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For 70 max number of evadable atacks is 2415

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Queens RHC for 70 run for 11.742036581039429 seconds with the best score of 2406.0

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Queens SA for 70 run for 14.320857524871826 seconds with the best score of 2412.0

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Queens GA for 70 run for 57.458630323410034 seconds with the best score of 2403.0

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Queens MIMIC for 70 run for 104.21742868423462 seconds with the best score of 2390.0

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KS RHC for 500 run for 0.0906369686126709 seconds with the best score of 11360.118950691456

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KS SA for 500 run for 0.1793985366821289 seconds with the best score of 11319.13205558213

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KS GA for 500 run for 3.888370990753174 seconds with the best score of 11662.256784289122

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KS MIMIC for 500 run for 808.6216249465942 seconds with the best score of 7365.2156932167545

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KC RHC for 400 run for 1.1421840190887451 seconds with the best score of 339.0

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KC SA for 400 run for 9.626774072647095 seconds with the best score of 352.0

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KC GA for 400 run for 27.49899697303772 seconds with the best score of 347.0

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KC MIMIC for 400 run for 339.79472756385803 seconds with the best score of 340.0

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Regular classifier perfomance trained in 0.22690320014953613 seconds

precision recall f1-score support

0 0.9231 0.8571 0.8889 14

1 0.8500 0.7727 0.8095 22

2 0.9412 0.9412 0.9412 34

3 0.8235 1.0000 0.9032 14

4 0.8750 1.0000 0.9333 28

5 1.0000 0.9767 0.9882 43

6 0.7826 0.7500 0.7660 24

micro avg 0.9006 0.9106 0.9056 179

macro avg 0.8851 0.8997 0.8900 179

weighted avg 0.9019 0.9106 0.9045 179

samples avg 0.8939 0.9106 0.8994 179

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RHC classifier perfomance trained in 147.64694333076477 seconds

precision recall f1-score support

0 0.9286 0.9286 0.9286 14

1 0.7826 0.8182 0.8000 22

2 0.9143 0.9412 0.9275 34

3 0.9286 0.9286 0.9286 14

4 0.9000 0.9643 0.9310 28

5 1.0000 1.0000 1.0000 43

6 0.8500 0.7083 0.7727 24

micro avg 0.9106 0.9106 0.9106 179

macro avg 0.9006 0.8984 0.8983 179

weighted avg 0.9101 0.9106 0.9092 179

samples avg 0.9106 0.9106 0.9106 179

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SA classifier perfomance trained in 221.1751787662506 seconds

precision recall f1-score support

0 0.7500 0.6429 0.6923 14

1 0.6667 0.7273 0.6957 22

2 0.8421 0.9412 0.8889 34

3 0.8000 0.8571 0.8276 14

4 0.8387 0.9286 0.8814 28

5 1.0000 1.0000 1.0000 43

6 0.7500 0.5000 0.6000 24

micro avg 0.8380 0.8380 0.8380 179

macro avg 0.8068 0.7996 0.7980 179

weighted avg 0.8351 0.8380 0.8317 179

samples avg 0.8380 0.8380 0.8380 179

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GA classifier perfomance trained in 357.4682602882385 seconds

precision recall f1-score support

0 0.8750 0.5000 0.6364 14

1 0.0000 0.0000 0.0000 22

2 0.7391 1.0000 0.8500 34

3 0.6842 0.9286 0.7879 14

4 0.8235 1.0000 0.9032 28

5 0.9535 0.9535 0.9535 43

6 0.6207 0.7500 0.6792 24

micro avg 0.7877 0.7877 0.7877 179

macro avg 0.6709 0.7332 0.6872 179

weighted avg 0.7034 0.7877 0.7343 179

samples avg 0.7877 0.7877 0.7877 179

6.39863920211792 seconds

77.15460205078125 seconds

160.59685802459717 seconds

363.6101417541504 seconds