

10	all			[1]		Allow “percentage” or “value” or “number” or “rate” etc for proportion in all parts of qu 10
10	(a)	(i)	High(er) or increased proportion 18–24	B1 [1]	2.2b	eg “many 18-24” Ignore any LA mentioned Ignore extras only if they don’t contradict High 18-24 only
10	(a)	(ii)	High(er) or increased proportion either/both	B1 [1]	2.2b	or high proportion of younger. Ignore any LA mentioned Ignore extras
10	(a)	(iii)	Low(er) or decreased proportion either/both	B1 [1]	2.2b	or low proportion of younger. Ignore any LA mentioned eg “LA F because low % in younger ages” B1 Ignore extras
10	(b)	(i)	G, H, K, M	B1 [1]	2.2b	No extras or omissions
10	(b)	(ii)	F, N, R	B1 [1]	2.2b	No extras or omissions
10	(c)		<u>Imply need to consider other age range(s)</u> <u>Examples:</u> May be a large % of 25-64 (or 65+) Some LAs have low 0-17 and 18-24 and 65+ Low 0-17 & 18-24 does not mean high 65+ <u>Need to consider other factors or anomalies</u>	B1 [1]	2.3	Low 0-17 & 18-24 not \Rightarrow attractive to older High % of young people does not necessarily imply low % of older people Older people may want live near young relatives Eg May be reasons for low % younger people eg no schools
10	(d)		State all 3 LAs are $> 1.5 \times \text{IQR}$ above UQ Confirms F, N, R (implied) despite (c)	B1 B1 [2]	1.2 2.2a	NB. No fit for either mark Or $16.76 + 1.5 \times (16.76 - 14.56)$ (= 20.06) Ignore attempt at lower limit Independent mark. But must mention (c)

Question			Answer	Mark	AO	Guidance
10	(e)		Mean > UQ Median better	B1* B1_{dep} [2]	1.1 2.2b	or mean is in 4 th quartile Ignore all else Not Mean skewed by F, N, R so median better Not Median not skewed by F, N, R so better Not Mean because need take account of outliers (or F,N,R)