism/eugene-boudin_the-saint-simeon-farm-1860.jpg, Predicted: 6, Actual: 6, Confidence: 0.33

Image: Realism/eugene-boudin_near-honfleur.jpg, Predicted: 2, Actual: 6, Confidence: 0.45

Image: Impressionism/eugene-boudin_horses-for-hire-in-a-yard.jpg, Predicted: 6, Actual: 6, Confidence: 0.39

Image: Realism/eugene-boudin_fishermen-by-the-water.jpg, Predicted: 18, Actual: 6, Confidence: 0.22

Image: Romanticism/ivan-aivazovsky_the-tower-of-genoa-1845.jpg, Predicted: 9, Actual: 9, Confidence: 0.29

Image: Romanticism/ivan-aivazovsky_the-betrayal-of-judas-1834.jpg, Predicted: 20, Actual: 9, Confidence: 0.34

Image: Romanticism/ivan-aivazovsky_surf-1888.jpg, Predicted: 4, Actual: 9, Confidence: 0.43

Image: Romanticism/ivan-aivazovsky_the-daryal-canyon-1855.jpg, Predicted: 10, Actual: 9, Confidence: 0.22

Image: Romanticism/ivan-aivazovsky_view-of-tiflis-1868.jpg, Predicted: 14, Actual: 9, Confidence: 0.46

Image: Post_Impressionism/vincent-van-gogh_vase-with-daisies-and-anemones-1887.jpg, Predicted: 4, Actual: 22, Confidence: 0.46

Image: Post_Impressionism/vincent-van-gogh_still-life-glass-with-wild-flowers-1890.jpg, Predicted: 22, Actual: 22, Confidence: 0.25

Image: Realism/vincent-van-gogh_head-of-a-peasant-woman-with-dark-cap-1885-5(1).jpg, Predicted: 15, Actual: 22, Confidence: 0.45

Image: Post_Impressionism/vincent-van-gogh_interior-of-a-restaurant-1887-1.jpg, Predicted: 3, Actual: 22, Confidence: 0.32

Image: Realism/vincent-van-gogh_seated-nude-after-bargues-1890.jpg, Predicted: 15, Actual: 22, Confidence: 0.31

Image: Post_Impressionism/vincent-van-gogh_three-studies-1890.jpg, Predicted: 1, Actual: 22, Confidence: 0.37

Image: Post_Impressionism/vincent-van-gogh_still-life-with-bloaters-and-garlic-1887.jpg, Predicted: 5, Actual: 22, Confidence: 0.27

Image: Post_Impressionism/vincent-van-gogh_portrait-of-a-woman-with-a-red-ribbon-1885.jpg, Predicted: 5, Actual: 22, Confidence: 0.40

Image: Realism/vincent-van-gogh_sculpture-and-still-life-with-cabbage-and-clogs-1881.jpg, Predicted: 1, Actual: 22, Confidence: 0.41

Image: Post_Impressionism/vincent-van-gogh_the-seine-with-the-pont-de-la-grande-jette-1887.jpg, Predicted: 2, Actual: 22, Confidence: 0.48

Image: Post_Impressionism/vincent-van-gogh_a-pair-of-lovers-arles-1888(1).jpg, Predicted: 21, Actual: 22, Confidence: 0.28

Image: Realism/vincent-van-gogh_portrait-of-an-old-man-with-beard-1885.jpg,
Predicted: 16, Actual: 22, Confidence: 0.43

Image: Realism/vincent-van-gogh_peasant-woman-head-1884.jpg, Predicted: 22,
Actual: 22, Confidence: 0.39

Image: Realism/vincent-van-gogh_baskets-of-potatoes-1885(1).jpg, Predicted: 16,
Actual: 22, Confidence: 0.45

Image: Post_Impressionism/vincent-van-gogh_still-life-with-three-books-1887.jpg,
Predicted: 19, Actual: 22, Confidence: 0.34

Image: Post_Impressionism/vincent-van-gogh_the-garden-with-sunflower-1887.jpg,
Predicted: 18, Actual: 22, Confidence: 0.44

Image: Realism/vincent-van-gogh_head-of-a-woman-16.jpg, Predicted: 15, Actual:
22, Confidence: 0.42

Image: Post_Impressionism/vincent-van-gogh_two-thistles-1888.jpg, Predicted: 22,
Actual: 22, Confidence: 0.44

Image: Realism/vincent-van-gogh_the-green-parrot-1886.jpg, Predicted: 5, Actual:
22, Confidence: 0.42

Image: Post_Impressionism/vincent-van-gogh_cypresses-with-two-women-1889(1).jpg,
Predicted: 12, Actual: 22, Confidence: 0.48

Image: Post_Impressionism/vincent-van-gogh_clarinelist-and-piccolo-
player-1887(1).jpg, Predicted: 15, Actual: 22, Confidence: 0.49

Image: Realism/vincent-van-gogh_view-of-het-steen-1885.jpg, Predicted: 2,
Actual: 22, Confidence: 0.42

Image: Realism/vincent-van-gogh_still-life-with-meadow-flowers-and-
roses-1886.jpg, Predicted: 13, Actual: 22, Confidence: 0.41

Image: Post_Impressionism/vincent-van-gogh_olive-trees-1888.jpg, Predicted: 19,
Actual: 22, Confidence: 0.42

Image: Realism/vincent-van-gogh_man-breaking-up-the-soil-1883.jpg, Predicted:
22, Actual: 22, Confidence: 0.39

Image: Realism/vincent-van-gogh_two-sketches-of-a-man-leaning-on-his-
spade-1867.jpg, Predicted: 8, Actual: 22, Confidence: 0.38

Image: Realism/vincent-van-gogh_scheveningen-women-and-other-people-under-
umbrellas-1882.jpg, Predicted: 15, Actual: 22, Confidence: 0.41

Image: Realism/vincent-van-gogh_kneeling-man-planting-1881.jpg, Predicted: 22,
Actual: 22, Confidence: 0.41

Image: Realism/vincent-van-gogh_the-parsonage-garden-at-nuenen-with-pond-and-
figures-1885.jpg, Predicted: 22, Actual: 22, Confidence: 0.44

Image: Post_Impressionism/vincent-van-gogh_cypresses-and-two-women-1890(1).jpg,
Predicted: 22, Actual: 22, Confidence: 0.49

Image: Post_Impressionism/vincent-van-gogh_portrait-of-madame-ginoux-l-
arlesienne-1888-1.jpg, Predicted: 22, Actual: 22, Confidence: 0.38

Image: Post_Impressionism/vincent-van-gogh_vase-with-red-and-white-carnations-
on-a-yellow-background-1886.jpg, Predicted: 16, Actual: 22, Confidence: 0.39

Image: Realism/vincent-van-gogh_still-life-with-bible.jpg, Predicted: 22,
Actual: 22, Confidence: 0.32

Image: Post_Impressionism/vincent-van-gogh_cafe-terrace-on-the-place-du-
forum-1888(1).jpg, Predicted: 1, Actual: 22, Confidence: 0.46

Image: Realism/vincent-van-gogh_the-landscape-in-drenthe-1883.jpg, Predicted: 9,
Actual: 22, Confidence: 0.40

Image: Post_Impressionism/vincent-van-gogh_fishing-boats-on-the-beach-at-les-saintes-maries-de-la-mer-1888-1(1).jpg, Predicted: 13, Actual: 22, Confidence: 0.37

Image: Realism/vincent-van-gogh_road-with-pollard-willows-1881-1.jpg, Predicted: 10, Actual: 22, Confidence: 0.48

Image: Impressionism/camille-pissarro_entrance-to-the-village-of-voisins-yvelines-1872.jpg, Predicted: 2, Actual: 2, Confidence: 0.40

Image: Impressionism/camille-pissarro_london-st-paul-s-cathedral-1890.jpg, Predicted: 18, Actual: 2, Confidence: 0.33

Image: Impressionism/camille-pissarro_road-from-osny-to-pontoise-hoar-frost-1873.jpg, Predicted: 2, Actual: 2, Confidence: 0.49

Image: Impressionism/camille-pissarro_study-of-apple-trees-at-eragny.jpg, Predicted: 2, Actual: 2, Confidence: 0.44

Image: Impressionism/camille-pissarro_peasant-woman-at-the-well.jpg, Predicted: 8, Actual: 2, Confidence: 0.28

Image: Impressionism/camille-pissarro_landscape-at-eragny.jpg, Predicted: 4, Actual: 2, Confidence: 0.46

Image: Impressionism/camille-pissarro_portrait-of-pere-papeille-pontoise.jpg, Predicted: 8, Actual: 2, Confidence: 0.27

Image: Impressionism/camille-pissarro_portrait-of-felix-pissarro-1881.jpg, Predicted: 17, Actual: 2, Confidence: 0.41

Image: Impressionism/camille-pissarro_a-part-of-jallais-pontoise-1875.jpg, Predicted: 2, Actual: 2, Confidence: 0.36

Image: Impressionism/camille-pissarro_eragny-1890.jpg, Predicted: 2, Actual: 2, Confidence: 0.37

Image: Impressionism/camille-pissarro_the-farm-osny.jpg, Predicted: 11, Actual: 2, Confidence: 0.27

Image: Realism/camille-pissarro_in-the-woods.jpg, Predicted: 10, Actual: 2, Confidence: 0.44

Image: Impressionism/camille-pissarro_le-boulevard-de-clichy-1880.jpg, Predicted: 3, Actual: 2, Confidence: 0.35

Image: Impressionism/camille-pissarro_haystacks-1889.jpg, Predicted: 6, Actual: 2, Confidence: 0.33

Image: Realism/camille-pissarro_donkey-ride-at-la-roche-guyon.jpg, Predicted: 2, Actual: 2, Confidence: 0.33

Image: Impressionism/camille-pissarro_a-cottage-in-the-snow-1879.jpg, Predicted: 3, Actual: 2, Confidence: 0.40

Image: Impressionism/camille-pissarro_half-length-portrait-of-lucien-pissarro.jpg, Predicted: 1, Actual: 2, Confidence: 0.28

Image: Impressionism/camille-pissarro_the-pont-neuf-shipwreck-of-the-bonne-mere-1901.jpg, Predicted: 2, Actual: 2, Confidence: 0.47

Image: Impressionism/camille-pissarro_paul-study-1898.jpg, Predicted: 2, Actual: 2, Confidence: 0.24

Image: Impressionism/camille-pissarro_bathers-3-1894.jpg, Predicted: 4, Actual: 2, Confidence: 0.42

Image: Impressionism/camille-pissarro_the-moret-bridge-1888.jpg, Predicted: 10, Actual: 2, Confidence: 0.49

Image: Impressionism/camille-pissarro_portrait-of-jeanne-rachel-

minette-1872.jpg, Predicted: 5, Actual: 2, Confidence: 0.24
 Image: Impressionism/camille-pissarro_resting-in-the-woods-pontoise-1878.jpg,
 Predicted: 2, Actual: 2, Confidence: 0.50
 Image: Impressionism/camille-pissarro_rouen-fog-effect-1898.jpg, Predicted: 2,
 Actual: 2, Confidence: 0.46
 Image: Impressionism/camille-pissarro_landscape-3.jpg, Predicted: 18, Actual: 2,
 Confidence: 0.30
 Image: Realism/camille-pissarro_the-railway-bridge-pontoise.jpg, Predicted: 1,
 Actual: 2, Confidence: 0.45
 Image: Impressionism/camille-pissarro_a-young-maid.jpg, Predicted: 2, Actual: 2,
 Confidence: 0.36
 Image: Impressionism/camille-pissarro_portrait-of-the-artist-s-mother.jpg,
 Predicted: 5, Actual: 2, Confidence: 0.26
 Image: Impressionism/camille-pissarro_la-saint-martin-a-pontoise.jpg, Predicted:
 4, Actual: 2, Confidence: 0.40
 Image: Impressionism/camille-pissarro_ploughland-1874.jpg, Predicted: 2, Actual:
 2, Confidence: 0.44
 Image: Impressionism/camille-pissarro_woman-and-child-doing-needlework-1877.jpg,
 Predicted: 3, Actual: 2, Confidence: 0.35
 Image: Impressionism/camille-pissarro_the-church-and-farm-of-eragny-1895.jpg,
 Predicted: 2, Actual: 2, Confidence: 0.45
 Image: Impressionism/camille-pissarro_lower-norwood-1871.jpg, Predicted: 4,
 Actual: 2, Confidence: 0.25
 Image: Romanticism/gustave-dore_the-army-of-priest-volkmar-and-count-emocio-
 attack-merseburg-1877.jpg, Predicted: 7, Actual: 7, Confidence: 0.46
 Image: Romanticism/gustave-dore_jesus.jpg, Predicted: 0, Actual: 7, Confidence:
 0.37
 Image: Romanticism/gustave-dore_frontispiece-of-all-five-books-of-gargantua-and-
 pantagruel.jpg, Predicted: 14, Actual: 7, Confidence: 0.23
 Image: Romanticism/gustave-dore_the-little-thumb.jpg, Predicted: 7, Actual: 7,
 Confidence: 0.43
 Image: Romanticism/gustave-dore_two-owls.jpg, Predicted: 22, Actual: 7,
 Confidence: 0.35
 Image: Romanticism/gustave-dore_paradise-lost-3.jpg, Predicted: 21, Actual: 7,
 Confidence: 0.49
 Image: Art_Nouveau_Modern/raphael-kirchner_girls-with-good-luck-charms-2.jpg,
 Predicted: 19, Actual: 19, Confidence: 0.50
 Image: Art_Nouveau_Modern/raphael-kirchner_santoy-1900-3.jpg, Predicted: 15,
 Actual: 19, Confidence: 0.32
 Image: Art_Nouveau_Modern/raphael-kirchner_geisha-4.jpg, Predicted: 19, Actual:
 19, Confidence: 0.42
 Image: Art_Nouveau_Modern/raphael-kirchner_boys-and-girls-at-sea-3.jpg,
 Predicted: 15, Actual: 19, Confidence: 0.30
 Image: Art_Nouveau_Modern/raphael-kirchner_unknown-1906.jpg, Predicted: 22,
 Actual: 19, Confidence: 0.32
 Image: Art_Nouveau_Modern/raphael-kirchner_unknown-17.jpg, Predicted: 12,
 Actual: 19, Confidence: 0.30
 Image: Art_Nouveau_Modern/raphael-kirchner_sun-women-1901-4.jpg, Predicted: 1,

Actual: 19, Confidence: 0.47
Image: Art_Nouveau_Modern/raphael-kirchner_girls-faces-in-a-circle-on-violet.jpg, Predicted: 19, Actual: 19, Confidence: 0.39
Image: Art_Nouveau_Modern/raphael-kirchner_boys-and-girls-at-sea-5.jpg, Predicted: 19, Actual: 19, Confidence: 0.44
Image: Art_Nouveau_Modern/raphael-kirchner_the-players-pastel-on-paper.jpg, Predicted: 21, Actual: 19, Confidence: 0.38
Image: Art_Nouveau_Modern/raphael-kirchner_girls-and-eggs-1901-1.jpg, Predicted: 13, Actual: 19, Confidence: 0.35
Image: Art_Nouveau_Modern/raphael-kirchner_vivienne-segal-1.jpg, Predicted: 19, Actual: 19, Confidence: 0.35
Image: Art_Nouveau_Modern/raphael-kirchner_viennese-1.jpg, Predicted: 19, Actual: 19, Confidence: 0.42
Image: Art_Nouveau_Modern/raphael-kirchner_nude-drawings.jpg, Predicted: 19, Actual: 19, Confidence: 0.48
Image: Art_Nouveau_Modern/raphael-kirchner_boys-and-girls-at-sea-7.jpg, Predicted: 1, Actual: 19, Confidence: 0.29
Image: Art_Nouveau_Modern/raphael-kirchner_laundry-woman.jpg, Predicted: 15, Actual: 19, Confidence: 0.46
Image: Art_Nouveau_Modern/raphael-kirchner_unknown-1916-4.jpg, Predicted: 21, Actual: 19, Confidence: 0.39
Image: Art_Nouveau_Modern/raphael-kirchner_from-arcadia.jpg, Predicted: 21, Actual: 19, Confidence: 0.47
Image: Art_Nouveau_Modern/raphael-kirchner_single-items-6.jpg, Predicted: 5, Actual: 19, Confidence: 0.46
Image: Art_Nouveau_Modern/raphael-kirchner_unknown-9.jpg, Predicted: 11, Actual: 19, Confidence: 0.20
Image: Art_Nouveau_Modern/raphael-kirchner_sketch-for-single-items.jpg, Predicted: 21, Actual: 19, Confidence: 0.42
Image: Art_Nouveau_Modern/raphael-kirchner_clovers-1899-2.jpg, Predicted: 1, Actual: 19, Confidence: 0.27
Image: Art_Nouveau_Modern/raphael-kirchner_gleaner.jpg, Predicted: 5, Actual: 19, Confidence: 0.39
Image: Art_Nouveau_Modern/raphael-kirchner_salome-1903-2.jpg, Predicted: 8, Actual: 19, Confidence: 0.34
Image: Art_Nouveau_Modern/raphael-kirchner_salome-1.jpg, Predicted: 15, Actual: 19, Confidence: 0.43
Image: Art_Nouveau_Modern/raphael-kirchner_the-gem-of-the-ocean-puck-magazine-1916.jpg, Predicted: 14, Actual: 19, Confidence: 0.23
Image: Art_Nouveau_Modern/raphael-kirchner_nude-drawings-16.jpg, Predicted: 11, Actual: 19, Confidence: 0.35
Image: Expressionism/salvador-dali_untitled-after-the-night-by-michelangelo.jpg, Predicted: 15, Actual: 21, Confidence: 0.33
Image: Naive_Art_Primitivism/salvador-dali_decalcomania.jpg, Predicted: 21, Actual: 21, Confidence: 0.45
Image: Symbolism/salvador-dali_mulier-e-latere-viri-1967.jpg, Predicted: 21, Actual: 21, Confidence: 0.47
Image: Symbolism/salvador-dali_trulla-caementarii-in-manu-domini-

amos-7-7-1967.jpg, Predicted: 21, Actual: 21, Confidence: 0.38
 Image: Symbolism/salvador-dali_ecce-quasi-filius-hominis-in-nubibus-us-caeli-ezekiel-1-4-1967.jpg, Predicted: 5, Actual: 21, Confidence: 0.43
 Image: Realism/salvador-dali_jug-1923.jpg, Predicted: 21, Actual: 21, Confidence: 0.49
 Image: Expressionism/salvador-dali_untitled-female-nude-on-a-palette.jpg, Predicted: 15, Actual: 21, Confidence: 0.35
 Image: Expressionism/salvador-dali_the-unicorn-unfinished.jpg, Predicted: 20, Actual: 21, Confidence: 0.26
 Image: Cubism/salvador-dali_venus-and-sailor.jpg, Predicted: 15, Actual: 21, Confidence: 0.47
 Image: Expressionism/salvador-dali_scene-in-the-courtyard-of-the-escorial-with-a-figure-in-the-foreground-inspired-by-michelangelo.jpg, Predicted: 21, Actual: 21, Confidence: 0.50
 Image: Post_Impressionism/salvador-dali_portrait-of-luis-bunuel-1900-83-1924.jpg, Predicted: 13, Actual: 21, Confidence: 0.42
 Image: Post_Impressionism/salvador-dali_portrait-of-bobo-rockefeller-unfinished.jpg, Predicted: 1, Actual: 21, Confidence: 0.44
 Image: Realism/salvador-dali_duck.jpg, Predicted: 22, Actual: 21, Confidence: 0.38
 Image: Realism/salvador-dali_aurora-s-head-after-michelangelo-detail-of-a-figure-on-the-grave-of-lorenzo-di-medici.jpg, Predicted: 9, Actual: 21, Confidence: 0.38
 Image: Realism/salvador-dali_galarina-1945.jpg, Predicted: 11, Actual: 21, Confidence: 0.33
 Image: Expressionism/salvador-dali_untitled-male-nude-in-a-landscape.jpg, Predicted: 20, Actual: 21, Confidence: 0.40
 Image: Realism/salvador-dali_sheep.jpg, Predicted: 20, Actual: 21, Confidence: 0.38
 Image: Realism/salvador-dali_dali-from-the-back-painting-gala-from-the-back-eternalized-by-six-virtual-corneas-provisionally-1973.jpg, Predicted: 21, Actual: 21, Confidence: 0.45
 Image: Realism/salvador-dali_untitled-still-life-with-lilies.jpg, Predicted: 21, Actual: 21, Confidence: 0.49
 Image: Post_Impressionism/salvador-dali_portrait-of-maria-carbona-1.jpg, Predicted: 16, Actual: 21, Confidence: 0.39
 Image: Abstract_Expressionism/salvador-dali_christ-from-the-apocalypse-of-st-john.jpg, Predicted: 19, Actual: 21, Confidence: 0.28
 Image: Expressionism/salvador-dali_two-gypsy-lads-1921.jpg, Predicted: 12, Actual: 21, Confidence: 0.41
 Image: Symbolism/salvador-dali_angel-of-light.jpg, Predicted: 13, Actual: 21, Confidence: 0.41
 Image: Symbolism/salvador-dali_ionas-in-ventre-piscis-1967.jpg, Predicted: 5, Actual: 21, Confidence: 0.32
 Image: Expressionism/salvador-dali_sleeping-young-narcissus.jpg, Predicted: 5, Actual: 21, Confidence: 0.43
 Image: Realism/salvador-dali_untitled-still-life-with-white-cloth.jpg, Predicted: 21, Actual: 21, Confidence: 0.49

Image: Symbolism/salvador-dali_aquae-diluvii-super-terram-genesis-6-17-1967.jpg, Predicted: 5, Actual: 21, Confidence: 0.36

Image: Impressionism/salvador-dali_cala-nans.jpg, Predicted: 21, Actual: 21, Confidence: 0.36

Image: Realism/salvador-dali_gala-as-madonna-of-port-lligat.jpg, Predicted: 5, Actual: 21, Confidence: 0.26

Image: Expressionism/salvador-dali_medea-or-jason-taking-possession-of-the-golden-fleece.jpg, Predicted: 14, Actual: 21, Confidence: 0.40

Image: Cubism/salvador-dali_homage-to-erik-satie.jpg, Predicted: 15, Actual: 21, Confidence: 0.47

Image: Symbolism/salvador-dali_the-gaseous-swan.jpg, Predicted: 21, Actual: 21, Confidence: 0.37

Image: Symbolism/salvador-dali_arca-foederis-1967.jpg, Predicted: 22, Actual: 21, Confidence: 0.32

Image: Post_Impressionism/salvador-dali_female-seated-nud.jpg, Predicted: 15, Actual: 21, Confidence: 0.50

Image: Impressionism/salvador-dali_llane-beach-cadaques.jpg, Predicted: 2, Actual: 21, Confidence: 0.43

Image: Realism/salvador-dali_the-prince-of-sleep-el-principe-de-ensueno-1979.jpg, Predicted: 15, Actual: 21, Confidence: 0.38

Image: Realism/salvador-dali_mme-reese.jpg, Predicted: 21, Actual: 21, Confidence: 0.40

Image: Cubism/salvador-dali_crystalline-still-life.jpg, Predicted: 21, Actual: 21, Confidence: 0.48

Image: Symbolism/salvador-dali_abraham-pater-multarem-gentium-genesis-12-1f-1967.jpg, Predicted: 21, Actual: 21, Confidence: 0.44

Image: Symbolism/salvador-dali_nummularii-de-templo-eiecti-john-2-16-1967.jpg, Predicted: 21, Actual: 21, Confidence: 0.42

Image: Abstract_Expressionism/salvador-dali_dali-s-moustache.jpg, Predicted: 19, Actual: 21, Confidence: 0.39

Image: Post_Impressionism/salvador-dali_landscape-near-cadaques-1921.jpg, Predicted: 4, Actual: 21, Confidence: 0.34

Image: Post_Impressionism/salvador-dali_still-life-2.jpg, Predicted: 4, Actual: 21, Confidence: 0.28

Image: Symbolism/salvador-dali_tu-est-petrus-mathew-16-15f-1967.jpg, Predicted: 21, Actual: 21, Confidence: 0.46

Image: Realism/salvador-dali_the-lacemaker-after-vermeer-1955.jpg, Predicted: 8, Actual: 21, Confidence: 0.43

Image: Expressionism/salvador-dali_the-ants-1937.jpg, Predicted: 19, Actual: 21, Confidence: 0.40

Image: Realism/salvador-dali_portrait-of-mrs-fagen.jpg, Predicted: 14, Actual: 21, Confidence: 0.27

Image: Realism/salvador-dali_three-apparitions-of-the-visage-of-gala.jpg, Predicted: 0, Actual: 21, Confidence: 0.49

Image: Expressionism/salvador-dali_crepuscular-old-man-1918.jpg, Predicted: 13, Actual: 21, Confidence: 0.29

Image: Post_Impressionism/salvador-dali_port-alguer.jpg, Predicted: 21, Actual: 21, Confidence: 0.44

Image: Expressionism/salvador-dali_portrait-of-jaume-miravidles-1922.jpg, Predicted: 21, Actual: 21, Confidence: 0.47

Image: Post_Impressionism/salvador-dali_small-rocky-bay-of-nans-cadaques-1921.jpg, Predicted: 21, Actual: 21, Confidence: 0.49

Image: Naive_Art_Primitivism/marc-chagall_illustration-to-nikolai-gogol-s-dead-souls-2.jpg, Predicted: 0, Actual: 12, Confidence: 0.30

Image: Naive_Art_Primitivism/marc-chagall_bushes-and-village-sketch-to-vitrage-in-chapelle-des-cordeliers-in-sarrebourg-1976.jpg, Predicted: 13, Actual: 12, Confidence: 0.45

Image: Naive_Art_Primitivism/marc-chagall_angel-with-a-sword-1956.jpg, Predicted: 13, Actual: 12, Confidence: 0.32

Image: Naive_Art_Primitivism/marc-chagall_moses-with-the-tablets-of-the-law-1956.jpg, Predicted: 15, Actual: 12, Confidence: 0.37

Image: Naive_Art_Primitivism/marc-chagall_sketch-for-meeting-of-isaac-and-rebecca-1980.jpg, Predicted: 1, Actual: 12, Confidence: 0.50

Image: Naive_Art_Primitivism/marc-chagall_moses-1956.jpg, Predicted: 21, Actual: 12, Confidence: 0.47

Image: Naive_Art_Primitivism/marc-chagall_cain-and-abel-1960.jpg, Predicted: 12, Actual: 12, Confidence: 0.23

Image: Naive_Art_Primitivism/marc-chagall_bouquet-with-hand-1957.jpg, Predicted: 13, Actual: 12, Confidence: 0.40

Image: Naive_Art_Primitivism/marc-chagall_ceiling-of-paris-opera-house-1964.jpg, Predicted: 12, Actual: 12, Confidence: 0.36

Image: Expressionism/marc-chagall_war-1915.jpg, Predicted: 15, Actual: 12, Confidence: 0.44

Image: Naive_Art_Primitivism/marc-chagall_creation-of-world-1971.jpg, Predicted: 22, Actual: 12, Confidence: 0.43

Image: Naive_Art_Primitivism/marc-chagall_spring-1938.jpg, Predicted: 12, Actual: 12, Confidence: 0.48

Image: Naive_Art_Primitivism/marc-chagall_banquet-degenerates-into-brawl.jpg, Predicted: 21, Actual: 12, Confidence: 0.34

Image: Cubism/marc-chagall_self-portrait-with-seven-digits-autoportrait-1913.jpg, Predicted: 15, Actual: 12, Confidence: 0.48

Image: Naive_Art_Primitivism/marc-chagall_the-story-of-the-rooster-the-little-goat.jpg, Predicted: 1, Actual: 12, Confidence: 0.38

Image: Naive_Art_Primitivism/marc-chagall_miriam-dances-1931.jpg, Predicted: 12, Actual: 12, Confidence: 0.49

Image: Naive_Art_Primitivism/marc-chagall_the-circus-musicians.jpg, Predicted: 12, Actual: 12, Confidence: 0.44

Image: Naive_Art_Primitivism/marc-chagall_the-creation-of-man-1.jpg, Predicted: 20, Actual: 12, Confidence: 0.34

Image: Expressionism/marc-chagall_red-nude-sitting-up-1908.jpg, Predicted: 15, Actual: 12, Confidence: 0.42

Image: Naive_Art_Primitivism/marc-chagall_the-blue-face-1967.jpg, Predicted: 21, Actual: 12, Confidence: 0.49

Image: Naive_Art_Primitivism/marc-chagall_bushes-and-birds-sketch-to-vitrage-in-chapelle-des-cordeliers-in-sarrebourg-1976.jpg, Predicted: 13, Actual: 12, Confidence: 0.30

Image: Naive_Art_Primitivism/marc-chagall_striking-the-rock-4.jpg, Predicted: 12, Actual: 12, Confidence: 0.47

Image: Naive_Art_Primitivism/marc-chagall_study-to-striking-rock-1.jpg, Predicted: 12, Actual: 12, Confidence: 0.38

Image: Expressionism/marc-chagall_musician-with-violin-1919.jpg, Predicted: 20, Actual: 12, Confidence: 0.49

Image: Naive_Art_Primitivism/marc-chagall_the-tribe-of-benjamin-stained-glass-window-for-the-synagogue-of-the-hadassah-hebrew-university-1962.jpg, Predicted: 15, Actual: 12, Confidence: 0.49

Image: Naive_Art_Primitivism/marc-chagall_the-tablets-of-law-1961.jpg, Predicted: 20, Actual: 12, Confidence: 0.32

Image: Naive_Art_Primitivism/marc-chagall_a-house-in-lioyna-1908.jpg, Predicted: 2, Actual: 12, Confidence: 0.32

Image: Naive_Art_Primitivism/marc-chagall_the-sacrifice-of-isaac-1.jpg, Predicted: 1, Actual: 12, Confidence: 0.21

Image: Naive_Art_Primitivism/marc-chagall_jewish-wedding.jpg, Predicted: 21, Actual: 12, Confidence: 0.34

Image: Naive_Art_Primitivism/marc-chagall_tchitchikov-s-farewell-to-manilov.jpg, Predicted: 1, Actual: 12, Confidence: 0.34

Image: Naive_Art_Primitivism/marc-chagall_moses-casts-his-stick-that-transformed-into-a-snake-on-the-orders-of-the-lord-that-referred-to-1931.jpg, Predicted: 5, Actual: 12, Confidence: 0.42

Image: Naive_Art_Primitivism/marc-chagall_study-to-moses-with-the-burning-bush.jpg, Predicted: 19, Actual: 12, Confidence: 0.39

Image: Naive_Art_Primitivism/marc-chagall_moses-and-aaron-1931.jpg, Predicted: 5, Actual: 12, Confidence: 0.24

Image: Cubism/marc-chagall_bella-with-white-collar-1917.jpg, Predicted: 21, Actual: 12, Confidence: 0.47

Image: Naive_Art_Primitivism/marc-chagall_tree-of-life-sketch-to-vitrage-in-chapelle-des-cordeliers-in-sarrebouurg-1974.jpg, Predicted: 13, Actual: 12, Confidence: 0.44

Image: Naive_Art_Primitivism/marc-chagall_the-summer-evening-1968.jpg, Predicted: 18, Actual: 12, Confidence: 0.22

Image: Cubism/marc-chagall_grey-lovers-1917.jpg, Predicted: 12, Actual: 12, Confidence: 0.30

Image: Naive_Art_Primitivism/marc-chagall_moses-with-the-burning-bush-3.jpg, Predicted: 21, Actual: 12, Confidence: 0.46

Image: Naive_Art_Primitivism/marc-chagall_illustration-for-literary-review-shtrom-heftn-1923.jpg, Predicted: 15, Actual: 12, Confidence: 0.34

Image: Expressionism/martiros-saryan_aragats-1928.jpg, Predicted: 18, Actual: 13, Confidence: 0.45

Image: Expressionism/martiros-saryan_still-life-1953.jpg, Predicted: 2, Actual: 13, Confidence: 0.34

Image: Expressionism/martiros-saryan_still-life-1961.jpg, Predicted: 14, Actual: 13, Confidence: 0.42

Image: Expressionism/martiros-saryan_design-for-opera-by-a-spendiarov-almost-1939.jpg, Predicted: 14, Actual: 13, Confidence: 0.42

Image: Expressionism/martiros-saryan_peonies-1916.jpg, Predicted: 13, Actual:

13, Confidence: 0.49
Image: Expressionism/martiros-saryan_rural-landscape-1903.jpg, Predicted: 14, Actual: 13, Confidence: 0.38
Image: Expressionism/martiros-saryan_mount-shamiram-1922.jpg, Predicted: 14, Actual: 13, Confidence: 0.50
Image: Expressionism/martiros-saryan_to-the-spring-1927.jpg, Predicted: 15, Actual: 13, Confidence: 0.33
Image: Expressionism/martiros-saryan_illustration-to-yeghishe-charents-country-of-nairi-escape-of-nairians-1933.jpg, Predicted: 12, Actual: 13, Confidence: 0.31
Image: Expressionism/martiros-saryan_from-the-artist-s-life-portrait-of-lusik-saryan-in-profile-1941.jpg, Predicted: 16, Actual: 13, Confidence: 0.34
Image: Post_Impressionism/martiros-saryan_in-armenian-village-1901.jpg, Predicted: 3, Actual: 13, Confidence: 0.49
Image: Realism/martiros-saryan_armenia-1934.jpg, Predicted: 13, Actual: 13, Confidence: 0.48
Image: Expressionism/martiros-saryan_portrait-of-anna-akhmatova.jpg, Predicted: 5, Actual: 13, Confidence: 0.23
Image: Expressionism/martiros-saryan_landscape-with-capra-1913.jpg, Predicted: 4, Actual: 13, Confidence: 0.29
Image: Expressionism/martiros-saryan_buddhist-still-life-1919.jpg, Predicted: 1, Actual: 13, Confidence: 0.34
Image: Realism/martiros-saryan_mount-ararat-1961.jpg, Predicted: 13, Actual: 13, Confidence: 0.20
Image: Expressionism/martiros-saryan_constantinople-1910-1.jpg, Predicted: 13, Actual: 13, Confidence: 0.50
Image: Expressionism/martiros-saryan_portrait-of-gayfejyan.jpg, Predicted: 1, Actual: 13, Confidence: 0.32
Image: Expressionism/martiros-saryan_cover-of-armenian-folk-tales-by-i-khatchatryan-1946.jpg, Predicted: 1, Actual: 13, Confidence: 0.45
Image: Expressionism/martiros-saryan_yellow-flowers-1914.jpg, Predicted: 13, Actual: 13, Confidence: 0.37
Image: Realism/martiros-saryan_from-the-aragats-slopes-1951.jpg, Predicted: 13, Actual: 13, Confidence: 0.32
Image: Realism/martiros-saryan_spring-day-1935.jpg, Predicted: 4, Actual: 13, Confidence: 0.23
Image: Expressionism/martiros-saryan_night-landscape-egypt-1911.jpg, Predicted: 21, Actual: 13, Confidence: 0.48
Image: Realism/martiros-saryan_spring-sun.jpg, Predicted: 13, Actual: 13, Confidence: 0.29
Image: Expressionism/martiros-saryan_fantastic-landscape-settlement-in-the-mountains-1972.jpg, Predicted: 1, Actual: 13, Confidence: 0.29
Image: Realism/martiros-saryan_still-life-1959.jpg, Predicted: 18, Actual: 13, Confidence: 0.49
Image: Expressionism/martiros-saryan_egyptian-woman-1911.jpg, Predicted: 13, Actual: 13, Confidence: 0.42
Image: Expressionism/martiros-saryan_walking-woman-1911.jpg, Predicted: 1, Actual: 13, Confidence: 0.40

Image: Expressionism/martiros-saryan_in-yerevan-1908.jpg, Predicted: 15, Actual: 13, Confidence: 0.50

Image: Symbolism/martiros-saryan_king-with-daughter-1904.jpg, Predicted: 1, Actual: 13, Confidence: 0.34

Image: Realism/martiros-saryan_self-portrait-1902.jpg, Predicted: 5, Actual: 13, Confidence: 0.36

Image: Naive_Art_Primitivism/martiros-saryan_illustration-to-armenian-folk-tales-1937-8.jpg, Predicted: 22, Actual: 13, Confidence: 0.47

Image: Realism/john-singer-sargent_a-spanish-woman.jpg, Predicted: 11, Actual: 11, Confidence: 0.43

Image: Realism/john-singer-sargent_study-for-madame-x-1.jpg, Predicted: 15, Actual: 11, Confidence: 0.32

Image: Impressionism/john-singer-sargent_study-of-polly-barnard-for-carnation-lily-lily-rose.jpg, Predicted: 5, Actual: 11, Confidence: 0.50

Image: Impressionism/john-singer-sargent_the-old-chair.jpg, Predicted: 10, Actual: 11, Confidence: 0.42

Image: Impressionism/john-singer-sargent_the-artist-sketching-1922.jpg, Predicted: 2, Actual: 11, Confidence: 0.38

Image: Realism/john-singer-sargent_study-for-a-devil-and-victim-in-judgement.jpg, Predicted: 1, Actual: 11, Confidence: 0.28

Image: Realism/john-singer-sargent_a-vele-gonfie-also-known-as-ena-wertheimer-1904.jpg, Predicted: 11, Actual: 11, Confidence: 0.46

Image: Realism/john-singer-sargent_gordon-greenough-1880.jpg, Predicted: 1, Actual: 11, Confidence: 0.40

Image: Impressionism/john-singer-sargent_on-the-verandah-ironbound-island-maine.jpg, Predicted: 3, Actual: 11, Confidence: 0.35

Image: Impressionism/john-singer-sargent_venice-in-grey-weather.jpg, Predicted: 22, Actual: 11, Confidence: 0.20

Image: Realism/john-singer-sargent_robert-louis-stevenson-and-his-wife-1885.jpg, Predicted: 11, Actual: 11, Confidence: 0.42

Image: Realism/john-singer-sargent_study-for-madame-x.jpg, Predicted: 11, Actual: 11, Confidence: 0.34

Image: Impressionism/john-singer-sargent_by-the-river-1888.jpg, Predicted: 8, Actual: 11, Confidence: 0.46

Image: Impressionism/john-singer-sargent_claude-monet-painting-by-the-edge-of-a-wood-1885.jpg, Predicted: 3, Actual: 11, Confidence: 0.35

Image: Impressionism/john-singer-sargent_hills-of-galilee.jpg, Predicted: 18, Actual: 11, Confidence: 0.47

Image: Realism/john-singer-sargent_nude-study.jpg, Predicted: 8, Actual: 11, Confidence: 0.24

Image: Impressionism/john-singer-sargent_gypsy-encampment.jpg, Predicted: 4, Actual: 11, Confidence: 0.24

Image: Realism/john-singer-sargent_mrs-charles-hunter.jpg, Predicted: 11, Actual: 11, Confidence: 0.41

Image: Realism/john-singer-sargent_mrs-colin-hunter-1896.jpg, Predicted: 8, Actual: 11, Confidence: 0.31

Image: Realism/john-singer-sargent_miss-elizabeth-williamson-1925.jpg, Predicted: 11, Actual: 11, Confidence: 0.49

Image: Realism/john-singer-sargent_alberto-falchetti.jpg, Predicted: 8, Actual: 11, Confidence: 0.38

Image: Realism/john-singer-sargent_a-backwater-at-calcot-near-reading-1888.jpg, Predicted: 22, Actual: 11, Confidence: 0.25

Image: Realism/john-singer-sargent_antonio-mancini-1902.jpg, Predicted: 17, Actual: 11, Confidence: 0.30

Image: Realism/john-singer-sargent_portrait-of-katharine-chase-shapleigh-1890.jpg, Predicted: 11, Actual: 11, Confidence: 0.46

Image: Realism/john-singer-sargent_helen-sears-1895.jpg, Predicted: 1, Actual: 11, Confidence: 0.28

Image: Impressionism/john-singer-sargent_roses.jpg, Predicted: 11, Actual: 11, Confidence: 0.26

Image: Realism/john-singer-sargent_venetian-water-carriers-1882.jpg, Predicted: 5, Actual: 11, Confidence: 0.36

Image: Realism/john-singer-sargent_portrait-of-charles-martin-loeffler-1917.jpg, Predicted: 7, Actual: 11, Confidence: 0.14

Image: Impressionism/john-singer-sargent_bedouin-women-carrying-water-jars-1891.jpg, Predicted: 15, Actual: 11, Confidence: 0.49

Image: Impressionism/john-singer-sargent_the-sketchers-1914.jpg, Predicted: 11, Actual: 11, Confidence: 0.43

Image: Realism/john-singer-sargent_portrait-of-dorothy-barnard-1889.jpg, Predicted: 11, Actual: 11, Confidence: 0.49

Image: Impressionism/john-singer-sargent_egyptians-raising-water-from-the-nile-1891.jpg, Predicted: 11, Actual: 11, Confidence: 0.35

Image: Impressionism/john-singer-sargent_dorothy-barnard-1885.jpg, Predicted: 17, Actual: 11, Confidence: 0.23

Image: Realism/john-singer-sargent_engelsburg-1872.jpg, Predicted: 10, Actual: 11, Confidence: 0.46

Image: Impressionism/john-singer-sargent_a-garden-in-corfu-1909.jpg, Predicted: 3, Actual: 11, Confidence: 0.36

Image: Realism/john-singer-sargent_portrait-of-sir-max-michaelis-1925.jpg, Predicted: 8, Actual: 11, Confidence: 0.36

Image: Impressionism/john-singer-sargent_home-fields.jpg, Predicted: 16, Actual: 11, Confidence: 0.49

Image: Impressionism/john-singer-sargent_violet-resting-on-the-grass-1889.jpg, Predicted: 11, Actual: 11, Confidence: 0.38

Image: Impressionism/john-singer-sargent_landscape-olive-trees-corfu-1909.jpg, Predicted: 17, Actual: 11, Confidence: 0.38

Image: Impressionism/john-singer-sargent_palmettos-1917.jpg, Predicted: 22, Actual: 11, Confidence: 0.34

Image: Impressionism/john-singer-sargent_egyptian-water-jars-1885.jpg, Predicted: 18, Actual: 11, Confidence: 0.38

Image: Impressionism/john-singer-sargent_mediterranean-landscape.jpg, Predicted: 11, Actual: 11, Confidence: 0.30

Image: Impressionism/john-singer-sargent_the-birthday-party-1887.jpg, Predicted: 1, Actual: 11, Confidence: 0.27

Image: Realism/john-singer-sargent_mrs-frederick-barnard-1885.jpg, Predicted: 11, Actual: 11, Confidence: 0.43

Image: Realism/john-singer-sargent_figure-studies-of-a-male-youth.jpg,
Predicted: 13, Actual: 11, Confidence: 0.33

Image: Realism/john-singer-sargent_nude-egyptian-girl-1891.jpg, Predicted: 11,
Actual: 11, Confidence: 0.34

Image: Impressionism/john-singer-sargent_caf-on-the-riva-degli-schiavoni.jpg,
Predicted: 5, Actual: 11, Confidence: 0.41

Image: Impressionism/john-singer-sargent_oxen-on-the-beach-at-baia.jpg,
Predicted: 21, Actual: 11, Confidence: 0.48

Image: Impressionism/john-singer-sargent_lake-in-the-tyrol.jpg, Predicted: 8,
Actual: 11, Confidence: 0.43

Image: Symbolism/nicholas-roerich_dragging-portage-1915.jpg, Predicted: 4,
Actual: 14, Confidence: 0.29

Image: Art_Nouveau_Modern/nicholas-roerich_cabin-1912-1.jpg, Predicted: 14,
Actual: 14, Confidence: 0.42

Image: Symbolism/nicholas-roerich_yaroslav-the-wise-1941.jpg, Predicted: 13,
Actual: 14, Confidence: 0.41

Image: Realism/nicholas-roerich_sketch-of-man-s-head-self-portrait-1890.jpg,
Predicted: 0, Actual: 14, Confidence: 0.33

Image: Symbolism/nicholas-roerich_salome-with-head-of-st-john-the-baptist.jpg,
Predicted: 22, Actual: 14, Confidence: 0.19

Image: Art_Nouveau_Modern/nicholas-roerich_forest-1921.jpg, Predicted: 7,
Actual: 14, Confidence: 0.42

Image: Realism/nicholas-roerich_study-of-landscape.jpg, Predicted: 2, Actual:
14, Confidence: 0.41

Image: Realism/nicholas-roerich_in-hayfields-of-tarakanovka-1893.jpg, Predicted:
14, Actual: 14, Confidence: 0.39

Image: Symbolism/nicholas-roerich_higher-than-mountains-1924.jpg, Predicted: 14,
Actual: 14, Confidence: 0.32

Image: Art_Nouveau_Modern/nicholas-roerich_kiss-the-earth-1912-3.jpg, Predicted:
22, Actual: 14, Confidence: 0.44

Image: Symbolism/nicholas-roerich_study-of-clouds.jpg, Predicted: 4, Actual: 14,
Confidence: 0.41

Image: Symbolism/nicholas-roerich_monhigan-1922-1.jpg, Predicted: 15, Actual:
14, Confidence: 0.44

Image: Symbolism/nicholas-roerich_she-who-leads-1944.jpg, Predicted: 0, Actual:
14, Confidence: 0.30

Image: Symbolism/nicholas-roerich_atlant-1921.jpg, Predicted: 12, Actual: 14,
Confidence: 0.40

Image: Art_Nouveau_Modern/nicholas-roerich_sketch-of-costumes-for-snow-
maiden-6.jpg, Predicted: 1, Actual: 14, Confidence: 0.30

Image: Realism/nicholas-roerich_sketch-of-landscape-and-clouds.jpg, Predicted:
14, Actual: 14, Confidence: 0.33

Image: Art_Nouveau_Modern/nicholas-roerich_a-path-1908.jpg, Predicted: 22,
Actual: 14, Confidence: 0.48

Image: Art_Nouveau_Modern/nicholas-roerich_polovtsian-camp-1908.jpg, Predicted:
3, Actual: 14, Confidence: 0.46

Image: Realism/nicholas-roerich_hellas-1893.jpg, Predicted: 17, Actual: 14,
Confidence: 0.43

Image: Realism/nicholas-roerich_pen-drawing-of-two-idols-in-his-letter-to-v-stasov-1901.jpg, Predicted: 22, Actual: 14, Confidence: 0.26

Image: Symbolism/nicholas-roerich_himalayas-1947.jpg, Predicted: 14, Actual: 14, Confidence: 0.37

Image: Art_Nouveau_Modern/nicholas-roerich_vignette-for-book-n-k-roerich-1918-15.jpg, Predicted: 14, Actual: 14, Confidence: 0.36

Image: Realism/nicholas-roerich_stuffed-duck.jpg, Predicted: 18, Actual: 14, Confidence: 0.24

Image: Art_Nouveau_Modern/nicholas-roerich_holy-martyr-1907.jpg, Predicted: 14, Actual: 14, Confidence: 0.31

Image: Realism/nicholas-roerich_messenger-clan-revolted-against-to-clan-1897.jpg, Predicted: 11, Actual: 14, Confidence: 0.26

Image: Symbolism/nicholas-roerich_order-of-rigden-jyepo-study.jpg, Predicted: 21, Actual: 14, Confidence: 0.21

Image: Symbolism/nicholas-roerich_himalayas-1941-2.jpg, Predicted: 14, Actual: 14, Confidence: 0.50

Image: Symbolism/nicholas-roerich_ancient-pskov-1936.jpg, Predicted: 2, Actual: 14, Confidence: 0.45

Image: Symbolism/nicholas-roerich_white-cloud-1922.jpg, Predicted: 14, Actual: 14, Confidence: 0.27

Image: Symbolism/nicholas-roerich_forging-the-sword-nibelung-1941.jpg, Predicted: 21, Actual: 14, Confidence: 0.48

Image: Symbolism/nicholas-roerich_tibetian-dwellings.jpg, Predicted: 14, Actual: 14, Confidence: 0.48

Image: Symbolism/nicholas-roerich_signs-of-christ-1924-1.jpg, Predicted: 14, Actual: 14, Confidence: 0.33

Image: Realism/nicholas-roerich_demosthenes-1893.jpg, Predicted: 20, Actual: 14, Confidence: 0.35

Image: Realism/nicholas-roerich_sage-1897.jpg, Predicted: 0, Actual: 14, Confidence: 0.30

Image: Art_Nouveau_Modern/nicholas-roerich_costume-design-for-tale-of-tsar-saltan-1919.jpg, Predicted: 15, Actual: 14, Confidence: 0.33

Image: Symbolism/nicholas-roerich_santana-1928.jpg, Predicted: 22, Actual: 14, Confidence: 0.47

Image: Symbolism/nicholas-roerich_sketch-of-mural-with-the-buddhist-theme-for-nicholas-roerich-museum-in-new-york-1927.jpg, Predicted: 22, Actual: 14, Confidence: 0.22

Image: Realism/nicholas-roerich_stuffed-grouse.jpg, Predicted: 21, Actual: 14, Confidence: 0.34

Image: Art_Nouveau_Modern/nicholas-roerich_lake-village-1915.jpg, Predicted: 14, Actual: 14, Confidence: 0.49

Image: Art_Nouveau_Modern/nicholas-roerich_untitled-1916-1.jpg, Predicted: 1, Actual: 14, Confidence: 0.48

Image: Symbolism/nicholas-roerich_vitrage-1929.jpg, Predicted: 0, Actual: 14, Confidence: 0.47

Image: Symbolism/nicholas-roerich_boundary-of-kingdoms-1916.jpg, Predicted: 10, Actual: 14, Confidence: 0.42

Image: Realism/nicholas-roerich_study-1901-1.jpg, Predicted: 16, Actual: 14,

Confidence: 0.28

Image: Realism/nicholas-roerich_drying-house-in-tarakanovka-1893.jpg, Predicted: 10, Actual: 14, Confidence: 0.33

Image: Art_Nouveau_Modern/nicholas-roerich_tmutarakan-1919.jpg, Predicted: 14, Actual: 14, Confidence: 0.36

Image: Art_Nouveau_Modern/nicholas-roerich_vignette-for-book-n-k-roerich-1918-4.jpg, Predicted: 1, Actual: 14, Confidence: 0.38

Image: Art_Nouveau_Modern/nicholas-roerich_san-gimignano-1906.jpg, Predicted: 22, Actual: 14, Confidence: 0.38

Image: Realism/nicholas-roerich_aeschylus-1893.jpg, Predicted: 22, Actual: 14, Confidence: 0.48

Image: Art_Nouveau_Modern/nicholas-roerich_vignette-for-book-n-k-roerich-1918-14.jpg, Predicted: 1, Actual: 14, Confidence: 0.37

Image: Symbolism/nicholas-roerich_harrowing-of-hell-1933.jpg, Predicted: 13, Actual: 14, Confidence: 0.35

Image: Symbolism/nicholas-roerich_world-s-treasure-1924.jpg, Predicted: 14, Actual: 14, Confidence: 0.47

Image: Realism/boris-kustodiev_abbess-1908-1.jpg, Predicted: 21, Actual: 1, Confidence: 0.36

Image: Realism/boris-kustodiev_under-the-arches-of-the-old-church-1918.jpg, Predicted: 14, Actual: 1, Confidence: 0.28

Image: Realism/boris-kustodiev_akaky-akakiyevich-visiting-petrovich-1905.jpg, Predicted: 1, Actual: 1, Confidence: 0.37

Image: Realism/boris-kustodiev_composition-with-three-female-figures-1915.jpg, Predicted: 1, Actual: 1, Confidence: 0.40

Image: Realism/boris-kustodiev_ride-1915.jpg, Predicted: 10, Actual: 1, Confidence: 0.38

Image: Art_Nouveau_Modern/boris-kustodiev_haymaking.jpg, Predicted: 13, Actual: 1, Confidence: 0.41

Image: Realism/boris-kustodiev_portrait-b-a-gorin-goryainov-1926-2.jpg, Predicted: 11, Actual: 1, Confidence: 0.47

Image: Realism/boris-kustodiev_portrait-of-s-n-troinitzky-1922.jpg, Predicted: 15, Actual: 1, Confidence: 0.21

Image: Naive_Art_Primitivism/boris-kustodiev_easter-procession-1915-1.jpg, Predicted: 1, Actual: 1, Confidence: 0.39

Image: Realism/boris-kustodiev_portrait-of-n-s-butova-1915.jpg, Predicted: 1, Actual: 1, Confidence: 0.25

Image: Realism/boris-kustodiev_illustration-for-singers-by-ivan-turgenev-1908.jpg, Predicted: 22, Actual: 1, Confidence: 0.35

Image: Realism/boris-kustodiev_reading-of-the-manifest-1909.jpg, Predicted: 1, Actual: 1, Confidence: 0.48

Image: Art_Nouveau_Modern/boris-kustodiev_tsar-nicholas-ii-1915.jpg, Predicted: 0, Actual: 1, Confidence: 0.31

Image: Realism/boris-kustodiev_portrait-of-m-i-heylik-1901.jpg, Predicted: 1, Actual: 1, Confidence: 0.39

Image: Realism/boris-kustodiev_portrait-of-a-writer-alexandra-vasilevny-schwartz-1906.jpg, Predicted: 22, Actual: 1, Confidence: 0.42

Image: Realism/boris-kustodiev_porter-1922.jpg, Predicted: 1, Actual: 1,

Confidence: 0.17
Image: Realism/boris-kustodiev_harvester-1924.jpg, Predicted: 15, Actual: 1, Confidence: 0.37
Image: Art_Nouveau_Modern/boris-kustodiev_merchant-s-yard-1921.jpg, Predicted: 2, Actual: 1, Confidence: 0.39
Image: Realism/boris-kustodiev_portrait-of-a-a-polovtsev-1903.jpg, Predicted: 1, Actual: 1, Confidence: 0.35
Image: Realism/boris-kustodiev_landscape-in-the-kostroma-region-1914.jpg, Predicted: 14, Actual: 1, Confidence: 0.21
Image: Art_Nouveau_Modern/boris-kustodiev_the-reaper-study-for-the-decoration-of-the-ruzheinaya-rifle-square-in-petrograd-1918.jpg, Predicted: 1, Actual: 1, Confidence: 0.41
Image: Realism/boris-kustodiev_summer-a-trip-to-the-terem-1918.jpg, Predicted: 18, Actual: 1, Confidence: 0.27
Image: Realism/boris-kustodiev_portrait-of-a-d-romanova-1908.jpg, Predicted: 2, Actual: 1, Confidence: 0.21
Image: Realism/boris-kustodiev_autumn-1919-1.jpg, Predicted: 1, Actual: 1, Confidence: 0.33
Image: Art_Nouveau_Modern/boris-kustodiev_street-of-a-provincial-town-1917.jpg, Predicted: 13, Actual: 1, Confidence: 0.38
Image: Realism/boris-kustodiev_self-portrait-1917.jpg, Predicted: 0, Actual: 1, Confidence: 0.48
Image: Realism/boris-kustodiev_group-portrait-of-painters-of-the-world-of-art-1920.jpg, Predicted: 1, Actual: 1, Confidence: 0.42
Image: Art_Nouveau_Modern/boris-kustodiev_february-27-1917.jpg, Predicted: 3, Actual: 1, Confidence: 0.44
Image: Art_Nouveau_Modern/boris-kustodiev_katerina-costume-design-for-nikolai-ostrovsky-s-the-thunderstorm-1920.jpg, Predicted: 18, Actual: 1, Confidence: 0.41
Image: Realism/boris-kustodiev_village-maureno-kostroma-1905.jpg, Predicted: 8, Actual: 1, Confidence: 0.29
Image: Realism/boris-kustodiev_portrait-of-isaak-brodsky-1920.jpg, Predicted: 2, Actual: 1, Confidence: 0.42
Image: Art_Nouveau_Modern/boris-kustodiev_the-merchant-s-wife-at-tea-1920.jpg, Predicted: 8, Actual: 1, Confidence: 0.49
Image: Realism/boris-kustodiev_pavlov-s-mill-on-the-river-yahrust-1905.jpg, Predicted: 10, Actual: 1, Confidence: 0.44
Image: Realism/boris-kustodiev_self-portrait-1904-1.jpg, Predicted: 1, Actual: 1, Confidence: 0.48
Image: Realism/boris-kustodiev_summer-landscape-with-women.jpg, Predicted: 20, Actual: 1, Confidence: 0.45
Image: Realism/boris-kustodiev_portrait-of-stjepan-nikolsky-uncle-of-the-artist-1901.jpg, Predicted: 21, Actual: 1, Confidence: 0.32
Image: Art_Nouveau_Modern/boris-kustodiev_at-the-old-suzdal.jpg, Predicted: 1, Actual: 1, Confidence: 0.41
Image: Art_Nouveau_Modern/boris-kustodiev_bather-seated-on-the-shore-1926.jpg, Predicted: 13, Actual: 1, Confidence: 0.42
Image: Art_Nouveau_Modern/boris-kustodiev_shrovetide-1920.jpg, Predicted: 2,

Actual: 1, Confidence: 0.32
Image: Realism/boris-kustodiev_portrait-of-v-luzhsky-1915.jpg, Predicted: 22,
Actual: 1, Confidence: 0.38
Image: Impressionism/boris-kustodiev_forest-near-the-village-maureeno.jpg,
Predicted: 1, Actual: 1, Confidence: 0.44
Image: Realism/boris-kustodiev_assistant-minister-of-interior-count-a-p-
ignatiev-1906.jpg, Predicted: 5, Actual: 1, Confidence: 0.32
Image: Realism/boris-kustodiev_portrait-of-a-woman-1920.jpg, Predicted: 11,
Actual: 1, Confidence: 0.42
Image: Art_Nouveau_Modern/boris-kustodiev_the-guy-from-tula-1926-1.jpg,
Predicted: 14, Actual: 1, Confidence: 0.43
Image: Realism/boris-kustodiev_portrait-of-an-unknown-woman-1906.jpg, Predicted:
1, Actual: 1, Confidence: 0.45
Image: Naive_Art_Primitivism/boris-kustodiev_poster-of-the-play-flea-1926.jpg,
Predicted: 12, Actual: 1, Confidence: 0.49
Image: Art_Nouveau_Modern/boris-kustodiev_view-in-tula-a-sketch-for-e-zamyatin-
s-play-the-flea-1924.jpg, Predicted: 21, Actual: 1, Confidence: 0.50
Image: Realism/boris-kustodiev_the-cabinet-of-furnachev-1917.jpg, Predicted: 15,
Actual: 1, Confidence: 0.29
Image: Realism/boris-kustodiev_portrait-of-ivan-yershov-the-role-of-
siegfried-1908.jpg, Predicted: 5, Actual: 1, Confidence: 0.37
Image: Realism/boris-kustodiev_bathing-1912.jpg, Predicted: 4, Actual: 1,
Confidence: 0.29
Image: Realism/boris-kustodiev_chairman-of-the-council-of-ministers-i-l-
goremykin-1906.jpg, Predicted: 7, Actual: 1, Confidence: 0.39
Image: Realism/boris-kustodiev_on-the-bridge-the-wife-and-daughter-of-the-
artist-1917.jpg, Predicted: 0, Actual: 1, Confidence: 0.38
Image: Realism/boris-kustodiev_children-1900.jpg, Predicted: 11, Actual: 1,
Confidence: 0.42
Image: Naive_Art_Primitivism/boris-kustodiev_from-the-books-of-r-notgaft-
bookplate-1912.jpg, Predicted: 1, Actual: 1, Confidence: 0.49
Image: Art_Nouveau_Modern/boris-kustodiev_twilight-in-sudislavl.jpg, Predicted:
8, Actual: 1, Confidence: 0.38
Image: Realism/boris-kustodiev_at-the-grave-of-proclus-1921.jpg, Predicted: 15,
Actual: 1, Confidence: 0.20
Image: Impressionism/paul-cezanne_cottages-of-auvers.jpg, Predicted: 2, Actual:
16, Confidence: 0.48
Image: Romanticism/paul-cezanne_l-estaque-under-snow-1870.jpg, Predicted: 5,
Actual: 16, Confidence: 0.26
Image: Post_Impressionism/paul-cezanne_mont-sainte-victoire-1902.jpg, Predicted:
18, Actual: 16, Confidence: 0.47
Image: Post_Impressionism/paul-cezanne_harlequin-1890-1.jpg, Predicted: 16,
Actual: 16, Confidence: 0.48
Image: Impressionism/paul-cezanne_eremitage-pontoise-1874.jpg, Predicted: 1,
Actual: 16, Confidence: 0.36
Image: Cubism/paul-cezanne_still-life-with-three-skulls.jpg, Predicted: 11,
Actual: 16, Confidence: 0.35
Image: Romanticism/paul-cezanne_mont-sainte-victoire-1867.jpg, Predicted: 16,

Actual: 16, Confidence: 0.36
Image: Post_Impressionism/paul-cezanne_self-portrait-with-white-turbaned-1882.jpg, Predicted: 2, Actual: 16, Confidence: 0.38
Image: Romanticism/paul-cezanne_the-four-seasons-winter-1861.jpg, Predicted: 5, Actual: 16, Confidence: 0.30
Image: Post_Impressionism/paul-cezanne_houses-on-the-hill.jpg, Predicted: 22, Actual: 16, Confidence: 0.36
Image: Post_Impressionism/paul-cezanne_self-portrait-1882.jpg, Predicted: 16, Actual: 16, Confidence: 0.49
Image: Impressionism/paul-cezanne_road-at-pontoise-1875.jpg, Predicted: 2, Actual: 16, Confidence: 0.32
Image: Romanticism/paul-cezanne_road-in-provence.jpg, Predicted: 16, Actual: 16, Confidence: 0.32
Image: Impressionism/paul-cezanne_strangled-woman-1872.jpg, Predicted: 16, Actual: 16, Confidence: 0.37
Image: Romanticism/paul-cezanne_hortense-breast-feeding-paul-1872.jpg, Predicted: 16, Actual: 16, Confidence: 0.50
Image: Romanticism/paul-cezanne_bathers-and-fisherman-with-a-line-1872.jpg, Predicted: 15, Actual: 16, Confidence: 0.46
Image: Post_Impressionism/paul-cezanne_madame-cezanne-in-a-striped-rob.jpg, Predicted: 16, Actual: 16, Confidence: 0.29
Image: Post_Impressionism/paul-cezanne_still-life-with-pomegranate-and-pears-1890.jpg, Predicted: 5, Actual: 16, Confidence: 0.44
Image: Romanticism/paul-cezanne_the-abduction-1867.jpg, Predicted: 22, Actual: 16, Confidence: 0.50
Image: Romanticism/paul-cezanne_neried-and-tritons-1867.jpg, Predicted: 11, Actual: 16, Confidence: 0.33
Image: Romanticism/paul-cezanne_the-gravediggers-1870.jpg, Predicted: 2, Actual: 16, Confidence: 0.47
Image: Romanticism/paul-cezanne_guillaumin-by-the-road.jpg, Predicted: 2, Actual: 16, Confidence: 0.19
Image: Romanticism/paul-cezanne_luncheon-on-the-grass-1869.jpg, Predicted: 21, Actual: 16, Confidence: 0.21
Image: Romanticism/paul-cezanne_the-four-seasons-summer-1861.jpg, Predicted: 15, Actual: 16, Confidence: 0.28
Image: Post_Impressionism/paul-cezanne_self-portrait-3.jpg, Predicted: 18, Actual: 16, Confidence: 0.39
Image: Romanticism/paul-cezanne_the-artist-s-mother-1867.jpg, Predicted: 18, Actual: 16, Confidence: 0.46
Image: Post_Impressionism/paul-cezanne_peasant-1891.jpg, Predicted: 16, Actual: 16, Confidence: 0.47
Image: Romanticism/paul-cezanne_the-feast-1867.jpg, Predicted: 0, Actual: 16, Confidence: 0.43
Image: Romanticism/paul-cezanne_still-life-bread-and-leg-of-lamb-1866.jpg, Predicted: 16, Actual: 16, Confidence: 0.46
Image: Post_Impressionism/paul-cezanne_portrait-of-madame-cezanne.jpg, Predicted: 16, Actual: 16, Confidence: 0.48
Image: Romanticism/paul-cezanne_portrait-of-gustave-boyer.jpg, Predicted: 13,

Actual: 16, Confidence: 0.26
Image: Cubism/paul-cezanne_large-bathers-1906-1.jpg, Predicted: 11, Actual: 16, Confidence: 0.32
Image: Post_Impressionism/paul-cezanne_portrait-of-the-gardener-vallier.jpg, Predicted: 16, Actual: 16, Confidence: 0.48
Image: Post_Impressionism/paul-cezanne_bank-of-the-oise-1888.jpg, Predicted: 16, Actual: 16, Confidence: 0.46
Image: Post_Impressionism/paul-cezanne_the-banks-of-the-marne-1888-1.jpg, Predicted: 16, Actual: 16, Confidence: 0.46
Image: Post_Impressionism/paul-cezanne_landscape-of-the-jas-de-bouffan-1885.jpg, Predicted: 18, Actual: 16, Confidence: 0.43
Image: Romanticism/paul-cezanne_river-in-the-plain.jpg, Predicted: 22, Actual: 16, Confidence: 0.16
Image: Romanticism/paul-cezanne_the-temptation-of-st-anthony.jpg, Predicted: 12, Actual: 16, Confidence: 0.35
Image: Impressionism/pierre-auguste-renoir_pont-neuf-1872.jpg, Predicted: 2, Actual: 17, Confidence: 0.49
Image: Impressionism/pierre-auguste-renoir_the-blue-lady-1874.jpg, Predicted: 2, Actual: 17, Confidence: 0.26
Image: Impressionism/pierre-auguste-renoir_portrait-of-charles-and-georges-durand-ruel-1882.jpg, Predicted: 17, Actual: 17, Confidence: 0.30
Image: Impressionism/pierre-auguste-renoir_portrait-of-edmond-maitre-the-reader-1871.jpg, Predicted: 16, Actual: 17, Confidence: 0.48
Image: Impressionism/pierre-auguste-renoir_woman-in-a-garden-woman-with-a-seagull-1868.jpg, Predicted: 1, Actual: 17, Confidence: 0.46
Image: Impressionism/pierre-auguste-renoir_still-life-with-peaches-and-grapes-1881.jpg, Predicted: 18, Actual: 17, Confidence: 0.42
Image: Impressionism/pierre-auguste-renoir_dancer-1874.jpg, Predicted: 4, Actual: 17, Confidence: 0.40
Image: Impressionism/pierre-auguste-renoir_flag-decorated-street-1906.jpg, Predicted: 12, Actual: 17, Confidence: 0.28
Image: Impressionism/pierre-auguste-renoir_still-life-with-fuscias.jpg, Predicted: 16, Actual: 17, Confidence: 0.34
Image: Impressionism/pierre-auguste-renoir_spring-flowers-1864.jpg, Predicted: 18, Actual: 17, Confidence: 0.22
Image: Impressionism/pierre-auguste-renoir_monet-painting-in-his-garden-at-argenteuil-1873.jpg, Predicted: 4, Actual: 17, Confidence: 0.39
Image: Impressionism/pierre-auguste-renoir_ellen-andree-1879.jpg, Predicted: 17, Actual: 17, Confidence: 0.47
Image: Realism/pierre-auguste-renoir_riding-in-the-bois-de-boulogne-madame-henriette-darras-or-the-ride-1873.jpg, Predicted: 5, Actual: 17, Confidence: 0.48
Image: Impressionism/pierre-auguste-renoir_head-of-a-dog-1870.jpg, Predicted: 17, Actual: 17, Confidence: 0.36
Image: Realism/pierre-auguste-renoir_a-girl-1.jpg, Predicted: 5, Actual: 17, Confidence: 0.46
Image: Impressionism/pierre-auguste-renoir_children-s-afternoon-at-wargemont-marguerite-1884.jpg, Predicted: 1, Actual: 17, Confidence: 0.39

Image: Impressionism/pierre-auguste-renoir_still-life-with-peaches-and-grapes.jpg, Predicted: 17, Actual: 17, Confidence: 0.50

Image: Impressionism/pierre-auguste-renoir_madame-chocquet-reading-1876.jpg, Predicted: 4, Actual: 17, Confidence: 0.47

Image: Impressionism/pierre-auguste-renoir_portrait-of-the-couple-sisley-1868.jpg, Predicted: 5, Actual: 17, Confidence: 0.48

Image: Impressionism/pierre-auguste-renoir_reader-in-green-1894.jpg, Predicted: 2, Actual: 17, Confidence: 0.38

Image: Impressionism/pierre-auguste-renoir_village-street-louveciennes-1872.jpg, Predicted: 4, Actual: 17, Confidence: 0.36

Image: Impressionism/pierre-auguste-renoir_dance-at-boulevard-1883-1.jpg, Predicted: 5, Actual: 17, Confidence: 0.36

Image: Impressionism/pierre-auguste-renoir_madame-georges-charpentier-and-her-children-1878.jpg, Predicted: 17, Actual: 17, Confidence: 0.26

Image: Impressionism/pierre-auguste-renoir_the-promenade.jpg, Predicted: 17, Actual: 17, Confidence: 0.48

Image: Impressionism/pierre-auguste-renoir_the-umbrella-1878.jpg, Predicted: 4, Actual: 17, Confidence: 0.46

Image: Impressionism/pierre-auguste-renoir_two-women-with-umbrellas.jpg, Predicted: 17, Actual: 17, Confidence: 0.30

Image: Impressionism/pierre-auguste-renoir_the-banks-of-the-river.jpg, Predicted: 17, Actual: 17, Confidence: 0.46

Image: Impressionism/pierre-auguste-renoir_young-woman-on-a-bench-1875.jpg, Predicted: 17, Actual: 17, Confidence: 0.38

Image: Impressionism/pierre-auguste-renoir_madame-monet-1872.jpg, Predicted: 17, Actual: 17, Confidence: 0.31

Image: Baroque/rembrandt_family-group-1668.jpg, Predicted: 5, Actual: 20, Confidence: 0.30

Image: Baroque/rembrandt_large-self-portrait-1652.jpg, Predicted: 11, Actual: 20, Confidence: 0.41

Image: Baroque/rembrandt_a-young-man-and-a-girl-playing-cards.jpg, Predicted: 22, Actual: 20, Confidence: 0.22

Image: Baroque/rembrandt_portrait-of-a-seated-man-rising-from-his-chair-1633.jpg, Predicted: 1, Actual: 20, Confidence: 0.27

Image: Baroque/rembrandt_the-stone-bridge.jpg, Predicted: 10, Actual: 20, Confidence: 0.42

Image: Baroque/rembrandt_eliezer-and-rebecca-at-the-well-1640.jpg, Predicted: 18, Actual: 20, Confidence: 0.30

Image: Baroque/rembrandt_self-portrait-in-at-the-age-of-63-1669.jpg, Predicted: 20, Actual: 20, Confidence: 0.49

Image: Baroque/rembrandt_the-polish-rider-1655.jpg, Predicted: 5, Actual: 20, Confidence: 0.35

Image: Baroque/rembrandt_the-flight-into-egypt.jpg, Predicted: 20, Actual: 20, Confidence: 0.45

Image: Baroque/rembrandt_the-flight-into-egypt-called-in-the-style-of-elzheimer-1653.jpg, Predicted: 10, Actual: 20, Confidence: 0.48

Image: Baroque/rembrandt_saskia-looking-out-of-a-window-1635.jpg, Predicted: 15, Actual: 20, Confidence: 0.44

Image: Baroque/rembrandt_old-man-seated-in-an-armchair-full-length.jpg,
Predicted: 7, Actual: 20, Confidence: 0.39

Image: Baroque/rembrandt_one-of-the-two-old-1634.jpg, Predicted: 1, Actual: 20,
Confidence: 0.48

Image: Baroque/rembrandt_self-portrait-with-beret-and-turned-up-collar-1659.jpg,
Predicted: 20, Actual: 20, Confidence: 0.46

Image: Baroque/rembrandt_the-three-crosses-1653.jpg, Predicted: 20, Actual: 20,
Confidence: 0.49

Image: Baroque/rembrandt_saskia-asleep-in-bed.jpg, Predicted: 1, Actual: 20,
Confidence: 0.34

Image: Baroque/rembrandt_a-woman-sitting-up-in-bed.jpg, Predicted: 20, Actual:
20, Confidence: 0.49

Image: Baroque/rembrandt_dead-peacocks.jpg, Predicted: 22, Actual: 20,
Confidence: 0.27

Image: Baroque/rembrandt_drawing-of-the-last-supper-1635.jpg, Predicted: 12,
Actual: 20, Confidence: 0.24

Image: Baroque/rembrandt_tobit-and-anna-with-the-kid-1645.jpg, Predicted: 20,
Actual: 20, Confidence: 0.21

Image: Baroque/rembrandt_st-bartholomew-1657.jpg, Predicted: 5, Actual: 20,
Confidence: 0.41

Image: Realism/ivan-shishkin_in-the-wild-north-1891.jpg, Predicted: 14, Actual:
10, Confidence: 0.28

Image: Realism/ivan-shishkin_summer.jpg, Predicted: 9, Actual: 10, Confidence:
0.41

Image: Realism/ivan-shishkin_forest-stream-evening-1871.jpg, Predicted: 10,
Actual: 10, Confidence: 0.41

Image: Realism/ivan-shishkin_bull-1863.jpg, Predicted: 22, Actual: 10,
Confidence: 0.31

Image: Realism/ivan-shishkin_after-a-storm-in-mary-howe-1891.jpg, Predicted: 9,
Actual: 10, Confidence: 0.37

Image: Realism/ivan-shishkin_mountain-path-crimea-1879.jpg, Predicted: 22,
Actual: 10, Confidence: 0.25

Image: Realism/ivan-shishkin_pond-1881.jpg, Predicted: 4, Actual: 10,
Confidence: 0.33

Image: Realism/ivan-shishkin_beach.jpg, Predicted: 22, Actual: 10, Confidence:
0.30

Image: Realism/ivan-shishkin_path-in-the-forest-1891.jpg, Predicted: 10, Actual:
10, Confidence: 0.41

Image: Realism/ivan-shishkin_tree-roots.jpg, Predicted: 7, Actual: 10,
Confidence: 0.38

Image: Realism/ivan-shishkin_winter-moscow-suburbs.jpg, Predicted: 4, Actual:
10, Confidence: 0.35

Image: Realism/ivan-shishkin_pines-sunny-day.jpg, Predicted: 10, Actual: 10,
Confidence: 0.42

Image: Realism/ivan-shishkin_stones.jpg, Predicted: 8, Actual: 10, Confidence:
0.42

Image: Realism/ivan-shishkin_pines-1895.jpg, Predicted: 10, Actual: 10,
Confidence: 0.46

Image: Realism/ivan-shishkin_forest-lake.jpg, Predicted: 2, Actual: 10, Confidence: 0.49

Image: Realism/ivan-shishkin_broken-birch-1872.jpg, Predicted: 0, Actual: 10, Confidence: 0.45

Image: Realism/ivan-shishkin_ravines.jpg, Predicted: 10, Actual: 10, Confidence: 0.39

Image: Northern_Renaissance/albrecht-durer_portrait-of-hieronymus-holzschuher-1526-1.jpg, Predicted: 14, Actual: 0, Confidence: 0.49

Image: Northern_Renaissance/albrecht-durer_portrait-of-electore-frederick-the-wise-of-saxony-1496.jpg, Predicted: 15, Actual: 0, Confidence: 0.33

Image: Northern_Renaissance/albrecht-durer_st-apollonia-1521.jpg, Predicted: 15, Actual: 0, Confidence: 0.31

Image: Northern_Renaissance/albrecht-durer_house-by-a-pond.jpg, Predicted: 17, Actual: 0, Confidence: 0.45

Image: Northern_Renaissance/albrecht-durer_penitent-jerome-1497.jpg, Predicted: 0, Actual: 0, Confidence: 0.22

Image: Northern_Renaissance/albrecht-durer_allegory-of-justice-1498.jpg, Predicted: 22, Actual: 0, Confidence: 0.33

Image: Northern_Renaissance/albrecht-durer_christ-among-the-doctors-1506.jpg, Predicted: 5, Actual: 0, Confidence: 0.47

Image: Northern_Renaissance/albrecht-durer_drummers-and-pipers.jpg, Predicted: 15, Actual: 0, Confidence: 0.41

Image: Northern_Renaissance/albrecht-durer_tilo-on-the-cantilever-of-a-bastion.jpg, Predicted: 2, Actual: 0, Confidence: 0.27

Image: Northern_Renaissance/albrecht-durer_the-sorrows-1497.jpg, Predicted: 11, Actual: 0, Confidence: 0.33

Image: Northern_Renaissance/albrecht-durer_primula.jpg, Predicted: 0, Actual: 0, Confidence: 0.43

Image: Northern_Renaissance/albrecht-durer_the-imperial-crown.jpg, Predicted: 15, Actual: 0, Confidence: 0.44

Image: Northern_Renaissance/albrecht-durer_portrait-of-a-man-with-baret-and-scroll-1521.jpg, Predicted: 0, Actual: 0, Confidence: 0.39

Image: Northern_Renaissance/albrecht-durer_the-lady-of-the-festival-du-rosaire-fragment-2.jpg, Predicted: 5, Actual: 0, Confidence: 0.43

Image: Northern_Renaissance/albrecht-durer_small-passion-title-page.jpg, Predicted: 22, Actual: 0, Confidence: 0.44

Image: Northern_Renaissance/albrecht-durer_hercules-kills-the-symphalic-bird-1520.jpg, Predicted: 15, Actual: 0, Confidence: 0.44

Image: Northern_Renaissance/albrecht-durer_wappen-pirckheimer.jpg, Predicted: 11, Actual: 0, Confidence: 0.36

Image: Northern_Renaissance/albrecht-durer_albrecht-durer-s-father-1497.jpg, Predicted: 20, Actual: 0, Confidence: 0.30

Image: Northern_Renaissance/albrecht-durer_the-mantle-of-the-pope.jpg, Predicted: 20, Actual: 0, Confidence: 0.50

Image: Northern_Renaissance/albrecht-durer_man-aged-93-brush-ink-on-paper-1521.jpg, Predicted: 20, Actual: 0, Confidence: 0.41

Image: Northern_Renaissance/albrecht-durer_the-adoration-of-the-holy-trinity-landauer-altar-1511.jpg, Predicted: 5, Actual: 0, Confidence: 0.39

Image: Northern_Renaissance/albrecht-durer_design-to-a-court-dress.jpg,
Predicted: 0, Actual: 0, Confidence: 0.49

Image: Northern_Renaissance/albrecht-durer_amorous-peasants.jpg, Predicted: 15,
Actual: 0, Confidence: 0.42

Image: Northern_Renaissance/albrecht-durer_head-of-a-young-woman.jpg, Predicted:
11, Actual: 0, Confidence: 0.36

Image: Northern_Renaissance/albrecht-durer_back-figure.jpg, Predicted: 0,
Actual: 0, Confidence: 0.44

Image: Northern_Renaissance/albrecht-durer_heller-altarpiece.jpg, Predicted: 0,
Actual: 0, Confidence: 0.36

Image: Northern_Renaissance/albrecht-durer_jesus-boy-with-globe-1493.jpg,
Predicted: 2, Actual: 0, Confidence: 0.48

Image: Northern_Renaissance/albrecht-durer_hands-of-an-apostle.jpg, Predicted:
14, Actual: 0, Confidence: 0.39

Image: Northern_Renaissance/albrecht-durer_pine-1497.jpg, Predicted: 1, Actual:
0, Confidence: 0.22

Image: Northern_Renaissance/albrecht-durer_man-of-sorrows-with-hands-
bound-1512.jpg, Predicted: 12, Actual: 0, Confidence: 0.28

Image: Northern_Renaissance/albrecht-durer_paumgartner-altar.jpg, Predicted: 1,
Actual: 0, Confidence: 0.33

Image: Realism/ilya-repin_madonna-with-child-1896.jpg, Predicted: 8, Actual: 8,
Confidence: 0.34

Image: Realism/ilya-repin_send-off-of-recruit-1879.jpg, Predicted: 5, Actual: 8,
Confidence: 0.36

Image: Realism/ilya-repin_portrait-of-the-artist-i-s-ostroukhov-1913.jpg,
Predicted: 8, Actual: 8, Confidence: 0.40

Image: Realism/ilya-repin_raising-of-jairus-daughter3-1871.jpg, Predicted: 22,
Actual: 8, Confidence: 0.25

Image: Realism/ilya-repin_kubana-1883.jpg, Predicted: 7, Actual: 8, Confidence:
0.33

Image: Realism/ilya-repin_portrait-of-a-i-shevtsov-1869.jpg, Predicted: 8,
Actual: 8, Confidence: 0.21

Image: Realism/ilya-repin_sermon-of-josaphat-kuntsevich-in-belarus-1893.jpg,
Predicted: 8, Actual: 8, Confidence: 0.36

Image: Realism/ilya-repin_in-the-hut-1878.jpg, Predicted: 8, Actual: 8,
Confidence: 0.42

Image: Realism/ilya-repin_cry-of-prophet-jeremiah-on-the-ruins-of-jerusalem-on-
a-bible-subject-1870.jpg, Predicted: 16, Actual: 8, Confidence: 0.21

Image: Realism/ilya-repin_portrait-of-anton-rubinstein-1915.jpg, Predicted: 8,
Actual: 8, Confidence: 0.41

Image: Realism/ilya-repin_christ-1884.jpg, Predicted: 2, Actual: 8, Confidence:
0.22

Image: Realism/ilya-repin_in-the-upper-tier-of-the-theater-1920.jpg, Predicted:
12, Actual: 8, Confidence: 0.49

Image: Realism/ilya-repin_diogenes-and-the-boy-1867.jpg, Predicted: 17, Actual:
8, Confidence: 0.35

Image: Realism/ilya-repin_jesus-in-a-crown-of-thorns-1913.jpg, Predicted: 2,
Actual: 8, Confidence: 0.34

Image: Realism/ilya-repin_portrait-of-writer-vladimir-grigorievich-chertkov-1890.jpg, Predicted: 8, Actual: 8, Confidence: 0.32

Image: Realism/ilya-repin_sadko-in-the-underwater-kingdom-1875.jpg, Predicted: 8, Actual: 8, Confidence: 0.48

Image: Realism/ilya-repin_leisure-1882.jpg, Predicted: 8, Actual: 8, Confidence: 0.49

Image: Realism/ilya-repin_portrait-of-the-composer-anton-rubinstein-1887.jpg, Predicted: 8, Actual: 8, Confidence: 0.27

Image: Realism/ilya-repin_christ-and-nicodemus-1887.jpg, Predicted: 1, Actual: 8, Confidence: 0.20

Image: Realism/ilya-repin_portrait-of-nadezhda-borisovna-nordman-severova-1909.jpg, Predicted: 11, Actual: 8, Confidence: 0.34

Image: Realism/ilya-repin_nude-model-from-behind-1896.jpg, Predicted: 21, Actual: 8, Confidence: 0.48

Image: Realism/ilya-repin_portrait-of-vera-shevtsova-1869.jpg, Predicted: 16, Actual: 8, Confidence: 0.30

Image: Realism/ilya-repin_rest-portrait-of-vera-repina-the-artist-s-wife-1882.jpg, Predicted: 8, Actual: 8, Confidence: 0.48

Image: Realism/ilya-repin_portrait-of-v-e-repin-the-artist-s-brother-1867.jpg, Predicted: 8, Actual: 8, Confidence: 0.40

Image: Realism/ilya-repin_the-village-of-mokhnachi-near-chuguyev-1877.jpg, Predicted: 8, Actual: 8, Confidence: 0.33

Image: Realism/ilya-repin_tatyana-repina-the-artist-s-mother-1867.jpg, Predicted: 8, Actual: 8, Confidence: 0.25

Image: Realism/ilya-repin_a-pushkin-on-the-act-in-the-lyceum-on-jan-8-1815-1911.jpg, Predicted: 8, Actual: 8, Confidence: 0.46

Image: Realism/ilya-repin_dancing-woman.jpg, Predicted: 8, Actual: 8, Confidence: 0.27

Image: Realism/ilya-repin_hopak-1927.jpg, Predicted: 11, Actual: 8, Confidence: 0.41

Image: Impressionism/ilya-repin_on-the-shore-of-the-gulf-of-finland-1903.jpg, Predicted: 4, Actual: 8, Confidence: 0.20

Image: Realism/ilya-repin_burlak-1-1870.jpg, Predicted: 22, Actual: 8, Confidence: 0.43

Image: Impressionism/ilya-repin_on-palace-square-in-st-petersburg-1905.jpg, Predicted: 1, Actual: 8, Confidence: 0.45

Image: Realism/ilya-repin_seamstress-1882.jpg, Predicted: 8, Actual: 8, Confidence: 0.47

Image: Realism/ilya-repin_woman-playing-with-umbrella-1874.jpg, Predicted: 1, Actual: 8, Confidence: 0.38

Image: Realism/ilya-repin_interior-etude-1883.jpg, Predicted: 8, Actual: 8, Confidence: 0.38

Image: Realism/ilya-repin_portrait-of-the-artist-a-p-bogolubov-1882.jpg, Predicted: 8, Actual: 8, Confidence: 0.42

Image: Realism/ilya-repin_cossack-in-the-steppe.jpg, Predicted: 3, Actual: 8, Confidence: 0.22

Image: Realism/ilya-repin_the-merchant-kalashnikov-1868.jpg, Predicted: 8, Actual: 8, Confidence: 0.36

Image: Realism/ilya-repin_street-of-the-snakes-in-seville-1883.jpg, Predicted: 16, Actual: 8, Confidence: 0.32

Image: Realism/ilya-repin_cossacks-on-the-black-sea-1908.jpg, Predicted: 3, Actual: 8, Confidence: 0.35

Image: Realism/ilya-repin_portrait-of-b-a-kaminka-1908.jpg, Predicted: 1, Actual: 8, Confidence: 0.38

Image: Realism/ilya-repin_portrait-of-maxim-gorky-1899.jpg, Predicted: 8, Actual: 8, Confidence: 0.49

Image: Realism/ilya-repin_nun-1887.jpg, Predicted: 15, Actual: 8, Confidence: 0.49

Image: Realism/ilya-repin_n-a-mudrogel-in-the-pose-of-pavel-tretyakov-in-halls-of-the-gallery-1904.jpg, Predicted: 2, Actual: 8, Confidence: 0.36

Image: Impressionism/edgar-degas_before-the-ballet-detail-1892-1.jpg, Predicted: 14, Actual: 5, Confidence: 0.46

Image: Impressionism/edgar-degas_portrait-of-josephine-gaujelin-1867.jpg, Predicted: 5, Actual: 5, Confidence: 0.25

Image: Impressionism/edgar-degas_head-of-a-young-roman-girl-1856.jpg, Predicted: 11, Actual: 5, Confidence: 0.42

Image: Impressionism/edgar-degas_head-of-a-young-woman-1867.jpg, Predicted: 17, Actual: 5, Confidence: 0.44

Image: Impressionism/edgar-degas_les-pointes-1878.jpg, Predicted: 17, Actual: 5, Confidence: 0.40

Image: Impressionism/edgar-degas_self-portrait-in-a-soft-hat-1858.jpg, Predicted: 5, Actual: 5, Confidence: 0.31

Image: Impressionism/edgar-degas_ludovic-halevy-speaking-with-madame-cardinal.jpg, Predicted: 4, Actual: 5, Confidence: 0.32

Image: Impressionism/edgar-degas_leaving-the-bath-1885-1.jpg, Predicted: 5, Actual: 5, Confidence: 0.27

Image: Impressionism/edgar-degas_the-bath-1.jpg, Predicted: 17, Actual: 5, Confidence: 0.42

Image: Impressionism/edgar-degas_general-mellinet-and-chief-rabbi-astruc-1871.jpg, Predicted: 8, Actual: 5, Confidence: 0.35

Image: Impressionism/edgar-degas_woman-ironing-1886.jpg, Predicted: 5, Actual: 5, Confidence: 0.49

Image: Impressionism/edgar-degas_woman-brushing-her-hair-1.jpg, Predicted: 19, Actual: 5, Confidence: 0.36

Image: Impressionism/edgar-degas_retiring-1883.jpg, Predicted: 5, Actual: 5, Confidence: 0.40

Image: Impressionism/edgar-degas_portrait-of-mary-cassatt.jpg, Predicted: 5, Actual: 5, Confidence: 0.49

Image: Impressionism/edgar-degas_three-ballet-dancers-1879.jpg, Predicted: 21, Actual: 5, Confidence: 0.21

Image: Impressionism/edgar-degas_the-bath-1890.jpg, Predicted: 18, Actual: 5, Confidence: 0.50

Image: Impressionism/edgar-degas_make-an-attempt-second-version-1877.jpg, Predicted: 12, Actual: 5, Confidence: 0.30

Image: Impressionism/edgar-degas_beach-with-sailing-boats.jpg, Predicted: 4, Actual: 5, Confidence: 0.29

Image: Impressionism/edgar-degas_the-duchess-de-montejasi-and-her-daughters-elena-and-camilla.jpg, Predicted: 5, Actual: 5, Confidence: 0.27

Image: Impressionism/edgar-degas_woman-with-an-umbrella.jpg, Predicted: 17, Actual: 5, Confidence: 0.21

Image: Impressionism/edgar-degas_the-festival-of-the-owner-1877.jpg, Predicted: 17, Actual: 5, Confidence: 0.50

Image: Impressionism/edgar-degas_the-start-of-the-hunt.jpg, Predicted: 5, Actual: 5, Confidence: 0.50

Image: Impressionism/edgar-degas_degas-father-listening-to-lorenzo-pagans-1870.jpg, Predicted: 5, Actual: 5, Confidence: 0.41

Image: Impressionism/edgar-degas_two-dancers-2.jpg, Predicted: 5, Actual: 5, Confidence: 0.47

Image: Impressionism/edgar-degas_promenade-by-the-sea.jpg, Predicted: 2, Actual: 5, Confidence: 0.38

Image: Impressionism/edgar-degas_a-woman-seated-beside-a-vase-of-flowers-1865.jpg, Predicted: 2, Actual: 5, Confidence: 0.26

Image: Post_Impressionism/pyotr-konchalovsky_oak-grove-illuminated-by-the-sun-1920.jpg, Predicted: 11, Actual: 18, Confidence: 0.49

Image: Post_Impressionism/pyotr-konchalovsky_spain-kaldetes-oliva-1910.jpg, Predicted: 13, Actual: 18, Confidence: 0.39

Image: Realism/pyotr-konchalovsky_daisies-1935-1.jpg, Predicted: 0, Actual: 18, Confidence: 0.44

Image: Realism/pyotr-konchalovsky_dobroye-the-bridge-1931.jpg, Predicted: 22, Actual: 18, Confidence: 0.25

Image: Post_Impressionism/pyotr-konchalovsky_fisherman-s-landscape.jpg, Predicted: 4, Actual: 18, Confidence: 0.47

Image: Realism/pyotr-konchalovsky_children-in-the-park-1940.jpg, Predicted: 4, Actual: 18, Confidence: 0.34

Image: Realism/pyotr-konchalovsky_pushkin-at-the-mikhailovsky.jpg, Predicted: 8, Actual: 18, Confidence: 0.47

Image: Expressionism/pyotr-konchalovsky_family-portrait-against-chinese-panel-1911.jpg, Predicted: 18, Actual: 18, Confidence: 0.34

Image: Expressionism/pyotr-konchalovsky_siena-the-square-1912.jpg, Predicted: 18, Actual: 18, Confidence: 0.36

Image: Realism/pyotr-konchalovsky_still-life-with-cabbage-1937.jpg, Predicted: 17, Actual: 18, Confidence: 0.48

Image: Realism/pyotr-konchalovsky_spring-landscape-with-train-1931.jpg, Predicted: 8, Actual: 18, Confidence: 0.31

Image: Post_Impressionism/pyotr-konchalovsky_portrait-of-zinaida-kozhukhovskaya-1906.jpg, Predicted: 8, Actual: 18, Confidence: 0.34

Image: Realism/pyotr-konchalovsky_lilacs-1.jpg, Predicted: 4, Actual: 18, Confidence: 0.41

Image: Realism/pyotr-konchalovsky_katya-by-the-window-1935.jpg, Predicted: 1, Actual: 18, Confidence: 0.43

Image: Realism/pyotr-konchalovsky_alder-against-the-sun-1932.jpg, Predicted: 17, Actual: 18, Confidence: 0.35

Image: Art_Nouveau_Modern/pyotr-konchalovsky_costume-design-for-the-opera-don-giovanni-by-wolfgang-amadeus-mozart-don-giovanni-1913.jpg, Predicted: 14,

Actual: 18, Confidence: 0.37
Image: Post_Impressionism/pyotr-konchalovsky_veliky-novgorod-1926-1.jpg,
Predicted: 16, Actual: 18, Confidence: 0.45
Image: Cubism/pyotr-konchalovsky_landscape-1912.jpg, Predicted: 16, Actual: 18,
Confidence: 0.32
Image: Realism/pyotr-konchalovsky_self-portrait-in-yellow-shirt-1943.jpg,
Predicted: 2, Actual: 18, Confidence: 0.45
Image: Fauvism/pyotr-konchalovsky_still-life-with-red-gladioli-1915.jpg,
Predicted: 13, Actual: 18, Confidence: 0.38
Image: Post_Impressionism/pyotr-konchalovsky_seated-nude.jpg, Predicted: 11,
Actual: 18, Confidence: 0.44
Image: Cubism/pyotr-konchalovsky_agave-1916.jpg, Predicted: 18, Actual: 18,
Confidence: 0.45
Image: Realism/pyotr-konchalovsky_blue-vase-1949.jpg, Predicted: 1, Actual: 18,
Confidence: 0.24
Image: Impressionism/pyotr-konchalovsky_belkino-garden-1907-1.jpg, Predicted: 3,
Actual: 18, Confidence: 0.49
Image: Expressionism/pyotr-konchalovsky_house-in-abramtsevo-1911.jpg, Predicted:
22, Actual: 18, Confidence: 0.27
Image: Cubism/pyotr-konchalovsky_abramtsevo-the-trees-1920.jpg, Predicted: 13,
Actual: 18, Confidence: 0.46
Image: Post_Impressionism/pyotr-konchalovsky_spinner-drawing-for-the-painting-
spinner-1926.jpg, Predicted: 22, Actual: 18, Confidence: 0.46
Image: Post_Impressionism/pyotr-konchalovsky_gardener-1908.jpg, Predicted: 22,
Actual: 18, Confidence: 0.40
Image: Post_Impressionism/pablo-picasso_pierrot-and-colombina-1900.jpg,
Predicted: 5, Actual: 15, Confidence: 0.36
Image: Post_Impressionism/pablo-picasso_a-boat-on-the-canal-1905.jpg, Predicted:
11, Actual: 15, Confidence: 0.23
Image: Post_Impressionism/pablo-picasso_the-three-dutchwoman-1905.jpg,
Predicted: 8, Actual: 15, Confidence: 0.32
Image: Naive_Art_Primitivism/pablo-picasso_las-meninas-velazquez-1957-3.jpg,
Predicted: 15, Actual: 15, Confidence: 0.48
Image: Expressionism/pablo-picasso_head-of-a-woman-with-green-curls-1946.jpg,
Predicted: 13, Actual: 15, Confidence: 0.44
Image: Analytical_Cubism/pablo-picasso_still-life-with-bottle-of-anis-del-
mono-1909.jpg, Predicted: 16, Actual: 15, Confidence: 0.40
Image: Cubism/pablo-picasso_bull-study-1946.jpg, Predicted: 14, Actual: 15,
Confidence: 0.40
Image: Pointillism/pablo-picasso_the-happy-family.jpg, Predicted: 2, Actual: 15,
Confidence: 0.49
Image: Impressionism/pablo-picasso_head-of-woman-1901.jpg, Predicted: 17,
Actual: 15, Confidence: 0.28
Image: Post_Impressionism/pablo-picasso_mother-and-child-1905.jpg, Predicted:
15, Actual: 15, Confidence: 0.37
Image: Naive_Art_Primitivism/pablo-picasso_dancer-1954.jpg, Predicted: 21,
Actual: 15, Confidence: 0.45
Image: Realism/pablo-picasso_dutch-girl-1905.jpg, Predicted: 5, Actual: 15,

Confidence: 0.50

Image: Symbolism/pablo-picasso_madonna-with-garland-1904.jpg, Predicted: 12, Actual: 15, Confidence: 0.47

Image: Post_Impressionism/pablo-picasso_pierreuse-with-her-hand-on-her-shoulder-1901.jpg, Predicted: 17, Actual: 15, Confidence: 0.33

Image: Expressionism/pablo-picasso_naked-woman-with-dripping-hair-1902.jpg, Predicted: 15, Actual: 15, Confidence: 0.32

Image: Symbolism/pablo-picasso_crouching-woman-1902.jpg, Predicted: 12, Actual: 15, Confidence: 0.36

Image: Post_Impressionism/pablo-picasso_woman-with-blue-hat-1901.jpg, Predicted: 5, Actual: 15, Confidence: 0.47

Image: Expressionism/pablo-picasso_studio-pigeons-perch-1960.jpg, Predicted: 15, Actual: 15, Confidence: 0.42

Image: Post_Impressionism/pablo-picasso_still-life-with-vases-1906.jpg, Predicted: 22, Actual: 15, Confidence: 0.29

Image: Post_Impressionism/pablo-picasso_harlequin-s-head-1905.jpg, Predicted: 15, Actual: 15, Confidence: 0.37

Image: Expressionism/pablo-picasso_self-portrait-1901.jpg, Predicted: 15, Actual: 15, Confidence: 0.21

Image: Expressionism/pablo-picasso_niko-pirosmani-1972(1).jpg, Predicted: 21, Actual: 15, Confidence: 0.29

Image: Impressionism/pablo-picasso_view-of-the-port-of-valencia.jpg, Predicted: 22, Actual: 15, Confidence: 0.44

Image: Post_Impressionism/pablo-picasso_boy-with-bouquet-of-flowers-in-his-hand-1905.jpg, Predicted: 17, Actual: 15, Confidence: 0.48

Image: Expressionism/pablo-picasso_fernande-s-head-1906.jpg, Predicted: 15, Actual: 15, Confidence: 0.46

Image: Expressionism/pablo-picasso_minotaur-with-dead-horse-in-front-of-a-cave-facing-a-girl-in-veil-1936.jpg, Predicted: 21, Actual: 15, Confidence: 0.50

Image: Post_Impressionism/pablo-picasso_woman-on-a-donkey-1906.jpg, Predicted: 15, Actual: 15, Confidence: 0.39

Image: Naive_Art_Primitivism/pablo-picasso_a-horsewoman-1905.jpg, Predicted: 2, Actual: 15, Confidence: 0.40

Image: Expressionism/pablo-picasso_artist-s-son-1925.jpg, Predicted: 15, Actual: 15, Confidence: 0.39

Image: Expressionism/pablo-picasso_untitled-1971-1.jpg, Predicted: 0, Actual: 15, Confidence: 0.46

Image: Expressionism/pablo-picasso_madame-soler-1905.jpg, Predicted: 21, Actual: 15, Confidence: 0.29

Image: Realism/pablo-picasso_the-old-fisherman-1895.jpg, Predicted: 8, Actual: 15, Confidence: 0.34

Image: Naive_Art_Primitivism/pablo-picasso_the-eight-names-of-picasso-1970.jpg, Predicted: 0, Actual: 15, Confidence: 0.32

Image: Expressionism/pablo-picasso_untitled-1958-1.jpg, Predicted: 15, Actual: 15, Confidence: 0.46

Outlier detection accuracy by confidence: 0.70

Embedding-based outliers:

Image: Northern_Renaissance/albrecht-durer_landsknecht.jpg, Predicted: 0,

Actual: 0
 Image: Northern_Renaissance/albrecht-durer_the-piece-of-turf-with-the-columbine.jpg, Predicted: 10, Actual: 0
 Image: Northern_Renaissance/albrecht-durer_study-sheets-with-children-s-heads.jpg, Predicted: 0, Actual: 0
 Image: Realism/ivan-shishkin_pines-1895.jpg, Predicted: 10, Actual: 10
 Image: Realism/ivan-shishkin_part-of-the-trunk-of-a-pine-mary-howe-1890.jpg, Predicted: 10, Actual: 10
 Image: Northern_Renaissance/albrecht-durer_st-catherine.jpg, Predicted: 0, Actual: 0
 Image: Northern_Renaissance/albrecht-durer_st-magdalena.jpg, Predicted: 0, Actual: 0
 Image: Northern_Renaissance/albrecht-durer_virgin-mary-suckling-the-christ-child-1512.jpg, Predicted: 0, Actual: 0
 Image: Northern_Renaissance/albrecht-durer_study-of-a-christ-on-the-mount-of-olives.jpg, Predicted: 0, Actual: 0
 Image: Northern_Renaissance/albrecht-durer_annunciation.jpg, Predicted: 0, Actual: 0
 Outlier detection accuracy by embeddings: 0.10

0.6 Statistical outlier detection based on mahalanobis_distance

```
[ ]: import numpy as np

# Compute mean and covariance matrix for embeddings
mean_vec = np.mean(all_embeddings, axis=0)
cov_matrix = np.cov(all_embeddings, rowvar=False)
inv_cov_matrix = np.linalg.inv(cov_matrix)

def mahalanobis_distance(x, mean, inv_cov):
    delta = x - mean
    return np.sqrt(np.dot(np.dot(delta, inv_cov), delta.T))

# Calculate distances
distances = np.array([mahalanobis_distance(emb, mean_vec, inv_cov_matrix) for
    ↪ emb in all_embeddings])
# Set a threshold
threshold_distance = np.percentile(distances, 95)
mahalanobis_outliers = [all_image_paths[i] for i, d in enumerate(distances) if
    ↪ d > threshold_distance]

outlier_accuracy = 0
for path in mahalanobis_outliers:
    outlier_accuracy += 1 if predictions[all_image_paths.index(path)] !=
    ↪ all_labels[all_image_paths.index(path)].argmax() else 0
    print(f"Outlier: {path} predicted as {predictions[all_image_paths.
    ↪ index(path)]}, actual {all_labels[all_image_paths.index(path)].argmax()}")
```

```
print(f"Outlier accuracy: {outlier_accuracy / len(mahalanobis_outliers):.2f}")
```

Outlier: Impressionism/claude-monet_the-undergrowth-in-the-forest-of-saint-germain.jpg predicted as 4, actual 4
Outlier: Impressionism/claude-monet_the-rue-montargueil-with-flags.jpg predicted as 4, actual 4
Outlier: Impressionism/claude-monet_storm-off-the-coast-of-belle-ile-1886.jpg predicted as 4, actual 4
Outlier: Impressionism/claude-monet_palazzo-dario-4.jpg predicted as 3, actual 4
Outlier: Impressionism/claude-monet_burgo-marina-at-bordighera.jpg predicted as 4, actual 4
Outlier: Impressionism/claude-monet_the-japanese-bridge-the-bridge-over-the-water-lily-pond.jpg predicted as 4, actual 4
Outlier: Impressionism/claude-monet_water-lilies-19.jpg predicted as 4, actual 4
Outlier: Impressionism/claude-monet_madame-monet-and-child.jpg predicted as 4, actual 4
Outlier: Impressionism/claude-monet_the-artist-s-house-view-from-the-rose-garden-1924.jpg predicted as 4, actual 4
Outlier: Impressionism/claude-monet_stilll-life-with-anemones.jpg predicted as 17, actual 4
Outlier: Impressionism/claude-monet_at-cap-d-antibes-mistral-wind.jpg predicted as 4, actual 4
Outlier: Impressionism/claude-monet_juan-les-pins.jpg predicted as 4, actual 4
Outlier: Impressionism/claude-monet_irises-2-1917.jpg predicted as 4, actual 4
Outlier: Impressionism/claude-monet_vase-of-peonies.jpg predicted as 4, actual 4
Outlier: Impressionism/claude-monet_water-lilies-1899.jpg predicted as 4, actual 4
Outlier: Impressionism/claude-monet_red-azaleas-in-a-pot.jpg predicted as 4, actual 4
Outlier: Impressionism/claude-monet_lunch-under-the-canopy.jpg predicted as 22, actual 4
Outlier: Impressionism/childe-hassam_against-the-light.jpg predicted as 5, actual 3
Outlier: Impressionism/childe-hassam_the-gorge-appledore.jpg predicted as 13, actual 3
Outlier: Impressionism/childe-hassam_july-fourteenth-rue-daunou.jpg predicted as 3, actual 3
Outlier: Post_Impressionism/vincent-van-gogh_wheat-field-with-cornflowers-1890.jpg predicted as 22, actual 22
Outlier: Post_Impressionism/vincent-van-gogh_cypresses-1889(1).jpg predicted as 22, actual 22
Outlier: Realism/vincent-van-gogh_seated-nude-after-bargues-1890.jpg predicted as 15, actual 22
Outlier: Post_Impressionism/vincent-van-gogh_pine-trees-with-figure-in-the-garden-of-saint-paul-hospital-1889.jpg predicted as 22, actual 22
Outlier: Post_Impressionism/vincent-van-gogh_view-from-vincent-s-room-in-the-

rue-lepic-1887.jpg predicted as 2, actual 22
 Outlier: Realism/vincent-van-gogh_dying-slave-and-figures-at-a-table-1887(1).jpg
 predicted as 22, actual 22
 Outlier: Post_Impressionism/vincent-van-gogh_bridges-across-the-seine-at-
 asnieres-1887(1).jpg predicted as 22, actual 22
 Outlier: Post_Impressionism/vincent-van-gogh_mulberry-tree-1889.jpg predicted as
 22, actual 22
 Outlier: Post_Impressionism/vincent-van-gogh_the-roubine-du-roi-canal-with-
 washerwomen-1888.jpg predicted as 22, actual 22
 Outlier: Post_Impressionism/vincent-van-gogh_landscape-in-the-rain-1890.jpg
 predicted as 22, actual 22
 Outlier: Post_Impressionism/vincent-van-gogh_mother-roulin-with-her-
 baby-1888-1.jpg predicted as 15, actual 22
 Outlier: Realism/vincent-van-gogh_austin-friars-church-london(1).jpg predicted
 as 22, actual 22
 Outlier: Post_Impressionism/vincent-van-gogh_clumps-of-grass-1889(1).jpg
 predicted as 22, actual 22
 Outlier: Post_Impressionism/vincent-van-gogh_trees-and-shrubs-1889-1.jpg
 predicted as 22, actual 22
 Outlier: Post_Impressionism/vincent-van-gogh_still-life-with-basket-and-six-
 oranges-1888.jpg predicted as 22, actual 22
 Outlier: Post_Impressionism/vincent-van-gogh_italian-woman-agostina-
 segatori-1887.jpg predicted as 22, actual 22
 Outlier: Post_Impressionism/vincent-van-gogh_vase-with-white-and-red-
 carnations-1887.jpg predicted as 22, actual 22
 Outlier: Post_Impressionism/vincent-van-gogh_a-pair-of-shoes-1887(1).jpg
 predicted as 18, actual 22
 Outlier: Post_Impressionism/vincent-van-gogh_still-life-vase-with-cornflowers-
 and-poppies-1887.jpg predicted as 22, actual 22
 Outlier: Post_Impressionism/vincent-van-gogh_the-banks-of-the-seine-with-
 boats-1887.jpg predicted as 4, actual 22
 Outlier: Post_Impressionism/vincent-van-gogh_a-woman-s-legs(1).jpg predicted as
 22, actual 22
 Outlier: Realism/vincent-van-gogh_peasant-with-walking-stick-and-little-sketch-
 of-the-same-figure-1885.jpg predicted as 22, actual 22
 Outlier: Post_Impressionism/vincent-van-gogh_self-portrait-with-a-grey-felt-
 hat-1887.jpg predicted as 22, actual 22
 Outlier: Post_Impressionism/vincent-van-gogh_couple-arm-in-arm-and-other-
 figures-with-a-windmill-in-the-background-1890(1).jpg predicted as 22, actual 22
 Outlier: Post_Impressionism/vincent-van-gogh_cypresses(1).jpg predicted as 22,
 actual 22
 Outlier: Post_Impressionism/vincent-van-gogh_sheet-with-sketches-of-
 peasants-1890.jpg predicted as 22, actual 22
 Outlier: Realism/vincent-van-gogh_weaver-facing-right-interior-with-one-window-
 and-high-chair-1884.jpg predicted as 22, actual 22
 Outlier: Post_Impressionism/vincent-van-gogh_pieta-1889.jpg predicted as 22,
 actual 22
 Outlier: Impressionism/camille-pissarro_peasants-harvesting-potatoes-1882.jpg

predicted as 2, actual 2
 Outlier: Impressionism/camille-pissarro_harvesting-potatos.jpg predicted as 17, actual 2
 Outlier: Impressionism/camille-pissarro_eugene-murer-at-his-pastry-oven-1877.jpg predicted as 17, actual 2
 Outlier: Impressionism/camille-pissarro_peasants-gathering-grass-1883.jpg predicted as 2, actual 2
 Outlier: Impressionism/camille-pissarro_poultry-market-pontoise-1892.jpg predicted as 2, actual 2
 Outlier: Romanticism/gustave-dore_the-sultana-chegger-eddour-and-the-emir-saif-eddin.jpg predicted as 22, actual 7
 Outlier: Romanticism/gustave-dore_don-quixote-92.jpg predicted as 7, actual 7
 Outlier: Romanticism/gustave-dore_the-lost-cow-1852.jpg predicted as 8, actual 7
 Outlier: Art_Nouveau_Modern/raphael-kirchner_greek-girls-4.jpg predicted as 22, actual 19
 Outlier: Art_Nouveau_Modern/raphael-kirchner_erika.jpg predicted as 19, actual 19
 Outlier: Art_Nouveau_Modern/raphael-kirchner_the-players-pastel-on-paper.jpg predicted as 21, actual 19
 Outlier: Art_Nouveau_Modern/raphael-kirchner_temptation.jpg predicted as 19, actual 19
 Outlier: Art_Nouveau_Modern/raphael-kirchner_christmas-pictures-2.jpg predicted as 19, actual 19
 Outlier: Art_Nouveau_Modern/raphael-kirchner_europe-s-princes.jpg predicted as 19, actual 19
 Outlier: Art_Nouveau_Modern/raphael-kirchner_santoy-1900-1.jpg predicted as 19, actual 19
 Outlier: Art_Nouveau_Modern/raphael-kirchner_christmas-pictures.jpg predicted as 19, actual 19
 Outlier: Expressionism/salvador-dali_untitled-after-the-night-by-michelangelo.jpg predicted as 15, actual 21
 Outlier: Naive_Art_Primitivism/salvador-dali_decalcomania.jpg predicted as 21, actual 21
 Outlier: Expressionism/salvador-dali_scene-in-the-courtyard-of-the-escorial-with-a-figure-in-the-foreground-inspired-by-michelangelo.jpg predicted as 21, actual 21
 Outlier: Post_Impressionism/salvador-dali_still-life-by-a-window.jpg predicted as 22, actual 21
 Outlier: Symbolism/salvador-dali_iesus-super-mare-ambulans-matthew-14-26-1964.jpg predicted as 21, actual 21
 Outlier: Realism/salvador-dali_mystical-carnation-1951.jpg predicted as 22, actual 21
 Outlier: Post_Impressionism/salvador-dali_landscape-near-cadaques-1921.jpg predicted as 4, actual 21
 Outlier: Realism/salvador-dali_portrait-of-mrs-fagen.jpg predicted as 14, actual 21
 Outlier: Post_Impressionism/salvador-dali_portdogue-1919.jpg predicted as 14, actual 21

Outlier: Post_Impressionism/salvador-dali_noon-barracks-of-port-lligat-1956.jpg predicted as 4, actual 21

Outlier: Naive_Art_Primitivism/marc-chagall_paradise-1960-1.jpg predicted as 12, actual 12

Outlier: Naive_Art_Primitivism/marc-chagall_miriam-sister-of-moses-dances-with-her-friends-to-celebrate-the-deliverance-of-israel-exodus-xv.jpg predicted as 22, actual 12

Outlier: Naive_Art_Primitivism/marc-chagall_lilacs-1980.jpg predicted as 12, actual 12

Outlier: Naive_Art_Primitivism/marc-chagall_the-avenue-of-opera-1969.jpg predicted as 12, actual 12

Outlier: Naive_Art_Primitivism/marc-chagall_moses-receiving-the-tablets-of-the-law-from-god-on-mount-sinai-exodus-xxiv-15-18.jpg predicted as 0, actual 12

Outlier: Cubism/marc-chagall_self-portrait-with-muse-dream-1918.jpg predicted as 11, actual 12

Outlier: Naive_Art_Primitivism/marc-chagall_moses-receiving-the-tablets-of-law-6.jpg predicted as 12, actual 12

Outlier: Naive_Art_Primitivism/marc-chagall_praying-1983.jpg predicted as 22, actual 12

Outlier: Naive_Art_Primitivism/marc-chagall_study-to-vitrage-at-tudeley-all-saints-church-1975-1.jpg predicted as 12, actual 12

Outlier: Naive_Art_Primitivism/marc-chagall_king-david-1974-1.jpg predicted as 12, actual 12

Outlier: Naive_Art_Primitivism/marc-chagall_the-sacrifice-of-isaac-1966.jpg predicted as 18, actual 12

Outlier: Naive_Art_Primitivism/marc-chagall_vitrage-at-art-institute-of-chicago-1976-1.jpg predicted as 12, actual 12

Outlier: Naive_Art_Primitivism/marc-chagall_ceiling-of-paris-opera-house-1964.jpg predicted as 12, actual 12

Outlier: Naive_Art_Primitivism/marc-chagall_illustration-for-louis-aragon-s-work-one-who-says-things-without-saying-anything-1976-22.jpg predicted as 12, actual 12

Outlier: Naive_Art_Primitivism/marc-chagall_drawing-by-marc-chagall-for-vladimir-mayakovsky-s-70th-birthday-1963.jpg predicted as 12, actual 12

Outlier: Naive_Art_Primitivism/marc-chagall_spring-1938.jpg predicted as 12, actual 12

Outlier: Naive_Art_Primitivism/marc-chagall_gobelin-above-the-entrance-of-the-museum-message-biblique-marc-chagall-1971.jpg predicted as 12, actual 12

Outlier: Naive_Art_Primitivism/marc-chagall_ruth-at-the-feet-of-boaz-1960.jpg predicted as 12, actual 12

Outlier: Naive_Art_Primitivism/marc-chagall_study-to-striking-rock-2.jpg predicted as 12, actual 12

Outlier: Naive_Art_Primitivism/marc-chagall_the-creation-of-man-1.jpg predicted as 20, actual 12

Outlier: Naive_Art_Primitivism/marc-chagall_tree-of-jesse-1975.jpg predicted as 12, actual 12

Outlier: Naive_Art_Primitivism/marc-chagall_the-blue-face-1967.jpg predicted as 21, actual 12

Outlier: Naive_Art_Primitivism/marc-chagall_bushes-and-birds-sketch-to-vitrage-in-chapelle-des-cordeliers-in-sarrebours-1976.jpg predicted as 13, actual 12

Outlier: Expressionism/marc-chagall_lisa-with-a-mandolin-1914.jpg predicted as 12, actual 12

Outlier: Naive_Art_Primitivism/marc-chagall_joseph-a-shepherd-1931.jpg predicted as 17, actual 12

Outlier: Naive_Art_Primitivism/marc-chagall_god-turns-moses-staff-into-a-serpent-1966.jpg predicted as 18, actual 12

Outlier: Naive_Art_Primitivism/marc-chagall_abraham-and-isaac-on-the-way-to-the-place-of-sacrifice.jpg predicted as 17, actual 12

Outlier: Naive_Art_Primitivism/marc-chagall_laid-table-with-view-of-saint-paul-de-vance-1968.jpg predicted as 18, actual 12

Outlier: Naive_Art_Primitivism/marc-chagall_consecration-of-aaron-and-his-son-1965.jpg predicted as 12, actual 12

Outlier: Naive_Art_Primitivism/marc-chagall_musicians-1979.jpg predicted as 12, actual 12

Outlier: Naive_Art_Primitivism/marc-chagall_vitrage-at-art-institute-of-chicago-1976.jpg predicted as 12, actual 12

Outlier: Naive_Art_Primitivism/marc-chagall_illustration-for-louis-aragon-s-work-one-who-says-things-without-saying-anything-1976-4.jpg predicted as 12, actual 12

Outlier: Naive_Art_Primitivism/marc-chagall_moses-called-the-elders-and-presents-tablets-of-law-1966.jpg predicted as 12, actual 12

Outlier: Naive_Art_Primitivism/marc-chagall_tree-of-life-sketch-to-vitrage-in-chapelle-des-cordeliers-in-sarrebours-1974.jpg predicted as 13, actual 12

Outlier: Naive_Art_Primitivism/marc-chagall_multicolor-clown-1974.jpg predicted as 12, actual 12

Outlier: Expressionism/martiros-saryan_still-life-1961.jpg predicted as 14, actual 13

Outlier: Fauvism/martiros-saryan_fruits-1916.jpg predicted as 16, actual 13

Outlier: Expressionism/martiros-saryan_portrait-of-s-shervinsky-1939.jpg predicted as 13, actual 13

Outlier: Naive_Art_Primitivism/martiros-saryan_illustration-to-armenian-folk-tales-1937-3.jpg predicted as 14, actual 13

Outlier: Expressionism/martiros-saryan_portrait-1935.jpg predicted as 18, actual 13

Outlier: Expressionism/martiros-saryan_poet-1907.jpg predicted as 13, actual 13

Outlier: Expressionism/martiros-saryan_sketch-of-book-cover-martiros-saryan-1935-1.jpg predicted as 22, actual 13

Outlier: Expressionism/martiros-saryan_a-street-constantinople-1910-2.jpg predicted as 18, actual 13

Outlier: Expressionism/martiros-saryan_picking-cotton-in-the-ararat-valley-1949.jpg predicted as 18, actual 13

Outlier: Expressionism/martiros-saryan_holiday-under-the-tree.jpg predicted as 14, actual 13

Outlier: Symbolism/martiros-saryan_armenia-1970.jpg predicted as 14, actual 13

Outlier: Realism/martiros-saryan_still-life-1959.jpg predicted as 18, actual 13

Outlier: Expressionism/martiros-saryan_aragats-1929.jpg predicted as 13, actual

13

Outlier: Expressionism/martiros-saryan_willow-tree-and-herd-1925.jpg predicted as 13, actual 13

Outlier: Symbolism/martiros-saryan_armenia-1923-1.jpg predicted as 13, actual 13

Outlier: Realism/martiros-saryan_cover-of-book-of-fairy-tales-by-hovhannestumanyan-1930.jpg predicted as 13, actual 13

Outlier: Symbolism/martiros-saryan_king-with-daughter-1904.jpg predicted as 1, actual 13

Outlier: Expressionism/martiros-saryan_worker-s-settlement-and-concrete-plant-davalu-ararat-region-1937.jpg predicted as 13, actual 13

Outlier: Realism/john-singer-sargent_pomegranates-1908-1.jpg predicted as 22, actual 11

Outlier: Realism/john-singer-sargent_muddy-alligators-1917.jpg predicted as 18, actual 11

Outlier: Impressionism/john-singer-sargent_the-brook-1907.jpg predicted as 11, actual 11

Outlier: Impressionism/john-singer-sargent_la-biancheria-1910.jpg predicted as 11, actual 11

Outlier: Realism/john-singer-sargent_a-mosque-cairo-1891.jpg predicted as 22, actual 11

Outlier: Impressionism/john-singer-sargent_on-the-verandah-ironbound-island-maine.jpg predicted as 3, actual 11

Outlier: Impressionism/john-singer-sargent_boy-on-a-rock.jpg predicted as 11, actual 11

Outlier: Impressionism/john-singer-sargent_simplon-pass-reading-1911.jpg predicted as 11, actual 11

Outlier: Impressionism/john-singer-sargent_palms-1917.jpg predicted as 18, actual 11

Outlier: Impressionism/john-singer-sargent_bedouin-women-carrying-water-jars-1891.jpg predicted as 15, actual 11

Outlier: Impressionism/john-singer-sargent_a-garden-in-corfu-1909.jpg predicted as 3, actual 11

Outlier: Realism/john-singer-sargent_portrait-of-sir-max-michaelis-1925.jpg predicted as 8, actual 11

Outlier: Impressionism/john-singer-sargent_dolce-far-niente.jpg predicted as 11, actual 11

Outlier: Impressionism/john-singer-sargent_palmettos-1917.jpg predicted as 22, actual 11

Outlier: Impressionism/john-singer-sargent_mountain-stream.jpg predicted as 11, actual 11

Outlier: Impressionism/john-singer-sargent_the-lake-of-tiberias.jpg predicted as 11, actual 11

Outlier: Realism/john-singer-sargent_madame-errazuriz.jpg predicted as 22, actual 11

Outlier: Symbolism/nicholas-roerich_sketch-for-tale-of-tsar-saltan-1919.jpg predicted as 14, actual 14

Outlier: Symbolism/nicholas-roerich_study-of-clouds.jpg predicted as 4, actual 14

Outlier: Symbolism/nicholas-roerich_pass.jpg predicted as 18, actual 14
 Outlier: Art_Nouveau_Modern/nicholas-roerich_a-path-1908.jpg predicted as 22, actual 14
 Outlier: Realism/nicholas-roerich_hellas-1893.jpg predicted as 17, actual 14
 Outlier: Realism/nicholas-roerich_pen-drawing-of-two-idols-in-his-letter-to-v-stasov-1901.jpg predicted as 22, actual 14
 Outlier: Symbolism/nicholas-roerich_monhigan-dreaminess-1922.jpg predicted as 14, actual 14
 Outlier: Art_Nouveau_Modern/nicholas-roerich_maleine-s-room-1913-1.jpg predicted as 14, actual 14
 Outlier: Art_Nouveau_Modern/nicholas-roerich_northern-landscape-with-fortress.jpg predicted as 14, actual 14
 Outlier: Symbolism/nicholas-roerich_terem-of-yaroslavna-1908.jpg predicted as 14, actual 14
 Outlier: Art_Nouveau_Modern/nicholas-roerich_sign-1915.jpg predicted as 14, actual 14
 Outlier: Symbolism/nicholas-roerich_karelian-study-1918-1.jpg predicted as 14, actual 14
 Outlier: Art_Nouveau_Modern/nicholas-roerich_kostroma-romanov-boyars-tower-1903.jpg predicted as 14, actual 14
 Outlier: Symbolism/nicholas-roerich_the-pact-of-culture-study-1931.jpg predicted as 14, actual 14
 Outlier: Symbolism/nicholas-roerich_tibetian-way-1931-1.jpg predicted as 14, actual 14
 Outlier: Art_Nouveau_Modern/nicholas-roerich_vignette-for-book-n-k-roerich-1918-4.jpg predicted as 1, actual 14
 Outlier: Symbolism/nicholas-roerich_stupa-near-sharugen-1928.jpg predicted as 14, actual 14
 Outlier: Symbolism/nicholas-roerich_message-from-shambhala-arrow-letter-1946.jpg predicted as 14, actual 14
 Outlier: Realism/boris-kustodiev_portrait-of-a-peasant-kotov.jpg predicted as 19, actual 1
 Outlier: Naive_Art_Primitivism/boris-kustodiev_easter-procession-1915-1.jpg predicted as 1, actual 1
 Outlier: Art_Nouveau_Modern/boris-kustodiev_a-young-merchant-s-wife-in-the-a-checkered-scarf-1919.jpg predicted as 2, actual 1
 Outlier: Art_Nouveau_Modern/boris-kustodiev_under-honey-s-harmonica-1927.jpg predicted as 1, actual 1
 Outlier: Art_Nouveau_Modern/boris-kustodiev_merchant-s-wife-on-the-promenade-1920.jpg predicted as 1, actual 1
 Outlier: Art_Nouveau_Modern/boris-kustodiev_street-of-a-provincial-town-1917.jpg predicted as 13, actual 1
 Outlier: Art_Nouveau_Modern/boris-kustodiev_bather-seated-on-the-shore-1926.jpg predicted as 13, actual 1
 Outlier: Realism/boris-kustodiev_portrait-of-m-v-chaliapina-1919.jpg predicted as 1, actual 1
 Outlier: Realism/boris-kustodiev_visit-to-general-1905.jpg predicted as 5, actual 1

Outlier: Art_Nouveau_Modern/boris-kustodiev_palm-market-with-spasky-gate-1917.jpg predicted as 18, actual 1
 Outlier: Realism/boris-kustodiev_portrait-of-konstantin-somov-1914.jpg predicted as 1, actual 1
 Outlier: Art_Nouveau_Modern/boris-kustodiev_bather-1922.jpg predicted as 1, actual 1
 Outlier: Realism/boris-kustodiev_merchaht-s-wifes-on-the-volga-1917.jpg predicted as 1, actual 1
 Outlier: Post_Impressionism/paul-cezanne_mont-sainte-victoire-1902.jpg predicted as 18, actual 16
 Outlier: Romanticism/paul-cezanne_paul-alexis-reading-at-zola-s-house-1870.jpg predicted as 11, actual 16
 Outlier: Cubism/paul-cezanne_bathers-mont-sainte-victoire-in-the-background.jpg predicted as 16, actual 16
 Outlier: Romanticism/paul-cezanne_interior-with-two-women-and-a-child.jpg predicted as 22, actual 16
 Outlier: Impressionism/paul-cezanne_couple-in-a-garden.jpg predicted as 16, actual 16
 Outlier: Impressionism/pierre-auguste-renoir_roses-by-the-window.jpg predicted as 17, actual 17
 Outlier: Impressionism/pierre-auguste-renoir_bouquet-of-roses-1.jpg predicted as 17, actual 17
 Outlier: Impressionism/pierre-auguste-renoir_landscape-10.jpg predicted as 17, actual 17
 Outlier: Impressionism/pierre-auguste-renoir_portrait-of-charles-and-georges-durand-ruel-1882.jpg predicted as 17, actual 17
 Outlier: Impressionism/pierre-auguste-renoir_party-in-the-country-at-berneval-1898.jpg predicted as 17, actual 17
 Outlier: Impressionism/pierre-auguste-renoir_rural-scene.jpg predicted as 17, actual 17
 Outlier: Impressionism/pierre-auguste-renoir_geraniums-and-cats-1881.jpg predicted as 18, actual 17
 Outlier: Impressionism/pierre-auguste-renoir_essoyes-landscape.jpg predicted as 17, actual 17
 Outlier: Impressionism/pierre-auguste-renoir_still-life-with-fuscias.jpg predicted as 16, actual 17
 Outlier: Impressionism/pierre-auguste-renoir_ellen-andree-1879.jpg predicted as 17, actual 17
 Outlier: Impressionism/pierre-auguste-renoir_the-artist-s-home.jpg predicted as 17, actual 17
 Outlier: Impressionism/pierre-auguste-renoir_path-through-the-high-grass.jpg predicted as 2, actual 17
 Outlier: Impressionism/pierre-auguste-renoir_still-life-with-lemons-and-oranges-1881.jpg predicted as 17, actual 17
 Outlier: Impressionism/pierre-auguste-renoir_vase-of-roses-1.jpg predicted as 17, actual 17
 Outlier: Impressionism/pierre-auguste-renoir_children-on-the-beach-at-guernsey.jpg predicted as 17, actual 17

Outlier: Impressionism/pierre-auguste-renoir_clearing.jpg predicted as 17, actual 17

Outlier: Impressionism/pierre-auguste-renoir_young-girl-with-a-dog-1888.jpg predicted as 17, actual 17

Outlier: Impressionism/pierre-auguste-renoir_madame-stora-in-algerian-dress-1870.jpg predicted as 17, actual 17

Outlier: Impressionism/pierre-auguste-renoir_portrait-of-madame-duberville-with-her-son-henri-1910.jpg predicted as 17, actual 17

Outlier: Impressionism/pierre-auguste-renoir_woman-after-bathing-1896.jpg predicted as 17, actual 17

Outlier: Impressionism/pierre-auguste-renoir_figures-on-the-beach.jpg predicted as 2, actual 17

Outlier: Impressionism/pierre-auguste-renoir_children-s-afternoon-at-wargemont-marguerite-1884.jpg predicted as 1, actual 17

Outlier: Impressionism/pierre-auguste-renoir_aline-charigot-with-a-dog-1880.jpg predicted as 17, actual 17

Outlier: Impressionism/pierre-auguste-renoir_woman-picking-flowers-1912.jpg predicted as 17, actual 17

Outlier: Impressionism/pierre-auguste-renoir_lane-in-the-woods-1900.jpg predicted as 17, actual 17

Outlier: Impressionism/pierre-auguste-renoir_mother-and-children.jpg predicted as 17, actual 17

Outlier: Impressionism/pierre-auguste-renoir_vase-of-flowers-1871.jpg predicted as 11, actual 17

Outlier: Impressionism/pierre-auguste-renoir_vase-of-flowers.jpg predicted as 17, actual 17

Outlier: Impressionism/pierre-auguste-renoir_mount-sainte-victoire-1889.jpg predicted as 17, actual 17

Outlier: Impressionism/pierre-auguste-renoir_roche-goyon-1885.jpg predicted as 17, actual 17

Outlier: Impressionism/pierre-auguste-renoir_cape-saint-jean-1910.jpg predicted as 17, actual 17

Outlier: Impressionism/pierre-auguste-renoir_path-through-the-undergrowth-1910.jpg predicted as 17, actual 17

Outlier: Impressionism/pierre-auguste-renoir_modele-from-the-moulin-de-la-galette-1876.jpg predicted as 17, actual 17

Outlier: Impressionism/pierre-auguste-renoir_cliffs-on-the-coast-near-pourville-1879.jpg predicted as 17, actual 17

Outlier: Impressionism/pierre-auguste-renoir_roses.jpg predicted as 17, actual 17

Outlier: Impressionism/pierre-auguste-renoir_flowers-in-a-vase-1.jpg predicted as 17, actual 17

Outlier: Impressionism/pierre-auguste-renoir_landscape-with-a-view-of-the-sea.jpg predicted as 17, actual 17

Outlier: Impressionism/pierre-auguste-renoir_woman-in-a-hat-1895.jpg predicted as 17, actual 17

Outlier: Impressionism/pierre-auguste-renoir_ambroise-vollard-portrait.jpg predicted as 17, actual 17

Outlier: Impressionism/pierre-auguste-renoir_portrait-of-georges-riviere-1880.jpg predicted as 17, actual 17
 Outlier: Impressionism/pierre-auguste-renoir_on-the-seine-near-argenteuil.jpg predicted as 17, actual 17
 Outlier: Impressionism/pierre-auguste-renoir_houses-by-the-sea-1912.jpg predicted as 11, actual 17
 Outlier: Impressionism/pierre-auguste-renoir_mother-and-child-1881.jpg predicted as 17, actual 17
 Outlier: Baroque/rembrandt_jacob-s-dream.jpg predicted as 20, actual 20
 Outlier: Baroque/rembrandt_a-study-of-a-female-nude-seen-from-the-back-1634.jpg predicted as 0, actual 20
 Outlier: Baroque/rembrandt_an-old-woman-sleeping-1635.jpg predicted as 20, actual 20
 Outlier: Realism/ivan-shishkin_winter-moscow-suburbs.jpg predicted as 4, actual 10
 Outlier: Realism/ivan-shishkin_pines-1895.jpg predicted as 10, actual 10
 Outlier: Realism/ivan-shishkin_the-boy-in-the-field.jpg predicted as 10, actual 10
 Outlier: Northern_Renaissance/albrecht-durer_jesus-christ-on-the-mount-of-olives.jpg predicted as 0, actual 0
 Outlier: Northern_Renaissance/albrecht-durer_st-jerome-in-his-study-1514.jpg predicted as 0, actual 0
 Outlier: Northern_Renaissance/albrecht-durer_peasants-at-the-market-1512.jpg predicted as 0, actual 0
 Outlier: Northern_Renaissance/albrecht-durer_house-by-a-pond.jpg predicted as 17, actual 0
 Outlier: Northern_Renaissance/albrecht-durer_penitent-jerome-1497.jpg predicted as 0, actual 0
 Outlier: Northern_Renaissance/albrecht-durer_the-austrian-saints-1517.jpg predicted as 0, actual 0
 Outlier: Northern_Renaissance/albrecht-durer_melancthon-1526.jpg predicted as 0, actual 0
 Outlier: Northern_Renaissance/albrecht-durer_wappen-pirckheimer.jpg predicted as 11, actual 0
 Outlier: Northern_Renaissance/albrecht-durer_the-sudarium-of-st-veronica-1510.jpg predicted as 0, actual 0
 Outlier: Northern_Renaissance/albrecht-durer_rear-view-of-the-female-1528.jpg predicted as 0, actual 0
 Outlier: Northern_Renaissance/albrecht-durer_title-page-to-the-edition-of-1498-1498.jpg predicted as 0, actual 0
 Outlier: Northern_Renaissance/albrecht-durer_four-angels-staying-the-winds-and-signing-the-chosen-1498.jpg predicted as 0, actual 0
 Outlier: Northern_Renaissance/albrecht-durer_the-temptation-of-the-idler-1498.jpg predicted as 0, actual 0
 Outlier: Northern_Renaissance/albrecht-durer_the-piece-of-turf-with-the-columbine.jpg predicted as 10, actual 0
 Outlier: Northern_Renaissance/albrecht-durer_sixtus-tucher-in-open-grave.jpg predicted as 0, actual 0

Outlier: Northern_Renaissance/albrecht-durer_monstrous-hog-of-landser-1496.jpg
 predicted as 0, actual 0
 Outlier: Northern_Renaissance/albrecht-durer_man-of-sorrows-with-hands-
 bound-1512.jpg predicted as 12, actual 0
 Outlier: Impressionism/ilya-repin_follow-me-satan-temptation-of-jesus-
 christ-1903.jpg predicted as 4, actual 8
 Outlier: Realism/ilya-repin_storm-on-the-volga-1891.jpg predicted as 18, actual
 8
 Outlier: Realism/ilya-repin_hopak-1927.jpg predicted as 11, actual 8
 Outlier: Realism/ilya-repin_cossacks-on-the-black-sea-1908.jpg predicted as 3,
 actual 8
 Outlier: Impressionism/edgar-degas_the-bath-1.jpg predicted as 17, actual 5
 Outlier: Impressionism/edgar-degas_after-the-bath-8.jpg predicted as 22, actual
 5
 Outlier: Impressionism/edgar-degas_dancer-with-a-bouquet-of-flowers-the-star-of-
 the-ballet.jpg predicted as 5, actual 5
 Outlier: Impressionism/edgar-degas_dancer-with-bouquet.jpg predicted as 5,
 actual 5
 Outlier: Impressionism/edgar-degas_madame-deitz-monin-1879.jpg predicted as 17,
 actual 5
 Outlier: Impressionism/edgar-degas_the-bath-1890.jpg predicted as 18, actual 5
 Outlier: Impressionism/edgar-degas_three-dancers-in-purple-skirts.jpg predicted
 as 5, actual 5
 Outlier: Impressionism/edgar-degas_a-woman-seated-beside-a-vase-of-
 flowers-1865.jpg predicted as 2, actual 5
 Outlier: Fauvism/pyotr-konchalovsky_portrait-of-daughter-1912.jpg predicted as
 18, actual 18
 Outlier: Post_Impressionism/pyotr-konchalovsky_palm-trees-and-geranium-1908.jpg
 predicted as 18, actual 18
 Outlier: Post_Impressionism/pyotr-konchalovsky_rocks-in-sorrento-1924.jpg
 predicted as 18, actual 18
 Outlier: Realism/pyotr-konchalovsky_autumn-bouquet-1919.jpg predicted as 18,
 actual 18
 Outlier: Impressionism/pyotr-konchalovsky_belkino-garden-1907.jpg predicted as
 18, actual 18
 Outlier: Post_Impressionism/pyotr-konchalovsky_portrait-of-pianist-vladimir-
 sofronitsky-at-the-piano-1932.jpg predicted as 18, actual 18
 Outlier: Post_Impressionism/pyotr-konchalovsky_the-model-sitting-on-their-
 haunches-in-fig-for-the-film-the-model-squatting-1919.jpg predicted as 18,
 actual 18
 Outlier: Realism/pyotr-konchalovsky_still-life-with-cabbage-1937.jpg predicted
 as 17, actual 18
 Outlier: Post_Impressionism/pyotr-konchalovsky_guitarist-a-sketch-1913.jpg
 predicted as 18, actual 18
 Outlier: Realism/pyotr-konchalovsky_in-the-cathedral-of-yuryev-abbot-
 bessarion-1926.jpg predicted as 18, actual 18
 Outlier: Post_Impressionism/pyotr-konchalovsky_seashore-italy-1924.jpg predicted
 as 18, actual 18

Outlier: Realism/pyotr-konchalovsky_alder-against-the-sun-1932.jpg predicted as 17, actual 18
Outlier: Realism/pyotr-konchalovsky_birches-in-the-snow-1936.jpg predicted as 18, actual 18
Outlier: Realism/pyotr-konchalovsky_still-life-lilacs-1951.jpg predicted as 14, actual 18
Outlier: Cubism/pyotr-konchalovsky_abramtsevo-the-boys-at-the-river-drawing-for-the-painting-boys-bathing-1920.jpg predicted as 18, actual 18
Outlier: Realism/pyotr-konchalovsky_haystack-1947.jpg predicted as 18, actual 18
Outlier: Expressionism/pyotr-konchalovsky_school-of-yungs-came-the-first-1929.jpg predicted as 18, actual 18
Outlier: Impressionism/pyotr-konchalovsky_portrait-of-the-artist-s-wife-olga-konchalovskaya-under-the-umbrella-in-the-garden-1904.jpg predicted as 22, actual 18
Outlier: Expressionism/pyotr-konchalovsky_bullfight-1910.jpg predicted as 18, actual 18
Outlier: Post_Impressionism/pyotr-konchalovsky_gardener-1908.jpg predicted as 22, actual 18
Outlier: Expressionism/pablo-picasso_head-of-a-woman-with-green-curls-1946.jpg predicted as 13, actual 15
Outlier: Pointillism/pablo-picasso_the-happy-family.jpg predicted as 2, actual 15
Outlier: Post_Impressionism/pablo-picasso_still-life-the-dessert-1901.jpg predicted as 15, actual 15
Outlier: Post_Impressionism/pablo-picasso_woman-with-blue-hat-1901.jpg predicted as 5, actual 15
Outlier: Symbolism/pablo-picasso_harlequin-s-death-1906.jpg predicted as 15, actual 15
Outlier: Analytical_Cubism/pablo-picasso_jug-and-fruit-dish-1908.jpg predicted as 15, actual 15
Outlier: Naive_Art_Primitivism/pablo-picasso_female-nude-with-her-arms-raised.jpg predicted as 15, actual 15
Outlier: Symbolism/pablo-picasso_standing-young-nude-1904.jpg predicted as 15, actual 15
Outlier accuracy: 0.36

The Kernel crashed while executing code in the current cell or a previous cell.

Please review the code in the cell(s) to identify a possible cause of the `Failure`.

Click [here](https://aka.ms/vscodeJupyterKernelCrash) for more info.

View Jupyter [log](command:jupyter.viewOutput) for further details.