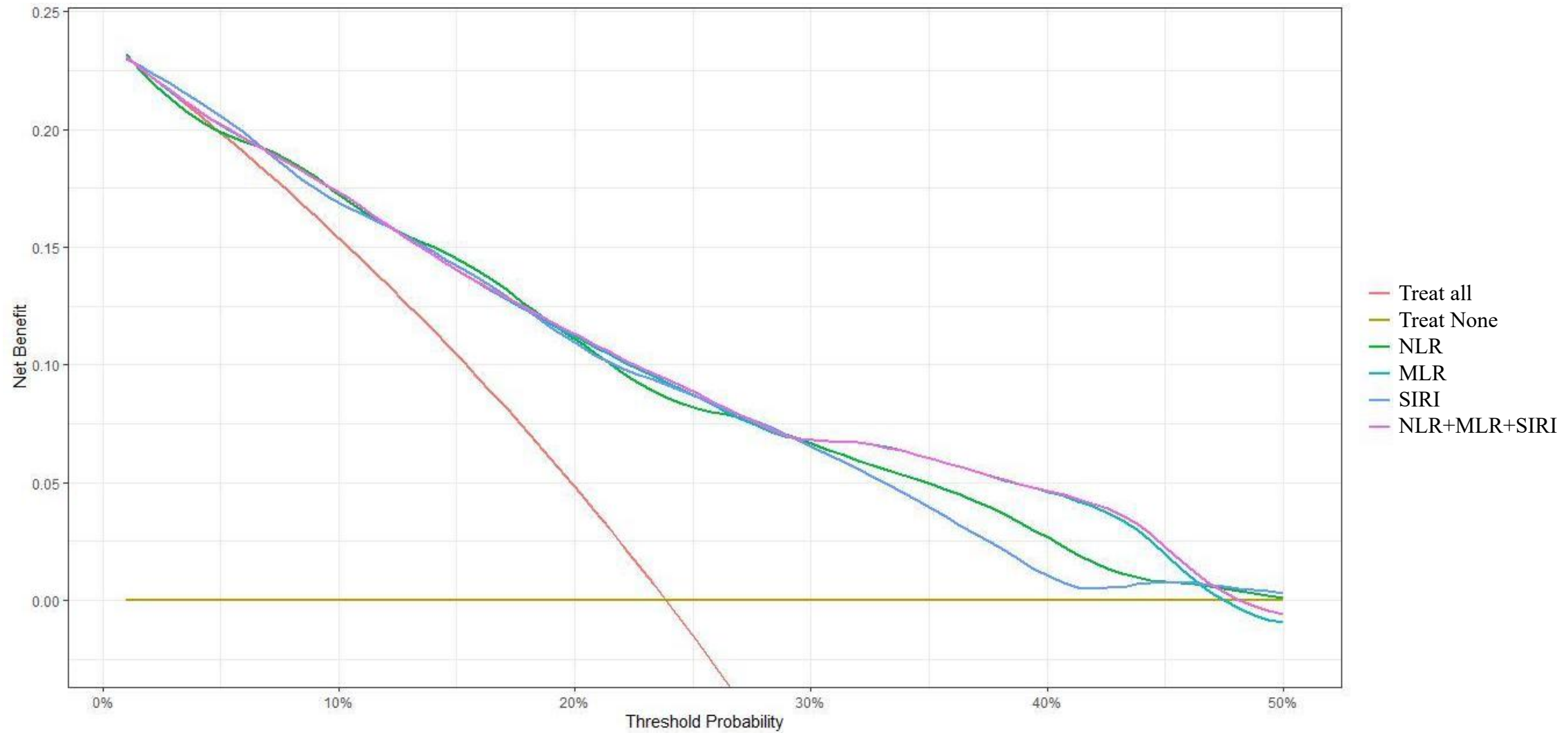
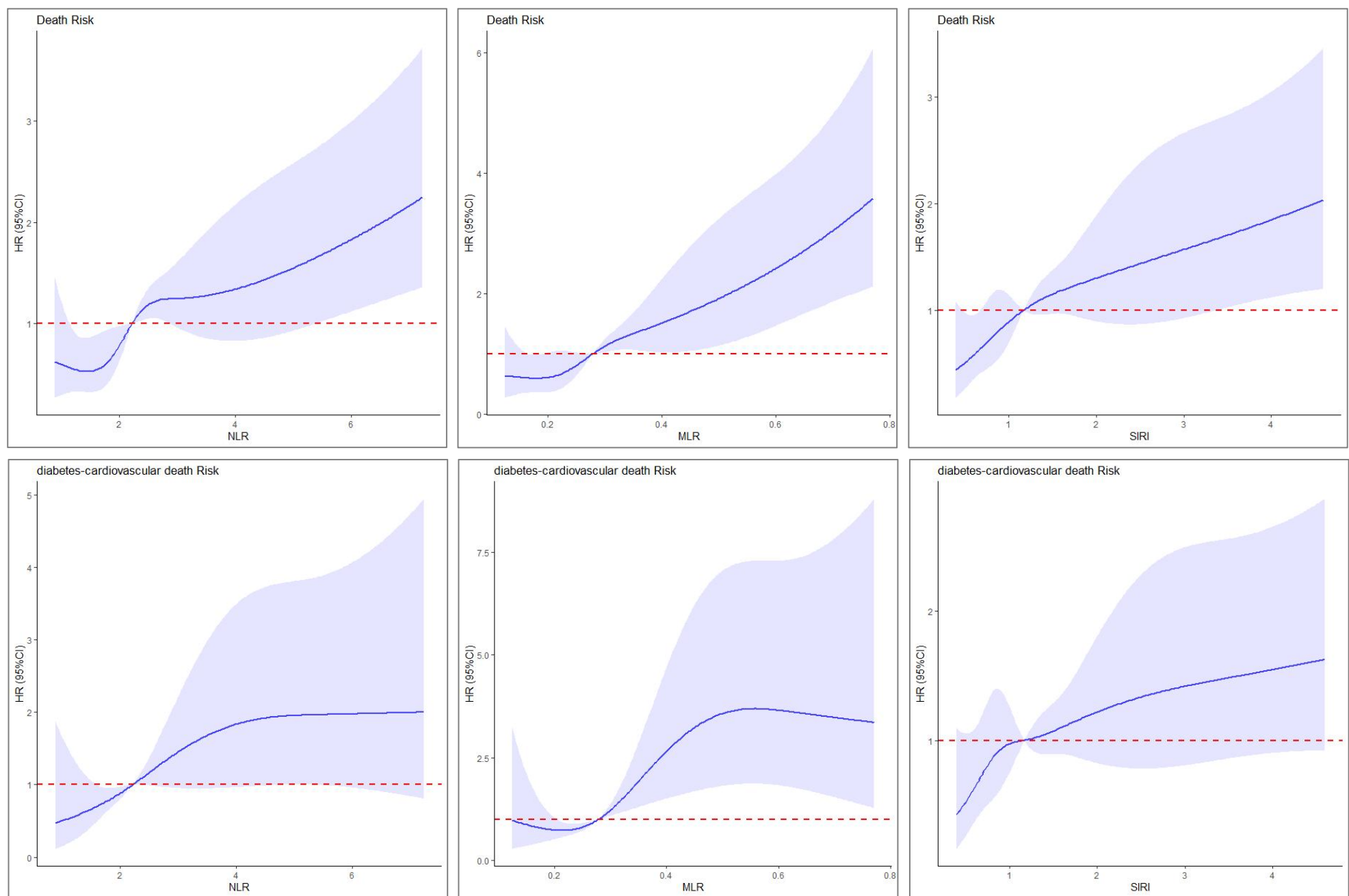


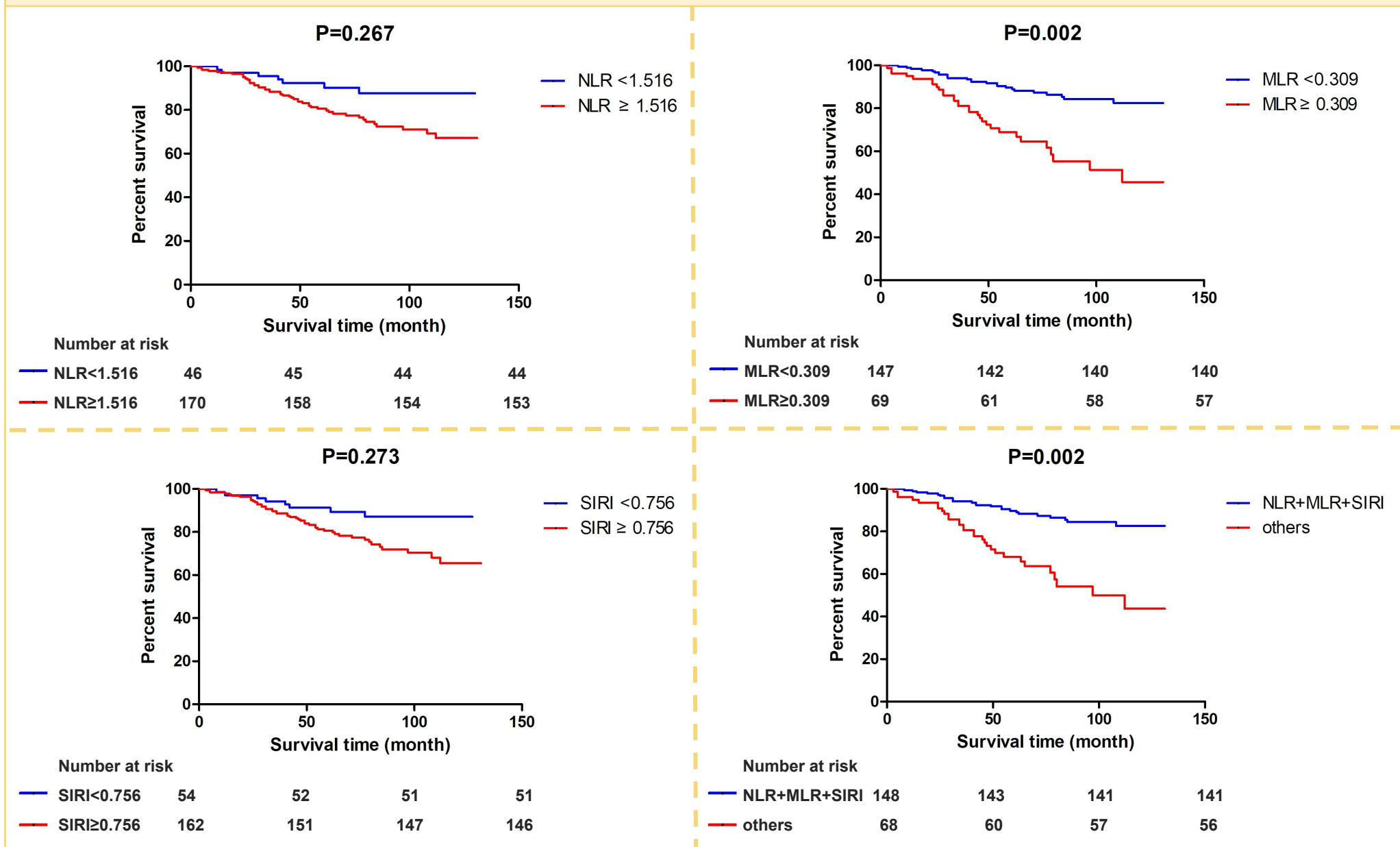


**Supplementary Figure 1.** The Decision Curve Analysis curves of NLR, MLR, SIRI, and NLR + MLR + SIRI for all-cause mortality.



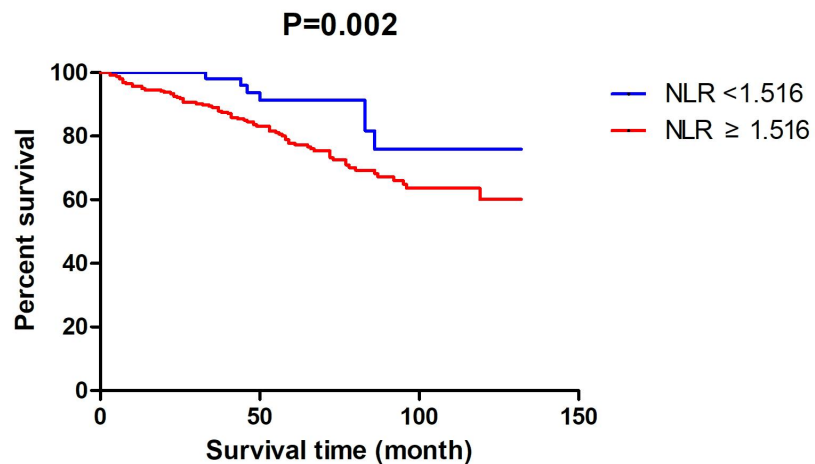
**Supplementary Figure 2.** The restricted cubic spline plots of NLR, MLR, and SIRI for all-cause mortality and diabetes-cardiovascular mortality.

# Age <60 years



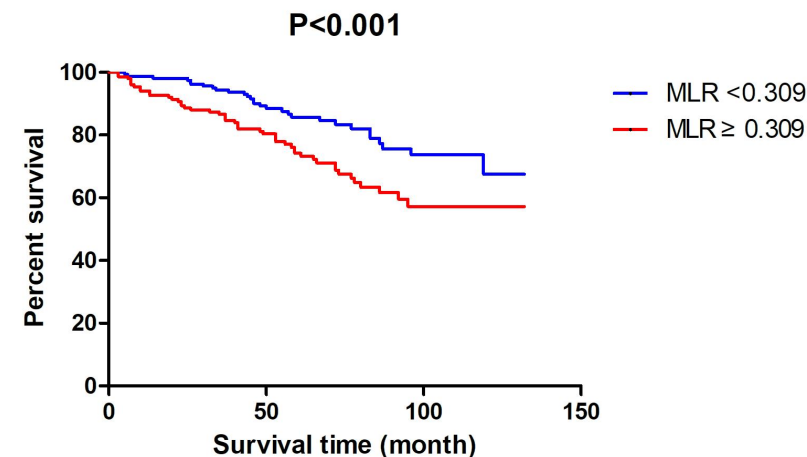
**Supplementary Figure 3.** The Kaplan-Meier curves for all-cause mortality for NLR, MLR, SIRI and NLR + MLR + SIRI in age <60 years participants, respectively.

Age  $\geq 60$  years



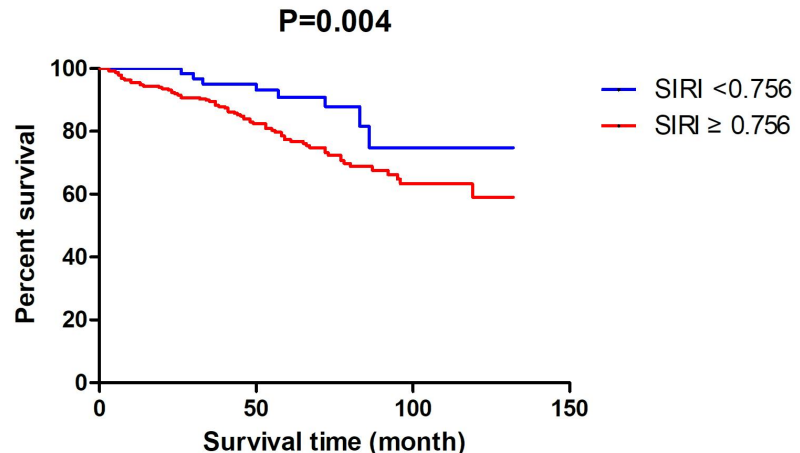
Number at risk

|                    |     |     |     |     |
|--------------------|-----|-----|-----|-----|
| — NLR < 1.516      | 73  | 65  | 61  | 61  |
| — NLR $\geq 1.516$ | 283 | 222 | 184 | 182 |



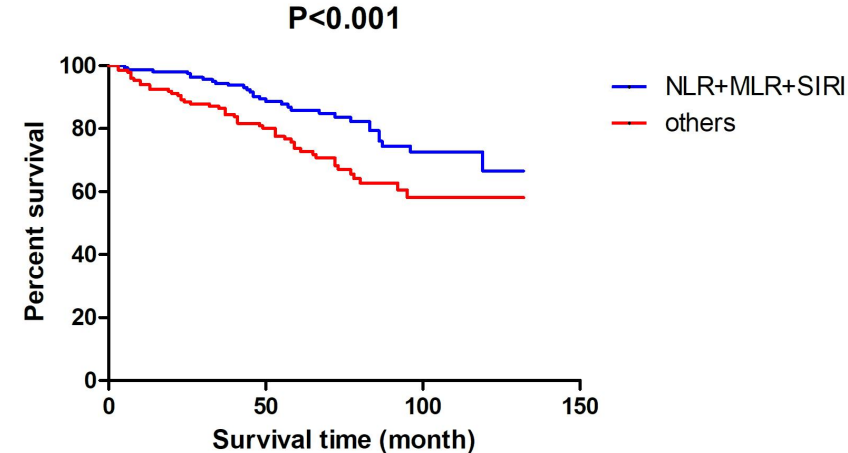
Number at risk

|                    |     |     |     |     |
|--------------------|-----|-----|-----|-----|
| — MLR < 0.309      | 196 | 169 | 151 | 149 |
| — MLR $\geq 0.309$ | 160 | 118 | 94  | 94  |



Number at risk

|                     |     |     |     |     |
|---------------------|-----|-----|-----|-----|
| — SIRI < 0.756      | 76  | 68  | 61  | 61  |
| — SIRI $\geq 0.756$ | 280 | 219 | 184 | 182 |

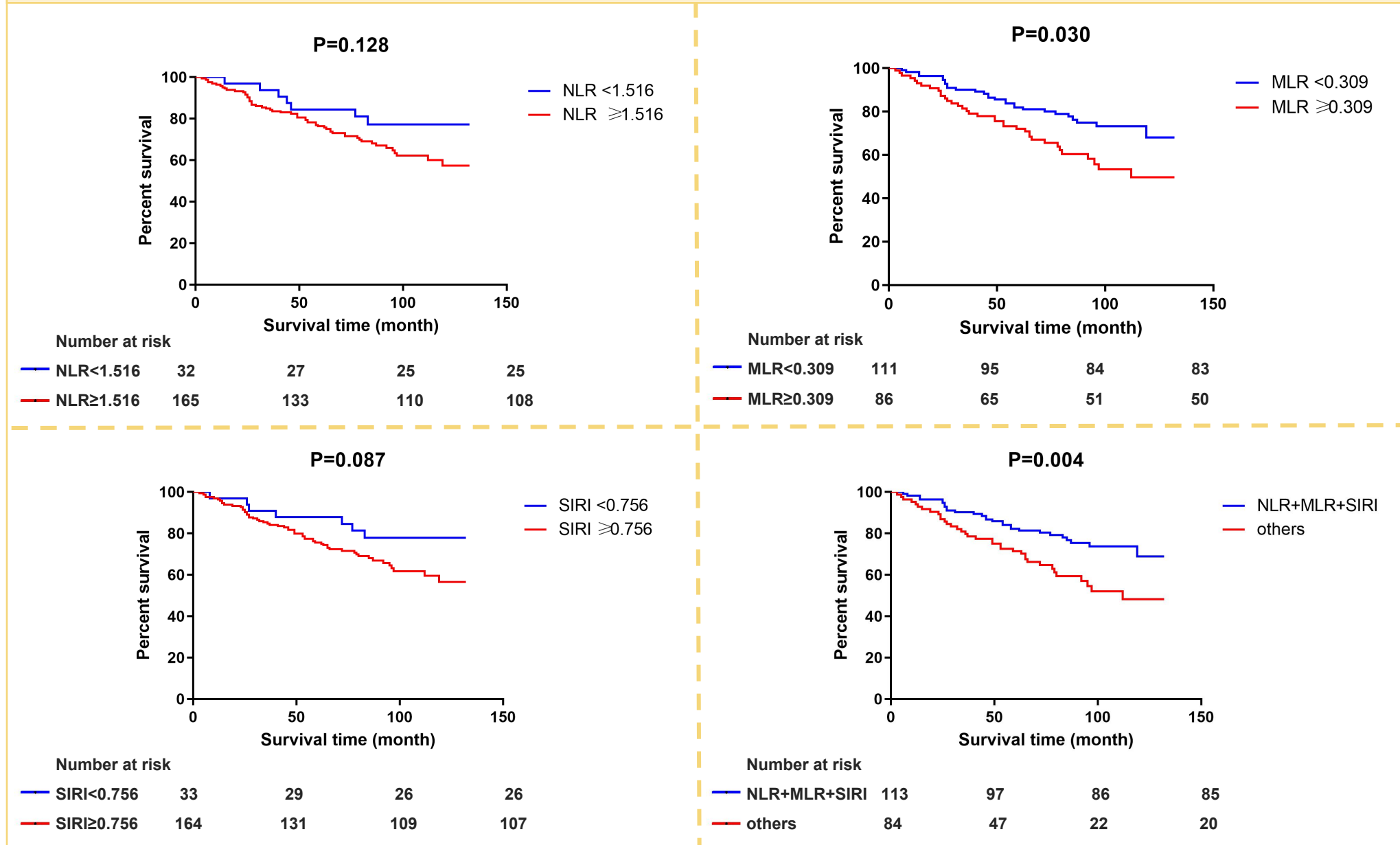


Number at risk

|                |     |     |     |     |
|----------------|-----|-----|-----|-----|
| — NLR+MLR+SIRI | 199 | 172 | 153 | 151 |
| — others       | 157 | 115 | 92  | 92  |

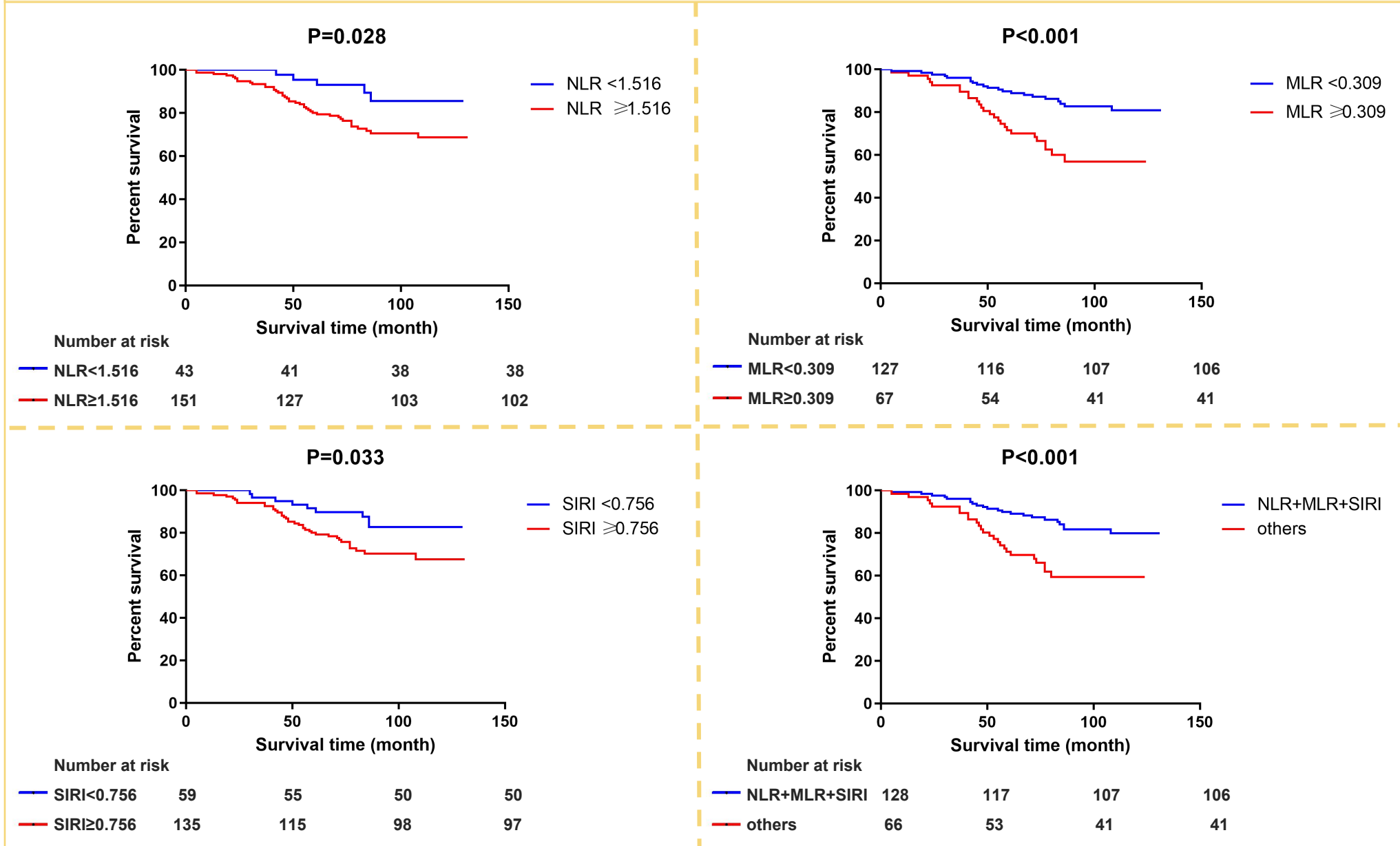
**Supplementary Figure 4.** The Kaplan-Meier curves for all-cause mortality for NLR, MLR, SIRI and NLR + MLR + SIRI in age  $\geq 60$  years participants, respectively.

## Treated with insulin



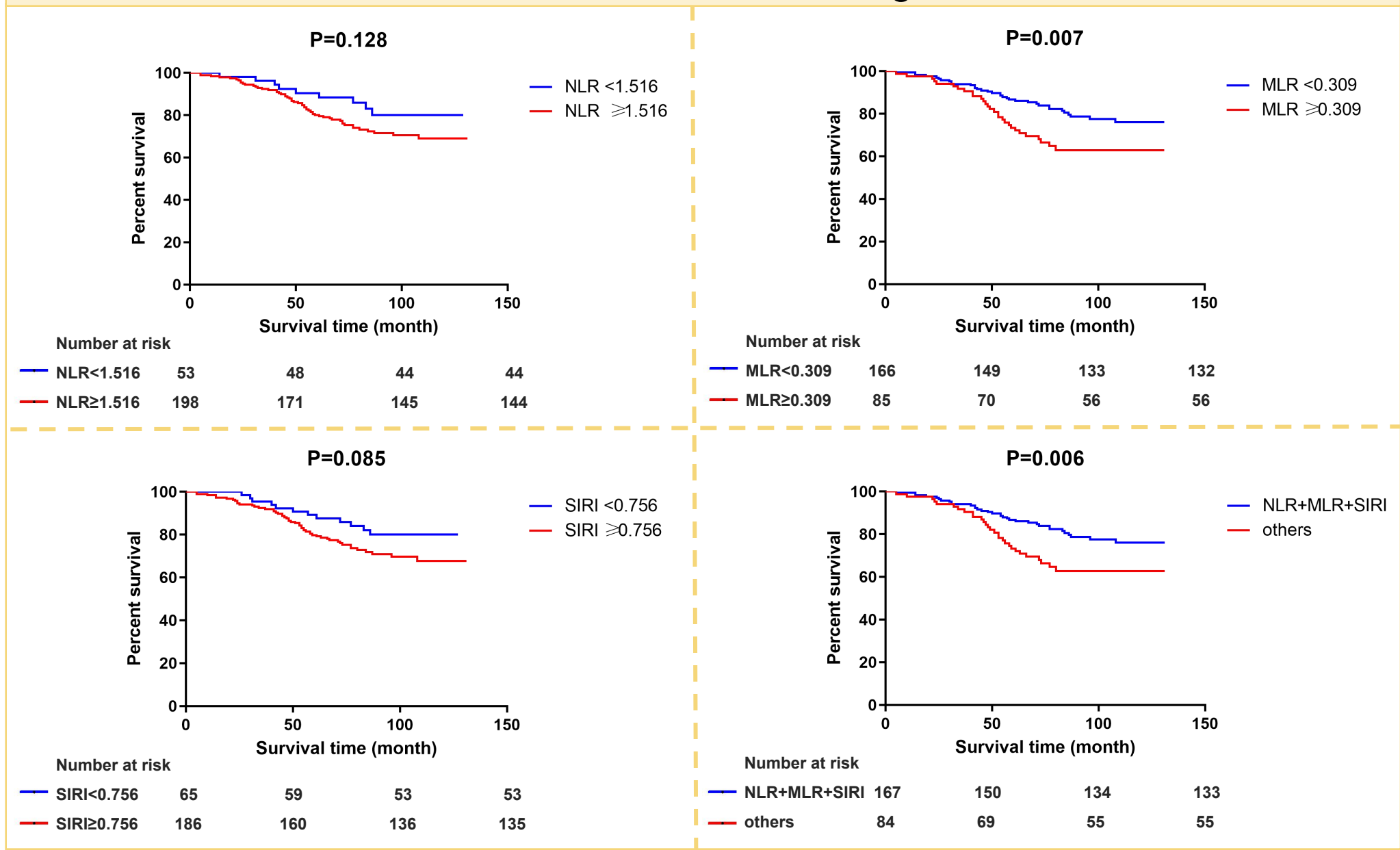
**Supplementary Figure 5.** The Kaplan-Meier curves for all-cause mortality for NLR, MLR, SIRS and NLR + MLR + SIRS in participants treated with insulin, respectively.

## Treated without insulin



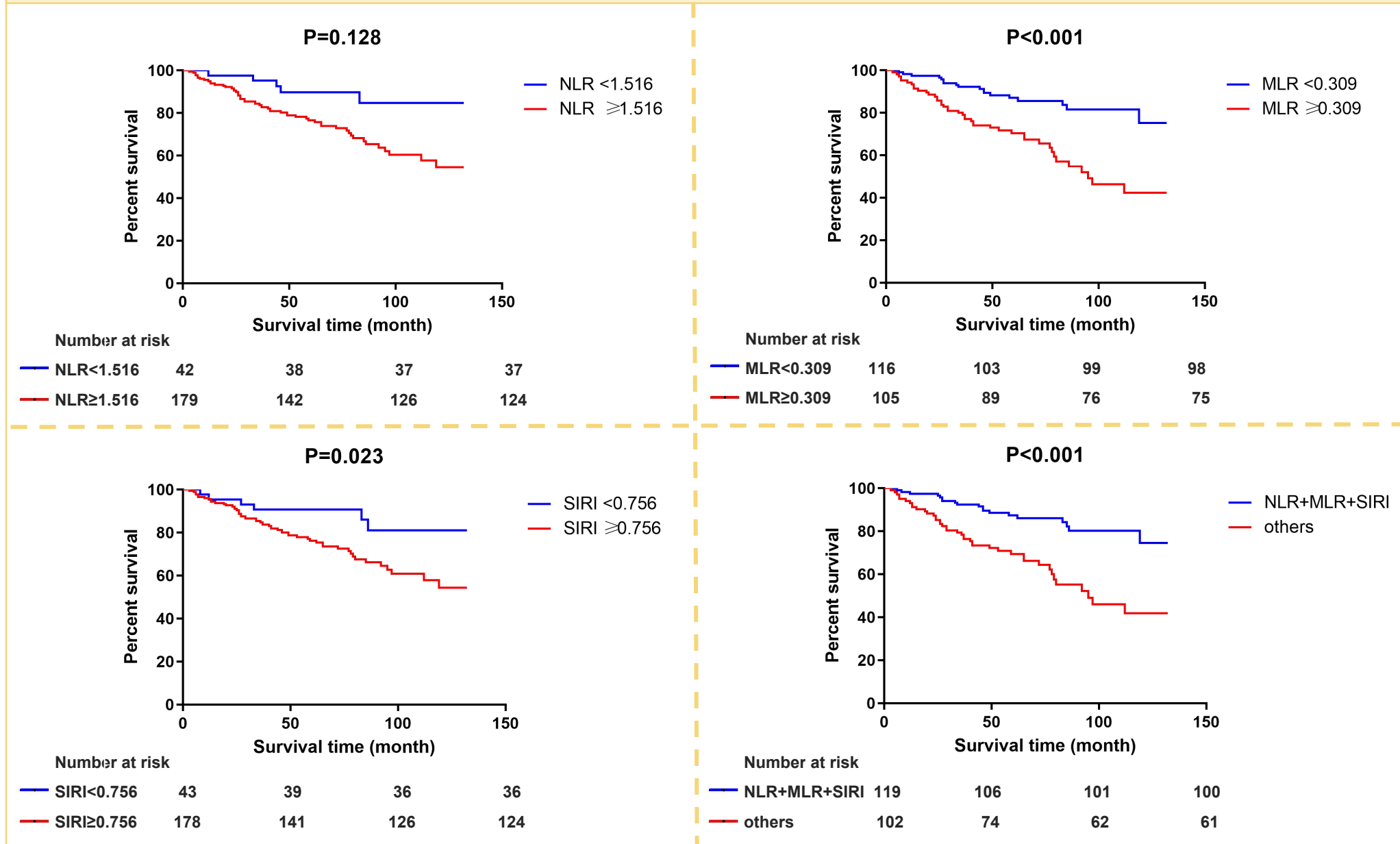
**Supplementary Figure 6.** The Kaplan-Meier curves for all-cause mortality for NLR, MLR, SIRI and NLR + MLR + SIRI in participants treated without insulin, respectively.

Treated with antidiabetic drugs



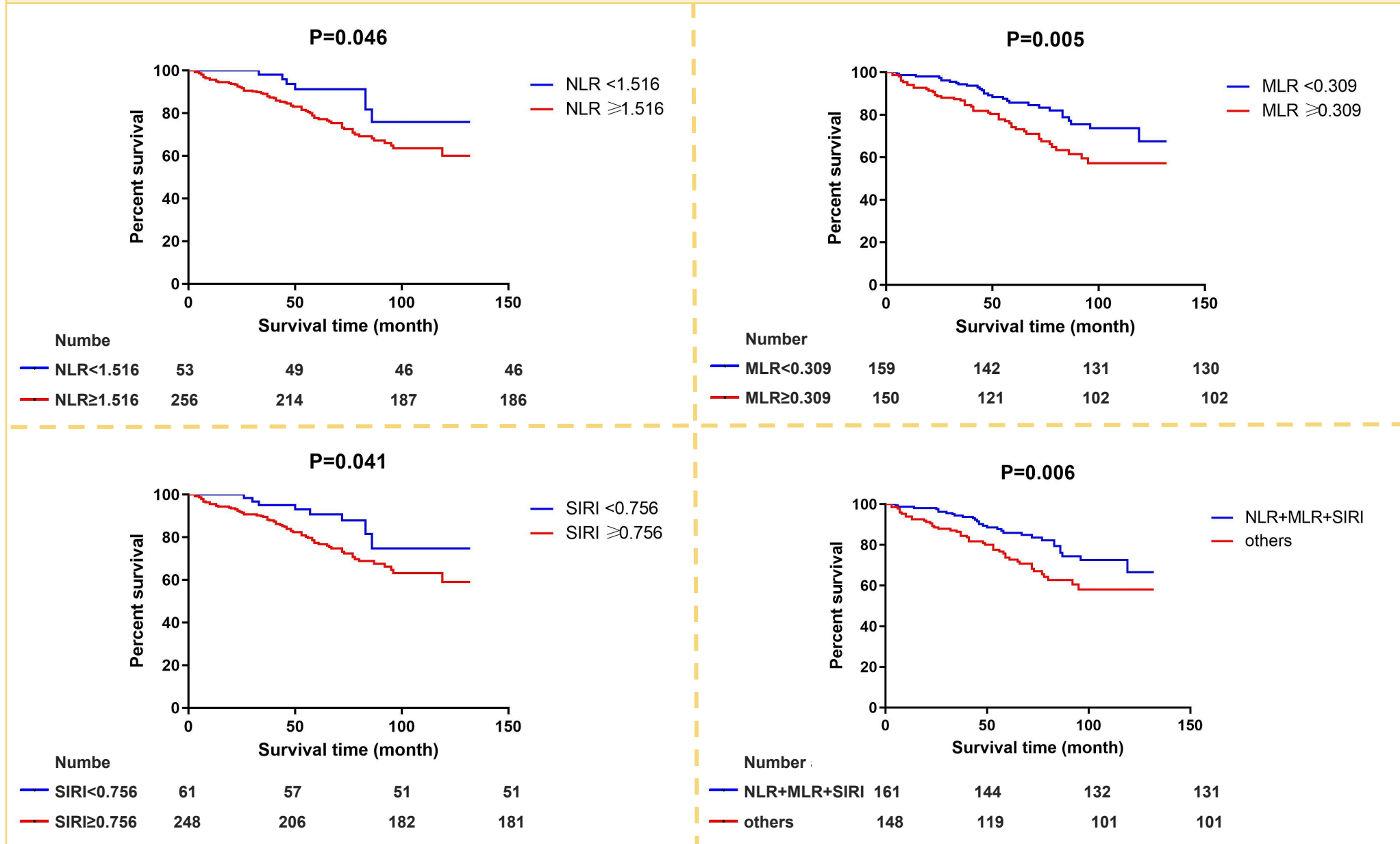
**Supplementary Figure 7.** The Kaplan-Meier curves for all-cause mortality for NLR, MLR, SIRI and NLR + MLR + SIRI in participants treated with antidiabetic drugs, respectively.

## Treated without antidiabetic drugs



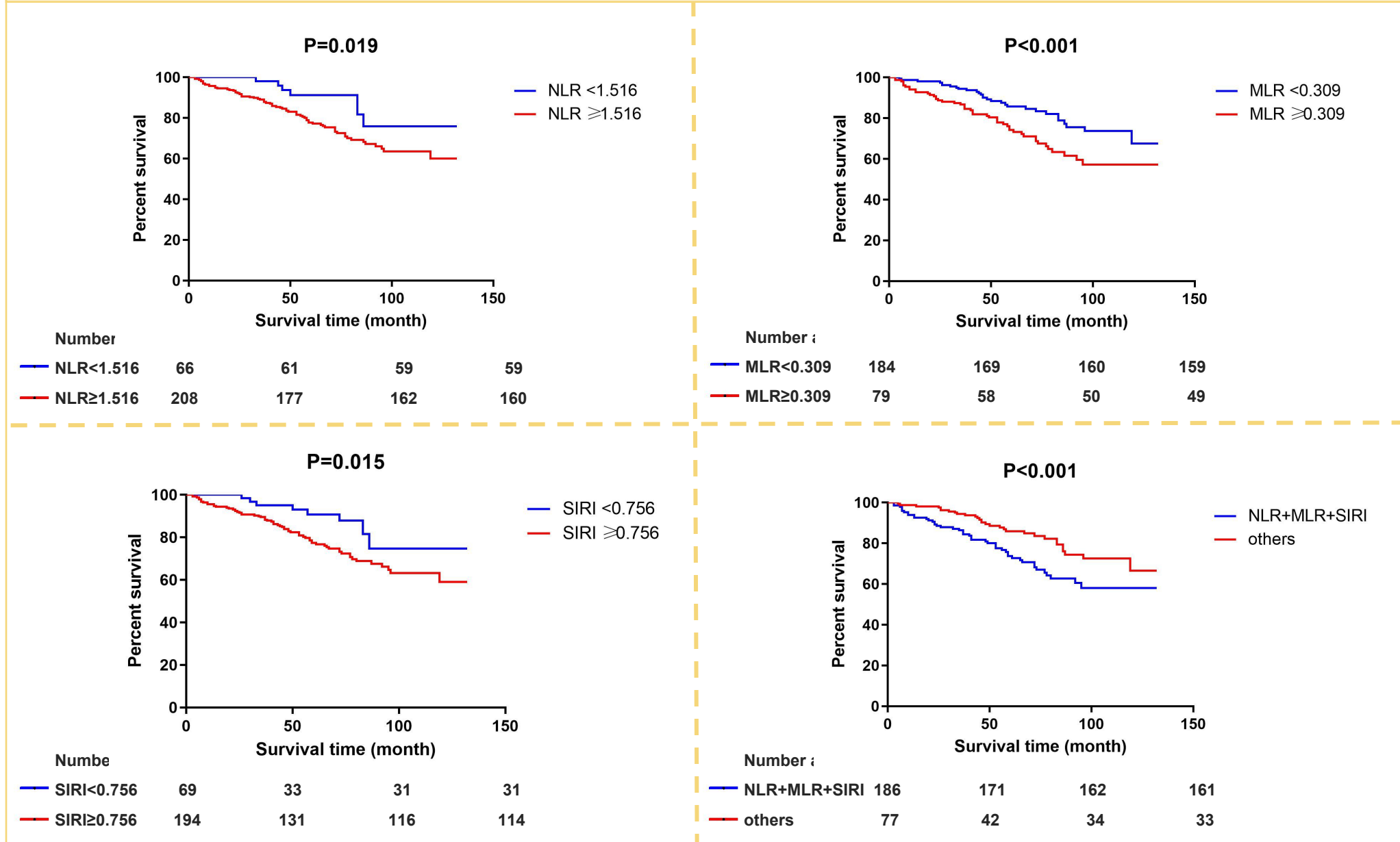
**Supplementary Figure 8.** The Kaplan-Meier curves for all-cause mortality for NLR, MLR, SIRS and NLR + MLR + SIRS in participants treated without antidiabetic drugs, respectively.

## Male



**Supplementary Figure 9.** The Kaplan-Meier curves for all-cause mortality for NLR, MLR, SIRI and NLR + MLR + SIRI in male participants, respectively.

## Female



**Supplementary Figure 11.** The Kaplan-Meier curves for all-cause mortality for NLR, MLR, SIRI and NLR + MLR + SIRI in female participants, respectively.