

STATS I REVISION PROBABILITY (FROM OCR PAPERS)

7)

	M	F	Tot
Jag	25	15	40
Bentley	12	8	20
Tot	37	23	60

60 in total

$$i) P(\text{Jag} | \text{Male}) = \frac{25}{37}$$

$$ii) P(\text{Both own Jags} | \text{1st is female})$$

$$= P(\text{1st female owns Jag} \cap \text{2nd person owns a Jag})$$

$$= \frac{15}{23} \times \frac{39}{59} = 0.4311$$

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