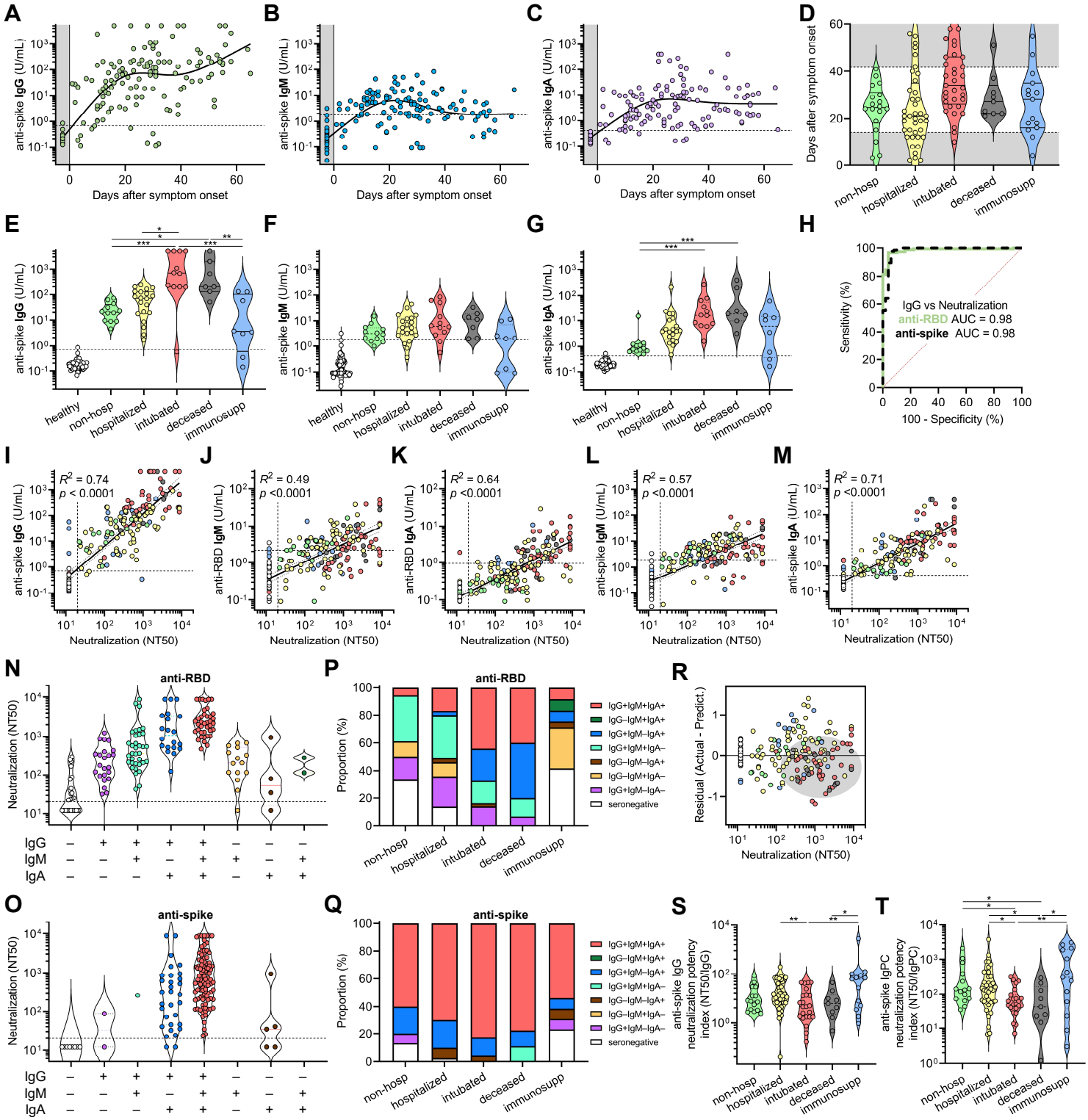
Figure S3


A
anti-spike IgG (U/mL)
Days after symptom onset
B
anti-spike IgM (U/mL)
Days after symptom onset
C
anti-spike IgA (U/mL)
Days after symptom onset
D
Days after symptom onset
non-hosp
hospitalized
intubated
deceased
immunosupp
E
anti-spike IgG (U/mL)
healthy
non-hosp
hospitalized
intubated
deceased
immunosupp
F
anti-spike IgM (U/mL)
G
anti-spike IgA (U/mL)
H
Sensitivity (%)
100 - Specificity (%)
IgG vs Neutralization
anti-RBD AUC = 0.98
anti-spike AUC = 0.98
I
R^2 = 0.74
p < 0.0001
anti-spike IgG (U/mL)
Neutralization (NT50)
J
R^2 = 0.49
p <0.0001
anti-RBD IgM (U/mL)
K
R^2 = 0.64
p <0.0001
anti-RBD IgA (U/mL)
L
R^2 = 0.57
p <0.0001
anti-spike IgM (U/mL)
M
R^2 = 0.71
p <0.0001
anti-spike IgA (U/mL)
N
anti-RBD
Neutralization (NT50)
IgG
IgM
IgA
P
anti-RBD
Proportion (%)
IgG+IgM+IgA+
IgG–IgM+IgA+
IgG+IgM–IgA+
IgG+IgM+IgA–
IgG–IgM–IgA+
IgG–IgM+IgA–
IgG+IgM–IgA–
seronegative
R
Residual (Actual - Predict.)
Neutralization (NT50)
O
anti-spike
Neutralization (NT50)
Q
anti-spike
Proportion (%)
S
anti-spike IgG neutralization potency index (NT50/IgG)
T
anti-spike IgPC neutralization potency index (NT50/IgPC)