| **Feature**  | **Slope**  | **p (slope)**  | **Marginal R2**  | **Conditional R2**  | **Slope (min)**  | **Slope (max)**  | **p (vs linear)**  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| PC1  | -2.43039  | 1.09e-15  | 0.49546  | 0.73250  | -3.16508  | -2.07375  | 3.85e-37  |
| PC2  | 0.95274  | 1.05e-04  | 0.09300  | 0.80751  | -1.07715  | 2.11870  | 2.20e-97  |
| PC3  | 0.25634  | 1.73e-01  | 0.01187  | 0.51214  | -0.43529  | 1.11058  | 2.96e-38  |
| PC4  | -0.26629  | 2.53e-01  | 0.00941  | 0.79049  | -1.47231  | 1.06858  | 4.44e-63  |
| PC5  | -0.11523  | 4.01e-01  | 0.00390  | 0.43605  | -0.49011  | 0.44713  | 3.11e-24  |
| PC6  | -0.01593  | 9.03e-01  | 0.00006  | 0.64068  | -1.12576  | 1.08530  | 7.97e-31  |
| PC7  | -0.06543  | 4.90e-01  | 0.00249  | 0.05729  | -0.18346  | 0.07602  | 2.94e-02  |
| PC8  | -0.01011  | 9.03e-01  | 0.00007  | 0.23752  | -0.31346  | 0.24928  | 3.49e-10  |
| PC9  | -0.13548  | 3.95e-02  | 0.01617  | 0.18557  | -0.22543  | 0.08319  | 4.98e-12  |
| PC10  | -0.01408  | 9.03e-01  | 0.00031  | 0.04810  | -0.02747  | -0.00033  | 8.19e-02  |
| PC11  | -0.00545  | 9.03e-01  | 0.00007  | 0.02613  | -0.00794  | -0.00382  | 2.74e-01  |
| PC12  | -0.07795  | 1.50e-02  | 0.02402  | 0.08892  | -0.19333  | 0.01590  | 7.02e-04  |