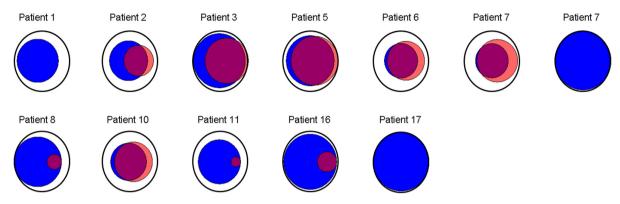
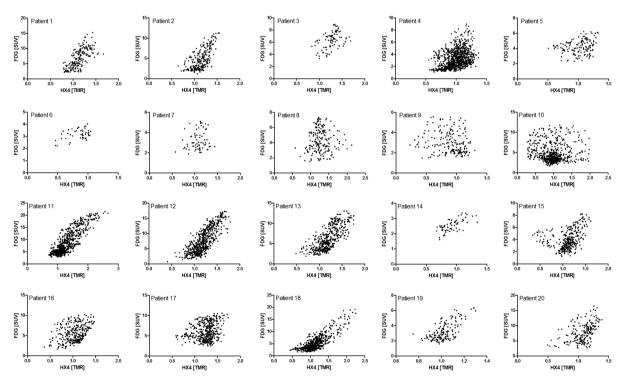
Supplementary information for Zegers et al., Imaging of tumour hypoxia and metabolism in patients with head and neck squamous cell carcinoma, Acta Oncol, 2015; doi:10.3109/0284186X.2015.1062913



Supplementary Figure 1.Visual representation of the overlap of [18F]FDG high fraction (blue) and [18F]HX4 high fraction (red) for the metastatic lymph nodes (black) of all patients.



Supplementary Figure 2.Voxel wise comparison of the  $[^{18}F]HX4$  (tumour-muscle ratio) and  $[^{18}F]FDG$  PET (SUV) uptake within the primary lesions.