Phan tich Forest plot left hand vs right hand

Minh

2024-02-28

## Load bộ số liệu và các packages

## ── Attaching core tidyverse packages ──────────────────────── tidyverse 2.0.0 ──  
## ✔ dplyr 1.1.2 ✔ readr 2.1.4  
## ✔ forcats 1.0.0 ✔ stringr 1.5.0  
## ✔ ggplot2 3.5.0 ✔ tibble 3.2.1  
## ✔ lubridate 1.9.2 ✔ tidyr 1.3.0  
## ✔ purrr 1.0.2   
## ── Conflicts ────────────────────────────────────────── tidyverse\_conflicts() ──  
## ✖ dplyr::filter() masks stats::filter()  
## ✖ dplyr::lag() masks stats::lag()  
## ℹ Use the conflicted package (<http://conflicted.r-lib.org/>) to force all conflicts to become errors  
##   
## Attaching package: 'rstatix'  
##   
##   
## The following object is masked from 'package:stats':  
##   
## filter

## So sánh khác biệt về trung bình của chỉ số M theo các biến

Lập hàm so sánh trung bình biến var1 và var2 theo characteristic

### Lập bảng phân tích

Hàm vẽ forest plot

## Loading required package: grid

## Loading required package: checkmate

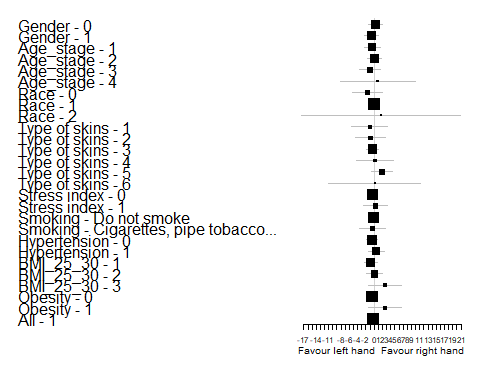
## Loading required package: abind

Hàm sắp xếp các cột theo thứ tự

Bảng phân tích theo từng characteristic

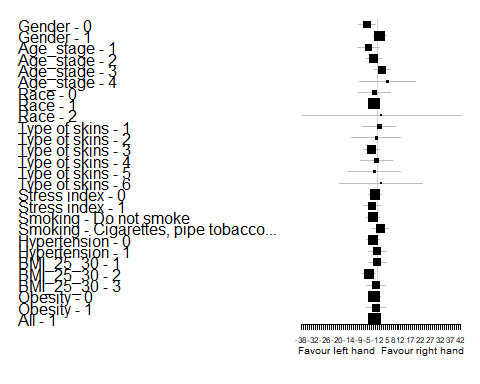
Bảng M theo các subgroup:

| Characteristic | Subgroup | N M\_right | N M\_left | Mean M\_right | CI\_95% M\_right | Mean M\_left | CI\_95% M\_left | Mean\_Diff | Diff\_CI\_95% | P\_Value |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Gender | 0 | 31 | 31 | 21.24866 | (17.92,24.58) | 20.94035 | (17.63,24.25) | 0.3083065 | (-1.27,1.89) | 0.5682234 |
| Gender | 1 | 44 | 44 | 22.86338 | (19.91,25.82) | 23.48846 | (20.4,26.57) | -0.6250833 | (-2.27,1.02) | 0.3160492 |
| Age\_stage | 1 | 26 | 26 | 19.17679 | (15.06,23.3) | 19.65327 | (14.93,24.37) | -0.4764744 | (-2.43,1.48) | 0.5651319 |
| Age\_stage | 2 | 30 | 30 | 25.18288 | (22.74,27.62) | 25.07405 | (22.38,27.76) | 0.1088278 | (-1.64,1.86) | 0.8552717 |
| Age\_stage | 3 | 13 | 13 | 22.94608 | (16.46,29.43) | 24.01013 | (18.64,29.38) | -1.0640513 | (-3.58,1.45) | 0.4548340 |
| Age\_stage | 4 | 6 | 6 | 18.71917 | (5.71,31.73) | 17.88417 | (6.82,28.94) | 0.8350000 | (-8.26,9.93) | 0.8437500 |
| Race | 0 | 11 | 11 | 26.13345 | (21.73,30.54) | 27.78006 | (23.89,31.67) | -1.6466061 | (-5.28,1.99) | 0.2060547 |
| Race | 1 | 61 | 61 | 21.06736 | (18.6,23.53) | 21.14676 | (18.58,23.72) | -0.0794016 | (-1.31,1.15) | 0.9427390 |
| Race | 2 | 3 | 3 | 30.70667 | (11.24,50.17) | 29.03667 | (14.98,43.1) | 1.6700000 | (-17.48,20.82) | 1.0000000 |
| Type of skins | 1 | 10 | 10 | 24.73180 | (20.82,28.64) | 25.85290 | (22.22,29.48) | -1.1211000 | (-5.48,3.24) | 0.6250000 |
| Type of skins | 2 | 4 | 4 | 30.01750 | (21.21,38.82) | 30.88750 | (22.83,38.95) | -0.8700000 | (-4.55,2.81) | 0.6250000 |
| Type of skins | 3 | 40 | 40 | 19.38852 | (16.28,22.49) | 19.81858 | (16.43,23.21) | -0.4300667 | (-1.89,1.03) | 0.4437333 |
| Type of skins | 4 | 11 | 11 | 26.75303 | (23.15,30.36) | 26.52508 | (23.38,29.67) | 0.2279545 | (-4.27,4.73) | 0.8310547 |
| Type of skins | 5 | 6 | 6 | 17.96917 | (3.73,32.2) | 16.12917 | (3.8,28.46) | 1.8400000 | (-0.64,4.32) | 0.1562500 |
| Type of skins | 6 | 4 | 4 | 29.91750 | (19.43,40.4) | 29.81750 | (22.06,37.58) | 0.1000000 | (-11.09,11.29) | 0.8750000 |
| Stress index | 0 | 57 | 57 | 20.80047 | (18.32,23.28) | 21.22492 | (18.61,23.84) | -0.4244503 | (-1.69,0.84) | 0.4696713 |
| Stress index | 1 | 18 | 18 | 26.61500 | (22.41,30.82) | 26.26792 | (22.06,30.47) | 0.3470833 | (-2.5,3.19) | 0.7987061 |
| Smoking | Do not smoke | 62 | 62 | 22.67448 | (20.4,24.95) | 22.89599 | (20.44,25.35) | -0.2215081 | (-1.48,1.04) | 0.7791370 |
| Smoking | Cigarettes, pipe tobacco… | 13 | 13 | 19.91377 | (12.92,26.91) | 20.23782 | (14.14,26.34) | -0.3240513 | (-3.48,2.83) | 0.7868652 |
| Hypertension | 0 | 54 | 54 | 23.09776 | (20.61,25.59) | 23.62721 | (21.09,26.17) | -0.5294475 | (-1.96,0.9) | 0.4963733 |
| Hypertension | 1 | 21 | 21 | 19.87705 | (15.31,24.44) | 19.37019 | (14.68,24.06) | 0.5068571 | (-1.42,2.43) | 1.0000000 |
| BMI\_25\_30 | 1 | 42 | 42 | 18.83752 | (15.82,21.85) | 19.73143 | (16.71,22.75) | -0.8939127 | (-2.47,0.68) | 0.2688326 |
| BMI\_25\_30 | 2 | 26 | 26 | 26.08391 | (22.9,29.27) | 26.02997 | (22.14,29.92) | 0.0539423 | (-1.91,2.01) | 0.7453930 |
| BMI\_25\_30 | 3 | 7 | 7 | 27.90567 | (24.45,31.36) | 25.30629 | (21.13,29.48) | 2.5993810 | (-1.44,6.64) | 0.1562500 |
| Obesity | 0 | 68 | 68 | 21.60820 | (19.27,23.94) | 22.13969 | (19.7,24.58) | -0.5314975 | (-1.73,0.67) | 0.2754046 |
| Obesity | 1 | 7 | 7 | 27.90567 | (24.45,31.36) | 25.30629 | (21.13,29.48) | 2.5993810 | (-1.44,6.64) | 0.1562500 |
| All | 1 | 75 | 75 | 22.19596 | (20.03,24.36) | 22.43524 | (20.2,24.67) | -0.2392822 | (-1.38,0.9) | 0.6289738 |

Đồ thị Forest plot theo biến M 

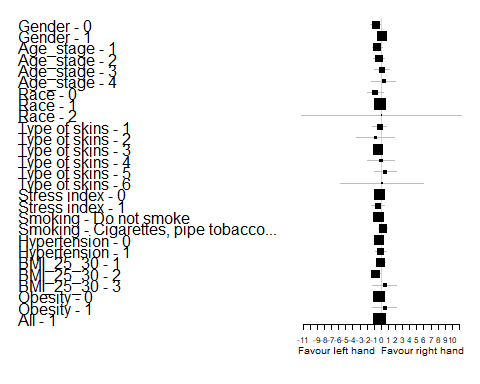
Bảng Kv100 theo các subgroup:

| Characteristic | Subgroup | N Kv100\_right | N Kv100\_left | Mean Kv100\_right | CI\_95% Kv100\_right | Mean Kv100\_left | CI\_95% Kv100\_left | Mean\_Diff | Diff\_CI\_95% | P\_Value |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Gender | 0 | 31 | 31 | 22.14626 | (17.67,26.62) | 27.32293 | (20.77,33.88) | -5.1766667 | (-9.67,-0.69) | 0.0233424 |
| Gender | 1 | 44 | 44 | 19.23460 | (15.65,22.82) | 18.03458 | (14.83,21.23) | 1.2000152 | (-2.08,4.48) | 0.2139098 |
| Age\_stage | 1 | 26 | 26 | 23.41340 | (18.69,28.13) | 27.77519 | (21.26,34.29) | -4.3617949 | (-9.76,1.04) | 0.1048203 |
| Age\_stage | 2 | 30 | 30 | 18.55904 | (14.52,22.6) | 20.48275 | (15.6,25.37) | -1.9237111 | (-6.06,2.21) | 0.7456547 |
| Age\_stage | 3 | 13 | 13 | 13.90246 | (9.49,18.31) | 11.34026 | (9.14,13.55) | 2.5622051 | (-1.67,6.8) | 0.1909180 |
| Age\_stage | 4 | 6 | 6 | 31.10083 | (12.44,49.76) | 26.07861 | (6.4,45.76) | 5.0222222 | (-9.17,19.22) | 0.5625000 |
| Race | 0 | 11 | 11 | 20.56973 | (10.6,30.54) | 22.03712 | (12.81,31.26) | -1.4673939 | (-9.58,6.65) | 0.3652344 |
| Race | 1 | 61 | 61 | 20.56688 | (17.58,23.56) | 22.17564 | (18.32,26.04) | -1.6087650 | (-4.6,1.39) | 0.7519698 |
| Race | 2 | 3 | 3 | 17.33667 | (-6.41,41.09) | 15.13667 | (-12.77,43.04) | 2.2000000 | (-37.94,42.34) | 0.7500000 |
| Type of skins | 1 | 10 | 10 | 22.66645 | (12.13,33.21) | 21.67467 | (11.39,31.96) | 0.9917833 | (-7.17,9.15) | 0.9218750 |
| Type of skins | 2 | 4 | 4 | 12.98000 | (3.23,22.73) | 13.44000 | (0.57,26.31) | -0.4600000 | (-12.76,11.84) | 1.0000000 |
| Type of skins | 3 | 40 | 40 | 19.72226 | (15.86,23.58) | 22.52825 | (17.32,27.73) | -2.8059917 | (-6.72,1.11) | 0.4160990 |
| Type of skins | 4 | 11 | 11 | 20.48197 | (13.58,27.39) | 20.75735 | (14.36,27.16) | -0.2753788 | (-8.51,7.96) | 0.8984375 |
| Type of skins | 5 | 6 | 6 | 29.96500 | (18.52,41.41) | 31.40917 | (15.67,47.15) | -1.4441667 | (-14.68,11.79) | 0.6875000 |
| Type of skins | 6 | 4 | 4 | 15.07250 | (0.71,29.43) | 13.02750 | (-3.04,29.09) | 2.0450000 | (-18.95,23.04) | 0.6250000 |
| Stress index | 0 | 57 | 57 | 20.57171 | (17.34,23.8) | 21.62570 | (17.69,25.56) | -1.0539942 | (-4.41,2.3) | 0.9746467 |
| Stress index | 1 | 18 | 18 | 20.01495 | (14.23,25.8) | 22.65931 | (15.46,29.86) | -2.6443519 | (-6.92,1.63) | 0.2645264 |
| Smoking | Do not smoke | 62 | 62 | 21.63233 | (18.42,24.85) | 23.68966 | (19.81,27.57) | -2.0573333 | (-5.24,1.12) | 0.2679700 |
| Smoking | Cigarettes, pipe tobacco… | 13 | 13 | 14.74246 | (11.63,17.85) | 13.21333 | (9.39,17.04) | 1.5291282 | (-2.42,5.48) | 0.1909180 |
| Hypertension | 0 | 54 | 54 | 21.71050 | (18.46,24.96) | 23.72681 | (19.39,28.07) | -2.0163056 | (-5.41,1.38) | 0.4084725 |
| Hypertension | 1 | 21 | 21 | 17.16617 | (11.82,22.51) | 17.10881 | (12.73,21.49) | 0.0573571 | (-4.45,4.56) | 0.8917322 |
| BMI\_25\_30 | 1 | 42 | 42 | 24.06937 | (20.31,27.83) | 23.97123 | (19.04,28.9) | 0.0981429 | (-4.25,4.45) | 0.5944014 |
| BMI\_25\_30 | 2 | 26 | 26 | 15.61135 | (11.15,20.07) | 19.77728 | (14.15,25.41) | -4.1659295 | (-7.57,-0.76) | 0.0254100 |
| BMI\_25\_30 | 3 | 7 | 7 | 16.57826 | (9.8,23.36) | 17.07595 | (10.25,23.9) | -0.4976905 | (-5.24,4.24) | 0.9375000 |
| Obesity | 0 | 68 | 68 | 20.83542 | (17.86,23.82) | 22.36766 | (18.7,26.04) | -1.5322377 | (-4.5,1.43) | 0.5472599 |
| Obesity | 1 | 7 | 7 | 16.57826 | (9.8,23.36) | 17.07595 | (10.25,23.9) | -0.4976905 | (-5.24,4.24) | 0.9375000 |
| All | 1 | 75 | 75 | 20.43809 | (17.69,23.19) | 21.87377 | (18.5,25.25) | -1.4356800 | (-4.14,1.27) | 0.5524695 |

Đồ thị Forest plot theo biến Kv100 

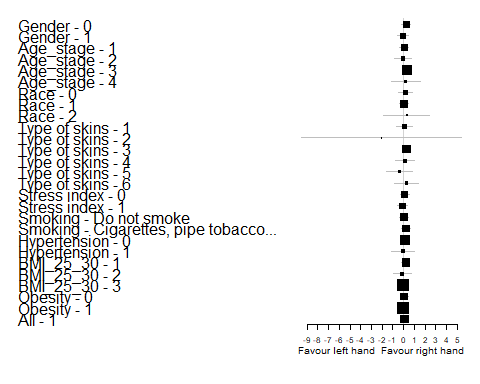
Bảng δ theo các subgroup:

| Characteristic | Subgroup | N δ\_right | N δ\_left | Mean δ\_right | CI\_95% δ\_right | Mean δ\_left | CI\_95% δ\_left | Mean\_Diff | Diff\_CI\_95% | P\_Value |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Gender | 0 | 31 | 31 | 3.759113 | (3.04,4.48) | 4.547688 | (3.76,5.33) | -0.7885753 | (-1.47,-0.11) | 0.0117951 |
| Gender | 1 | 44 | 44 | 3.739992 | (3.14,4.34) | 3.664803 | (3.06,4.27) | 0.0751894 | (-0.47,0.62) | 0.5247563 |
| Age\_stage | 1 | 26 | 26 | 3.584680 | (2.85,4.32) | 4.158269 | (3.33,4.98) | -0.5735897 | (-1.28,0.14) | 0.1427159 |
| Age\_stage | 2 | 30 | 30 | 4.118706 | (3.38,4.86) | 4.448211 | (3.7,5.2) | -0.3295056 | (-1.09,0.43) | 0.3183961 |
| Age\_stage | 3 | 13 | 13 | 2.910077 | (1.74,4.08) | 2.782051 | (1.8,3.76) | 0.1280256 | (-0.91,1.17) | 0.9460449 |
| Age\_stage | 4 | 6 | 6 | 4.416389 | (2.08,6.76) | 4.083611 | (1.08,7.09) | 0.3327778 | (-1.38,2.05) | 0.6875000 |
| Race | 0 | 11 | 11 | 4.503667 | (3.26,5.75) | 5.386333 | (4.36,6.41) | -0.8826667 | (-2,0.24) | 0.1015625 |
| Race | 1 | 61 | 61 | 3.558063 | (3.05,4.06) | 3.746393 | (3.24,4.25) | -0.1883306 | (-0.63,0.26) | 0.3926863 |
| Race | 2 | 3 | 3 | 4.836667 | (1.68,7.99) | 4.816667 | (-6.27,15.9) | 0.0200000 | (-11.2,11.24) | 1.0000000 |
| Type of skins | 1 | 10 | 10 | 4.728283 | (3.44,6.02) | 4.964217 | (3.84,6.09) | -0.2359333 | (-1.2,0.72) | 0.5566406 |
| Type of skins | 2 | 4 | 4 | 3.975000 | (0.64,7.31) | 4.810000 | (2.67,6.95) | -0.8350000 | (-3.5,1.83) | 0.6250000 |
| Type of skins | 3 | 40 | 40 | 2.981442 | (2.5,3.46) | 3.444417 | (2.87,4.02) | -0.4629750 | (-0.96,0.03) | 0.1561695 |
| Type of skins | 4 | 11 | 11 | 4.959242 | (3.54,6.38) | 5.000530 | (3.53,6.47) | -0.0412879 | (-1.9,1.82) | 0.7555408 |
| Type of skins | 5 | 6 | 6 | 4.551667 | (1.37,7.73) | 3.994167 | (1.12,6.87) | 0.5575000 | (-0.98,2.09) | 0.5625000 |
| Type of skins | 6 | 4 | 4 | 4.197500 | (1.58,6.82) | 4.150000 | (-2.02,10.32) | 0.0475000 | (-5.82,5.91) | 0.8750000 |
| Stress index | 0 | 57 | 57 | 3.520901 | (2.98,4.06) | 3.737012 | (3.22,4.25) | -0.2161111 | (-0.7,0.27) | 0.2979542 |
| Stress index | 1 | 18 | 18 | 4.466713 | (3.71,5.22) | 4.956667 | (3.8,6.11) | -0.4899537 | (-1.46,0.48) | 0.4171143 |
| Smoking | Do not smoke | 62 | 62 | 3.968890 | (3.47,4.46) | 4.363274 | (3.84,4.89) | -0.3943844 | (-0.89,0.11) | 0.1083738 |
| Smoking | Cigarettes, pipe tobacco… | 13 | 13 | 2.693923 | (1.67,3.72) | 2.438974 | (1.68,3.2) | 0.2549487 | (-0.38,0.89) | 0.6245946 |
| Hypertension | 0 | 54 | 54 | 4.173475 | (3.63,4.72) | 4.532207 | (3.98,5.08) | -0.3587315 | (-0.88,0.16) | 0.1683121 |
| Hypertension | 1 | 21 | 21 | 2.653548 | (2.04,3.27) | 2.737643 | (1.97,3.51) | -0.0840952 | (-0.87,0.7) | 1.0000000 |
| BMI\_25\_30 | 1 | 42 | 42 | 3.887087 | (3.19,4.59) | 3.964167 | (3.27,4.65) | -0.0770794 | (-0.69,0.54) | 0.9203203 |
| BMI\_25\_30 | 2 | 26 | 26 | 3.378782 | (2.76,4) | 4.189904 | (3.39,4.99) | -0.8111218 | (-1.45,-0.17) | 0.0253507 |
| BMI\_25\_30 | 3 | 7 | 7 | 4.283738 | (2.94,5.63) | 3.828167 | (2.18,5.48) | 0.4555714 | (-1.19,2.11) | 0.9325263 |
| Obesity | 0 | 68 | 68 | 3.692735 | (3.21,4.18) | 4.050478 | (3.54,4.56) | -0.3577426 | (-0.81,0.09) | 0.1536460 |
| Obesity | 1 | 7 | 7 | 4.283738 | (2.94,5.63) | 3.828167 | (2.18,5.48) | 0.4555714 | (-1.19,2.11) | 0.9325263 |
| All | 1 | 75 | 75 | 3.747896 | (3.3,4.2) | 4.029729 | (3.55,4.51) | -0.2818333 | (-0.71,0.14) | 0.2003547 |

Đồ thị Forest plot theo biến δ 

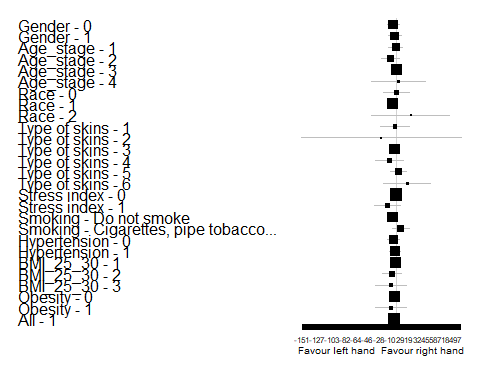
Bảng T theo các subgroup:

| Characteristic | Subgroup | N T\_right | N T\_left | Mean T\_right | CI\_95% T\_right | Mean T\_left | CI\_95% T\_left | Mean\_Diff | Diff\_CI\_95% | P\_Value |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Gender | 0 | 31 | 31 | 31.67831 | (30.56,32.8) | 31.44366 | (30.23,32.66) | 0.2346505 | (-0.2,0.67) | 0.2243493 |
| Gender | 1 | 44 | 44 | 30.95224 | (29.66,32.25) | 31.01694 | (29.76,32.28) | -0.0646970 | (-0.58,0.45) | 0.5634673 |
| Age\_stage | 1 | 26 | 26 | 30.55058 | (28.99,32.12) | 30.50000 | (29,32) | 0.0505769 | (-0.38,0.48) | 0.8028007 |
| Age\_stage | 2 | 30 | 30 | 32.06649 | (31,33.13) | 32.13918 | (31.03,33.25) | -0.0726833 | (-0.85,0.71) | 0.2133460 |
| Age\_stage | 3 | 13 | 13 | 31.49985 | (28.58,34.42) | 31.18910 | (28.27,34.11) | 0.3107436 | (0.01,0.62) | 0.0805203 |
| Age\_stage | 4 | 6 | 6 | 29.68639 | (24.3,35.08) | 29.47750 | (24.03,34.92) | 0.2088889 | (-1.15,1.56) | 0.8437500 |
| Race | 0 | 11 | 11 | 32.83158 | (31.42,34.24) | 32.66200 | (31.06,34.26) | 0.1695758 | (-0.48,0.82) | 0.5771484 |
| Race | 1 | 61 | 61 | 30.80654 | (29.79,31.83) | 30.77880 | (29.76,31.8) | 0.0277404 | (-0.39,0.44) | 0.2474944 |
| Race | 2 | 3 | 3 | 34.52667 | (31.71,37.34) | 34.23667 | (30.99,37.49) | 0.2900000 | (-1.84,2.42) | 0.7500000 |
| Type of skins | 1 | 10 | 10 | 32.77298 | (31.21,34.34) | 32.69770 | (30.89,34.51) | 0.0752833 | (-0.65,0.8) | 0.8457031 |
| Type of skins | 2 | 4 | 4 | 32.20750 | (24.01,40.4) | 34.27000 | (31.96,36.58) | -2.0625000 | (-9.49,5.36) | 1.0000000 |
| Type of skins | 3 | 40 | 40 | 30.34933 | (29.07,31.62) | 30.06021 | (28.73,31.39) | 0.2891167 | (-0.06,0.64) | 0.2913387 |
| Type of skins | 4 | 11 | 11 | 33.28576 | (32.32,34.25) | 33.14848 | (32.09,34.2) | 0.1372727 | (-0.74,1.01) | 0.0998330 |
| Type of skins | 5 | 6 | 6 | 27.96667 | (23.67,32.27) | 28.33500 | (24.94,31.73) | -0.3683333 | (-1.57,0.83) | 0.6875000 |
| Type of skins | 6 | 4 | 4 | 34.86250 | (33.04,36.68) | 34.59750 | (32.55,36.65) | 0.2650000 | (-0.85,1.38) | 0.6250000 |
| Stress index | 0 | 57 | 57 | 30.69375 | (29.61,31.78) | 30.58278 | (29.51,31.66) | 0.1109649 | (-0.32,0.54) | 0.1561120 |
| Stress index | 1 | 18 | 18 | 33.02125 | (32.07,33.97) | 33.12667 | (32.19,34.06) | -0.1054167 | (-0.6,0.39) | 0.8445921 |
| Smoking | Do not smoke | 62 | 62 | 31.57658 | (30.71,32.44) | 31.54775 | (30.69,32.4) | 0.0288360 | (-0.38,0.44) | 0.3676146 |
| Smoking | Cigarettes, pipe tobacco… | 13 | 13 | 29.70600 | (26.57,32.84) | 29.50295 | (26.31,32.7) | 0.2030513 | (-0.2,0.6) | 0.2734375 |
| Hypertension | 0 | 54 | 54 | 31.69583 | (30.8,32.59) | 31.58660 | (30.69,32.48) | 0.1092222 | (-0.18,0.4) | 0.2837214 |
| Hypertension | 1 | 21 | 21 | 30.11198 | (27.91,32.31) | 30.18200 | (27.98,32.39) | -0.0700238 | (-1.13,0.99) | 0.5545709 |
| BMI\_25\_30 | 1 | 42 | 42 | 30.28253 | (29.08,31.48) | 30.08278 | (28.81,31.36) | 0.1997540 | (-0.17,0.57) | 0.2134395 |
| BMI\_25\_30 | 2 | 26 | 26 | 32.13122 | (30.64,33.62) | 32.27346 | (31.03,33.52) | -0.1422436 | (-0.98,0.69) | 0.5505898 |
| BMI\_25\_30 | 3 | 7 | 7 | 33.80688 | (32.14,35.48) | 33.84457 | (32.26,35.43) | -0.0376905 | (-0.27,0.19) | 0.8125000 |
| Obesity | 0 | 68 | 68 | 30.98938 | (30.05,31.93) | 30.92039 | (29.99,31.86) | 0.0689902 | (-0.31,0.45) | 0.1654166 |
| Obesity | 1 | 7 | 7 | 33.80688 | (32.14,35.48) | 33.84457 | (32.26,35.43) | -0.0376905 | (-0.27,0.19) | 0.8125000 |
| All | 1 | 75 | 75 | 31.25235 | (30.38,32.13) | 31.19332 | (30.32,32.07) | 0.0590333 | (-0.29,0.4) | 0.1921221 |

Đồ thị Forest plot theo biến T 

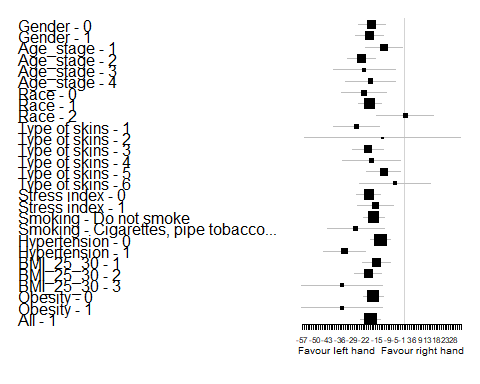
Bảng A365 theo các subgroup:

| Characteristic | Subgroup | N A365\_right | N A365\_left | Mean A365\_right | CI\_95% A365\_right | Mean A365\_left | CI\_95% A365\_left | Mean\_Diff | Diff\_CI\_95% | P\_Value |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Gender | 0 | 31 | 31 | 84.00806 | (70.46,97.56) | 90.094086 | (73.12,107.06) | -6.086022 | (-15.53,3.35) | 0.1880019 |
| Gender | 1 | 44 | 44 | 83.52348 | (72.89,94.16) | 86.989394 | (73.25,100.73) | -3.465909 | (-13.95,7.02) | 1.0000000 |
| Age\_stage | 1 | 26 | 26 | 80.21795 | (62.83,97.6) | 81.846154 | (61.78,101.91) | -1.628205 | (-12.82,9.56) | 0.7063356 |
| Age\_stage | 2 | 30 | 30 | 88.36500 | (77.75,98.98) | 98.315000 | (83.05,113.58) | -9.950000 | (-23.81,3.91) | 0.3492946 |
| Age\_stage | 3 | 13 | 13 | 79.03846 | (53.94,104.13) | 80.038461 | (53.07,107) | -1.000000 | (-8.92,6.92) | 0.6747995 |
| Age\_stage | 4 | 6 | 6 | 85.86111 | (65.75,105.97) | 83.750000 | (30.18,137.32) | 2.111111 | (-40.94,45.17) | 1.0000000 |
| Race | 0 | 11 | 11 | 103.48788 | (91.1,115.88) | 103.957576 | (84.66,123.25) | -0.469697 | (-20.84,19.9) | 0.4495797 |
| Race | 1 | 61 | 61 | 82.80191 | (73.71,91.9) | 89.408470 | (77.88,100.94) | -6.606557 | (-14.58,1.36) | 0.2522731 |
| Race | 2 | 3 | 3 | 30.00000 | (-38.35,98.35) | 7.666667 | (-0.32,15.65) | 22.333333 | (-39.84,84.5) | 0.5000000 |
| Type of skins | 1 | 10 | 10 | 105.61167 | (93.24,117.99) | 108.395000 | (87.82,128.97) | -2.783333 | (-25.74,20.17) | 0.3077489 |
| Type of skins | 2 | 4 | 4 | 61.50000 | (-3.99,126.99) | 86.000000 | (-33.9,205.9) | -24.500000 | (-151.19,102.19) | 0.8750000 |
| Type of skins | 3 | 40 | 40 | 92.39167 | (83.16,101.62) | 96.495833 | (85.03,107.96) | -4.104167 | (-12.3,4.09) | 0.3679985 |
| Type of skins | 4 | 11 | 11 | 89.13636 | (70.51,107.76) | 101.151515 | (70.72,131.58) | -12.015151 | (-33.88,9.85) | 0.2783203 |
| Type of skins | 5 | 6 | 6 | 35.00000 | (4.28,65.72) | 32.333333 | (6.94,57.72) | 2.666667 | (-9.85,15.18) | 0.6875000 |
| Type of skins | 6 | 4 | 4 | 22.75000 | (-19.8,65.3) | 6.500000 | (0.91,12.09) | 16.250000 | (-21.59,54.09) | 0.5807122 |
| Stress index | 0 | 57 | 57 | 84.79591 | (75.45,94.14) | 85.985965 | (74.66,97.32) | -1.190058 | (-8.14,5.76) | 0.9123013 |
| Stress index | 1 | 18 | 18 | 80.32870 | (61.71,98.94) | 95.513889 | (68.86,122.17) | -15.185185 | (-36.11,5.74) | 0.1504784 |
| Smoking | Do not smoke | 62 | 62 | 83.81909 | (75.03,92.61) | 90.579839 | (79.17,101.99) | -6.760753 | (-14.96,1.44) | 0.2489138 |
| Smoking | Cigarettes, pipe tobacco… | 13 | 13 | 83.26923 | (58.29,108.24) | 77.269231 | (48.51,106.03) | 6.000000 | (-7.35,19.35) | 0.6245946 |
| Hypertension | 0 | 54 | 54 | 81.45062 | (71.7,91.21) | 86.666667 | (73.4,99.93) | -5.216049 | (-14.65,4.21) | 0.6014114 |
| Hypertension | 1 | 21 | 21 | 89.56905 | (73.52,105.62) | 92.402381 | (75.83,108.97) | -2.833333 | (-11.83,6.17) | 0.3847716 |
| BMI\_25\_30 | 1 | 42 | 42 | 84.09921 | (72.17,96.03) | 86.075397 | (70.22,101.93) | -1.976190 | (-10.34,6.39) | 0.7361232 |
| BMI\_25\_30 | 2 | 26 | 26 | 79.87821 | (66,93.75) | 87.397436 | (71.12,103.68) | -7.519231 | (-23.03,7.99) | 0.7125496 |
| BMI\_25\_30 | 3 | 7 | 7 | 95.75476 | (76.48,115.03) | 104.707143 | (83.02,126.39) | -8.952381 | (-33.27,15.37) | 0.2968750 |
| Obesity | 0 | 68 | 68 | 82.48529 | (73.62,91.35) | 86.580882 | (75.25,97.91) | -4.095588 | (-11.74,3.55) | 0.6460937 |
| Obesity | 1 | 7 | 7 | 95.75476 | (76.48,115.03) | 104.707143 | (83.02,126.39) | -8.952381 | (-33.27,15.37) | 0.2968750 |
| All | 1 | 75 | 75 | 83.72378 | (75.54,91.9) | 88.272667 | (77.84,98.71) | -4.548889 | (-11.68,2.59) | 0.3871725 |

Đồ thị Forest plot theo biến A365 

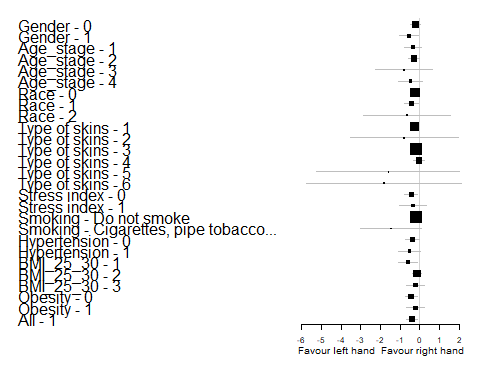
Bảng A460 theo các subgroup:

| Characteristic | Subgroup | N A460\_right | N A460\_left | Mean A460\_right | CI\_95% A460\_right | Mean A460\_left | CI\_95% A460\_left | Mean\_Diff | Diff\_CI\_95% | P\_Value |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Gender | 0 | 31 | 31 | 49.41935 | (42.14,56.7) | 67.51344 | (57.68,77.35) | -18.0940860 | (-25.8,-10.39) | 0.0001613 |
| Gender | 1 | 44 | 44 | 50.37348 | (43.89,56.86) | 69.91136 | (59.23,80.6) | -19.5378788 | (-27.43,-11.64) | 0.0000206 |
| Age\_stage | 1 | 26 | 26 | 46.08974 | (36.7,55.48) | 57.40385 | (46.01,68.8) | -11.3141026 | (-21.53,-1.1) | 0.0270756 |
| Age\_stage | 2 | 30 | 30 | 51.60111 | (45.95,57.25) | 75.66167 | (65.41,85.92) | -24.0605556 | (-31.98,-16.14) | 0.0000248 |
| Age\_stage | 3 | 13 | 13 | 54.72308 | (39.59,69.85) | 77.17949 | (51.82,102.54) | -22.4564103 | (-39.81,-5.11) | 0.0096051 |
| Age\_stage | 4 | 6 | 6 | 48.44444 | (22.91,73.98) | 67.22222 | (30.34,104.1) | -18.7777778 | (-32.84,-4.72) | 0.0312500 |
| Race | 0 | 11 | 11 | 47.26061 | (39.78,54.74) | 69.75152 | (57.52,81.98) | -22.4909091 | (-34.98,-10) | 0.0038398 |
| Race | 1 | 61 | 61 | 52.22240 | (46.9,57.54) | 71.48770 | (63.26,79.71) | -19.2653005 | (-25.66,-12.87) | 0.0000006 |
| Race | 2 | 3 | 3 | 14.33333 | (0.65,28.01) | 13.66667 | (8.5,18.84) | 0.6666667 | (-15.3,16.64) | 1.0000000 |
| Type of skins | 1 | 10 | 10 | 47.13667 | (40.53,53.74) | 73.89333 | (62.86,84.93) | -26.7566667 | (-39.66,-13.85) | 0.0019531 |
| Type of skins | 2 | 4 | 4 | 46.00000 | (24.73,67.27) | 58.25000 | (8.75,107.75) | -12.2500000 | (-56.07,31.57) | 0.8750000 |
| Type of skins | 3 | 40 | 40 | 58.95583 | (53.36,64.55) | 79.24167 | (69.63,88.85) | -20.2858333 | (-28.91,-11.67) | 0.0000654 |
| Type of skins | 4 | 11 | 11 | 50.66667 | (38.77,62.56) | 69.21970 | (48.53,89.91) | -18.5530303 | (-34.86,-2.25) | 0.0580240 |
| Type of skins | 5 | 6 | 6 | 22.08333 | (8.82,35.34) | 33.50000 | (16.18,50.82) | -11.4166667 | (-20.97,-1.86) | 0.0625000 |
| Type of skins | 6 | 4 | 4 | 11.25000 | (-0.89,23.39) | 16.25000 | (7.6,24.9) | -5.0000000 | (-24.87,14.87) | 0.6250000 |
| Stress index | 0 | 57 | 57 | 50.80292 | (45.53,56.07) | 70.66257 | (61.94,79.38) | -19.8596491 | (-26.51,-13.21) | 0.0000006 |
| Stress index | 1 | 18 | 18 | 47.37037 | (35.85,58.9) | 63.40278 | (49.34,77.46) | -16.0324074 | (-26.05,-6.01) | 0.0069181 |
| Smoking | Do not smoke | 62 | 62 | 49.33925 | (44.76,53.92) | 66.54328 | (59.48,73.61) | -17.2040323 | (-23.09,-11.31) | 0.0000011 |
| Smoking | Cigarettes, pipe tobacco… | 13 | 13 | 53.03077 | (34.42,71.64) | 80.25641 | (52.35,108.16) | -27.2256410 | (-43.21,-11.24) | 0.0032950 |
| Hypertension | 0 | 54 | 54 | 47.43025 | (42.05,52.81) | 60.70216 | (53.46,67.94) | -13.2719136 | (-18.88,-7.66) | 0.0000313 |
| Hypertension | 1 | 21 | 21 | 56.53333 | (46.57,66.5) | 90.05238 | (74.14,105.97) | -33.5190476 | (-45.42,-21.62) | 0.0002134 |
| BMI\_25\_30 | 1 | 42 | 42 | 51.11270 | (43.6,58.63) | 66.57143 | (55.28,77.86) | -15.4587302 | (-23.47,-7.45) | 0.0004511 |
| BMI\_25\_30 | 2 | 26 | 26 | 48.10256 | (41.3,54.91) | 68.38782 | (58.47,78.31) | -20.2852564 | (-28.06,-12.51) | 0.0000955 |
| BMI\_25\_30 | 3 | 7 | 7 | 50.14762 | (43.28,57.01) | 84.99048 | (61.66,108.32) | -34.8428571 | (-57.45,-12.24) | 0.0360317 |
| Obesity | 0 | 68 | 68 | 49.96176 | (44.75,55.17) | 67.26593 | (59.5,75.03) | -17.3041667 | (-22.97,-11.64) | 0.0000002 |
| Obesity | 1 | 7 | 7 | 50.14762 | (43.28,57.01) | 84.99048 | (61.66,108.32) | -34.8428571 | (-57.45,-12.24) | 0.0360317 |
| All | 1 | 75 | 75 | 49.97911 | (45.24,54.72) | 68.92022 | (61.61,76.23) | -18.9411111 | (-24.44,-13.44) | 0.0000000 |

Đồ thị Forest plot theo biến A460 

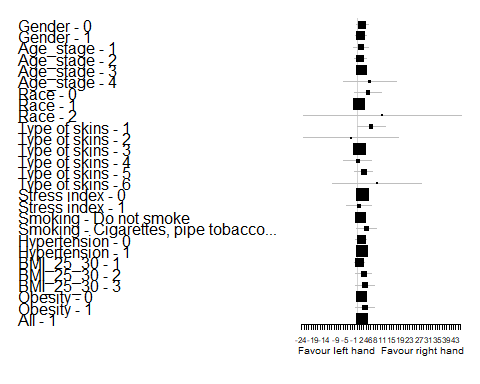
Bảng Anadn theo các subgroup:

| Characteristic | Subgroup | N Anadn\_right | N Anadn\_left | Mean Anadn\_right | CI\_95% Anadn\_right | Mean Anadn\_left | CI\_95% Anadn\_left | Mean\_Diff | Diff\_CI\_95% | P\_Value |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Gender | 0 | 31 | 31 | 0.9841398 | (0.52,1.45) | 1.2033065 | (0.75,1.66) | -0.2191667 | (-0.45,0.01) | 0.0341105 |
| Gender | 1 | 44 | 44 | 0.7017500 | (0.6,0.8) | 1.2424242 | (0.73,1.75) | -0.5406742 | (-1.01,-0.07) | 0.0001152 |
| Age\_stage | 1 | 26 | 26 | 0.8906410 | (0.53,1.25) | 1.2288462 | (0.63,1.83) | -0.3382051 | (-0.78,0.1) | 0.0358315 |
| Age\_stage | 2 | 30 | 30 | 0.6636667 | (0.56,0.77) | 0.9568056 | (0.68,1.24) | -0.2931389 | (-0.56,-0.02) | 0.0081430 |
| Age\_stage | 3 | 13 | 13 | 1.1620769 | (0.22,2.1) | 1.9470513 | (0.32,3.57) | -0.7849744 | (-2.23,0.66) | 0.0214844 |
| Age\_stage | 4 | 6 | 6 | 0.5352778 | (0.34,0.73) | 1.0005556 | (0.54,1.46) | -0.4652778 | (-1.08,0.15) | 0.0625000 |
| Race | 0 | 11 | 11 | 0.4646970 | (0.39,0.54) | 0.7127273 | (0.56,0.87) | -0.2480303 | (-0.43,-0.07) | 0.0144328 |
| Race | 1 | 61 | 61 | 0.8431749 | (0.63,1.06) | 1.2680191 | (0.85,1.68) | -0.4248443 | (-0.78,-0.07) | 0.0004094 |
| Race | 2 | 3 | 3 | 1.6133333 | (-3.46,6.69) | 2.2600000 | (-1.06,5.58) | -0.6466667 | (-2.87,1.57) | 0.5000000 |
| Type of skins | 1 | 10 | 10 | 0.4581667 | (0.38,0.54) | 0.7318333 | (0.57,0.9) | -0.2736667 | (-0.47,-0.08) | 0.0178172 |
| Type of skins | 2 | 4 | 4 | 0.9475000 | (0.26,1.64) | 1.7325000 | (-0.97,4.43) | -0.7850000 | (-3.54,1.97) | 0.3750000 |
| Type of skins | 3 | 40 | 40 | 0.8589667 | (0.54,1.18) | 1.0428333 | (0.75,1.33) | -0.1838667 | (-0.32,-0.05) | 0.0008783 |
| Type of skins | 4 | 11 | 11 | 0.6413636 | (0.45,0.84) | 0.6806818 | (0.51,0.85) | -0.0393182 | (-0.32,0.24) | 0.5771484 |
| Type of skins | 5 | 6 | 6 | 0.8266667 | (0.46,1.19) | 2.4283333 | (-1.42,6.27) | -1.6016667 | (-5.25,2.04) | 0.3125000 |
| Type of skins | 6 | 4 | 4 | 1.6600000 | (-1,4.32) | 3.4875000 | (-0.79,7.76) | -1.8275000 | (-5.76,2.11) | 0.2500000 |
| Stress index | 0 | 57 | 57 | 0.7966140 | (0.57,1.02) | 1.2238012 | (0.84,1.61) | -0.4271871 | (-0.76,-0.1) | 0.0000098 |
| Stress index | 1 | 18 | 18 | 0.8876852 | (0.46,1.32) | 1.2340278 | (0.4,2.07) | -0.3463426 | (-1.03,0.34) | 0.3692169 |
| Smoking | Do not smoke | 62 | 62 | 0.8281989 | (0.59,1.06) | 1.0143145 | (0.78,1.25) | -0.1861156 | (-0.33,-0.04) | 0.0016958 |
| Smoking | Cigarettes, pipe tobacco… | 13 | 13 | 0.7720769 | (0.52,1.02) | 2.2370513 | (0.5,3.97) | -1.4649744 | (-3.03,0.1) | 0.0002441 |
| Hypertension | 0 | 54 | 54 | 0.7549136 | (0.58,0.93) | 1.1216512 | (0.73,1.52) | -0.3667377 | (-0.72,-0.02) | 0.0009009 |
| Hypertension | 1 | 21 | 21 | 0.9819048 | (0.41,1.56) | 1.4952381 | (0.74,2.25) | -0.5133333 | (-1.08,0.05) | 0.0057195 |
| BMI\_25\_30 | 1 | 42 | 42 | 0.8071905 | (0.59,1.03) | 1.4094444 | (0.83,1.99) | -0.6022540 | (-1.1,-0.11) | 0.0002712 |
| BMI\_25\_30 | 2 | 26 | 26 | 0.8897436 | (0.43,1.35) | 1.0366987 | (0.64,1.43) | -0.1469551 | (-0.39,0.09) | 0.0525191 |
| BMI\_25\_30 | 3 | 7 | 7 | 0.6214286 | (0.3,0.94) | 0.8311905 | (0.64,1.02) | -0.2097619 | (-0.65,0.23) | 0.2968750 |
| Obesity | 0 | 68 | 68 | 0.8387549 | (0.62,1.05) | 1.2669240 | (0.89,1.65) | -0.4281691 | (-0.75,-0.11) | 0.0000497 |
| Obesity | 1 | 7 | 7 | 0.6214286 | (0.3,0.94) | 0.8311905 | (0.64,1.02) | -0.2097619 | (-0.65,0.23) | 0.2968750 |
| All | 1 | 75 | 75 | 0.8184711 | (0.62,1.02) | 1.2262556 | (0.88,1.57) | -0.4077844 | (-0.7,-0.12) | 0.0000189 |

Đồ thị Forest plot theo biến Anadn 

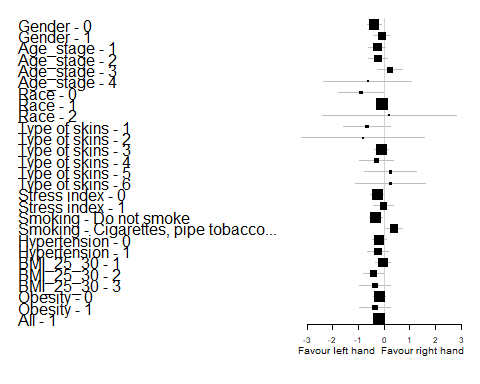
Bảng POM theo các subgroup:

| Characteristic | Subgroup | N POM\_right | N POM\_left | Mean POM\_right | CI\_95% POM\_right | Mean POM\_left | CI\_95% POM\_left | Mean\_Diff | Diff\_CI\_95% | P\_Value |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Gender | 0 | 31 | 31 | 9.333307 | (6.52,12.15) | 6.987204 | (4.84,9.14) | 2.3461022 | (-0.33,5.02) | 0.0070872 |
| Gender | 1 | 44 | 44 | 9.375091 | (7.6,11.15) | 7.695288 | (5.7,9.69) | 1.6798030 | (-0.67,4.03) | 0.0047971 |
| Age\_stage | 1 | 26 | 26 | 8.436731 | (5.36,11.51) | 6.778461 | (4.19,9.36) | 1.6582692 | (-1.77,5.08) | 0.0381683 |
| Age\_stage | 2 | 30 | 30 | 10.749206 | (8.73,12.77) | 9.298922 | (6.71,11.89) | 1.4502833 | (-1.29,4.19) | 0.0220989 |
| Age\_stage | 3 | 13 | 13 | 7.446308 | (4.4,10.5) | 5.375513 | (2.89,7.86) | 2.0707949 | (0.14,4) | 0.0573730 |
| Age\_stage | 4 | 6 | 6 | 10.533889 | (0.08,20.99) | 5.017778 | (1.19,8.85) | 5.5161111 | (-5.91,16.94) | 0.3125000 |
| Race | 0 | 11 | 11 | 14.900485 | (9.59,20.21) | 10.184182 | (7.76,12.61) | 4.7163030 | (-1.04,10.47) | 0.0419922 |
| Race | 1 | 61 | 61 | 8.136904 | (6.76,9.51) | 7.122951 | (5.43,8.81) | 1.0139536 | (-0.69,2.72) | 0.0018250 |
| Race | 2 | 3 | 3 | 13.860000 | (-20.97,48.69) | 2.890000 | (0.55,5.23) | 10.9700000 | (-23.3,45.24) | 0.5000000 |
| Type of skins | 1 | 10 | 10 | 14.578283 | (8.64,20.51) | 8.465267 | (7.37,9.56) | 6.1130167 | (0.02,12.2) | 0.0136719 |
| Type of skins | 2 | 4 | 4 | 10.450000 | (1.23,19.67) | 13.200000 | (-6.46,32.86) | -2.7500000 | (-23.51,18.01) | 1.0000000 |
| Type of skins | 3 | 40 | 40 | 7.432800 | (5.97,8.9) | 6.378125 | (4.55,8.2) | 1.0546750 | (-0.65,2.76) | 0.0009936 |
| Type of skins | 4 | 11 | 11 | 12.411970 | (7.74,17.08) | 12.213030 | (7.69,16.73) | 0.1989394 | (-6.06,6.45) | 0.8310547 |
| Type of skins | 5 | 6 | 6 | 5.973333 | (0.85,11.1) | 3.107500 | (0.5,5.71) | 2.8658333 | (-1.08,6.81) | 0.1562500 |
| Type of skins | 6 | 4 | 4 | 11.142500 | (-9.02,31.31) | 2.407500 | (0.45,4.37) | 8.7350000 | (-10.55,28.02) | 0.2500000 |
| Stress index | 0 | 57 | 57 | 8.834222 | (7.15,10.52) | 6.501772 | (5.08,7.92) | 2.3324503 | (0.67,3.99) | 0.0000443 |
| Stress index | 1 | 18 | 18 | 11.015880 | (7.39,14.64) | 10.255278 | (6.28,14.24) | 0.7606019 | (-4.55,6.07) | 0.4682922 |
| Smoking | Do not smoke | 62 | 62 | 9.604105 | (8,11.21) | 8.076038 | (6.44,9.71) | 1.5280672 | (-0.39,3.44) | 0.0018524 |
| Smoking | Cigarettes, pipe tobacco… | 13 | 13 | 8.183231 | (3.3,13.07) | 4.190897 | (1.65,6.73) | 3.9923333 | (-0.39,8.37) | 0.0104980 |
| Hypertension | 0 | 54 | 54 | 10.389019 | (8.47,12.31) | 8.524167 | (6.68,10.37) | 1.8648519 | (-0.47,4.2) | 0.0025096 |
| Hypertension | 1 | 21 | 21 | 6.706167 | (4.65,8.76) | 4.518619 | (2.97,6.07) | 2.1875476 | (0.51,3.87) | 0.0113468 |
| BMI\_25\_30 | 1 | 42 | 42 | 7.952032 | (6.01,9.89) | 6.835476 | (4.7,8.97) | 1.1165556 | (-1.14,3.37) | 0.0093559 |
| BMI\_25\_30 | 2 | 26 | 26 | 11.148333 | (8.15,14.15) | 8.227820 | (5.79,10.66) | 2.9205128 | (-0.52,6.36) | 0.0140065 |
| BMI\_25\_30 | 3 | 7 | 7 | 11.142071 | (7.91,14.38) | 7.740381 | (5.94,9.54) | 3.4016905 | (-0.85,7.65) | 0.1093750 |
| Obesity | 0 | 68 | 68 | 9.174147 | (7.52,10.83) | 7.367843 | (5.78,8.95) | 1.8063039 | (-0.07,3.68) | 0.0004176 |
| Obesity | 1 | 7 | 7 | 11.142071 | (7.91,14.38) | 7.740381 | (5.94,9.54) | 3.4016905 | (-0.85,7.65) | 0.1093750 |
| All | 1 | 75 | 75 | 9.357820 | (7.84,10.88) | 7.402613 | (5.96,8.84) | 1.9552067 | (0.23,3.68) | 0.0001249 |

Đồ thị Forest plot theo biến POM 

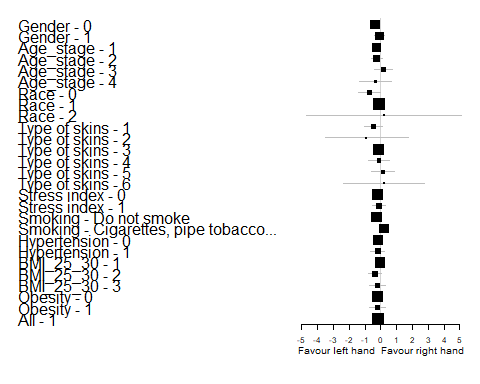
Bảng Ae theo các subgroup:

| Characteristic | Subgroup | N Ae\_right | N Ae\_left | Mean Ae\_right | CI\_95% Ae\_right | Mean Ae\_left | CI\_95% Ae\_left | Mean\_Diff | Diff\_CI\_95% | P\_Value |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Gender | 0 | 31 | 31 | 1.2738172 | (1.02,1.53) | 1.6583333 | (1.43,1.89) | -0.3845161 | (-0.66,-0.11) | 0.0080606 |
| Gender | 1 | 44 | 44 | 1.4415606 | (1.16,1.72) | 1.5162652 | (1.14,1.89) | -0.0747045 | (-0.41,0.26) | 0.5994543 |
| Age\_stage | 1 | 26 | 26 | 1.2639744 | (0.93,1.6) | 1.5325000 | (1.23,1.84) | -0.2685256 | (-0.6,0.06) | 0.0890290 |
| Age\_stage | 2 | 30 | 30 | 1.5125222 | (1.21,1.81) | 1.7597444 | (1.39,2.12) | -0.2472222 | (-0.61,0.12) | 0.2941338 |
| Age\_stage | 3 | 13 | 13 | 1.2010000 | (0.67,1.73) | 0.9714103 | (0.54,1.41) | 0.2295897 | (-0.24,0.7) | 0.2734375 |
| Age\_stage | 4 | 6 | 6 | 1.5108333 | (0.57,2.45) | 2.1430556 | (-0.09,4.38) | -0.6322222 | (-2.35,1.08) | 0.6875000 |
| Race | 0 | 11 | 11 | 1.5626364 | (1.01,2.11) | 2.4702121 | (1.56,3.38) | -0.9075758 | (-1.78,-0.04) | 0.0419922 |
| Race | 1 | 61 | 61 | 1.3286557 | (1.11,1.55) | 1.4242896 | (1.2,1.65) | -0.0956339 | (-0.31,0.12) | 0.5582661 |
| Race | 2 | 3 | 3 | 1.5600000 | (0.33,2.79) | 1.3566667 | (-1.35,4.06) | 0.2033333 | (-2.41,2.81) | 1.0000000 |
| Type of skins | 1 | 10 | 10 | 1.7754000 | (1.21,2.34) | 2.4479833 | (1.51,3.38) | -0.6725833 | (-1.59,0.25) | 0.1601562 |
| Type of skins | 2 | 4 | 4 | 1.1825000 | (-0.02,2.38) | 2.0050000 | (-0.1,4.11) | -0.8225000 | (-3.21,1.56) | 0.3750000 |
| Type of skins | 3 | 40 | 40 | 1.1565333 | (0.93,1.39) | 1.2607083 | (1,1.52) | -0.1041750 | (-0.36,0.15) | 0.7368407 |
| Type of skins | 4 | 11 | 11 | 1.7024242 | (1.15,2.26) | 2.0141667 | (1.52,2.51) | -0.3117424 | (-0.97,0.35) | 0.2402344 |
| Type of skins | 5 | 6 | 6 | 1.6708333 | (0.18,3.16) | 1.4283333 | (0.09,2.77) | 0.2425000 | (-0.77,1.26) | 0.6875000 |
| Type of skins | 6 | 4 | 4 | 1.3550000 | (0.44,2.27) | 1.1175000 | (-0.49,2.72) | 0.2375000 | (-1.13,1.61) | 0.8750000 |
| Stress index | 0 | 57 | 57 | 1.3136316 | (1.08,1.54) | 1.5716491 | (1.28,1.86) | -0.2580175 | (-0.53,0.01) | 0.1481662 |
| Stress index | 1 | 18 | 18 | 1.5577778 | (1.22,1.9) | 1.5855556 | (1.19,1.98) | -0.0277778 | (-0.41,0.35) | 0.9305833 |
| Smoking | Do not smoke | 62 | 62 | 1.4347419 | (1.23,1.64) | 1.7613817 | (1.5,2.02) | -0.3266398 | (-0.58,-0.07) | 0.0212703 |
| Smoking | Cigarettes, pipe tobacco… | 13 | 13 | 1.0740769 | (0.56,1.58) | 0.6860256 | (0.38,1) | 0.3880513 | (0.05,0.72) | 0.0545501 |
| Hypertension | 0 | 54 | 54 | 1.5272778 | (1.29,1.76) | 1.7141204 | (1.44,1.99) | -0.1868426 | (-0.46,0.09) | 0.3137403 |
| Hypertension | 1 | 21 | 21 | 0.9735238 | (0.69,1.25) | 1.2172143 | (0.76,1.67) | -0.2436905 | (-0.64,0.16) | 0.3944213 |
| BMI\_25\_30 | 1 | 42 | 42 | 1.4222937 | (1.13,1.71) | 1.4693254 | (1.16,1.78) | -0.0470317 | (-0.35,0.26) | 0.8807253 |
| BMI\_25\_30 | 2 | 26 | 26 | 1.1963462 | (0.93,1.46) | 1.6093269 | (1.18,2.04) | -0.4129808 | (-0.82,0) | 0.0940730 |
| BMI\_25\_30 | 3 | 7 | 7 | 1.7250952 | (1.06,2.39) | 2.0814048 | (1.07,3.1) | -0.3563095 | (-0.95,0.24) | 0.2187500 |
| Obesity | 0 | 68 | 68 | 1.3359020 | (1.13,1.54) | 1.5228554 | (1.28,1.77) | -0.1869534 | (-0.43,0.05) | 0.3222206 |
| Obesity | 1 | 7 | 7 | 1.7250952 | (1.06,2.39) | 2.0814048 | (1.07,3.1) | -0.3563095 | (-0.95,0.24) | 0.2187500 |
| All | 1 | 75 | 75 | 1.3722267 | (1.18,1.56) | 1.5749867 | (1.34,1.81) | -0.2027600 | (-0.43,0.02) | 0.1867793 |

Đồ thị Forest plot theo biến Ae 

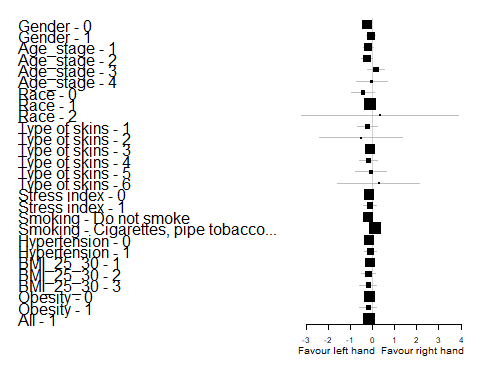
Bảng An theo các subgroup:

| Characteristic | Subgroup | N An\_right | N An\_left | Mean An\_right | CI\_95% An\_right | Mean An\_left | CI\_95% An\_left | Mean\_Diff | Diff\_CI\_95% | P\_Value |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Gender | 0 | 31 | 31 | 1.2481183 | (1,1.49) | 1.5940323 | (1.33,1.85) | -0.3459140 | (-0.59,-0.1) | 0.0135384 |
| Gender | 1 | 44 | 44 | 1.4019318 | (1.15,1.65) | 1.4827955 | (1.14,1.83) | -0.0808636 | (-0.38,0.21) | 0.5439436 |
| Age\_stage | 1 | 26 | 26 | 1.2549359 | (0.98,1.53) | 1.5180769 | (1.18,1.86) | -0.2631410 | (-0.54,0.01) | 0.1048203 |
| Age\_stage | 2 | 30 | 30 | 1.3908444 | (1.11,1.67) | 1.6481556 | (1.29,2.01) | -0.2573111 | (-0.61,0.1) | 0.3284699 |
| Age\_stage | 3 | 13 | 13 | 1.3010000 | (0.71,1.89) | 1.1316667 | (0.56,1.71) | 0.1693333 | (-0.4,0.74) | 0.4973145 |
| Age\_stage | 4 | 6 | 6 | 1.5183333 | (0.69,2.35) | 1.8386111 | (0.15,3.53) | -0.3202778 | (-1.32,0.68) | 0.6875000 |
| Race | 0 | 11 | 11 | 1.6138182 | (1.15,2.07) | 2.3337576 | (1.62,3.05) | -0.7199394 | (-1.39,-0.05) | 0.0419922 |
| Race | 1 | 61 | 61 | 1.2528634 | (1.06,1.45) | 1.3666667 | (1.15,1.58) | -0.1138033 | (-0.31,0.08) | 0.6328917 |
| Race | 2 | 3 | 3 | 2.0666667 | (-0.32,4.45) | 1.8733333 | (-2.77,6.52) | 0.1933333 | (-4.7,5.08) | 1.0000000 |
| Type of skins | 1 | 10 | 10 | 1.8177000 | (1.36,2.27) | 2.2774667 | (1.62,2.93) | -0.4597667 | (-1.05,0.13) | 0.1308594 |
| Type of skins | 2 | 4 | 4 | 1.2650000 | (0.13,2.4) | 2.1725000 | (-0.13,4.48) | -0.9075000 | (-3.54,1.72) | 0.3750000 |
| Type of skins | 3 | 40 | 40 | 1.0847833 | (0.89,1.28) | 1.2505833 | (1,1.5) | -0.1658000 | (-0.38,0.04) | 0.1969039 |
| Type of skins | 4 | 11 | 11 | 1.6439394 | (1.09,2.2) | 1.7468182 | (1.16,2.33) | -0.1028788 | (-0.76,0.56) | 0.8310547 |
| Type of skins | 5 | 6 | 6 | 1.4775000 | (0.31,2.65) | 1.3291667 | (0.22,2.44) | 0.1483333 | (-0.6,0.89) | 0.6875000 |
| Type of skins | 6 | 4 | 4 | 1.7000000 | (-0.01,3.41) | 1.4950000 | (-1.22,4.21) | 0.2050000 | (-2.35,2.76) | 0.8750000 |
| Stress index | 0 | 57 | 57 | 1.2948830 | (1.09,1.5) | 1.5111930 | (1.25,1.78) | -0.2163099 | (-0.45,0.02) | 0.1448508 |
| Stress index | 1 | 18 | 18 | 1.4760185 | (1.11,1.84) | 1.5844444 | (1.12,2.05) | -0.1084259 | (-0.5,0.28) | 0.8317261 |
| Smoking | Do not smoke | 62 | 62 | 1.3915108 | (1.2,1.58) | 1.6667151 | (1.42,1.91) | -0.2752043 | (-0.51,-0.04) | 0.0476309 |
| Smoking | Cigarettes, pipe tobacco… | 13 | 13 | 1.0848462 | (0.57,1.6) | 0.8708974 | (0.42,1.32) | 0.2139487 | (-0.04,0.47) | 0.1156290 |
| Hypertension | 0 | 54 | 54 | 1.4712901 | (1.26,1.68) | 1.6598148 | (1.41,1.91) | -0.1885247 | (-0.42,0.04) | 0.1696459 |
| Hypertension | 1 | 21 | 21 | 0.9965238 | (0.71,1.29) | 1.1918095 | (0.7,1.68) | -0.1952857 | (-0.63,0.24) | 0.8212467 |
| BMI\_25\_30 | 1 | 42 | 42 | 1.3422540 | (1.09,1.6) | 1.4198016 | (1.14,1.7) | -0.0775476 | (-0.32,0.16) | 0.5864929 |
| BMI\_25\_30 | 2 | 26 | 26 | 1.2500000 | (0.97,1.53) | 1.6146795 | (1.17,2.06) | -0.3646795 | (-0.79,0.06) | 0.2578226 |
| BMI\_25\_30 | 3 | 7 | 7 | 1.6431429 | (1.01,2.28) | 1.8635238 | (0.96,2.77) | -0.2203810 | (-0.73,0.29) | 0.4687500 |
| Obesity | 0 | 68 | 68 | 1.3069804 | (1.12,1.49) | 1.4943137 | (1.26,1.73) | -0.1873333 | (-0.4,0.03) | 0.2647851 |
| Obesity | 1 | 7 | 7 | 1.6431429 | (1.01,2.28) | 1.8635238 | (0.96,2.77) | -0.2203810 | (-0.73,0.29) | 0.4687500 |
| All | 1 | 75 | 75 | 1.3383556 | (1.16,1.51) | 1.5287733 | (1.3,1.75) | -0.1904178 | (-0.39,0.01) | 0.1824162 |

Đồ thị Forest plot theo biến An 

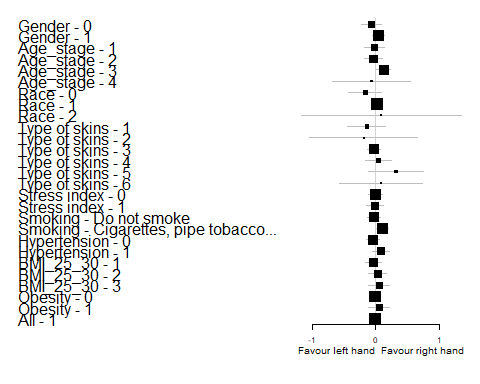
Bảng Am theo các subgroup:

| Characteristic | Subgroup | N Am\_right | N Am\_left | Mean Am\_right | CI\_95% Am\_right | Mean Am\_left | CI\_95% Am\_left | Mean\_Diff | Diff\_CI\_95% | P\_Value |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Gender | 0 | 31 | 31 | 1.0274462 | (0.8,1.25) | 1.2763441 | (1.07,1.49) | -0.2488978 | (-0.44,-0.06) | 0.0267897 |
| Gender | 1 | 44 | 44 | 1.1082197 | (0.92,1.29) | 1.1787500 | (0.92,1.44) | -0.0705303 | (-0.29,0.15) | 0.6532108 |
| Age\_stage | 1 | 26 | 26 | 1.0476923 | (0.81,1.29) | 1.2450000 | (0.98,1.51) | -0.1973077 | (-0.42,0.03) | 0.1243664 |
| Age\_stage | 2 | 30 | 30 | 1.0886944 | (0.86,1.31) | 1.3386667 | (1.05,1.63) | -0.2499722 | (-0.51,0.01) | 0.1746077 |
| Age\_stage | 3 | 13 | 13 | 1.0203846 | (0.56,1.48) | 0.8626923 | (0.47,1.26) | 0.1576923 | (-0.23,0.55) | 0.4548340 |
| Age\_stage | 4 | 6 | 6 | 1.2411111 | (0.68,1.8) | 1.2811111 | (0.19,2.37) | -0.0400000 | (-0.74,0.66) | 0.5625000 |
| Race | 0 | 11 | 11 | 1.2556061 | (0.93,1.58) | 1.6918182 | (1.2,2.18) | -0.4362121 | (-0.96,0.08) | 0.1015625 |
| Race | 1 | 61 | 61 | 1.0159153 | (0.86,1.17) | 1.1311749 | (0.95,1.31) | -0.1152596 | (-0.26,0.03) | 0.4770212 |
| Race | 2 | 3 | 3 | 1.6100000 | (-0.49,3.71) | 1.2733333 | (-1.44,3.99) | 0.3366667 | (-3.19,3.87) | 0.7500000 |
| Type of skins | 1 | 10 | 10 | 1.3569167 | (1.05,1.66) | 1.5849167 | (1.1,2.07) | -0.2280000 | (-0.67,0.22) | 0.3750000 |
| Type of skins | 2 | 4 | 4 | 1.1625000 | (0.24,2.08) | 1.6800000 | (0.18,3.18) | -0.5175000 | (-2.39,1.35) | 0.6250000 |
| Type of skins | 3 | 40 | 40 | 0.8827500 | (0.71,1.06) | 1.0115833 | (0.79,1.23) | -0.1288333 | (-0.31,0.05) | 0.3006674 |
| Type of skins | 4 | 11 | 11 | 1.3680303 | (0.88,1.85) | 1.5476515 | (1.16,1.94) | -0.1796212 | (-0.59,0.23) | 0.7001953 |
| Type of skins | 5 | 6 | 6 | 1.1158333 | (0.35,1.88) | 1.1908333 | (0.14,2.24) | -0.0750000 | (-0.78,0.63) | 1.0000000 |
| Type of skins | 6 | 4 | 4 | 1.3350000 | (-0.07,2.74) | 1.0575000 | (-0.52,2.63) | 0.2775000 | (-1.58,2.13) | 0.6250000 |
| Stress index | 0 | 57 | 57 | 1.0297661 | (0.87,1.19) | 1.1838889 | (0.98,1.39) | -0.1541228 | (-0.33,0.03) | 0.2711473 |
| Stress index | 1 | 18 | 18 | 1.2175463 | (0.88,1.55) | 1.3305556 | (1.01,1.65) | -0.1130093 | (-0.4,0.17) | 0.6094589 |
| Smoking | Do not smoke | 62 | 62 | 1.1246371 | (0.97,1.28) | 1.3223656 | (1.13,1.51) | -0.1977285 | (-0.37,-0.02) | 0.0760915 |
| Smoking | Cigarettes, pipe tobacco… | 13 | 13 | 0.8373077 | (0.46,1.22) | 0.7265385 | (0.37,1.09) | 0.1107692 | (-0.04,0.26) | 0.3054199 |
| Hypertension | 0 | 54 | 54 | 1.1895370 | (1.01,1.36) | 1.3532253 | (1.16,1.55) | -0.1636883 | (-0.34,0.02) | 0.1468220 |
| Hypertension | 1 | 21 | 21 | 0.7798810 | (0.59,0.97) | 0.8741667 | (0.54,1.2) | -0.0942857 | (-0.38,0.19) | 0.8381939 |
| BMI\_25\_30 | 1 | 42 | 42 | 1.0641667 | (0.86,1.26) | 1.1743254 | (0.95,1.4) | -0.1101587 | (-0.3,0.08) | 0.2711870 |
| BMI\_25\_30 | 2 | 26 | 26 | 1.0910897 | (0.84,1.35) | 1.2771474 | (0.93,1.62) | -0.1860577 | (-0.5,0.13) | 0.6348496 |
| BMI\_25\_30 | 3 | 7 | 7 | 1.0784524 | (0.71,1.45) | 1.2720238 | (0.78,1.77) | -0.1935714 | (-0.57,0.18) | 0.4687500 |
| Obesity | 0 | 68 | 68 | 1.0744608 | (0.92,1.23) | 1.2136397 | (1.03,1.4) | -0.1391789 | (-0.3,0.02) | 0.3177683 |
| Obesity | 1 | 7 | 7 | 1.0784524 | (0.71,1.45) | 1.2720238 | (0.78,1.77) | -0.1935714 | (-0.57,0.18) | 0.4687500 |
| All | 1 | 75 | 75 | 1.0748333 | (0.93,1.22) | 1.2190889 | (1.05,1.39) | -0.1442556 | (-0.29,0) | 0.2136535 |

Đồ thị Forest plot theo biến Am 

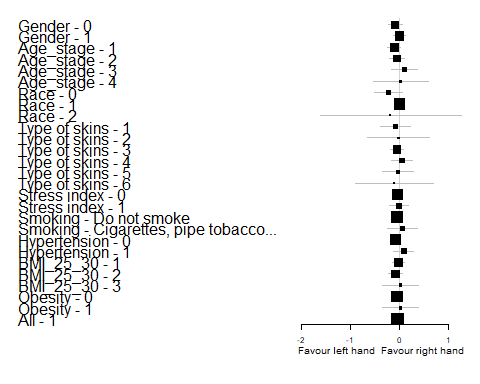
Bảng Ar theo các subgroup:

| Characteristic | Subgroup | N Ar\_right | N Ar\_left | Mean Ar\_right | CI\_95% Ar\_right | Mean Ar\_left | CI\_95% Ar\_left | Mean\_Diff | Diff\_CI\_95% | P\_Value |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Gender | 0 | 31 | 31 | 0.6700000 | (0.55,0.79) | 0.7418011 | (0.62,0.86) | -0.0718011 | (-0.23,0.09) | 0.3369043 |
| Gender | 1 | 44 | 44 | 0.6885758 | (0.6,0.77) | 0.6502045 | (0.54,0.76) | 0.0383712 | (-0.06,0.14) | 0.0571290 |
| Age\_stage | 1 | 26 | 26 | 0.6694231 | (0.53,0.81) | 0.6946154 | (0.58,0.81) | -0.0251923 | (-0.18,0.13) | 0.5590854 |
| Age\_stage | 2 | 30 | 30 | 0.6721333 | (0.58,0.77) | 0.7083833 | (0.57,0.84) | -0.0362500 | (-0.17,0.1) | 0.6070872 |
| Age\_stage | 3 | 13 | 13 | 0.6776923 | (0.45,0.9) | 0.5543590 | (0.37,0.74) | 0.1233333 | (0.01,0.23) | 0.0327148 |
| Age\_stage | 4 | 6 | 6 | 0.7813889 | (0.57,1) | 0.8477778 | (0.21,1.49) | -0.0663889 | (-0.68,0.54) | 0.8437500 |
| Race | 0 | 11 | 11 | 0.7183939 | (0.63,0.81) | 0.8856667 | (0.62,1.15) | -0.1672727 | (-0.43,0.09) | 0.1748047 |
| Race | 1 | 61 | 61 | 0.6666393 | (0.58,0.75) | 0.6497131 | (0.56,0.74) | 0.0169262 | (-0.08,0.11) | 0.2087382 |
| Race | 2 | 3 | 3 | 0.8333333 | (0.11,1.56) | 0.7433333 | (0.08,1.4) | 0.0900000 | (-1.16,1.34) | 0.7500000 |
| Type of skins | 1 | 10 | 10 | 0.7297333 | (0.64,0.82) | 0.8713167 | (0.56,1.18) | -0.1415833 | (-0.44,0.16) | 0.4316406 |
| Type of skins | 2 | 4 | 4 | 0.7125000 | (0.28,1.14) | 0.9050000 | (0.18,1.63) | -0.1925000 | (-1.04,0.66) | 1.0000000 |
| Type of skins | 3 | 40 | 40 | 0.5547500 | (0.48,0.63) | 0.5815833 | (0.48,0.68) | -0.0268333 | (-0.13,0.08) | 0.9303724 |
| Type of skins | 4 | 11 | 11 | 0.9190909 | (0.73,1.11) | 0.8739394 | (0.68,1.07) | 0.0451515 | (-0.16,0.25) | 0.8310547 |
| Type of skins | 5 | 6 | 6 | 0.9283333 | (0.39,1.47) | 0.6108333 | (0.28,0.94) | 0.3175000 | (-0.11,0.75) | 0.1562500 |
| Type of skins | 6 | 4 | 4 | 0.7625000 | (0.32,1.2) | 0.6825000 | (0.29,1.08) | 0.0800000 | (-0.58,0.74) | 0.6250000 |
| Stress index | 0 | 57 | 57 | 0.6569708 | (0.57,0.74) | 0.6624971 | (0.56,0.76) | -0.0055263 | (-0.11,0.1) | 0.3864562 |
| Stress index | 1 | 18 | 18 | 0.7566667 | (0.64,0.87) | 0.7690278 | (0.64,0.9) | -0.0123611 | (-0.15,0.13) | 0.9322815 |
| Smoking | Do not smoke | 62 | 62 | 0.7030215 | (0.63,0.78) | 0.7344866 | (0.64,0.82) | -0.0314651 | (-0.13,0.07) | 0.9608566 |
| Smoking | Cigarettes, pipe tobacco… | 13 | 13 | 0.5753846 | (0.38,0.77) | 0.4666667 | (0.31,0.63) | 0.1087179 | (0.01,0.2) | 0.0327148 |
| Hypertension | 0 | 54 | 54 | 0.7165432 | (0.63,0.8) | 0.7584877 | (0.67,0.85) | -0.0419444 | (-0.15,0.06) | 0.6235675 |
| Hypertension | 1 | 21 | 21 | 0.5892381 | (0.47,0.71) | 0.5069762 | (0.35,0.66) | 0.0822619 | (-0.06,0.22) | 0.0325234 |
| BMI\_25\_30 | 1 | 42 | 42 | 0.6288095 | (0.54,0.72) | 0.6694048 | (0.55,0.79) | -0.0405952 | (-0.17,0.09) | 0.8905963 |
| BMI\_25\_30 | 2 | 26 | 26 | 0.7613462 | (0.63,0.9) | 0.7308333 | (0.6,0.86) | 0.0305128 | (-0.11,0.17) | 0.5089967 |
| BMI\_25\_30 | 3 | 7 | 7 | 0.6946190 | (0.55,0.84) | 0.6411667 | (0.46,0.82) | 0.0534524 | (-0.11,0.22) | 0.5781250 |
| Obesity | 0 | 68 | 68 | 0.6794853 | (0.6,0.76) | 0.6928922 | (0.6,0.78) | -0.0134069 | (-0.11,0.08) | 0.6163202 |
| Obesity | 1 | 7 | 7 | 0.6946190 | (0.55,0.84) | 0.6411667 | (0.46,0.82) | 0.0534524 | (-0.11,0.22) | 0.5781250 |
| All | 1 | 75 | 75 | 0.6808978 | (0.61,0.75) | 0.6880644 | (0.61,0.77) | -0.0071667 | (-0.09,0.08) | 0.4974063 |

Đồ thị Forest plot theo biến Ar 

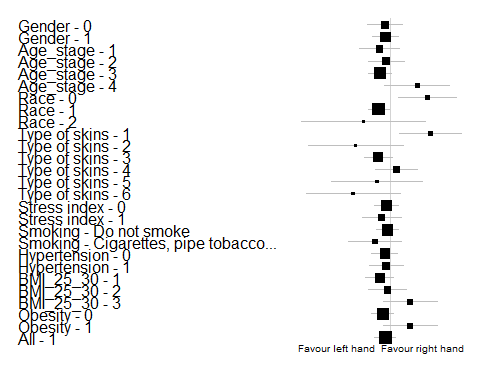
Bảng Ac theo các subgroup:

| Characteristic | Subgroup | N Ac\_right | N Ac\_left | Mean Ac\_right | CI\_95% Ac\_right | Mean Ac\_left | CI\_95% Ac\_left | Mean\_Diff | Diff\_CI\_95% | P\_Value |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Gender | 0 | 31 | 31 | 0.8793548 | (0.74,1.02) | 0.9726344 | (0.81,1.14) | -0.0932796 | (-0.24,0.05) | 0.2319238 |
| Gender | 1 | 44 | 44 | 0.9059697 | (0.77,1.04) | 0.9135909 | (0.79,1.04) | -0.0076212 | (-0.12,0.11) | 0.8610102 |
| Age\_stage | 1 | 26 | 26 | 0.8508333 | (0.68,1.02) | 0.9665385 | (0.77,1.17) | -0.1157051 | (-0.24,0.01) | 0.0841973 |
| Age\_stage | 2 | 30 | 30 | 0.9003333 | (0.79,1.01) | 0.9538778 | (0.82,1.09) | -0.0535444 | (-0.2,0.1) | 0.6970815 |
| Age\_stage | 3 | 13 | 13 | 0.8823846 | (0.52,1.24) | 0.7846154 | (0.54,1.03) | 0.0977692 | (-0.16,0.36) | 0.8393555 |
| Age\_stage | 4 | 6 | 6 | 1.0866667 | (0.48,1.69) | 1.0672222 | (0.71,1.43) | 0.0194444 | (-0.54,0.58) | 1.0000000 |
| Race | 0 | 11 | 11 | 1.0254545 | (0.72,1.33) | 1.2507273 | (0.99,1.51) | -0.2252727 | (-0.52,0.07) | 0.0665457 |
| Race | 1 | 61 | 61 | 0.8590601 | (0.75,0.97) | 0.8621585 | (0.76,0.96) | -0.0030984 | (-0.1,0.09) | 0.9856729 |
| Race | 2 | 3 | 3 | 1.1466667 | (0.84,1.46) | 1.3333333 | (-0.39,3.05) | -0.1866667 | (-1.63,1.25) | 0.7500000 |
| Type of skins | 1 | 10 | 10 | 1.1060000 | (0.75,1.46) | 1.1916333 | (1.01,1.37) | -0.0856333 | (-0.39,0.22) | 0.4069412 |
| Type of skins | 2 | 4 | 4 | 0.8275000 | (0.48,1.17) | 0.8525000 | (0.52,1.18) | -0.0250000 | (-0.66,0.61) | 0.6250000 |
| Type of skins | 3 | 40 | 40 | 0.7703167 | (0.64,0.9) | 0.8237917 | (0.69,0.96) | -0.0534750 | (-0.18,0.08) | 0.4720485 |
| Type of skins | 4 | 11 | 11 | 1.1536364 | (0.9,1.4) | 1.1083333 | (0.82,1.39) | 0.0453030 | (-0.18,0.27) | 0.7001953 |
| Type of skins | 5 | 6 | 6 | 0.8500000 | (0.43,1.27) | 0.8816667 | (0.5,1.26) | -0.0316667 | (-0.35,0.28) | 0.8437500 |
| Type of skins | 6 | 4 | 4 | 1.0375000 | (0.65,1.42) | 1.1475000 | (0.07,2.22) | -0.1100000 | (-0.9,0.68) | 0.8750000 |
| Stress index | 0 | 57 | 57 | 0.8660702 | (0.75,0.99) | 0.9168363 | (0.8,1.03) | -0.0507661 | (-0.15,0.05) | 0.2945512 |
| Stress index | 1 | 18 | 18 | 0.9864815 | (0.84,1.14) | 1.0050000 | (0.79,1.22) | -0.0185185 | (-0.21,0.17) | 0.9479025 |
| Smoking | Do not smoke | 62 | 62 | 0.9203495 | (0.82,1.02) | 0.9835430 | (0.87,1.09) | -0.0631935 | (-0.16,0.03) | 0.2861257 |
| Smoking | Cigarettes, pipe tobacco… | 13 | 13 | 0.7739231 | (0.43,1.12) | 0.7207692 | (0.53,0.91) | 0.0531538 | (-0.25,0.35) | 1.0000000 |
| Hypertension | 0 | 54 | 54 | 0.9395864 | (0.84,1.04) | 1.0301235 | (0.92,1.14) | -0.0905370 | (-0.19,0.01) | 0.0969277 |
| Hypertension | 1 | 21 | 21 | 0.7802381 | (0.55,1.01) | 0.7010952 | (0.54,0.86) | 0.0791429 | (-0.12,0.28) | 0.2722101 |
| BMI\_25\_30 | 1 | 42 | 42 | 0.8603016 | (0.72,1) | 0.8861111 | (0.76,1.02) | -0.0258095 | (-0.16,0.11) | 0.7450970 |
| BMI\_25\_30 | 2 | 26 | 26 | 0.9360897 | (0.78,1.1) | 1.0225641 | (0.84,1.2) | -0.0864744 | (-0.22,0.05) | 0.2158207 |
| BMI\_25\_30 | 3 | 7 | 7 | 0.9502381 | (0.62,1.28) | 0.9351905 | (0.6,1.27) | 0.0150476 | (-0.36,0.39) | 0.9375000 |
| Obesity | 0 | 68 | 68 | 0.8892794 | (0.78,0.99) | 0.9382843 | (0.83,1.04) | -0.0490049 | (-0.14,0.04) | 0.2997541 |
| Obesity | 1 | 7 | 7 | 0.9502381 | (0.62,1.28) | 0.9351905 | (0.6,1.27) | 0.0150476 | (-0.36,0.39) | 0.9375000 |
| All | 1 | 75 | 75 | 0.8949689 | (0.8,0.99) | 0.9379956 | (0.84,1.03) | -0.0430267 | (-0.13,0.05) | 0.3583386 |

Đồ thị Forest plot theo biến Ac 

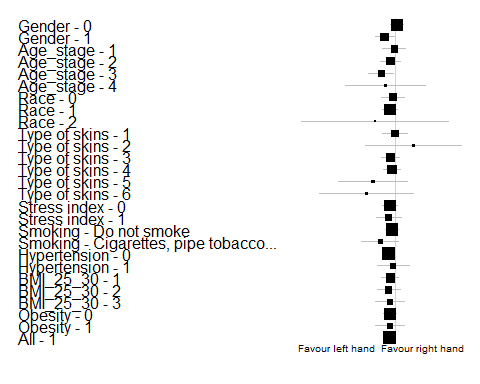
Bảng F\_Ae theo các subgroup:

| Characteristic | Subgroup | N F\_Ae\_right | N F\_Ae\_left | Mean F\_Ae\_right | CI\_95% F\_Ae\_right | Mean F\_Ae\_left | CI\_95% F\_Ae\_left | Mean\_Diff | Diff\_CI\_95% | P\_Value |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Gender | 0 | 31 | 31 | 0.0146075 | (0.01,0.02) | 0.0151586 | (0.01,0.02) | -0.0005511 | (0,0) | 0.5270144 |
| Gender | 1 | 44 | 44 | 0.0148311 | (0.01,0.02) | 0.0153280 | (0.01,0.02) | -0.0004970 | (0,0) | 0.5209040 |
| Age\_stage | 1 | 26 | 26 | 0.0143013 | (0.01,0.02) | 0.0154038 | (0.01,0.02) | -0.0011026 | (0,0) | 0.2623894 |
| Age\_stage | 2 | 30 | 30 | 0.0147044 | (0.01,0.02) | 0.0151339 | (0.01,0.02) | -0.0004294 | (0,0) | 0.6467779 |
| Age\_stage | 3 | 13 | 13 | 0.0146231 | (0.01,0.02) | 0.0156667 | (0.01,0.02) | -0.0010436 | (0,0) | 0.1252935 |
| Age\_stage | 4 | 6 | 6 | 0.0170556 | (0.01,0.02) | 0.0143611 | (0.01,0.02) | 0.0026944 | (0,0.01) | 0.1056454 |
| Race | 0 | 11 | 11 | 0.0182848 | (0.02,0.02) | 0.0145697 | (0.01,0.02) | 0.0037152 | (0,0.01) | 0.0328159 |
| Race | 1 | 61 | 61 | 0.0142011 | (0.01,0.02) | 0.0153784 | (0.01,0.02) | -0.0011773 | (0,0) | 0.0639557 |
| Race | 2 | 3 | 3 | 0.0126667 | (0.01,0.02) | 0.0153333 | (0.01,0.02) | -0.0026667 | (-0.01,0) | 0.3710934 |
| Type of skins | 1 | 10 | 10 | 0.0178133 | (0.02,0.02) | 0.0138017 | (0.01,0.02) | 0.0040117 | (0,0.01) | 0.0328159 |
| Type of skins | 2 | 4 | 4 | 0.0155000 | (0.01,0.02) | 0.0190000 | (0.02,0.02) | -0.0035000 | (-0.01,0) | 0.1735682 |
| Type of skins | 3 | 40 | 40 | 0.0141608 | (0.01,0.02) | 0.0153792 | (0.01,0.02) | -0.0012183 | (0,0) | 0.1465522 |
| Type of skins | 4 | 11 | 11 | 0.0148939 | (0.01,0.02) | 0.0142879 | (0.01,0.02) | 0.0006061 | (0,0) | 0.5286121 |
| Type of skins | 5 | 6 | 6 | 0.0143333 | (0.01,0.02) | 0.0156667 | (0.01,0.02) | -0.0013333 | (-0.01,0) | 0.5896386 |
| Type of skins | 6 | 4 | 4 | 0.0122500 | (0.01,0.02) | 0.0160000 | (0.01,0.02) | -0.0037500 | (-0.01,0) | 0.1814492 |
| Stress index | 0 | 57 | 57 | 0.0148433 | (0.01,0.02) | 0.0152474 | (0.01,0.02) | -0.0004041 | (0,0) | 0.4617646 |
| Stress index | 1 | 18 | 18 | 0.0144074 | (0.01,0.02) | 0.0152917 | (0.01,0.02) | -0.0008843 | (0,0) | 0.3074491 |
| Smoking | Do not smoke | 62 | 62 | 0.0146984 | (0.01,0.02) | 0.0149949 | (0.01,0.02) | -0.0002965 | (0,0) | 0.6359656 |
| Smoking | Cigarettes, pipe tobacco… | 13 | 13 | 0.0149308 | (0.01,0.02) | 0.0165128 | (0.01,0.02) | -0.0015821 | (0,0) | 0.1921272 |
| Hypertension | 0 | 54 | 54 | 0.0147889 | (0.01,0.02) | 0.0153519 | (0.01,0.02) | -0.0005630 | (0,0) | 0.4872385 |
| Hypertension | 1 | 21 | 21 | 0.0146095 | (0.01,0.02) | 0.0150167 | (0.01,0.02) | -0.0004071 | (0,0) | 0.6489681 |
| BMI\_25\_30 | 1 | 42 | 42 | 0.0143635 | (0.01,0.02) | 0.0154484 | (0.01,0.02) | -0.0010849 | (0,0) | 0.1720396 |
| BMI\_25\_30 | 2 | 26 | 26 | 0.0149295 | (0.01,0.02) | 0.0152115 | (0.01,0.02) | -0.0002821 | (0,0) | 0.6844019 |
| BMI\_25\_30 | 3 | 7 | 7 | 0.0162810 | (0.01,0.02) | 0.0142881 | (0.01,0.02) | 0.0019929 | (0,0) | 0.1775299 |
| Obesity | 0 | 68 | 68 | 0.0145799 | (0.01,0.02) | 0.0153578 | (0.01,0.02) | -0.0007779 | (0,0) | 0.1803704 |
| Obesity | 1 | 7 | 7 | 0.0162810 | (0.01,0.02) | 0.0142881 | (0.01,0.02) | 0.0019929 | (0,0) | 0.1775299 |
| All | 1 | 75 | 75 | 0.0147387 | (0.01,0.02) | 0.0152580 | (0.01,0.02) | -0.0005193 | (0,0) | 0.3608340 |

Đồ thị Forest plot theo biến F\_Ae 

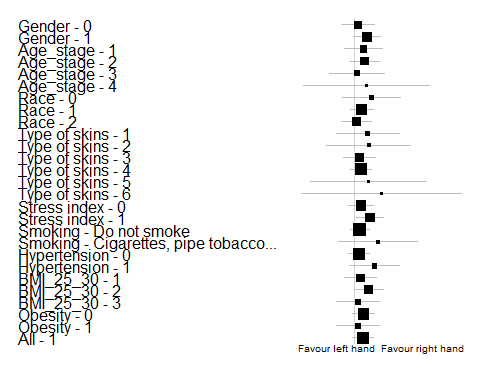
Bảng F\_An theo các subgroup:

| Characteristic | Subgroup | N F\_An\_right | N F\_An\_left | Mean F\_An\_right | CI\_95% F\_An\_right | Mean F\_An\_left | CI\_95% F\_An\_left | Mean\_Diff | Diff\_CI\_95% | P\_Value |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Gender | 0 | 31 | 31 | 0.0344140 | (0.03,0.04) | 0.0336478 | (0.03,0.04) | 0.0007661 | (0,0) | 0.2942199 |
| Gender | 1 | 44 | 44 | 0.0313795 | (0.03,0.03) | 0.0374083 | (0.03,0.04) | -0.0060288 | (-0.01,0) | 0.0231586 |
| Age\_stage | 1 | 26 | 26 | 0.0371603 | (0.03,0.04) | 0.0377308 | (0.03,0.04) | -0.0005705 | (-0.01,0.01) | 0.8710221 |
| Age\_stage | 2 | 30 | 30 | 0.0307389 | (0.03,0.03) | 0.0335961 | (0.03,0.04) | -0.0028572 | (-0.01,0) | 0.2861005 |
| Age\_stage | 3 | 13 | 13 | 0.0274385 | (0.02,0.03) | 0.0356282 | (0.03,0.04) | -0.0081897 | (-0.02,0) | 0.0261572 |
| Age\_stage | 4 | 6 | 6 | 0.0337500 | (0.02,0.05) | 0.0395000 | (0.02,0.05) | -0.0057500 | (-0.03,0.02) | 0.4618380 |
| Race | 0 | 11 | 11 | 0.0289545 | (0.02,0.03) | 0.0303000 | (0.03,0.03) | -0.0013455 | (-0.01,0.01) | 0.5286121 |
| Race | 1 | 61 | 61 | 0.0333284 | (0.03,0.04) | 0.0364713 | (0.03,0.04) | -0.0031429 | (-0.01,0) | 0.2087826 |
| Race | 2 | 3 | 3 | 0.0320000 | (0.02,0.04) | 0.0436667 | (0.01,0.08) | -0.0116667 | (-0.05,0.03) | 0.3710934 |
| Type of skins | 1 | 10 | 10 | 0.0304000 | (0.03,0.04) | 0.0306050 | (0.03,0.03) | -0.0002050 | (-0.01,0.01) | 0.8336349 |
| Type of skins | 2 | 4 | 4 | 0.0385000 | (0.01,0.07) | 0.0282500 | (0.01,0.05) | 0.0102500 | (-0.02,0.04) | 0.1814492 |
| Type of skins | 3 | 40 | 40 | 0.0321467 | (0.03,0.04) | 0.0350667 | (0.03,0.04) | -0.0029200 | (-0.01,0) | 0.3089761 |
| Type of skins | 4 | 11 | 11 | 0.0356970 | (0.03,0.04) | 0.0375758 | (0.03,0.04) | -0.0018788 | (-0.01,0) | 0.5334924 |
| Type of skins | 5 | 6 | 6 | 0.0313333 | (0.02,0.04) | 0.0441667 | (0.03,0.06) | -0.0128333 | (-0.03,0.01) | 0.1562500 |
| Type of skins | 6 | 4 | 4 | 0.0307500 | (0.02,0.04) | 0.0472500 | (0.03,0.07) | -0.0165000 | (-0.04,0.01) | 0.1735682 |
| Stress index | 0 | 57 | 57 | 0.0320766 | (0.03,0.03) | 0.0351193 | (0.03,0.04) | -0.0030427 | (-0.01,0) | 0.1206924 |
| Stress index | 1 | 18 | 18 | 0.0343981 | (0.03,0.04) | 0.0381806 | (0.03,0.05) | -0.0037824 | (-0.01,0) | 0.8159723 |
| Smoking | Do not smoke | 62 | 62 | 0.0330618 | (0.03,0.04) | 0.0351110 | (0.03,0.04) | -0.0020492 | (-0.01,0) | 0.3544968 |
| Smoking | Cigarettes, pipe tobacco… | 13 | 13 | 0.0305923 | (0.02,0.04) | 0.0393974 | (0.03,0.05) | -0.0088051 | (-0.02,0) | 0.1222158 |
| Hypertension | 0 | 54 | 54 | 0.0324543 | (0.03,0.04) | 0.0364630 | (0.03,0.04) | -0.0040086 | (-0.01,0) | 0.1088763 |
| Hypertension | 1 | 21 | 21 | 0.0330952 | (0.03,0.04) | 0.0342881 | (0.03,0.04) | -0.0011929 | (-0.01,0.01) | 0.6629720 |
| BMI\_25\_30 | 1 | 42 | 42 | 0.0324294 | (0.03,0.04) | 0.0352976 | (0.03,0.04) | -0.0028683 | (-0.01,0) | 0.3176760 |
| BMI\_25\_30 | 2 | 26 | 26 | 0.0333269 | (0.03,0.04) | 0.0371538 | (0.03,0.04) | -0.0038269 | (-0.01,0) | 0.2801508 |
| BMI\_25\_30 | 3 | 7 | 7 | 0.0312857 | (0.02,0.04) | 0.0343643 | (0.02,0.05) | -0.0030786 | (-0.01,0.01) | 0.6875000 |
| Obesity | 0 | 68 | 68 | 0.0327725 | (0.03,0.04) | 0.0360074 | (0.03,0.04) | -0.0032348 | (-0.01,0) | 0.1310633 |
| Obesity | 1 | 7 | 7 | 0.0312857 | (0.02,0.04) | 0.0343643 | (0.02,0.05) | -0.0030786 | (-0.01,0.01) | 0.6875000 |
| All | 1 | 75 | 75 | 0.0326338 | (0.03,0.04) | 0.0358540 | (0.03,0.04) | -0.0032202 | (-0.01,0) | 0.0982323 |

Đồ thị Forest plot theo biến F\_An 

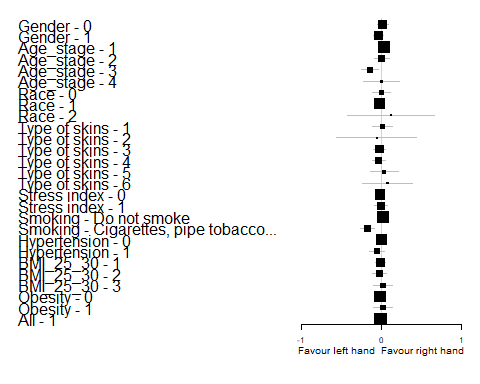
Bảng F\_Am theo các subgroup:

| Characteristic | Subgroup | N F\_Am\_right | N F\_Am\_left | Mean F\_Am\_right | CI\_95% F\_Am\_right | Mean F\_Am\_left | CI\_95% F\_Am\_left | Mean\_Diff | Diff\_CI\_95% | P\_Value |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Gender | 0 | 31 | 31 | 0.0841452 | (0.07,0.1) | 0.0809919 | (0.07,0.09) | 0.0031532 | (-0.01,0.02) | 0.6373347 |
| Gender | 1 | 44 | 44 | 0.0879409 | (0.08,0.1) | 0.0751674 | (0.07,0.08) | 0.0127735 | (0,0.03) | 0.2071704 |
| Age\_stage | 1 | 26 | 26 | 0.0896731 | (0.07,0.11) | 0.0802308 | (0.07,0.09) | 0.0094423 | (-0.01,0.03) | 0.6319003 |
| Age\_stage | 2 | 30 | 30 | 0.0839844 | (0.07,0.1) | 0.0736983 | (0.06,0.08) | 0.0102861 | (-0.01,0.03) | 0.1700888 |
| Age\_stage | 3 | 13 | 13 | 0.0822846 | (0.06,0.1) | 0.0798590 | (0.06,0.1) | 0.0024256 | (-0.03,0.03) | 0.8240126 |
| Age\_stage | 4 | 6 | 6 | 0.0928611 | (0.04,0.15) | 0.0805000 | (0.05,0.11) | 0.0123611 | (-0.05,0.08) | 0.9162824 |
| Race | 0 | 11 | 11 | 0.0866697 | (0.06,0.11) | 0.0691091 | (0.06,0.08) | 0.0175606 | (-0.01,0.05) | 0.3589514 |
| Race | 1 | 61 | 61 | 0.0874186 | (0.08,0.1) | 0.0798675 | (0.07,0.09) | 0.0075511 | (0,0.02) | 0.3797405 |
| Race | 2 | 3 | 3 | 0.0640000 | (0.05,0.08) | 0.0620000 | (0.06,0.07) | 0.0020000 | (-0.01,0.02) | 1.0000000 |
| Type of skins | 1 | 10 | 10 | 0.0830367 | (0.05,0.11) | 0.0695200 | (0.06,0.08) | 0.0135167 | (-0.02,0.05) | 0.7695312 |
| Type of skins | 2 | 4 | 4 | 0.0780000 | (0.03,0.13) | 0.0632500 | (0.06,0.07) | 0.0147500 | (-0.03,0.06) | 0.3710934 |
| Type of skins | 3 | 40 | 40 | 0.0869800 | (0.08,0.1) | 0.0820917 | (0.07,0.09) | 0.0048883 | (-0.01,0.02) | 0.7389914 |
| Type of skins | 4 | 11 | 11 | 0.0802576 | (0.06,0.1) | 0.0737500 | (0.06,0.09) | 0.0065076 | (0,0.02) | 0.4771966 |
| Type of skins | 5 | 6 | 6 | 0.0975833 | (0.04,0.15) | 0.0831667 | (0.06,0.11) | 0.0144167 | (-0.05,0.07) | 1.0000000 |
| Type of skins | 6 | 4 | 4 | 0.0970000 | (-0.01,0.2) | 0.0690000 | (0.05,0.09) | 0.0280000 | (-0.06,0.11) | 0.4226781 |
| Stress index | 0 | 57 | 57 | 0.0867292 | (0.08,0.1) | 0.0802784 | (0.07,0.09) | 0.0064509 | (-0.01,0.02) | 0.7562228 |
| Stress index | 1 | 18 | 18 | 0.0852407 | (0.07,0.1) | 0.0690139 | (0.06,0.07) | 0.0162269 | (0,0.03) | 0.0238241 |
| Smoking | Do not smoke | 62 | 62 | 0.0822774 | (0.07,0.09) | 0.0768379 | (0.07,0.08) | 0.0054395 | (0,0.02) | 0.3639746 |
| Smoking | Cigarettes, pipe tobacco… | 13 | 13 | 0.1059000 | (0.07,0.14) | 0.0810897 | (0.06,0.1) | 0.0248103 | (-0.02,0.07) | 0.2661661 |
| Hypertension | 0 | 54 | 54 | 0.0820500 | (0.07,0.09) | 0.0778781 | (0.07,0.09) | 0.0041719 | (-0.01,0.02) | 0.6257792 |
| Hypertension | 1 | 21 | 21 | 0.0974857 | (0.07,0.12) | 0.0767952 | (0.06,0.09) | 0.0206905 | (-0.01,0.05) | 0.1297106 |
| BMI\_25\_30 | 1 | 42 | 42 | 0.0873738 | (0.07,0.1) | 0.0814802 | (0.07,0.09) | 0.0058937 | (-0.01,0.02) | 0.7434550 |
| BMI\_25\_30 | 2 | 26 | 26 | 0.0875962 | (0.07,0.1) | 0.0727019 | (0.07,0.08) | 0.0148942 | (0,0.03) | 0.1176013 |
| BMI\_25\_30 | 3 | 7 | 7 | 0.0758143 | (0.06,0.1) | 0.0722429 | (0.06,0.09) | 0.0035714 | (-0.02,0.03) | 1.0000000 |
| Obesity | 0 | 68 | 68 | 0.0874588 | (0.08,0.1) | 0.0781238 | (0.07,0.09) | 0.0093350 | (0,0.02) | 0.2389782 |
| Obesity | 1 | 7 | 7 | 0.0758143 | (0.06,0.1) | 0.0722429 | (0.06,0.09) | 0.0035714 | (-0.02,0.03) | 1.0000000 |
| All | 1 | 75 | 75 | 0.0863720 | (0.08,0.1) | 0.0775749 | (0.07,0.08) | 0.0087971 | (0,0.02) | 0.2129398 |

Đồ thị Forest plot theo biến F\_Am 

Bảng F\_Ar theo các subgroup:

| Characteristic | Subgroup | N F\_Ar\_right | N F\_Ar\_left | Mean F\_Ar\_right | CI\_95% F\_Ar\_right | Mean F\_Ar\_left | CI\_95% F\_Ar\_left | Mean\_Diff | Diff\_CI\_95% | P\_Value |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Gender | 0 | 31 | 31 | 0.3290511 | (0.28,0.38) | 0.3135484 | (0.26,0.37) | 0.0155027 | (-0.05,0.08) | 0.6029687 |
| Gender | 1 | 44 | 44 | 0.3167152 | (0.28,0.36) | 0.3501644 | (0.3,0.4) | -0.0334492 | (-0.1,0.03) | 0.4064087 |
| Age\_stage | 1 | 26 | 26 | 0.2993397 | (0.24,0.36) | 0.2706923 | (0.22,0.32) | 0.0286474 | (-0.02,0.08) | 0.4533134 |
| Age\_stage | 2 | 30 | 30 | 0.3425494 | (0.29,0.4) | 0.3380300 | (0.28,0.4) | 0.0045194 | (-0.09,0.1) | 0.6650736 |
| Age\_stage | 3 | 13 | 13 | 0.2911077 | (0.21,0.37) | 0.4342564 | (0.35,0.52) | -0.1431487 | (-0.25,-0.04) | 0.0233764 |
| Age\_stage | 4 | 6 | 6 | 0.3820556 | (0.25,0.51) | 0.3838333 | (0.25,0.52) | -0.0017778 | (-0.23,0.23) | 1.0000000 |
| Race | 0 | 11 | 11 | 0.3168394 | (0.24,0.39) | 0.3169909 | (0.22,0.41) | -0.0001515 | (-0.12,0.12) | 0.9441825 |
| Race | 1 | 61 | 61 | 0.3183740 | (0.28,0.35) | 0.3402678 | (0.3,0.38) | -0.0218937 | (-0.07,0.03) | 0.5239673 |
| Race | 2 | 3 | 3 | 0.4100000 | (-0.06,0.88) | 0.2946667 | (-0.09,0.68) | 0.1153333 | (-0.43,0.66) | 1.0000000 |
| Type of skins | 1 | 10 | 10 | 0.3134483 | (0.23,0.4) | 0.3029400 | (0.22,0.39) | 0.0105083 | (-0.11,0.13) | 0.7998461 |
| Type of skins | 2 | 4 | 4 | 0.3390000 | (0.06,0.62) | 0.3980000 | (0.07,0.72) | -0.0590000 | (-0.56,0.44) | 0.7127019 |
| Type of skins | 3 | 40 | 40 | 0.3168558 | (0.27,0.36) | 0.3421583 | (0.29,0.39) | -0.0253025 | (-0.1,0.05) | 0.6872507 |
| Type of skins | 4 | 11 | 11 | 0.3073939 | (0.21,0.4) | 0.3397273 | (0.23,0.45) | -0.0323333 | (-0.12,0.05) | 0.4468728 |
| Type of skins | 5 | 6 | 6 | 0.3066667 | (0.16,0.45) | 0.2707500 | (0.19,0.35) | 0.0359167 | (-0.14,0.21) | 1.0000000 |
| Type of skins | 6 | 4 | 4 | 0.4375000 | (0.18,0.7) | 0.3645000 | (0.07,0.66) | 0.0730000 | (-0.24,0.39) | 1.0000000 |
| Stress index | 0 | 57 | 57 | 0.3131749 | (0.28,0.35) | 0.3281532 | (0.29,0.37) | -0.0149784 | (-0.07,0.04) | 0.8300456 |
| Stress index | 1 | 18 | 18 | 0.3491713 | (0.28,0.42) | 0.3568056 | (0.28,0.44) | -0.0076343 | (-0.09,0.07) | 0.3462545 |
| Smoking | Do not smoke | 62 | 62 | 0.3324137 | (0.3,0.37) | 0.3118694 | (0.28,0.35) | 0.0205444 | (-0.03,0.07) | 0.3119649 |
| Smoking | Cigarettes, pipe tobacco… | 13 | 13 | 0.2712615 | (0.21,0.33) | 0.4454872 | (0.35,0.54) | -0.1742256 | (-0.27,-0.08) | 0.0050123 |
| Hypertension | 0 | 54 | 54 | 0.3127111 | (0.28,0.35) | 0.3091451 | (0.27,0.35) | 0.0035660 | (-0.05,0.06) | 0.8510471 |
| Hypertension | 1 | 21 | 21 | 0.3452214 | (0.28,0.41) | 0.4015905 | (0.33,0.47) | -0.0563690 | (-0.15,0.04) | 0.2556422 |
| BMI\_25\_30 | 1 | 42 | 42 | 0.3054897 | (0.26,0.35) | 0.3156508 | (0.27,0.36) | -0.0101611 | (-0.07,0.05) | 0.8529041 |
| BMI\_25\_30 | 2 | 26 | 26 | 0.3303718 | (0.27,0.39) | 0.3570769 | (0.29,0.42) | -0.0267051 | (-0.11,0.06) | 0.6371766 |
| BMI\_25\_30 | 3 | 7 | 7 | 0.3879738 | (0.29,0.48) | 0.3694143 | (0.23,0.51) | 0.0185595 | (-0.1,0.14) | 0.6749867 |
| Obesity | 0 | 68 | 68 | 0.3150034 | (0.28,0.35) | 0.3314902 | (0.29,0.37) | -0.0164868 | (-0.07,0.03) | 0.6513134 |
| Obesity | 1 | 7 | 7 | 0.3879738 | (0.29,0.48) | 0.3694143 | (0.23,0.51) | 0.0185595 | (-0.1,0.14) | 0.6749867 |
| All | 1 | 75 | 75 | 0.3218140 | (0.29,0.35) | 0.3350298 | (0.3,0.37) | -0.0132158 | (-0.06,0.03) | 0.7084823 |

Đồ thị Forest plot theo biến F\_Ar 

Bảng F\_Ac theo các subgroup:

| Characteristic | Subgroup | N F\_Ac\_right | N F\_Ac\_left | Mean F\_Ac\_right | CI\_95% F\_Ac\_right | Mean F\_Ac\_left | CI\_95% F\_Ac\_left | Mean\_Diff | Diff\_CI\_95% | P\_Value |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Gender | 0 | 31 | 31 | 1.135505 | (1.06,1.21) | 1.1403199 | (1.07,1.21) | -0.0048145 | (-0.08,0.07) | 0.9622438 |
| Gender | 1 | 44 | 44 | 1.148052 | (1.09,1.2) | 1.1427364 | (1.08,1.2) | 0.0053159 | (-0.04,0.05) | 0.6008342 |
| Age\_stage | 1 | 26 | 26 | 1.112173 | (1.02,1.21) | 1.1316154 | (1.05,1.22) | -0.0194423 | (-0.12,0.08) | 0.6246637 |
| Age\_stage | 2 | 30 | 30 | 1.182847 | (1.13,1.24) | 1.1789772 | (1.12,1.24) | 0.0038694 | (-0.05,0.06) | 0.4346918 |
| Age\_stage | 3 | 13 | 13 | 1.149954 | (1.04,1.26) | 1.1445385 | (1.03,1.26) | 0.0054154 | (-0.02,0.03) | 0.7874065 |
| Age\_stage | 4 | 6 | 6 | 1.060611 | (0.9,1.22) | 0.9933333 | (0.71,1.27) | 0.0672778 | (-0.07,0.21) | 0.4226781 |
| Race | 0 | 11 | 11 | 1.089779 | (0.98,1.2) | 1.0876273 | (0.96,1.22) | 0.0021515 | (-0.08,0.09) | 0.8336349 |
| Race | 1 | 61 | 61 | 1.154466 | (1.1,1.2) | 1.1524986 | (1.1,1.2) | 0.0019669 | (-0.05,0.05) | 0.7823043 |
| Race | 2 | 3 | 3 | 1.101667 | (0.89,1.31) | 1.1213333 | (0.83,1.41) | -0.0196667 | (-0.1,0.06) | 1.0000000 |
| Type of skins | 1 | 10 | 10 | 1.133507 | (1,1.26) | 1.1106650 | (0.96,1.26) | 0.0228417 | (-0.03,0.07) | 0.5541131 |
| Type of skins | 2 | 4 | 4 | 1.129000 | (0.91,1.35) | 1.1940000 | (1.09,1.3) | -0.0650000 | (-0.34,0.21) | 1.0000000 |
| Type of skins | 3 | 40 | 40 | 1.133847 | (1.07,1.2) | 1.1384750 | (1.07,1.2) | -0.0046275 | (-0.07,0.06) | 0.9546984 |
| Type of skins | 4 | 11 | 11 | 1.124227 | (1.04,1.21) | 1.1198788 | (1.01,1.23) | 0.0043485 | (-0.15,0.16) | 0.9326466 |
| Type of skins | 5 | 6 | 6 | 1.242917 | (1,1.49) | 1.2123333 | (0.87,1.55) | 0.0305833 | (-0.09,0.15) | 1.0000000 |
| Type of skins | 6 | 4 | 4 | 1.171500 | (0.92,1.42) | 1.1540000 | (0.97,1.34) | 0.0175000 | (-0.11,0.14) | 1.0000000 |
| Stress index | 0 | 57 | 57 | 1.151833 | (1.1,1.2) | 1.1385450 | (1.08,1.19) | 0.0132877 | (-0.03,0.06) | 0.3129045 |
| Stress index | 1 | 18 | 18 | 1.114472 | (1.02,1.21) | 1.1518472 | (1.08,1.23) | -0.0373750 | (-0.14,0.07) | 0.4498038 |
| Smoking | Do not smoke | 62 | 62 | 1.126638 | (1.08,1.17) | 1.1273438 | (1.08,1.18) | -0.0007056 | (-0.05,0.05) | 0.8908762 |
| Smoking | Cigarettes, pipe tobacco… | 13 | 13 | 1.220262 | (1.11,1.33) | 1.2103846 | (1.1,1.32) | 0.0098769 | (-0.02,0.04) | 0.5896386 |
| Hypertension | 0 | 54 | 54 | 1.133547 | (1.09,1.18) | 1.1251605 | (1.07,1.18) | 0.0083870 | (-0.04,0.06) | 0.7878390 |
| Hypertension | 1 | 21 | 21 | 1.166829 | (1.07,1.27) | 1.1843643 | (1.08,1.29) | -0.0175357 | (-0.09,0.05) | 1.0000000 |
| BMI\_25\_30 | 1 | 42 | 42 | 1.145271 | (1.08,1.21) | 1.1333611 | (1.07,1.2) | 0.0119103 | (-0.05,0.08) | 0.5135489 |
| BMI\_25\_30 | 2 | 26 | 26 | 1.126083 | (1.07,1.18) | 1.1211538 | (1.05,1.19) | 0.0049295 | (-0.04,0.05) | 0.7555408 |
| BMI\_25\_30 | 3 | 7 | 7 | 1.190771 | (1.01,1.37) | 1.2684500 | (1.13,1.41) | -0.0776786 | (-0.24,0.08) | 0.2807127 |
| Obesity | 0 | 68 | 68 | 1.137935 | (1.09,1.18) | 1.1286936 | (1.08,1.18) | 0.0092412 | (-0.03,0.05) | 0.4804511 |
| Obesity | 1 | 7 | 7 | 1.190771 | (1.01,1.37) | 1.2684500 | (1.13,1.41) | -0.0776786 | (-0.24,0.08) | 0.2807127 |
| All | 1 | 75 | 75 | 1.142866 | (1.1,1.19) | 1.1417376 | (1.1,1.19) | 0.0011287 | (-0.04,0.04) | 0.7652998 |

Đồ thị Forest plot theo biến F\_Ac 