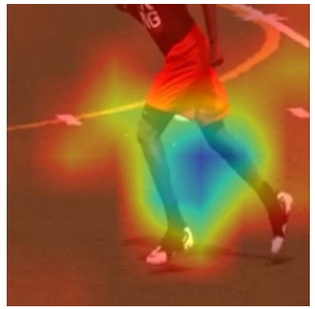
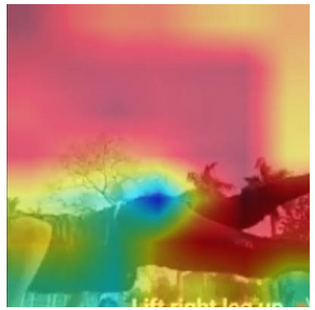
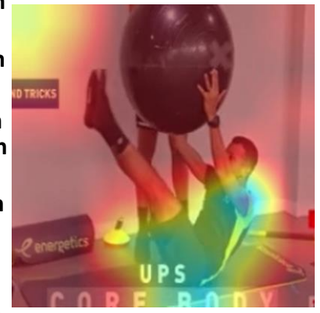
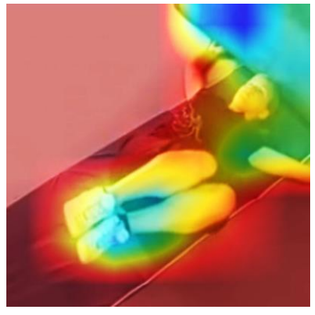
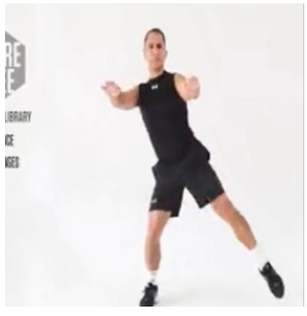
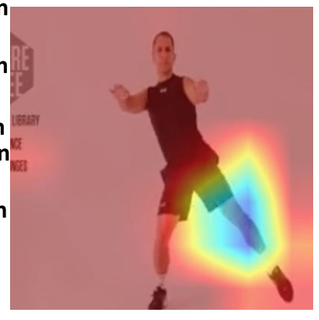
	Ground Truth	Prediction of MViTv2-S	Prediction of our approach
1			
	☐ Neck and head region ☐ Chest region ☐ Shoulder region ☐ Biceps region ☐ Triceps region ☐ Forearms region ☐ Upper back region ☐ Latissimus region ☐ Obliques region ☑ Upper abdominis region ☑ Lower abdominis region ☐ Lower back region ☑ Hamstring region ☑ Quadriceps region ☑ Calves region ☑ Inner thigh region ☑ Outer thigh region ☑ Gluteus region ☑ Feet ankles region ☐ Wrists region	☐ Neck and head region ✗ Chest region ☐ Shoulder region ✗ Biceps region ✗ Triceps region ☐ Forearms region ☐ Upper back region ☐ Latissimus region ☐ Obliques region ✗ Upper abdominis region ✗ Lower abdominis region ✗ Lower back region ✓ Hamstring region ✗ Quadriceps region ✗ Calves region ✗ Inner thigh region ✓ Outer thigh region ✓ Gluteus region ✓ Feet ankles region ✗ Wrists region	☐ Neck and head region ☐ Chest region ☐ Shoulder region ☐ Biceps region ☐ Triceps region ☐ Forearms region ☐ Upper back region ☐ Latissimus region ☐ Obliques region ✗ Upper abdominis region ✗ Lower abdominis region ☐ Lower back region ✓ Hamstring region ✓ Quadriceps region ✓ Calves region ✓ Inner thigh region ✓ Outer thigh region ✓ Gluteus region ✓ Feet ankles region ☐ Wrists region
2			
	☐ Neck and head region ☑ Chest region ☑ Shoulder region ☐ Biceps region ☑ Triceps region ☐ Forearms region ☑ Upper back region ☑ Latissimus region ☑ Obliques region ☑ Upper abdominis region ☑ Lower abdominis region ☐ Lower back region ☐ Hamstring region ☐ Quadriceps region ☐ Calves region ☐ Inner thigh region ☐ Outer thigh region ☐ Gluteus region ☐ Feet ankles region ☐ Wrists region	☐ Neck and head region ✓ Chest region ✗ Shoulder region ✗ Biceps region ✓ Triceps region ☐ Forearms region ✗ Upper back region ✗ Latissimus region ✗ Obliques region ✗ Upper abdominis region ✓ Lower abdominis region ☐ Lower back region ☐ Hamstring region ☐ Quadriceps region ✗ Calves region ☐ Inner thigh region ✗ Outer thigh region ✗ Gluteus region ✗ Feet ankles region ☐ Wrists region	☐ Neck and head region ✓ Chest region ✓ Shoulder region ☐ Biceps region ✓ Triceps region ☐ Forearms region ✗ Upper back region ✗ Latissimus region ✗ Obliques region ✗ Upper abdominis region ✗ Lower abdominis region ☐ Lower back region ☐ Hamstring region ☐ Quadriceps region ☐ Calves region ☐ Inner thigh region ☐ Outer thigh region ☐ Gluteus region ☐ Feet ankles region ☐ Wrists region
3			
	☐ Neck and head region ☐ Chest region ☐ Shoulder region ☐ Biceps region ☐ Triceps region ☐ Forearms region ☐ Upper back region ☐ Latissimus region ☐ Obliques region ☑ Upper abdominis region ☑ Lower abdominis region ☐ Lower back region ☐ Hamstring region ☐ Quadriceps region ☐ Calves region ☐ Inner thigh region ☐ Outer thigh region ☐ Gluteus region ☐ Feet ankles region ☐ Wrists region	☐ Neck and head region ☐ Chest region ☐ Shoulder region ☐ Biceps region ☐ Triceps region ☐ Forearms region ☐ Upper back region ☐ Latissimus region ☐ Obliques region ✓ Upper abdominis region ✓ Lower abdominis region ☐ Lower back region ☐ Hamstring region ☐ Quadriceps region ☐ Calves region ☐ Inner thigh region ☐ Outer thigh region ☐ Gluteus region ☐ Feet ankles region ☐ Wrists region	☐ Neck and head region ☐ Chest region ☐ Shoulder region ☐ Biceps region ☐ Triceps region ☐ Forearms region ☐ Upper back region ☐ Latissimus region ☐ Obliques region ✓ Upper abdominis region ✓ Lower abdominis region ☐ Lower back region ☐ Hamstring region ☐ Quadriceps region ☐ Calves region ☐ Inner thigh region ☐ Outer thigh region ☐ Gluteus region ☐ Feet ankles region ☐ Wrists region
4			
	☐ Neck and head region ☐ Chest region ☐ Shoulder region ☐ Biceps region ☐ Triceps region ☐ Forearms region ☐ Upper back region ☑ Latissimus region ☑ Obliques region ☑ Upper abdominis region ☑ Lower abdominis region ☐ Lower back region ☐ Hamstring region ☐ Quadriceps region ☐ Calves region ☐ Inner thigh region ☐ Outer thigh region ☐ Gluteus region ☐ Feet ankles region ☐ Wrists region	☐ Neck and head region ✗ Chest region ☐ Shoulder region ☐ Biceps region ☐ Triceps region ☐ Forearms region ☐ Upper back region ✓ Latissimus region ✗ Obliques region ✗ Upper abdominis region ✗ Lower abdominis region ☐ Lower back region ✗ Hamstring region ✗ Quadriceps region ✗ Calves region ✗ Inner thigh region ☐ Outer thigh region ☐ Gluteus region ☐ Feet ankles region ☐ Wrists region	☐ Neck and head region ☐ Chest region ☐ Shoulder region ☐ Biceps region ☐ Triceps region ☐ Forearms region ☐ Upper back region ✓ Latissimus region ✓ Obliques region ✓ Upper abdominis region ✓ Lower abdominis region ☐ Lower back region ☐ Hamstring region ☐ Quadriceps region ☐ Calves region ☐ Inner thigh region ☐ Outer thigh region ☐ Gluteus region ☐ Feet ankles region ☐ Wrists region
5			
	☐ Neck and head region ☐ Chest region ☐ Shoulder region ☐ Biceps region ☐ Triceps region ☐ Forearms region ☐ Upper back region ☑ Latissimus region ☐ Obliques region ☐ Upper abdominis region ☐ Lower abdominis region ☑ Lower back region ☑ Hamstring region ☐ Quadriceps region ☐ Calves region ☑ Inner thigh region ☑ Outer thigh region ☑ Gluteus region ☐ Feet ankles region ☐ Wrists region	☐ Neck and head region ✗ Chest region ☐ Shoulder region ✗ Biceps region ✗ Triceps region ☐ Forearms region ☐ Upper back region ✗ Latissimus region ☐ Obliques region ☐ Upper abdominis region ✗ Lower abdominis region ✗ Lower back region ✗ Hamstring region ✗ Quadriceps region ✗ Calves region ✓ Inner thigh region ✓ Outer thigh region ✓ Gluteus region ✗ Feet ankles region ✗ Wrists region	☐ Neck and head region ☐ Chest region ☐ Shoulder region ☐ Biceps region ☐ Triceps region ☐ Forearms region ☐ Upper back region ✓ Latissimus region ☐ Obliques region ☐ Upper abdominis region ☐ Lower abdominis region ✓ Lower back region ✓ Hamstring region ☐ Quadriceps region ☐ Calves region ✓ Inner thigh region ✓ Outer thigh region ✓ Gluteus region ☐ Feet ankles region ☐ Wrists region

✔ Ground Truth ✗ False Prediction ✗ Missed Prediction ✔ True Prediction