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 2.1.3 Distributional assumptions  
 2.2 Inferences concerning a single mean from observations assuming common known variance; 2.2.1 An example; 2.2.2 Bayesian intervals; 2.2.3 Parallel results from sampling theory; 2.3 Inferences concerning the spread of a Normal distribution from observations having common known mean; 2.3.1 The inverted  $\chi^2$ , inverted  $F$ , and the log  $\chi^2$  distributions; 2.3.2 Inferences about the spread of a Normal distribution; 2.3.3 An example; 2.3.4 Relationship to sampling theory results; 2.4 Inferences when both mean and standard deviation are unknown; 2.4.1 An example  
 2.4.2 Component distributions of  $p(\theta, \sigma^2 | y)$   
 2.4.3 Posterior intervals for  $\theta$ ; 2.4.4 Geometric interpretation of the derivation of  $p(\theta | y)$ ; 2.4.5 Informative prior distribution of  $\theta$ ; 2.4.6 Effect of changing the metric of  $\theta$  for locally uniform prior; 2.4.7 Elimination of the nuisance parameter  $\sigma^2$  in Bayesian and sampling theories; 2.5 Inferences concerning the difference between two means; 2.5.1 Distribution of  $\bar{X} - \bar{Y}$  when  $\sigma_1^2 = \sigma_2^2$ ; 2.5.2 Distribution of  $\bar{X} - \bar{Y}$  when  $\sigma_1^2$  and  $\sigma_2^2$  are not assumed equal; 2.5.3 Approximations to the Behrens-Fisher distribution; 2.5.4 An example  
 2.6 Inferences concerning a variance ratio

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Sommario/riassunto

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