summarise() has grouped output by ‘subregion’. You can override using the .groups argument. Adding missing grouping variables: subregion

| subregion | n | Country | Ascertainment ratio |
| --- | --- | --- | --- |
| Eastern Africa | 1 | Kenya | 243:1-243:1 |
| Eastern Africa | 11 | Malawi | 252:1-696:1 |
| Eastern Africa | 1 | Uganda | 176:1-176:1 |
| Southern Africa | 7 | South Africa | 18:1-37:1 |
| Western Africa | 3 | Ghana | 128:1-215:1 |
| Western Africa | 1 | Nigeria | 954:1-954:1 |
| Western Africa | 1 | Senegal | 299:1-299:1 |
| Western Africa | 1 | Sierra Leone | 57:1-57:1 |
| Western Africa | 1 | Togo | 377:1-377:1 |
| Middle Africa | 1 | Cameroon | 124:1-124:1 |

##   
## Pearson's product-moment correlation  
##   
## data: unadj\_ratios$sero\_case\_ratio and unadj\_ratios$access  
## t = -4.9845, df = 26, p-value = 3.501e-05  
## alternative hypothesis: true correlation is not equal to 0  
## 95 percent confidence interval:  
## -0.8503446 -0.4409508  
## sample estimates:  
## cor   
## -0.6990311

##   
## Pearson's product-moment correlation  
##   
## data: unadj\_ratios$sero\_case\_ratio and unadj\_ratios$quality  
## t = -1.388, df = 26, p-value = 0.1769  
## alternative hypothesis: true correlation is not equal to 0  
## 95 percent confidence interval:  
## -0.5789911 0.1224248  
## sample estimates:  
## cor   
## -0.2626483

##   
## Pearson's product-moment correlation  
##   
## data: unadj\_ratios$sero\_case\_ratio and unadj\_ratios$demand  
## t = -3.8088, df = 26, p-value = 0.0007683  
## alternative hypothesis: true correlation is not equal to 0  
## 95 percent confidence interval:  
## -0.7942013 -0.2901435  
## sample estimates:  
## cor   
## -0.5984416

##   
## Pearson's product-moment correlation  
##   
## data: unadj\_ratios$sero\_case\_ratio and unadj\_ratios$resilience  
## t = -3.8169, df = 26, p-value = 0.0007523  
## alternative hypothesis: true correlation is not equal to 0  
## 95 percent confidence interval:  
## -0.7946726 -0.2913129  
## sample estimates:  
## cor   
## -0.5992609