

Beating humans at their own game (literally)

Playing Atari Games

- Human-level control through deep reinforcement learning for playing Atari Games



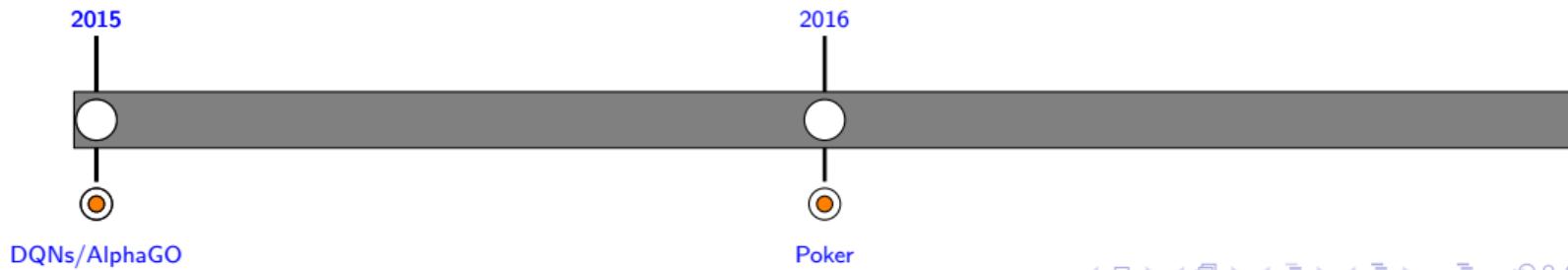
Let's GO

- Alpha Go Zero - Best Go player ever, surpassing human players
- GO is more complex than chess because of number of possible moves.
- No brute force backtracking unlike previous chess agents



Taking a shot at Poker

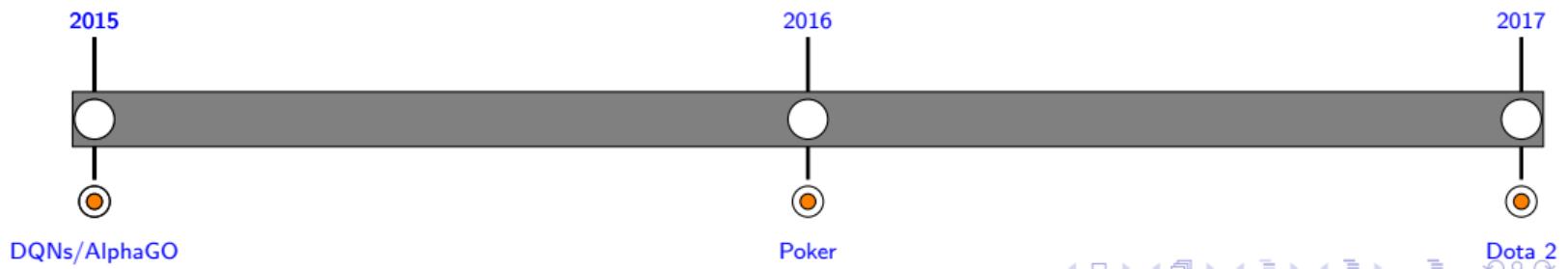
DeepStack defeated 11 professional poker players with only one outside the margin of statistical significance.



DQNs/AlphaGO

Defense of the Ancients

- Widely popular game, with complex strategies, large visual space
- Bot was undefeated against many top professional players .



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