	_	<u> 1abie 1:</u>	Periormance .	Results 101	r Barrier_51	J_muu.1 Proi	oiem
Ontimizer	Mean F	- 7inal	Std Dev	Best	Worst	Mean Fun	c :

Optimizer	Mean Final	Std Dev	Best	Worst	Mean Func	Success	Mean Time		
	Value		Value	Value	Evals	Rate (%)	(s)		
$\mathbf{Q}\mathbf{Q}\mathbf{N}$ -	9.99e-1	1.54e-8	9.99e-1	9.99e-1	78.7	0.0	0.002		
CubicQuadraticInterpolation									
QQN-Bisection-2	9.99e-1	1.38e-16	9.99e-1	9.99e-1	126.0	0.0	0.003		
L-BFGS-	9.99e-1	3.84e-14	9.99e-1	9.99e-1	63.8	0.0	0.001		
Aggressive					=				
QQN-	9.99e-1	6.83e-15	9.99e-1	9.99e-1	144.7	0.0	0.002		
GoldenSection	0.00 1	0.00 14	0.00 1	0.00 1	77.0	0.0	0.000		
QQN-Bisection-	9.99e-1	3.83e-14	9.99e-1	9.99e-1	77.2	0.0	0.002		
L-BFGS	9.99e-1	1.51e-11	9.99e-1	9.99e-1	89.1	0.0	0.002		
QQN-	9.99e-1 9.99e-1	4.30e-15	9.99e-1	9.99e-1	112.1	0.0	0.002 0.004		
StrongWolfe	9.99C-1	4.506-15	J.JJC-1	9.996-1	112.1	0.0	0.004		
L-BFGS-	9.99e-1	1.63e-9	9.99e-1	9.99e-1	190.6	0.0	0.004		
Limited	0.0001	2.0000	0.0001	0.000 1	100.0	0.0	0.001		
L-BFGS-	9.99e-1	6.66e-9	9.99e-1	9.99e-1	599.6	0.0	0.015		
Conservative									
GD	9.99e-1	2.58e-11	9.99e-1	9.99e-1	304.1	0.0	0.008		
Adam-	9.99e-1	2.90e-9	9.99e-1	9.99e-1	1316.6	0.0	0.028		
WeightDecay									
Adam	9.99e-1	9.02e-6	9.99e-1	9.99e-1	2502.0	0.0	0.051		
GD-	9.99e-1	1.40e-5	9.99e-1	9.99e-1	49.2	0.0	0.002		
WeightDecay									
Adam-Robust	1.01e0	4.00e-3	1.00e0	1.01e0	2502.0	0.0	0.057		
Trust Region-	1.05e0	6.79e-2	1.00e0	1.18e0	984.2	0.0	0.007		
Conservative									
Adam-	1.03e0	1.71e-2	1.01e0	1.07e0	2502.0	0.0	0.057		
AMSGrad	1.00-0	1 62 9	1.01.0	1.07-0	149 6	0.0	0.001		
Trust Region- Precise	1.02e0	1.63e-2	1.01e0	1.07e0	143.6	0.0	0.001		
Trust Region-	1.17e0	1.56e-1	1.03e0	1.37e0	28.0	0.0	0.000		
Adaptive	1.1760	1.506-1	1.03e0	1.5760	20.0	0.0	0.000		
Trust Region-	1.23e0	5.13e-2	1.14e0	1.30e0	5.5	0.0	0.000		
Standard	1.2000	0.100-2	1.1400	1.0000	0.0	0.0	0.000		
Adam-Fast	1.28e0	5.59e-2	1.19e0	1.40e0	31.7	0.0	0.001		
GD-Nesterov	1.26e0	2.76e-2	1.22e0	1.30e0	20.4	0.0	0.001		
GD-Momentum	1.37e0	9.02e-2	1.28e0	1.64e0	21.0	0.0	0.001		
Trust Region-	1.99e0	2.18e-1	1.58e0	2.39e0	5.7	0.0	0.000		
Aggressive	- 0 - 0								