EASTASIA TRAINING & CONSULTANCY PTE LTD

Descriptive Statistics for Health Care

1-day Research workshop

Programme Overview

Overview:

- o Summarise, organise and present the most important features of a given set of dataset in such a way that a clear picture emerges

- o The methods of descriptive statistics and the basic concepts used to describe data; not just how to calculate them, but also how to interpret the results and evaluate them from your own practices

Participants:

Clinicians, allied health care professionals, researchers or anyone who is keen to learn basic descriptive statistics

Objectives:

1. To introduce participants to different types of statistics.

2. To learn how to compute and interpret these descriptive statistics.

3. To learn how to present and apply this knowledge in the healthcare setting.

Fees & Registration

As seats are based on first-come-first-serve basis, please register early to avoid disappointment.

Fees* (in Singapore Dollars) are prepaid before the commencement of the workshop.

*includes course materials, 2 tea breaks and a networking lunch.

Corporations	200/delegate
University staff	200/delegate
Students	100/delegate

*We have discounts for group registration. Please email us to have details of the group registration discount package at: enquiry@eastasiatc.com.sg or training@eastasiatc.com.sg

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Course outline

1. Introduction

  o   What is Statistics?

  o   Types of Statistics

  o   Basic Definitions

2. Graphs, Charts and Tables

  o   Frequency Distribution

  o   Histograms

  o   Symmetry and Skewness

  o   Scatterplots

  o   Identification of Outliers

  o   Charts

3. Measures of Location

  o   Mean

  o   Median

  o   Mode

  o   Exercises 1

4. Measures of Spread or Dispersion

  o   Variance and Standard Deviation

  o   Coefficient of Variation

  o   Standard Error of Mean

  o   Quartiles and Interquartile Range

  o   Summary

  o   Exercise 2