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| **Supplementary Table 5:** Associations between galectin-9 levels and odds ratios (ORs) for the occurrence of specific non-AIDS events. |
| **Events Analysis for Total Gal9 at Baseline** |
| **Death: # cases = 9 , # controls = 15 ; Malignancy: # cases = 28 , # controls = 43 ; MI/Stroke: # cases = 15 , # controls = 20** |  |
| **Event**  | **Type of Analysis** | **<25th percentile** | **25th-49th percentile** | **50th-74th percentile** | **>=75th percentile** | **OR (95% CL) associated with one higher level after log10 transformation** |
|  |  |  | **OR (95% CL)** | **P-value** | **OR (95% CL)** | **P-value** | **OR (95% CL)** | **P-value** | **per one log10** | **per one IQR** | **P-value** |
| **Death** | Event # | 1/6 (17%) | 4/6 (67%) |  | 1/6 (17%) |  | 3/6 (50%) |  |  |  |  |
|  | Unadjusted | 1.0 (ref.) | >99999.9 (<0.1, >99999.9) | 0.997 | >99999.9 (<0.1, >99999.9) | 1.000 | >99999.9 (<0.1, >99999.9) | 1.000 | 9.1 (<0.1, 2161.8) | 1.9 (0.4, 8.9) | 0.430 |
| **Malignancy** | Event # | 6/17 (35%) | 5/18 (28%) |  | 9/17 (53%) |  | 8/19 (42%) |  |  |  |  |
|  | Unadjusted | 1.0 (ref.) | 0.9 (0.2, 4.8) | 0.210 | 3.9 (0.7, 22.7) | 0.095 | 2.5 (0.4, 16.5) | 0.490 | 6.4 (0.4, 117.1) | 1.9 (0.7, 5.5) | 0.210 |
| **MI/Stroke** | Event # | 3/8 (38%) | 4/9 (44%) |  | 3/8 (38%) |  | 5/10 (50%) |  |  |  |  |
|   | Unadjusted | 1.0 (ref.) | 2.2 (0.2, 23.6) | 0.996 | 1.0 (0.1, 8.3) | 0.996 | >99999.9 (<0.1, >99999.9) | 0.996 | 7.2 (<0.1, 837.5) | 2.3 (0.3, 16.4) | 0.416 |
|  |
| **Events Analysis for Total Gal9 at Year 1** |
| **Death: # cases = 14 , # controls = 25 ; Malignancy: # cases = 42 , # controls = 83 ; MI/Stroke: # cases = 32 , # controls = 62** |  |
| **Event**  | **Type of Analysis** | **<25th percentile** | **25th-49th percentile** | **50th-74th percentile** | **>=75th percentile** | **OR (95% CL) associated with one higher level after log10 transformation** |
|   |   |  | **OR (95% CL)** | **P-value** | **OR (95% CL)** | **P-value** | **OR (95% CL)** | **P-value** | **per one log10** | **per one IQR** | **P-value** |
| **Death** | Event # | 1/9 (11%) | 4/10 (40%) |  | 4/9 (44%) |  | 5/11 (45%) |  |  |  |  |
|  | Unadjusted | 1.0 (ref.) | 5.2 (0.5, 58.5) | 0.614 | 8.3 (0.5, 126.7) | 0.287 | 4.9 (0.5, 45.9) | 0.631 | 40.6 (0.7, 2210.9) | 2.8 (0.9, 8.2) | 0.069 |
| **Malignancy** | Event # | 7/31 (23%) | 10/31 (32%) |  | 15/31 (48%) |  | 10/32 (31%) |  |  |  |  |
|  | Unadjusted | 1.0 (ref.) | 1.5 (0.5, 4.7) | 0.862 | 3.1 (1.0, 9.3) | 0.045 | 1.5 (0.5, 4.4) | 0.778 | 6.8 (0.6, 74.3) | 1.5 (0.9, 2.7) | 0.116 |
| **MI/Stroke** | Event # | 5/23 (22%) | 6/24 (25%) |  | 10/23 (43%) |  | 11/24 (46%) |  |  |  |  |
|   | Unadjusted | 1.0 (ref.) | 1.4 (0.4, 5.3) | 0.483 | 2.7 (0.7, 10.0) | 0.345 | 3.1 (0.8, 11.8) | 0.197 | 22.2 (1.4, 356.8) | 1.9 (1.1, 3.4) | 0.029 |
|  |
| **Events Analysis for Total Gal9 at Pre-event** |
| **Death: # cases = 8 , # controls = 13 ; Malignancy: # cases = 35 , # controls = 64 ; MI/Stroke: # cases = 23 , # controls = 41** |  |
| **Event**  | **Type of Analysis** | **<25th percentile** | **25th-49th percentile** | **50th-74th percentile** | **>=75th percentile** | **OR (95% CL) associated with one higher level after log10 transformation** |
|   |   |  | **OR (95% CL)** | **P-value** | **OR (95% CL)** | **P-value** | **OR (95% CL)** | **P-value** | **per one log10** | **per one IQR** | **P-value** |
| **Death** | Event # | 0/5 (0%) | 3/5 (60%) |  | 2/5 (40%) |  | 3/6 (50%) |  |  |  |  |
|  | Unadjusted | 1.0 (ref.) | >99999.9 (<0.1, >99999.9) | 0.996 | >99999.9 (<0.1, >99999.9) | 0.997 | >99999.9 (<0.1, >99999.9) | 0.997 | 24.2 (0.2, 3546.0) | 2.2 (0.6, 7.1) | 0.210 |
| **Malignancy** | Event # | 3/24 (13%) | 8/25 (32%) |  | 11/24 (46%) |  | 13/26 (50%) |  |  |  |  |
|  | Unadjusted | 1.0 (ref.) | 3.7 (0.7, 20.3) | 0.725 | 10.6 (1.8, 63.6) | 0.043 | 9.0 (1.7, 46.3) | 0.072 | 15.6 (1.0, 242.4) | 1.8 (1.0, 3.3) | 0.050 |
| **MI/Stroke** | Event # | 5/16 (31%) | 6/16 (38%) |  | 3/16 (19%) |  | 9/16 (56%) |  |  |  |  |
|   | Unadjusted | 1.0 (ref.) | 1.5 (0.4, 6.2) | 0.833 | 0.6 (<0.1, 4.0) | 0.153 | 4.1 (0.6, 29.2) | 0.075 | 8.8 (0.2, 311.2) | 1.8 (0.7, 4.7) | 0.234 |