SUPPLEMENTARY MATERIAL

Supplementary Table 1: Correlation Analysis for RECIL, Lugano and Metabolic Tumor Burden.

| TB Metric         | Tumor proportion | Spearman ρ | 95% CI      | p-value |
|-------------------|------------------|------------|-------------|---------|
| MTV vs. RECIL     | Total            | 0.744      | 0.546 - 0.863 | <0.001  |
|                   | Nodal            | 0.763      | 0.577 – 0.874 |         |
|                   | Extranodal       | 0.660      | 0.419 – 0.814 |         |
| MTV vs. Lugano    | Total            | 0.714      | 0.542 – 0.862 | <0.001  |
|                   | Nodal            | 0.852      | 0.725 – 0.923 |         |
|                   | Extranodal       | 0.749      | 0.554 – 0.866 |         |
| Lugano vs. RECIL  | Total            | 0.983      | 0.967 – 0.992 | <0.001  |
|                   | Nodal            | 0.938      | 0.880 – 0.968 |         |
|                   | Extranodal       | 0.896      | 0.803 – 0.947 |         |

Supplementary Figure 1: Different Dichotomization of Tumor Burden Metrics and Association with Progression-Free and Overall Survival.

Kaplan-Meier survival curves for TB_{MTV} using the two dichotomization cut-offs 60 mL (A) and 100 mL (B) comparing PFS (on the left) and OS (on the right). Curves for patients with a tumor burden smaller than the