Table 1. Surface roughness values (mean ± SD) of RP and P groups (µm)

|  |  |  |  |
| --- | --- | --- | --- |
|  | GROUPS |  |  |
| RESIN POLISH APPLIED GROUPS (RP) | NON-RESIN POLISH GROUPS (P) | RP vs P ( P values) |
| Staining Solutions | Baseline | After Staining | After Bleaching | Row p | Staining Solutions | Baseline | After Staining | After Bleaching | Row p | Baseline | After Staining | After Bleaching |
| Distilled Water | 0,526±0,152 | 0,540±0,149 | 0,555±0,157 | 0,828 | Distilled Water | 0,299±0,191 | 0,193±0,016 | 0,193±0,021 | 0,038\* | <0,001 | <0,001 | <0,001 |
| Red Wine | 0,476±0,095 | 0,477±0,090 | 0,474±0,097 | 0,998 | Red Wine | 0,226±0,062 | 0,223±0,066 | 0,223±0,056 | 0,997 | <0,001 | <0,001 | <0,001 |
| Ice tea | 0,495±0,137 | 0,476±0,124 | 0,501±0,138 | 0,862 | Ice tea | 0,271±0,111 | 0,283±0,113 | 0,242±0,059 | 0,670 | <0,001 | <0,001 | <0,001 |
| Cola  | 0,499±0,152 | 0,507±0,153 | 0,505±0,169 | 0,984 | Cola  | 0,226±0,082 | 0,224±0,035 | 0,258±0,135 | 0,734 | <0,001 | <0,001 | <0,001 |
| Column p | 0,775 | 0,495 | 0,398 |  | Column p | 0,333 | 0,292 | 0,563 |  |  |  |  |

Table 2. Mean ± SD ΔE values of RP and P groups.

|  |  |  |  |
| --- | --- | --- | --- |
|  | GROUPS |  |  |
| RESIN POLISH APPLIED GROUPS (RP) | NON-RESIN POLISH GROUPS (P) | RP vs P ( P values) |
| Staining Solutions | Baseline-After Staining (ΔE1) | After Staining- After Bleaching(ΔE2) | Row p | Staining Solutions | Baseline-After Staining (ΔE1) | After Staining- After Bleaching(ΔE2) | Row p | Baseline-After Staining (ΔE1) | After Staining- After Bleaching(ΔE2) |
| Distilled Water | 1,79±1,42 | 1,88±1,01 | 0,846 | Distilled Water | 1,55±0,99 | 1,31±1,05 | 0,592 | 0,609 | 0,215 |
| Red Wine | 4,47±1,40 | 2,76±1,49 | <0,001 | Red Wine | 3,22±0,95 | 2,12±0,98 | 0,018 | 0,008 | 0,173 |
| Ice tea | 2,42±1,39 | 2,08±1,28 | 0,458 | Ice tea | 1,82±0,95 | 1,27±0,54 | 0,234 | 0,195 | 0,081 |
| Cola  | 2,58±1,65 | 1,67±0,78 | 0,049 | Cola  | 1,44±0,50 | 1,24±1,00 | 0,665 | 0,014 | 0,356 |
| Column p | <0,001\* | 0,106 |  | Column p | <0,001\* | 0,170 |  |  |  |  |

\*Red wine group is statistically different from the other staining solution groups.