Online Resource 2:
Comparison of [11C]choline SUV and TBR in high-grade gliomas

A)

![Graph showing comparison of SUV between normal and tumour samples]

- Normal SUV: 0.5
- Tumour SUV: 4.0

p = 0.008
The box plot shows a comparison between Normal and Tumour samples in terms of TBR (Tumour Blood Ratio). The TBR values are significantly different between the two groups, with a p-value of 0.003, indicating a statistically significant difference.
Specificity | Sensitivity
--- | ---
1.0 | 0.8
0.6 | 0.4
0.2 | 0.0

- 0.569 (Spec = 1.00, Sens = 0.61, PPV = 1.0, NPV = 0.54)
- 2.783 (Spec = 0.92, Sens = 0.50, PPV = 0.93, NPV = 0.46)

SUV 10–40 min AUC: 0.76
TBR 10–40 min AUC: 0.73