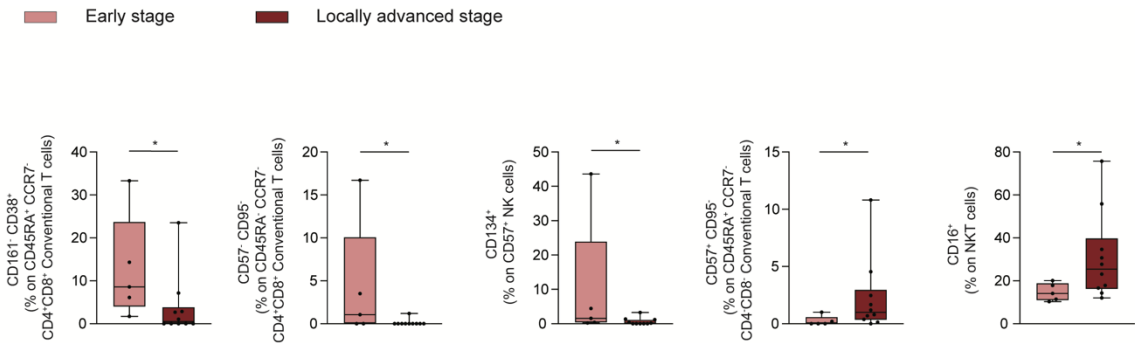


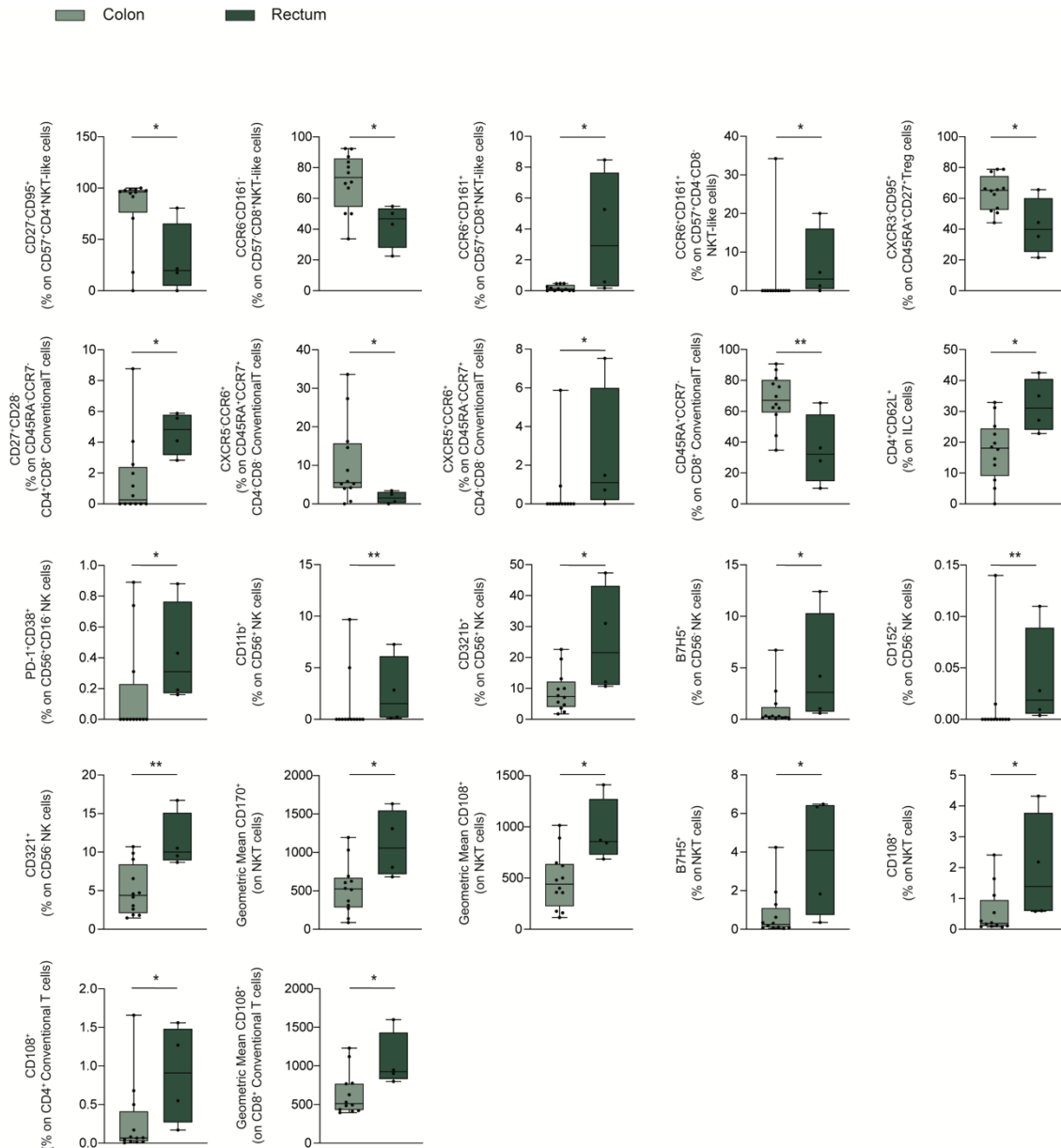
Supplementary Figures

(del Prado-Montero *et al.*)

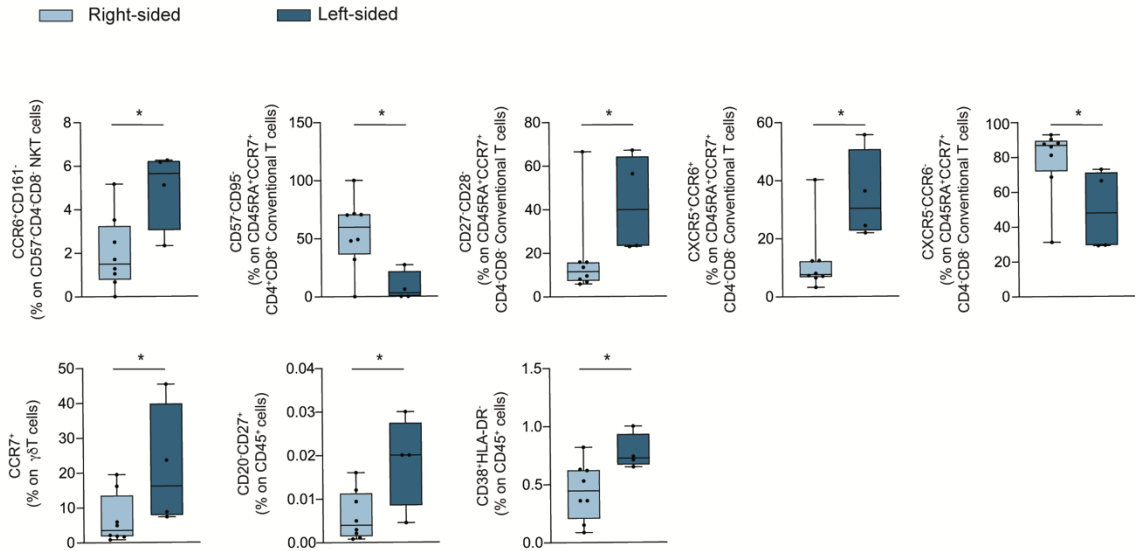
Supplementary Figure 1. Stage-dependent distribution of immune cell populations highlighted in volcano plot analysis. Frequency of 5 immune cell subpopulations—including NK, NKT and conventional T cells— identified as significantly altered in the volcano plot analysis. However, these were not included in **Figure 2** due to their lower AUC values. Data are represented as mean $\pm$ SEM. Mann-Whitney *t*-test was used to compare the difference between both groups. Note that * $p < 0.05$.



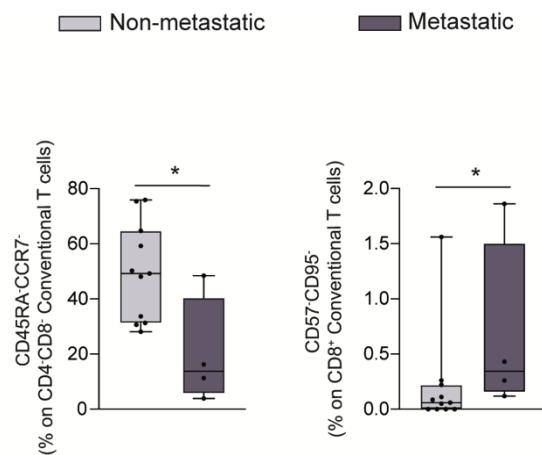
Supplementary Figure 2. Tumour site-dependent distribution of immune cell populations highlighted in volcano plot analysis. Frequency of 22 immune cell subpopulations—including NKT, NK, ILC and T cells—identified as significantly altered in the volcano plot analysis. However, these were not included in **Figure 4** due to their lower AUC values. Data are represented as mean $\pm$ SEM. Mann-Whitney *t*-test was used to compare the difference between both groups. Note that * $p < 0.05$; ** $p < 0.01$.



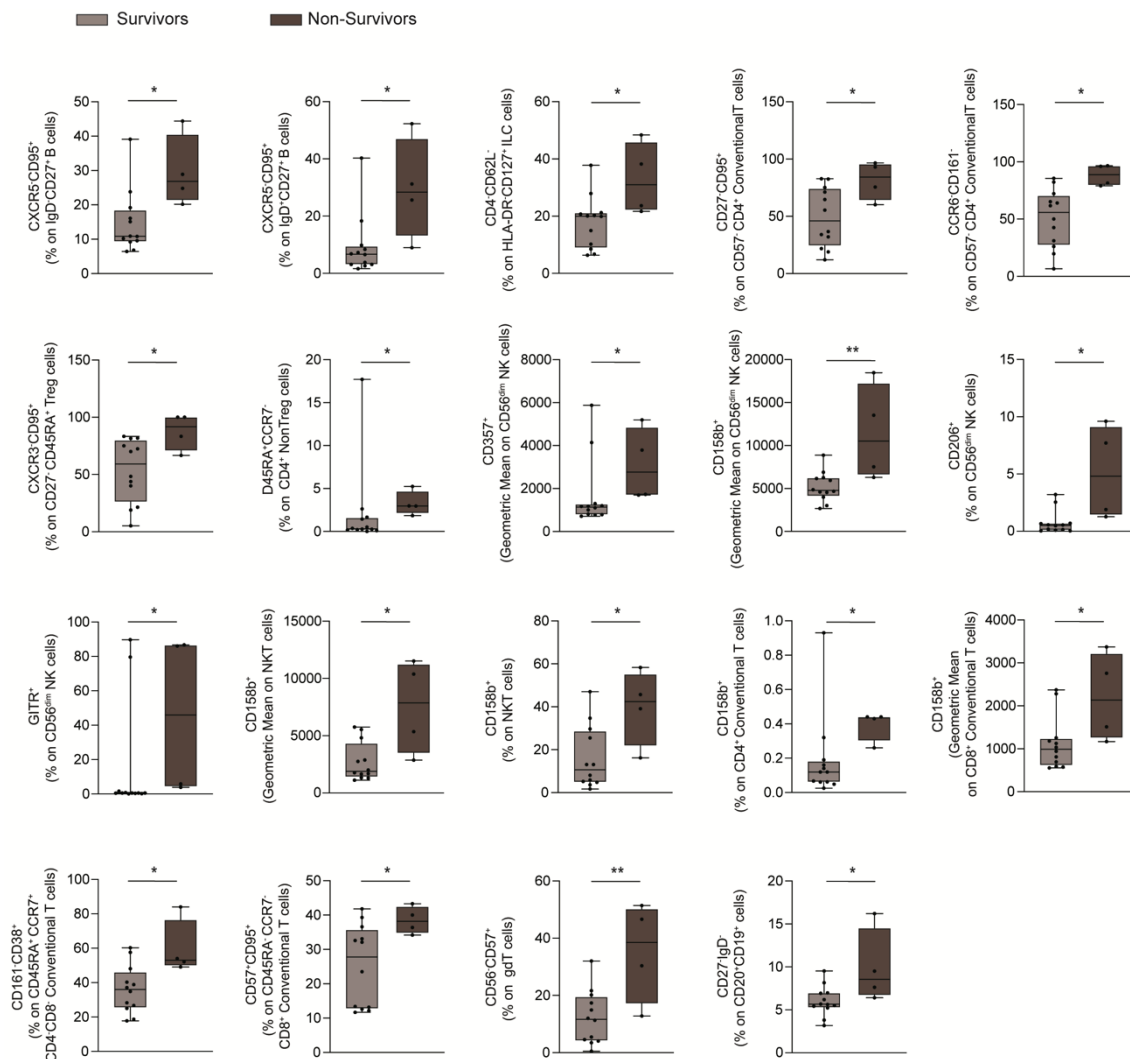
Supplementary Figure 3. Location-dependent distribution of immune cell populations highlighted in volcano plot analysis. Frequency of 8 immune cell subpopulations—including NKT and T cells—identified as significantly altered in the volcano plot analysis. However, these were not included in **Figure 5** due to their lower AUC values. Data are represented as mean $\pm$ SEM. Mann-Whitney *t*-test was used to compare the difference between both groups. Note that $* p < 0.05$.



Supplementary Figure 4. Metastasis-dependent distribution of immune cell populations highlighted in volcano plot analysis. Frequency of two immune cell subpopulations within conventional T cells that showed significance in the volcano plot analysis. These populations were not included in **Figure 6** due to their lower AUC values. Data are presented as mean $\pm$ SEM. Differences between groups were assessed using the Mann–Whitney U test. Note that * $p < 0.05$.



Supplementary Figure 5. Non-survivor–associated expansion of immune cell populations identified through volcano plot analysis. Frequency of 19 immune cell subpopulations—including NKTs, NKs, ILCs, B and T cells— identified as significantly increased in non-survivors' group in the volcano plot analysis. However, these were not included in **Figure 7** due to their lower AUC values. Data are represented as mean $\pm$ SEM. Mann-Whitney *t*-test was used to compare the difference between both groups. Note that * $p < 0.05$; ** $p < 0.01$.



Supplementary Figure 6. Survivor–Associated Expansion of Immune Cell Populations Identified through Volcano Plot Analysis. Frequency of 12 immune cell subpopulations—including NKT, NK and T cells — identified as significantly increased in survivors by the volcano plot analysis. However, these were not included in **Figure 7** due to their lower AUC values. Data are represented as mean $\pm$ SEM. Mann-Whitney *t*-test was used to compare the difference between both groups. Note that * $p < 0.05$.

