**Table 1**. Do you understand the priors?

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Parameters of the model** | **Distributional form of the priors**(e.g., normal, inverse gamma, etc) | **Type of prior**(non-, weakly, highly informative) | **Source of background information** | **Picture of Plot**(Paste the plot here) | **Hyperparameters** |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

**Table 2**.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameters** | **Trace plot (of 500 iterations)** | **Histogram** | **Autocorrelation****Plots** | **Kernel density plot**  |
| Intercept |  |  |  |  |
| Age |  |  |  |  |
| Age2 |  |  |  |  |
| Residual |  |  |  |  |
|  |  |  |  |  |

**Table 3**

|  |  |  |  |
| --- | --- | --- | --- |
| **Parameters** | **Estimate Model with 200 iterations** | **Estimate Model with 500 iterations** | **Bias** |
| Lag intercept |  |  |  |
| Lag on age |  |  |  |
| Lag on age\_sq |  |  |  |
| Res var. Lag |  |  |  |

**Table 4**

|  |  |  |  |
| --- | --- | --- | --- |
| **Parameters** | **Estimate Model with 500 iterations, IG(.5,.5)** | **Estimate Model with 500 iterations, IG(.001, .001)** | **Bias** |
| Lag intercept |  |  |  |
| Lag on age |  |  |  |
| Lag on age\_sq |  |  |  |
| Res var. Lag |  |  |  |

**Table 5**

|  |  |  |  |
| --- | --- | --- | --- |
| **Parameters** | **Estimate Model with 500 iterations, informative priors** | **Estimate Model with 500 iterations, non-informative priors** | **Bias** |
| Lag intercept |  |  |  |
| Lag on age |  |  |  |
| Lag on age\_sq |  |  |  |
| Res var. Lag |  |  |  |