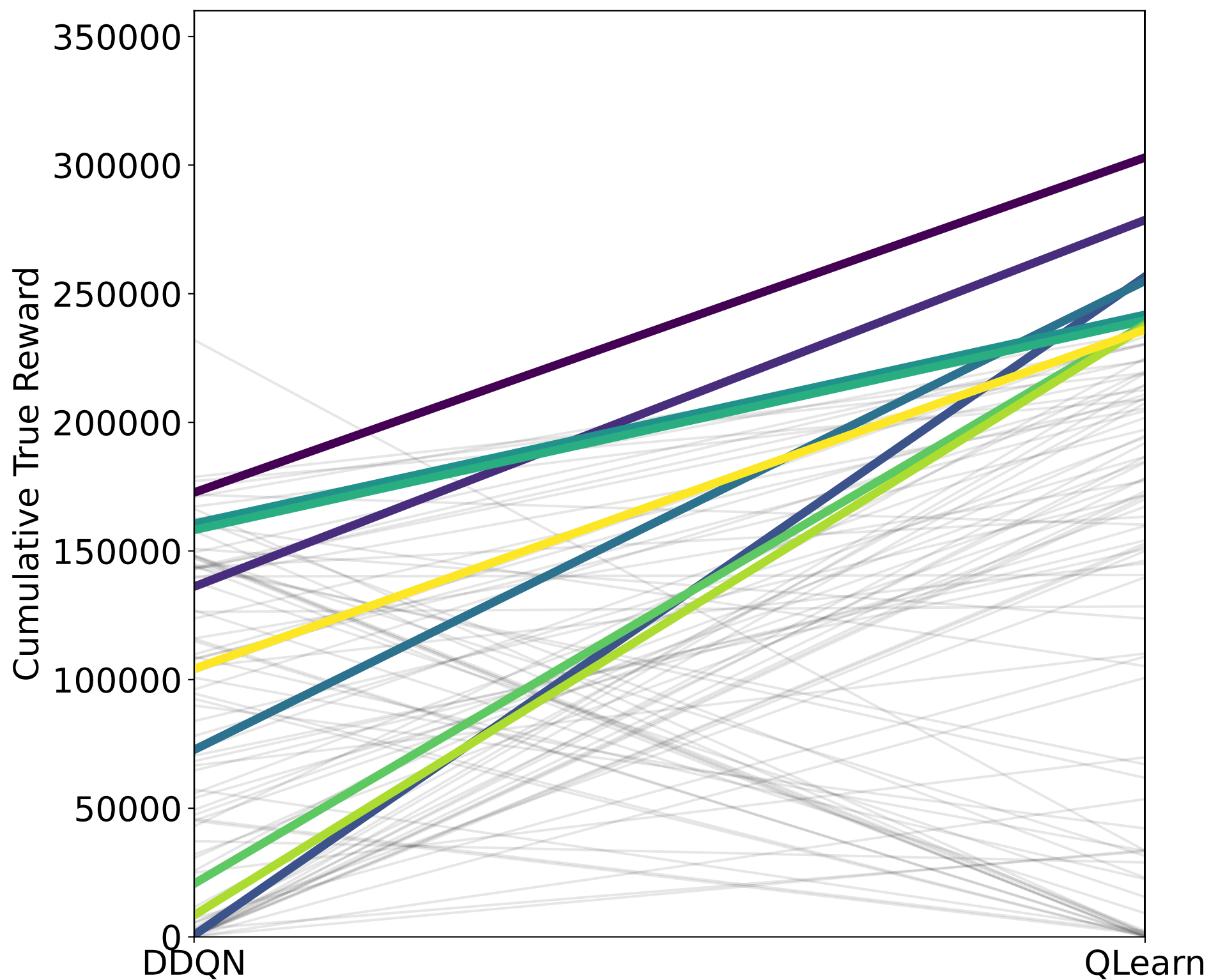


Relative Reward Function Performance  
for DDQN and QLearn



|  |        |         |         |        |         |        |          |       |
|--|--------|---------|---------|--------|---------|--------|----------|-------|
|  | H ∧ T: | -0.50;  | H ∧ ¬T: | -0.50; | ¬H ∧ T: | 10.00, | ¬H ∧ ¬T: | 10.00 |
|  | H ∧ T: | -1.00;  | H ∧ ¬T: | -0.40; | ¬H ∧ T: | 0.30,  | ¬H ∧ ¬T: | 1.00  |
|  | H ∧ T: | -10.00; | H ∧ ¬T: | -6.50; | ¬H ∧ T: | 5.50,  | ¬H ∧ ¬T: | 10.00 |
|  | H ∧ T: | -1.00;  | H ∧ ¬T: | -0.90; | ¬H ∧ T: | 0.00,  | ¬H ∧ ¬T: | 1.00  |
|  | H ∧ T: | -0.25;  | H ∧ ¬T: | -0.10; | ¬H ∧ T: | 0.10,  | ¬H ∧ ¬T: | 1.00  |
|  | H ∧ T: | -1.00;  | H ∧ ¬T: | -1.50; | ¬H ∧ T: | 10.00, | ¬H ∧ ¬T: | 10.00 |
|  | H ∧ T: | -5.00;  | H ∧ ¬T: | -5.00; | ¬H ∧ T: | -2.50, | ¬H ∧ ¬T: | 10.00 |
|  | H ∧ T: | -10.00; | H ∧ ¬T: | -9.00; | ¬H ∧ T: | 5.00,  | ¬H ∧ ¬T: | 10.00 |
|  | H ∧ T: | -3.00;  | H ∧ ¬T: | -1.00; | ¬H ∧ T: | -1.00, | ¬H ∧ ¬T: | 5.00  |