Training time Heatmap 6.0341 30 -3.9627 0.0670 3.9836 1.3428 1.5629 - 7 29 -3.7873 0.0123 6.0229 5.8449 1.3396 0.8622 0.0332 28 -4.1212 6.1905 5.3314 1.3135 0.5737 27 -4.0072 0.0064 6.0985 4.6804 1.2117 1.4770 26 -3.8227 0.1031 6.0096 4.4382 1.2137 1.3986 - 6 25 -3.8537 0.0967 5.8138 5.6873 1.2215 0.8523 24 -4.0707 0.0197 5.6888 5.5564 1.1010 0.8780 0.0420 7.0877 3.8060 1.0894 0.7779 23 -3.9499 22 -0.0826 5.6482 5.5722 1.0357 0.7610 4.1933 - 5 21 -3.8213 0.0025 6.2255 5.6974 1.0255 0.9447 20 -3.8895 0.0021 5.6718 3.1496 0.9881 0.6635 19 -3.9699 0.0026 5.8481 3.6736 0.9611 0.5641 19 -18 -17 -16 -15 -13 -12 -3.8124 0.0022 5.6232 3.4606 0.9422 0.5232 - 4 0.0018 6.5077 0.6115 3.7519 3.6342 0.8634 0.0019 5.8592 0.8072 0.4774 3.8592 3.6071 3.6722 0.0077 5.3663 4.8808 0.7385 0.7148 3.9445 0.0405 5.8078 0.7420 1.0714 4.7943 0.0225 7.1674 0.7645 0.2781 3.5708 4.2624 - 3 12 -0.0086 6.4484 0.6666 0.6834 4.1262 5.9381 0.0009 5.8871 4.6537 0.5861 0.4362 11 -4.1262 0.0010 5.6852 10 -3.7079 4.5560 0.6246 0.5818 9 -0.0011 6.5189 0.5641 5.1652 4.9516 1.3992 - 2

0.0009 6.1216 0.4759 0.3136 8 -3.6677 4.6117 0.0008 5.6402 3.7709 0.4257 0.9344 7 -4.3456 0.0008 0.3708 3.9699 6.3584 4.6137 0.3800 6 -0.0011 0.3435 0.2733 5 -3.8227 5.9501 5.0948 0.0008 5.6659 0.3315 0.3759 4 -3.9056 5.0810 3 -3.4368 0.0007 4.9040 4.2055 0.2370 0.1303 3.5906 0.0007 4.8809 5.1047 0.1903 0.3149 2 -1 -3.3657 0.0008 6.0242 6.8097 0.1433 0.1592 LR GRU

- 1