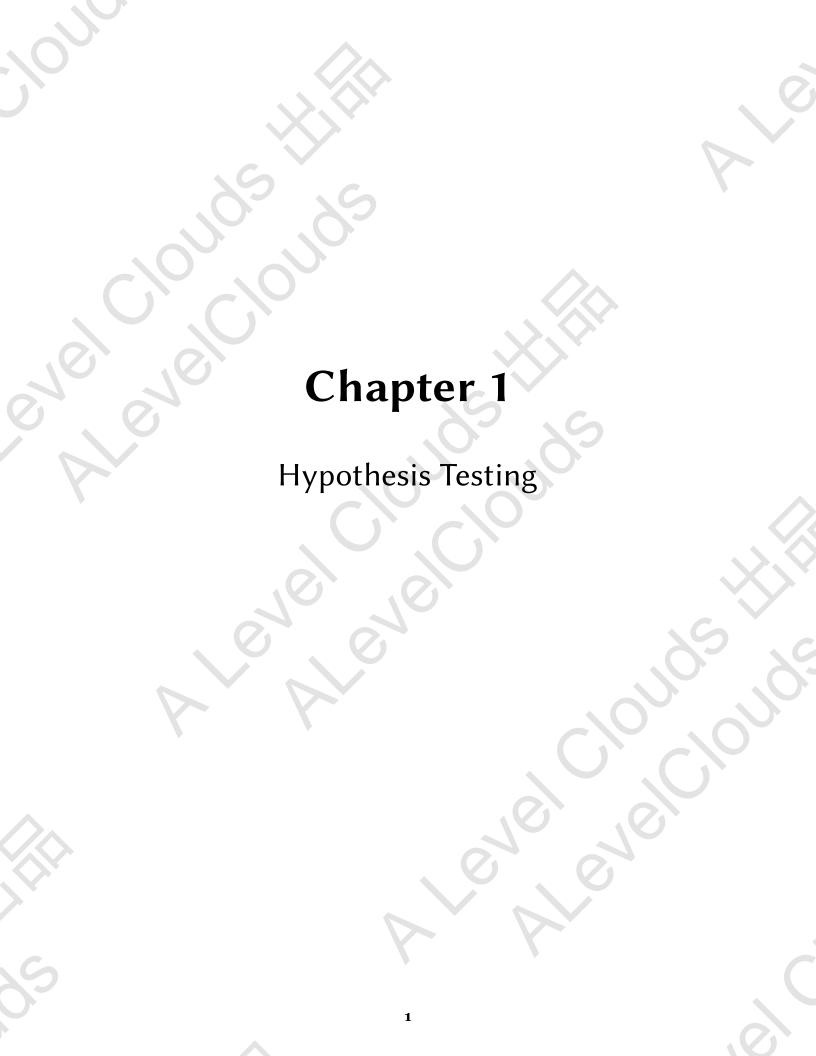
CIE Probability & Statistics 2 分类真题

2020-2022 册

A Level Clouds 出品

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Q1: 9709/62/M20

7	perc He c	ational survey shows that 95% of year 12 students use social media. Arvin suspects that the centage of year 12 students at his college who use social media is less than the national percentage. chooses a random sample of 20 students at his college and notes the number who use social media. then carries out a test at the 2% significance level.
	(a)	Find the rejection region for the test. [4]

Find the probability of a Type I error.	
Jimmy believes that the true percentage at Arvin's college is	70%. Assuming that Jimm
correct, find the probability of a Type II error.	
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Q2: 9709/61/S20

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	State what is meant by a Type II error in this context. [1]	. (
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