**Supplementary Table S4. Sensitivity and specificity of AFP cutoffs in differentiating patients by response status per IRF-assessed RECIST 1.1.**

|  |  |
| --- | --- |
| Point estimate (95% CI) | RECIST 1.1(n = 144) |
| ≥20% AFP decrease(responders vs non-responders) | ≥50% AFP decrease(responders vs non-responders) | ≥20% AFP decrease(disease control vs primary progressors) | ≥50% AFP decrease(disease control vs primary progressors) |
| Sensitivity | 0.79 (0.64–0.91) | 0.64 (0.47–0.79) | 0.62 (0.52–0.71) | 0.41 (0.32–0.51) |
| Specificity | 0.54 (0.44–0.64) | 0.74(0.65–0.82) | 0.68 (0.49–0.83) | 0.79 (0.62–0.91) |
| Positive predictive value | 0.39 (0.28–0.51) | 0.48 (0.34–0.62) | 0.86 (0.76–0.93) | 0.87 (0.74–0.94) |
| Negative predictive value | 0.88 (0.77–0.95) | 0.85 (0.76–0.91) | 0.35 (0.24–0.48) | 0.29 (0.20–0.40) |
| AFP, alpha-fetoprotein; IRF, independent review facility; RECIST 1.1, Response Evaluation Criteria in Solid Tumors version 1.1. |