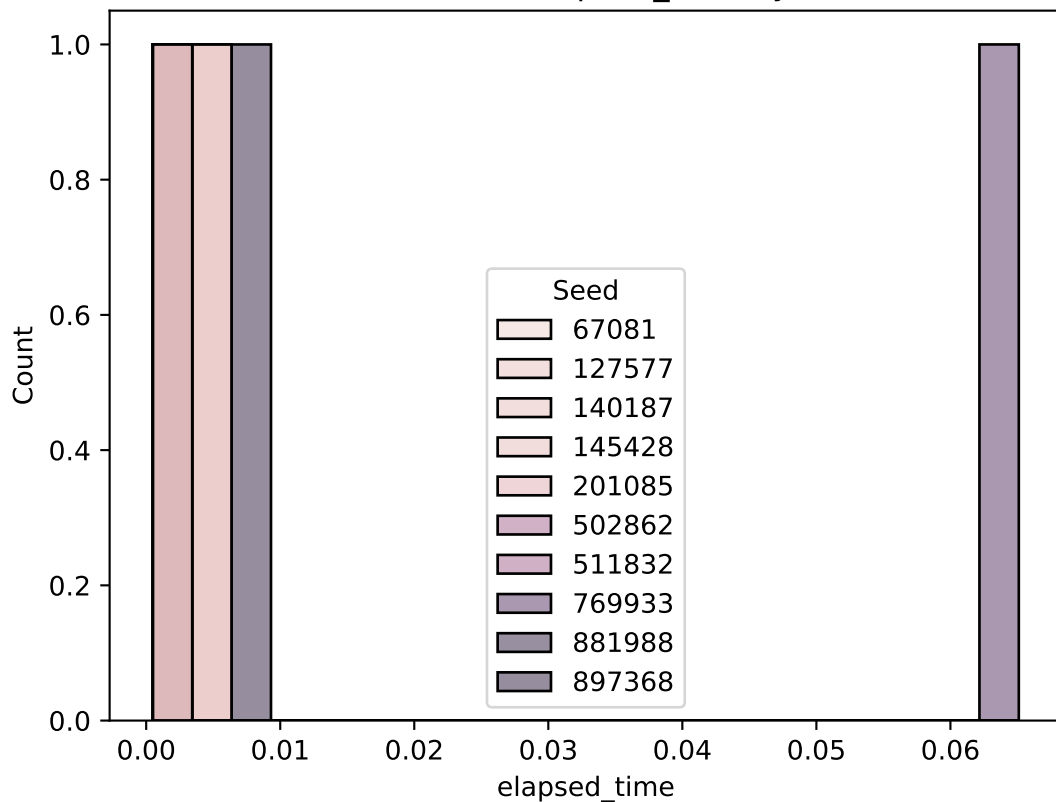
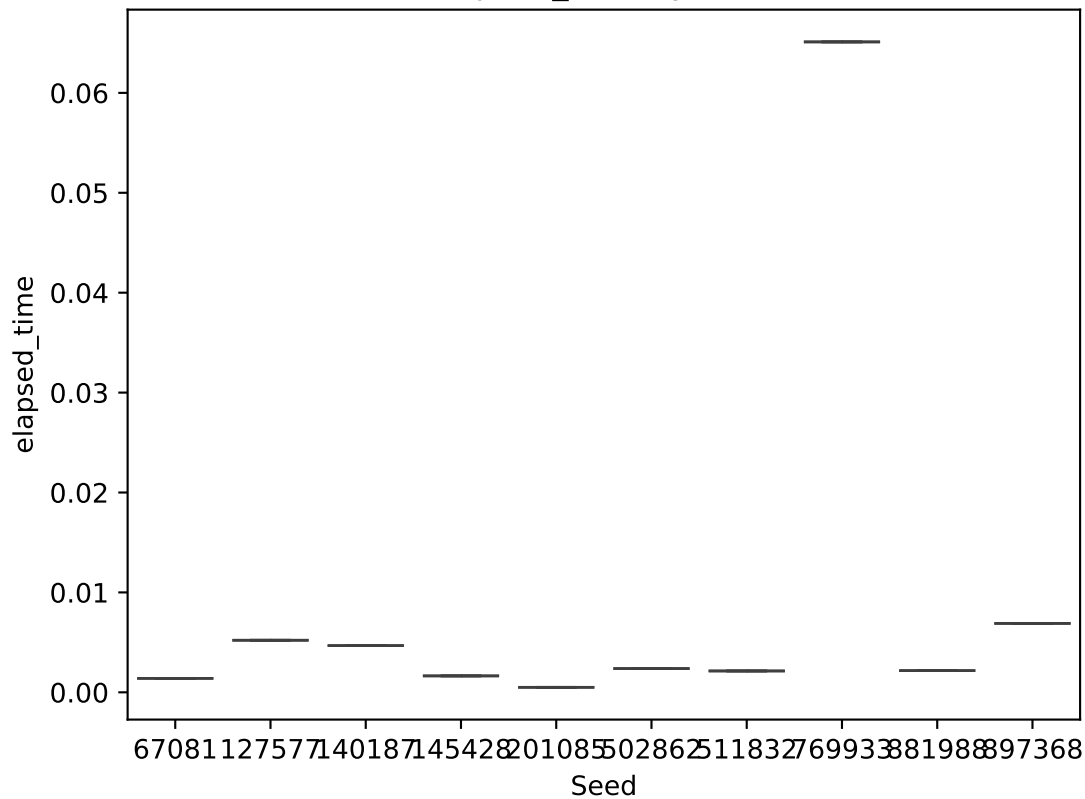


Distribution of elapsed\_time by Seed



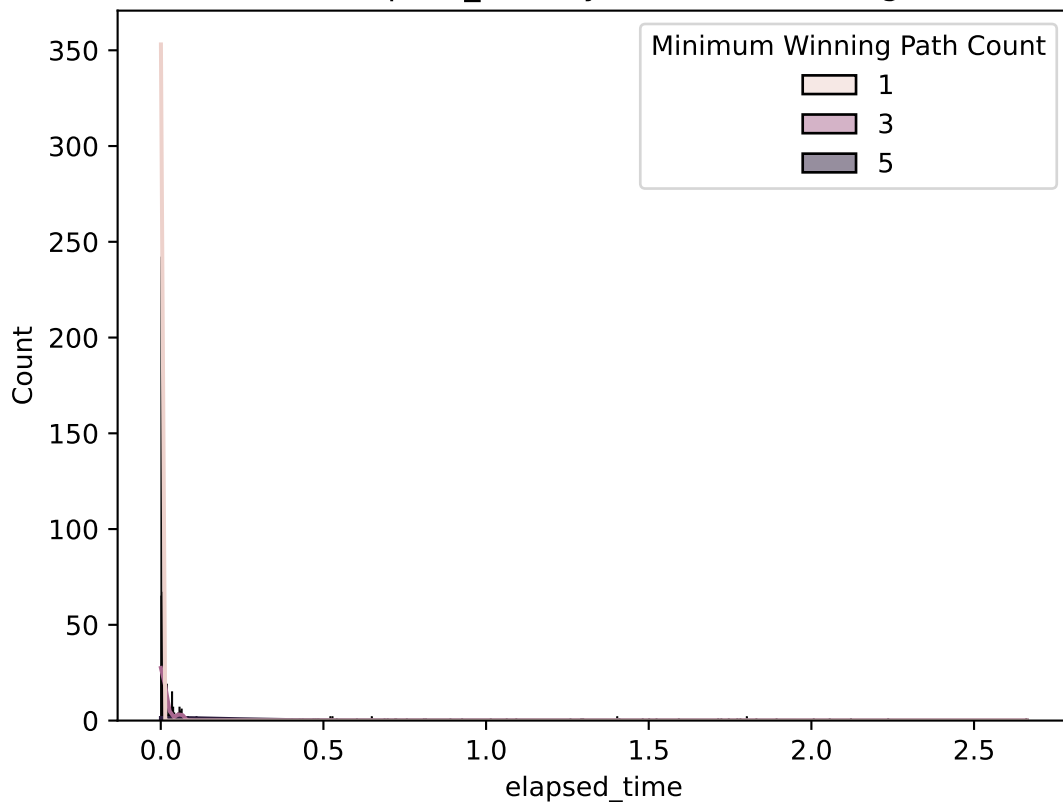
elapsed\_time by Seed



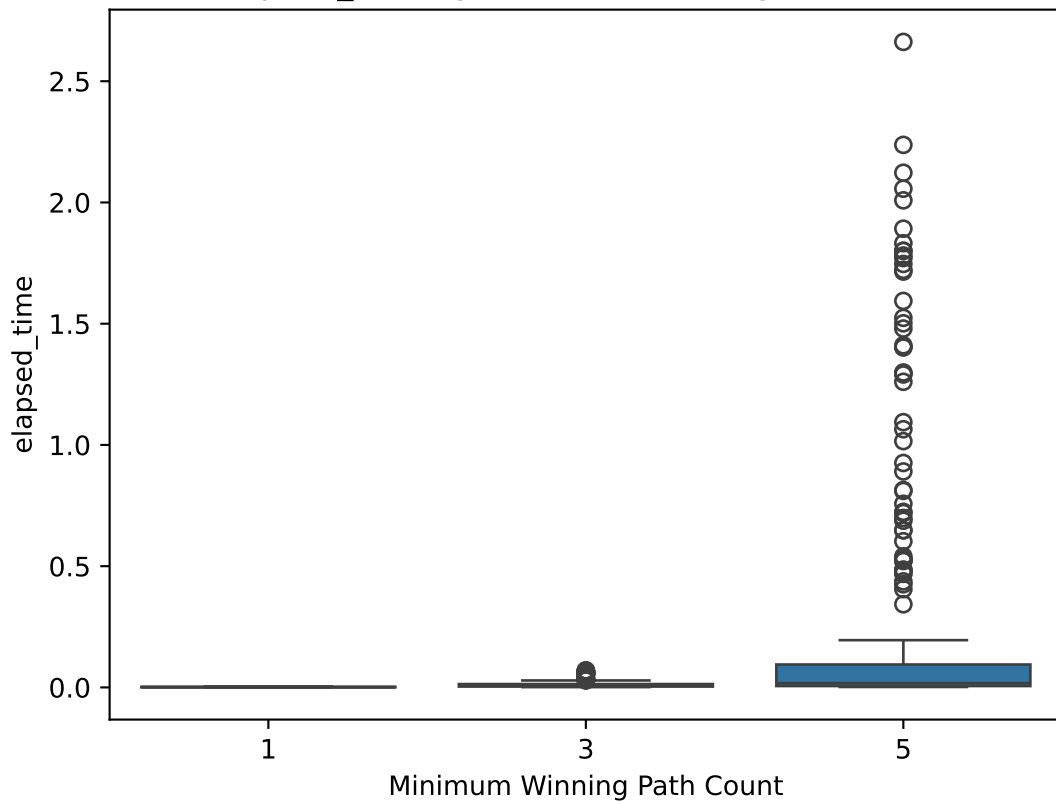
# Summary Statistics for elapsed\_time by Seed

	count	mean	std	min	25%	50%	75%	max
67081	1.0	0.0013985000550746918	nan	0.0013985000550746918	0.0013985000550746918	0.0013985000550746918	0.0013985000550746918	0.0013985000550746918
127577	1.0	0.005212899995967746	nan	0.005212899995967746	0.005212899995967746	0.005212899995967746	0.005212899995967746	0.005212899995967746
140187	1.0	0.004674100084230304	nan	0.004674100084230304	0.004674100084230304	0.004674100084230304	0.004674100084230304	0.004674100084230304
145428	1.0	0.0016430001705884933	nan	0.0016430001705884933	0.0016430001705884933	0.0016430001705884933	0.0016430001705884933	0.0016430001705884933
201085	1.0	0.0005016999784857035	nan	0.0005016999784857035	0.0005016999784857035	0.0005016999784857035	0.0005016999784857035	0.0005016999784857035
502862	1.0	0.002376900054514408	nan	0.002376900054514408	0.002376900054514408	0.002376900054514408	0.002376900054514408	0.002376900054514408
511832	1.0	0.0021377000957727432	nan	0.0021377000957727432	0.0021377000957727432	0.0021377000957727432	0.0021377000957727432	0.0021377000957727432
769933	1.0	0.06510169990360737	nan	0.06510169990360737	0.06510169990360737	0.06510169990360737	0.06510169990360737	0.06510169990360737
881988	1.0	0.002169900108128786	nan	0.002169900108128786	0.002169900108128786	0.002169900108128786	0.002169900108128786	0.002169900108128786
897368	1.0	0.006898599909618497	nan	0.006898599909618497	0.006898599909618497	0.006898599909618497	0.006898599909618497	0.006898599909618497

Distribution of elapsed\_time by Minimum Winning Path Count



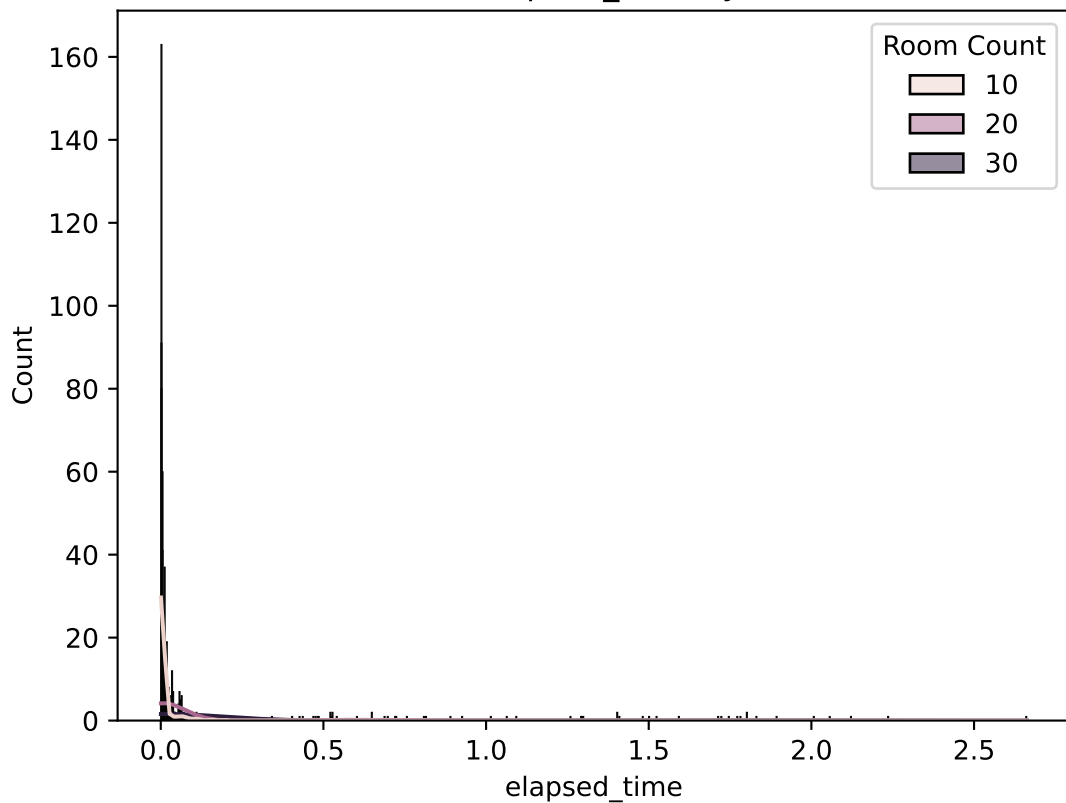
elapsed\_time by Minimum Winning Path Count



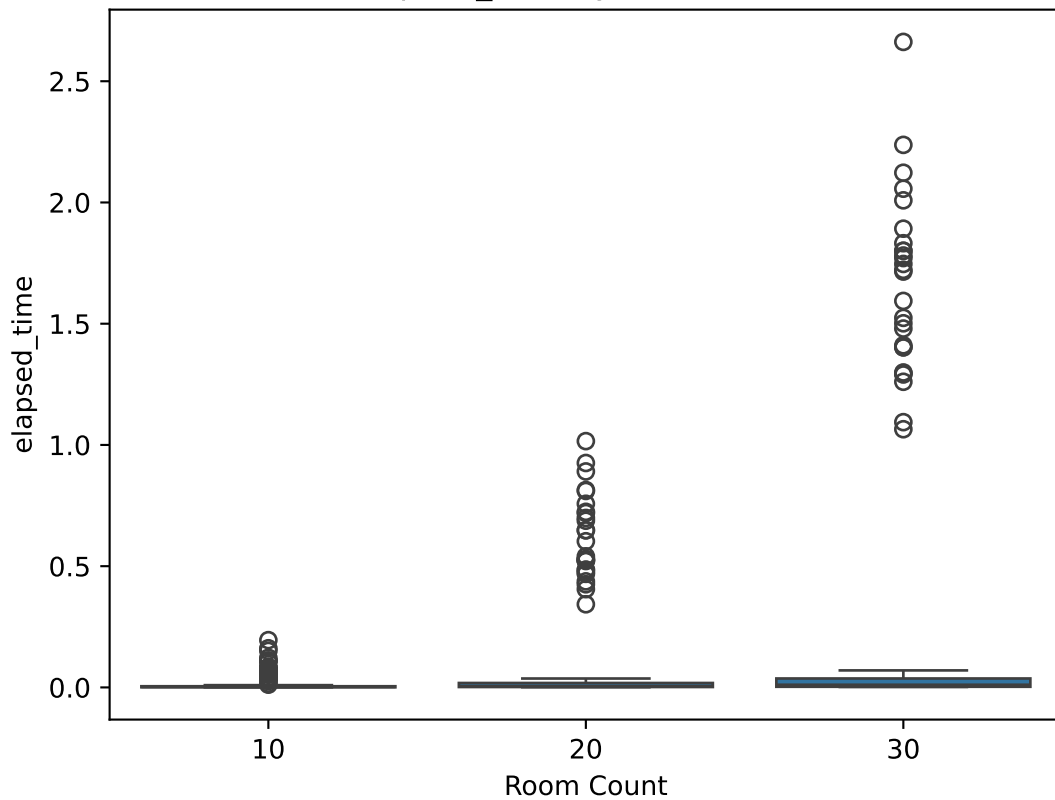
# Summary Statistics for elapsed\_time by Minimum Winning Path Count

	count	mean	std	min	25%	50%	75%	max
1	243.0	0.0015256411468786467	0.0008592919927664064	0.00046989996917545795	0.000580949941650033	0.0013954001478850842	0.002269849879667163	0.0037710999604314566
3	243.0	0.014290387237275886	0.01807524008353296	0.001329400110989809	0.0036667000968009233	0.006664399988949299	0.013856249977834523	0.07020769990049303
5	243.0	0.2697483226359887	0.5428957880367804	0.0018964000046253204	0.005724500049836934	0.017603699816390872	0.09444849996361881	2.6621763999573886

Distribution of elapsed\_time by Room Count



elapsed\_time by Room Count

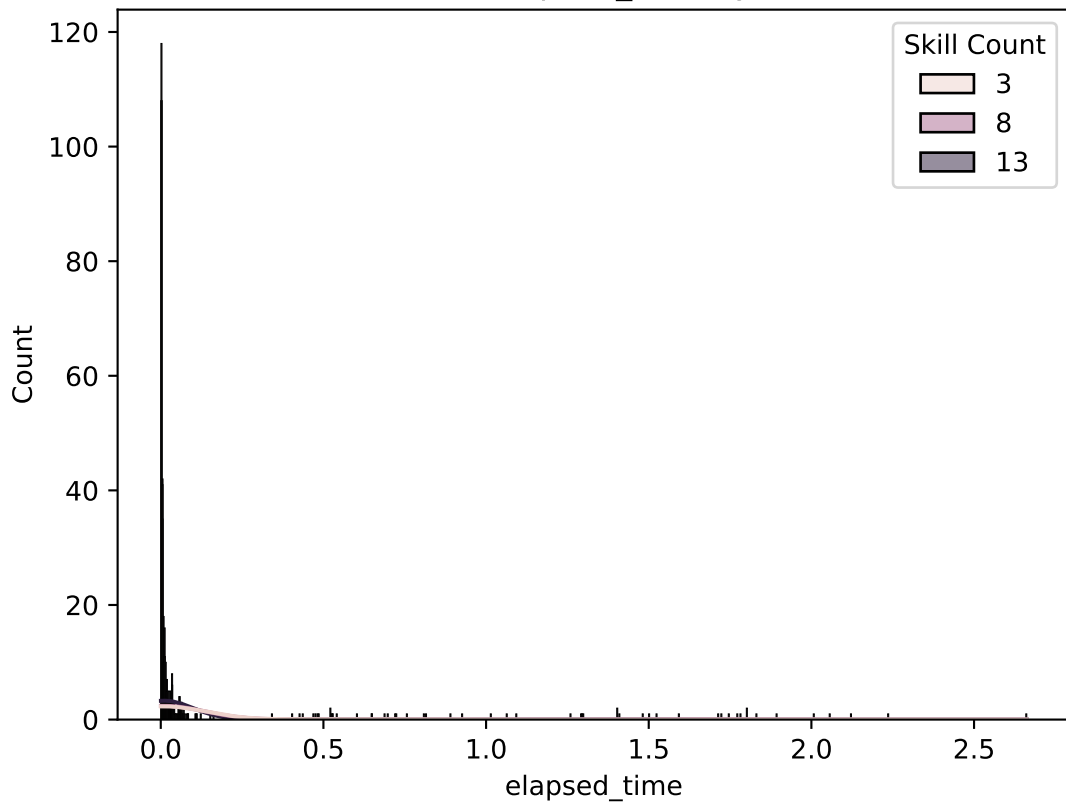




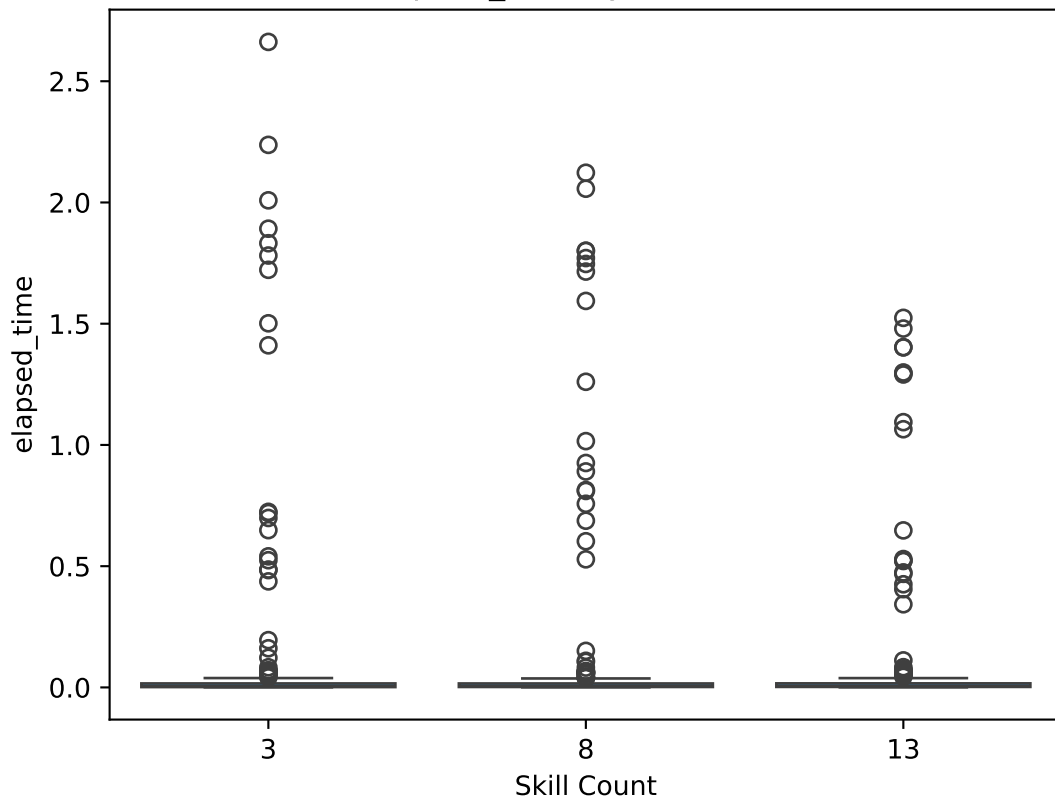
Summary Statistics for elapsed\_time by Room Count

	count	mean	std	min	25%	50%	75%	max
10	243.0	0.01048214196940355	0.02715262520705276	0.00046989996917545795	0.000580949941650033	0.001976399915292859	0.004862150060944259	0.19493579980917275
20	243.0	0.0760322868346846	0.19970542958208898	0.0009757000952959061	0.0016756500117480755	0.005613999906927347	0.018326849909499288	1.0157620999962091
30	243.0	0.19904992221605508	0.5310520479760368	0.0019423000048846006	0.0026542999548837543	0.011018799850717187	0.03689059999305755	2.6621763999573886

Distribution of elapsed\_time by Skill Count



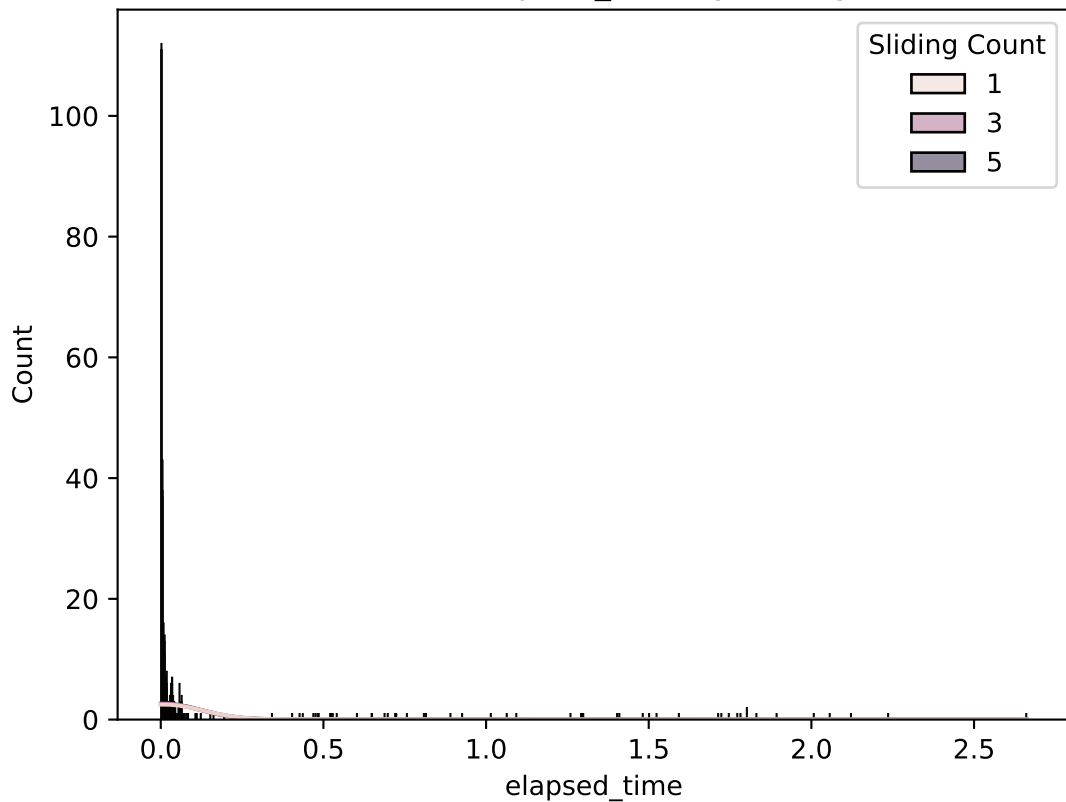
elapsed\_time by Skill Count



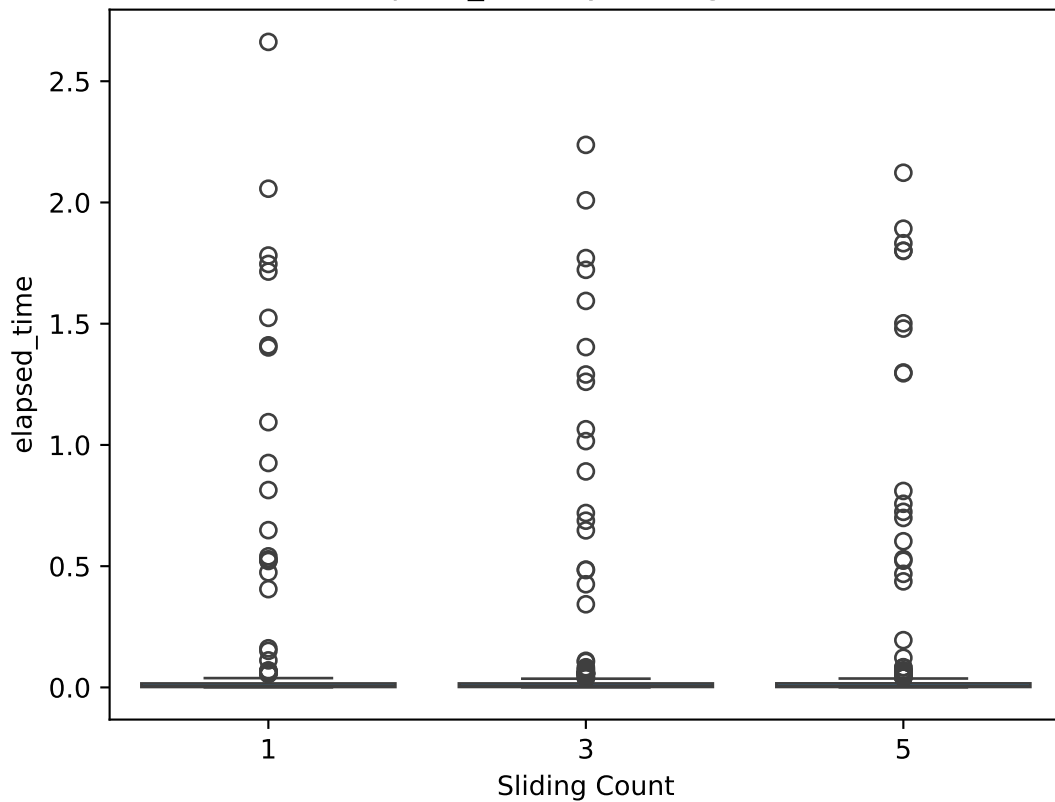
Summary Statistics for elapsed\_time by Skill Count

	count	mean	std	min	25%	50%	75%	max
3	243.0	0.10285553950318155	0.3759909837174226	0.00046989996917545795	0.0014585499884560704	0.004387499997392297	0.016463450039736927	2.6621763999573886
8	243.0	0.1053552884779058	0.36132024561356274	0.0004984000697731972	0.0018928500358015299	0.004785600118339062	0.01630684989504516	2.1225763999391347
13	243.0	0.07735352303905589	0.2619868456466012	0.0004984999541193247	0.002148450003005564	0.004886300070211291	0.016731849987991154	1.5241072999779135

Distribution of elapsed\_time by Sliding Count



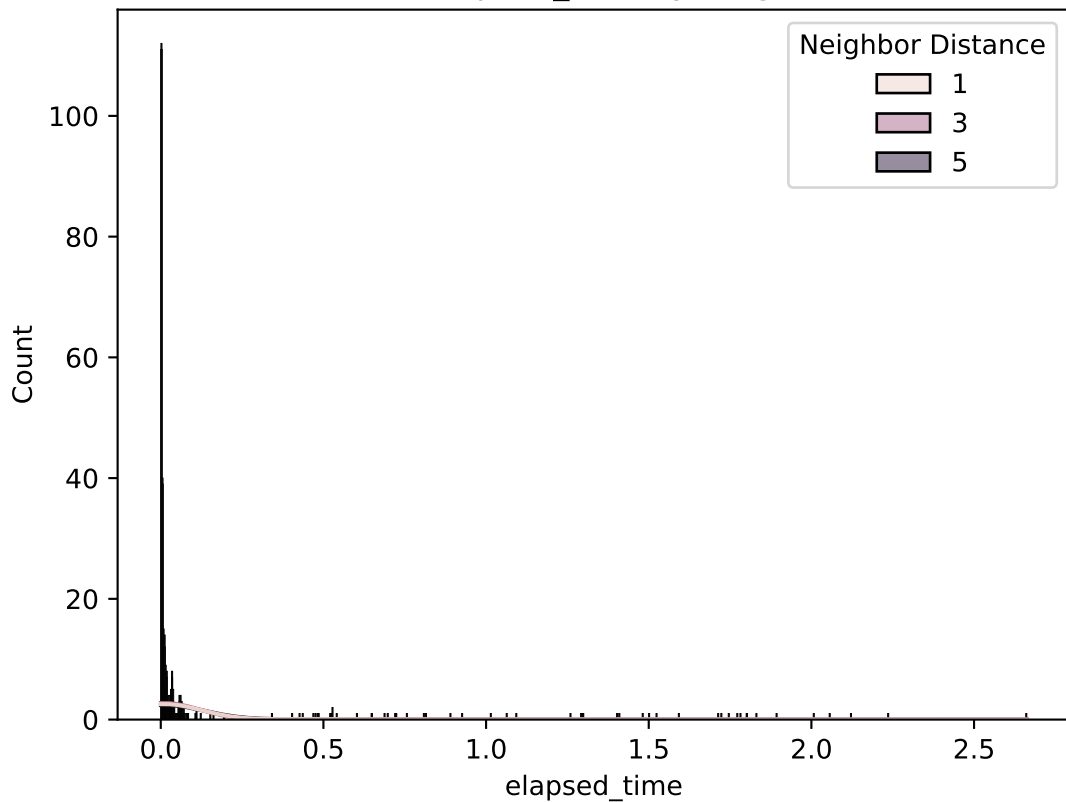
elapsed\_time by Sliding Count



Summary Statistics for elapsed\_time by Sliding Count

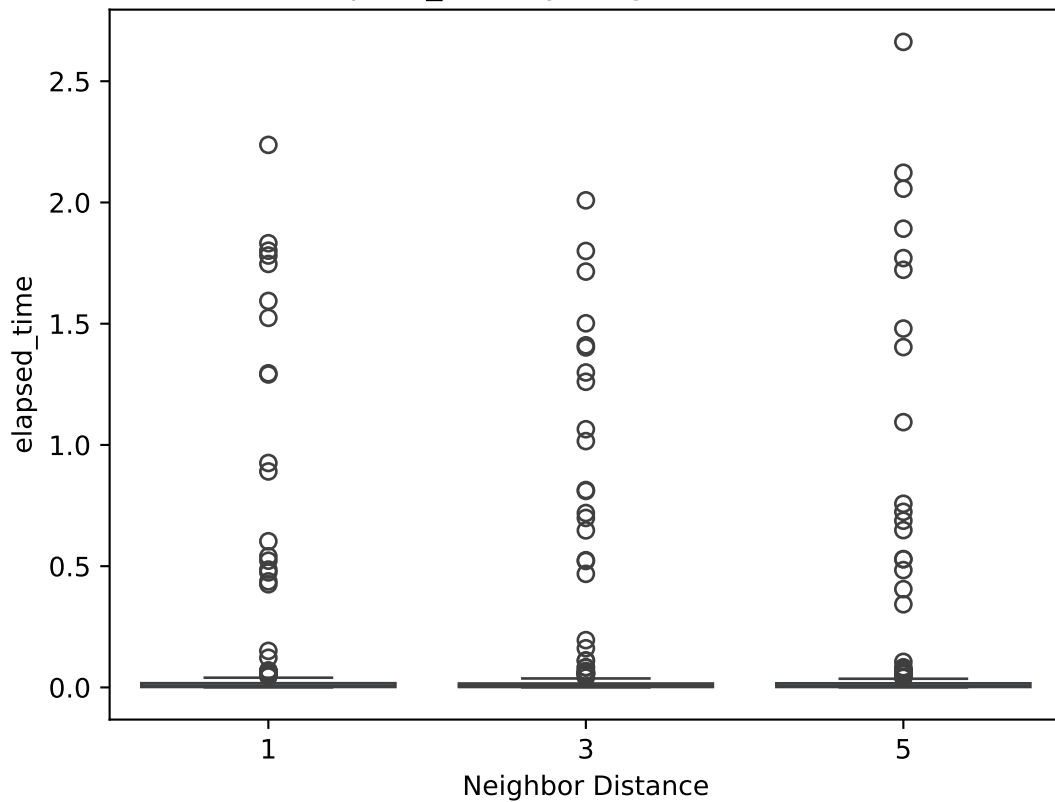
	count	mean	std	min	25%	50%	75%	max
1	243.0	0.09636771481353866	0.34785134114627714	0.0004835000727325678	0.0017306500812992454	0.0048195000272244215	0.016436999896541238	2.6621763999573886
3	243.0	0.09309608764647517	0.3280476747251744	0.00047530001029372215	0.001955350046046078	0.005193499848246574	0.016468899906612933	2.2375153999309987
5	243.0	0.0961005485601294	0.3352885394196103	0.00046989996917545795	0.001873199944384396	0.004387499997392297	0.016754350042901933	2.1225763999391347

Distribution of elapsed\_time by Neighbor Distance





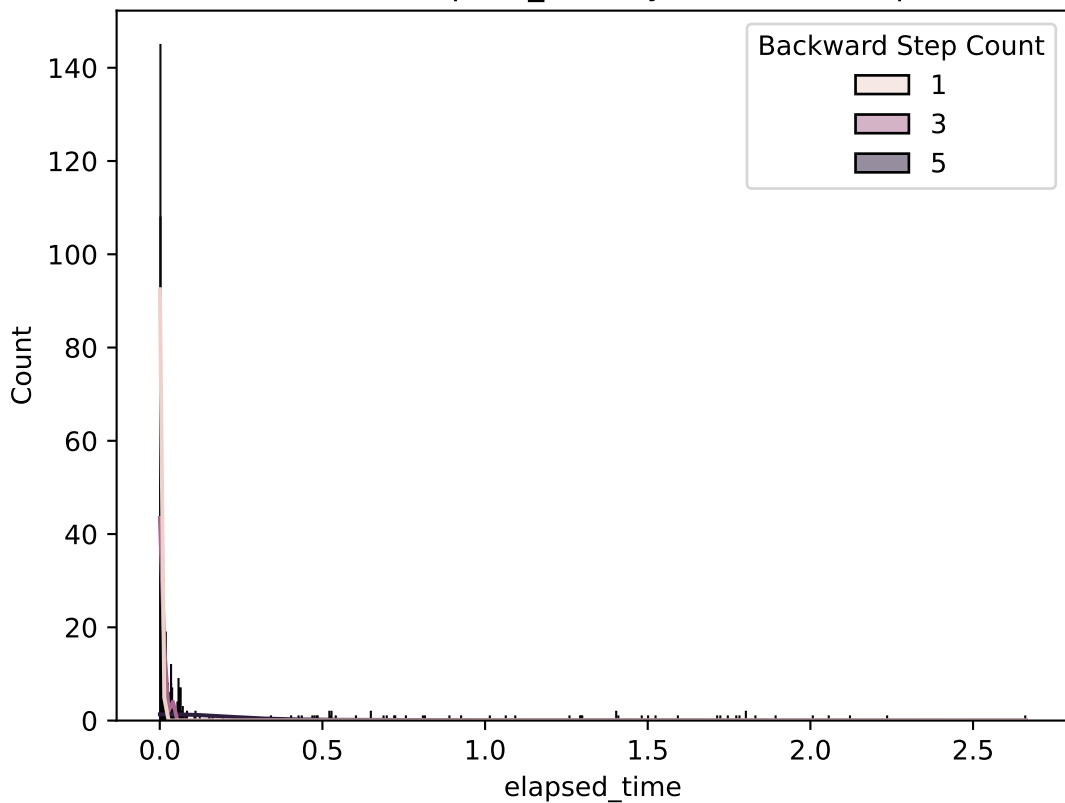
elapsed\_time by Neighbor Distance



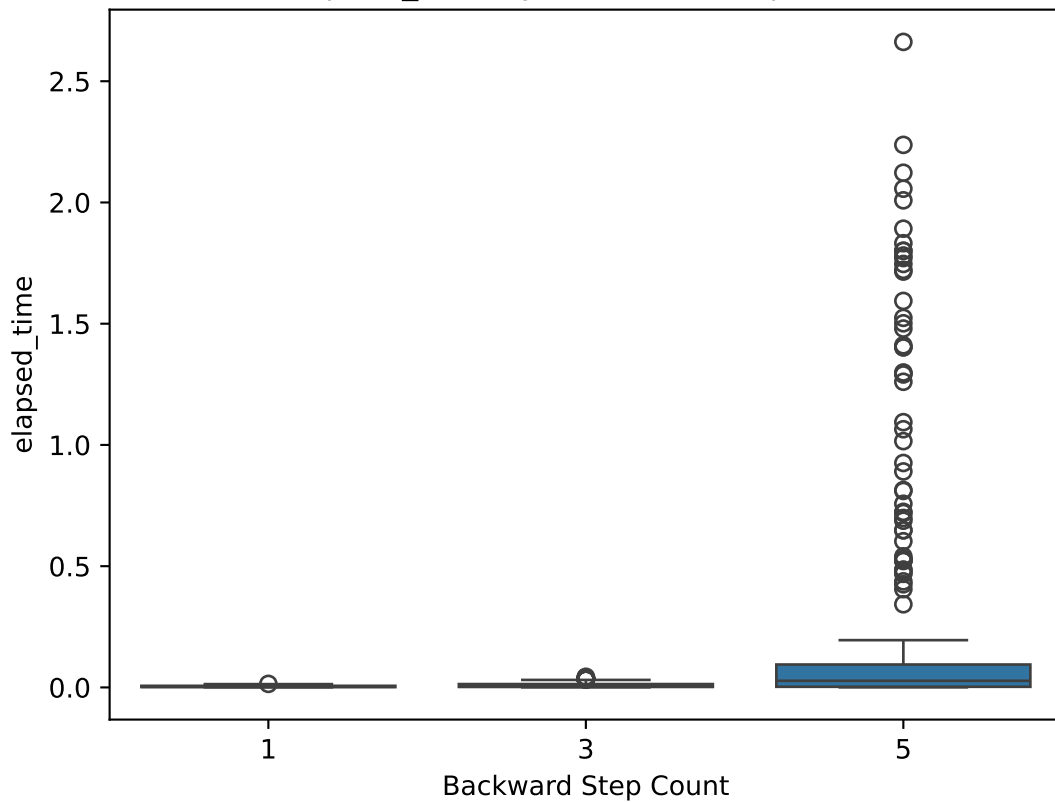
# Summary Statistics for elapsed\_time by Neighbor Distance

	count	mean	std	min	25%	50%	75%	max
1	243.0	0.09485404855291907	0.33636527355318335	0.0004984000697731972	0.0018928500358015299	0.004802900133654475	0.017355799907818437	2.2375153999309987
3	243.0	0.0924637427988535	0.3113889442745966	0.00047530001029372215	0.001850399887189269	0.004796799970790744	0.016118499916046858	2.0088118999265134
5	243.0	0.09824655966837066	0.36182763216558483	0.00046989996917545795	0.0018789999885484576	0.004689899971708655	0.016888299956917763	2.6621763999573886

Distribution of elapsed\_time by Backward Step Count



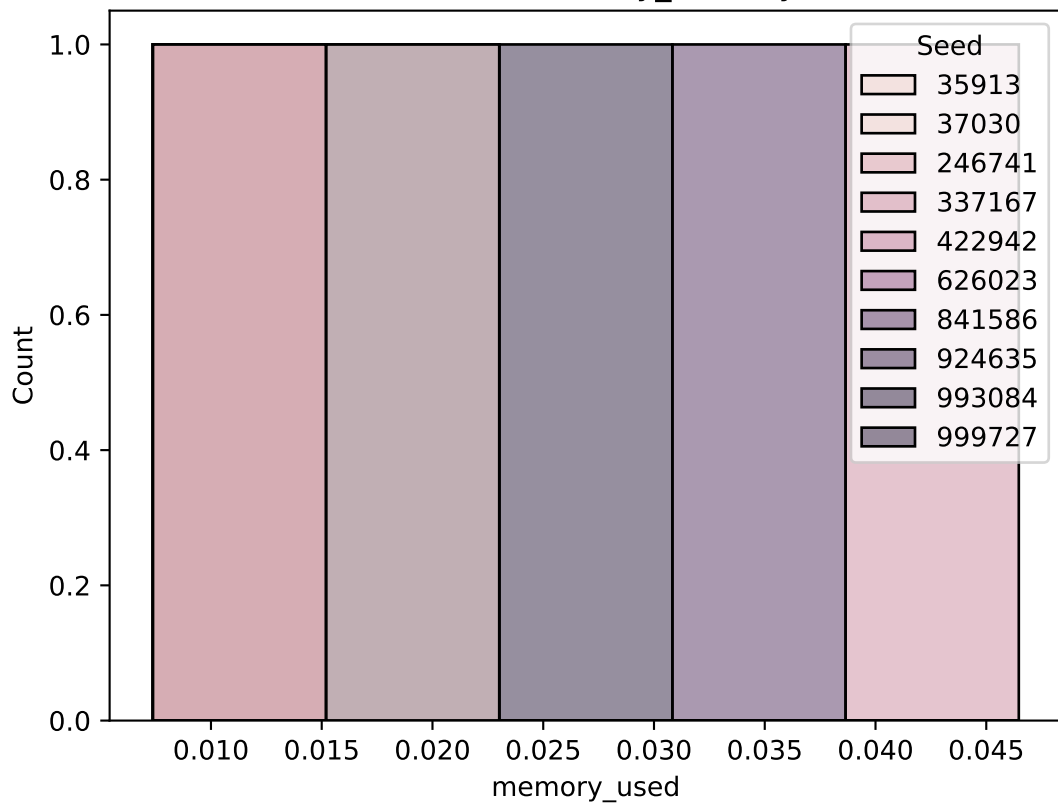
elapsed\_time by Backward Step Count



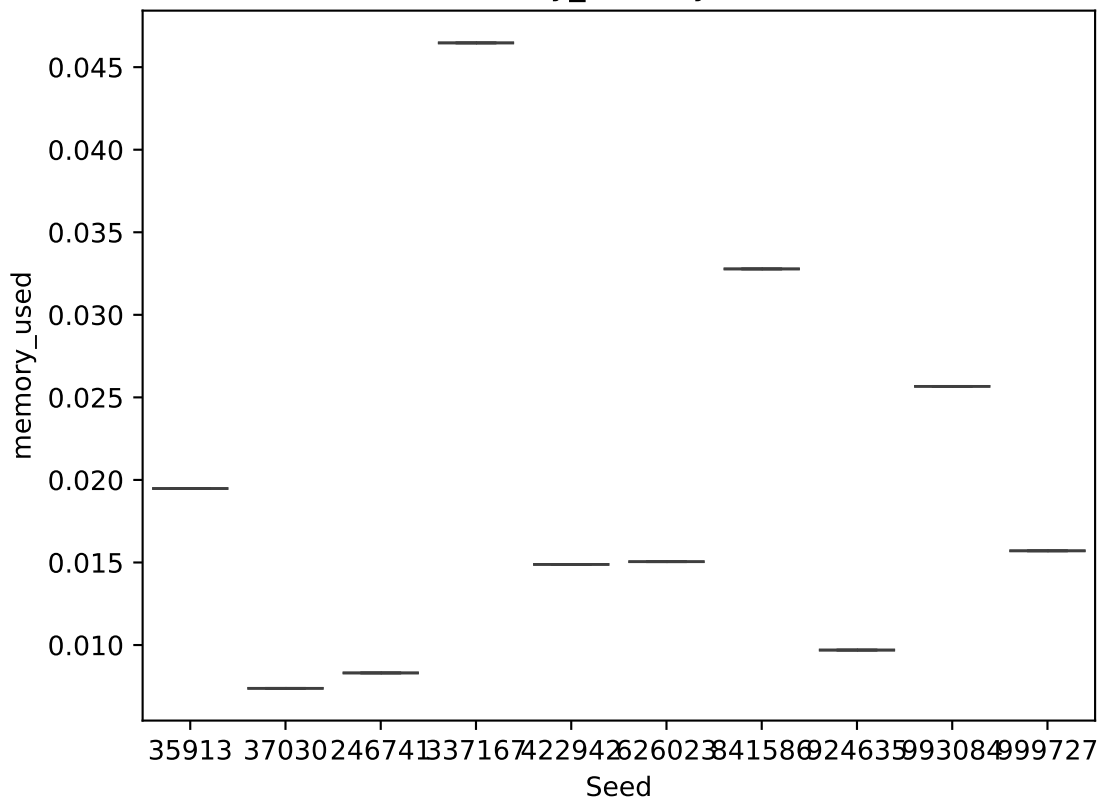
# Summary Statistics for elapsed\_time by Backward Step Count

	count	mean	std	min	25%	50%	75%	max
1	243.0	0.004060399594023026	0.003346816983579739	0.00046989996917545795	0.0014819499338045716	0.0024625000078231096	0.006606350070796907	0.014617800014093518
3	243.0	0.009315719337436397	0.010861458341927137	0.00047530001029372215	0.0019779999274760485	0.0048195000272244215	0.013856249977834523	0.04376380005851388
5	243.0	0.2721882320886838	0.541950253109854	0.0004874998703598976	0.0025708499597385526	0.027389800176024437	0.09444849996361881	2.6621763999573886

Distribution of memory\_used by Seed



memory\_used by Seed

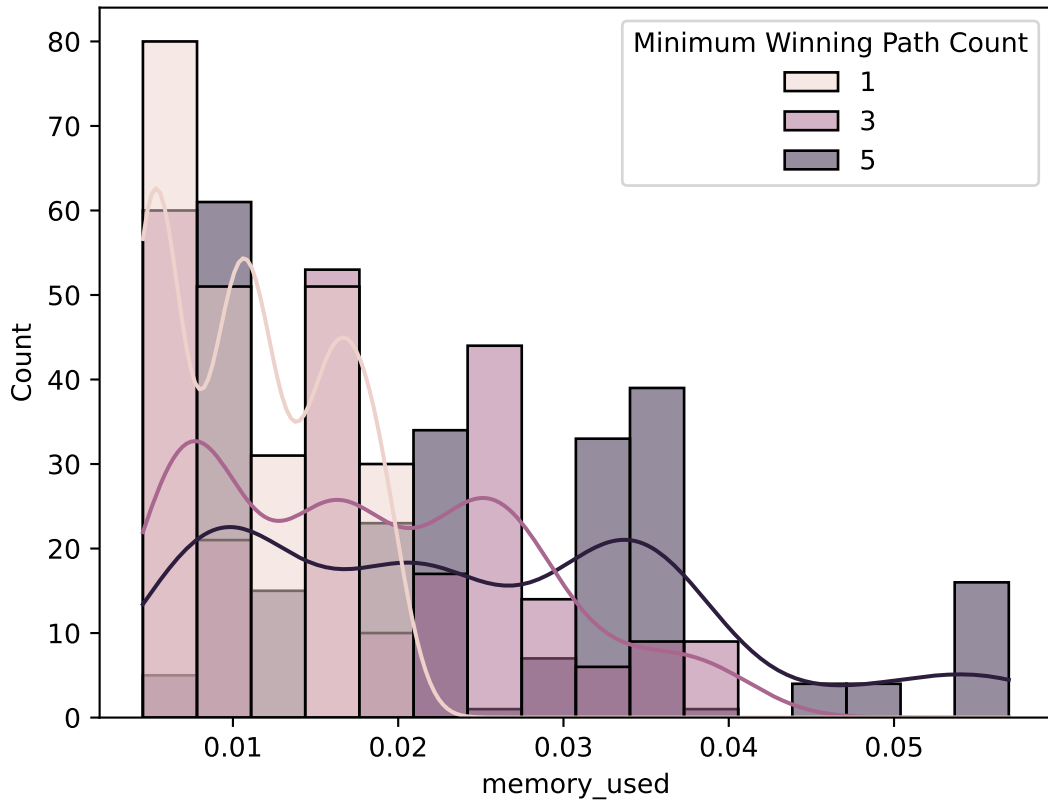


# Summary Statistics for memory\_used by Seed

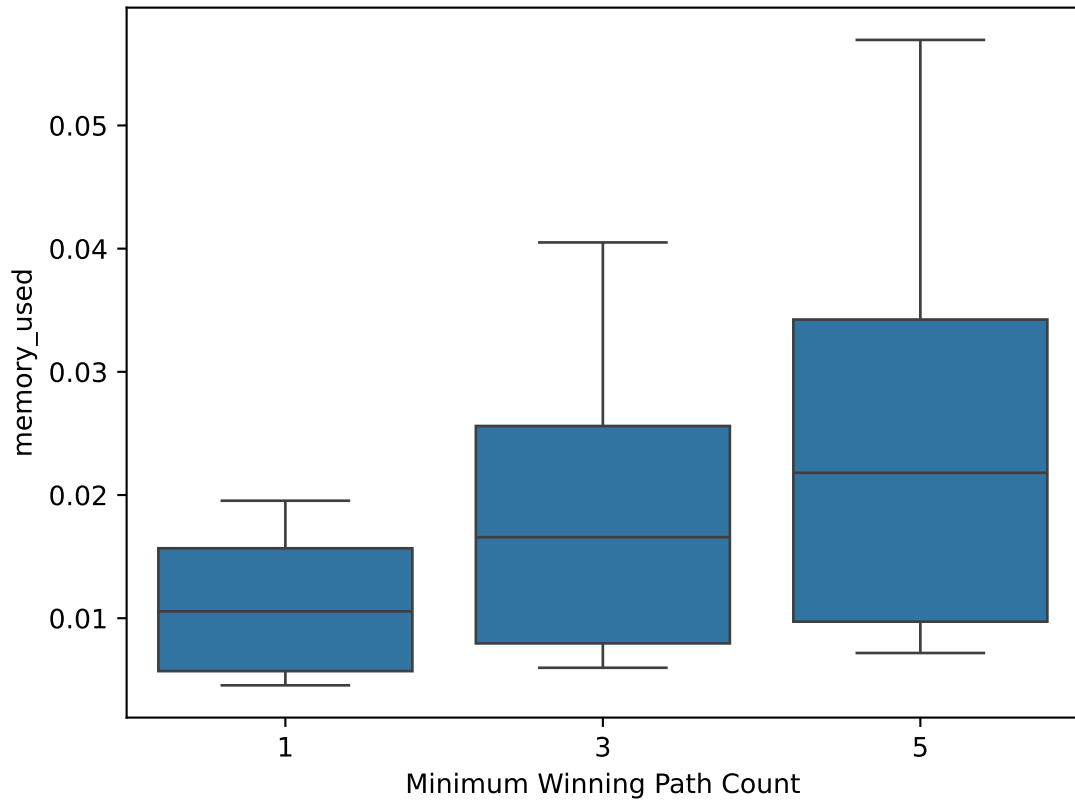
	count	mean	std	min	25%	50%	75%	max
35913	1.0	0.019479751586914062	nan	0.019479751586914062	0.019479751586914062	0.019479751586914062	0.019479751586914062	0.019479751586914062
37030	1.0	0.0073795318603515625	nan	0.0073795318603515625	0.0073795318603515625	0.0073795318603515625	0.0073795318603515625	0.0073795318603515625
246741	1.0	0.008310317993164062	nan	0.008310317993164062	0.008310317993164062	0.008310317993164062	0.008310317993164062	0.008310317993164062
337167	1.0	0.04646873474121094	nan	0.04646873474121094	0.04646873474121094	0.04646873474121094	0.04646873474121094	0.04646873474121094
422942	1.0	0.014883995056152344	nan	0.014883995056152344	0.014883995056152344	0.014883995056152344	0.014883995056152344	0.014883995056152344
626023	1.0	0.015047073364257812	nan	0.015047073364257812	0.015047073364257812	0.015047073364257812	0.015047073364257812	0.015047073364257812
841586	1.0	0.032779693603515625	nan	0.032779693603515625	0.032779693603515625	0.032779693603515625	0.032779693603515625	0.032779693603515625
924635	1.0	0.009696006774902344	nan	0.009696006774902344	0.009696006774902344	0.009696006774902344	0.009696006774902344	0.009696006774902344
993084	1.0	0.025669097900390625	nan	0.025669097900390625	0.025669097900390625	0.025669097900390625	0.025669097900390625	0.025669097900390625
999727	1.0	0.01570606231689453	nan	0.01570606231689453	0.01570606231689453	0.01570606231689453	0.01570606231689453	0.01570606231689453



Distribution of memory\_used by Minimum Winning Path Count



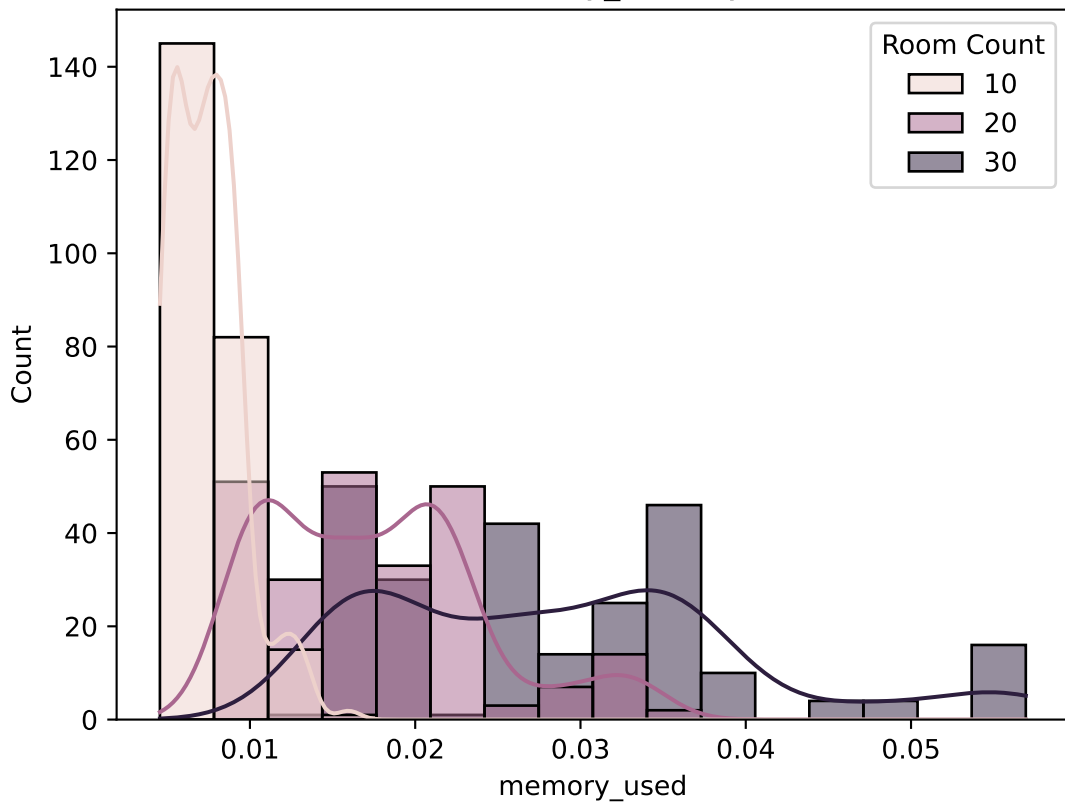
memory\_used by Minimum Winning Path Count



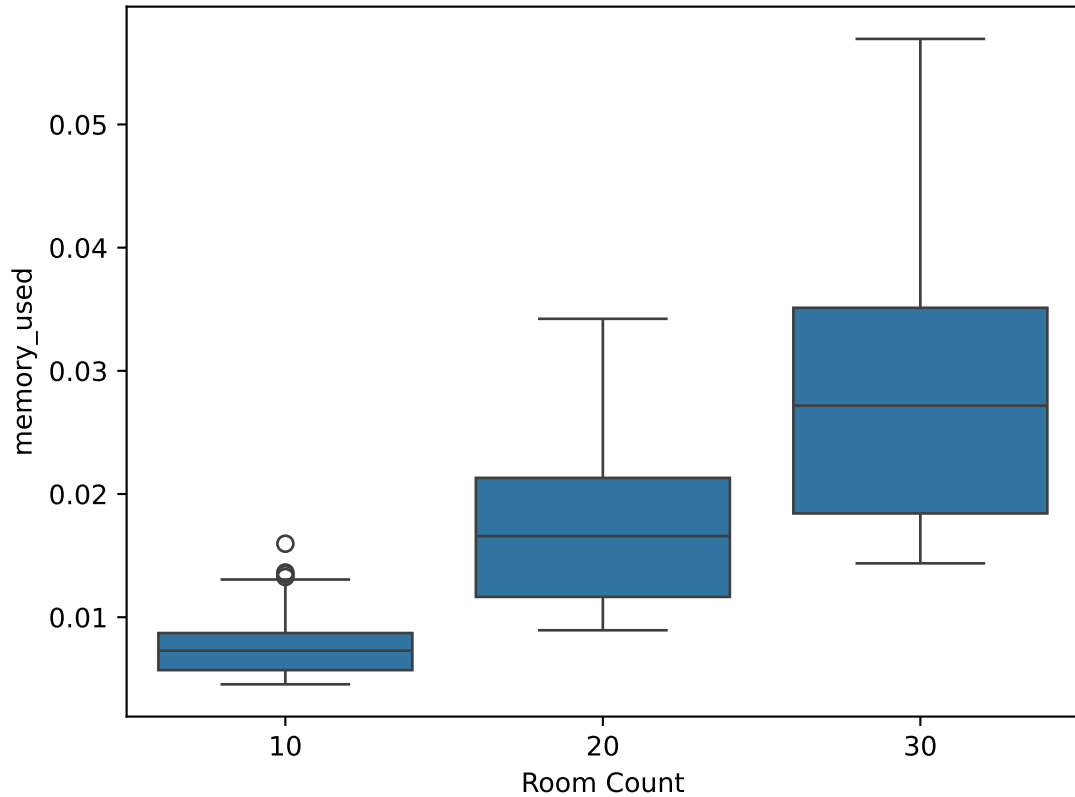
# Summary Statistics for memory\_used by Minimum Winning Path Count

	count	mean	std	min	25%	50%	75%	max
1	243.0	0.011009824619371705	0.004912480535279408	0.004553794860839844	0.005703926086425781	0.010557174682617188	0.015676498413085938	0.019536972045898438
3	243.0	0.01820610580130369	0.009609931374326383	0.005977630615234375	0.007956504821777344	0.016574859619140625	0.025603771209716797	0.040503501892089844
5	243.0	0.0245025108871146	0.01379013995817477	0.007175445556640625	0.009719371795654297	0.02180194854736328	0.03424501419067383	0.05694389343261719

Distribution of memory\_used by Room Count



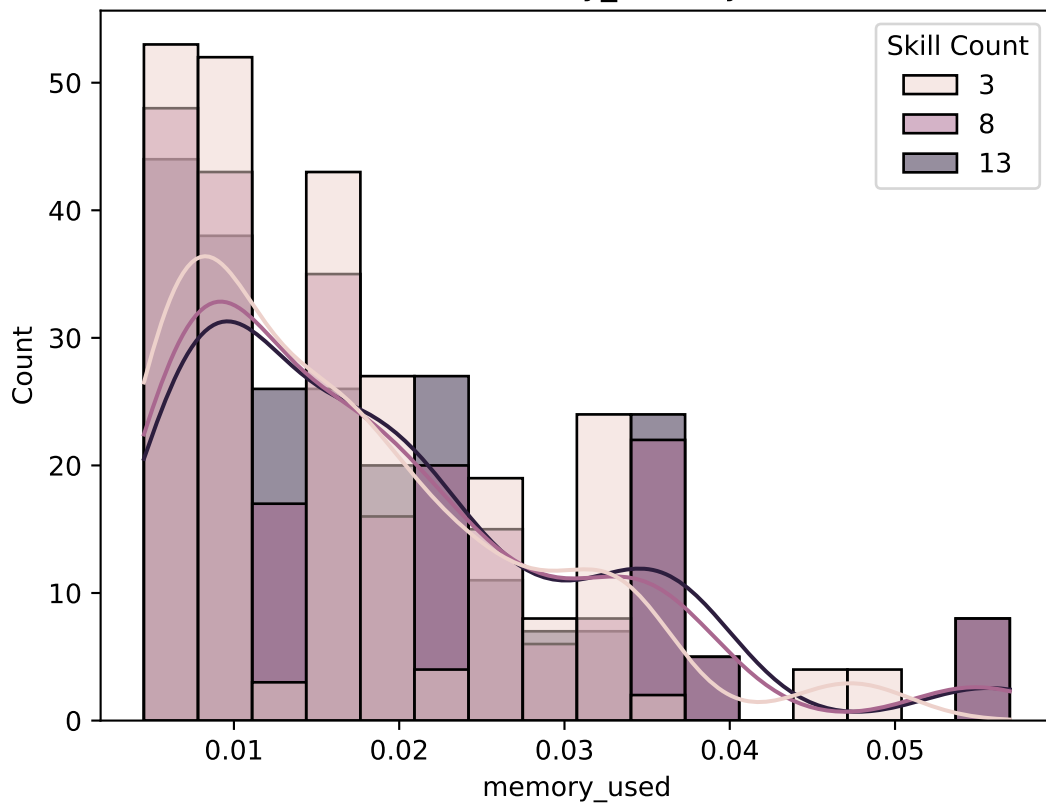
memory\_used by Room Count



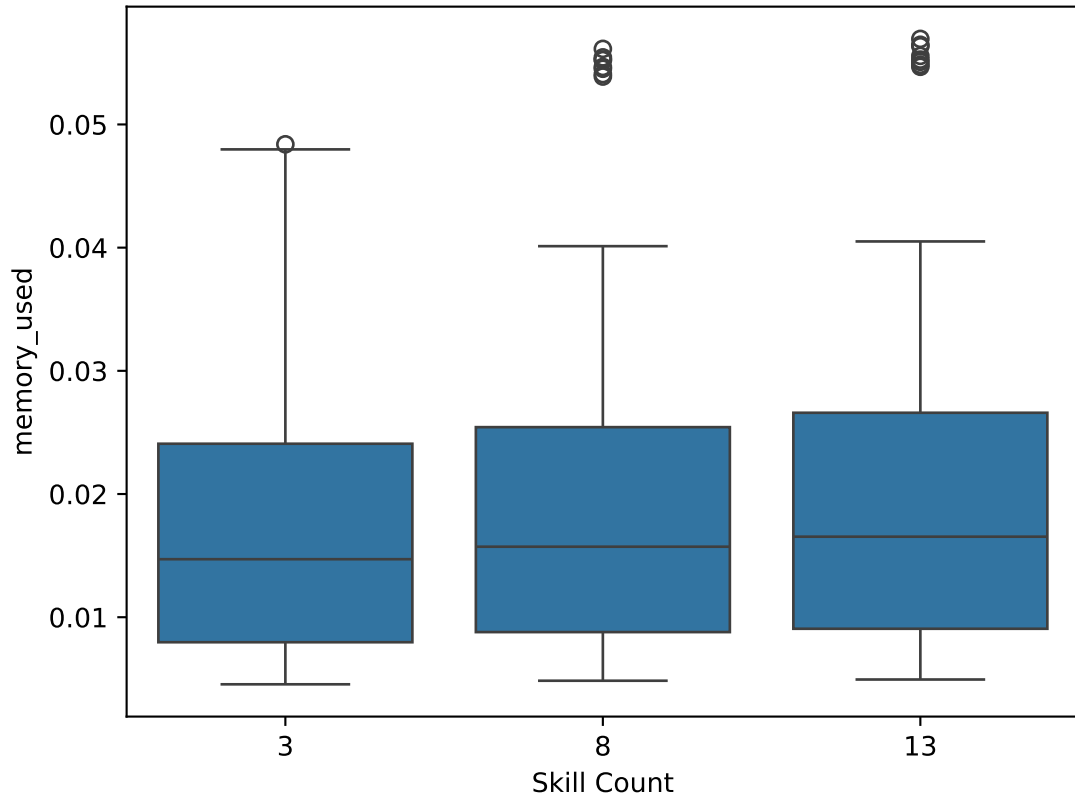
# Summary Statistics for memory\_used by Room Count

	count	mean	std	min	25%	50%	75%	max
10	243.0	0.007424507612063561	0.002096337987320156	0.004553794860839844	0.005703926086425781	0.0072841644287109375	0.008715152740478516	0.015967369079589844
20	243.0	0.01748367199681914	0.00642274855327731	0.008940696716308594	0.011649608612060547	0.016574859619140625	0.021311283111572266	0.03422260284423828
30	243.0	0.028810261698907293	0.011074918314674232	0.014372825622558594	0.018424034118652344	0.027174949645996094	0.035117149353027344	0.05694389343261719

Distribution of memory\_used by Skill Count



memory\_used by Skill Count

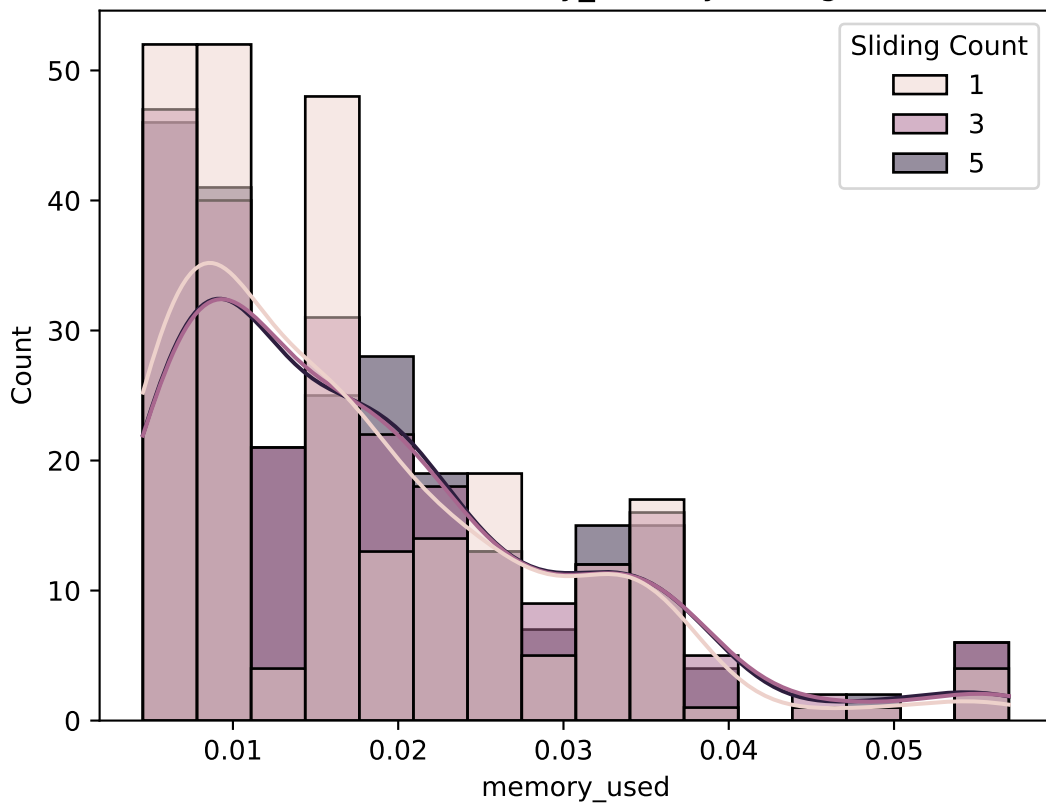




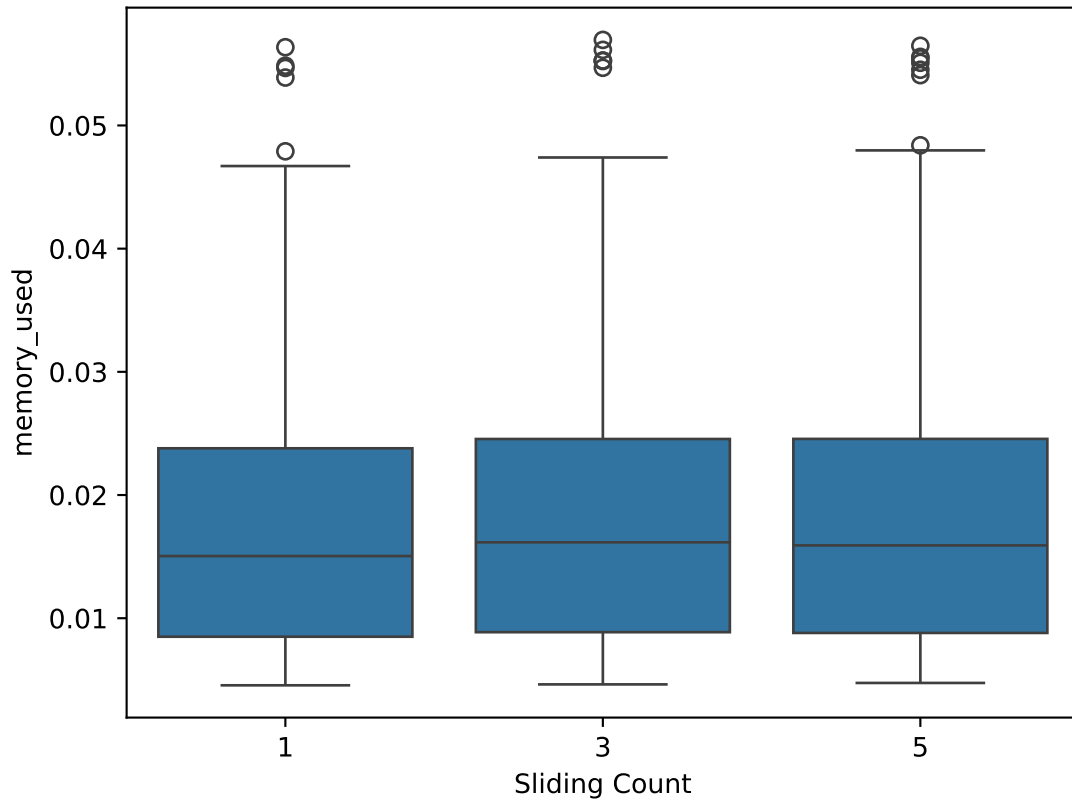
# Summary Statistics for memory\_used by Skill Count

	count	mean	std	min	25%	50%	75%	max
3	243.0	0.016620957802352593	0.010541664865682771	0.004553794860839844	0.007968902587890625	0.014708518981933594	0.024082183837890625	0.04838848114013672
8	243.0	0.018183139125996655	0.011806297047394474	0.004843711853027344	0.008791923522949219	0.015723228454589844	0.025428295135498047	0.05613422393798828
13	243.0	0.018914344379440746	0.012038171420576133	0.004942893981933594	0.009062767028808594	0.016536712646484375	0.026596546173095703	0.05694389343261719

Distribution of memory\_used by Sliding Count



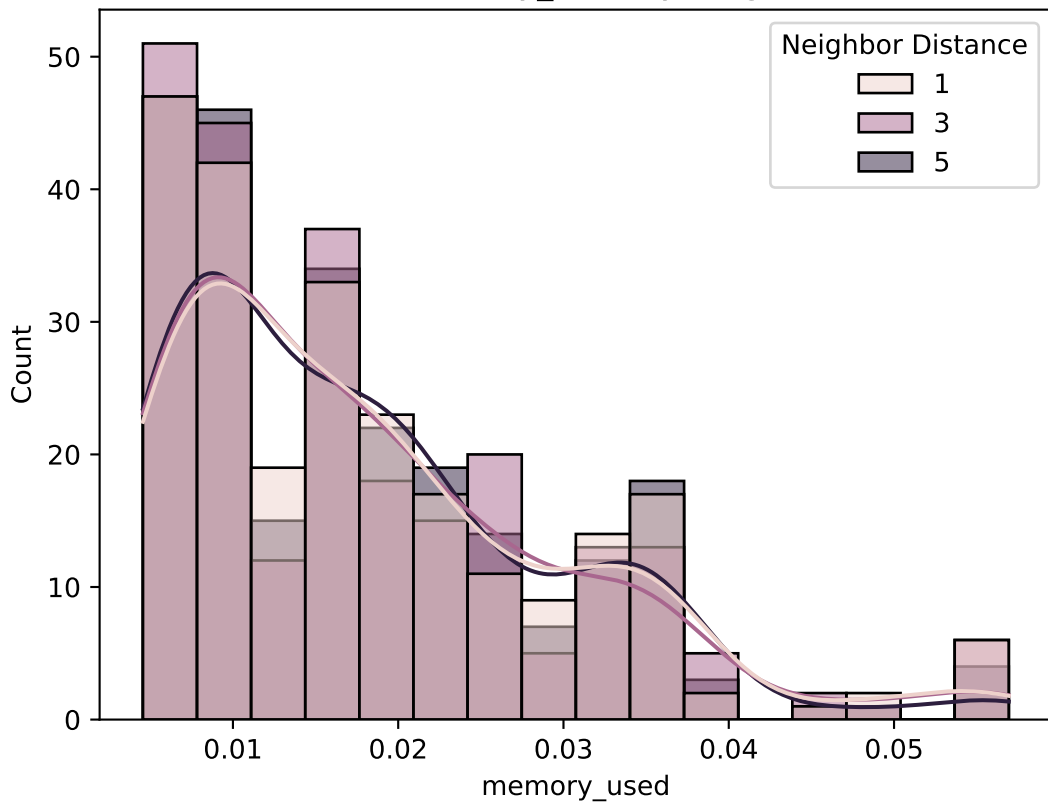
memory\_used by Sliding Count



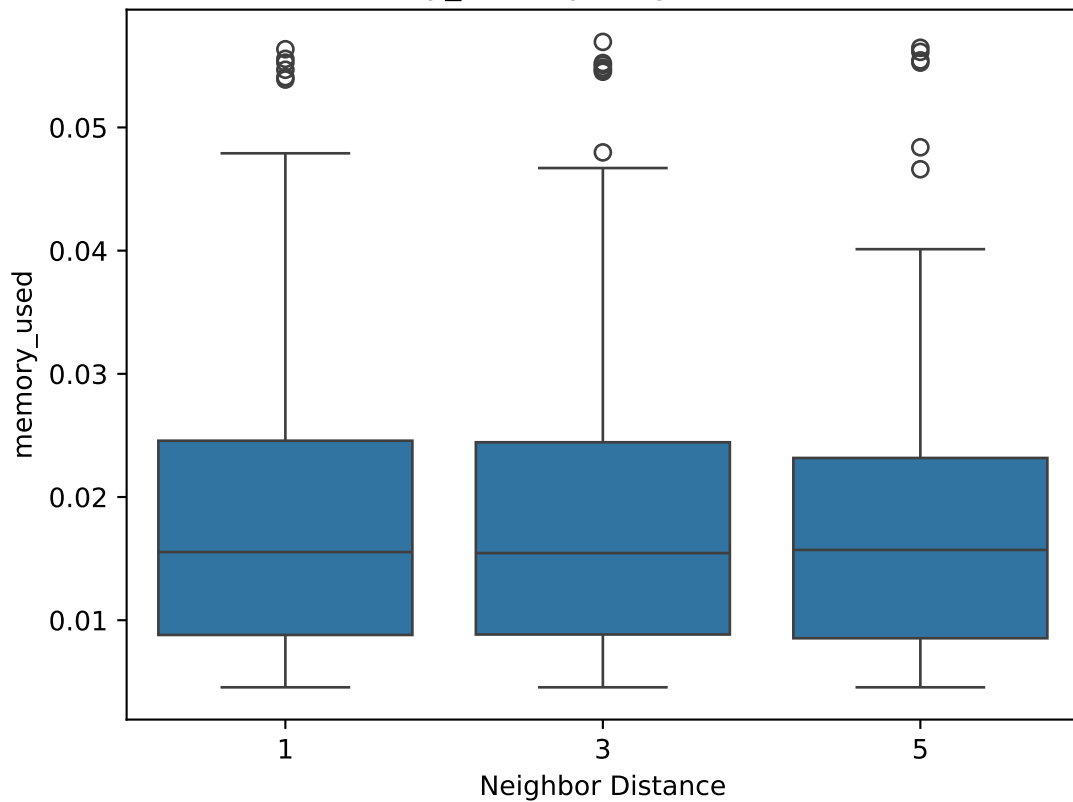
# Summary Statistics for memory\_used by Sliding Count

	count	mean	std	min	25%	50%	75%	max
1	243.0	0.017049255685060605	0.011023542980606153	0.004553794860839844	0.008496761322021484	0.015044212341308594	0.023792743682861328	0.056349754333496094
3	243.0	0.018329208279833382	0.011757924664990283	0.004628181457519531	0.008865833282470703	0.016160964965820312	0.024548053741455078	0.05694389343261719
5	243.0	0.01833997734289601	0.011718185167346774	0.0047454833984375	0.008804798126220703	0.015911102294921875	0.024555683135986328	0.05646705627441406

Distribution of memory\_used by Neighbor Distance



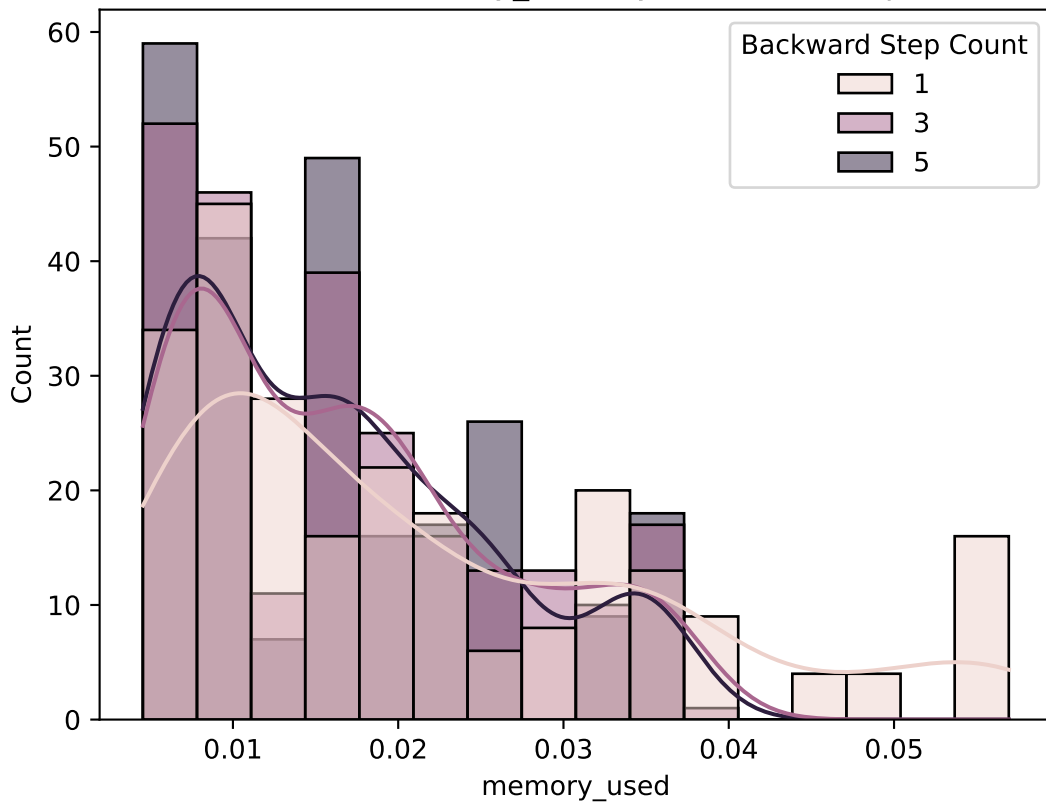
memory\_used by Neighbor Distance



# Summary Statistics for memory\_used by Neighbor Distance

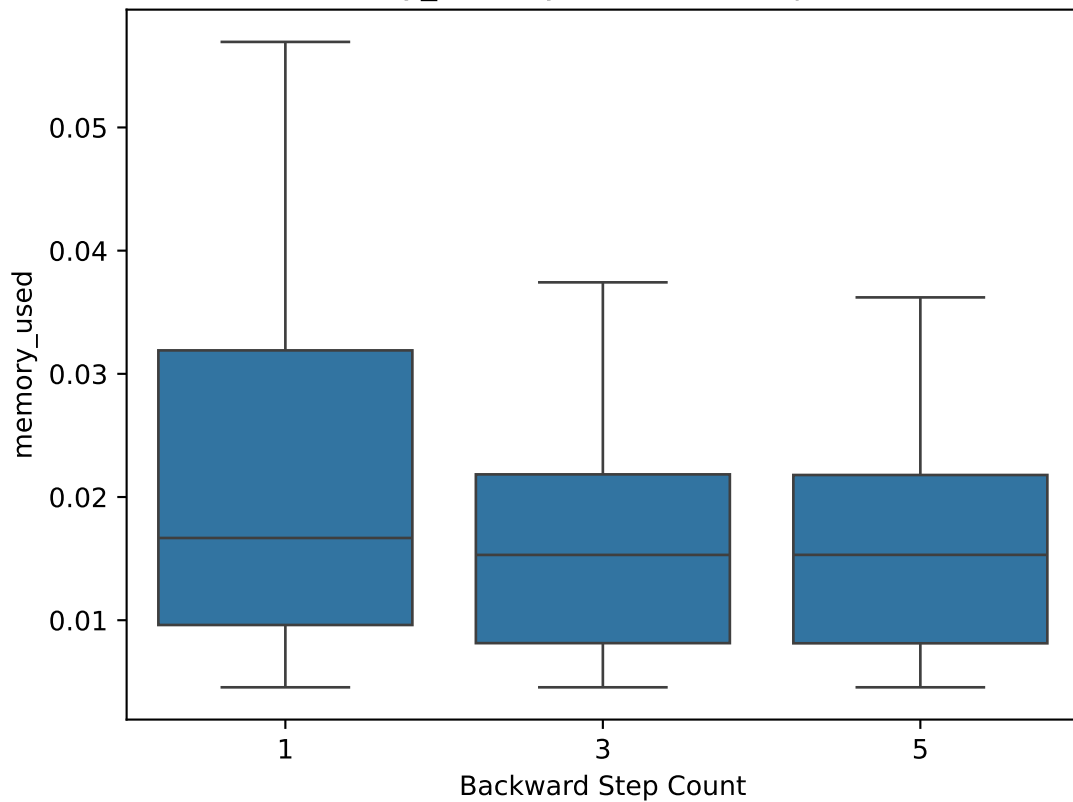
	count	mean	std	min	25%	50%	75%	max
1	243.0	0.018132688577283066	0.011703519201258087	0.004553794860839844	0.008803844451904297	0.015532493591308594	0.024570941925048828	0.056349754333496094
3	243.0	0.017878869924035094	0.011650626755990464	0.004553794860839844	0.008840084075927734	0.015448570251464844	0.024444580078125	0.05694389343261719
5	243.0	0.017706882806471837	0.011197657952338874	0.004553794860839844	0.008536338806152344	0.01570606231689453	0.02317047119140625	0.05646705627441406

Distribution of memory\_used by Backward Step Count





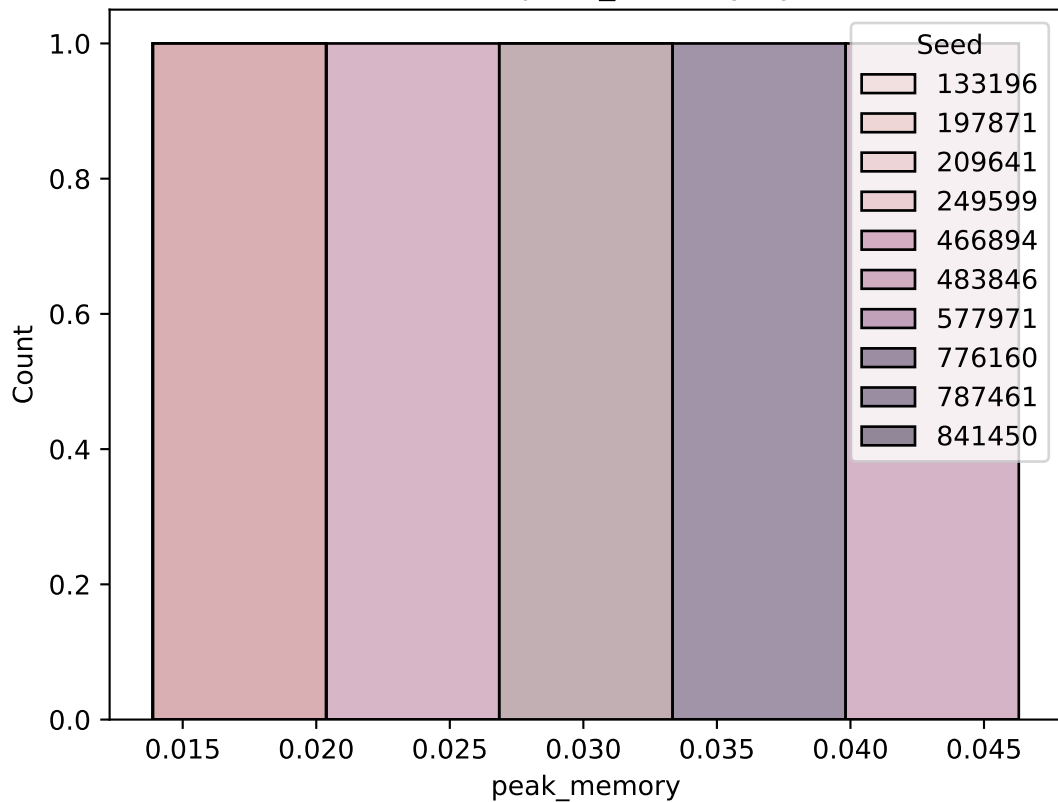
memory\_used by Backward Step Count



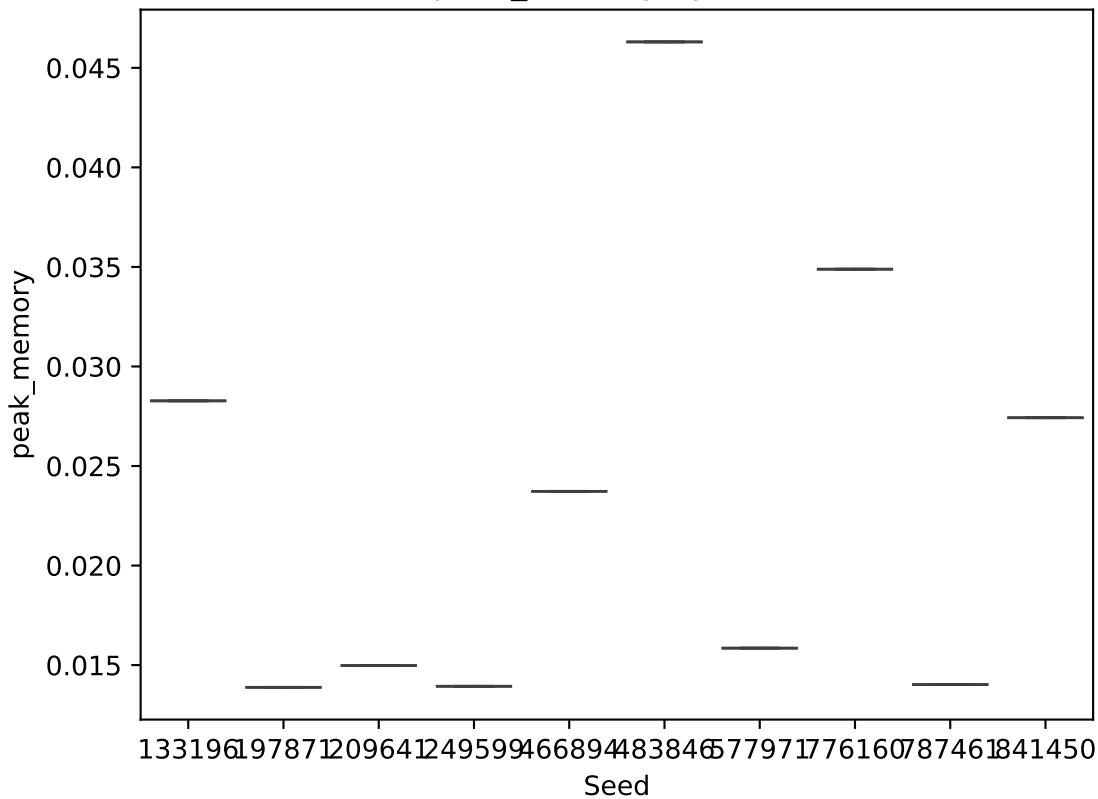
# Summary Statistics for memory\_used by Backward Step Count

	count	mean	std	min	25%	50%	75%	max
1	243.0	0.02119849248187532	0.014395301130824534	0.004553794860839844	0.009612083435058594	0.01667499542236328	0.031903743743896484	0.05694389343261719
3	243.0	0.016518847932540832	0.009480061764163777	0.004553794860839844	0.008138656616210938	0.015300750732421875	0.021838665008544922	0.037425994873046875
5	243.0	0.01600110089337384	0.0091995551400274	0.004553794860839844	0.008126258850097656	0.015305519104003906	0.02178812026977539	0.036205291748046875

Distribution of peak\_memory by Seed



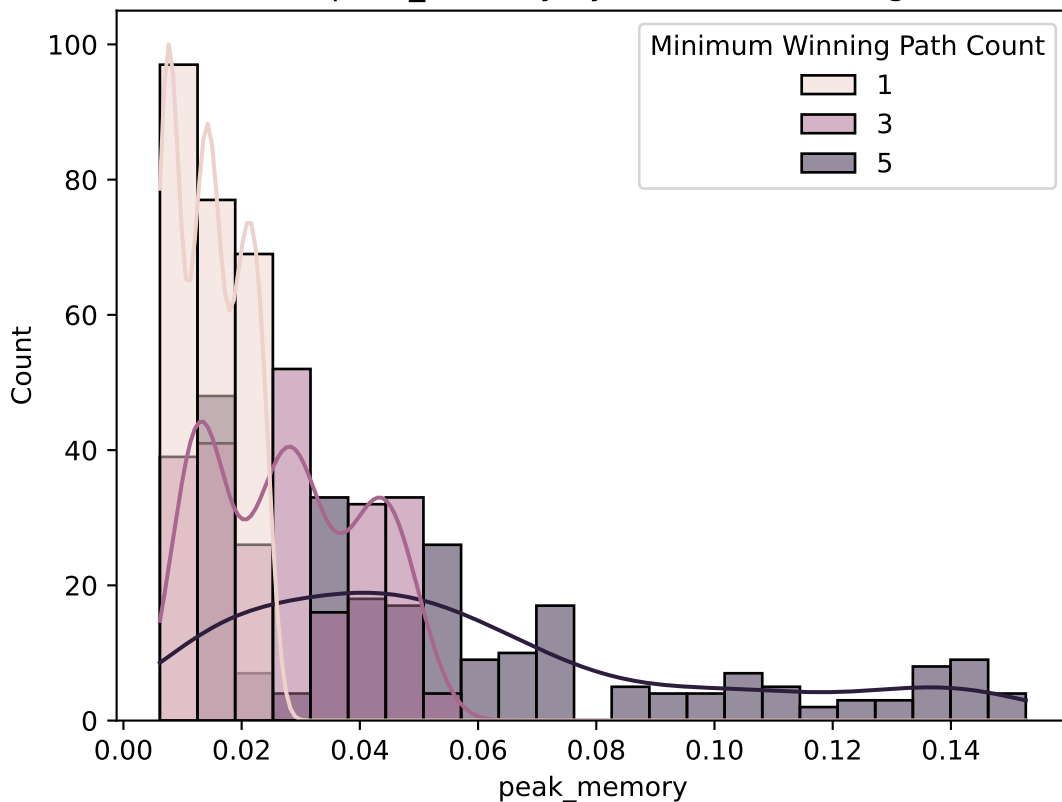
peak\_memory by Seed



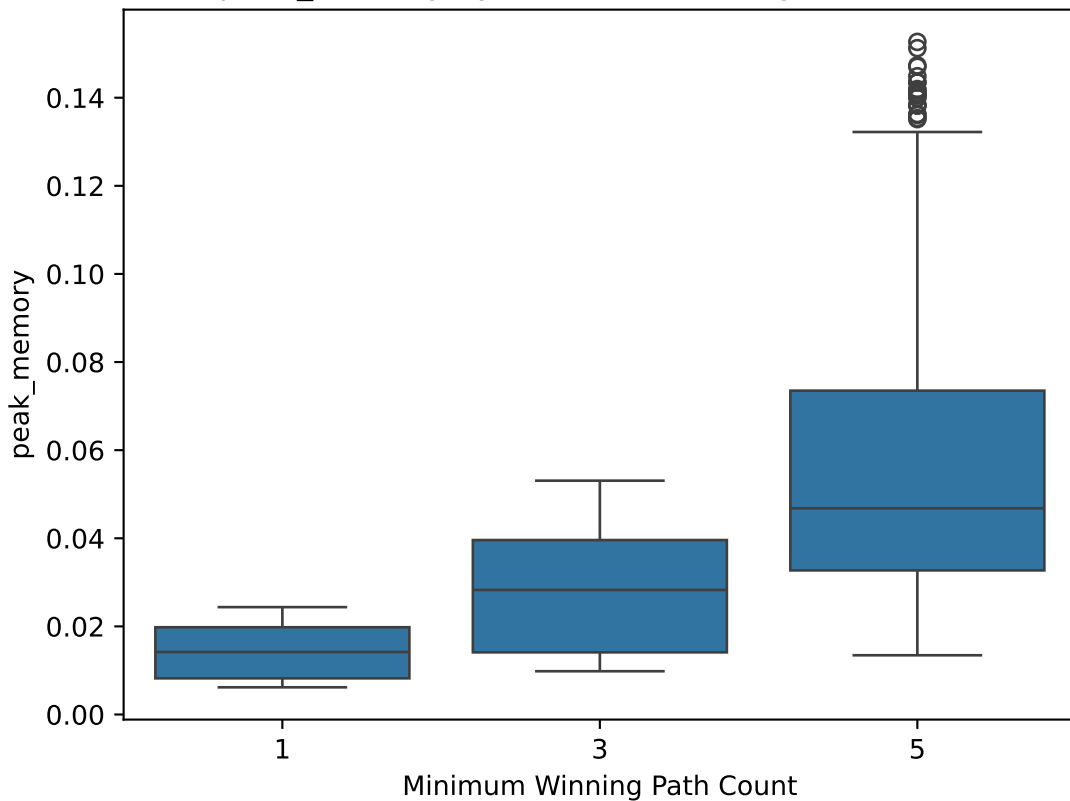
# Summary Statistics for peak\_memory by Seed

	count	mean	std	min	25%	50%	75%	max
133196	1.0	0.028272628784179688	nan	0.028272628784179688	0.028272628784179688	0.028272628784179688	0.028272628784179688	0.028272628784179688
197871	1.0	0.013884544372558594	nan	0.013884544372558594	0.013884544372558594	0.013884544372558594	0.013884544372558594	0.013884544372558594
209641	1.0	0.014978408813476562	nan	0.014978408813476562	0.014978408813476562	0.014978408813476562	0.014978408813476562	0.014978408813476562
249599	1.0	0.013936996459960938	nan	0.013936996459960938	0.013936996459960938	0.013936996459960938	0.013936996459960938	0.013936996459960938
466894	1.0	0.023729324340820312	nan	0.023729324340820312	0.023729324340820312	0.023729324340820312	0.023729324340820312	0.023729324340820312
483846	1.0	0.04630279541015625	nan	0.04630279541015625	0.04630279541015625	0.04630279541015625	0.04630279541015625	0.04630279541015625
577971	1.0	0.015851974487304688	nan	0.015851974487304688	0.015851974487304688	0.015851974487304688	0.015851974487304688	0.015851974487304688
776160	1.0	0.03488731384277344	nan	0.03488731384277344	0.03488731384277344	0.03488731384277344	0.03488731384277344	0.03488731384277344
787461	1.0	0.014021873474121094	nan	0.014021873474121094	0.014021873474121094	0.014021873474121094	0.014021873474121094	0.014021873474121094
841450	1.0	0.02742481231689453	nan	0.02742481231689453	0.02742481231689453	0.02742481231689453	0.02742481231689453	0.02742481231689453

Distribution of peak\_memory by Minimum Winning Path Count



### peak\_memory by Minimum Winning Path Count

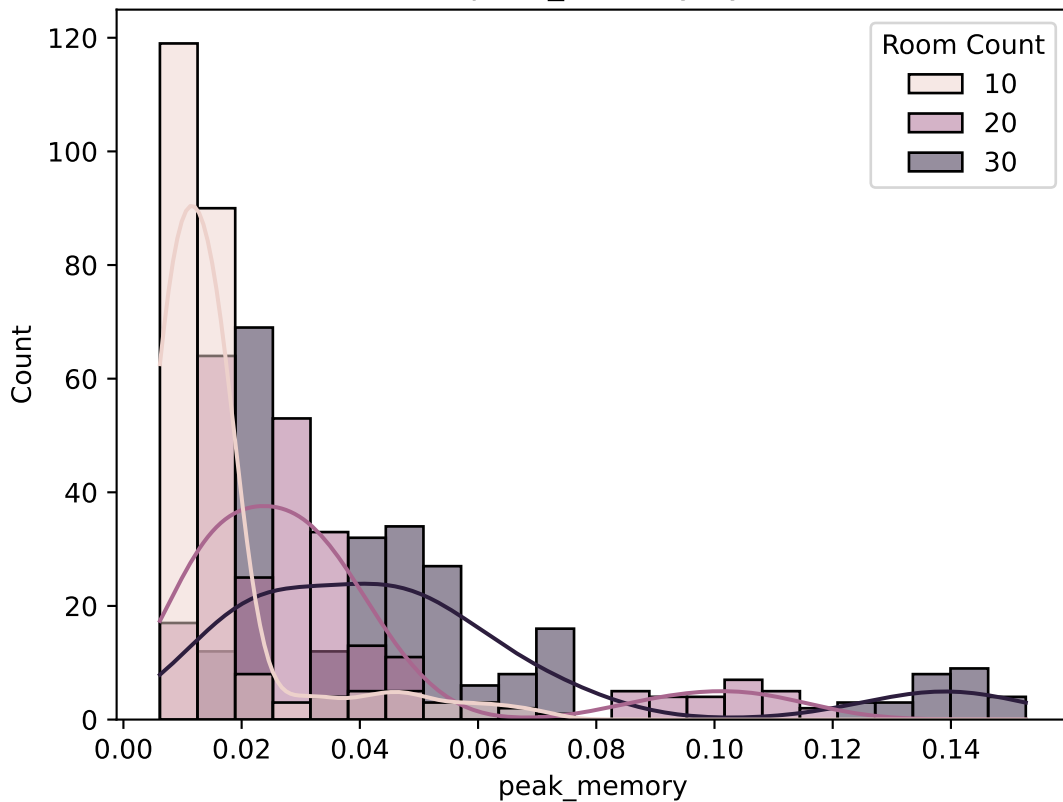


# Summary Statistics for peak\_memory by Minimum Winning Path Count

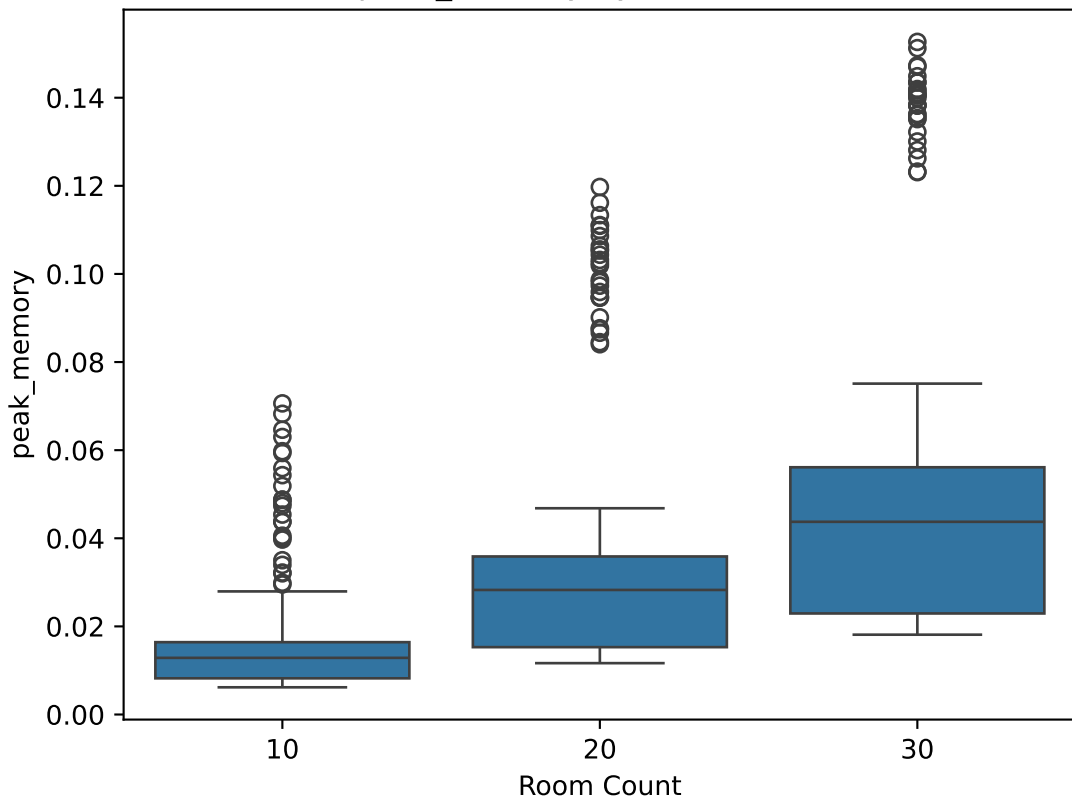
	count	mean	std	min	25%	50%	75%	max
1	243.0	0.01430531882454829	0.005776872073659223	0.0061740875244140625	0.008212089538574219	0.014182090759277344	0.01980447769165039	0.024374008178710938
3	243.0	0.027946099332330648	0.012725185008362987	0.009822845458984375	0.014111042022705078	0.028272628784179688	0.039594173431396484	0.053076744079589844
5	243.0	0.05775988935933682	0.0382520701119883	0.013446807861328125	0.03271484375	0.046814918518066406	0.07350444793701172	0.15266704559326172



Distribution of peak\_memory by Room Count



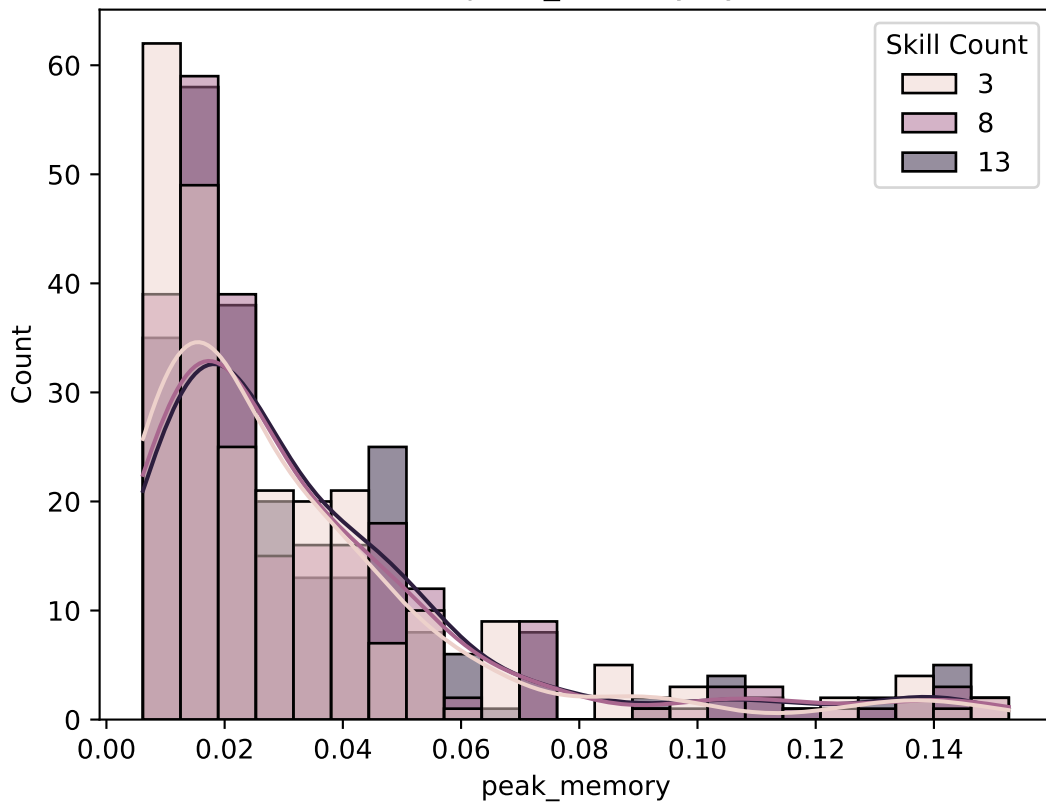
## peak\_memory by Room Count



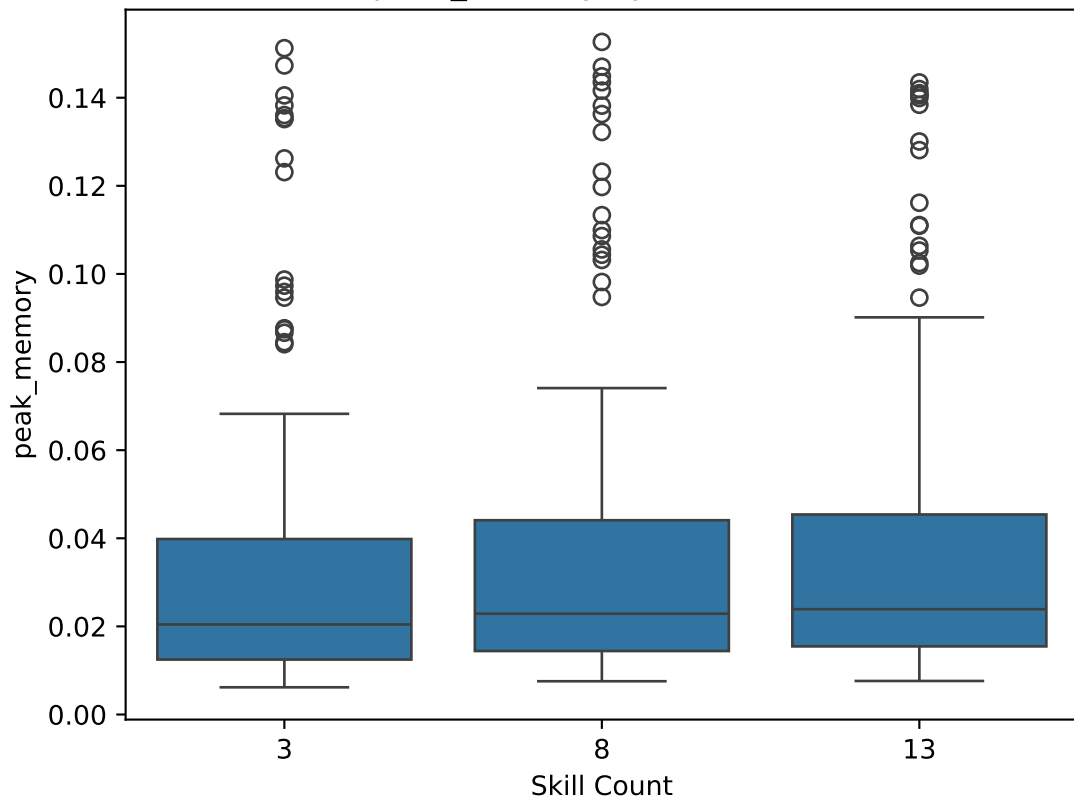
# Summary Statistics for peak\_memory by Room Count

	count	mean	std	min	25%	50%	75%	max
10	243.0	0.015733200826762633	0.01210553001275286	0.0061740875244140625	0.008212089538574219	0.012858390808105469	0.01641702651977539	0.07062053680419922
20	243.0	0.03360330322642385	0.025807611886196836	0.011656761169433594	0.015288829803466797	0.028272628784179688	0.03587198257446289	0.1197357177734375
30	243.0	0.05067480346302927	0.034995506727283125	0.018118858337402344	0.022935867309570312	0.04374122619628906	0.05611896514892578	0.15266704559326172

Distribution of peak\_memory by Skill Count



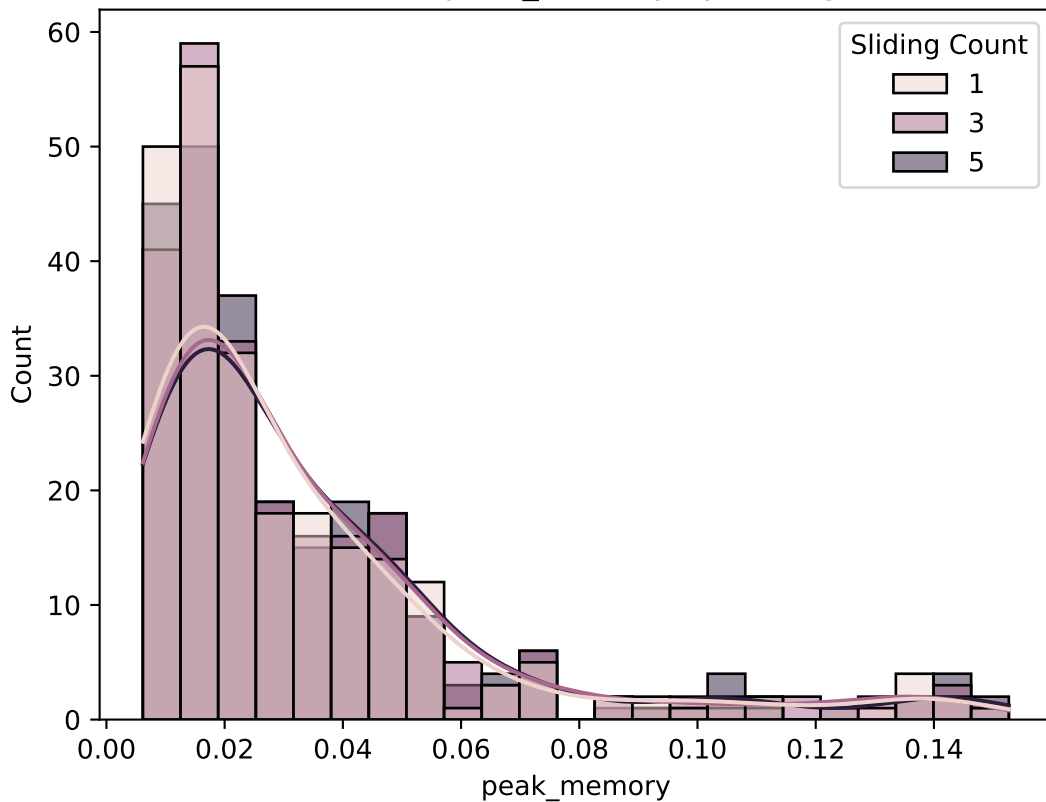
peak\_memory by Skill Count



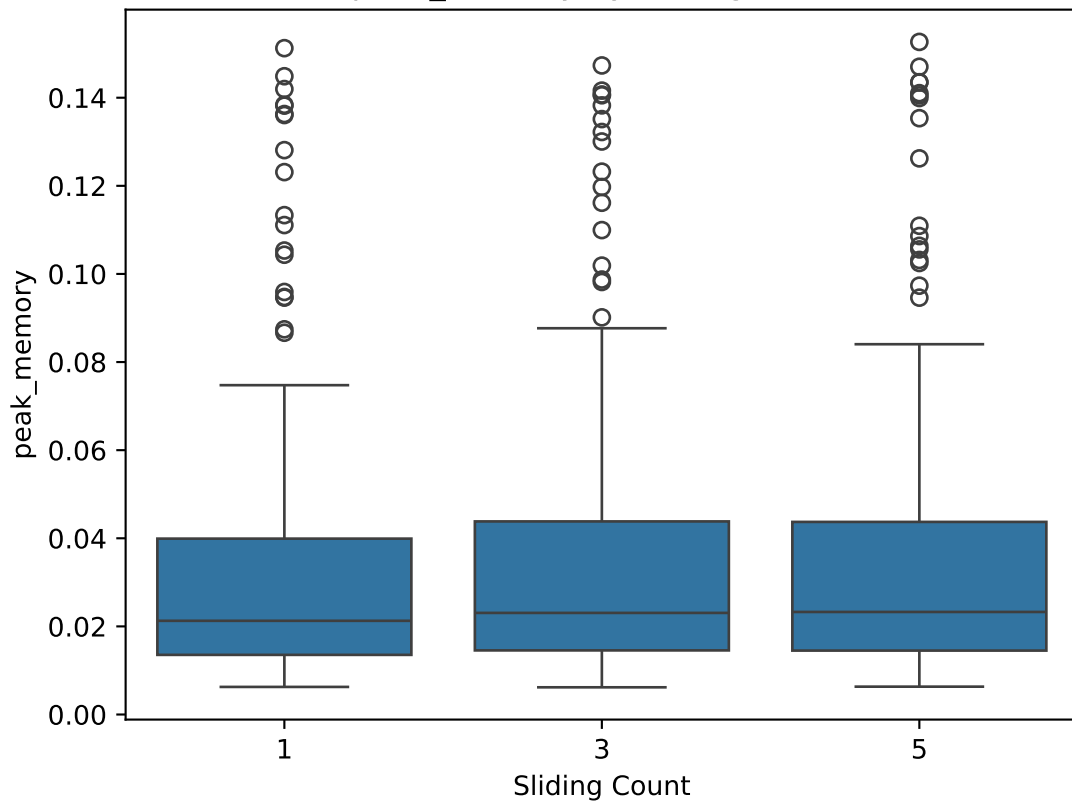
# Summary Statistics for peak\_memory by Skill Count

	count	mean	std	min	25%	50%	75%	max
3	243.0	0.031243230089729214	0.028694659490655652	0.0061740875244140625	0.012468814849853516	0.020433425903320312	0.03983354568481445	0.15124797821044922
8	243.0	0.03403658140833976	0.03047084869792102	0.007552146911621094	0.014409542083740234	0.022889137268066406	0.044098854064941406	0.15266704559326172
13	243.0	0.03473149601814678	0.029860460151937496	0.007613182067871094	0.015460491180419922	0.02389812469482422	0.04540300369262695	0.14347457885742188

Distribution of peak\_memory by Sliding Count



peak\_memory by Sliding Count

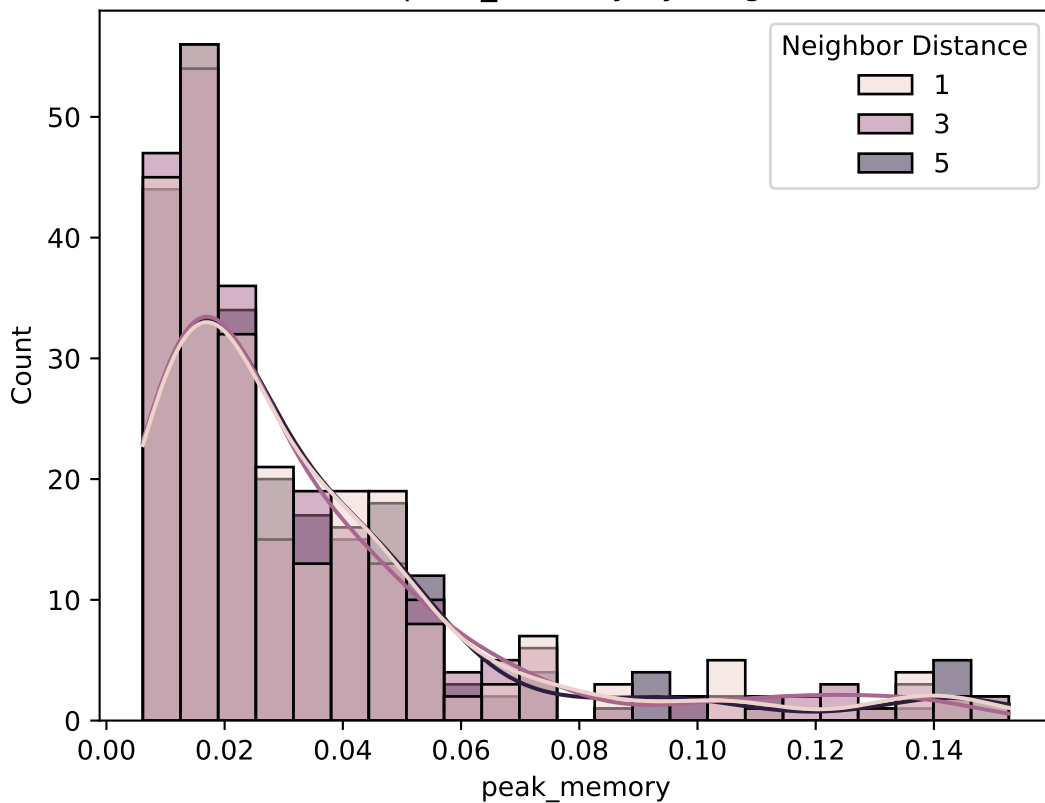




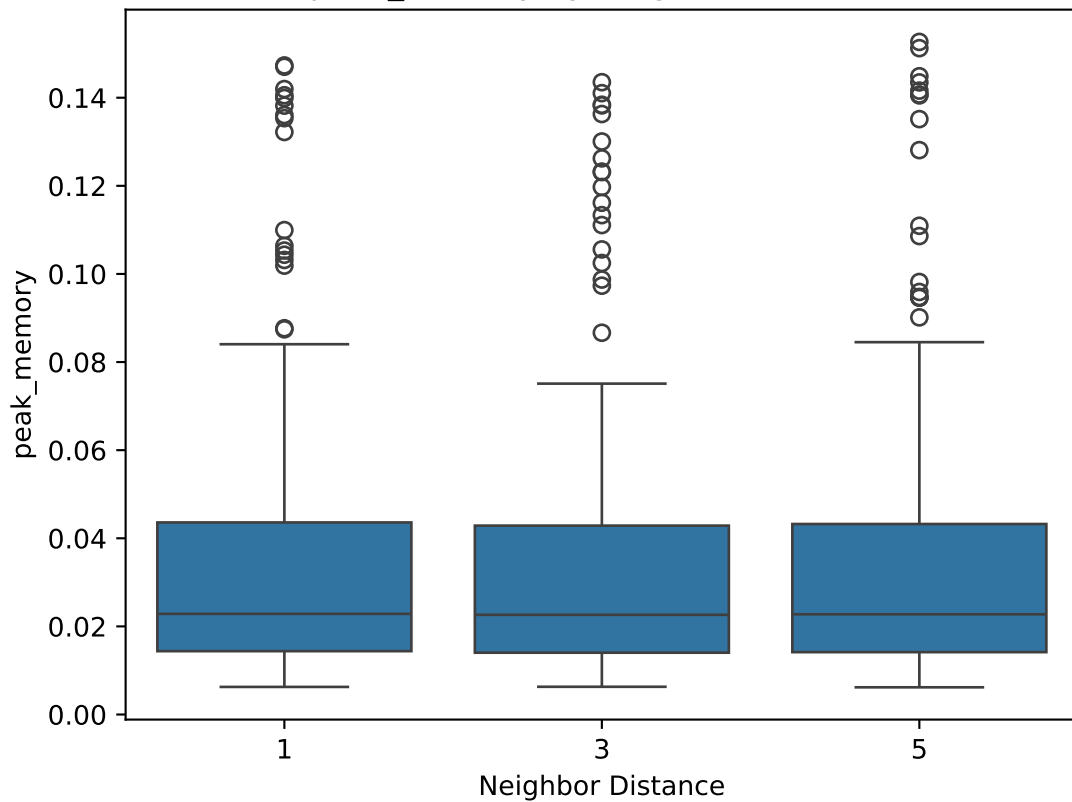
Summary Statistics for peak\_memory by Sliding Count

	count	mean	std	min	25%	50%	75%	max
1	243.0	0.03236438217477053	0.029500992815766836	0.006262779235839844	0.013537406921386719	0.021269798278808594	0.03992033004760742	0.15124797821044922
3	243.0	0.03363094015867131	0.029498341654272574	0.0061740875244140625	0.014553546905517578	0.023062705993652344	0.04382801055908203	0.1473236083984375
5	243.0	0.03401598518277392	0.0301394914909549	0.006321907043457031	0.014509201049804688	0.023278236389160156	0.0437164306640625	0.15266704559326172

Distribution of peak\_memory by Neighbor Distance



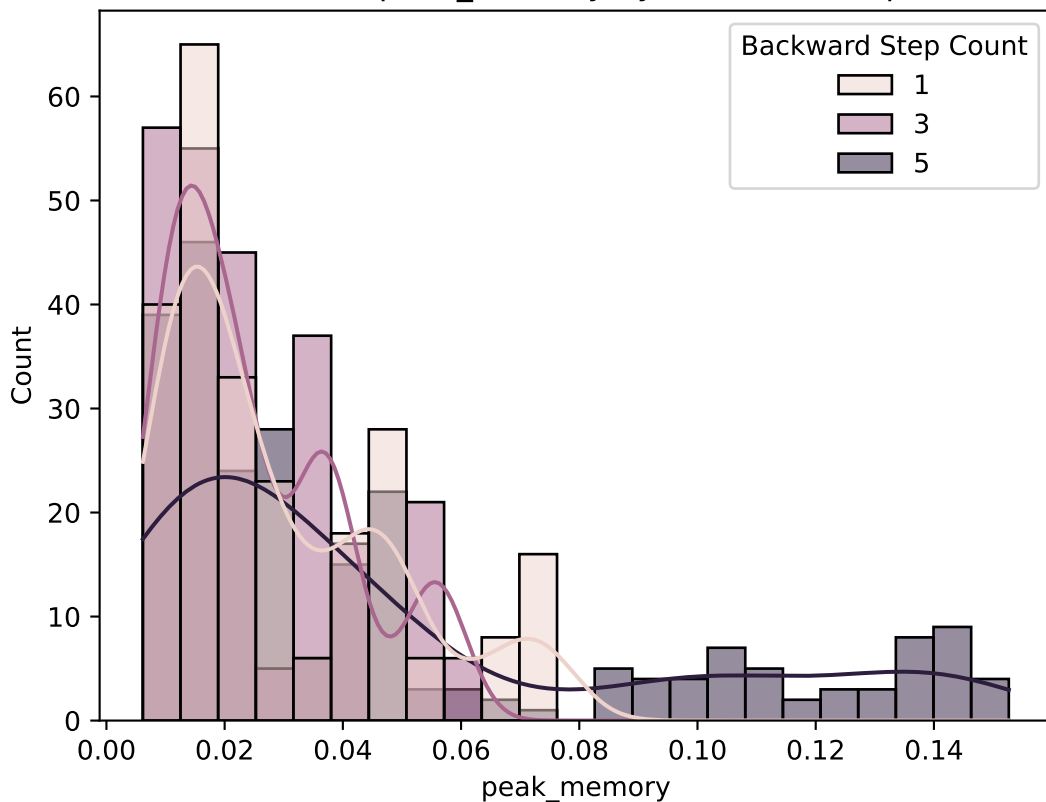
peak\_memory by Neighbor Distance



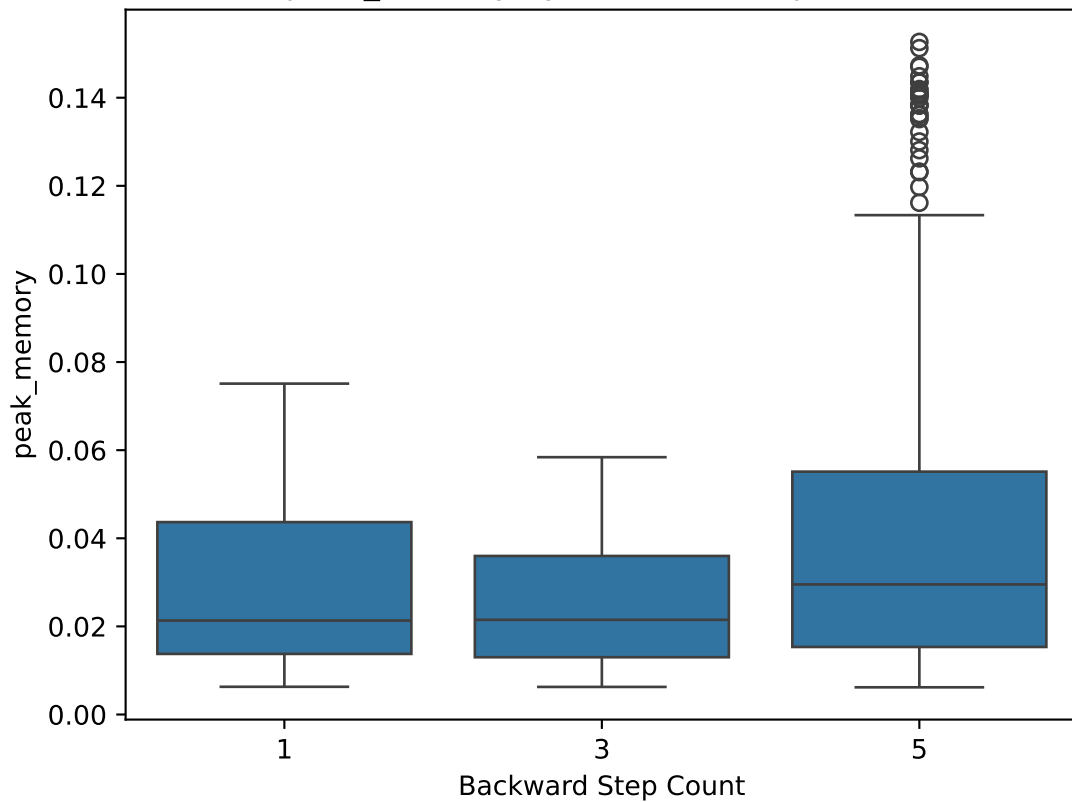
# Summary Statistics for peak\_memory by Neighbor Distance

	count	mean	std	min	25%	50%	75%	max
1	243.0	0.03352336726561495	0.029761184404098896	0.006262779235839844	0.01437997817993164	0.022846221923828125	0.04359149932861328	0.1473236083984375
3	243.0	0.03342357682593075	0.0297356275172012	0.006293296813964844	0.014029979705810547	0.022627830505371094	0.042871952056884766	0.1435251235961914
5	243.0	0.033064363424670055	0.029669792405788292	0.0061740875244140625	0.014156341552734375	0.022747039794921875	0.04323863983154297	0.15266704559326172

Distribution of peak\_memory by Backward Step Count



peak\_memory by Backward Step Count



# Summary Statistics for peak\_memory by Backward Step Count

	count	mean	std	min	25%	50%	75%	max
1	243.0	0.028771007993093733	0.01907790579400016	0.006293296813964844	0.013754844665527344	0.021322250366210938	0.0436701774597168	0.07510566711425781
3	243.0	0.02494899529979062	0.014800181879148963	0.006262779235839844	0.013000965118408203	0.021491050720214844	0.035985469818115234	0.05840587615966797
5	243.0	0.04629130422333141	0.042511717817707	0.0061740875244140625	0.015329837799072266	0.029524803161621094	0.05512666702270508	0.15266704559326172