Summary - Int 2, Group C

# *Intermidiate 2*

### Full model - 2 parameters

| formula | R.sq | Q.sq | MAE |
| --- | --- | --- | --- |
| Yield ~ Dist.3..9. + Total + NPA\_33 + Pol.aniso | 0.8722115 | 0.8091151 | 5.308193 |
| Yield ~ Total + NPA\_33 + diff.3.9 + Pol.aniso | 0.8662487 | 0.7995696 | 5.295575 |

***Multicollinearity check***

|  | x |
| --- | --- |
| Dist.3..9. | 1.139109 |
| Total | 1.178117 |
| NPA\_33 | 1.265676 |
| Pol.aniso | 1.316747 |

***Scaled Coefficients:***

|  | Estimate | Std. Error | t value | Pr(>|t|) |
| --- | --- | --- | --- | --- |
| (Intercept) | 56.285714 | 1.271110 | 44.280760 | 0.0000000 |
| Dist.3..9. | -4.383166 | 1.390146 | -3.153026 | 0.0061560 |
| Total | -8.156205 | 1.413748 | -5.769208 | 0.0000288 |
| NPA\_33 | 6.361537 | 1.465342 | 4.341332 | 0.0005052 |
| Pol.aniso | -8.555052 | 1.494613 | -5.723923 | 0.0000314 |

