Mean deaths per 100,000 for different vaccine effect reductions and scenarios from 100 simulations South Africa Scenario 4 Scenario 1 Scenario 2 Scenario 3 Scenario 5 Scenario 6 No boosters 0.3 0.25 0.2 0.15 0.1 0.05

40.0% reduced

60.0% reduced

No reduction

20.0% reduced