Table 1S – Paraprotein characteristics in patients with polyneuropathy

|  |  |  |  |
| --- | --- | --- | --- |
|  | Kappa | Lambda | Kappa+ Lambda |
| IgG\* | 13 | 9 | 8 |
| IgM | 6 | 3 | 1 |
| IgA | 2 | - | - |

\*3 patients had combined IgG and IgM, and one patient had combined IgG and IgA

Ig – Immunoglobulin

Table 2S – Point-biserial correlation coefficients of abnormal laboratory tests, with electrophysiological and VPT.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | HbA1c | IGT | IFG | MGUS | Hb | UA | CK | ESR | ANA |
| Median Sensory |  |  |  |  |  |  |  |  |
|  Amp | -0.09 | -0.09 | -0.05 | **-0.15** | **-0.20** | -0.07 | 0.11 | -0.07 | 0.05 |
|  CV | -0.14 | -0.08 | -0.07 | -0.13 | **-0.18** | **-0.22** | -0.01 | -0.21 | 0 |
| Median Motor |  |  |  |  |  |  |  |  |
|  DL | 0.05 | **0.21** | -0.02 | **0.24** | 0.05 | **0.16** | -0.01 | **0.19** | -0.04 |
|  Amp | 0.06 | **-0.19** | 0 | **-0.18** | **-0.14** | -0.07 | 0.06 | 0.10 | 0.09 |
|  CV | -0.06 | -0.12 | -0.02 | -0.10 | -0.04 | -0.08 | 0.13 | -0.09 | 0.07 |
| Sural |  |  |  |  |  |  |  |  |  |
|  Amp | -0.03 | 0.04 | -0.01 | 0.03 | -0.11 | -0.10 | 0.08 | -0.06 | 0.09 |
|  CV | -0.11 | 0.09 | 0 | 0.07 | 0.04 | 0.09 | 0.06 | -0.06 | -0.09 |
| Peroneal |  |  |  |  |  |  |  |  |  |
|  DL | -0.12 | 0.11 | -0.09 | 0.04 | 0.03 | -0.11 | -0.01 | 0.10 | -0.01 |
|  Amp | -0.04 | -0.12 | -0.04 | -0.03 | **-0.15** | -0.01 | -0.08 | -0.05 | 0.10 |
|  CV | -0.12 | **-0.20** | -0.02 | 0 | -0.02 | 0.06 | 0.04 | -0.02 | 0.03 |
| VPT  |  |  |  |  |  |  |  |  |  |
|  Finger | 0.07 | **0.22** | 0.09 | **0.20** | 0.08 | **0.21** | 0.03 | 0.05 | -0.05 |
|  Toe | 0.13 | -0.01 | 0.04 | 0.12 | 0.16 | 0.23 | -0.01 | -0.08 | -0.07 |

Amp – Amplitude; CV – Conduction Velocity; DL – Distal Latency; HbA1c - Hemoglobin A1c; IGT – Impaired Glucose Tolerance; IFG – Impaired Fasting Glucose; MGUS – Monoclonal Gammopathy of Undetermined Significance; Hb – Hemoglobin; UA – Uric Acid; CK – Creatine Kinase; ESR – Erythrocyte Sedimentation Rate; ANA - Antinuclear Antibodies. VPT– Vibration Perception Threshold. Statistically significant correlations are bolded.