## MGW Z-score for celegans shuffled hmm Z-score 0.50 0.25 Average 0.00 0.05 -100 -200100 200-200 -100100 200-200 -100100 200 Position around TSS (bp) Z-score 0.50 0.25 Average 0.00 c 0.25 -200-100100 200 Position around TSS (bp) Absolute difference value Difference between raw and hmm shapes -200-100200 100 Position around TSS (bp)