|  |  |  |  |
| --- | --- | --- | --- |
|  | SVM Polynomial | Neuronal Network | super-efficiency radial model |
| SVM Polynomial | 1.000 | 0.688 | 0.673 |
| Neuronal Network | 0.688 | 1.000 | 0.977 |
| super-efficiency radial model | 0.673 | 0.977 | 1.000 |

The correlation matrix shows the relationships between SVM Polynomial, Neural Network, and the super-efficiency radial model, excluding the 8 DMUs that are infeasible according to the super-efficiency radial model. The correlation between SVM Polynomial and Neural Network is 0.688, and between SVM Polynomial and the super-efficiency radial model is 0.673, indicating moderate positive relationships. The highest correlation, 0.977, is observed between Neural Network and the super-efficiency radial model, suggesting a strong alignment between both methods. This implies that neural networks can effectively capture the efficiency patterns identified by DEA, making Neural Network a robust substitute for DEA in certain contexts.

Castellano:  
La matriz de correlación muestra las relaciones entre SVM Polynomial, Neural Network y el modelo de super-eficiencia radial, excluyendo las 8 DMUs que son inviables según el modelo de super-eficiencia radial. La correlación entre SVM Polynomial y Neural Network es de 0.688, y entre SVM Polynomial y el modelo de super-eficiencia radial es de 0.673, indicando relaciones positivas moderadas. La correlación más alta, de 0.977, se observa entre Neural Network y el modelo de super-eficiencia radial, sugiriendo una fuerte alineación entre ambos métodos. Esto implica que las redes neuronales pueden capturar eficazmente los patrones de eficiencia identificados por el DEA, haciendo de Neural Network un sustituto robusto para el DEA en ciertos contextos.