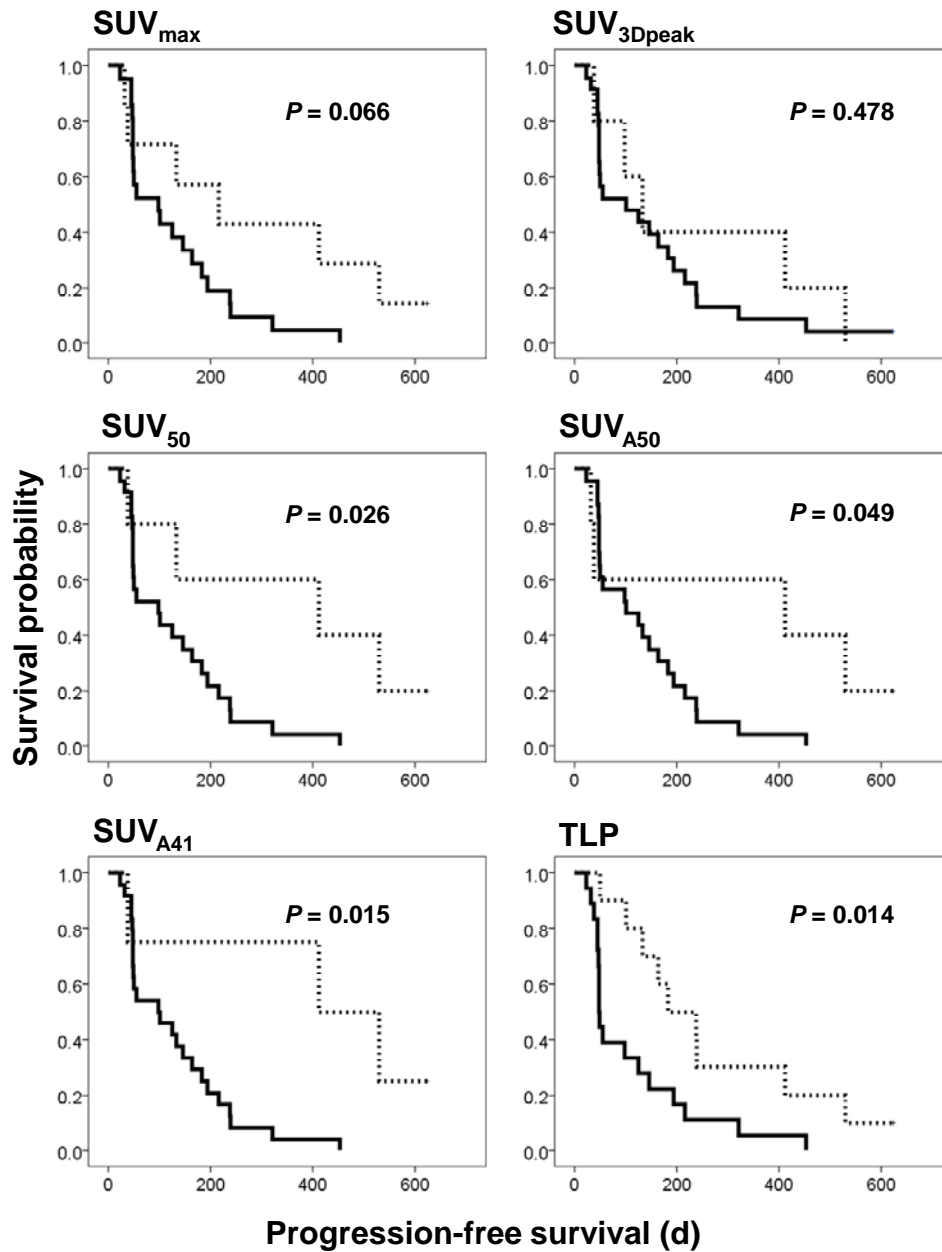


Supplemental Figure 1.

Sum of SUV early FDG-PET (week 1)

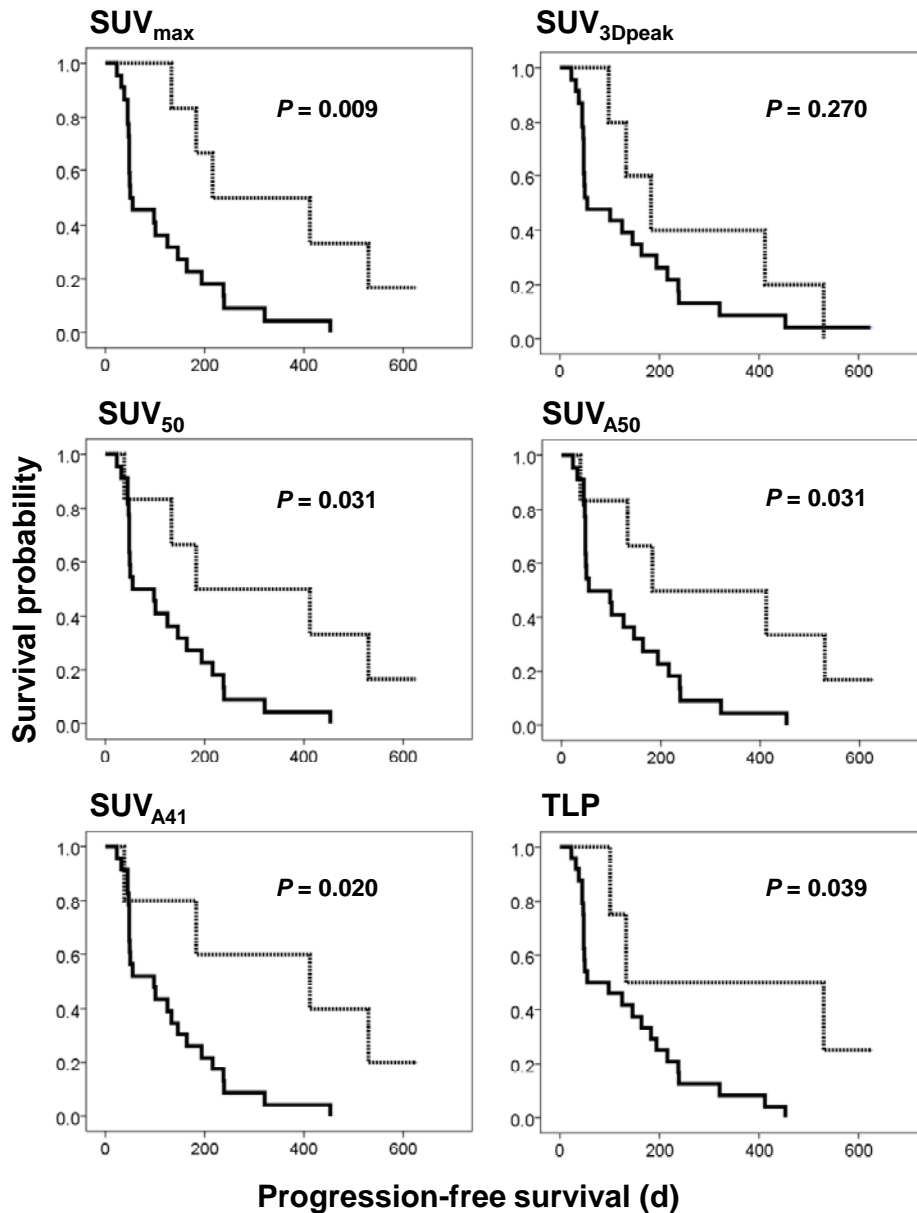
Progression-free survival is shown for metabolically responding and non-responding patients using the sum SUVs measured in up to five lesions. Best differentiation was observed using SUV_{max}, SUV_{3Dpeak}, SUV₅₀, SUV_{A50}, SUV_{A41}, SUV₇₀, and SUV_{A70}.



Supplemental Figure 2.

Single hottest SUV at early FLT-PET (week 1)

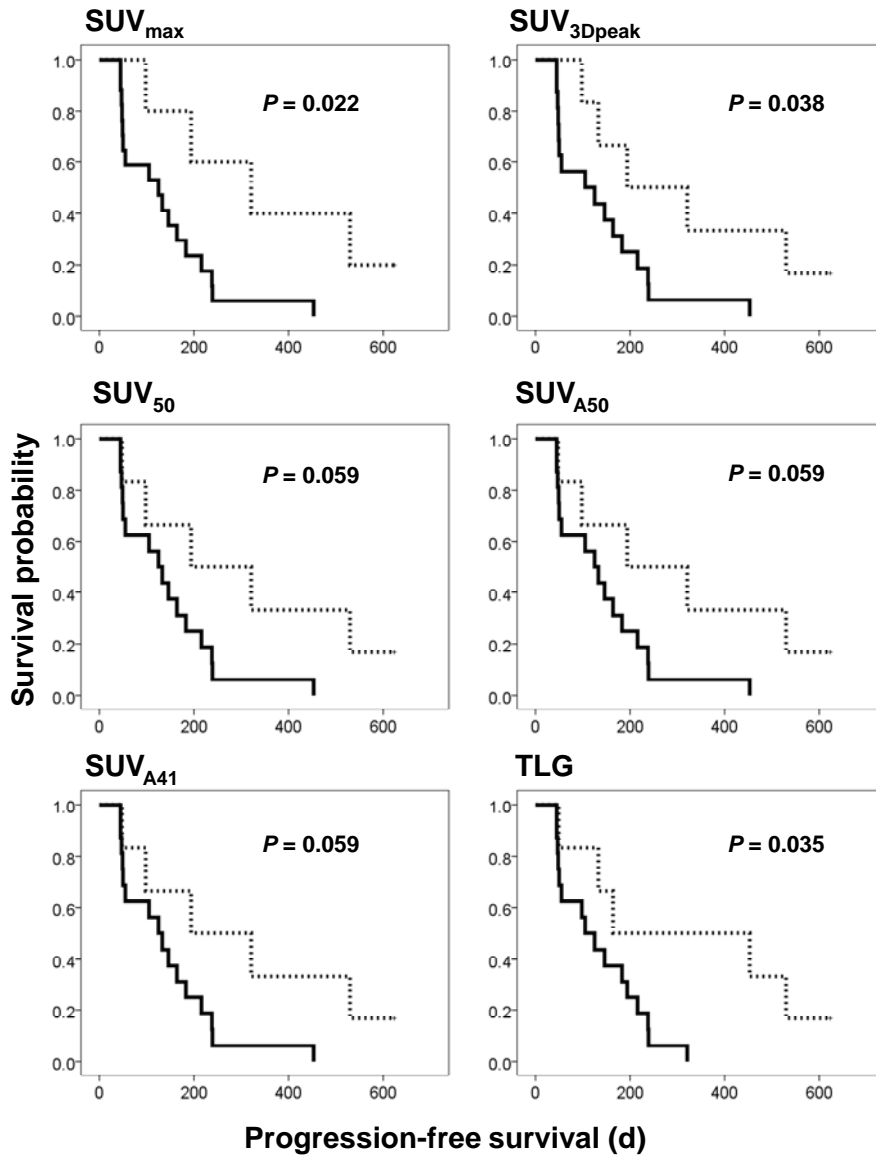
Progression-free survival is shown for metabolically responding and non-responding patients assessed by the single hottest value. Best differentiation was observed using SUV₅₀, SUV_{A50}, SUV_{A41}, and TLP.



Supplemental Figure 3.

Sum of SUV early FLT-PET (week 1)

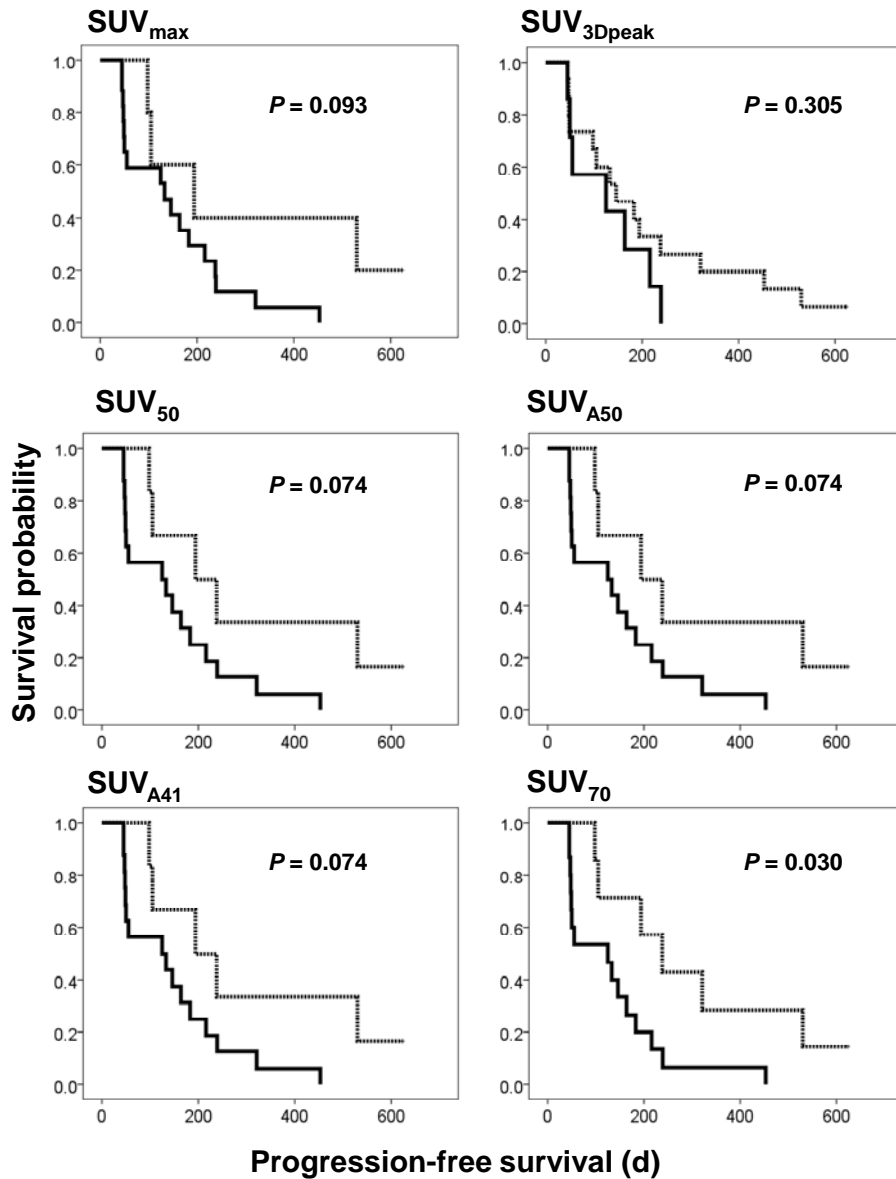
Progression-free survival is shown for metabolically responding and non-responding patients assessed by the sum of up to five SUVs. Best differentiation was observed using SUV_{max}, SUV₅₀, SUV_{A50}, SUV_{A41}, VOL₅₀, and TLP.



Supplemental Figure 4.

Single hottest SUV late FDG-PET (week 6)

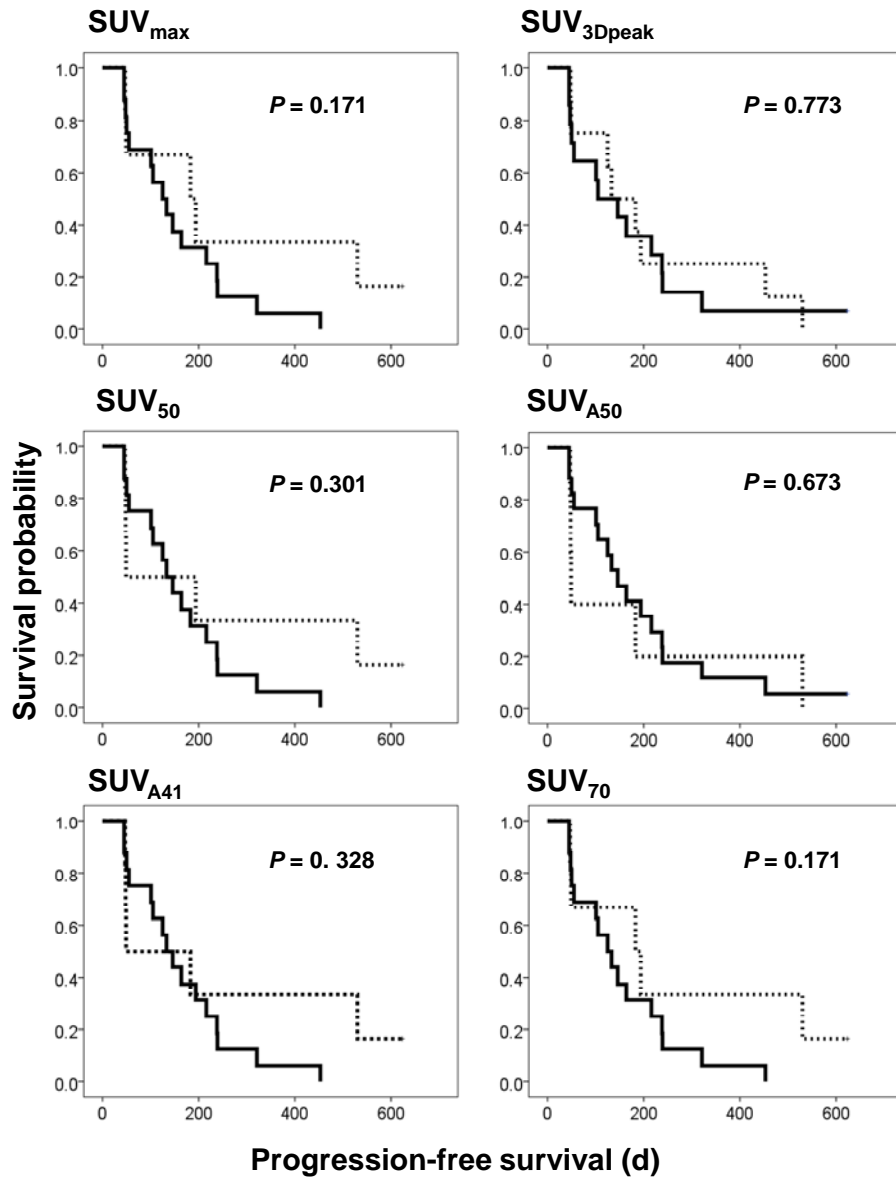
Using the single hottest value for metabolic response measurement significant predictive differentiation was observed using SUV_{max} , SUV_{3Dpeak} , SUV_{A70} , and the TLG. Other quantitative measurements did not show significant results.



Supplemental Figure 5.

Sum of SUV late FDG-PET (week 6)

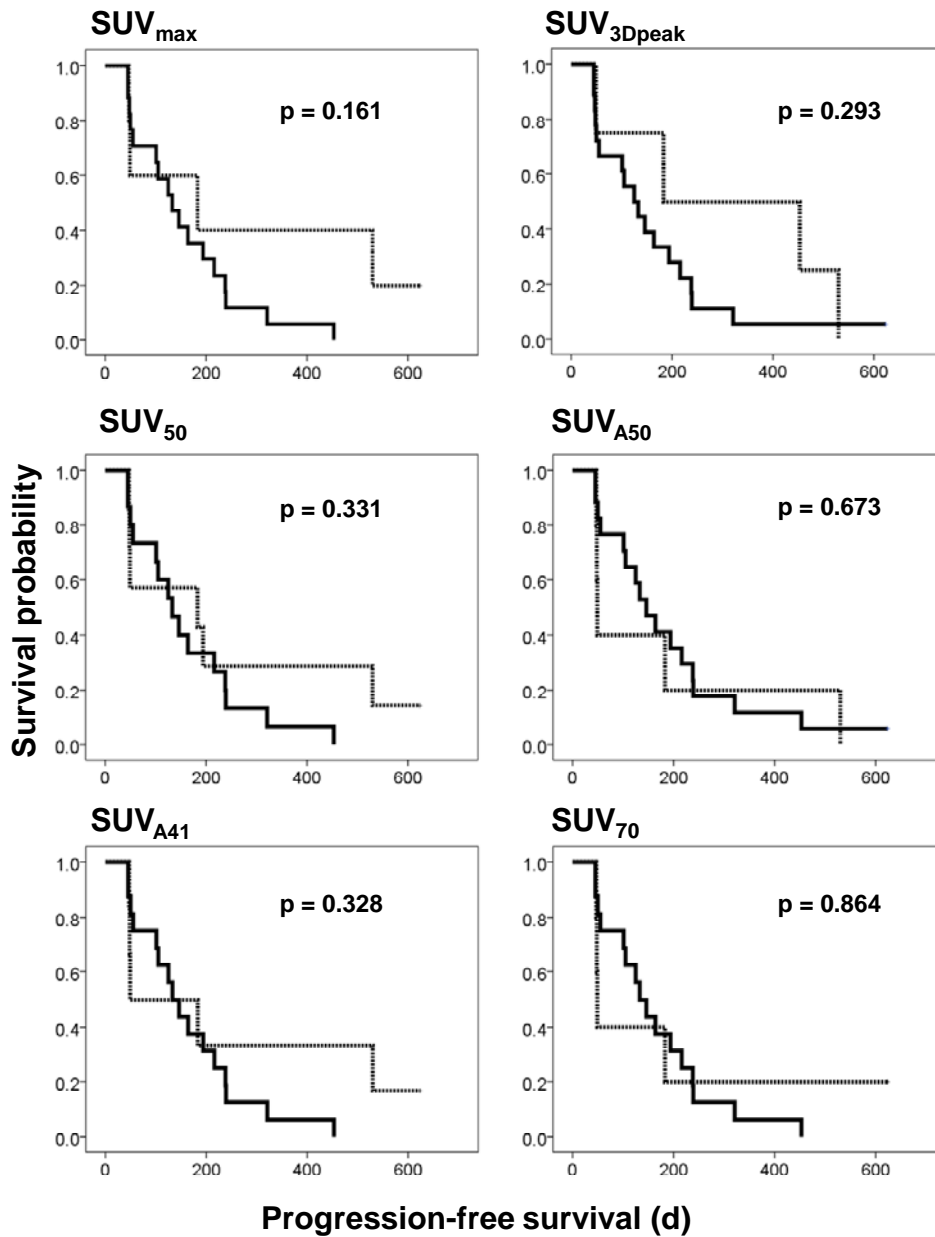
Predictive differentiation assessed by the sum of up to five SUVs in late FDG-PET. In contrast to SUV_{2Dpeak}, SUV₇₀, SUV_{A70}, and the TLG other values brought no significant results.



Supplemental Figure 6.

Single hottest SUV late FLT-PET (week 6)

Progression-free survival is shown for metabolic responding and non-responding patients using the single SUV measured in the hottest lesion. No quantitative response measurement brought significant results.



Supplemental Figure 7.

Sum of SUV late FLT PET (week 6)

Progression-free survival is shown for metabolic response measurement by several summed SUVs measured in up to five lesions. No quantitative value brought significant results.