**Table : Multivariate analysis of factors associated with severe and critical forms of COVID in PLWH ts (N=54)**

|  | **Severe/ Critical (Model 1)** | | **Severe/ Critical (Model 2)** | |
| --- | --- | --- | --- | --- |
|  | **OR [95% CI]** | **p value** | **OR [95% CI]** | **p value** |
| Age, ***year*** | 1.11 [1.02-1.22] | 0.02 | 1.09 [1.02-1.18] | 0.01 |
| Female | 0.10 [0.01-0.71] | 0.02 | 0.35 [0.08-1.48] | 0.15 |
| Ethnic origin,  Sub Saharan Africa | 28.8 [3.30-250.9] | 0.002 | - | - |
| Metabolic disorder | - | - | 12.49 [2.16-72.18] | 0.005 |
| Model 1 adjusted for age, gender, ethnic origin  Model 2 adjusted for age, gender, metabolic disorder  Metabolic disorder : BMI > 30kg/m2 or diabetes  OR [95%CI]: adjusted odds ratio [95% confidence interval] from logistic regression model  p-value : Wald test | | | | |