W_2 distance vs k (1024 synhtesis vs 256 examples) 10% data w/o memory 10% data, w/ memory 0.35 50% data w/o memory distance 0.30 0.25 50% data, w/ memory 100% data w/o memory 100% data, w/ memory χ_2 0.20 0.15 0.0 0.2 0.4 0.6 8.0 1.0 Fraction $\frac{k}{N}$ corresponding to selection of top k out of N patches