Inter-correlation table of categorical endpoints in total ppl (N=349)

| Cat Endpoint 1 | Cat Endpoint 2 | Correlation | P |
| --- | --- | --- | --- |
| `cirrhosis diagnosed`Healthy | `highest cut alt`Normal | 0.058 | 0.302 |
| `cirrhosis diagnosed`Healthy | `highest cut ast`Normal | 0.334 | <0.001 |
| `cirrhosis diagnosed`Healthy | `lowest cut alt`Normal | 0.105 | 0.062 |
| `cirrhosis diagnosed`Healthy | `lowest cut ast`Abnormal | -0.244 | <0.001 |
| `cirrhosis diagnosed`Healthy | `lowest cut ast`Normal | 0.244 | <0.001 |
| `cirrhosis diagnosed`Healthy | cirrhosisHealthy | 0.093 | 0.099 |
| `highest cut alt`Normal | `highest cut ast`Normal | 0.314 | <0.001 |
| `highest cut alt`Normal | `lowest cut alt`Normal | 0.746 | <0.001 |
| `highest cut alt`Normal | `lowest cut ast`Abnormal | -0.233 | <0.001 |
| `highest cut alt`Normal | `lowest cut ast`Normal | 0.233 | <0.001 |
| `highest cut alt`Normal | cirrhosisHealthy | -0.446 | <0.001 |
| `highest cut ast`Normal | `lowest cut alt`Normal | 0.421 | <0.001 |
| `highest cut ast`Normal | `lowest cut ast`Abnormal | -0.741 | <0.001 |
| `highest cut ast`Normal | `lowest cut ast`Normal | 0.741 | <0.001 |
| `highest cut ast`Normal | cirrhosisHealthy | -0.122 | 0.030 |
| `lowest cut alt`Normal | `lowest cut ast`Abnormal | -0.312 | <0.001 |
| `lowest cut alt`Normal | `lowest cut ast`Normal | 0.312 | <0.001 |
| `lowest cut alt`Normal | cirrhosisHealthy | -0.329 | <0.001 |
| `lowest cut ast`Abnormal | `lowest cut ast`Normal | -1.000 | <0.001 |
| `lowest cut ast`Abnormal | cirrhosisHealthy | 0.078 | 0.165 |
| `lowest cut ast`Normal | cirrhosisHealthy | -0.078 | 0.165 |

Inter-correlation table of categorical endpoints after excluding NCSU data (N=173)

| Cat Endpoint 1 | Cat Endpoint 2 | Correlation | P |
| --- | --- | --- | --- |
| `cirrhosis diagnosed`Healthy | `highest cut alt`Normal | -0.023 | 0.786 |
| `cirrhosis diagnosed`Healthy | `highest cut ast`Normal | 0.070 | 0.414 |
| `cirrhosis diagnosed`Healthy | `lowest cut alt`Normal | -0.030 | 0.728 |
| `cirrhosis diagnosed`Healthy | `lowest cut ast`Abnormal | -0.122 | 0.151 |
| `cirrhosis diagnosed`Healthy | `lowest cut ast`Normal | 0.122 | 0.151 |
| `cirrhosis diagnosed`Healthy | cirrhosisHealthy | 0.018 | 0.835 |
| `highest cut alt`Normal | `highest cut ast`Normal | 0.333 | <0.001 |
| `highest cut alt`Normal | `lowest cut alt`Normal | 0.782 | <0.001 |
| `highest cut alt`Normal | `lowest cut ast`Abnormal | -0.195 | 0.021 |
| `highest cut alt`Normal | `lowest cut ast`Normal | 0.195 | 0.021 |
| `highest cut alt`Normal | cirrhosisHealthy | -0.769 | <0.001 |
| `highest cut ast`Normal | `lowest cut alt`Normal | 0.426 | <0.001 |
| `highest cut ast`Normal | `lowest cut ast`Abnormal | -0.586 | <0.001 |
| `highest cut ast`Normal | `lowest cut ast`Normal | 0.586 | <0.001 |
| `highest cut ast`Normal | cirrhosisHealthy | -0.256 | 0.002 |
| `lowest cut alt`Normal | `lowest cut ast`Abnormal | -0.250 | 0.003 |
| `lowest cut alt`Normal | `lowest cut ast`Normal | 0.250 | 0.003 |
| `lowest cut alt`Normal | cirrhosisHealthy | -0.601 | <0.001 |
| `lowest cut ast`Abnormal | `lowest cut ast`Normal | -1.000 | <0.001 |
| `lowest cut ast`Abnormal | cirrhosisHealthy | 0.150 | 0.077 |
| `lowest cut ast`Normal | cirrhosisHealthy | -0.150 | 0.077 |