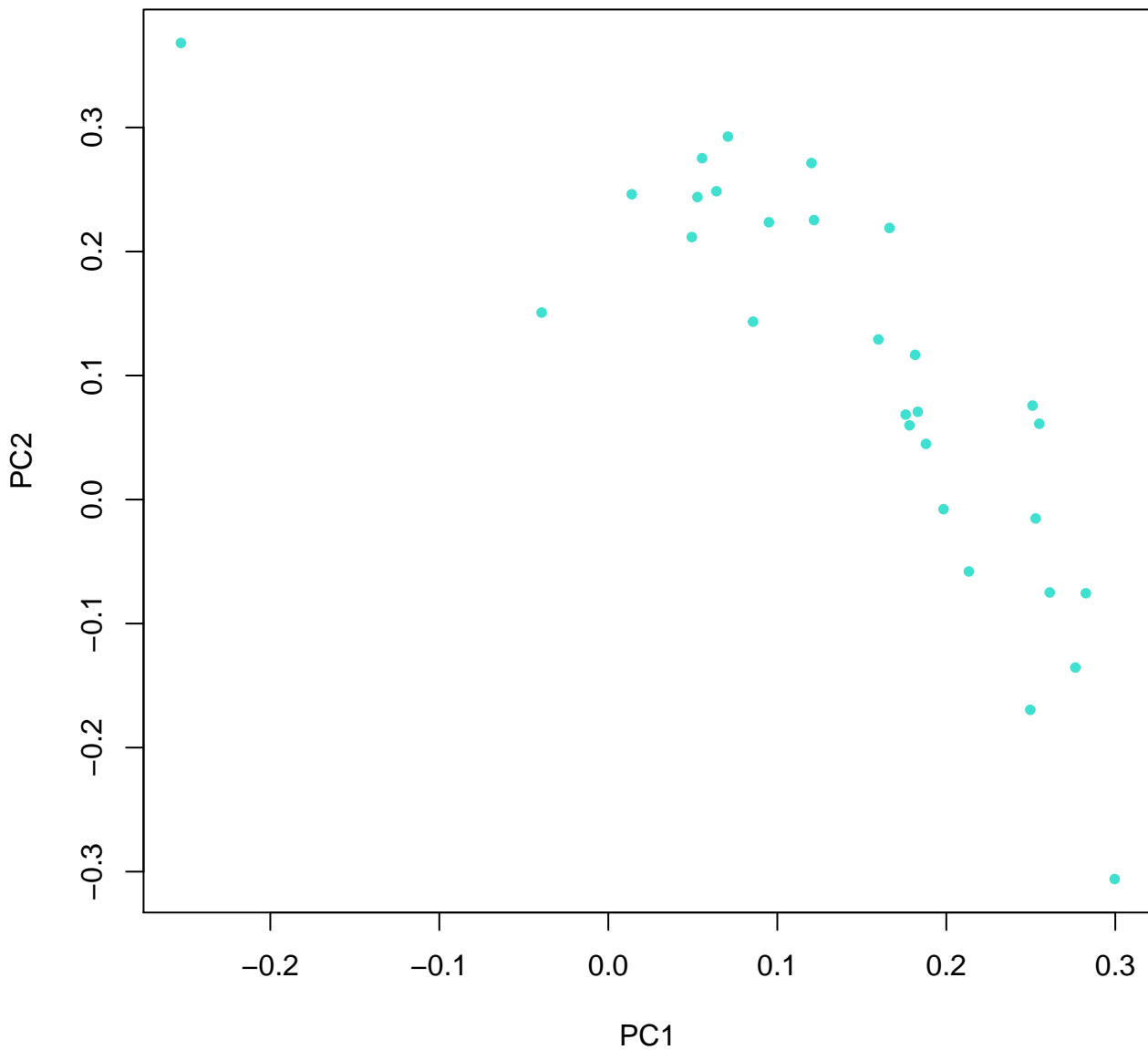
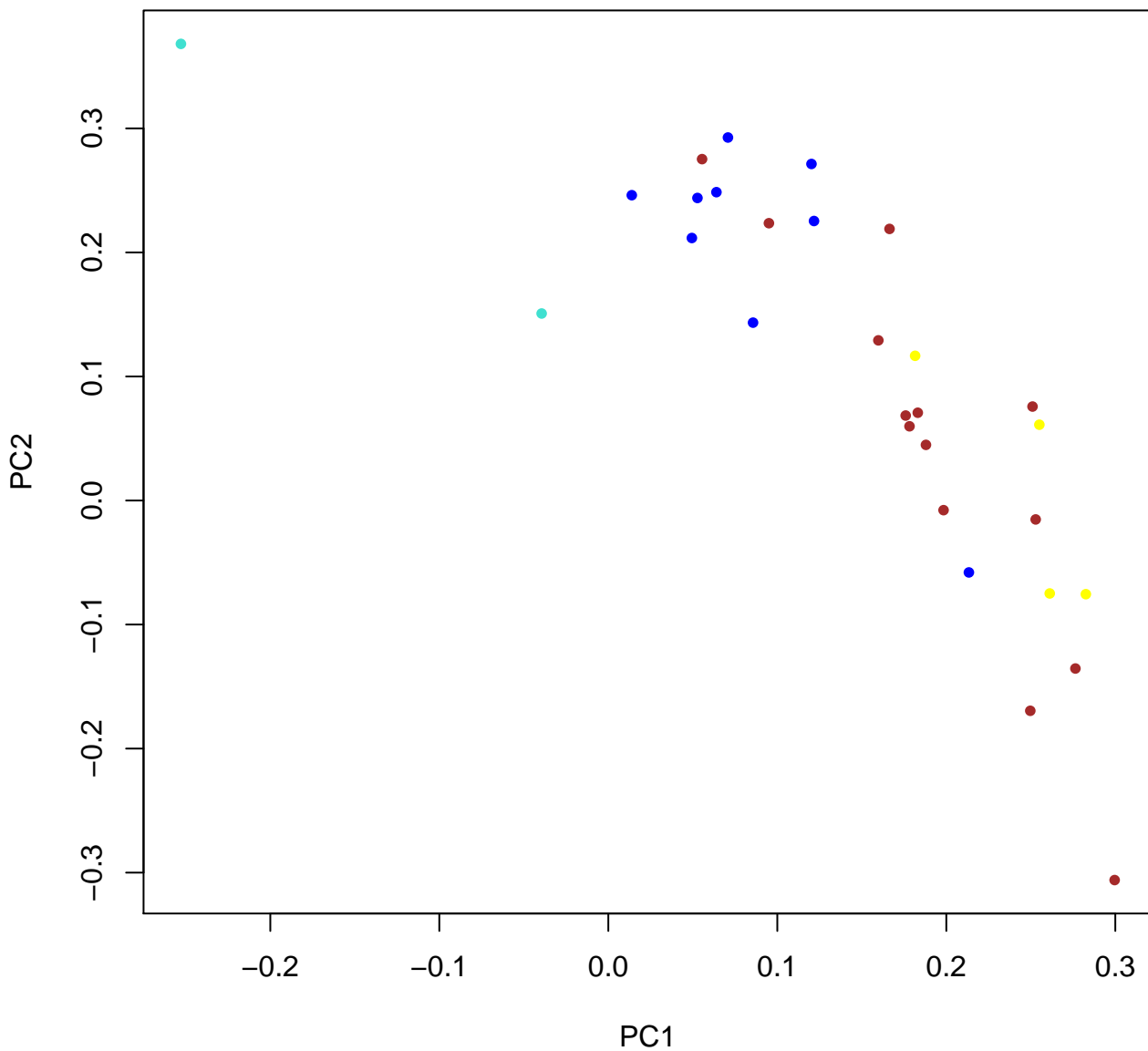


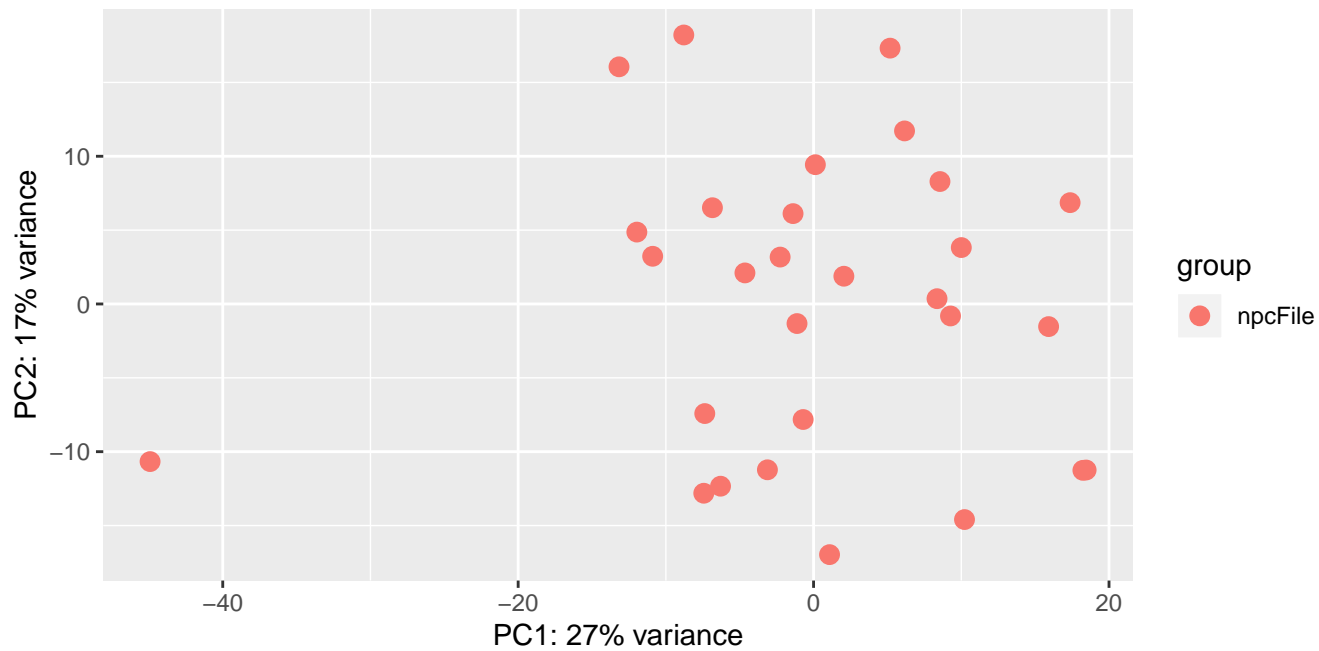


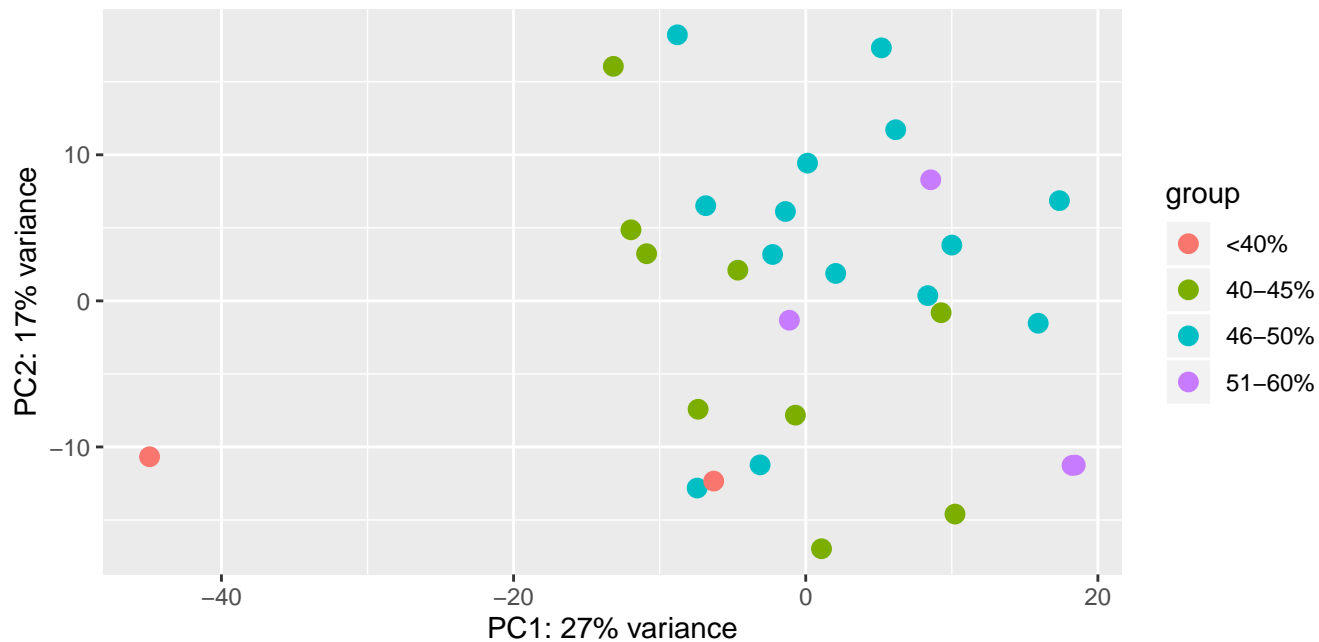
# PCA,RUV Normalisation k1, batch

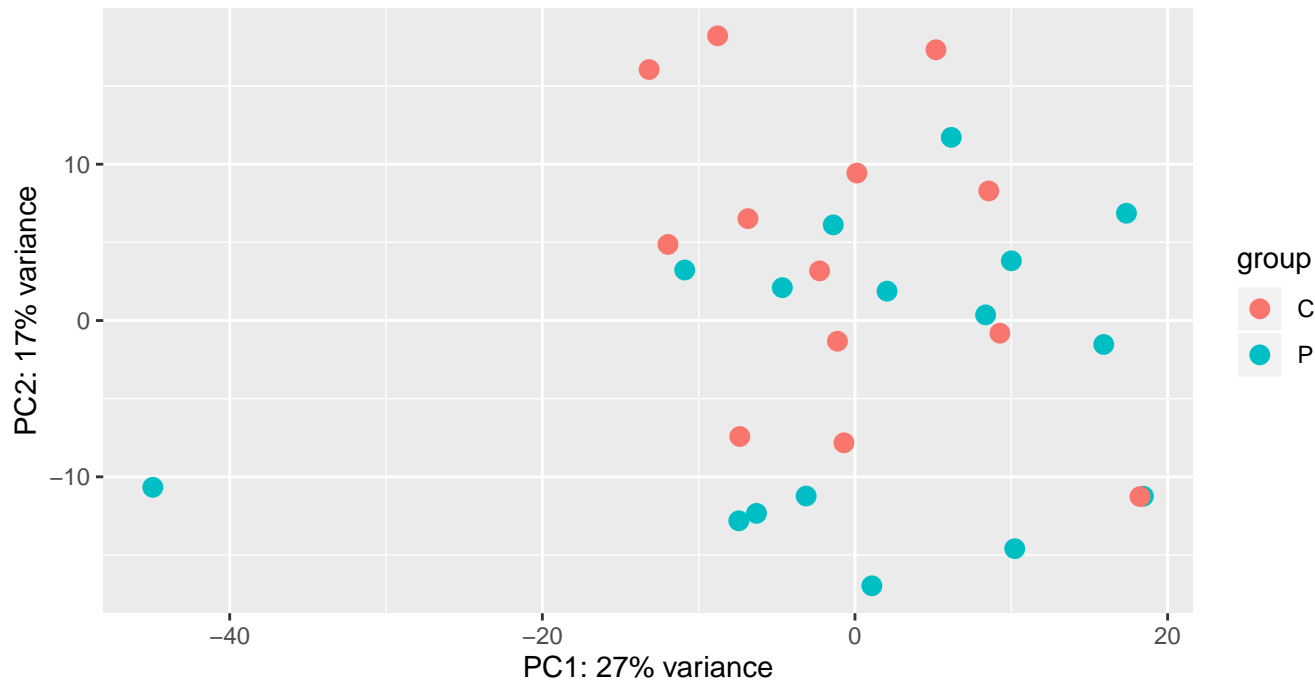


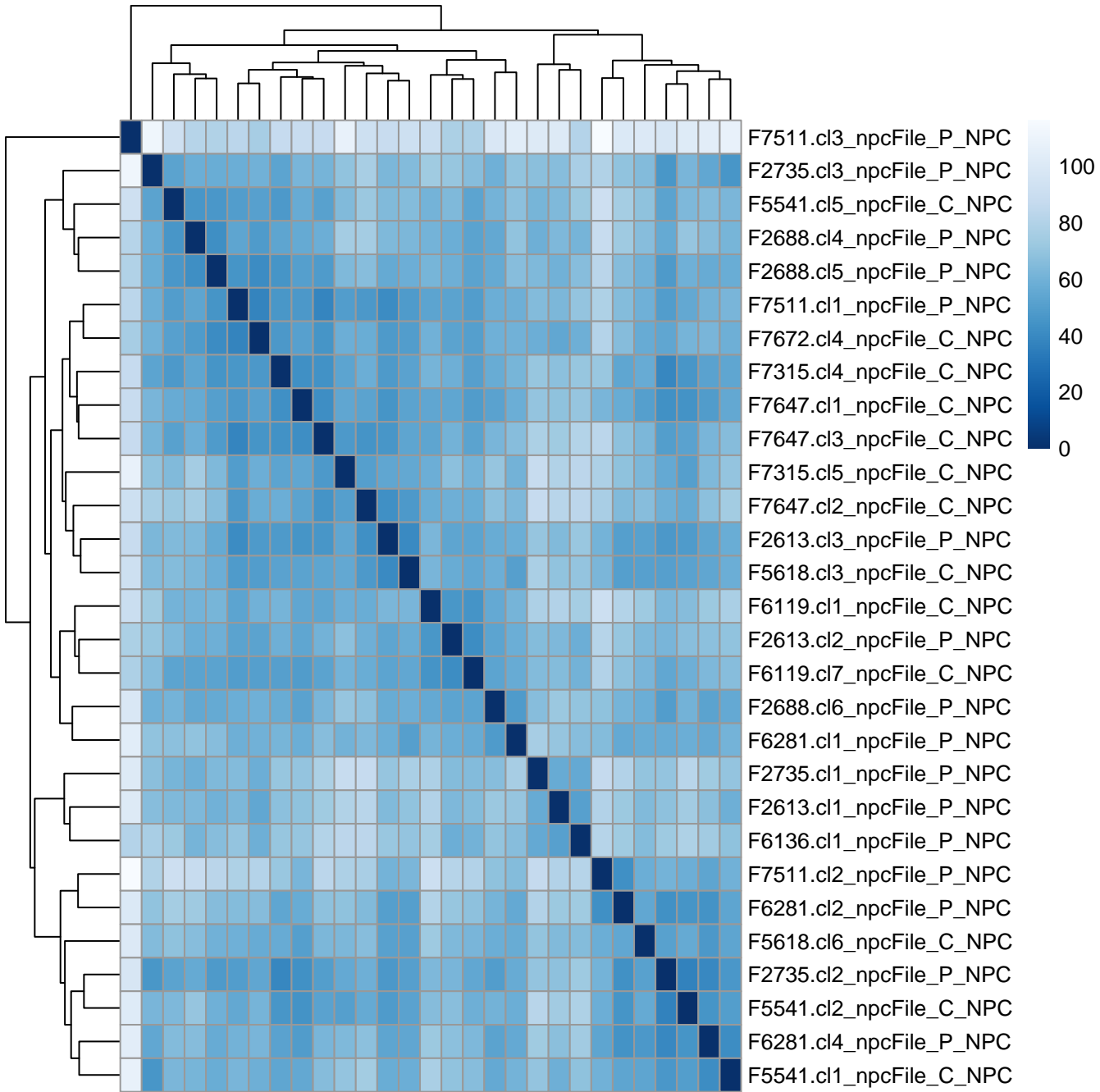
PCA,RUV Normalisation k1, Neur\_prop











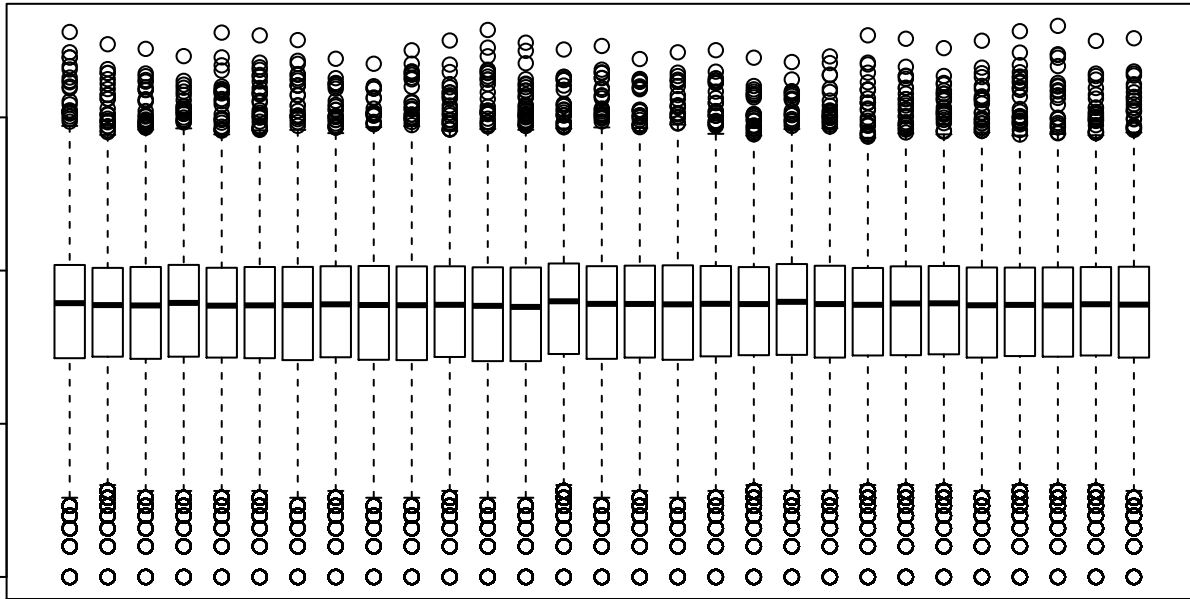
Height

15

10

5

0

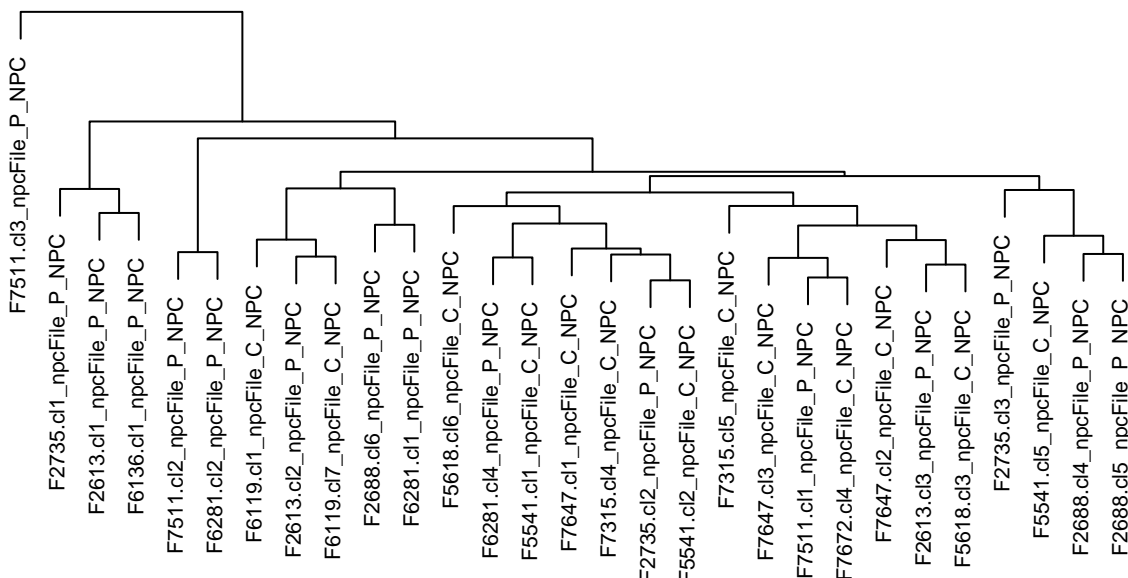


## Sample clustering NPC

90

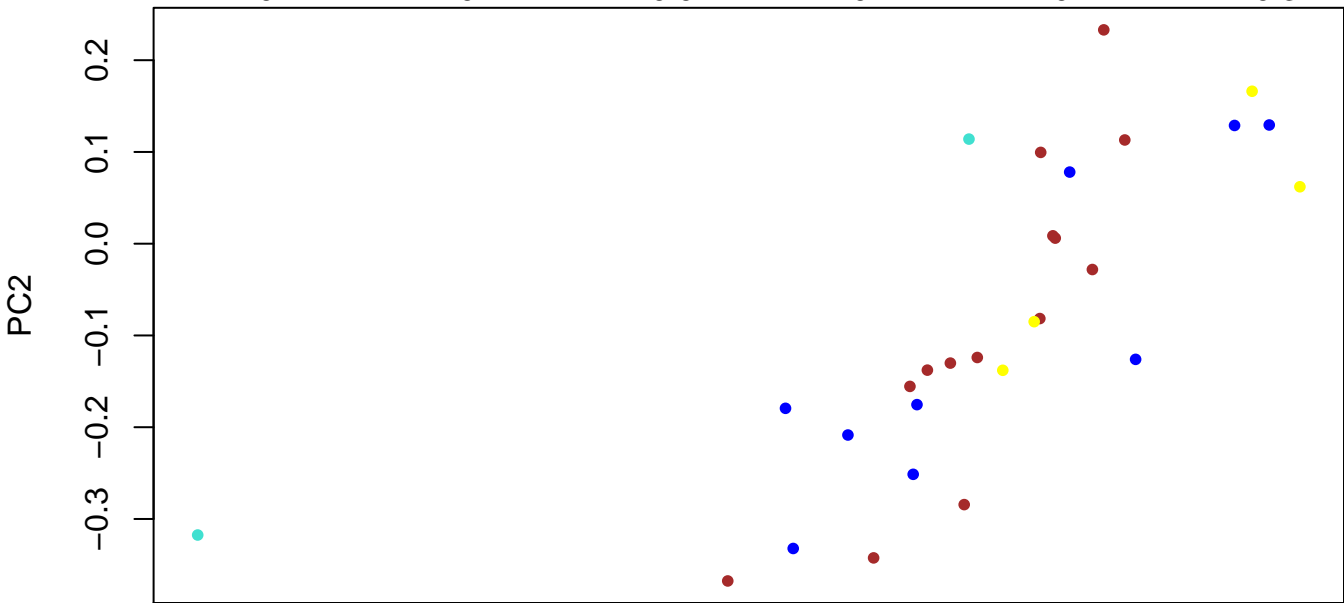
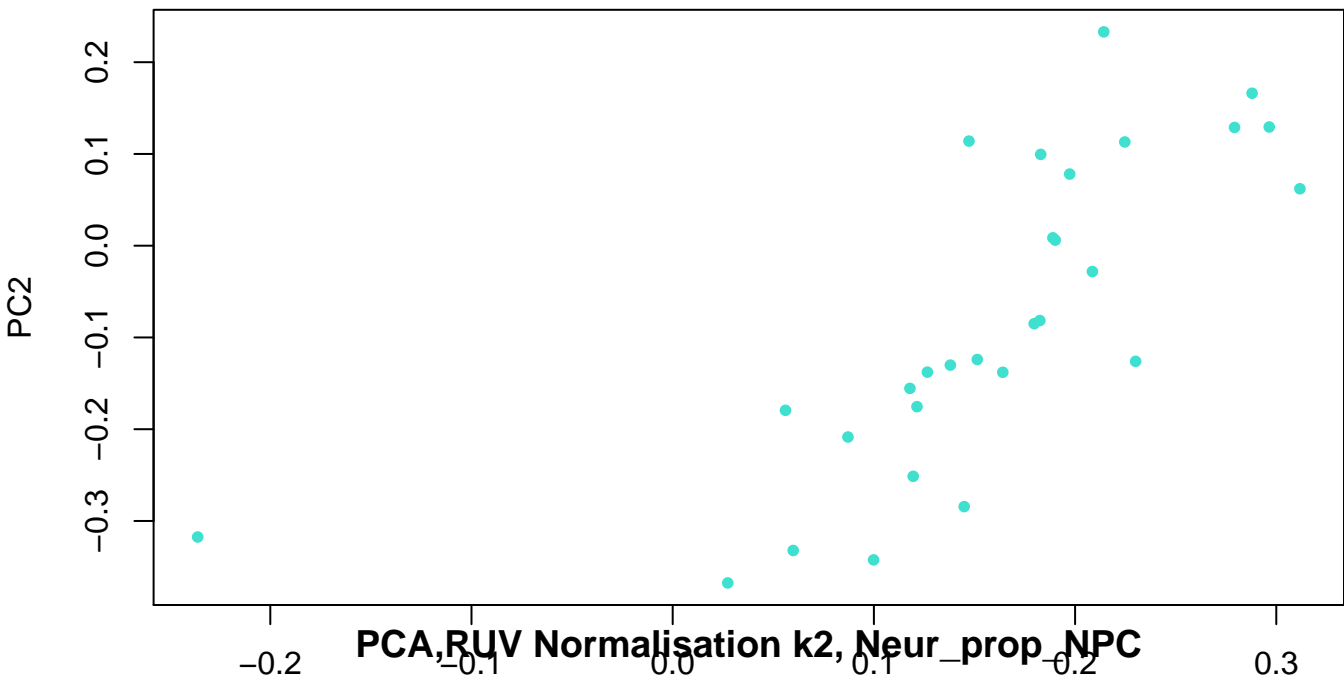
70

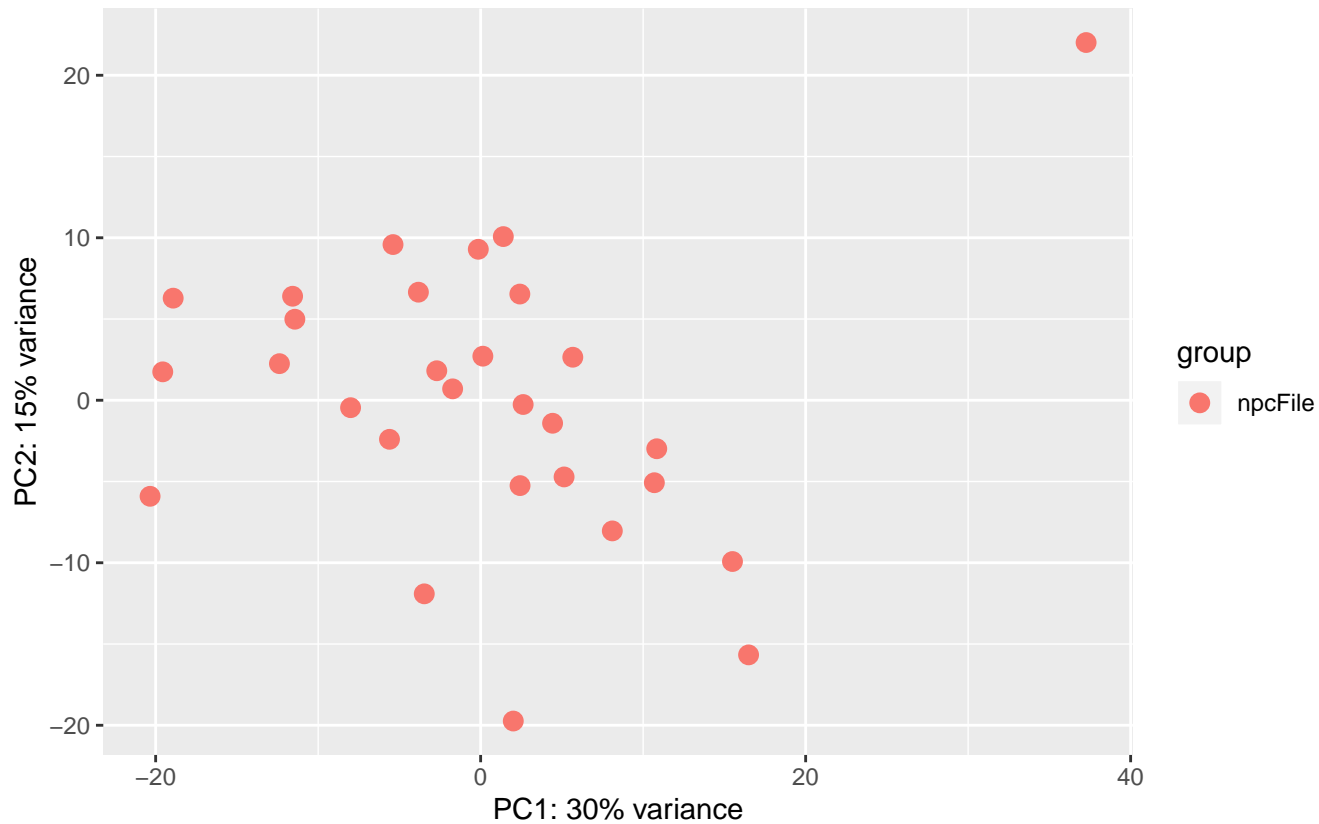
30

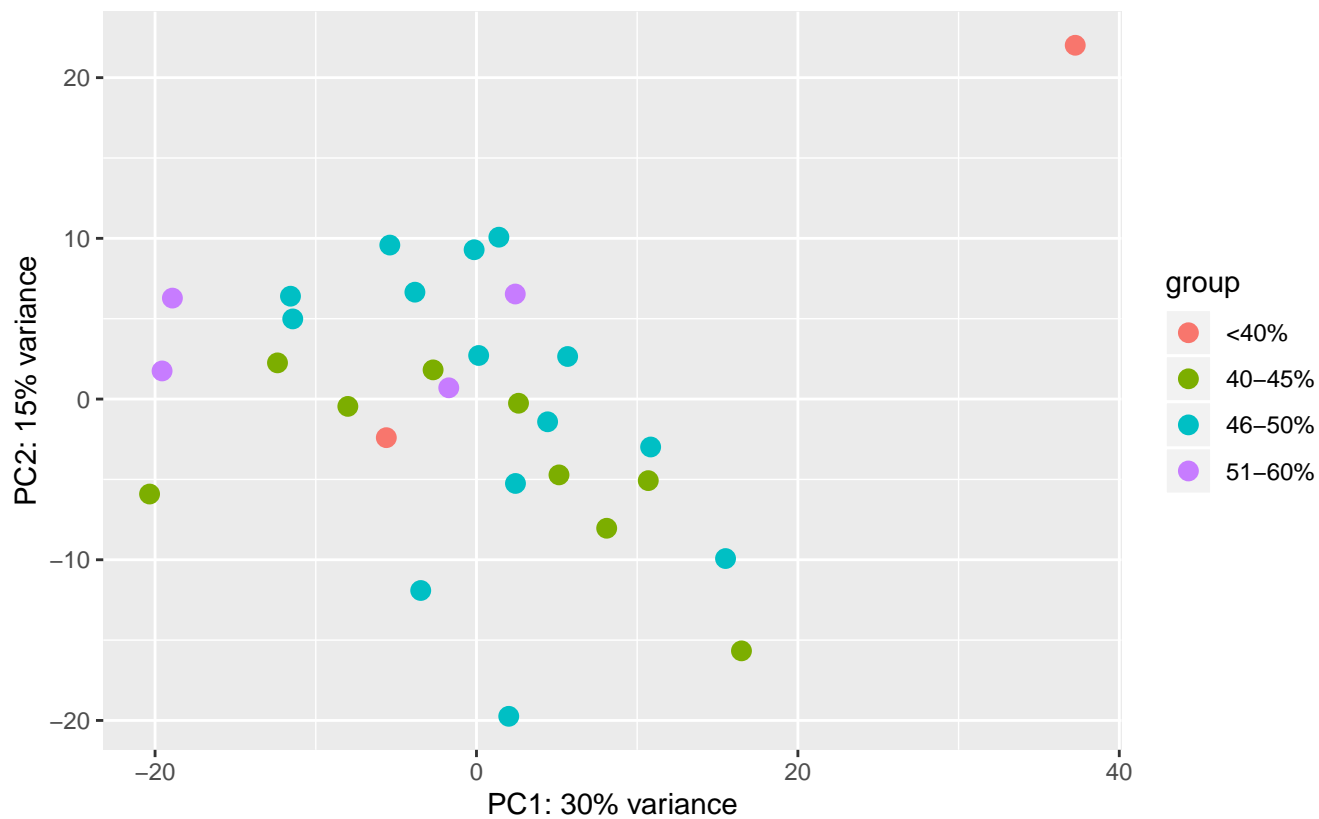


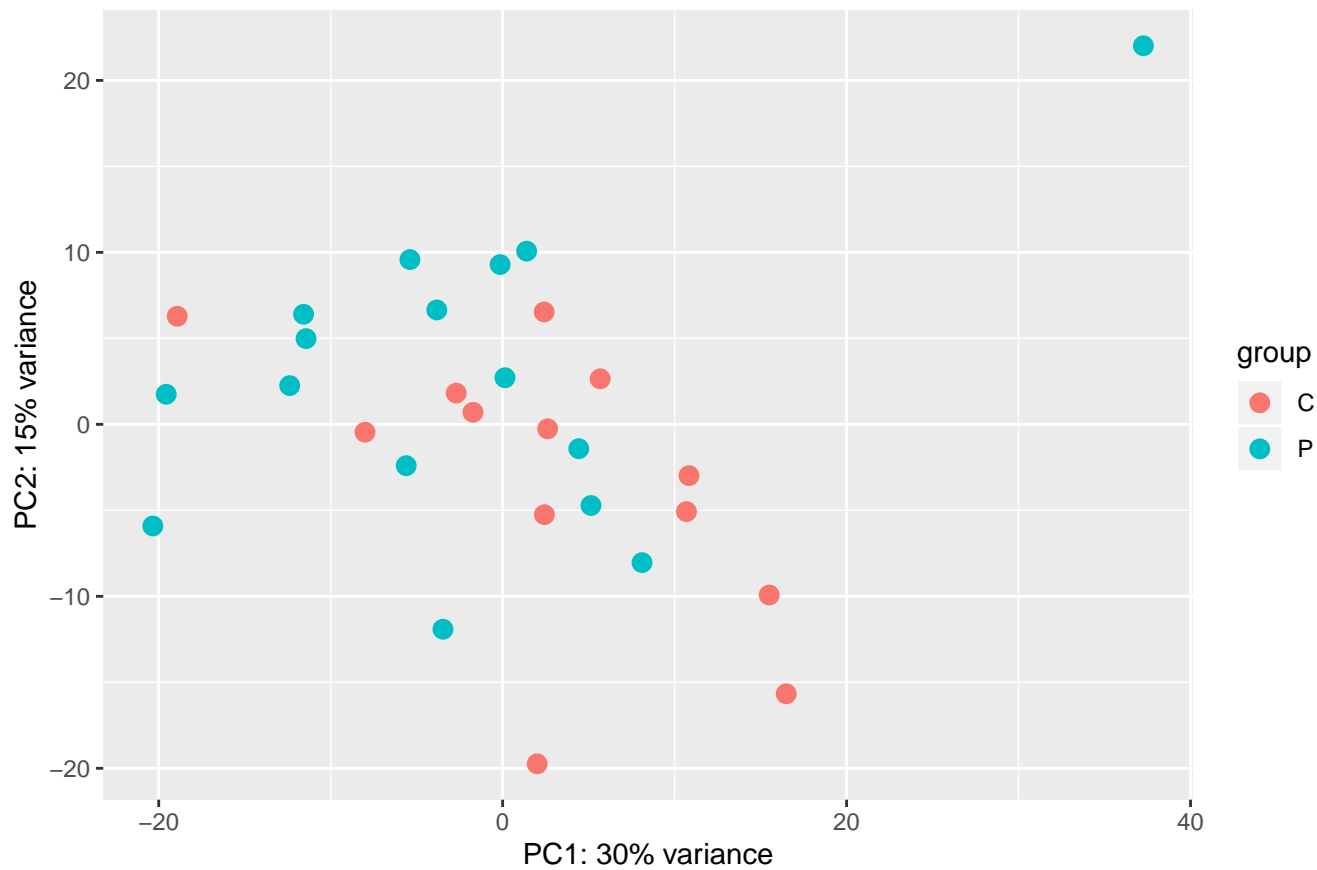


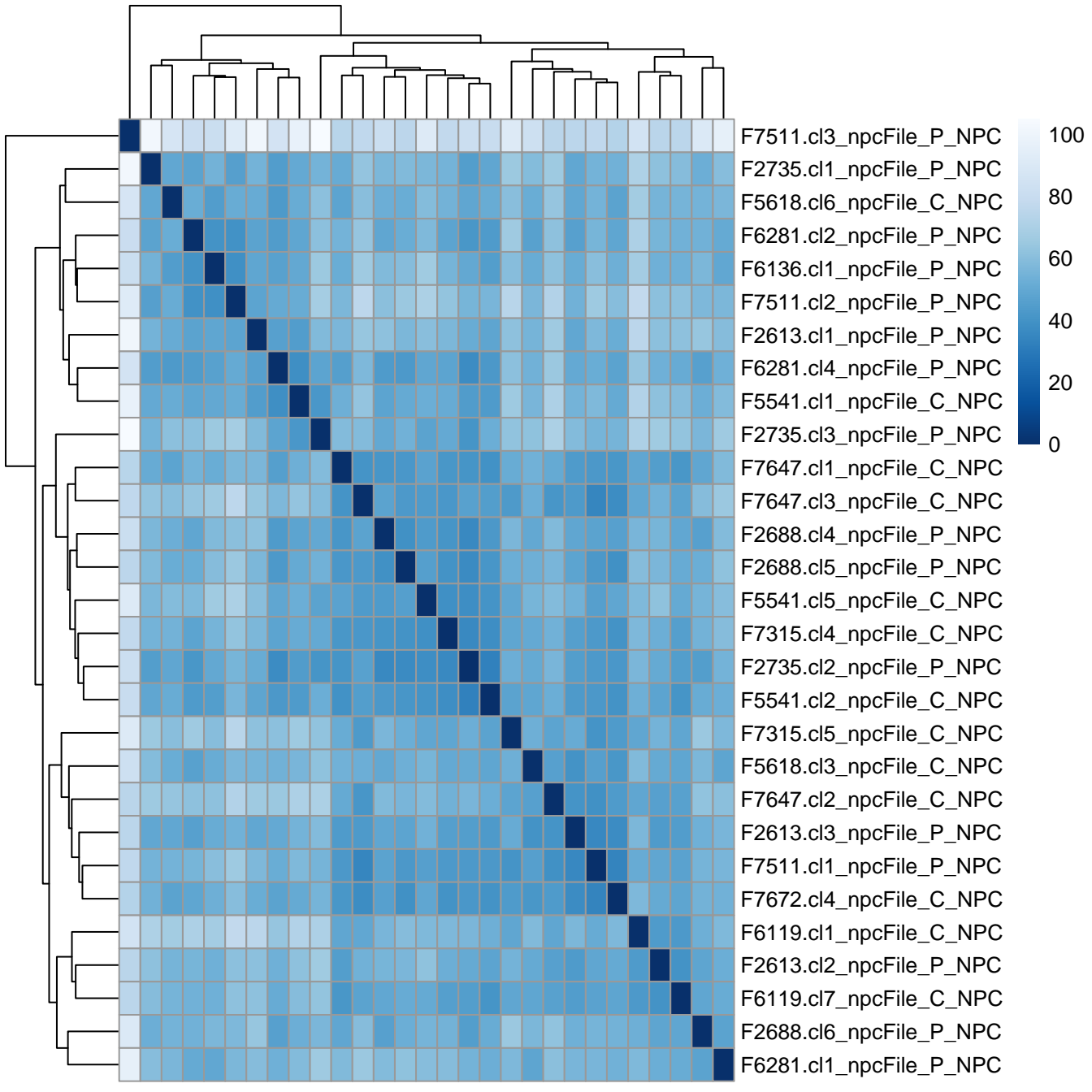
**PCA,RUV Normalisation k2, batch**







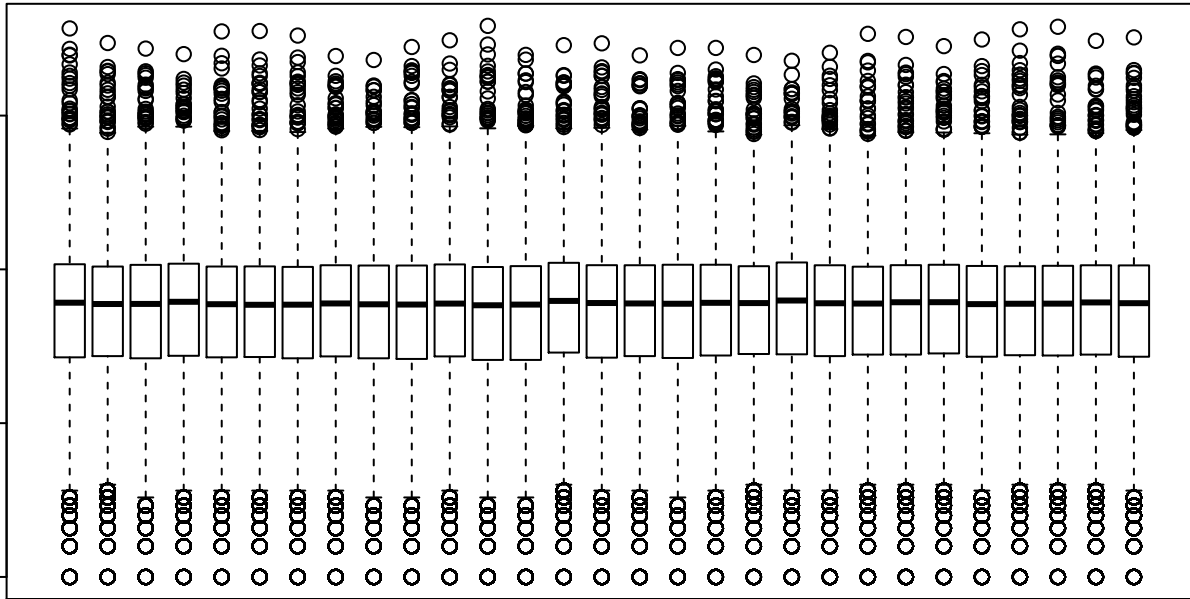




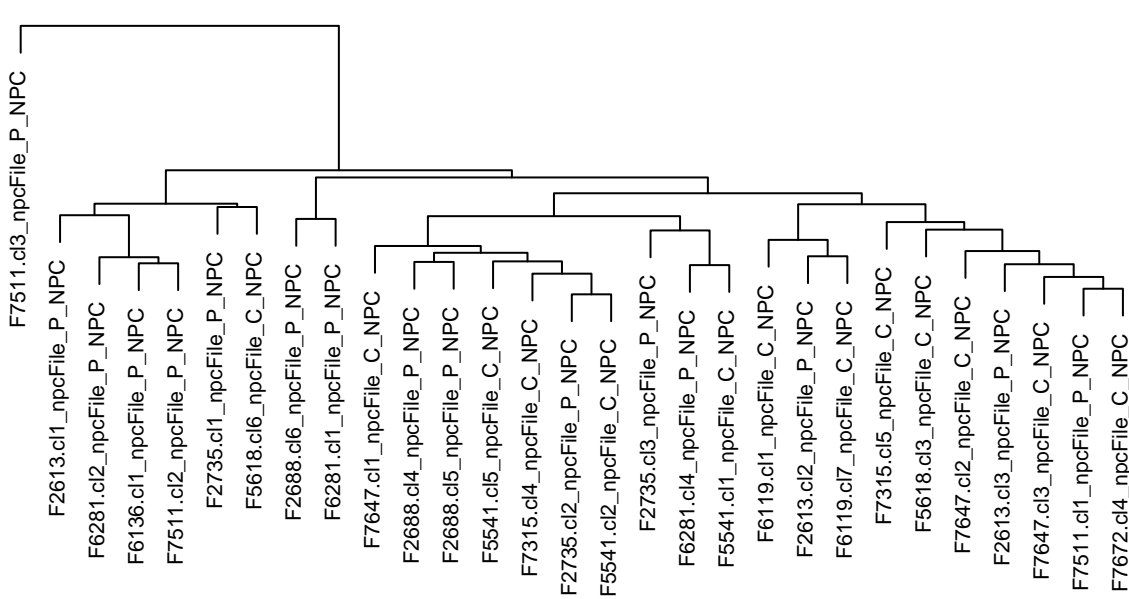
Height

0 5 10 15

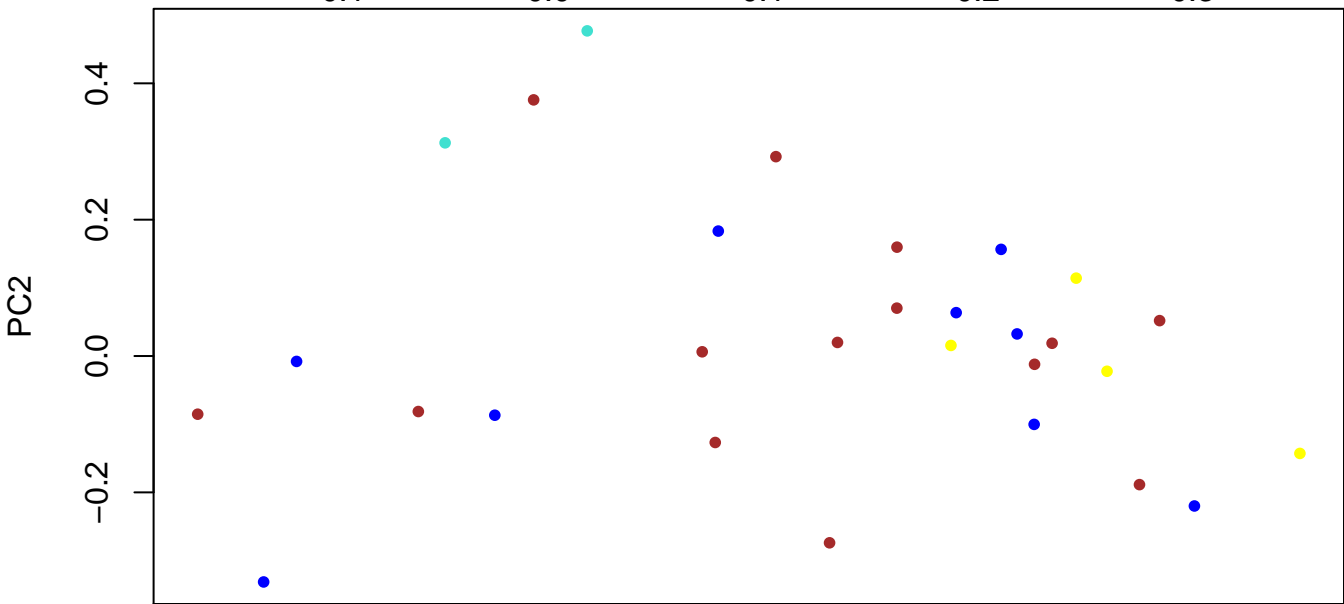
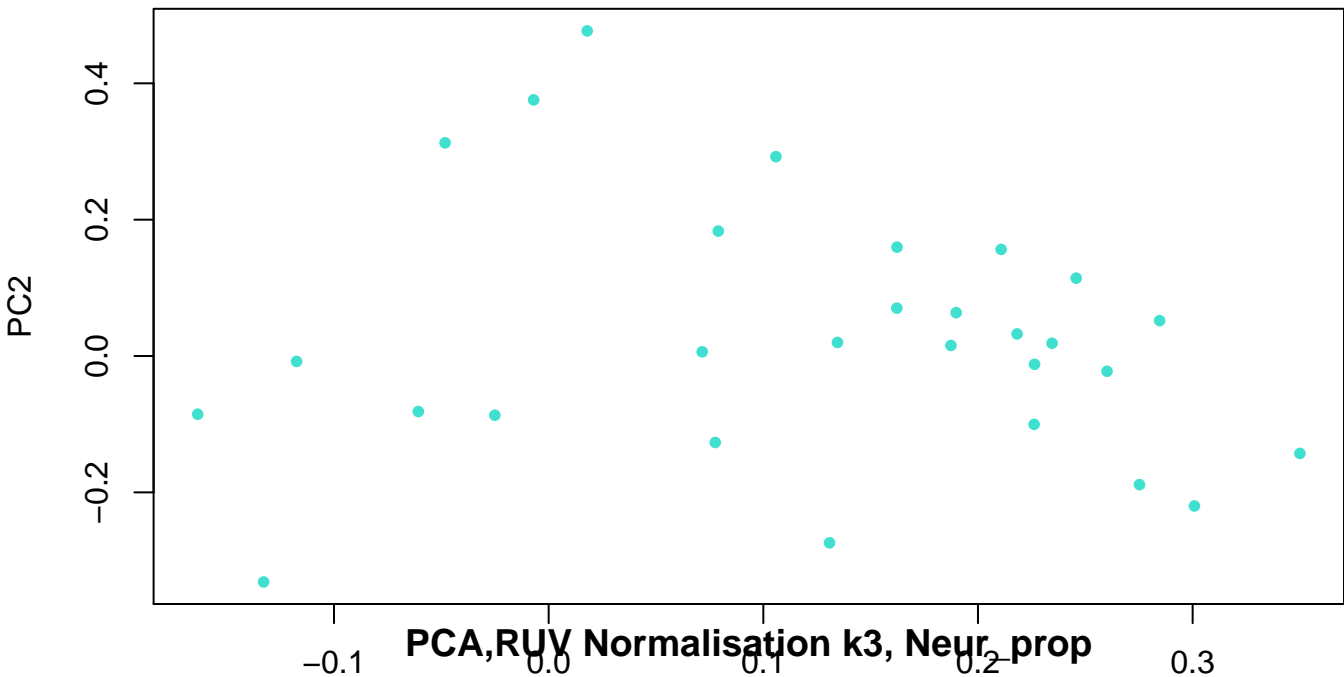
30 50 70

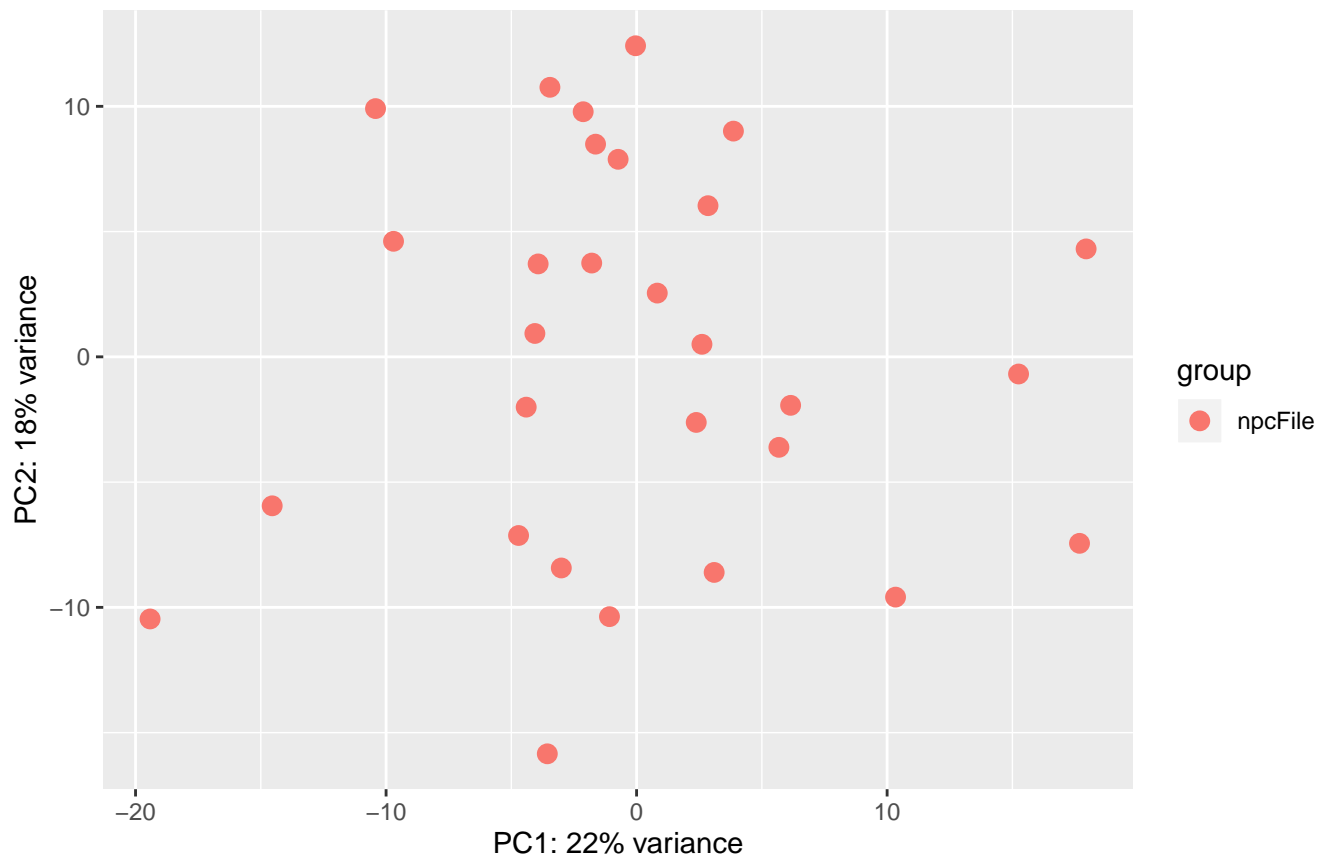


## Sample clustering NPC

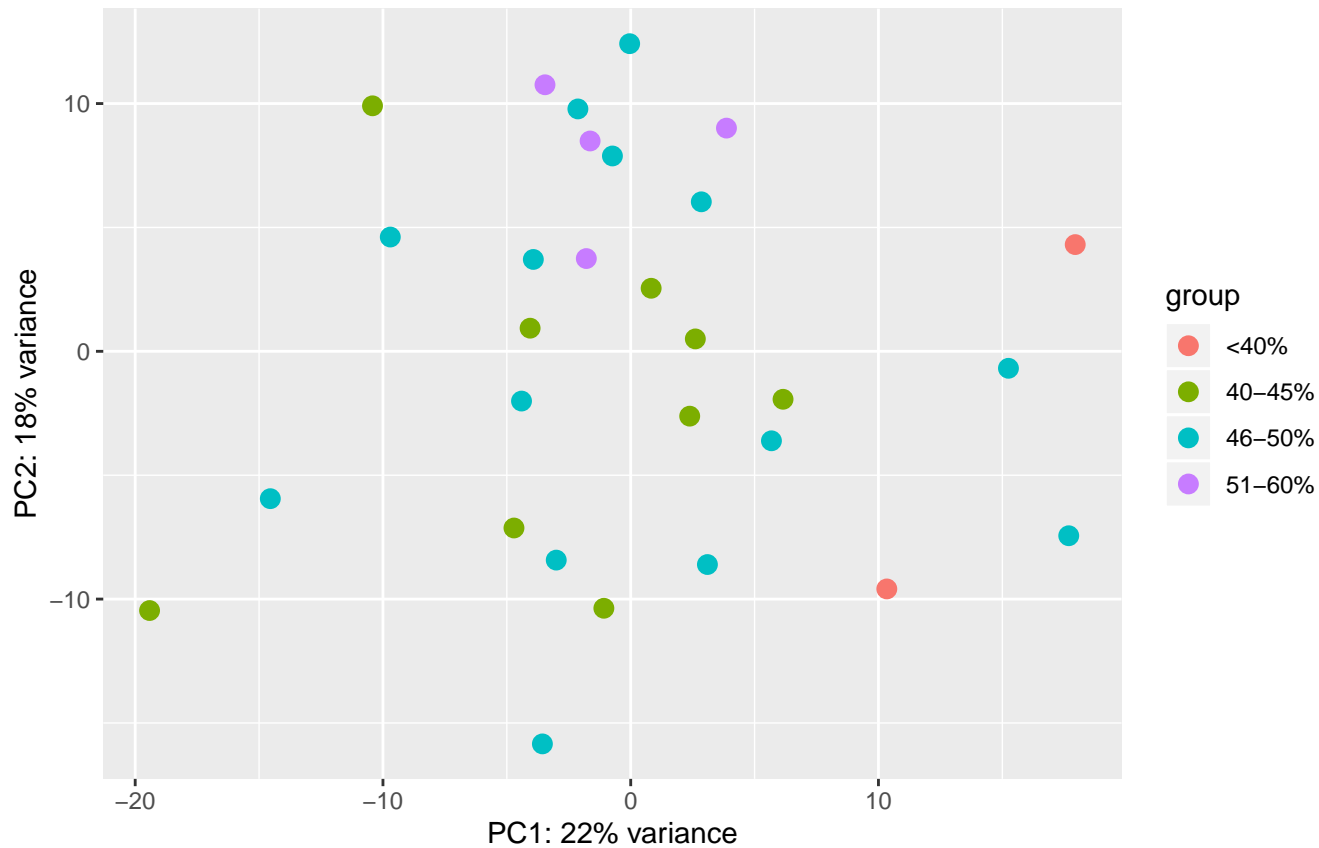


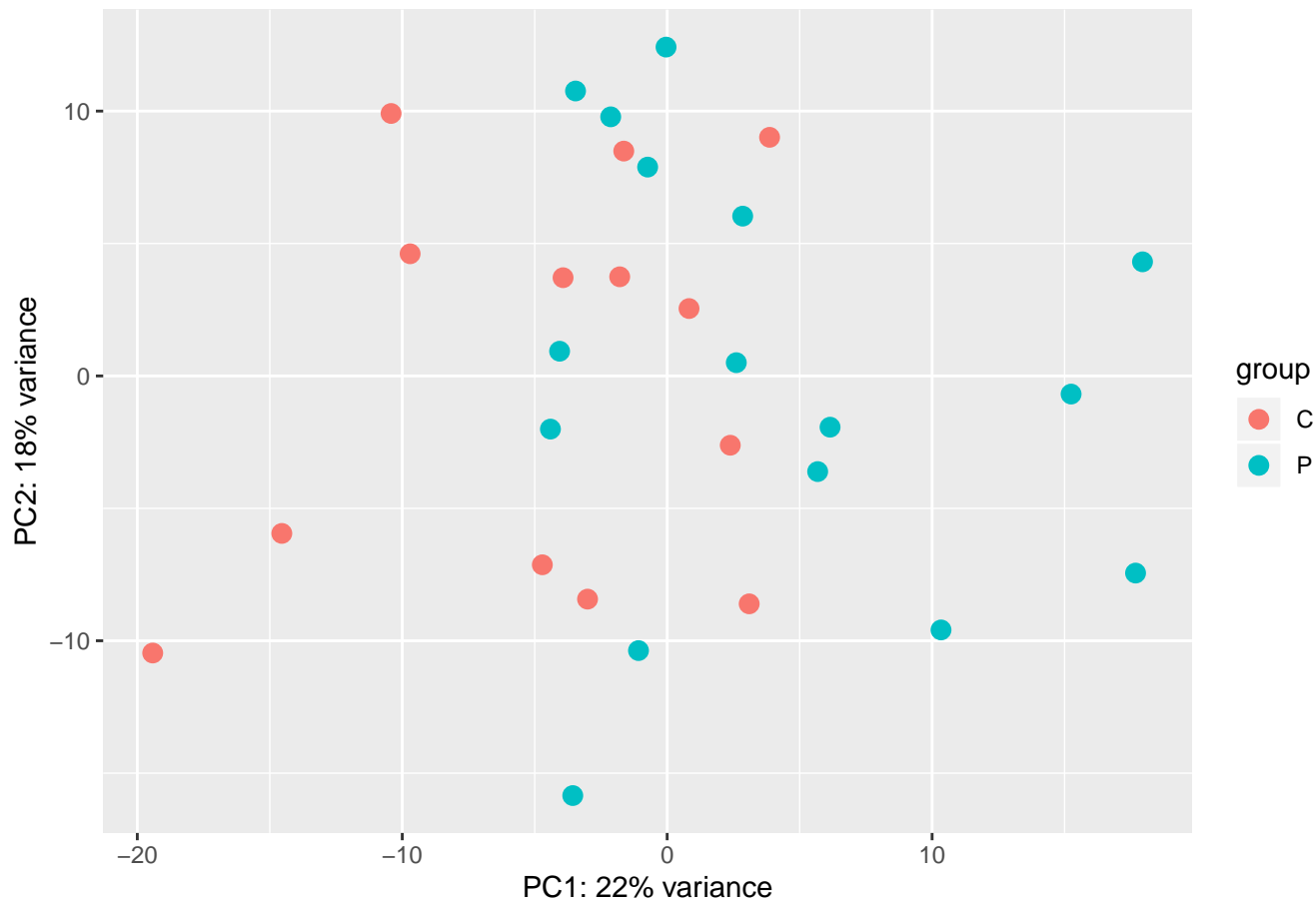
**PCA,RUV Normalisation k3, batch**

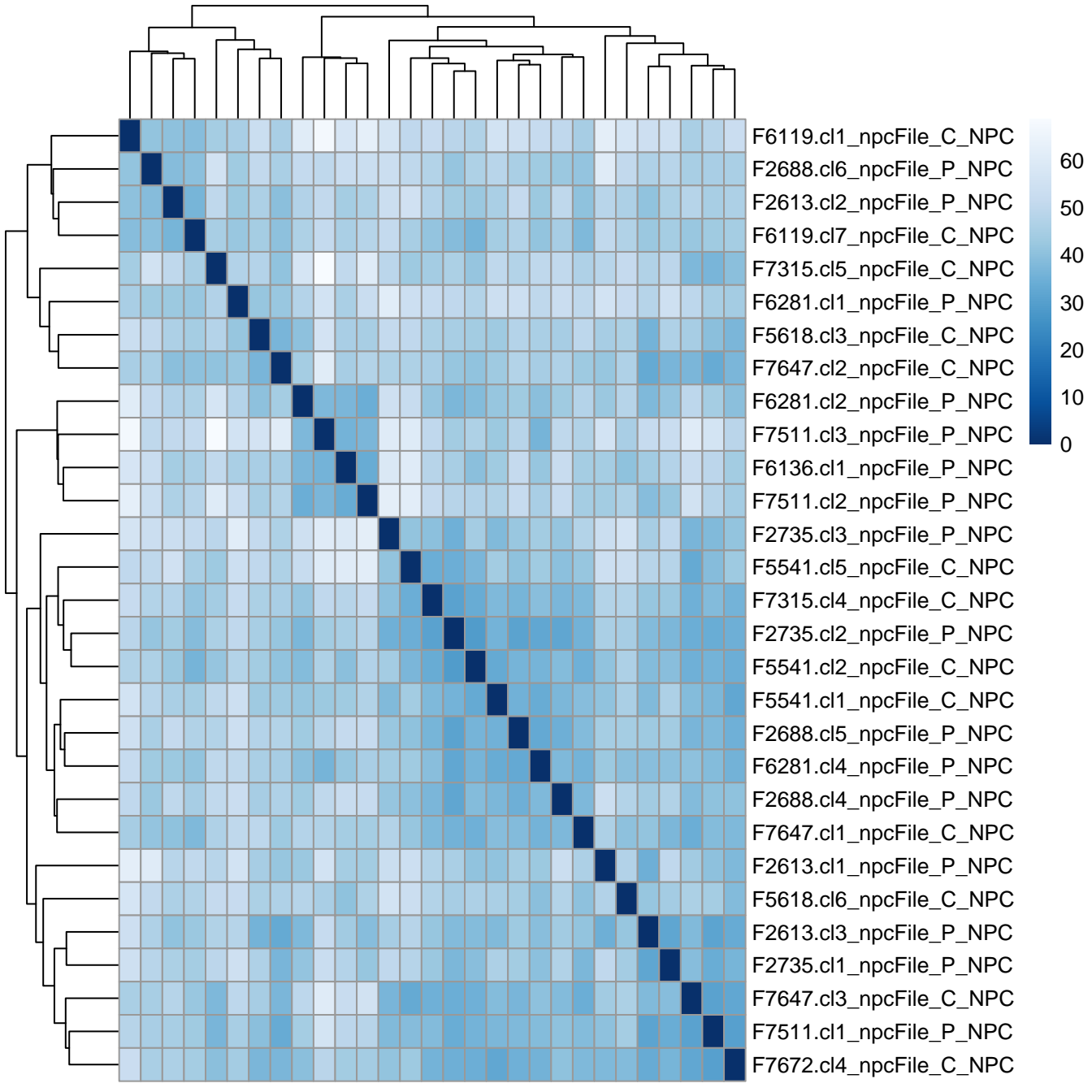












Height

25 30 35 40 45 50

# Sample clustering NPC

F5618.cl6\_npcFile\_C\_NPC

F7511.cl3\_npcFile\_P\_NPC

F6281.cl2\_npcFile\_P\_NPC

F6136.cl1\_npcFile\_P\_NPC

F7511.cl2\_npcFile\_P\_NPC

F7315.cl5\_npcFile\_C\_NPC

F2613.cl1\_npcFile\_P\_NPC

F2735.cl3\_npcFile\_P\_NPC

F7647.cl3\_npcFile\_C\_NPC

F7511.cl1\_npcFile\_P\_NPC

F7672.cl4\_npcFile\_C\_NPC

F7647.cl2\_npcFile\_C\_NPC

F2613.cl3\_npcFile\_P\_NPC

F2735.cl1\_npcFile\_P\_NPC

F7647.cl1\_npcFile\_C\_NPC

F5541.cl5\_npcFile\_C\_NPC

F7315.cl4\_npcFile\_C\_NPC

F2735.cl2\_npcFile\_P\_NPC

F5541.cl2\_npcFile\_C\_NPC

F2688.cl4\_npcFile\_P\_NPC

F5541.cl1\_npcFile\_C\_NPC

F2688.cl5\_npcFile\_P\_NPC

F6281.cl4\_npcFile\_P\_NPC

F6119.cl1\_npcFile\_C\_NPC

F2688.cl6\_npcFile\_P\_NPC

F2613.cl2\_npcFile\_P\_NPC

F6119.cl7\_npcFile\_C\_NPC

F6281.cl1\_npcFile\_P\_NPC

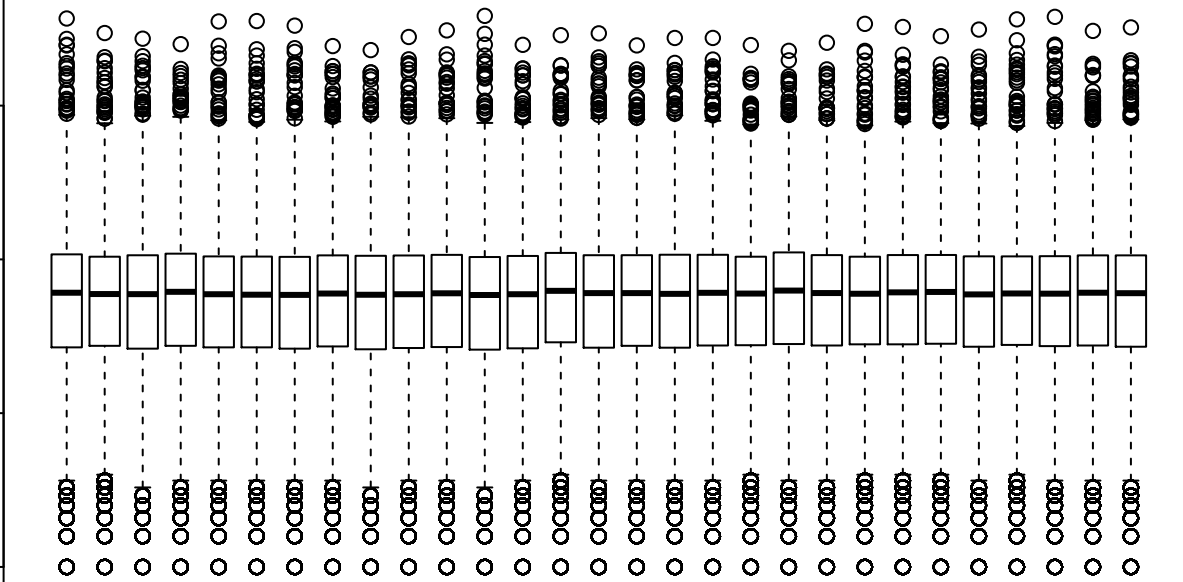
F5618.cl3\_npcFile\_C\_NPC

15

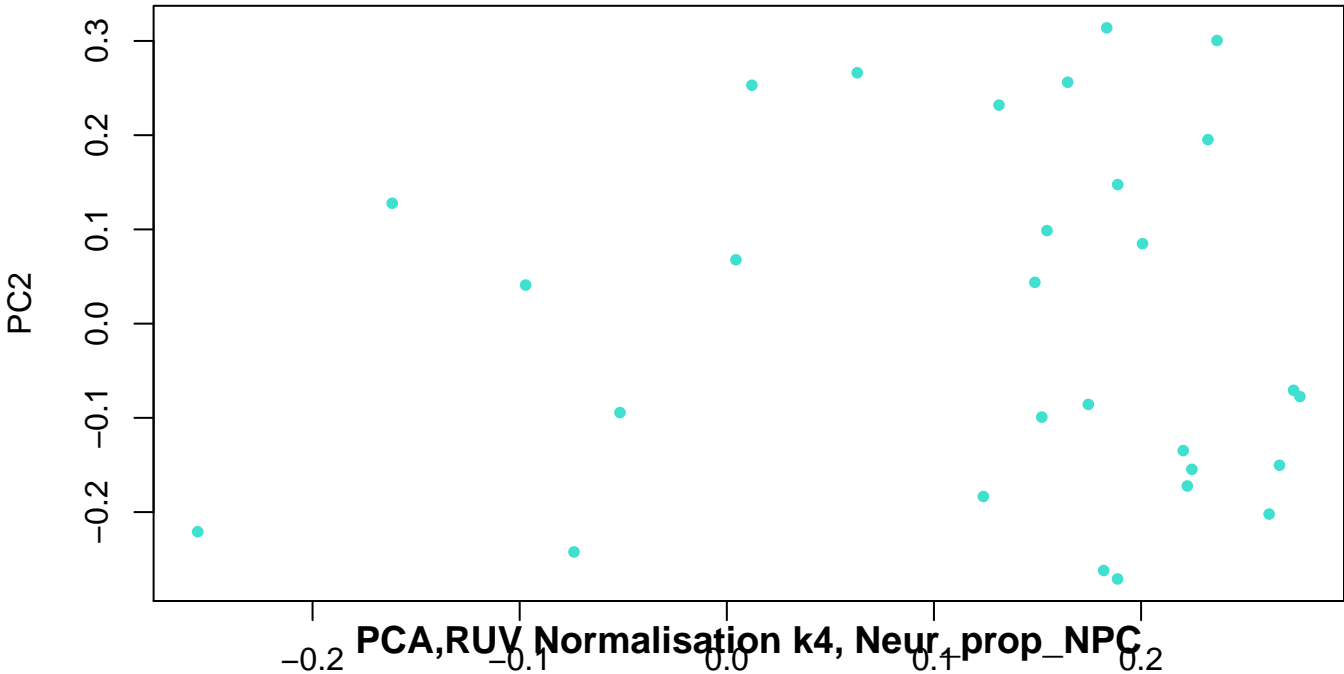
10

5

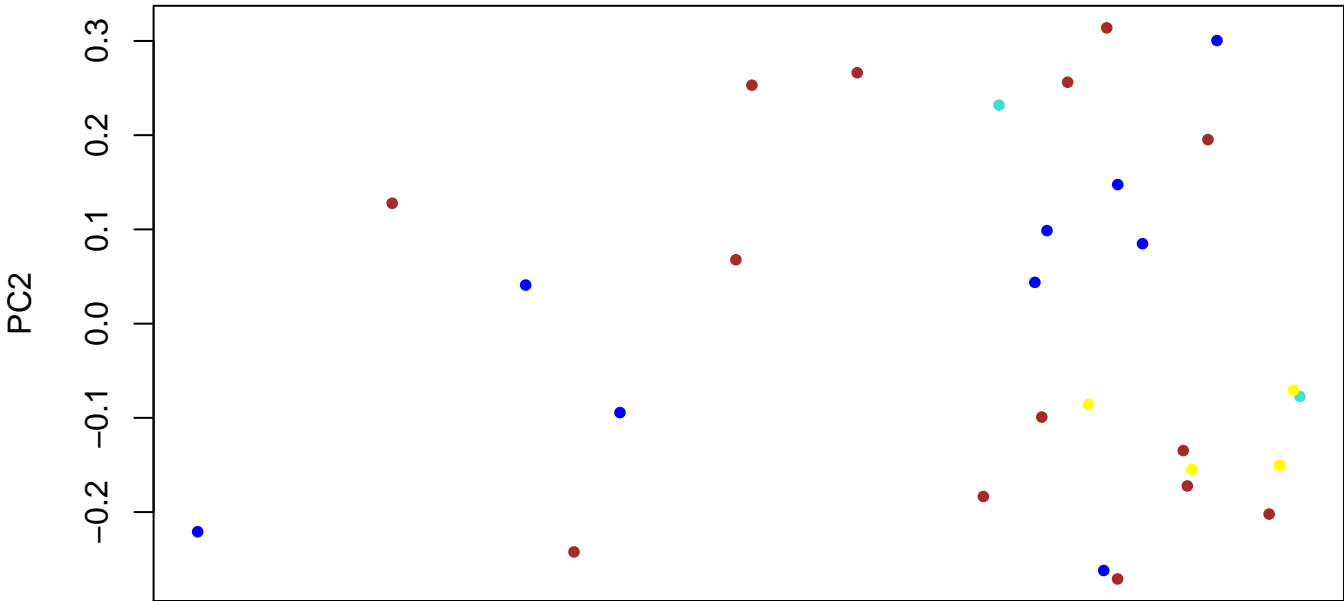
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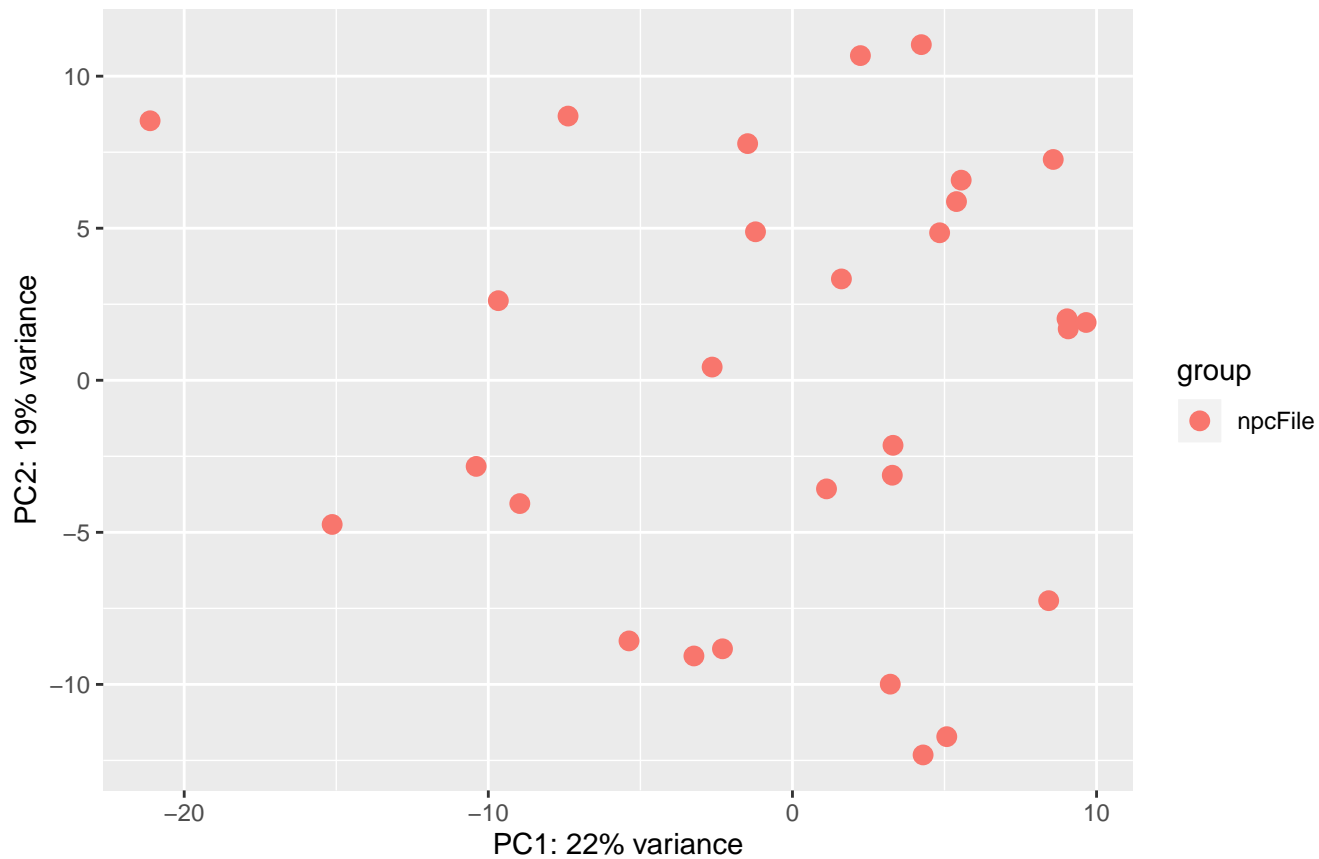


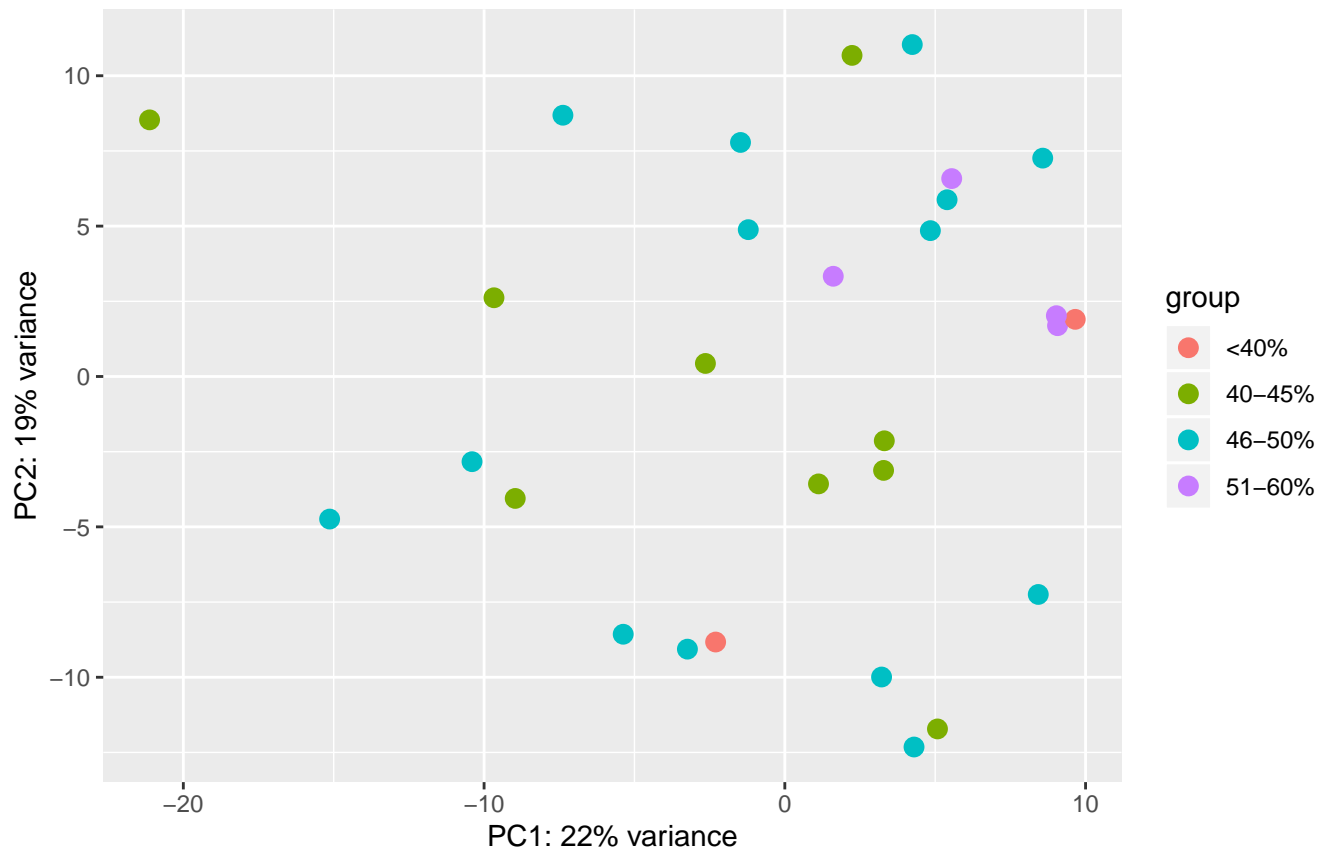
PCA,RUV Normalisation k4, batch

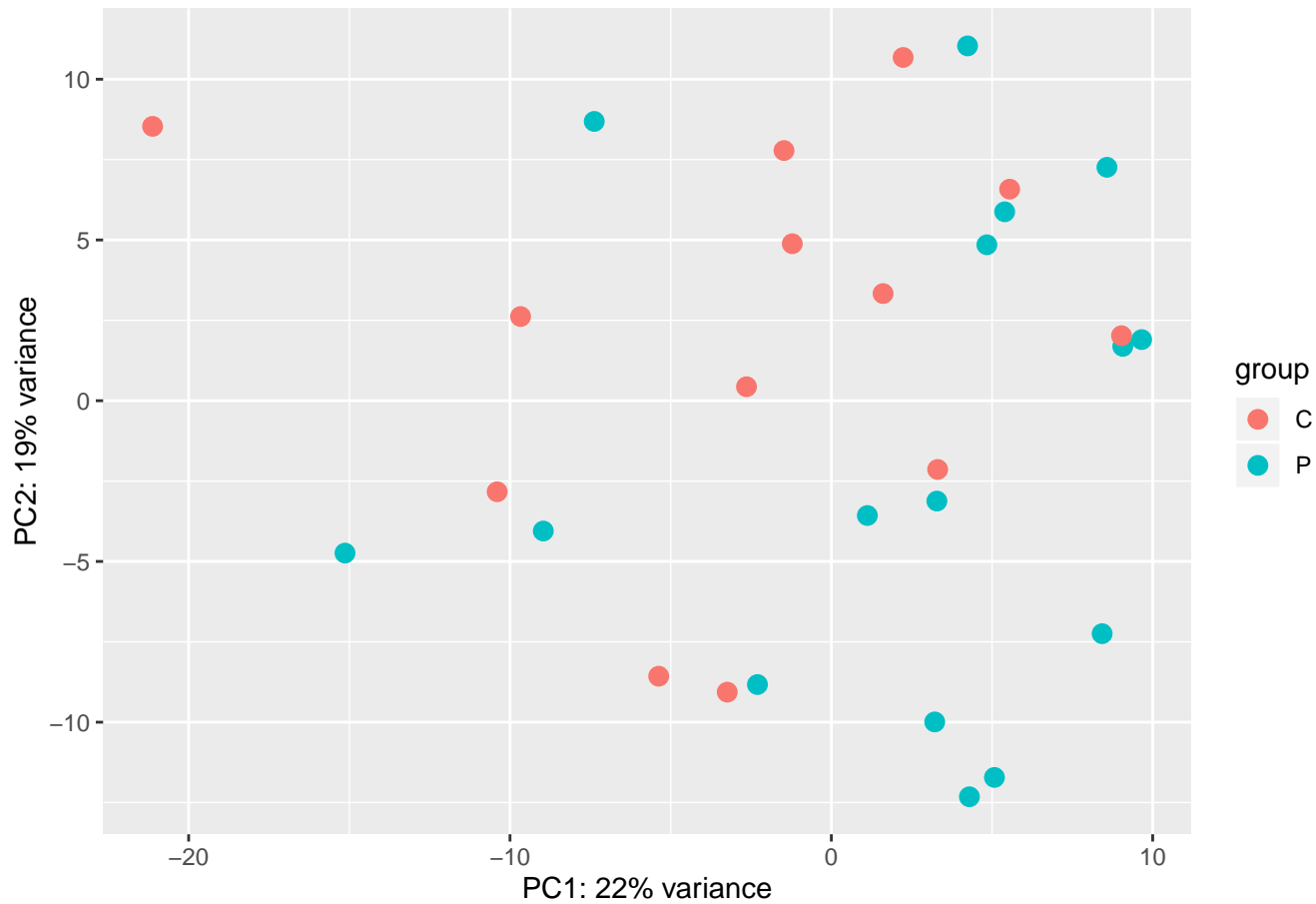


PCA,RUV Normalisation k4, Neur\_prop\_NPC

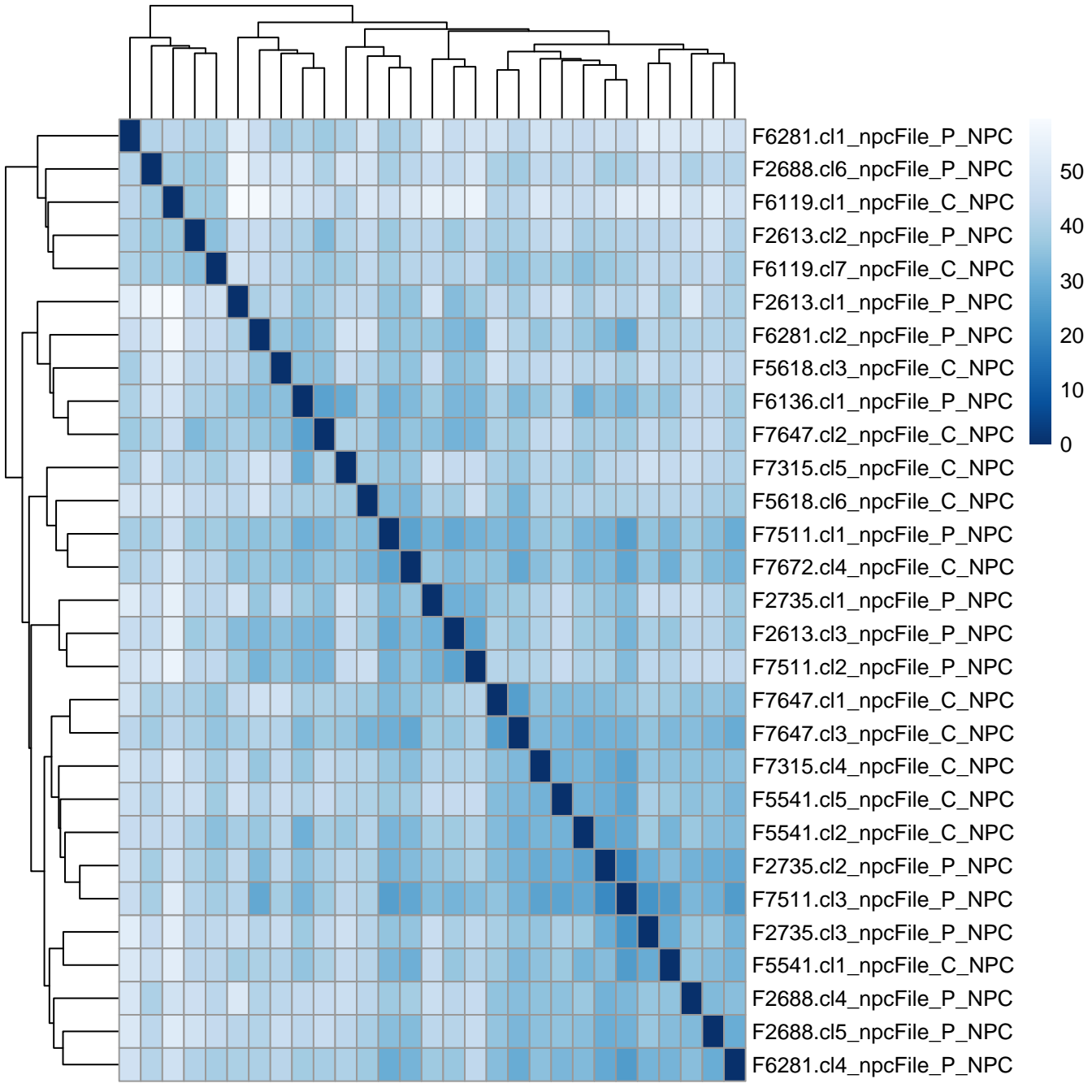












Height

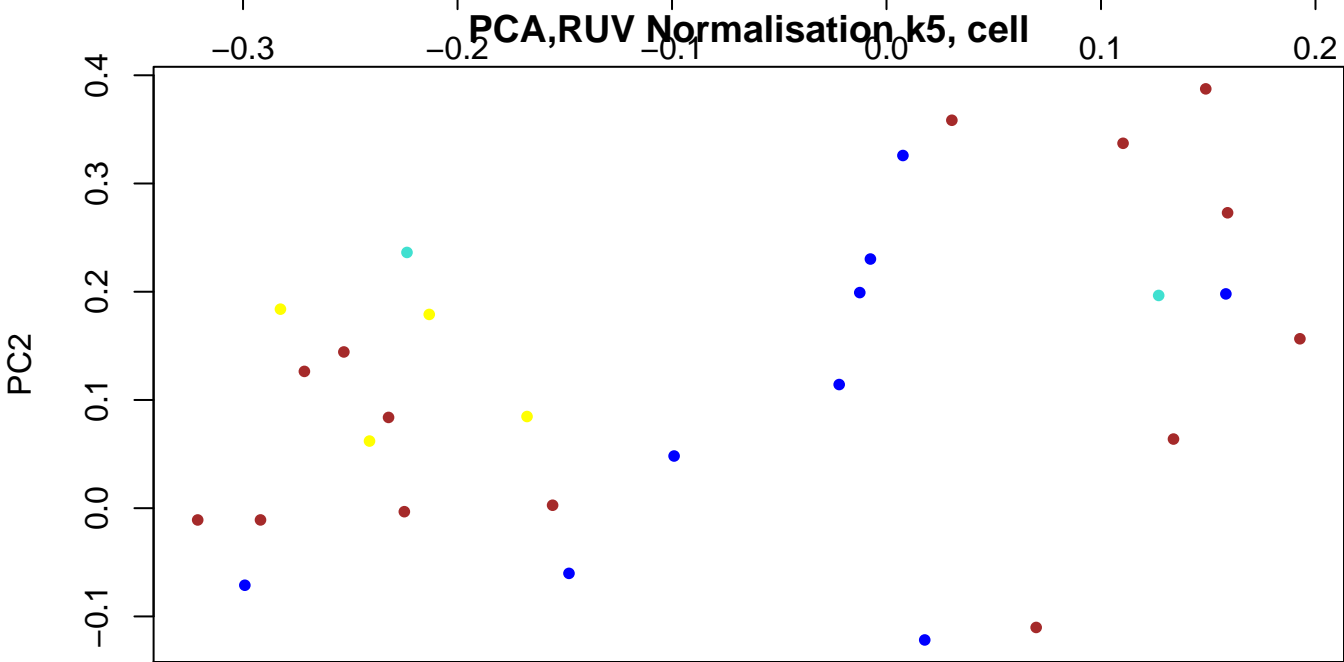
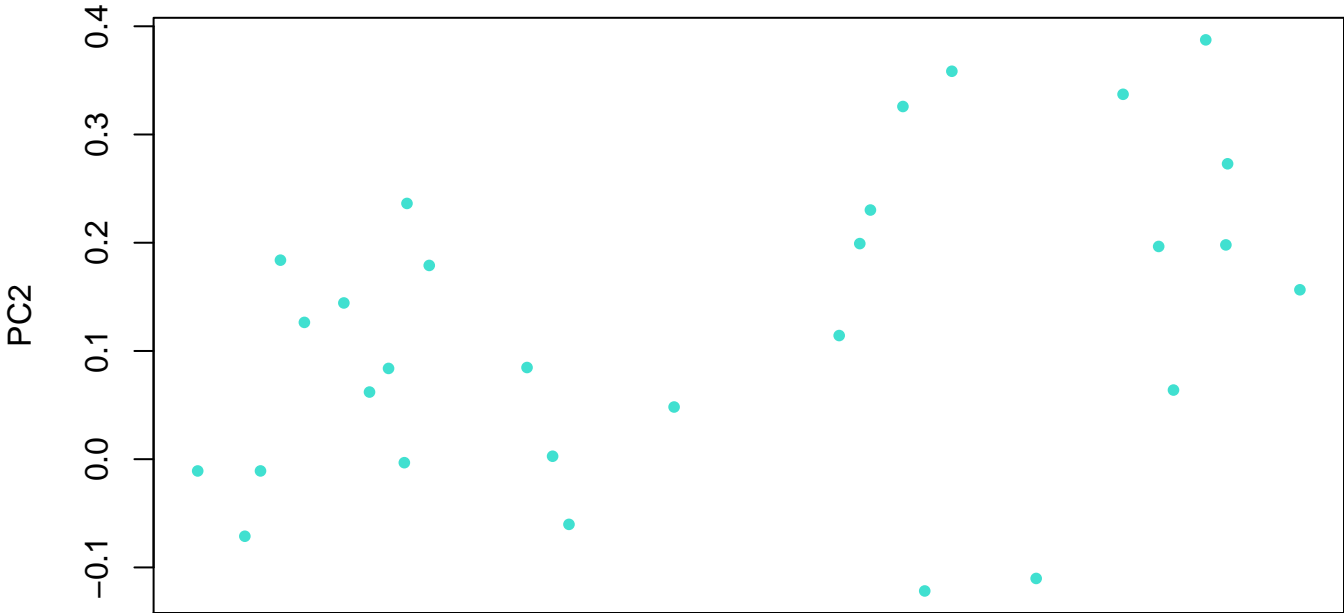
0 5 10 15

20 30 40

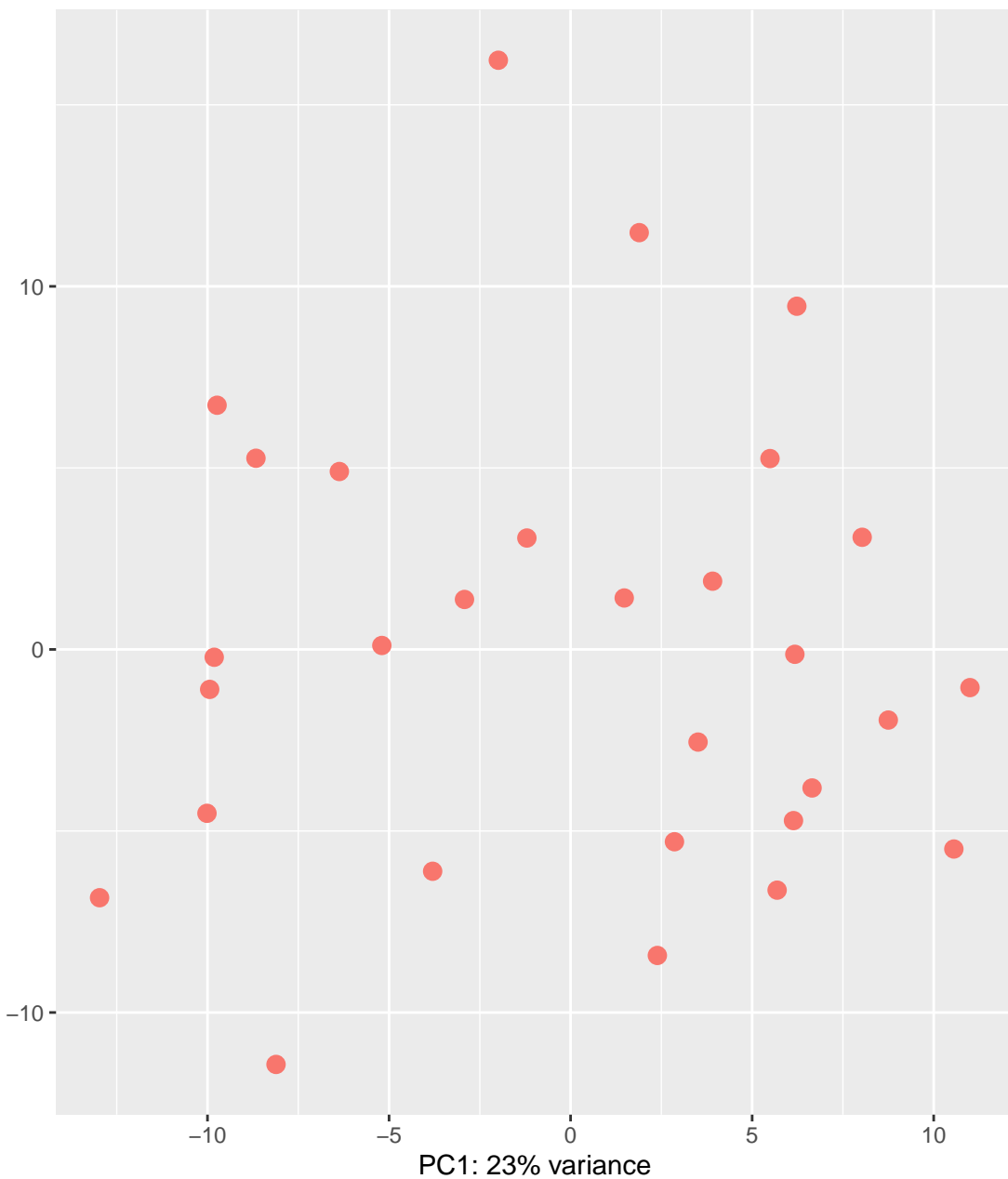
# Sample clustering NPC

F6281.cl1\_npcFile\_P\_NPC  
F2688.cl6\_npcFile\_P\_NPC  
F6119.cl1\_npcFile\_C\_NPC  
F2613.cl2\_npcFile\_P\_NPC  
F6119.cl7\_npcFile\_C\_NPC  
F2613.cl1\_npcFile\_P\_NPC  
F5618.cl6\_npcFile\_C\_NPC  
F7315.cl5\_npcFile\_C\_NPC  
F2688.cl4\_npcFile\_P\_NPC  
F2688.cl5\_npcFile\_P\_NPC  
F7511.cl1\_npcFile\_P\_NPC  
F7672.cl4\_npcFile\_C\_NPC  
F5541.cl1\_npcFile\_C\_NPC  
F6281.cl4\_npcFile\_P\_NPC  
F2735.cl3\_npcFile\_P\_NPC  
F2735.cl2\_npcFile\_P\_NPC  
F7511.cl3\_npcFile\_P\_NPC  
F7647.cl1\_npcFile\_C\_NPC  
F7647.cl3\_npcFile\_C\_NPC  
F7315.cl4\_npcFile\_C\_NPC  
F5541.cl2\_npcFile\_C\_NPC  
F5541.cl5\_npcFile\_C\_NPC  
F5618.cl3\_npcFile\_C\_NPC  
F6281.cl2\_npcFile\_P\_NPC  
F6136.cl1\_npcFile\_P\_NPC  
F7647.cl2\_npcFile\_C\_NPC  
F2735.cl1\_npcFile\_P\_NPC  
F2613.cl3\_npcFile\_P\_NPC  
F7511.cl2\_npcFile\_P\_NPC

PCA,RUV Normalisation k5, batch



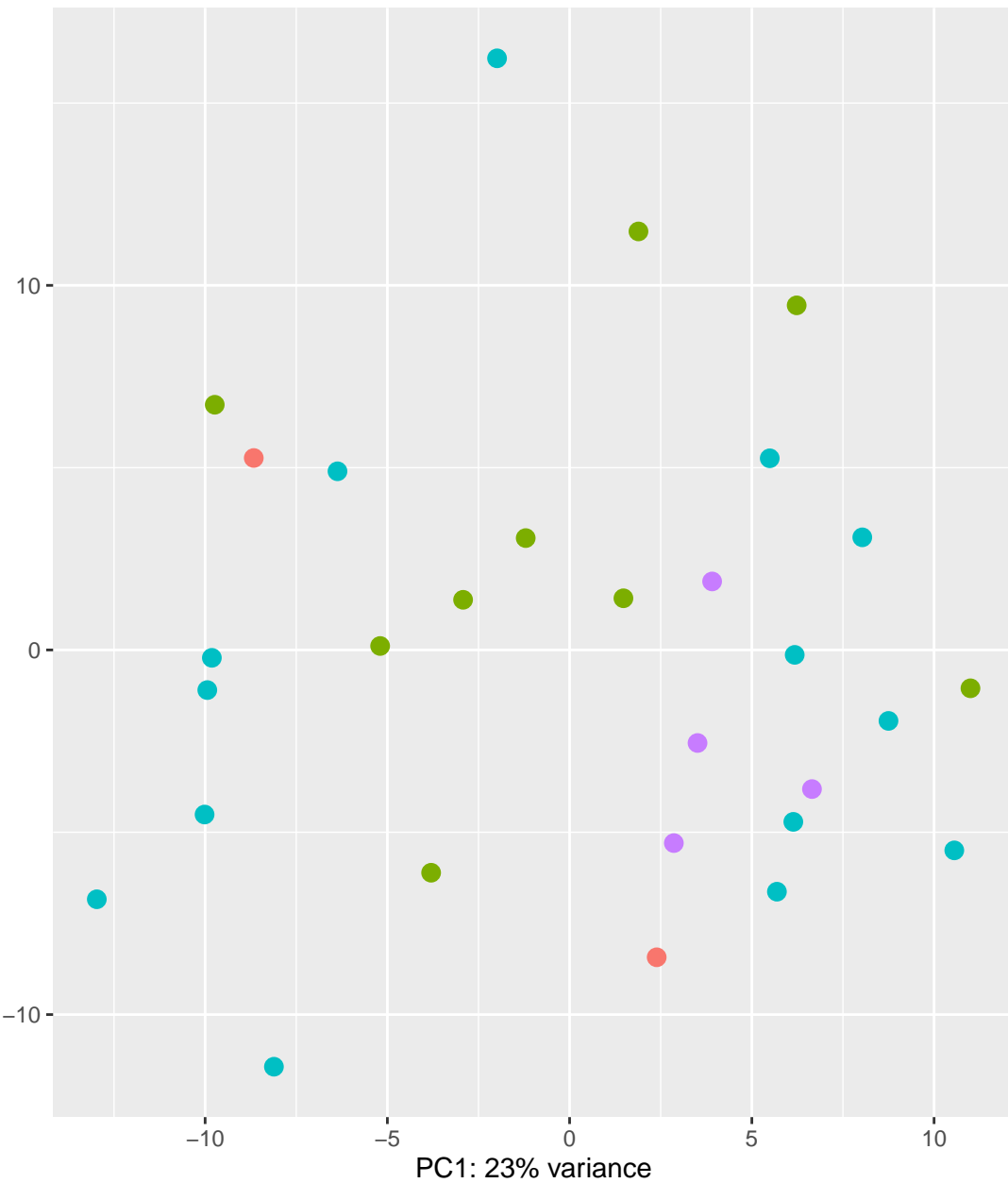
PC2: 18% variance



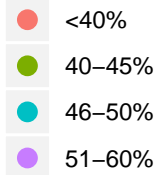
group

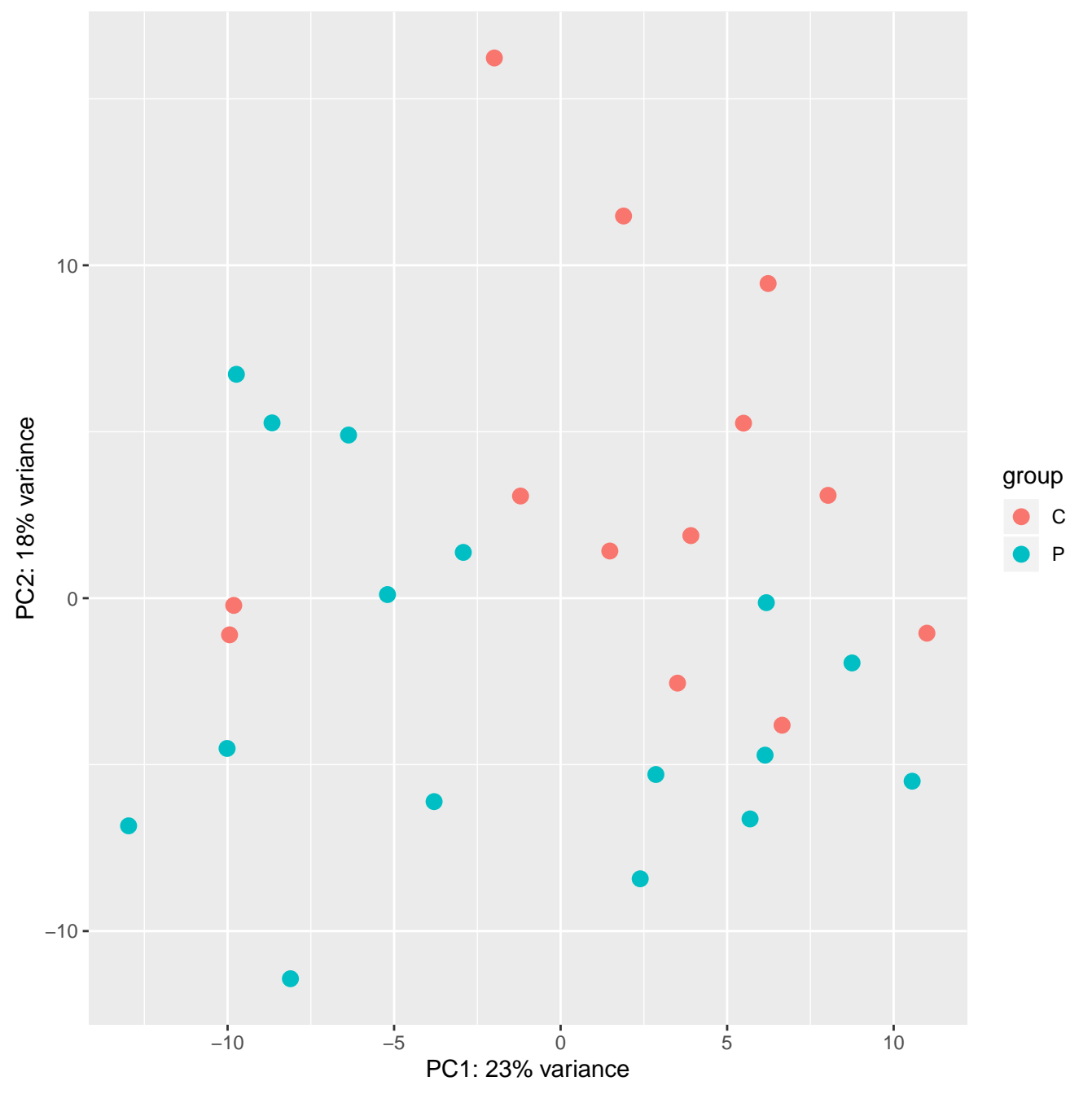
● npcFile

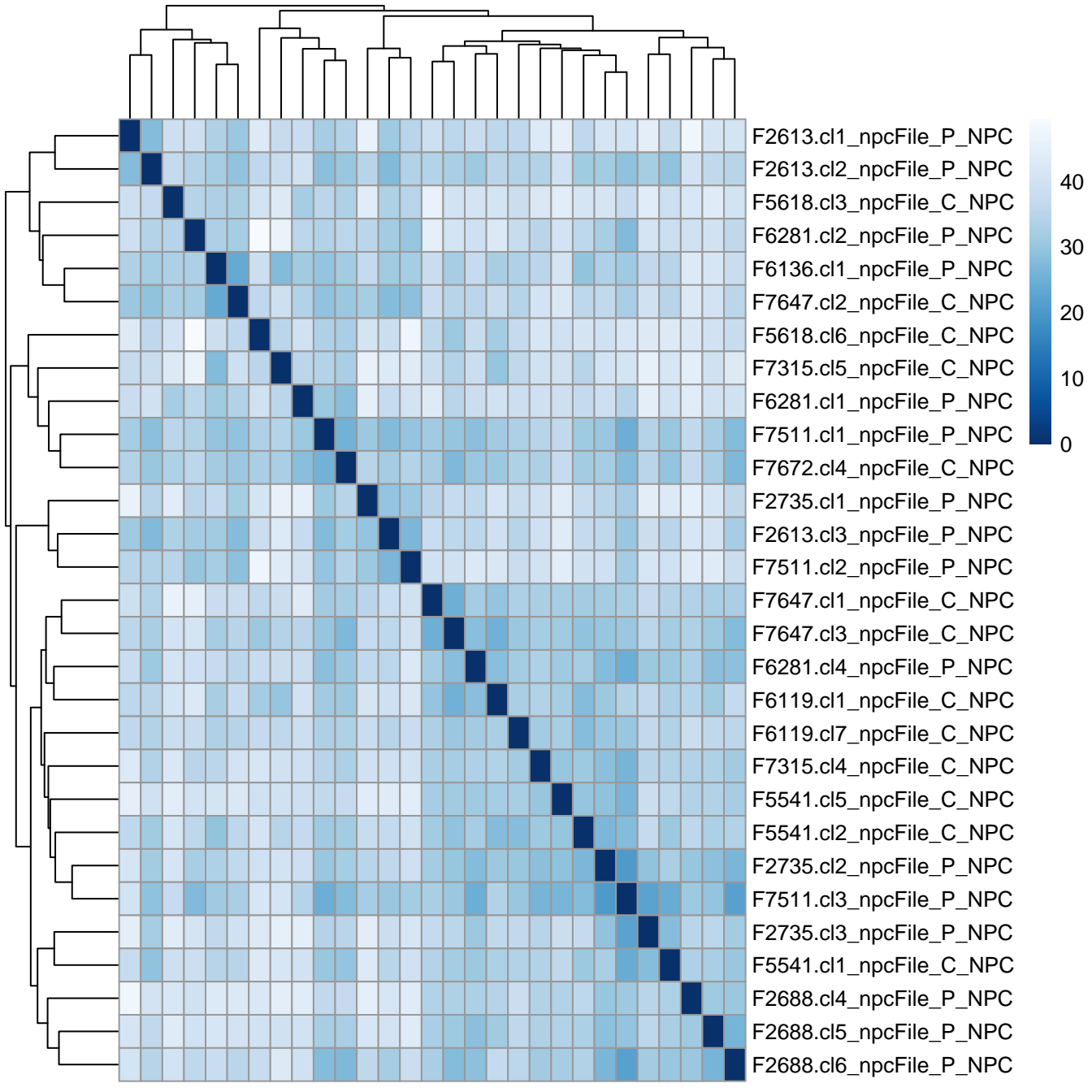
PC2: 18% variance



group







Height

20 25 30 35 40

# Sample clustering NPC

