pop\_size = 10 mutation\_prob = 0.9

genetic\_scheme\_type = GeneticSchemeTypesEnum.steady\_state

selection\_types = SelectionTypesEnum.tournament

mutation\_types = [<function reverse\_mutation at

0x0000020F9B5C8E50>]

crossover\_types = [<function custom\_crossover at 0x0000020F9B5C8CA0>]

stopping\_after\_n\_generation = 10

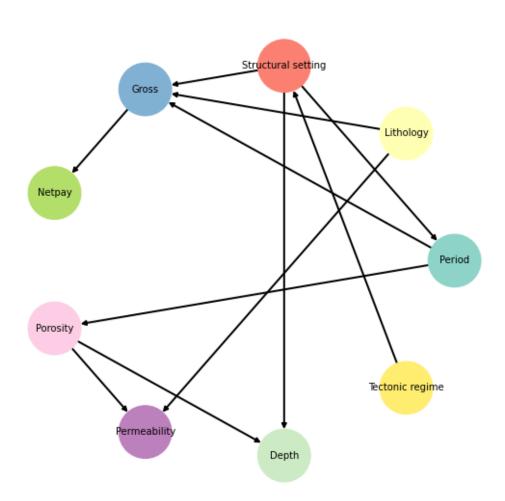
actual\_generation\_num = 11

Nodes: [Period, Lithology, Structural setting, Gross, Netpay, Porosity,

Permeability, Depth, Tectonic regime]

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

Current graph



pop size = 10 $mutation\_prob = 0.9$ 

genetic\_scheme\_type = GeneticSchemeTypesEnum.steady\_state

selection\_types = SelectionTypesEnum.tournament

mutation\_types [<function reverse mutation at

0x0000020F9B5C8E50>1

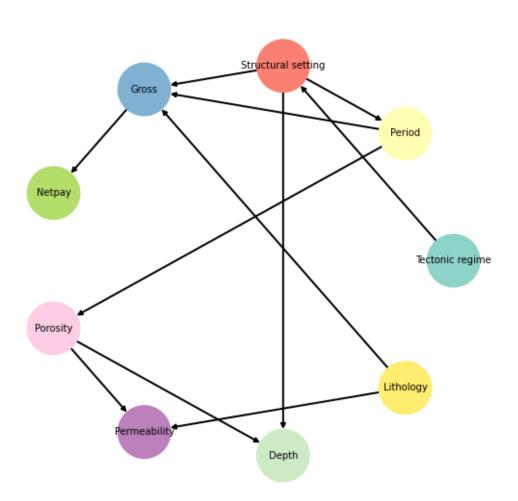
crossover\_types = [<function custom\_crossover at 0x0000020F9B5C8CA0>] stopping after n generation = 10

actual\_generation\_num = 11

Nodes: [Tectonic regime, Period, Structural setting, Gross, Netpay, Porosity,

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

Current graph



## BDeu score = -7310.42

pop\_size = 10 mutation\_prob = 0.9

genetic\_scheme\_type = GeneticSchemeTypesEnum.steady\_state

selection\_types = SelectionTypesEnum.tournament

mutation\_types = [<function reverse\_mutation at

0x0000020F9B5C8E50>]

crossover\_types = [<function custom\_crossover at 0x0000020F9B5C8CA0>] stopping\_after\_n\_generation = 10

actual\_generation\_num = 11

Nodes: [Period, Lithology, Gross, Netpay, Permeability, Depth, Tectonic regime,

Porosity, Structural setting]

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

Current graph

