

**Figure 1s**

A 48-year-old patient with lung cancer, example of standardized uptake value (SUV<sub>peak</sub>, defined as the largest possible mean value of a 1cm<sup>3</sup> regions of interest) and manually drawn regions of interest of global lung glycolysis measurement and total lesion glycolysis in axial, sagittal, coronal PET/CT fusion images(A, B, and C, respectively).The yellow outlined the affected side, white color means tumor region

