Summary - Int 7, Group A, 𝚫𝚫G Version

Inbal Lorena Eshel

16/03/25

# *Intermediate 7*

### Model 3P

| formula | R.sq | Q.sq | MAE |
| --- | --- | --- | --- |
| ddg ~ NPA\_34 + dip\_y\_1 + Total\_1 | 0.717 | 0.512 | 0.527 |
| ddg ~ dip\_x\_1 + dip\_y\_1 + Total\_1 | 0.697 | 0.468 | 0.640 |

***3-Fold cross-validation***

| Q2 | MAE |
| --- | --- |
| 0.447 | 0.638 |

***Multicollinearity check***

|  | x |
| --- | --- |
| NPA\_34 | 1.632 |
| dip\_y\_1 | 4.339 |
| Total\_1 | 3.434 |

***Scaled Coefficients:***

|  | Estimate | Std. Error | t value | Pr(>|t|) |
| --- | --- | --- | --- | --- |
| (Intercept) | 1.122 | 0.145 | 7.750 | 0.0000020 |
| NPA\_34 | 0.954 | 0.190 | 5.013 | 0.0001900 |
| dip\_y\_1 | -1.296 | 0.310 | -4.177 | 0.0009311 |
| Total\_1 | -1.342 | 0.276 | -4.859 | 0.0002528 |