Coarse Temporal Attention Network (CTA-Net) for Driver's Activity Recognition

Supplementary Figures

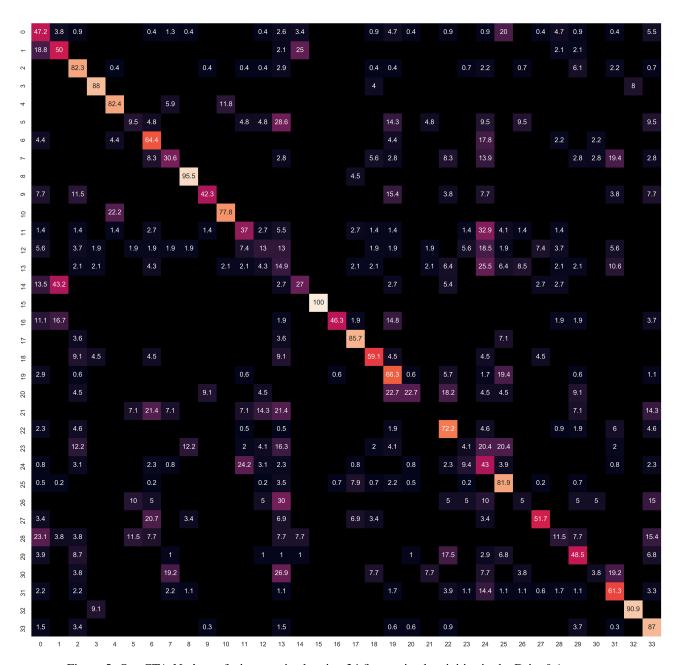
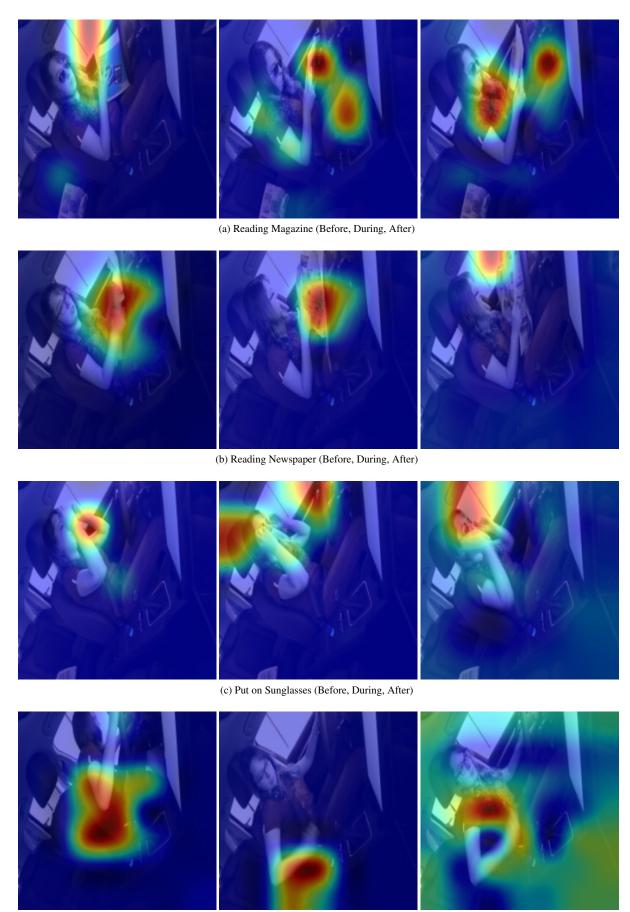


Figure 5: Our CTA-Net's confusion matrix showing 34 fine-grained activities in the Drive&Act test set.



(d) Put on Seat-belt (Before, During, After)

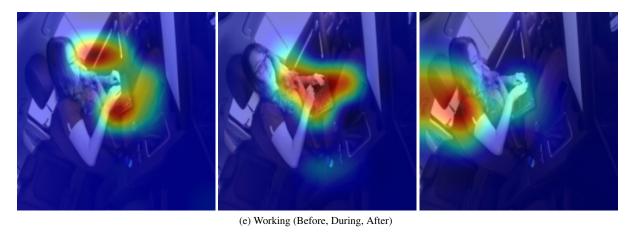


Figure 6: More examples demonstrating visual explanation of decision from our CTA-Net using class activation map representing our coarse temporal attention of 'before' (left), 'during' (middle) and 'after' (right) segment of 5 different actions

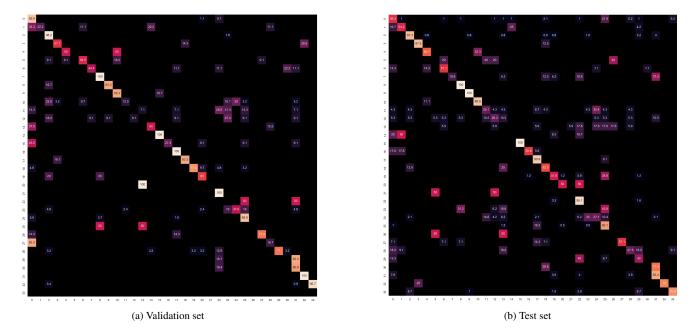


Figure 7: CTA-Net's confusion matrix of the 34 fine-grained activities using split 0 in Drive&Act dataset

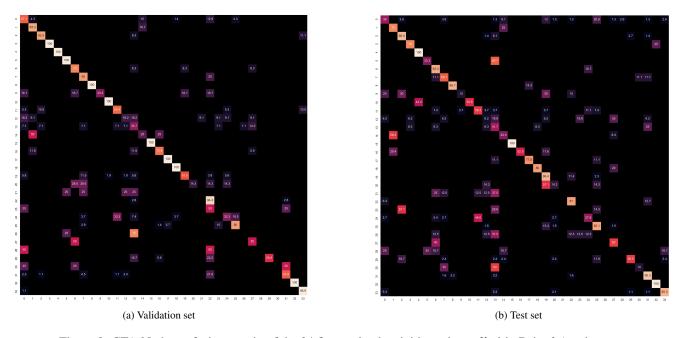


Figure 8: CTA-Net's confusion matrix of the 34 fine-grained activities using split 1 in Drive&Act dataset

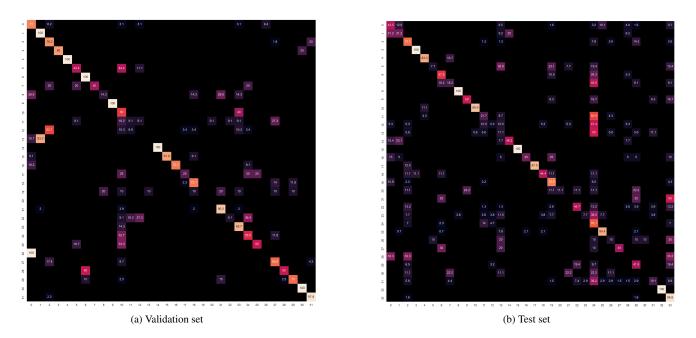


Figure 9: CTA-Net's confusion matrix of the 34 fine-grained activities using **split 2** in Drive&Act dataset

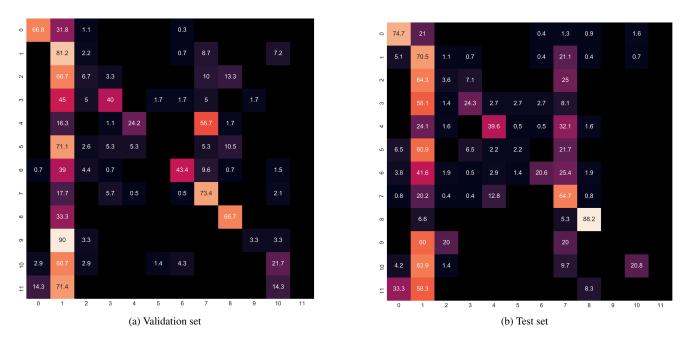


Figure 10: CTA-Net's confusion matrix of the 12 coarse/scenario tasks using split 0 in Drive&Act dataset

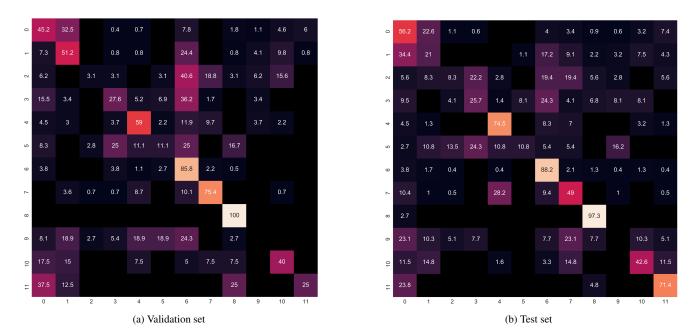


Figure 11: CTA-Net's confusion matrix of the 12 coarse/scenario tasks using split 1 in Drive&Act dataset

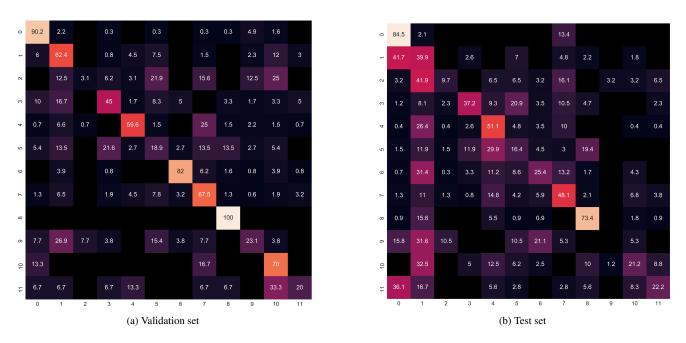


Figure 12: CTA-Net's confusion matrix of the 12 coarse/scenario tasks using split 2 in Drive&Act dataset