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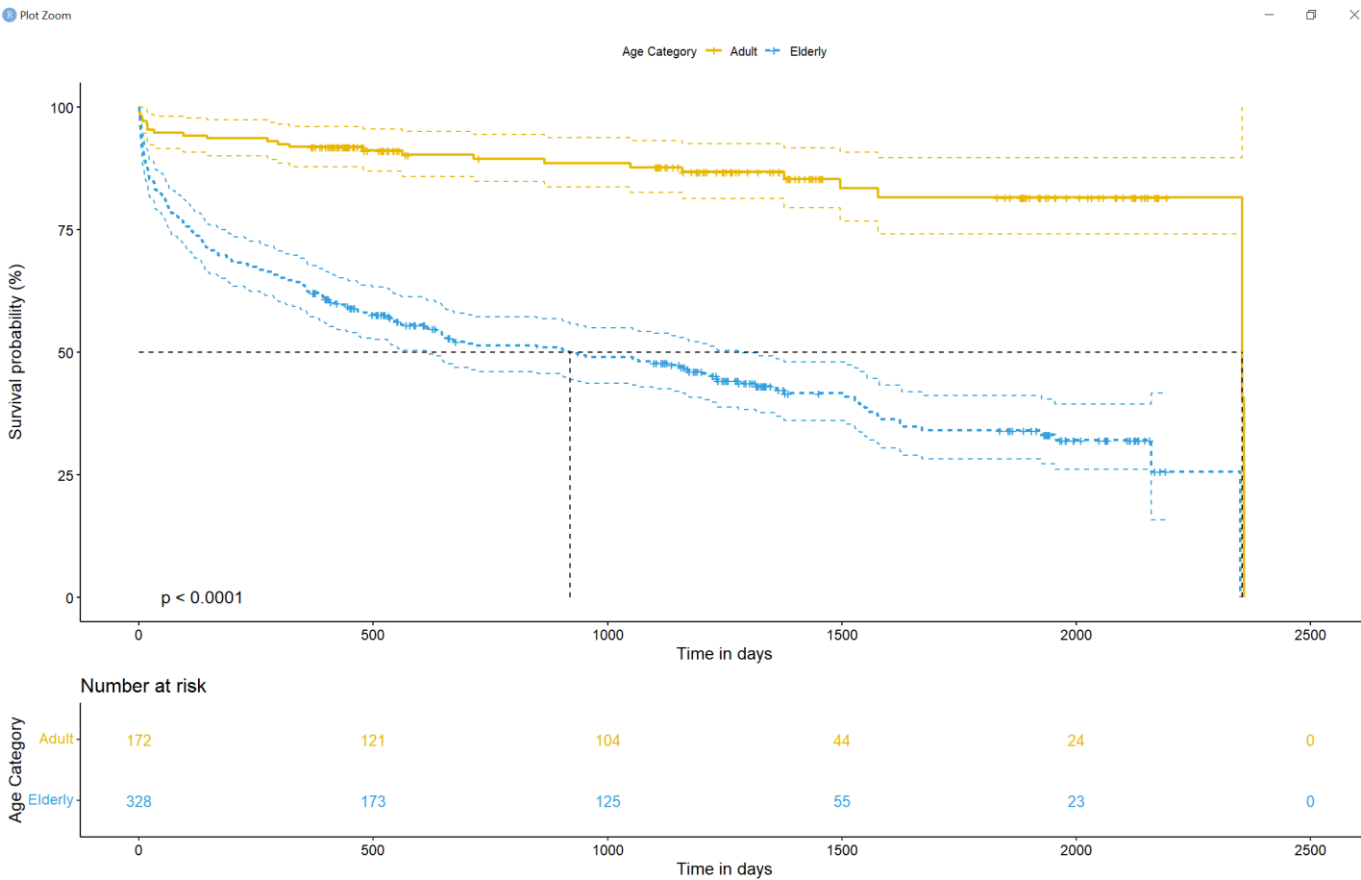
Universitas Padjadjaran

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Questions:

1. **Is there any survival difference between adult and elderly patients (i.e. ≥ 65 years old)?**
   Yes, there is. The resulting p-value for the log rank test was less than 0.05, indicates that the survival between the two groups is significantly different.

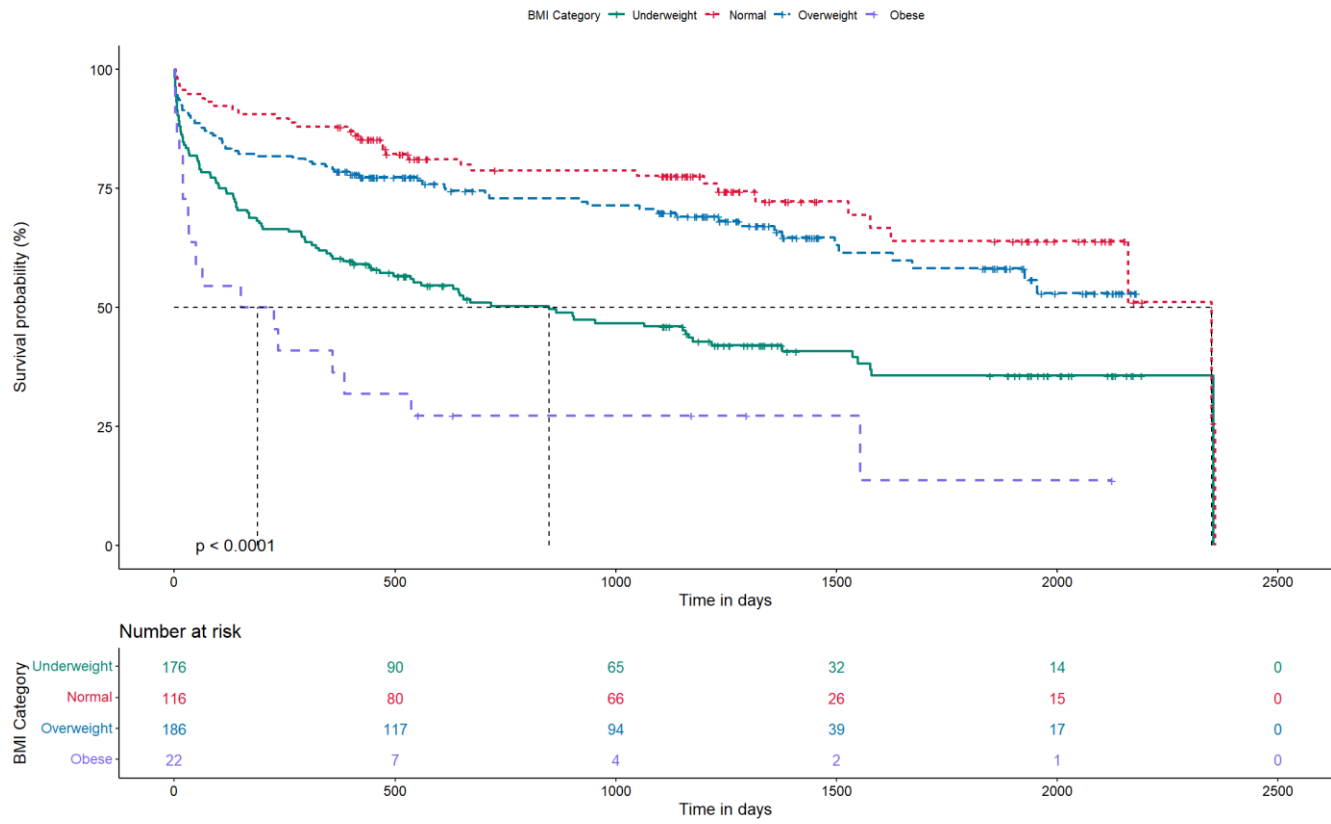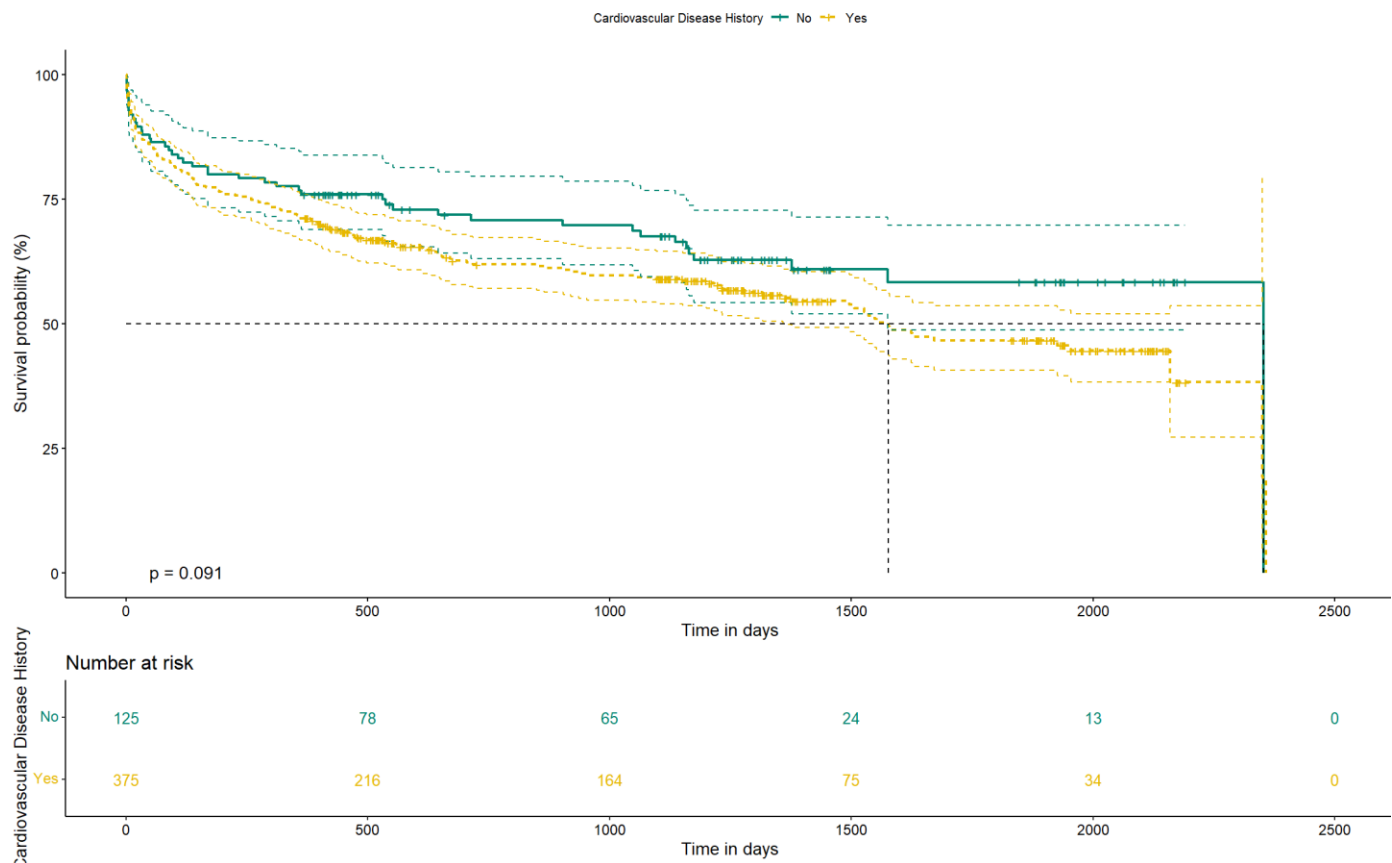**2. Is there any survival difference between patients based on their BMI category?**

Yes, there is. The resulting p-value for the log rank test was less than 0.05, indicates that the survival between the two groups is significantly different.

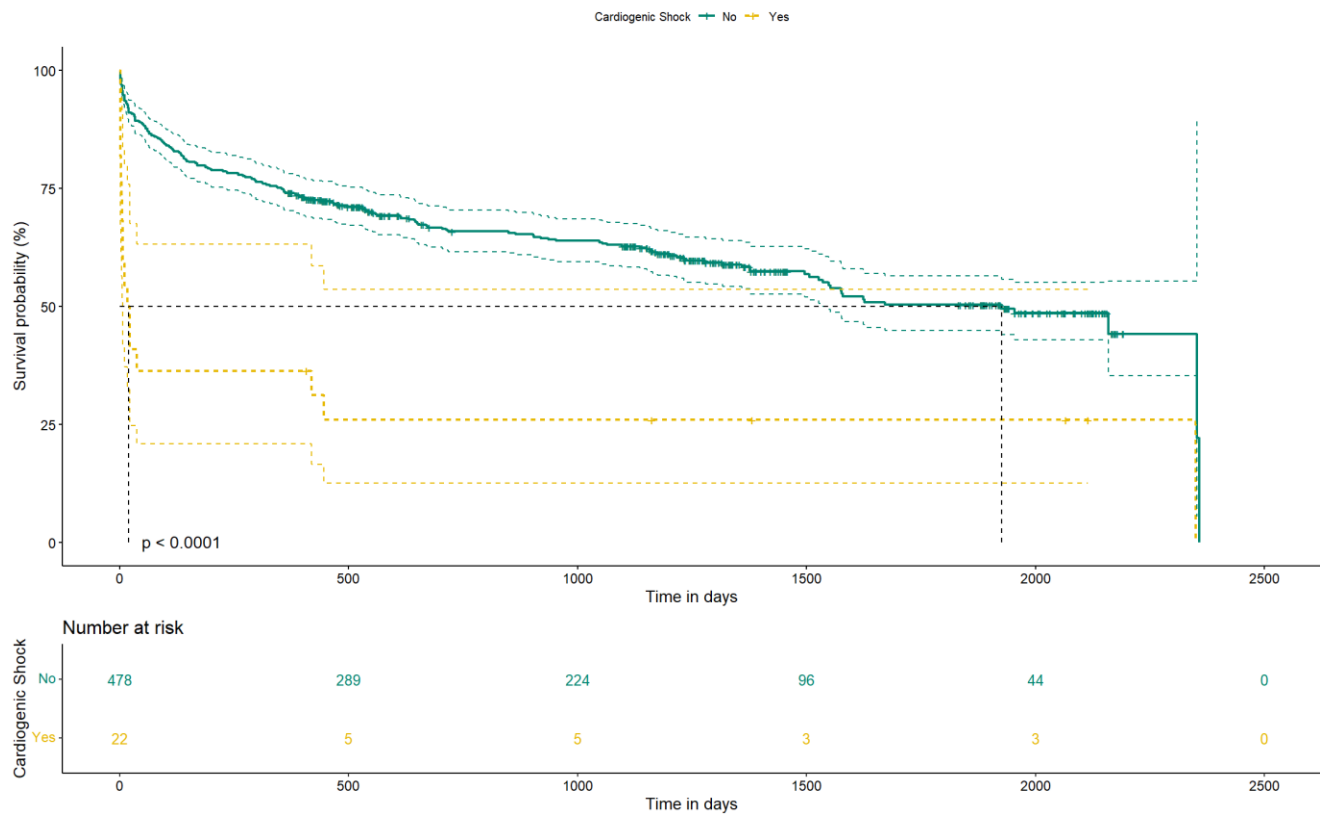| Name	Type	Value
diff_bmi	list [7] (S3: survdiff)	List of length 7
n	integer [4] (S3: table)	176 116 186 22
obs	double [4]	102 33 63 17
exp	double [4]	68.31 57.74 82.94 6.01
var	double [4 x 4]	46.27 -18.06 -26.27 -1.94 -18.06 41.31 -21.71 -1.54 -26.27 -21.71 50.29 -2 …
chisq	double [1]	52.7668
pvalue	double [1]	2.055723e-11
call	language	survdiff(formula = surv_object ~ cat_bmi, data = tugas_analisis_kesintasan, …

3. Is there any survival difference between patients with and without history of cardiovascular disease?

No, there is not. The resulting p-value for the log rank test was more than 0.05, indicates that survival between the two groups is not significantly different.

Name	Type	Value
diff_cvd	list [7] (S3: survdiff)	List of length 7
n	integer [2] (S3: table)	125 375
obs	double [2]	45 170
exp	double [2]	55.8 159.2
var	double [2 x 2]	41.1 -41.1 -41.1 41.1
chisq	double [1]	2.861478
pvalue	double [1]	0.09072412
call	language	survdiff(formula = surv_object ~ cat_cvd, data = tugas_analisis_kesintasan, …

4. Is there any survival difference between patients with and without cardiogenic shock?
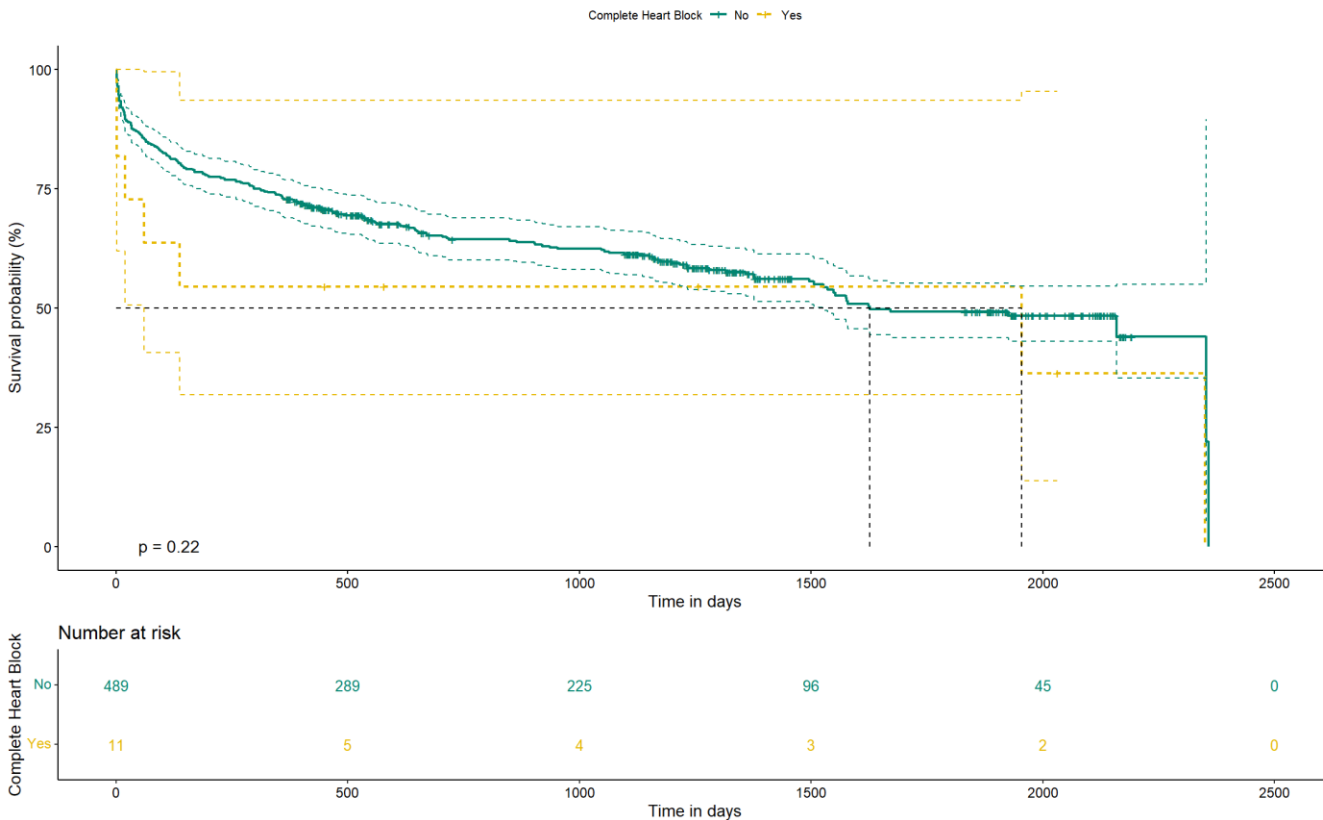
Yes, there is. The resulting p-value for the log rank test was less than 0.05, indicates that the survival between the two groups is significantly different.

Name	Type	Value
diff_sho	list [7] (S3: survdiff)	List of length 7
n	integer [2] (S3: table)	478 22
obs	double [2]	198 17
exp	double [2]	209.33 5.67
var	double [2 x 2]	5.39 -5.39 -5.39 5.39
chisq	double [1]	23.83646
pvalue	double [1]	1.048771e-06
call	language	survdiff(formula = surv_object ~ cat_sho, data = tugas_analisis_kesintasan, ...

5. Is there any survival difference between patients with and without complete heart block?
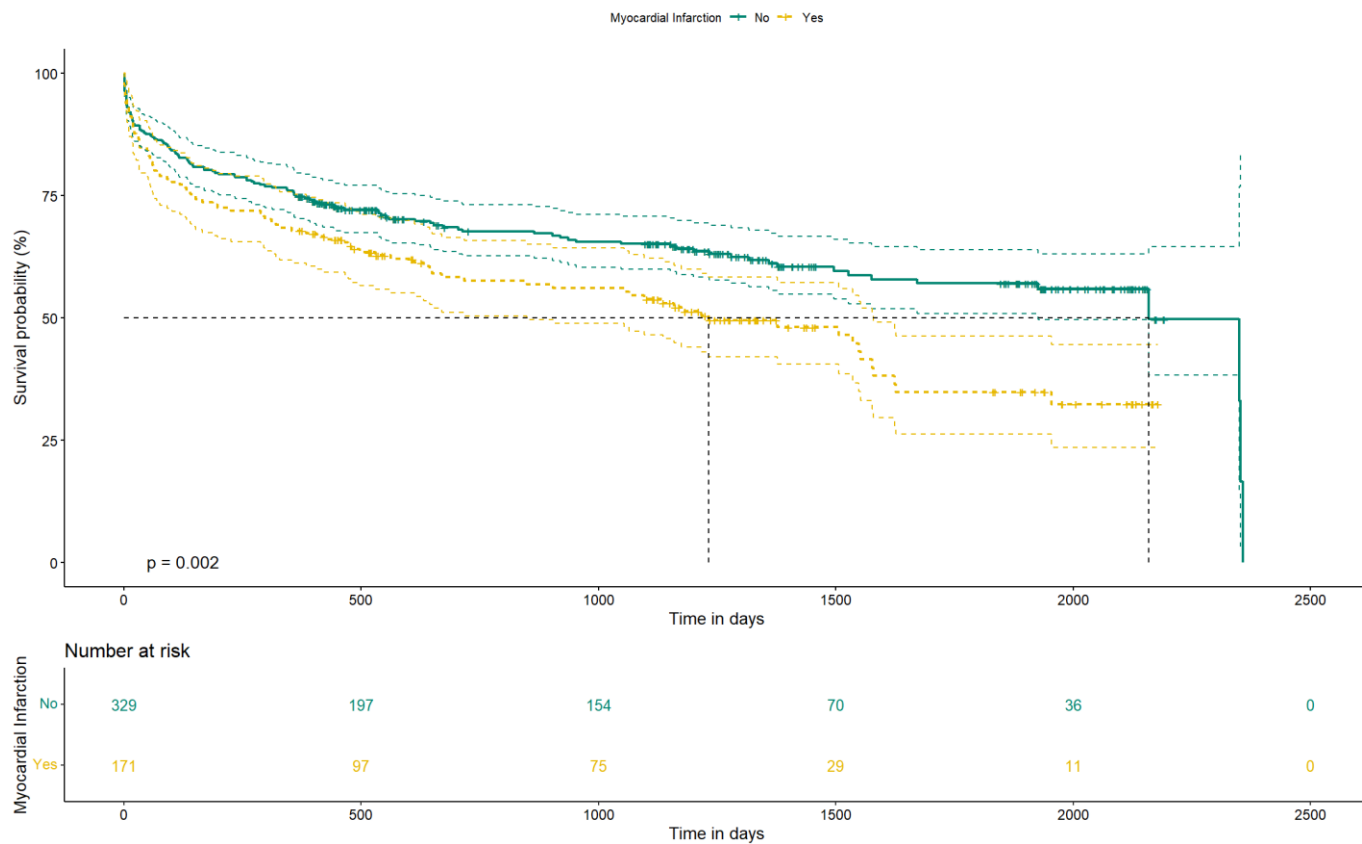No, there is not. The resulting p-value for the log rank test was more than 0.05, indicates that the survival between the two groups is not significantly different.

Name	Type	Value
⏷ diff_av3	list [7] (S3: survdiff)	List of length 7
⏵ n	integer [2] (S3: table)	489 11
obs	double [2]	208 7
exp	double [2]	210.54 4.46
var	double [2 x 2]	4.25 -4.25 -4.25 4.25
chisq	double [1]	1.523598
pvalue	double [1]	0.2170758
⏵ call	language	survdiff(formula = surv_object ~ cat_av3, data = tugas_analisis_kesintasan, …

6. Is there any survival difference between patients with first and recurrent MI?
Yes, there is. The resulting p-value for the log rank test was less than 0.05, indicates that the survival between the two groups is significantly different.

Name	Type	Value
diff_miord	list [7] (S3: survdiff)	List of length 7
n	integer [2] (S3: table)	329 171
obs	double [2]	125 90
exp	double [2]	146.1 68.9
var	double [2 x 2]	46.3 -46.3 -46.3 46.3
chisq	double [1]	9.570562
pvalue	double [1]	0.001977223
call	language	survdiff(formula = surv_object ~ cat_miord, data = tugas_analisis_kesintasan, ...)