**Practical session: Study designs I**

Below you have three abstracts of three different study designs. Read carefully and complete the table using information provided.





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| --- | --- | --- | --- |
| **TABLE 1** | **HIV study** | **Tuberculosis study** | **Hypertension study** |
| Type of study |  |  |  |
| Outcome variable |  |  |  |
| Predictor variables |  |  |  |
| Hypothesis / aim |  |  |  |
| Population size (#) |  |  |  |
| Sampling method |  |  |  |
| Time, follow-up, duration |  |  |  |
| Intervention (yes/no, what) |  |  |  |
| Control/comparison group (yes/no, what) |  |  |  |
| Statistical method |  |  |  |
| Effect measurement |  |  |  |
| Correlation or causation |  |  |  |
| **TABLE 2** | **HIV study** | **Tuberculosis study** | **Hypertension study** |
| Alternative explanations for the associations |  |  |  |
| Analytical or descriptive |  |  |  |
| Generalize findings (yes/no) |  |  |  |
| Rate the cost of the study from 1 (cheap) to 5 (very expensive) |  |  |  |
| Is the outcome an acute or chronic disease? |  |  |  |
| Is this study useful? Why? |  |  |  |
| Sources of bias |  |  |  |
| Rate the quality of evidence from 1(low) to 5 (high) |  |  |  |
| Design a better study.How would you improve the design? (imagine you have unlimited money) |  |  |  |