



Fig. 1. Pairwise comparisons of metabolic parameters across patients with different tumor types. A. The TNR values— including TNRmax, TNRmean, and TNRpeak— were highest in those with lymphoma and lowest in those with low-grade glioma. Both the MTV and TLG were highest in patients with medulloblastoma. B. Significant differences were observed in the TNRs between patients with lymphoma and those with other tumors, as well as between low-grade glioma and other tumors ($p<0.05$). A significant difference in MTV was observed between patients with medulloblastoma and all other tumors ($p<0.05$). TLG values were significantly greater in medulloblastoma and lymphoma than in those with metastasis, high-grade glioma and low-grade glioma ($p<0.05$). MET: Metastasis; LYM: lymphoma; LGG: low-grade glioma; HGG: High-grade glioma; MB: Medulloblastoma.