

# LuTx

Flow cytometry

## Krevní obraz

LYM % KO  
MON % KO  
NEU % KO  
EOS % KO  
BAS % KO  
WBC

Celkem vyšetřeno **293** vzorků  
od **87** pacientů po LuTx

## Průtoková cytometrie

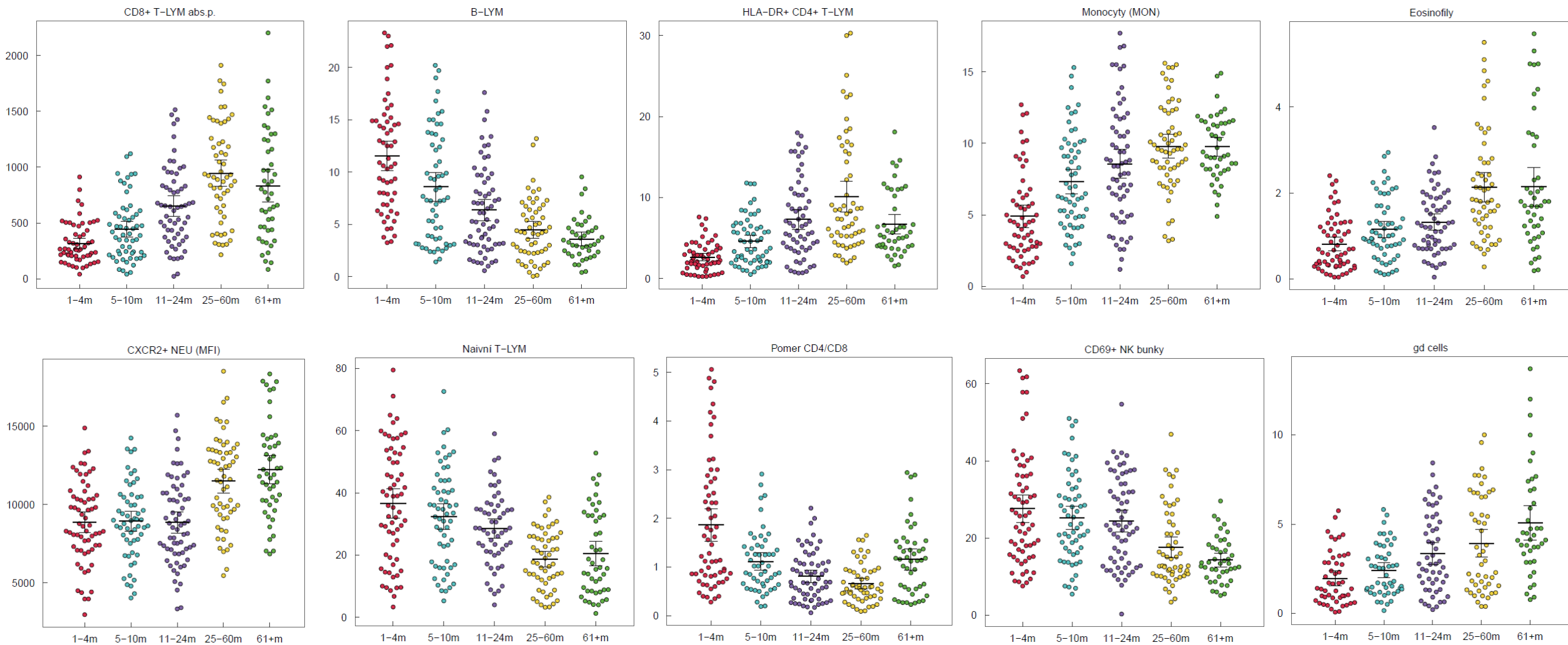
1 Lymfocyty (LYM)  
2 T-LYM  
3 CD4+ T-LYM  
4 CD8+ T-LYM  
5 Poměr CD4/CD8  
6 HLA-DR+ CD4+ T-LYM  
7 CD69+ CD4+ T-LYM  
8 T-regulační LYM  
9 HLA-DR+ CD8+ T-LYM  
10 CD69+ CD8+ T-LYM  
11 CD25+ CD8+ T-LYM  
12 Naivní T-LYM  
13 Centrální paměťové T-LYM  
14 Efektorové paměťové T-LYM  
15 Terminální efektorové T-LYM  
16 CCR4+ LYM  
17 CCR6+ T-LYM  
18 PD-1+ LYM  
19 CTLA-4+ LYM  
20 B-LYM  
21 Paměťové B-LYM  
22 CXCR3+ B-LYM  
23 CXCR4+ B-LYM (MFI)  
24 NK buňky  
25 HLA-DR+ NK buňky  
26 CD69+ NK buňky  
27 CXCR1+ NK buňky  
28 iNKT

29 Monocyty (MON)  
30 Klasické MON  
31 Přechodné MON  
32 Neklasické MON  
33 CD64+ klasické MON (MFI)  
34 TLR2+ klasické MON (MFI)  
35 TLR4+ klasické MON  
36 CXCR1+ klasické MON  
37 Neutrofilní granulocyty (NEU)  
38 CD11b+ NEU (MFI)  
39 CD54+ NEU  
40 CD64+ NEU  
41 CXCR1+ NEU (MFI)  
42 CXCR2+ NEU (MFI)  
43 Eosinofily  
44 Basofily  
45 PD-1+ CXCR5+ z LYM  
46 PD-1+ CXCR5+ z T-LYM  
47 CD57+ NK cells  
48 CD57+ abs.p.  
49 CD57 on Th cells  
50 CD57 on Tc cells

51 DPT CD4+ CD8+ Z LYM  
52 DNT CD4- CD8- Z LYM  
53 Th1  
54 Th2  
55 Th17  
56 CCR6+ CXCR3+  
57 T cells CXCR3+  
58 B cells / CD86  
59 TLR2+ klasické MON (MFI)/12  
60 gd cells  
61 CD40L on CD3  
62 pDCs %  
63 BAS FceR1a MFI  
64 BAS CCR6  
65 CCR6+ LYM  
66 Singlets / FceR1a  
67 Singlets / FceR1a bez BAS  
68 BAS/CD69++ %  
69 Immature B cells  
70 Memory B cells  
71 Naive B cells  
72 Plasmablasts  
73 CD38+ CD49ddim T cells  
74 % CD40+ B cells  
75 MFI CD40+ B cells  
76 CD62L MFI on EOS  
77 HLA-DR on class MFI  
78 CD64 peak NEU MFI  
79 CD4+ T-LYM abs.p.  
80 CD8+ T-LYM abs.p.

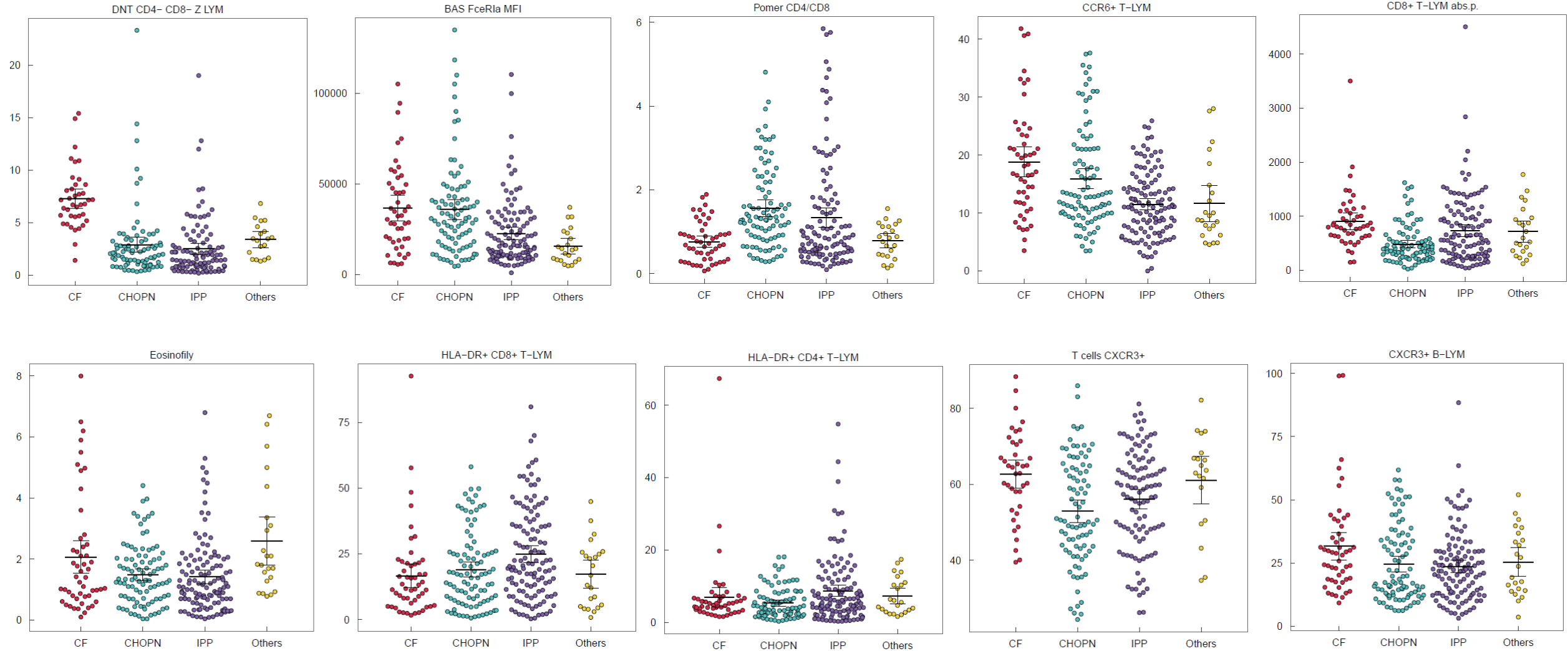
# Doba od LuTx

293 odběrů od 87 pacientů  
without outliers



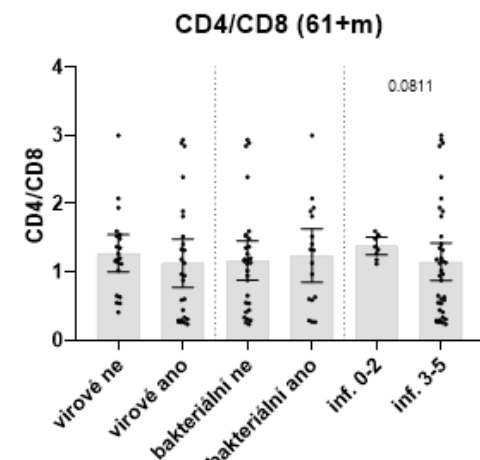
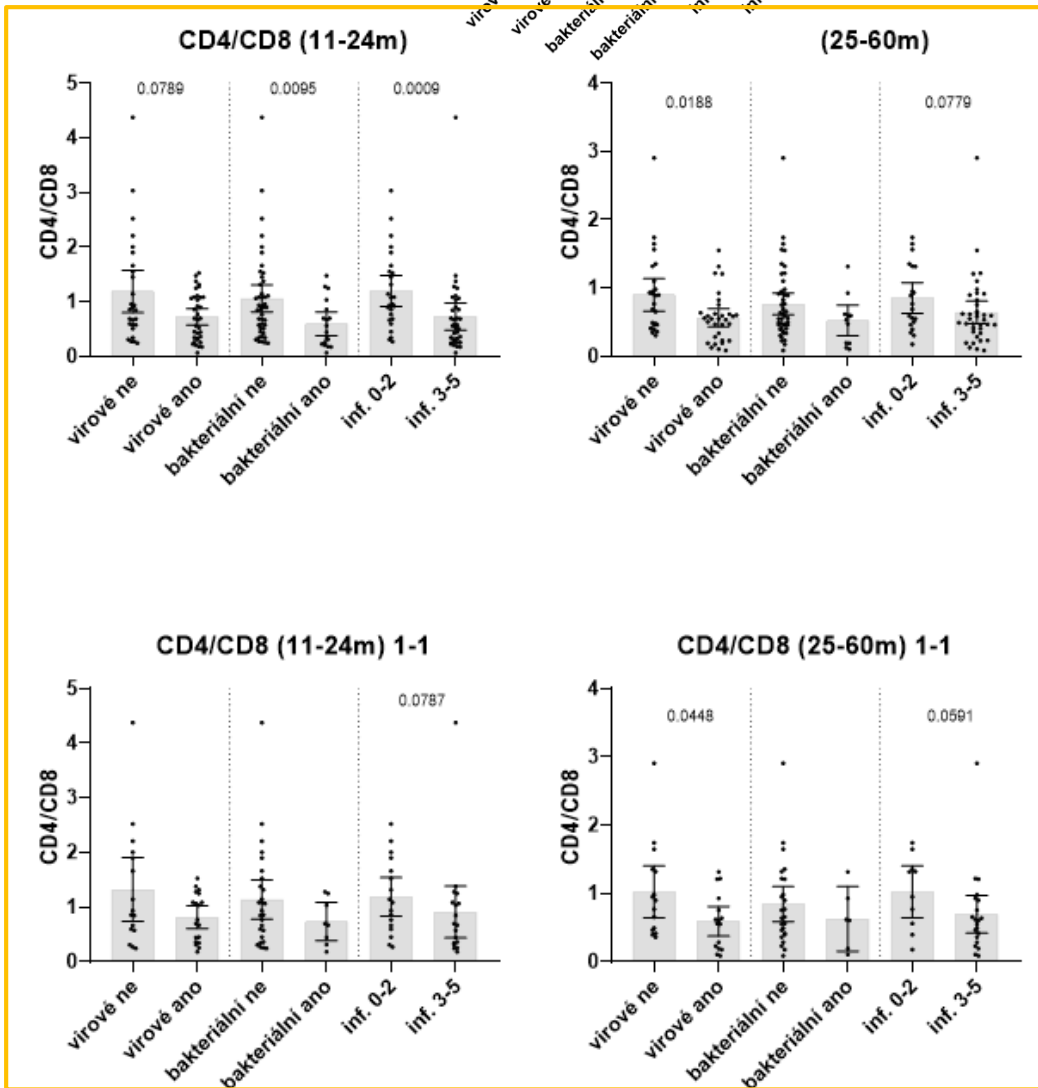
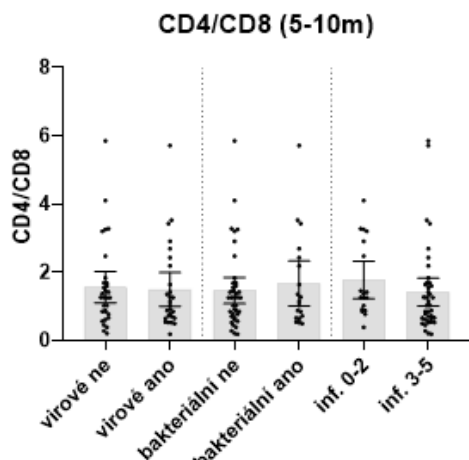
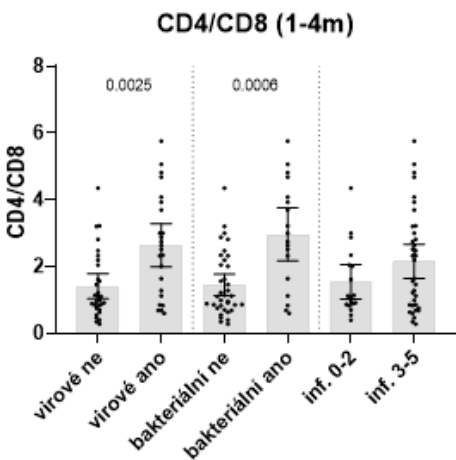
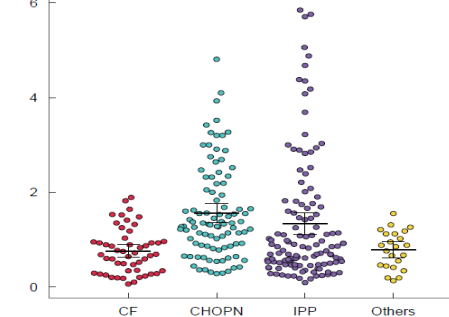
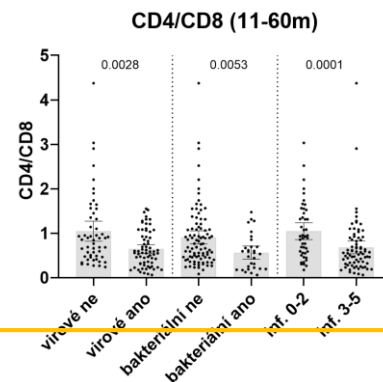
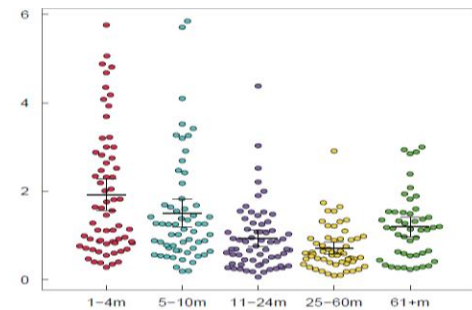
# Indikace k LuTx

293 odběrů od 87 pacientů

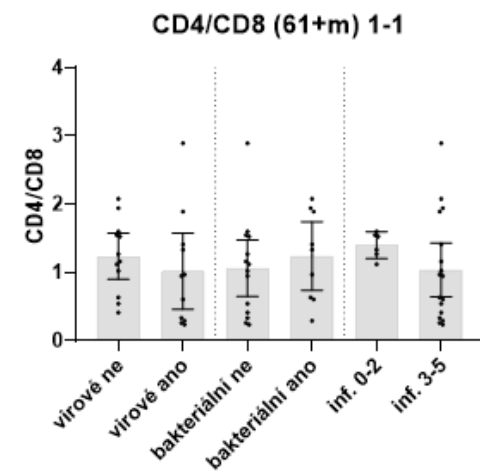
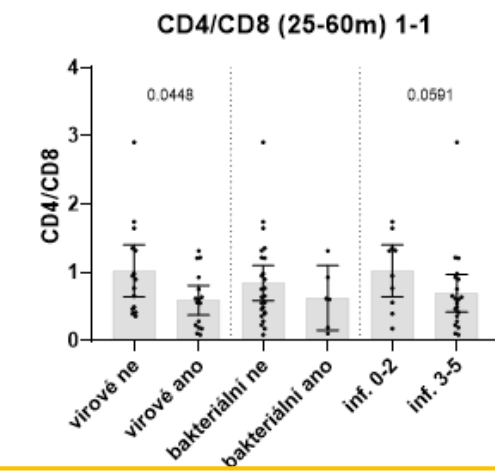
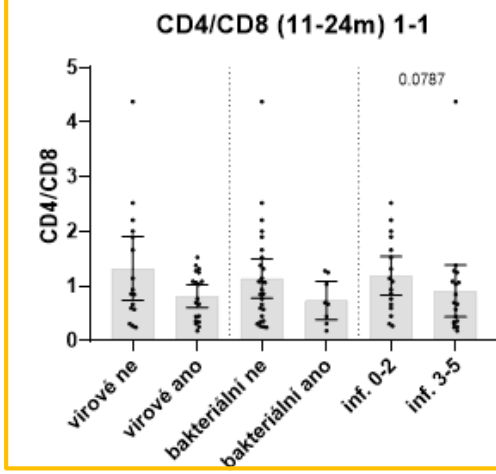
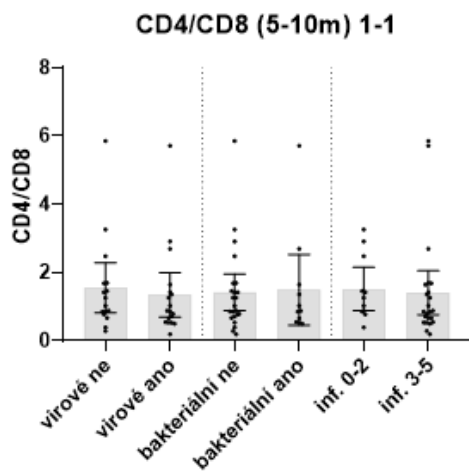
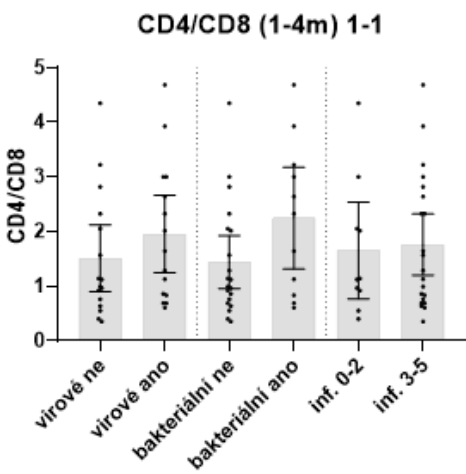


# Poměr CD4/CD8 lymfocytů

Všechny odběry

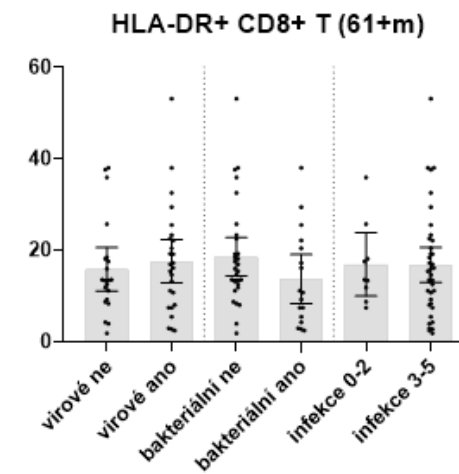
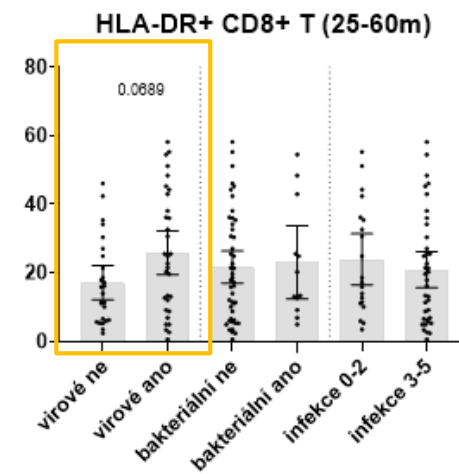
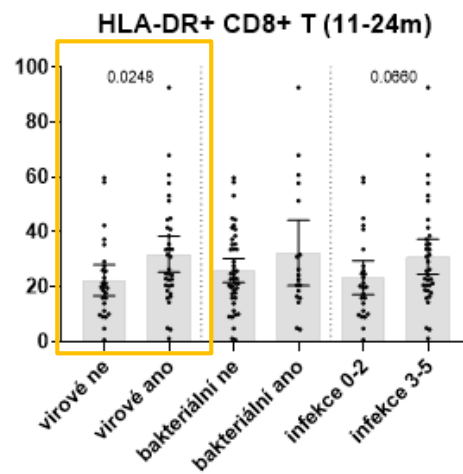
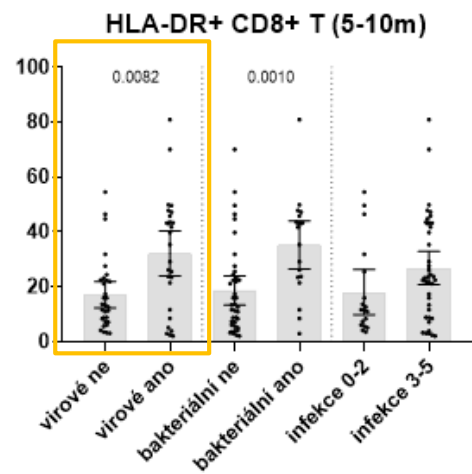
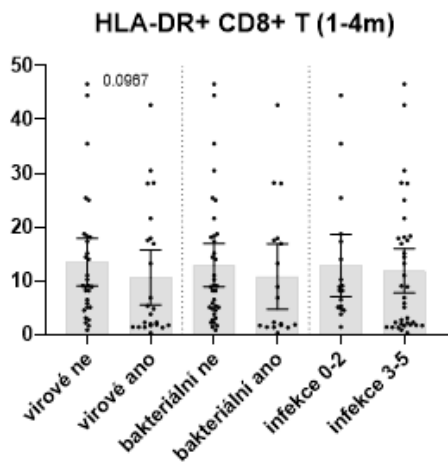
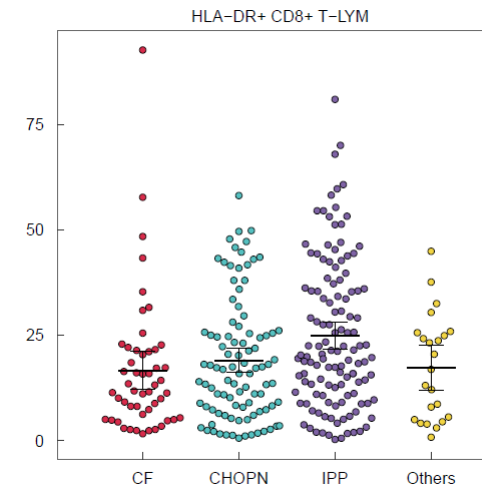
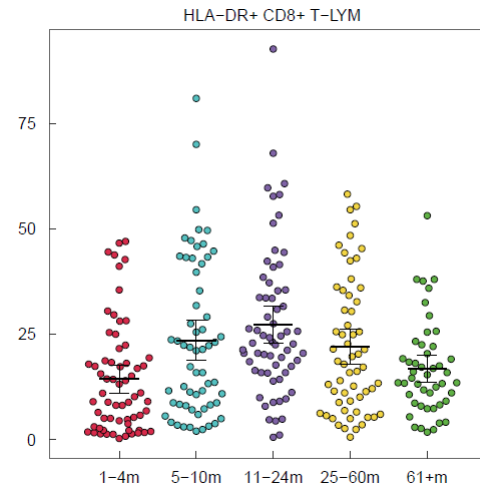
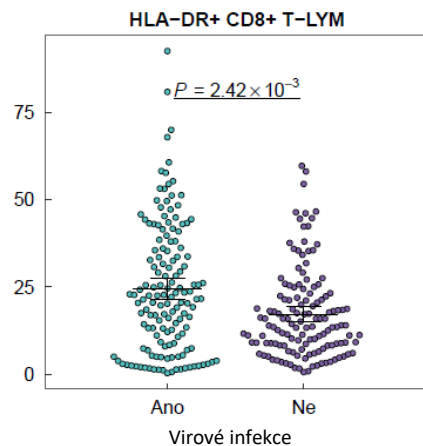


Od každého pacienta 1 vybraný odběr v daném časovém úseku



# HLA-DR+ CD8+ lymfocyty

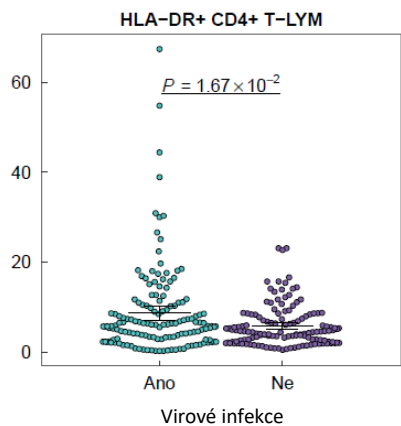
Všechny odběry



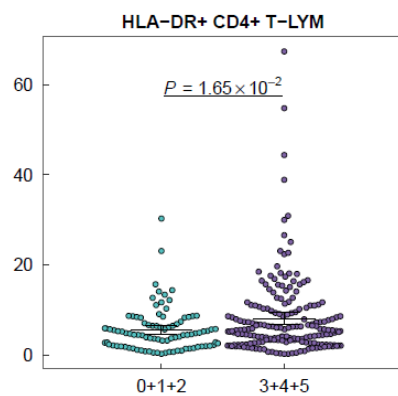
0 - bez infekcí; 1 - intermitentní běžné nekomplikované infekce; 2 - častější běžné infekce  
 3 - infekce vyžadující hospitalizaci; 4 - těžké infekce vyžadující hospitalizaci na JIP; 5 - infekce s následkem smrti

# HLA-DR+ CD4+ lymfocyty

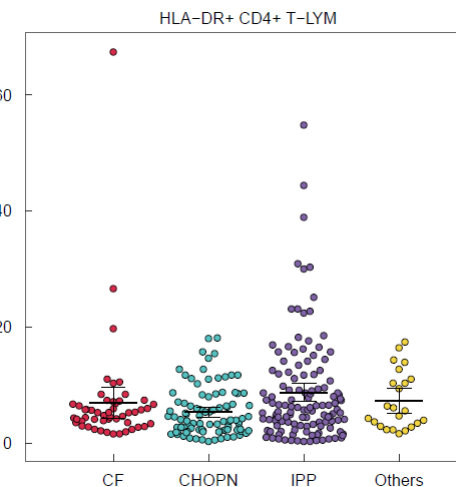
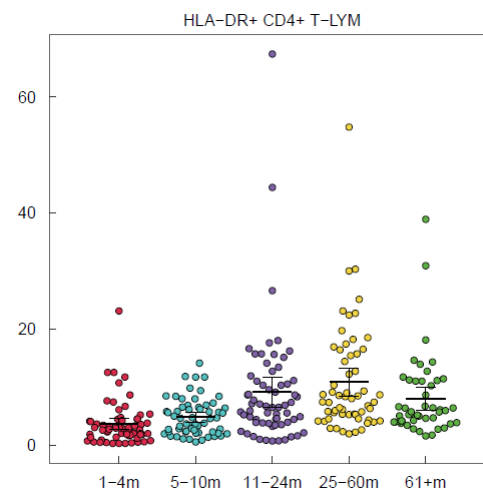
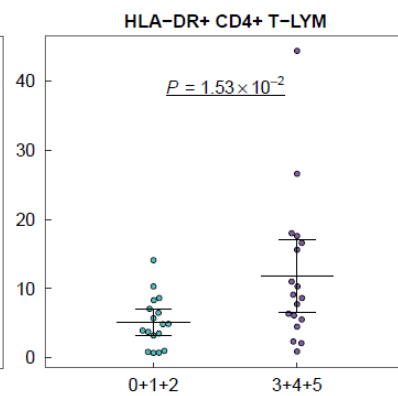
Všechny odběry



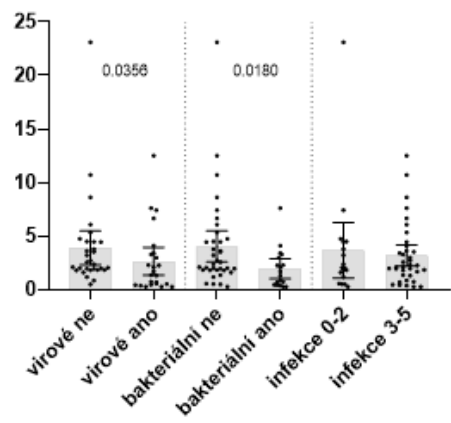
Všechny odběry



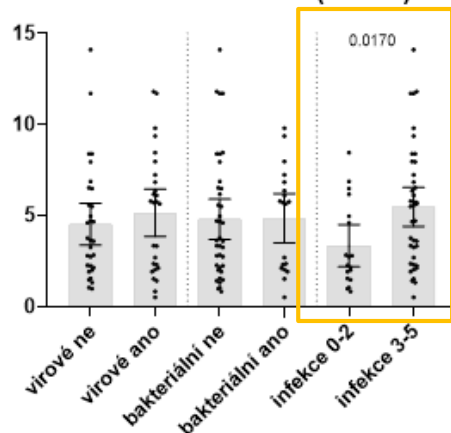
Od každého pacienta 1 vybraný odběr v časovém úseku 10-24m:



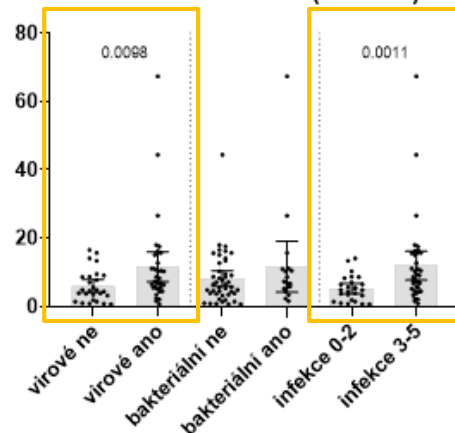
HLA-DR+ CD4+ T (1-4m)



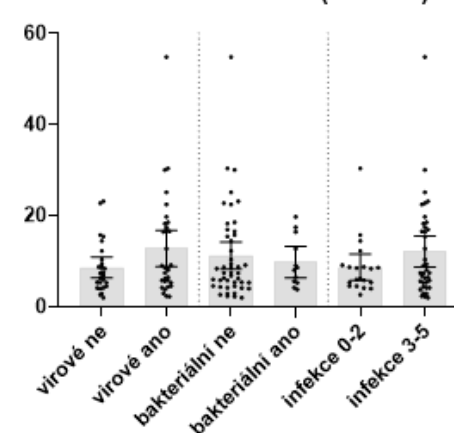
HLA-DR+ CD4+ T (5-10m)



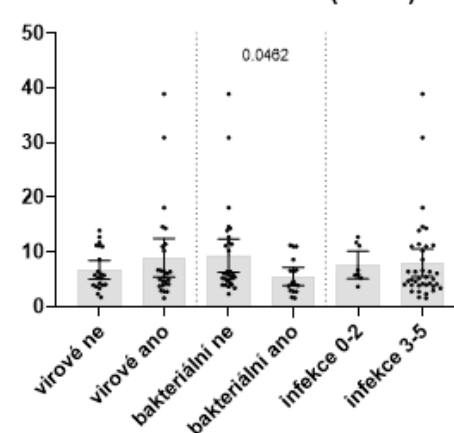
HLA-DR+ CD4+ T (11-24m)



HLA-DR+ CD4+ T (25-60m)

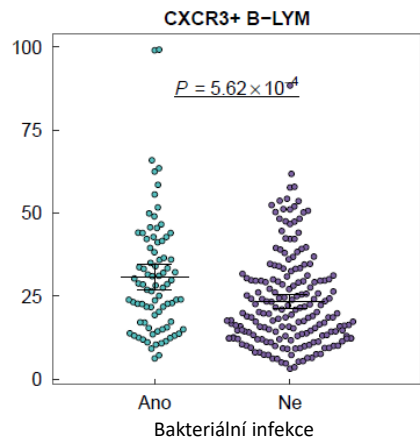


HLA-DR+ CD4+ T (61+m)

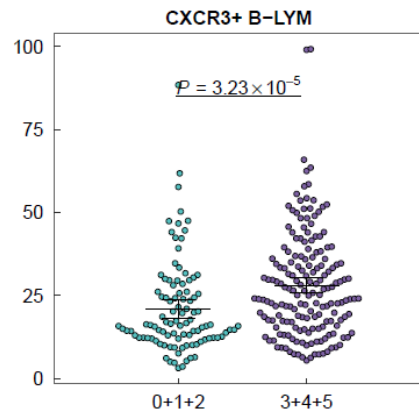


# CXCR3+ B lymfocyty

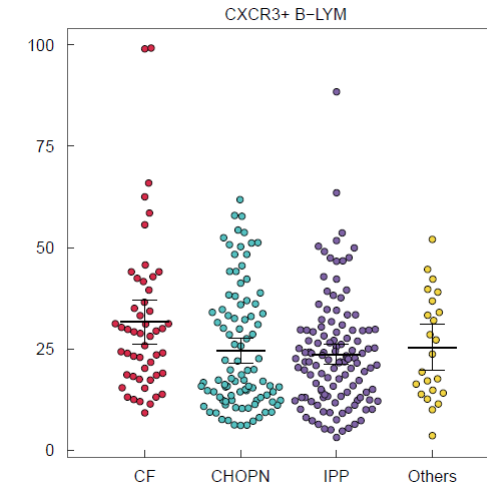
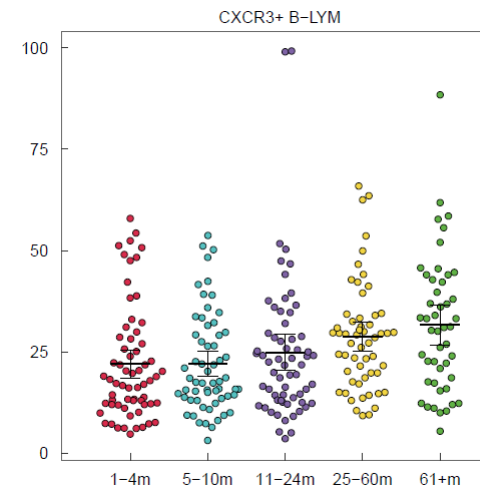
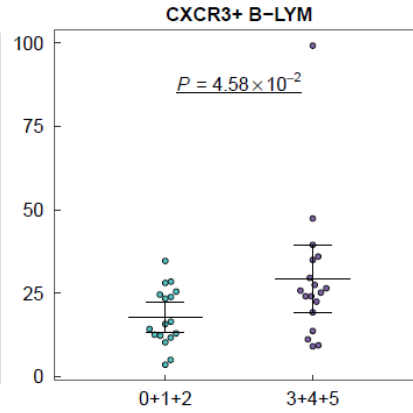
Všechny odběry



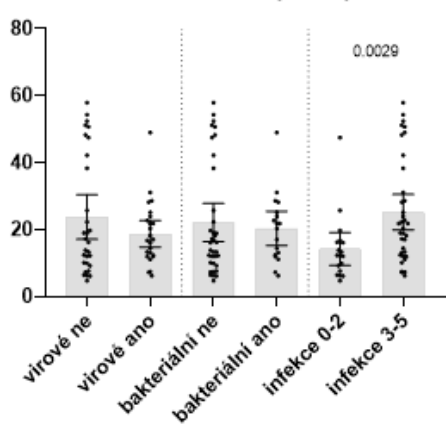
Všechny odběry



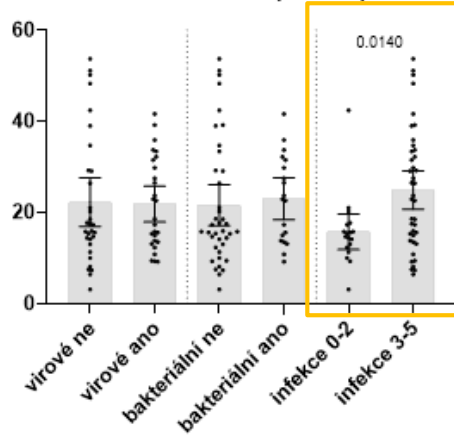
Od každého pacienta 1 vybraný odběr v časovém úseku 10-24m:



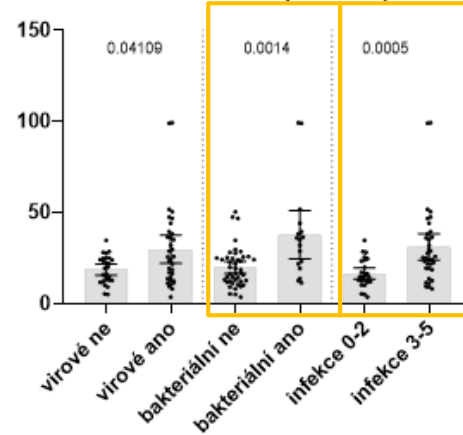
CXCR3+ B (1-4m)



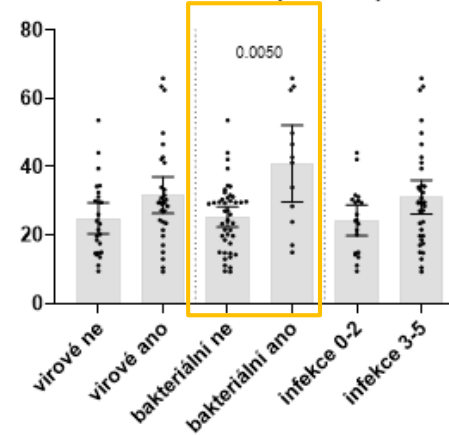
CXCR3+ B (5-10m)



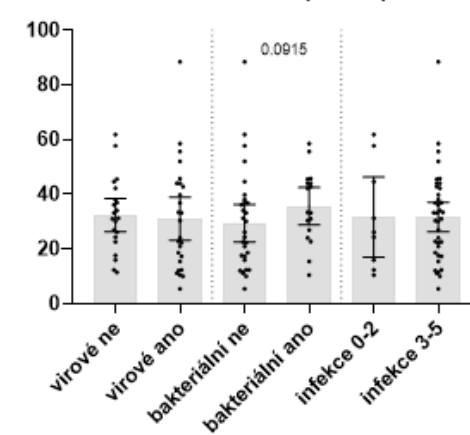
CXCR3+ B (11-24m)



CXCR3+ B (25-60m)



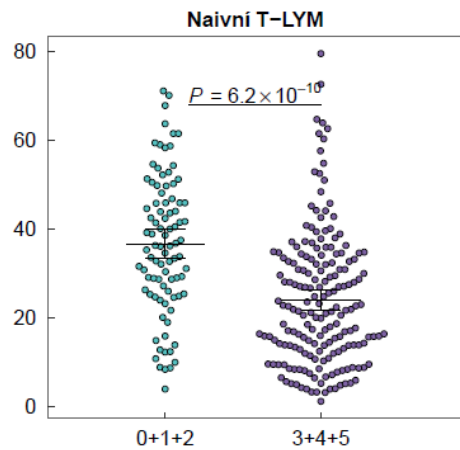
CXCR3+ B (61+m)



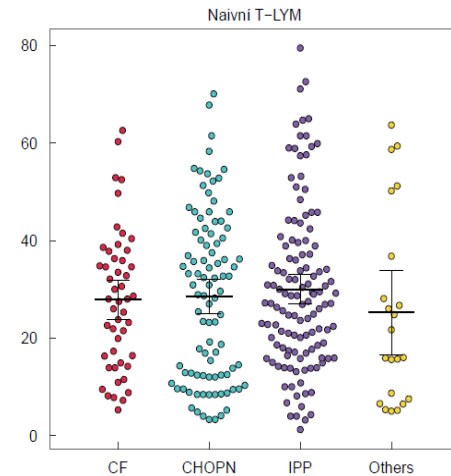
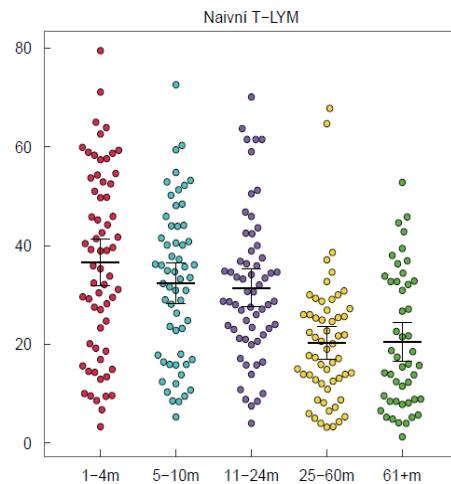
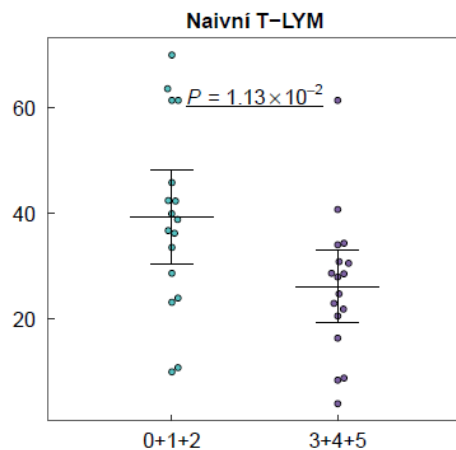


# Naivní T lymfocyty

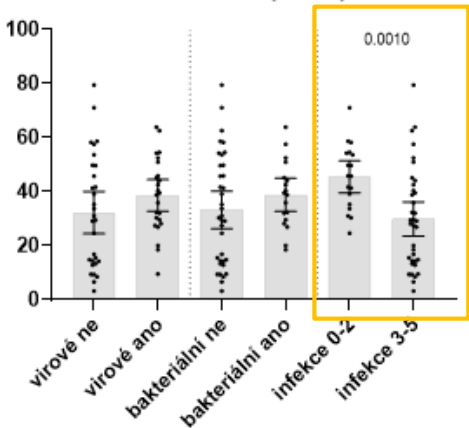
Všechny odběry



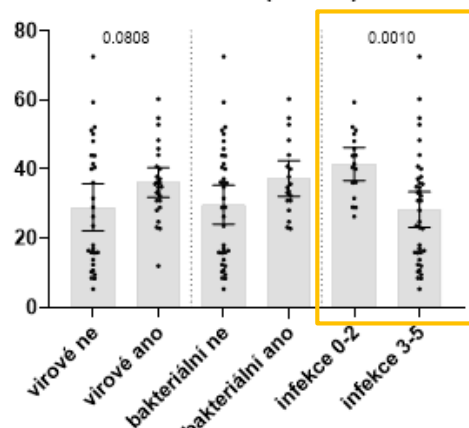
Od každého pacienta 1 vybraný odběr v časovém úseku 10-24m:



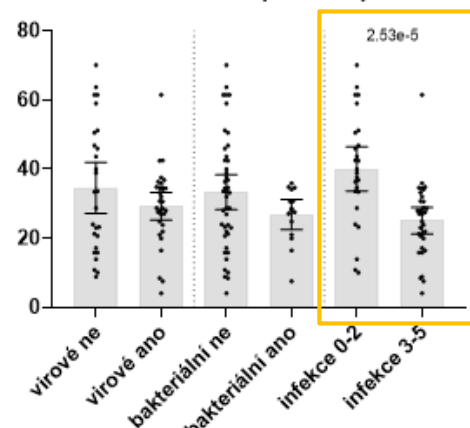
Naivní T (1-4m)



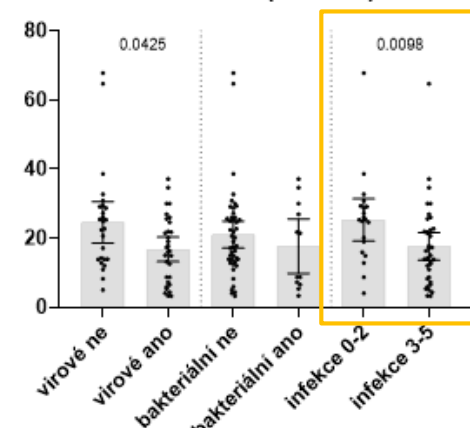
Naivní T (5-10m)



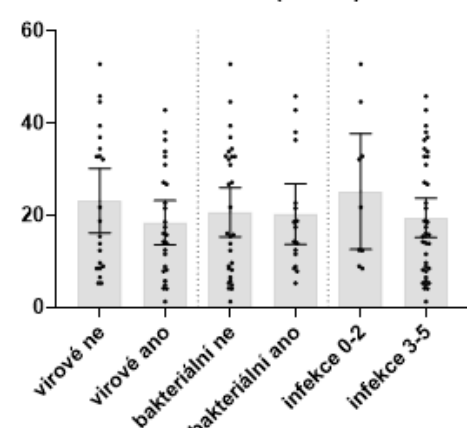
Naivní T (11-24m)



Naivní T (25-60m)

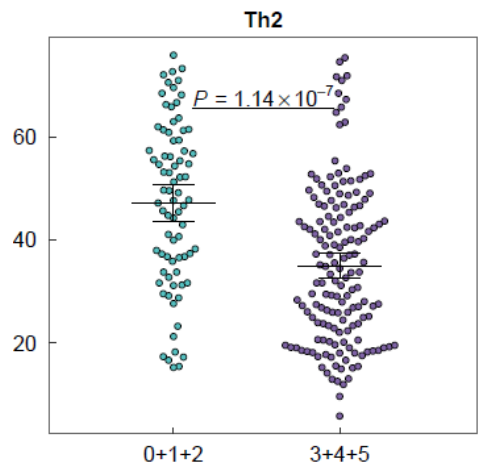


Naivní T (61+m)

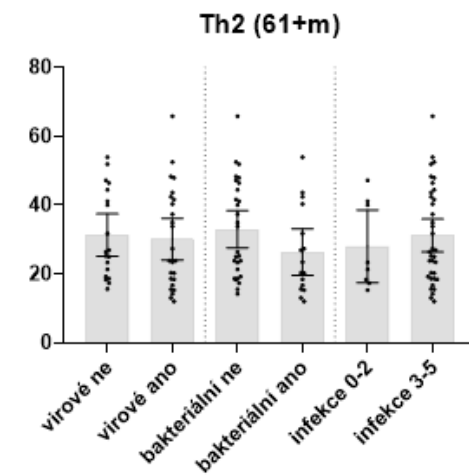
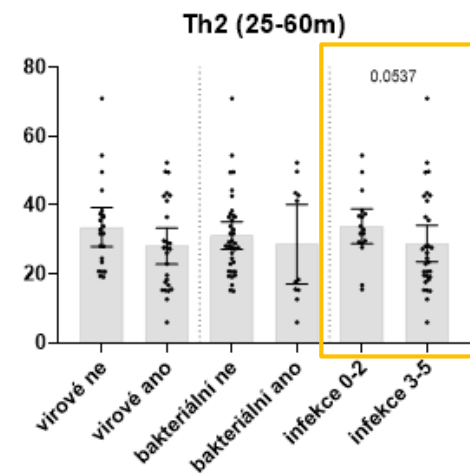
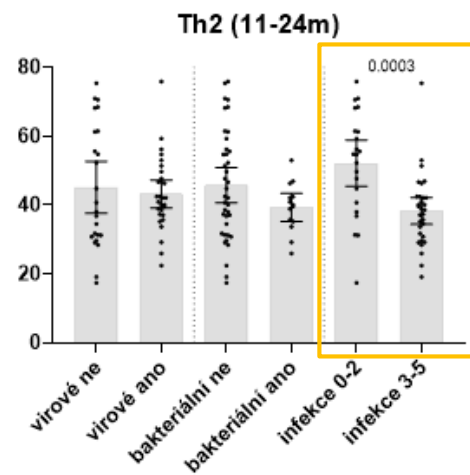
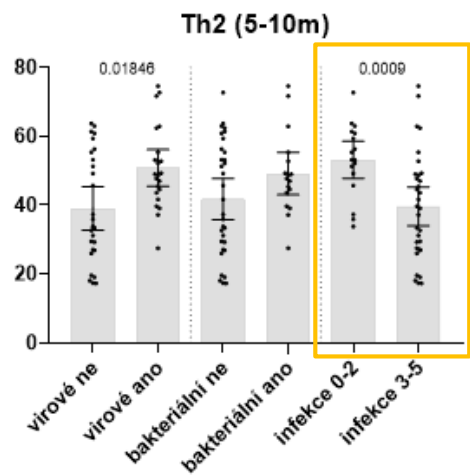
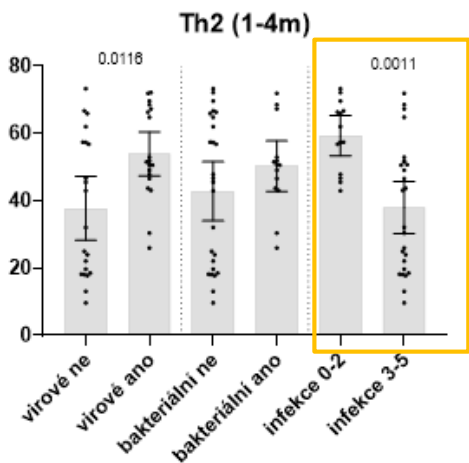
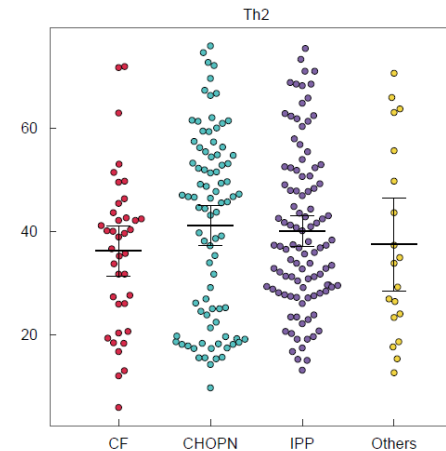
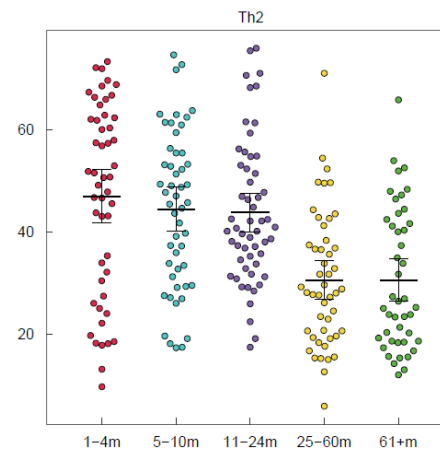
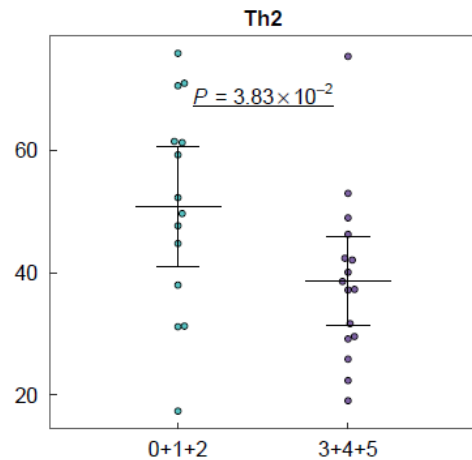


# Th2 lymfocyty

Všechny odběry

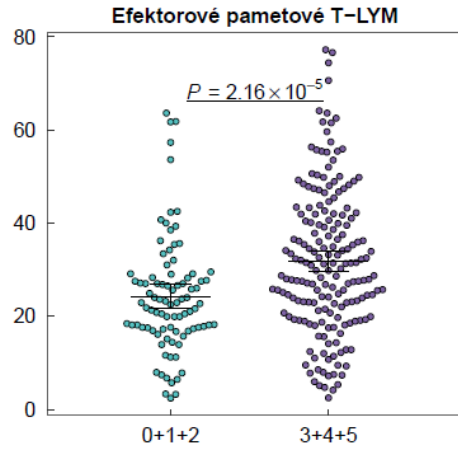


Od každého pacienta 1 vybraný odběr v časovém úseku 10-24m:

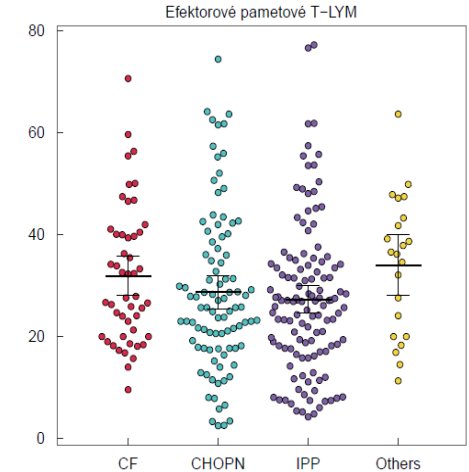
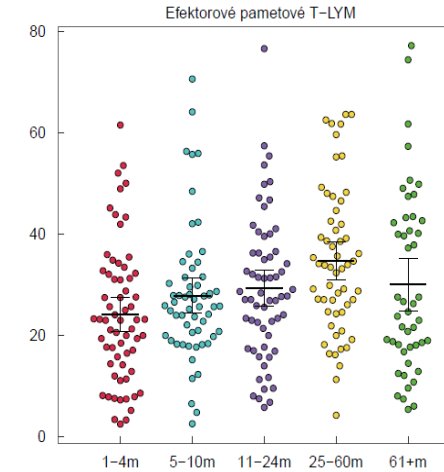
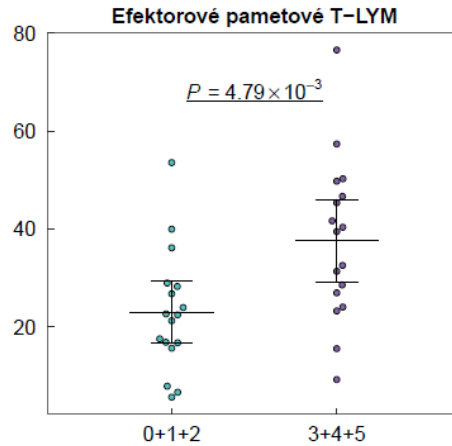


# Efaktorové paměťové T lymfocyty

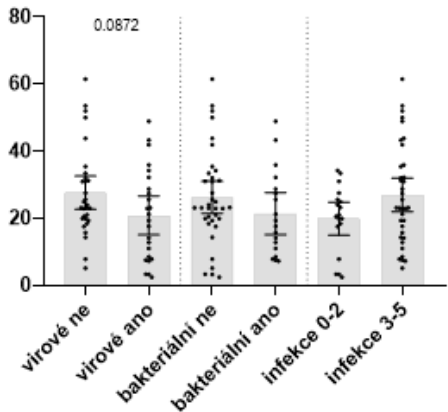
Všechny odběry



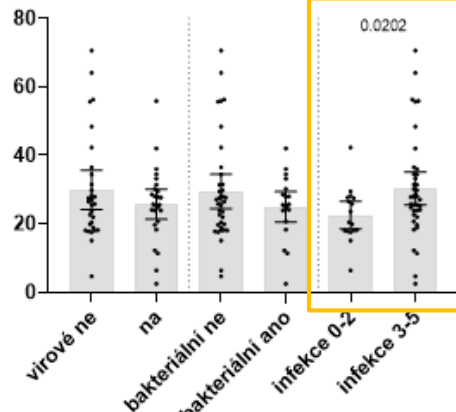
Od každého pacienta 1 vybraný odběr v časovém úseku 10-24m:



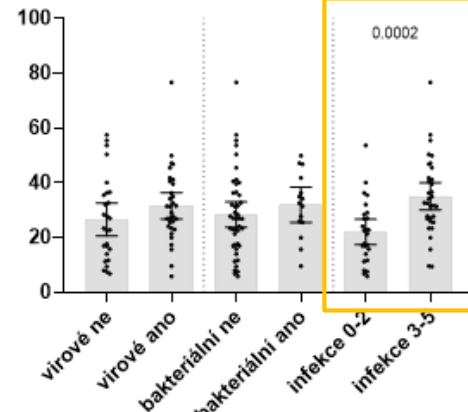
Efaktorové paměťové (1-4m)



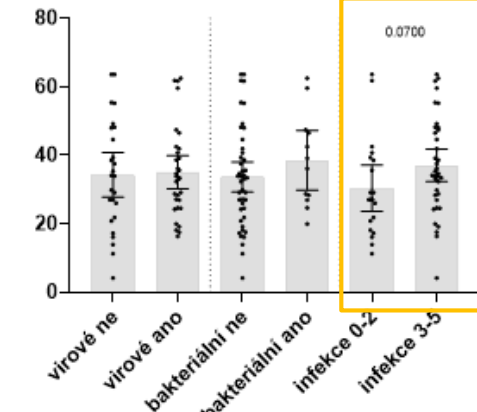
Efaktorové paměťové T (5-10m)



Efaktorové paměťové T (11-24m)



Efaktorové paměťové T (25-60m)



Efaktorové paměťové T (61+m)

