There are several disadvantages to using Monte Carlo (MC). Firstly, tasks must be episodic, and a result is only reached when an episode runs to completion. Another limitation of Monte Carlo is that the environment must be stationary while the system is running. Additionally, the results are always an estimation, with zero error results requiring an infinite number of interactions; the simulations are also slow to converge requiring many hours and episodes. These disadvantages limit the applications of the MC algorithm as real-world environments tend to vary and not all tasks are episodic.