# Supplementary Table S1. Spearman’s rank correlation between age and serological markers

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| **Serological marker** | **Tested subjects** | **Rho** | ***p*** |
| Subunit ATP4A antibodies | 218 | -0.150 | 0.0274 |
| Subunit ATP4B antibodies | 218 | -0.152 | 0.0251 |
| PCA antibodies | 128 | -0.323 | 0.0002 |
| Pepsinogen I | 218 | 0.068 | 0.3201 |

# Supplementary Table S2. Sensitivity and specificity of single serological markers and panels in patients at clinical suspicion of corpus atrophic gastritis presenting with anemia or dyspepsia

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| --- | --- | --- | --- | --- |
|  | **Clinical presentation anemia, (cases n = 60, controls n = 73)** | | **Clinical presentation dyspepsia, (cases n = 30, controls n = 36)** | |
| **Serological markers** | **Sensitivity (95% CI)** | **Specificity (95% CI)** | **Sensitivity (95% CI)** | **Specificity (95% CI)** |
| Subunit ATP4A antibodies | 77% (64 - 87) | 90% (81 - 96) | 69% (52 - 84) | 93% (78 - 99) |
| Subunit ATP4B antibodies | 78% (66 – 88) | 89% (80 - 95) | 72% (55 - 86) | 93% (78 - 99) |
| Parietal cell antibodies° | 68% (49 - 83) | 89% (77 - 96) | 65% (43 - 84) | 94% (73 -100) |
| Pepsinogen I | 78% (66 - 88) | 79% (68 - 88) | 67% (49 - 81) | 83% (65 - 94) |
| **Panels of serological markers\*** | **Sensitivity (95% CI)** | **Specificity (95% CI)** | **Sensitivity (95% CI)** | **Specificity (95% CI)** |
| Subunit ATP4A antibodies and pepsinogen I | 87% (75 - 94) | 73% (61 - 82) | 81% (64 - 92) | 80% (61 - 92) |
| Subunit ATP4B antibodies and pepsinogen I | 88% (77 - 95) | 71% (59 - 81) | 81% (64 - 92) | 80% (61 - 92) |
| Parietal cell antibodies and pepsinogen I° | 93% (78 – 99) | 77% (62 - 88) | 78% (56 - 93) | 78% (52 - 94) |

°The analysis was performed on a subset of 78 and 41 subjects tested for PCA, presenting with anemia and dyspepsia respectively.

\*Patients were considered as correctly identified as cases when they were positive to either the one or the other serological marker.