

$$\Delta DIt = DItu - DItb \quad (1)$$

$$\Delta DIs = DIsu - DIsb \quad (2)$$

$$\Delta PIt = PItu - PItb \quad (3)$$

$$\Delta PIs = PIsu - PIsb \quad (4)$$

$$relDIt = \Delta DIt/DItu \quad (5)$$

$$relDIs = \Delta DIs/DIsu \quad (6)$$

$$relPIt = \Delta PIt/PItu \quad (7)$$

$$relPIs = \Delta PIs/PIsu \quad (8)$$

$$CNSV\_REL1_{wop} = \hat{P}_{ra}/\hat{P}_A \quad (9)$$

$$CNSV\_REL2_{wop} = \hat{P}_{rm}/\hat{P}_A \quad (10)$$

$$CNSV\_REL1_{pps} = S_{ra} - S_A \quad (11)$$

$$CNSV\_REL2_{pps} = S_{rm} - S_A \quad (12)$$

$$SEN = TP/(TP + FN) \quad (13)$$

$$SPE = TN/(TN + FP) \quad (14)$$

$$ACC = (TP + TN)/(TP + FN + TN + FP) \quad (15)$$

$$PRE = TP/(TP + FP) \quad (16)$$

$$F1 \text{ score} = 2TP/(2TP + FN + FP) \quad (17)$$

$$MCC = \frac{TP \times TN - FP \times FN}{\sqrt{(TP+FP)(TP+FN)(TN+FP)(TN+FN)}} \quad (18)$$

