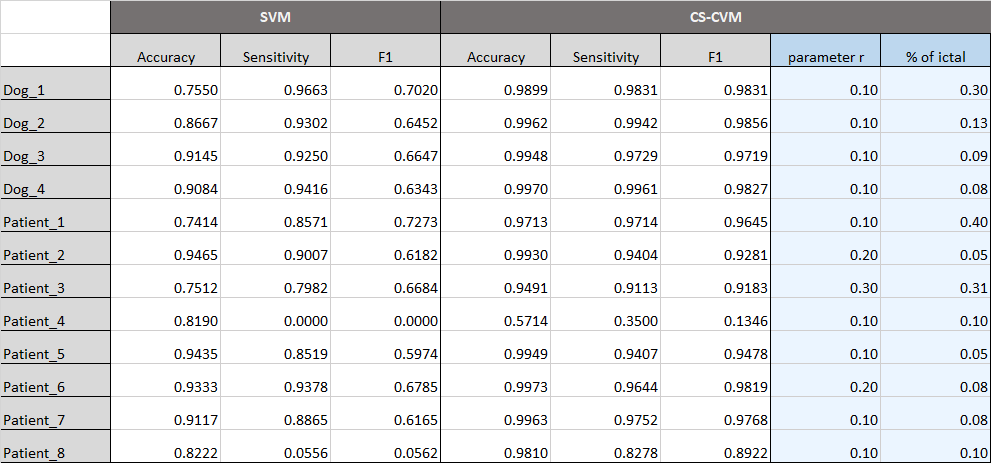
**Appendices**

**Appendix A – Detailed results for SVM and CS-SVM.**

**A.1 Results for the Detection task**

****

Calendar

Description automatically generatedFigure 1. Statistical analyzation for Detection

Calendar

Description automatically generated

Calendar

Description automatically generated

Figure 2. Confusion Matrices & CR Graph for the optimal parameters

**A.2 Results for the Prediction task**

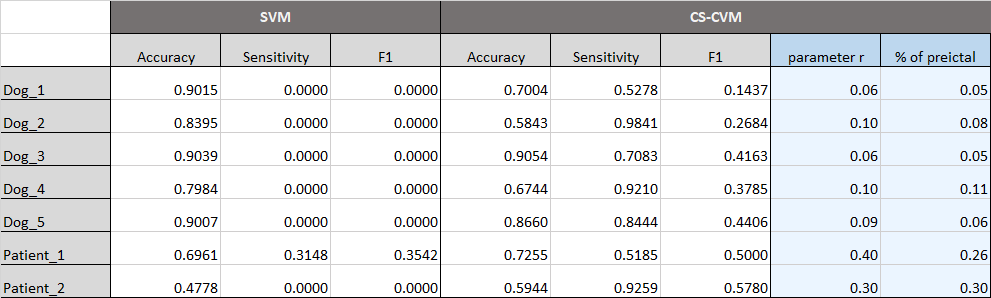


Figure 3. Statistical analyzation for Prediction

A picture containing text

Description automatically generated

A picture containing text

Description automatically generated

Figure 4. Confusion Matrices & CR Graph for the optimal parameters

**Appendix B – Confusion Matrices for LR and ANN.**

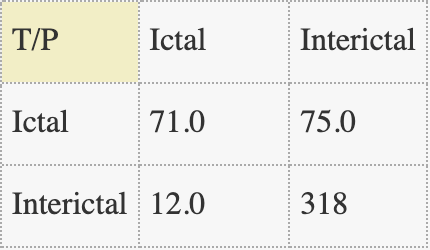
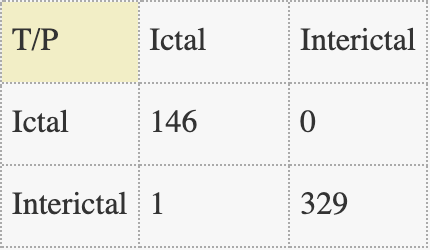
 

Figure 6. ANN for Dog\_1

Figure 5. LR for Dog\_1

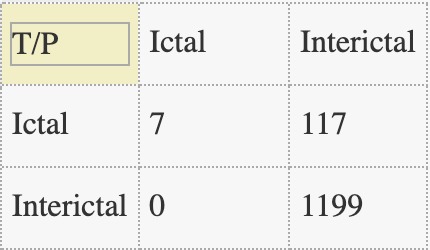
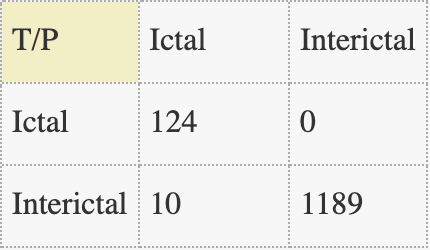
 

Figure 8. ANN for Patient\_8

Figure 7. LR for Patient\_8