**S3 Table. AIC scores of competing GLMs assessing their relationship with RaoQ.** Models are presented based on increasing AIC score. *R*2 was calculated by subtracting the residual deviance from the null deviance and then diving by the null deviance. F1, F2, F3 correspond to the model’s factors (Factor).

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Factor | Null dev. | *df* | Resid. Dev. | *df* | *R*2 | AIC | Int. | F1 | F2 | F3 |
| LC | 8.249 | 20 | 5.096 | 19 | 0.38 | 5.44 | **0.002** | **0.002** |  |  |
| LC+Dist | 8.249 | 20 | 4.851 | 18 | 0.41 | 6.36 | **0.003** | **0.005** | 0.325 |  |
| LC+Rug | 8.249 | 20 | 5.069 | 18 | 0.39 | 7.32 | 0.431 | **0.008** | 0.752 |  |
| LC+Rug+Dist | 8.249 | 20 | 4.825 | 17 | 0.42 | 8.24 | 0.833 | **0.007** | 0.755 | 0.338 |
| Rug | 8.249 | 20 | 7.723 | 19 | 0.06 | 14.60 | 0.654 | 0.252 |  |  |
| Dist | 8.249 | 20 | 7.951 | 19 | 0.04 | 15.25 | **0.004** | 0.418 |  |  |
| Rug+Dist | 8.249 | 20 | 7.713 | 18 | 0.07 | 16.57 | 0.786 | 0.457 | 0.877 |  |