**Supplementary Table 3**. Logistic Regression (clinical response at 8 weeks).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameter** | **N** | **OR** | **95% CI** | **P-value** |
| Age | 235 | 1.004 | 0.989 – 1.019 | 0.596 |
| Male | 128 | 0.748 | 0.421 – 1.327 | 0.320 |
| Female | 107 | 1.275 | 0.758 – 2.145 |
| UC duration | 235 | 1.057 | 0.973 – 1.149 | 0.192 |
| Not pancolitis (E1,E2) | 98 | **0.546** | **0.304 – 0.981** | **0.032** |
| Pancolitis (E3) | 137 | **1.775** | **1.051 – 2.998** |
| Appendicectomy (yes) | 16 | 0.350 | 0.111 -1.107 | 0.074 |
| Appendicectomy (no) |  |  |  |
| Mesalazine (yes) | 233 | 2.277 | 0.116 – 44.55 | 0.588 |
| Steroids (yes) | 226 | 0.987 | 0.225 – 4.329 | 0.986 |
| Thiopurine (yes) | 73 | 0.750 | 0.388 – 1.451 | 0.393 |
| Methotrexate (yes) | 9 | 0.204 | 0.037 – 1.133 | 0.069 |
| Naïve status | 17 | 0.512 | 0.140 – 1.877 | 0.983 |
| Not naïve | 218 | 1.011 | 0.376 – 2.717 |
| Calprotectin > 200 μg/g\* | 164 | 0.891 | 0.189 – 4.202 | 0.470 |
| PMS > 4\* | 153 | **2.839** | **1.629 – 4.948** | **0.000232** |
| Mayo endoscopic subscore 3\* | 112 | 1.453 | 0.866 – 2.439 | 0.157 |
| CRP\* | 224 | 1.002 | 0.989 – 1.016 | 0.746 |

\*These values refer to the baseline before starting ustekinumab therapy.

**UC**: ulcerative colitis; **PMS**: partial Mayo score; **CRP**: C-reactive protein.