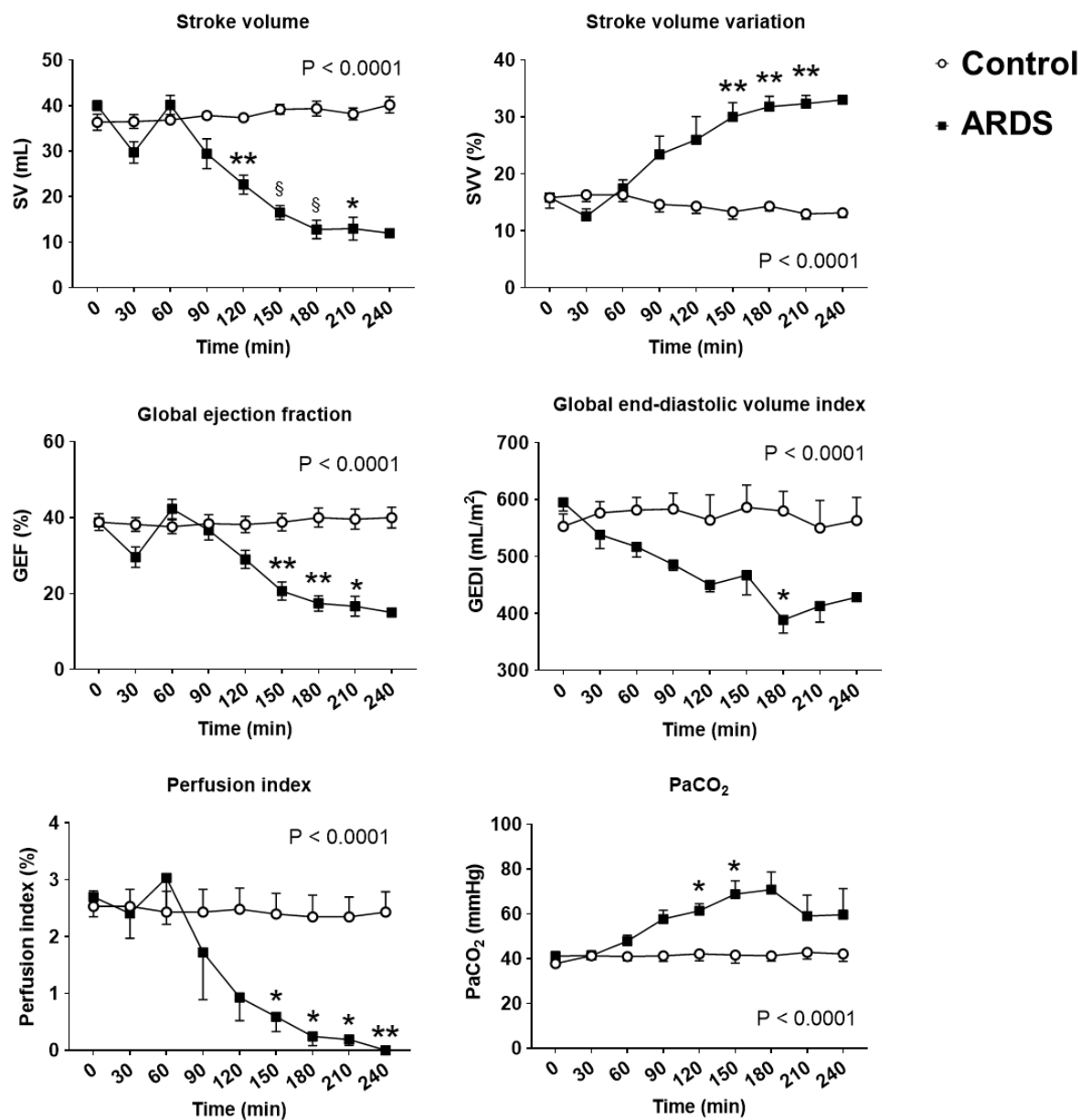**Diagnostic value of transpulmonary thermodilution measurements for acute respiratory distress syndrome in a pig model**

Yusuke Endo, Taku Miyasho, Kanako Endo, Yoshio Kawamura, Kenjiro Miyoshi, Ryosuke Takegawa, Takashi Tagami, Lance B. Becker, Kei Hayashida
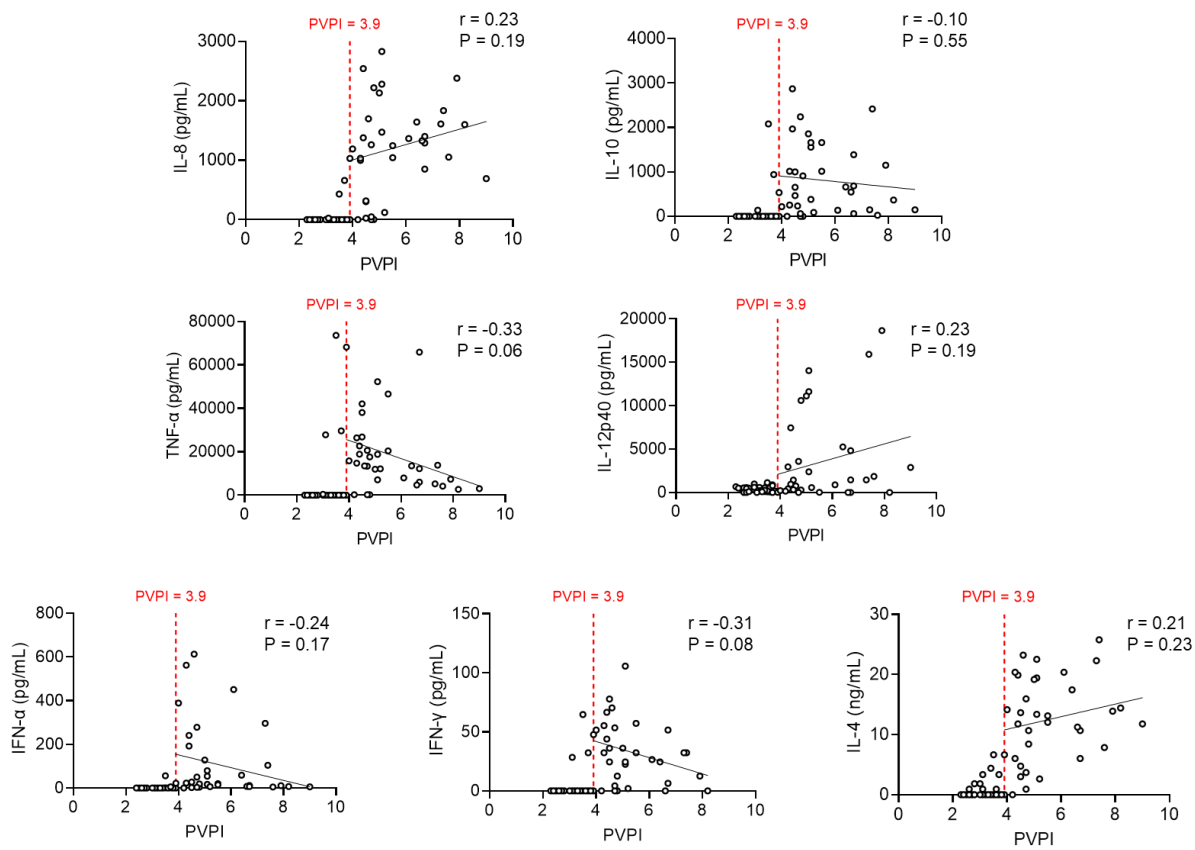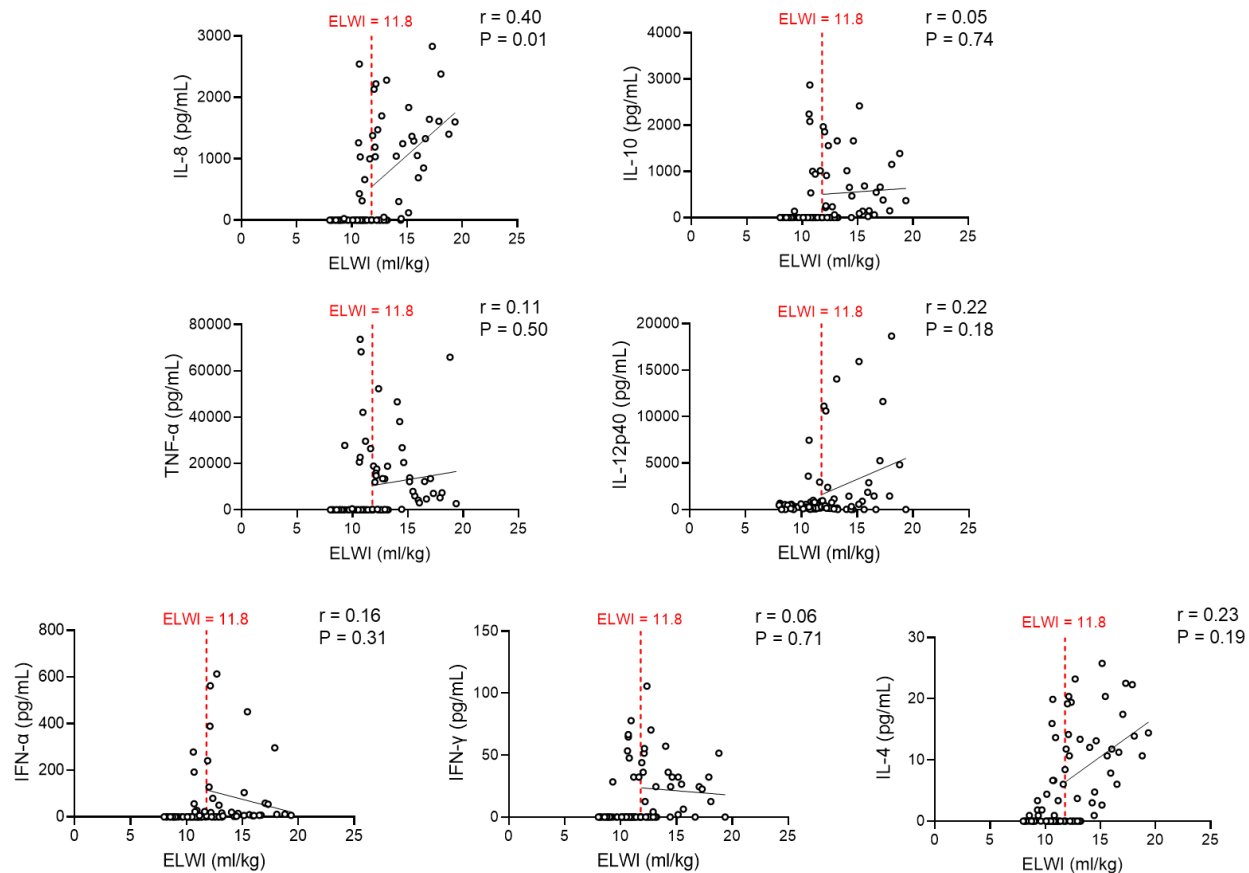
Supplementary materials

Supplemental figure legends

Supplementary Figure 1. Changes in hemodynamic parameters (mixed-effect model, P < 0.0001 for all). n=6 for the control group, n=7 for ARDS group. * *P* < 0.05, ** *P* < 0.01, ‡ *P* < 0.001, and § *P* < 0.0001 between each group. SV, stroke volume; GEF, global ejection fraction; GEDI, global end-diastolic volume index; and SVV, stroke volume variation.
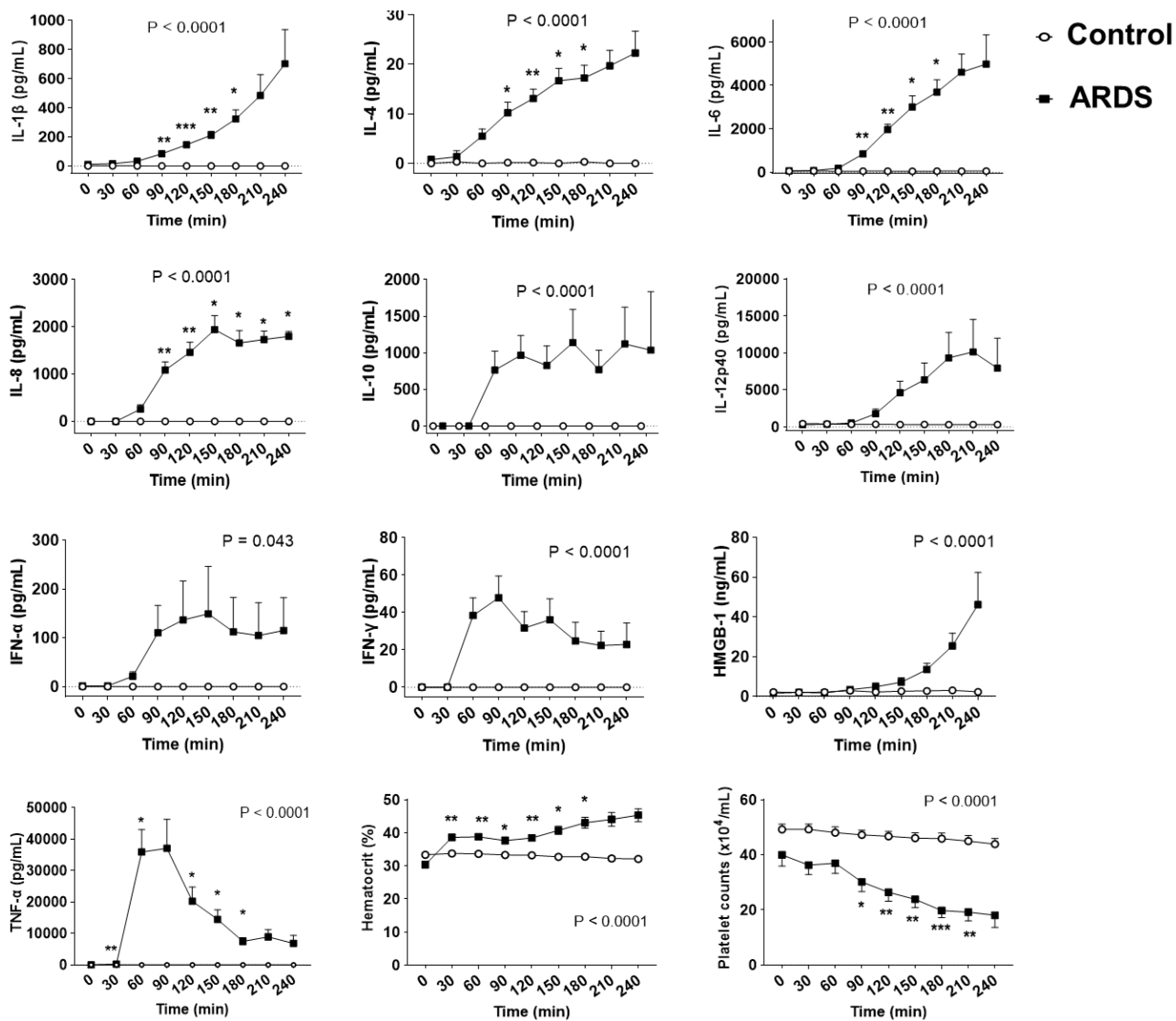
Supplementary Figure 2. Changes in inflammatory markers, hematocrit, and platelet counts during the experiment (mixed-effect model, P < 0.0001 for all). n=6 for the control group, n=7 for ARDS group. * P < 0.05, ** P < 0.01, ‡ P < 0.001, and § P < 0.0001 between each group.

Supplementary Figure 3. Correlations between the pulmonary vascular permeability index (PVPI) and experimental parameters in a subgroup of animals with PVPI >3.9.

Supplementary Figure 4. Correlations between extravascular lung water index (ELWI) and experimental parameters in a subgroup of animals with ELWI > 11.8.