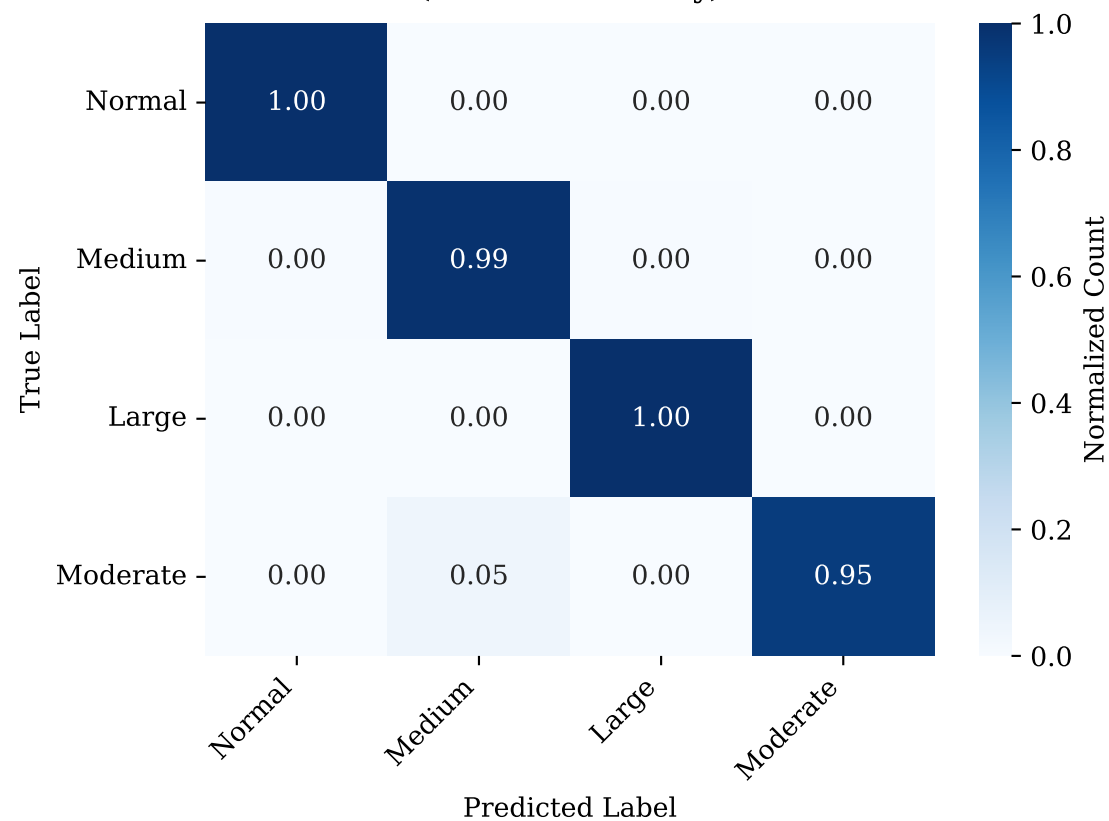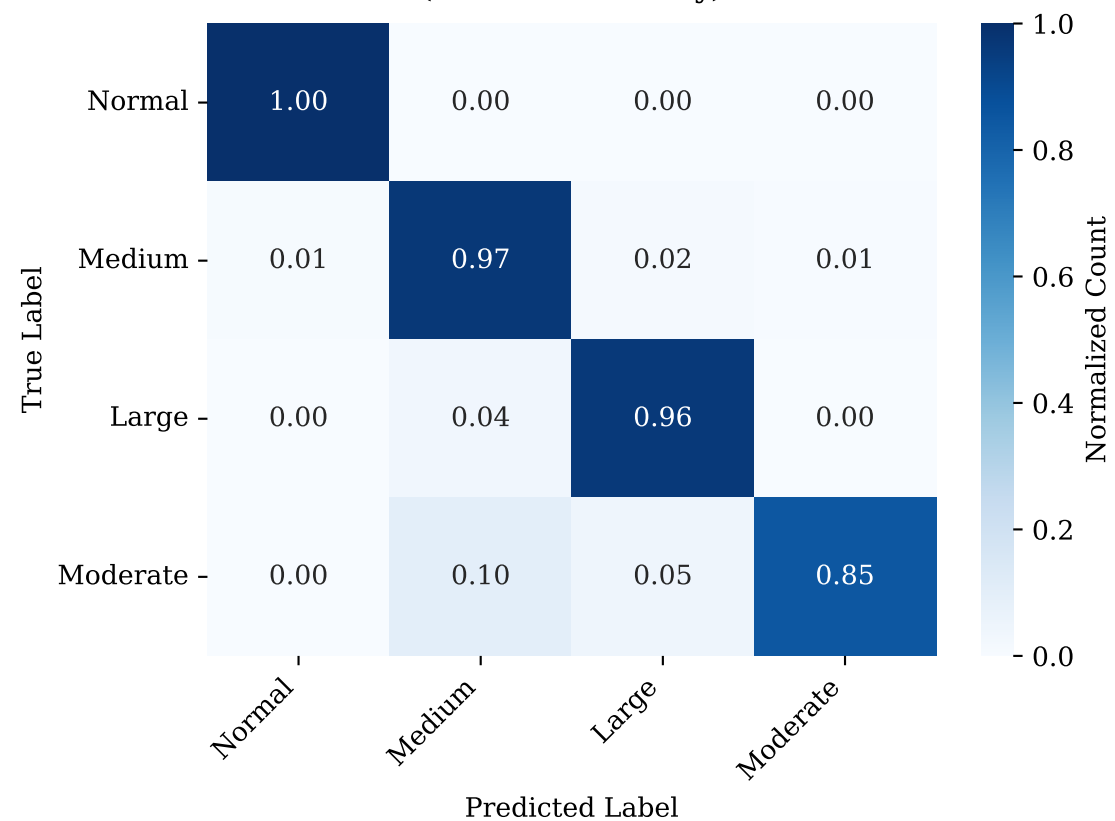**Confusion Matrices for Magnitude Classification**
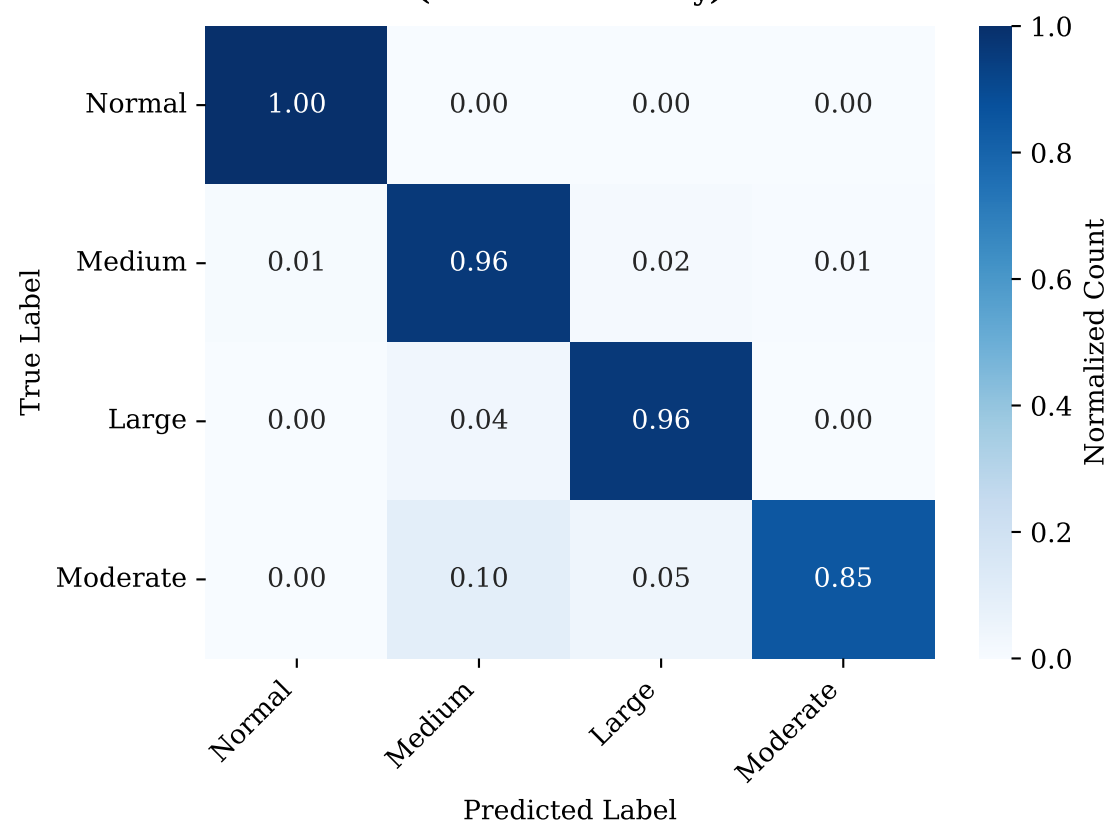
**VGG16
(98.68% Accuracy)**

**Enhanced EfficientNet-B0
(96.21% Accuracy)**

**ConvNeXt-Tiny
(96.12% Accuracy)**

**ViT-Tiny
(95.87% Accuracy - Estimated)**