**P(ST+) =** e**(Y´)/1 +** e**(Y´)**

Being:

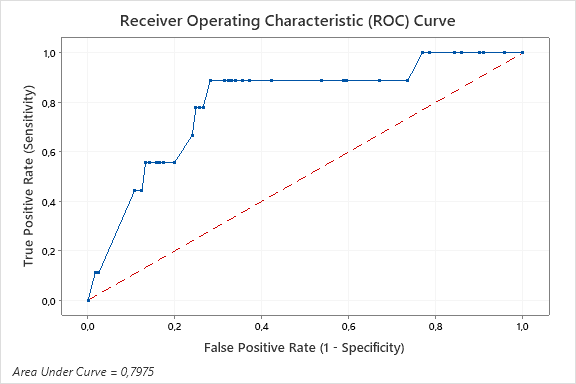
**P(ST+):** Probability to obtain a Positive Skin-Test(between 0 and 1)

​**Number** e**:** Mathematical Constant 2.71828

**Y´:** -3,416 + 1.6 (Involved Iodixanol) – 0.84 (Involved Iohexol) + 1.08 (Isolated Cutaneous Symptomatology) + 1.106 (Previous exposition to Iodinated Contrast Media) + 0.675 (History of Atopy)

**Mathematical formula to predict the outcome of a skin tests with iodinated contrast media**

**R2: 16%**



**ROC Curve of the regression on the prediction of skin test results**

|  |  |  |  |
| --- | --- | --- | --- |
| **Test** | **DF** | **Chi-Square** | **P-Value** |
| ***Deviance*** | 122 | 54,95 | 1,000 |
| ***Pearson*** | 122 | 118,06 | 0,584 |
| ***Hosmer-Lemeshow*** | 6 | 6,96 | 0,325 |

**Results of the Goodness-of-Fit Tests Evaluation**

**Figure 2**