



Model IV



Market IV



Option Prices from Numerical Integration



Option Prices from MC Simulation

Implied Volatility

0.6

0.55

0.5

0.45

0.4

0.35

0.3

0.25

0.2

Implied Volatility

0.6

0.4

0.2

7k

8k

9k

10k

11k

12k

13k

14k

Strike price

14k

409

318

227

136

73

45

Maturity

Absolute Percentage Error

35

30

25

20

15

10

5

0

0

0

0

Maturity

136

227

318

409

14k

13k

12k

11k

10k

9k

8k

7k

Strike price