Project #3:

Primary & Secondary Research

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class: \_\_\_\_\_ DUE DATE: \_\_\_\_\_\_\_\_\_\_

**OBJECTIVES**

* Explain the study design of a cross-sectional survey primary research study **(Methods)**
* Communicate results of a study with clear, evidence-based, and precise language **(Results)**
* Identify conclusions from secondary research studies and explain how they support or contradict the primary research study **(Literature Review)**
* Use information from a variety of valid, reliable, and appropriately cited journal sources **(Citations)**

**ASSESSMENT**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Standard** | **No points**  **(Incomplete)** | **1 point**  **(Poor)** | **2 points**  **(Below Average)** | **3 points (Average)** | **4 points**  **(Good)** | **5 points (Excellent)** |
| **WRITTEN COMMUNICATION:**Demonstrate clear, organized, and compelling writing proper spelling and grammar |  | -Writing is unclear, disorganized and not compelling  -Many spelling & grammar errors | -Writing is somewhat clear, organized and compelling  -Some spelling & grammar errors | -Writing is fairly clear, organized and compelling  -Few spelling & grammar errors | -Writing is clear, organized and compelling  -Few spelling & grammar errors | -Writing is very clear, organized and compelling  -No spelling & grammar errors |
| **METHODS:**  Explain the study design of a cross-sectional survey primary research study |  | More than 4 pieces of required content are missing | 3-4 pieces of required content are missing | 1-2 pieces of required content is missing | -All required content is included, aligned, and evidence-based | -All required content is thoroughly but concisely presented, aligned, and evidence-based |
| **RESULTS:**  Communicate results of a study with clear, evidence-based, and precise language |  | More than 4 pieces of required content are missing | 3-4 pieces of required content are missing | 1-2 pieces of required content is missing | -All required content is included, aligned, and evidence-based | -All required content is thoroughly but concisely presented, aligned, and evidence-based |
| **LITERATURE REVIEW:** *(10 pts)*  Identify conclusions from secondary research studies and explain how they support or contradict the primary research study |  | 3 pieces of required content are missing | 2 pieces of required content are missing | 1 pieces of required content is missing | -All required content is included, aligned, and evidence-based | -All required content is thoroughly but concisely presented, aligned, and evidence-based |
| **RESEARCH QUESTION:**  Create a testable research question to investigate a health problem |  | -Unclear  -Population or  variables missing  -Major causation vs. correlation errors | -Population or  variables missing  -Major causation vs. correlation errors | -Population demographics  -2+ variables (IV & DV)  -Major causation vs. correlation errors | -Population demographics  -2+ variables (IV & DV)  -Minor causation vs. correlation errors | -Population demographics  -2+ variables (IV & DV)  -No causation vs. correlation errors |
| **CITATIONS*:***  Use information from a variety of valid, reliable, and appropriately cited sources |  | No sources used. | Both:  -Info from only 1 valid, reliable and aligned sources  -Minor errors on citation page | Both:  -Info from only 2 valid, reliable and aligned sources  -Minor errors on citation page | Either:  -Info from only 2 valid, reliable and aligned sources  -Minor errors on citation page | -Info from 3+ valid, reliable and aligned sources  -Error-free citation page |

**Total Score: \_\_\_\_ / 30**

**Comments:**

**GUIDELINES**

**PRINTED:** One *(1)* printed hard copy of the final draft must be submitted with this cover sheet on top and the outlines and revisions below.

**Sections**:

1. **Methods** *(Primary Research)* – ¾ to 1 page
2. **Results**  *(Primary Research)* – ¾ to 2 pages including data tables
3. **Literature Review** *(Secondary Research)* – 2-3 pages (1 solid paragraph for each source)

\*There is no exact length requirement, but recommendations are listed above.

**Formatting:** The following must formatting requirements must be followed. No exceptions.

* Font: Times New Roman, 12 point
* Margins: 1-inch on all sides
* Double spaced
* Header (single-spaced): Top left = Name, Instructor, Course, Date
* No title is necessary, just label each section (**Methods, Results, Literature Review)**

**References**:

* Minimum of **3** scholarly references required in Literature Review
* BOTH must be scholarly journal articles for this assignment
* *In-text cite your sources with i.e. XXXX (Jones 2010).*
* *Use “et al.” with multiple authors OR (Mitchell et al. 2011)*
* Reference list must begin on a separate page & should be in alphabetical order (MLA format)

**Style Guide:**

**Be Concise:**

**Non-Example:** The results found by the researchers were extremely significant because they found that the subjects did in fact believe they heard words that were never on the reading list given.

**Example:** Researchers found that subjects recalled words that were not originally present.

**Avoid Personal Pronouns:**

**Non-Example:** I conducted a cross-sectional study with Dr. Patty Pediatrician that examined her oncology patient’s knowledge of cancer risk factors. We recruited subjects…

**Example:** A cross-sectional study examined knowledge of cancer risk factors among patients in Dr. Patty Pediatrician’s oncology clinic…

**Required components**: The paper sections should include the following:

**METHODS:** *Provide a thorough and concise summary of methods used to collect and analyze data.*

* **Research Question**
* **Study design:** 
  + **Survey type** *(ex: cross-sectional survey, pilot-test)*
  + **Format** *(online or paper-based, etc.)*
  + **Consent letter** *(purpose, anonymity, voluntary participation, instructions, etc.)*
  + **Description** *(# of questions, format of questions, length, etc.)*
* **Population:**
  + **Recruitment** *(how did you select or find the respondents?)*
  + **Procedure** for data collection (*how survey was distributed? Approximately how long it took them? were they provided with any incentive/bias?)*
* **Demographic Results** of target population *(ex: age, gender, race/ethnicity, other characteristics)* [Give actual data when possible, as both a total number and percentage of study population]
* **Sample size** *(n=?)*& **response rate** *(provide actual or estimated percentage of targeted population that completed survey)*
* **Set-up of Data Analysis:**
  + **Analysis methods used:** *(ex: 2x2 table was constructed and relative risk was calculated)*
  + **Sample of primary RF/Outcome question:** For the variables you choose to analyze in your primary 2x2 table *[You can write out the actual questions and answer responses]*
  + **Criteria** **for groupings***: (how risk factor and outcome were defined based on answer choices)*

**RESULTS:** *Provide a clear, concise, and comprehensive summary of data findings using supporting tables and graphs.*

* **Research question** *(Restated)*
* **Basic item analysis:** Include a table or bullet-pointed list of basic results for each question
  + **i.**e. 55% (11/20) of respondents reported that they own an iPhone
  + Summarize the findings from basic item analysis
* **Relative Risk:**
  + **Hypothesis**: *Positive correlation between risk factor and outcome variables that were expected*
  + **2x2 table,** with clear descriptive labels
  + **Relative Risk** calculation and result
  + **Relative risk statement** write out a sentence expressing the meaning of the relative risk

**LITERATURE REVIEW:** *Describe how your results relate to previous research studies & existing data sets*

* **Scholarly source #1:**
  + Purpose of study
  + Conclusion of study
  + Relationship to primary research study methods & results
  + Discussion and analysis
* **Scholarly source #2:**
  + Same as above
* **Scholarly source #3:**
  + Same as above