**P(DPT+) =** e**(Y´)/1 +** e**(Y´)**

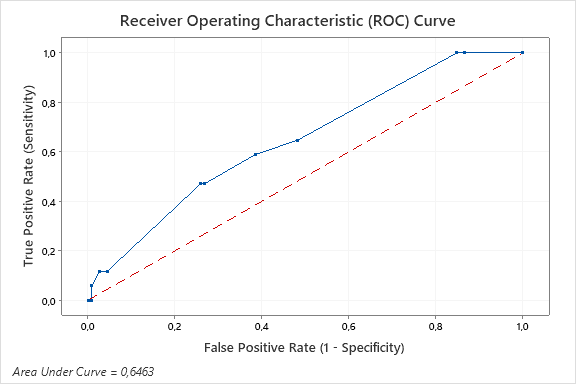
Being:

**P(DPT+):** Probability to obtain a positive Drug Provocation Test(range between 0 and 1)

**Number** e**:** Mathematical Constant 2,71828 ​

**Y´:** - 2.95 + 0.006 (Cardiac disease) + 0.93 (Oncologic disease) + 0.74 (Only cutaneous Symptoms) + 1 (Positive Skin Test)

**Mathematical formula to predict the outcome of iodinated contrast media provocation tests**



**R2: 4.6%**

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

|  |  |  |  |
| --- | --- | --- | --- |
| **Test** | **DF** | **Chi-Square** | **P-Value** |
| ***Deviance*** | 124 | 95,93 | 0,971 |
| ***Pearson*** | 124 | 123,31 | 0,501 |
| ***Hosmer-Lemeshow*** | 4 | 1,31 | 0,859 |

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

**Figure 3**