

**Additional file 1****Table S1. Changes from baseline in CT and PET/MRI parameters according to confirmed treatment response**

	All subjects, N = 25	Non-progressive disease, N = 16	Progressive disease, N = 9	P value <sup>a</sup>
$\Delta$ diameter, %	2.2 (-17.7–18.9)	-1.5 (-17.7–18.9)	4.1 (-9.4–16.9)	0.52
$\Delta$ SUV <sub>max</sub> , %	1.6 (-73.8–59.6)	1.7 (-73.8–59.6)	-1.1 (-17.9–48.9)	0.68
$\Delta$ SUL peak, %	5.2 (-80.2–63.6)	3.7 (-80.2–34.5)	5.2 (-17.7–63.6)	0.93
$\Delta$ TLG, %	10.0 (-80.7–140.2)	-1.0 (-80.7–41.3)	23.1 (-8.5–140.2)	0.008
$\Delta$ ADC <sub>mean</sub> , %	-9.1 (-87.6–21.2)	-17.1 (-87.6–8.4)	2.4 (-13.1–21.2)	0.0006
$\Delta$ TLG+ $\Delta$ ADC <sub>mean</sub>	-0.2 (-126.8–142.3)	-15.9 (-126.8–49.7)	30.6 (-2.3–142.3)	0.0001

<sup>a</sup>P values compare the non-progressive and progressive disease groups.