

Chapter 5 Selected Answers to Mastery Items

2. H_0 : Leg strength is not related to jumping ability.
 H_1 : Leg strength is related to jumping ability.
3. The independent variable is the mode of training with the two levels being the two methods of cross country training (i.e., overdistance training or distance intervals). The dependent variable is the runner's time at the district meet.
5. The researcher is ensuring a very low possibility of making a Type I error. Thus, if significant findings are obtained, the researcher can feel confident that there is a relationship.