Transformer test loss on random tasks with different numbers of templates 2.00 - n 8 n 32 1.75 n 64 n 128 1.50 n 256 n 512 1.25 n 1024 n 2048 Test loss n 4096 1.00 n 8192 0.75 0.50 0.25 0.00 10 12 14 number of templates