Saved balanced split 1/10 with 18 samples (9 stay, 9 leave).

Saved balanced split 2/10 with 16 samples (8 stay, 8 leave).

Saved balanced split 3/10 with 20 samples (10 stay, 10 leave).

Saved balanced split 4/10 with 18 samples (9 stay, 9 leave).

Saved balanced split 5/10 with 8 samples (4 stay, 4 leave).

Saved balanced split 6/10 with 20 samples (10 stay, 10 leave).

Saved balanced split 7/10 with 20 samples (10 stay, 10 leave).

Saved balanced split 8/10 with 20 samples (10 stay, 10 leave).

Saved balanced split 9/10 with 20 samples (10 stay, 10 leave).

Saved balanced split 10/10 with 20 samples (10 stay, 10 leave).

All splits balanced and saved.

Split 1/10 | Epoch 1/20 | Train Loss: 0.2143 | Train Acc: 0.9383 | Test Loss: 0.8795 | Test Acc: 0.5000

Split 1/10 | Epoch 2/20 | Train Loss: 0.0841 | Train Acc: 0.9506 | Test Loss: 1.2959 | Test Acc: 0.5000

Split 1/10 | Epoch 3/20 | Train Loss: 0.0484 | Train Acc: 0.9815 | Test Loss: 1.2242 | Test Acc: 0.5000

Split 1/10 | Epoch 4/20 | Train Loss: 0.0451 | Train Acc: 0.9938 | Test Loss: 1.1861 | Test Acc: 0.5000

Split 1/10 | Epoch 5/20 | Train Loss: 0.0526 | Train Acc: 0.9815 | Test Loss: 1.1055 | Test Acc: 0.5000

Early stopping at epoch 5 for split 1

Split 1 Test Accuracy: 0.5000

Split 2/10 | Epoch 1/20 | Train Loss: 0.2022 | Train Acc: 0.8963 | Test Loss: 0.7253 | Test Acc: 0.5625

Split 2/10 | Epoch 2/20 | Train Loss: 0.0345 | Train Acc: 0.9939 | Test Loss: 0.7655 | Test Acc: 0.5625

Split 2/10 | Epoch 3/20 | Train Loss: 0.0270 | Train Acc: 0.9939 | Test Loss: 0.4776 | Test Acc: 0.7500

Split 2/10 | Epoch 4/20 | Train Loss: 0.0294 | Train Acc: 0.9878 | Test Loss: 0.8580 | Test Acc: 0.5625

Split 2/10 | Epoch 5/20 | Train Loss: 0.0196 | Train Acc: 1.0000 | Test Loss: 0.4288 | Test Acc: 0.8125

Split 2/10 | Epoch 6/20 | Train Loss: 0.0115 | Train Acc: 1.0000 | Test Loss: 0.2012 | Test Acc: 0.8750

Split 2/10 | Epoch 7/20 | Train Loss: 0.0132 | Train Acc: 0.9939 | Test Loss: 0.1767 | Test Acc: 0.8750

Split 2/10 | Epoch 8/20 | Train Loss: 0.0033 | Train Acc: 1.0000 | Test Loss: 1.3249 | Test Acc: 0.5625

Split 2/10 | Epoch 9/20 | Train Loss: 0.0055 | Train Acc: 1.0000 | Test Loss: 0.8124 | Test Acc: 0.6250

Split 2/10 | Epoch 10/20 | Train Loss: 0.0059 | Train Acc: 1.0000 | Test Loss: 0.2790 | Test Acc: 0.8750

Split 2/10 | Epoch 11/20 | Train Loss: 0.0014 | Train Acc: 1.0000 | Test Loss: 1.2219 | Test Acc: 0.5625

Early stopping at epoch 11 for split 2

Split 2 Test Accuracy: 0.5625

Split 3/10 | Epoch 1/20 | Train Loss: 0.2072 | Train Acc: 0.9000 | Test Loss: 0.8902 | Test Acc: 0.5000

Split 3/10 | Epoch 2/20 | Train Loss: 0.0578 | Train Acc: 0.9875 | Test Loss: 1.0481 | Test Acc: 0.5000

Split 3/10 | Epoch 3/20 | Train Loss: 0.0458 | Train Acc: 0.9812 | Test Loss: 1.1599 | Test Acc: 0.5000

Split 3/10 | Epoch 4/20 | Train Loss: 0.0367 | Train Acc: 0.9938 | Test Loss: 0.9476 | Test Acc: 0.5000

Split 3/10 | Epoch 5/20 | Train Loss: 0.0378 | Train Acc: 1.0000 | Test Loss: 1.1907 | Test Acc: 0.5000

Early stopping at epoch 5 for split 3

Split 3 Test Accuracy: 0.5000

Split 4/10 | Epoch 1/20 | Train Loss: 0.2199 | Train Acc: 0.9506 | Test Loss: 0.9280 | Test Acc: 0.5000

Split 4/10 | Epoch 2/20 | Train Loss: 0.0579 | Train Acc: 0.9877 | Test Loss: 1.0878 | Test Acc: 0.5000

Split 4/10 | Epoch 3/20 | Train Loss: 0.0394 | Train Acc: 0.9815 | Test Loss: 1.6510 | Test Acc: 0.5000

Split 4/10 | Epoch 4/20 | Train Loss: 0.0237 | Train Acc: 0.9938 | Test Loss: 1.0566 | Test Acc: 0.5000

Split 4/10 | Epoch 5/20 | Train Loss: 0.0308 | Train Acc: 1.0000 | Test Loss: 1.1813 | Test Acc: 0.5000

Early stopping at epoch 5 for split 4

Split 4 Test Accuracy: 0.5000

Split 5/10 | Epoch 1/20 | Train Loss: 0.2533 | Train Acc: 0.8721 | Test Loss: 0.6738 | Test Acc: 0.6250

Split 5/10 | Epoch 2/20 | Train Loss: 0.0830 | Train Acc: 0.9535 | Test Loss: 0.7850 | Test Acc: 0.5000

Split 5/10 | Epoch 3/20 | Train Loss: 0.0541 | Train Acc: 0.9709 | Test Loss: 0.6369 | Test Acc: 0.6250

Split 5/10 | Epoch 4/20 | Train Loss: 0.0503 | Train Acc: 0.9767 | Test Loss: 0.8005 | Test Acc: 0.5000

Split 5/10 | Epoch 5/20 | Train Loss: 0.0582 | Train Acc: 0.9709 | Test Loss: 0.5418 | Test Acc: 0.6250

Split 5/10 | Epoch 6/20 | Train Loss: 0.0458 | Train Acc: 0.9709 | Test Loss: 0.4449 | Test Acc: 0.6250

Split 5/10 | Epoch 7/20 | Train Loss: 0.0409 | Train Acc: 0.9942 | Test Loss: 0.3979 | Test Acc: 0.7500

Split 5/10 | Epoch 8/20 | Train Loss: 0.0286 | Train Acc: 1.0000 | Test Loss: 0.3642 | Test Acc: 0.7500

Split 5/10 | Epoch 9/20 | Train Loss: 0.0319 | Train Acc: 1.0000 | Test Loss: 0.3894 | Test Acc: 0.7500

Split 5/10 | Epoch 10/20 | Train Loss: 0.0184 | Train Acc: 1.0000 | Test Loss: 0.3283 | Test Acc: 0.7500

Split 5/10 | Epoch 11/20 | Train Loss: 0.0181 | Train Acc: 1.0000 | Test Loss: 0.2962 | Test Acc: 0.7500

Split 5/10 | Epoch 12/20 | Train Loss: 0.0158 | Train Acc: 1.0000 | Test Loss: 0.4411 | Test Acc: 0.6250

Split 5/10 | Epoch 13/20 | Train Loss: 0.0188 | Train Acc: 1.0000 | Test Loss: 0.2808 | Test Acc: 0.7500

Split 5/10 | Epoch 14/20 | Train Loss: 0.0068 | Train Acc: 1.0000 | Test Loss: 0.2628 | Test Acc: 0.7500

Split 5/10 | Epoch 15/20 | Train Loss: 0.0104 | Train Acc: 1.0000 | Test Loss: 0.4067 | Test Acc: 0.7500

Split 5/10 | Epoch 16/20 | Train Loss: 0.0172 | Train Acc: 1.0000 | Test Loss: 0.4057 | Test Acc: 0.7500

Split 5/10 | Epoch 17/20 | Train Loss: 0.0034 | Train Acc: 1.0000 | Test Loss: 0.3410 | Test Acc: 0.7500

Split 5/10 | Epoch 18/20 | Train Loss: 0.0030 | Train Acc: 1.0000 | Test Loss: 0.2945 | Test Acc: 0.7500

Early stopping at epoch 18 for split 5

Split 5 Test Accuracy: 0.7500

Split 6/10 | Epoch 1/20 | Train Loss: 0.2110 | Train Acc: 0.9000 | Test Loss: 0.4118 | Test Acc: 0.8000

Split 6/10 | Epoch 2/20 | Train Loss: 0.0788 | Train Acc: 0.9750 | Test Loss: 0.6448 | Test Acc: 0.6000

Split 6/10 | Epoch 3/20 | Train Loss: 0.0576 | Train Acc: 0.9750 | Test Loss: 0.6165 | Test Acc: 0.6000

Split 6/10 | Epoch 4/20 | Train Loss: 0.0393 | Train Acc: 0.9812 | Test Loss: 0.6285 | Test Acc: 0.6000

Split 6/10 | Epoch 5/20 | Train Loss: 0.0518 | Train Acc: 0.9625 | Test Loss: 0.5115 | Test Acc: 0.6000

Early stopping at epoch 5 for split 6

Split 6 Test Accuracy: 0.6000

Split 7/10 | Epoch 1/20 | Train Loss: 0.2048 | Train Acc: 0.9313 | Test Loss: 0.7324 | Test Acc: 0.5500

Split 7/10 | Epoch 2/20 | Train Loss: 0.0407 | Train Acc: 0.9938 | Test Loss: 0.8253 | Test Acc: 0.6000

Split 7/10 | Epoch 3/20 | Train Loss: 0.0385 | Train Acc: 0.9938 | Test Loss: 0.8073 | Test Acc: 0.6500

Split 7/10 | Epoch 4/20 | Train Loss: 0.0262 | Train Acc: 1.0000 | Test Loss: 1.1730 | Test Acc: 0.5500

Split 7/10 | Epoch 5/20 | Train Loss: 0.0141 | Train Acc: 1.0000 | Test Loss: 0.9493 | Test Acc: 0.6000

Early stopping at epoch 5 for split 7

Split 7 Test Accuracy: 0.5500

Split 8/10 | Epoch 1/20 | Train Loss: 0.2494 | Train Acc: 0.9062 | Test Loss: 0.7018 | Test Acc: 0.6000

Split 8/10 | Epoch 2/20 | Train Loss: 0.0830 | Train Acc: 0.9688 | Test Loss: 0.8314 | Test Acc: 0.5500

Split 8/10 | Epoch 3/20 | Train Loss: 0.0389 | Train Acc: 1.0000 | Test Loss: 1.0137 | Test Acc: 0.5000

Split 8/10 | Epoch 4/20 | Train Loss: 0.0259 | Train Acc: 1.0000 | Test Loss: 1.0023 | Test Acc: 0.5000

Split 8/10 | Epoch 5/20 | Train Loss: 0.0223 | Train Acc: 1.0000 | Test Loss: 0.8179 | Test Acc: 0.6000

Early stopping at epoch 5 for split 8

Split 8 Test Accuracy: 0.6000

Split 9/10 | Epoch 1/20 | Train Loss: 0.2134 | Train Acc: 0.9625 | Test Loss: 0.6386 | Test Acc: 0.5500

Split 9/10 | Epoch 2/20 | Train Loss: 0.0633 | Train Acc: 0.9688 | Test Loss: 0.7393 | Test Acc: 0.5500

Split 9/10 | Epoch 3/20 | Train Loss: 0.0527 | Train Acc: 0.9938 | Test Loss: 0.7919 | Test Acc: 0.5500

Split 9/10 | Epoch 4/20 | Train Loss: 0.0421 | Train Acc: 0.9625 | Test Loss: 0.4019 | Test Acc: 0.8000

Split 9/10 | Epoch 5/20 | Train Loss: 0.0509 | Train Acc: 0.9875 | Test Loss: 0.2724 | Test Acc: 0.8500

Split 9/10 | Epoch 6/20 | Train Loss: 0.0417 | Train Acc: 1.0000 | Test Loss: 0.2587 | Test Acc: 0.8500

Split 9/10 | Epoch 7/20 | Train Loss: 0.0206 | Train Acc: 1.0000 | Test Loss: 0.3477 | Test Acc: 0.8000

Split 9/10 | Epoch 8/20 | Train Loss: 0.0222 | Train Acc: 1.0000 | Test Loss: 0.4498 | Test Acc: 0.7000

Split 9/10 | Epoch 9/20 | Train Loss: 0.0109 | Train Acc: 1.0000 | Test Loss: 0.3191 | Test Acc: 0.8500

Split 9/10 | Epoch 10/20 | Train Loss: 0.0031 | Train Acc: 1.0000 | Test Loss: 0.4639 | Test Acc: 0.7000

Early stopping at epoch 10 for split 9

Split 9 Test Accuracy: 0.8000

Split 10/10 | Epoch 1/20 | Train Loss: 0.1955 | Train Acc: 0.9437 | Test Loss: 0.1240 | Test Acc: 0.9500

Split 10/10 | Epoch 2/20 | Train Loss: 0.0158 | Train Acc: 0.9938 | Test Loss: 0.0776 | Test Acc: 0.9500

Split 10/10 | Epoch 3/20 | Train Loss: 0.0060 | Train Acc: 1.0000 | Test Loss: 0.0865 | Test Acc: 0.9500

Split 10/10 | Epoch 4/20 | Train Loss: 0.0127 | Train Acc: 0.9938 | Test Loss: 0.0498 | Test Acc: 1.0000

Split 10/10 | Epoch 5/20 | Train Loss: 0.0039 | Train Acc: 1.0000 | Test Loss: 0.0431 | Test Acc: 0.9500

Split 10/10 | Epoch 6/20 | Train Loss: 0.0036 | Train Acc: 1.0000 | Test Loss: 0.0640 | Test Acc: 0.9500

Split 10/10 | Epoch 7/20 | Train Loss: 0.0095 | Train Acc: 1.0000 | Test Loss: 0.0633 | Test Acc: 0.9500

Split 10/10 | Epoch 8/20 | Train Loss: 0.0007 | Train Acc: 1.0000 | Test Loss: 0.0515 | Test Acc: 0.9500

Split 10/10 | Epoch 9/20 | Train Loss: 0.0023 | Train Acc: 1.0000 | Test Loss: 0.0356 | Test Acc: 1.0000

Split 10/10 | Epoch 10/20 | Train Loss: 0.0013 | Train Acc: 1.0000 | Test Loss: 0.0428 | Test Acc: 0.9500

Split 10/10 | Epoch 11/20 | Train Loss: 0.0006 | Train Acc: 1.0000 | Test Loss: 0.0470 | Test Acc: 0.9500

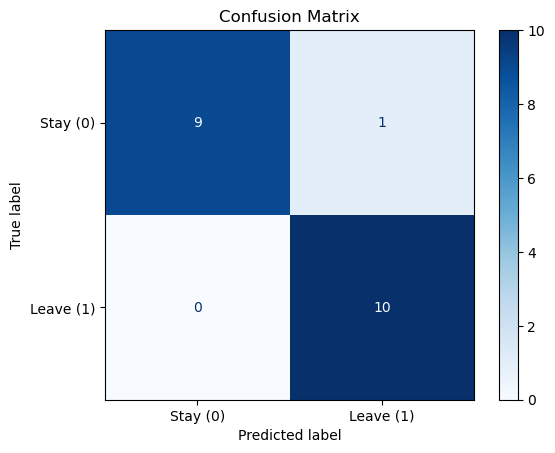
Split 10/10 | Epoch 12/20 | Train Loss: 0.0007 | Train Acc: 1.0000 | Test Loss: 0.0409 | Test Acc: 0.9500

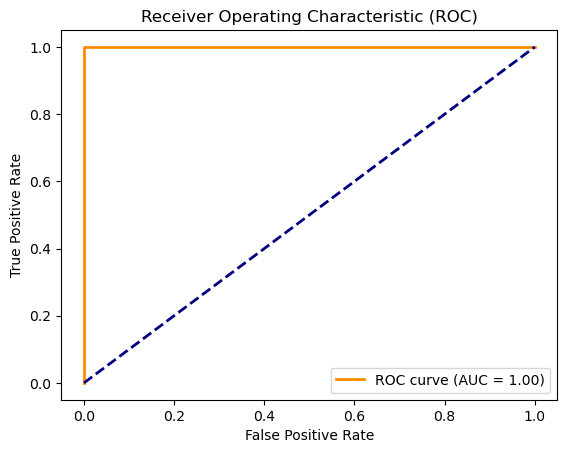
Split 10/10 | Epoch 13/20 | Train Loss: 0.0070 | Train Acc: 1.0000 | Test Loss: 0.0567 | Test Acc: 0.9500

Early stopping at epoch 13 for split 10

Split 10 Test Accuracy: 0.9500

Average Test Accuracy across all splits: 0.6312





ROC AUC Score: 1.0000