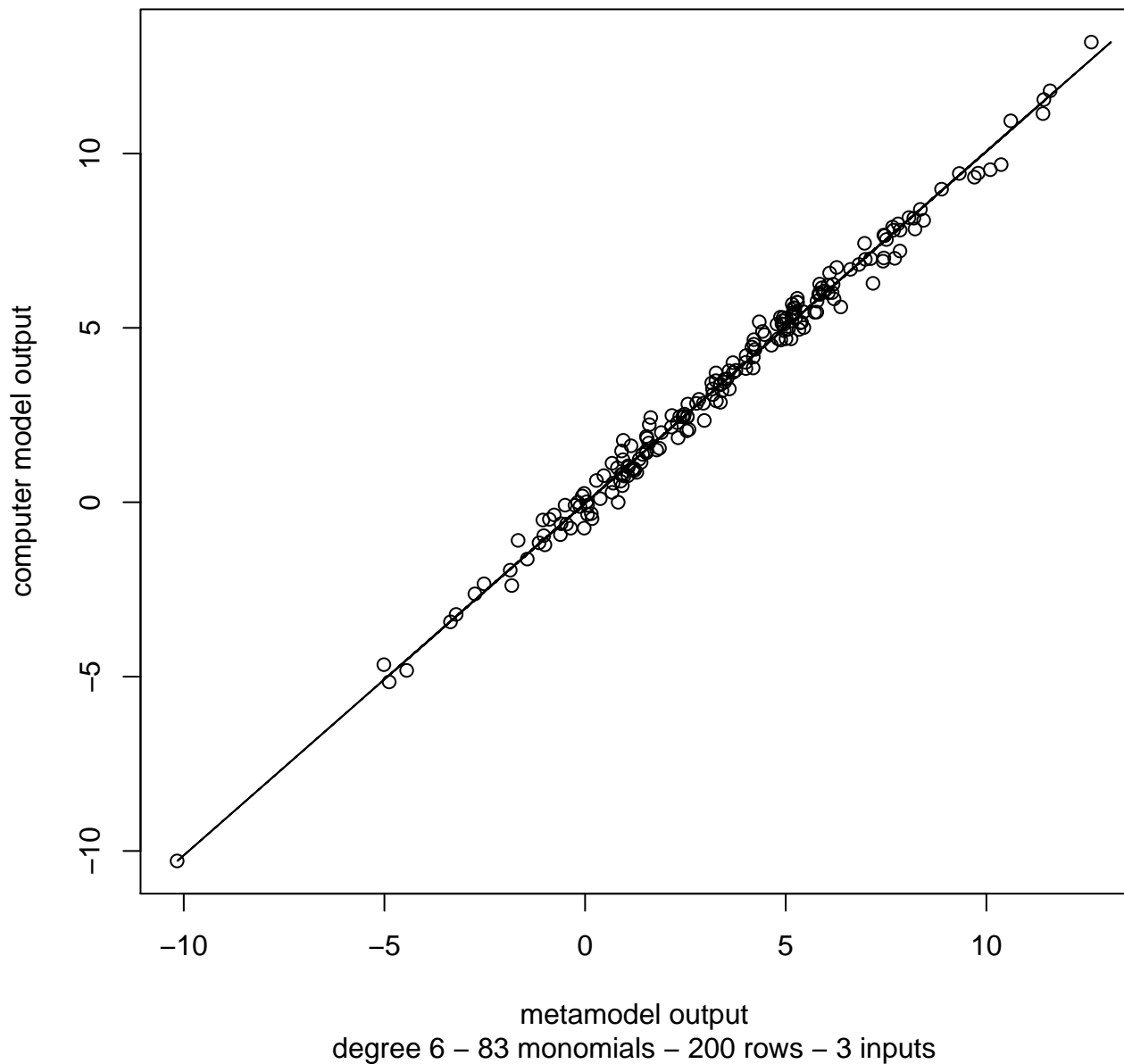
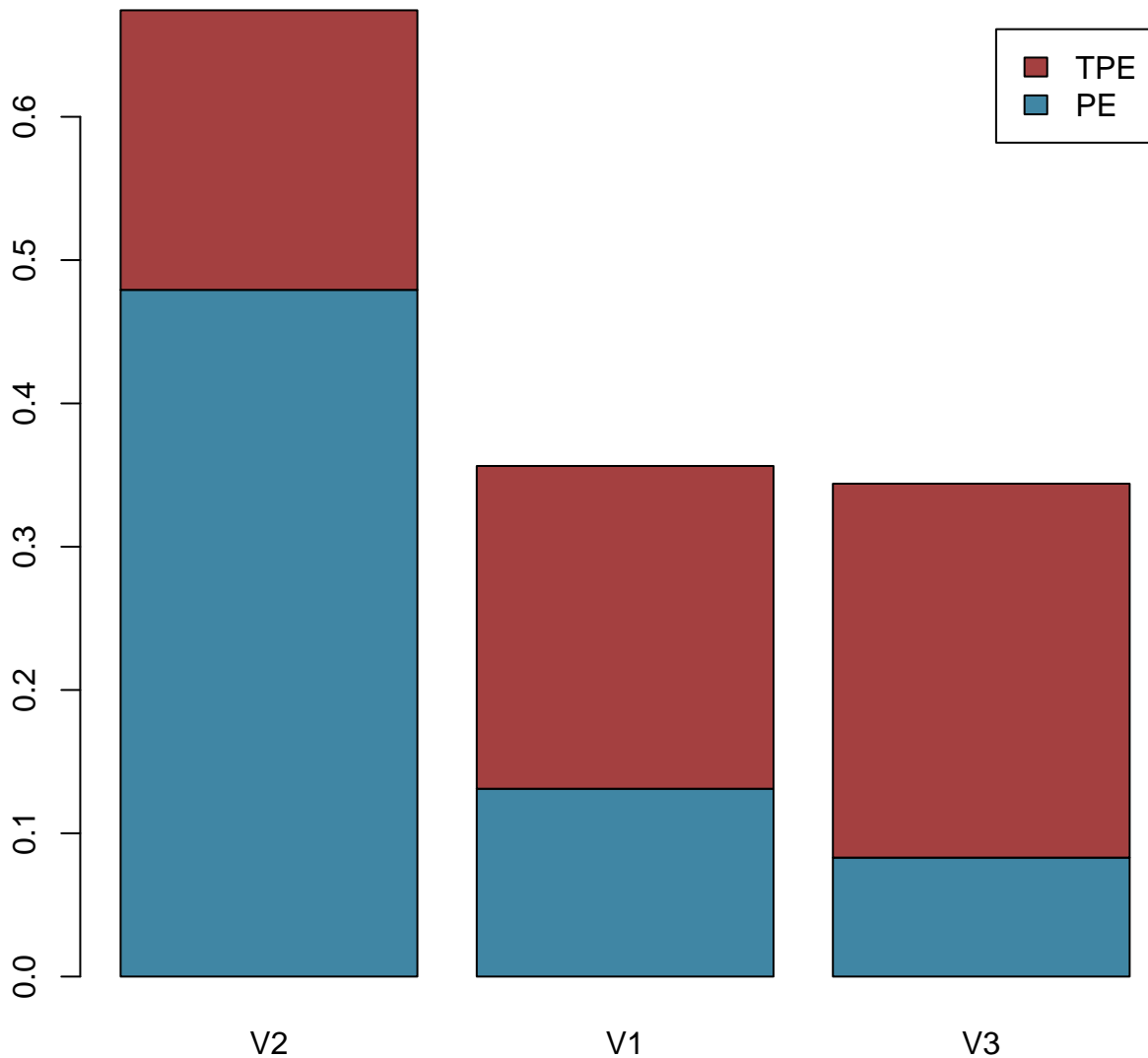


**Scatter plot and regression line**

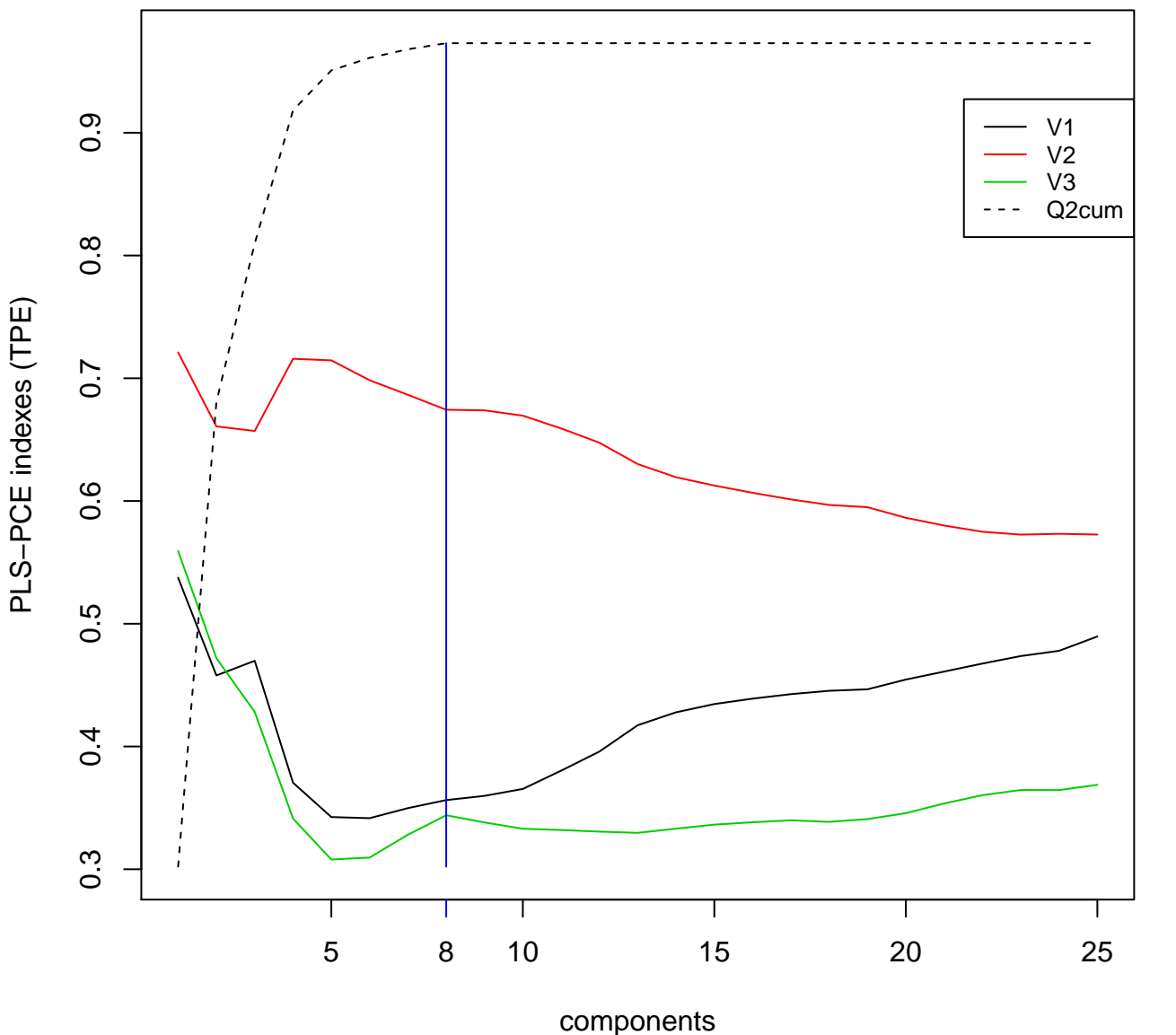


**Polynomial (PE) and Total (TPE) PLS-PCE sensivity indexes**



degree 6 – 83 monomials – 200 rows – 3 inputs

**Total PLS-PCE sensivity indexes against components**



Optimal number of components: 8 – degree 6 – 83 monomials – 200 rows – 3 inputs