Behavior Feeding Haltere Switch Postural Adjustment **Proboscis Pumping** Grooming Fly Type 1.0 ¬ Average (weighted) 0.8 Sleep Deprived Precision 0.6 Wild Type 0.2 0.0 0.4 0.6 0.81.0 0.00.2 0.4 0.6 0.81.0 0.6 0.81.0 0.00.2 0.4 0.6 0.81.0 0.00.2 0.4 0.6 0.81.0 0.00.2 0.4 0.00.2 Recall **True Positive Rate** 0.8 0.6 0.0 0.2 0.4 0.6 0.81.0 0.4 0.6 0.81.0 0.00.2 0.4 0.6 0.81.0 0.0 0.2 0.4 0.6 0.8 1.0 0.00.20.00.2 0.4 0.6 0.81.0 **False Positive Rate**