Evolution of total_storage_used Depending on Reliability Threshold $\times 10^{7}$ D-rex Min_Storage 4.5 Greedy_Load_Balancing hdfs_3_replications 4.0 DAO\$_1R otal_storage_used $HDFS_RS(3,2)$ 3.5 $HDFS_RS(6,3)$ $HDFS_RS(4,2)$ 3.0 HDFS_RS_ADAPTATIVE GlusterFS GlusterFS_ADAPTATIVE 2.5 2.0 1.5 0.9 0.990.9990.99990.99999 0.9999999.999999**9.9**99999999999999 Reliability Threshold