Parent 1	Special crossover for the DR genes										
Instance Selection	Feature Selection	Numerical Imputer		Scaler		Categorical Imputer		Encoder		Predictive Model	
[3, 0, 2, 1, 5, 9]	[0, 1, 5, 8, 3, 4, 9, 2]	SimpleImputer		MinMaxScaler		SimpleImputer		OneHotEncoder		LogisticRegression	
		Param1	Param2	Param1	Param2	Param1	Param2	Param1	Param2	Param1	Param2
Parent 2	Feature Selection	Numerical Imputer		Scaler		Categorical Imputer		Encoder		Predictive Model	
	[1 7 2 5 6]	SimpleImputer		RobustScaler		SimpleImputer		OneHotEncoder		RandomForestClassifier	
	[1, 7, 2, 5, 6]	Param1	Param2	Param1	Param2	Param1	Param2	Param1	Param2	Param1	Param2
•		.:									
	Special crossover for the DR genes Uniform  Crossover										
Offspring 1					_						
Offspring 1 Instance Selection		Numerica	ıl Imputer	Sca	_	over	al Imputer	Enc	oder	Predicti	ve Model
Instance Selection	for the DR genes Feature Selection		I Imputer		Cross	over Categoric	al Imputer I <b>mputer</b>		oder <b>Encoder</b>		ve Model egression
-	for the DR genes				Crosse	over Categoric					
Instance Selection	for the DR genes Feature Selection	Simplel	Imputer Param2	Robus Param1	Crosse aler tScaler	Categoric Simple Param1	Imputer	OneHot Param1	Encoder	LogisticR Param1	egression
Instance Selection [3, 0, 2, 1, 5, 9]	Feature Selection  [0, 1, 5, 8, 6]  Feature Selection	Simplel Param1 Numerica	Imputer Param2	Param1	Crosse aler tScaler Param2	Categoric Simple Param1 Categoric	Imputer Param2	OneHot Param1 Enc	Encoder Param2	LogisticR Param1 Predictive	egression Param2
Instance Selection [3, 0, 2, 1, 5, 9]	Feature Selection  [0, 1, 5, 8, 6]	Simplel Param1 Numerica	Param2	Param1	Crosse aler tScaler Param2	Categoric Simple Param1 Categoric	Param2	OneHot Param1 Enc	Encoder Param2 oder	LogisticR Param1 Predictive	egression Param2 ve Model