Amalgam1ToAmalgam3 scenario Plain implementation Plain implementation; Shuffled 10⁵ Indexes on Nodes and Relationships Indexes on Nodes and Relationships Indexes on Nodes only Indexes on Nodes only Indexes on Relationships only Indexes on Relationships only Without indexes Without indexes 10^{4} 10³

800

600

number of rows per input relation

1000

800

1000

200

400

 10^{4}

10³

200

400

600

number of rows per input relation