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| Table 4. Regression analysis for percentage of vital cells based on toothpaste, concentration, exposure time and fluorescein | | | | | |
| Variable | Type | B regression coefficient | Standard Error | t | P-value |
| Toothpaste | Sensodyne Pronamel | 46.437 | 3.355 | 13.840 | <0.0001 |
| Signal Complete 8 | 6.426 | 3.355 | 1.915 | 0.057 |
| Darougar 1 | 0a | - | - | - |
| Concentration | 3% | 36.062 | 3.355 | 10.748 | <0.0001 |
| 25% | 6.251 | 3.355 | 1.836 | 0.064 |
| 50% | 0a | - | - | - |
| Exposure time | 2 min | 14.329 | 3.355 | 4.271 | <0.0001 |
| 5 min | 4.723 | 3.355 | 1.408 | 0.161 |
| 10 min | 0a | - | - | - |
| Fluorescein | with | -6.304 | 2.739 | -2.301 | 0.023 |
| without | 0a | - | - | - |