**Supplementary Table 1:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |
| **Category** | **Cytokine** | **Estimate** | **Lower 0.025** | **Upper 0.025** | **p-value** | **q-value** |
| X-Ray Grade | GM-CSF | 0.56 | 0.326 | 0.893 | 0.028292254 | 0.735598606 |
|  | Il-1B | 0.623 | 0.394 | 0.971 | 0.073371047 | 0.942366106 |
|  | Il-10 | 0.7 | 0.453 | 1.072 | 0.177227388 | 0.942366106 |
|  | PDGF-BB | 0.7 | 0.447 | 1.081 | 0.177315075 | 0.942366106 |
|  | Il-7 | 1.407 | 0.87 | 2.315 | 0.19652471 | 0.942366106 |
|  | Il-8 | 0.722 | 0.44 | 1.162 | 0.217469101 | 0.942366106 |