

Supplemental Table 1. Echocardiographic and hemodynamic differences between the groups without mild MR pigs

	Group difference				Multiple logistic regression		
	Early death (n=13)	Survived (n=24)	p-value	AUC	Odds Ratio	95% CI	p-value
EROA (mm ²)	0.20±0.06	0.14±0.06	0.03	0.72			
RF (%)	60.2±9.3	49.7±12.3	0.01	0.73	1.18	1.02 - 1.35	0.02
MR volume (ml)	22.5±7.1	17.8±6.7	0.05	0.7			
MR degree			0.02	0.7			
Mild	0	0					
Moderate	2	12					
Severe	11	10					
MR jet			0.12	0.63			
Central	11	13					
Eccentric	2	11					
Vena contracta (mm)	5.9±1.4	5.0±1.2	0.04	0.69	3.2	1.14 - 8.99	0.03
MR area (cm ²)	4.0±1.1	3.6±1.3	0.47	0.61			
LA area (cm ²)	7.1±1.3	8.0±1.8	0.15	0.64			
MR/LA ratio (%)	57±16	45±10	0.009	0.76			
mean LAP (mmHg)	19.5±7.7	13.0±4.3	0.01	0.75	1.48	1.04 - 2.12	0.03
LA a wave (mmHg)	27.8±8.1	24.7±7.7	0.26	0.62			
LA v wave (mmHg)	32.2±11.9	23.7±7.9	0.03	0.7			
LV ESP (mmHg)	87±19	91±12	0.37	0.56			
LV EDP(mmHg)	19.7±7.6	16.1±6.7	0.15	0.66			
LV DP (mmHg)	66.9±22.3	75.4±13.3	0.17	0.61			
HR (bpm)	112±24	100±19	0.1	0.64			

p-values are from paired T-test. Abbreviations: AUC=area under the Receiver Operating Characteristic curve, CI=Confidence Interval, DP=developed pressure, EDP=end-diastolic pressure, ESP=end-systolic pressure, EROA=effective regurgitant orifice area, HR=heart rate, LA=left atrium, LV=left ventricle, MR=mitral regurgitation, RF=regurgitant fraction