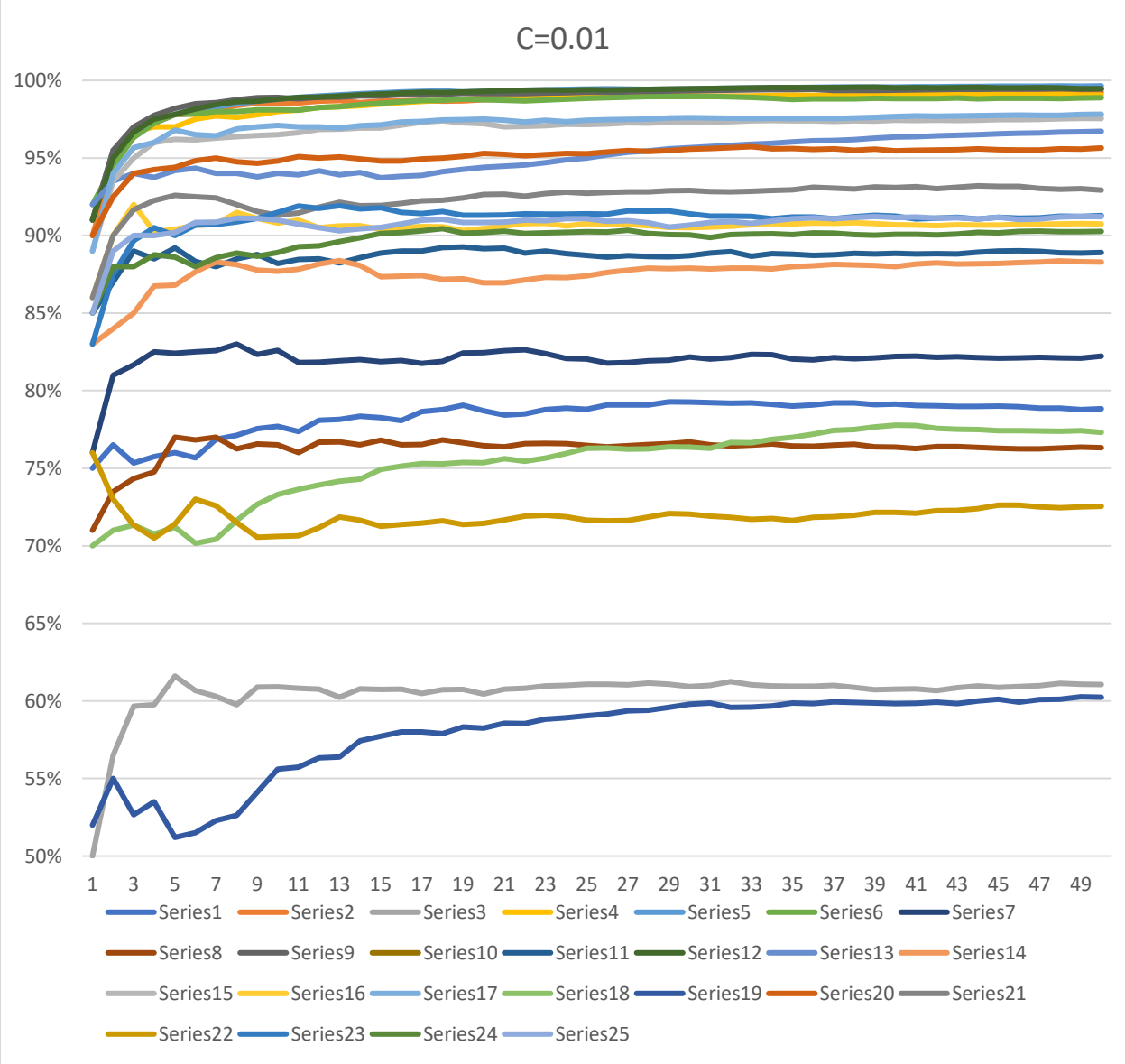
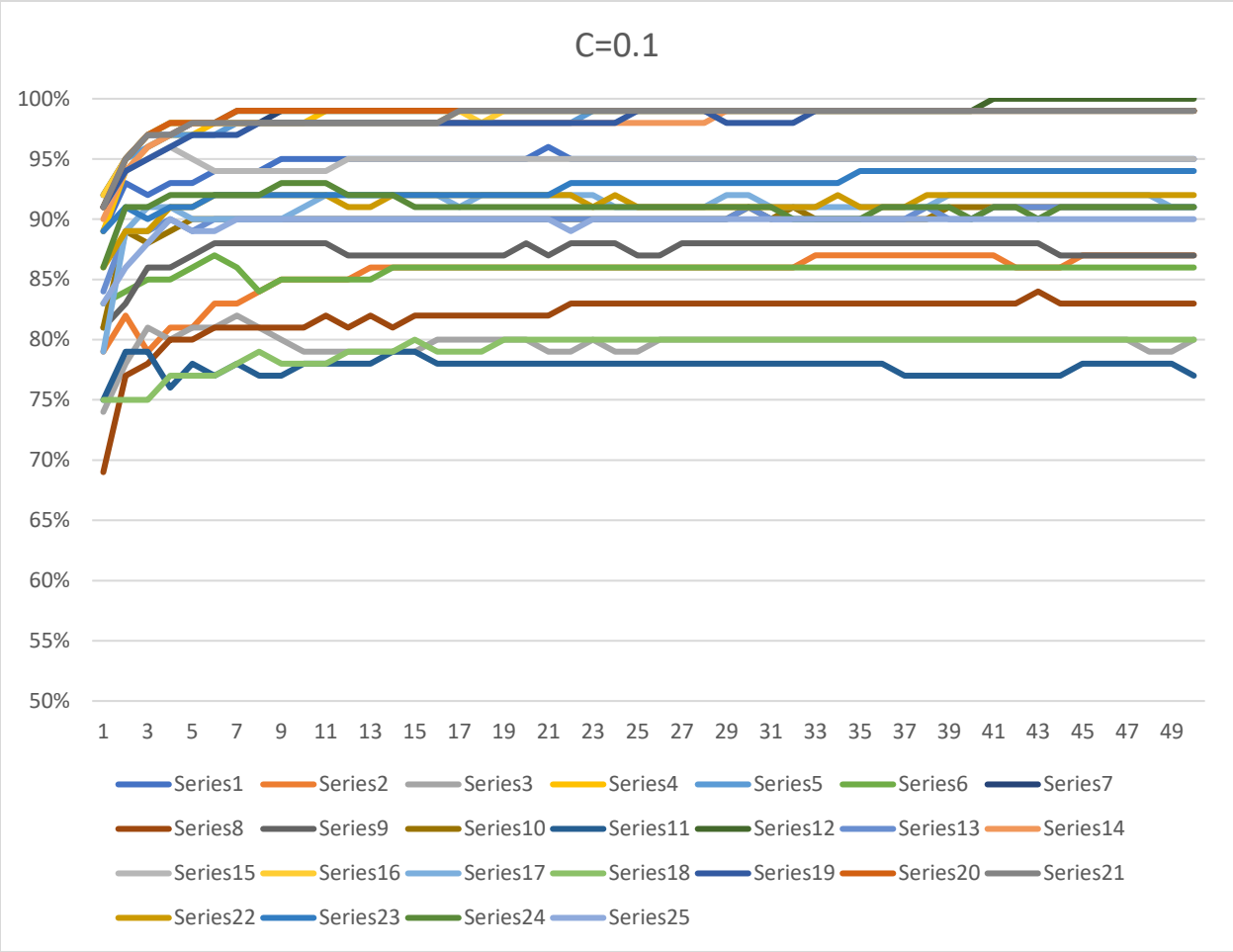
These graphs show average rewards over lifetime for different values of the exploration constant C.

C=0.01 has the runs with highest average rewards but also has many outliers runs where the run does not explore for actions with higher rewards but instead keeps exploiting their current optimal action.

C=0.1 has the runs with high average rewards without outliers. As C increases the runs become more varied with their average rewards.

C=1 has the runs with the lowest average rewards over lifetime because it explores too much and does not exploit what it has found to be the optimal actions.




C=0.1
100%
95%
90%
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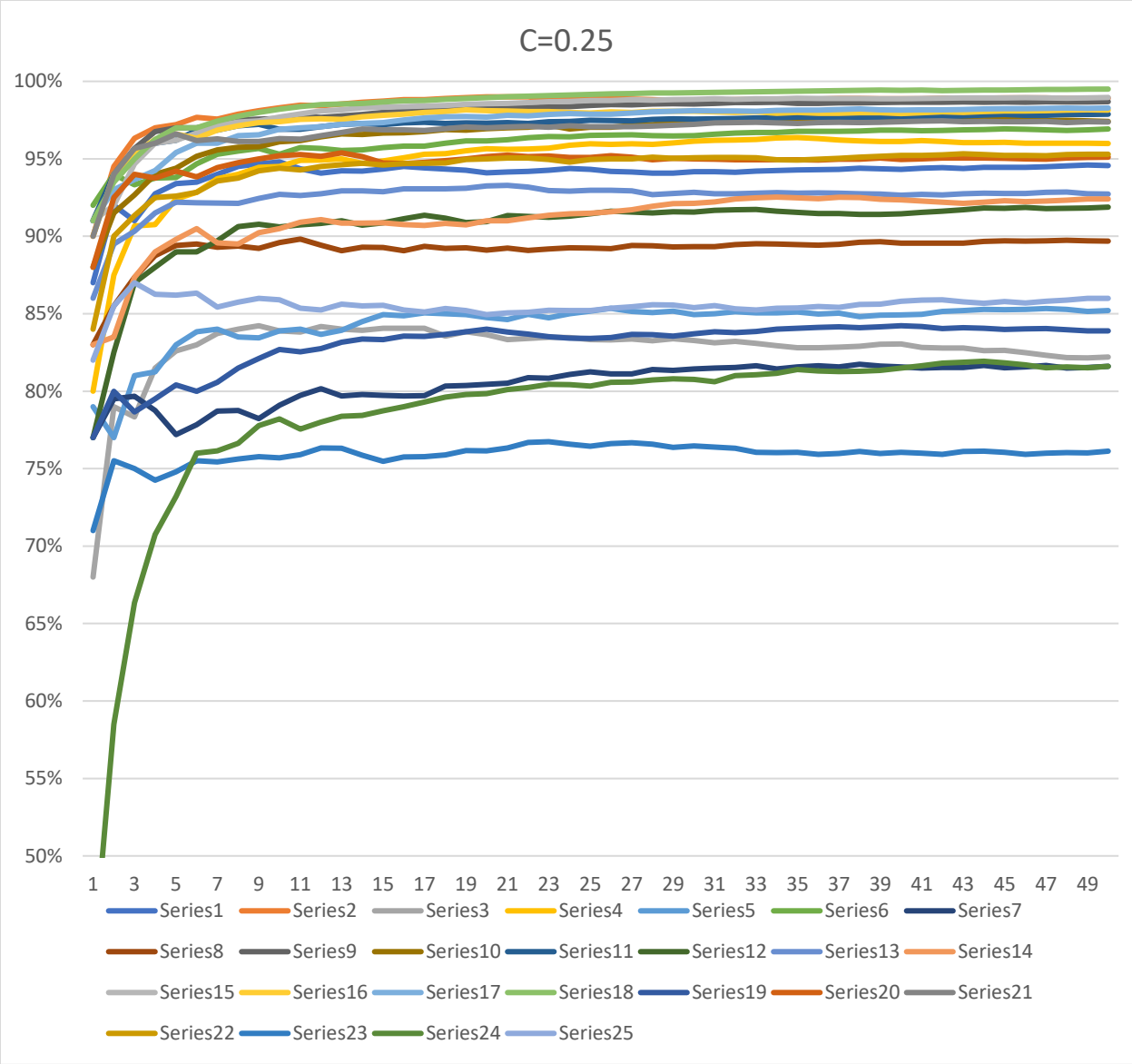
1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41 43 45 47 49
Series1 Series2 Series3 Series4 Series5 Series6 Series7
Series8 Series9 Series10 Series11 Series12 Series13 Series14
Series15 Series16 Series17 Series18 Series19 Series20 Series21
Series22 Series23 Series24 Series25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Series1 Series2 Series3 Series4 Series5 Series6 Series7
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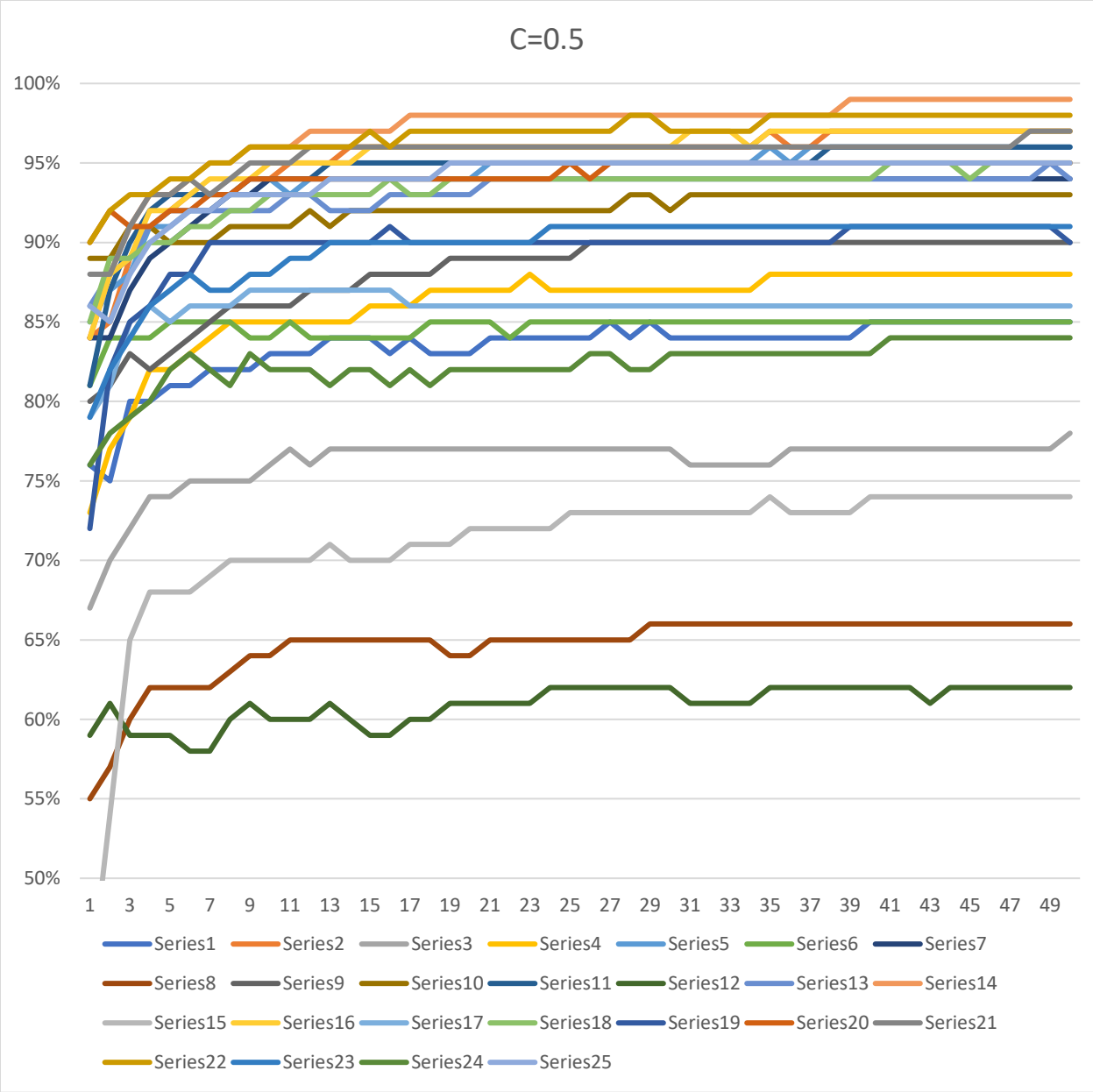
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1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41 43 45 47 49
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Series15 Series16 Series17 Series18 Series19 Series20 Series21
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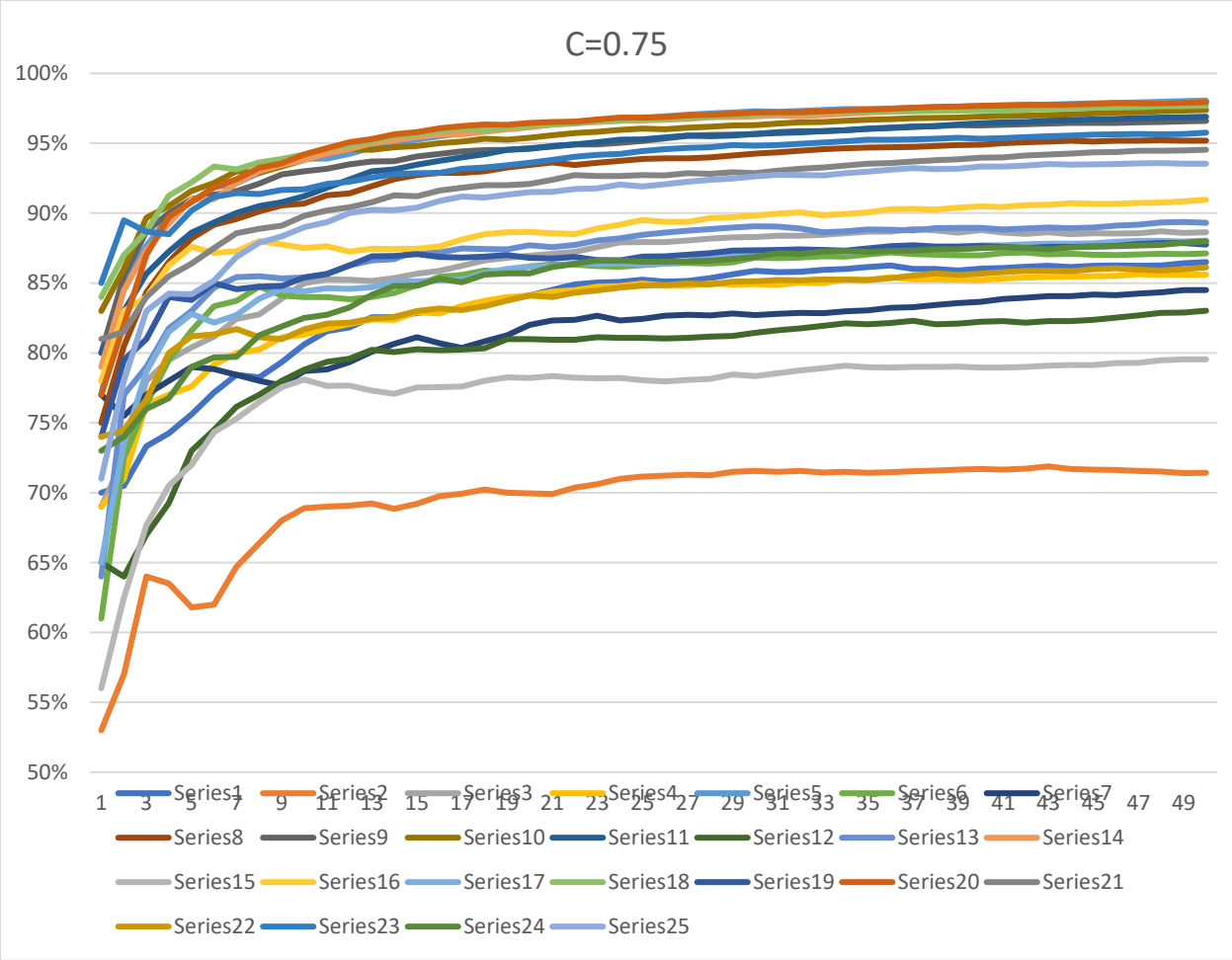
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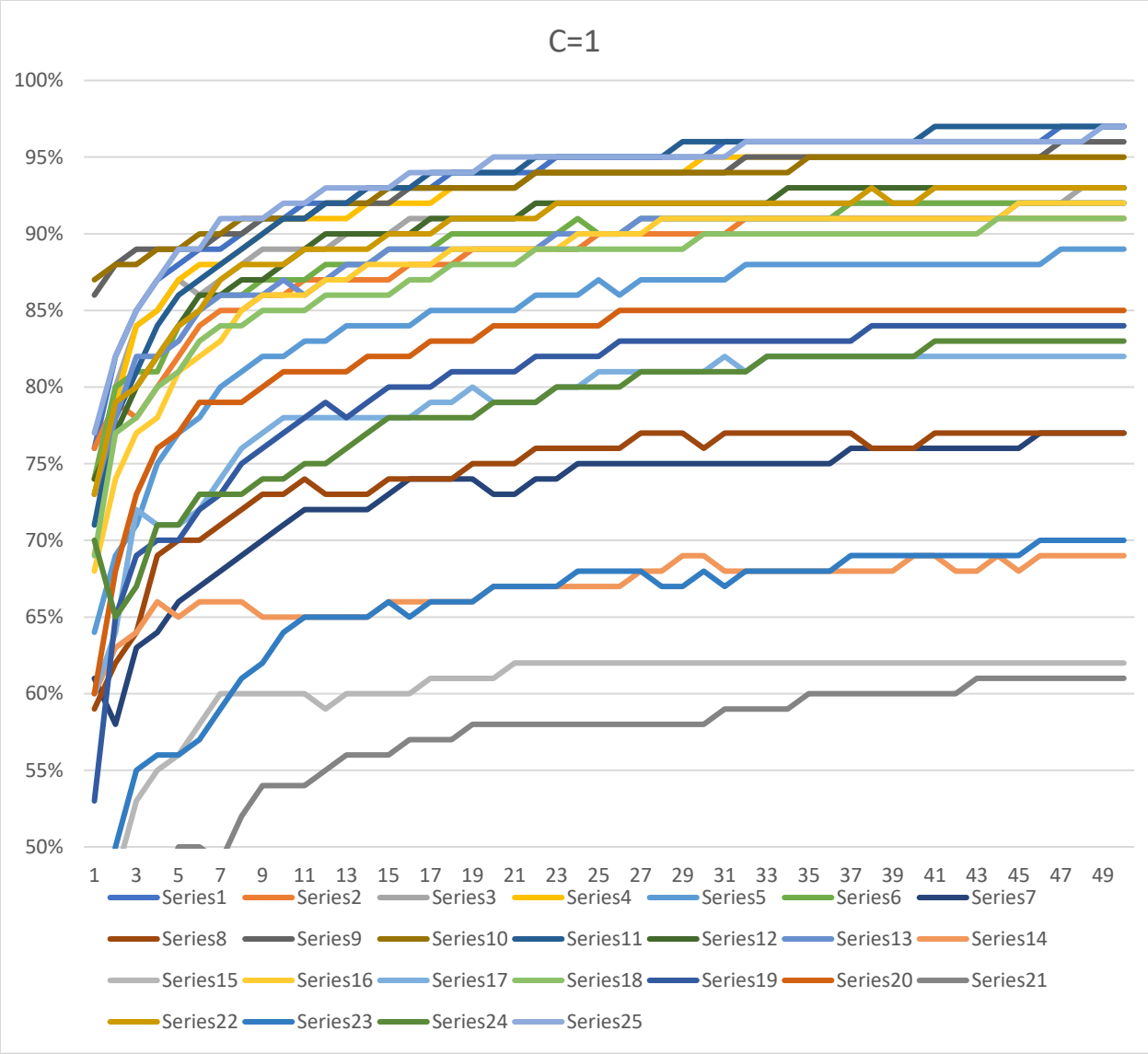
Series1 Series2 Series3 Series4 Series5 Series6 Series7
Series8 Series9 Series10 Series11 Series12 Series13 Series14
Series15 Series16 Series17 Series18 Series19 Series20 Series21
Series22 Series23 Series24 Series25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Series1 Series2 Series3 Series4 Series5 Series6 Series7
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Series15 Series16 Series17 Series18 Series19 Series20 Series21
Series22 Series23 Series24 Series25