Comparison of Relative Effectiveness vs. Accuracy Feature hashing Impurity greedy on threat **PCA** Privacy score (Entropy) 3 Impurity greedy on both Utility score (Mutual Info) Impurity greedy on source Privacy-utility tradeoff 2 Relative Effectiveness 0 **-**3 0.4 0.5 0.6 0.7 8.0 0.9 1.0 Prediction Accuracy After Feature Minimization