**S9 Table. Detailed results of inferential analyzes of M2 receptors expression for the adult population**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **mean** | **sd** | **2.5%** | **25%** | **50%** | **75%** | **97.5%** |
| **pat conm** | 0.42 | 0.20 | 0.03 | 0.29 | 0.42 | 0.56 | 0.82 |
| **RR pat conm** | 1.56 | 0.32 | 1.03 | 1.33 | 1.53 | 1.75 | 2.28 |
| **Prob pat conm** | 0.98 | 0.13 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |

***pat conm****: variables; pat=patients, conm=controls modality (reference for the estimation)*

***RR pat conm****: relative risk associated with the variable pat (patient) compared to the reference conm (controls modality)*

***Prob pat conm****: probability that the relative risk RR is higher in pat (patients) compared to the reference conm (controls modality)*

*Summary of the posterior distribution (McMC) of each parameter:*

***Mean:*** *mean of the distribution*

***Sd:*** *standard deviation of the distribution*

***2.5%:*** *2.5th percentile of the distribution*

***25%:*** *25th percentile of the distribution*

***50%:*** *50th percentile or median of the distribution*

***75%:*** *75th percentile of the distribution*

***97.5%:*** *97.5th percentile of the distribution*