Quiz 9.1: Bivariate

Name: ________________________________

1. The below p-values are associated with which test statistic?

<table>
<thead>
<tr>
<th>Variable</th>
<th>Intervention Group Mean</th>
<th>Comparison Group Mean</th>
<th>p-value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Age</td>
<td>32</td>
<td>33</td>
<td>0.537</td>
</tr>
<tr>
<td>Body mass index</td>
<td>23.4</td>
<td>24.1</td>
<td>0.156</td>
</tr>
<tr>
<td>Height (cm)</td>
<td>196</td>
<td>189</td>
<td>0.002</td>
</tr>
</tbody>
</table>

☐ K-test
☐ T-test
☐ Chi-square test
☐ Pearson's R

2. When building a general explanatory model, we use bivariate statistics (t-test and chi-square test) at p<_____ to filter out non-significant covariates:

☐ 0.01
☐ 0.05
☐ 0.1
☐ 0.5

3. What is the correct code to compare the percent of people in three age categories across two intervention groups?

☐ `svyset [pweight=v005], psu(v021) strata(v023)`
  `svy: tab age group`

☐ `tab age group`

☐ `svyset [pweight=v005], psu(v021) strata(v023)`
  `svy: tab age`
  `svy: tab group`

☐ `svyset [pweight=v005], psu(v021) strata(v023)`
  `svy: regress group age`