Roofline Model for Dense-Dense and Dense-Sparse Kernels With and Without Compile Time Values 10^{4} Performance (GFlops/second) Full(ctv) 89.19% Full 91.68% Dense 91.68% Chequered(ctv) 89.11 Chequered 91.49% Band(ctv) 89.11% Band 91.5% Roofline Random(ctv) 94.76% Random 94.98% Dense-Sparse Dense-Dense Dense-Sparse Dense-Dense 10^{2} 10^{0} 10^{1} Operational Intensity (Flop/byte)