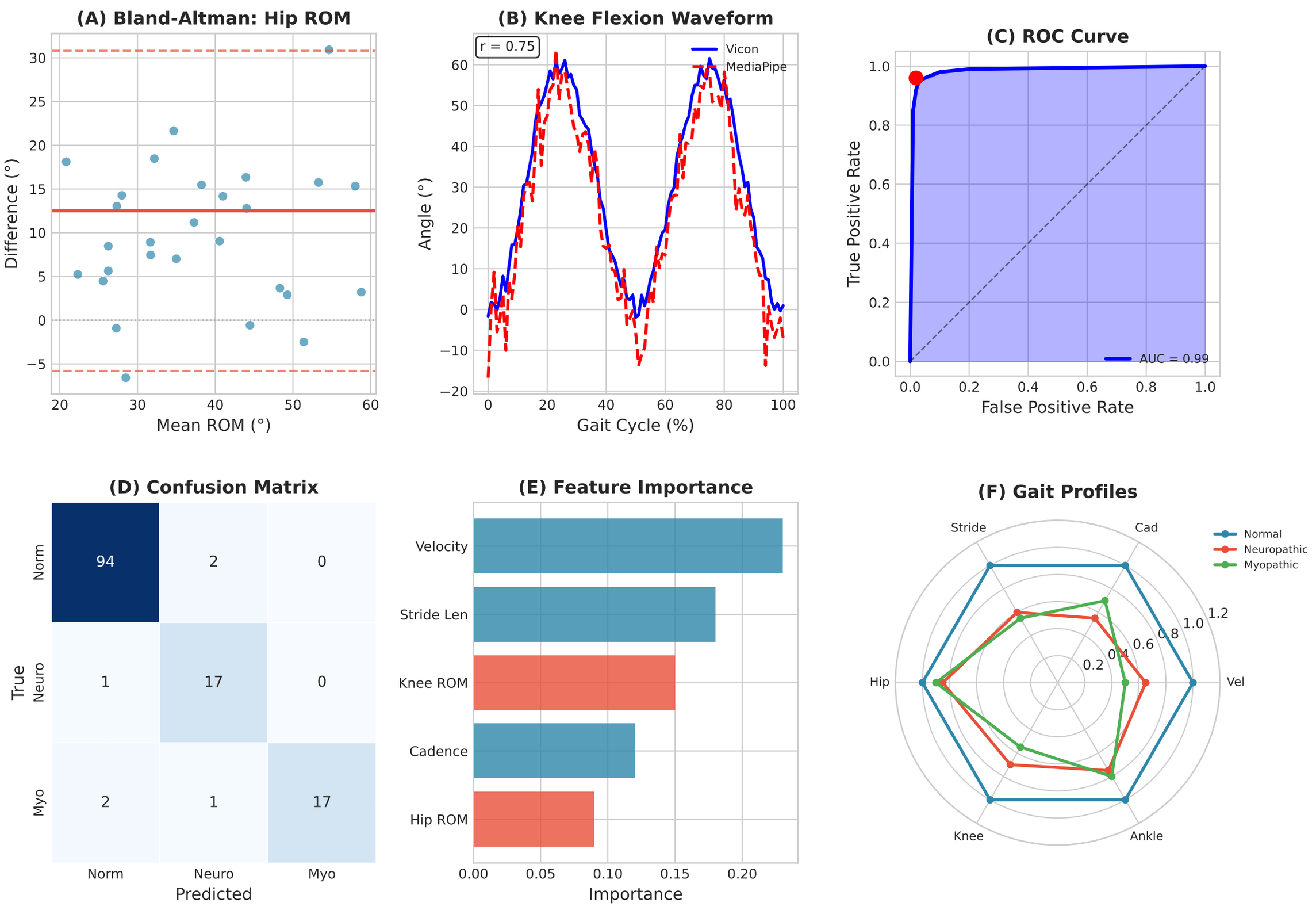
(A) Bland-Altman: Hip ROM
Difference (°)
Mean ROM (°)
(B) Knee Flexion Waveform
r = 0.75
Vicon
MediaPipe
Angle (°)
Gait Cycle (%)
(C) ROC Curve
True Positive Rate
False Positive Rate
AUC = 0.99
(D) Confusion Matrix
Norm
Neuro
Myo
True
Predicted
94
2
0
1
17
0
2
1
17
(E) Feature Importance
Velocity
Stride Len
Knee ROM
Cadence
Hip ROM
Importance
(F) Gait Profiles
Stride
Cad
Vel
Ankle
Knee
Hip
Normal
Neuropathic
Myopathic