**Supplemental Table 1. Correlations among predictive markers for CP severity and GI dysmotility.** Correlations among 6 variables that were significantly associated with positive GBT by univariable analyses were examined in patients with definite CP. These included two types of correlation: markers for CP severity (Mayo score, DM, zinc levels and albumin) and GI dysmotility (DM, gastroparesis, and opiate use). Multiple correlations were identified among variables of CP severity, including 1 with Mayo score (DM [p<0.001]); 2 with DM (Mayo score [p<0.001], albumin [p=0.003]; and one with zinc level (albumin [p=0.001]). Correlations were more limited among variables of GI motility, namely one with DM (GPR [p=0.003]) while opiate use showed no correlation with DM or GPR.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Correlations** | | | | | |
|  | | MAYO\_SCORE | ZINC | ALBUMIN | DM |
| MAYO\_SCORE | Pearson Correlation | 1 | -.179 | -.212 | .374\*\* |
| Sig. (2-tailed) |  | .391 | .055 | .000 |
| N | 93 | 25 | 83 | 93 |
| ZINC | Pearson Correlation | -.179 | 1 | .649\*\* | -.020 |
| Sig. (2-tailed) | .391 |  | .001 | .924 |
| N | 25 | 26 | 23 | 26 |
| ALBUMIN | Pearson Correlation | -.212 | .649\*\* | 1 | -.325\*\* |
| Sig. (2-tailed) | .055 | .001 |  | .003 |
| N | 83 | 23 | 84 | 84 |
| DM | Pearson Correlation | .374\*\* | -.020 | -.325\*\* | 1 |
| Sig. (2-tailed) | .000 | .924 | .003 |  |
| N | 93 | 26 | 84 | 94 |
| \*\*. Correlation is significant at the 0.01 level (2-tailed). | | | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Correlations** | | | | |
|  | | GPR | OP | DM |
| GPR | Pearson Correlation | 1 | .072 | .304\*\* |
| Sig. (2-tailed) |  | .496 | .003 |
| N | 93 | 92 | 93 |
| OP | Pearson Correlation | .072 | 1 | .130 |
| Sig. (2-tailed) | .496 |  | .215 |
| N | 92 | 95 | 93 |
| DM | Pearson Correlation | .304\*\* | .130 | 1 |
| Sig. (2-tailed) | .003 | .215 |  |
| N | 93 | 93 | 94 |
| \*\*. Correlation is significant at the 0.01 level (2-tailed). | | | | |