

$$P(\text{barn bay} | \text{pic bay}) = \frac{P(\text{pic bay} | \text{barn bay}) \overbrace{P(\text{barn bay})}^{= \frac{1}{2}}}{P(\text{pic bay})}$$

$$\frac{\frac{3}{3+n} \cdot \frac{1}{2} + \frac{2}{3+n} \cdot \frac{1}{2}}$$

$$1 - e^{-\lambda} = ab$$

$$\lambda = -\ln 4$$

$$1 - e^{a \ln 4}$$

$$E |X - Y|$$

0	1	2	3	4	5
1	0	1	2	3	4
2	1	0	1	2	3
3	2	1	0	1	2
4	3	2	1	0	1
5	4	3	2	1	0

$$1 \rightarrow \frac{11}{12} + \frac{12 \cdot 10}{23 \cdot 10}$$

$$1.5P - B$$

$$\frac{1}{1000} B (750 - B)$$

$$\frac{(1000 - B)}{1000} \cdot B + \frac{B}{1000} (1.5 \cdot P - B)$$

$$1.5P + 1000 - 4B = 0$$

$$\frac{1}{4} + \frac{4}{3} + \frac{6}{2}$$

$$0 \quad 1 \quad 2 \quad 3 \quad 4$$

$$\frac{11}{16} \cdot \left( -\frac{6}{11} \cdot 2 + \frac{4}{11} \cdot 3 + \frac{1}{11} \cdot 4 \right) + \frac{5}{16} \cdot 2$$

$$\frac{38}{16}$$

	1	2	3	4	5	6
1	2	3	4	5	6	7
2	3	4	5	6	7	8
3	4	5	6	7	8	9
4	5	6	7	8	9	10
5	6	7	8	9	10	11
6	7	8	9	10	11	12
7	8	9	10	11	12	13
8	9	10	11	12	13	14
9	10	11	12	13	14	15
10	11	12	13	14	15	16

$$(4 + 13) \cdot 5 = 85 \times 5 = \frac{425}{60}$$

$$\frac{16}{60} + \frac{2 \cdot 15}{60} + \frac{3 \cdot 14}{60} + \frac{4 \cdot 13}{60} + \frac{5 \cdot 12}{60} + \frac{6 \cdot 11}{60} - 11$$

$$28 \left( -\frac{1}{60} \right)$$

index

CPM one direction

modelling

L & put in financial