

PROST: August 6, 2014 16:19

Rewards: elevators

	1	2	3	4	5	6	7	8	9	10
min	−66.57(±2.69)	−57.7(±6.23)	−71.7(±1.75)	−105.0(±7.98)	−111.8(±7.89)	−124.37(±4.7)	−134.53(±11.84)	−152.4(±10.31)	−163.03(±8.01)	−126.93(±12.11)
rev72 [DP-UCT -i [IDS]]	−44.23(±2.55)	−18.59(±1.62)	−54.58(±1.88)	−58.11(±3.92)	−54.23(±3.42)	−68.04(±3.35)	−82.94(±4.75)	−77.2(±4.09)	−91.69(±4.77)	−67.61(±5.11)
rev72 [IPPC2011]	−44.33(±2.5)	−16.32(±1.46)	−55.84(±1.97)	−56.31(±3.87)	−50.5(±3.12)	−66.61(±2.65)	−86.5(±5.42)	−73.3(±3.87)	−94.77(±4.56)	−67.16(±5.17)
rev72 [MC-UCT -i [IDS]]	−44.15(±2.71)	−18.41(±1.69)	−56.83(±2.04)	−59.34(±4.11)	−54.69(±3.02)	−74.69(±3.15)	−83.13(±4.91)	−80.61(±3.73)	−96.09(±3.84)	−68.95(±5.45)
rev72 [MaxMC-UCT -i [IDS]]	−45.93(±2.49)	−17.8(±1.42)	−57.2(±1.91)	−58.02(±3.81)	−55.59(±3.49)	−69.58(±3.24)	−83.34(±4.61)	−77.53(±4.19)	−95.58(±4.44)	−70.24(±5.93)
rev72 [UCTStar -i [IDS]]	−43.88(±2.52)	−18.23(±1.54)	−55.7(±2.01)	−58.49(±3.83)	−51.36(±3.23)	−68.21(±3.54)	−79.67(±5.03)	−72.93(±4.35)	−90.66(±4.02)	−67.49(±5.7)

IPPC Scores: elevators

	1	2	3	4	5	6	7	8	9	10
min	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
rev72 [DP-UCT -i [IDS]]	0.98	0.95	1.0	0.96	0.94	0.98	0.94	0.95	0.99	0.99
rev72 [IPPC2011]	0.98	1.0	0.93	1.0	1.0	1.0	0.88	1.0	0.94	1.0
rev72 [MC-UCT -i [IDS]]	0.99	0.95	0.87	0.94	0.93	0.86	0.94	0.9	0.92	0.97
rev72 [MaxMC-UCT -i [IDS]]	0.91	0.96	0.85	0.96	0.92	0.95	0.93	0.94	0.93	0.95
rev72 [UCTStar -i [IDS]]	1.0	0.95	0.93	0.96	0.99	0.97	1.0	1.0	1.0	0.99

Rewards: sysadmin

	1	2	3	4	5	6	7	8	9	10
min	210.18(±10.77)	166.68(±9.63)	345.4(±15.84)	311.79(±19.75)	443.05(±15.19)	407.16(±17.92)	513.74(±23.37)	426.46(±18.46)	612.06(±28.27)	471.1(±21.62)
rev72 [DP-UCT -i [IDS]]	335.8(±4.0)	300.88(±7.67)	480.62(±12.83)	430.04(±13.75)	503.32(±10.66)	456.47(±12.43)	573.08(±13.55)	470.94(±11.86)	693.74(±15.23)	513.43(±11.17)
rev72 [IPPC2011]	339.52(±4.47)	308.95(±7.97)	561.05(±15.08)	476.83(±16.68)	555.34(±13.96)	499.81(±13.69)	600.0(±14.0)	481.77(±12.45)	719.3(±13.57)	522.84(±10.06)
rev72 [MC-UCT -i [IDS]]	337.34(±3.85)	305.46(±7.79)	518.66(±14.37)	462.01(±17.49)	513.71(±11.69)	465.53(±12.58)	564.56(±12.08)	453.04(±11.18)	687.1(±12.69)	501.79(±10.33)
rev72 [MaxMC-UCT -i [IDS]]	333.15(±4.62)	301.56(±8.34)	502.52(±12.42)	435.21(±13.41)	515.4(±11.96)	473.01(±11.56)	583.43(±12.21)	478.6(±10.41)	711.3(±13.28)	527.19(±11.73)
rev72 [UCTStar -i [IDS]]	336.94(±3.81)	308.84(±7.45)	554.88(±15.45)	492.28(±16.35)	581.93(±16.76)	517.37(±17.0)	609.03(±16.46)	500.92(±13.87)	720.02(±14.97)	551.1(±13.94)

IPPC Scores: sysadmin

	1	2	3	4	5	6	7	8	9	10
min	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
rev72 [DP-UCT -i [IDS]]	0.97	0.94	0.63	0.66	0.43	0.45	0.62	0.6	0.76	0.53
rev72 [IPPC2011]	1.0	1.0	1.0	0.91	0.81	0.84	0.91	0.74	0.99	0.65
rev72 [MC-UCT -i [IDS]]	0.98	0.98	0.8	0.83	0.51	0.53	0.53	0.36	0.7	0.38
rev72 [MaxMC-UCT -i [IDS]]	0.95	0.95	0.73	0.68	0.52	0.6	0.73	0.7	0.92	0.7
rev72 [UCTStar -i [IDS]]	0.98	1.0	0.97	1.0	1.0	1.0	1.0	1.0	1.0	1.0

Rewards: recon

	1	2	3	4	5	6	7	8	9	10
min	0.0(±0.0)	0.0(±0.0)	0.0(±0.0)	0.0(±0.0)	0.0(±0.0)	0.0(±0.0)	0.0(±0.0)	0.0(±0.0)	0.0(±0.0)	0.0(±0.0)
rev72 [DP-UCT -i [IDS]]	3.46(±0.17)	3.16(±0.09)	14.1(±0.13)	2.54(±0.13)	14.63(±0.18)	8.58(±0.2)	4.22(±0.1)	10.31(±0.1)	7.54(±0.22)	4.67(±0.09)
rev72 [IPPC2011]	3.43(±0.14)	3.16(±0.09)	14.09(±0.13)	2.71(±0.09)	14.65(±0.22)	10.17(±0.08)	5.22(±0.07)	10.31(±0.12)	9.59(±0.09)	5.97(±0.08)
rev72 [MC-UCT -i [IDS]]	3.49(±0.22)	3.14(±0.13)	14.12(±0.11)	2.68(±0.11)	14.59(±0.32)	10.23(±0.14)	5.25(±0.06)	10.33(±0.09)	9.55(±0.1)	6.01(±0.07)
rev72 [MaxMC-UCT -i [IDS]]	3.37(±0.12)	3.12(±0.14)	14.12(±0.11)	2.54(±0.15)	14.65(±0.19)	8.45(±0.21)	3.89(±0.1)	10.32(±0.1)	7.42(±0.21)	4.32(±0.1)
rev72 [UCTStar -i [IDS]]	3.28(±0.1)	3.12(±0.13)	13.83(±0.17)	2.65(±0.09)	14.64(±0.2)	10.33(±0.17)	5.17(±0.07)	10.1(±0.1)	8.87(±0.25)	5.61(±0.12)

IPPC Scores: recon

	1	2	3	4	5	6	7	8	9	10
min	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
rev72 [DP-UCT -i [IDS]]	0.99	1.0	1.0	0.94	1.0	0.83	0.8	1.0	0.79	0.78
rev72 [IPPC2011]	0.98	1.0	1.0	1.0	1.0	0.98	0.99	1.0	1.0	0.99
rev72 [MC-UCT -i [IDS]]	1.0	0.99	1.0	0.99	1.0	0.99	1.0	1.0	1.0	1.0
rev72 [MaxMC-UCT -i [IDS]]	0.97	0.99	1.0	0.94	1.0	0.82	0.74	1.0	0.77	0.72
rev72 [UCTStar -i [IDS]]	0.94	0.99	0.98	0.98	1.0	1.0	0.98	0.98	0.92	0.93

Rewards: game

	1	2	3	4	5	6	7	8	9	10
min	70.53(± 14.78)	73.27(± 9.76)	107.17(± 8.53)	167.23(± 27.73)	203.07(± 14.44)	224.17(± 9.16)	264.97(± 37.19)	295.23(± 22.8)	311.47(± 16.69)	176.73(± 32.03)
rev72 [DP-UCT -i [IDS]]	204.52(± 6.05)	129.34(± 8.55)	145.47(± 4.8)	342.8(± 7.5)	297.77(± 5.86)	278.65(± 4.25)	471.26(± 5.12)	435.02(± 6.16)	408.65(± 6.56)	558.32(± 8.72)
rev72 [IPPC2011]	204.21(± 6.29)	130.96(± 8.36)	148.91(± 4.75)	349.52(± 3.66)	310.07(± 5.16)	284.31(± 3.56)	468.83(± 5.82)	434.79(± 6.6)	410.23(± 5.78)	562.03(± 8.52)
rev72 [MC-UCT -i [IDS]]	200.9(± 6.66)	128.85(± 8.54)	147.26(± 4.85)	345.03(± 5.13)	299.89(± 6.3)	276.29(± 3.51)	469.54(± 5.91)	433.09(± 7.14)	418.72(± 5.28)	553.3(± 6.95)
rev72 [MaxMC-UCT -i [IDS]]	200.87(± 5.41)	128.51(± 8.33)	148.27(± 4.39)	346.82(± 6.21)	299.66(± 5.37)	278.5(± 3.8)	468.56(± 6.23)	435.66(± 6.78)	419.43(± 6.29)	559.73(± 7.52)
rev72 [UCTStar -i [IDS]]	202.16(± 7.97)	134.15(± 8.06)	149.07(± 5.14)	365.37(± 4.96)	316.24(± 5.02)	287.54(± 3.5)	505.96(± 5.37)	449.76(± 5.72)	422.58(± 5.26)	591.3(± 8.92)

IPPC Scores: game

	1	2	3	4	5	6	7	8	9	10
min	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
rev72 [DP-UCT -i [IDS]]	1.0	0.92	0.91	0.89	0.84	0.86	0.86	0.9	0.87	0.92
rev72 [IPPC2011]	1.0	0.95	1.0	0.92	0.95	0.95	0.85	0.9	0.89	0.93
rev72 [MC-UCT -i [IDS]]	0.97	0.91	0.96	0.9	0.86	0.82	0.85	0.89	0.97	0.91
rev72 [MaxMC-UCT -i [IDS]]	0.97	0.91	0.98	0.91	0.85	0.86	0.84	0.91	0.97	0.92
rev72 [UCTStar -i [IDS]]	0.98	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

Rewards: traffic

	1	2	3	4	5	6	7	8	9	10
min	-21.6(± 4.66)	-49.2(± 5.57)	-63.93(± 10.13)	-119.33(± 3.54)	-123.03(± 8.76)	-158.27(± 12.57)	-146.97(± 14.87)	-154.37(± 15.51)	-108.03(± 16.02)	-255.83(± 17.04)
rev72 [DP-UCT -i [IDS]]	-7.77(± 0.82)	-17.69(± 1.21)	-26.2(± 2.61)	-59.45(± 3.29)	-53.64(± 3.55)	-83.05(± 4.99)	-50.82(± 3.06)	-70.56(± 6.73)	-26.75(± 4.14)	-131.58(± 7.73)
rev72 [IPPC2011]	-5.05(± 0.8)	-13.9(± 1.09)	-22.96(± 2.14)	-62.05(± 2.69)	-52.74(± 3.69)	-80.6(± 4.99)	-50.97(± 3.59)	-63.86(± 5.38)	-24.04(± 3.16)	-112.98(± 5.82)
rev72 [MC-UCT -i [IDS]]	-5.97(± 0.8)	-16.56(± 1.11)	-27.06(± 2.27)	-69.6(± 3.17)	-53.87(± 3.47)	-85.42(± 5.49)	-51.67(± 3.37)	-75.93(± 6.19)	-27.59(± 3.7)	-125.44(± 6.67)
rev72 [MaxMC-UCT -i [IDS]]	-7.94(± 0.93)	-18.83(± 1.1)	-23.52(± 2.2)	-62.18(± 2.99)	-52.07(± 4.01)	-82.05(± 5.37)	-53.87(± 3.29)	-66.33(± 6.66)	-25.23(± 3.65)	-126.6(± 6.14)
rev72 [UCTStar -i [IDS]]	-5.06(± 0.69)	-14.34(± 1.03)	-15.69(± 2.17)	-48.11(± 2.96)	-46.42(± 3.44)	-73.5(± 4.77)	-44.6(± 2.76)	-58.36(± 6.16)	-23.12(± 3.22)	-131.1(± 6.95)

IPPC Scores: traffic

	1	2	3	4	5	6	7	8	9	10
min	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
rev72 [DP-UCT -i [IDS]]	0.84	0.89	0.78	0.84	0.91	0.89	0.94	0.87	0.96	0.87
rev72 [IPPC2011]	1.0	1.0	0.85	0.8	0.92	0.92	0.94	0.94	0.99	1.0
rev72 [MC-UCT -i [IDS]]	0.94	0.92	0.76	0.7	0.9	0.86	0.93	0.82	0.95	0.91
rev72 [MaxMC-UCT -i [IDS]]	0.83	0.86	0.84	0.8	0.93	0.9	0.91	0.92	0.98	0.9
rev72 [UCTStar -i [IDS]]	1.0	0.99	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.87

Rewards: crossing

	1	2	3	4	5	6	7	8	9	10
min	−34.83(±4.38)	−38.67(±1.82)	−39.03(±1.89)	−40.0(±0.0)	−38.97(±2.03)	−40.0(±0.0)	−39.47(±1.05)	−40.0(±0.0)	−40.0(±0.0)	−40.0(±0.0)
rev72 [DP-UCT -i [IDS]]	−4.37(±0.14)	−5.39(±0.32)	−6.15(±0.35)	−10.73(±0.95)	−7.53(±0.7)	−10.74(±0.61)	−11.43(±0.62)	−18.38(±1.38)	−11.8(±0.79)	−18.91(±1.68)
rev72 [IPPC2011]	−4.37(±0.14)	−5.37(±0.32)	−7.06(±0.44)	−11.85(±0.94)	−8.6(±0.72)	−12.05(±0.9)	−14.3(±1.73)	−28.4(±2.51)	−15.41(±1.74)	−29.57(±2.39)
rev72 [MC-UCT -i [IDS]]	−4.74(±0.23)	−5.39(±0.32)	−6.84(±0.44)	−11.97(±0.98)	−8.17(±0.42)	−11.6(±1.07)	−16.57(±2.62)	−27.97(±2.78)	−16.94(±2.91)	−29.02(±2.8)
rev72 [MaxMC-UCT -i [IDS]]	−4.37(±0.14)	−5.37(±0.32)	−6.29(±0.38)	−10.51(±0.93)	−7.6(±0.7)	−10.85(±0.63)	−11.43(±0.83)	−17.67(±1.13)	−11.83(±1.09)	−18.48(±1.47)
rev72 [UCTStar -i [IDS]]	−4.37(±0.14)	−5.37(±0.32)	−6.18(±0.36)	−10.05(±0.92)	−7.11(±0.69)	−9.74(±1.04)	−10.11(±1.08)	−22.4(±2.24)	−9.5(±0.8)	−23.3(±2.0)

IPPC Scores: crossing

	1	2	3	4	5	6	7	8	9	10
min	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
rev72 [DP-UCT -i [IDS]]	1.0	1.0	1.0	0.98	0.99	0.97	0.96	0.97	0.92	0.98
rev72 [IPPC2011]	1.0	1.0	0.97	0.94	0.95	0.92	0.86	0.52	0.81	0.48
rev72 [MC-UCT -i [IDS]]	0.99	1.0	0.98	0.94	0.97	0.94	0.78	0.54	0.76	0.51
rev72 [MaxMC-UCT -i [IDS]]	1.0	1.0	1.0	0.98	0.98	0.96	0.96	1.0	0.92	1.0
rev72 [UCTStar -i [IDS]]	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.79	1.0	0.78

Rewards: skill

	1	2	3	4	5	6	7	8	9	10
min	39.34(±7.38)	33.75(±10.34)	−83.23(±31.2)	−108.73(±27.53)	−285.95(±32.72)	−302.99(±45.35)	−382.86(±47.52)	−541.01(±46.26)	−543.09(±38.88)	−632.0(±48.13)
rev72 [DP-UCT -i [IDS]]	66.95(±1.62)	78.8(±1.88)	98.2(±10.18)	102.62(±10.05)	16.57(±15.51)	37.11(±24.54)	−74.5(±31.01)	−168.36(±38.53)	−169.1(±33.84)	−214.21(±41.05)
rev72 [IPPC2011]	65.8(±1.59)	79.11(±1.81)	87.91(±11.27)	100.23(±12.54)	14.5(±19.83)	4.84(±26.73)	−35.18(±25.56)	−152.7(±42.35)	−156.19(±30.51)	−220.43(±40.58)
rev72 [MC-UCT -i [IDS]]	66.91(±1.62)	78.78(±1.88)	75.28(±13.78)	101.16(±10.22)	4.94(±19.3)	3.69(±26.0)	−67.21(±27.27)	−148.11(±38.29)	−175.95(±34.16)	−199.58(±43.96)
rev72 [MaxMC-UCT -i [IDS]]	67.03(±1.62)	78.78(±1.89)	80.77(±11.48)	103.31(±11.44)	−11.43(±19.13)	−9.21(±28.09)	−68.54(±25.35)	−200.49(±38.79)	−156.12(±29.13)	−204.92(±36.11)
rev72 [UCTStar -i [IDS]]	66.43(±1.57)	78.51(±2.05)	96.43(±10.79)	100.25(±10.62)	−19.01(±19.1)	0.52(±25.18)	−55.9(±25.13)	−169.06(±31.39)	−155.45(±29.91)	−190.09(±41.7)

IPPC Scores: skill

	1	2	3	4	5	6	7	8	9	10
min	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
rev72 [DP-UCT -i [IDS]]	1.0	0.99	1.0	1.0	1.0	1.0	0.89	0.95	0.96	0.95
rev72 [IPPC2011]	0.96	1.0	0.94	0.99	0.99	0.91	1.0	0.99	1.0	0.93
rev72 [MC-UCT -i [IDS]]	1.0	0.99	0.87	0.99	0.96	0.9	0.91	1.0	0.95	0.98
rev72 [MaxMC-UCT -i [IDS]]	1.0	0.99	0.9	1.0	0.91	0.86	0.9	0.87	1.0	0.97
rev72 [UCTStar -i [IDS]]	0.98	0.99	0.99	0.99	0.88	0.89	0.94	0.95	1.0	1.0

Rewards: navigation

	1	2	3	4	5	6	7	8	9	10
min	−37.27(±3.01)	−40.0(±0.0)	−40.0(±0.0)	−39.83(±0.33)	−40.0(±0.0)	−40.0(±0.0)	−40.0(±0.0)	−38.73(±2.48)	−40.0(±0.0)	−40.0(±0.0)
rev72 [DP-UCT -i [IDS]]	−9.28(±1.24)	−10.3(±0.59)	−12.16(±1.12)	−14.89(±1.36)	−20.8(±0.77)	−21.97(±0.76)	−23.92(±1.06)	−31.9(±2.03)	−35.93(±1.03)	−37.96(±0.68)
rev72 [IPPC2011]	−9.29(±1.24)	−10.33(±0.59)	−12.26(±1.12)	−15.97(±1.5)	−22.11(±2.21)	−36.58(±1.44)	−38.99(±0.48)	−33.45(±2.58)	−39.27(±0.65)	−40.0(±0.0)
rev72 [MC-UCT -i [IDS]]	−11.07(±1.58)	−11.51(±1.0)	−13.85(±1.43)	−16.48(±1.56)	−21.19(±1.35)	−22.9(±0.87)	−25.12(±1.06)	−30.79(±2.46)	−37.97(±1.07)	−38.71(±0.63)
rev72 [MaxMC-UCT -i [IDS]]	−9.28(±1.24)	−10.35(±0.59)	−13.98(±1.62)	−16.67(±1.47)	−25.43(±1.38)	−35.46(±1.32)	−35.83(±1.33)	−39.88(±0.13)	−40.0(±0.0)	−40.0(±0.0)
rev72 [UCTStar -i [IDS]]	−9.28(±1.24)	−10.3(±0.59)	−12.16(±1.12)	−14.4(±1.16)	−20.51(±0.57)	−23.4(±1.14)	−25.22(±1.29)	−29.1(±2.14)	−36.34(±1.0)	−38.25(±0.65)

IPPC Scores: navigation

	1	2	3	4	5	6	7	8	9	10
min	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
rev72 [DP-UCT -i [IDS]]	1.0	1.0	1.0	0.98	0.99	1.0	1.0	0.71	1.0	1.0
rev72 [IPPC2011]	1.0	1.0	1.0	0.94	0.92	0.19	0.06	0.55	0.18	0.0
rev72 [MC-UCT -i [IDS]]	0.94	0.96	0.94	0.92	0.97	0.95	0.93	0.82	0.5	0.63
rev72 [MaxMC-UCT -i [IDS]]	1.0	1.0	0.93	0.91	0.75	0.25	0.26	0.0	0.0	0.0
rev72 [UCTStar -i [IDS]]	1.0	1.0	1.0	1.0	1.0	0.92	0.92	1.0	0.9	0.86

Total Time (in minutes)

	elevators	sysadmin	recon	game	traffic	crossing	skill	navigation	Total
min	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
rev72 [DP-UCT -i [IDS]]	612.39	775.43	581.78	726.49	643.03	195.18	200.15	63.75	3798.2
rev72 [IPPC2011]	824.65	803.55	749.75	794.71	665.61	173.42	332.07	303.65	4647.41
rev72 [MC-UCT -i [IDS]]	843.3	799.32	793.4	804.54	672.21	148.84	362.42	275.11	4699.14
rev72 [MaxMC-UCT -i [IDS]]	841.19	777.97	734.7	767.17	677.22	194.86	357.19	426.79	4777.09
rev72 [UCTStar -i [IDS]]	535.14	755.81	565.22	688.58	629.79	197.17	182.63	76.35	3630.68

IPPC Scores: Total

	elevators	sysadmin	recon	game	traffic	crossing	skill	navigation	Total
min	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
rev72 [DP-UCT -i [IDS]]	0.97	0.66	0.91	0.9	0.88	0.98	0.97	0.97	0.9
rev72 [IPPC2011]	0.97	0.89	0.99	0.93	0.94	0.85	0.97	0.58	0.89
rev72 [MC-UCT -i [IDS]]	0.93	0.66	1.0	0.9	0.87	0.84	0.96	0.86	0.88
rev72 [MaxMC-UCT -i [IDS]]	0.93	0.75	0.9	0.91	0.89	0.98	0.94	0.51	0.85
rev72 [UCTStar -i [IDS]]	0.98	0.99	0.97	1.0	0.99	0.96	0.96	0.96	0.98