The Microsoft Cognitive Toolkit LEVEL 18

- 1. Block-Momentum SGD
- 2. The Block-Momentum SGD Algorithm
- 3. Configuring Block-Momentum SGD in BrainScript
- 4. Using Block-Momentum SGD in BrainScript
- 5. Re-tuning learning parameters
- 6. ASR experiments
- 7. Caveats
- 8. Using Block-Momentum in Python
- 9. Model-Averaging SGD
- Using Model-Averaging SGD in BrainScript
- 11. Using Model-Averaging SGD in Python
- 12. Data-Parallel Training with Parameter Server
- 13. Using Data-Parallel ASGD
- 14. Configuring Data-Parallel ASGD in BrainScript
- 15. Configuring Data-Parallel ASGD in Python
- 16. Experiments