**TABLE S4 Comparison of tumor response in different risk groups using the immunotherapy score**

|  |  |  |
| --- | --- | --- |
|  | *Internal training cohort* | *External validation cohort* |
| Tumor response | Low-risk group n (%) | Intermediate-risk groupn (%) | High-risk groupn (%) | *P* | Low-risk group n (%) | Intermediate-risk groupn (%) | High-risk groupn (%) | *P* |
| Response | 29 (78.4) | 37 (54.4) | 11 (25.0) | < 0.001 | 20 (76.9) | 25 (53.2) | 8 (29.6) | 0.003 |
| Non-response | 8 (21.6) | 31 (45.6) | 33 (75.0) | 6 (23.1) | 22 (46.8) | 19 (70.4) |