Supplementary Table 1. Sensitivity and specificity in predicting postoperative recurrence on the basis of different cutoff values of the GPx3 change.

| Value | Sensitivity | Specificity | Youden index | Euclidean distance |
|-------|-------------|-------------|--------------|--------------------|
| 1.007 | 0.273       | 1.000       | 0.273        | 0.727              |
| 0.813 | 0.273       | 0.979       | 0.251        | 0.728              |
| 0.511 | 0.545       | 0.957       | 0.503        | 0.457              |
| 0.446 | 0.545       | 0.915       | 0.460        | 0.462              |
| 0.371 | 0.545       | 0.851       | 0.397        | 0.478              |
| 0.285 | 0.727       | 0.723       | 0.451        | 0.388              |
| 0.261 | 0.727       | 0.702       | 0.429        | 0.404              |
| 0.251 | 0.818       | 0.702       | 0.520        | 0.349              |
| 0.230 | 0.818       | 0.681       | 0.499        | 0.367              |
| 0.209 | 0.818       | 0.660       | 0.478        | 0.386              |
| 0.190 | 0.909       | 0.638       | 0.547        | 0.373              |
| 0.187 | 0.909       | 0.617       | 0.526        | 0.394              |
| 0.180 | 0.909       | 0.596       | 0.505        | 0.414              |
| 0.099 | 0.909       | 0.447       | 0.356        | 0.561              |

*Youden index = [Sensitivity + Specificity – 1]