Question			Marks	AO	Guidance	
11	(a)	0.25 長	<b>B</b> 1	2.2b	At least the three with solid rings.  No extras other than those in the	
		8 0.20 - x			dashed ring.	
		\$1				
		Loop on the control of the control o				
		E 0.05 - 8 × × · × · × · × · × · × · × · × · × ·				
		0.00 0 100,000 200,000 300,000 400,000 500,000 600,000				
		Population	[1]			
11	<b>(b)</b>		B1	2.2b	For identifying (not necessarily using	Identifying some points of
		0.25 x !			the diagram) the two subpopulations	those ringed as being in
		08 0.20 - ×			shown as being one in which there is a positive correlation between the two	different subpopulations
		Manual 0.15			variables, and one in which larger	
		\$\frac{1}{4} \text{ \frac{1}{4}}  \frac{			populations do not appear to lead to	
		Looportion by bus, minimus or coach with the coach			increases in the proportion travelling	
		x x x x x x x x x x x x x x x x x x x			by bus.	
		0.00 0 100,000 200,000 300,000 400,000 500,000 600,000 Population				
		e.g. the dotted ringed group are "metropolitan	<b>E1</b>	1.2	For identifying two distinct	
		districts" which have good infrastructure, so they			subpopulations in terms of the	
		have high proportions of travelling by bus.			structure of the large data set	
		The solid ringed group are probably large "unitary authorities" which are not urban, so they				
		don't have good bus services.				
		The unringed points are a mix of small "unitary	<b>E</b> 1	2.3	For explaining why it might be	
		authorities" and "non-metropolitan districts"			difficult to tell the others apart.	
		which are difficult to tell apart with these data.	[2]			
<u> </u>			[3]			