Classification benchmark Performance data of all iterations with the Auto-Scaler enabled Iteration 1 Iteration 2 100 100 90 **CPU Utilization** 90 **CPU Utilization** CPU Utilization (%) CPU Utilization (%) 80 80 Alive worker (right) Alive worker (right) 70 70 60 60 50 50 40 40 -30 -30 20 20 10 10 0 0 0 300 600 900 1200 1500 1800 0 300 600 900 1200 1500 1800 Time (seconds) Time (seconds) Iteration 3 Iteration 4 100 100 **CPU Utilization** 90 **CPU Utilization** 90 CPU Utilization (%) CPU Utilization (%) **Number of Worke** 80 80 Alive worker (right) Alive worker (right) 70 70 60 60 50 50 40 40 -30 -30 20 20 10 10 0 0 300 600 900 1200 1500 1800 2100 2400 900 1200 1500 1800 2100 0 300 600 0 Time (seconds) Time (seconds) Iteration 5 Iteration 6 100 100 90 **CPU Utilization** 90 **CPU Utilization** CPU Utilization (%) CPU Utilization (%) Number of Worker 80 Alive worker (right) 80 Alive worker (right) 70 70 60 60 50 50 40 40 -30 -30 20 20 10 10 0 0 300 900 1200 1500 1800 2100 300 600 900 1200 1500 1800 2100 2400 600 0 Time (seconds) Time (seconds) Iteration 7 **Iteration 8** 100 100 **CPU** Utilization 90 **CPU Utilization** 90 CPU Utilization (%) CPU Utilization (%) Number of Worker 80 80 Alive worker (right) Alive worker (right) 70 70 60 60 50 50 -40 -40 30 30 -20 20 10 10 0 0 900 1200 1500 1800 2100 300 600 900 1200 1500 1800 2100 2400 0 300 600 Time (seconds) Time (seconds) Iteration 10 Iteration 9 100 100 -90 -111119876543210 90 **CPU Utilization CPU Utilization** Number of Worker **Number of Worker** CPU Utilization (%) CPU Utilization (%) 80 80 Alive worker (right) Alive worker (right) 70 70 60 -60 -50 -50 -40 -40 -30 -30 · 20 -20 10 10 0 0 300 600 900 1200 1500 1800 2100 2400 900 1200 1500 1800 2100 0 300 600 0 Time (seconds) Time (seconds)