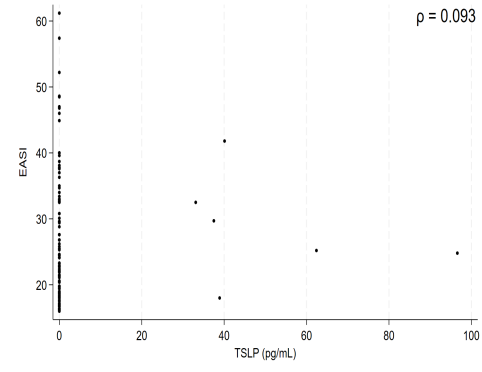
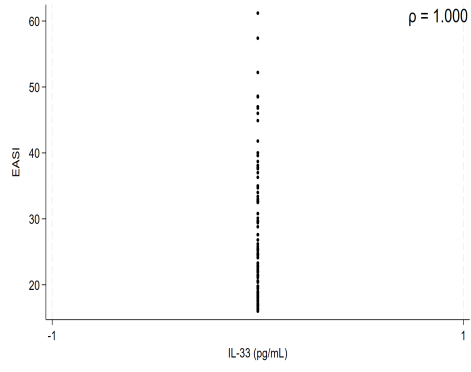
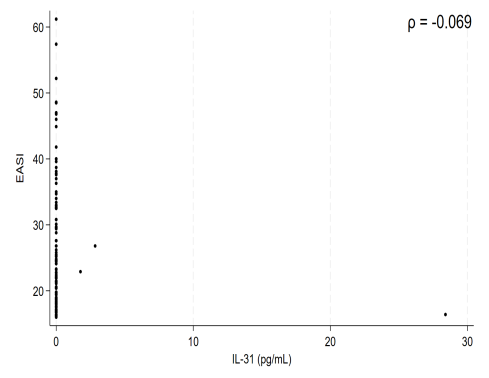
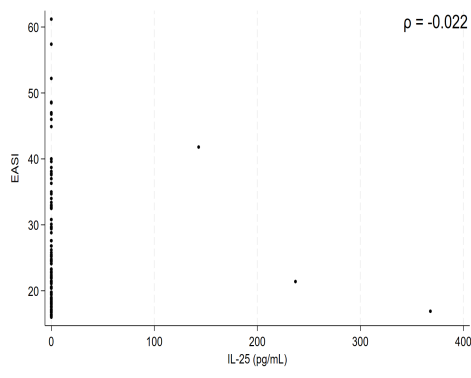
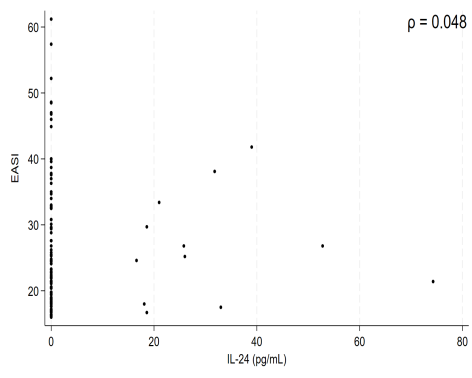
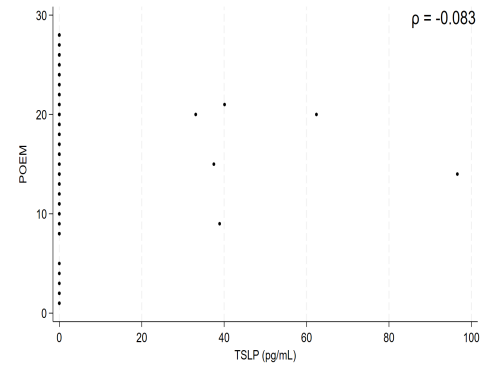
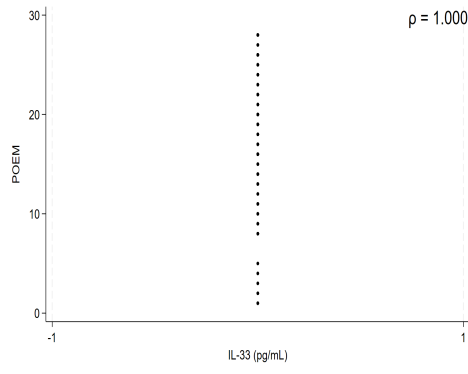
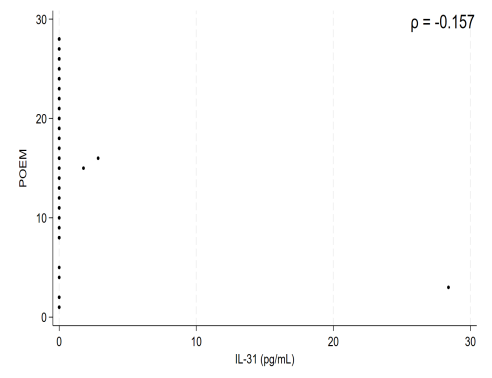
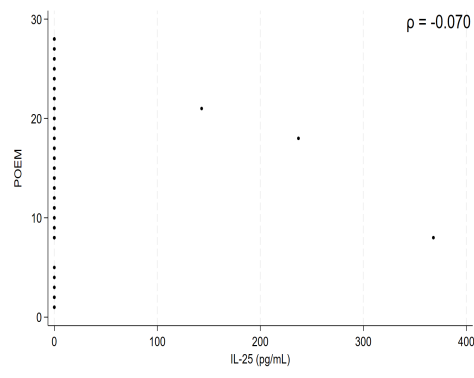
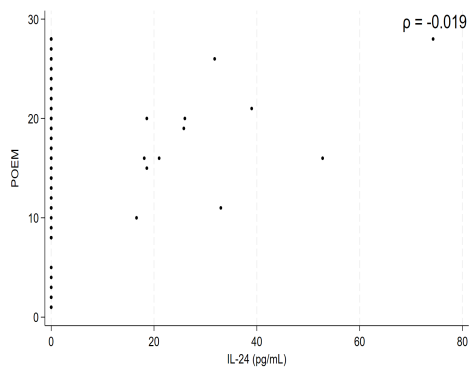
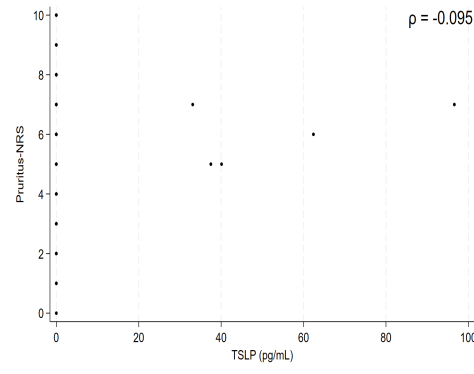
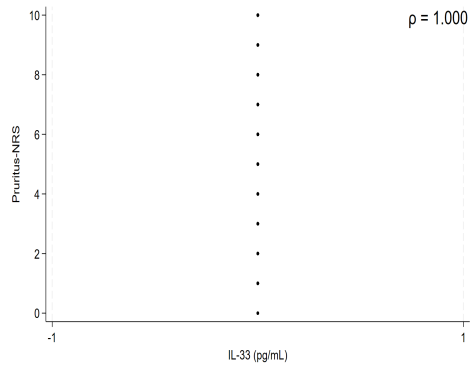
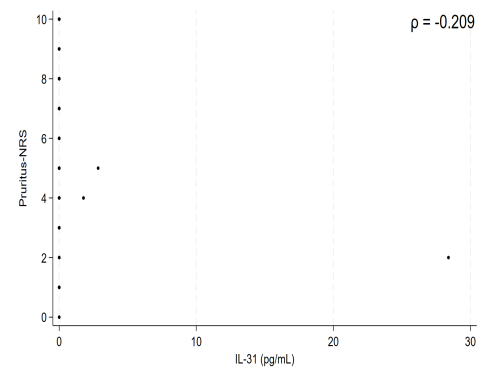
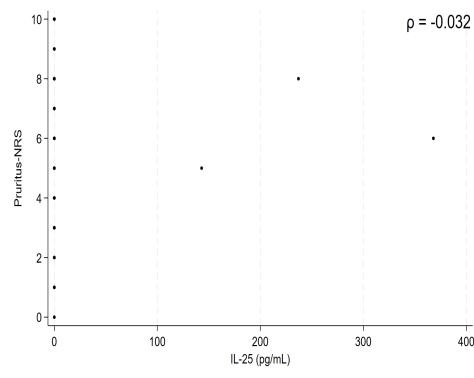
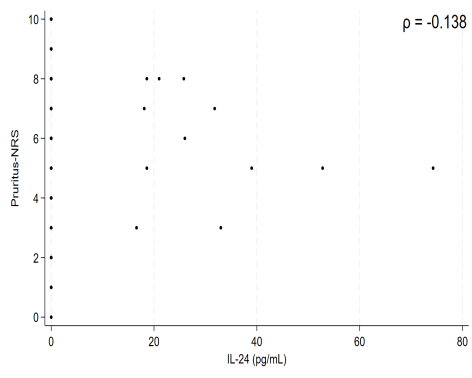


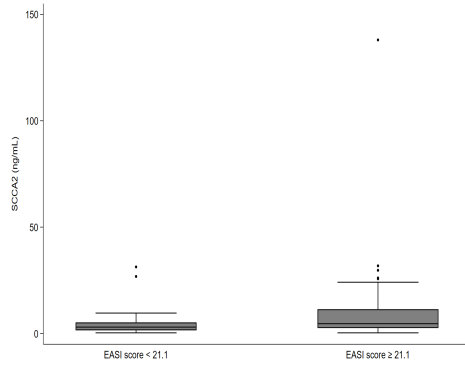
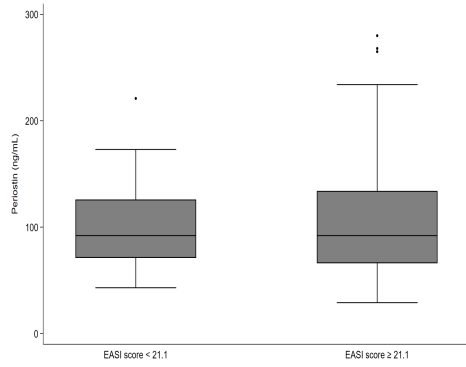
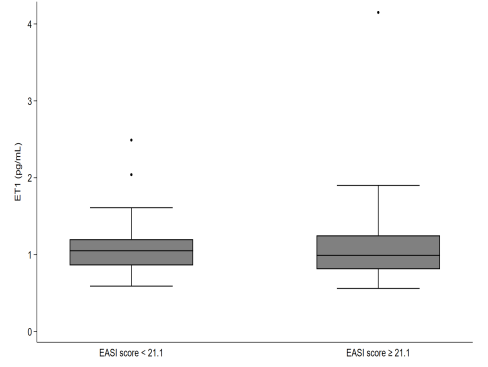
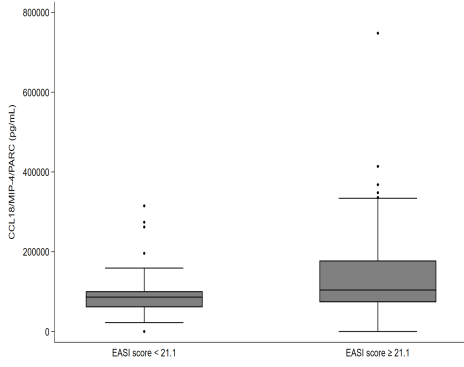
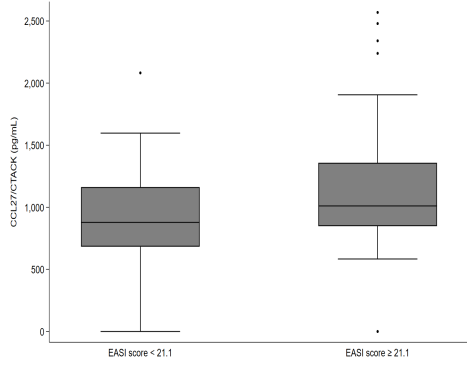
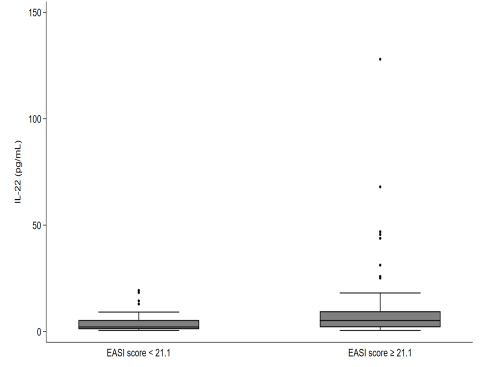
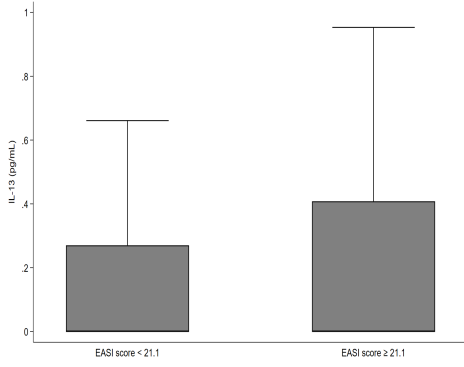
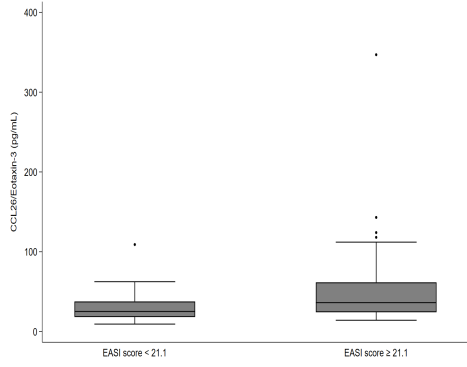
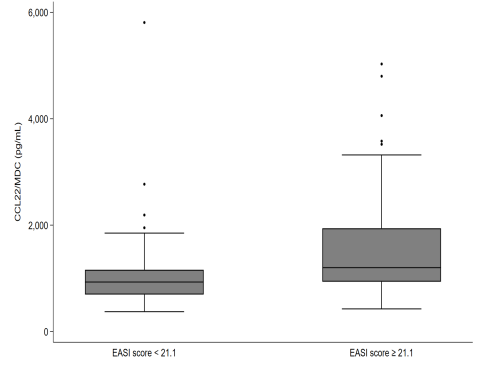
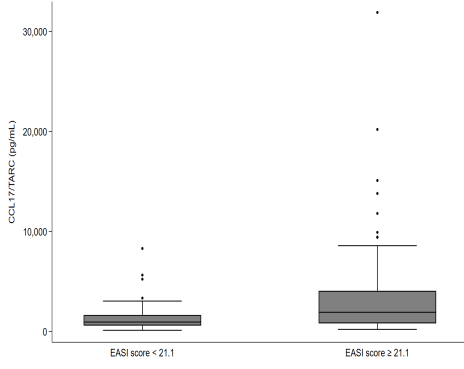
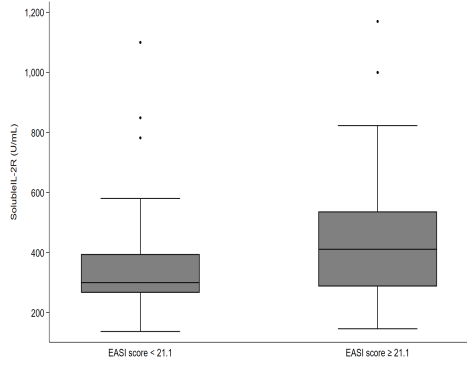
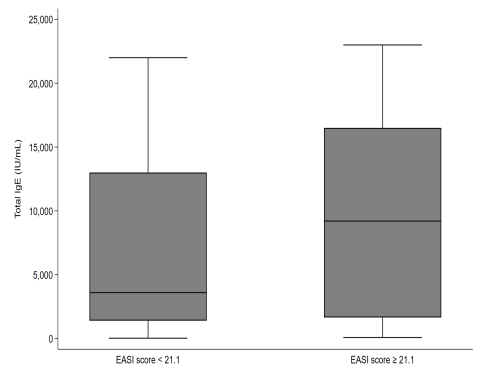
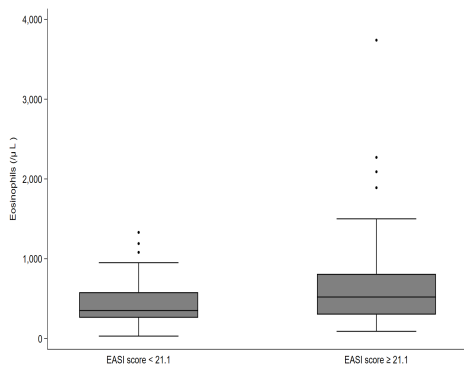
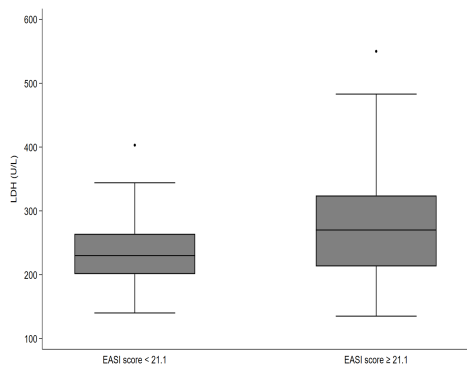
**Table S1 Baseline characteristics of the subjects**

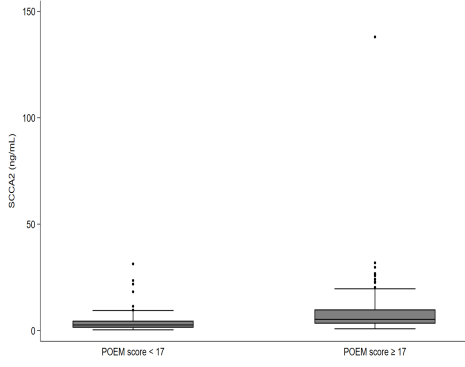
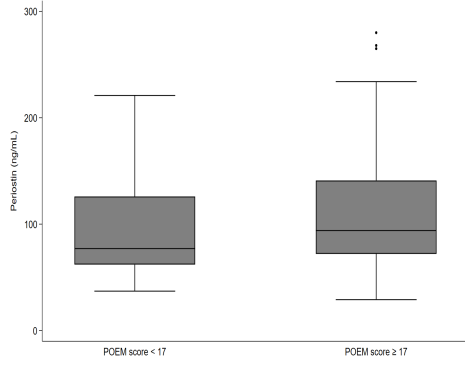
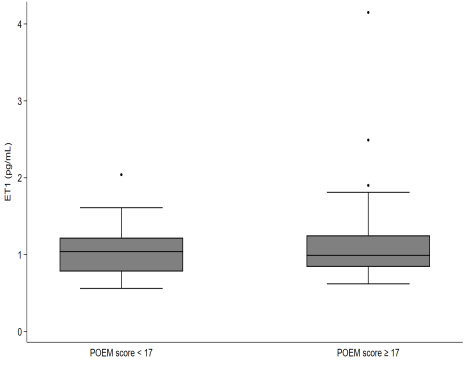
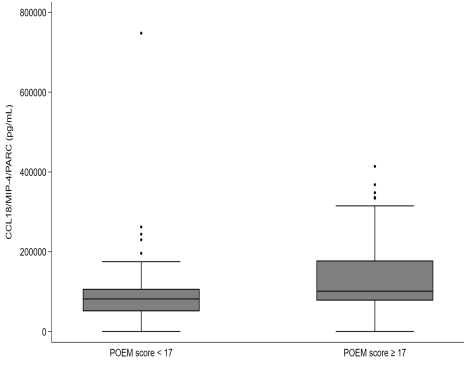
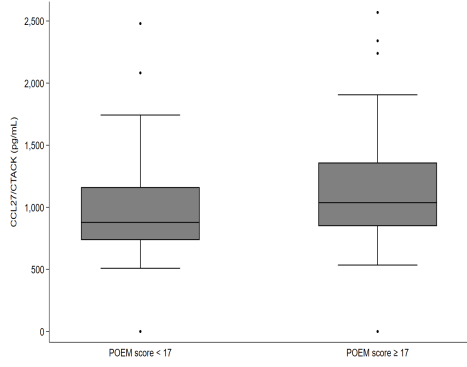
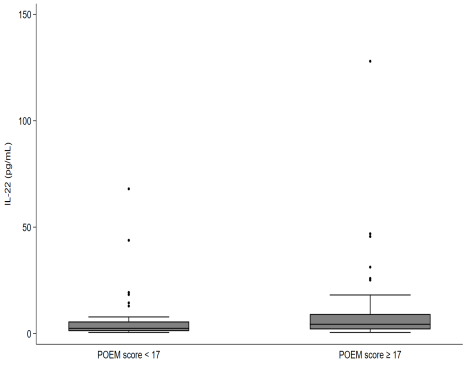
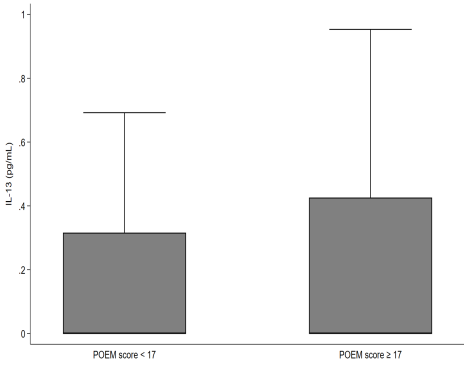
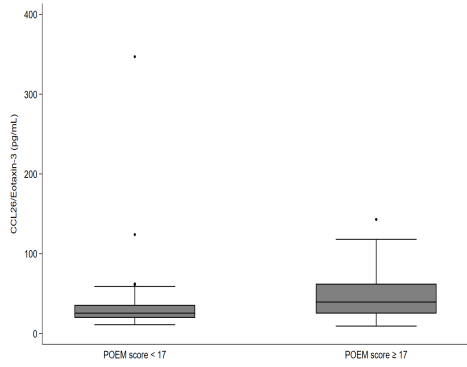
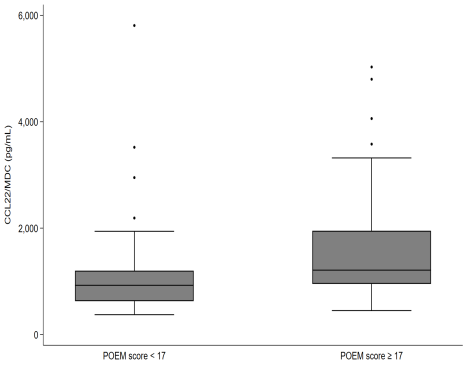
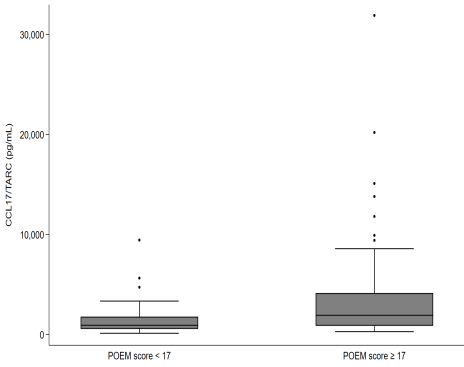
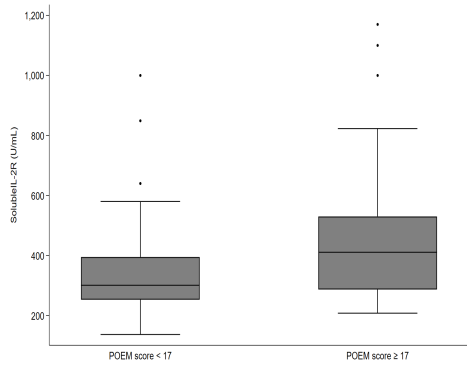
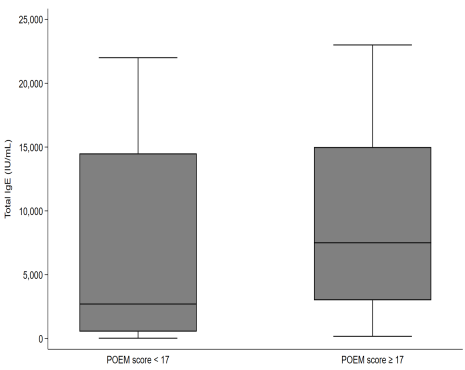
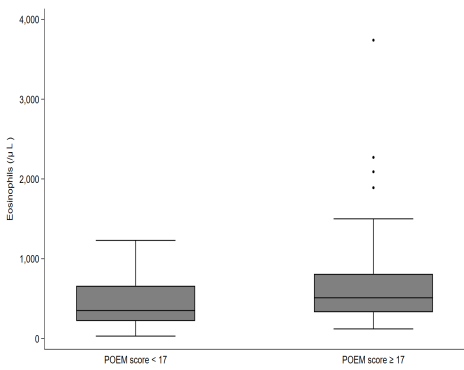
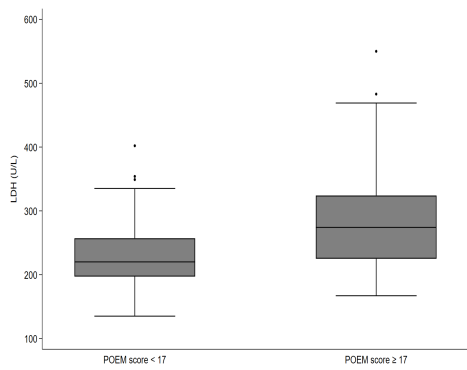
	n=110	
Men, n (%)	74	(67.3)
Age (y), mean (SD)	40.3	(12.5)
Biomarker		
LDH (U/L)	264.8	(73.4)
Eosinophils (/ $\mu$ L)	586.5	(506.9)
Total IgE (IU/mL)	11091.9	(9082.4)
SolubleIL-2R (U/mL)	416.7	(201.3)
CCL17/TARC (pg/mL)	2823.1	(4306.4)
CCL22/MDC (pg/mL)	1424.9	(1006.8)
CCL26/Eotaxin-3 (pg/mL)	43.1	(39.4)
IL-13 (pg/mL)	0.3	(0.2)
IL-22 (pg/mL)	8.5	(15.6)
CCL27/CTACK (pg/mL)	1087.2	(417.7)
CCL18/MIP-4/PARC (pg/mL)	127461.1	(99681.4)
ET1 (pg/mL)	1.1	(0.4)
Periostin (ng/mL)	103.7	(52.2)
SCCA2 (ng/mL)	8.3	(14.7)
Outcome		
EASI score, mean (SD)	26.6	(9.9)
POEM score, mean (SD)	18.2	(6.9)
pruritus-NRS, mean (SD)	6.5	(2.3)
uncomfortable skin-NRS, mean (SD)	6.3	(2.7)
treatment satisfaction-NRS, mean (SD)	5.1	(2.7)

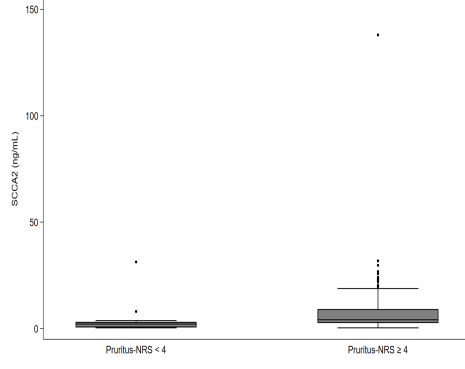
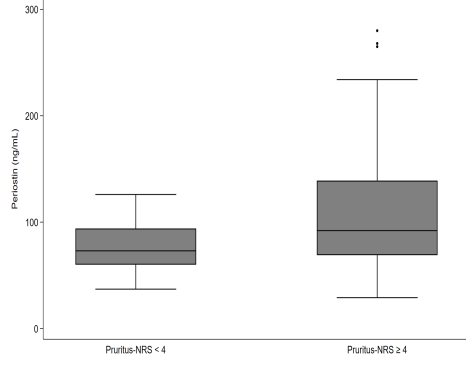
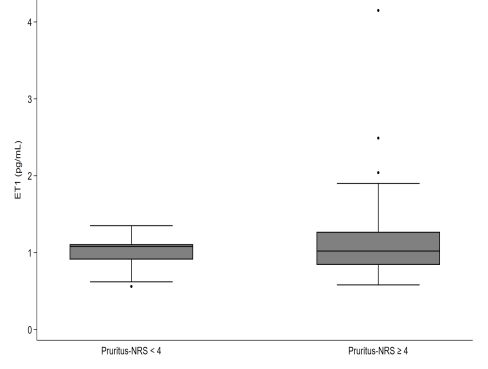
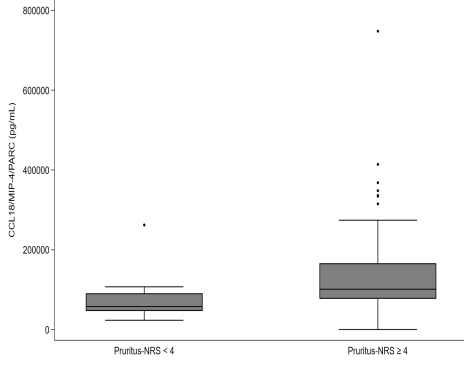
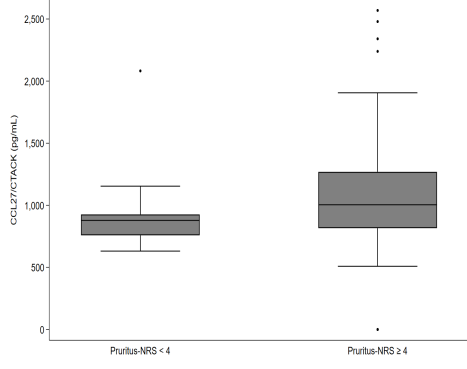
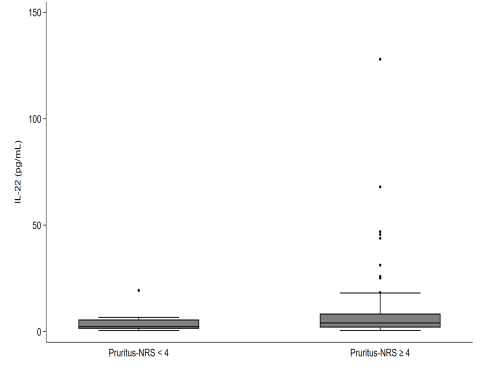
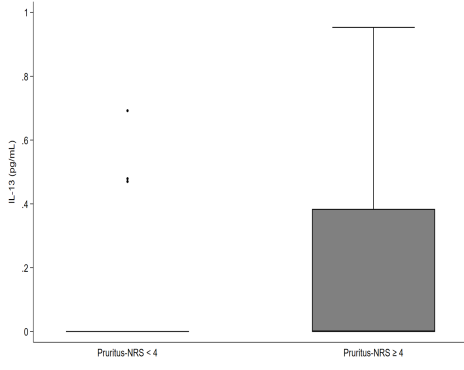
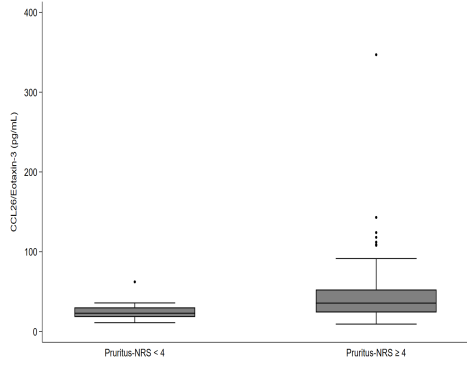
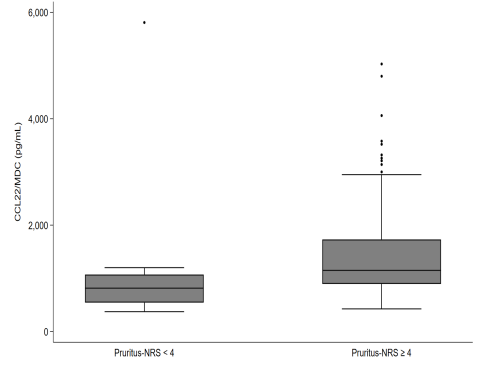
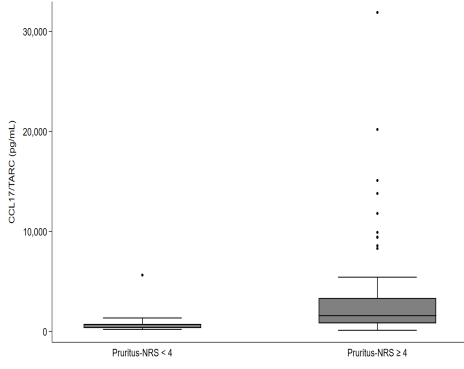
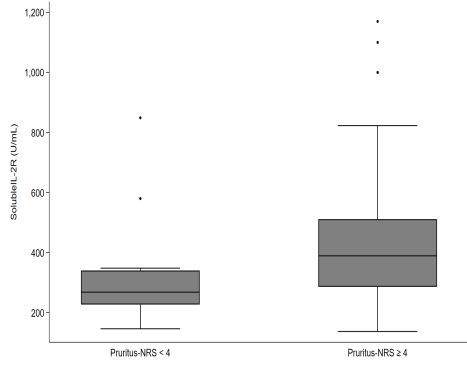
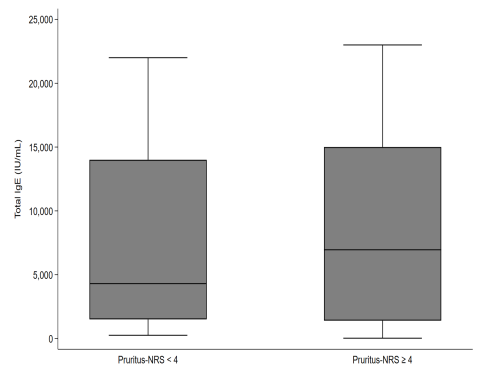
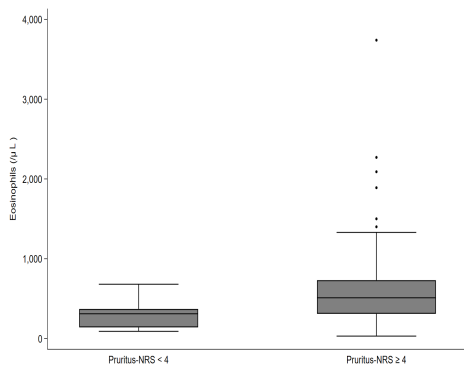
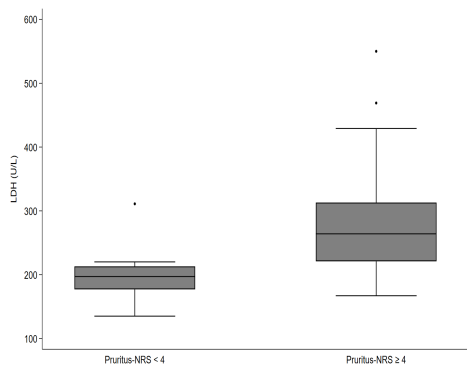












**A**

<b>EASI score <math>\geq</math> 21.1 vs. EASI score <math>&lt;</math> 21.1</b>	
Combination	AUC
SCCA2, Eosinophils , Total IgE, SolubleIL-2R , CCL17/TARC, CCL22/MDC	0.662
SCCA2, Eosinophils , Total IgE, SolubleIL-2R , CCL17/TARC	0.642
SCCA2, Eosinophils , Total IgE, SolubleIL-2R	0.651
SCCA2, Eosinophils , Total IgE	0.674
SCCA2, Eosinophils	0.680

**B**

<b>POEM score <math>\geq</math> 17 vs. POEM score <math>&lt;</math> 17</b>	
Combination	AUC
LDH, IL-22	0.710

**C**

<b>pruritis-NRS score <math>\geq</math> 4 vs. pruritis-NRS score <math>&lt;</math> 4</b>	
Combination	AUC
LDH, IL-22, CCL26/Eotaxin-3, CCL18/MIP-4/PARC	0.877
LDH, IL-22, CCL26/Eotaxin-3	0.867
LDH, IL-22	0.858