[1] "Reported means are for principal 1 which is the first algorithm listed in the pair for each column
" [1] "In each cell, first line is mean, second line is variance, third line is % of the time that market share > 0.1 or market share < 0.9"

Results for 1000 Needle In Haystack Medium

	ThompsonSampling, DynamicEpsilonGreedy	ThompsonSampling, DynamicGreedy	DynamicGreedy, DynamicEpsilonGreedy
HardMax	**0.02365** +/- 0.005933 0.001123 (0.0008888, 0.001465) Extreme Shares: 1	**0.02696** +/- 0.006192 0.001223 (0.0009679, 0.001596) Extreme Shares: 1	**0.02369** +/- 0.005816 0.001079 (0.000854, 0.001408) Extreme Shares: 1
HardMaxWithRandom	**0.03519** +/- 0.005438 0.0009437 (0.0007467, 0.001231) Extreme Shares: 1	**0.03945** +/- 0.005344 0.0009111 (0.0007209, 0.001188) Extreme Shares: 1	**0.03486** +/- 0.005342 0.0009105 (0.0007204, 0.001188) Extreme Shares: 1

Results for 5000 Needle In Haystack Medium

	ThompsonSampling, DynamicEpsilonGreedy	ThompsonSampling, DynamicGreedy	DynamicGreedy, DynamicEpsilonGreedy
HardMax	**0.148** +/- 0.03266 0.03403 (0.02693, 0.04439) Extreme Shares: 0.56	**0.1504** +/- 0.03276 0.03425 (0.0271, 0.04467) Extreme Shares: 0.576	**0.1083** +/- 0.02926 0.02731 (0.02161, 0.03562) Extreme Shares: 0.72
HardMaxWithRandom	**0.2207** +/- 0.02367 0.01788 (0.01414, 0.02332) Extreme Shares: 0.208	**0.2534** +/- 0.02241 0.01602 (0.01268, 0.02089) Extreme Shares: 0.104	**0.2093** +/- 0.02241 0.01602 (0.01268, 0.0209) Extreme Shares: 0.256

Results for 7000 Needle In Haystack Medium

	ThompsonSampling, DynamicEpsilonGreedy	ThompsonSampling, DynamicGreedy	DynamicGreedy, DynamicEpsilonGreedy
HardMax	**0.2231** +/- 0.0465 0.06898 (0.05458, 0.08997) Extreme Shares: 0.528	**0.2231** +/- 0.04684 0.07 (0.05539, 0.0913) Extreme Shares: 0.528	**0.1479** +/- 0.04085 0.05324 (0.04213, 0.06944) Extreme Shares: 0.704
HardMaxWithRandom	**0.316** +/- 0.03075 0.03017 (0.02387, 0.03935) Extreme Shares: 0.128	**0.374** +/- 0.02917 0.02716 (0.02149, 0.03542) Extreme Shares: 0.072	**0.2946** +/- 0.03029 0.02928 (0.02317, 0.03819) Extreme Shares: 0.192

Results for 10000 Needle In Haystack Medium

	ThompsonSampling, DynamicEpsilonGreedy	ThompsonSampling, DynamicGreedy	DynamicGreedy, DynamicEpsilonGreedy
HardMax	**0.3389** +/- 0.06752 0.1455 (0.1151, 0.1898) Extreme Shares: 0.624	**0.3256** +/- 0.06733 0.1446 (0.1144, 0.1886) Extreme Shares: 0.624	**0.1981** +/- 0.05632 0.1012 (0.08009, 0.132) Extreme Shares: 0.736
HardMaxWithRandom	**0.4559** +/- 0.04007 0.05124 (0.04054, 0.06683) Extreme Shares: 0.016	**0.5572** +/- 0.0397 0.05028 (0.03978, 0.06558) Extreme Shares: 0.032	**0.4158** +/- 0.04021 0.05159 (0.04082, 0.06729) Extreme Shares: 0.072

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Results for 1000 Needle In Haystack High

	ThompsonSampling, DynamicEpsilonGreedy	ThompsonSampling, DynamicGreedy	DynamicGreedy, DynamicEpsilonGreedy
HardMax	**0.01735** +/- 0.005956 0.001132 (0.0008955, 0.001476) Extreme Shares: 1	**0.03175** +/- 0.007764 0.001923 (0.001522, 0.002508) Extreme Shares: 1	**0.01763** +/- 0.006274 0.001256 (0.0009937, 0.001638) Extreme Shares: 1
HardMaxWithRandom	**0.03455** +/- 0.006594 0.001388 (0.001098, 0.00181) Extreme Shares: 1	**0.03979** +/- 0.007245 0.001675 (0.001325, 0.002185) Extreme Shares: 1	**0.02874** +/- 0.005924 0.00112 (0.0008859, 0.00146) Extreme Shares: 1

Results for 5000 Needle In Haystack High

	ThompsonSampling, DynamicEpsilonGreedy	ThompsonSampling, DynamicGreedy	DynamicGreedy, DynamicEpsilonGreedy
HardMax	**0.1112** +/- 0.0331 0.03496 (0.02767, 0.0456) Extreme Shares: 0.72	**0.179** +/- 0.04001 0.05107 (0.04041, 0.06661) Extreme Shares: 0.6	**0.09145** +/- 0.03088 0.03043 (0.02408, 0.03969) Extreme Shares: 0.768
HardMaxWithRandom	**0.2471** +/- 0.02884 0.02655 (0.021, 0.03462) Extreme Shares: 0.248	**0.2648** +/- 0.0331 0.03497 (0.02767, 0.04561) Extreme Shares: 0.248	**0.1963** +/- 0.02784 0.02473 (0.01956, 0.03225) Extreme Shares: 0.36

Results for 7000 Needle In Haystack High

	ThompsonSampling, DynamicEpsilonGreedy	ThompsonSampling, DynamicGreedy	DynamicGreedy, DynamicEpsilonGreedy
HardMax	**0.1574** +/- 0.04669 0.06956 (0.05504, 0.09072) Extreme Shares: 0.712	**0.2591** +/- 0.05613 0.1005 (0.07953, 0.1311) Extreme Shares: 0.56	**0.1315** +/- 0.04385 0.06137 (0.04856, 0.08004) Extreme Shares: 0.752
HardMaxWithRandom	**0.3679** +/- 0.0356 0.04044 (0.032, 0.05274) Extreme Shares: 0.104	**0.3917** +/- 0.04356 0.06053 (0.0479, 0.07895) Extreme Shares: 0.16	**0.2867** +/- 0.03845 0.04718 (0.03733, 0.06153) Extreme Shares: 0.32

Results for 10000 Needle In Haystack High

	ThompsonSampling, DynamicEpsilonGreedy	ThompsonSampling, DynamicGreedy	DynamicGreedy, DynamicEpsilonGreedy
HardMax	**0.2318** +/- 0.06716 0.1439 (0.1139, 0.1877) Extreme Shares: 0.832	**0.3816** +/- 0.08051 0.2068 (0.1636, 0.2698) Extreme Shares: 0.856	**0.1939** +/- 0.0637 0.1295 (0.1025, 0.1689) Extreme Shares: 0.864
HardMaxWithRandom	**0.5383** +/- 0.04223 0.05691 (0.04503, 0.07423) Extreme Shares: 0.144	**0.5903** +/- 0.05805 0.1075 (0.08506, 0.1402) Extreme Shares: 0.416	**0.4159** +/- 0.05324 0.09044 (0.07156, 0.118) Extreme Shares: 0.352

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Results for 1000 Heavy Tail

	ThompsonSampling, DynamicEpsilonGreedy	ThompsonSampling, DynamicGreedy	DynamicGreedy, DynamicEpsilonGreedy
HardMax	**0.004593** +/- 0.003452 0.0003802 (0.0003008, 0.0004959) Extreme Shares: 1	**0.01206** +/- 0.00539 0.0009269 (0.0007334, 0.001209) Extreme Shares: 1	**0.02224** +/- 0.006673 0.001421 (0.001124, 0.001853) Extreme Shares: 1
HardMaxWithRandom	**0.02322** +/- 0.006139 0.001203 (0.0009515, 0.001569) Extreme Shares: 1	**0.01665** +/- 0.004988 0.000794 (0.0006282, 0.001036) Extreme Shares: 1	**0.02906** +/- 0.00589 0.001107 (0.0008758, 0.001444) Extreme Shares: 1

Results for 5000 Heavy Tail

	ThompsonSampling, DynamicEpsilonGreedy	ThompsonSampling, DynamicGreedy	DynamicGreedy, DynamicEpsilonGreedy
HardMax	**0.0359** +/- 0.0215 0.01475 (0.01167, 0.01923) Extreme Shares: 0.92	**0.06899** +/- 0.02871 0.02629 (0.02081, 0.0343) Extreme Shares: 0.84	**0.1225** +/- 0.03537 0.03993 (0.03159, 0.05208) Extreme Shares: 0.72
HardMaxWithRandom	**0.2303** +/- 0.02593 0.02146 (0.01698, 0.02798) Extreme Shares: 0.216	**0.1825** +/- 0.02694 0.02315 (0.01832, 0.0302) Extreme Shares: 0.424	**0.2538** +/- 0.02522 0.02029 (0.01606, 0.02647) Extreme Shares: 0.192

Results for 7000 Heavy Tail

	ThompsonSampling, DynamicEpsilonGreedy	ThompsonSampling, DynamicGreedy	DynamicGreedy, DynamicEpsilonGreedy
HardMax	**0.05276** +/- 0.03071 0.03009 (0.02381, 0.03925) Extreme Shares: 0.912	**0.09794** +/- 0.0404 0.05208 (0.04121, 0.06793) Extreme Shares: 0.832	**0.1695** +/- 0.04931 0.07757 (0.06138, 0.1012) Extreme Shares: 0.72
HardMaxWithRandom	**0.3727** +/- 0.03021 0.02912 (0.02304, 0.03798) Extreme Shares: 0.032	**0.2882** +/- 0.03518 0.0395 (0.03125, 0.05152) Extreme Shares: 0.176	**0.3837** +/- 0.03363 0.0361 (0.02856, 0.04708) Extreme Shares: 0.104

Results for 10000 Heavy Tail

	ThompsonSampling, DynamicEpsilonGreedy	ThompsonSampling, DynamicGreedy	DynamicGreedy, DynamicEpsilonGreedy
HardMax	**0.07967** +/- 0.04483 0.06413 (0.05075, 0.08365) Extreme Shares: 0.96	**0.1417** +/- 0.05721 0.1044 (0.08264, 0.1362) Extreme Shares: 0.928	**0.2447** +/- 0.07129 0.1622 (0.1283, 0.2115) Extreme Shares: 0.896
HardMaxWithRandom	**0.5788** +/- 0.03632 0.0421 (0.03331, 0.0549) Extreme Shares: 0.112	**0.4586** +/- 0.04536 0.06566 (0.05195, 0.08564) Extreme Shares: 0.104	**0.572** +/- 0.04566 0.06651 (0.05263, 0.08675) Extreme Shares: 0.152

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Results for 1000 Uniform

	ThompsonSampling, DynamicEpsilonGreedy	ThompsonSampling, DynamicGreedy	DynamicGreedy, DynamicEpsilonGreedy
HardMax	**0.01343** +/- 0.005088 0.0008259 (0.0006535, 0.001077) Extreme Shares: 1	**0.01823** +/- 0.005918 0.001118 (0.0008844, 0.001458) Extreme Shares: 1	**0.019** +/- 0.006305 0.001268 (0.001003, 0.001654) Extreme Shares: 1
HardMaxWithRandom	**0.02824** +/- 0.006014 0.001154 (0.000913, 0.001505) Extreme Shares: 1	**0.03158** +/- 0.005982 0.001142 (0.0009034, 0.001489) Extreme Shares: 1	**0.0331** +/- 0.005876 0.001102 (0.0008717, 0.001437) Extreme Shares: 1

Results for 5000 Uniform

	ThompsonSampling, DynamicEpsilonGreedy	ThompsonSampling, DynamicGreedy	DynamicGreedy, DynamicEpsilonGreedy
HardMax	**0.08112** +/- 0.02814 0.02527 (0.01999, 0.03296) Extreme Shares: 0.784	**0.1163** +/- 0.03351 0.03582 (0.02834, 0.04672) Extreme Shares: 0.704	**0.1021** +/- 0.03132 0.03131 (0.02477, 0.04083) Extreme Shares: 0.72
HardMaxWithRandom	**0.2108** +/- 0.02524 0.02033 (0.01608, 0.02651) Extreme Shares: 0.28	**0.2382** +/- 0.02816 0.0253 (0.02002, 0.033) Extreme Shares: 0.248	**0.2125** +/- 0.02528 0.02039 (0.01614, 0.0266) Extreme Shares: 0.28

Results for 7000 Uniform

	ThompsonSampling, DynamicEpsilonGreedy	ThompsonSampling, DynamicGreedy	DynamicGreedy, DynamicEpsilonGreedy
HardMax	**0.125** +/- 0.0404 0.05207 (0.0412, 0.06791) Extreme Shares: 0.728	**0.1721** +/- 0.04816 0.07399 (0.05855, 0.09651) Extreme Shares: 0.688	**0.1465** +/- 0.04489 0.06431 (0.05089, 0.08388) Extreme Shares: 0.72
HardMaxWithRandom	**0.3277** +/- 0.03255 0.03382 (0.02676, 0.04411) Extreme Shares: 0.12	**0.3645** +/- 0.03592 0.04118 (0.03258, 0.05371) Extreme Shares: 0.112	**0.304** +/- 0.03394 0.03676 (0.02909, 0.04795) Extreme Shares: 0.184

Results for 10000 Uniform

	ThompsonSampling, DynamicEpsilonGreedy	ThompsonSampling, DynamicGreedy	DynamicGreedy, DynamicEpsilonGreedy
HardMax	**0.1861** +/- 0.059 0.1111 (0.08788, 0.1449) Extreme Shares: 0.824	**0.2527** +/- 0.06952 0.1542 (0.122, 0.2011) Extreme Shares: 0.848	**0.2136** +/- 0.06416 0.1314 (0.1039, 0.1713) Extreme Shares: 0.816
HardMaxWithRandom	**0.4862** +/- 0.04299 0.05898 (0.04667, 0.07693) Extreme Shares: 0.152	**0.5475** +/- 0.04846 0.07494 (0.05929, 0.09774) Extreme Shares: 0.248	**0.4257** +/- 0.04598 0.06745 (0.05337, 0.08797) Extreme Shares: 0.192

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