**Training Curves: Baseline vs LRM Emotion Regression** Audio-Level Mean Absolute Error **Audio-Level Pearson Correlation** (Lower is Better) (Higher is Better) Baseline (NewAffective) 0.52 LRM (Feedback) 0.5 0.50 Validation Audio Pearson Correlation Validation Audio MAE
0.48
0.49
0.44 0.3 0.44 0.2 0.42 Baseline (NewAffective) LRM (Feedback) 0.40 2000 4000 1000 2000 3000 4000 5000 1000 3000 5000 Training Iteration Training Iteration Valence vs Arousal MAE Segment-Level Performance (Lower is Better) (MAE: Lower Better, Pearson: Higher Better) Baseline Valence Baseline Segment MAE 0.52 **Baseline Arousal** Baseline Segment Pearson (×0.8) LRM Valence LRM Segment MAE 0.5 LRM Arousal LRM Segment Pearson (×0.8) 0.50 0.4 0.48 Validation Metrics Validation MAE 0.44 0.2 0.42 0.40 0.1 2000 1000 2000 3000 4000 5000 1000 3000 4000 5000 Training Iteration Training Iteration