

	Random	Human	Bootstrapped DQN	DDQN	Nature
Alien	227.8	7127.7	2436.6	4007.7	3069
Amidar	5.8	1719.5	1272.5	2138.3	739.5
Assault	222.4	742.0	8047.1	6997.9	3359
Asterix	210.0	8503.3	19713.2	17366.4	6012
Asteroids	719.1	47388.7	1032.0	1981.4	1629
Atlantis	12850.0	29028.1	994500.0	767850.0	85641
Bank Heist	14.2	753.1	1208.0	1109.0	429.7
Battle Zone	2360.0	37187.5	38666.7	34620.7	26300
Beam Rider	363.9	16926.5	23429.8	16650.7	6846
Bowling	23.1	160.7	60.2	77.9	42.4
Boxing	0.1	12.1	93.2	90.2	71.8
Breakout	1.7	30.5	855.0	437.0	401.2
Centipede	2090.9	12017.0	4553.5	4855.4	8309
Chopper Command	811.0	7387.8	4100.0	5019.0	6687
Crazy Climber	10780.5	35829.4	137925.9	137244.4	114103
Demon Attack	152.1	1971.0	82610.0	98450.0	9711
Double Dunk	-18.6	-16.4	3.0	-1.8	-18.1
Enduro	0.0	860.5	1591.0	1496.7	301.8
Fishing Derby	-91.7	-38.7	26.0	19.8	-0.8
Freeway	0.0	29.6	33.9	33.4	30.3
Frostbite	65.2	4334.7	2181.4	2766.8	328.3
Gopher	257.6	2412.5	17438.4	13815.9	8520
Gravitar	173.0	3351.4	286.1	708.6	306.7
Hero	1027.0	30826.4	21021.3	20974.2	19950
Ice Hockey	-11.2	0.9	-1.3	-1.7	-1.6
Jamesbond	29.0	302.8	1663.5	1120.2	576.7
Kangaroo	52.0	3035.0	14862.5	14717.6	6740
Krull	1598.0	2665.5	8627.9	9690.9	3805
Kung Fu Master	258.5	22736.3	36733.3	36365.7	23270
Montezuma Revenge	0.0	4753.3	100.0	0.0	0
Ms Pacman	307.3	6951.6	2983.3	3424.6	2311
Name This Game	2292.3	8049.0	11501.1	11744.4	7257
Pong	-20.7	14.6	20.9	20.9	18.9
Private Eye	24.9	69571.3	1812.5	158.4	1788
Qbert	163.9	13455.0	15092.7	15209.7	10596
Riverraid	1338.5	17118.0	12845.0	14555.1	8316
Road Runner	11.5	7845.0	51500.0	49518.4	18257
Robotank	2.2	11.9	66.6	70.6	51.6
Seaquest	68.4	42054.7	9083.1	19183.9	5286
Space Invaders	148.0	1668.7	2893.0	4715.8	1976
Star Gunner	664.0	10250.0	55725.0	66091.2	57997
Tennis	-23.8	-8.3	0.0	11.8	-2.5
Time Pilot	3568.0	5229.2	9079.4	10075.8	5947
Tutankham	11.4	167.6	214.8	268.0	186.7
Up N Down	533.4	11693.2	26231.0	19743.5	8456
Venture	0.0	1187.5	212.5	239.7	380
Video Pinball	0.0	17667.9	811610.0	685911.0	42684
Wizard Of Wor	563.5	4756.5	6804.7	7655.7	3393
Zaxxon	32.5	9173.3	11491.7	12947.6	4977