

Results for HardMax t = 1000 Needle In Haystack High Info + Rep

	Thompson Sampling	Dynamic Epsilon Greedy	DynamicGreedy
Thompson Sampling	0.1 +/- 0.022 0.063 (0.056, 0.072) Extreme Shares: 87 %	0.13 +/- 0.026 0.086 (0.076, 0.097) Extreme Shares: 88 %	0.28 +/- 0.036 0.17 (0.15, 0.19) Extreme Shares: 84 %
Dynamic Epsilon Greedy	0.093 +/- 0.022 0.064 (0.056, 0.072) Extreme Shares: 91 %	0.18 +/- 0.031 0.12 (0.11, 0.14) Extreme Shares: 89 %	0.26 +/- 0.035 0.16 (0.14, 0.18) Extreme Shares: 86 %
DynamicGreedy	0.11 +/- 0.024 0.072 (0.064, 0.081) Extreme Shares: 87 %	0.18 +/- 0.03 0.12 (0.1, 0.13) Extreme Shares: 88 %	0.23 +/- 0.033 0.14 (0.13, 0.16) Extreme Shares: 85 %

Results for HardMax t = 1000 Needle In Haystack High Info

	Thompson Sampling	Dynamic Epsilon Greedy	DynamicGreedy
Thompson Sampling	0.32 +/- 0.051 0.2 (0.17, 0.24) Extreme Shares: 94 %	0.35 +/- 0.052 0.21 (0.18, 0.25) Extreme Shares: 92 %	0.46 +/- 0.055 0.23 (0.2, 0.28) Extreme Shares: 94 %
Dynamic Epsilon Greedy	0.26 +/- 0.048 0.18 (0.15, 0.21) Extreme Shares: 93 %	0.37 +/- 0.053 0.22 (0.18, 0.25) Extreme Shares: 92 %	0.41 +/- 0.053 0.22 (0.19, 0.26) Extreme Shares: 90 %
DynamicGreedy	0.29 +/- 0.049 0.19 (0.16, 0.22) Extreme Shares: 94 %	0.32 +/- 0.051 0.2 (0.17, 0.24) Extreme Shares: 92 %	0.4 +/- 0.053 0.22 (0.19, 0.26) Extreme Shares: 89 %

Results for HardMax t = 1000 Needle In Haystack High Rep

	Thompson Sampling	Dynamic Epsilon Greedy	DynamicGreedy
Thompson Sampling	0.15 +/- 0.037 0.11 (0.091, 0.13) Extreme Shares: 90 %	0.25 +/- 0.045 0.16 (0.13, 0.19) Extreme Shares: 88 %	0.32 +/- 0.049 0.19 (0.16, 0.22) Extreme Shares: 86 %
Dynamic Epsilon Greedy	0.16 +/- 0.037 0.11 (0.091, 0.12) Extreme Shares: 88 %	0.24 +/- 0.045 0.15 (0.13, 0.18) Extreme Shares: 89 %	0.29 +/- 0.046 0.16 (0.14, 0.19) Extreme Shares: 80 %
DynamicGreedy	0.16 +/- 0.038 0.11 (0.096, 0.13) Extreme Shares: 91 %	0.21 +/- 0.042 0.14 (0.12, 0.16) Extreme Shares: 86 %	0.31 +/- 0.048 0.18 (0.15, 0.21) Extreme Shares: 83 %

Results for HardMaxWithRandom t = 1000 Needle In Haystack High Info + Rep

	Thompson Sampling	Dynamic Epsilon Greedy	DynamicGreedy
Thompson Sampling	0.17 +/- 0.023 0.067 (0.059, 0.076) Extreme Shares: 73 %	0.3 +/- 0.031 0.13 (0.11, 0.14) Extreme Shares: 66 %	0.34 +/- 0.034 0.15 (0.13, 0.17) Extreme Shares: 71 %
Dynamic Epsilon Greedy	0.22 +/- 0.026 0.088 (0.078, 0.1) Extreme Shares: 67 %	0.26 +/- 0.029 0.11 (0.094, 0.12) Extreme Shares: 68 %	0.37 +/- 0.034 0.15 (0.13, 0.17) Extreme Shares: 66 %
DynamicGreedy	0.23 +/- 0.026 0.086 (0.076, 0.097) Extreme Shares: 65 %	0.29 +/- 0.03 0.12 (0.1, 0.13) Extreme Shares: 65 %	0.37 +/- 0.033 0.14 (0.12, 0.16) Extreme Shares: 63 %

Results for HardMaxWithRandom t = 1000 Needle In Haystack High Info

	Thompson Sampling	Dynamic Epsilon Greedy	DynamicGreedy
Thompson Sampling	0.31 +/- 0.041 0.13 (0.11, 0.16) Extreme Shares: 68 %	0.36 +/- 0.045 0.16 (0.13, 0.19) Extreme Shares: 70 %	0.47 +/- 0.047 0.17 (0.15, 0.21) Extreme Shares: 70 %
Dynamic Epsilon Greedy	0.31 +/- 0.041 0.13 (0.11, 0.15) Extreme Shares: 69 %	0.38 +/- 0.045 0.16 (0.13, 0.19) Extreme Shares: 71 %	0.51 +/- 0.047 0.17 (0.14, 0.2) Extreme Shares: 68 %
DynamicGreedy	0.3 +/- 0.041 0.13 (0.11, 0.15) Extreme Shares: 70 %	0.34 +/- 0.043 0.14 (0.12, 0.17) Extreme Shares: 69 %	0.45 +/- 0.045 0.16 (0.14, 0.19) Extreme Shares: 64 %

Results for HardMaxWithRandom t = 1000 Needle In Haystack High Rep

	Thompson Sampling	Dynamic Epsilon Greedy	DynamicGreedy
Thompson Sampling	0.25 +/- 0.036 0.1 (0.087, 0.12) Extreme Shares: 65 %	0.33 +/- 0.043 0.14 (0.12, 0.17) Extreme Shares: 69 %	0.41 +/- 0.046 0.16 (0.14, 0.19) Extreme Shares: 67 %
Dynamic Epsilon Greedy	0.24 +/- 0.036 0.1 (0.087, 0.12) Extreme Shares: 69 %	0.36 +/- 0.042 0.14 (0.12, 0.16) Extreme Shares: 60 %	0.4 +/- 0.044 0.15 (0.13, 0.18) Extreme Shares: 63 %
DynamicGreedy	0.23 +/- 0.036 0.099 (0.085, 0.12) Extreme Shares: 70 %	0.3 +/- 0.041 0.13 (0.11, 0.15) Extreme Shares: 67 %	0.39 +/- 0.043 0.14 (0.12, 0.17) Extreme Shares: 59 %

Results for SoftMax t = 1000 Needle In Haystack High Info + Rep

	Thompson Sampling	Dynamic Epsilon Greedy	DynamicGreedy
Thompson Sampling	0.43 +/- 0.0082 0.0088 (0.0078, 0.01) Extreme Shares: 0 %	0.46 +/- 0.012 0.018 (0.016, 0.02) Extreme Shares: 0 %	0.52 +/- 0.016 0.033 (0.029, 0.037) Extreme Shares: 0 %
Dynamic Epsilon Greedy	0.42 +/- 0.011 0.016 (0.014, 0.018) Extreme Shares: 0 %	0.46 +/- 0.013 0.023 (0.021, 0.027) Extreme Shares: 0 %	0.5 +/- 0.017 0.036 (0.032, 0.041) Extreme Shares: 0 %
DynamicGreedy	0.39 +/- 0.013 0.022 (0.02, 0.025) Extreme Shares: 0 %	0.44 +/- 0.015 0.03 (0.026, 0.034) Extreme Shares: 0 %	0.49 +/- 0.017 0.039 (0.034, 0.044) Extreme Shares: 0 %

Results for SoftMax t = 1000 Needle In Haystack High Info

	Thompson Sampling	Dynamic Epsilon Greedy	DynamicGreedy
Thompson Sampling	0.33 +/- 0.025 0.05 (0.043, 0.059) Extreme Shares: 6.3 %	0.39 +/- 0.03 0.069 (0.059, 0.082) Extreme Shares: 7.3 %	0.48 +/- 0.036 0.099 (0.085, 0.12) Extreme Shares: 13 %
Dynamic Epsilon Greedy	0.34 +/- 0.027 0.057 (0.049, 0.067) Extreme Shares: 12 %	0.4 +/- 0.032 0.078 (0.067, 0.092) Extreme Shares: 14 %	0.47 +/- 0.034 0.09 (0.077, 0.11) Extreme Shares: 12 %
DynamicGreedy	0.37 +/- 0.029 0.066 (0.057, 0.079) Extreme Shares: 11 %	0.38 +/- 0.031 0.072 (0.062, 0.085) Extreme Shares: 15 %	0.45 +/- 0.033 0.085 (0.073, 0.1) Extreme Shares: 12 %

Results for SoftMax t = 1000 Needle In Haystack High Rep

	Thompson Sampling	Dynamic Epsilon Greedy	DynamicGreedy
Thompson Sampling	0.39 +/- 0.029 0.066 (0.056, 0.078) Extreme Shares: 8.7 %	0.47 +/- 0.032 0.081 (0.069, 0.095) Extreme Shares: 4 %	0.5 +/- 0.035 0.093 (0.079, 0.11) Extreme Shares: 10 %
Dynamic Epsilon Greedy	0.39 +/- 0.031 0.075 (0.064, 0.089) Extreme Shares: 14 %	0.46 +/- 0.032 0.08 (0.069, 0.095) Extreme Shares: 9.3 %	0.5 +/- 0.033 0.084 (0.072, 0.099) Extreme Shares: 11 %
DynamicGreedy	0.39 +/- 0.032 0.079 (0.068, 0.093) Extreme Shares: 11 %	0.39 +/- 0.032 0.079 (0.068, 0.093) Extreme Shares: 11 %	0.49 +/- 0.033 0.086 (0.074, 0.1) Extreme Shares: 7.7 %

Results for HardMax t = 1000 Heavy Tail Info + Rep

	Thompson Sampling	Dynamic Epsilon Greedy	DynamicGreedy
Thompson Sampling	0.042 +/- 0.014 0.026 (0.023, 0.03) Extreme Shares: 93 %	0.081 +/- 0.021 0.06 (0.053, 0.068) Extreme Shares: 93 %	0.12 +/- 0.027 0.091 (0.081, 0.1) Extreme Shares: 93 %
Dynamic Epsilon Greedy	0.11 +/- 0.022 0.062 (0.055, 0.071) Extreme Shares: 84 %	0.15 +/- 0.026 0.087 (0.077, 0.099) Extreme Shares: 81 %	0.16 +/- 0.028 0.099 (0.088, 0.11) Extreme Shares: 83 %
DynamicGreedy	0.14 +/- 0.024 0.077 (0.068, 0.088) Extreme Shares: 82 %	0.2 +/- 0.031 0.13 (0.11, 0.14) Extreme Shares: 83 %	0.18 +/- 0.027 0.097 (0.086, 0.11) Extreme Shares: 76 %

Results for HardMax t = 1000 Heavy Tail Info

	Thompson Sampling	Dynamic Epsilon Greedy	DynamicGreedy
Thompson Sampling	0.18 +/- 0.042 0.14 (0.12, 0.16) Extreme Shares: 97 %	0.17 +/- 0.042 0.14 (0.12, 0.16) Extreme Shares: 98 %	0.23 +/- 0.047 0.17 (0.15, 0.2) Extreme Shares: 98 %
Dynamic Epsilon Greedy	0.23 +/- 0.045 0.16 (0.13, 0.19) Extreme Shares: 92 %	0.32 +/- 0.049 0.19 (0.16, 0.22) Extreme Shares: 86 %	0.25 +/- 0.046 0.16 (0.14, 0.19) Extreme Shares: 90 %
DynamicGreedy	0.28 +/- 0.047 0.17 (0.15, 0.2) Extreme Shares: 87 %	0.33 +/- 0.051 0.2 (0.17, 0.23) Extreme Shares: 91 %	0.3 +/- 0.047 0.17 (0.15, 0.2) Extreme Shares: 83 %

Results for HardMax t = 1000 Heavy Tail Rep

	Thompson Sampling	Dynamic Epsilon Greedy	DynamicGreedy
Thompson Sampling	0.059 +/- 0.025 0.047 (0.04, 0.056) Extreme Shares: 97 %	0.11 +/- 0.033 0.085 (0.073, 0.1) Extreme Shares: 94 %	0.15 +/- 0.038 0.11 (0.097, 0.13) Extreme Shares: 92 %
Dynamic Epsilon Greedy	0.11 +/- 0.031 0.076 (0.066, 0.09) Extreme Shares: 89 %	0.19 +/- 0.038 0.11 (0.095, 0.13) Extreme Shares: 82 %	0.18 +/- 0.038 0.11 (0.094, 0.13) Extreme Shares: 82 %
DynamicGreedy	0.17 +/- 0.038 0.11 (0.097, 0.13) Extreme Shares: 87 %	0.22 +/- 0.042 0.13 (0.11, 0.16) Extreme Shares: 82 %	0.26 +/- 0.043 0.14 (0.12, 0.17) Extreme Shares: 77 %

Results for HardMaxWithRandom t = 1000 Heavy Tail Info + Rep

	Thompson Sampling	Dynamic Epsilon Greedy	DynamicGreedy
Thompson Sampling	0.12 +/- 0.018 0.042 (0.037, 0.048) Extreme Shares: 80 %	0.17 +/- 0.024 0.073 (0.065, 0.083) Extreme Shares: 75 %	0.21 +/- 0.028 0.1 (0.092, 0.12) Extreme Shares: 76 %
Dynamic Epsilon Greedy	0.17 +/- 0.021 0.055 (0.049, 0.063) Extreme Shares: 67 %	0.27 +/- 0.026 0.09 (0.08, 0.1) Extreme Shares: 54 %	0.25 +/- 0.027 0.095 (0.084, 0.11) Extreme Shares: 62 %
DynamicGreedy	0.21 +/- 0.024 0.077 (0.068, 0.087) Extreme Shares: 63 %	0.31 +/- 0.029 0.11 (0.096, 0.12) Extreme Shares: 55 %	0.3 +/- 0.028 0.1 (0.091, 0.12) Extreme Shares: 54 %

Results for HardMaxWithRandom t = 1000 Heavy Tail Info

	Thompson Sampling	Dynamic Epsilon Greedy	DynamicGreedy
Thompson Sampling	0.15 +/- 0.031 0.074 (0.063, 0.087) Extreme Shares: 85 %	0.24 +/- 0.039 0.12 (0.1, 0.14) Extreme Shares: 75 %	0.28 +/- 0.042 0.14 (0.12, 0.16) Extreme Shares: 79 %
Dynamic Epsilon Greedy	0.23 +/- 0.035 0.093 (0.08, 0.11) Extreme Shares: 68 %	0.34 +/- 0.042 0.13 (0.12, 0.16) Extreme Shares: 63 %	0.29 +/- 0.04 0.12 (0.11, 0.15) Extreme Shares: 67 %
DynamicGreedy	0.3 +/- 0.039 0.12 (0.1, 0.14) Extreme Shares: 66 %	0.38 +/- 0.044 0.15 (0.13, 0.18) Extreme Shares: 66 %	0.34 +/- 0.04 0.13 (0.11, 0.15) Extreme Shares: 59 %

Results for HardMaxWithRandom t = 1000 Heavy Tail Rep

	Thompson Sampling	Dynamic Epsilon Greedy	DynamicGreedy
Thompson Sampling	0.14 +/- 0.027 0.057 (0.049, 0.068) Extreme Shares: 77 %	0.22 +/- 0.034 0.091 (0.078, 0.11) Extreme Shares: 69 %	0.25 +/- 0.039 0.12 (0.1, 0.14) Extreme Shares: 75 %
Dynamic Epsilon Greedy	0.22 +/- 0.034 0.09 (0.077, 0.11) Extreme Shares: 69 %	0.32 +/- 0.038 0.11 (0.095, 0.13) Extreme Shares: 52 %	0.3 +/- 0.038 0.11 (0.096, 0.13) Extreme Shares: 58 %
DynamicGreedy	0.26 +/- 0.039 0.12 (0.1, 0.14) Extreme Shares: 71 %	0.4 +/- 0.042 0.14 (0.12, 0.16) Extreme Shares: 55 %	0.34 +/- 0.038 0.11 (0.098, 0.14) Extreme Shares: 54 %

Results for SoftMax t = 1000 Heavy Tail Info + Rep

	Thompson Sampling	Dynamic Epsilon Greedy	DynamicGreedy
Thompson Sampling	0.44 +/- 0.0059 0.0045 (0.004, 0.0052) Extreme Shares: 0 %	0.48 +/- 0.0083 0.009 (0.008, 0.01) Extreme Shares: 0 %	0.48 +/- 0.011 0.015 (0.013, 0.017) Extreme Shares: 0 %
Dynamic Epsilon Greedy	0.43 +/- 0.0084 0.0092 (0.0081, 0.01) Extreme Shares: 0 %	0.46 +/- 0.0087 0.0098 (0.0087, 0.011) Extreme Shares: 0 %	0.47 +/- 0.012 0.018 (0.016, 0.021) Extreme Shares: 0 %
DynamicGreedy	0.44 +/- 0.0099 0.013 (0.011, 0.014) Extreme Shares: 0.2 %	0.47 +/- 0.011 0.016 (0.014, 0.018) Extreme Shares: 0.2 %	0.49 +/- 0.011 0.015 (0.014, 0.017) Extreme Shares: 0 %

Results for SoftMax t = 1000 Heavy Tail Info

	Thompson Sampling	Dynamic Epsilon Greedy	DynamicGreedy
Thompson Sampling	0.32 +/- 0.02 0.032 (0.027, 0.038) Extreme Shares: 3 %	0.45 +/- 0.026 0.052 (0.045, 0.062) Extreme Shares: 4.3 %	0.4 +/- 0.028 0.061 (0.052, 0.072) Extreme Shares: 10 %
Dynamic Epsilon Greedy	0.33 +/- 0.023 0.042 (0.036, 0.05) Extreme Shares: 6 %	0.42 +/- 0.025 0.049 (0.042, 0.058) Extreme Shares: 5.3 %	0.38 +/- 0.027 0.056 (0.048, 0.066) Extreme Shares: 7.3 %
DynamicGreedy	0.4 +/- 0.023 0.042 (0.036, 0.05) Extreme Shares: 5.7 %	0.48 +/- 0.026 0.054 (0.046, 0.063) Extreme Shares: 3.7 %	0.45 +/- 0.025 0.048 (0.041, 0.057) Extreme Shares: 6.3 %

Results for SoftMax t = 1000 Heavy Tail Rep

	Thompson Sampling	Dynamic Epsilon Greedy	DynamicGreedy
Thompson Sampling	0.35 +/- 0.022 0.039 (0.033, 0.046) Extreme Shares: 5 %	0.47 +/- 0.028 0.059 (0.051, 0.07) Extreme Shares: 5.7 %	0.43 +/- 0.029 0.064 (0.055, 0.075) Extreme Shares: 4 %
Dynamic Epsilon Greedy	0.35 +/- 0.025 0.048 (0.041, 0.057) Extreme Shares: 6 %	0.43 +/- 0.026 0.053 (0.045, 0.062) Extreme Shares: 6 %	0.41 +/- 0.026 0.054 (0.046, 0.063) Extreme Shares: 4.3 %
DynamicGreedy	0.42 +/- 0.027 0.057 (0.049, 0.068) Extreme Shares: 8.3 %	0.49 +/- 0.027 0.055 (0.047, 0.065) Extreme Shares: 4.3 %	0.47 +/- 0.025 0.049 (0.042, 0.058) Extreme Shares: 5.7 %

Results for HardMax t = 1000 Uniform Info + Rep

	Thompson Sampling	Dynamic Epsilon Greedy	DynamicGreedy
Thompson Sampling	0.092 +/- 0.02 0.053 (0.047, 0.06) Extreme Shares: 86 %	0.14 +/- 0.026 0.089 (0.079, 0.1) Extreme Shares: 84 %	0.19 +/- 0.03 0.11 (0.1, 0.13) Extreme Shares: 81 %
Dynamic Epsilon Greedy	0.16 +/- 0.026 0.089 (0.079, 0.1) Extreme Shares: 80 %	0.18 +/- 0.028 0.1 (0.089, 0.11) Extreme Shares: 76 %	0.19 +/- 0.03 0.12 (0.1, 0.13) Extreme Shares: 82 %
DynamicGreedy	0.18 +/- 0.029 0.11 (0.095, 0.12) Extreme Shares: 81 %	0.19 +/- 0.029 0.11 (0.099, 0.13) Extreme Shares: 79 %	0.23 +/- 0.031 0.12 (0.11, 0.14) Extreme Shares: 75 %

Results for HardMax t = 1000 Uniform Info

	Thompson Sampling	Dynamic Epsilon Greedy	DynamicGreedy
Thompson Sampling	0.33 +/- 0.051 0.21 (0.18, 0.24) Extreme Shares: 94 %	0.38 +/- 0.053 0.22 (0.19, 0.26) Extreme Shares: 92 %	0.36 +/- 0.052 0.21 (0.18, 0.25) Extreme Shares: 90 %
Dynamic Epsilon Greedy	0.36 +/- 0.051 0.2 (0.17, 0.24) Extreme Shares: 86 %	0.44 +/- 0.053 0.22 (0.19, 0.26) Extreme Shares: 88 %	0.41 +/- 0.052 0.21 (0.18, 0.24) Extreme Shares: 83 %
DynamicGreedy	0.38 +/- 0.052 0.21 (0.18, 0.25) Extreme Shares: 88 %	0.39 +/- 0.052 0.21 (0.18, 0.25) Extreme Shares: 87 %	0.43 +/- 0.054 0.22 (0.19, 0.26) Extreme Shares: 91 %

Results for HardMax t = 1000 Uniform Rep

	Thompson Sampling	Dynamic Epsilon Greedy	DynamicGreedy
Thompson Sampling	0.13 +/- 0.032 0.081 (0.069, 0.095) Extreme Shares: 84 %	0.22 +/- 0.041 0.13 (0.11, 0.15) Extreme Shares: 81 %	0.21 +/- 0.042 0.14 (0.12, 0.16) Extreme Shares: 86 %
Dynamic Epsilon Greedy	0.18 +/- 0.038 0.11 (0.096, 0.13) Extreme Shares: 83 %	0.22 +/- 0.04 0.13 (0.11, 0.15) Extreme Shares: 78 %	0.23 +/- 0.041 0.13 (0.11, 0.16) Extreme Shares: 79 %
DynamicGreedy	0.19 +/- 0.039 0.12 (0.1, 0.14) Extreme Shares: 84 %	0.25 +/- 0.041 0.13 (0.11, 0.16) Extreme Shares: 73 %	0.24 +/- 0.043 0.14 (0.12, 0.17) Extreme Shares: 81 %

Results for HardMaxWithRandom t = 1000 Uniform Info + Rep

	Thompson Sampling	Dynamic Epsilon Greedy	DynamicGreedy
Thompson Sampling	0.22 +/- 0.024 0.076 (0.067, 0.086) Extreme Shares: 60 %	0.27 +/- 0.028 0.1 (0.091, 0.12) Extreme Shares: 61 %	0.31 +/- 0.031 0.12 (0.11, 0.14) Extreme Shares: 61 %
Dynamic Epsilon Greedy	0.27 +/- 0.026 0.088 (0.078, 0.1) Extreme Shares: 54 %	0.3 +/- 0.028 0.1 (0.091, 0.12) Extreme Shares: 54 %	0.35 +/- 0.03 0.12 (0.11, 0.14) Extreme Shares: 53 %
DynamicGreedy	0.25 +/- 0.026 0.086 (0.076, 0.098) Extreme Shares: 59 %	0.32 +/- 0.029 0.11 (0.099, 0.13) Extreme Shares: 55 %	0.36 +/- 0.03 0.12 (0.11, 0.14) Extreme Shares: 52 %

Results for HardMaxWithRandom t = 1000 Uniform Info

	Thompson Sampling	Dynamic Epsilon Greedy	DynamicGreedy
Thompson Sampling	0.3 +/- 0.04 0.12 (0.11, 0.15) Extreme Shares: 64 %	0.39 +/- 0.043 0.15 (0.12, 0.17) Extreme Shares: 63 %	0.42 +/- 0.044 0.15 (0.13, 0.18) Extreme Shares: 61 %
Dynamic Epsilon Greedy	0.36 +/- 0.041 0.13 (0.11, 0.15) Extreme Shares: 57 %	0.41 +/- 0.041 0.13 (0.11, 0.15) Extreme Shares: 52 %	0.46 +/- 0.043 0.15 (0.13, 0.17) Extreme Shares: 56 %
DynamicGreedy	0.36 +/- 0.041 0.13 (0.11, 0.16) Extreme Shares: 58 %	0.44 +/- 0.043 0.14 (0.12, 0.17) Extreme Shares: 57 %	0.42 +/- 0.043 0.14 (0.12, 0.17) Extreme Shares: 58 %

Results for HardMaxWithRandom t = 1000 Uniform Rep

	Thompson Sampling	Dynamic Epsilon Greedy	DynamicGreedy
Thompson Sampling	0.28 +/- 0.036 0.1 (0.086, 0.12) Extreme Shares: 56 %	0.29 +/- 0.038 0.11 (0.095, 0.13) Extreme Shares: 59 %	0.38 +/- 0.042 0.13 (0.12, 0.16) Extreme Shares: 58 %
Dynamic Epsilon Greedy	0.27 +/- 0.036 0.1 (0.088, 0.12) Extreme Shares: 58 %	0.31 +/- 0.037 0.11 (0.093, 0.13) Extreme Shares: 55 %	0.37 +/- 0.041 0.13 (0.11, 0.15) Extreme Shares: 56 %
DynamicGreedy	0.34 +/- 0.04 0.12 (0.11, 0.15) Extreme Shares: 58 %	0.31 +/- 0.037 0.11 (0.09, 0.12) Extreme Shares: 53 %	0.38 +/- 0.041 0.13 (0.11, 0.15) Extreme Shares: 56 %

Results for SoftMax t = 1000 Uniform Info + Rep

	Thompson Sampling	Dynamic Epsilon Greedy	DynamicGreedy
Thompson Sampling	0.45 +/- 0.0084 0.0091 (0.0081, 0.01) Extreme Shares: 0 %	0.47 +/- 0.0099 0.013 (0.011, 0.014) Extreme Shares: 0 %	0.51 +/- 0.013 0.021 (0.018, 0.024) Extreme Shares: 0 %
Dynamic Epsilon Greedy	0.44 +/- 0.01 0.013 (0.012, 0.015) Extreme Shares: 0 %	0.46 +/- 0.011 0.016 (0.014, 0.018) Extreme Shares: 0 %	0.49 +/- 0.014 0.024 (0.021, 0.027) Extreme Shares: 0.2 %
DynamicGreedy	0.43 +/- 0.011 0.017 (0.015, 0.019) Extreme Shares: 0 %	0.46 +/- 0.012 0.019 (0.017, 0.021) Extreme Shares: 0 %	0.49 +/- 0.013 0.022 (0.02, 0.025) Extreme Shares: 0.2 %

Results for SoftMax t = 1000 Uniform Info

	Thompson Sampling	Dynamic Epsilon Greedy	DynamicGreedy
Thompson Sampling	0.37 +/- 0.026 0.051 (0.044, 0.06) Extreme Shares: 5.7 %	0.42 +/- 0.029 0.064 (0.055, 0.076) Extreme Shares: 5.3 %	0.45 +/- 0.031 0.074 (0.063, 0.087) Extreme Shares: 8 %
Dynamic Epsilon Greedy	0.41 +/- 0.027 0.054 (0.047, 0.064) Extreme Shares: 6.3 %	0.45 +/- 0.028 0.062 (0.053, 0.073) Extreme Shares: 5.3 %	0.47 +/- 0.029 0.063 (0.054, 0.075) Extreme Shares: 4.3 %
DynamicGreedy	0.43 +/- 0.027 0.055 (0.047, 0.064) Extreme Shares: 5.3 %	0.44 +/- 0.027 0.058 (0.05, 0.068) Extreme Shares: 6.7 %	0.45 +/- 0.03 0.069 (0.059, 0.081) Extreme Shares: 8 %

Results for SoftMax t = 1000 Uniform Rep

	Thompson Sampling	Dynamic Epsilon Greedy	DynamicGreedy
Thompson Sampling	0.42 +/- 0.027 0.056 (0.048, 0.066) Extreme Shares: 3 %	0.45 +/- 0.027 0.058 (0.05, 0.069) Extreme Shares: 2 %	0.46 +/- 0.03 0.068 (0.059, 0.081) Extreme Shares: 5.7 %
Dynamic Epsilon Greedy	0.43 +/- 0.027 0.056 (0.048, 0.066) Extreme Shares: 5.3 %	0.47 +/- 0.028 0.063 (0.054, 0.074) Extreme Shares: 5 %	0.46 +/- 0.029 0.066 (0.056, 0.077) Extreme Shares: 3.7 %
DynamicGreedy	0.44 +/- 0.029 0.064 (0.055, 0.076) Extreme Shares: 7.7 %	0.45 +/- 0.028 0.059 (0.051, 0.07) Extreme Shares: 4 %	0.46 +/- 0.029 0.064 (0.055, 0.076) Extreme Shares: 5.3 %