

K2_score = -6700.5

pop_size = 10

mutation_prob = 0.9

genetic_scheme_type = GeneticSchemeTypeEnum.steady_state

selection_types = SelectionTypeEnum.tournament

mutation_types = [
 <function reverse_mutation at 0x0000020FA3EC7280>, <function single_edge_mutation at 0x0000020FA3EC71F0>]

crossover_types = [<function custom_crossover at 0x0000020FA3EC70D0>]

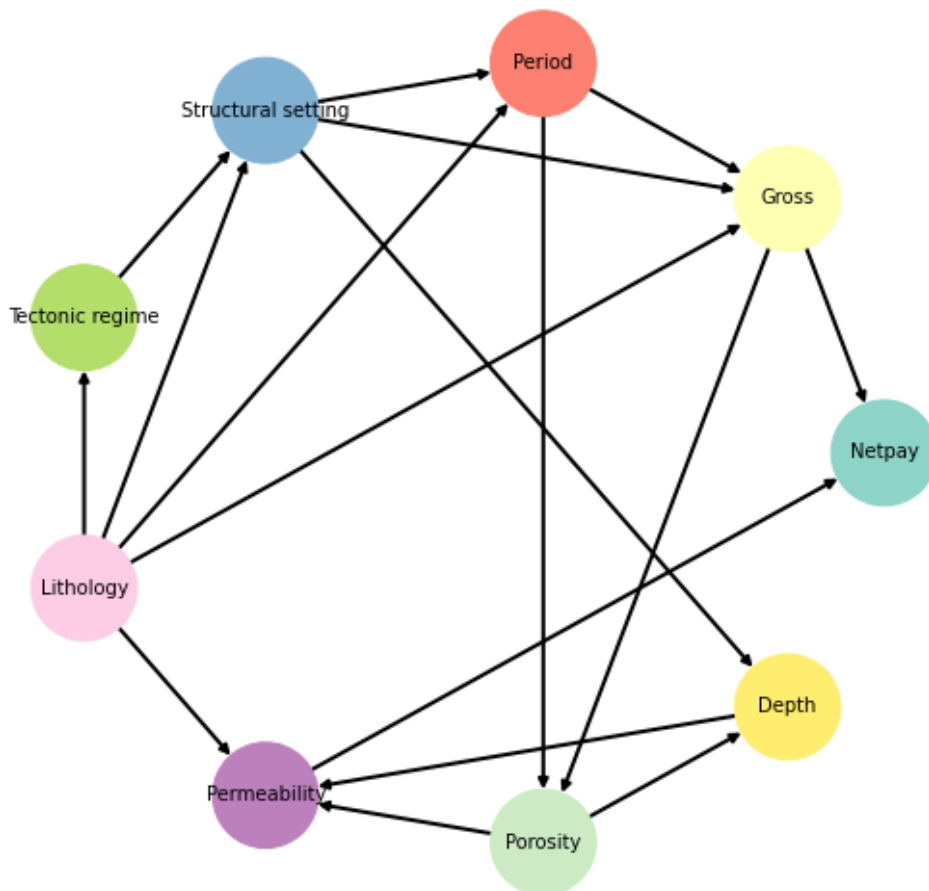
stopping_after_n_generation = 10

actual_generation_num = 18

Nodes: [Netpay, Gross, Period, Structural setting, Tectonic regime, Lithology, Permeability, Porosity, Depth]

Edges: [('Gross', 'Netpay'), ('Gross', 'Porosity'), ('Period', 'Gross'), ('Period', 'Porosity'), ('Structural setting', 'Gross'), ('Structural setting', 'Period'), ('Structural setting', 'Depth'), ('Tectonic regime', 'Structural setting'), ('Lithology', 'Gross'), ('Lithology', 'Period'), ('Lithology', 'Structural setting'), ('Lithology', 'Tectonic regime'), ('Lithology', 'Permeability'), ('Permeability', 'Netpay'), ('Porosity', 'Permeability'), ('Porosity', 'Depth'), ('Depth', 'Permeability')]

Current graph



Bic_score = -405540.18

pop_size = 10

mutation_prob = 0.9

genetic_scheme_type = GeneticSchemeTypeEnum.steady_state

selection_types = SelectionTypeEnum.tournament

mutation_types = [
0x0000020FA3EC7280>, <function reverse_mutation at
0x0000020FA3EC71F0>], <function single_edge_mutation at

crossover_types = [<function custom_crossover at 0x0000020FA3EC70D0>]

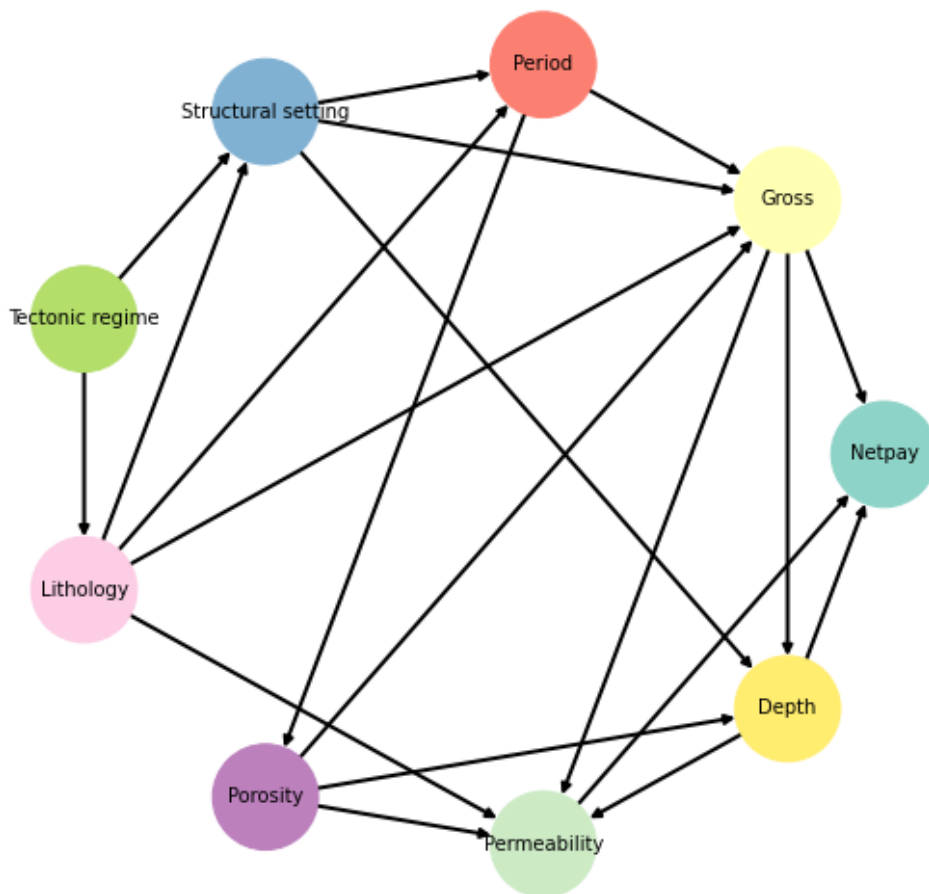
stopping_after_n_generation = 10

actual_generation_num = 26

Nodes: [Netpay, Gross, Period, Structural setting, Tectonic regime, Lithology, Porosity, Permeability, Depth]

Edges: [('Gross', 'Netpay'), ('Gross', 'Permeability'), ('Gross', 'Depth'), ('Period', 'Gross'), ('Period', 'Porosity'), ('Structural setting', 'Gross'), ('Structural setting', 'Period'), ('Structural setting', 'Depth'), ('Tectonic regime', 'Structural setting'), ('Tectonic regime', 'Lithology'), ('Lithology', 'Gross'), ('Lithology', 'Period'), ('Lithology', 'Structural setting'), ('Lithology', 'Permeability'), ('Porosity', 'Gross'), ('Porosity', 'Permeability'), ('Porosity', 'Depth'), ('Permeability', 'Netpay'), ('Depth', 'Netpay'), ('Depth', 'Permeability')]

Current graph



BDeu_score = -8573.69

pop_size = 10

mutation_prob = 0.9

genetic_scheme_type = GeneticSchemeTypeEnum.steady_state

selection_types = SelectionTypeEnum.tournament

mutation_types = [<function reverse_mutation at 0x0000020FA3EC7280>, <function single_edge_mutation at 0x0000020FA3EC71F0>]

crossover_types = [<function custom_crossover at 0x0000020FA3EC70D0>]

stopping_after_n_generation = 10

actual_generation_num = 19

Nodes: [Permeability, Lithology, Structural setting, Tectonic regime, Period, Porosity, Gross, Depth, Netpay]

Edges: [('Lithology', 'Permeability'), ('Lithology', 'Porosity'), ('Lithology', 'Gross'), ('Structural setting', 'Lithology'), ('Structural setting', 'Period'), ('Structural setting', 'Gross'), ('Structural setting', 'Depth'), ('Tectonic regime', 'Structural setting'), ('Period', 'Lithology'), ('Period', 'Porosity'), ('Period', 'Gross'), ('Porosity', 'Permeability'), ('Porosity', 'Gross'), ('Porosity', 'Depth'), ('Gross', 'Permeability'), ('Gross', 'Netpay'), ('Depth', 'Permeability'), ('Netpay', 'Depth')]

Current graph

