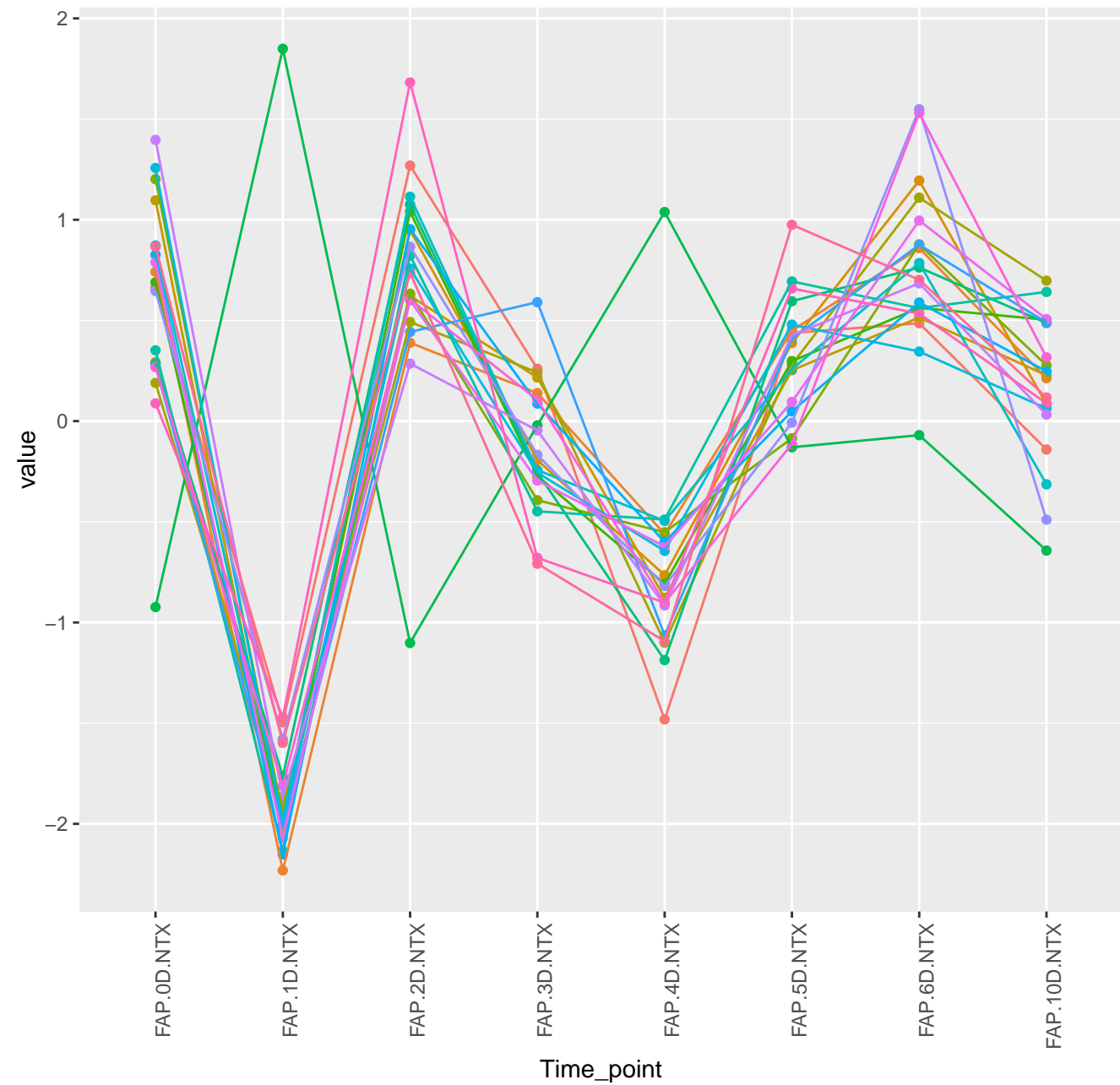
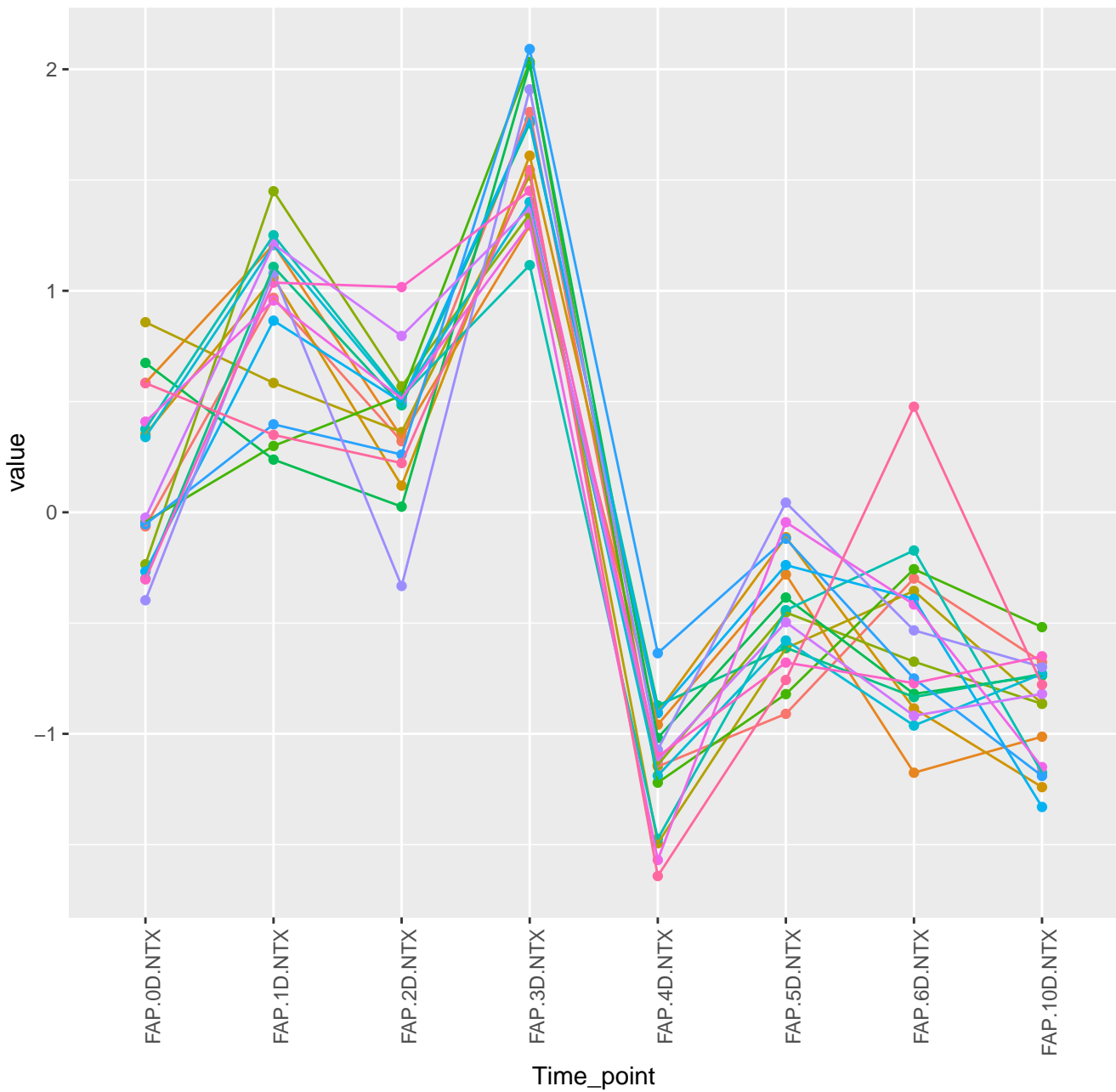


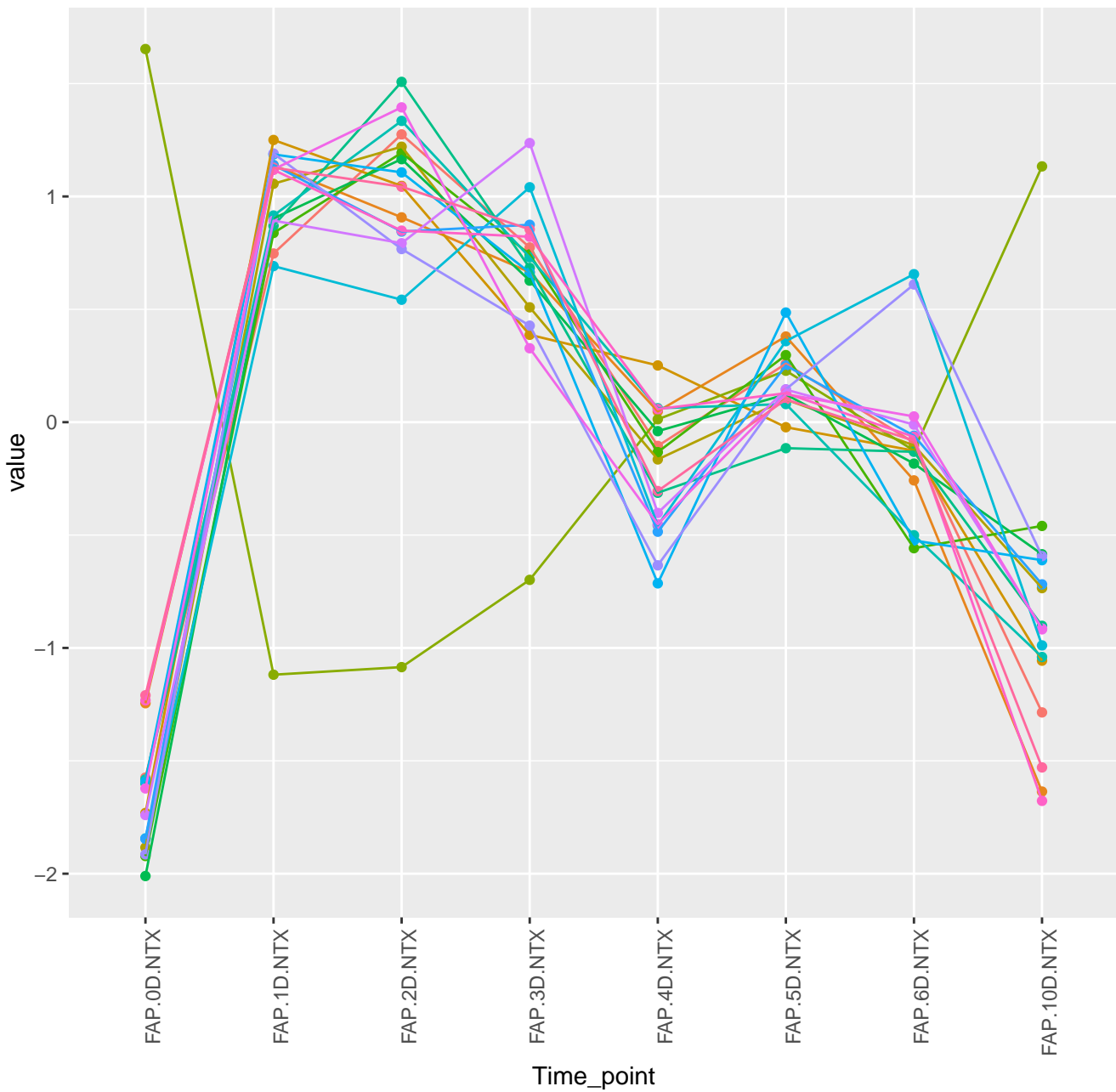
20 genes – cluster 1



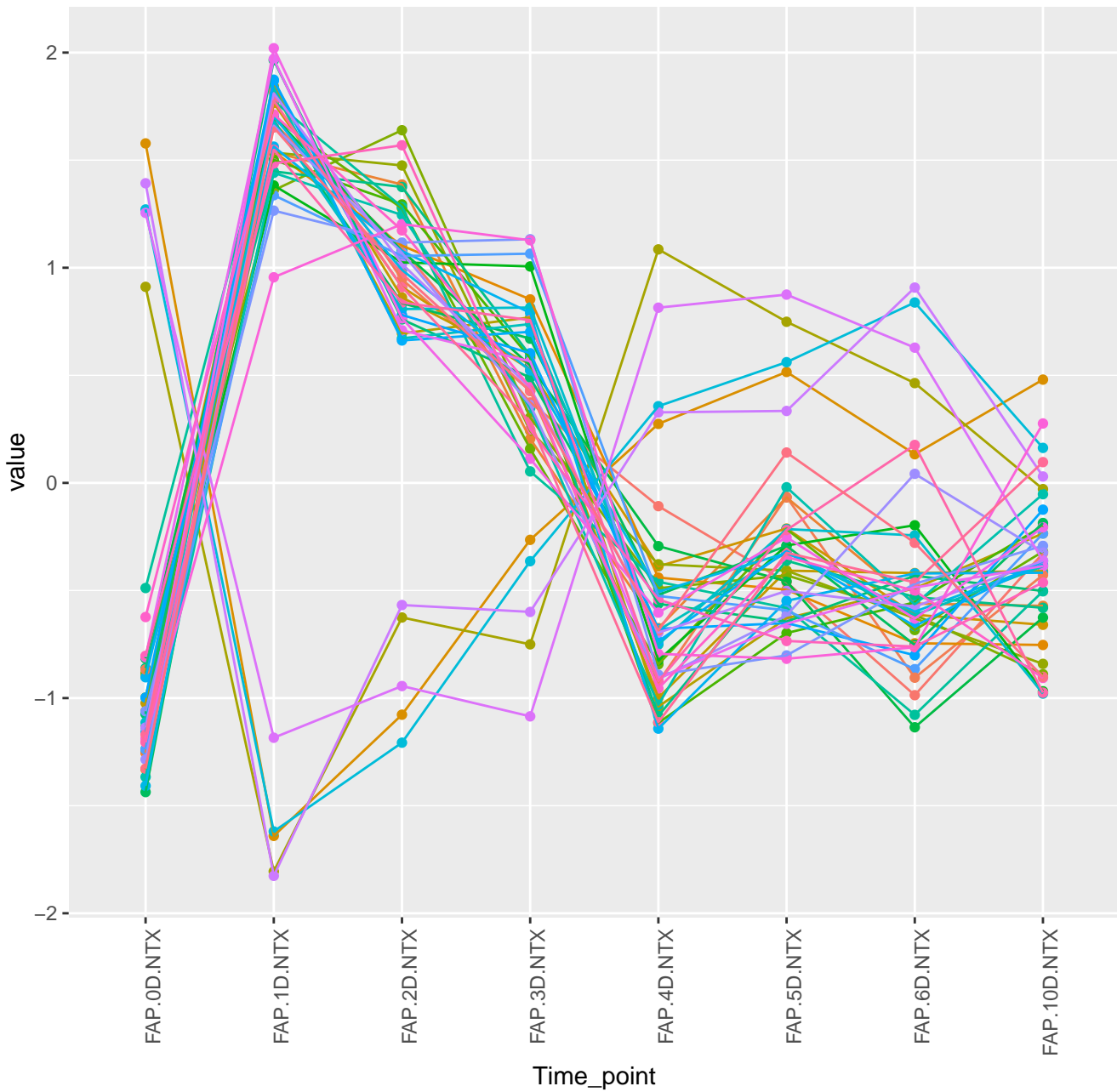
17 genes – cluster 2



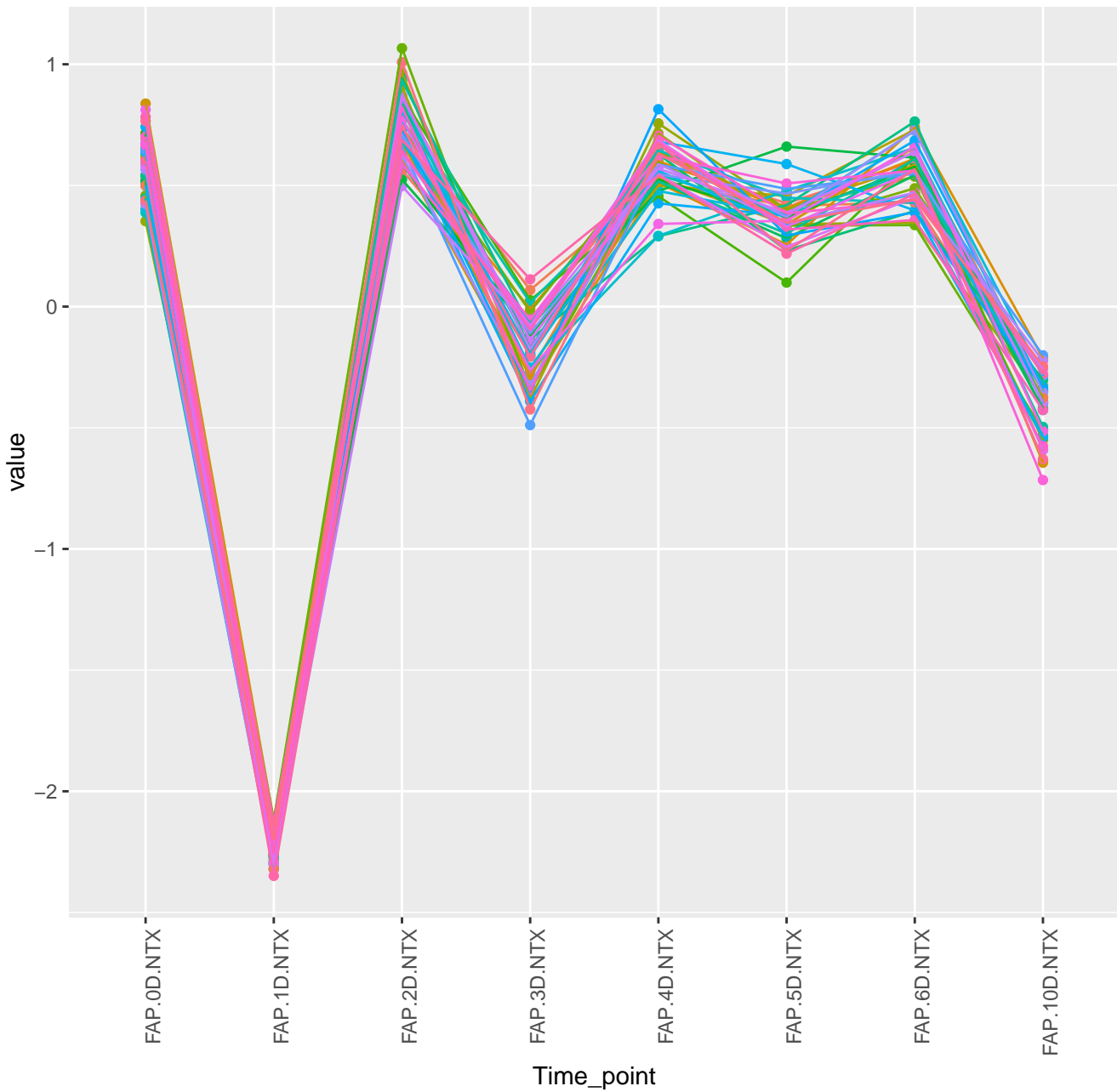
17 genes – cluster 3



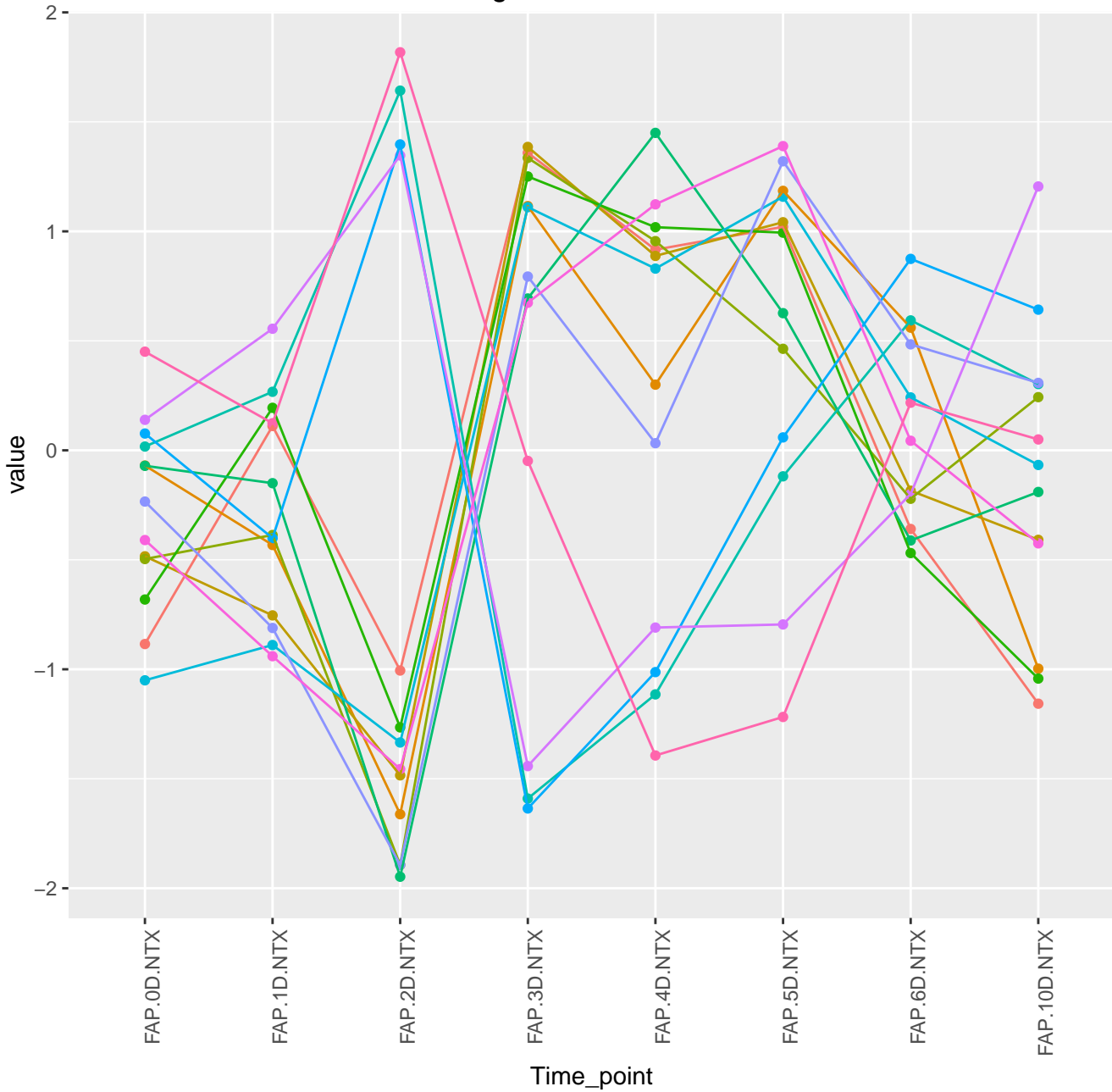
41 genes – cluster 4



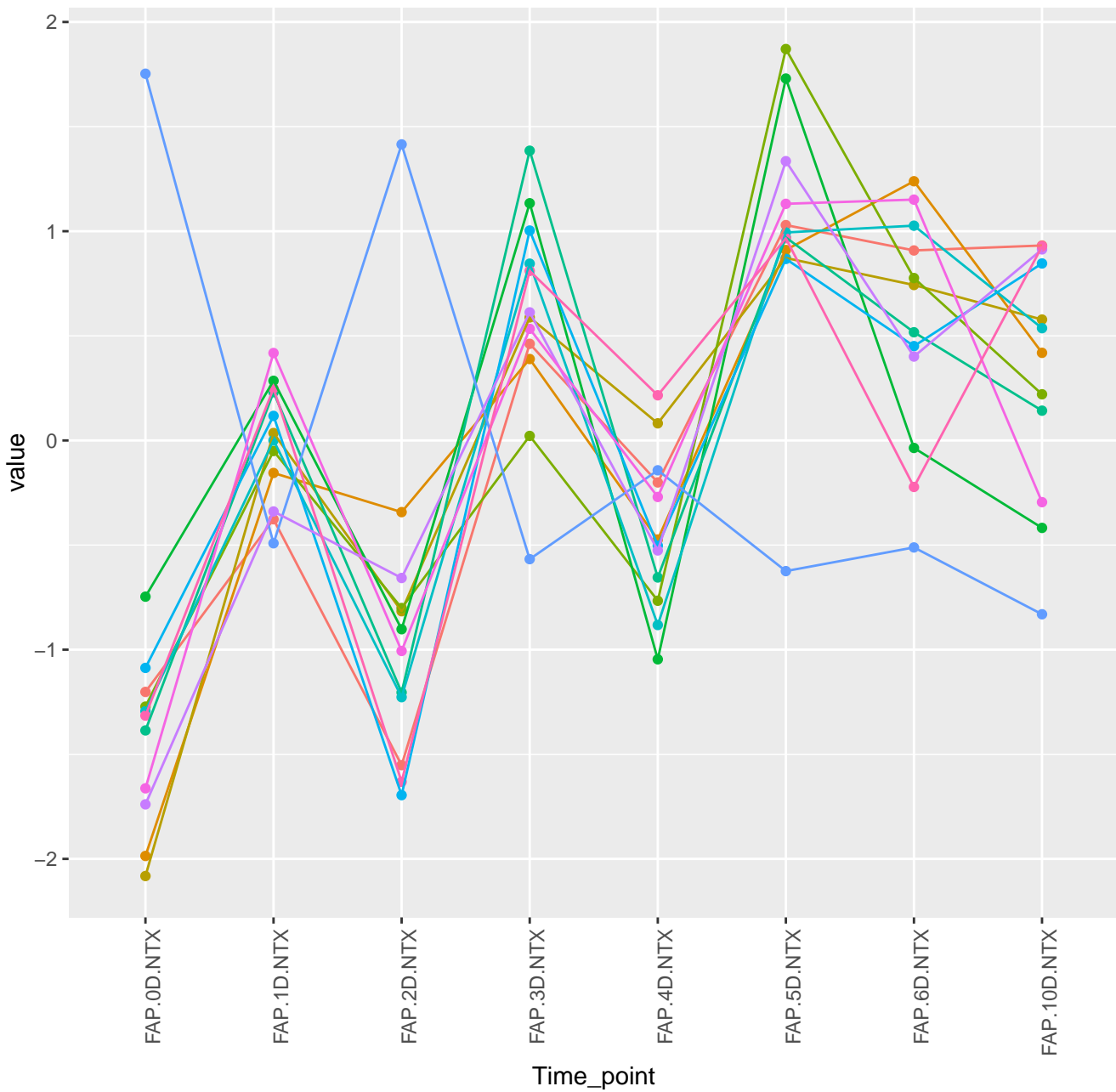
41 genes – cluster 5



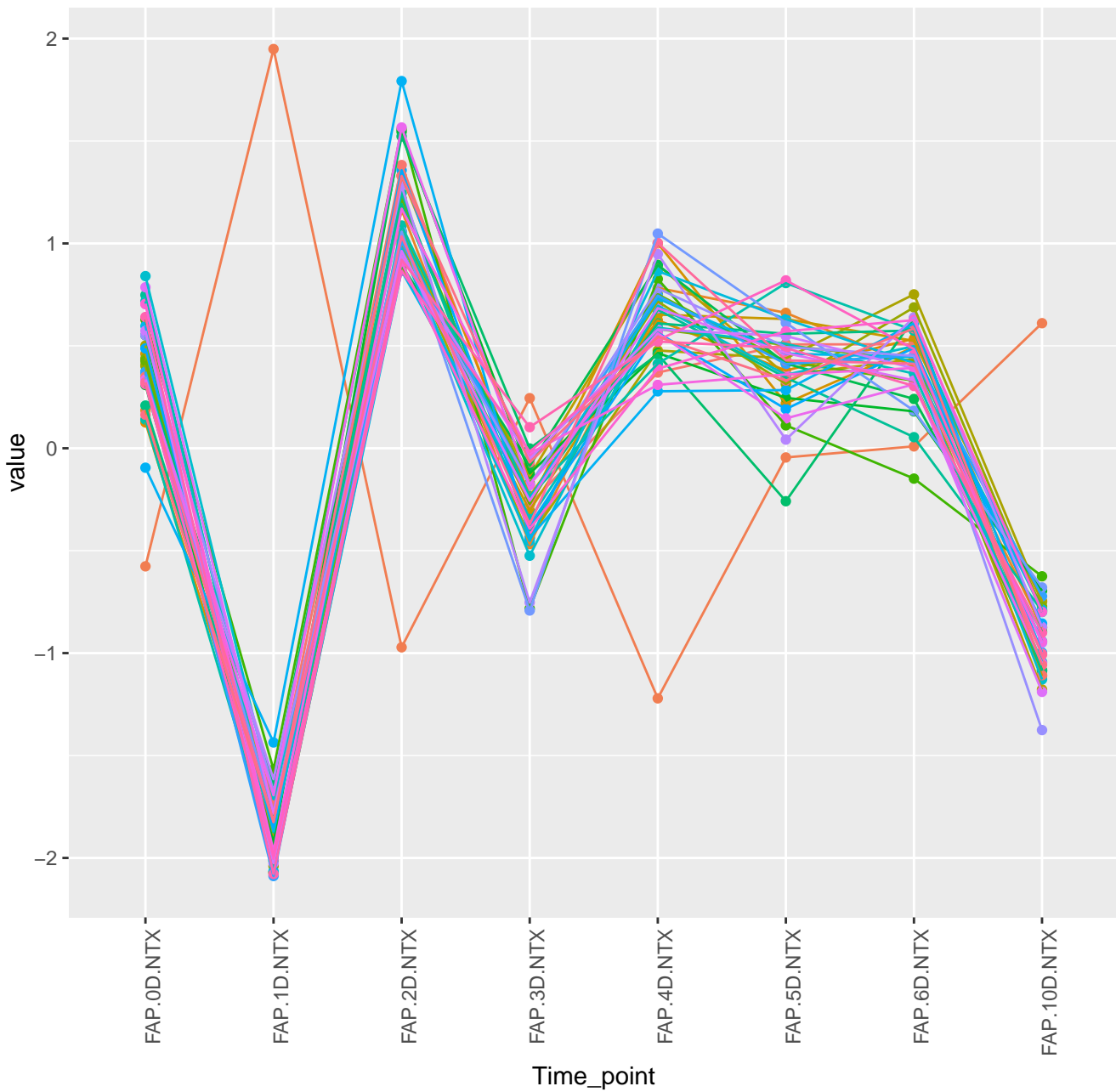
13 genes – cluster 6



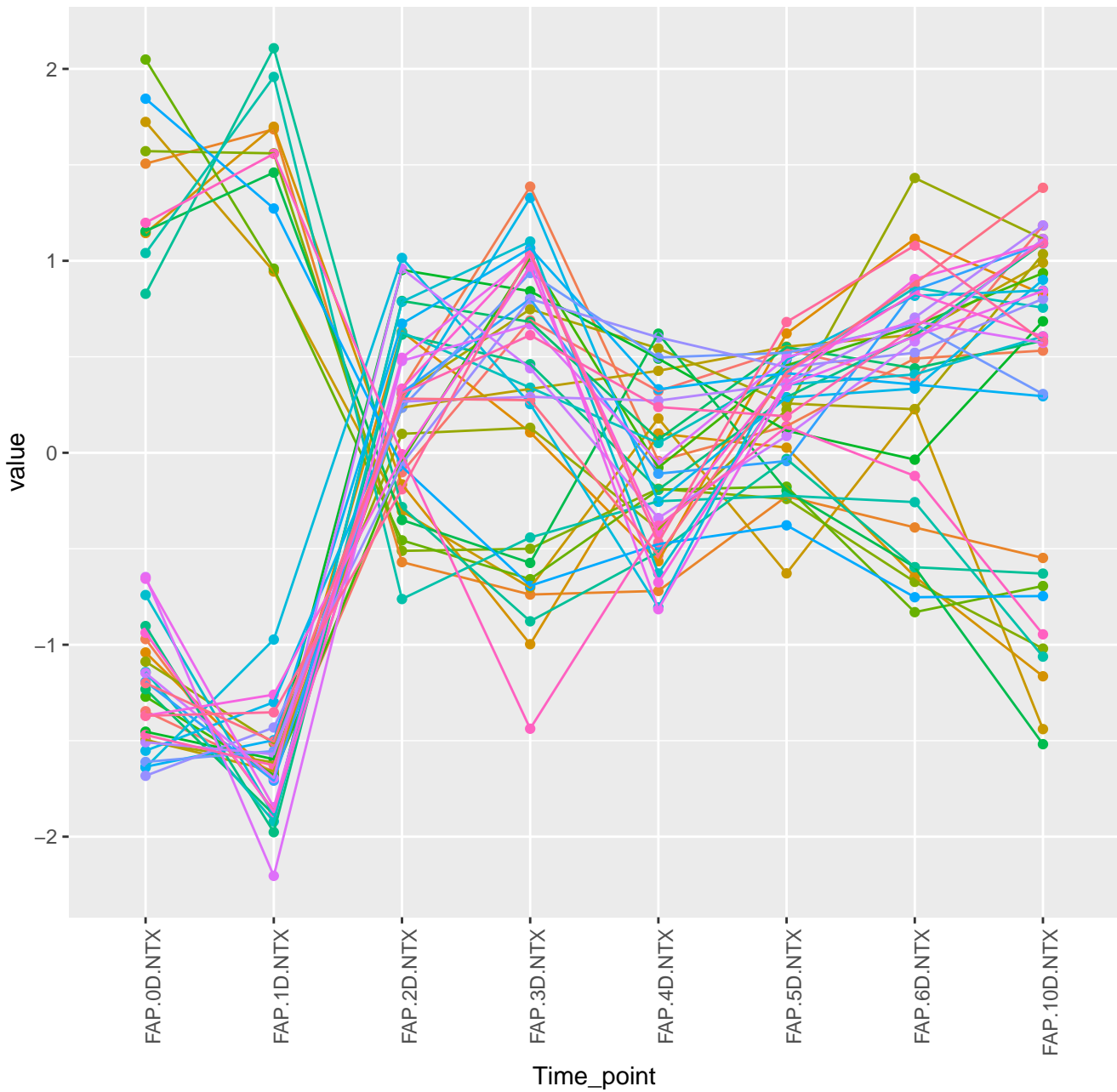
12 genes – cluster 7



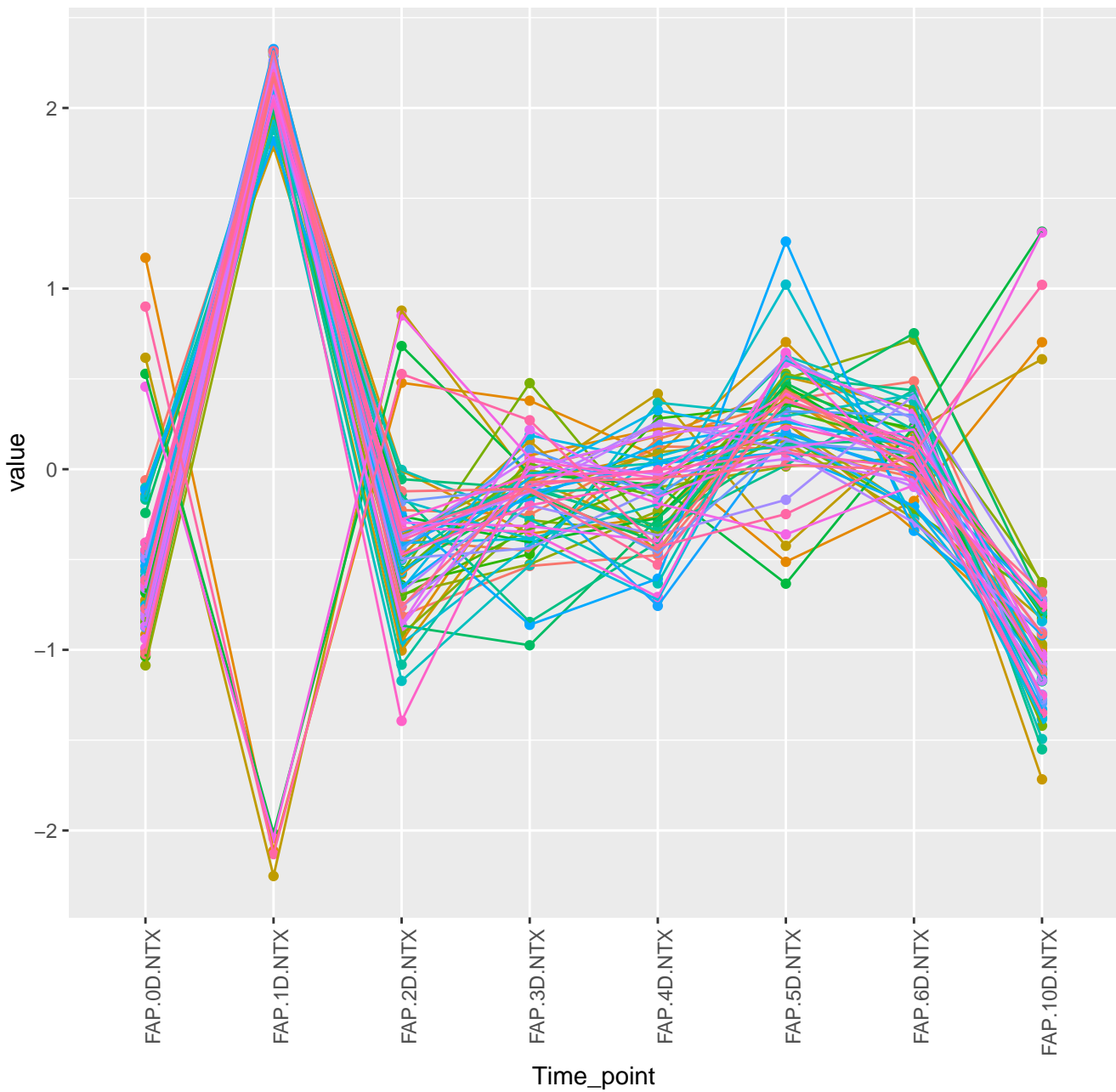
37 genes – cluster 8



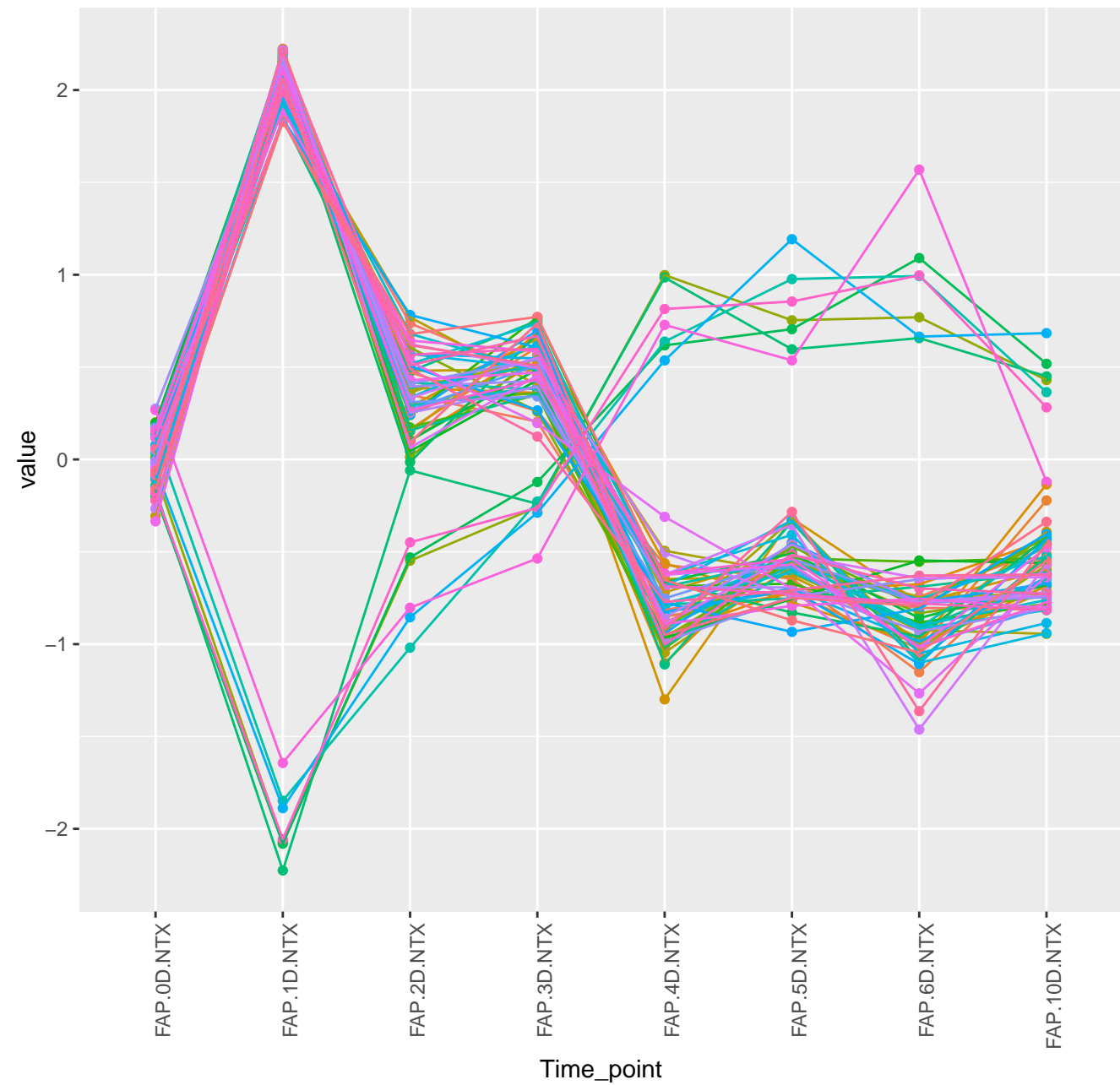
37 genes – cluster 9



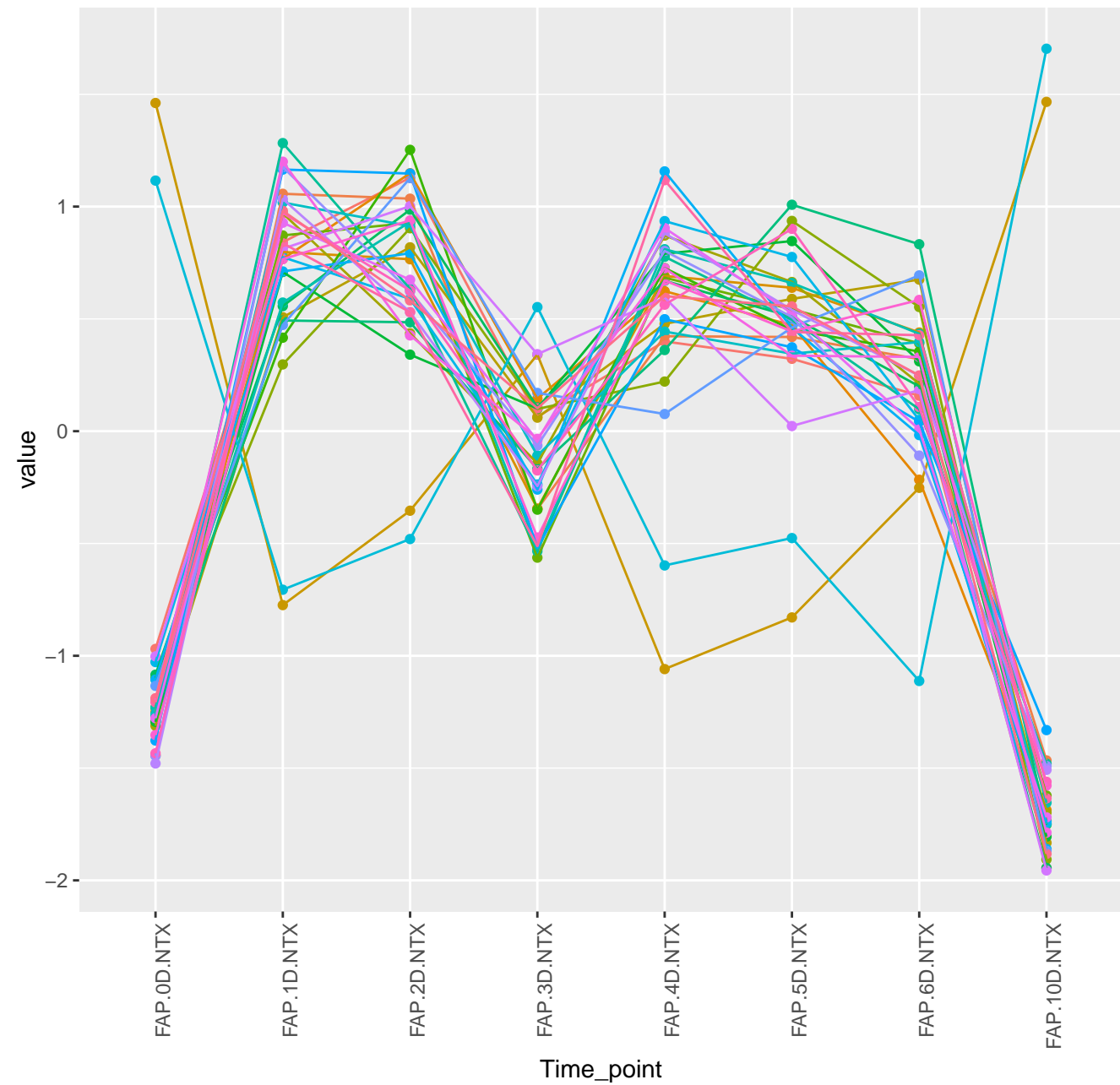
59 genes – cluster 10



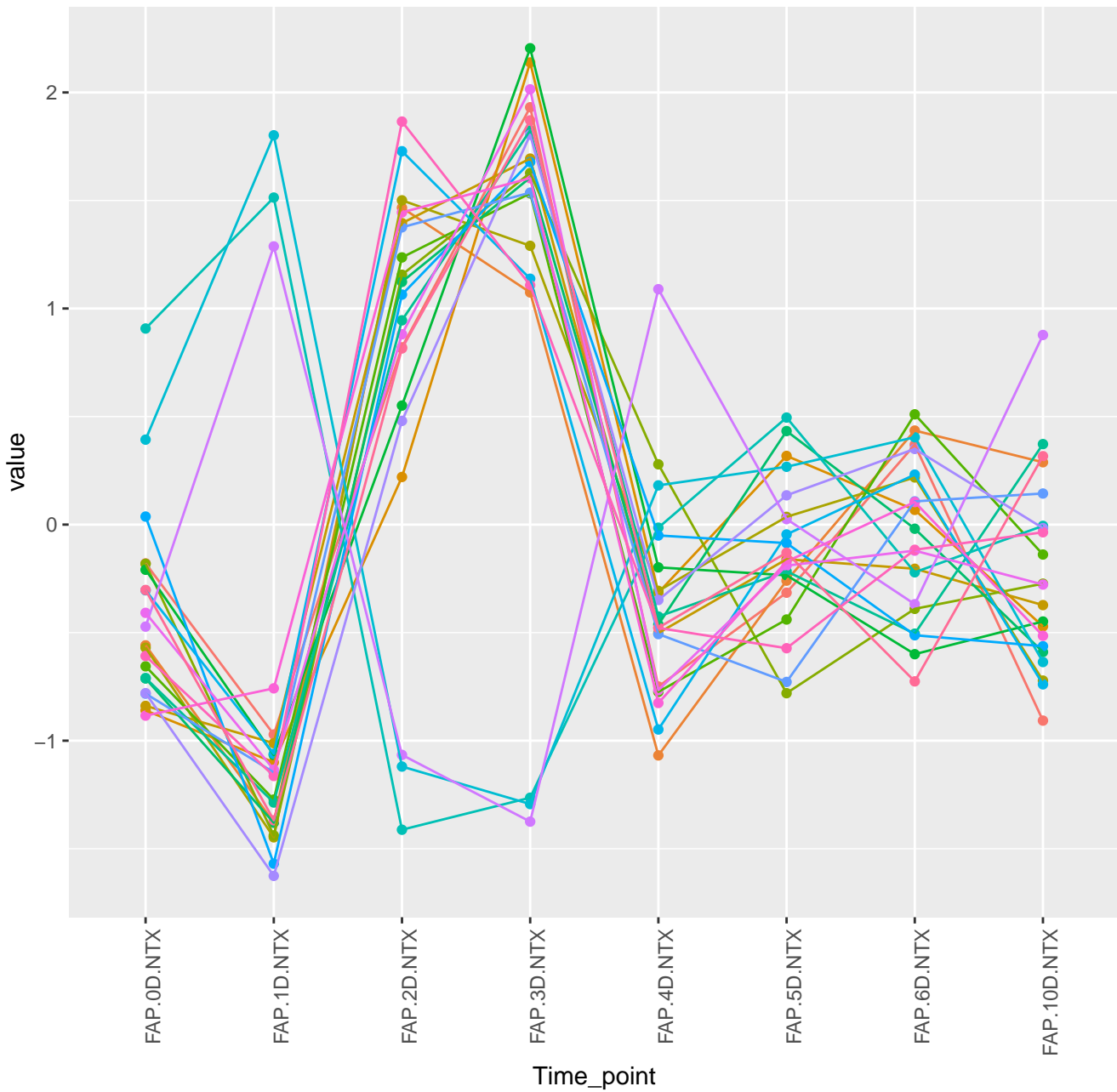
59 genes – cluster 11



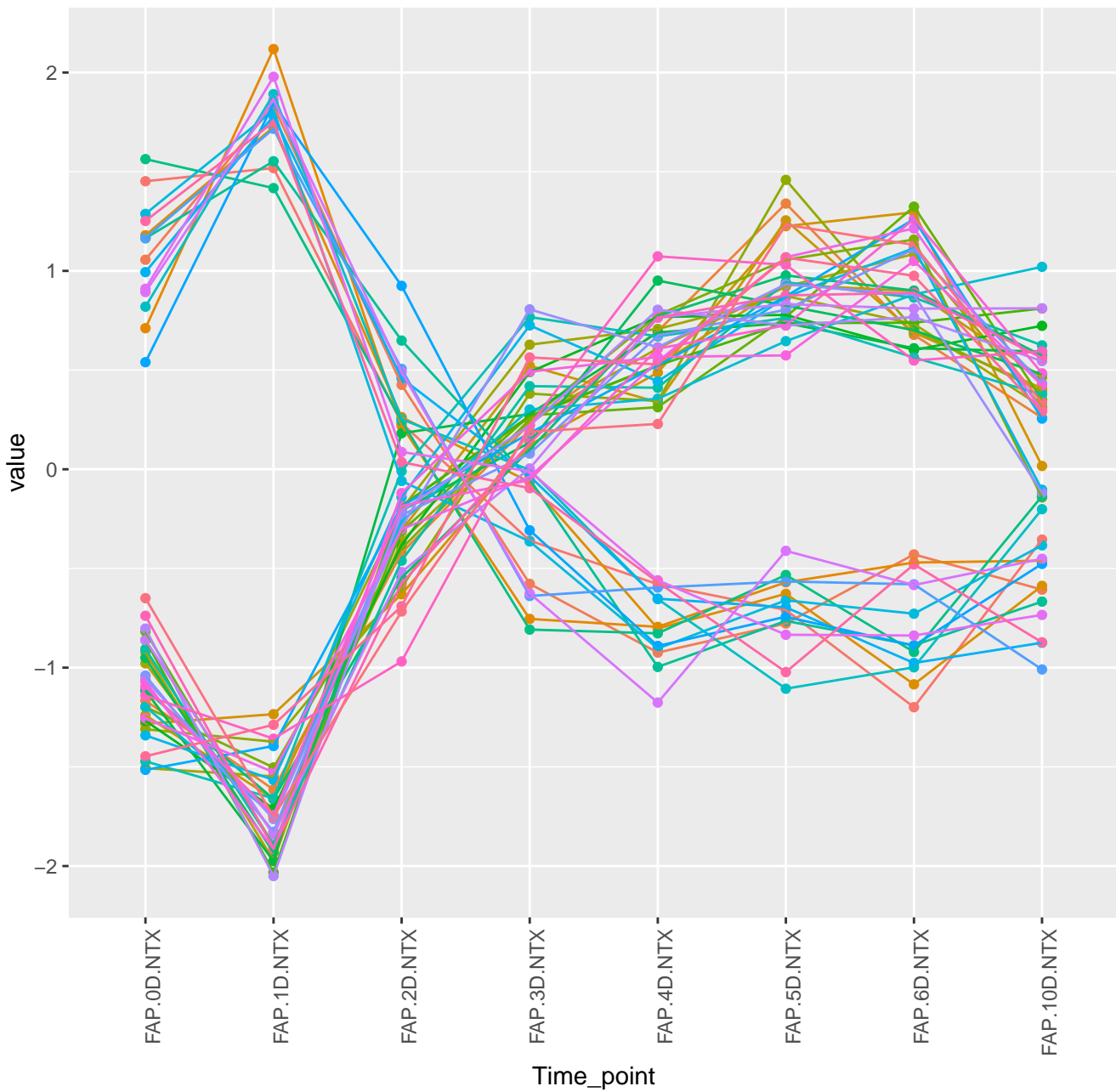
30 genes – cluster 12



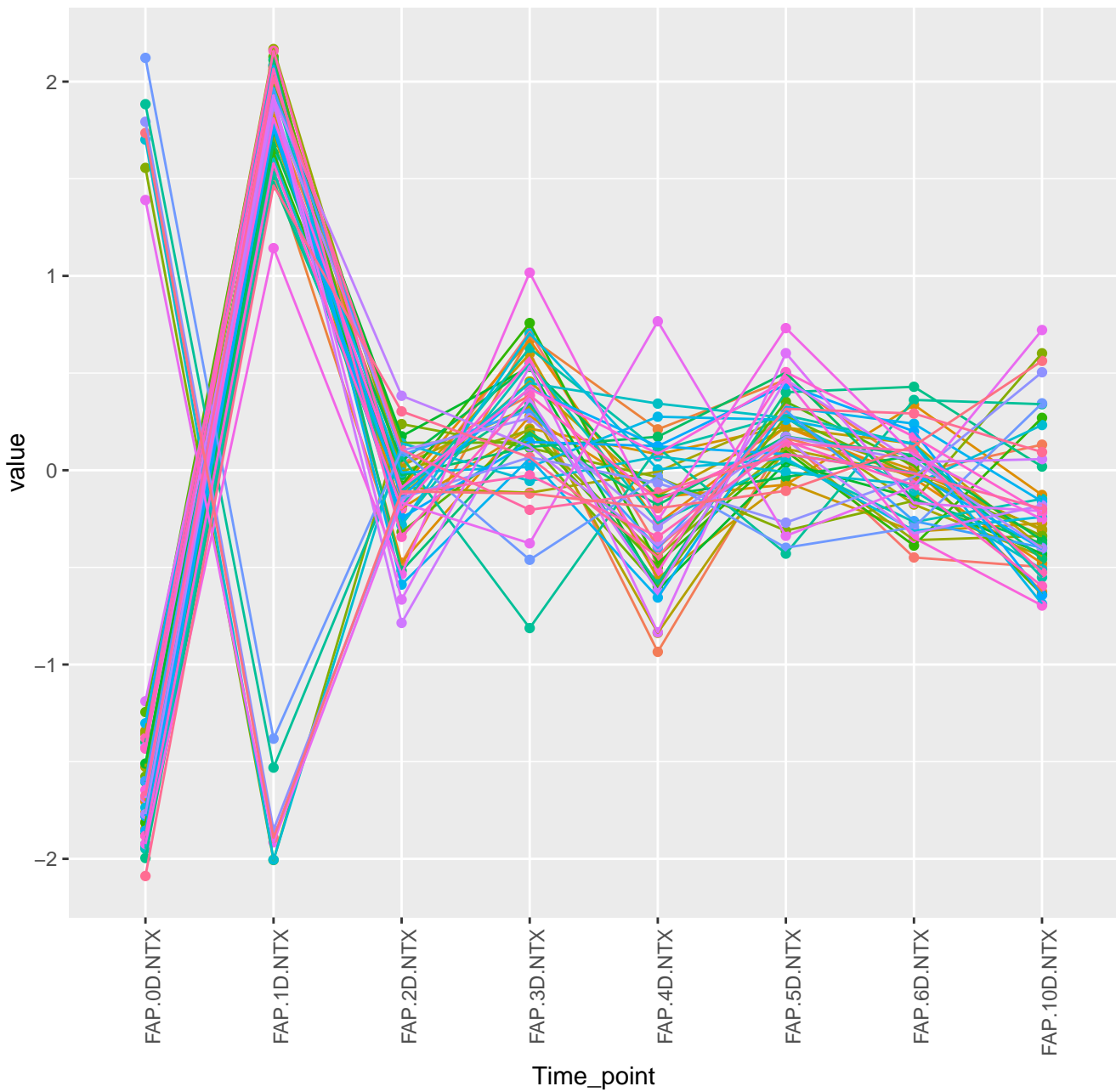
21 genes – cluster 13



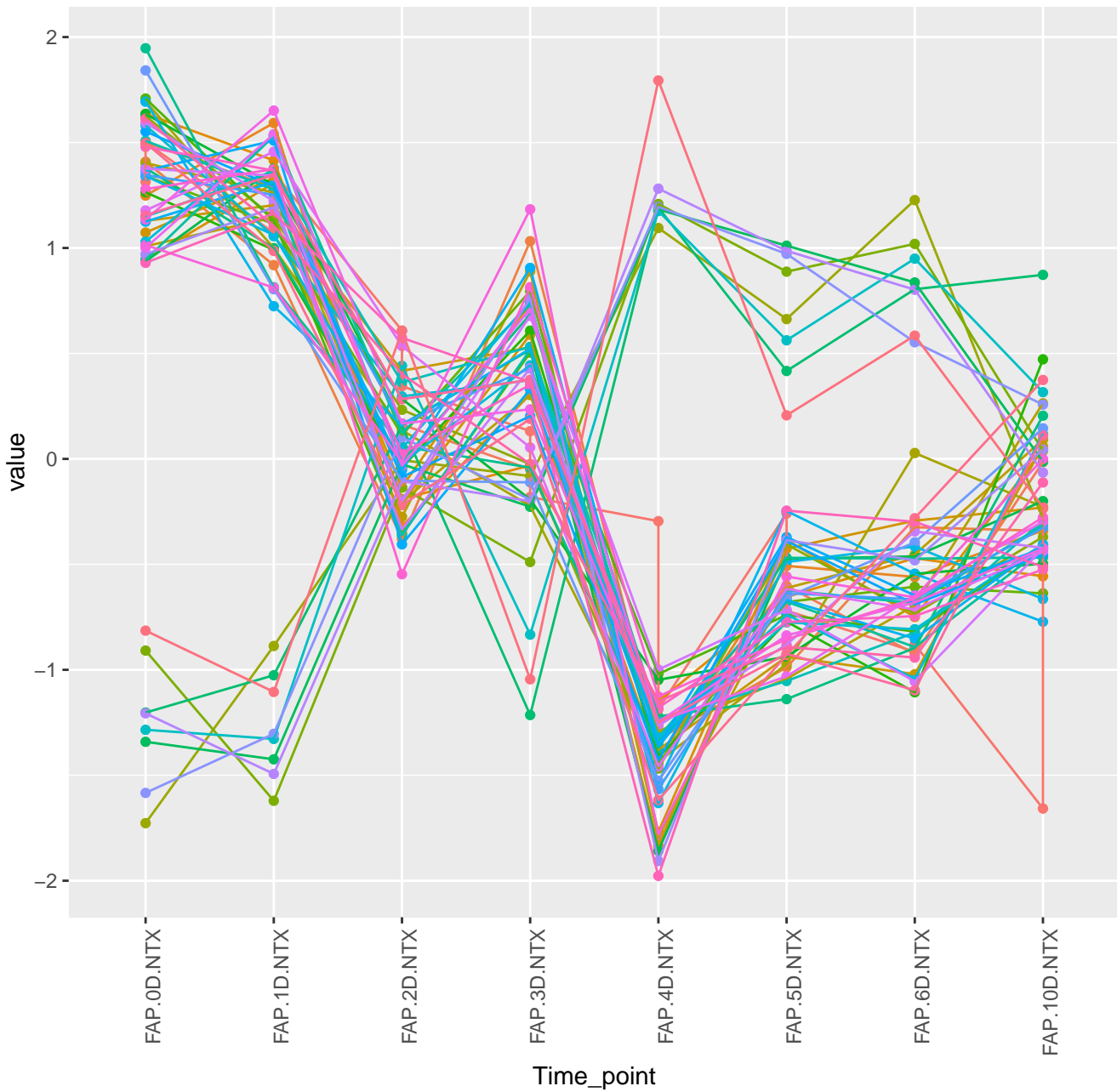
44 genes – cluster 14



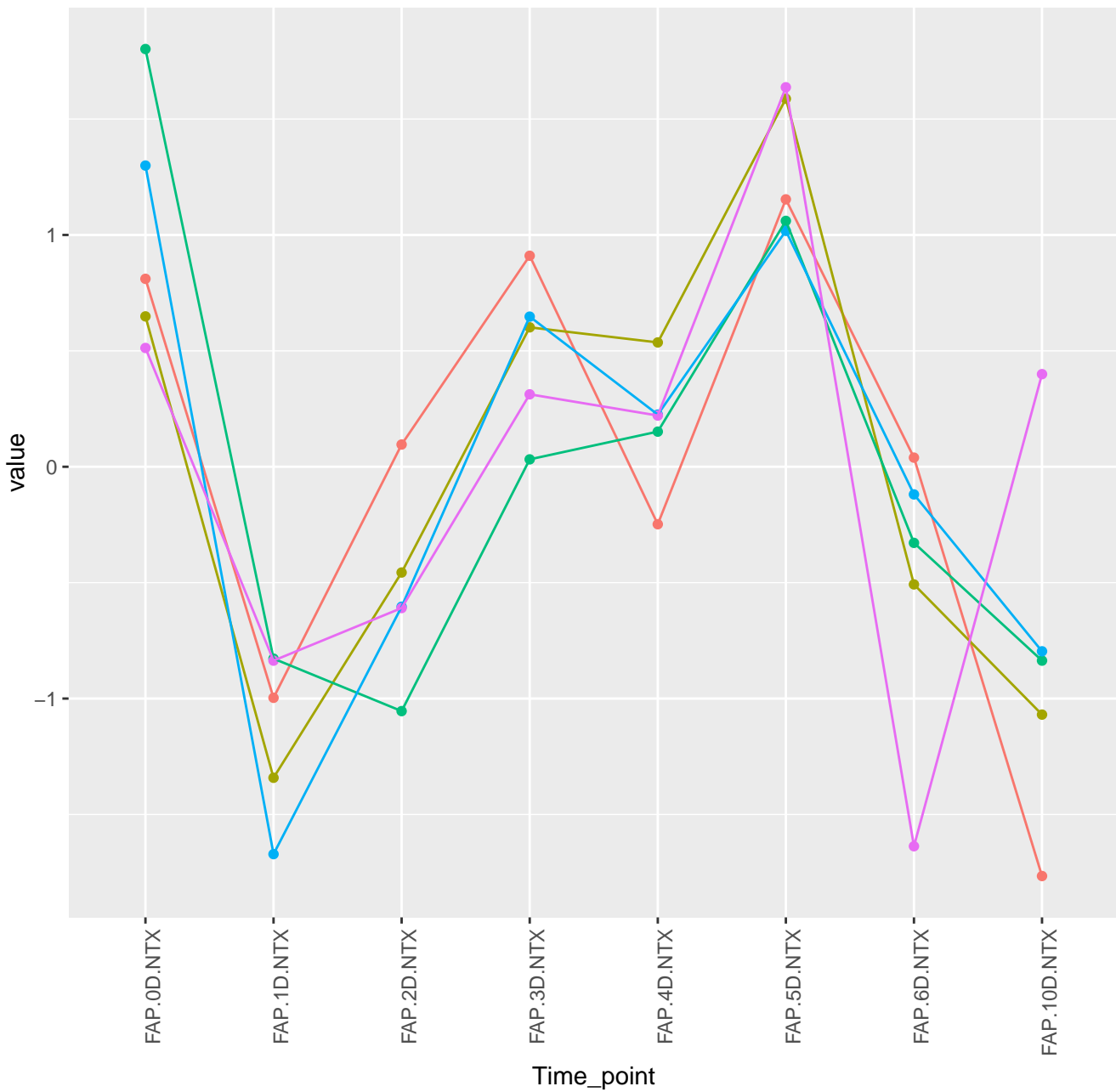
46 genes – cluster 15



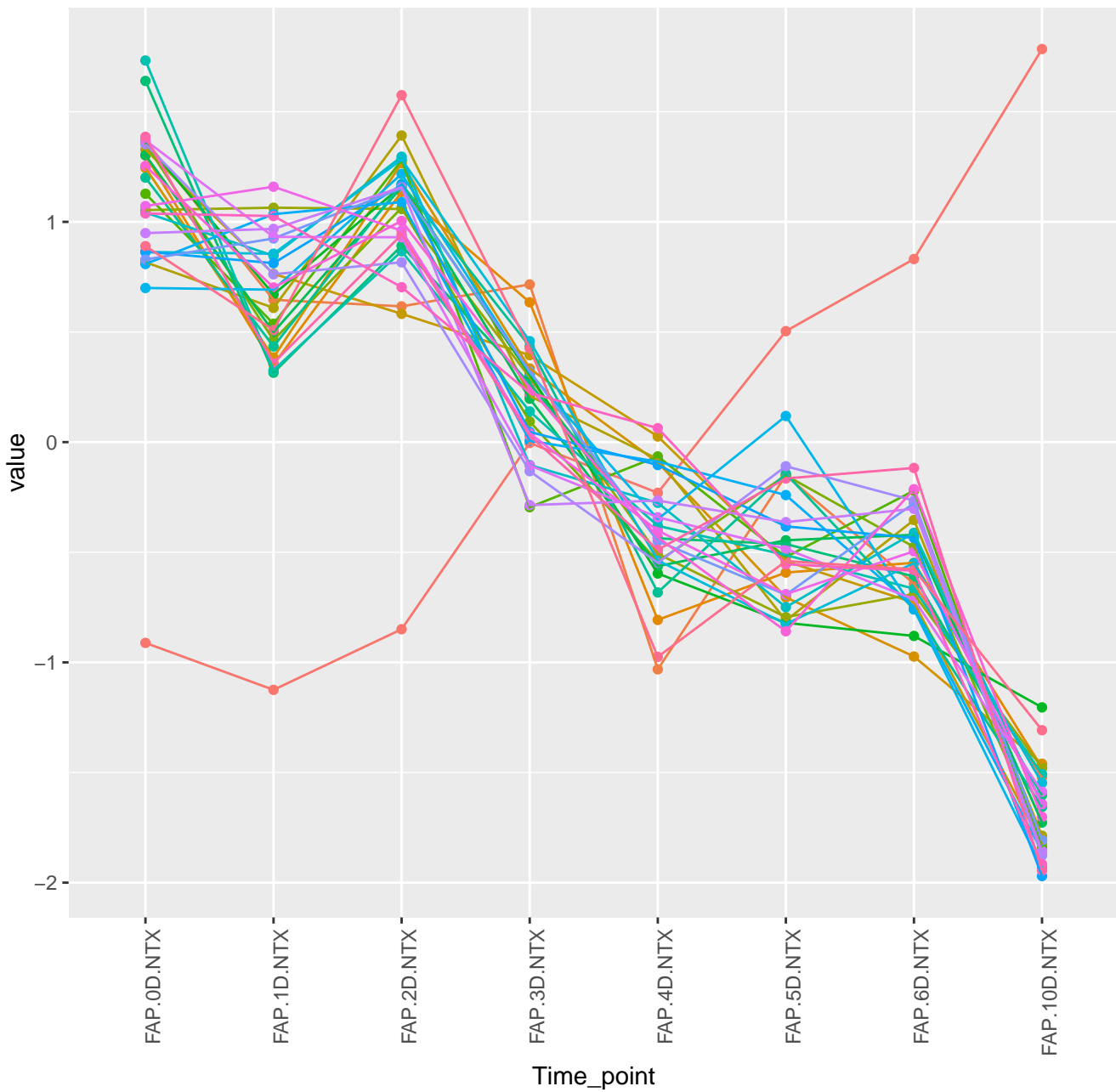
53 genes – cluster 16



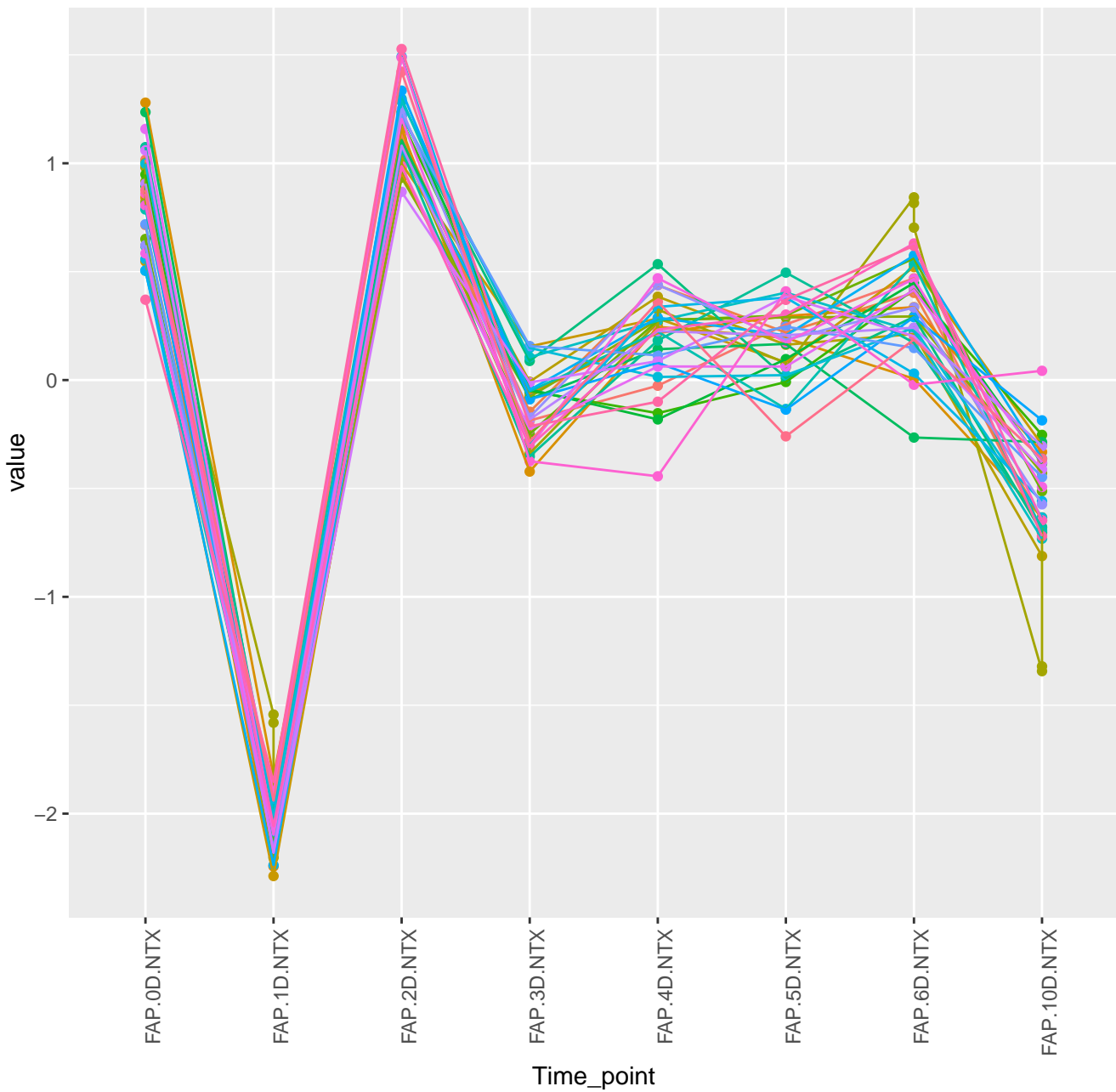
5 genes – cluster 17



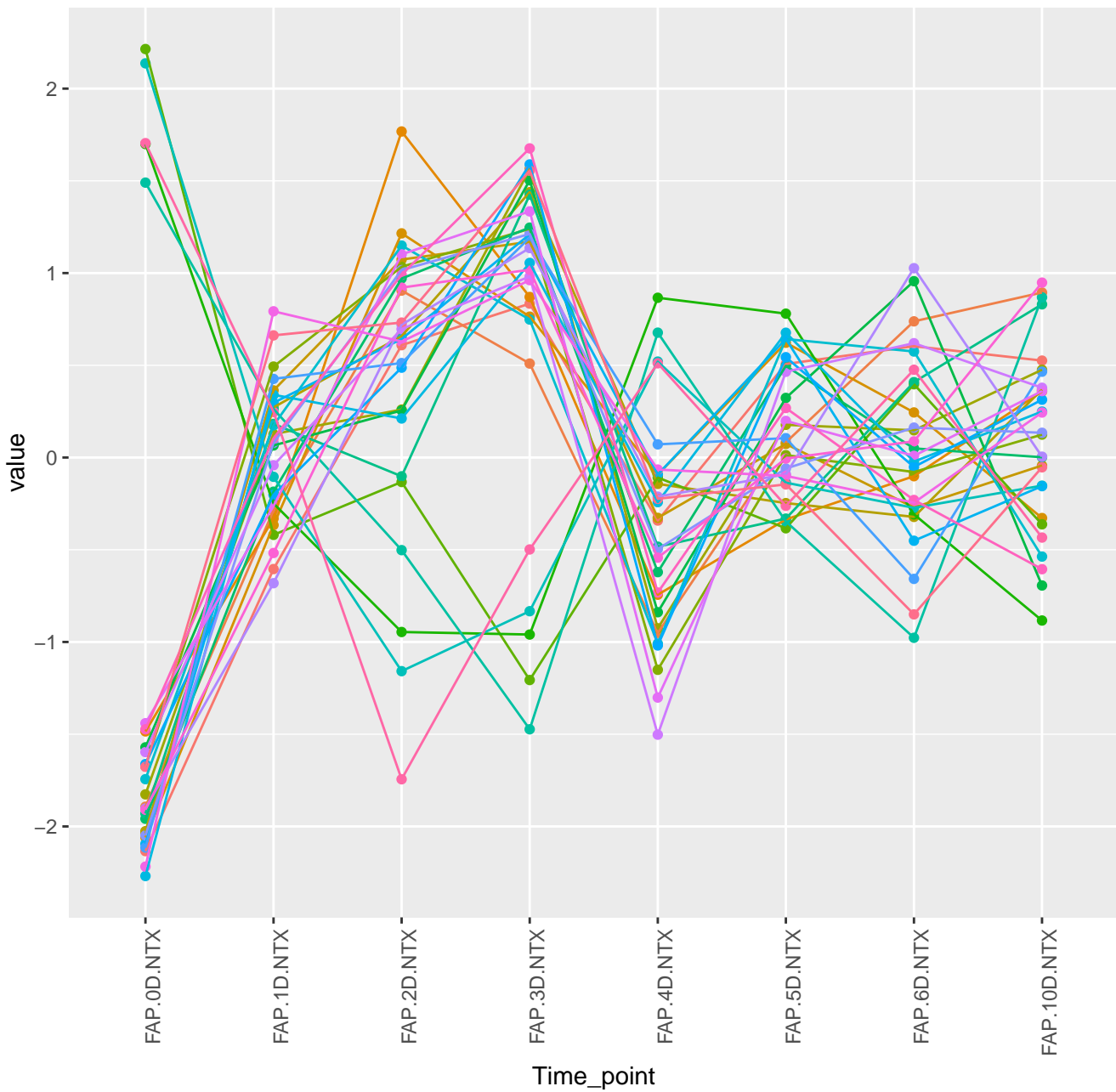
28 genes – cluster 18



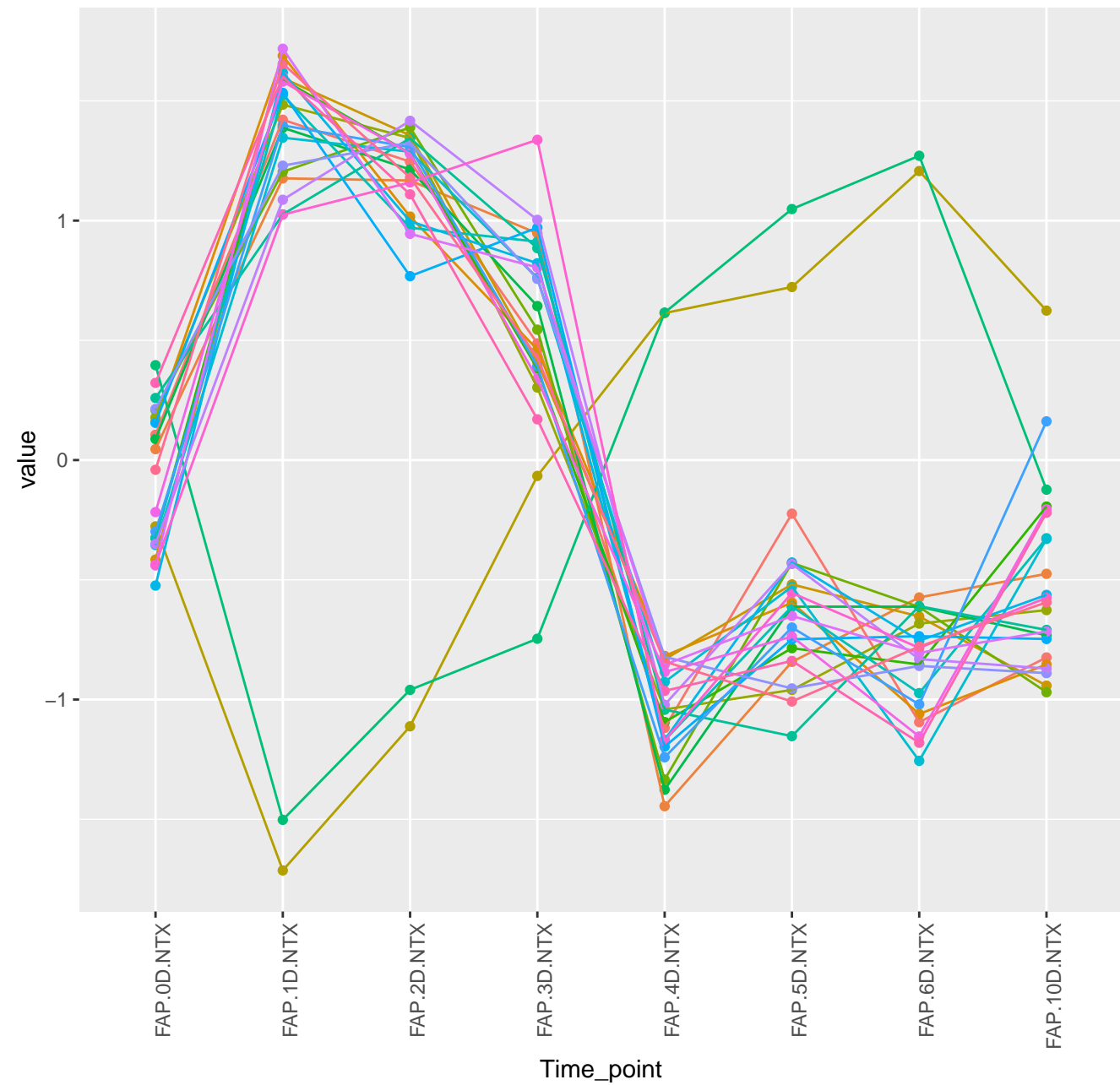
32 genes – cluster 19



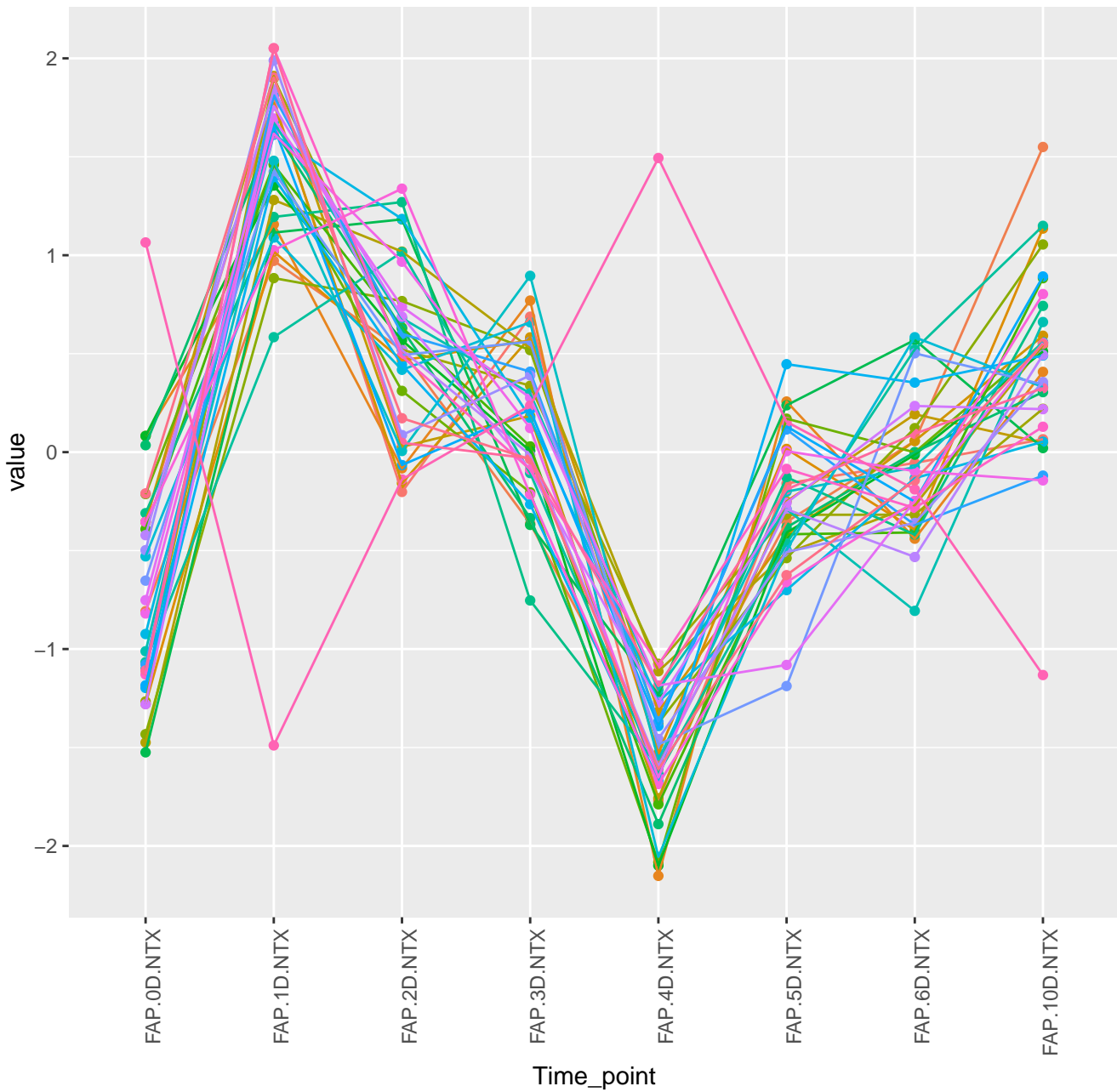
29 genes – cluster 20



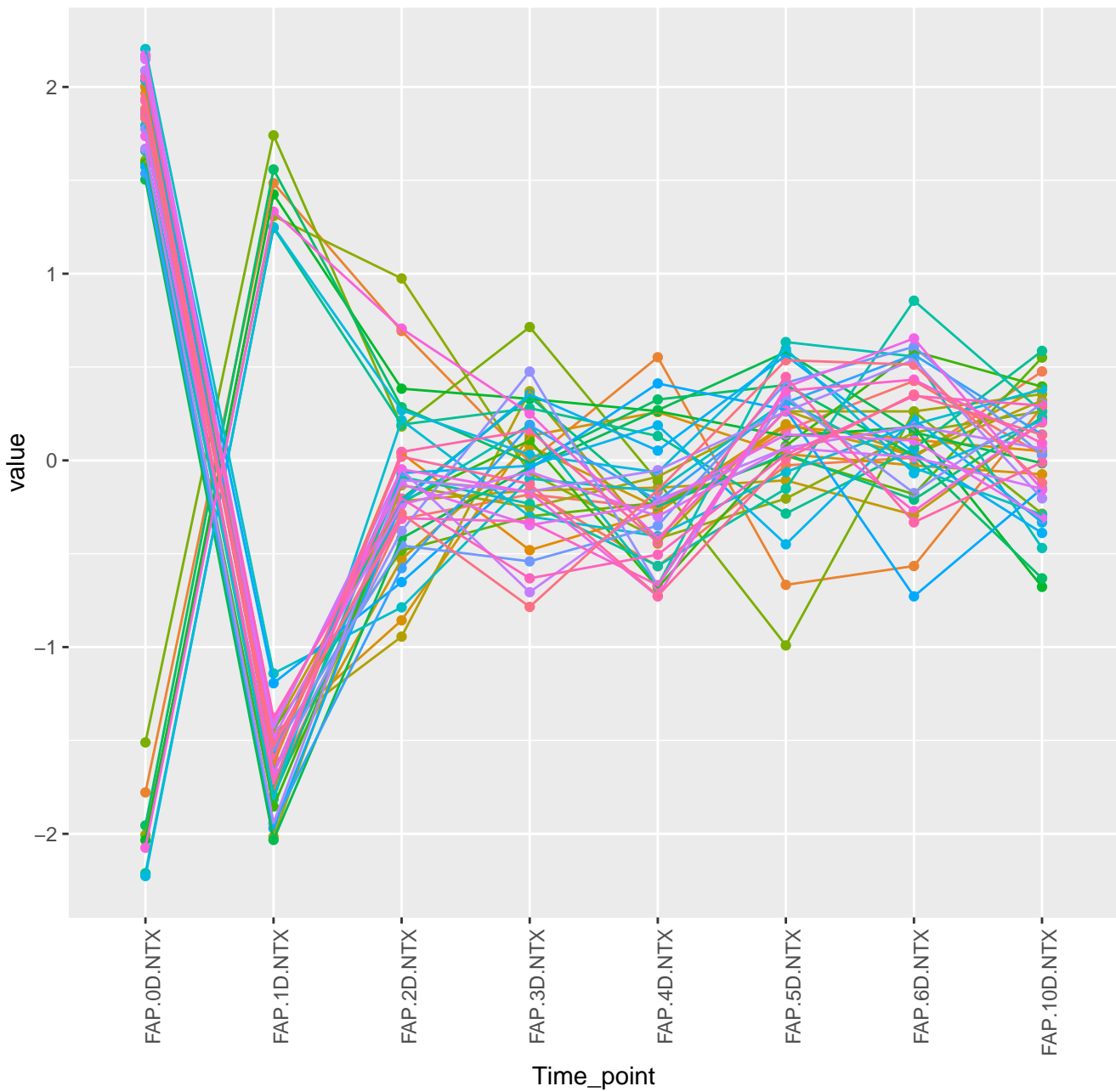
23 genes – cluster 21



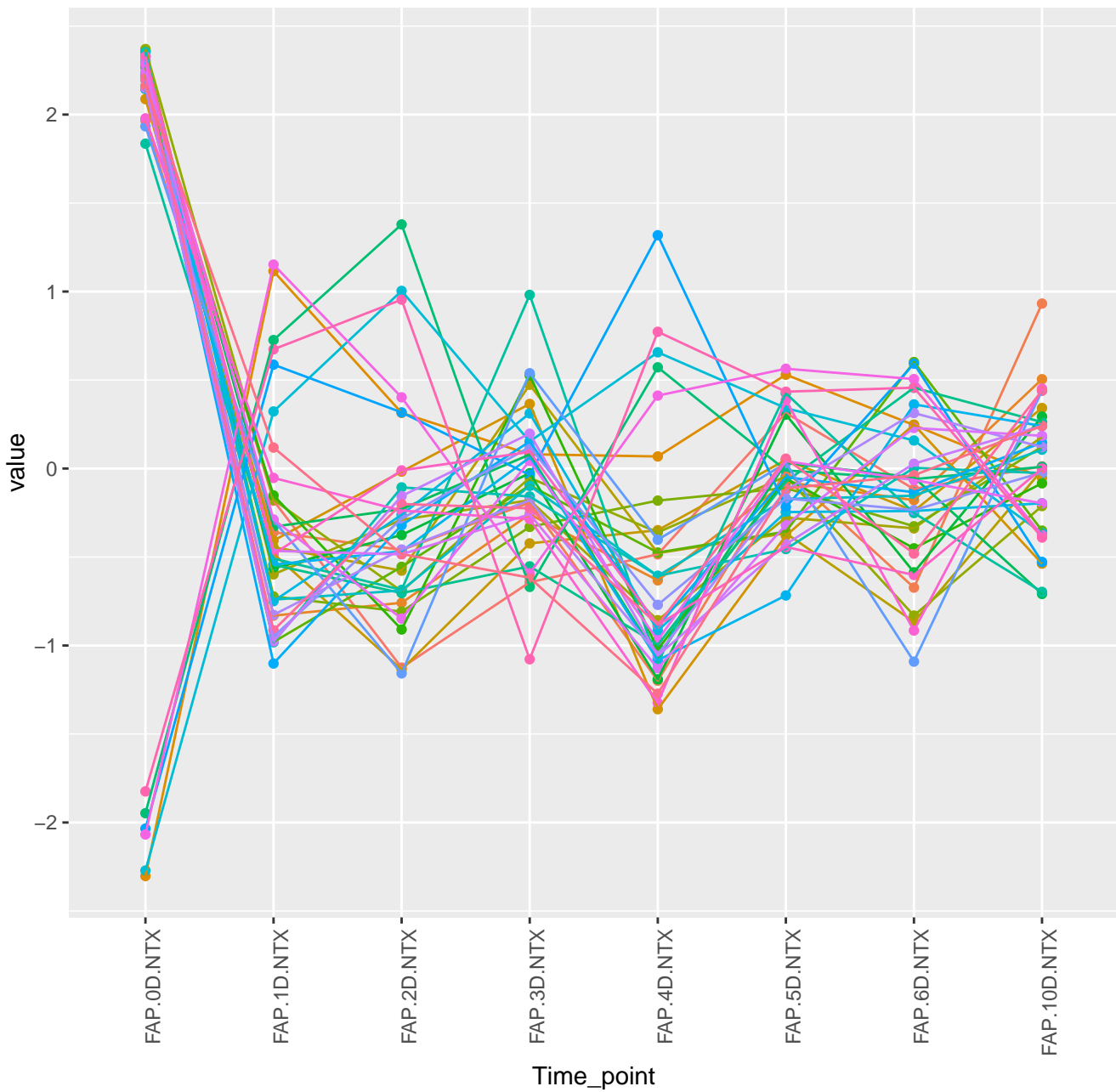
34 genes – cluster 22



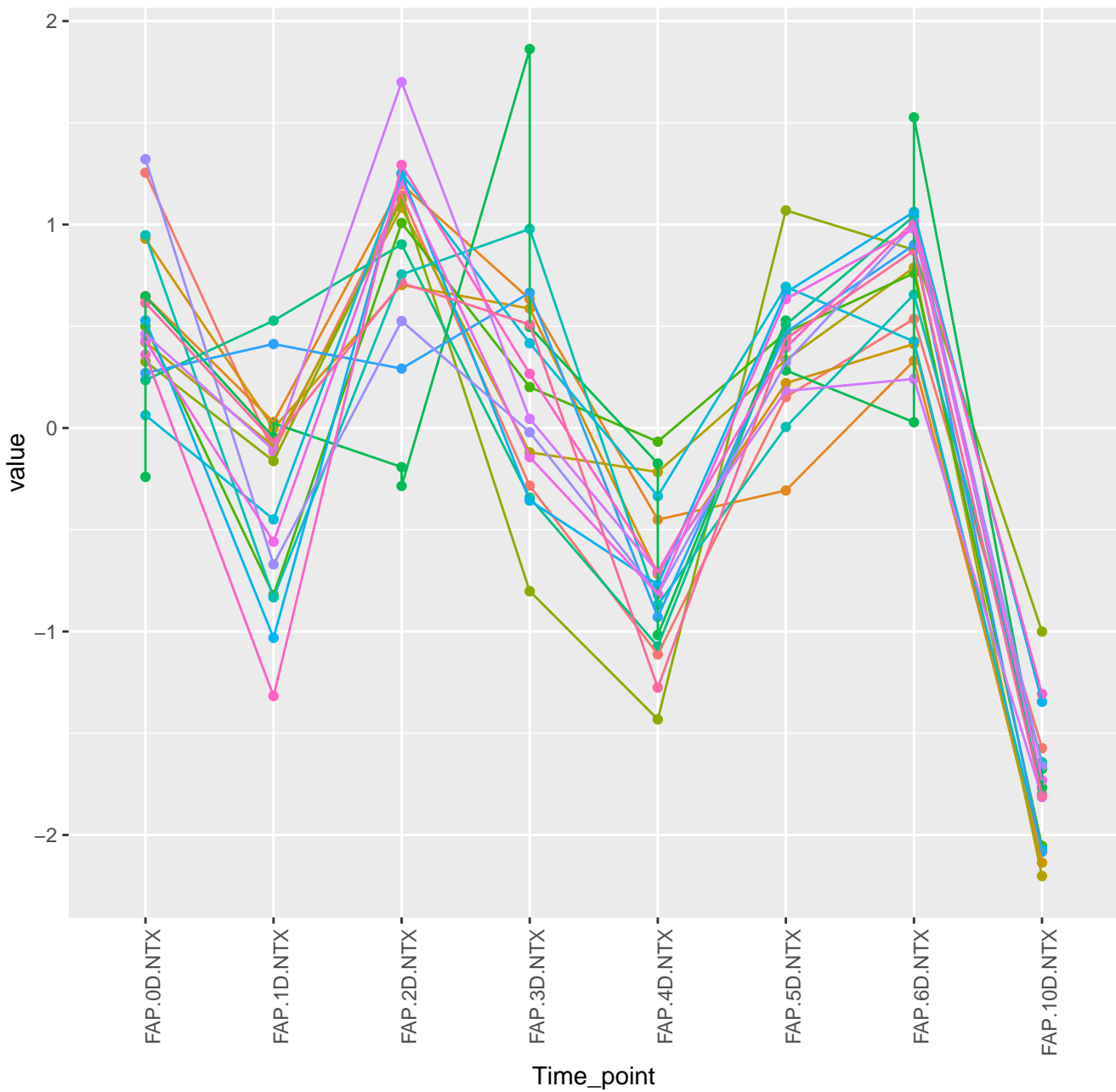
40 genes – cluster 23



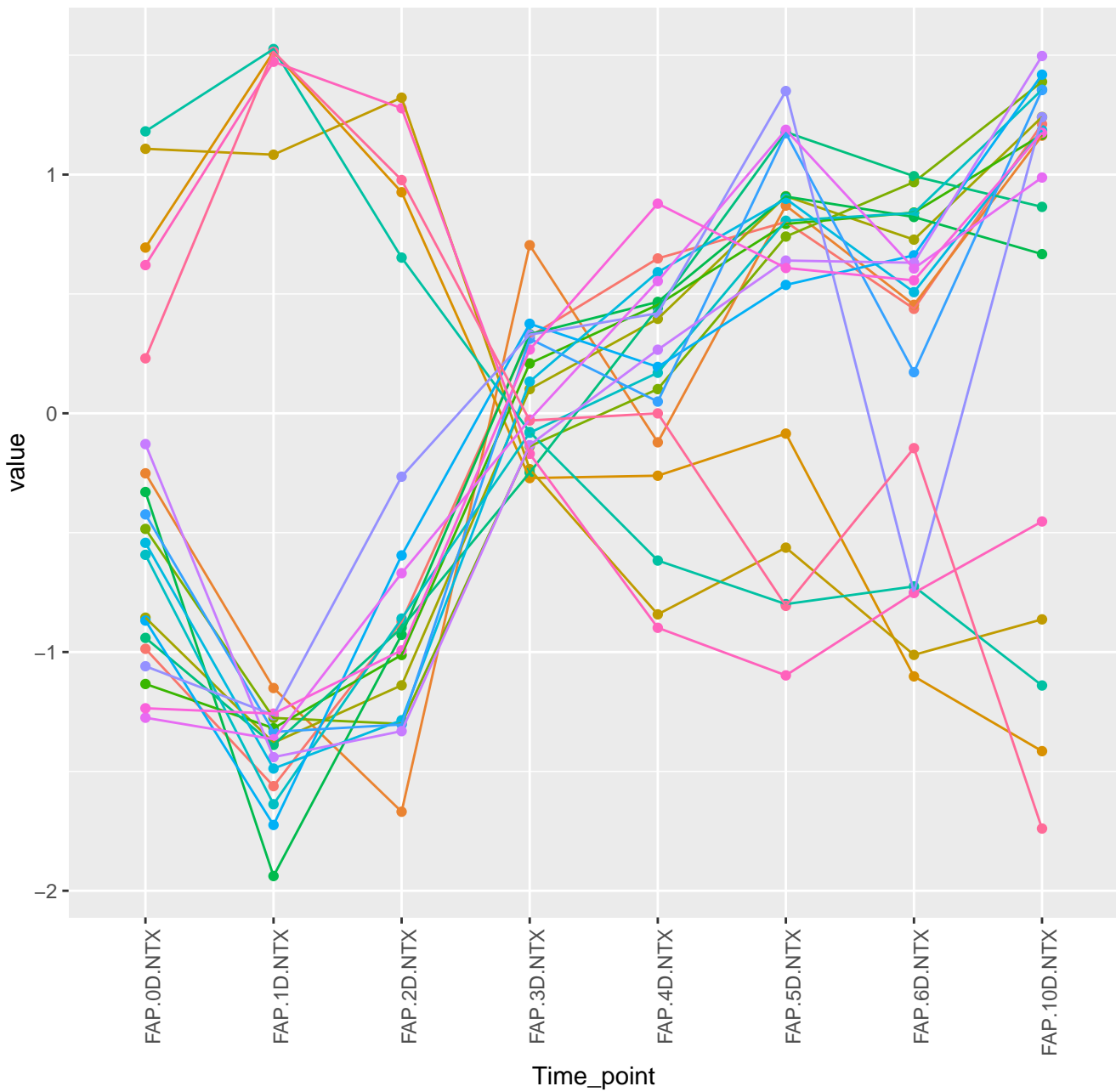
36 genes – cluster 24



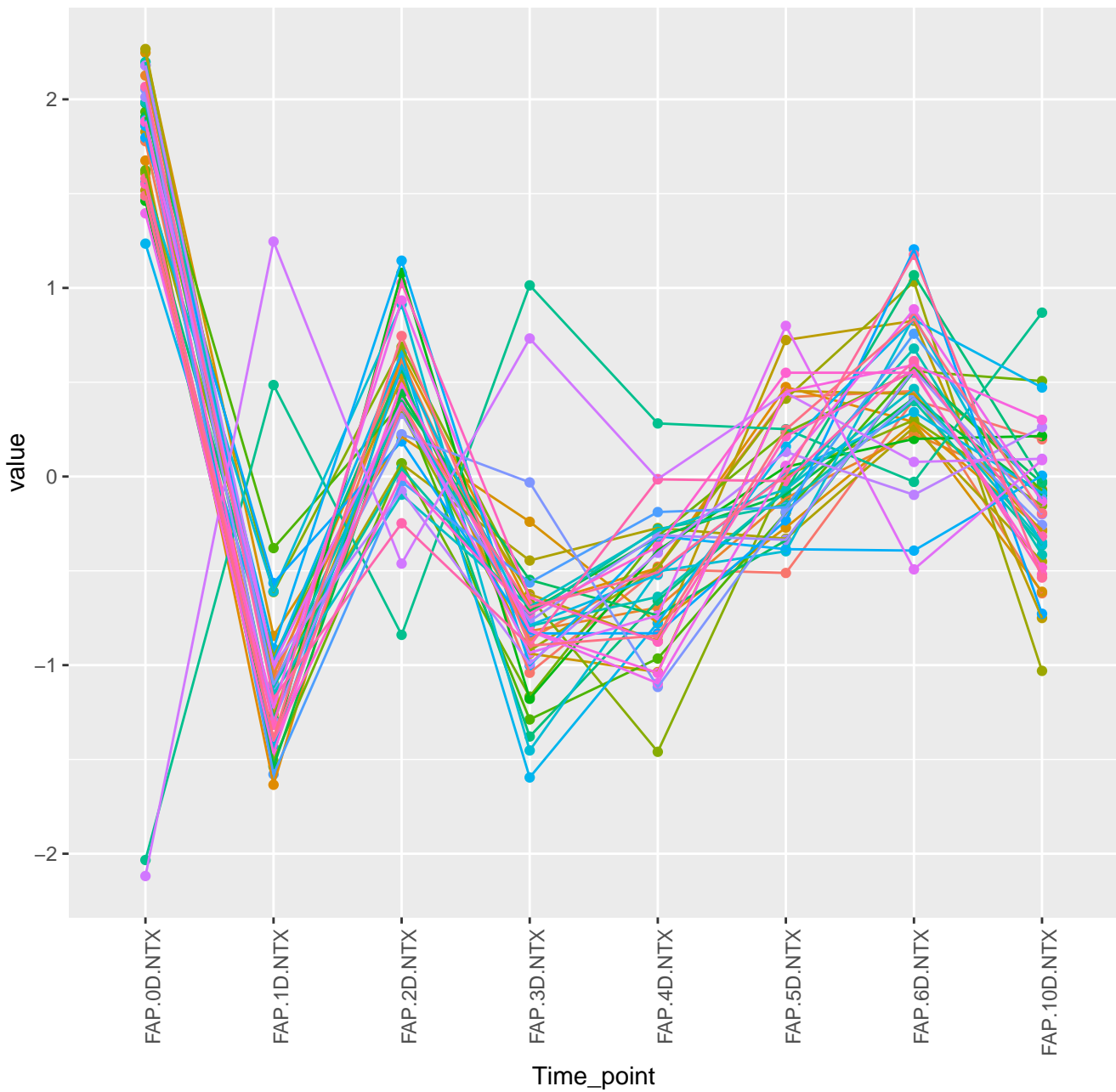
18 genes – cluster 25



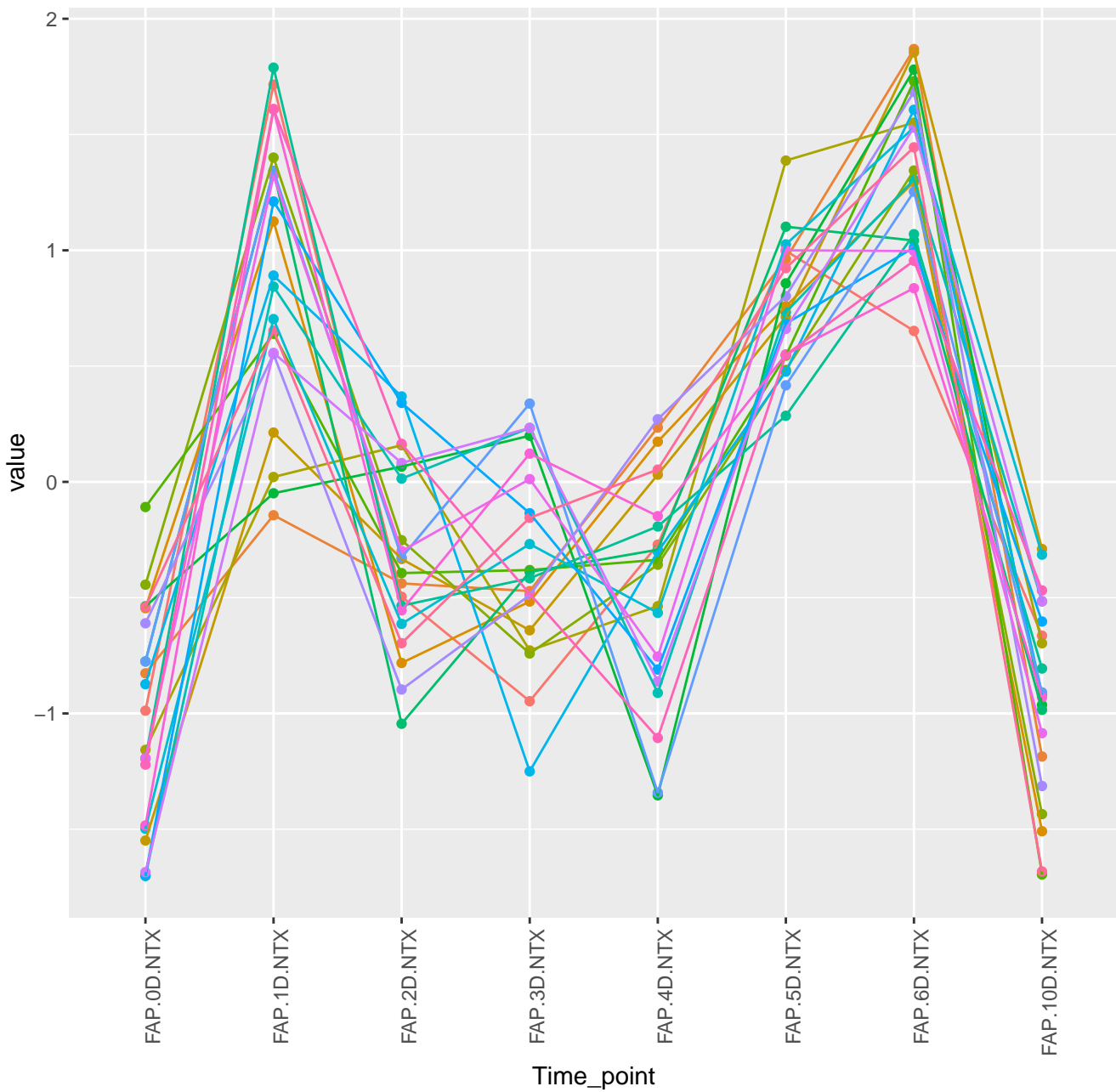
20 genes – cluster 26



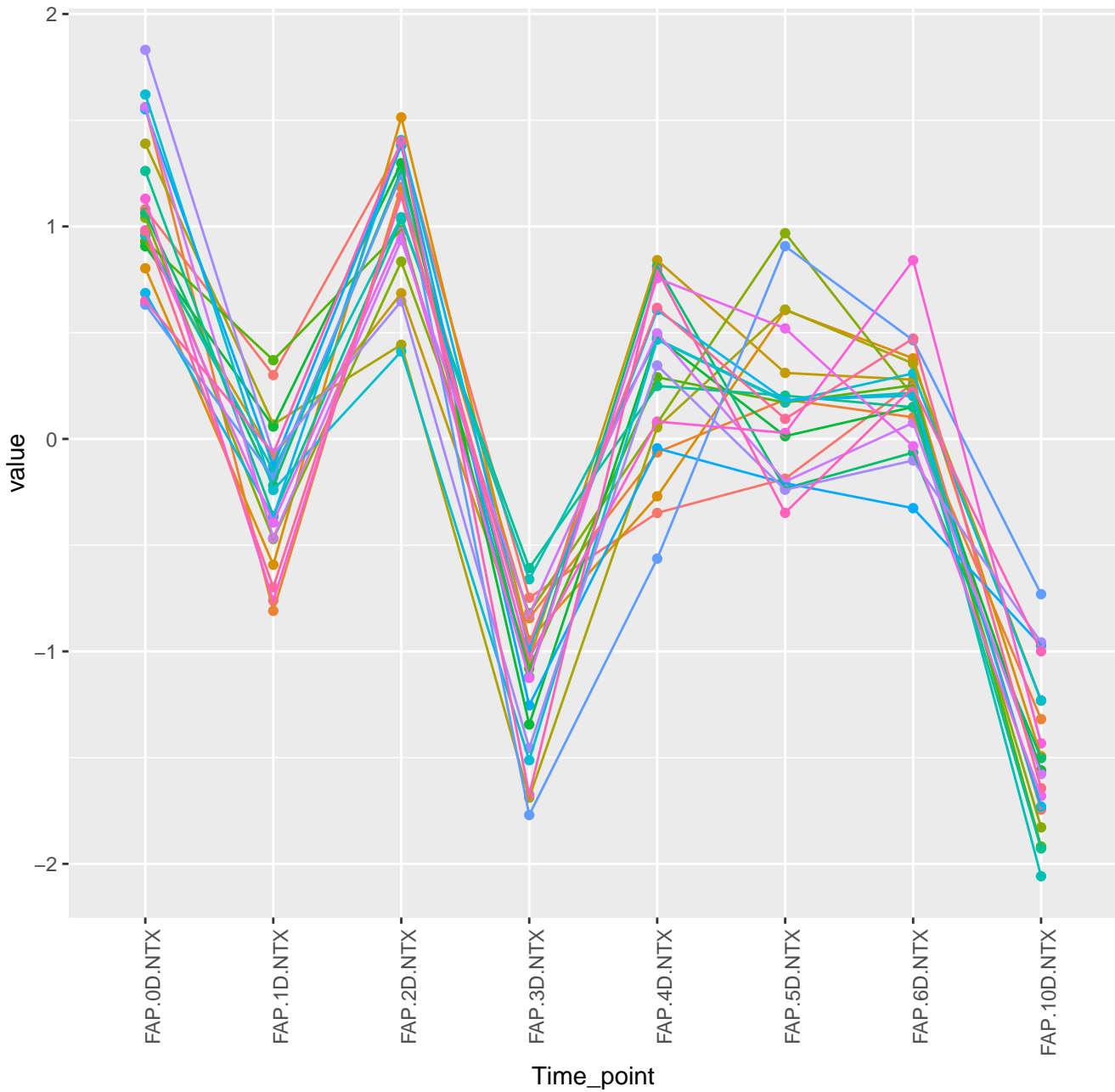
38 genes – cluster 27



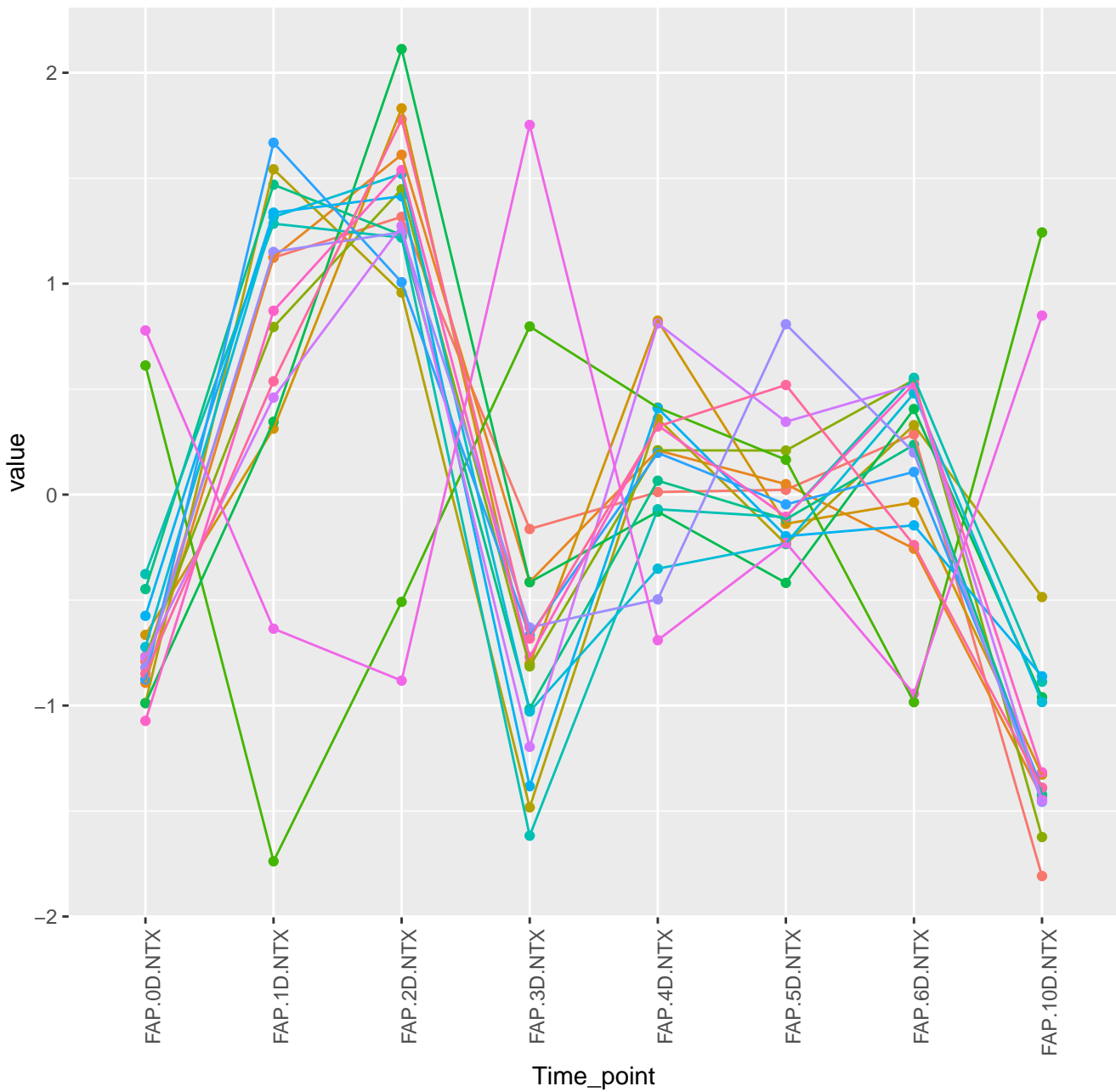
21 genes – cluster 28



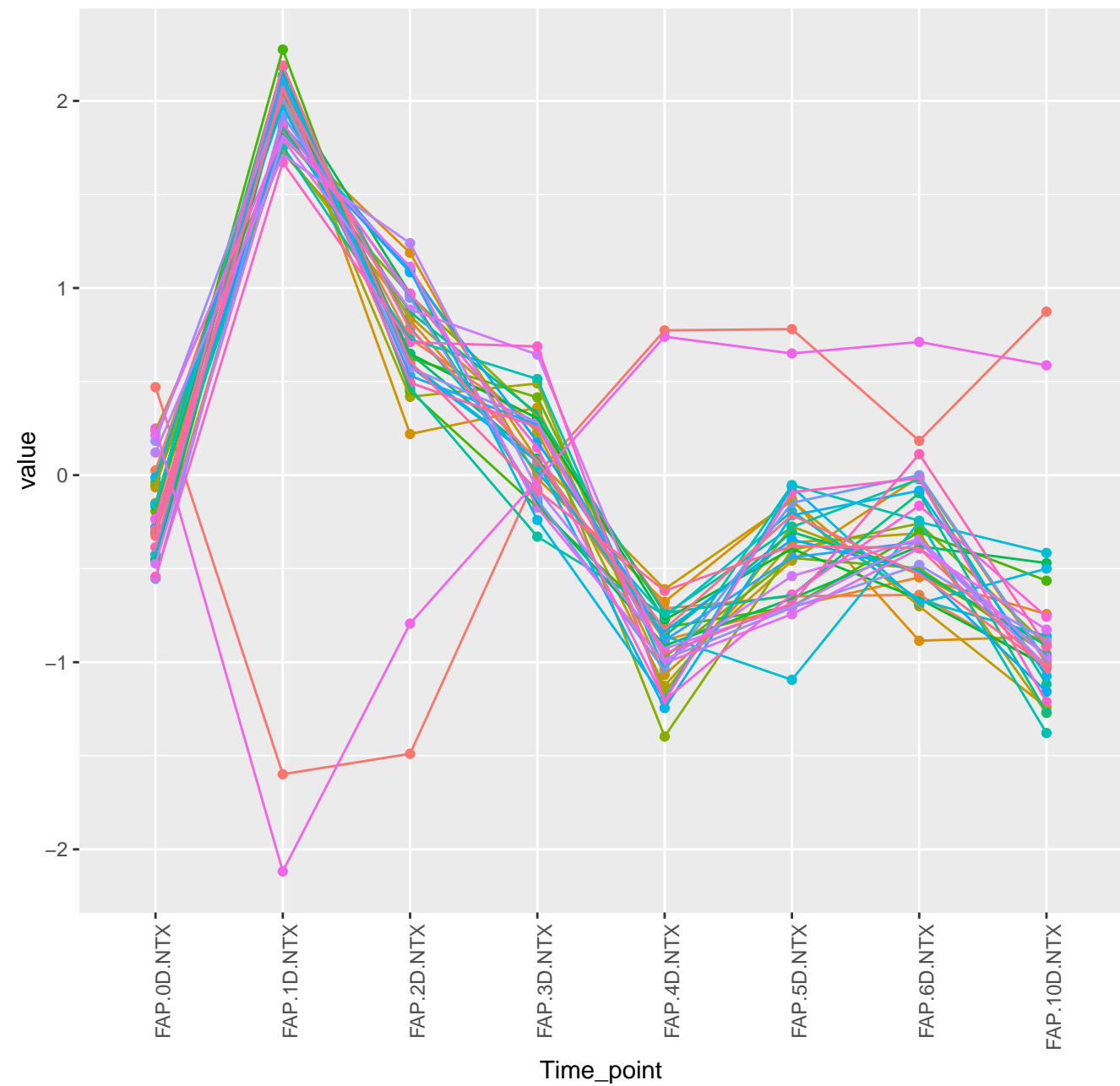
21 genes – cluster 29



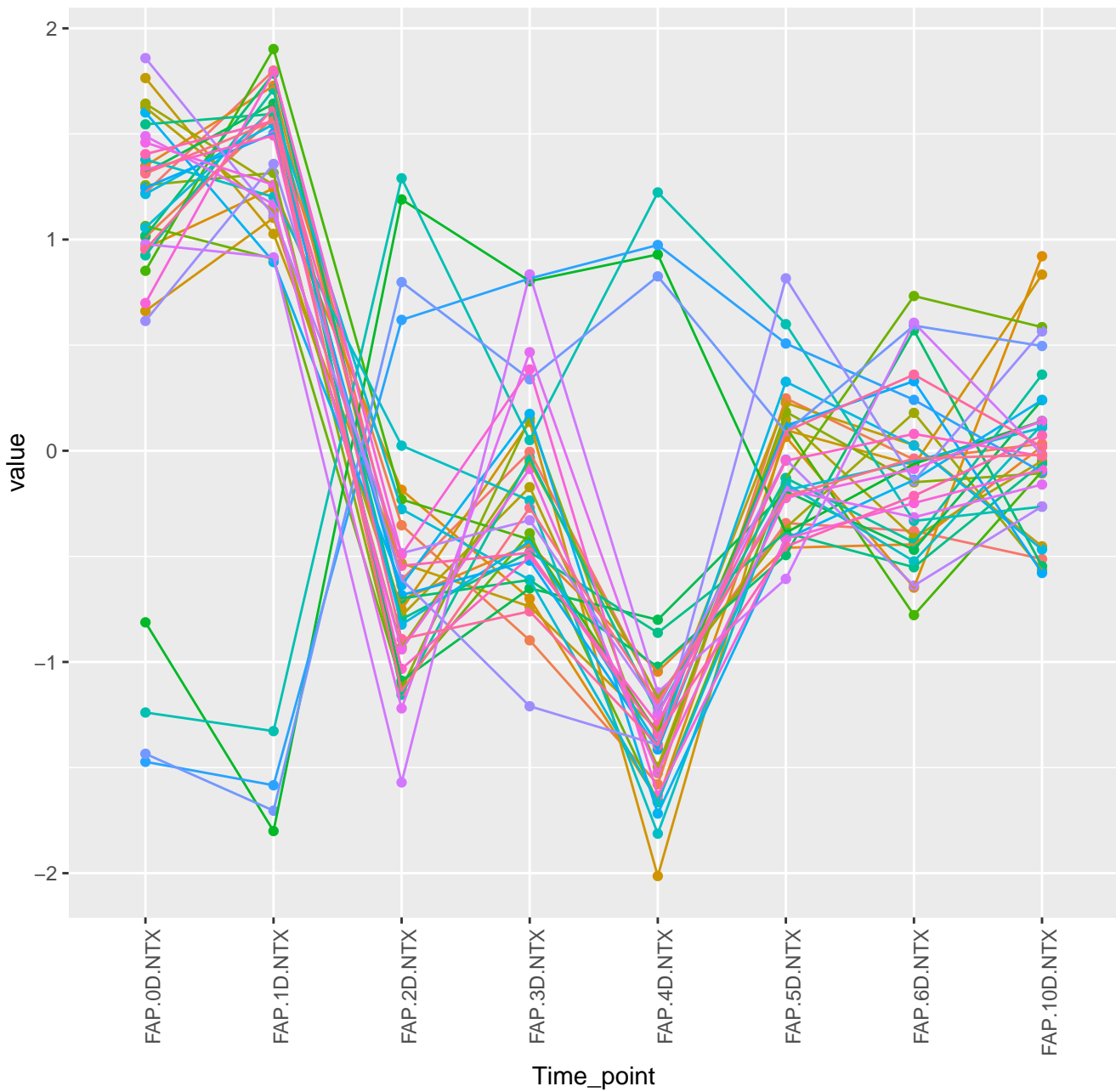
17 genes – cluster 30



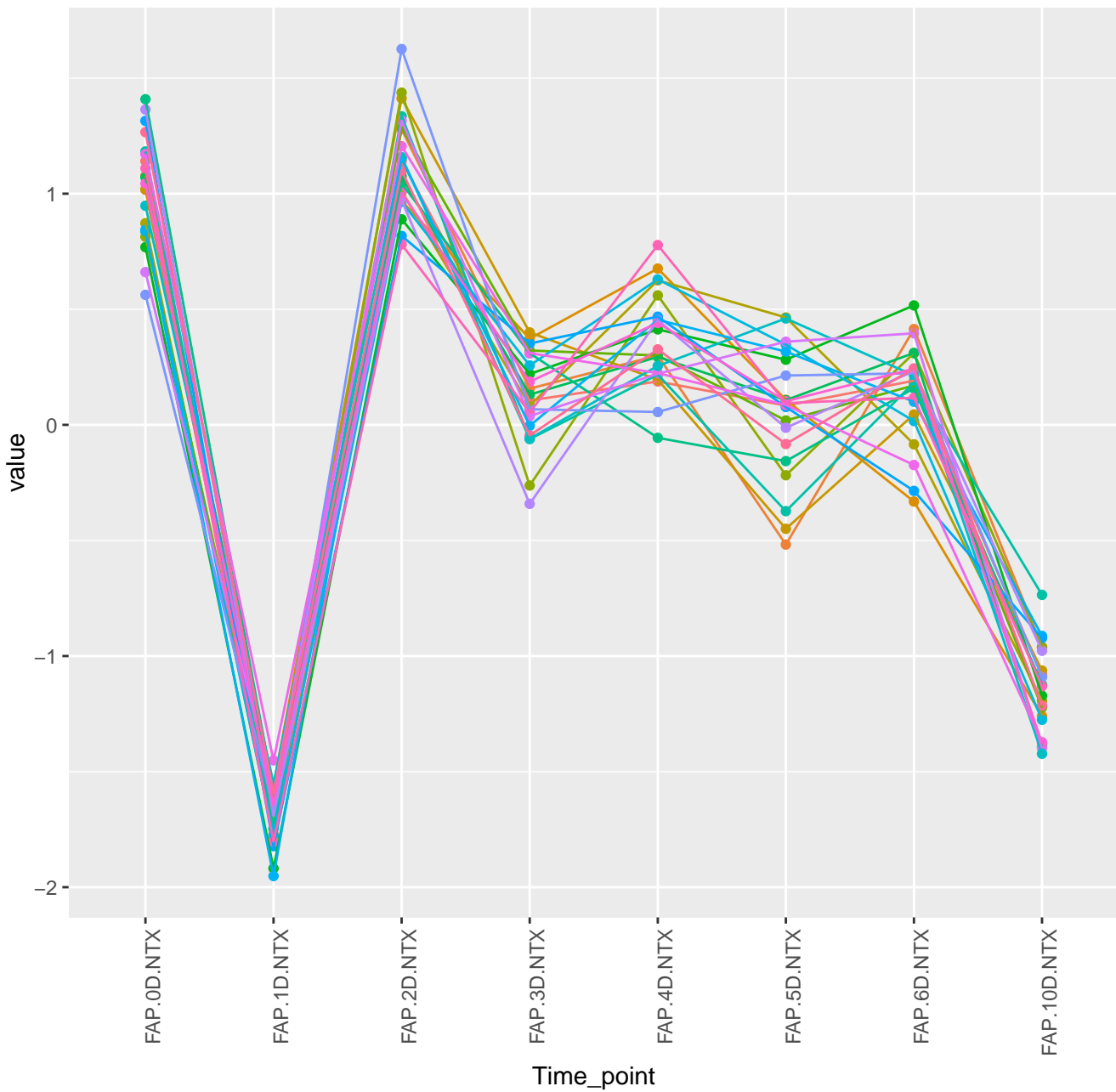
34 genes – cluster 31



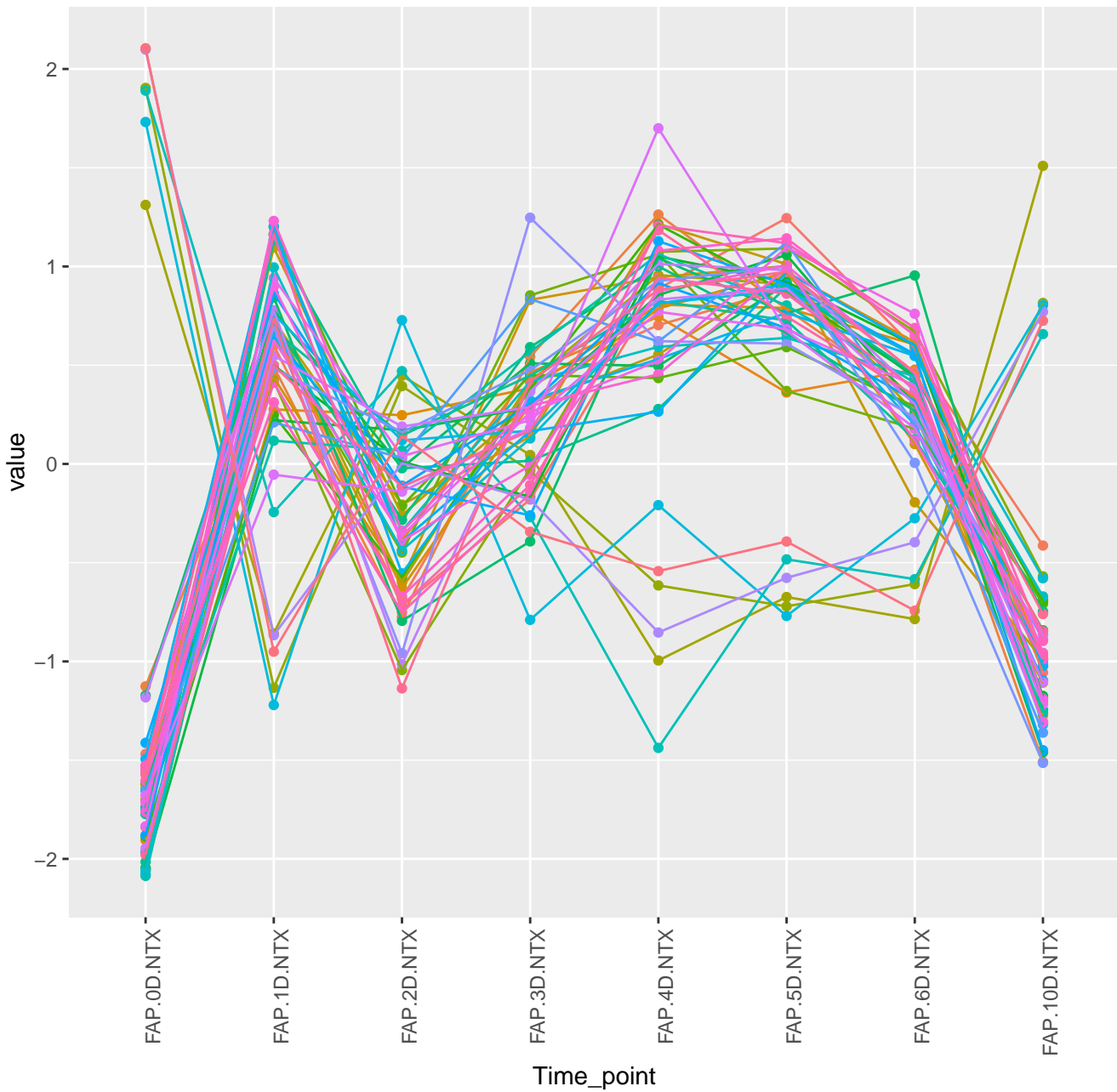
34 genes – cluster 32



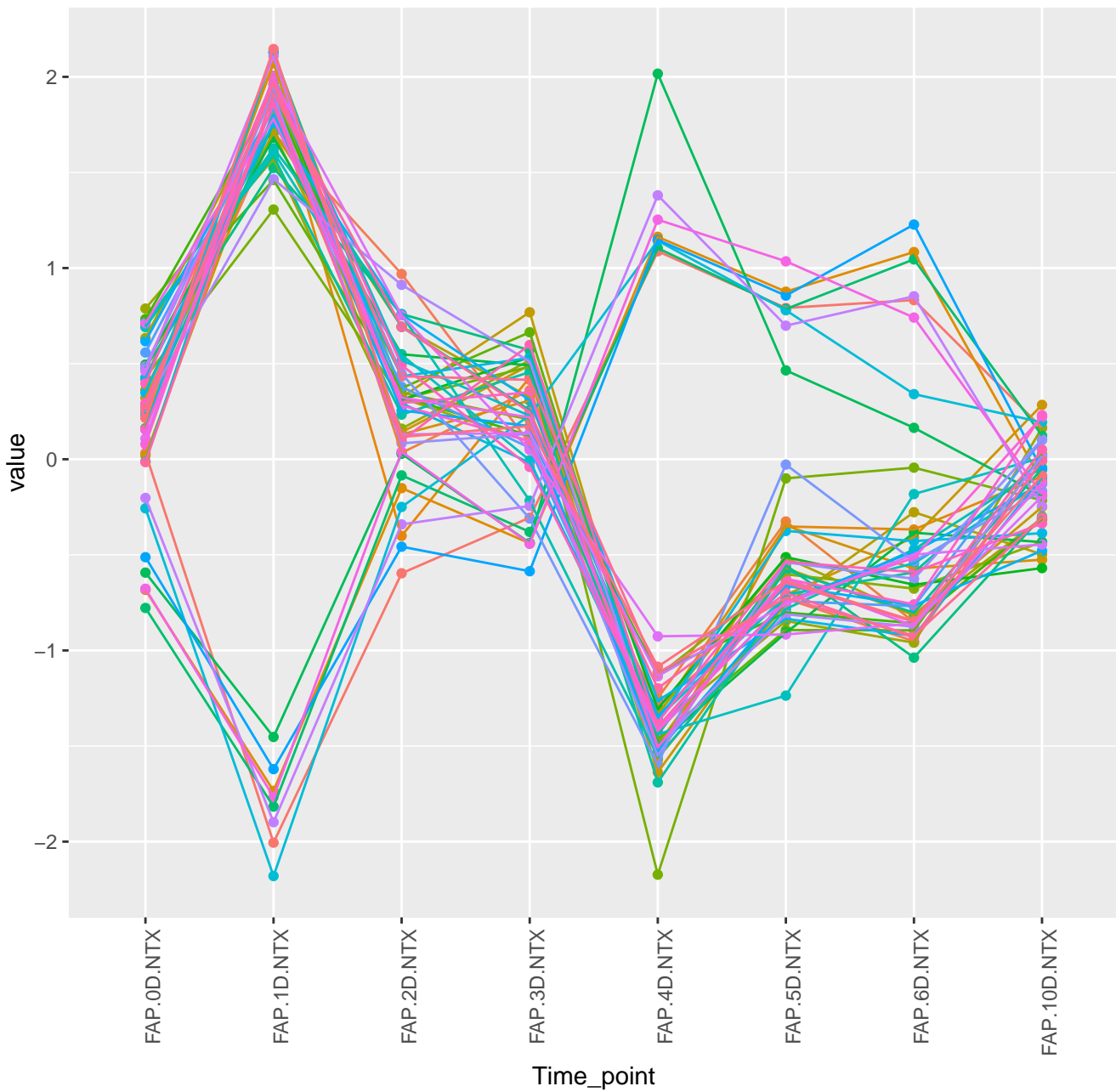
22 genes – cluster 33



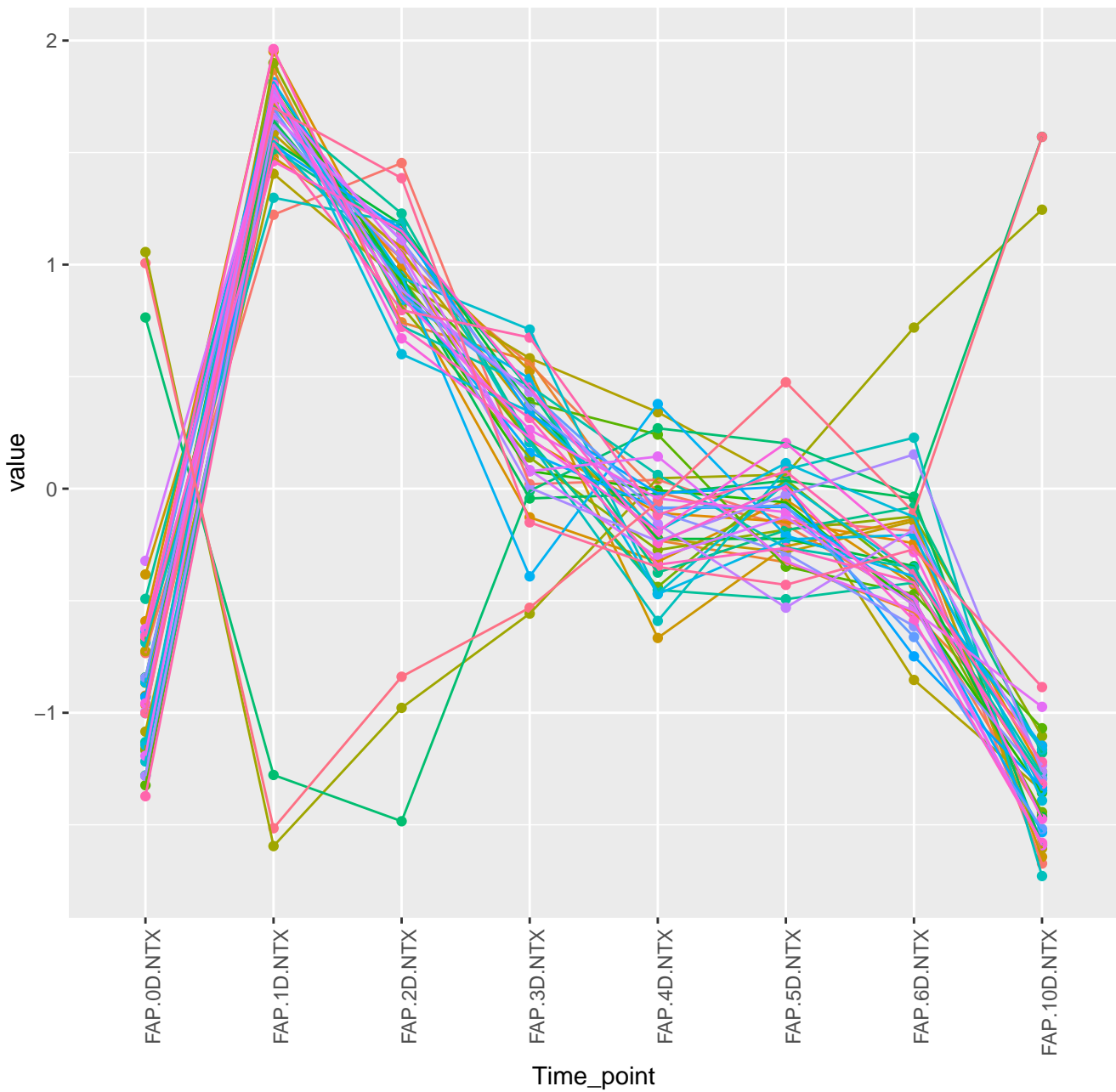
50 genes – cluster 34



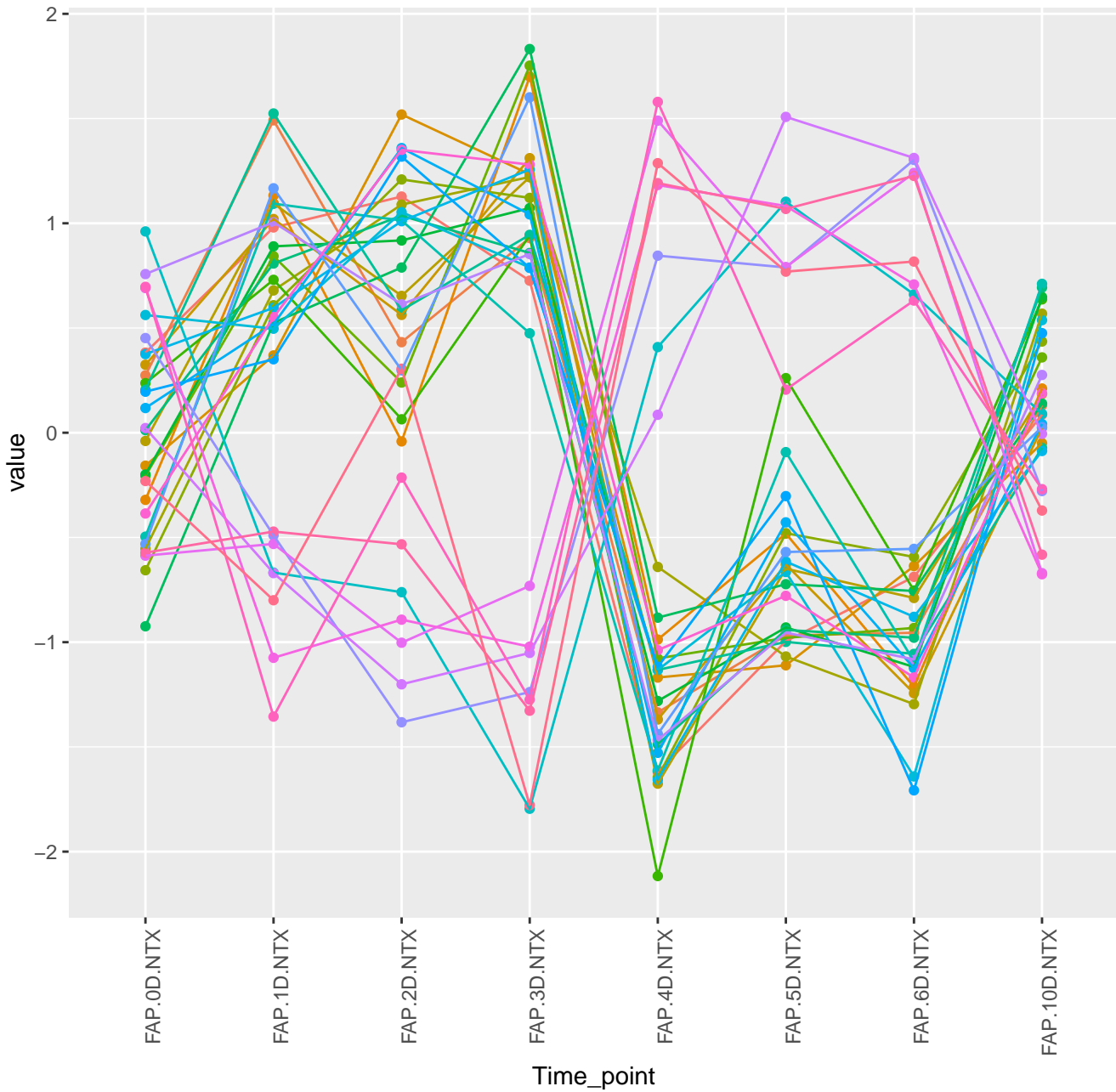
47 genes – cluster 35



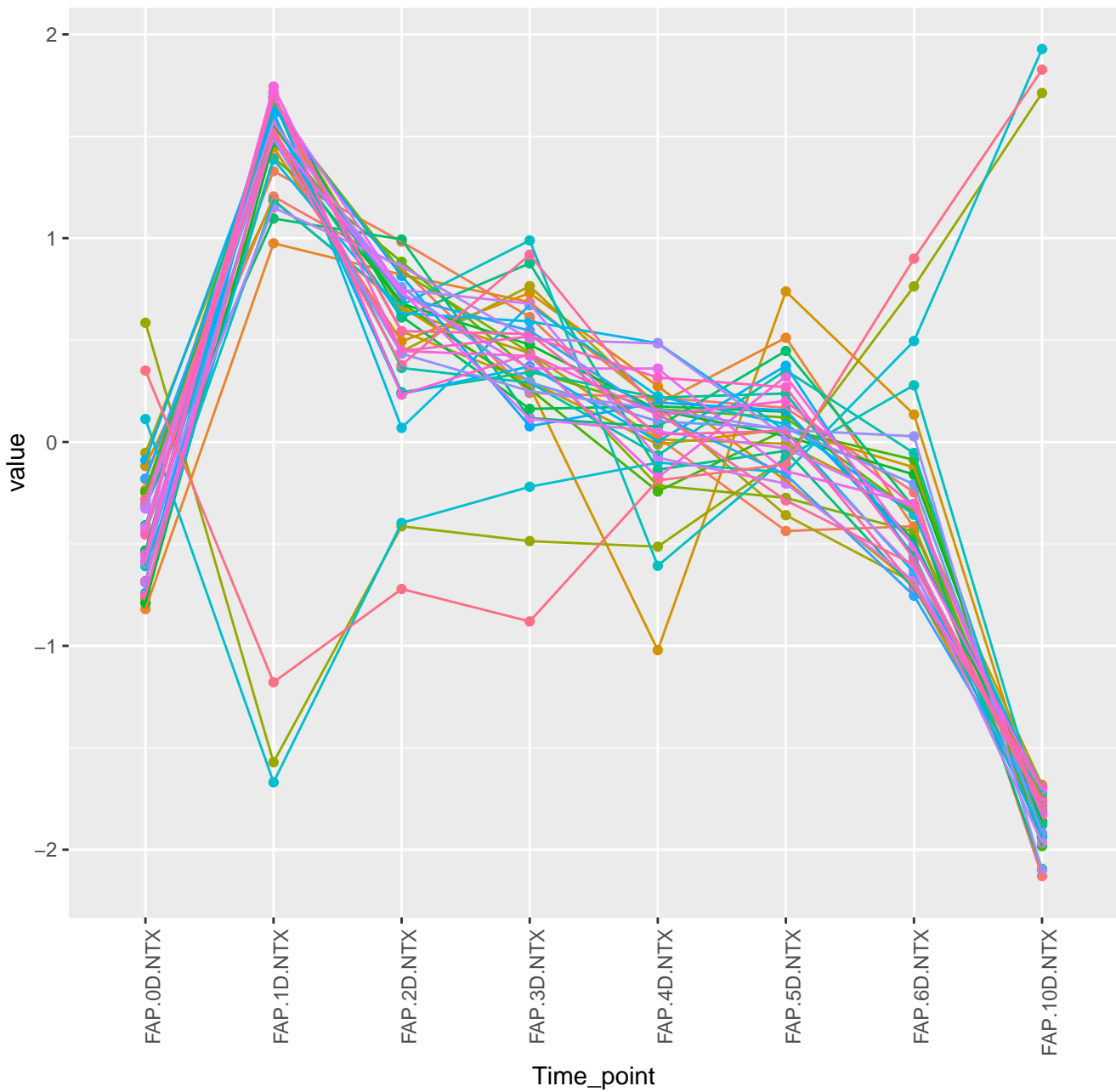
39 genes – cluster 36



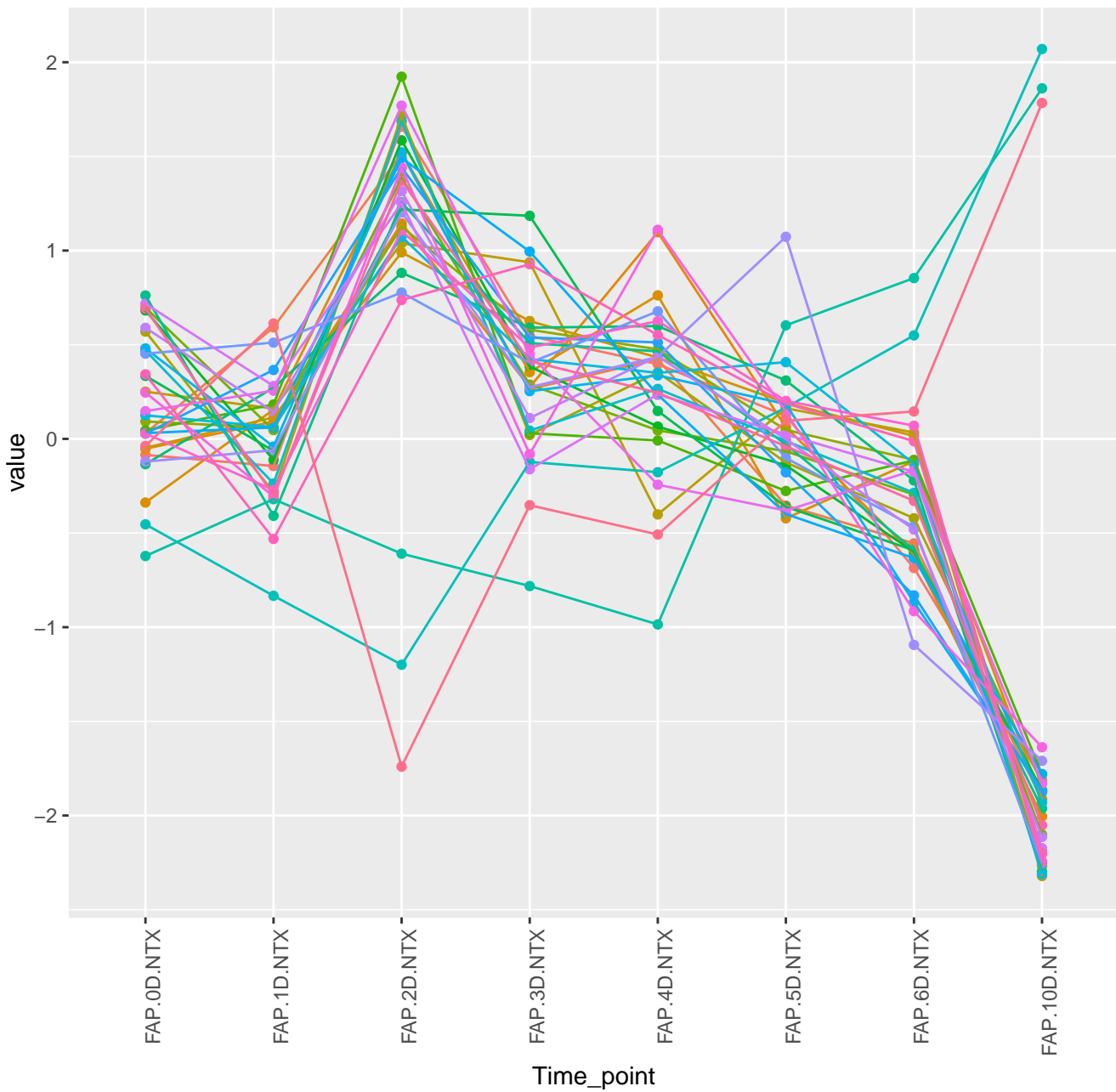
30 genes – cluster 37



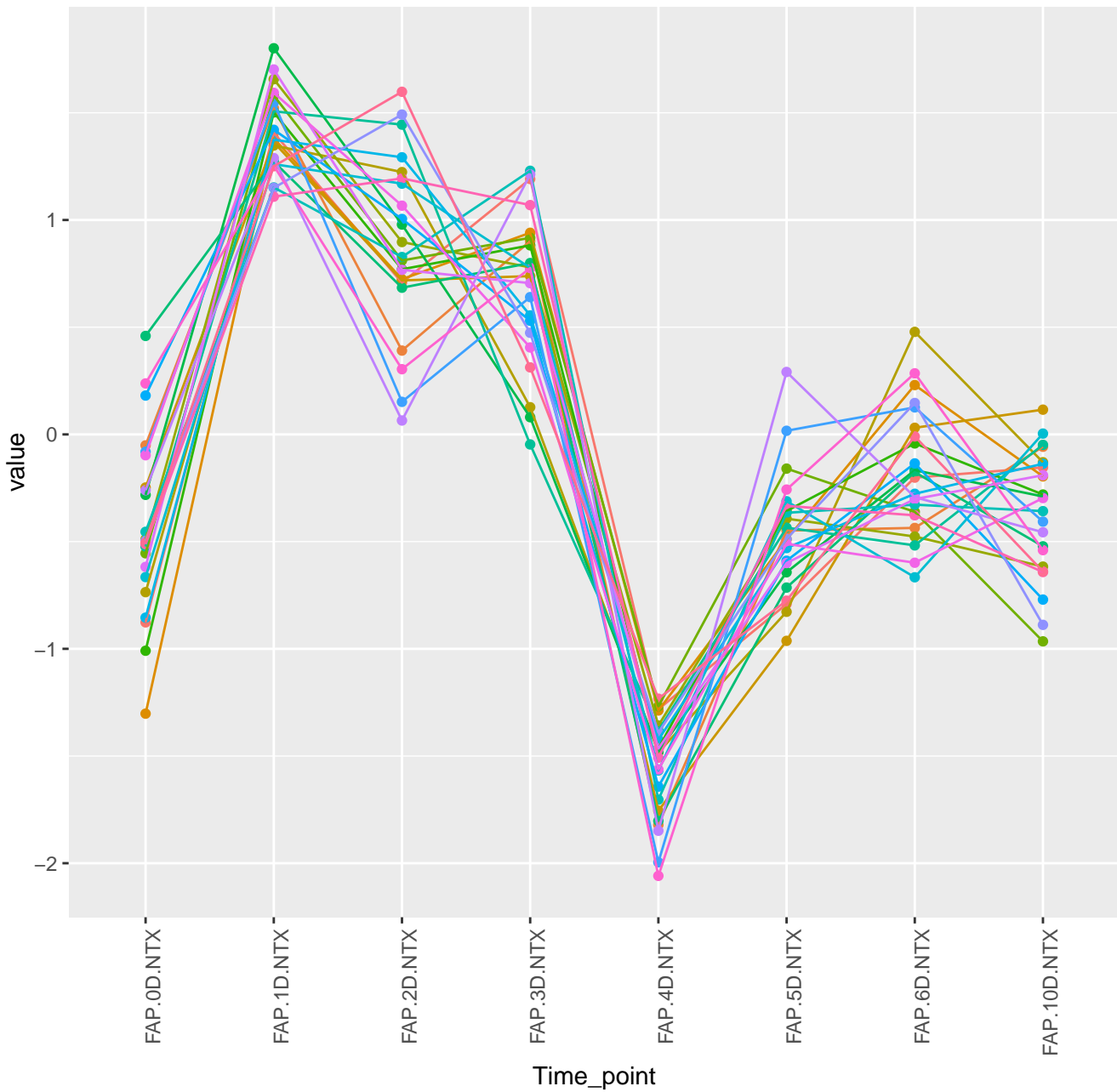
37 genes – cluster 38



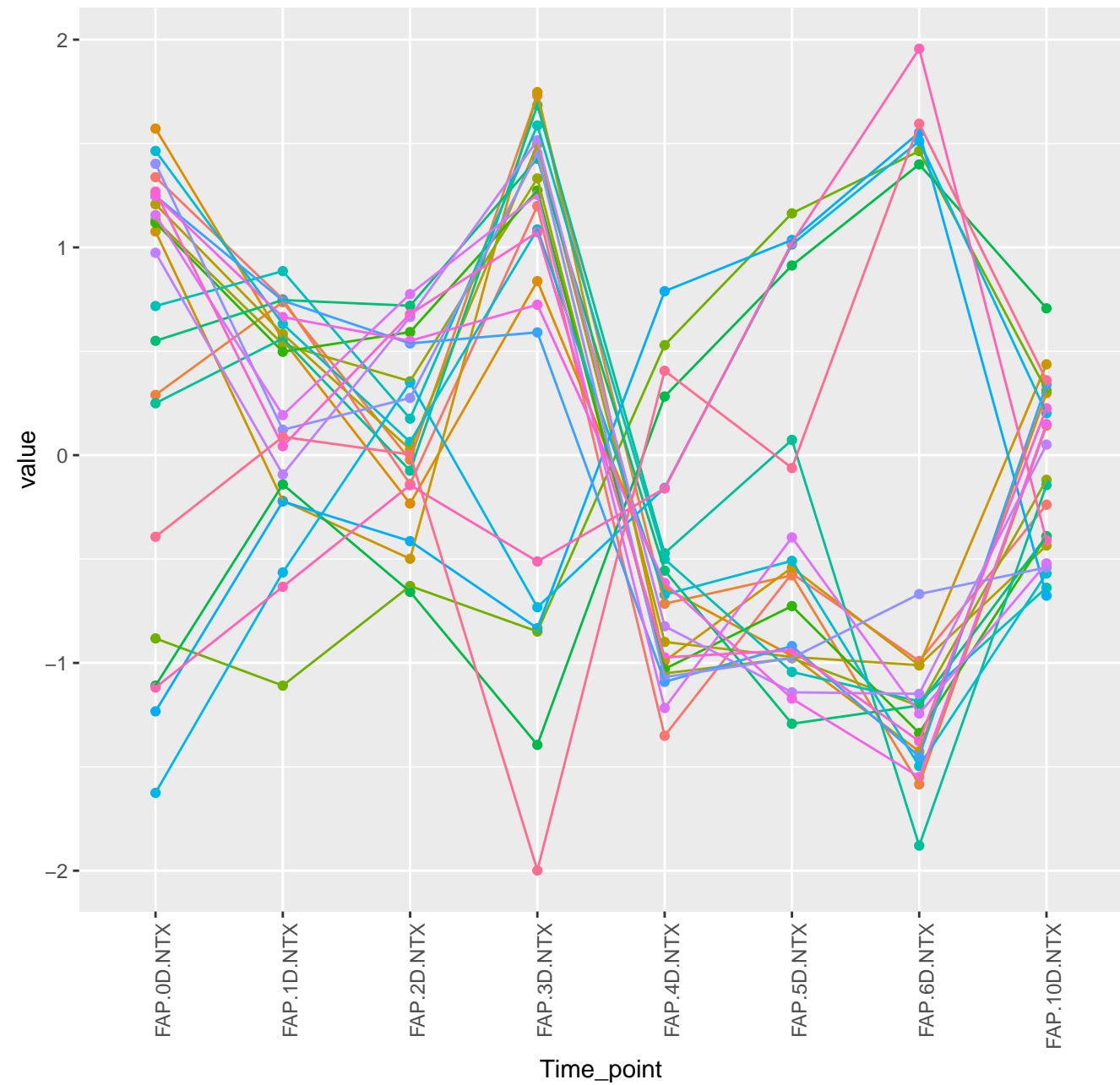
31 genes – cluster 39



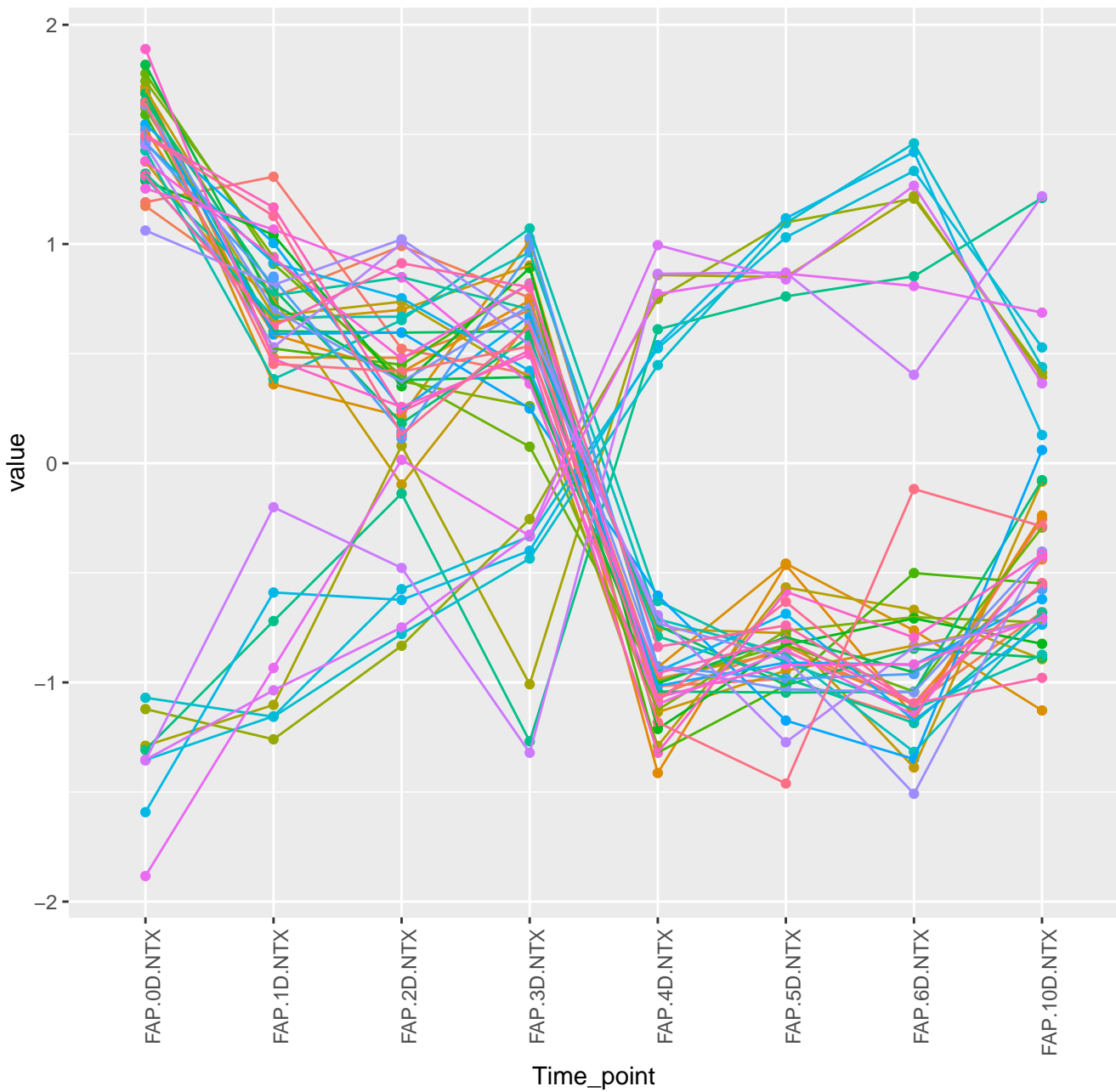
23 genes – cluster 40



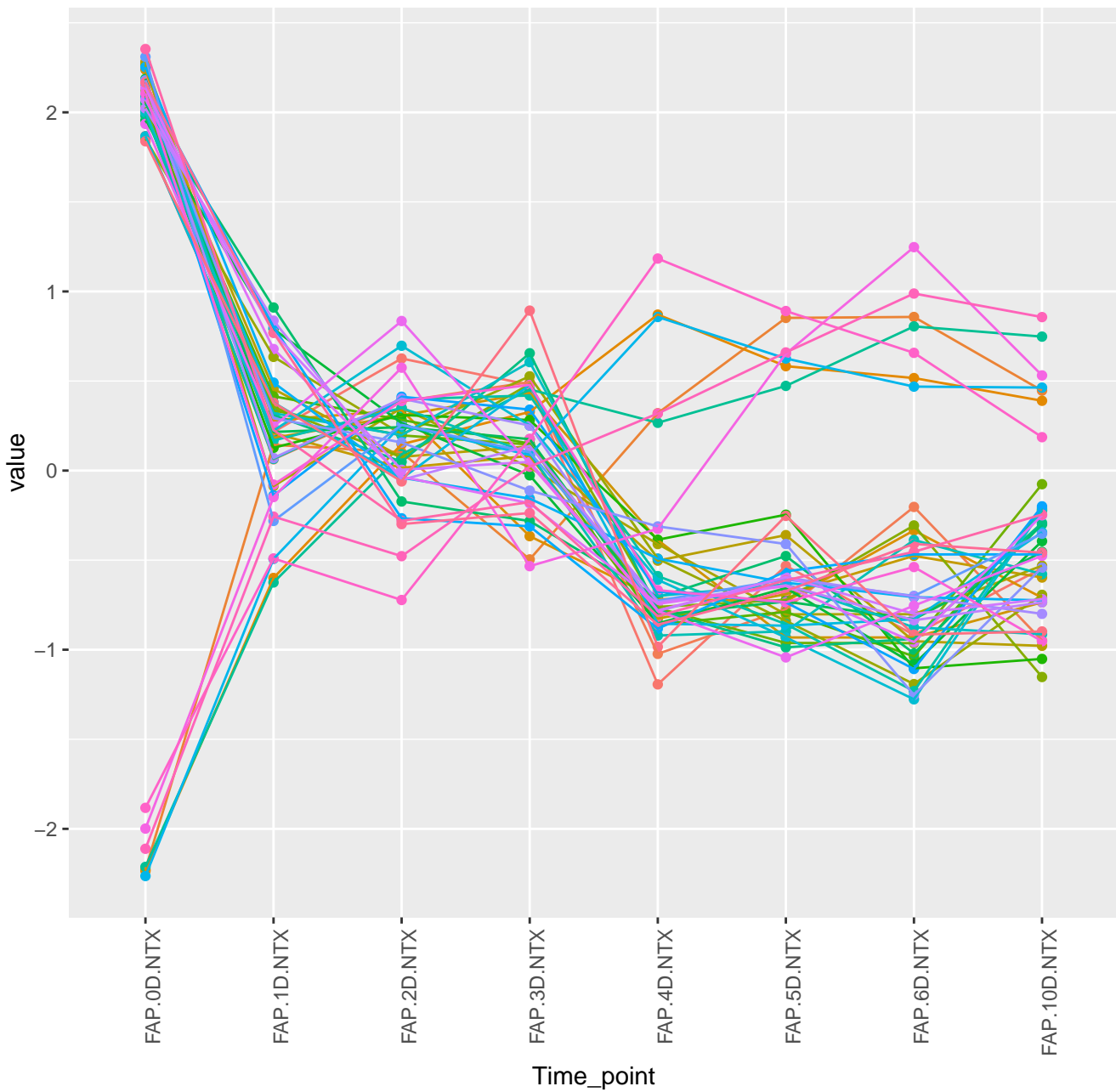
23 genes – cluster 41



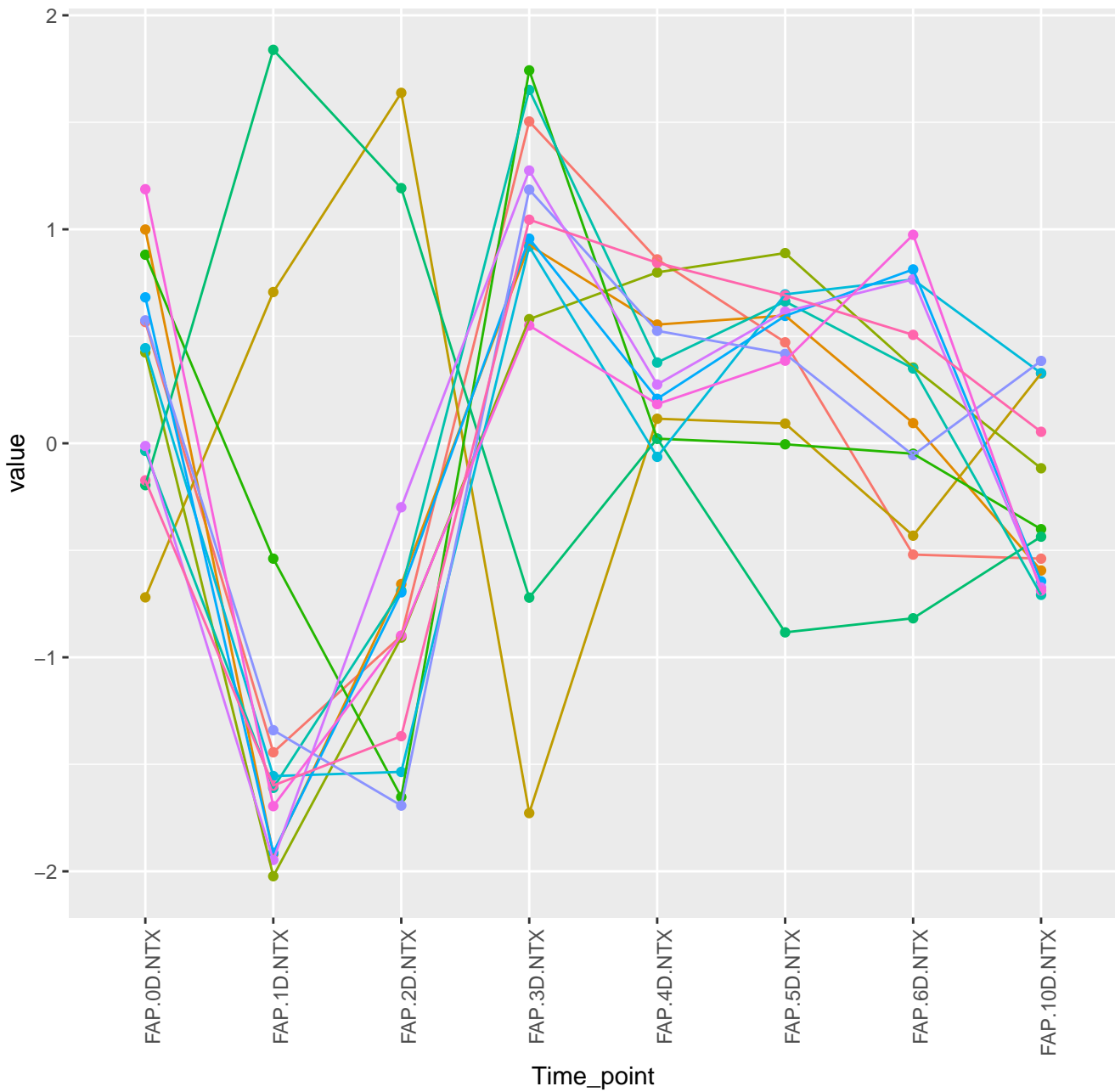
43 genes – cluster 42



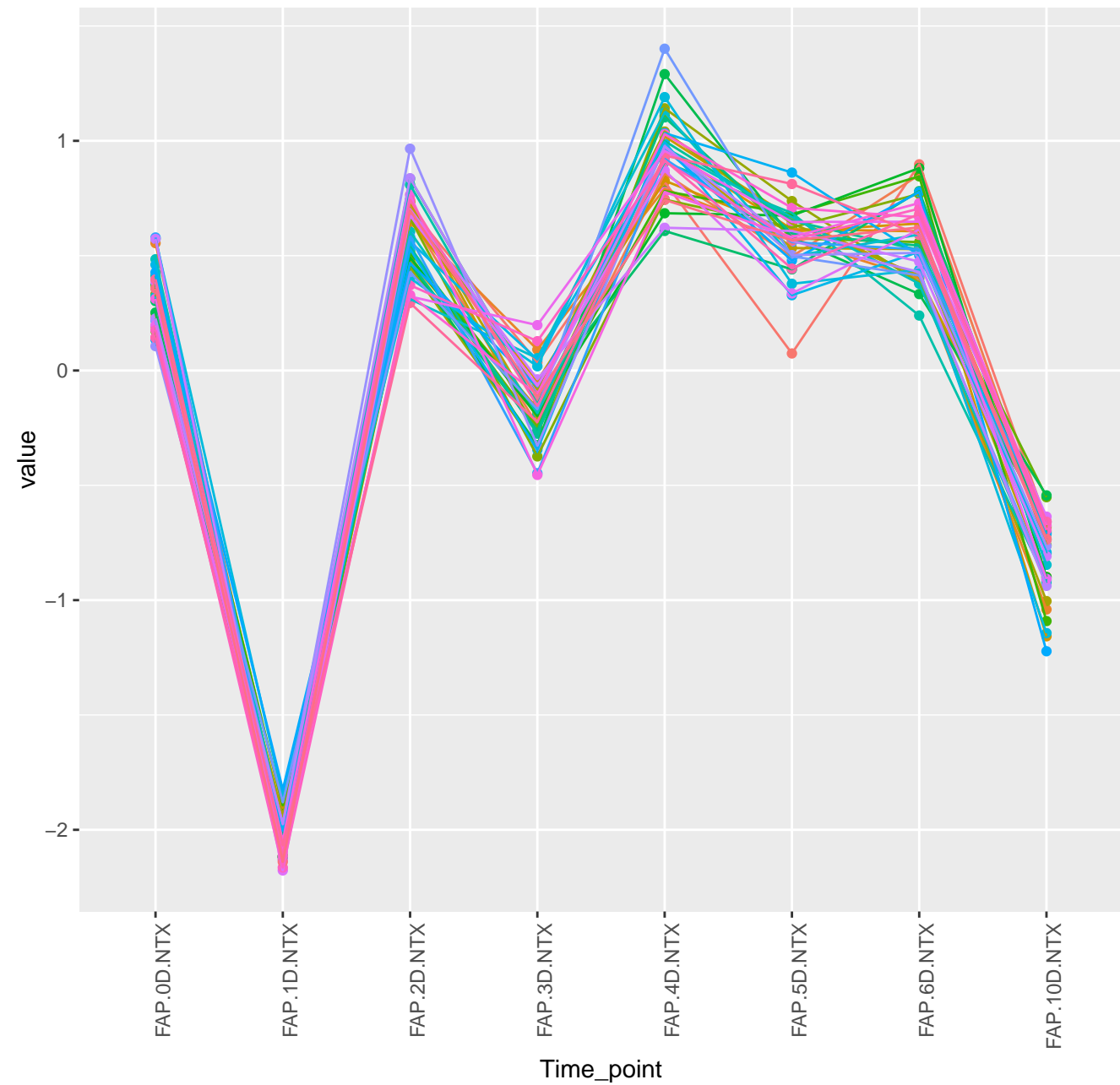
42 genes – cluster 43



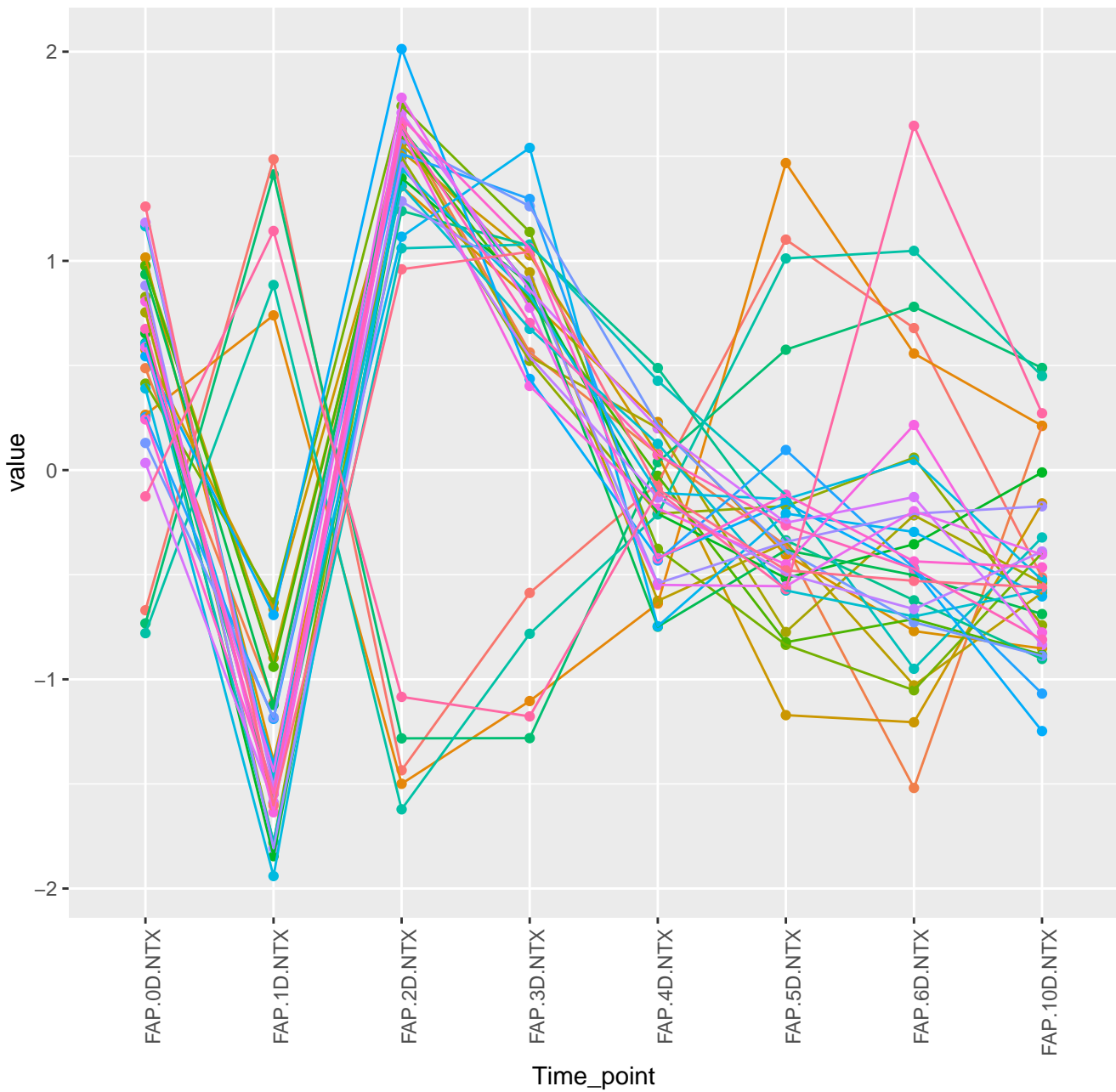
13 genes – cluster 44



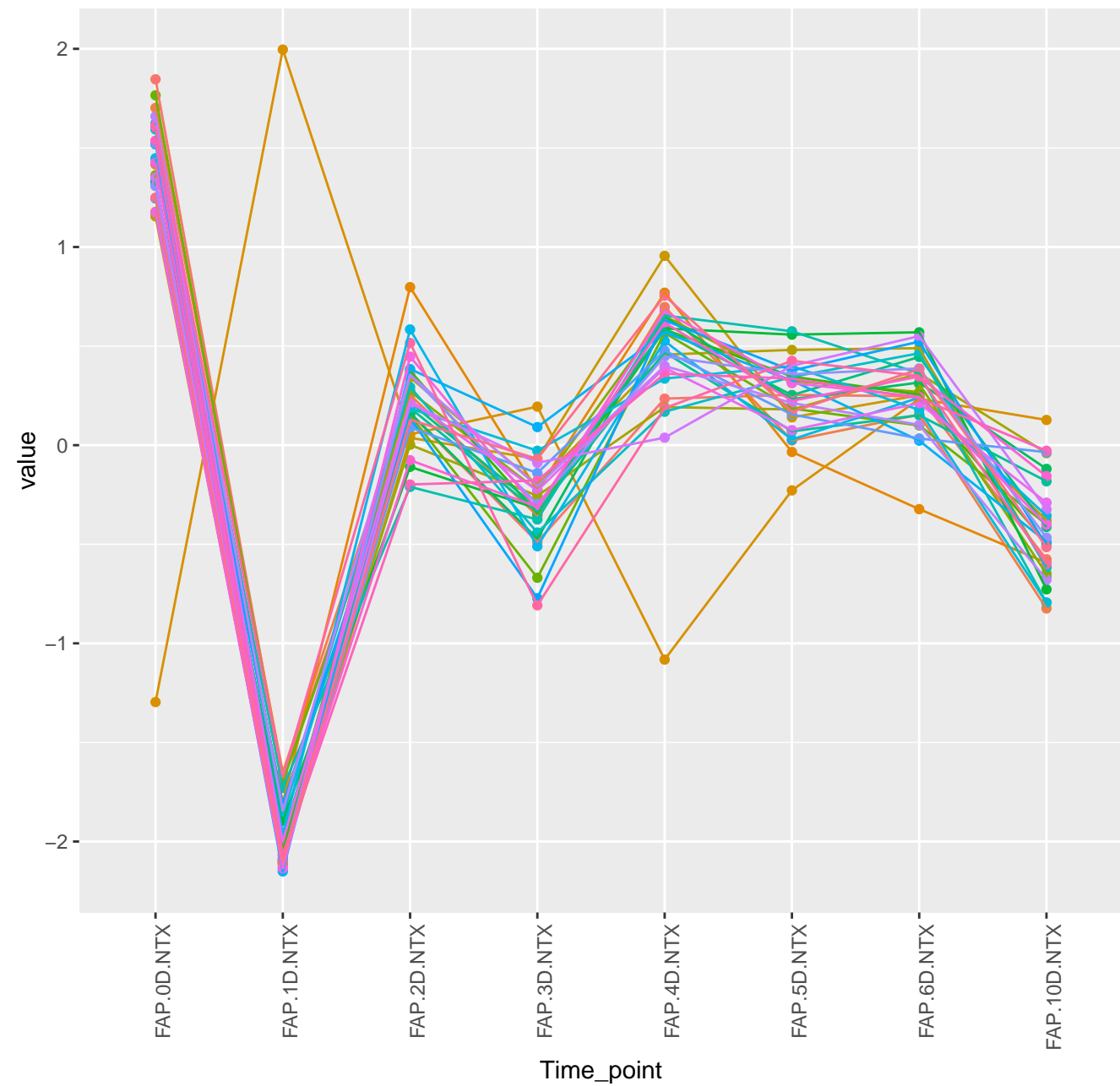
37 genes – cluster 45



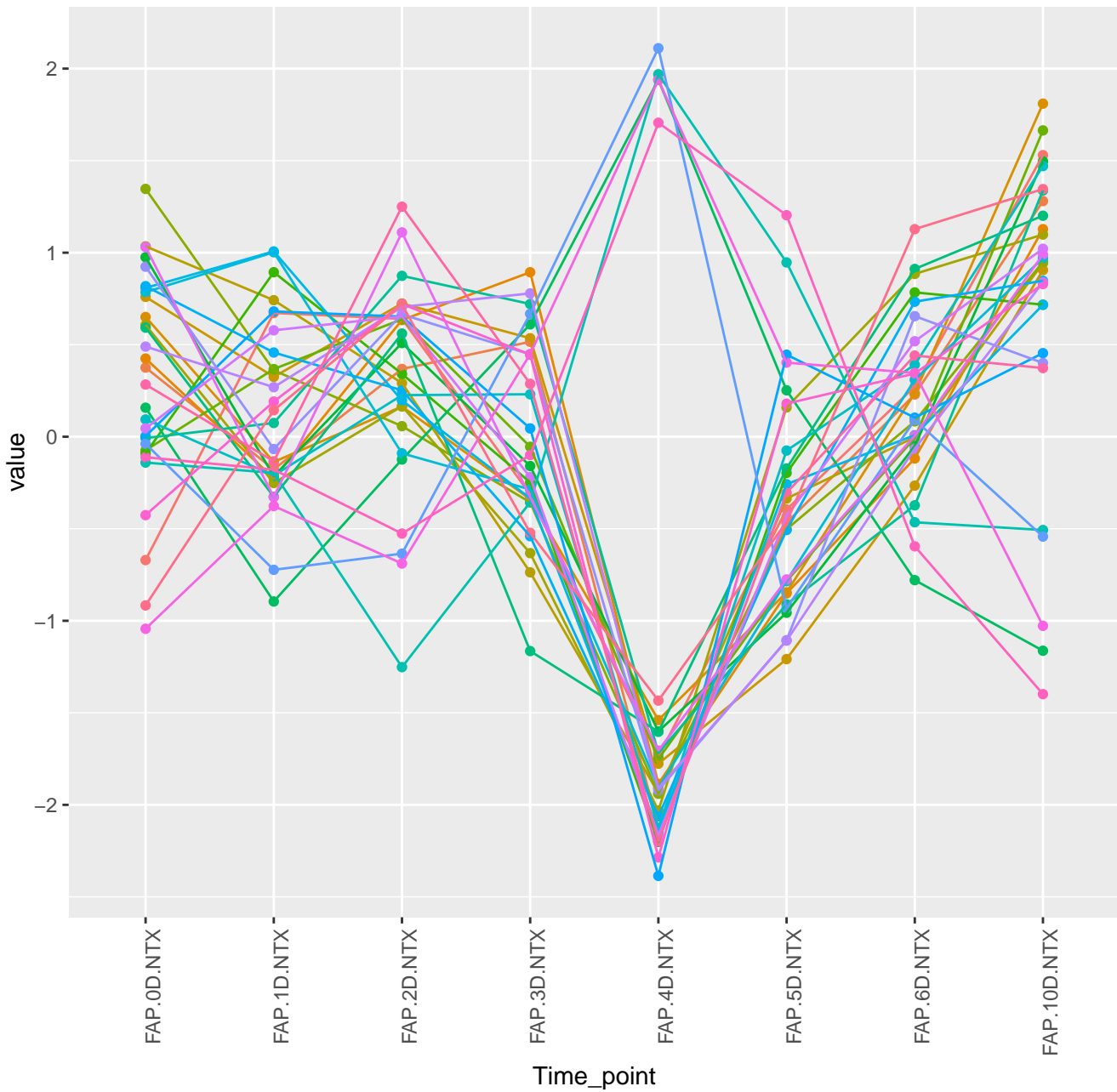
31 genes – cluster 46



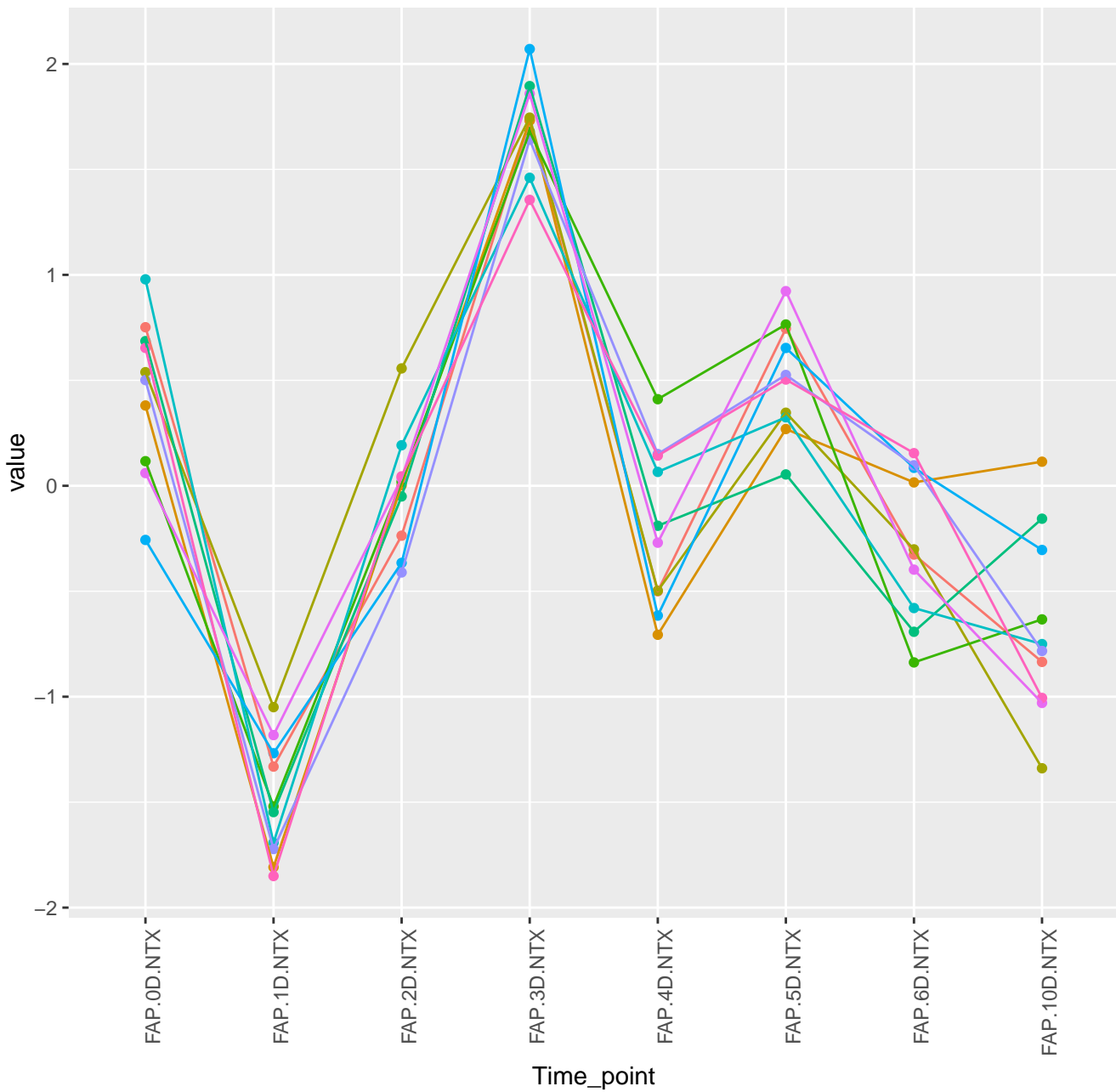
31 genes – cluster 47



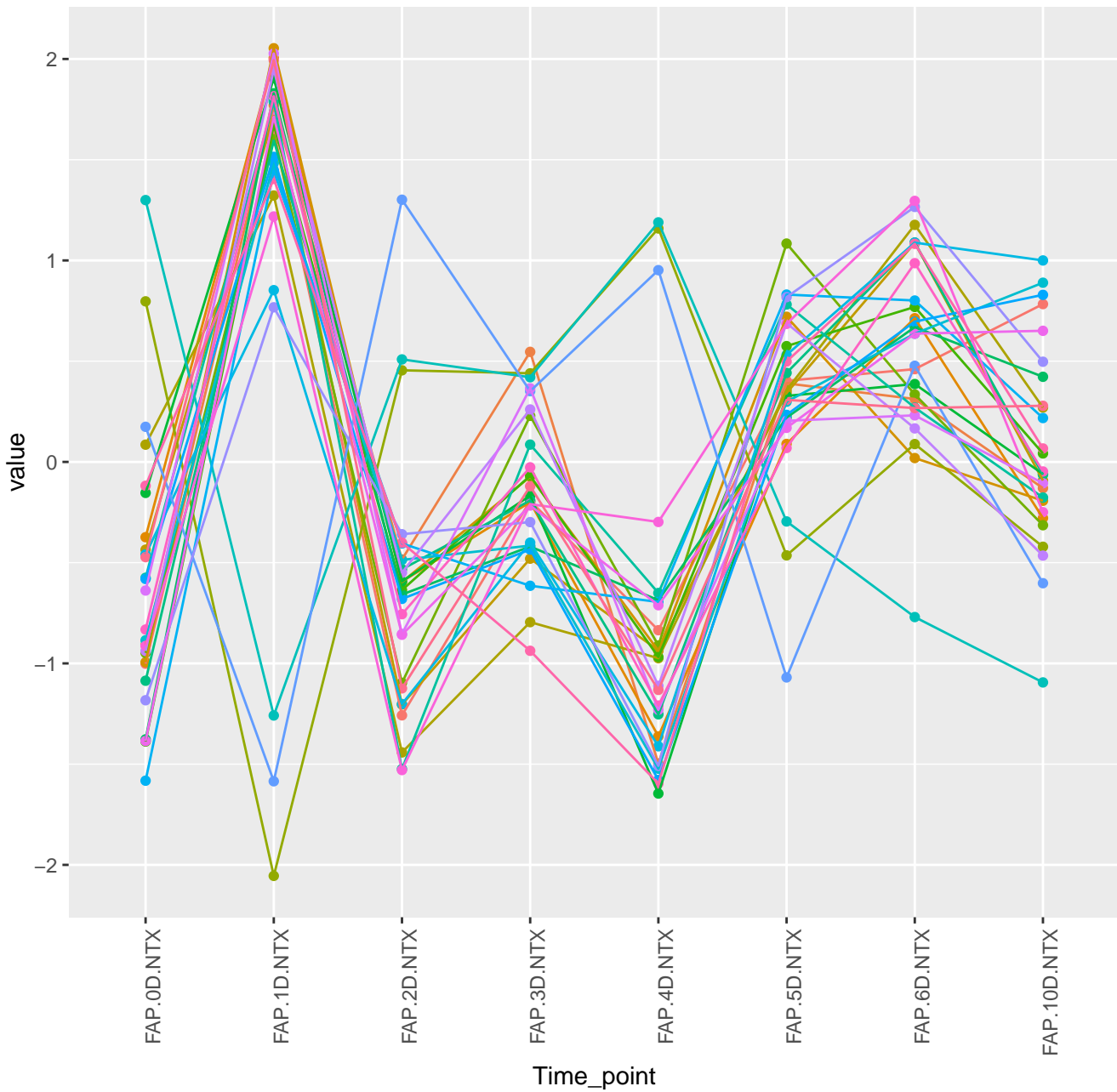
30 genes – cluster 48



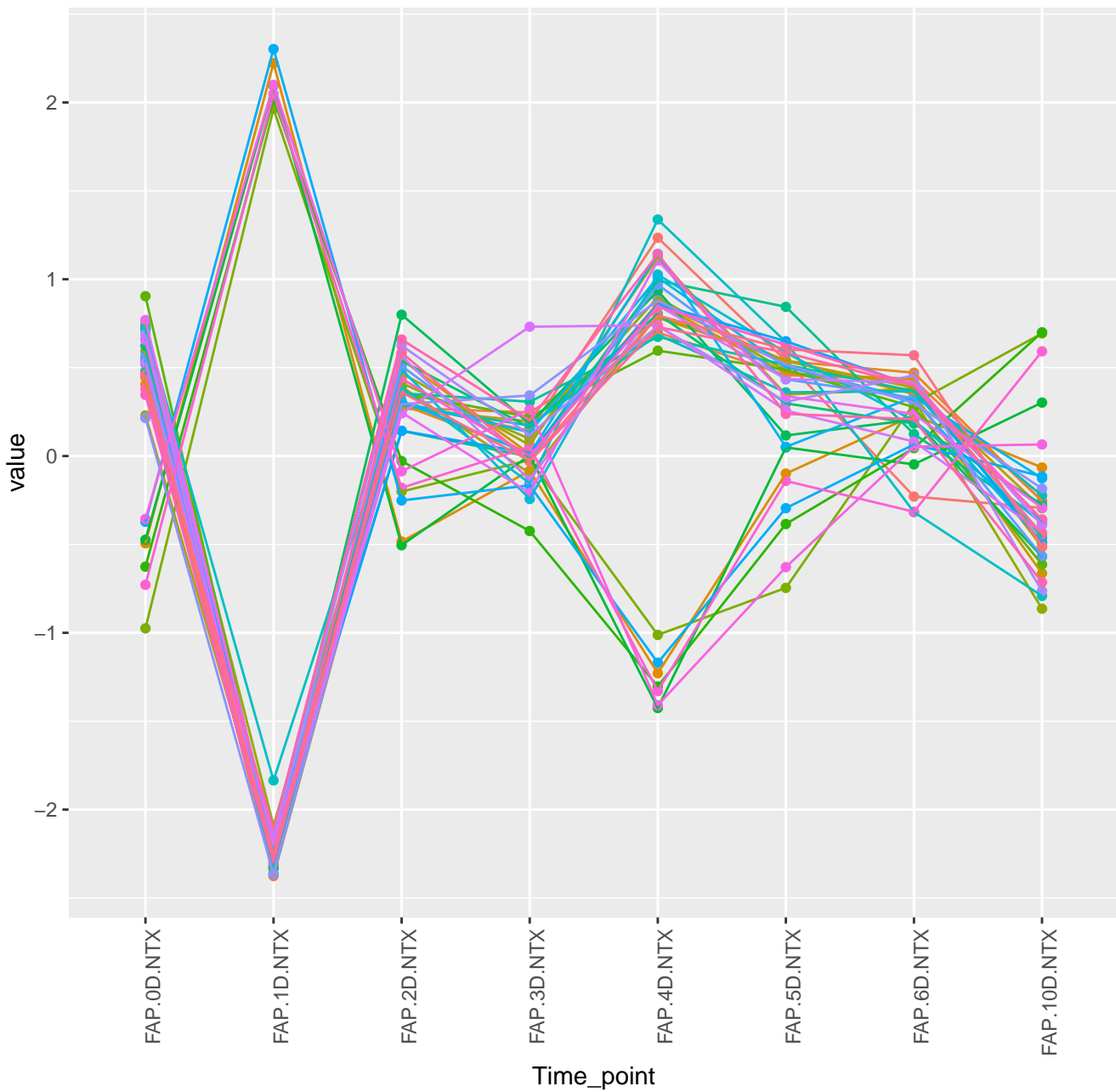
10 genes – cluster 49



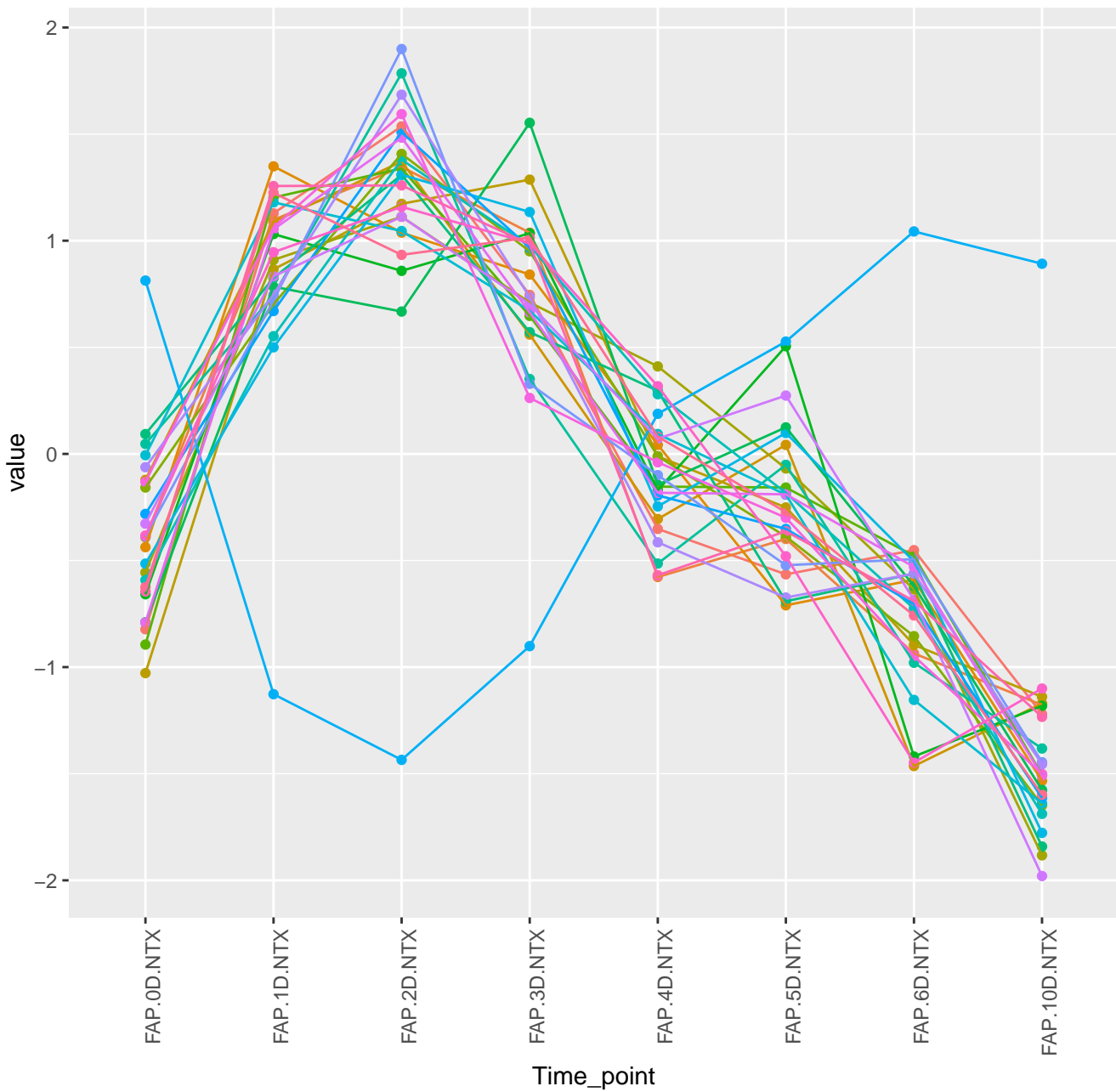
27 genes – cluster 50



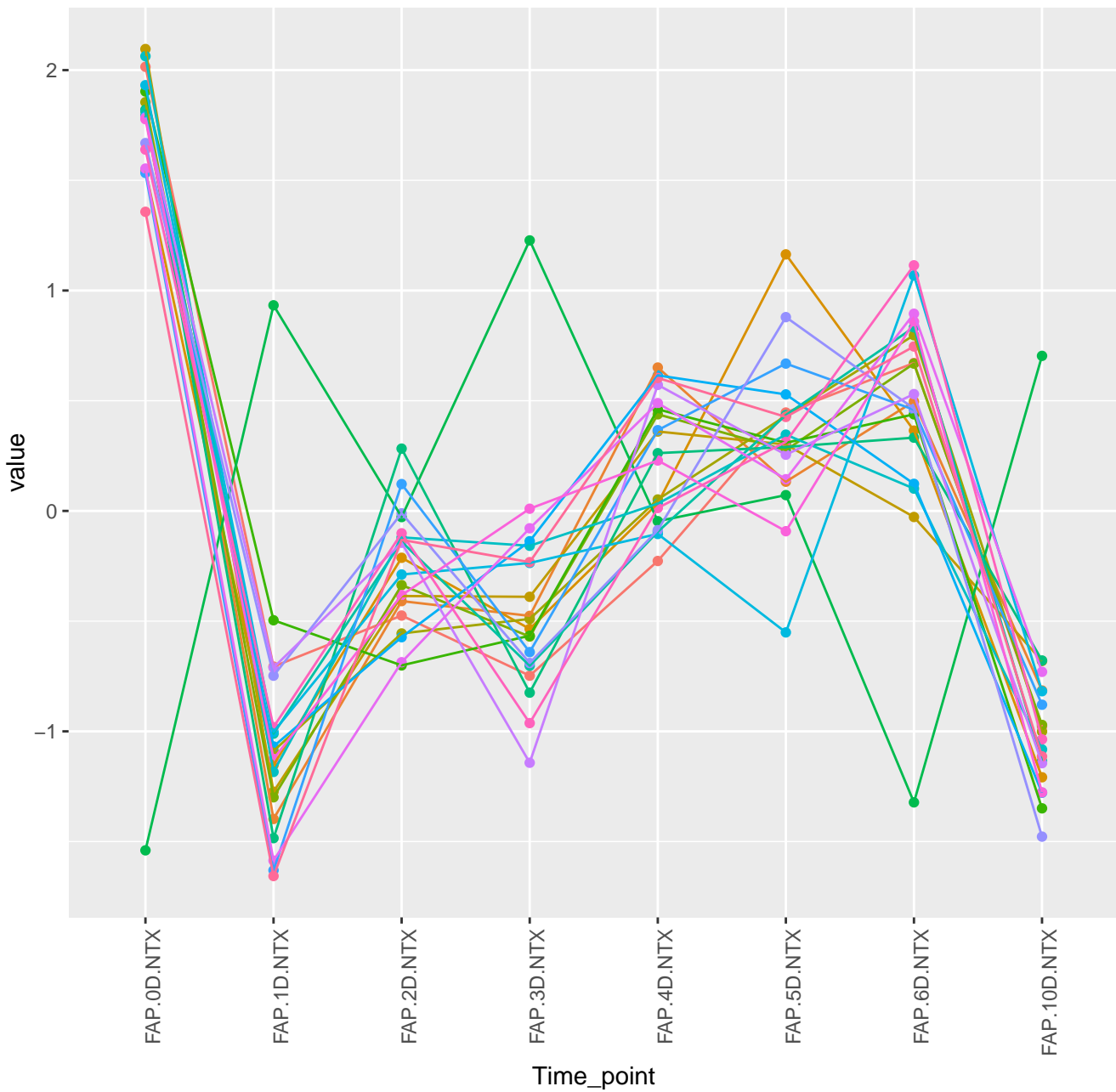
36 genes – cluster 51



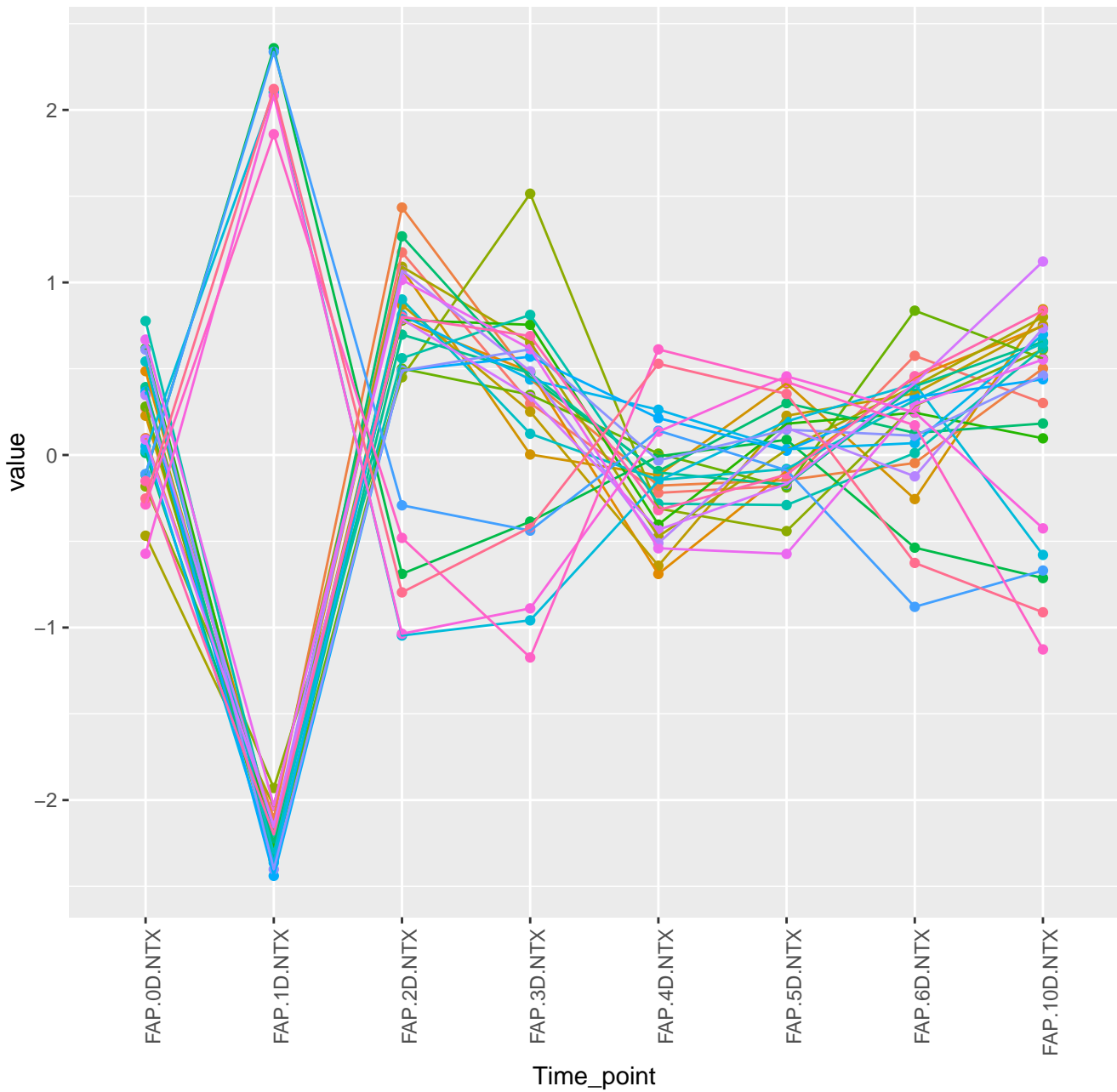
25 genes – cluster 52



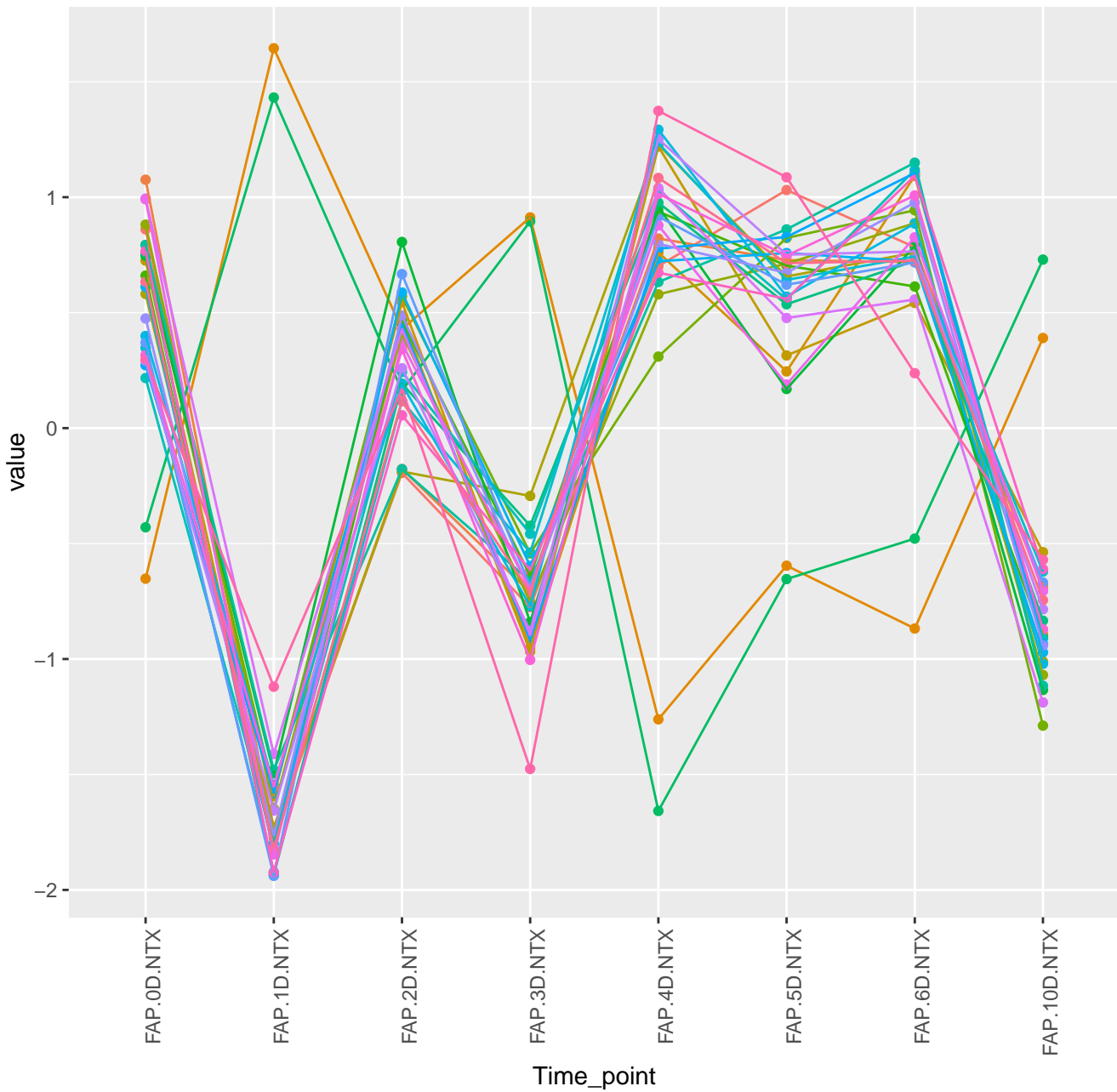
20 genes – cluster 53



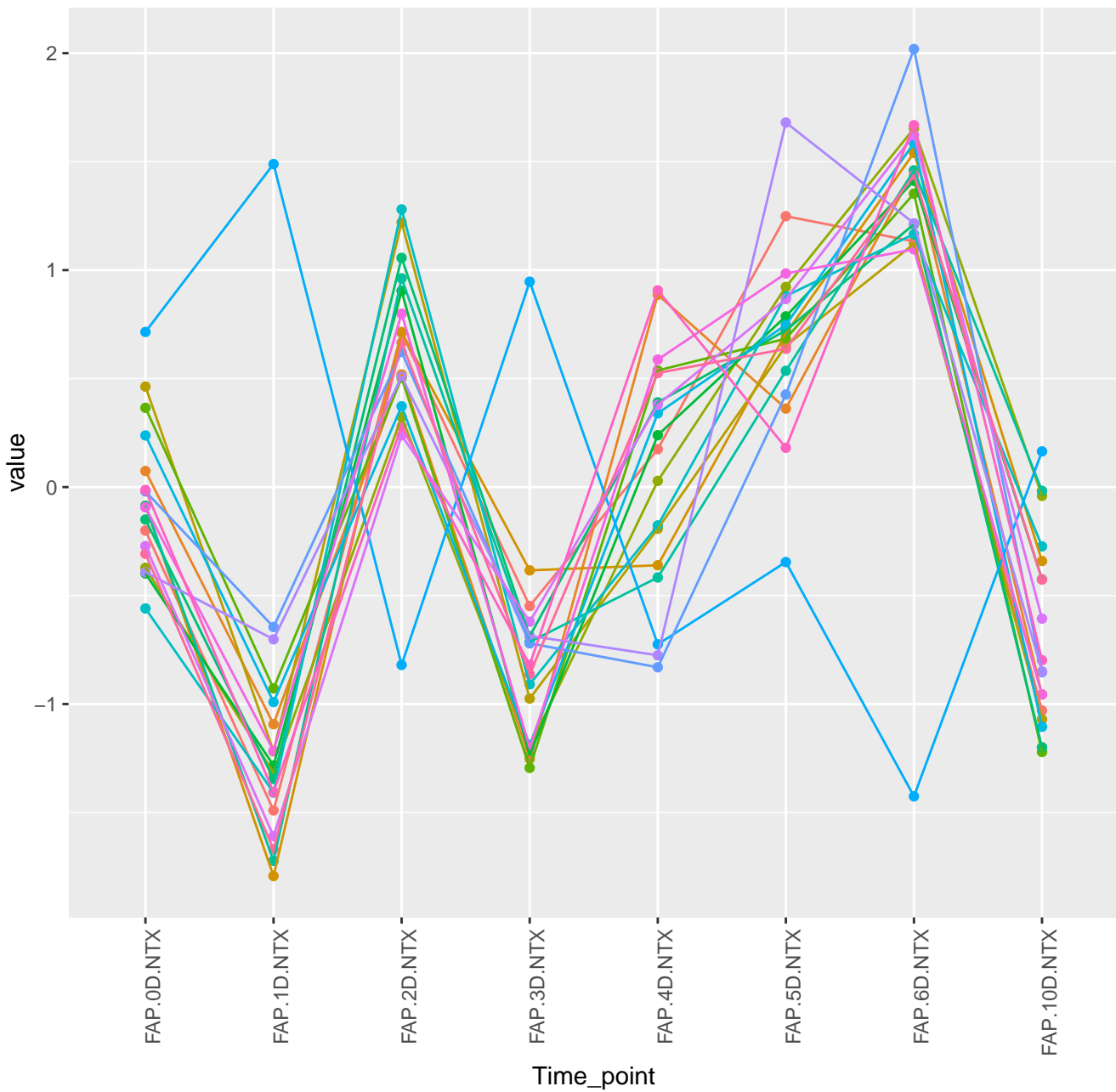
26 genes – cluster 54



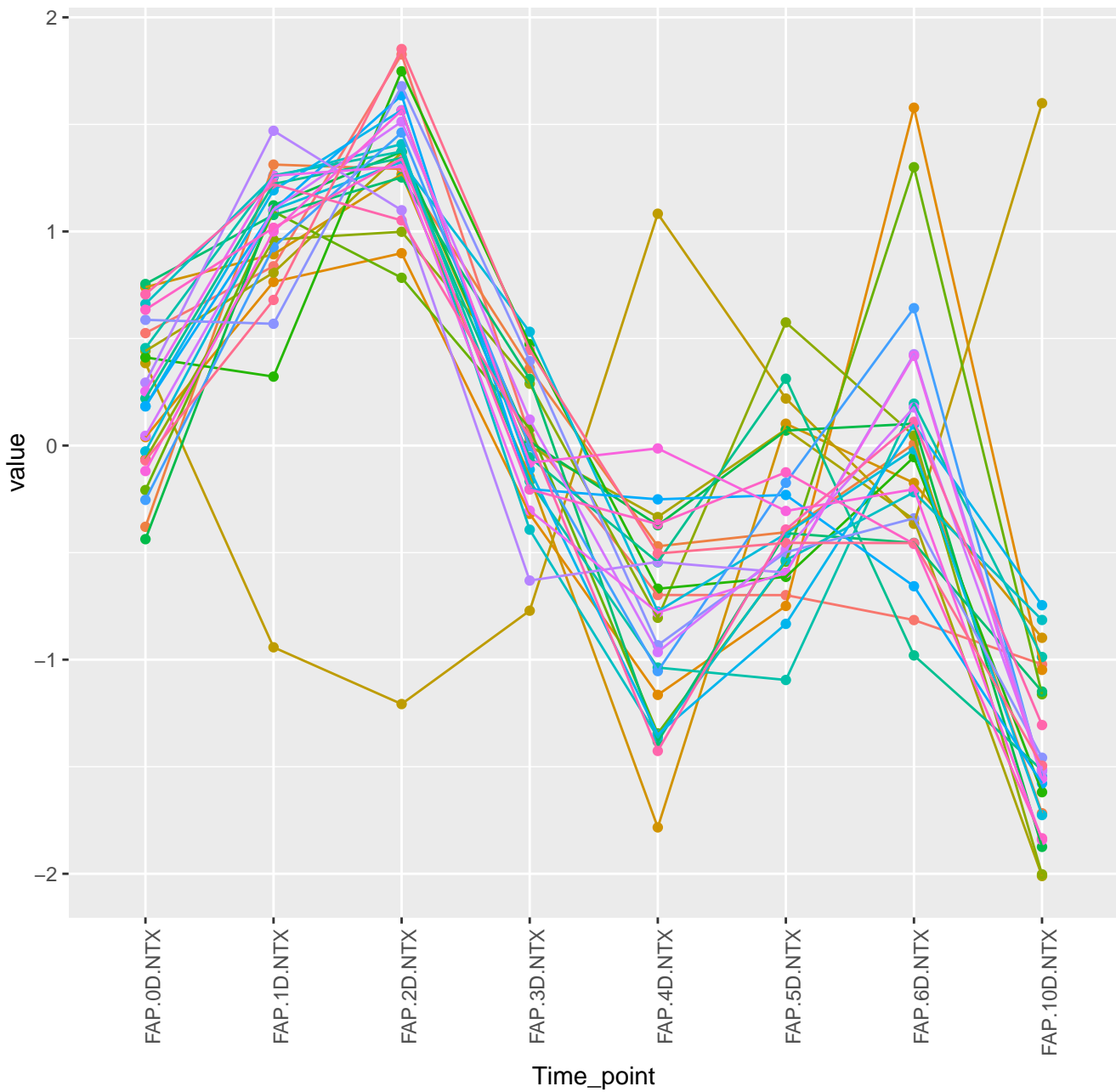
27 genes – cluster 55



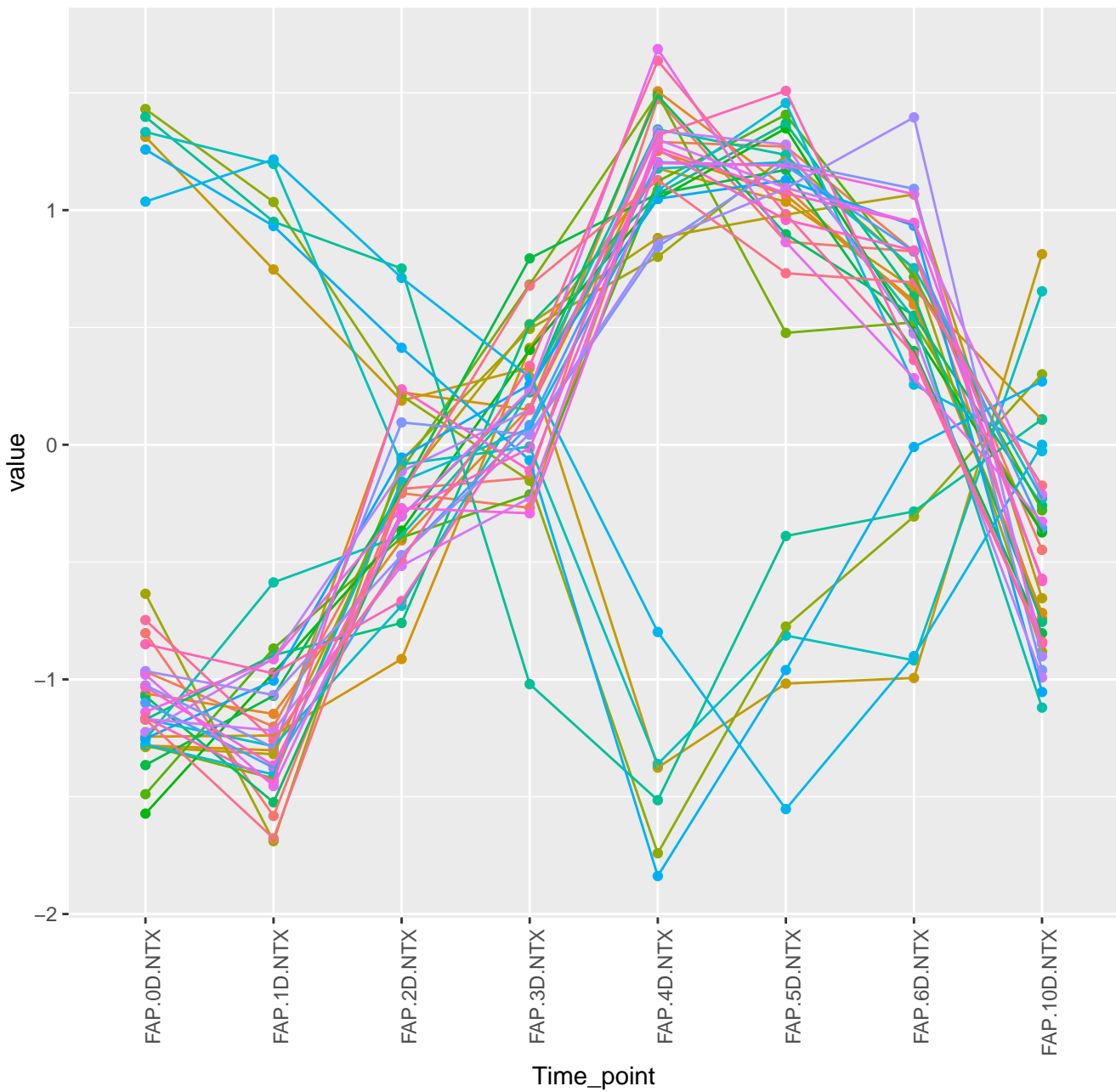
18 genes – cluster 56



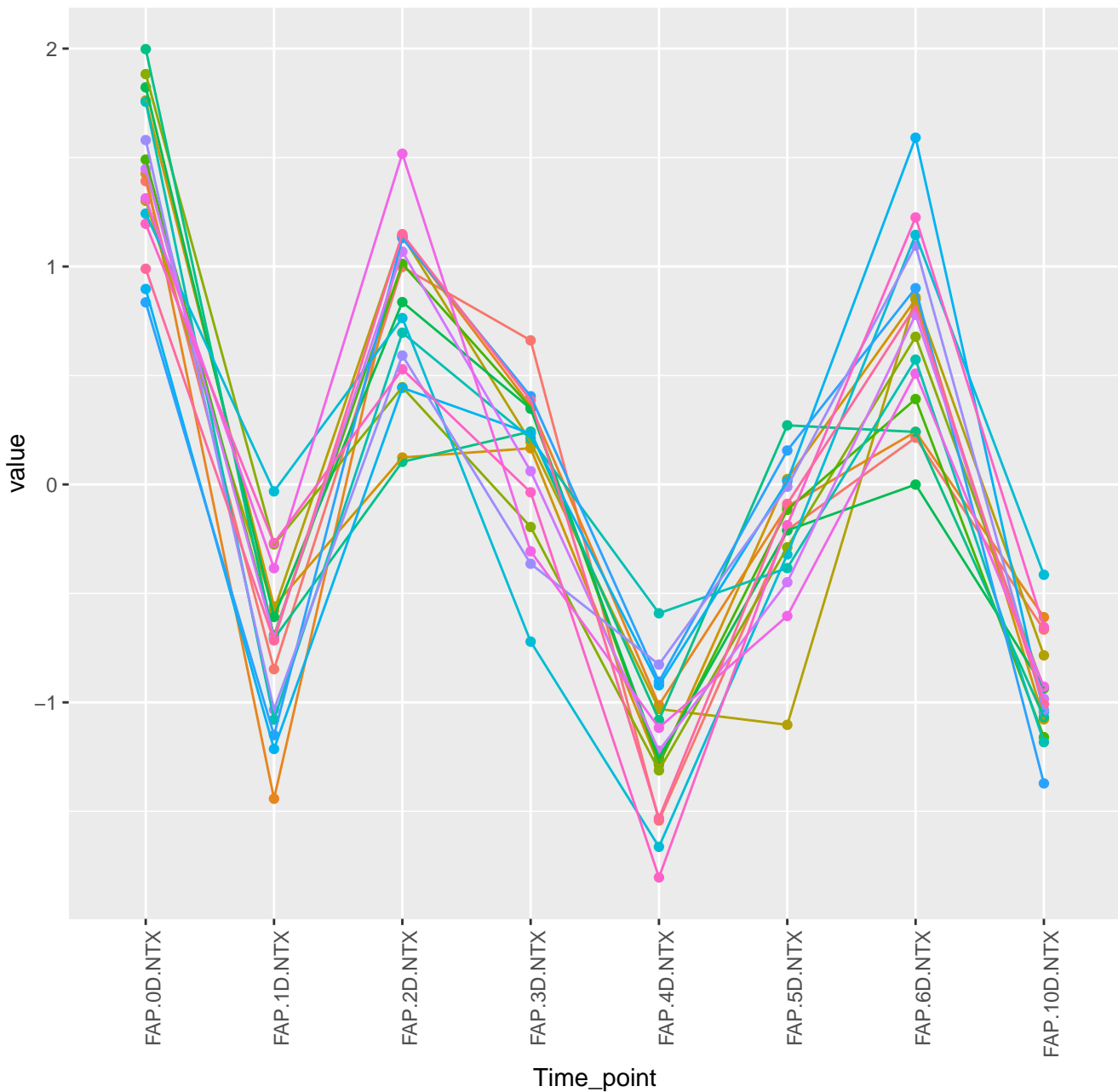
26 genes – cluster 57



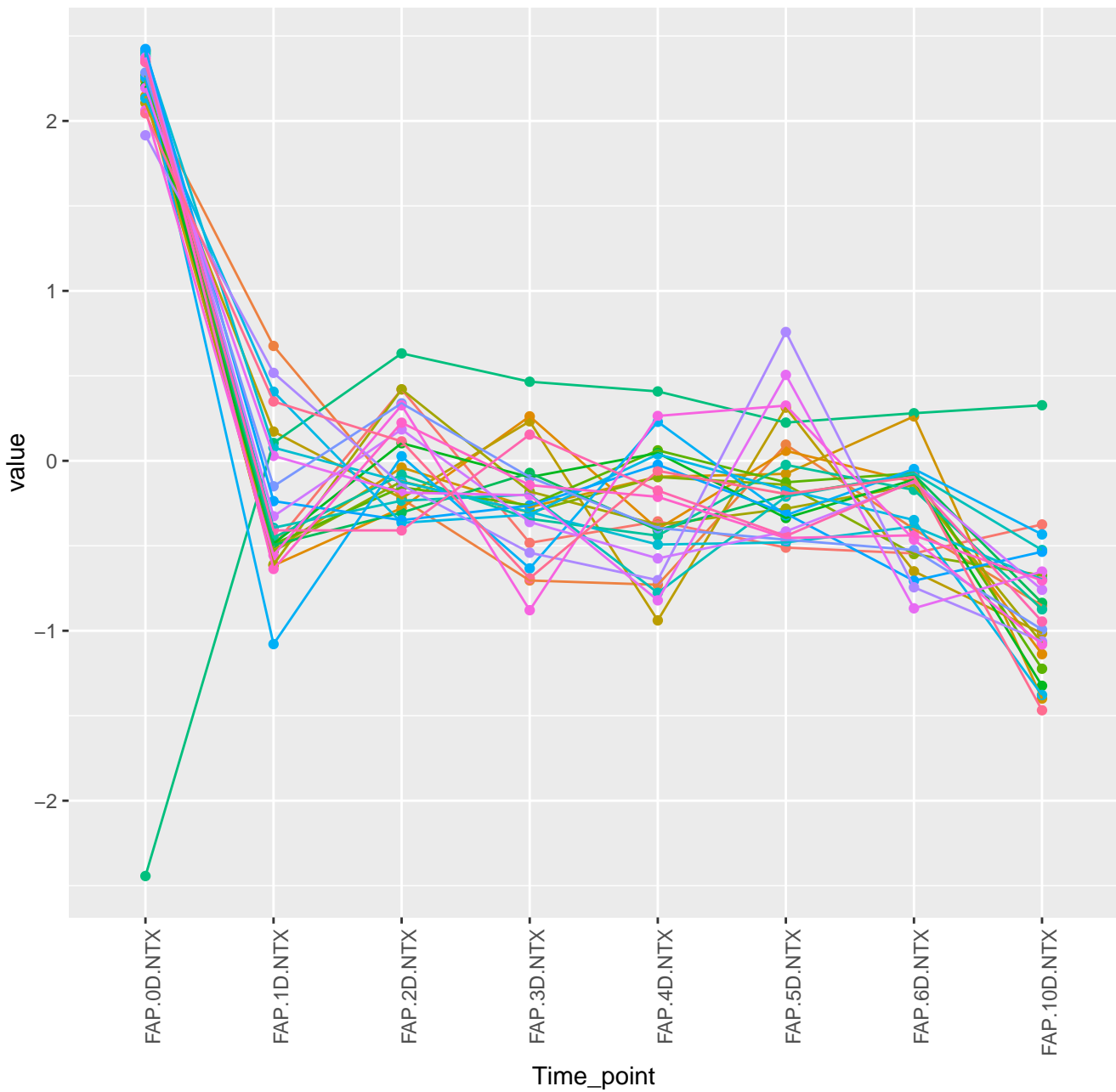
35 genes – cluster 58



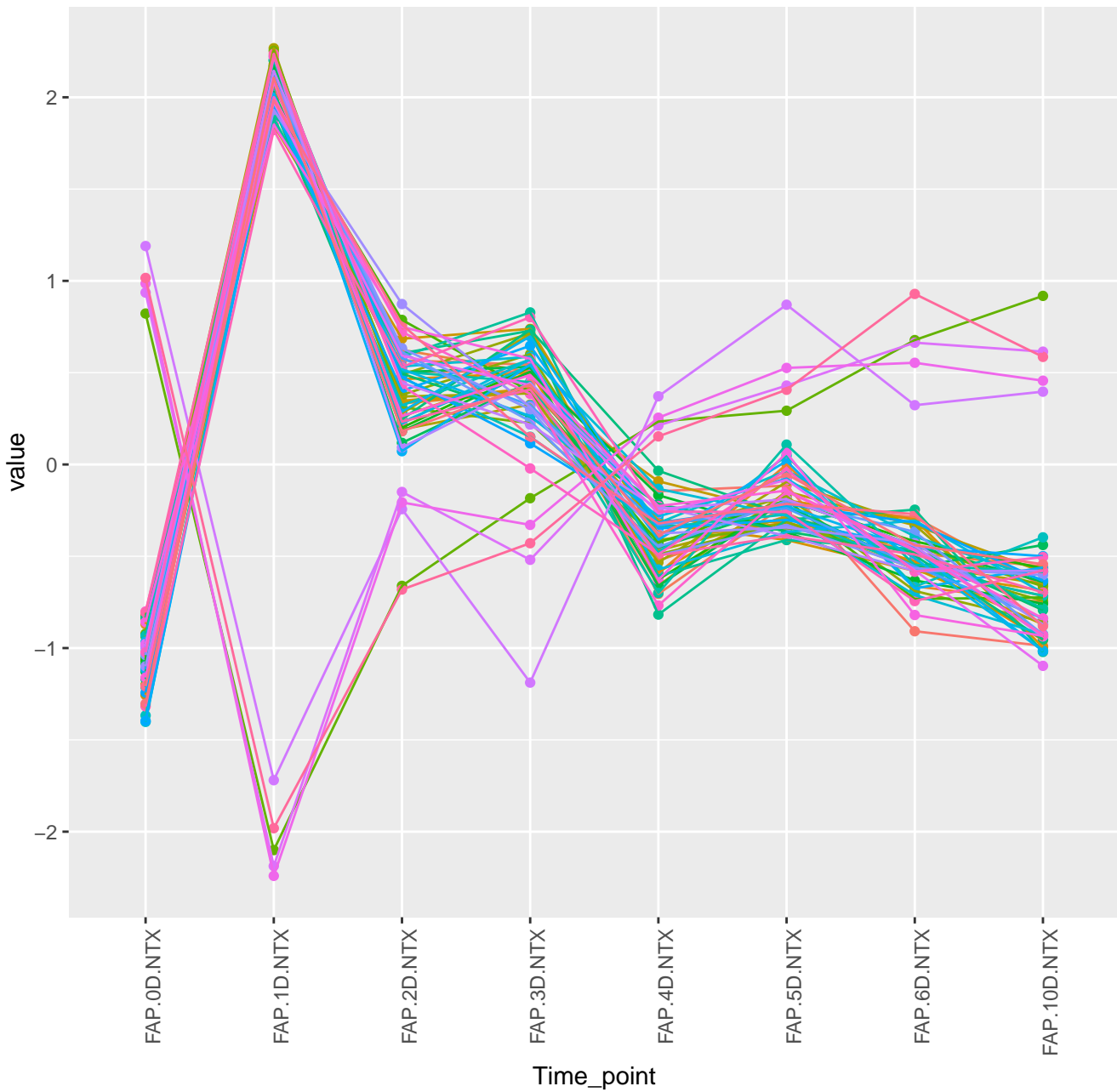
17 genes – cluster 59



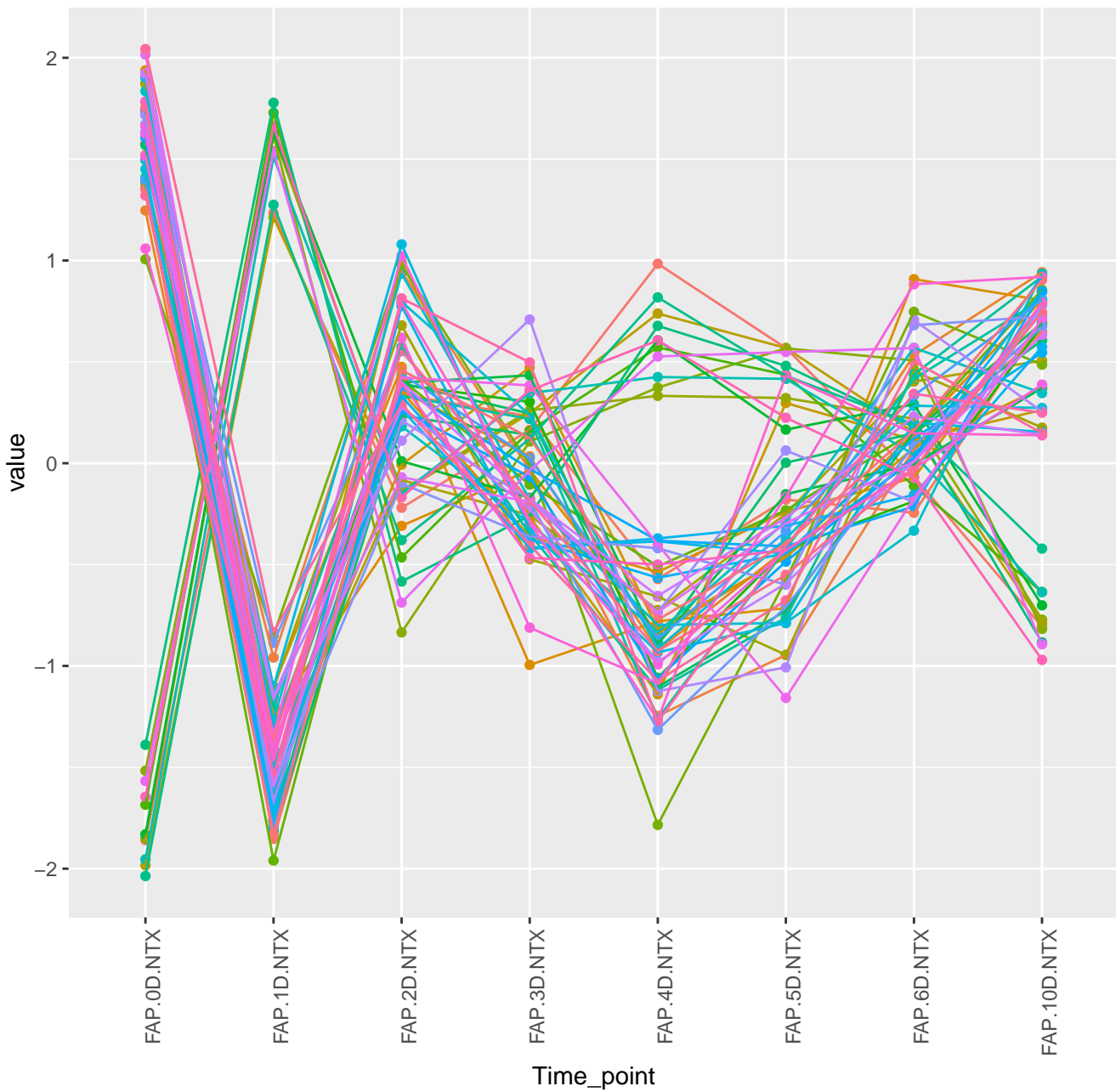
25 genes – cluster 60



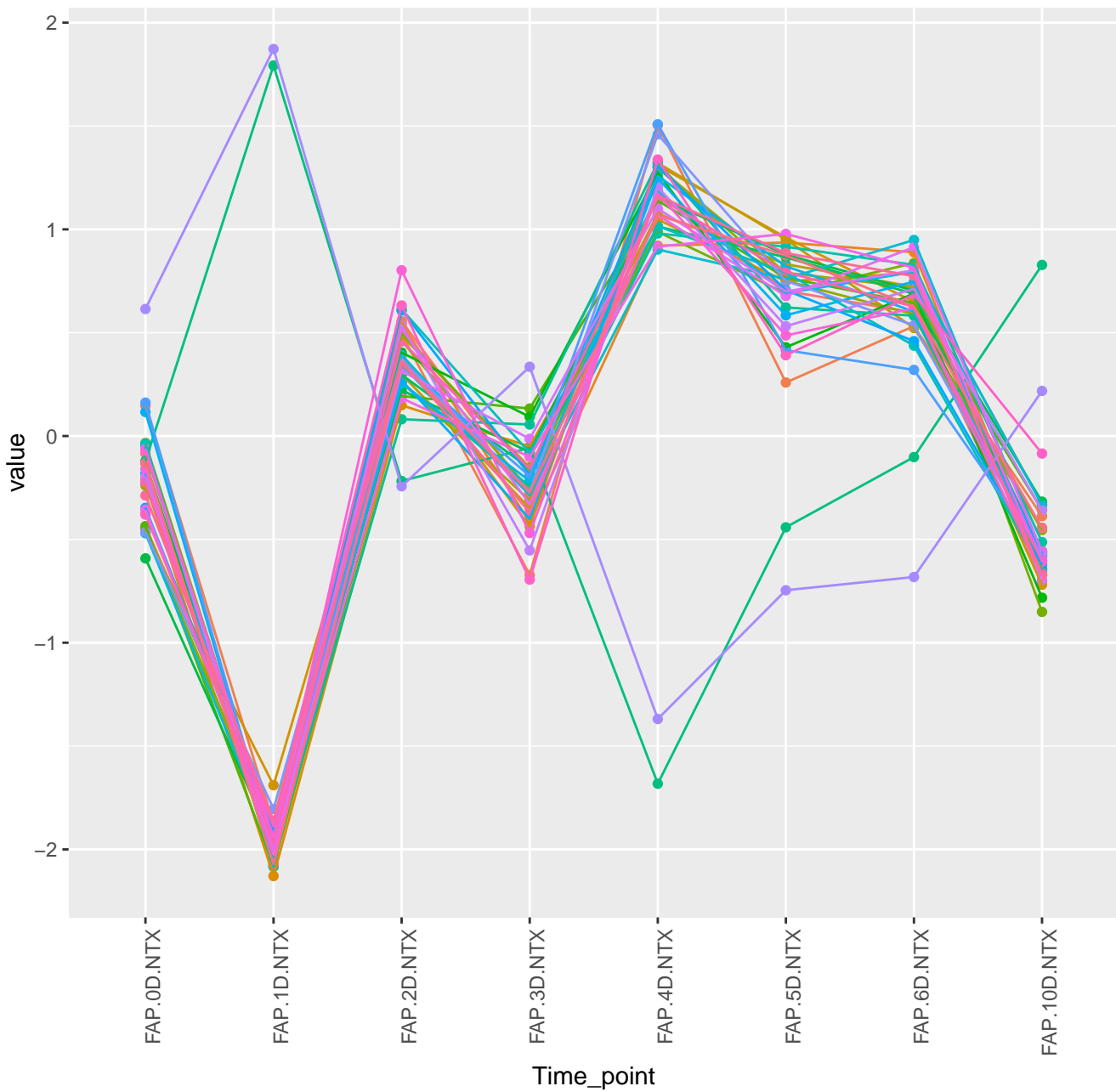
55 genes – cluster 61



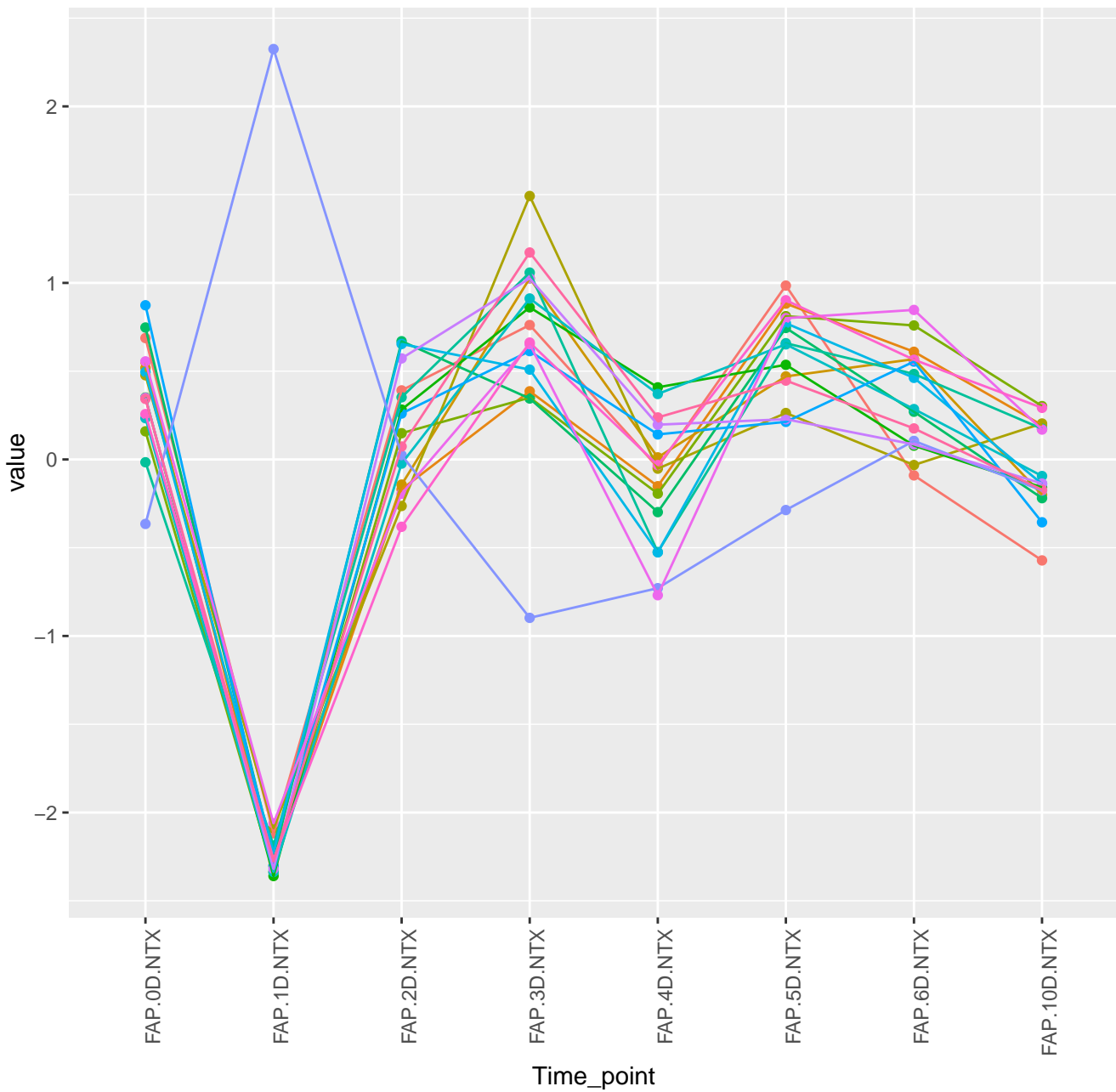
55 genes – cluster 62



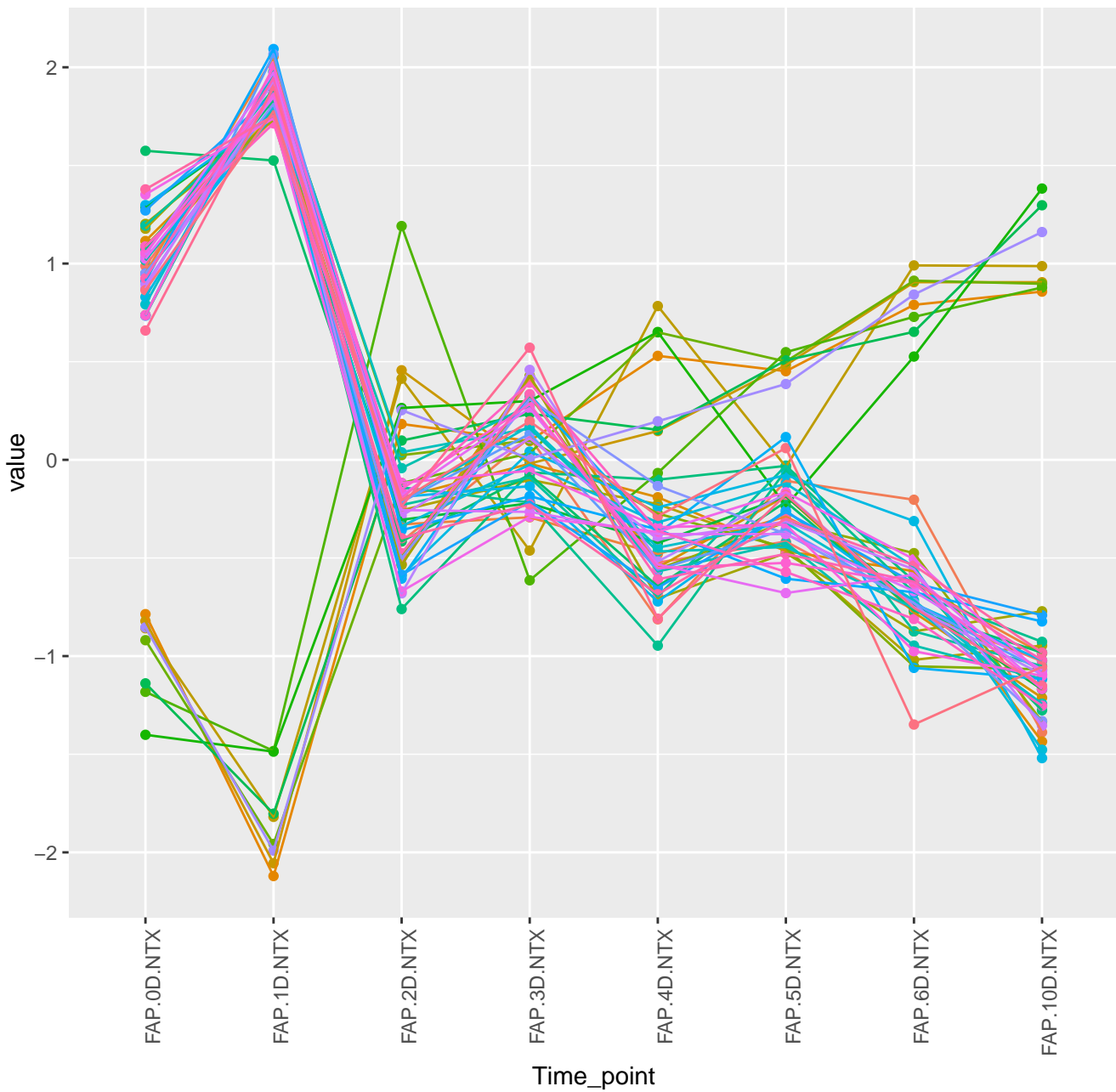
35 genes – cluster 63



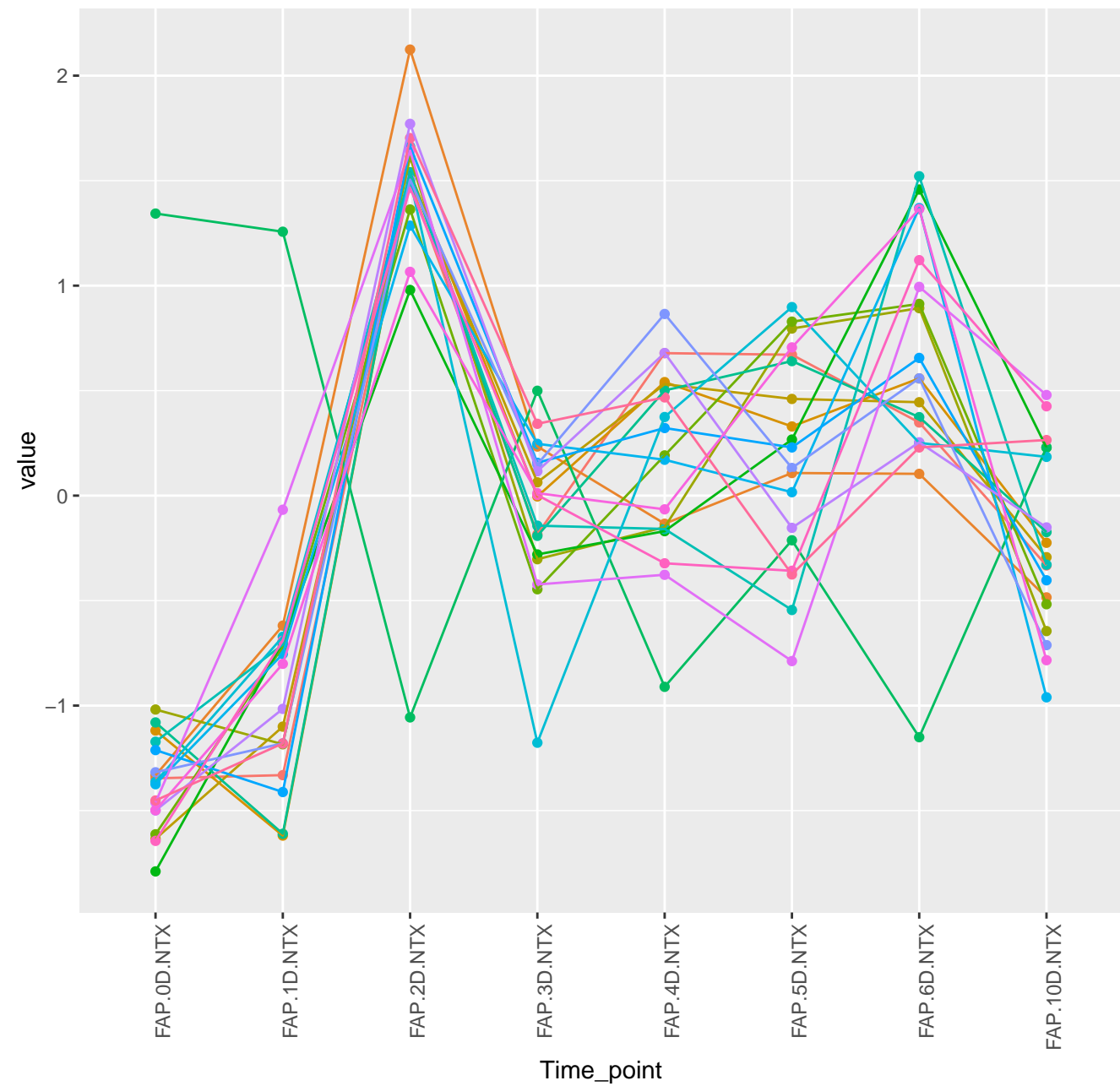
16 genes – cluster 64



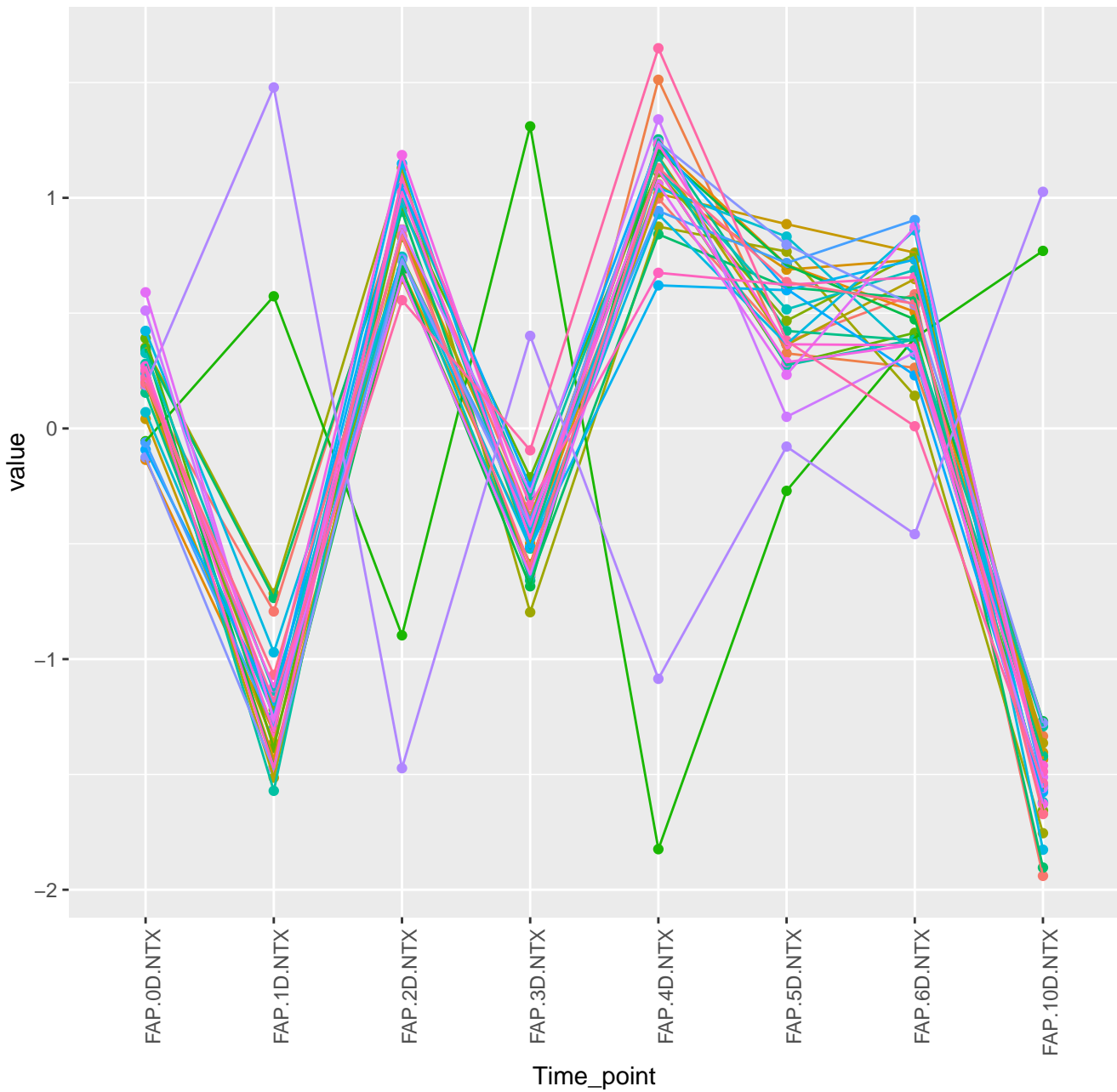
45 genes – cluster 65



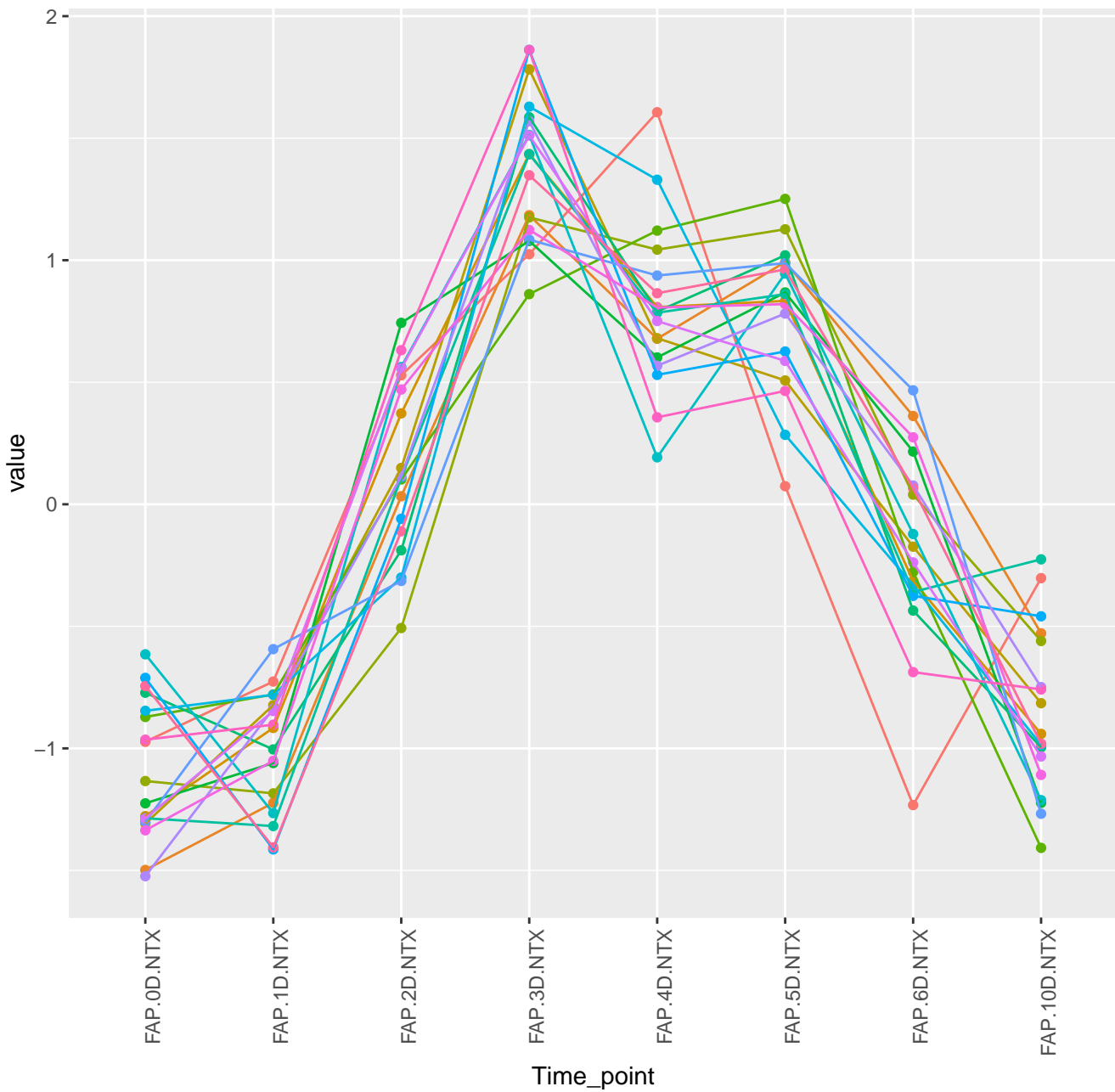
19 genes – cluster 66



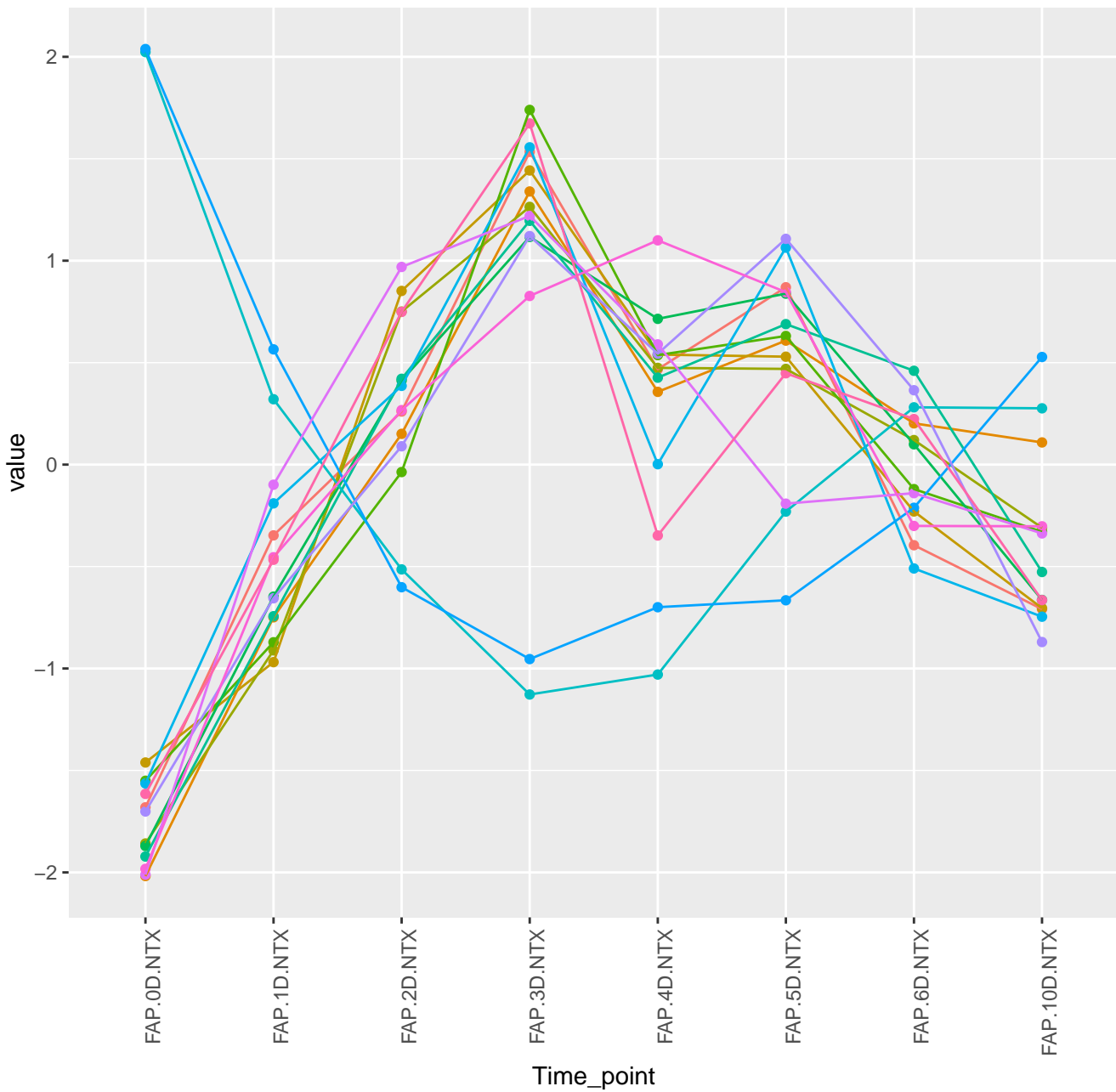
29 genes – cluster 67



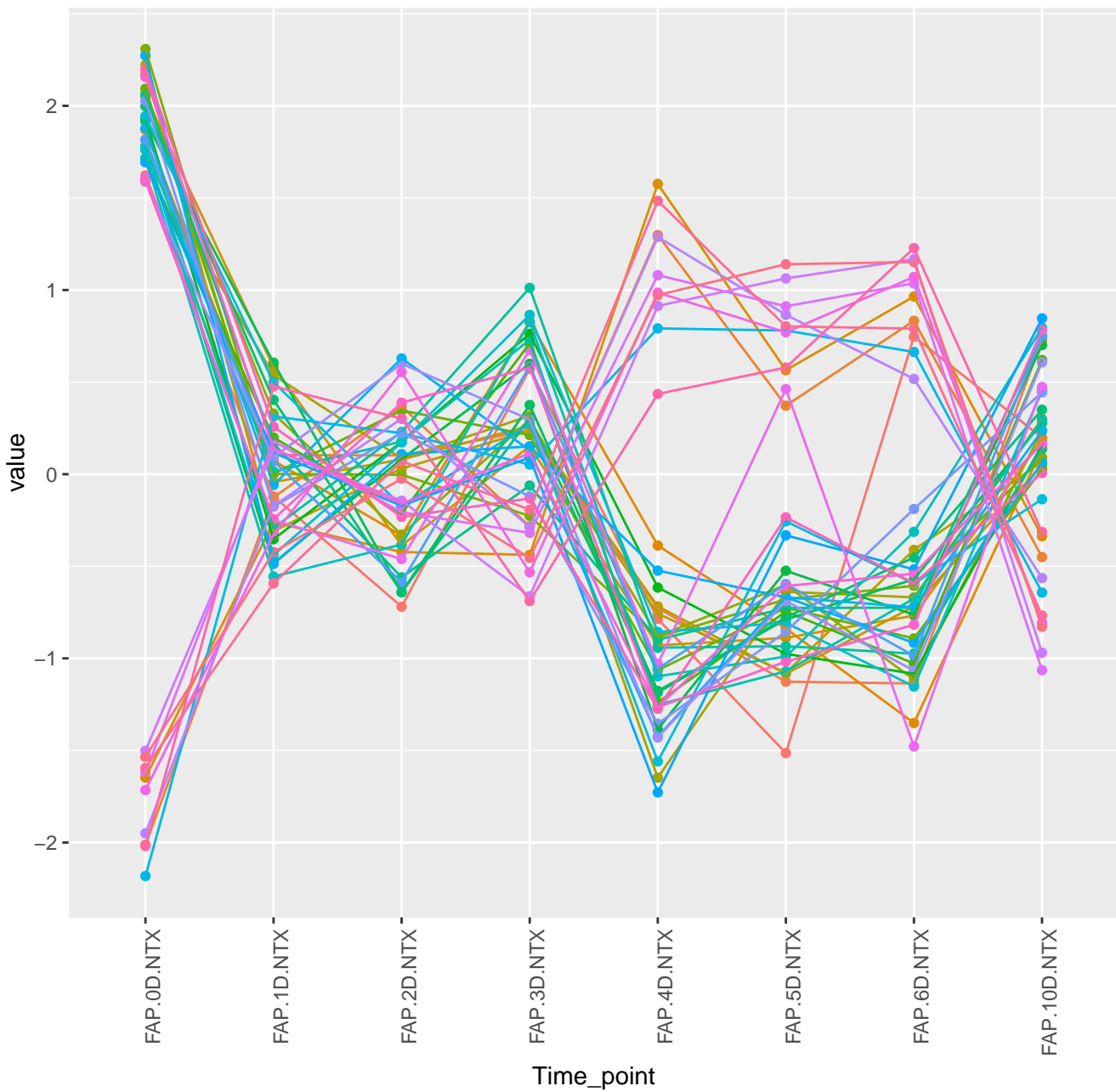
18 genes – cluster 68



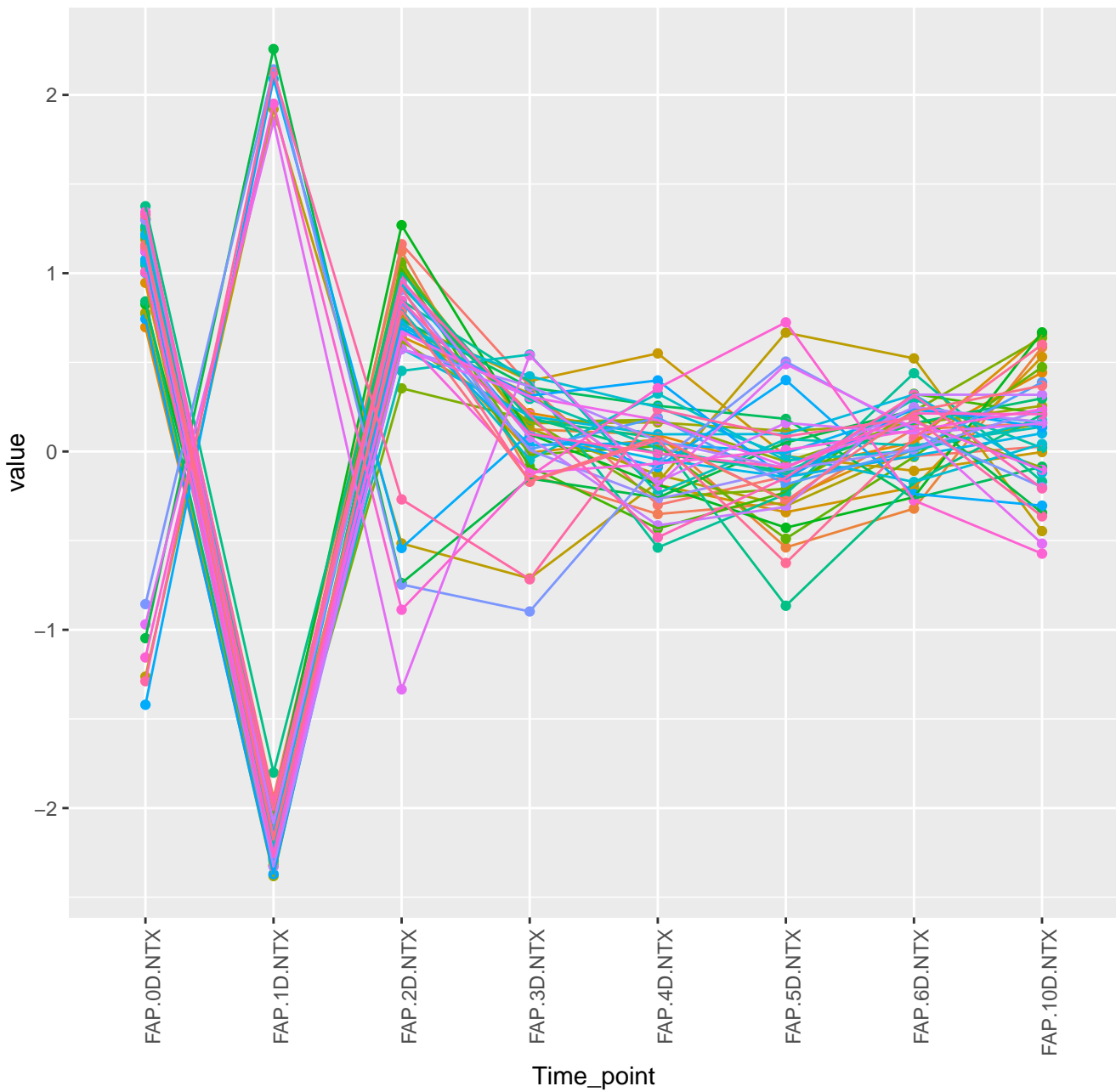
14 genes – cluster 69



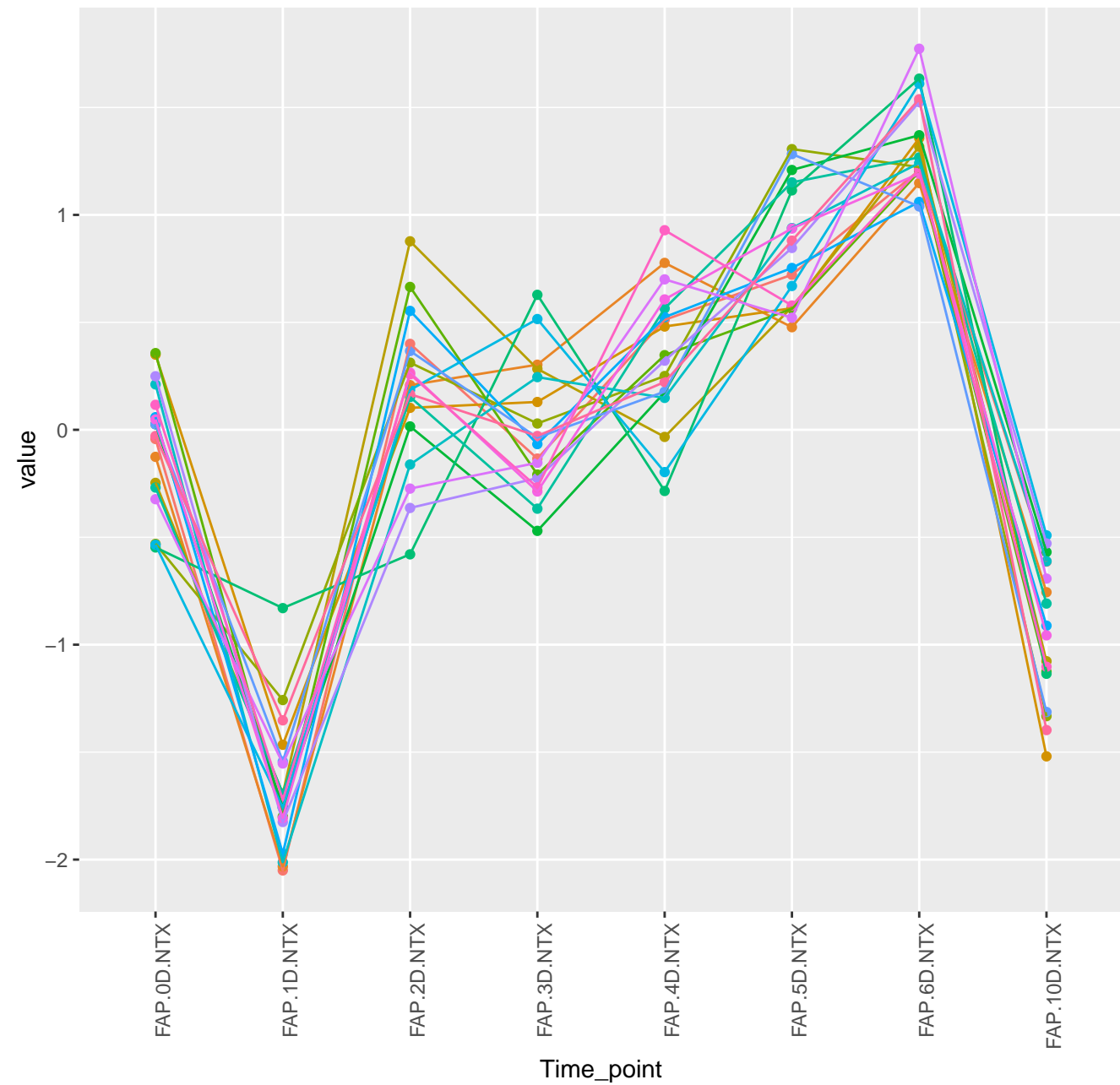
41 genes – cluster 70



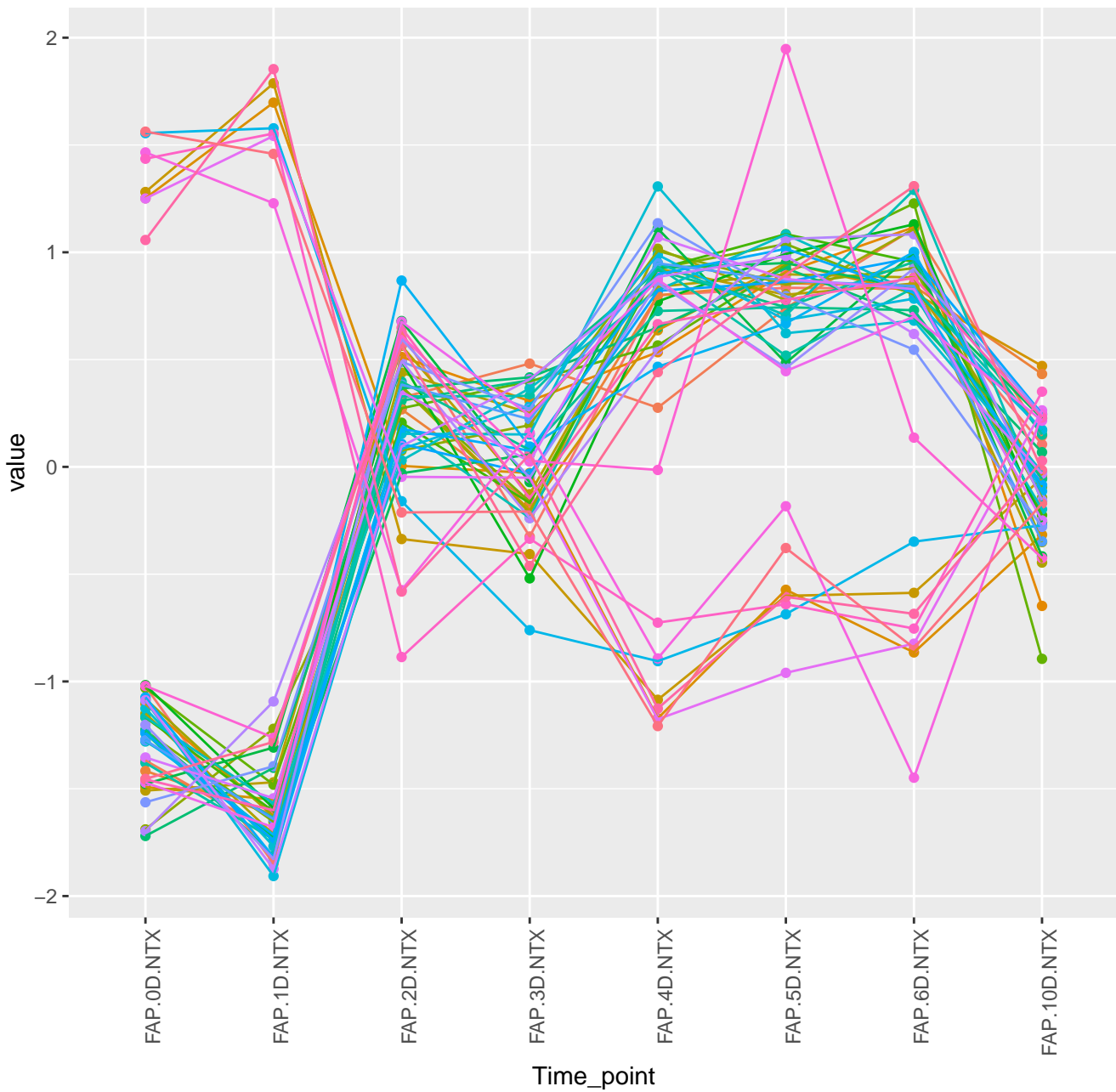
44 genes – cluster 71



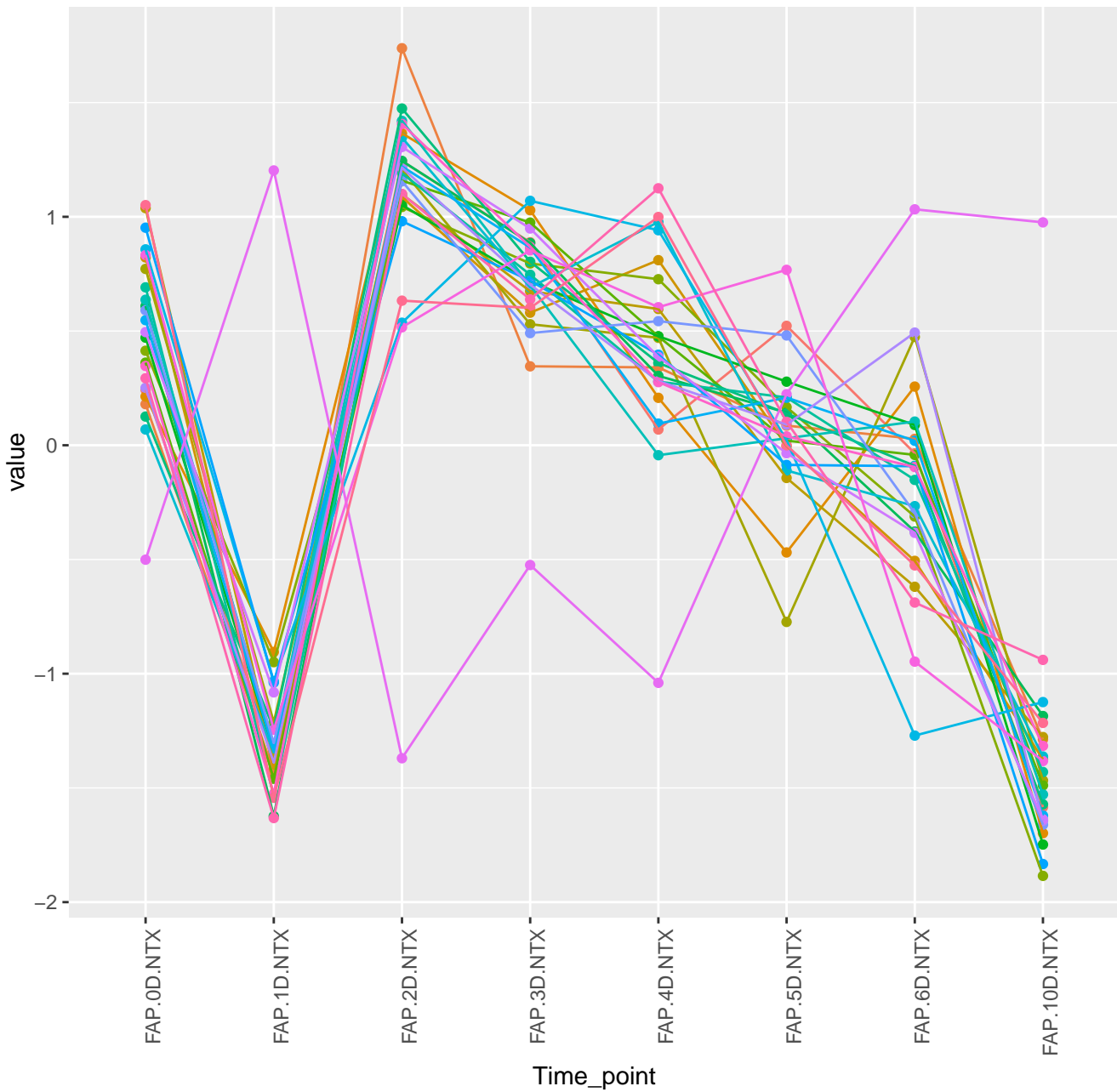
18 genes – cluster 72



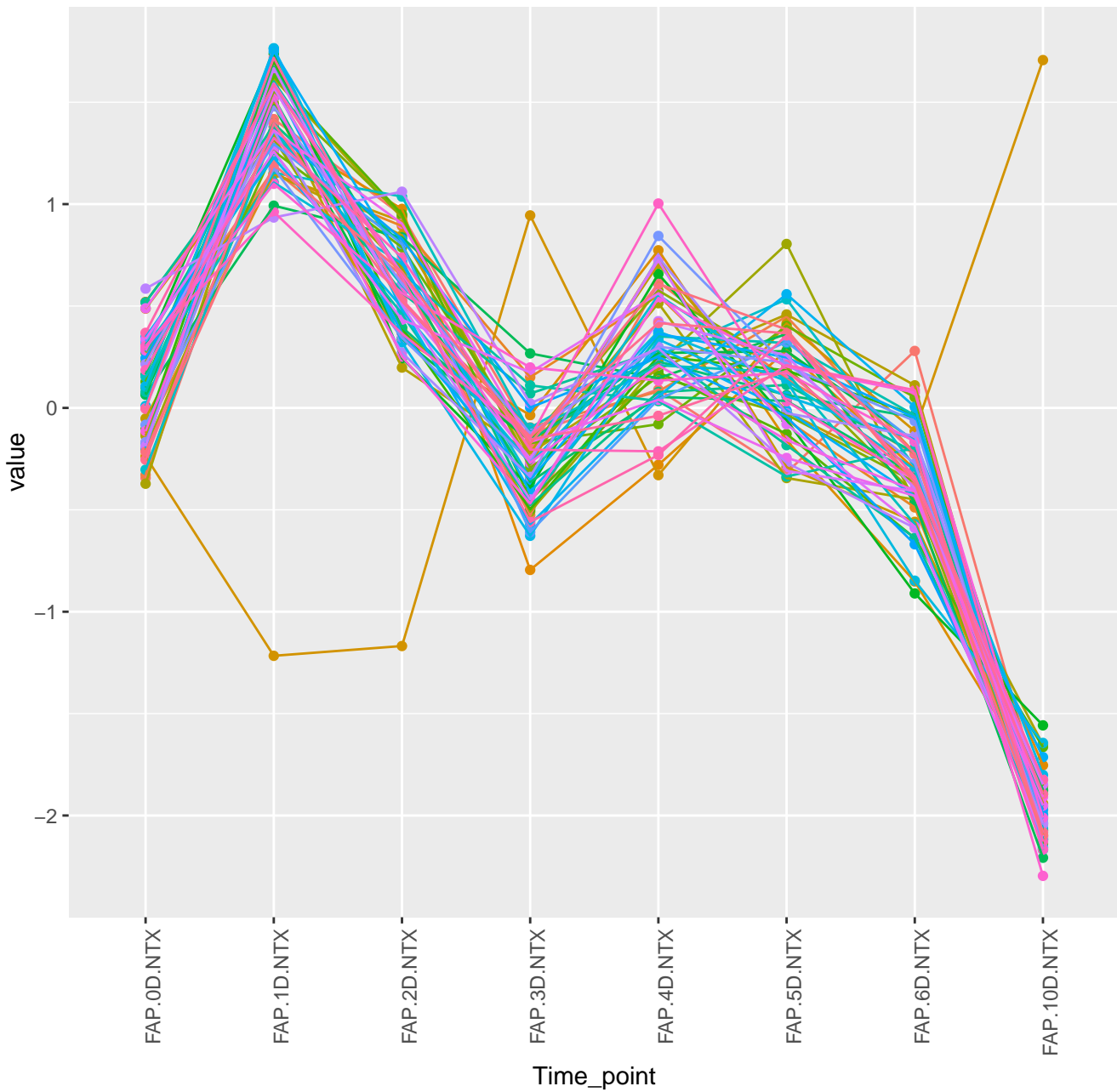
44 genes – cluster 73



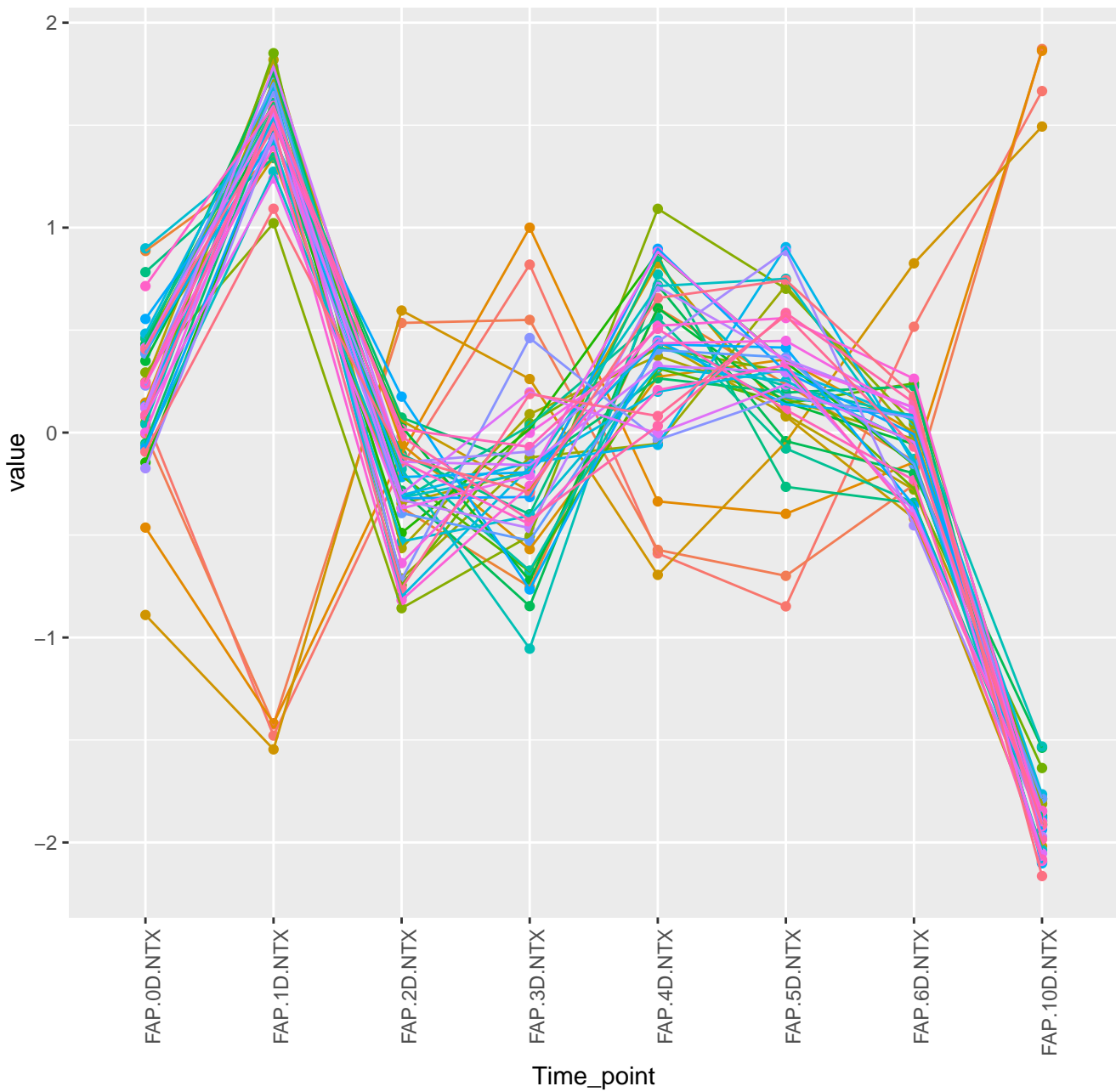
25 genes – cluster 74



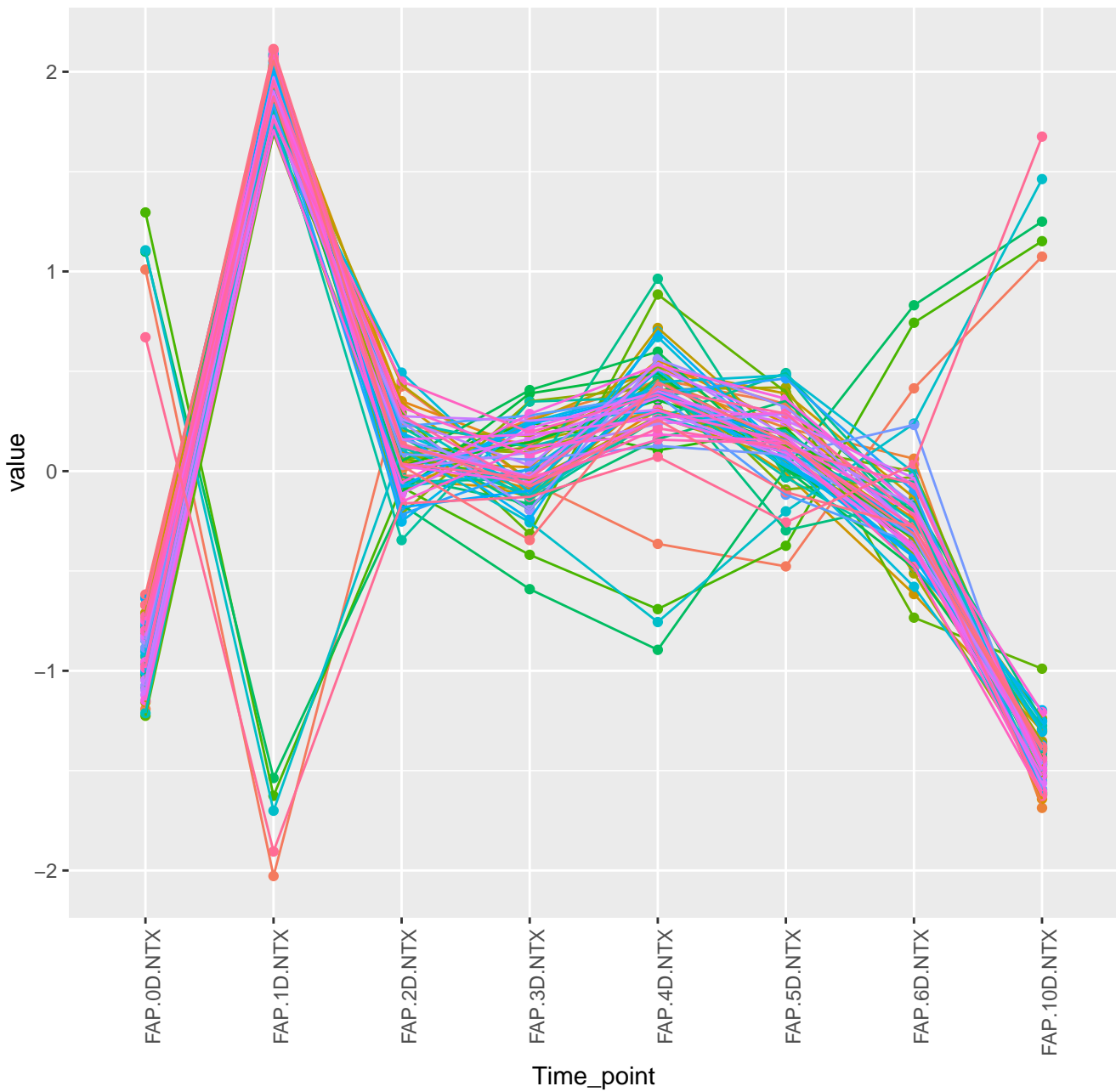
53 genes – cluster 75



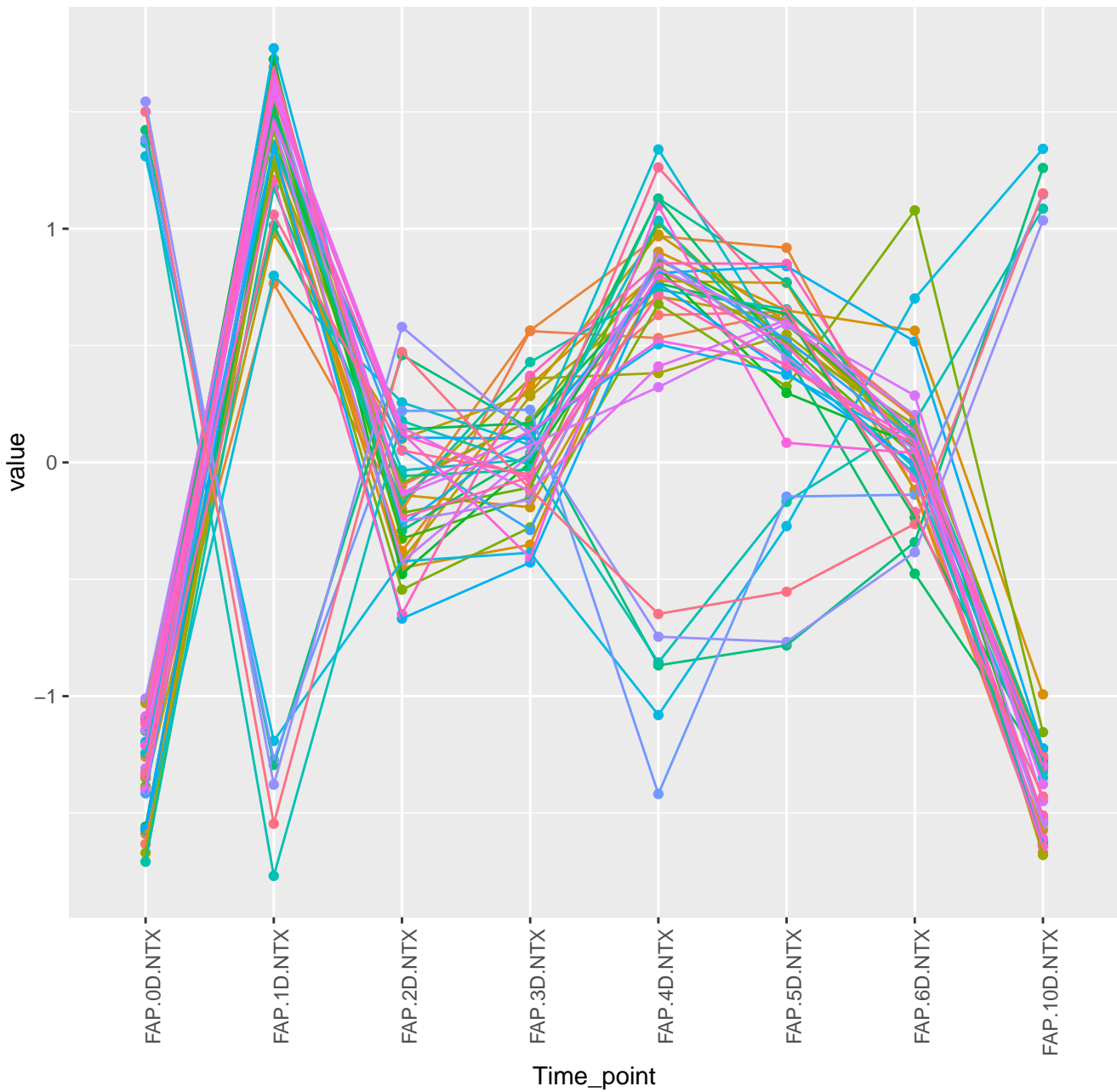
42 genes – cluster 76



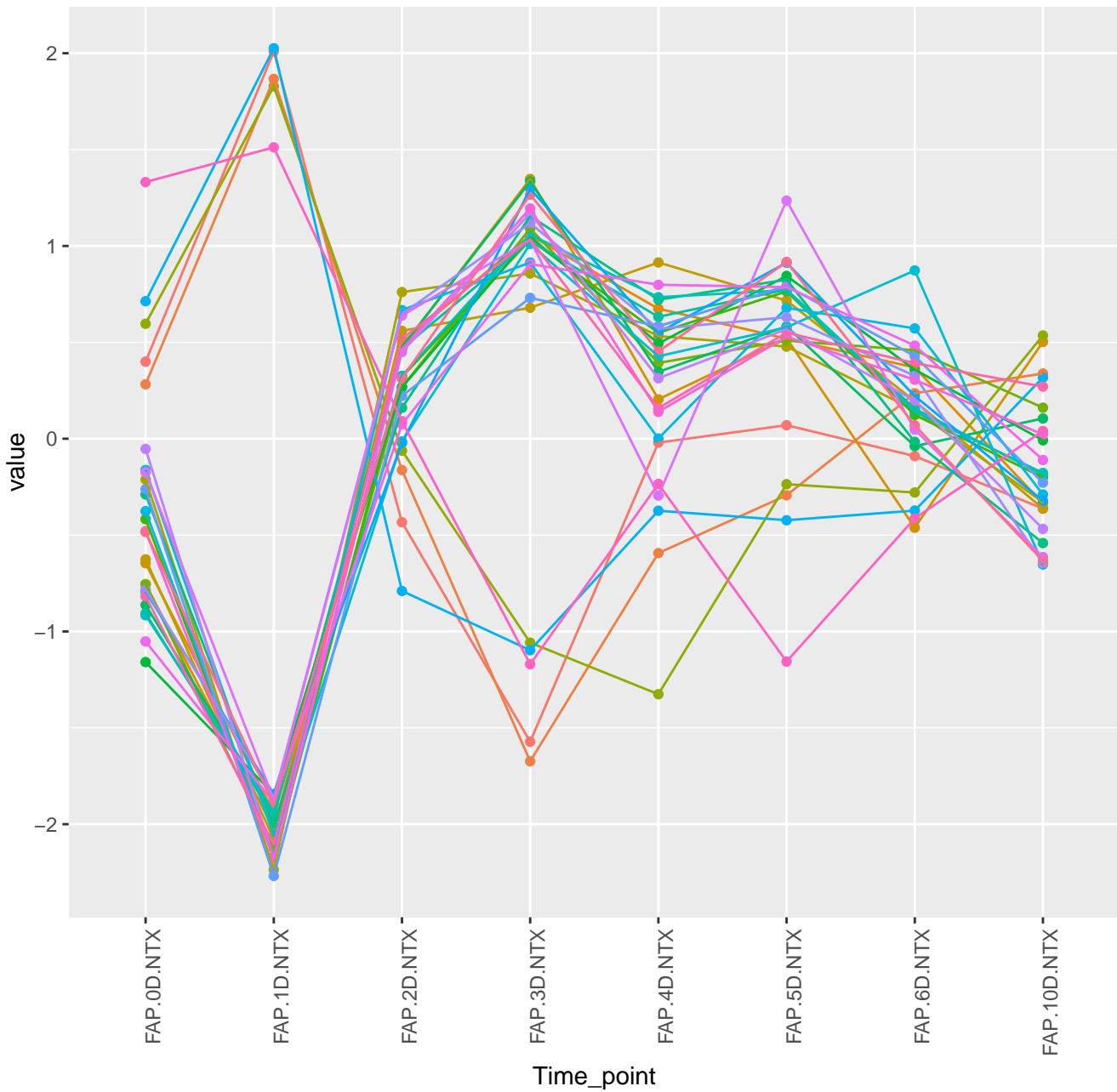
65 genes – cluster 77



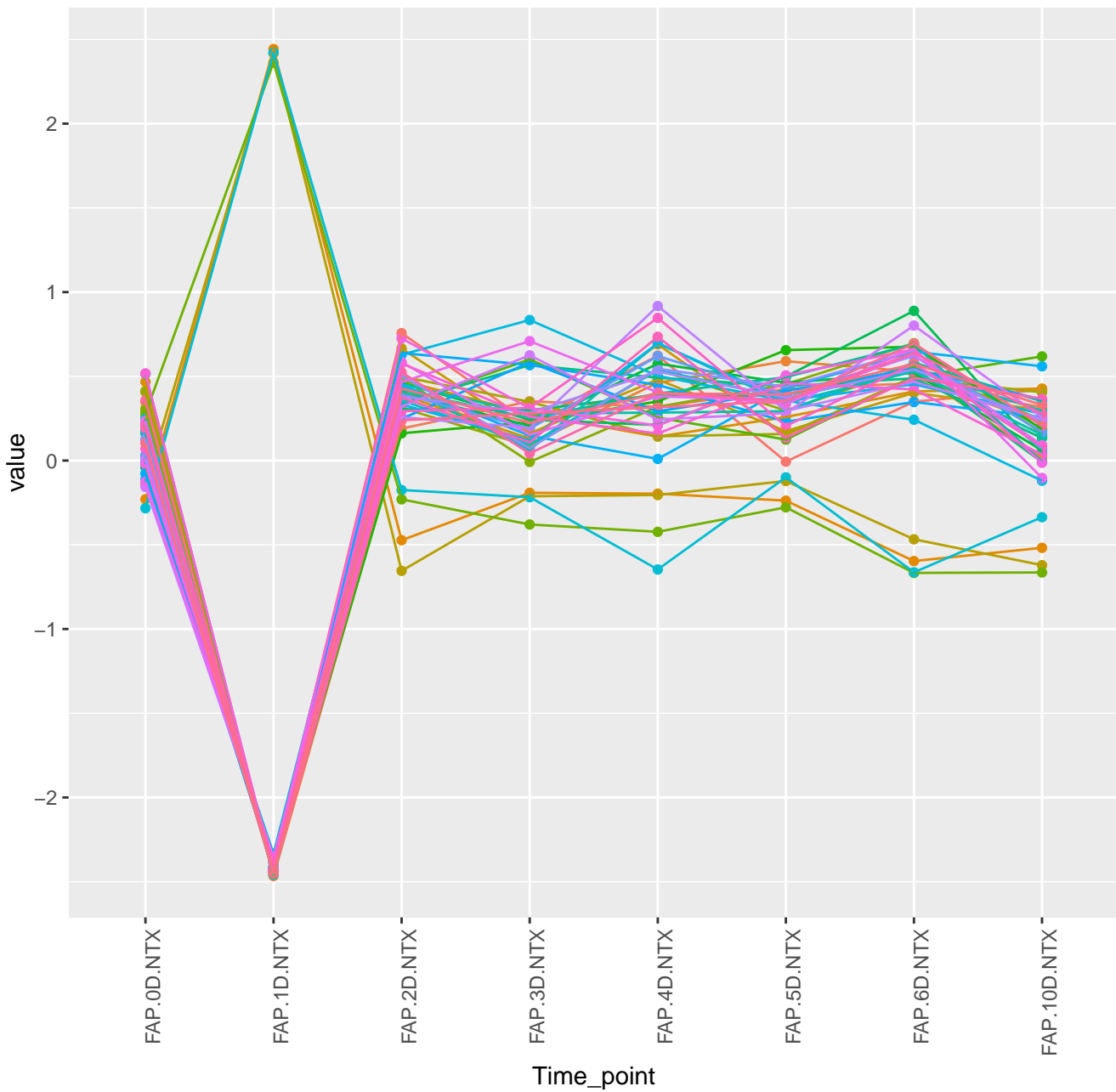
40 genes – cluster 78



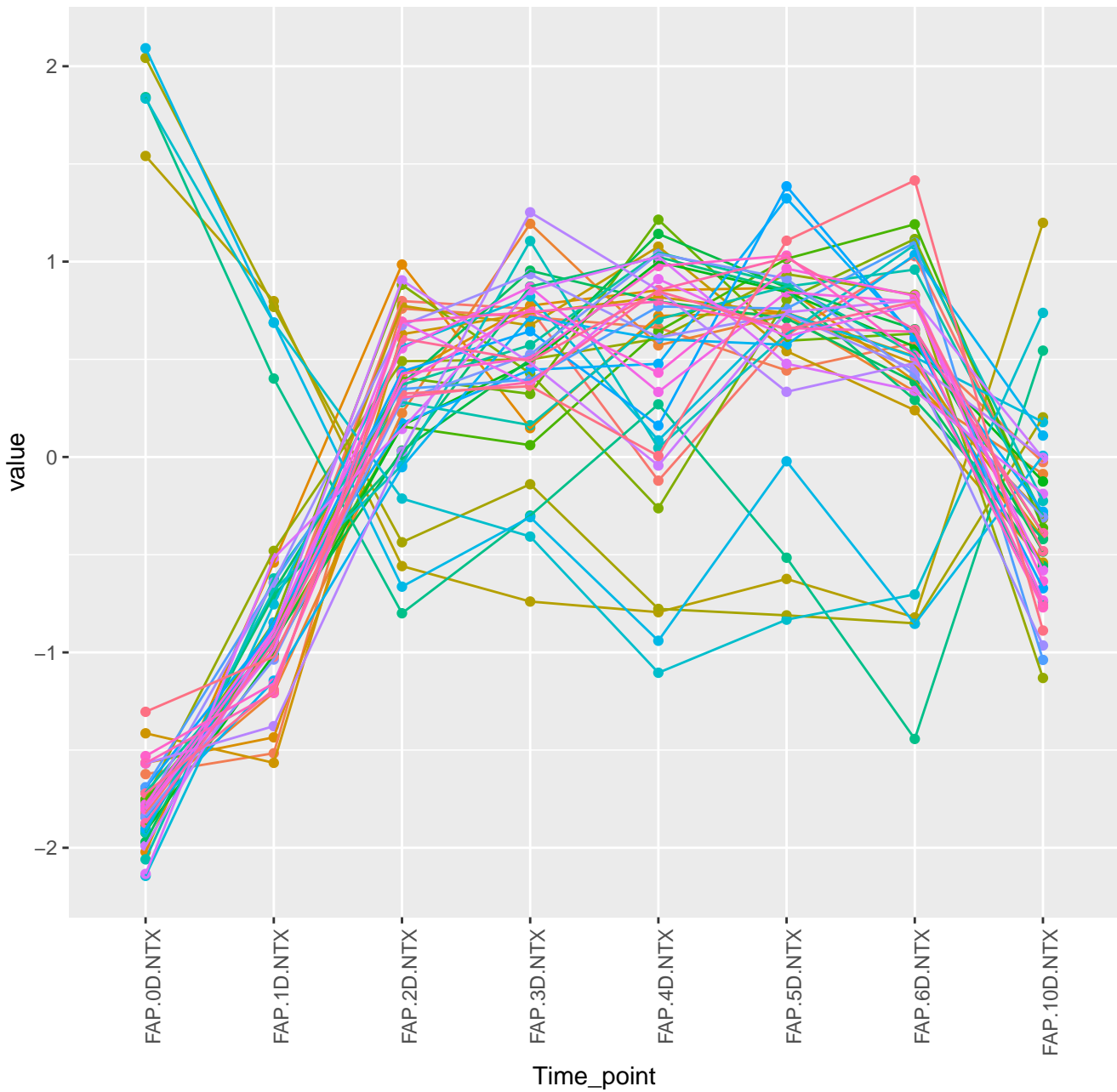
27 genes – cluster 79



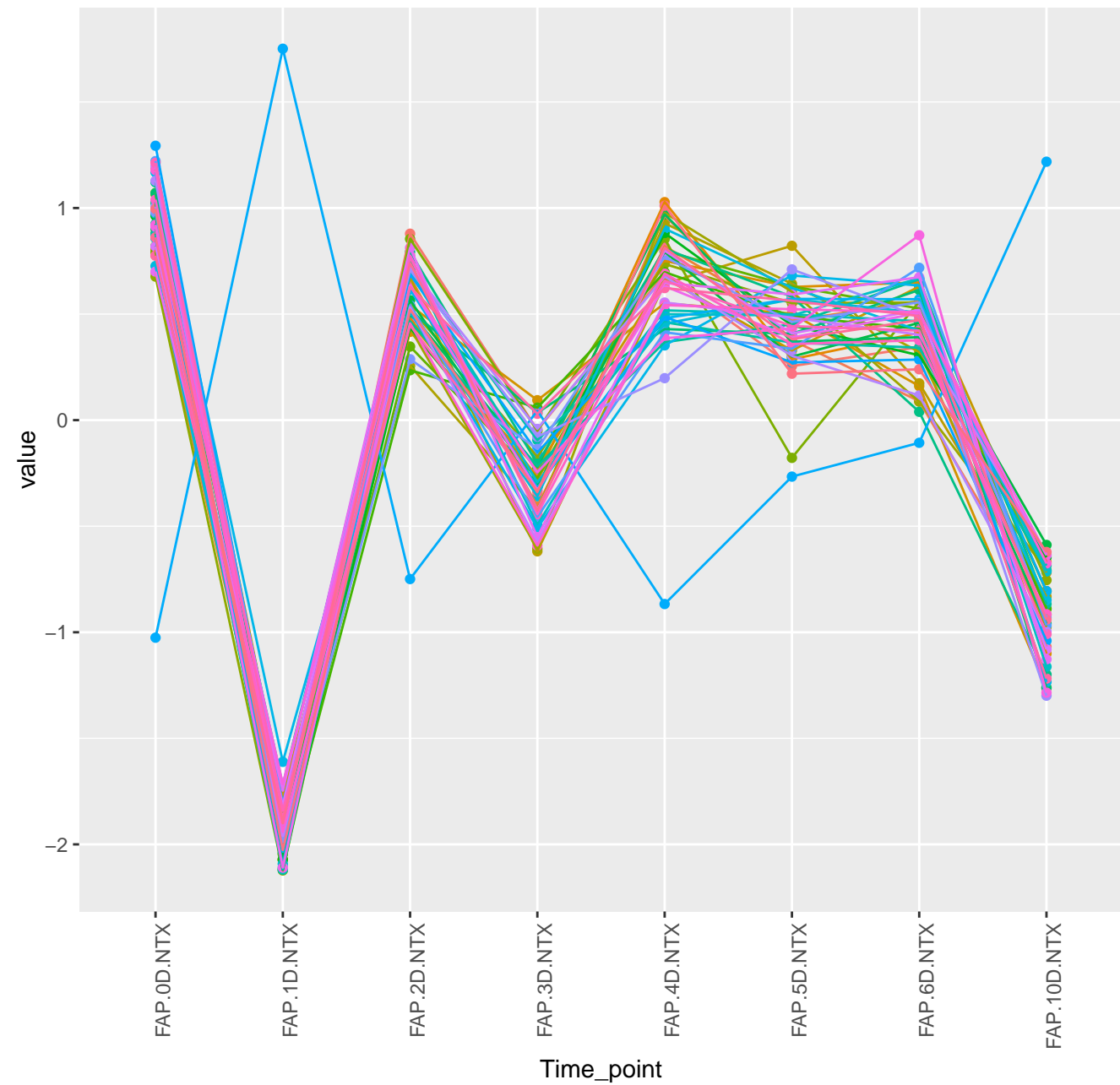
42 genes – cluster 80



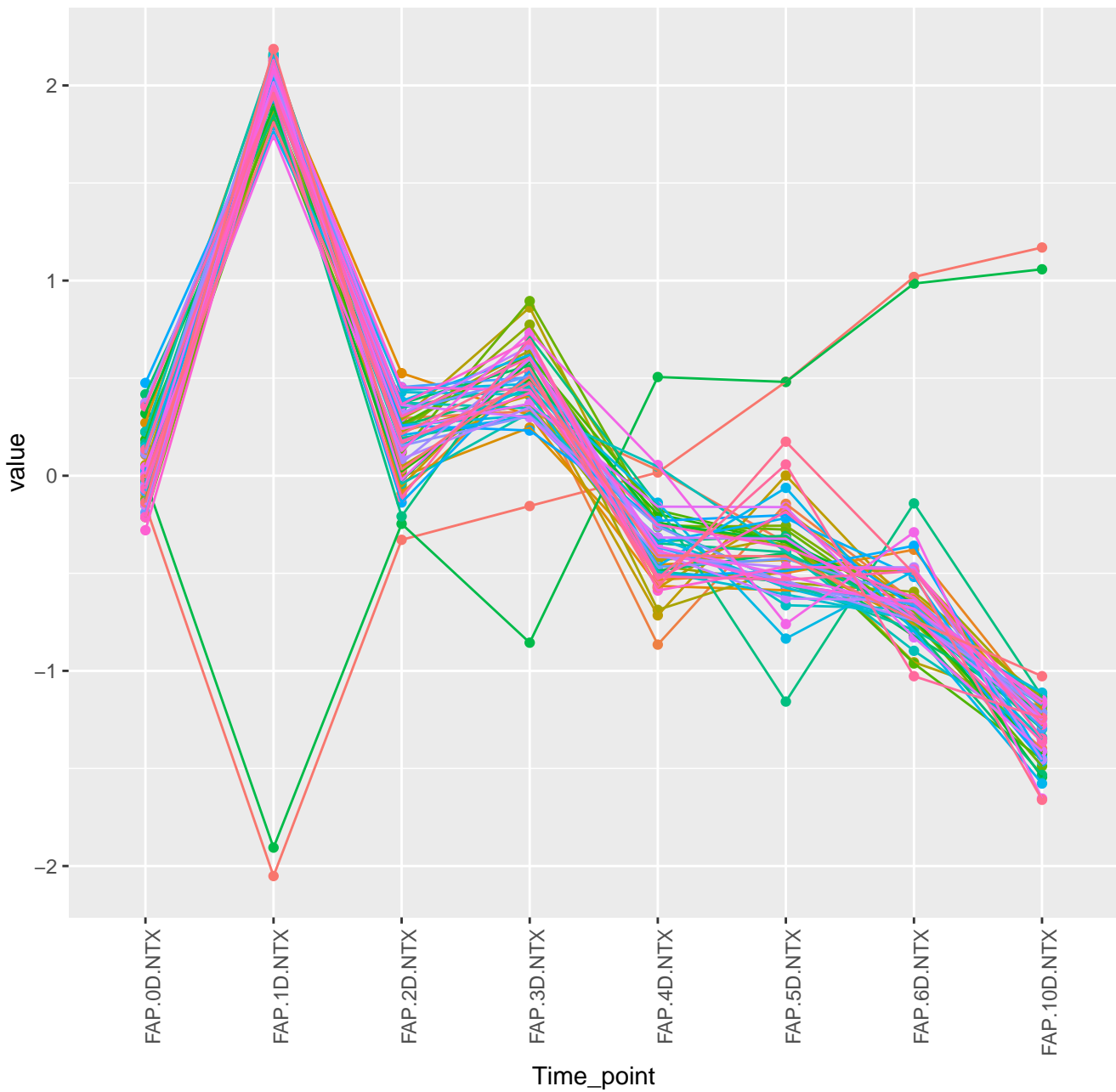
41 genes – cluster 81



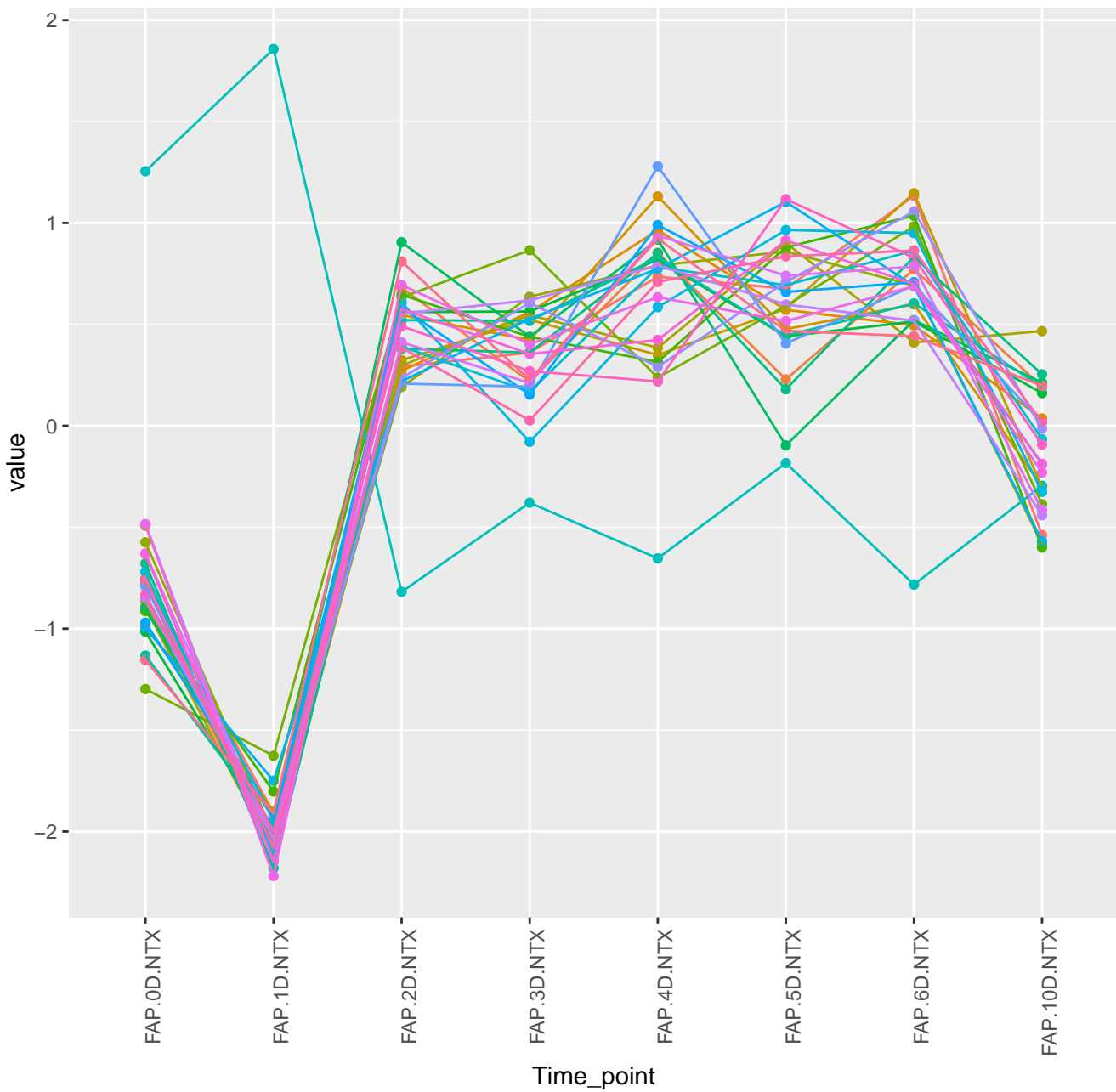
44 genes – cluster 82



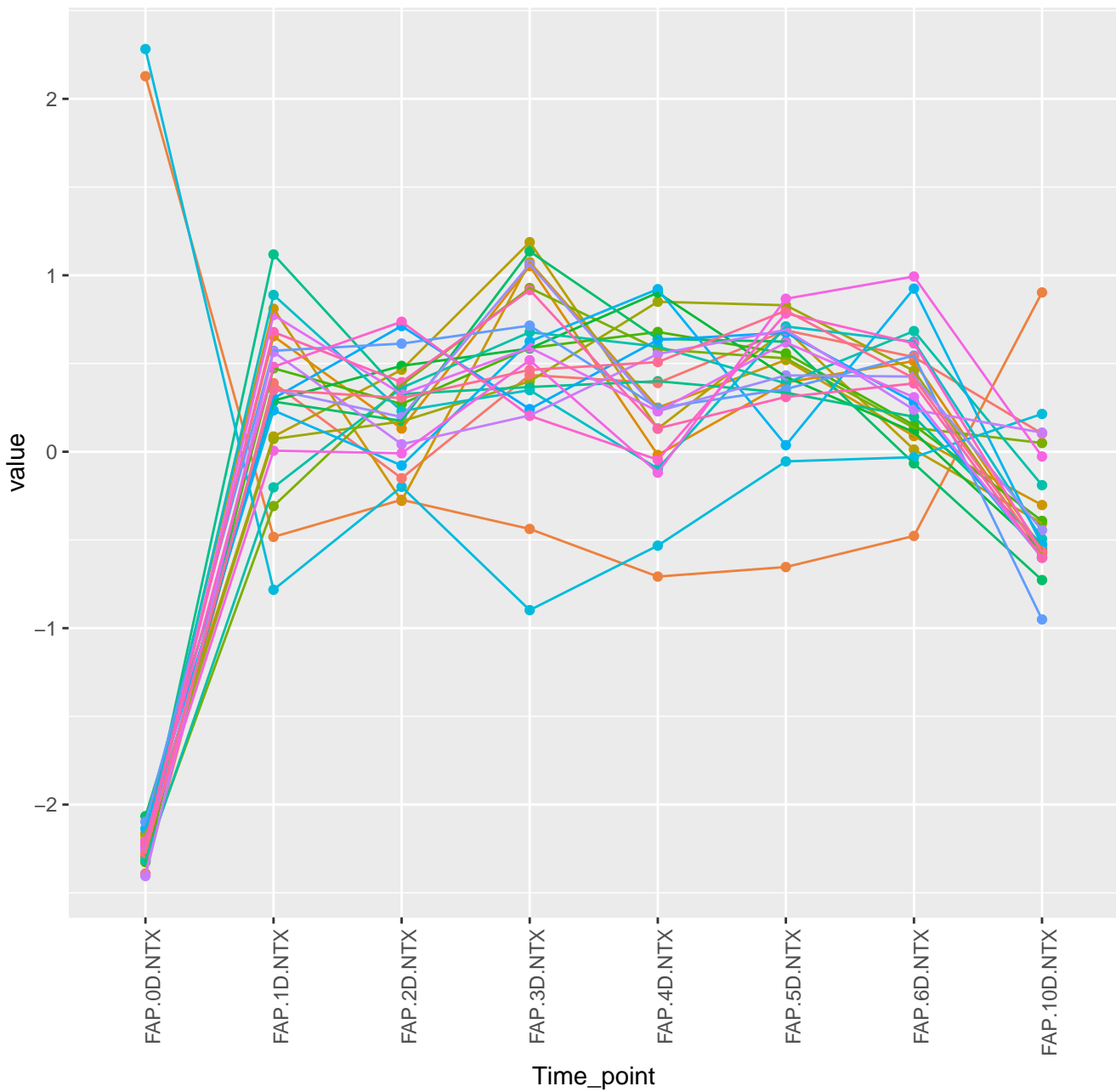
52 genes – cluster 83



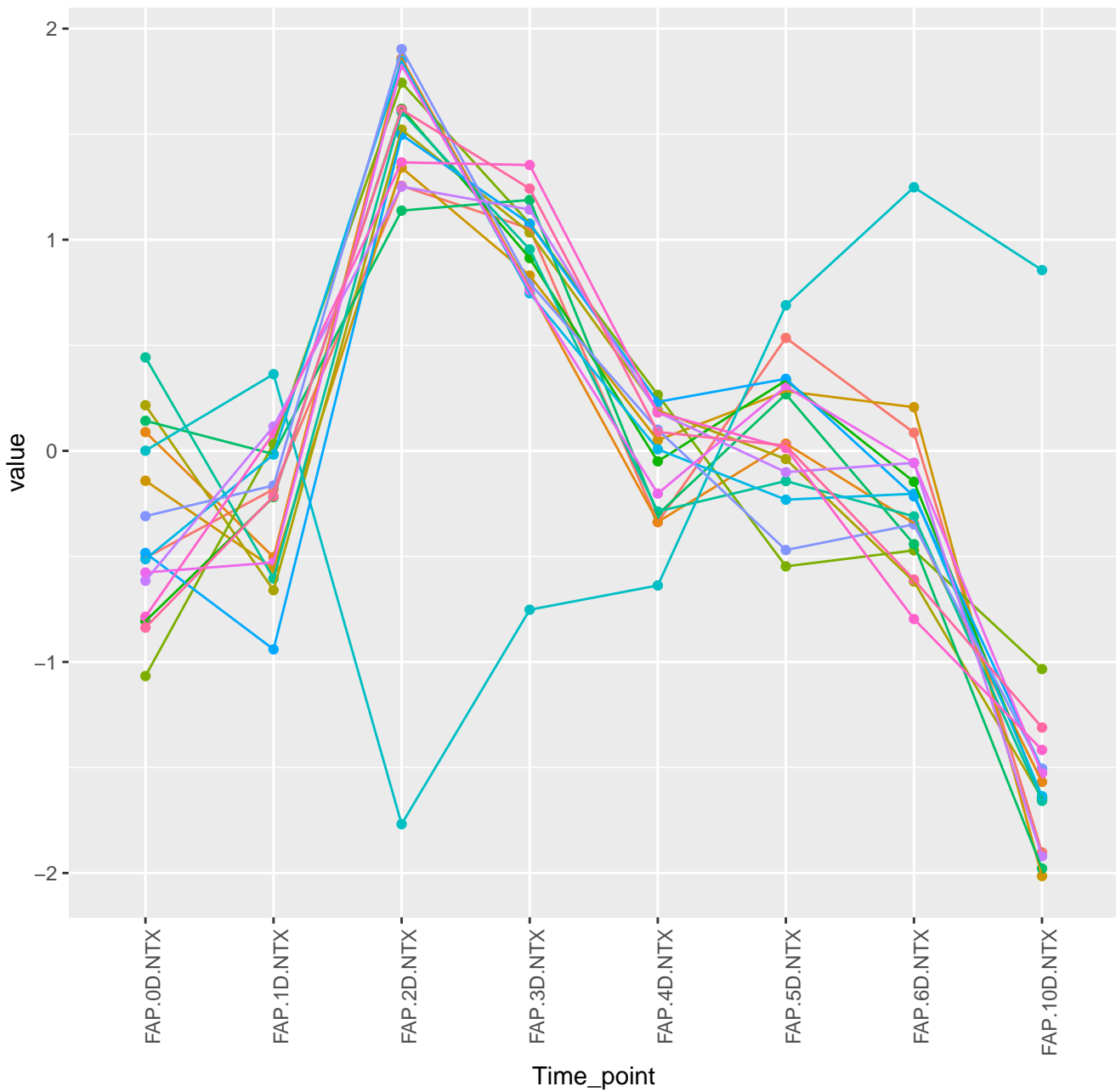
27 genes – cluster 84



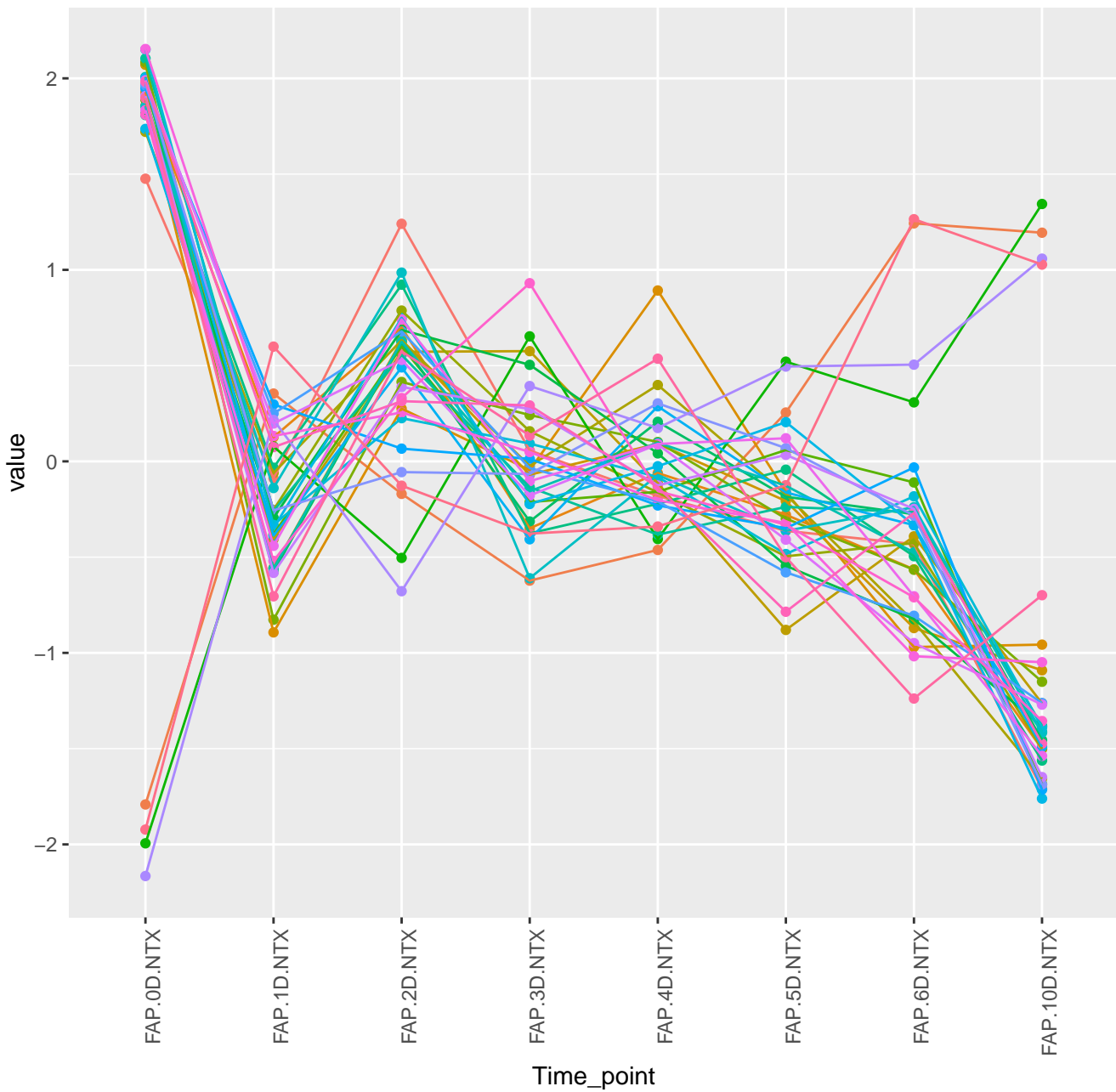
24 genes – cluster 85



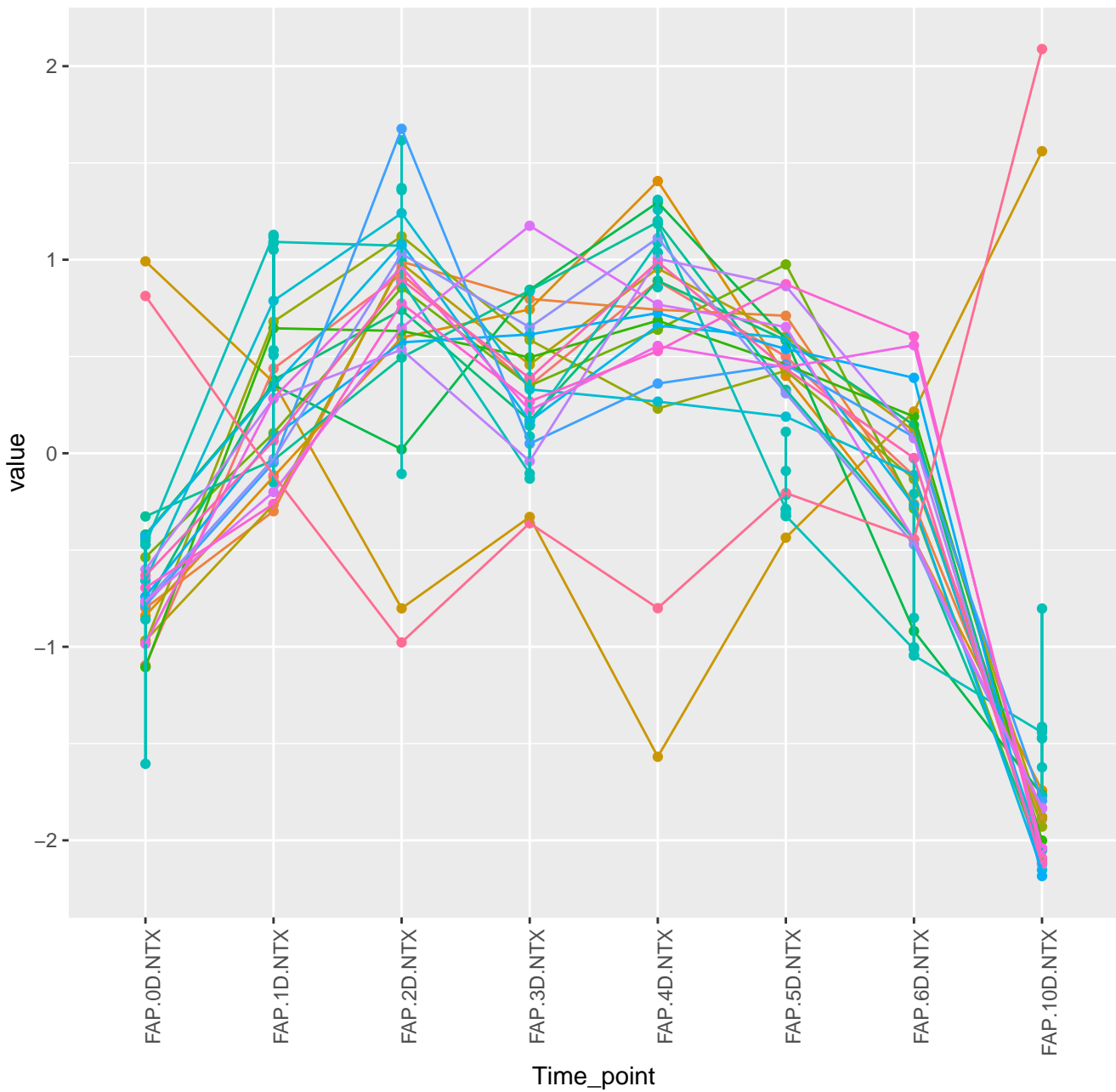
16 genes – cluster 86



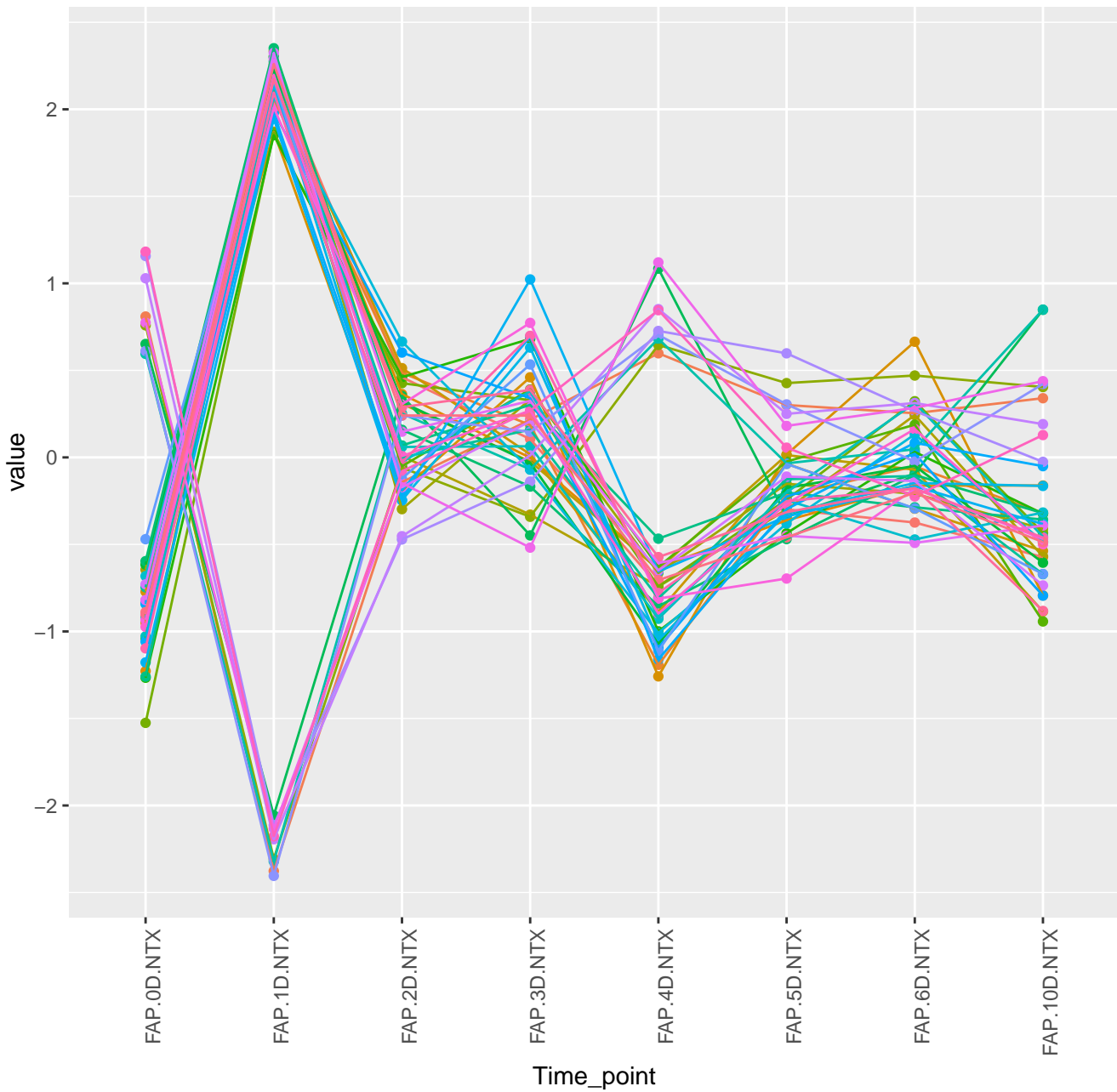
32 genes – cluster 87



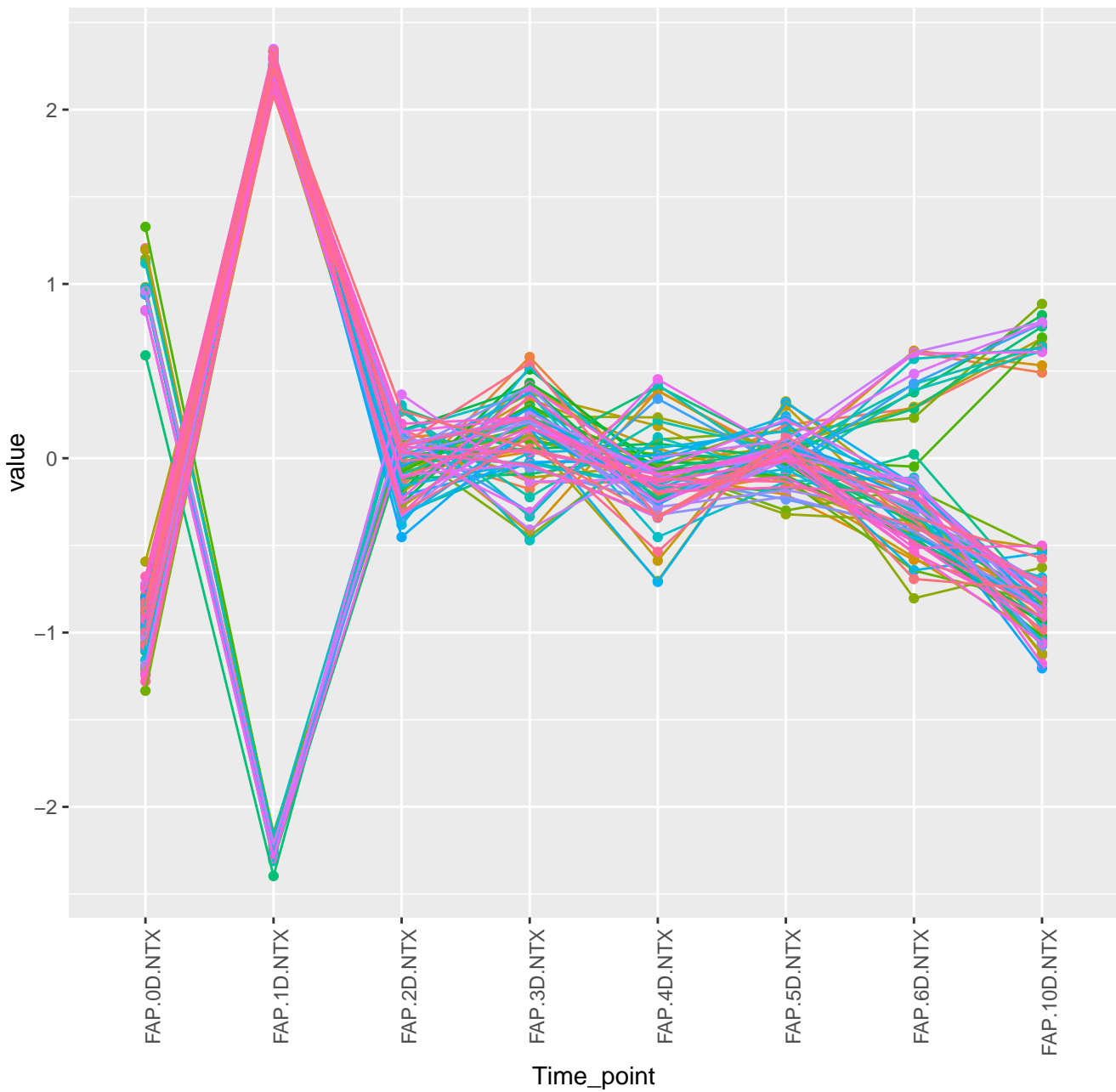
30 genes – cluster 88



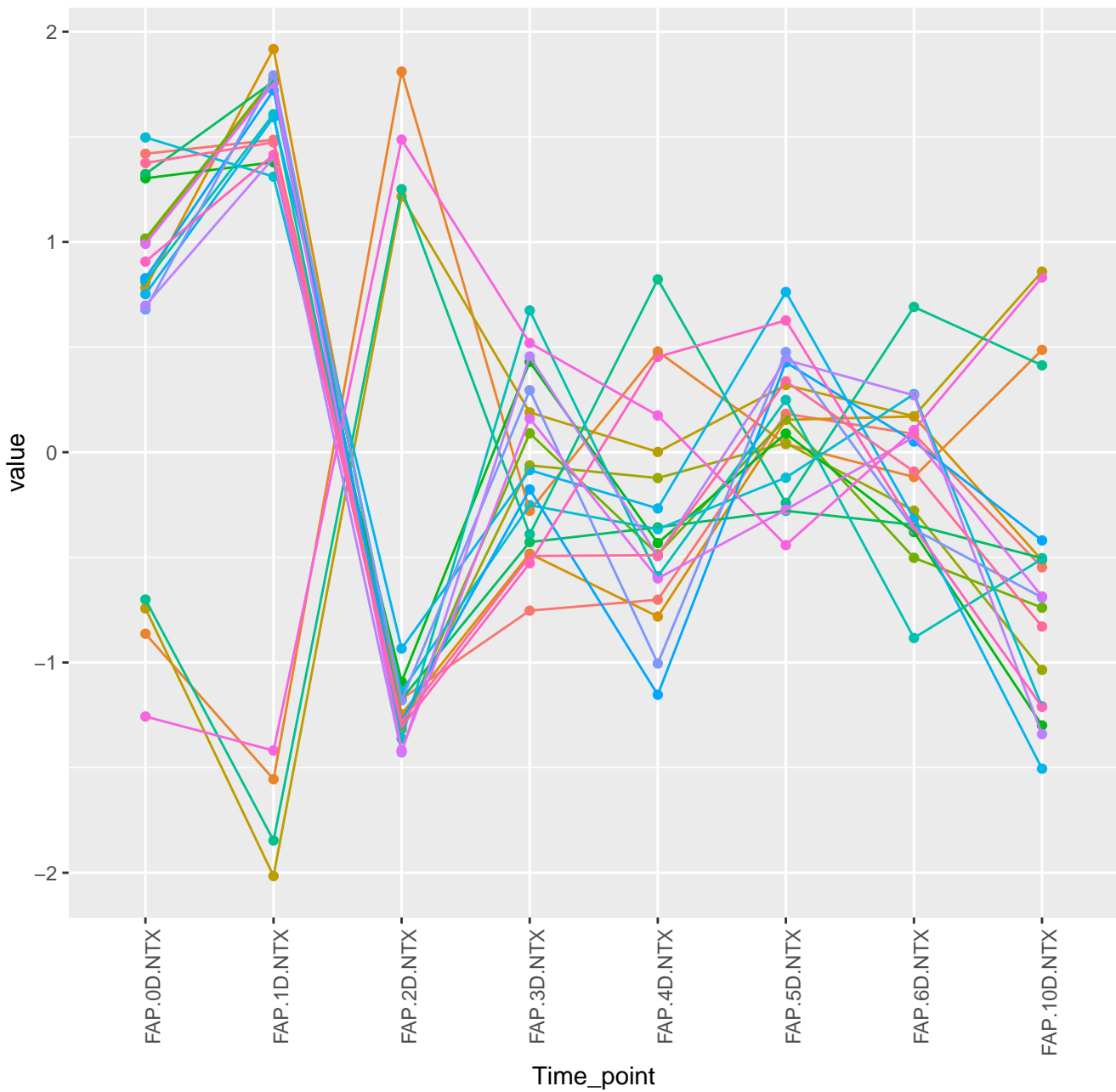
39 genes – cluster 89



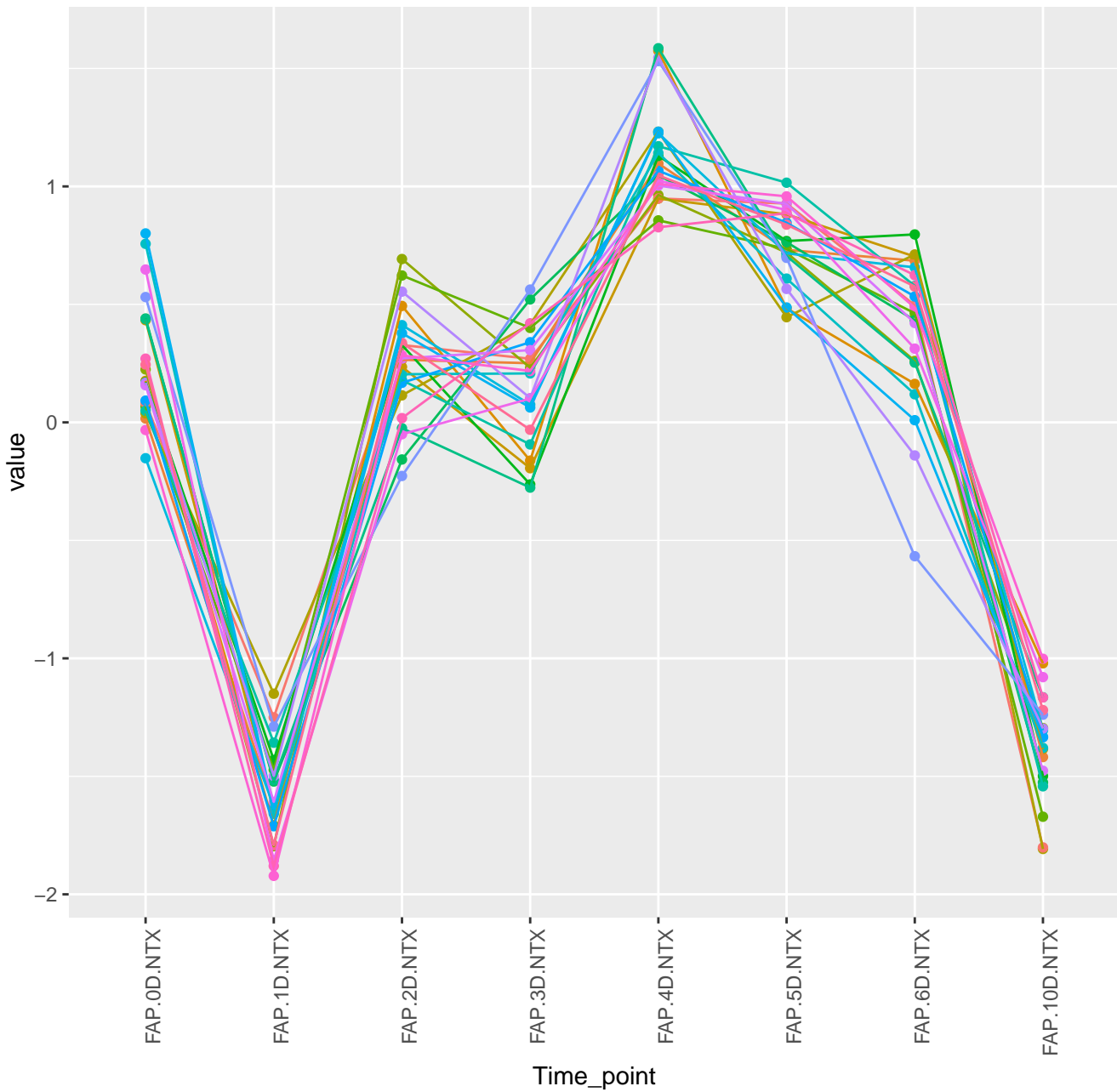
69 genes – cluster 90



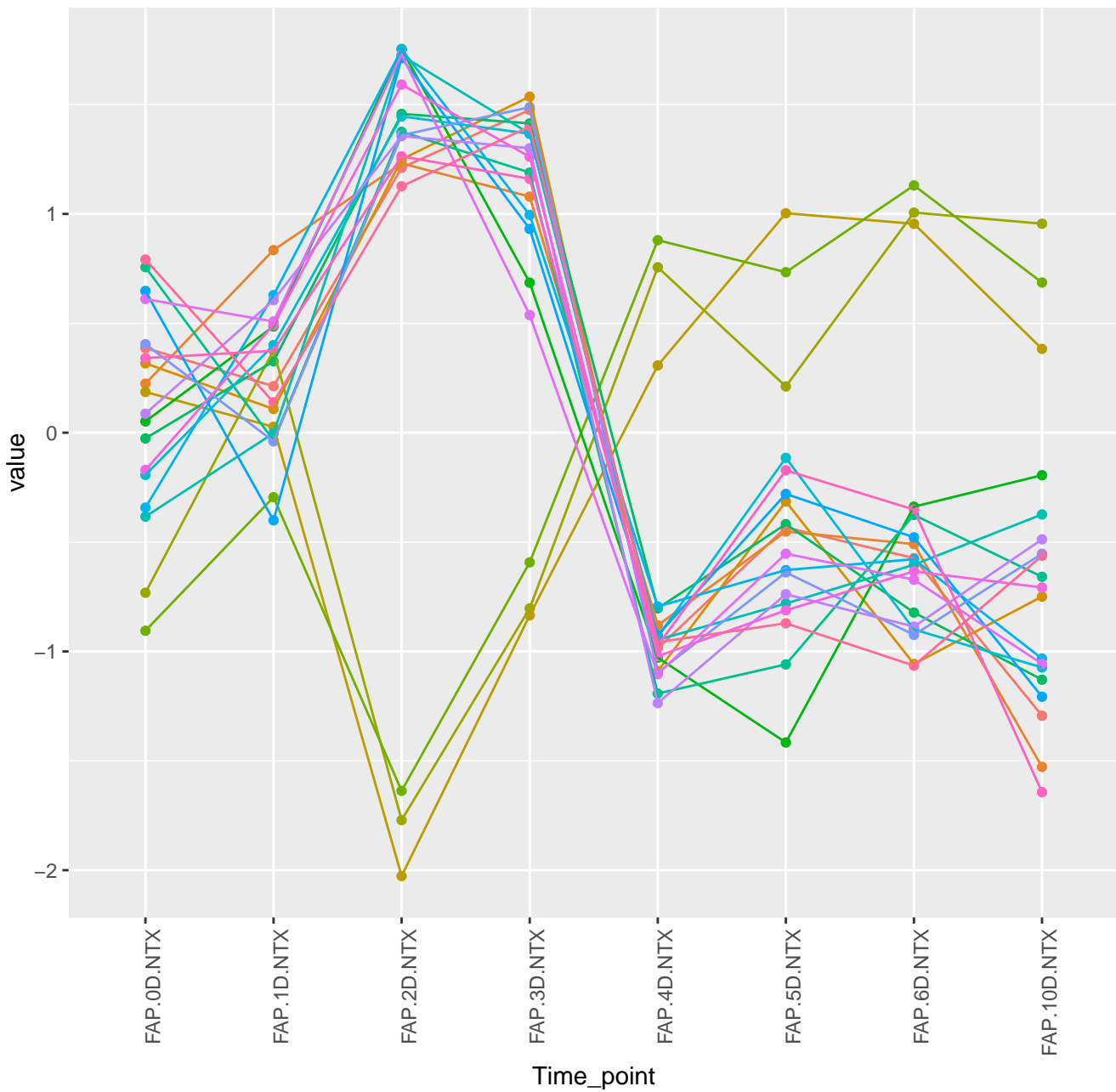
19 genes – cluster 91



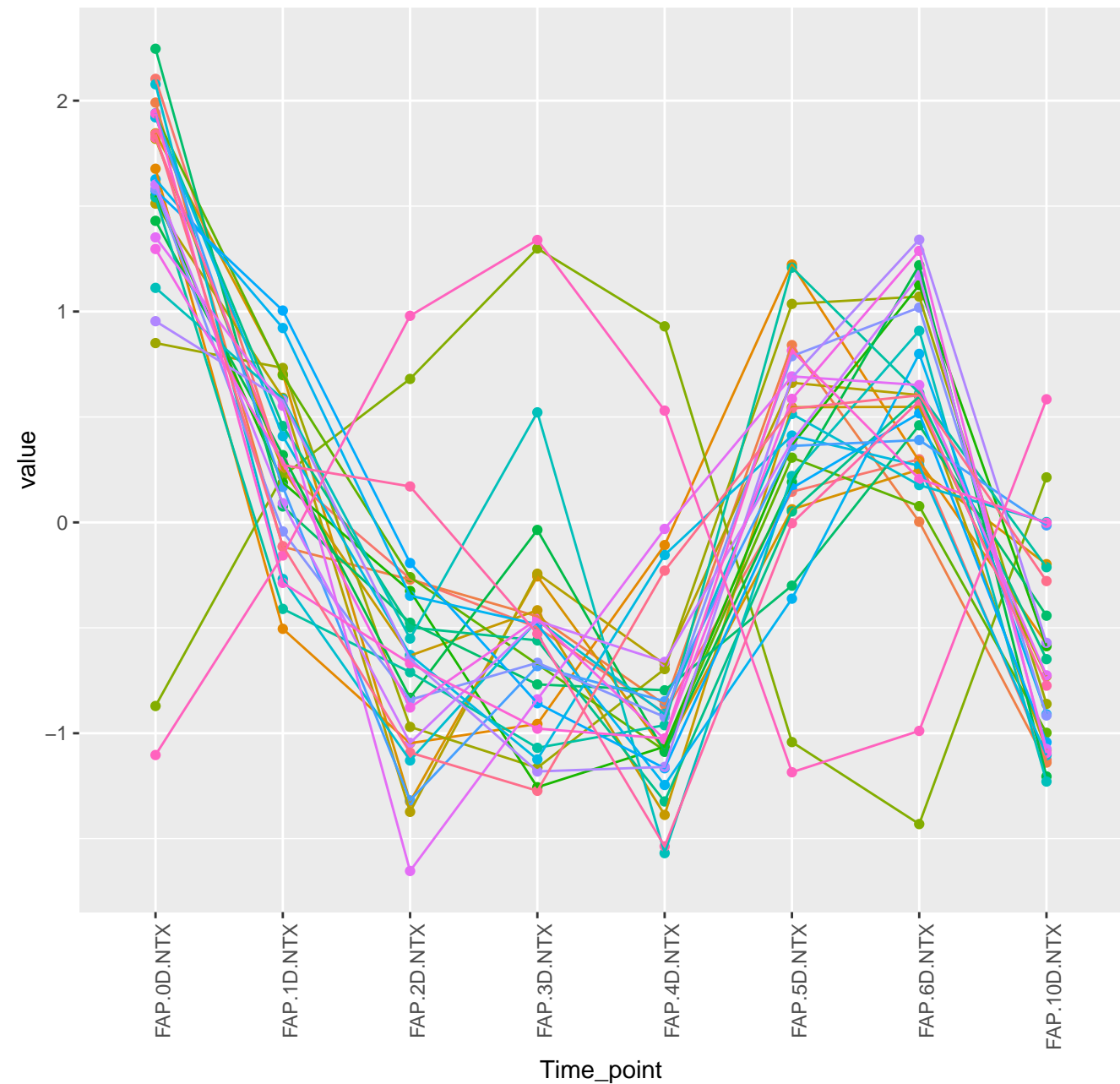
22 genes – cluster 92



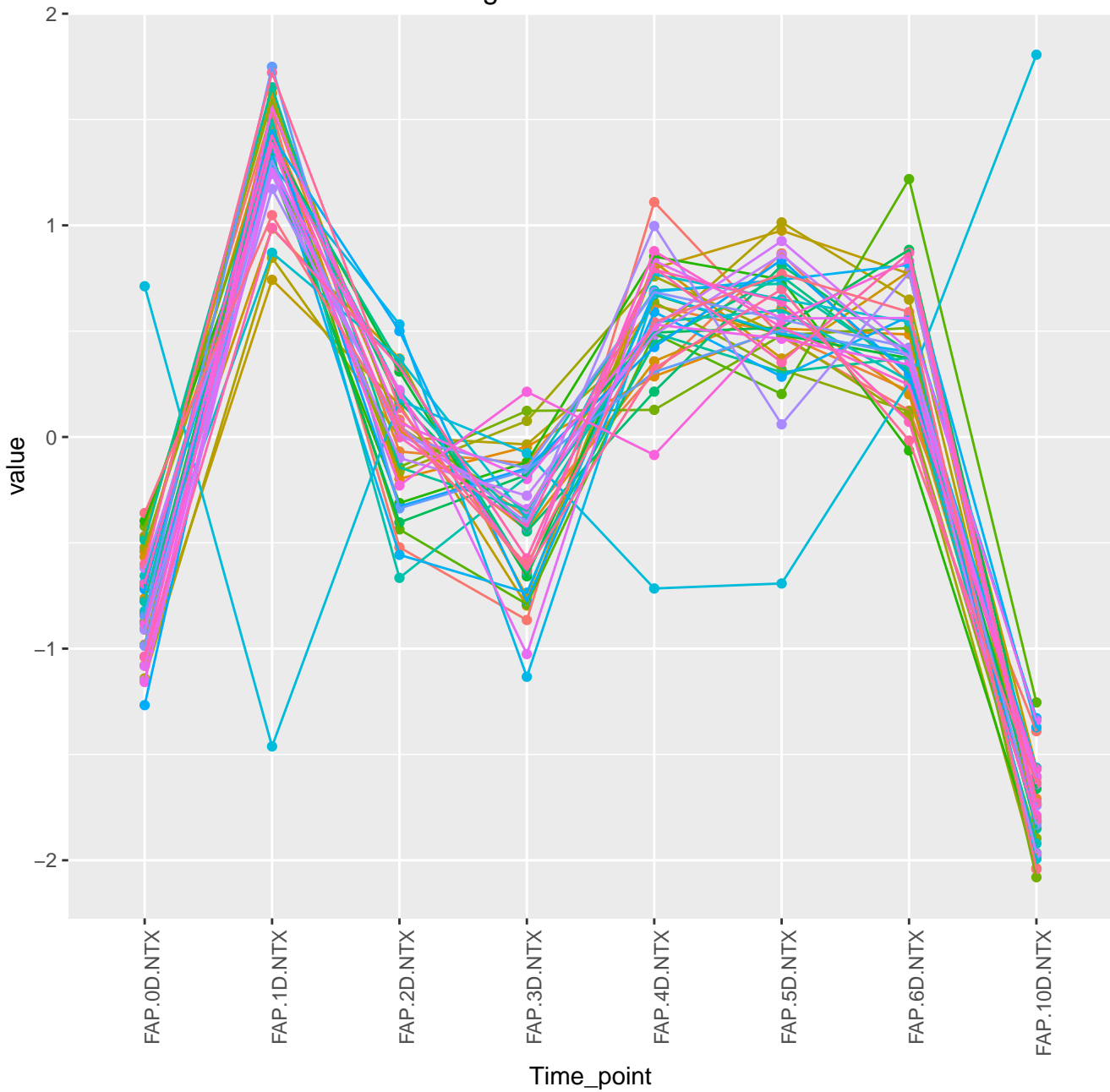
19 genes – cluster 93



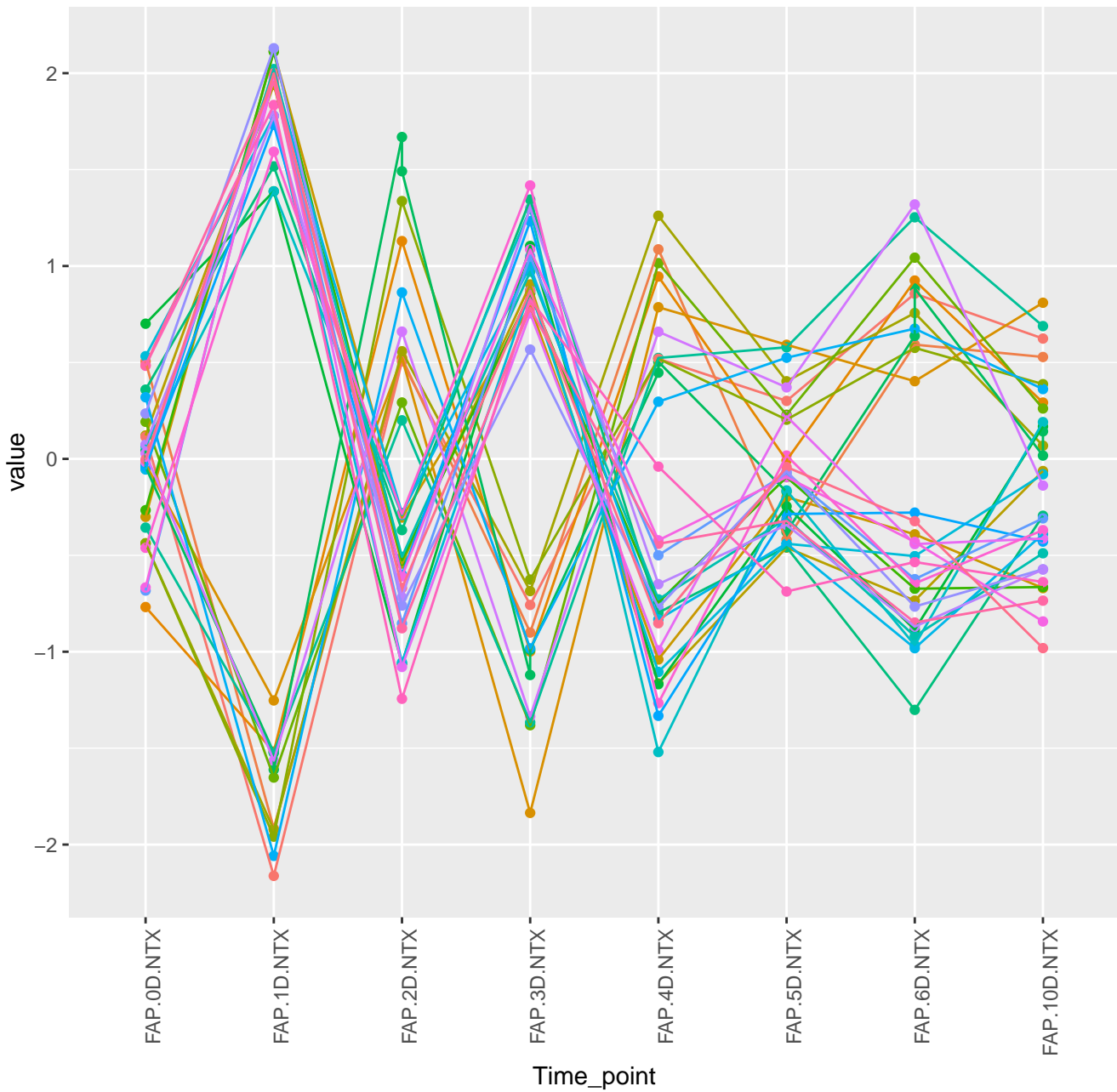
29 genes – cluster 94



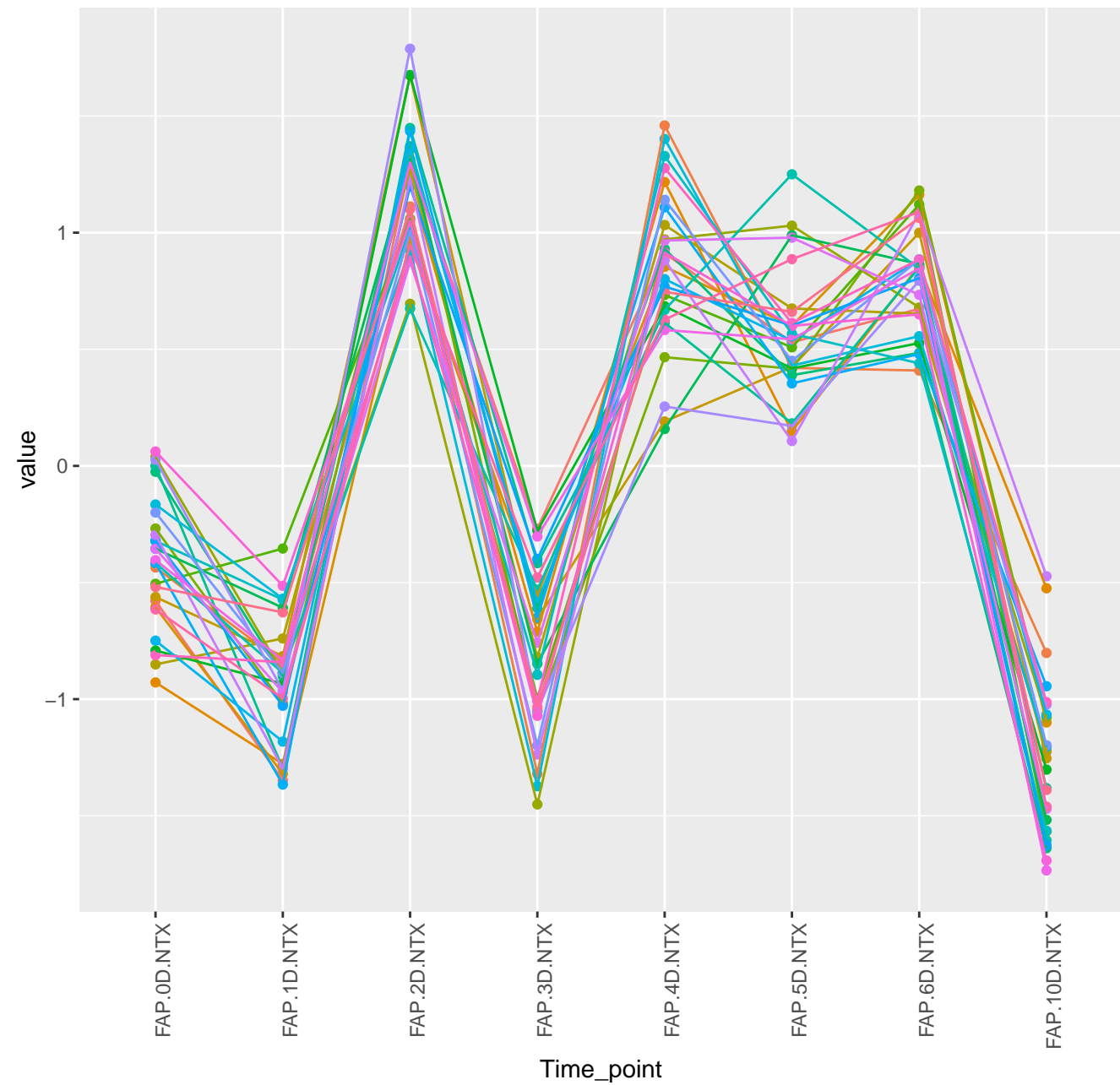
39 genes – cluster 95



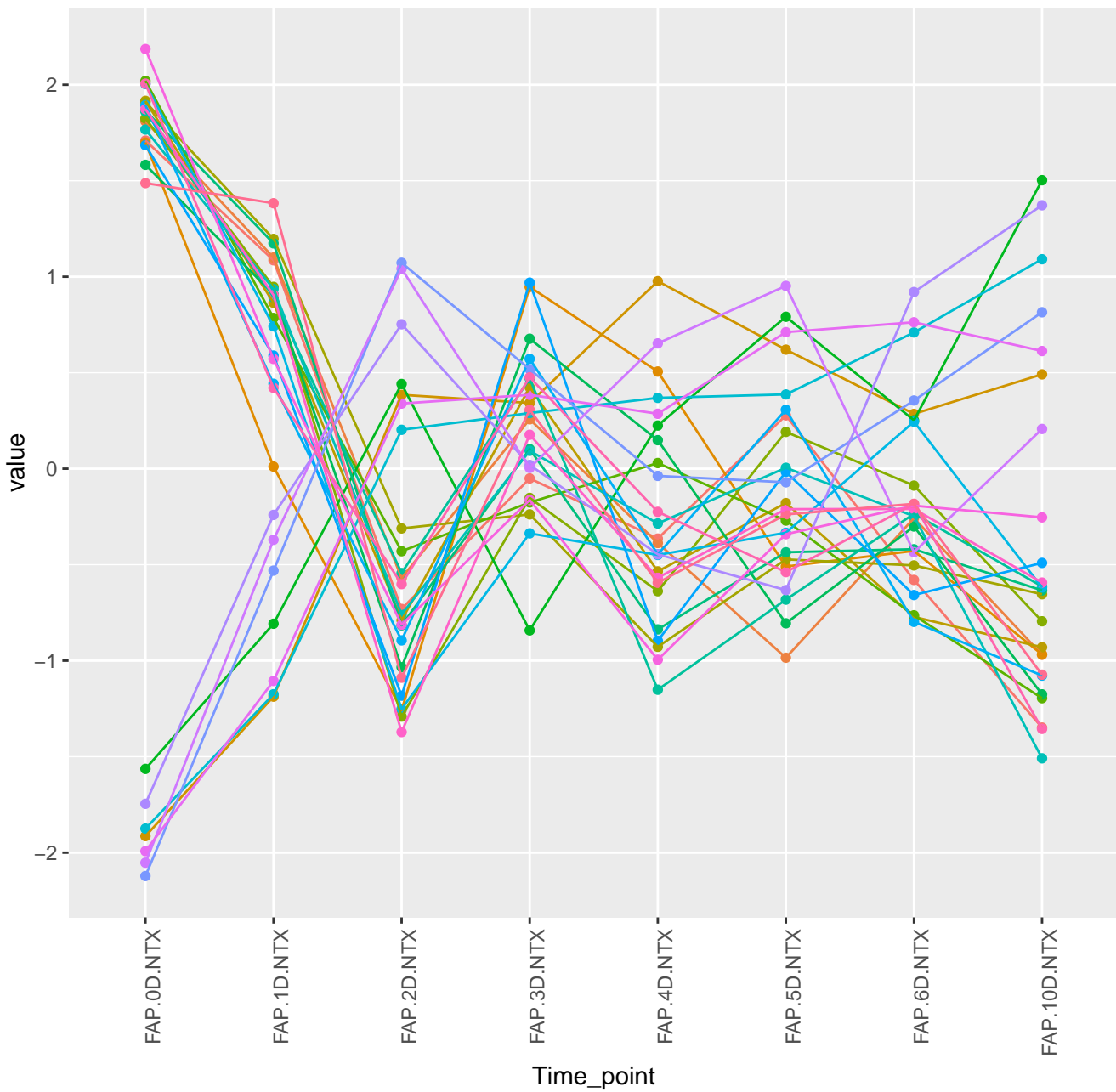
31 genes – cluster 96



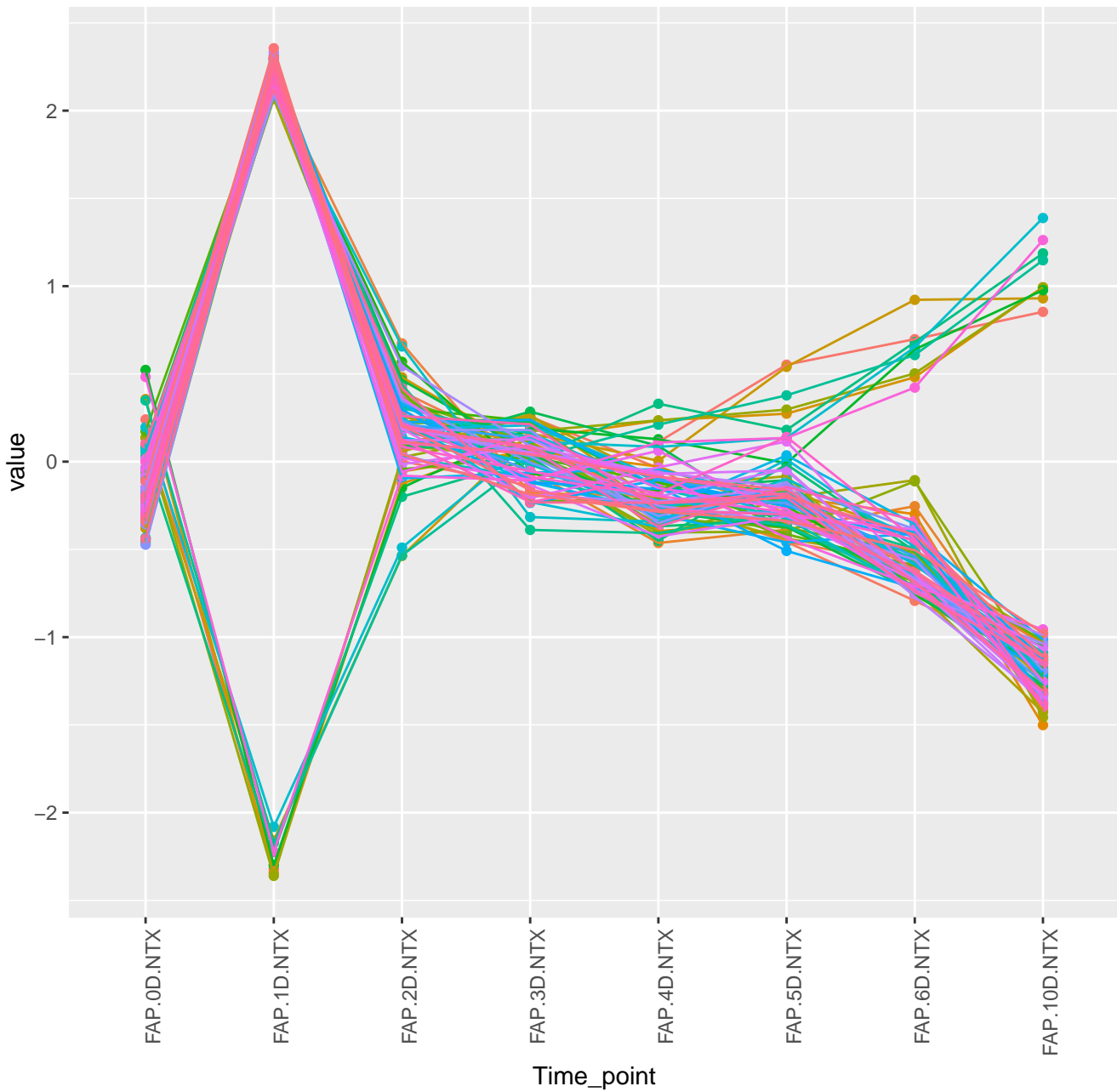
28 genes – cluster 97



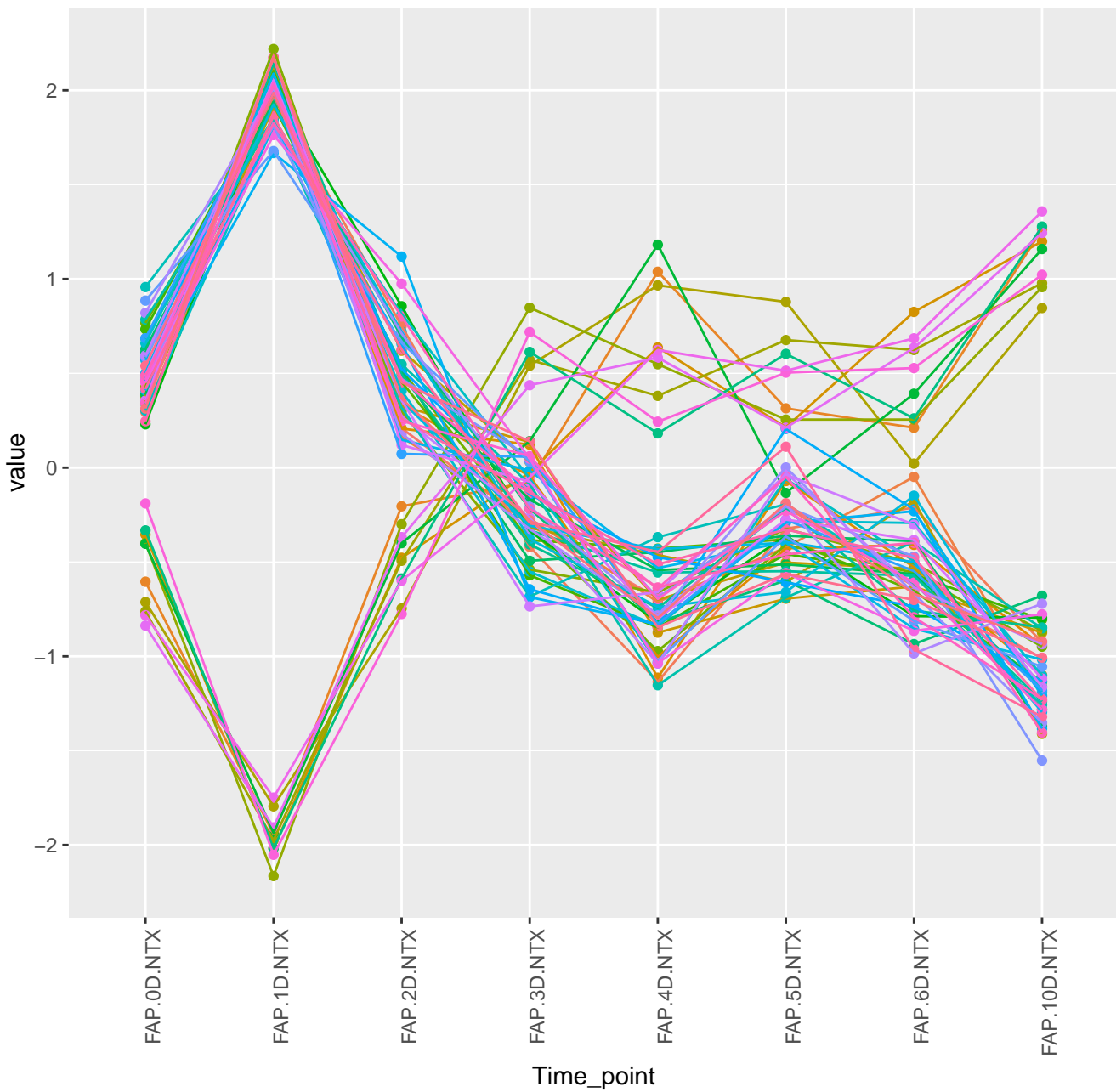
25 genes – cluster 98



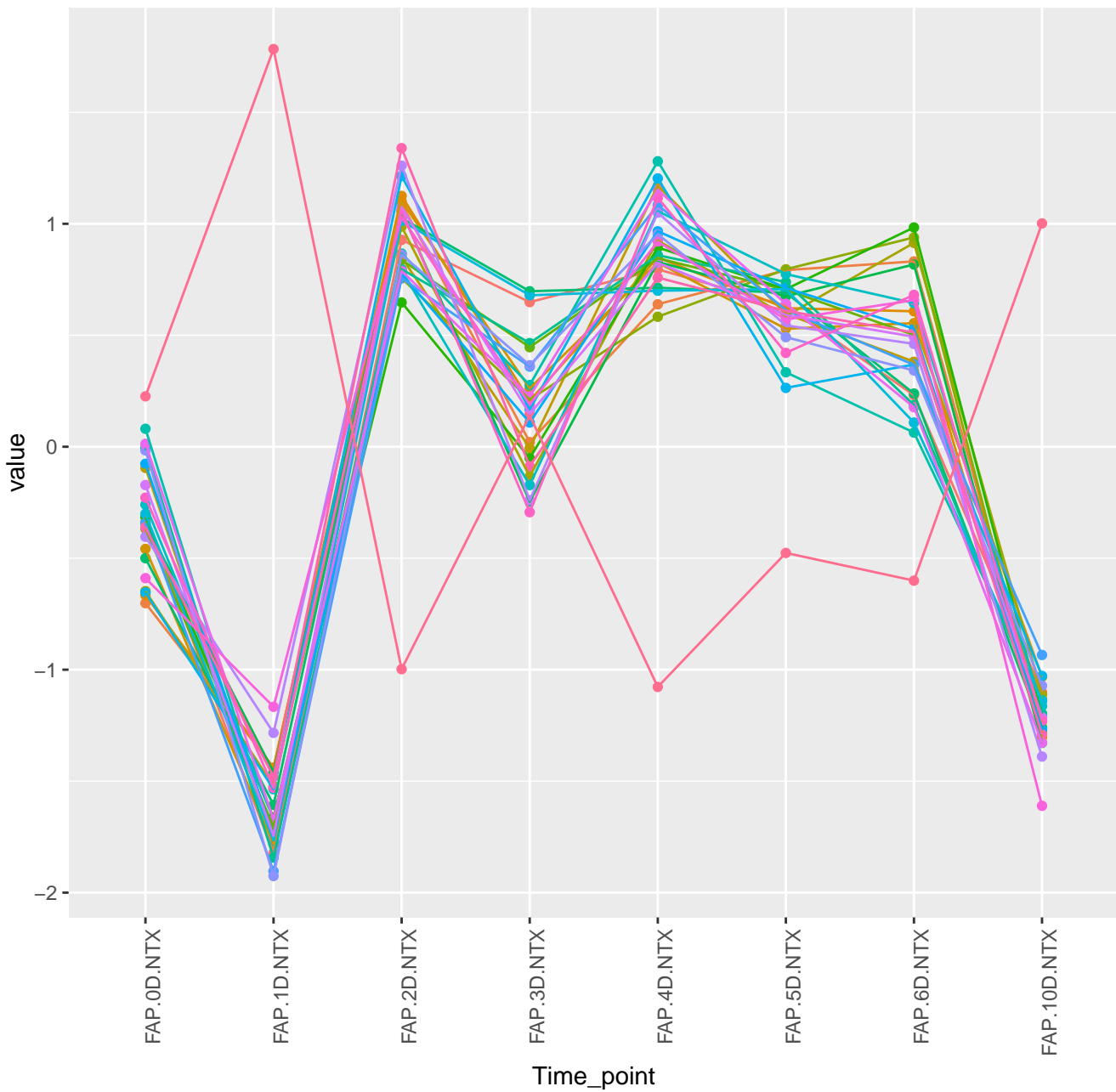
74 genes – cluster 99



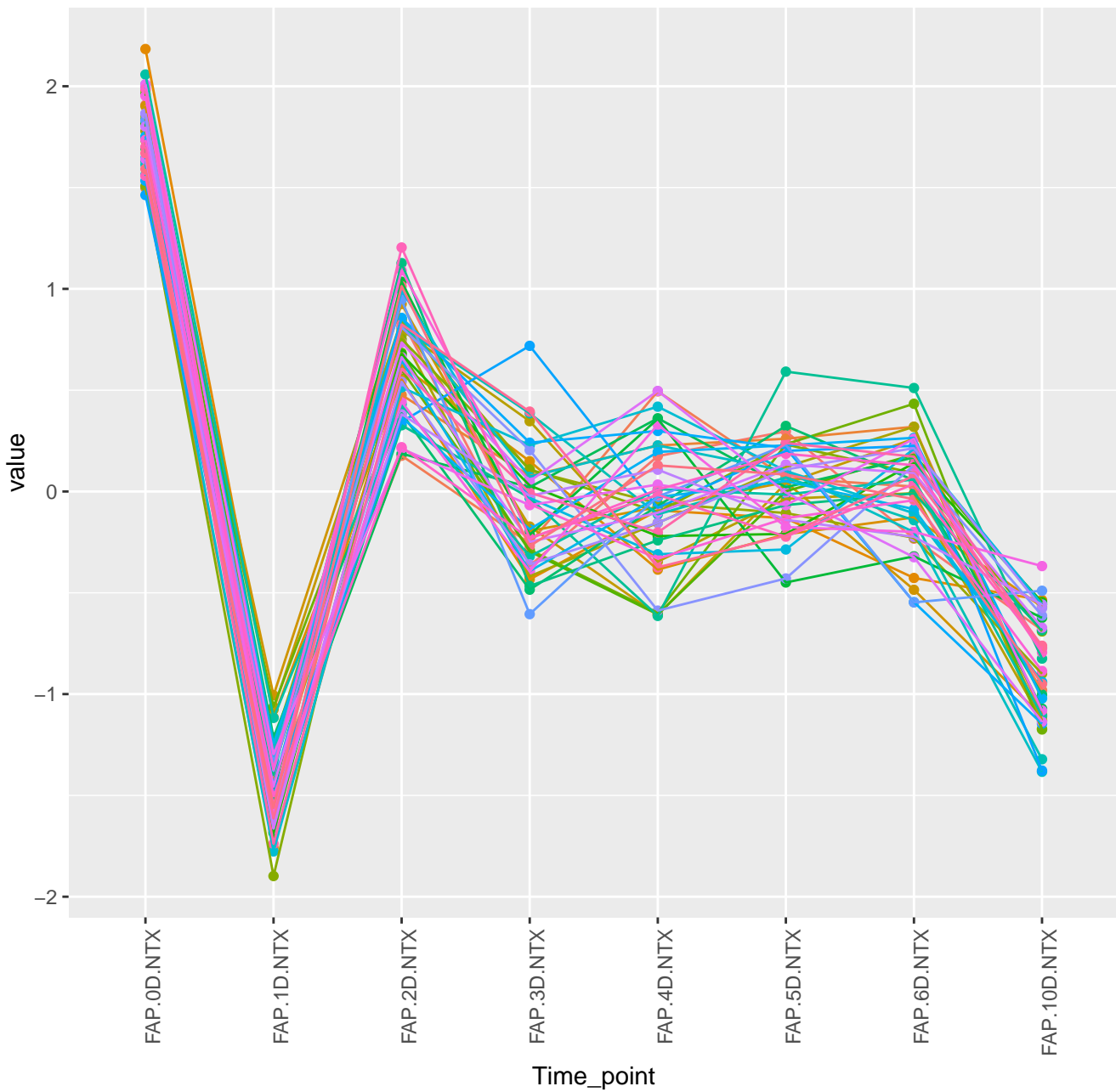
54 genes – cluster 100



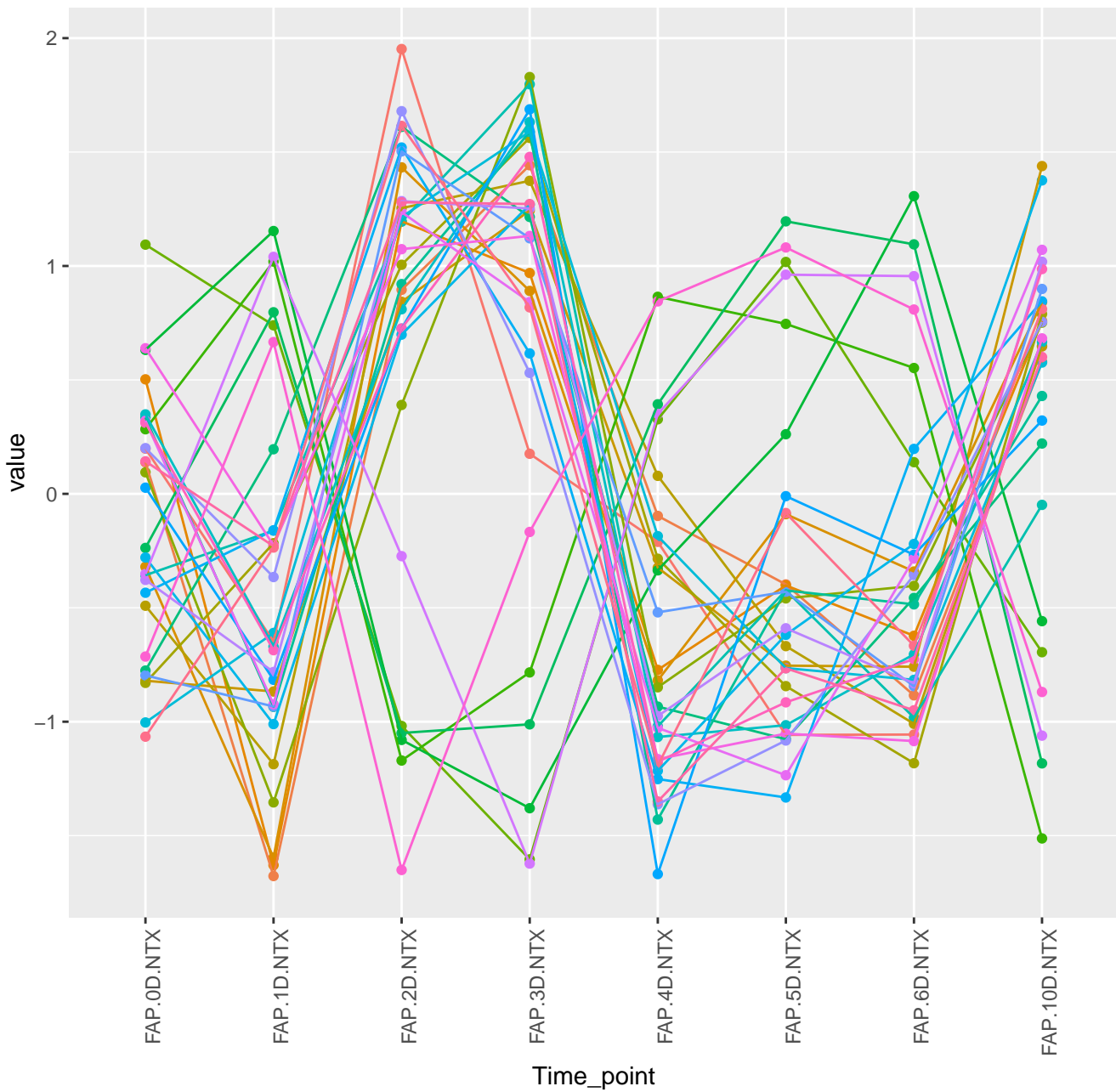
26 genes – cluster 101



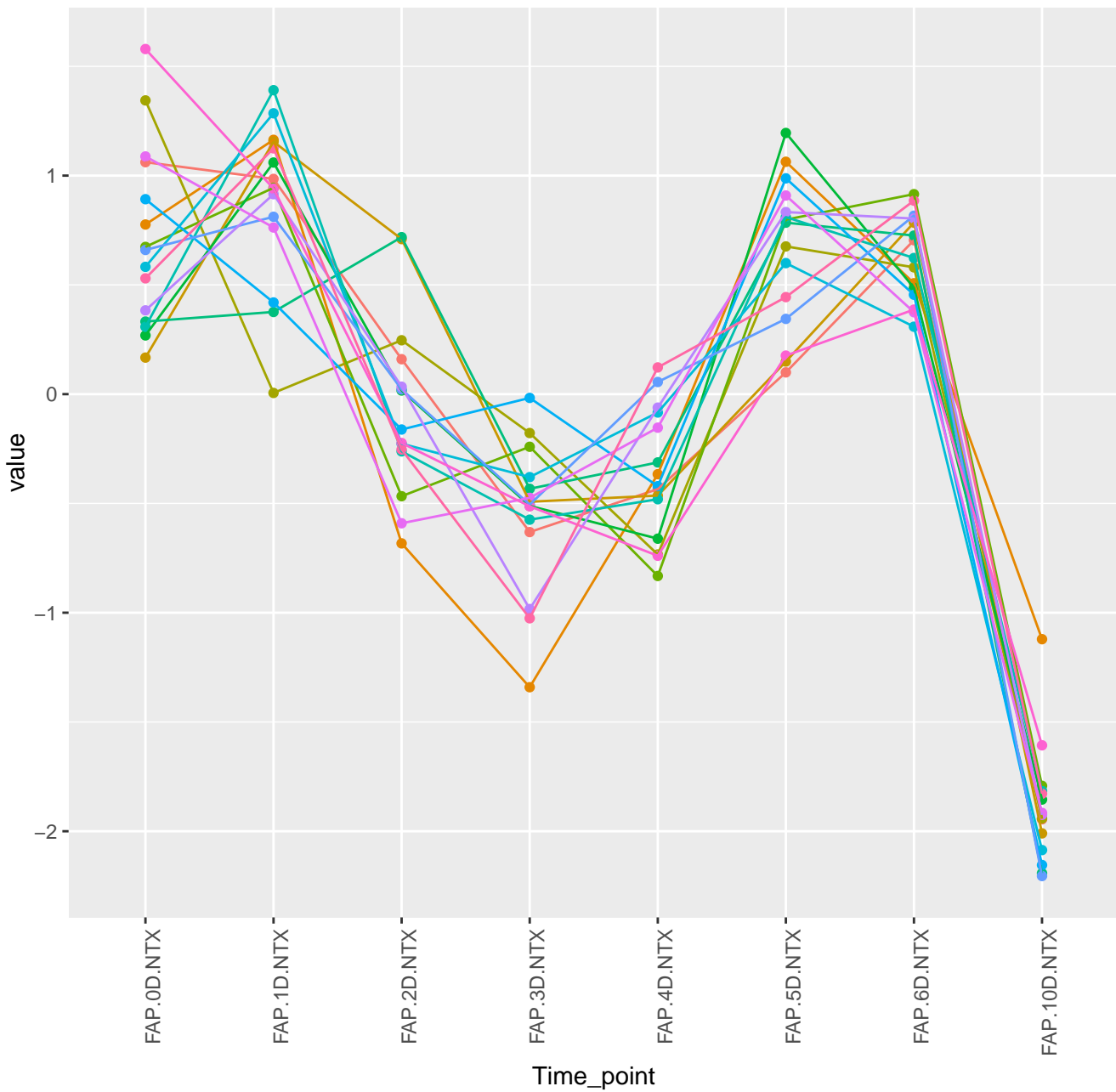
42 genes – cluster 102



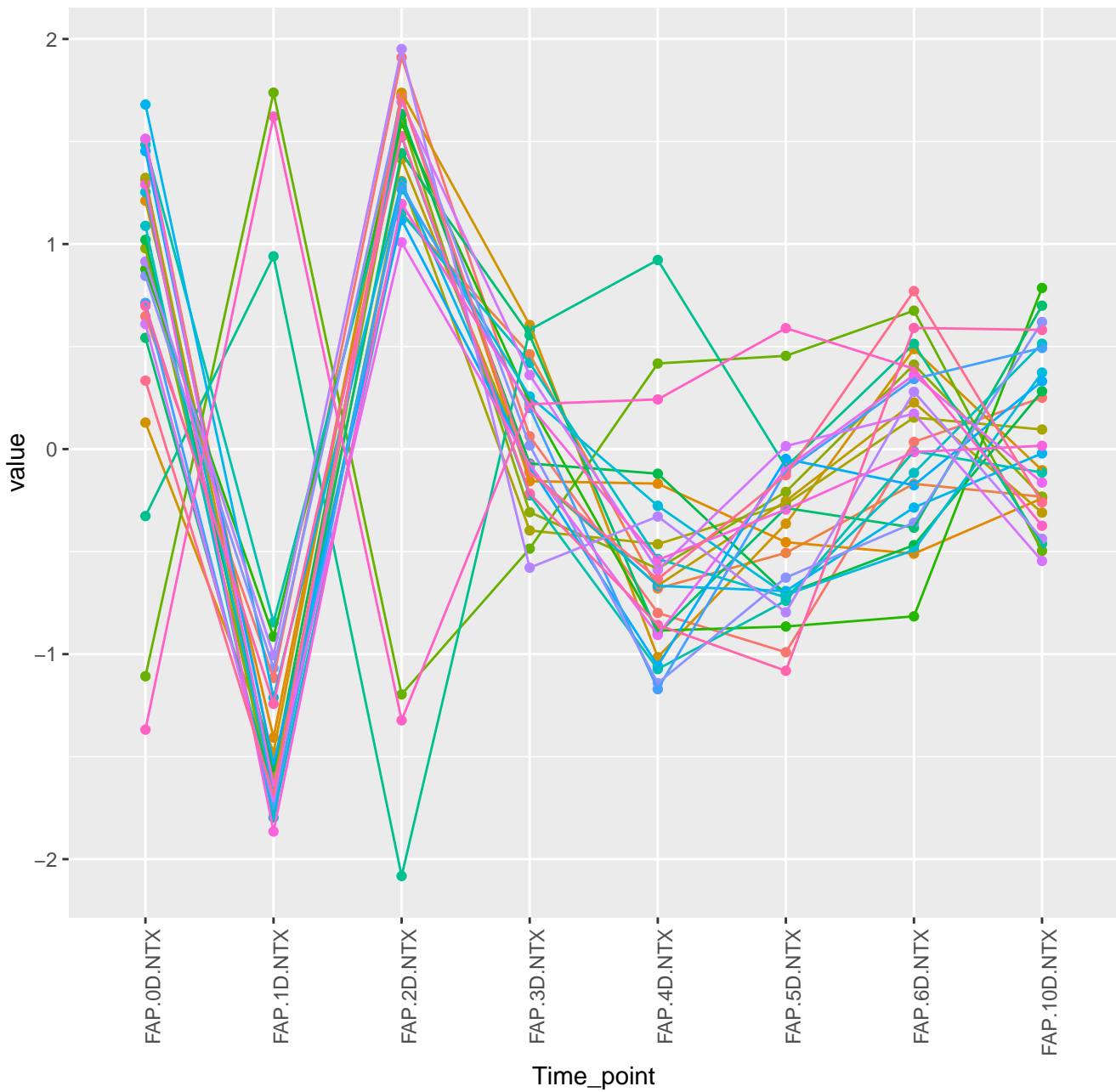
30 genes – cluster 103



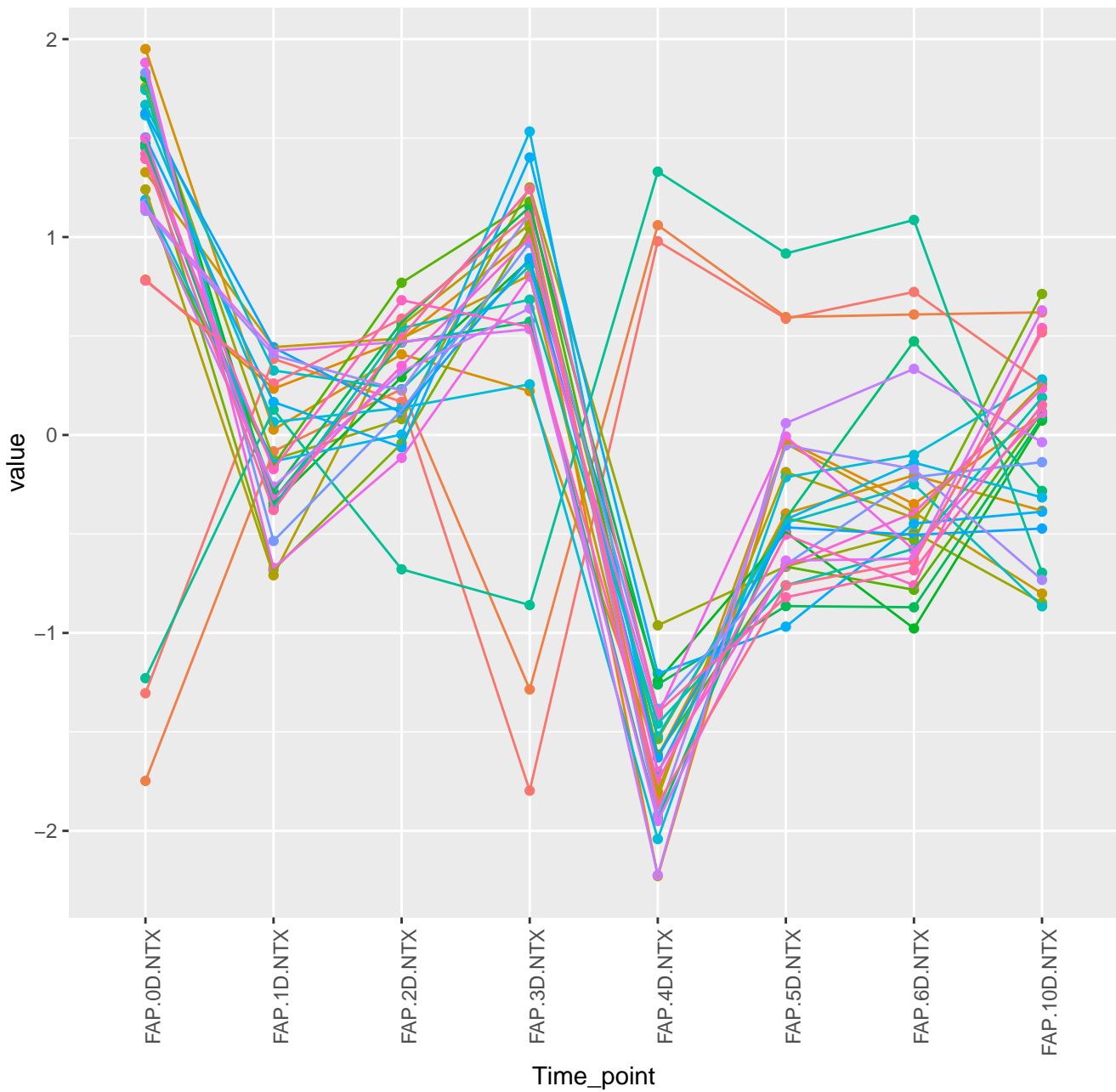
15 genes – cluster 104



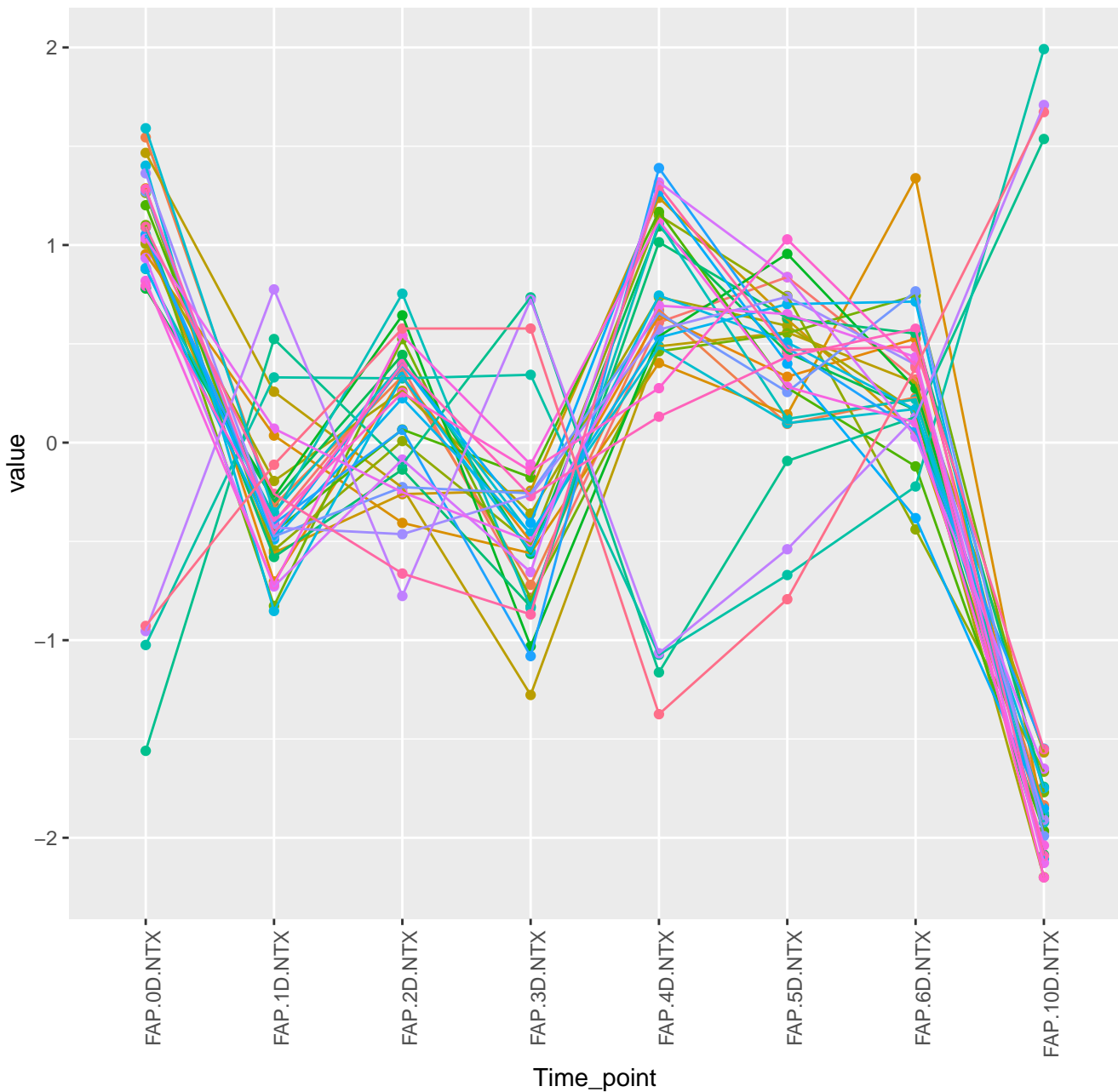
26 genes – cluster 105



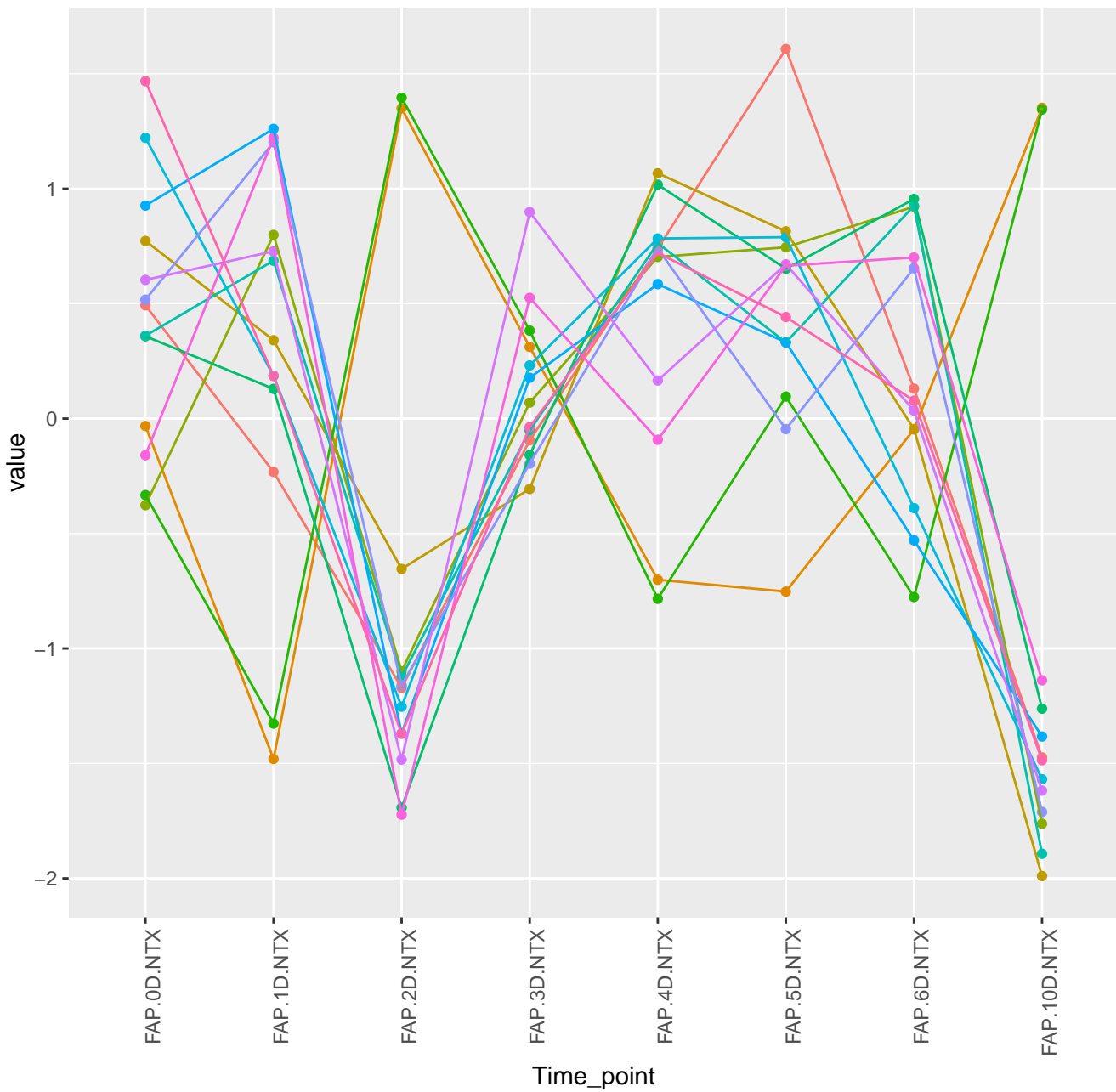
28 genes – cluster 106



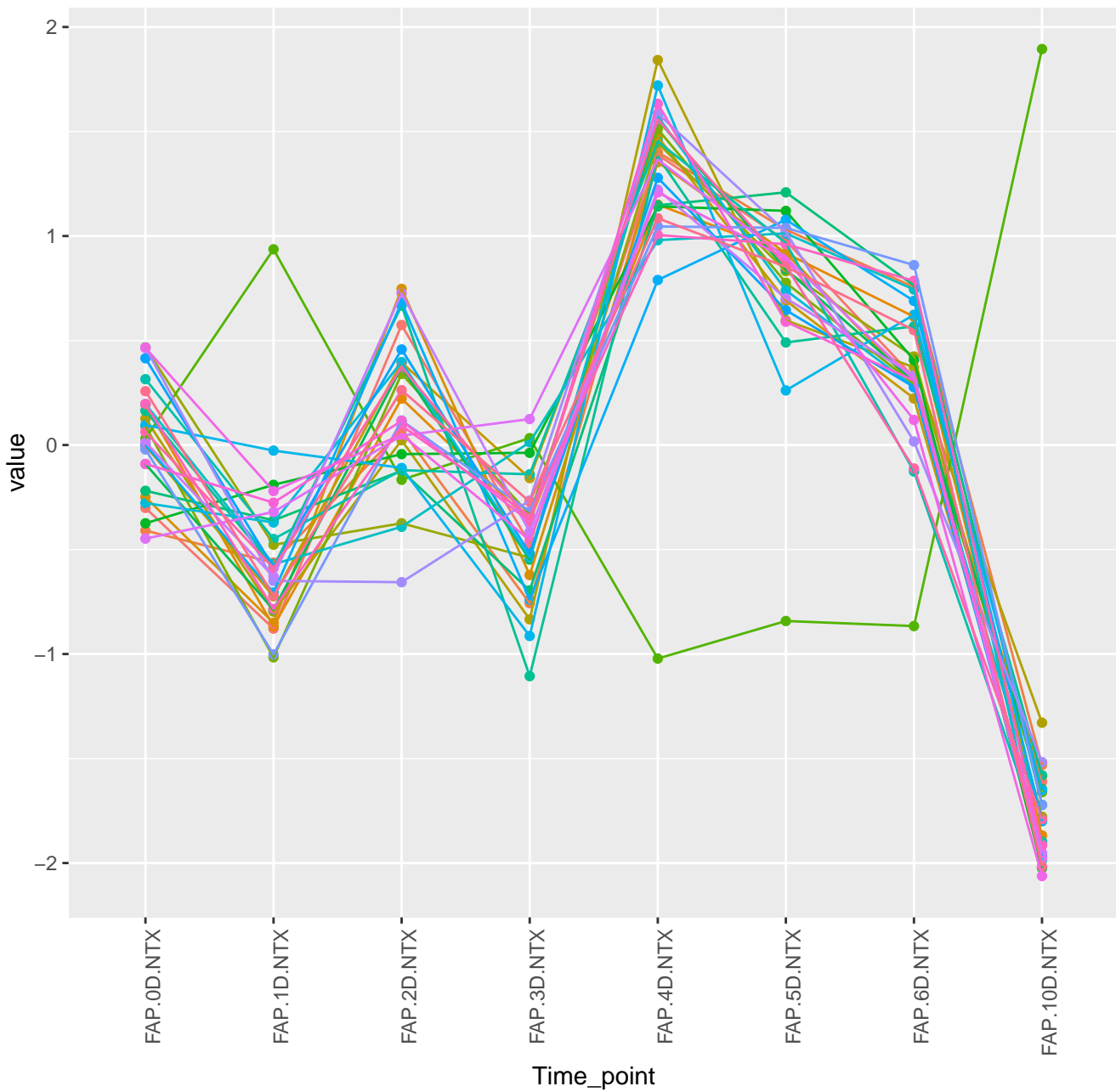
31 genes – cluster 107



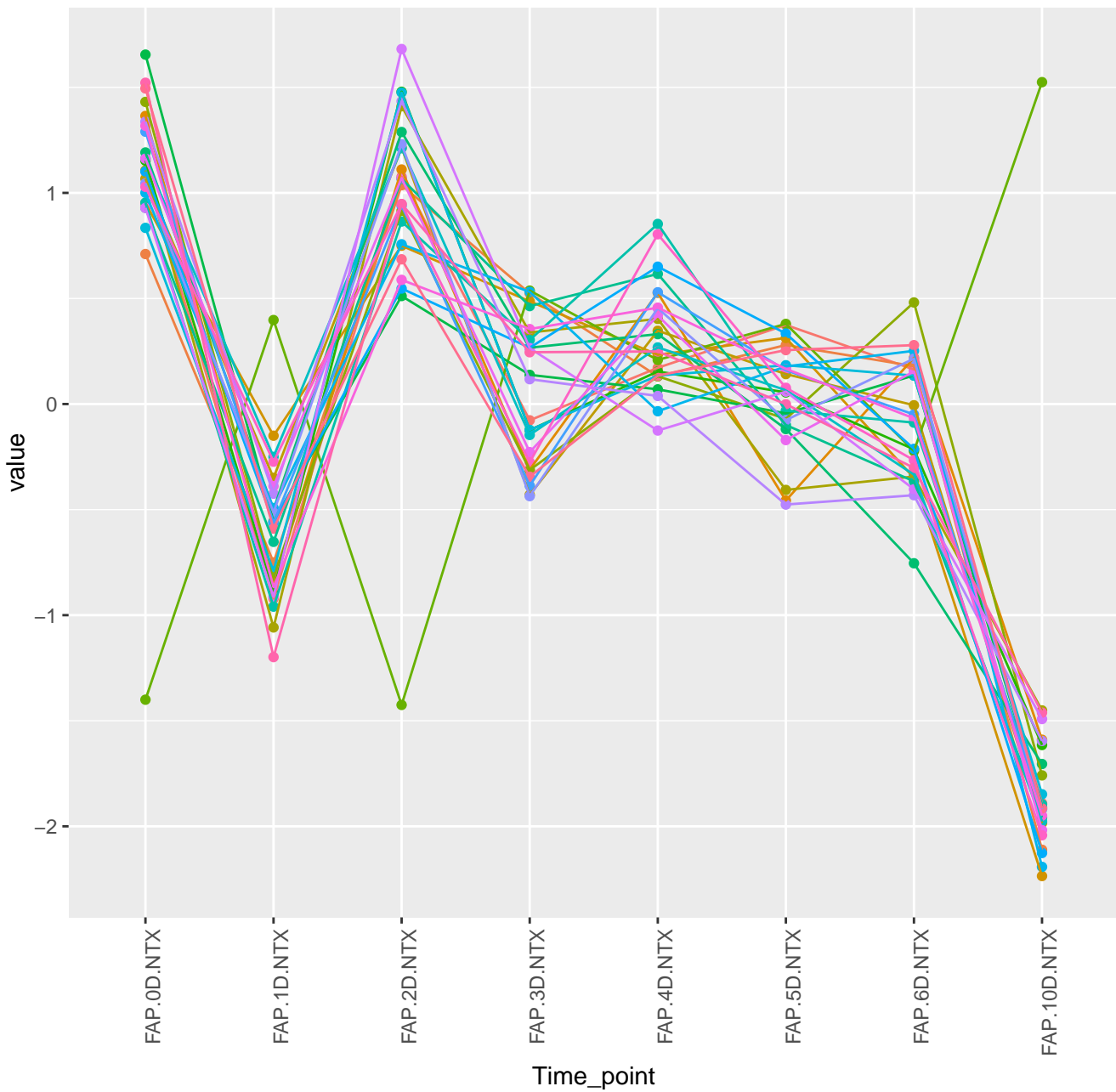
13 genes – cluster 108



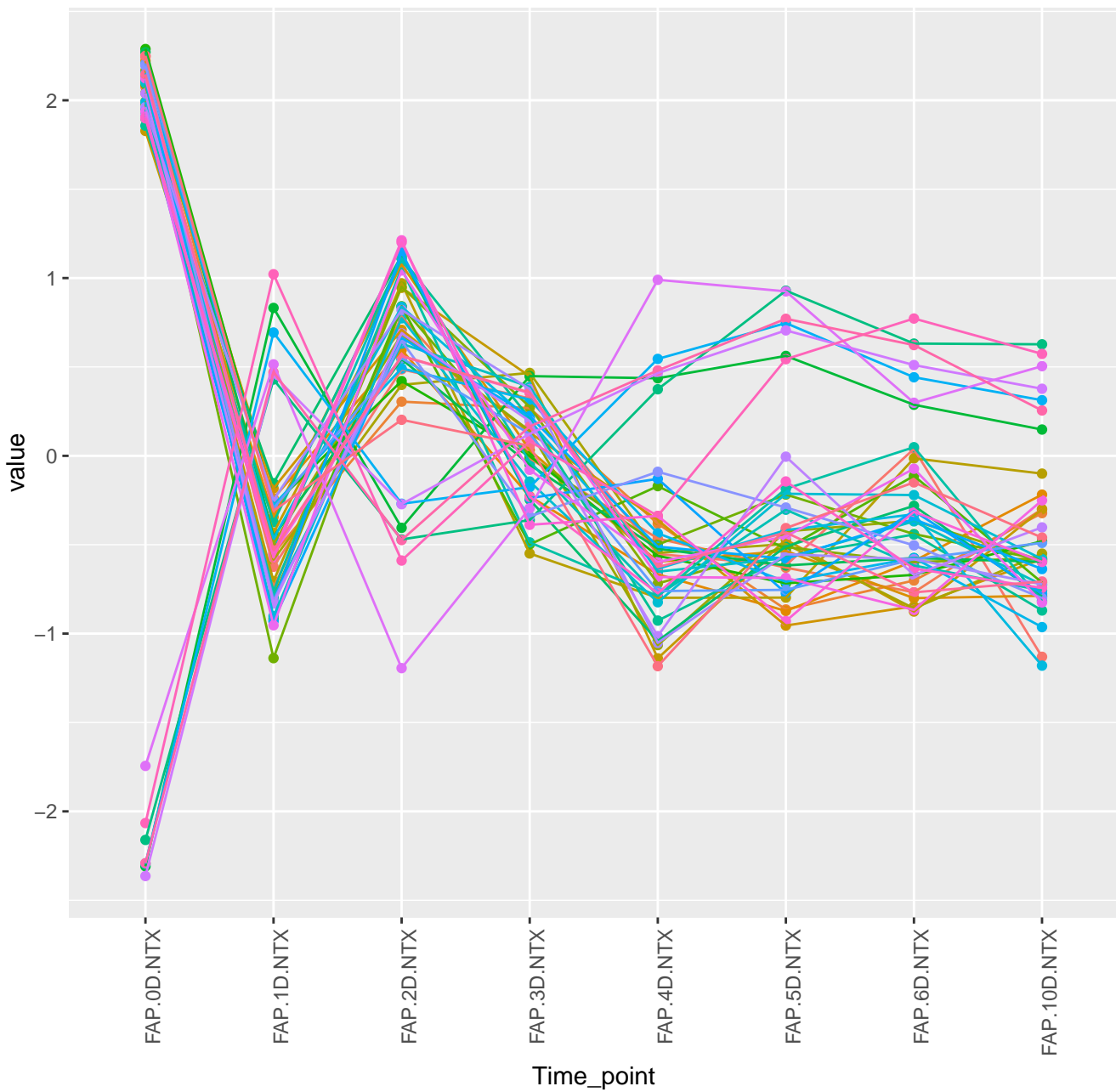
28 genes – cluster 109



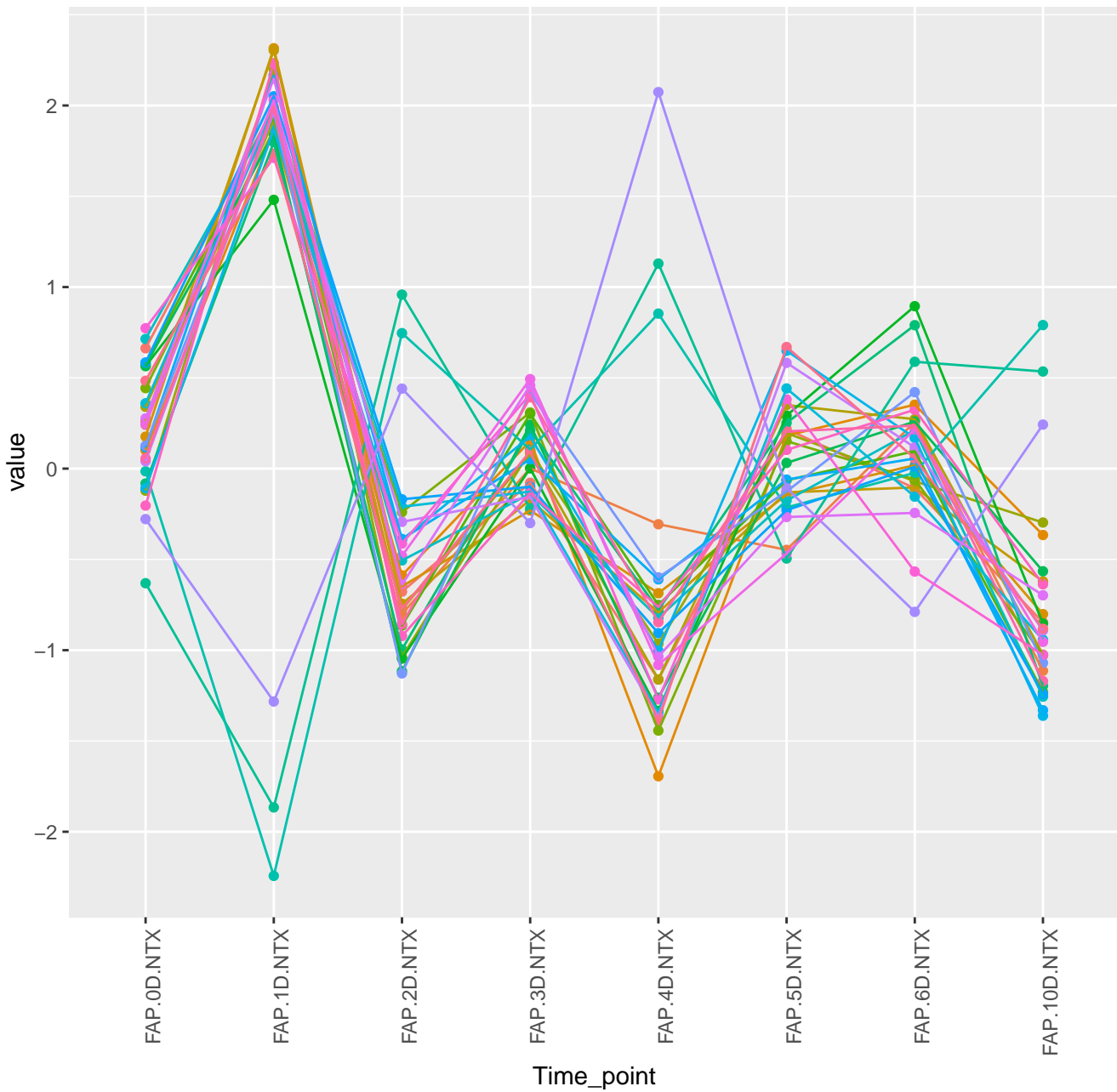
26 genes – cluster 110



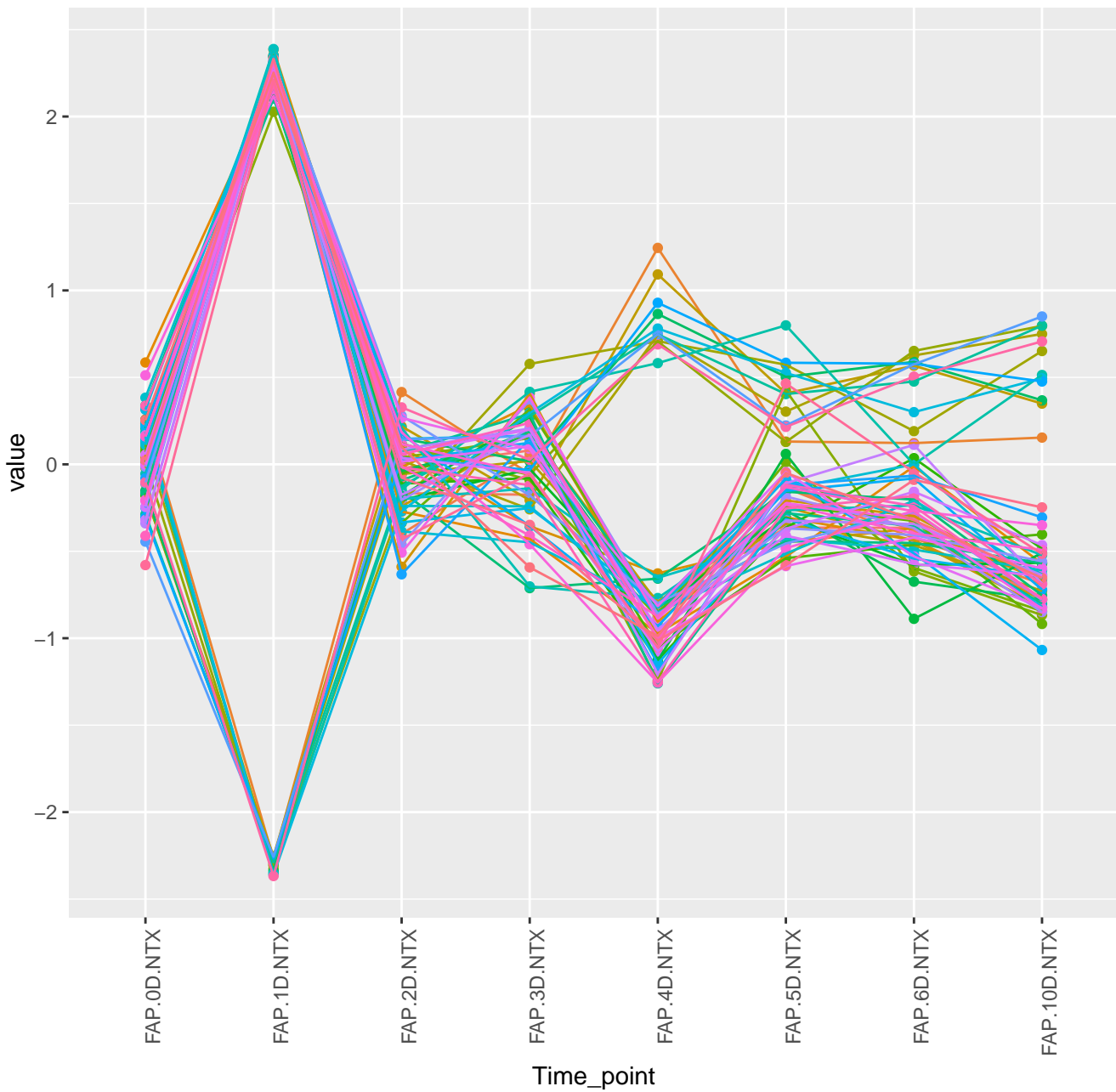
42 genes – cluster 111



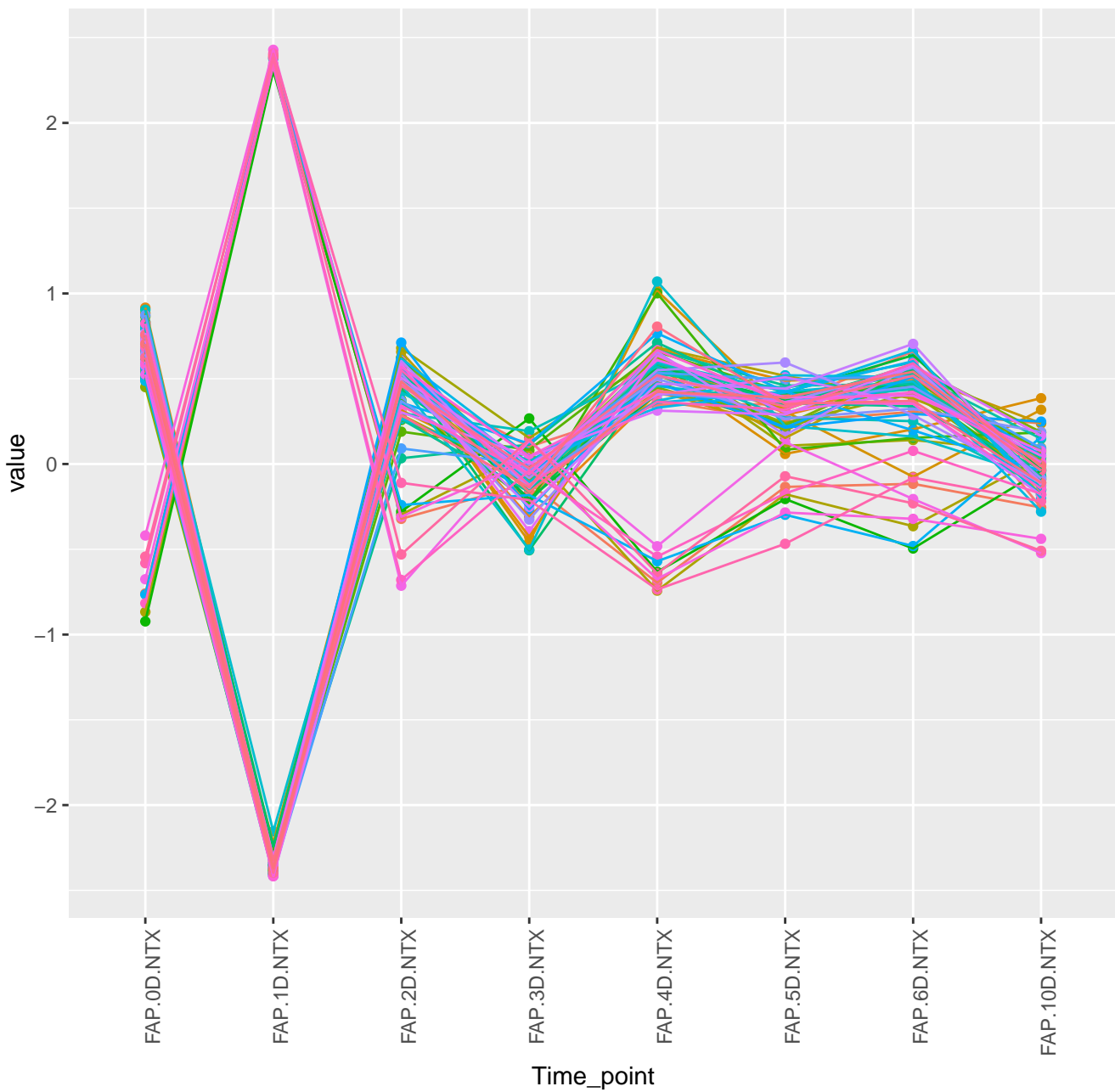
28 genes – cluster 112



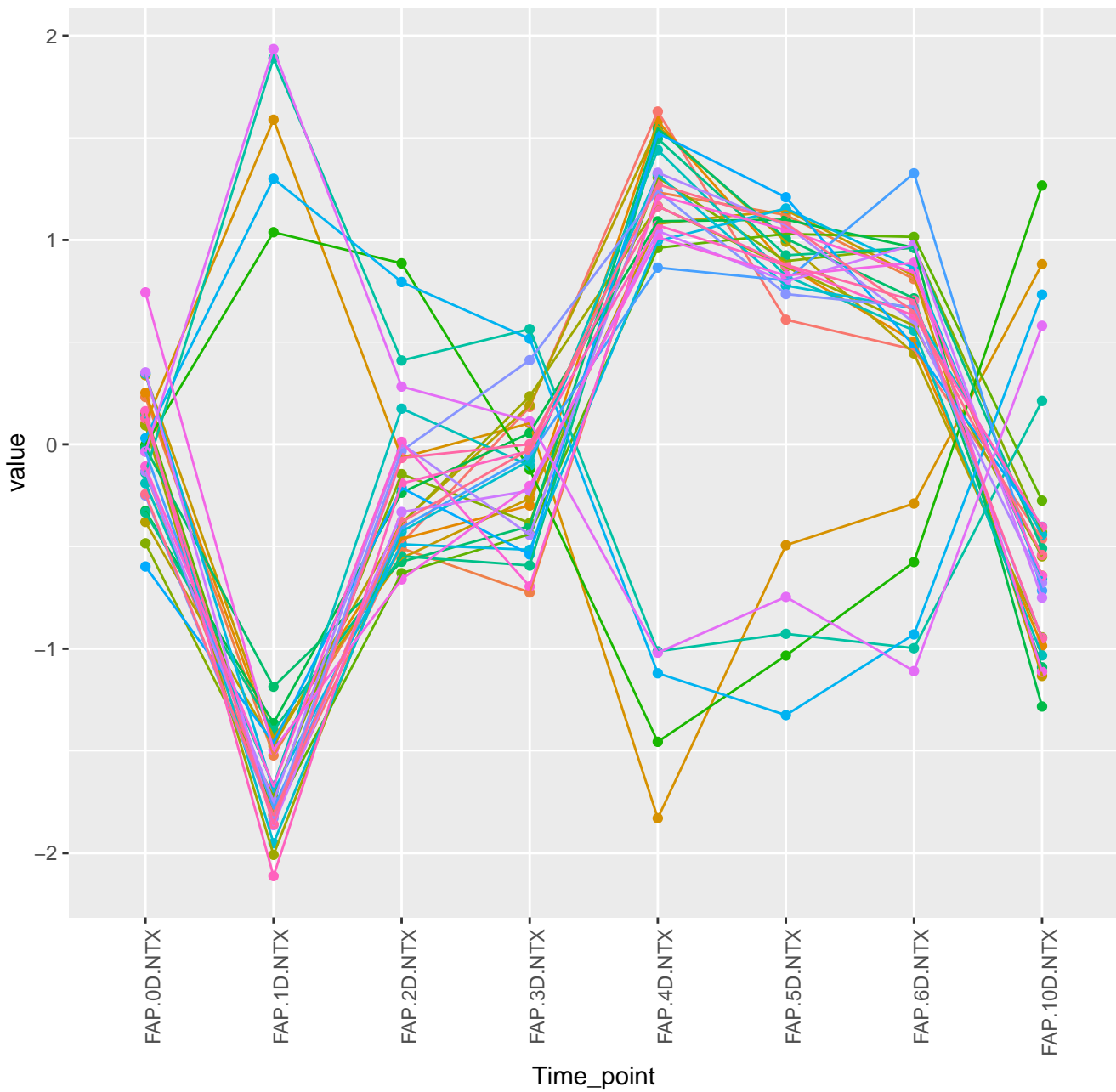
59 genes – cluster 113



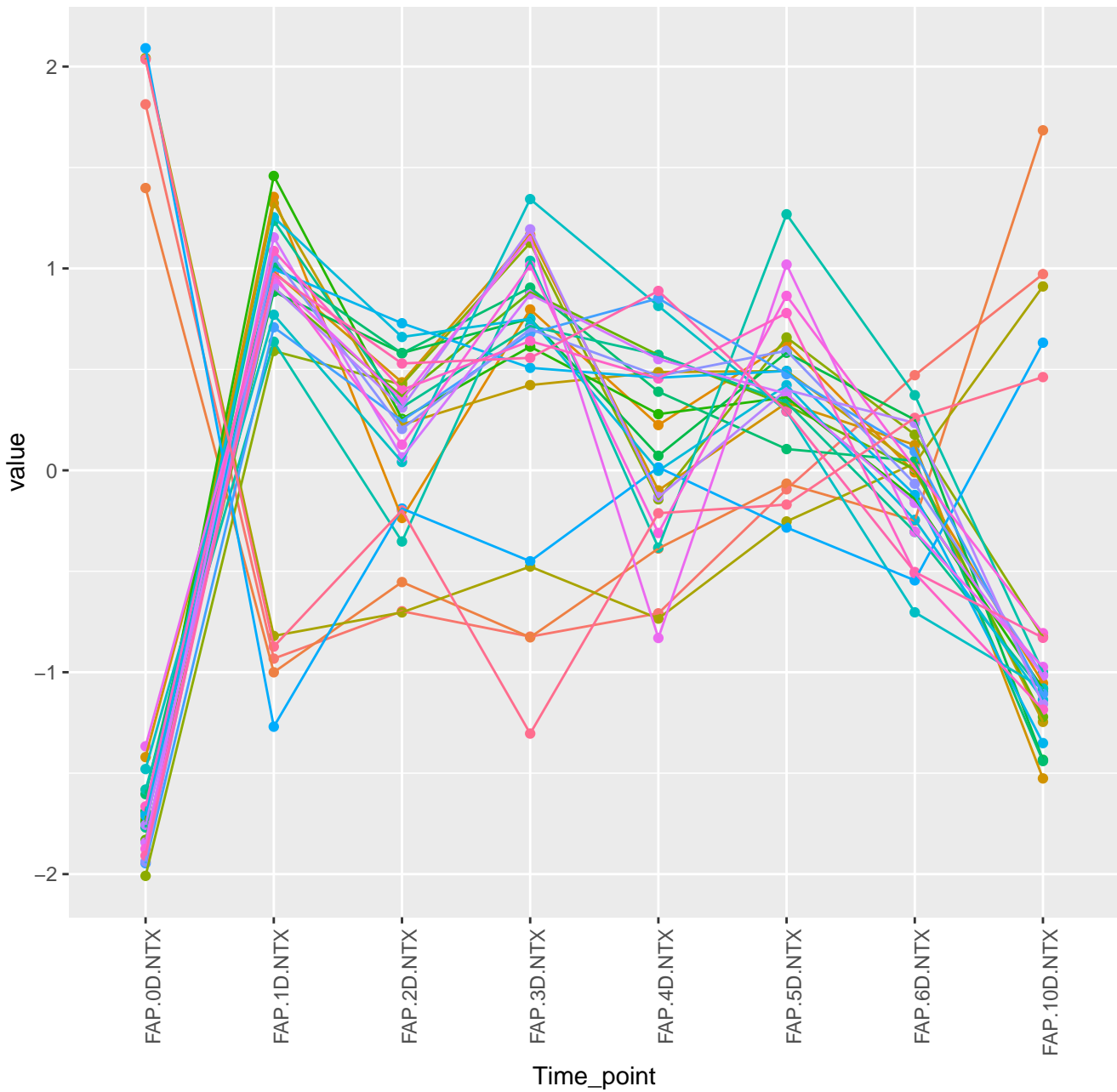
64 genes – cluster 114



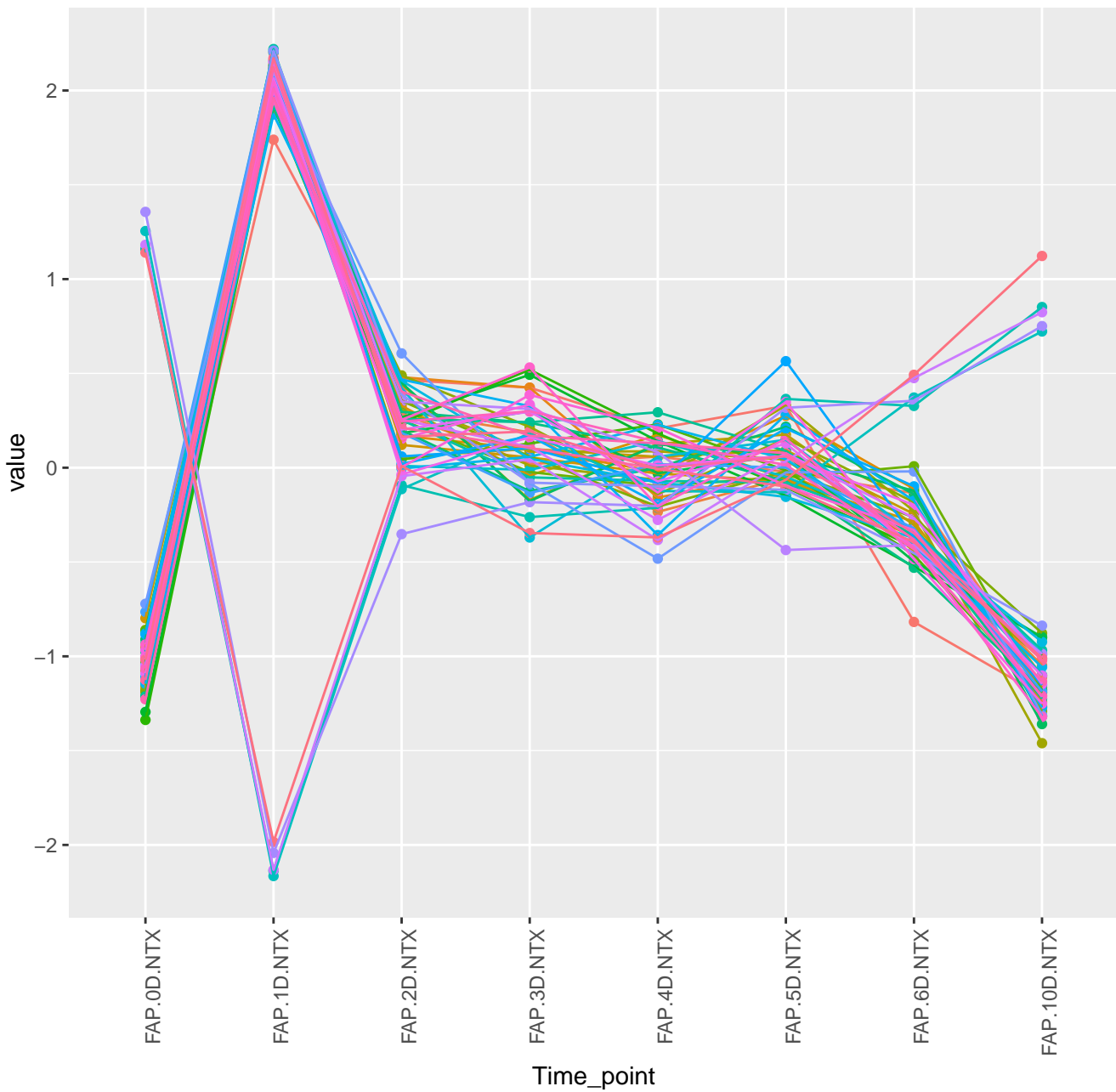
29 genes – cluster 115



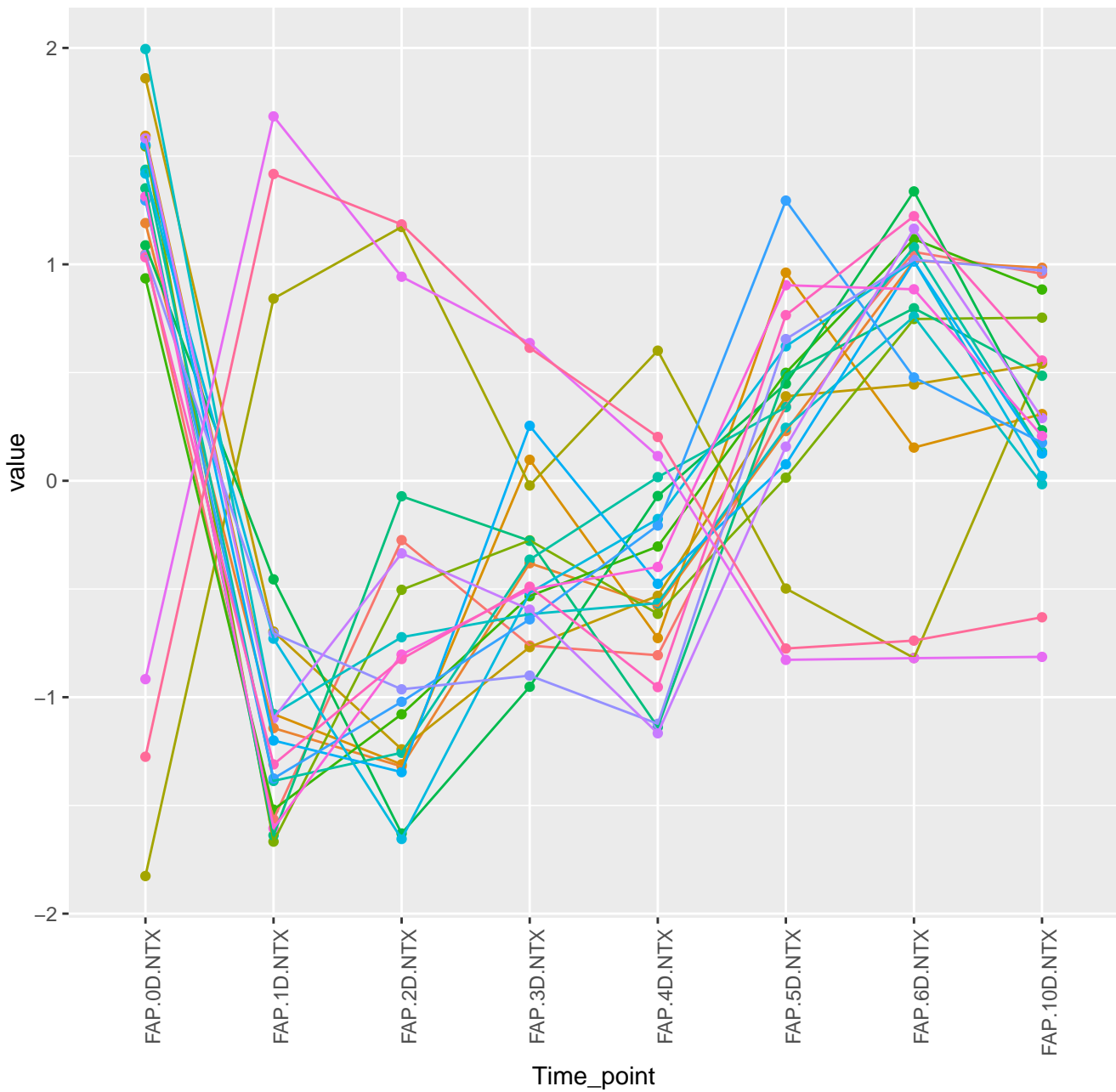
26 genes – cluster 116



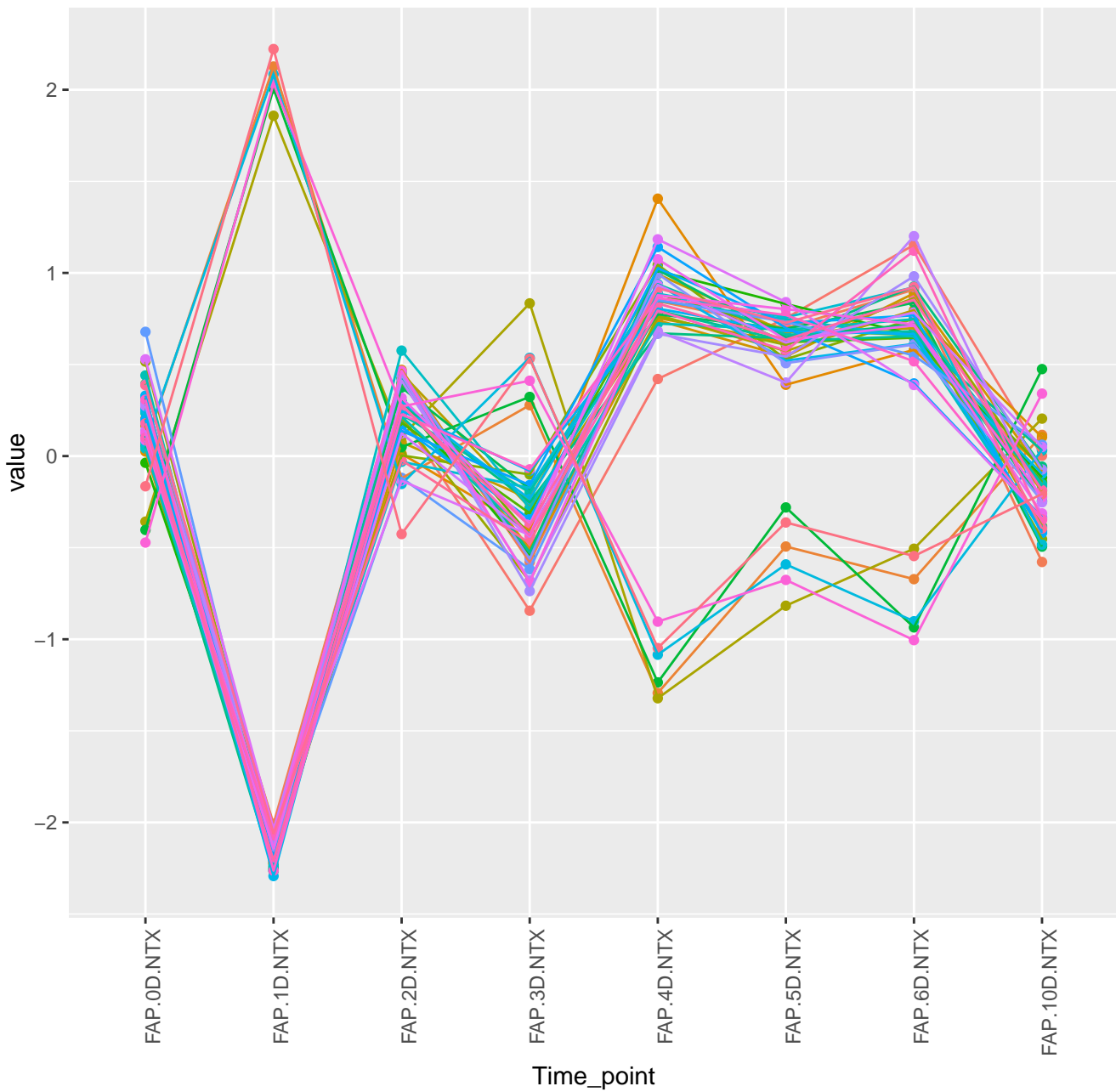
49 genes – cluster 117



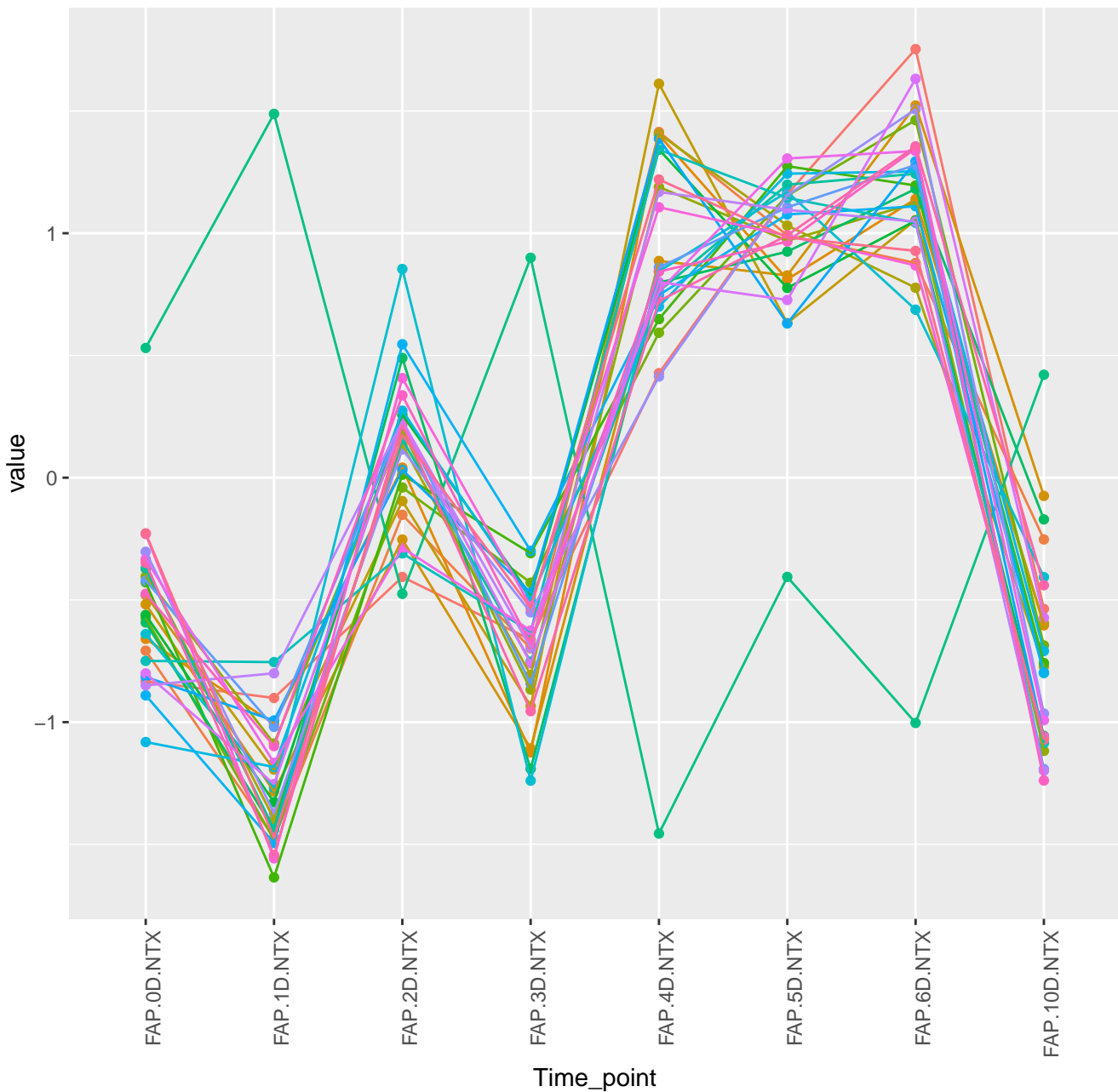
20 genes – cluster 118



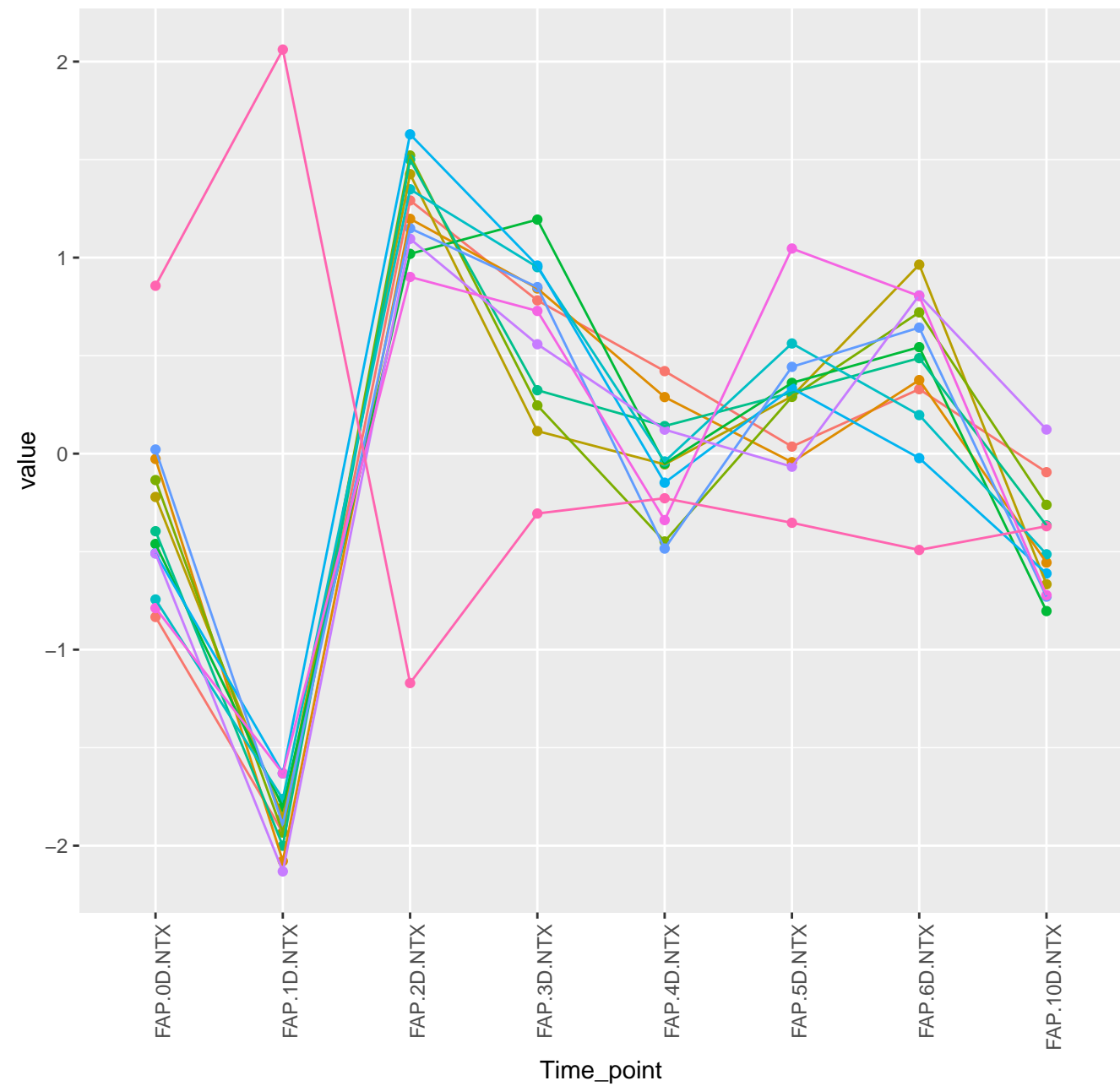
42 genes – cluster 119



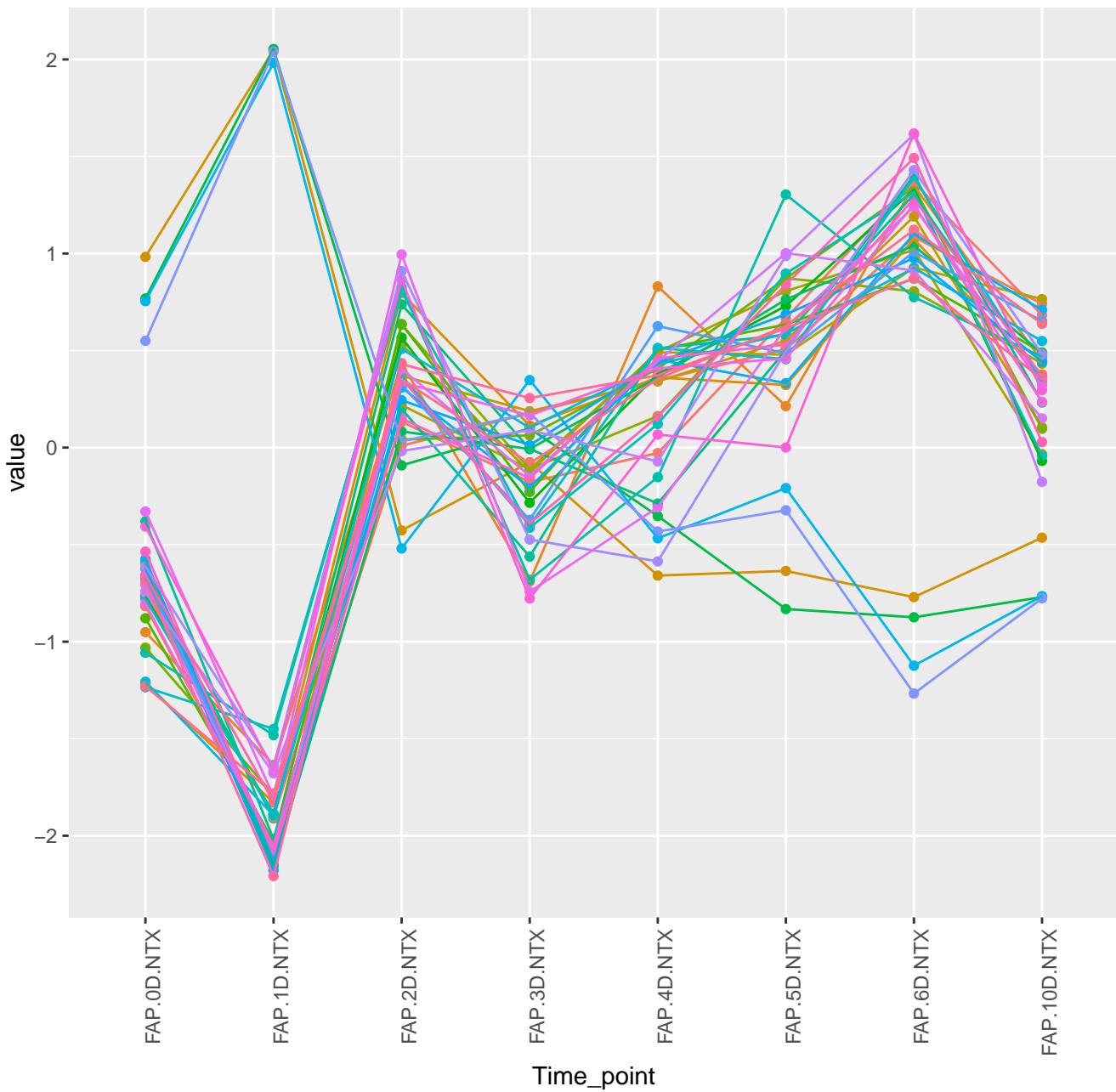
27 genes – cluster 120



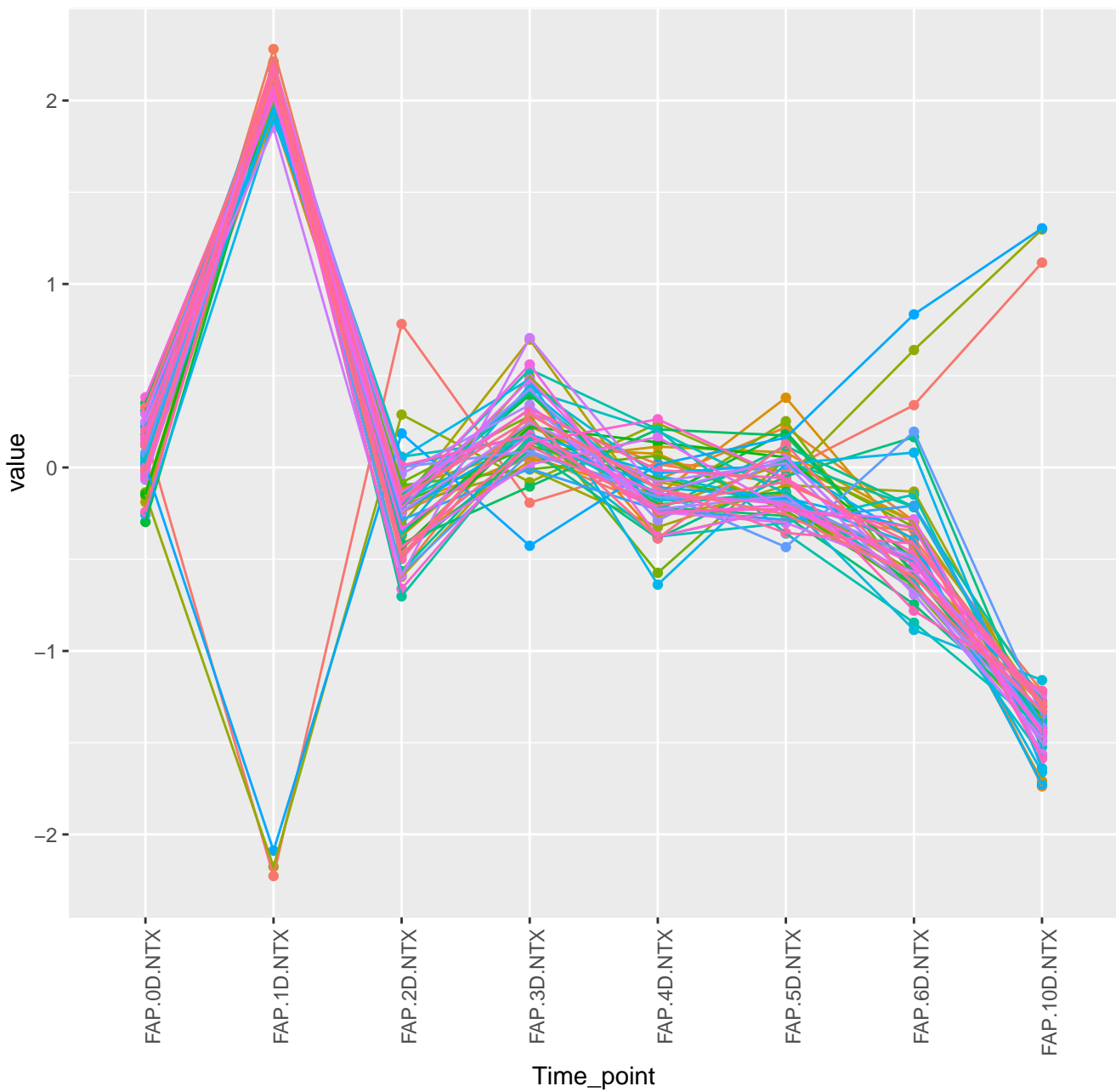
12 genes – cluster 121



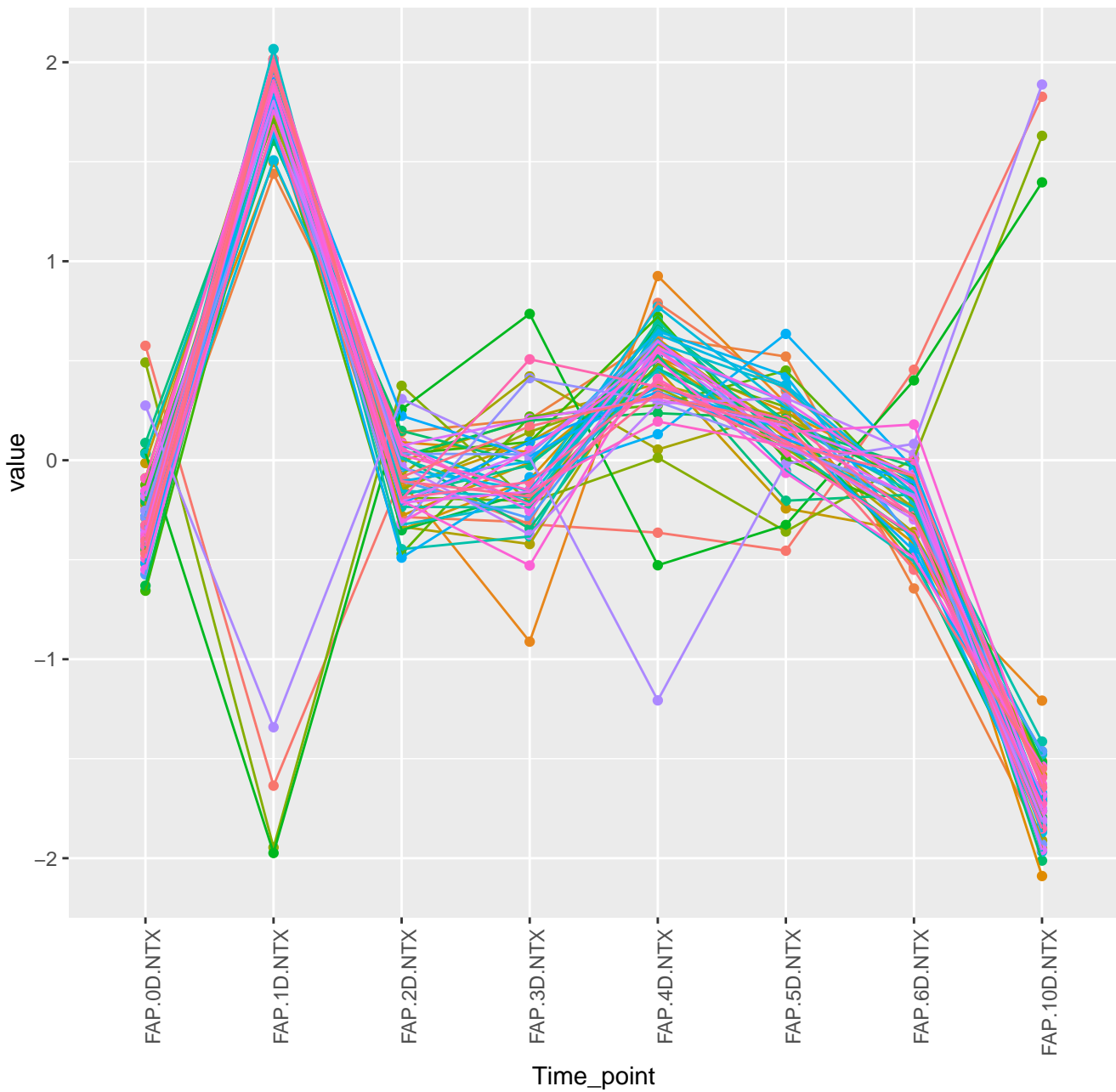
35 genes – cluster 122



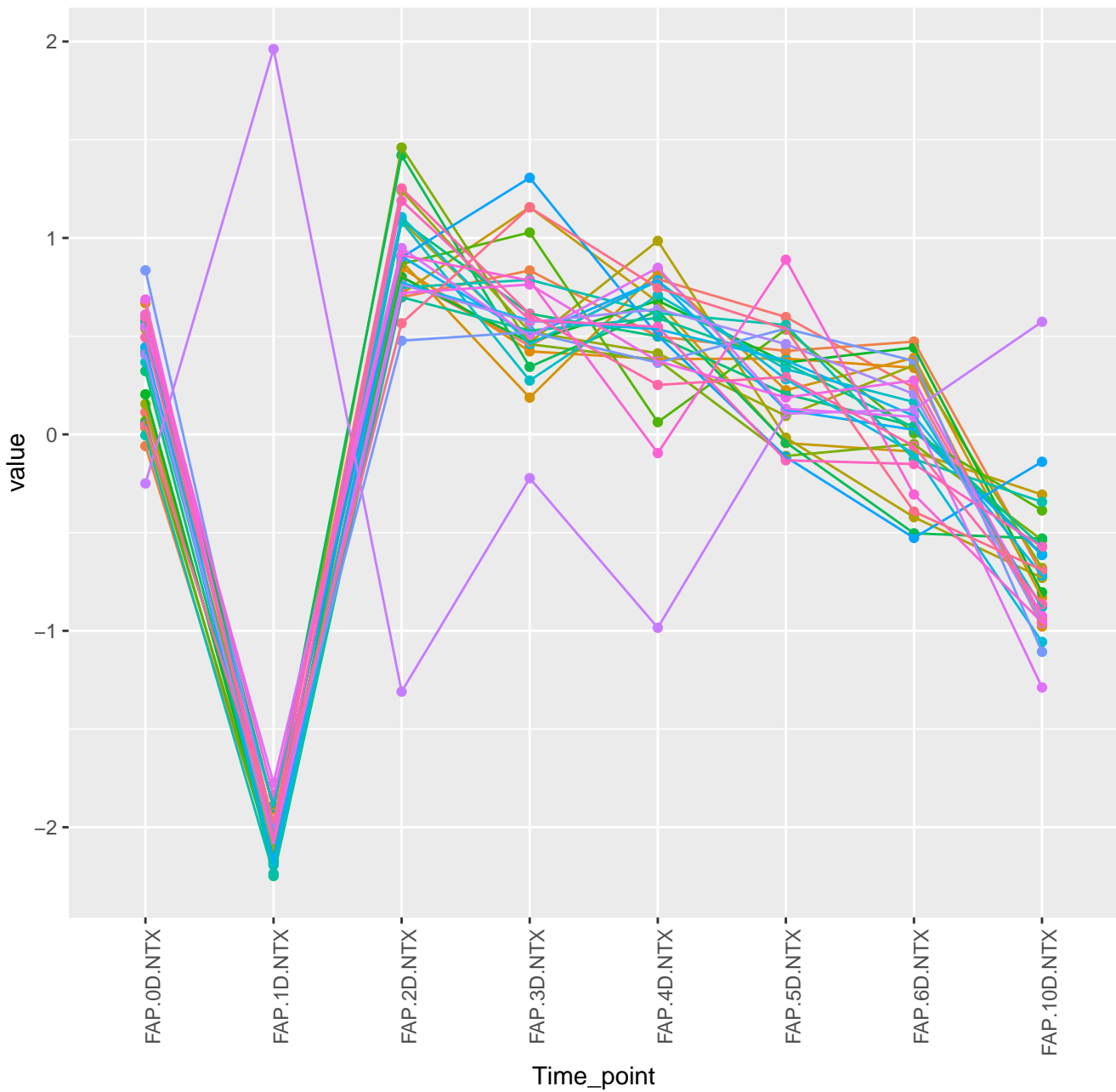
54 genes – cluster 123



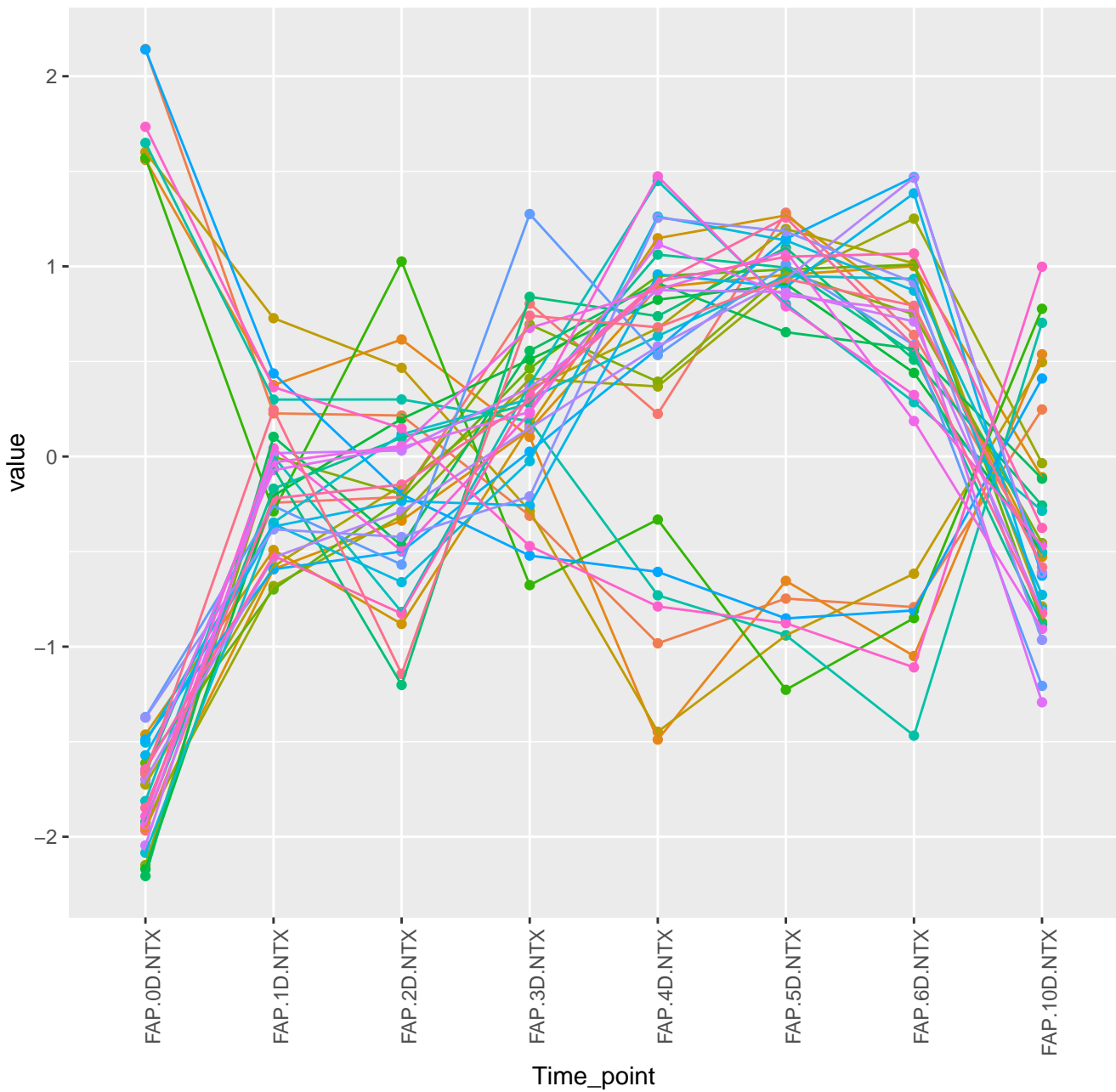
50 genes – cluster 124



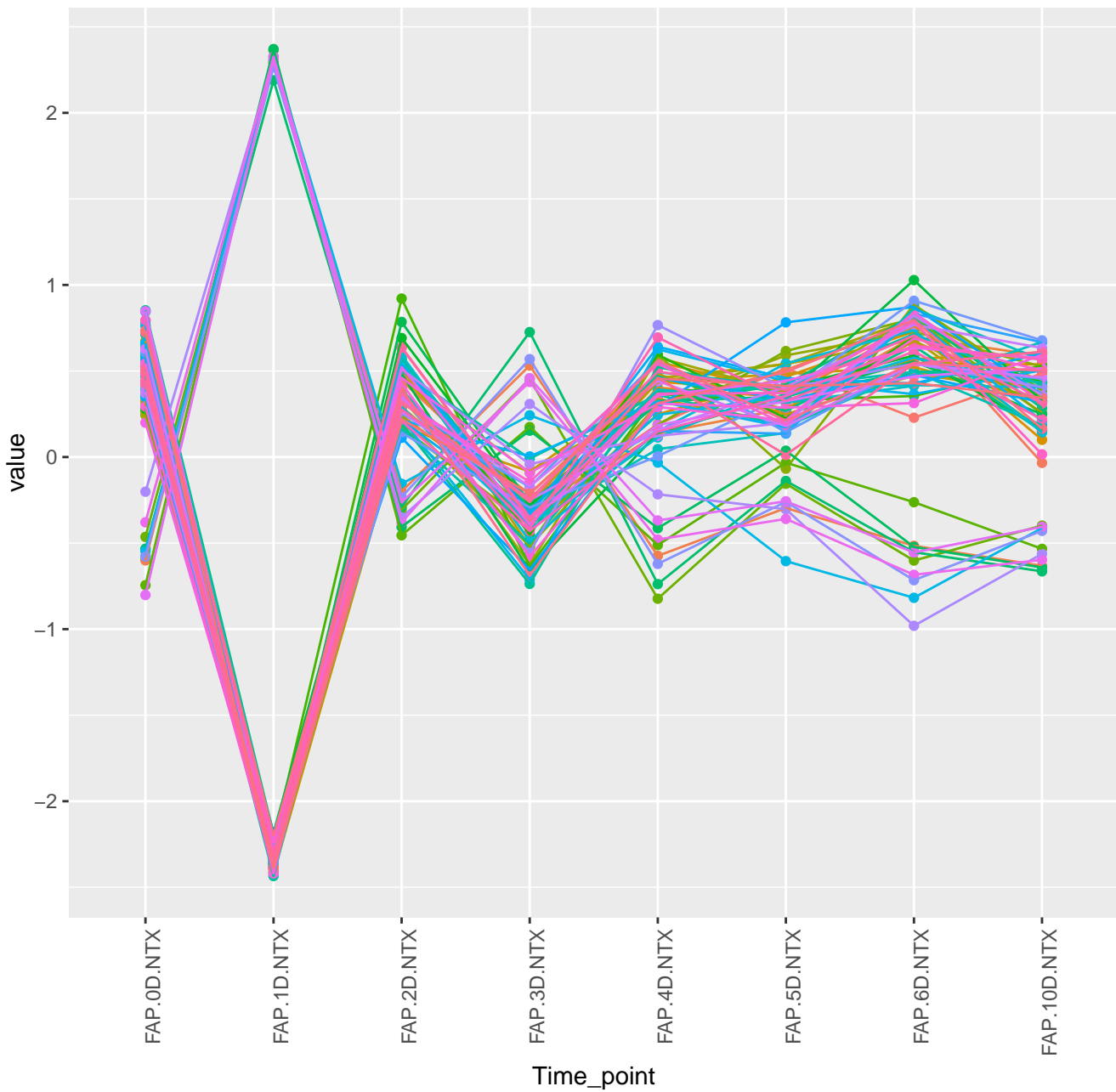
28 genes – cluster 125



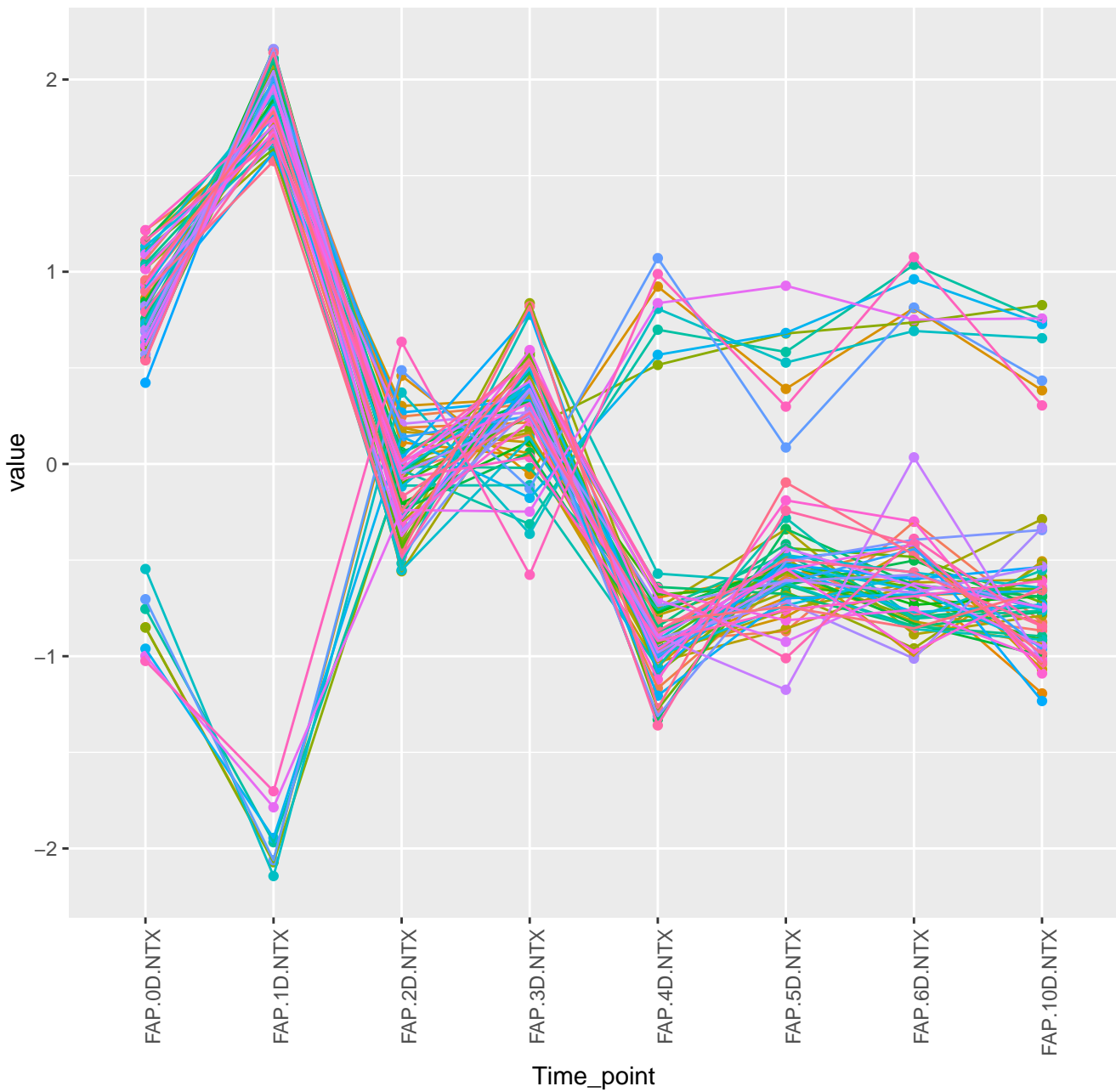
33 genes – cluster 126



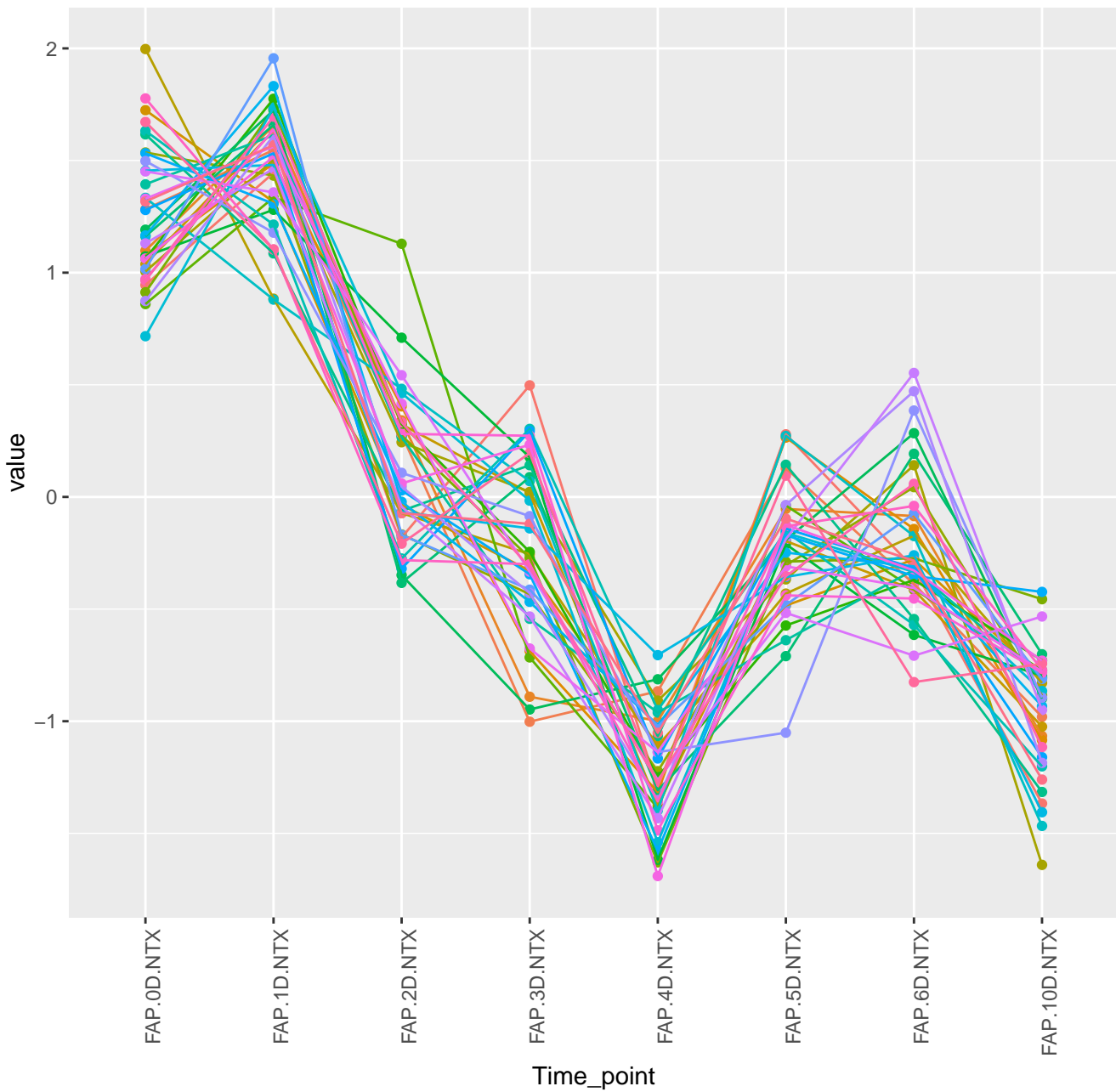
68 genes – cluster 127



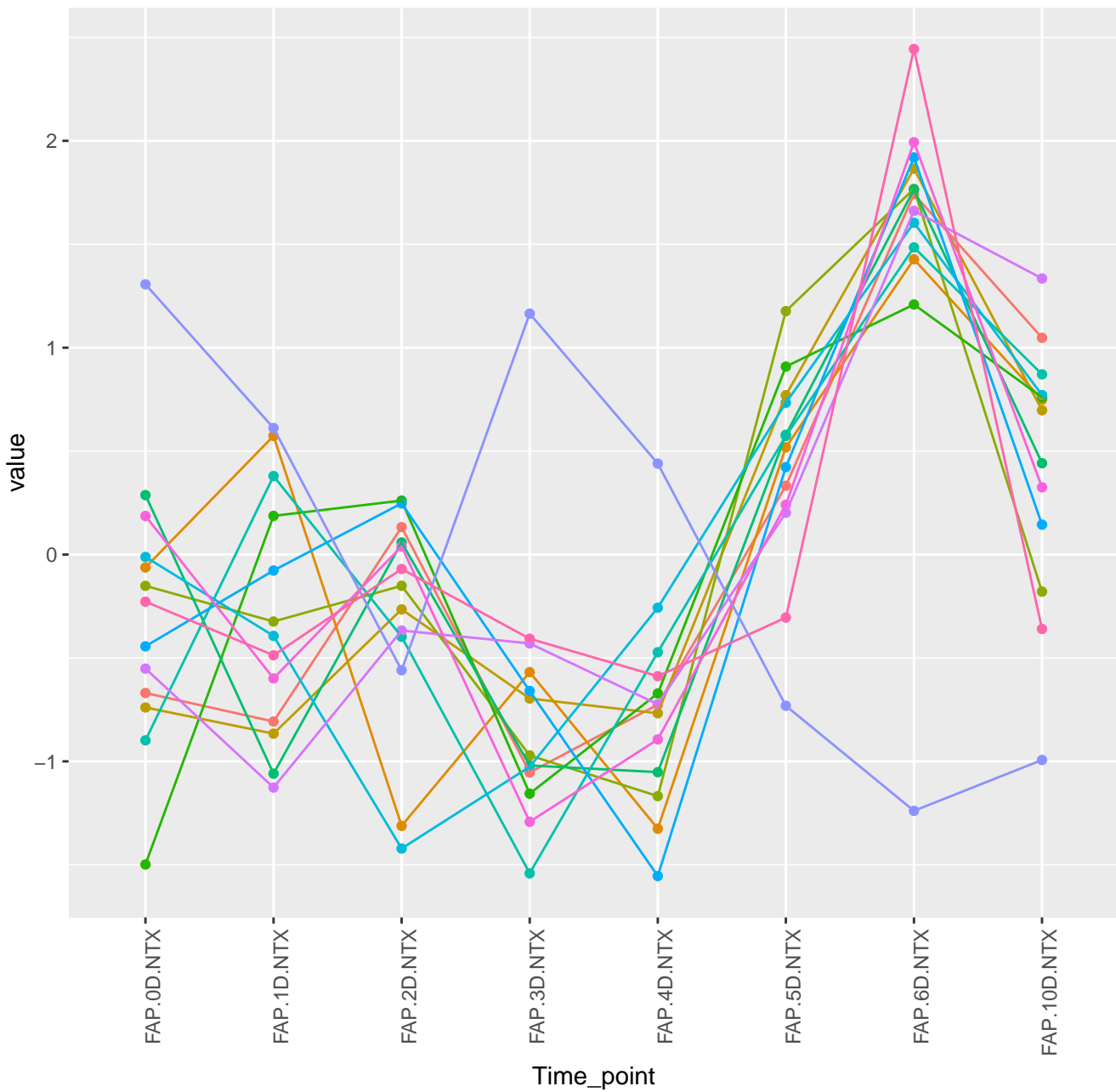
60 genes – cluster 128



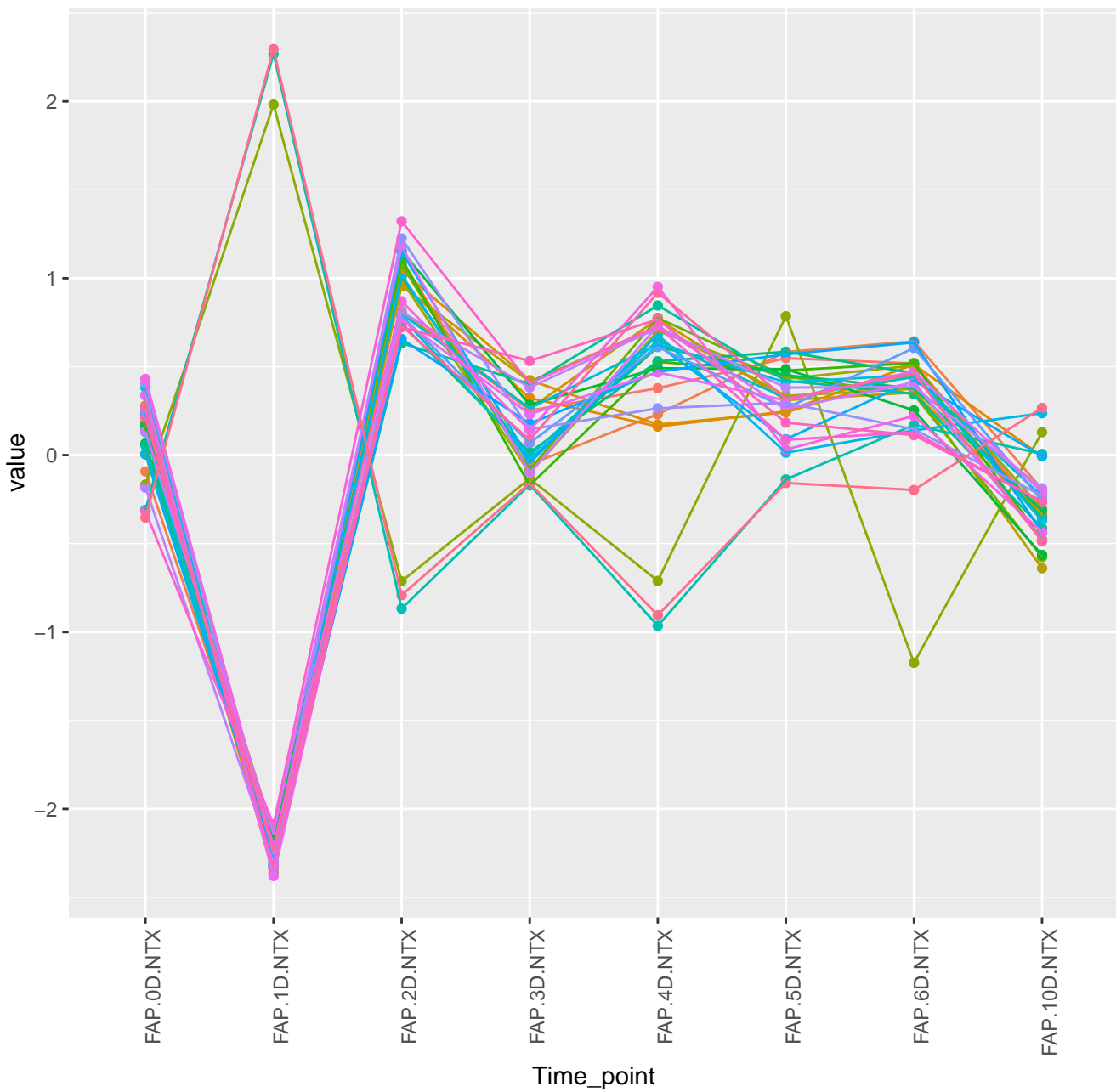
36 genes – cluster 129



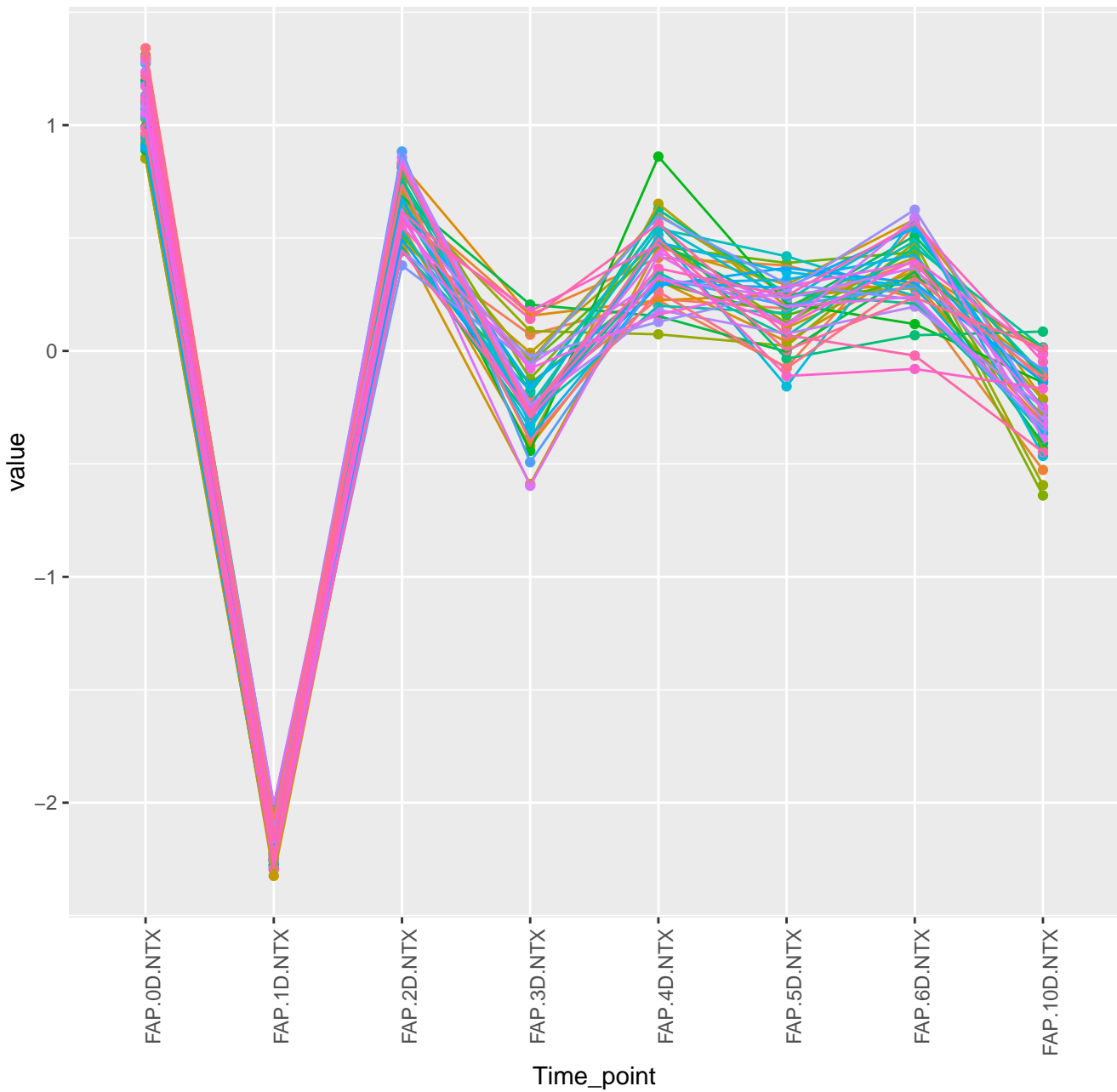
13 genes – cluster 130



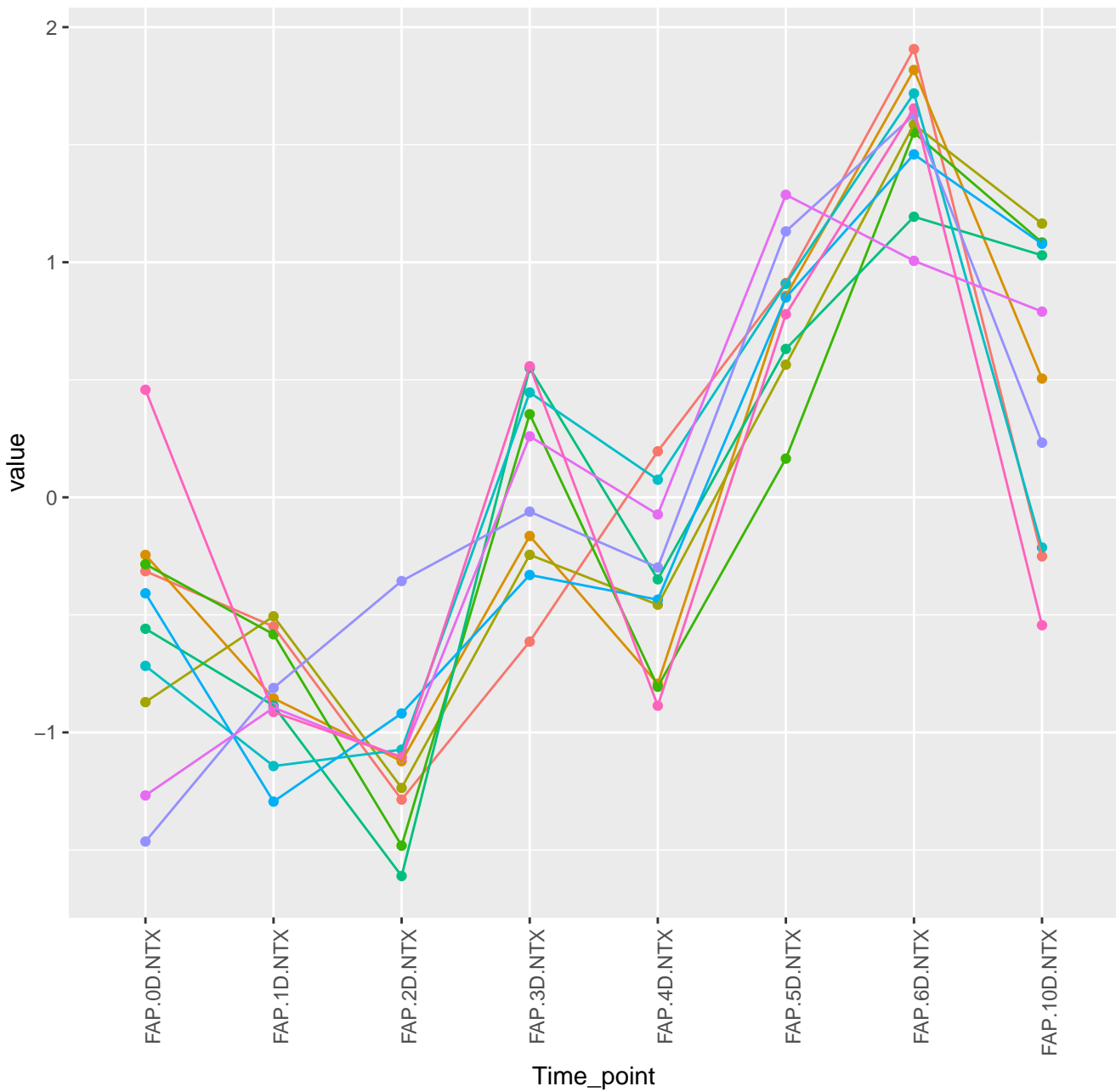
30 genes – cluster 131



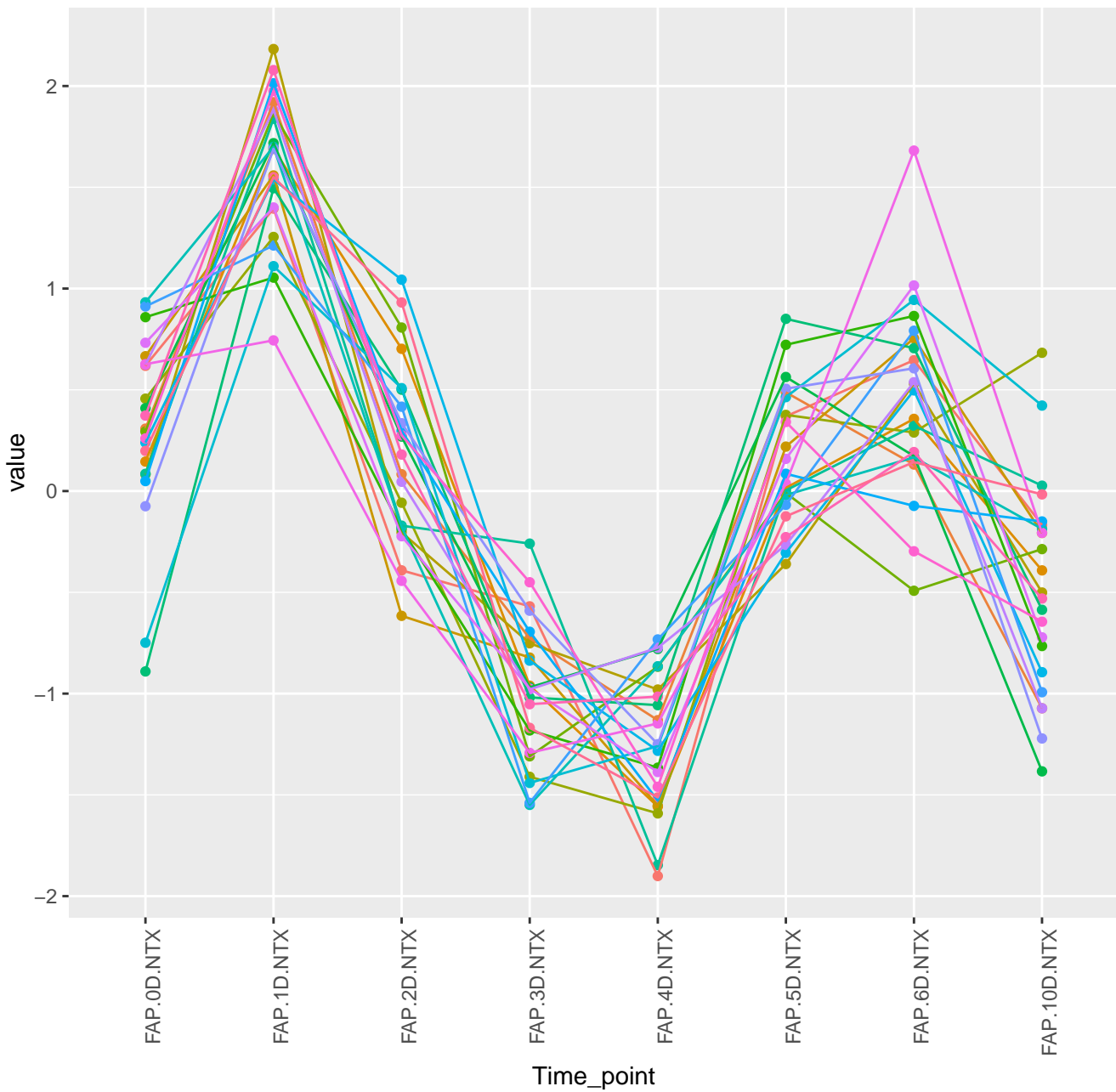
41 genes – cluster 132



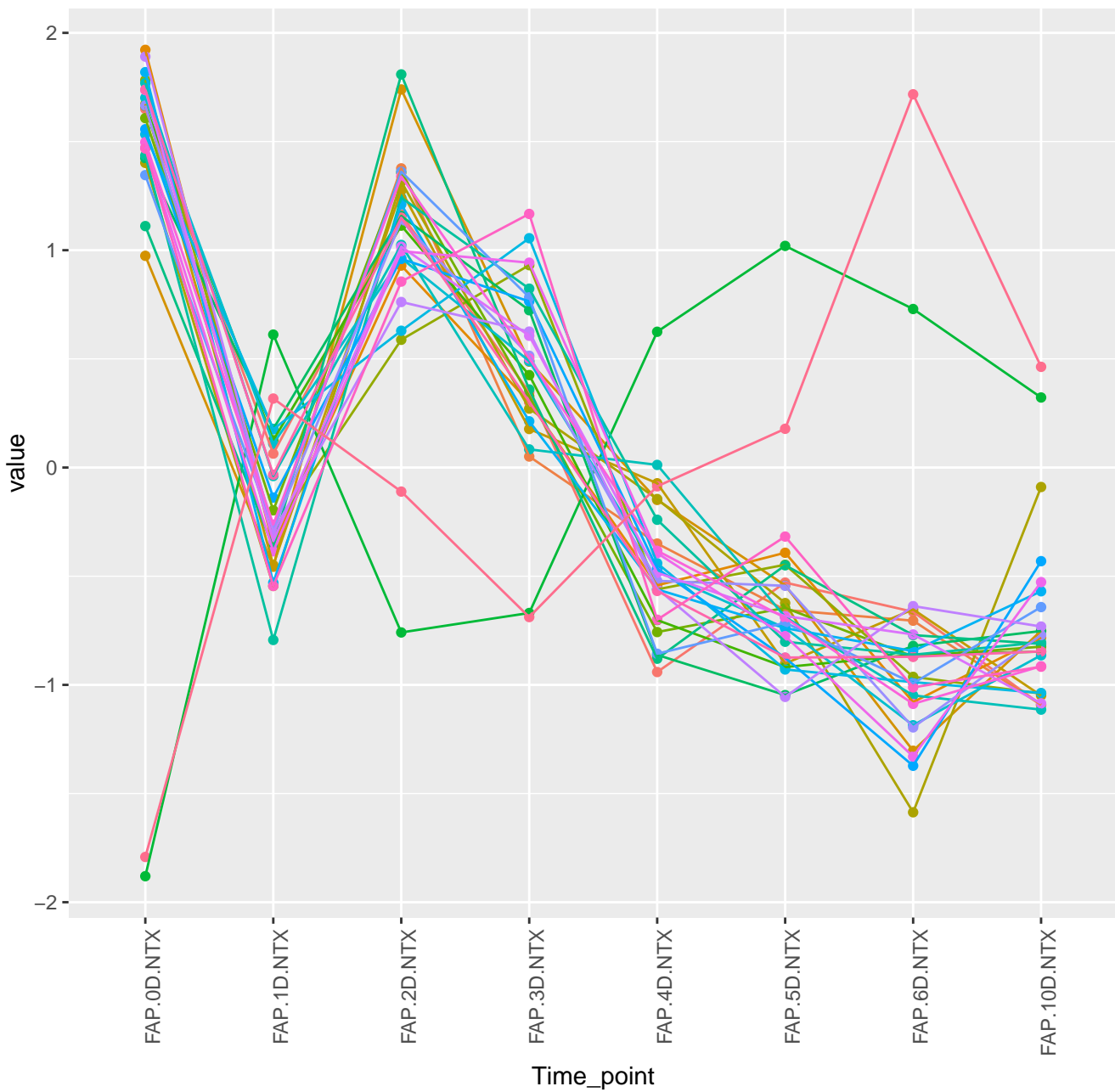
10 genes – cluster 133



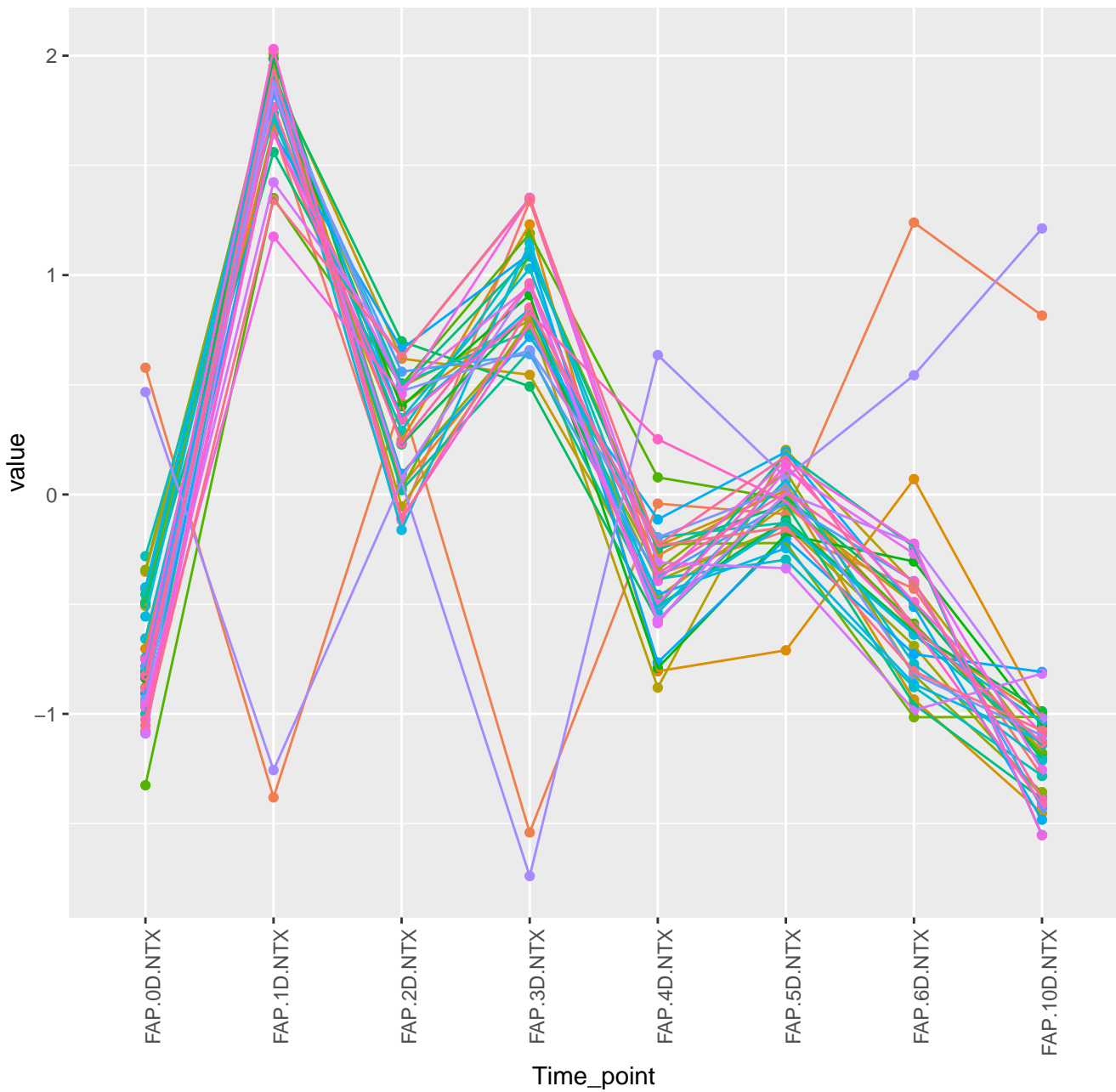
23 genes – cluster 134



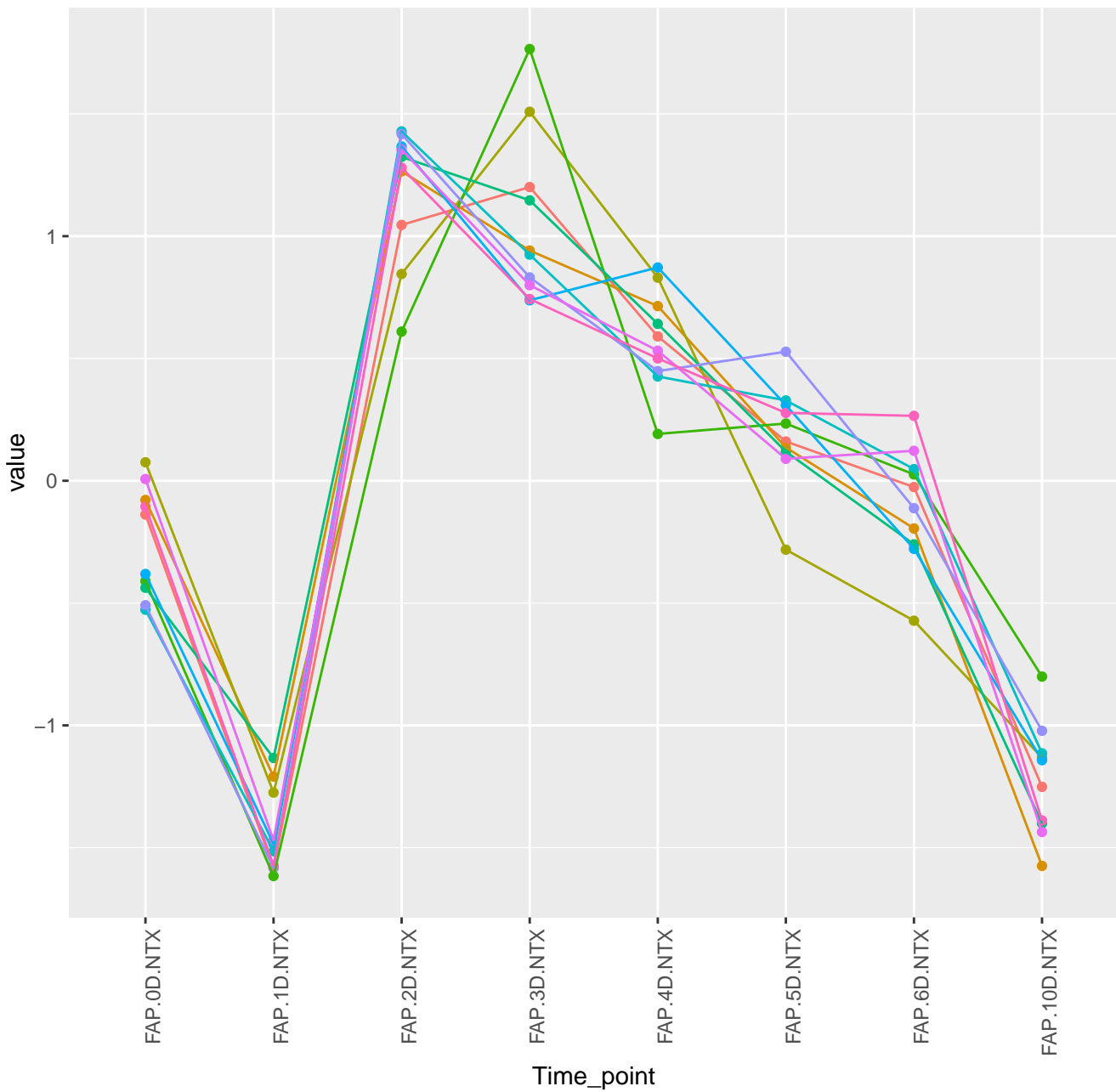
27 genes – cluster 135



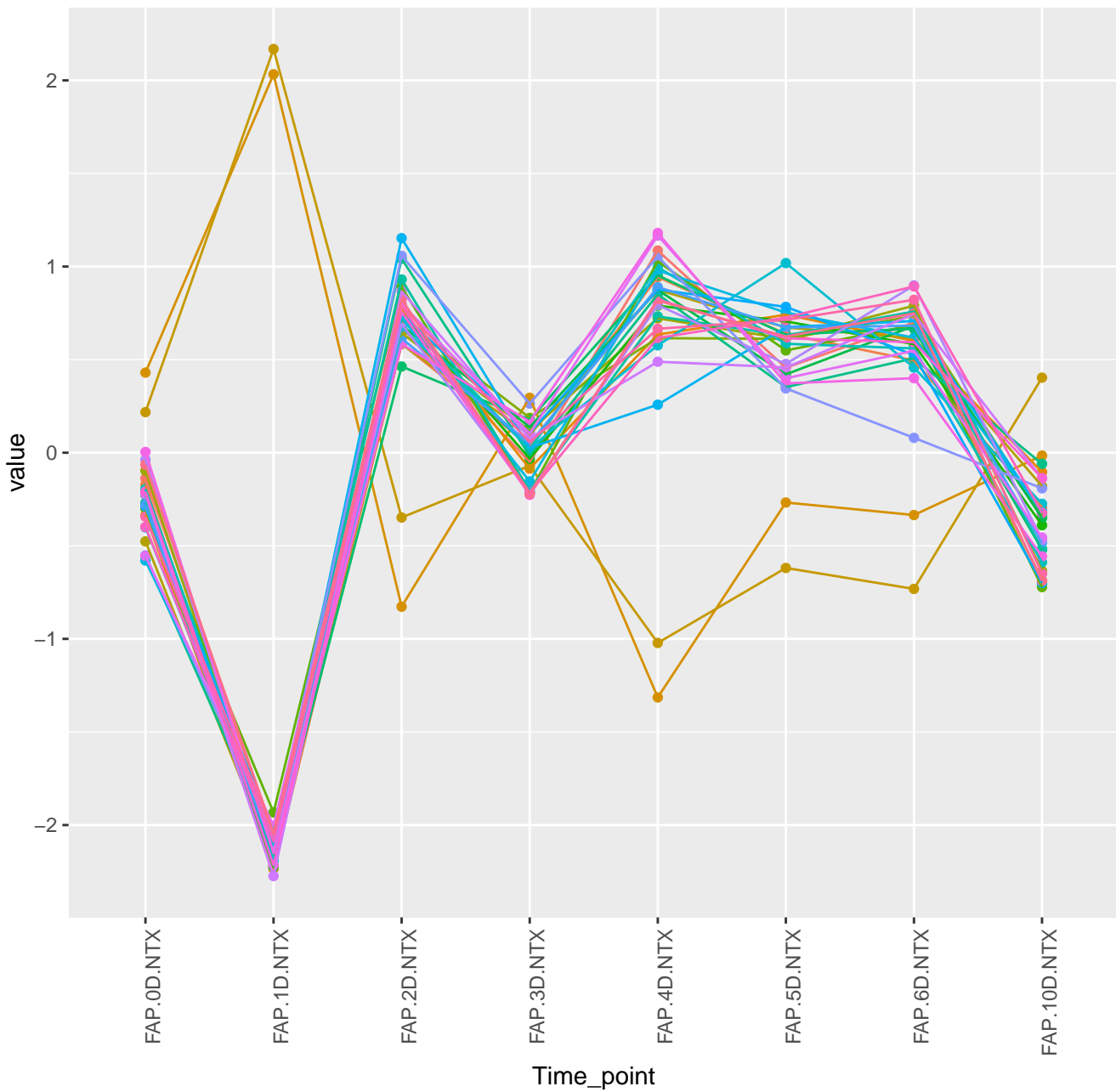
35 genes – cluster 136



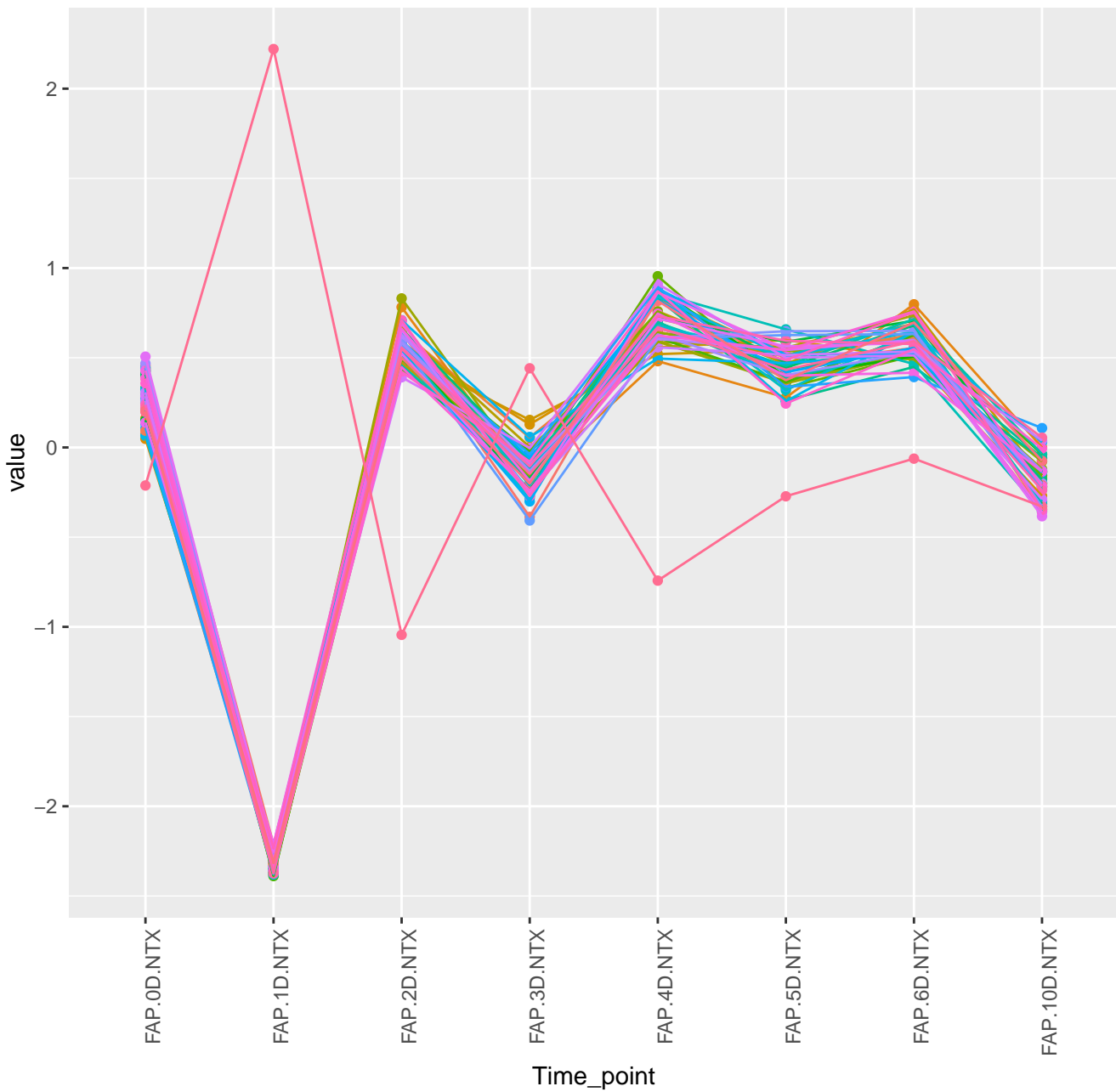
10 genes – cluster 137



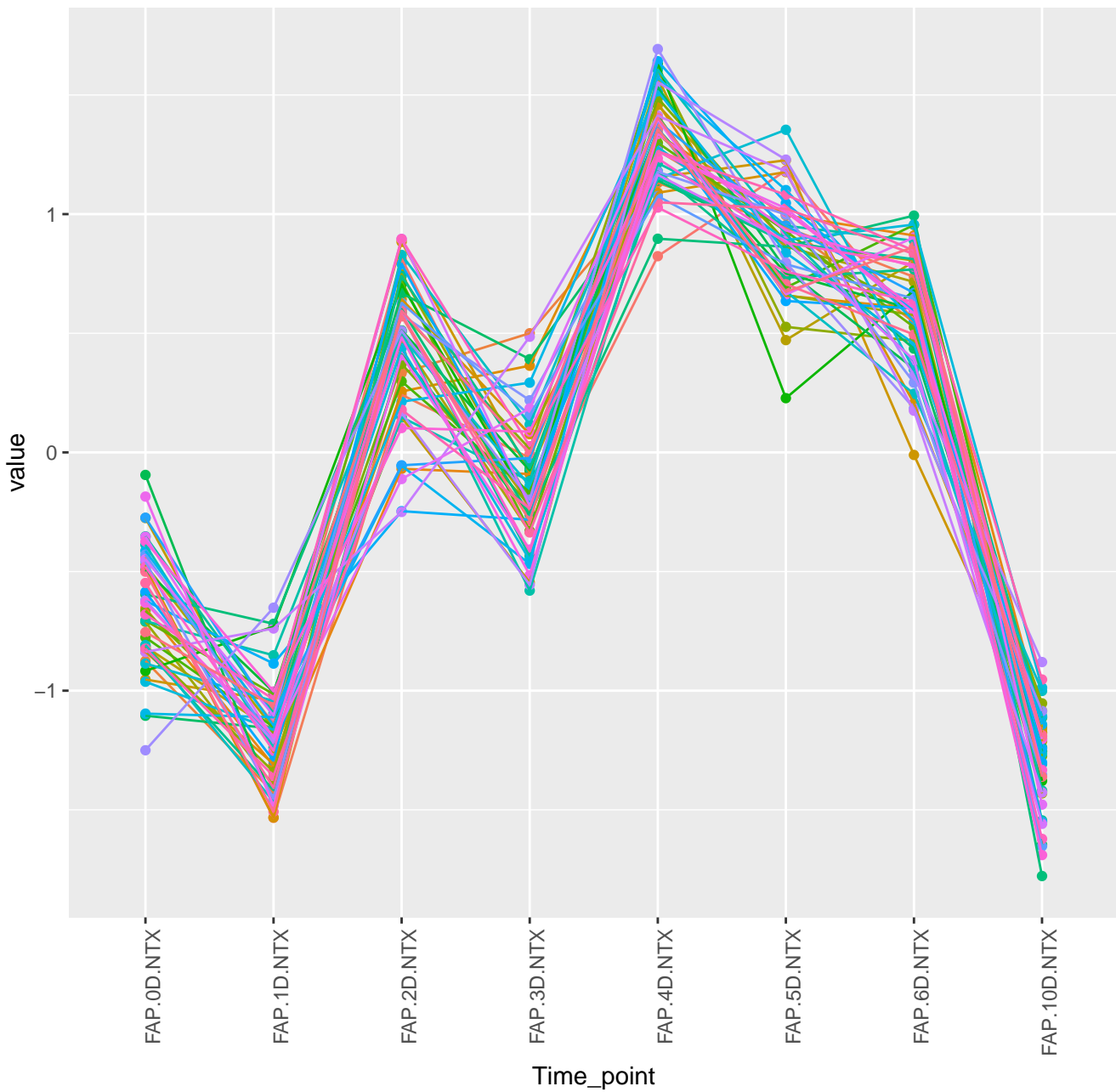
29 genes – cluster 138



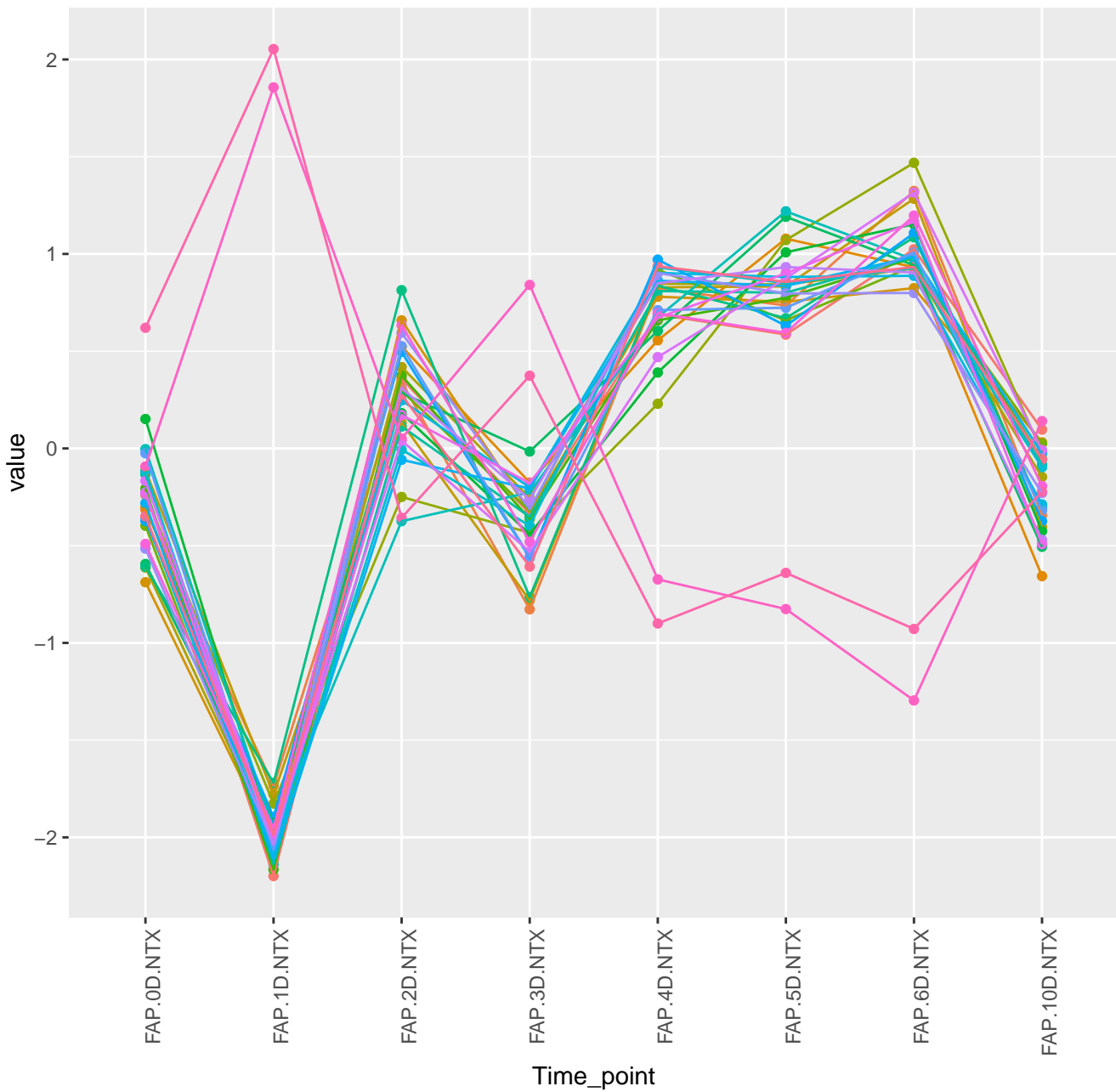
48 genes – cluster 139



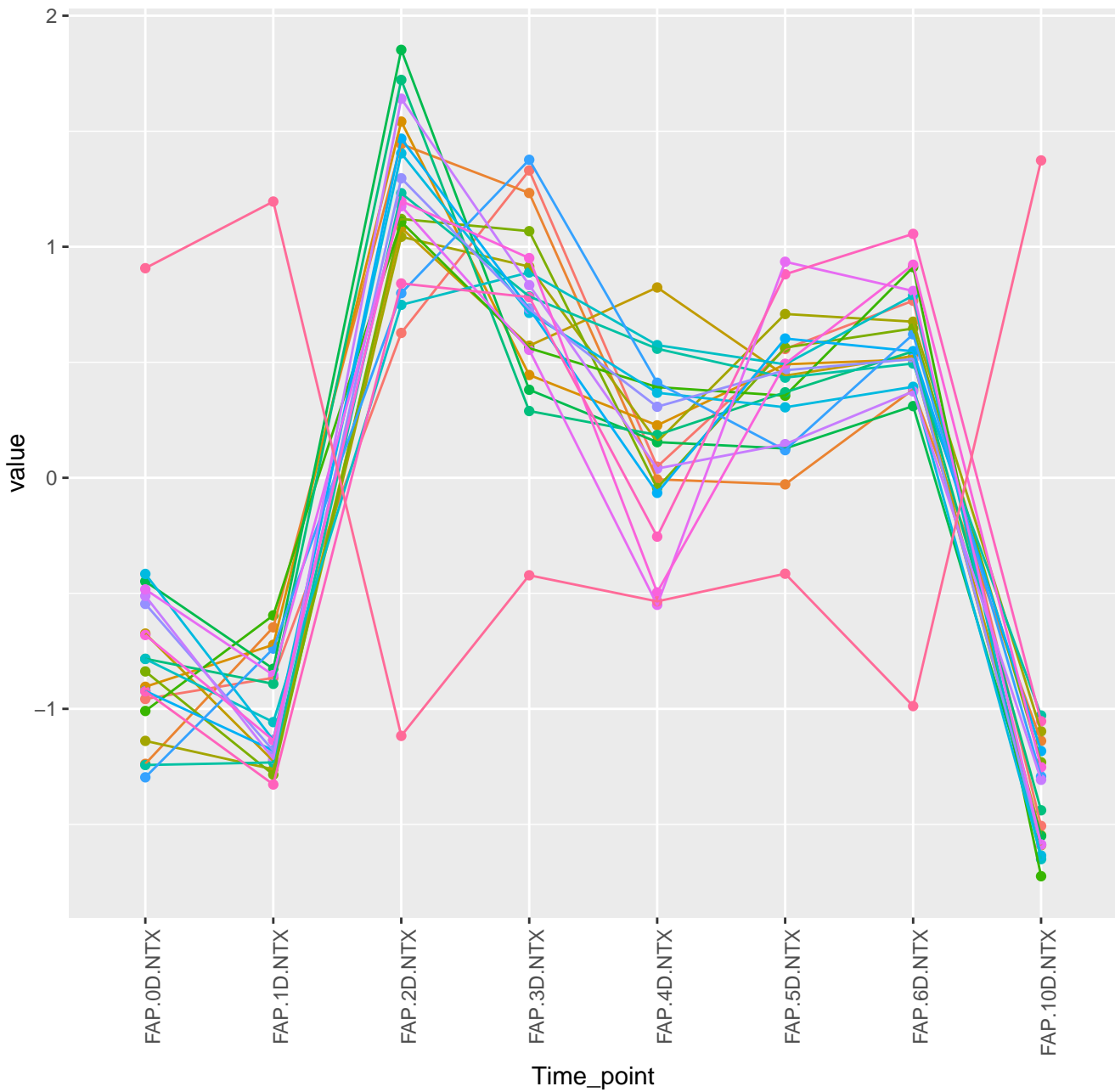
48 genes – cluster 140



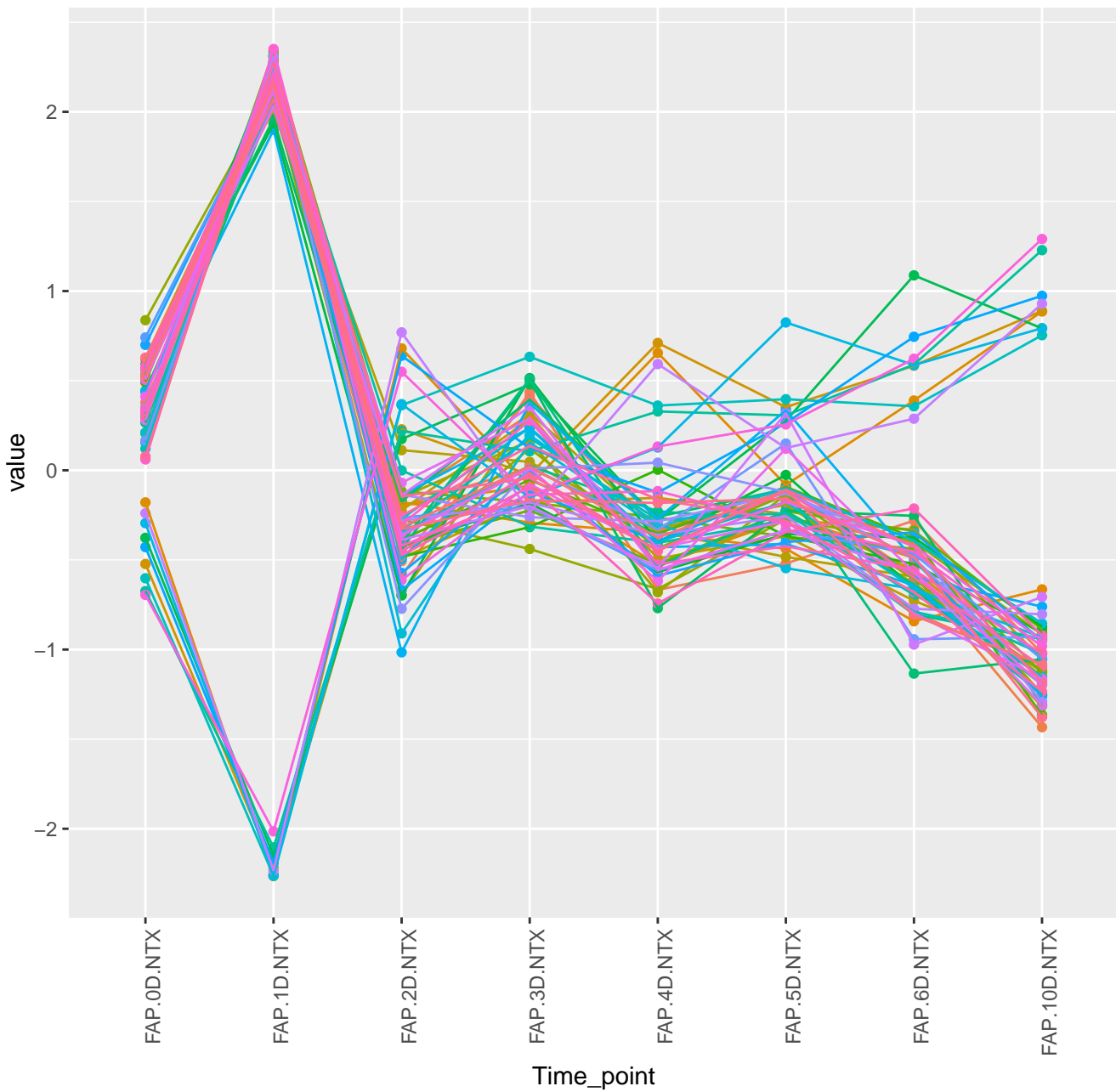
27 genes – cluster 141



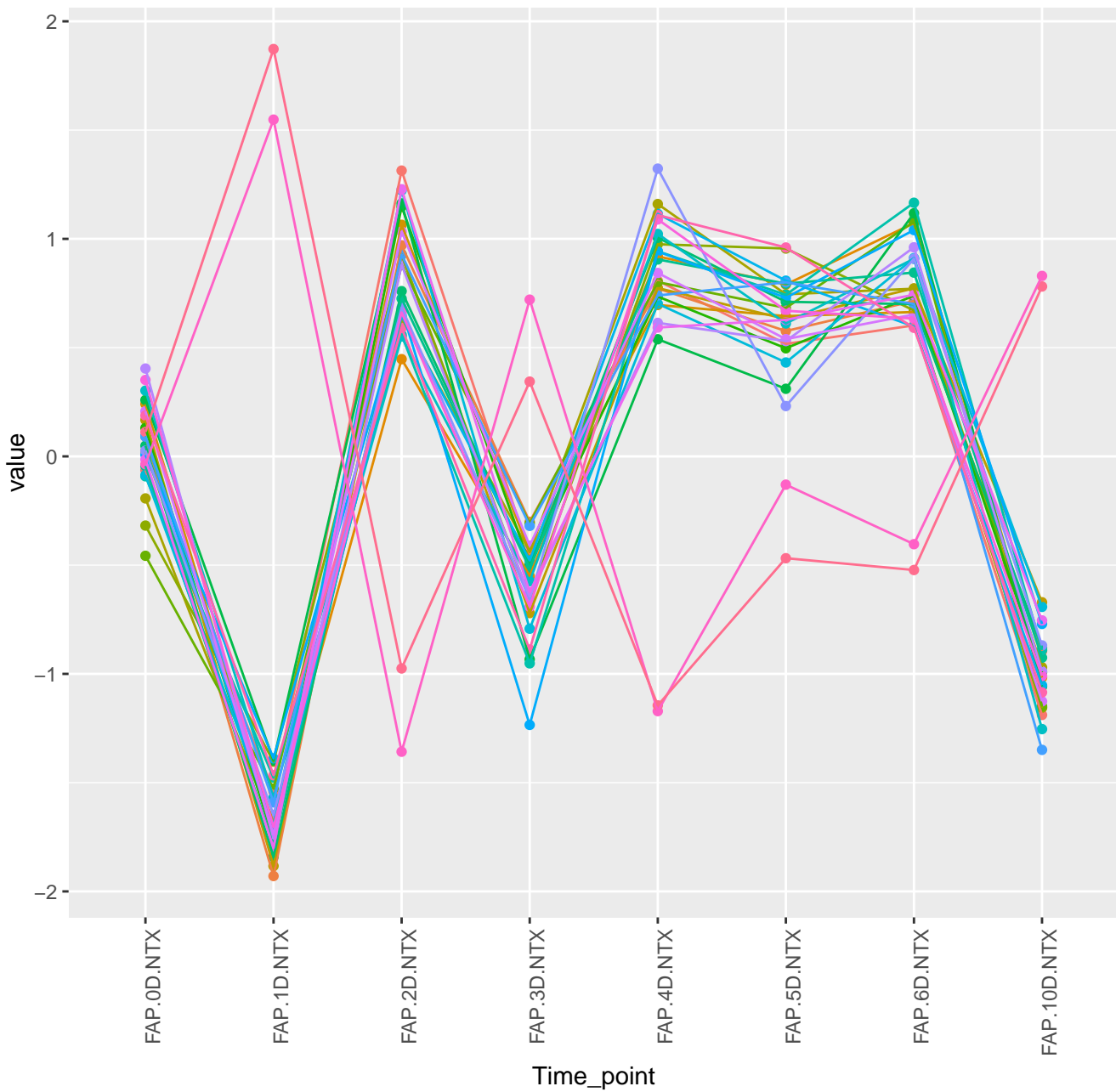
20 genes – cluster 142



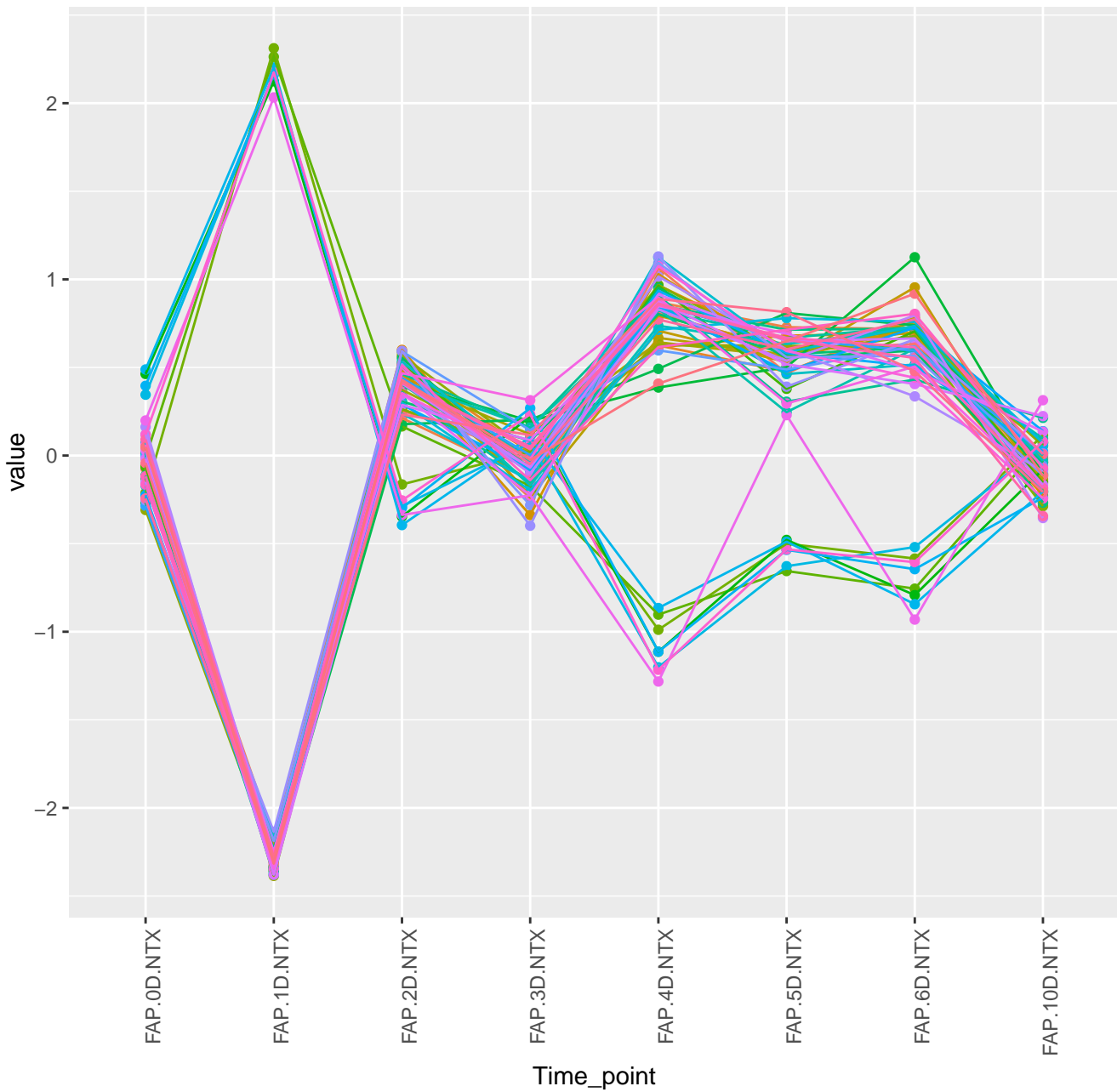
59 genes – cluster 143



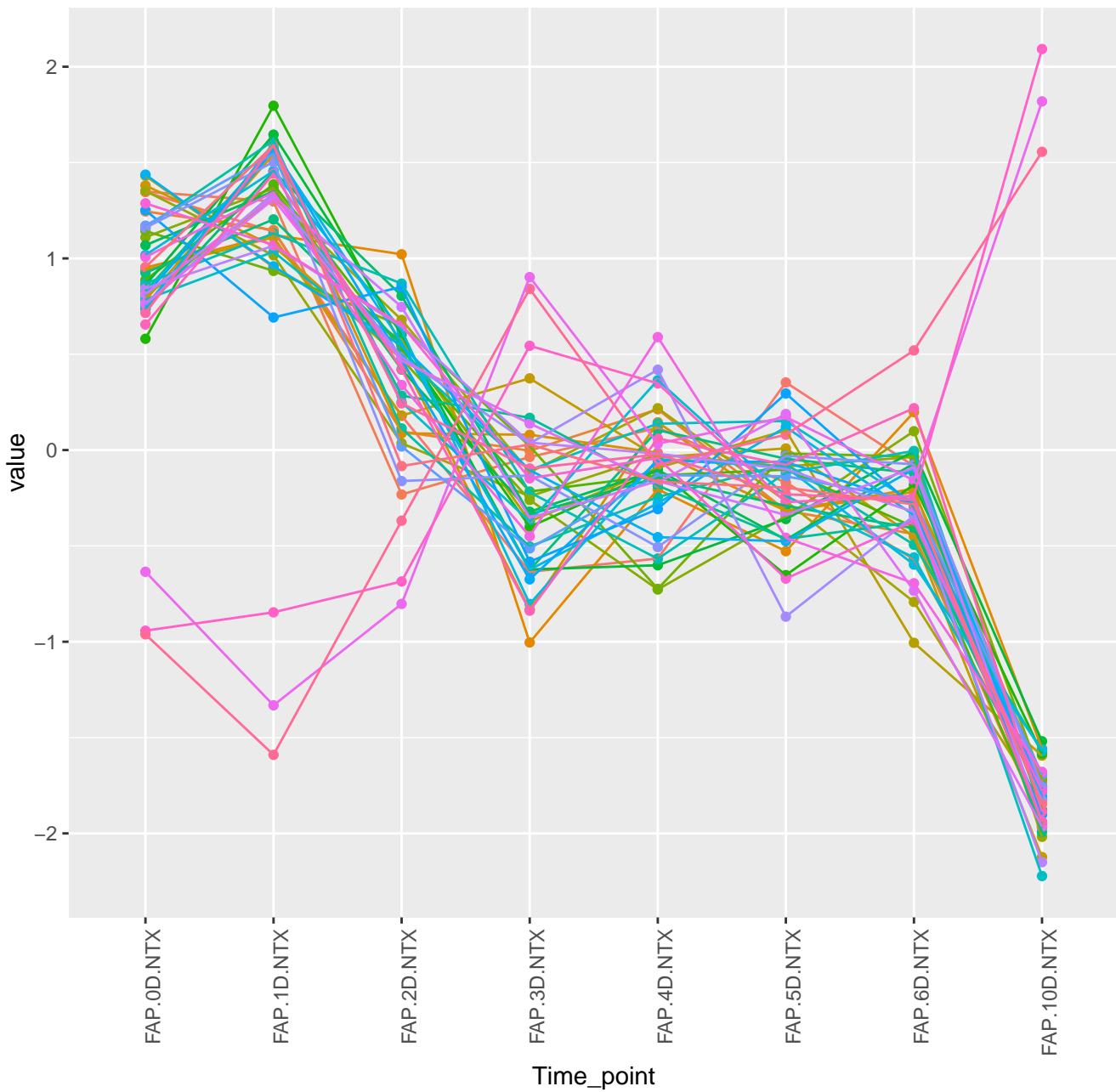
26 genes – cluster 144



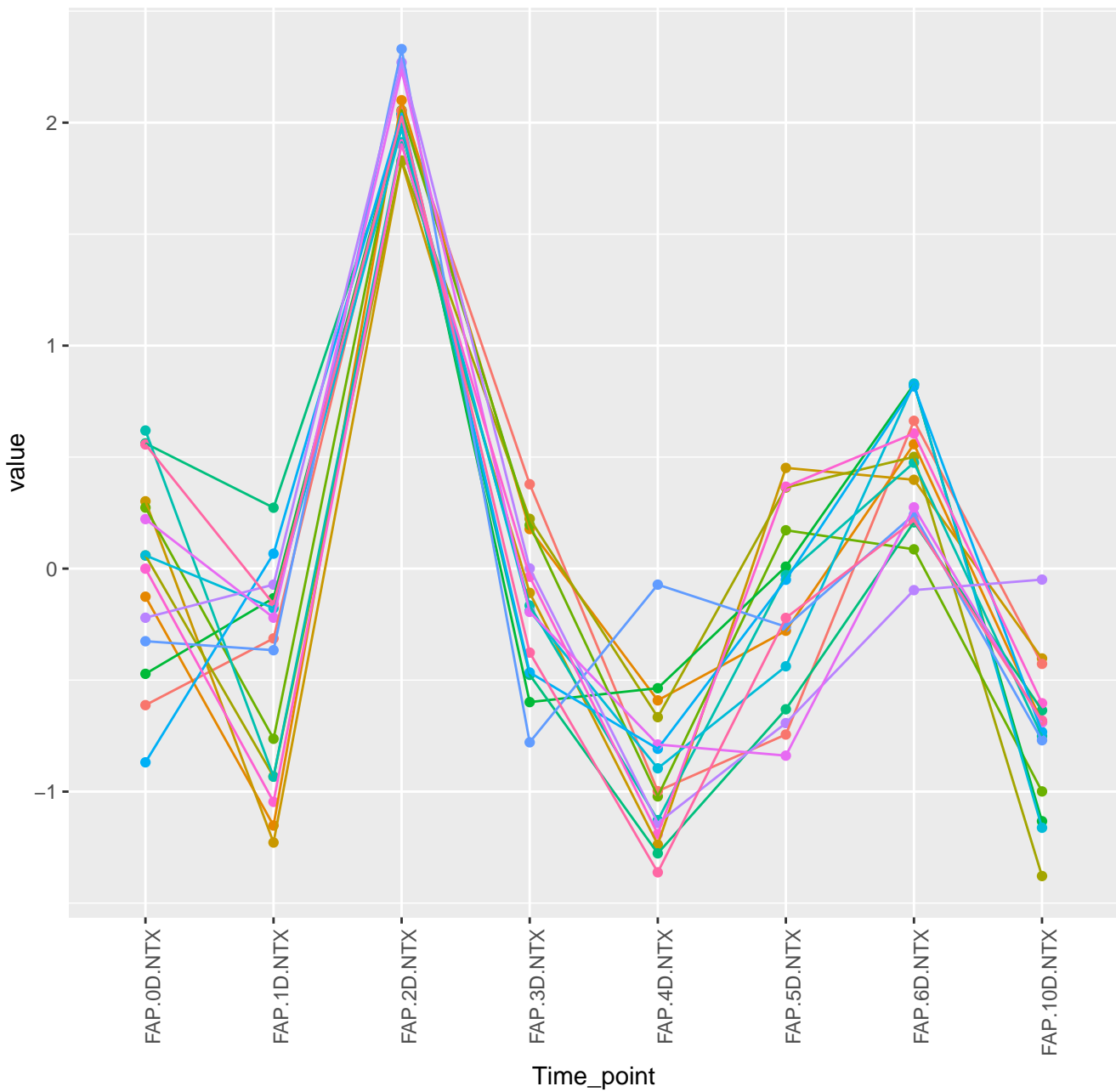
54 genes – cluster 145



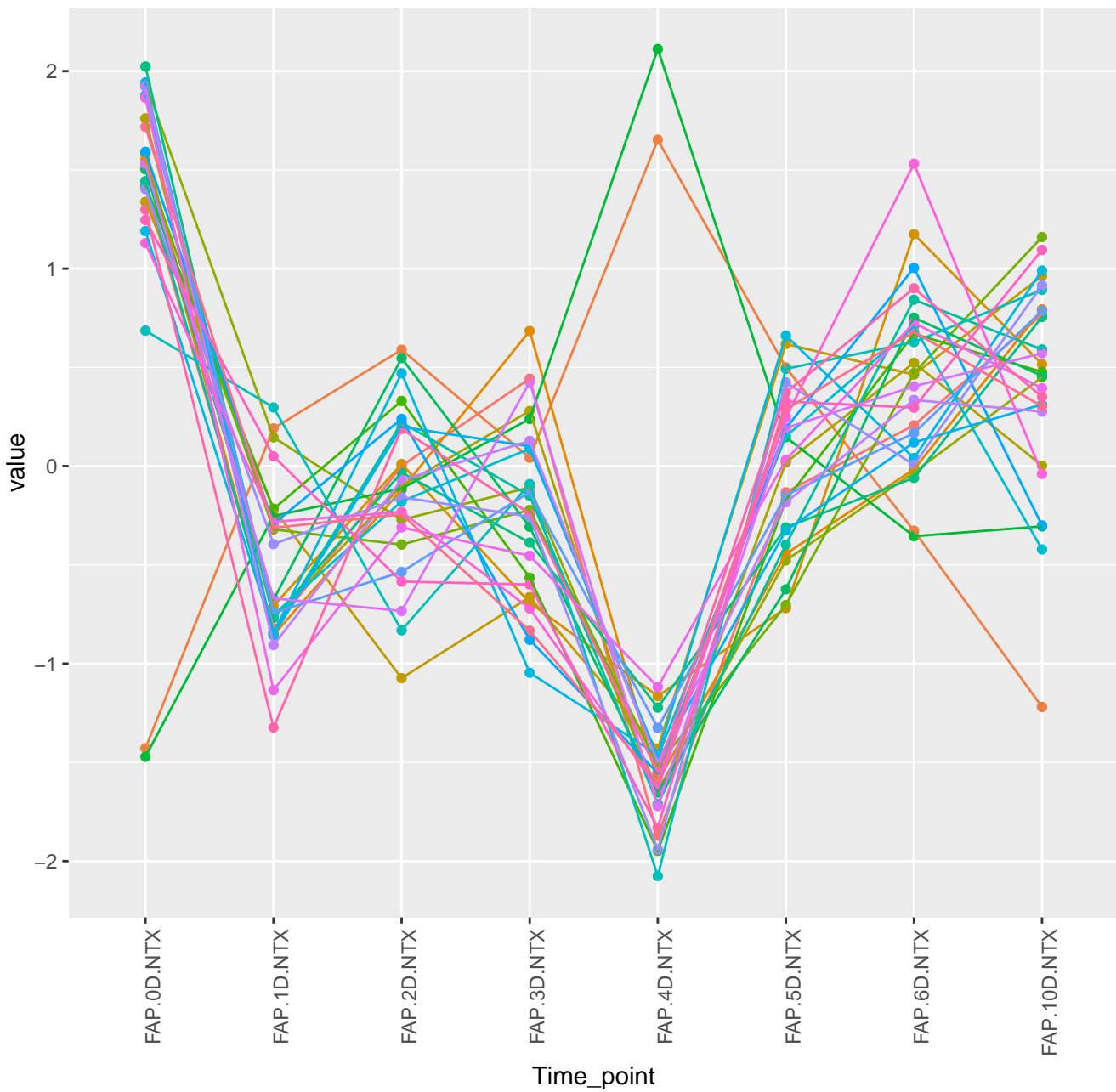
42 genes – cluster 146



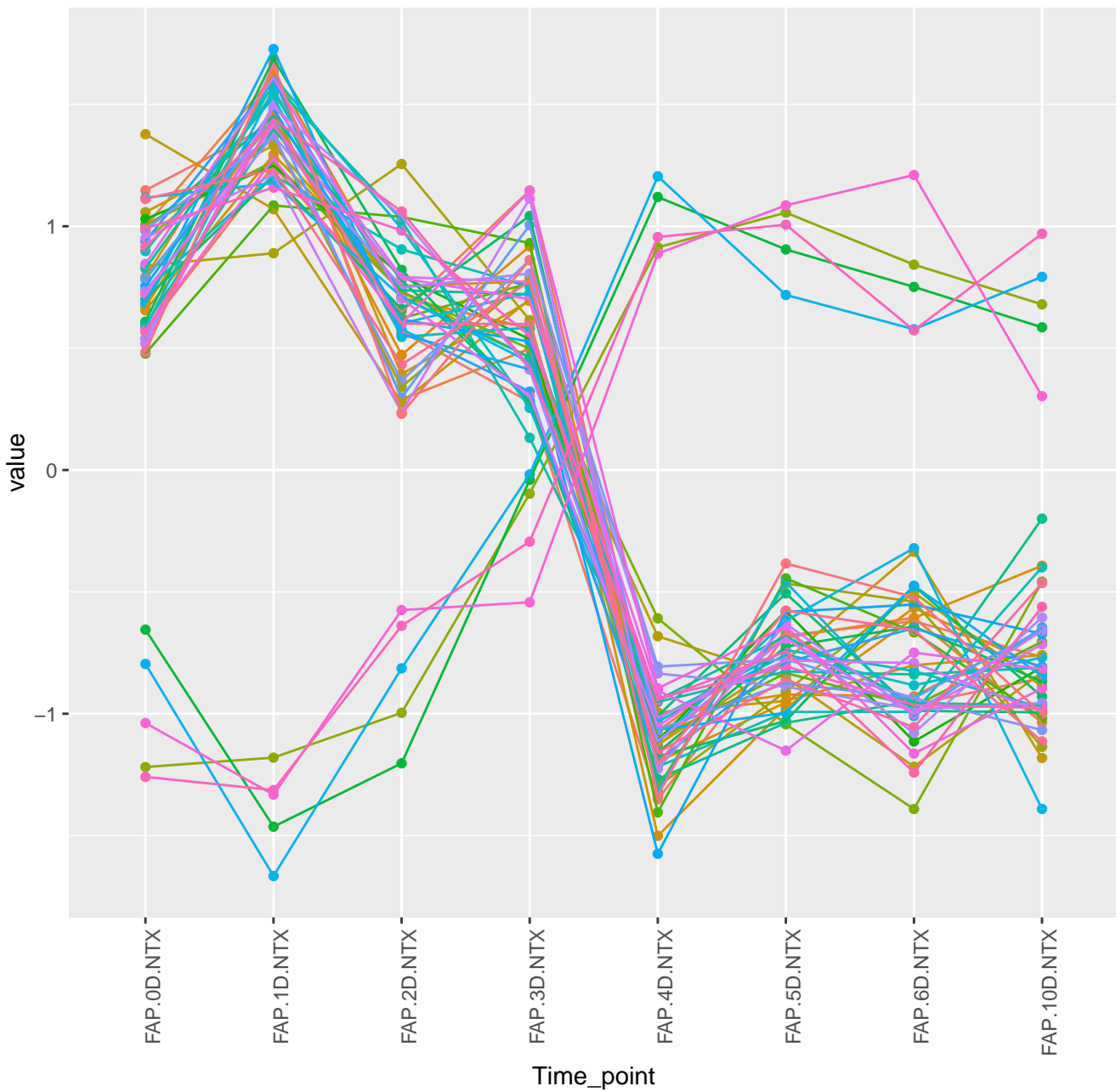
15 genes – cluster 147



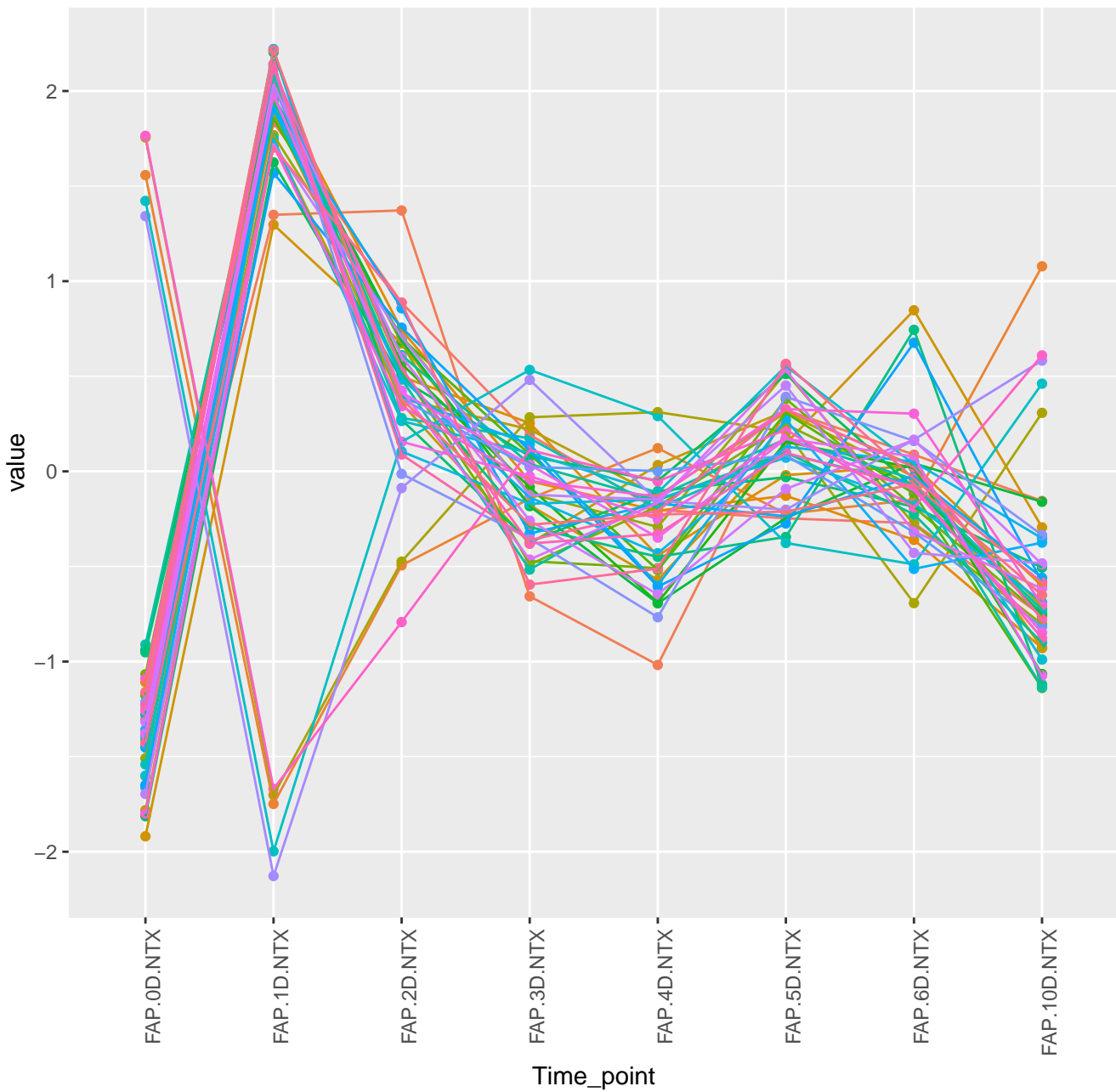
27 genes – cluster 148



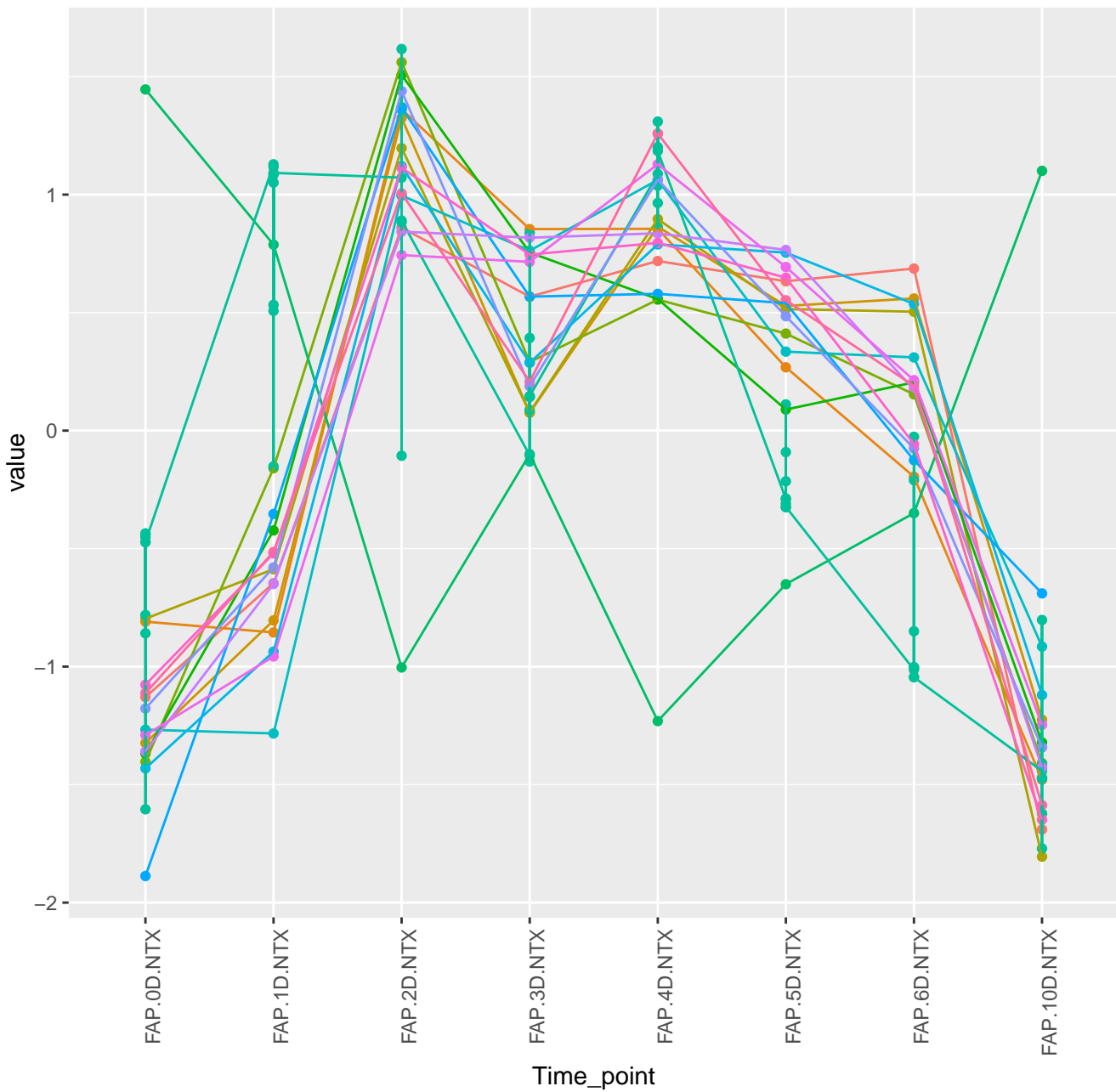
48 genes – cluster 149



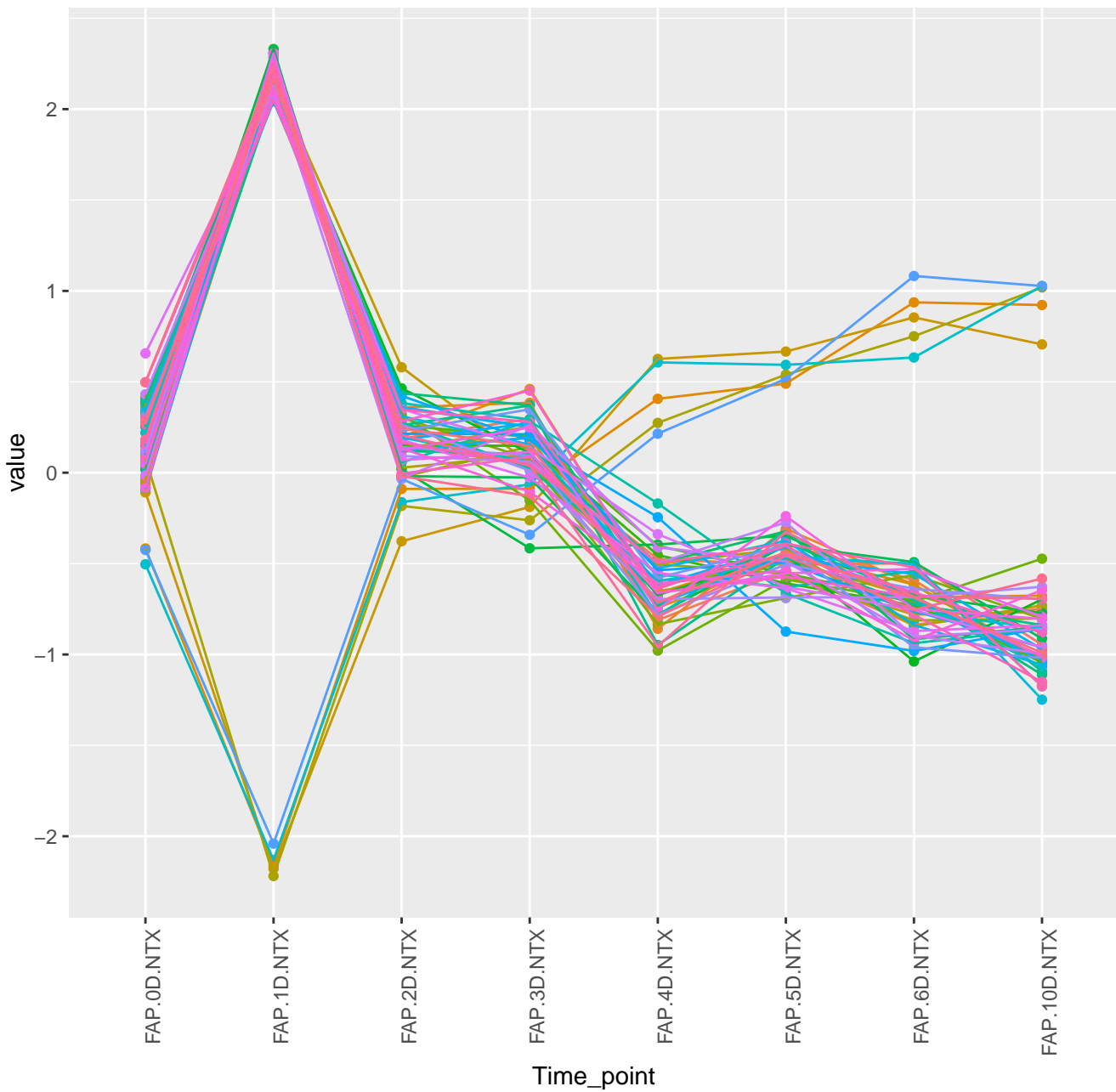
42 genes – cluster 150



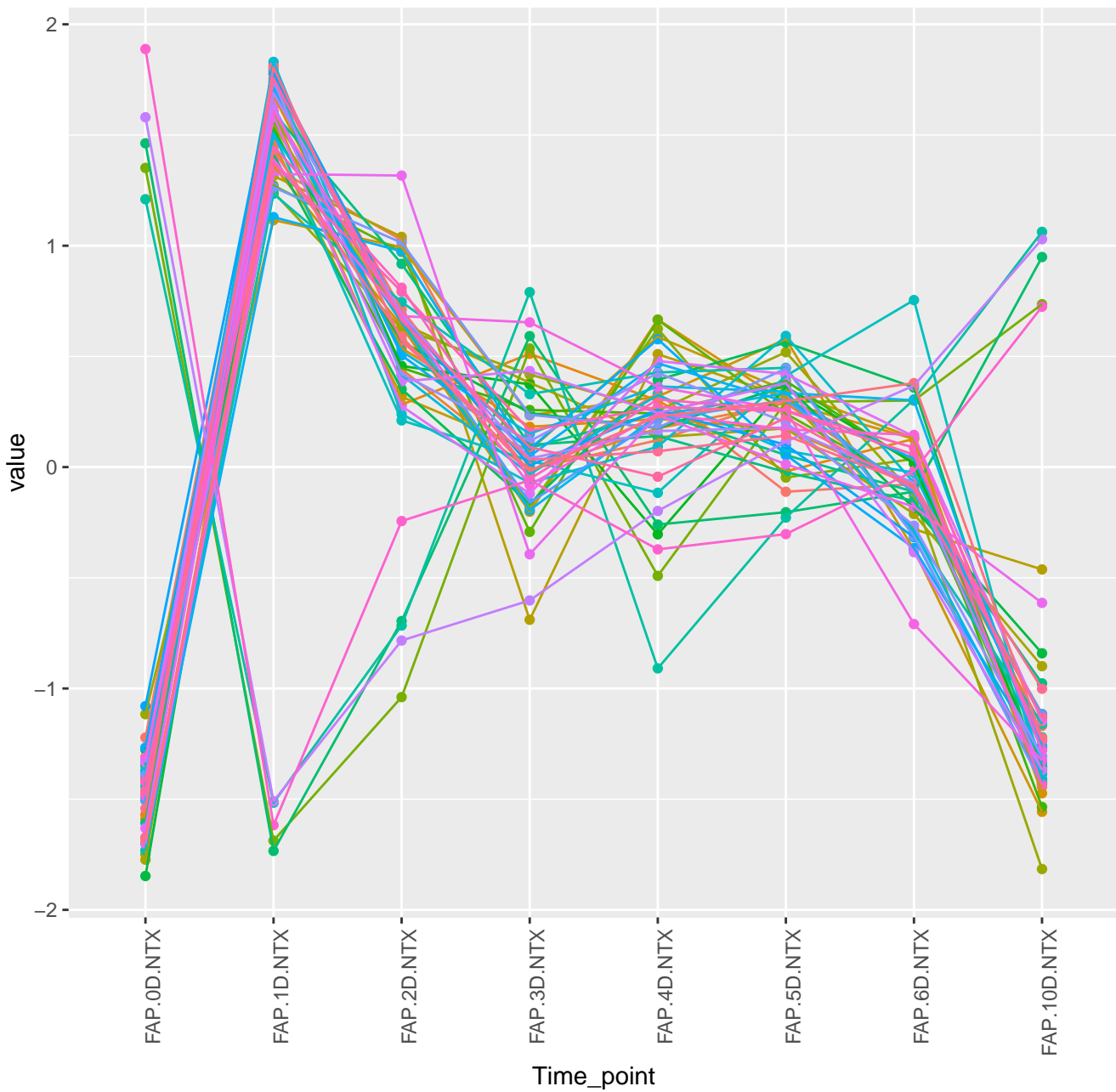
23 genes – cluster 151



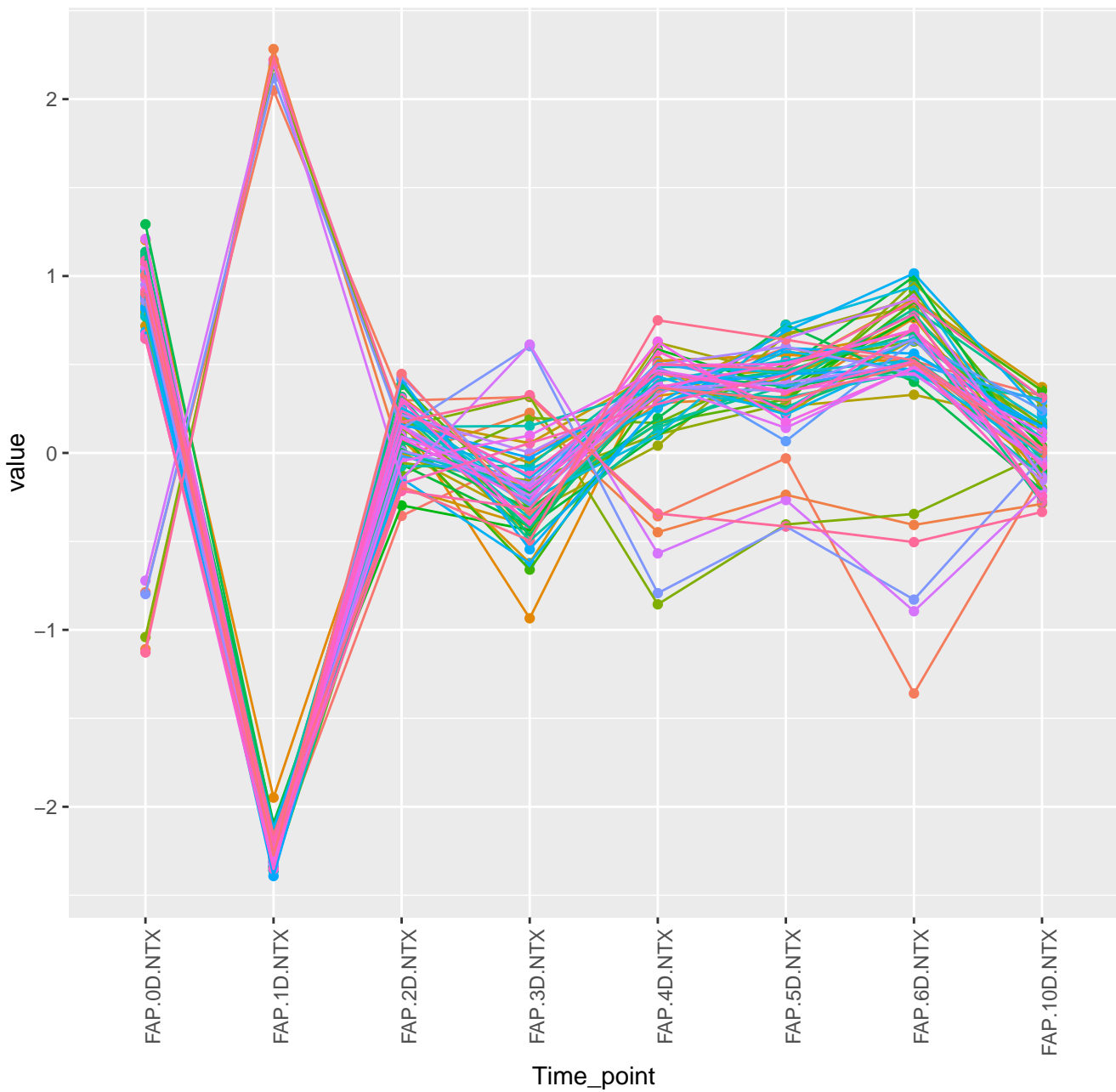
53 genes – cluster 152



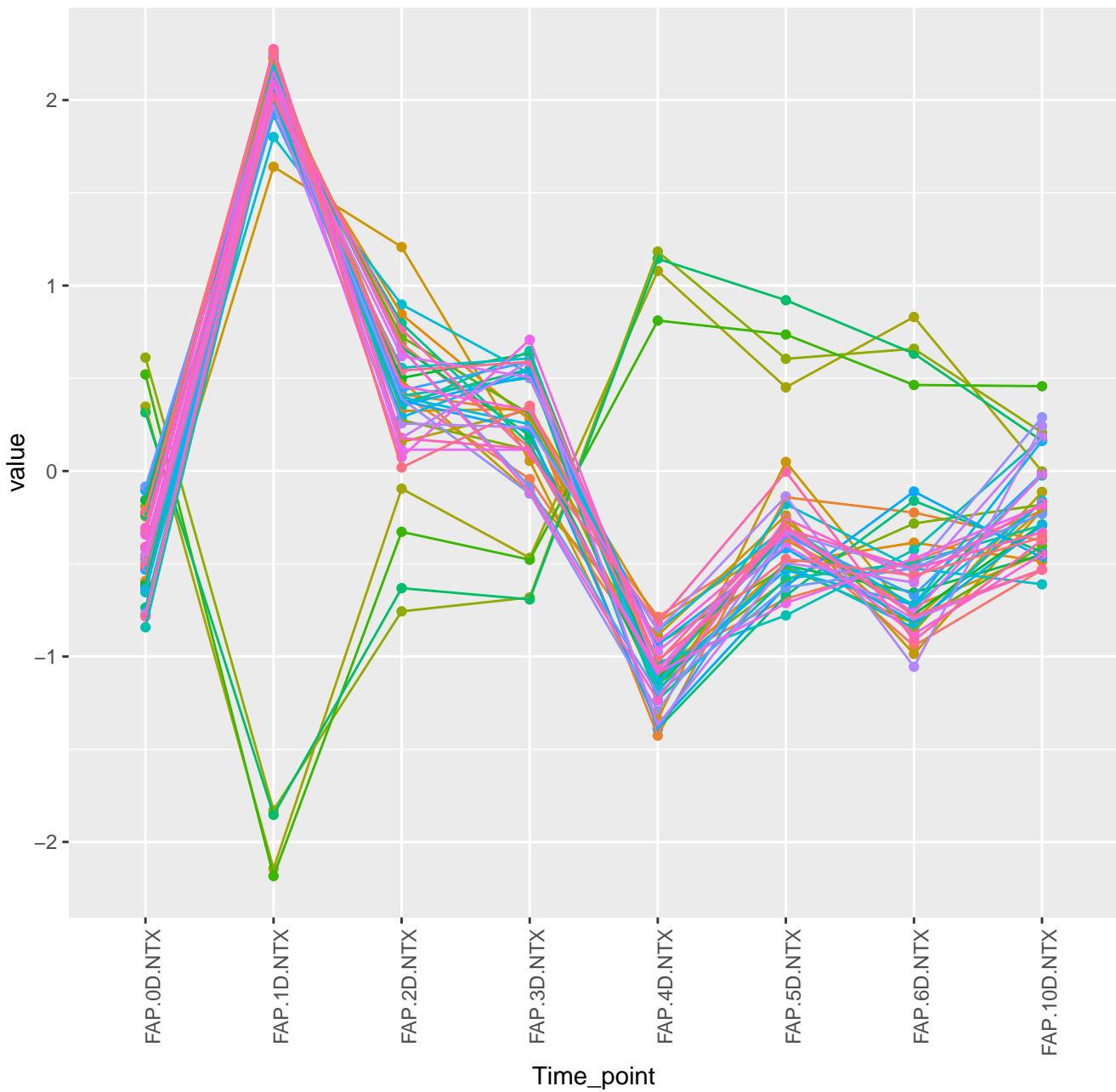
47 genes – cluster 153



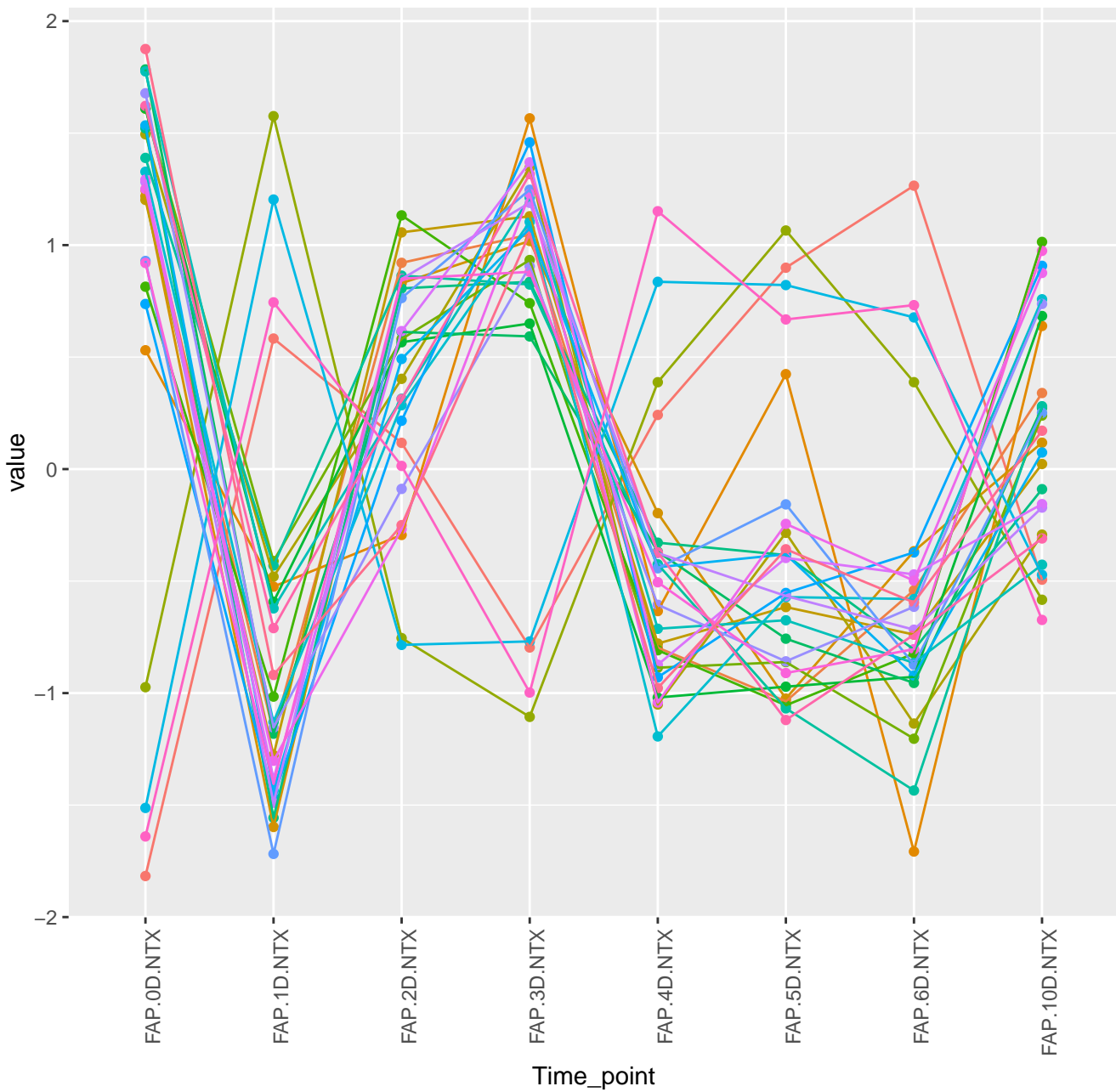
57 genes – cluster 154



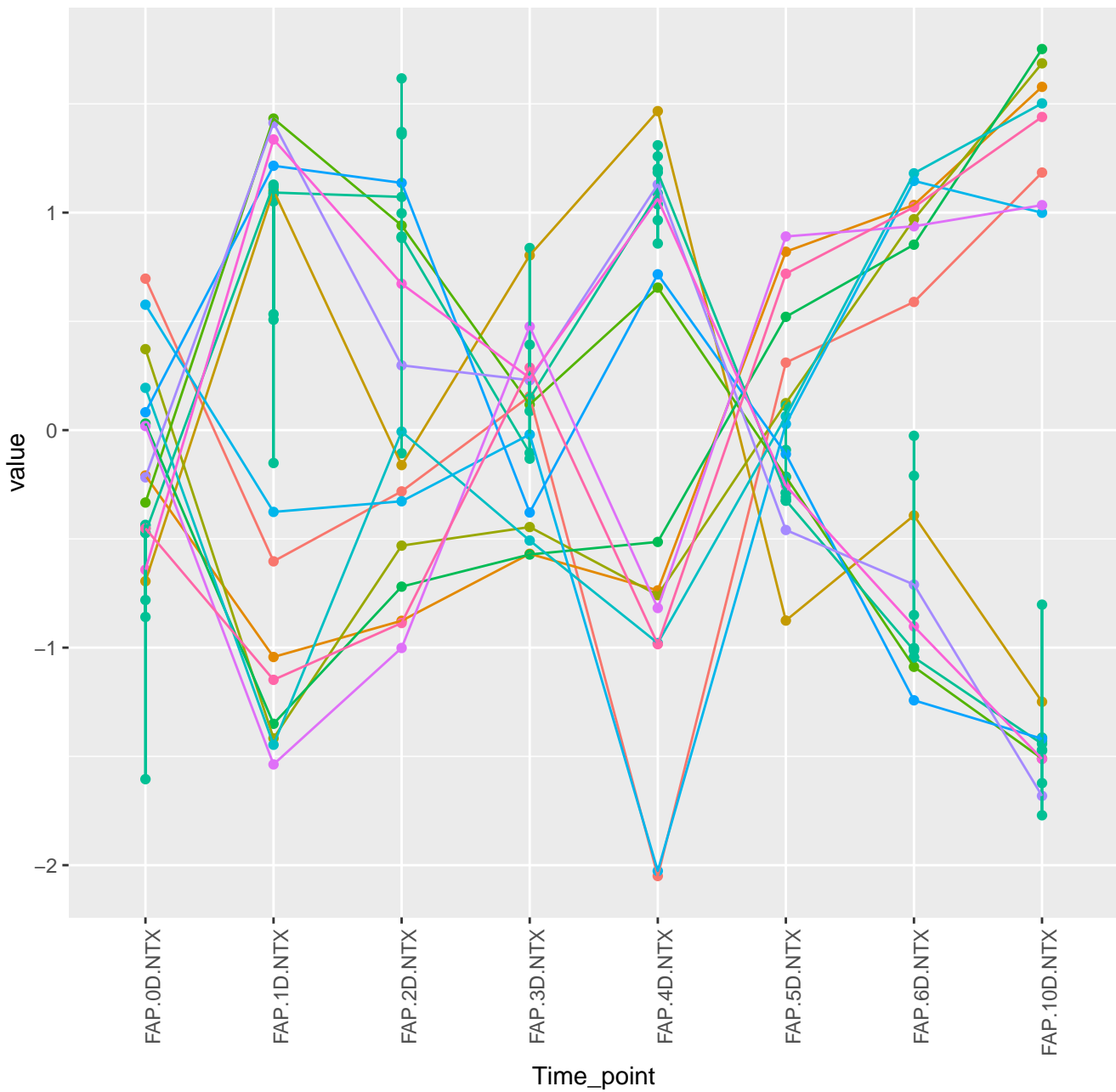
40 genes – cluster 155



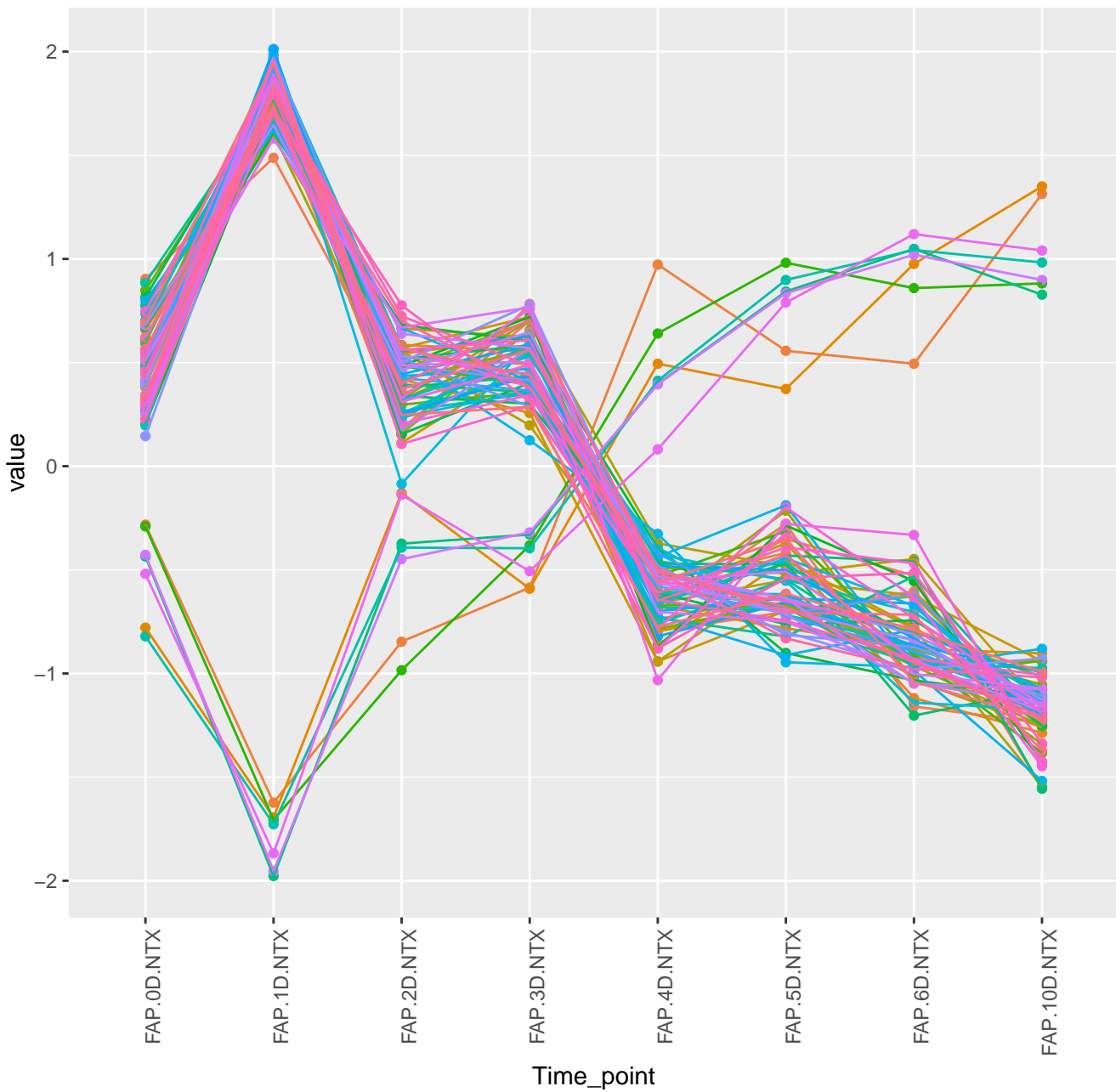
27 genes – cluster 156



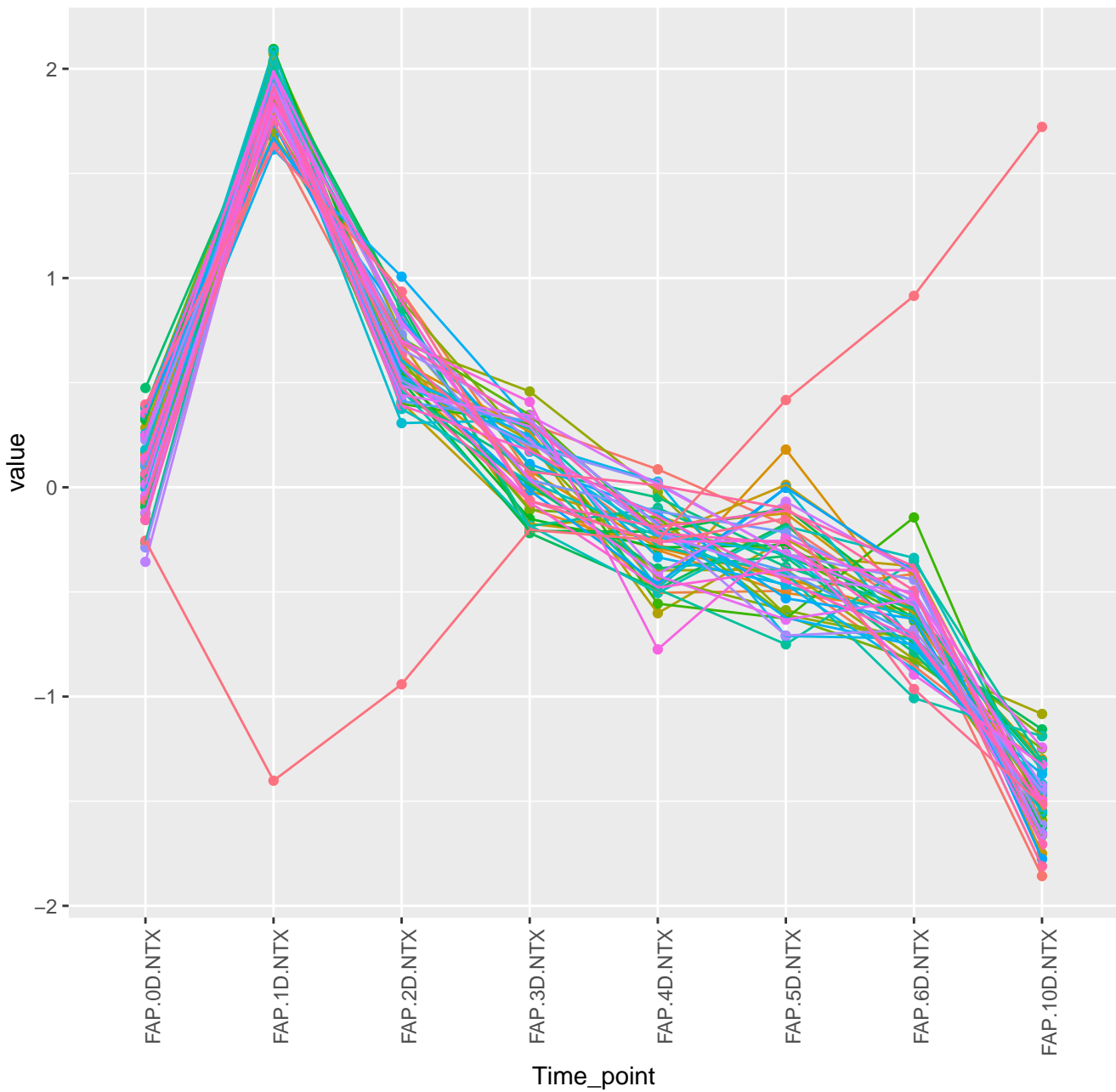
21 genes – cluster 157



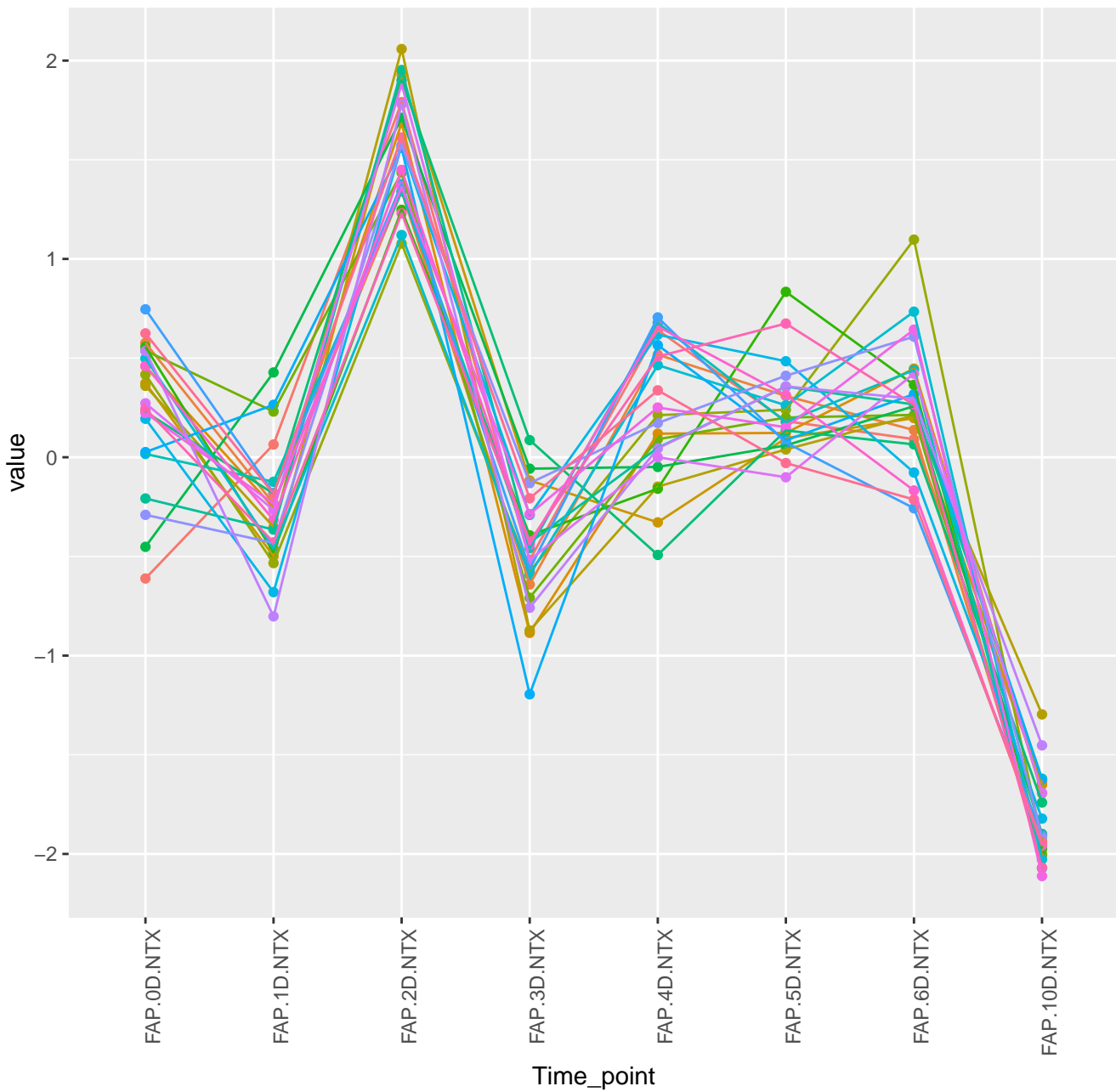
72 genes – cluster 158



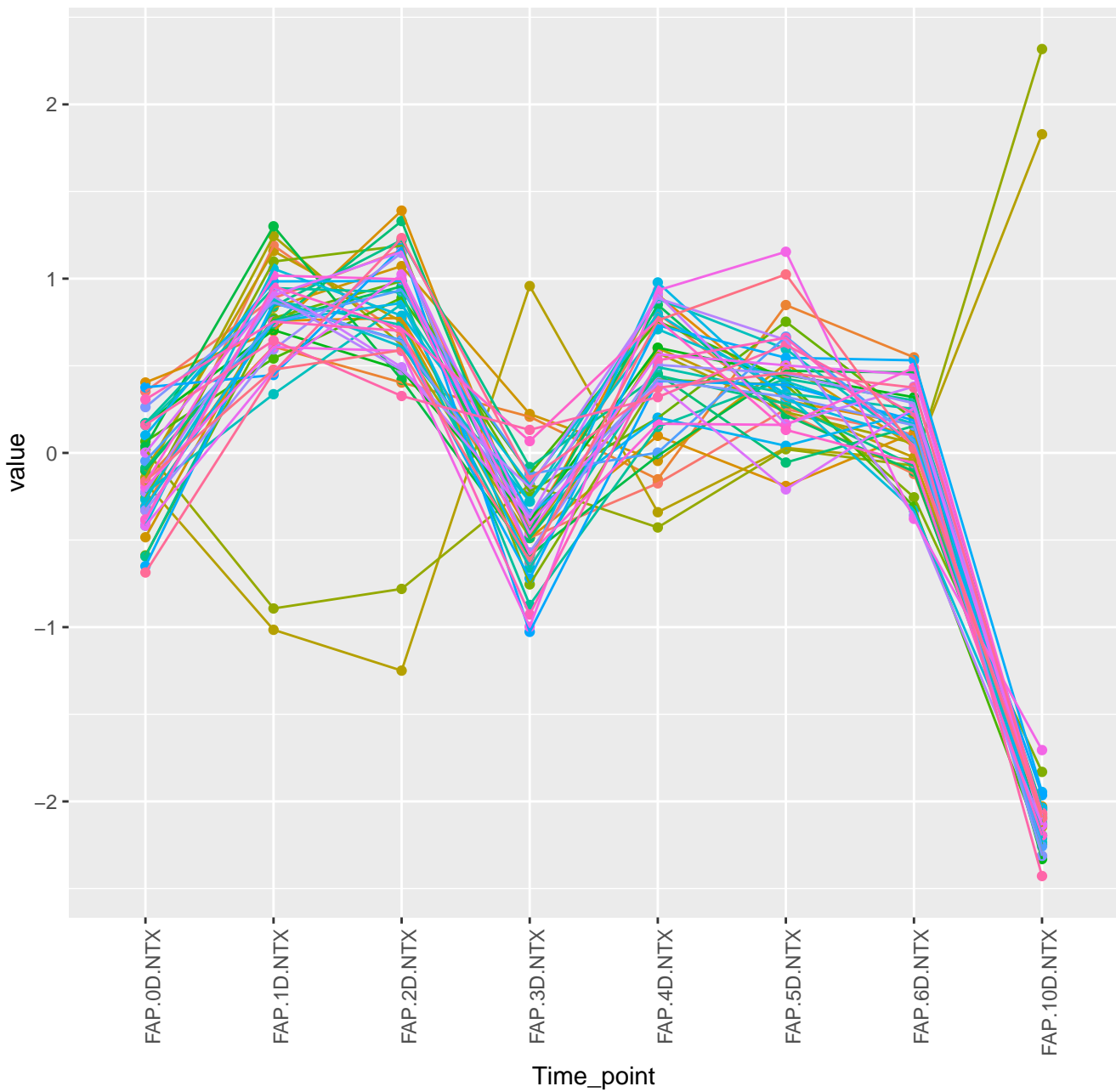
50 genes – cluster 159



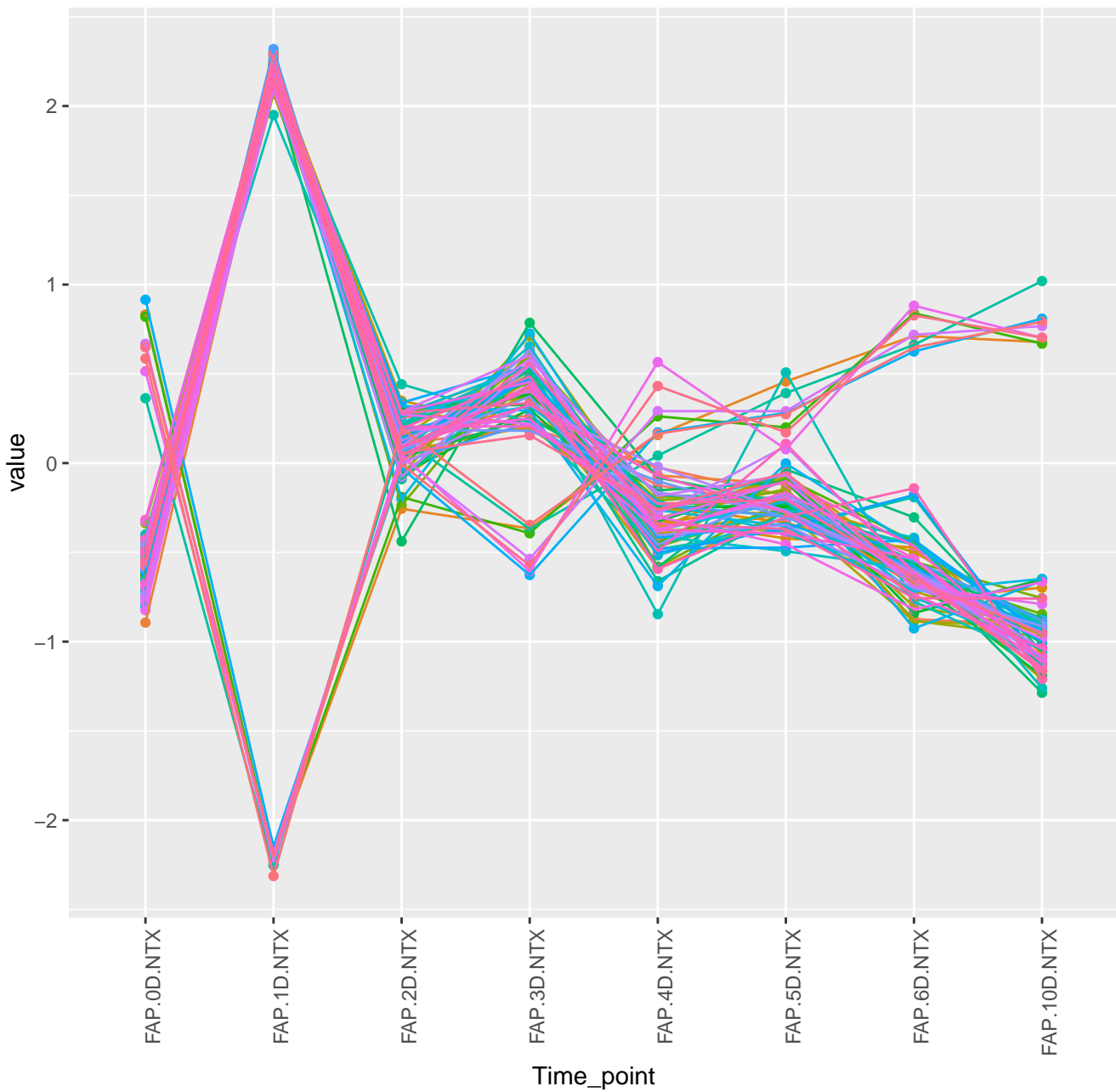
23 genes – cluster 160



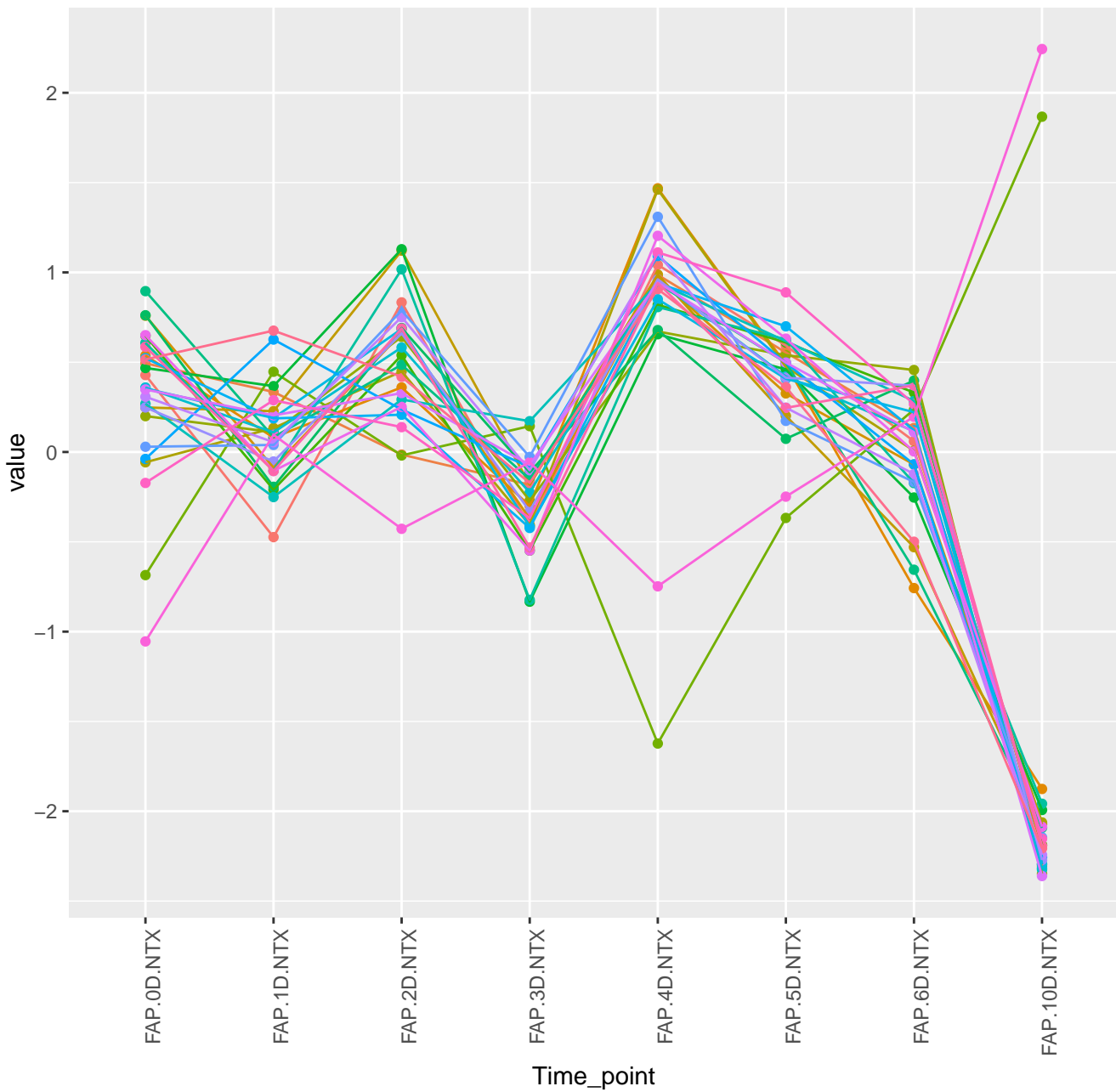
41 genes – cluster 161



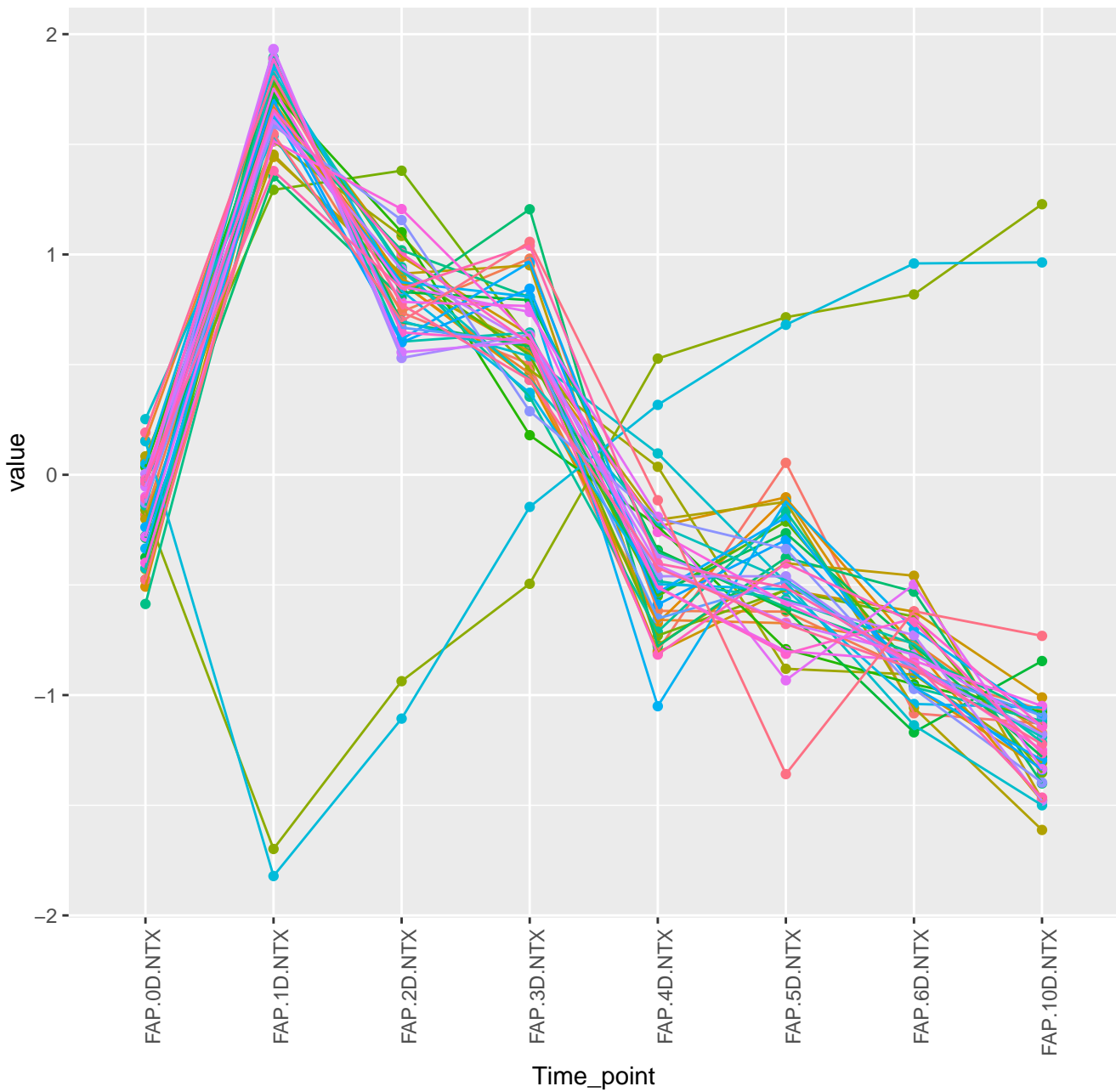
70 genes – cluster 162



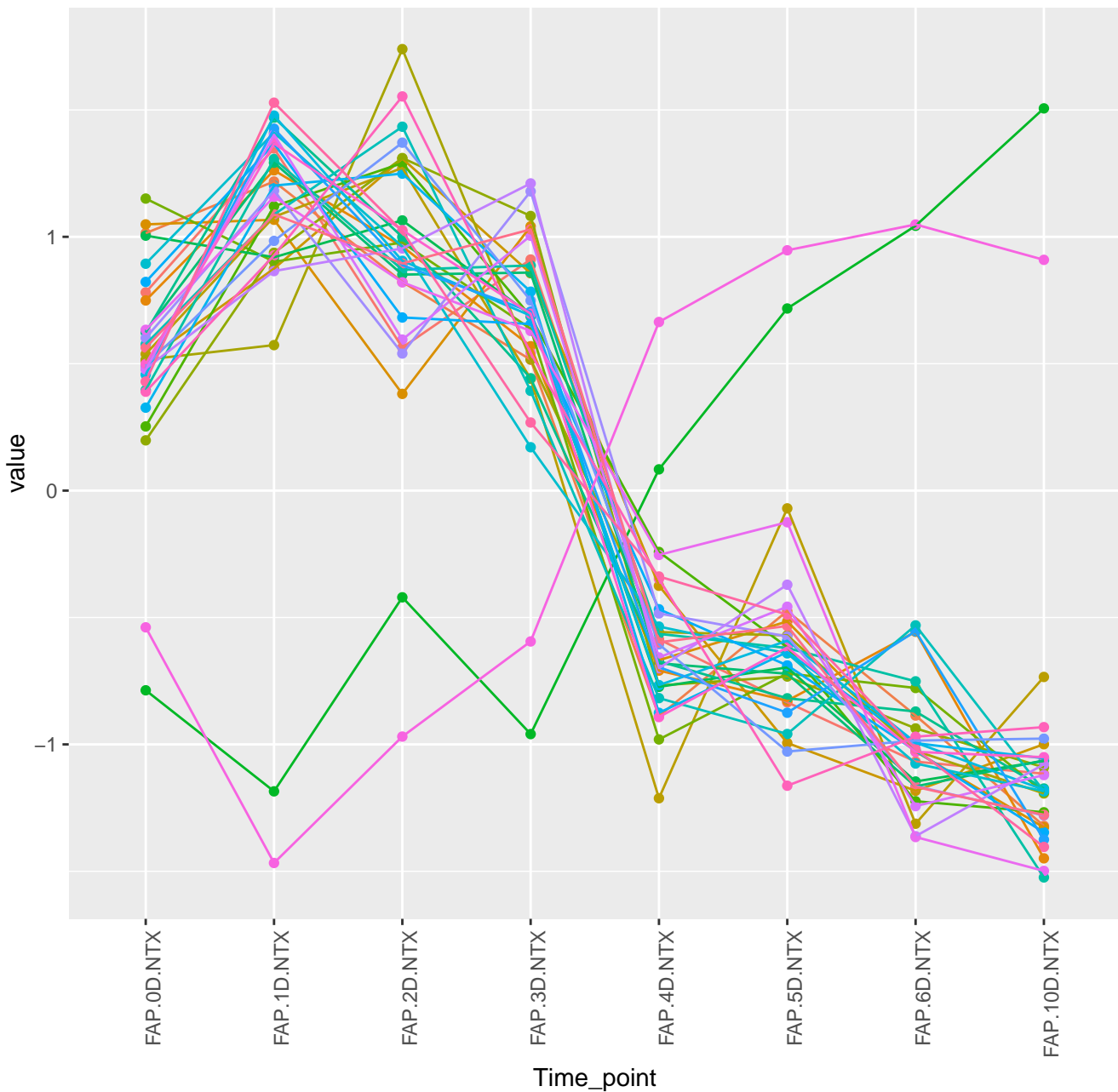
27 genes – cluster 163



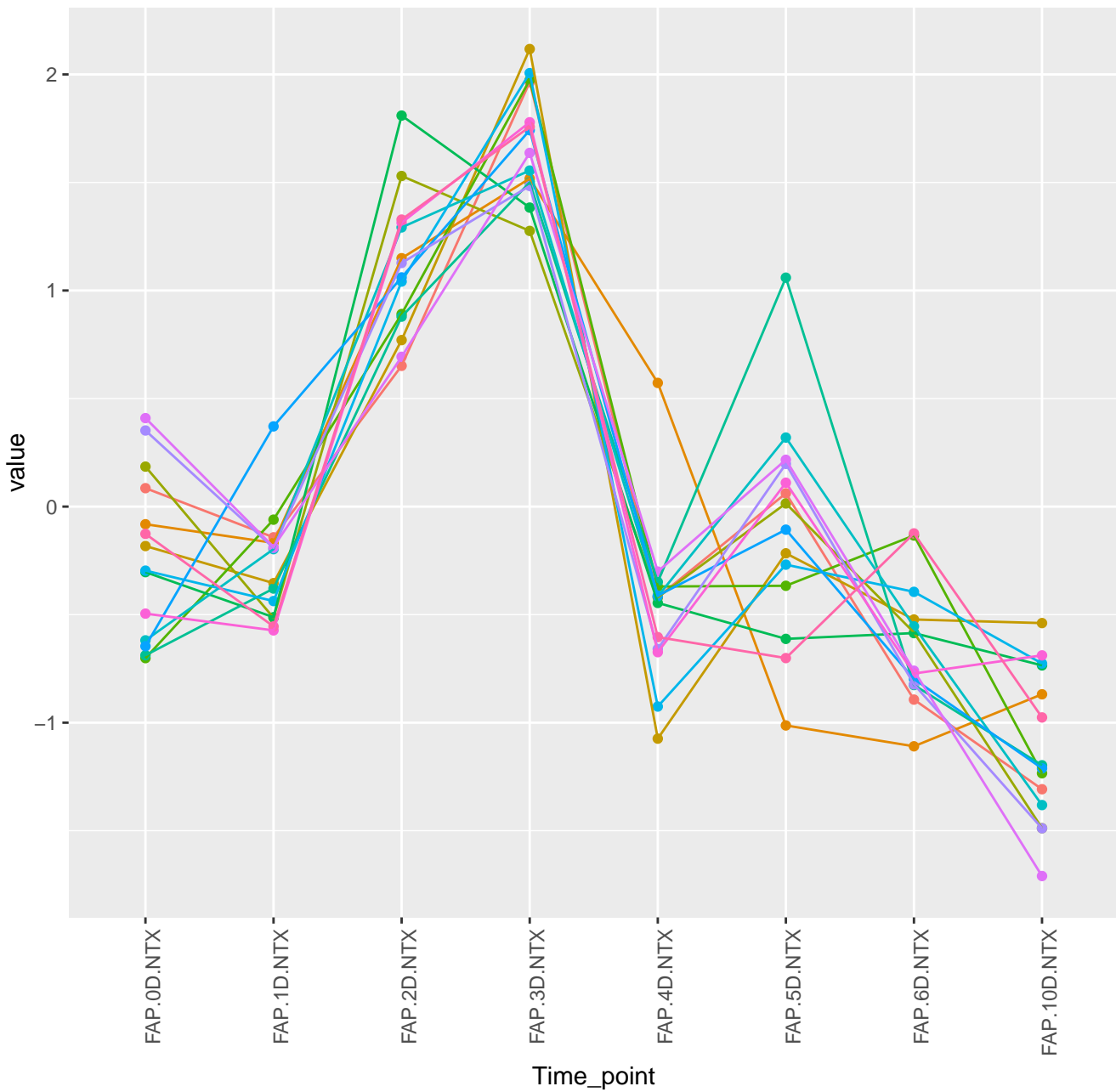
39 genes – cluster 164



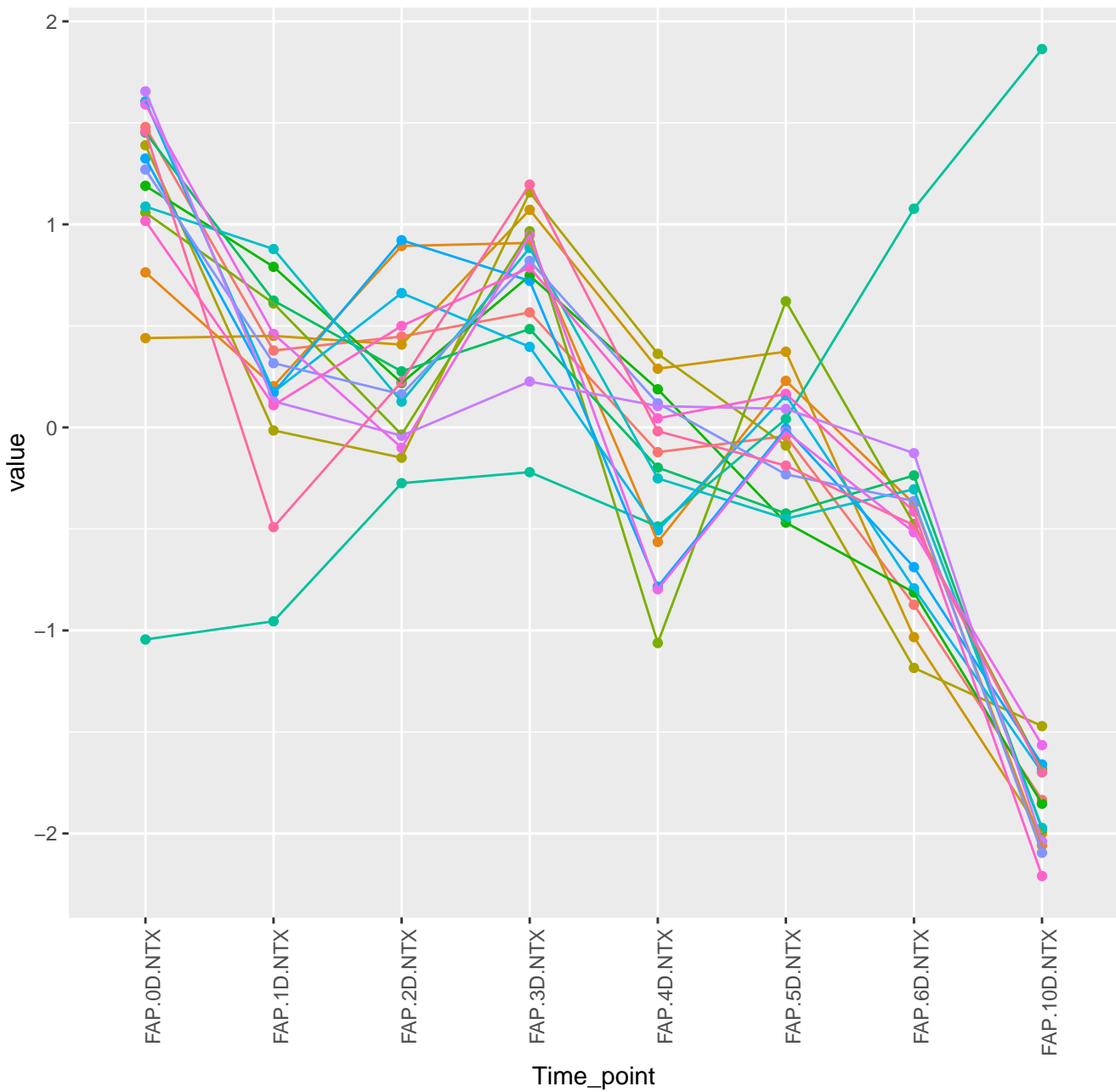
31 genes – cluster 165



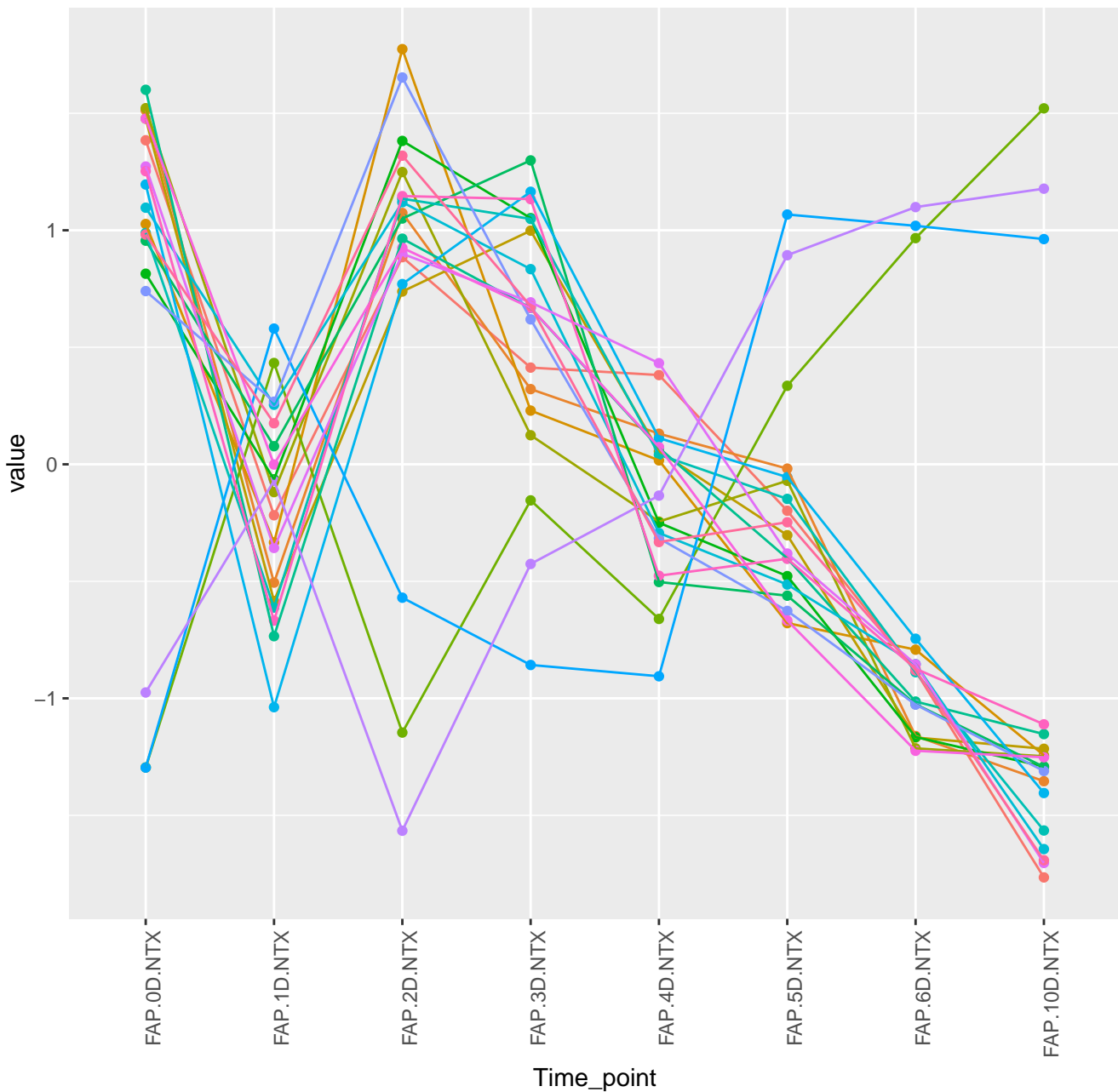
14 genes – cluster 166



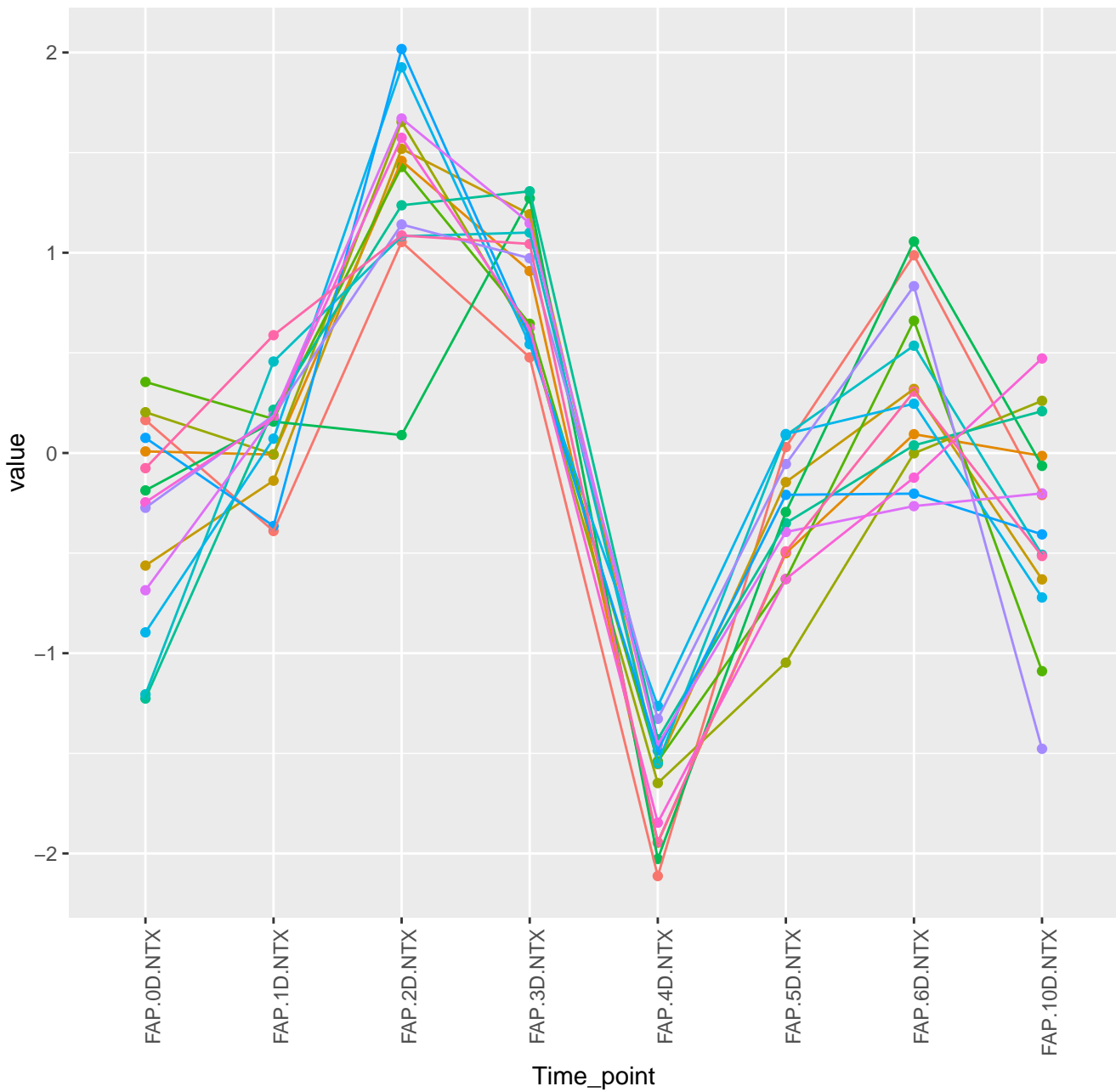
16 genes – cluster 167



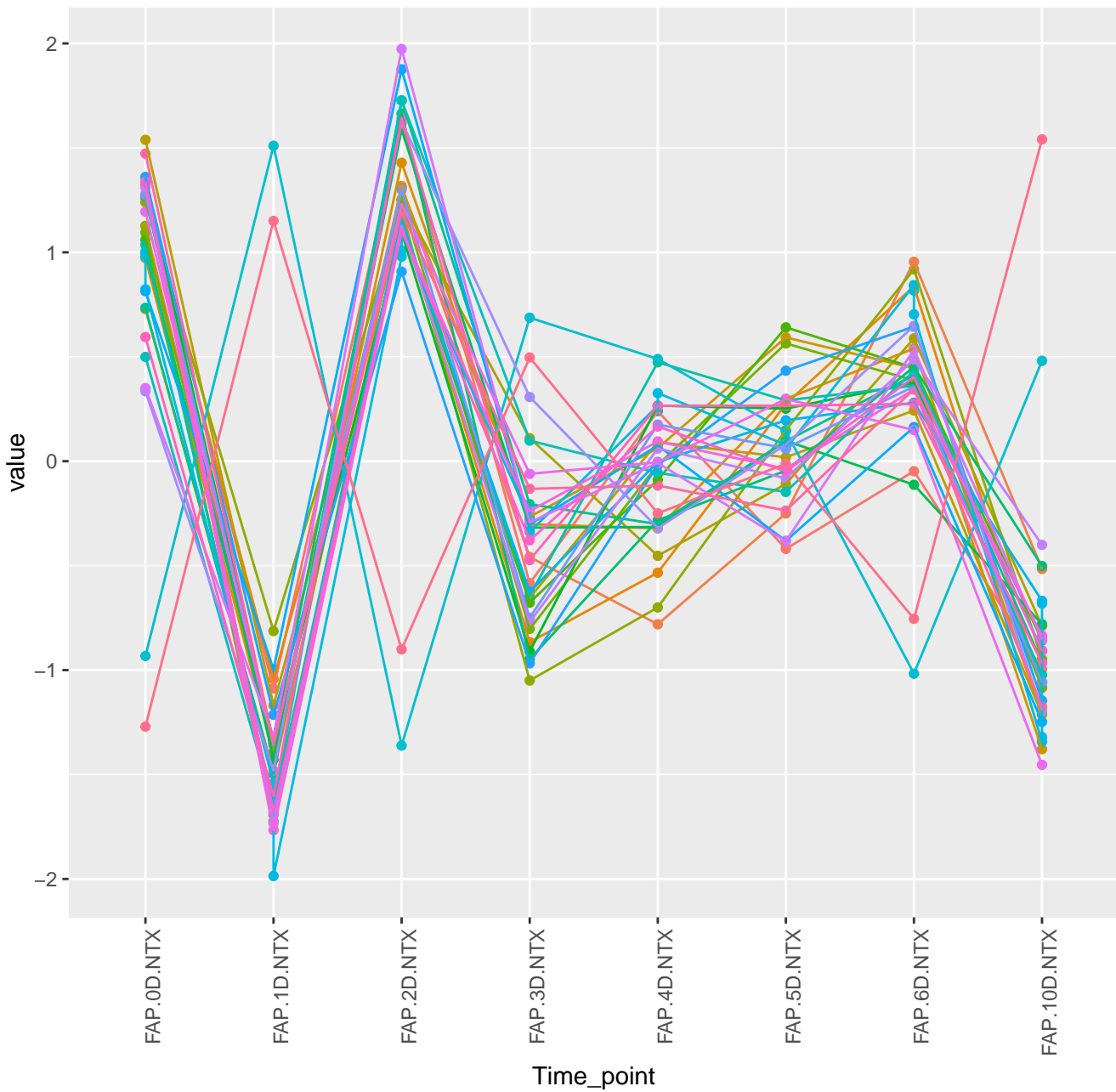
19 genes – cluster 168



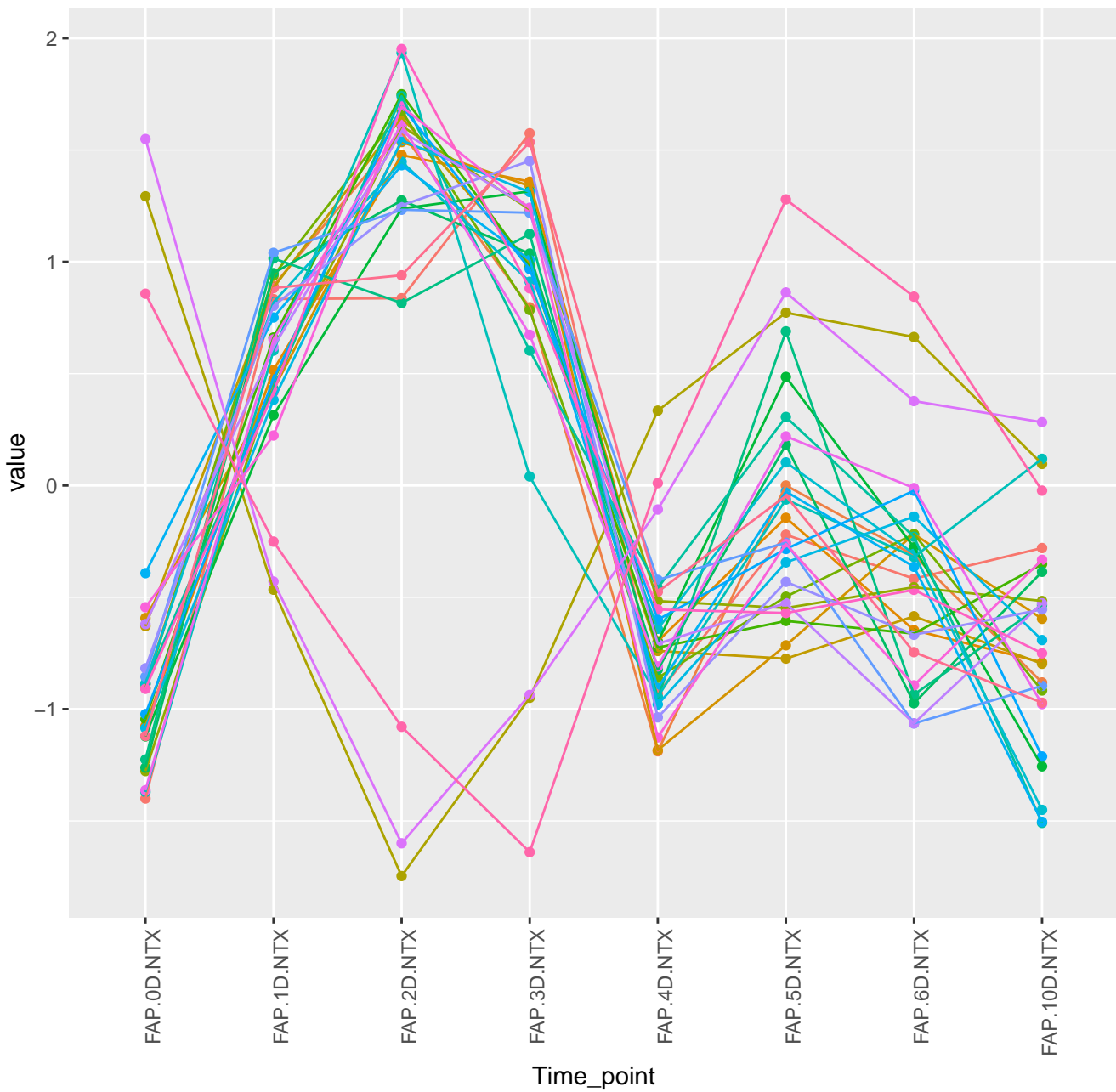
14 genes – cluster 169



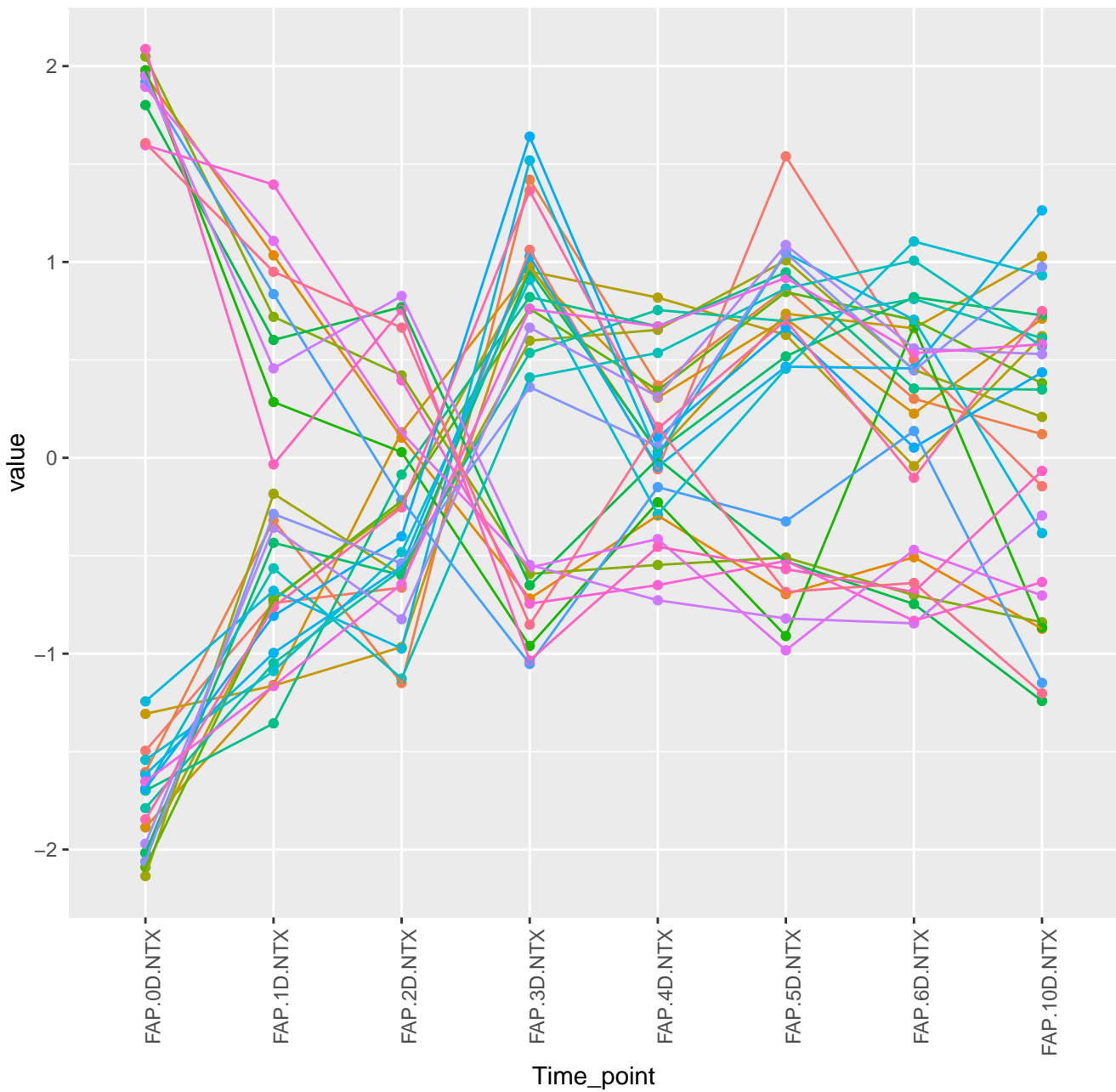
33 genes – cluster 170



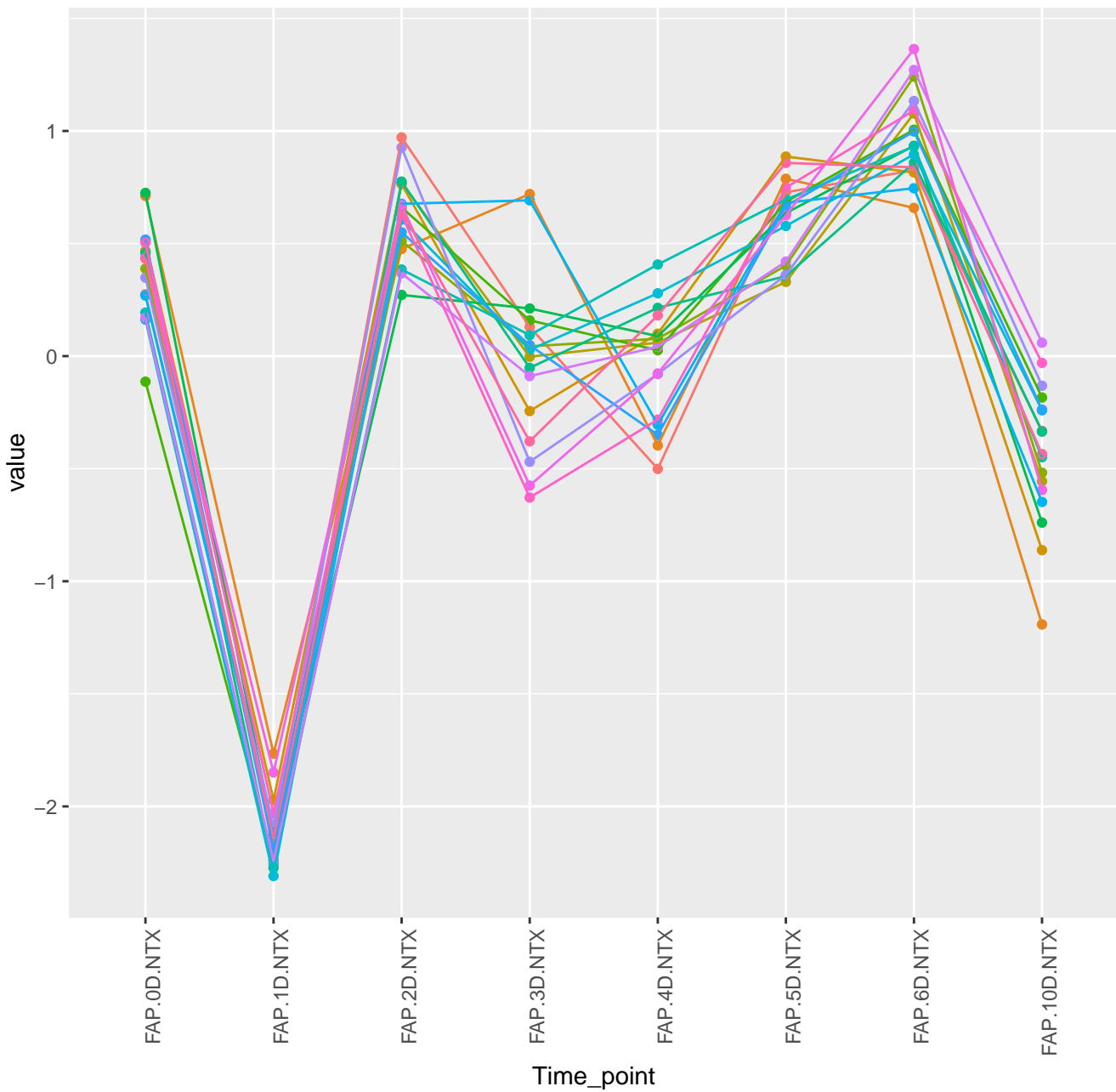
27 genes – cluster 171



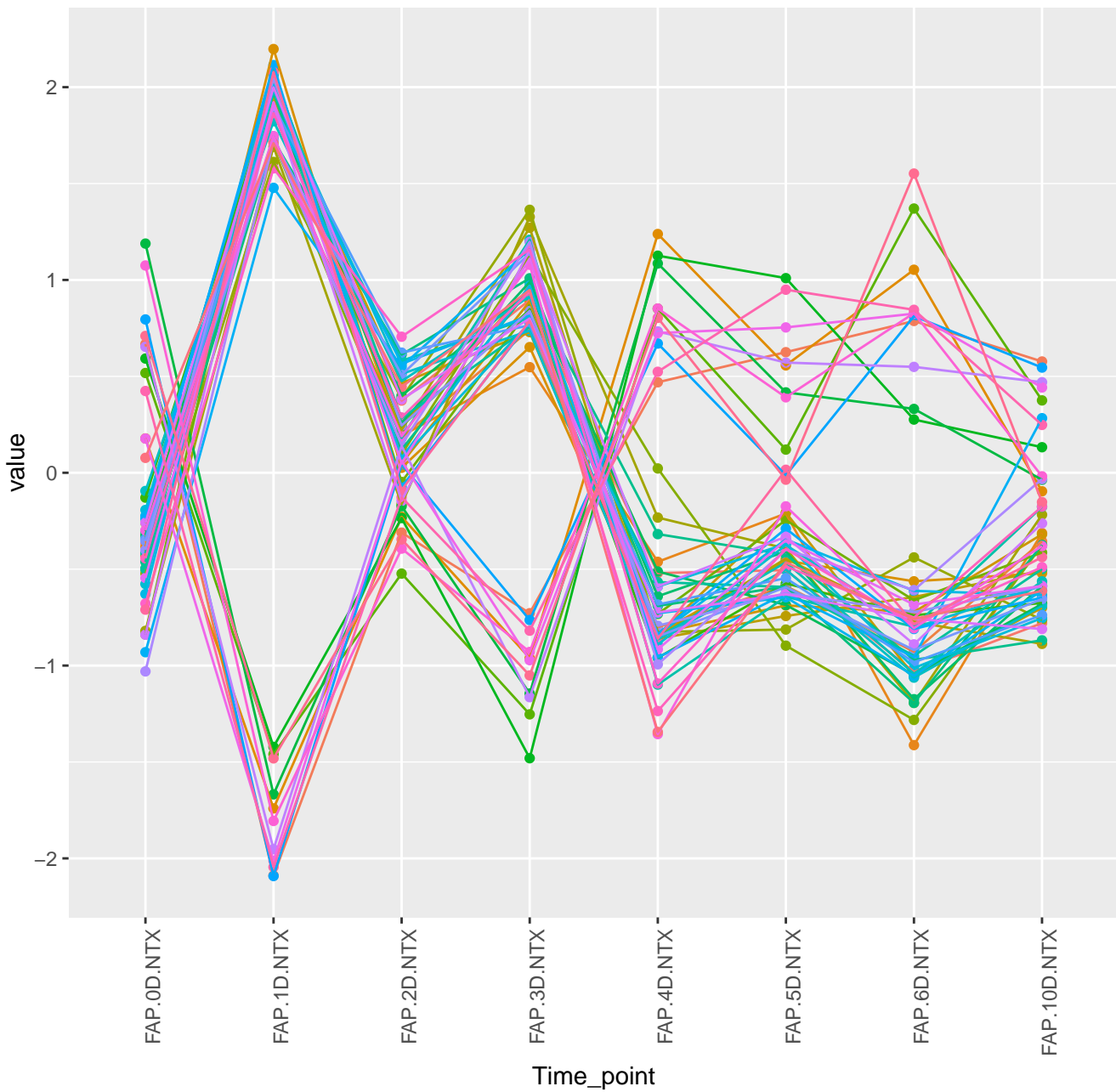
29 genes – cluster 172



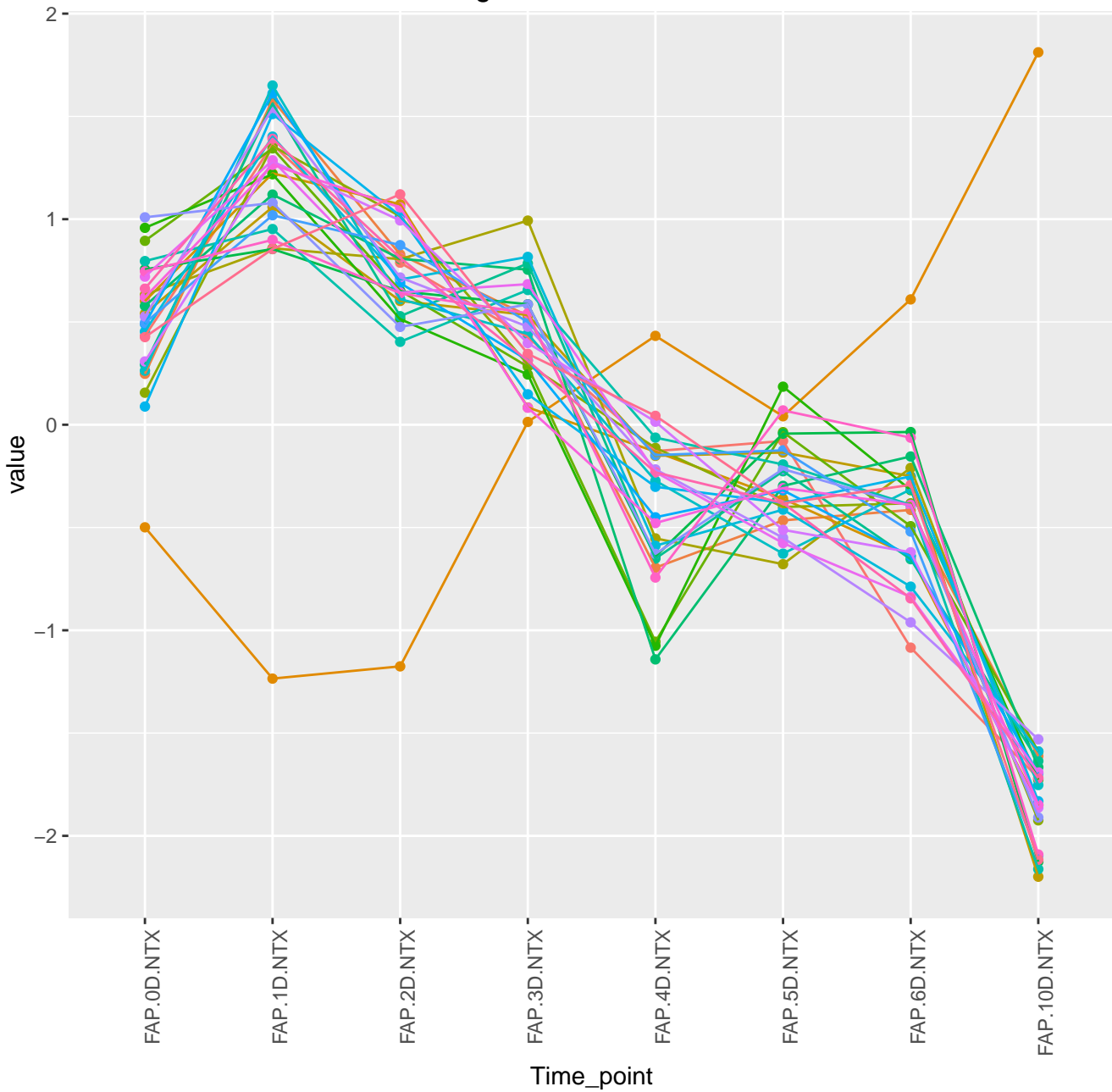
17 genes – cluster 173



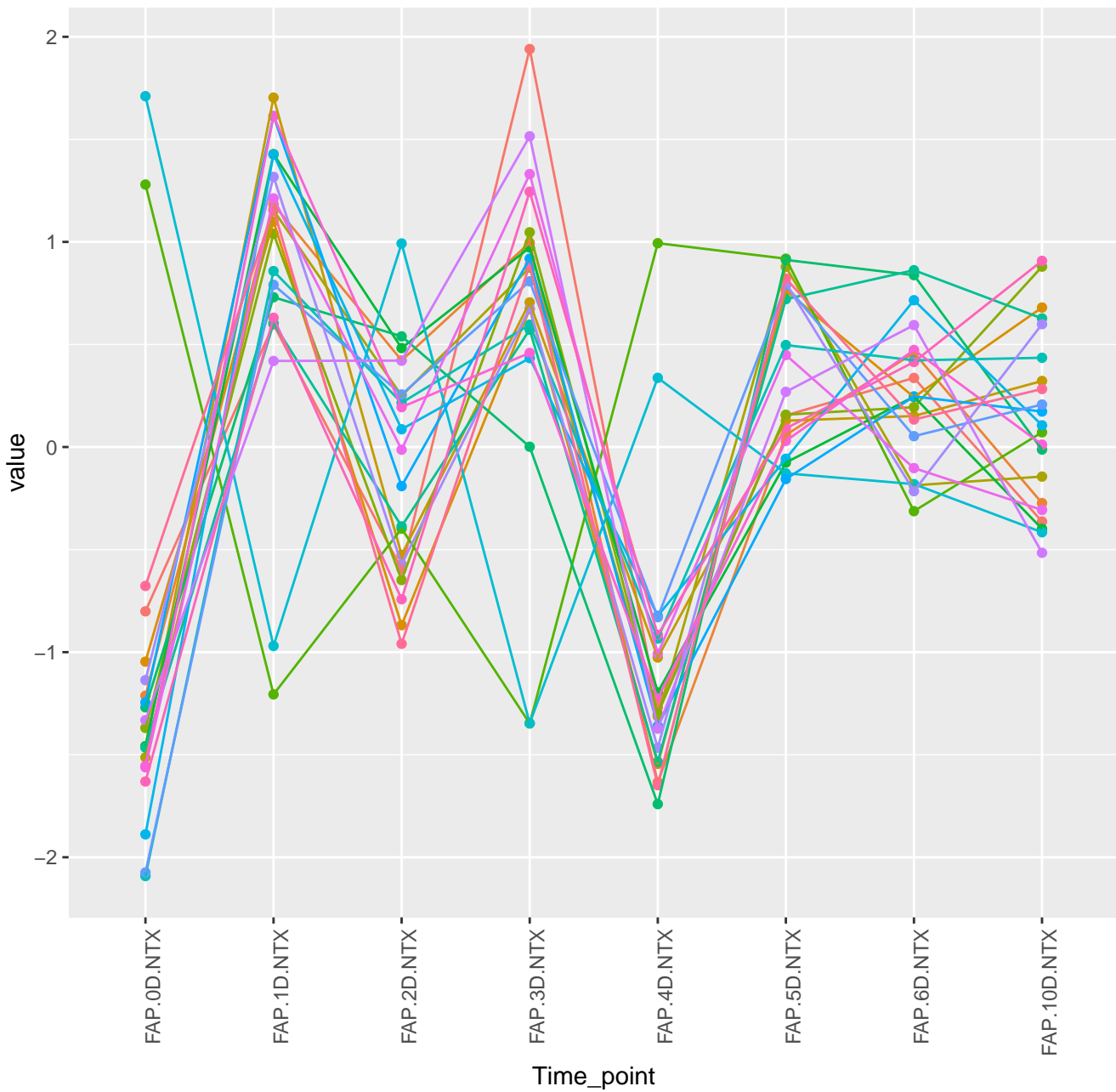
50 genes – cluster 174



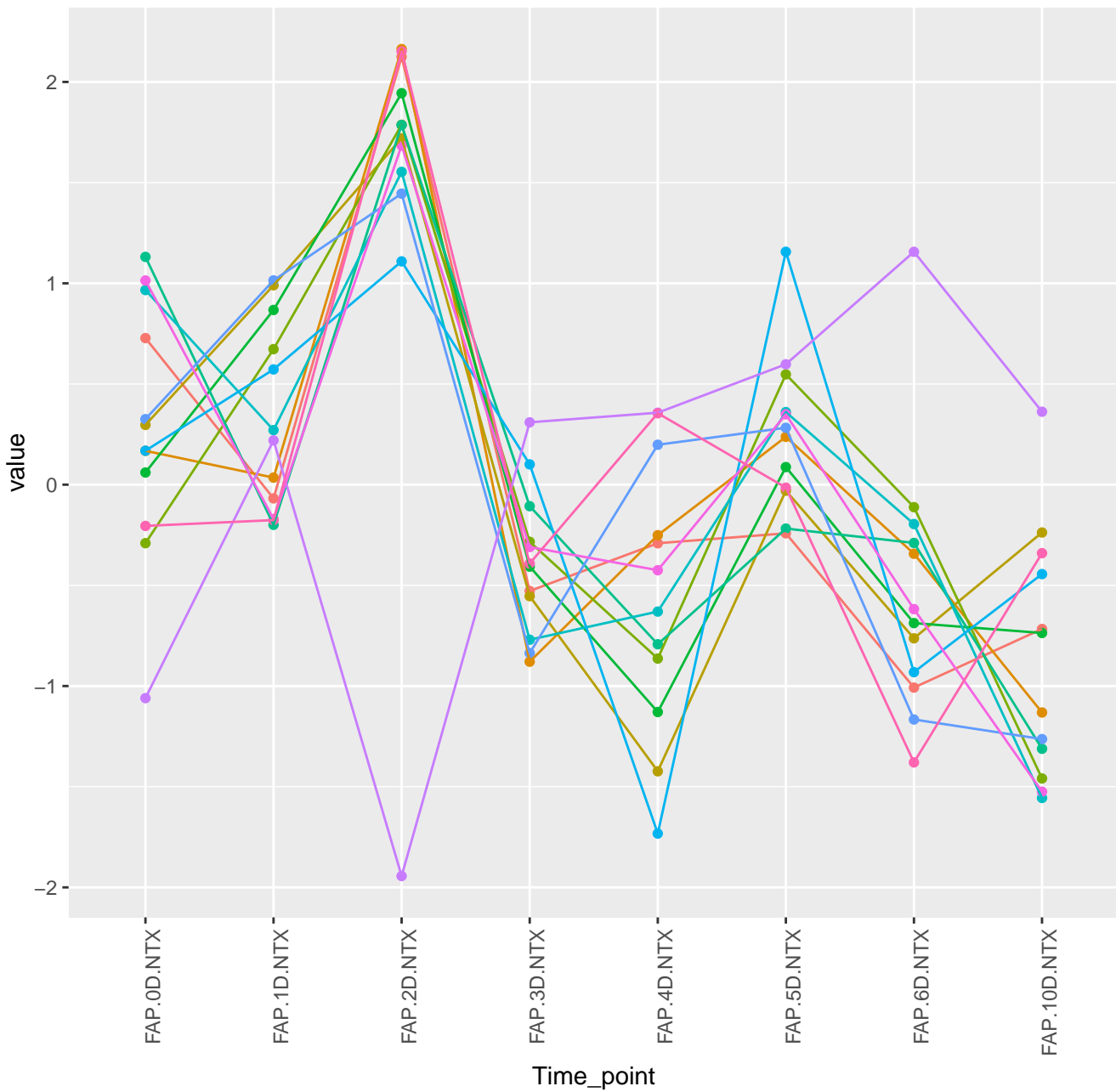
26 genes – cluster 175



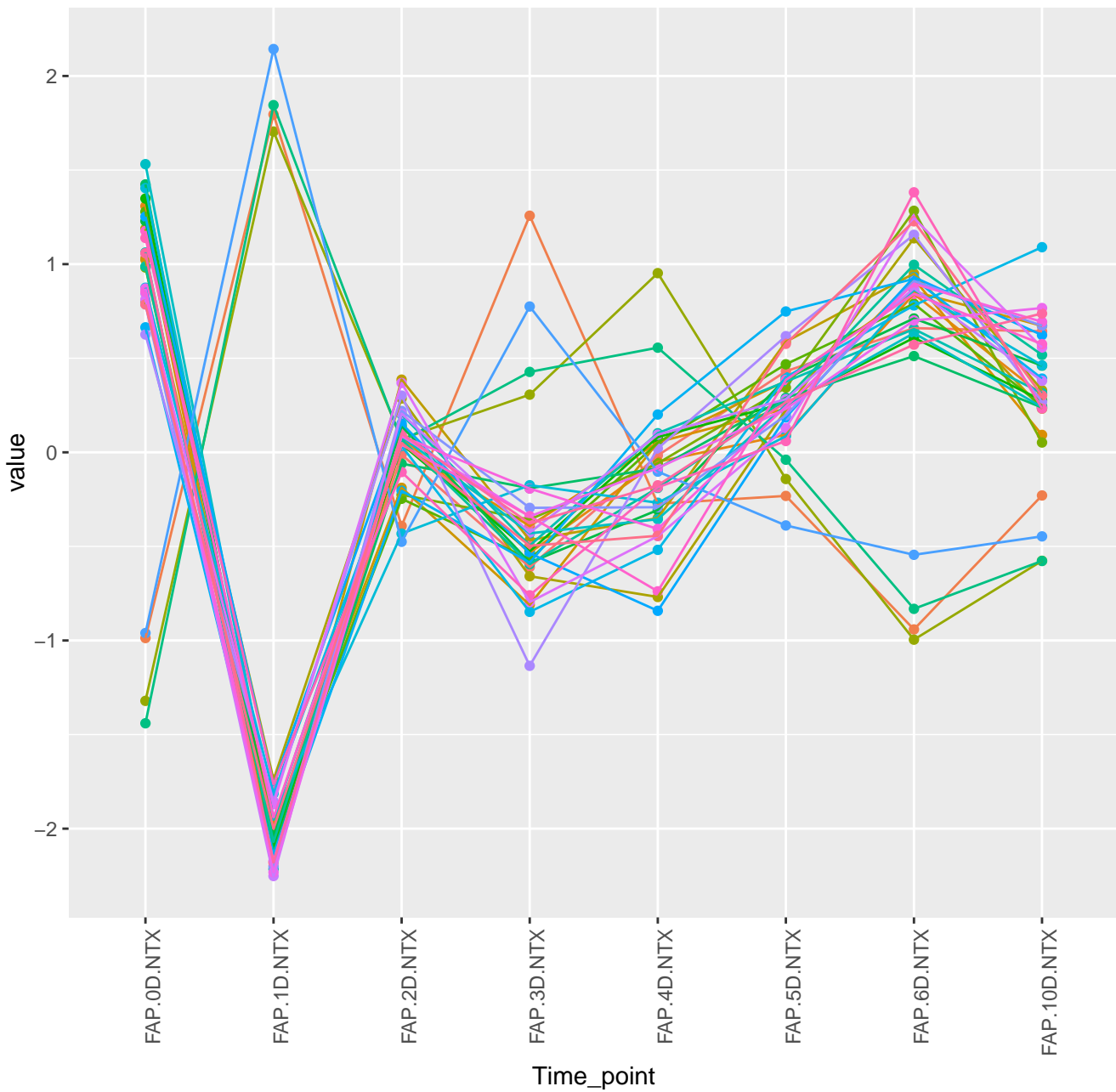
21 genes – cluster 176



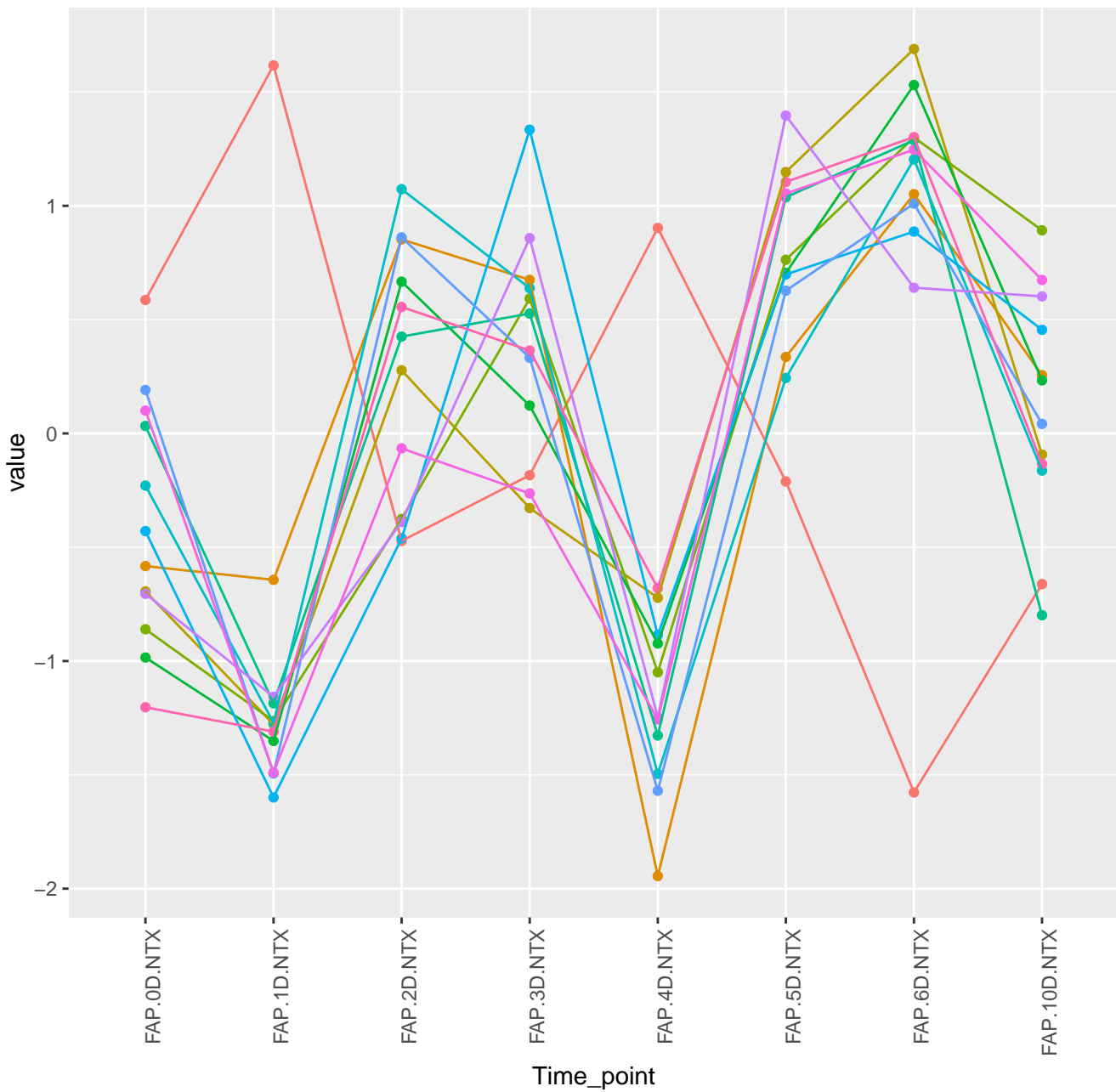
12 genes – cluster 177



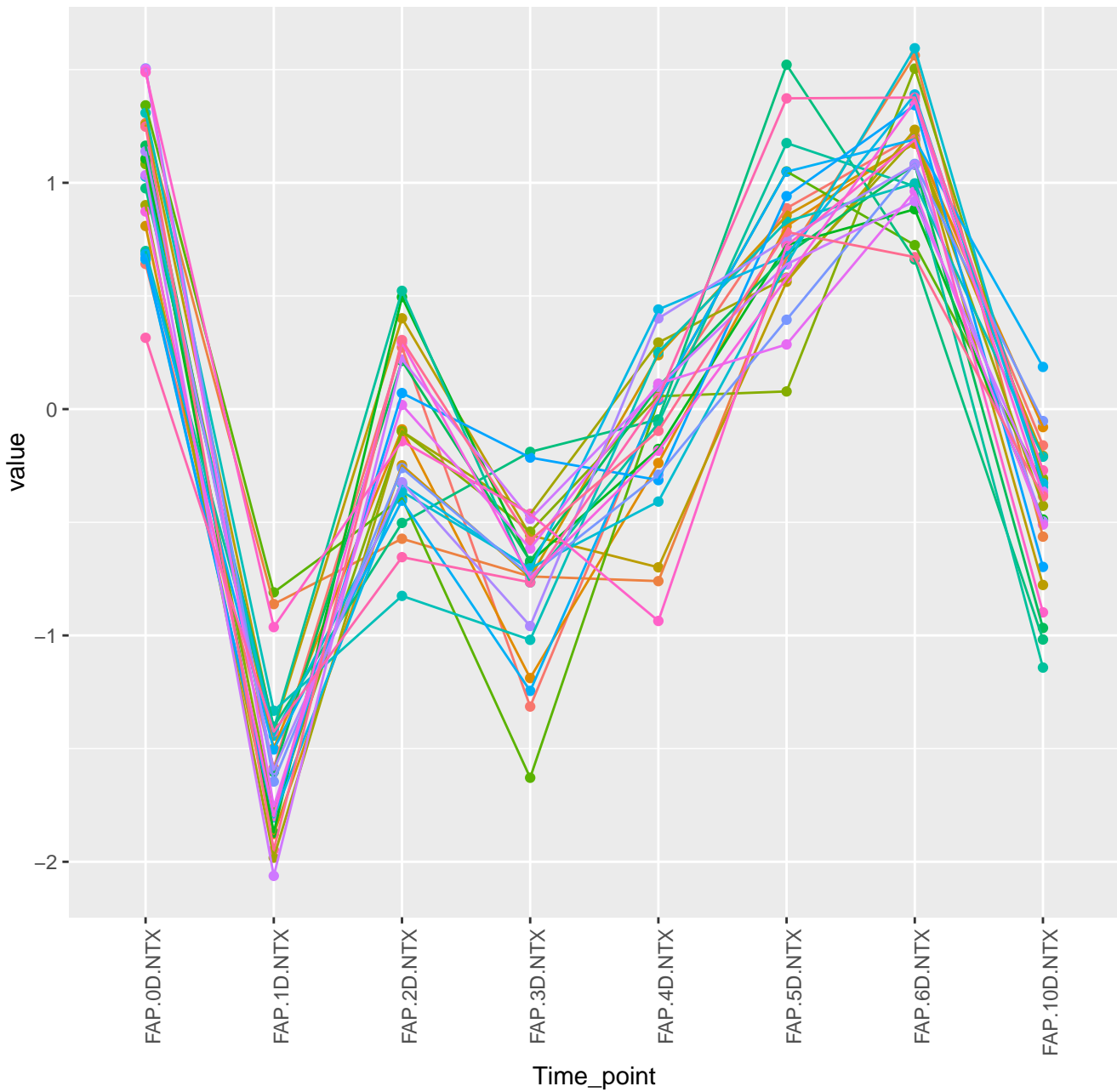
32 genes – cluster 178



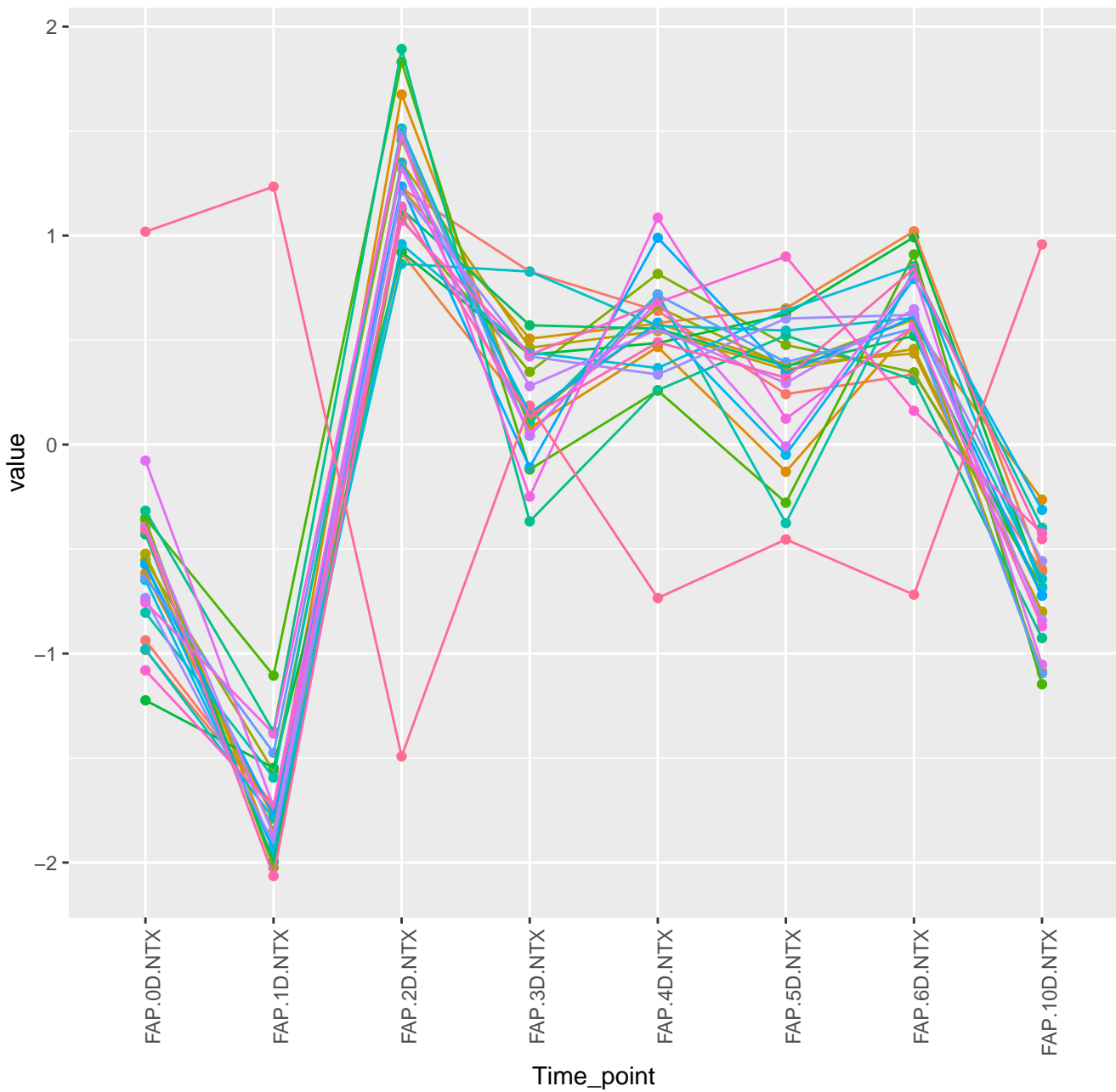
12 genes – cluster 179



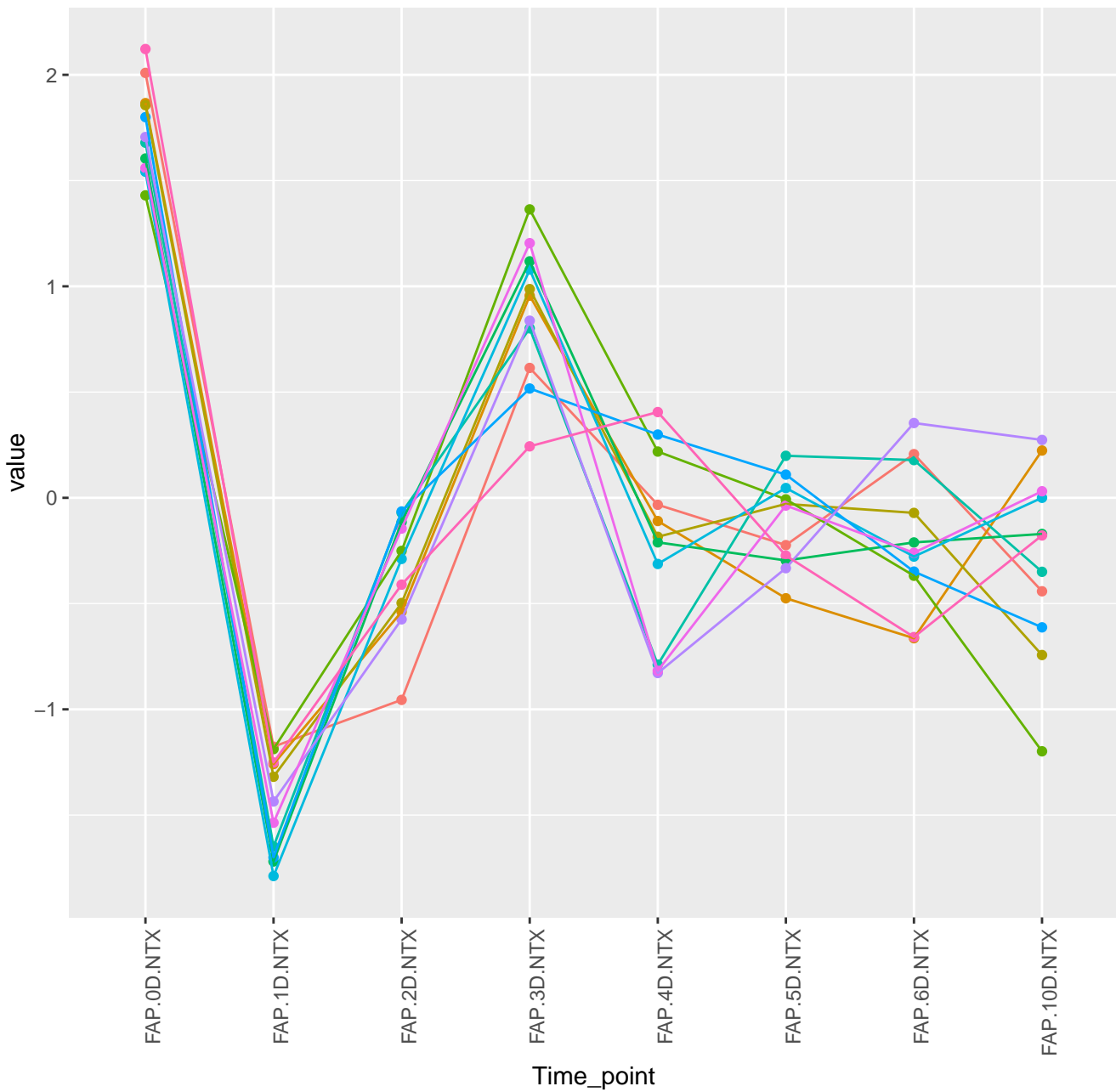
25 genes – cluster 180



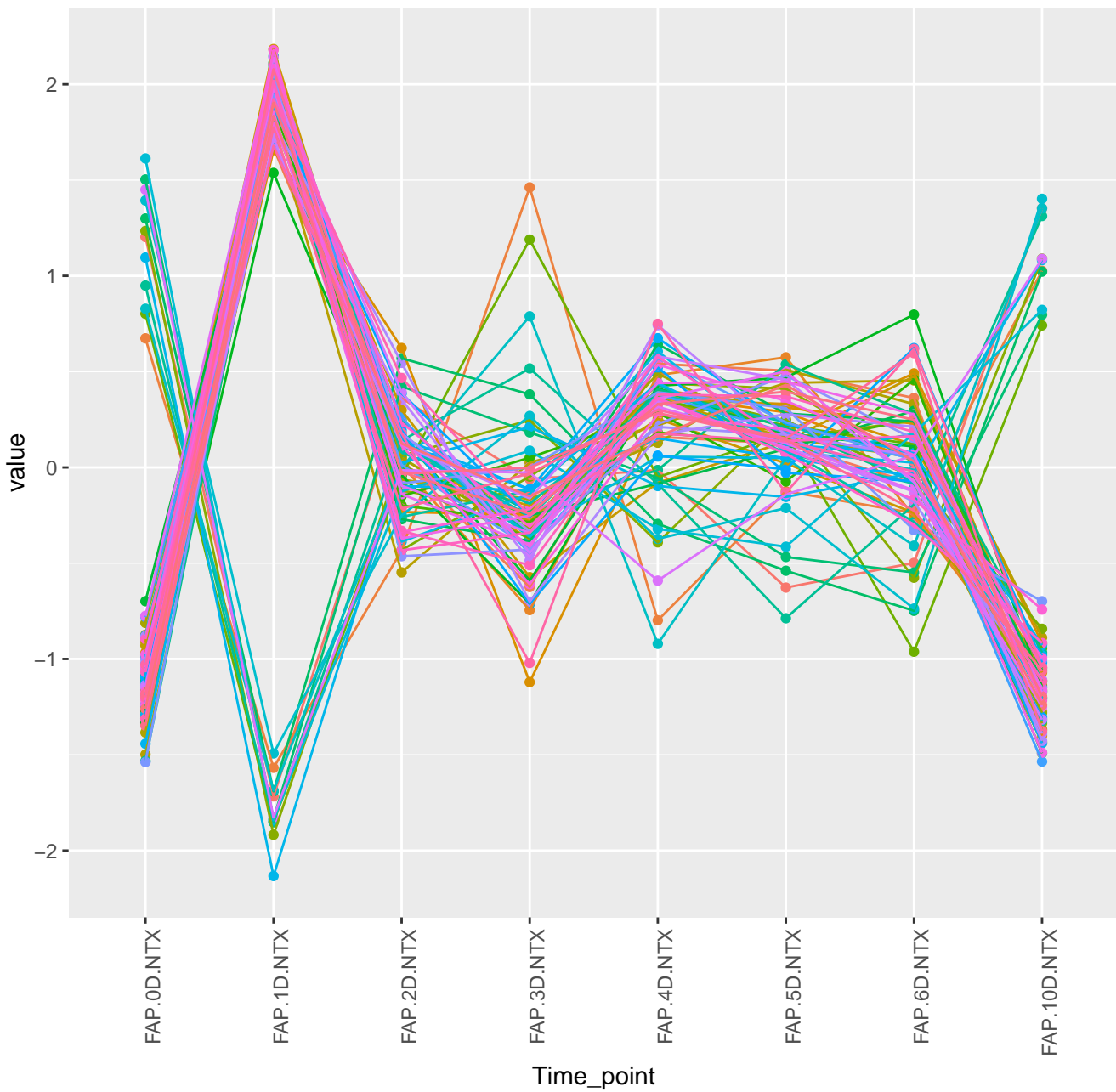
24 genes – cluster 181



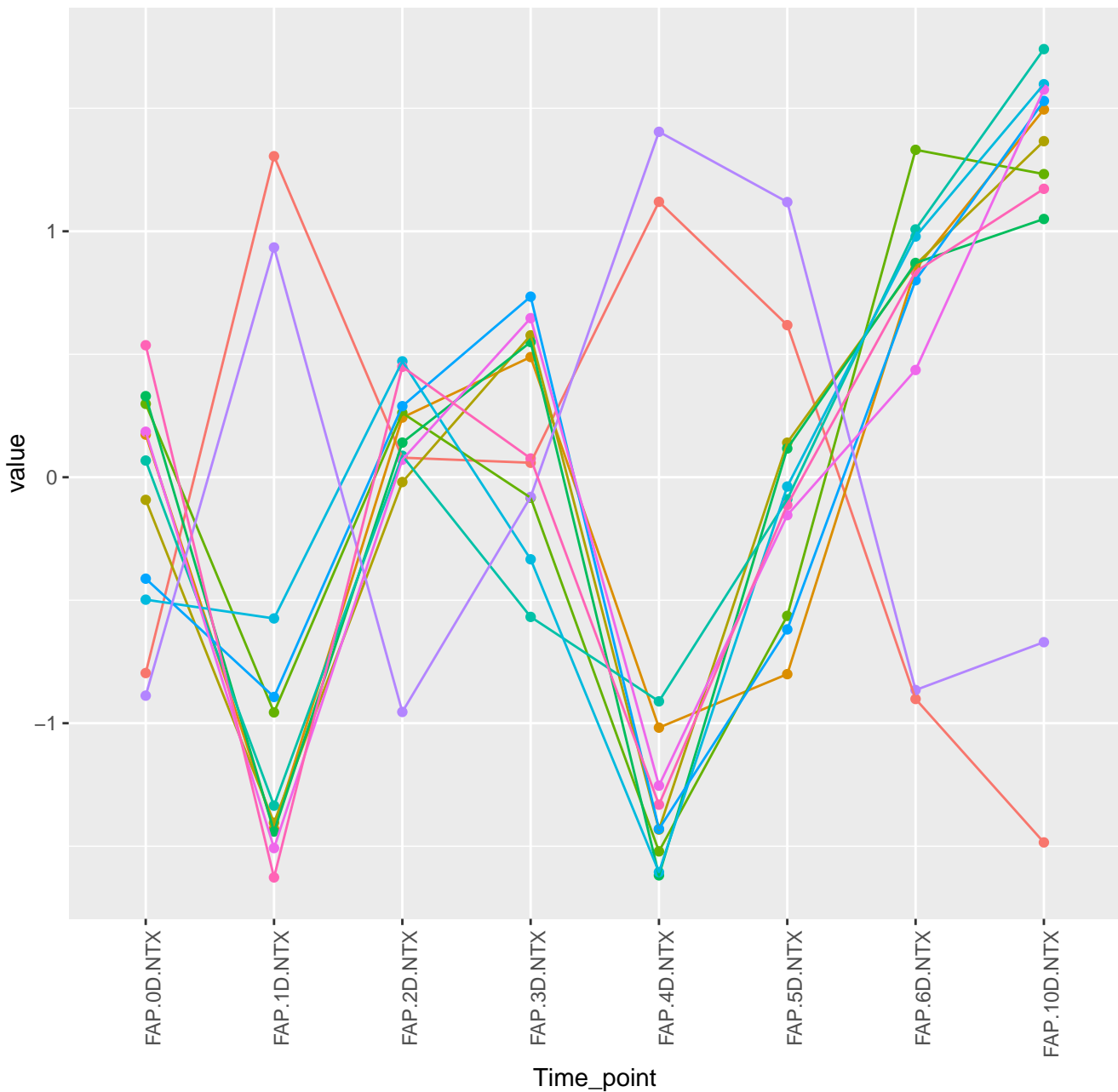
11 genes – cluster 182



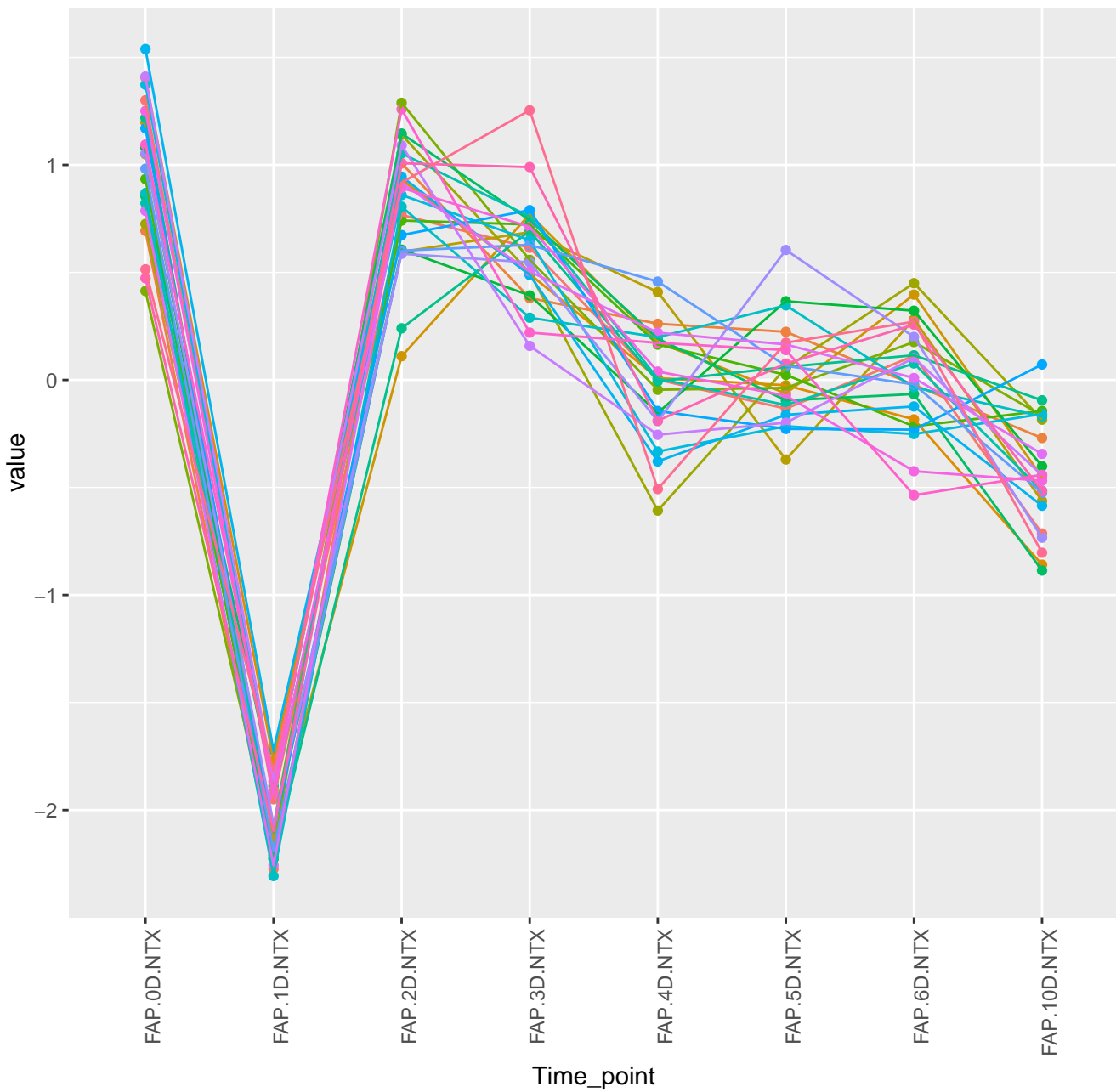
72 genes – cluster 183



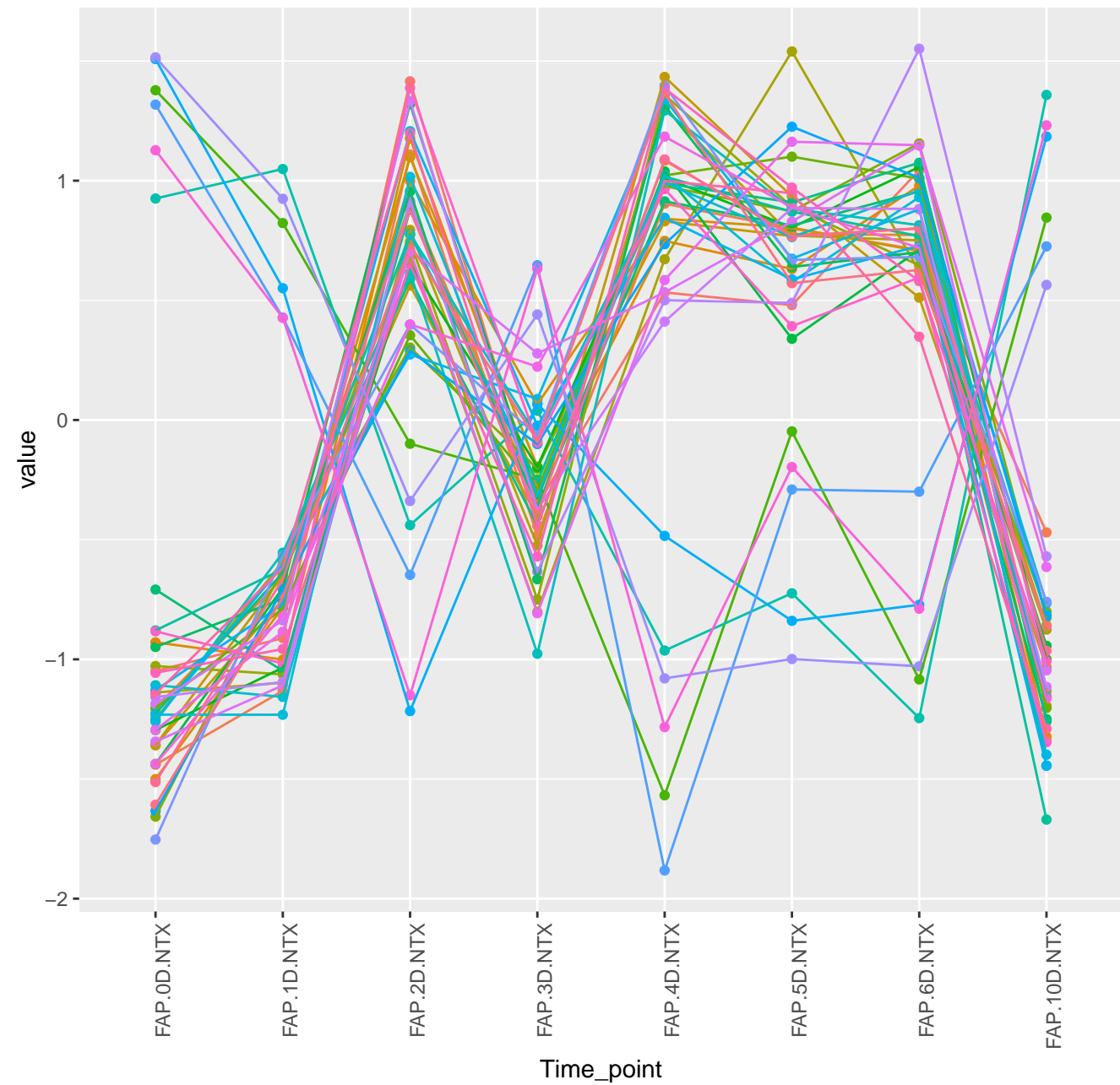
11 genes – cluster 184



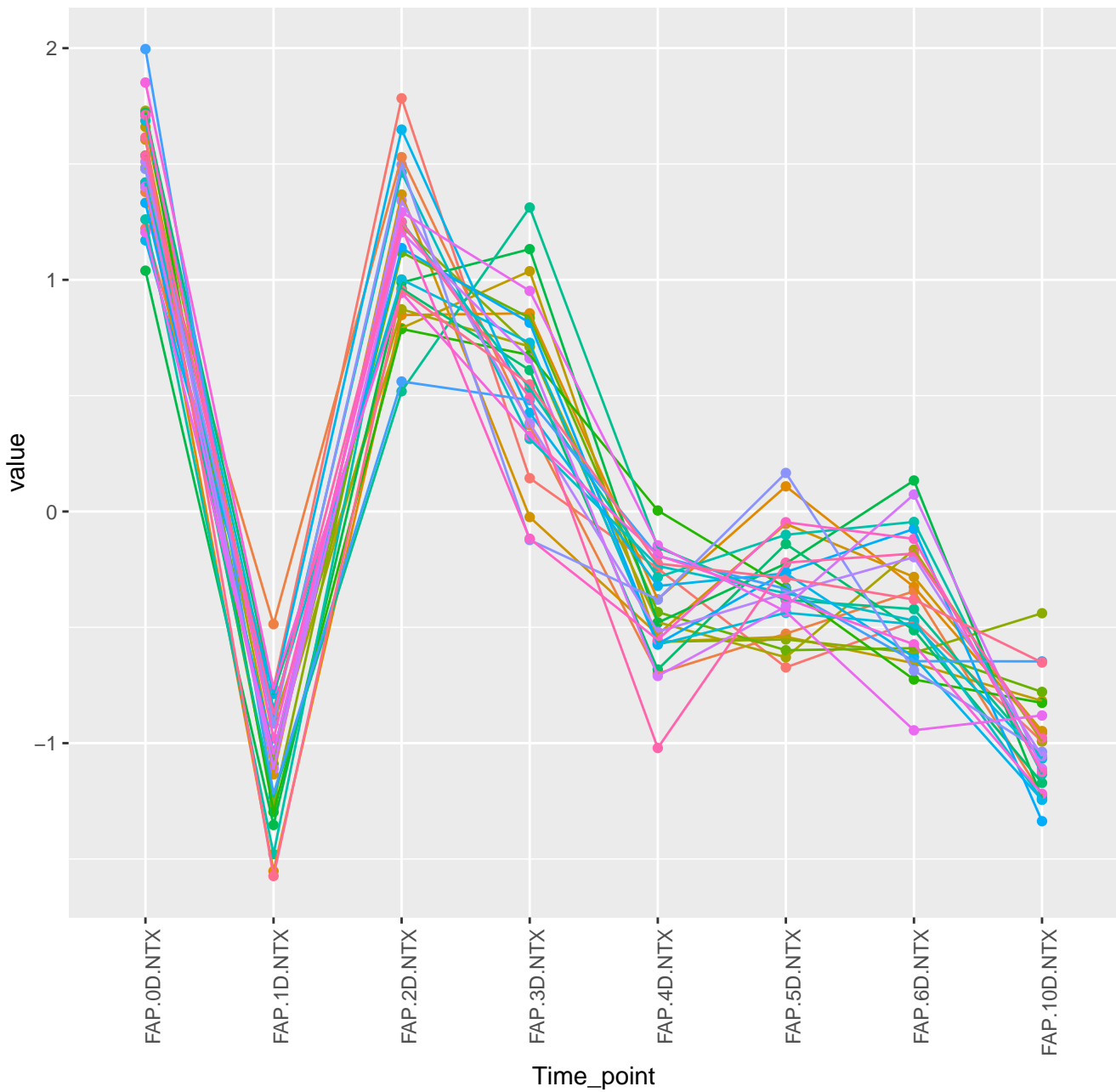
24 genes – cluster 185



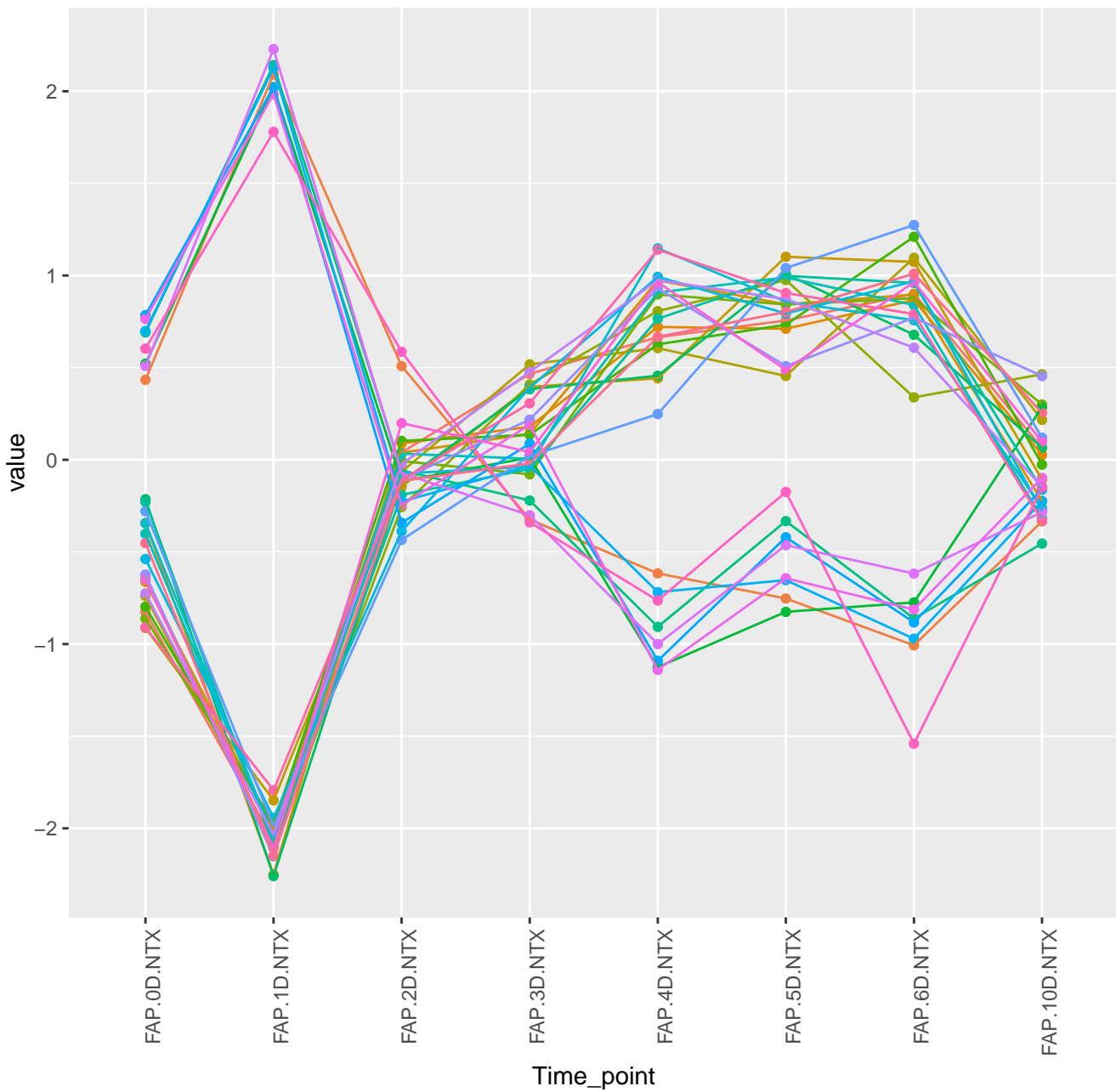
41 genes – cluster 186



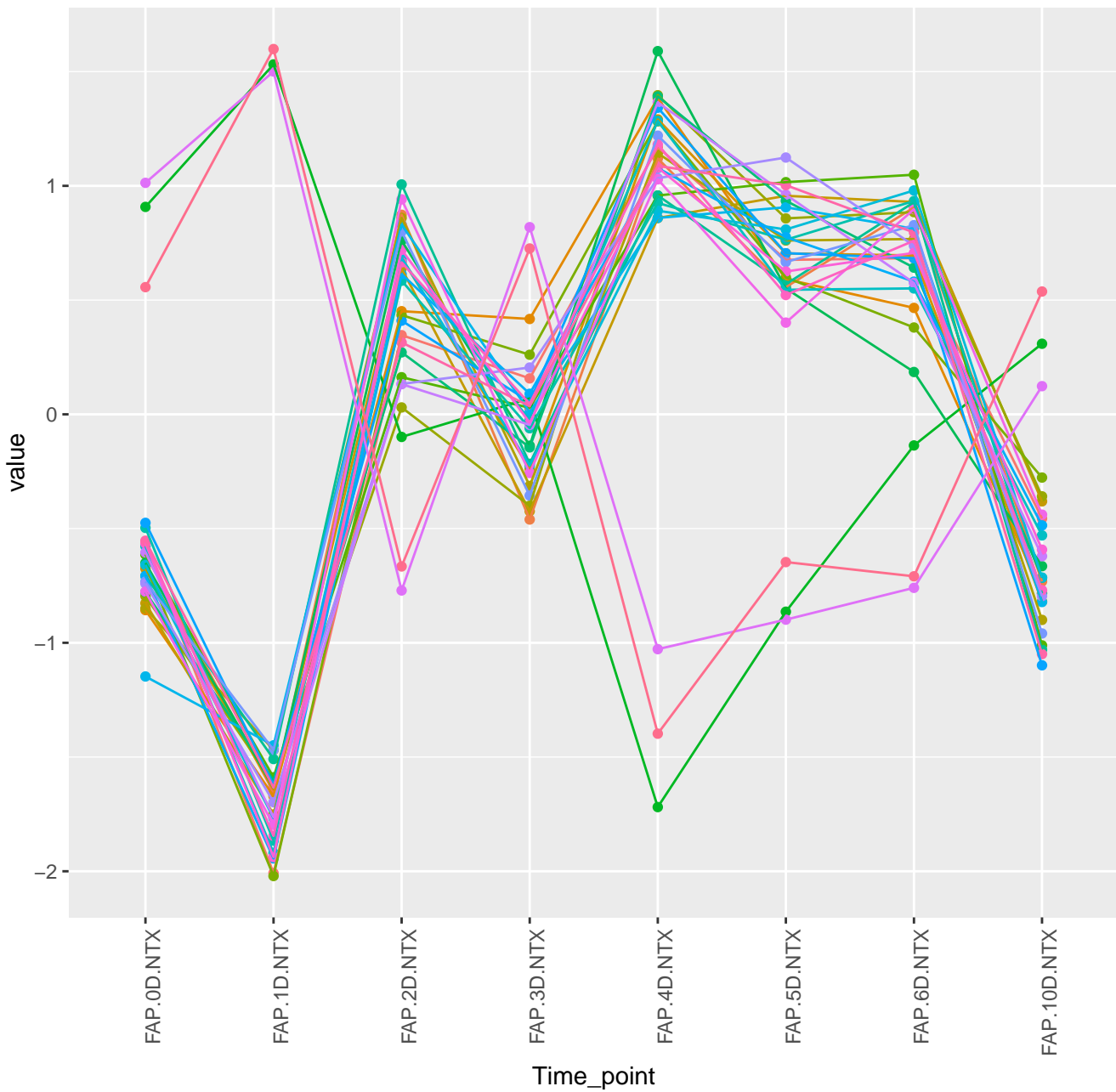
26 genes – cluster 187



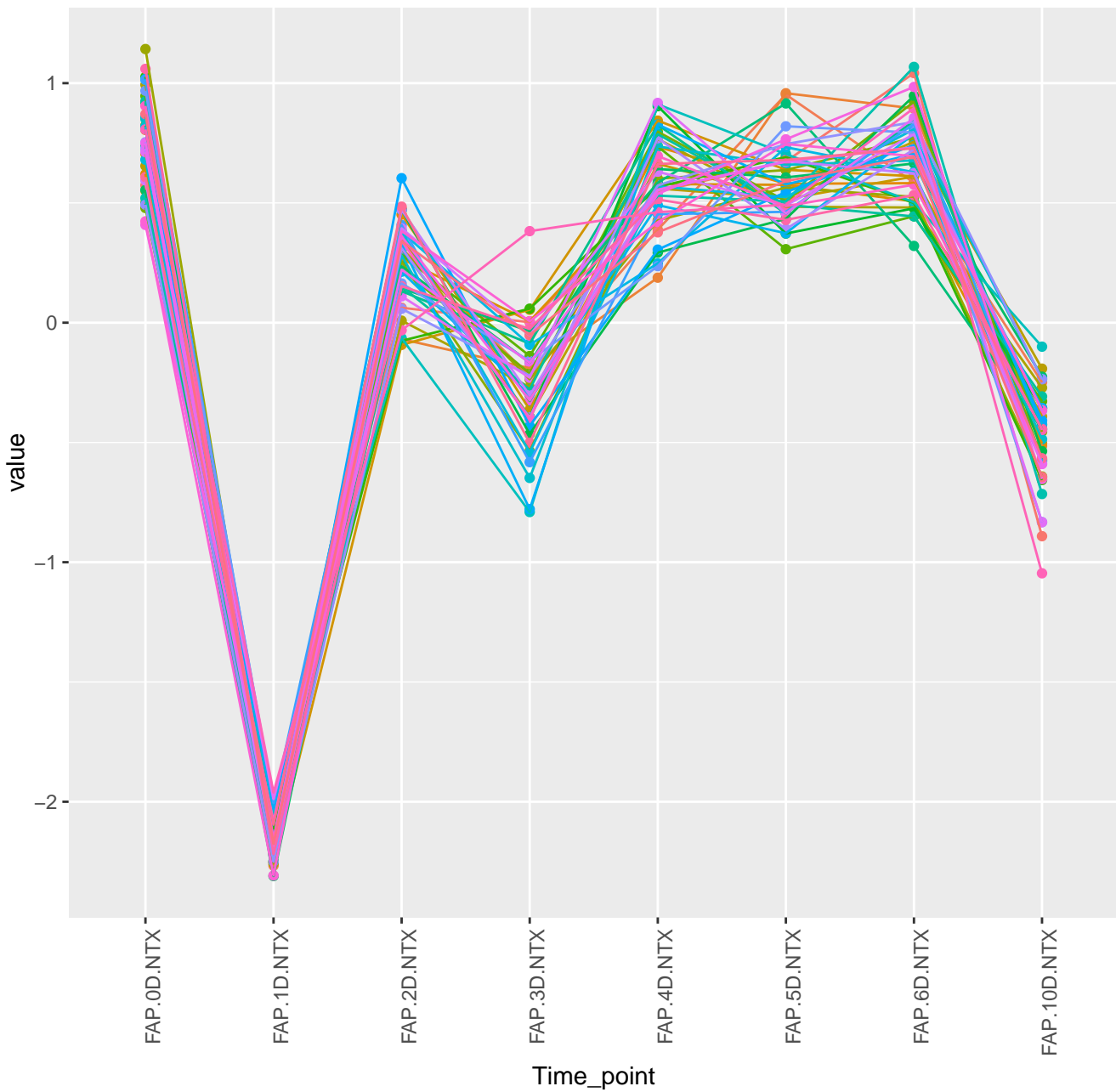
27 genes – cluster 188



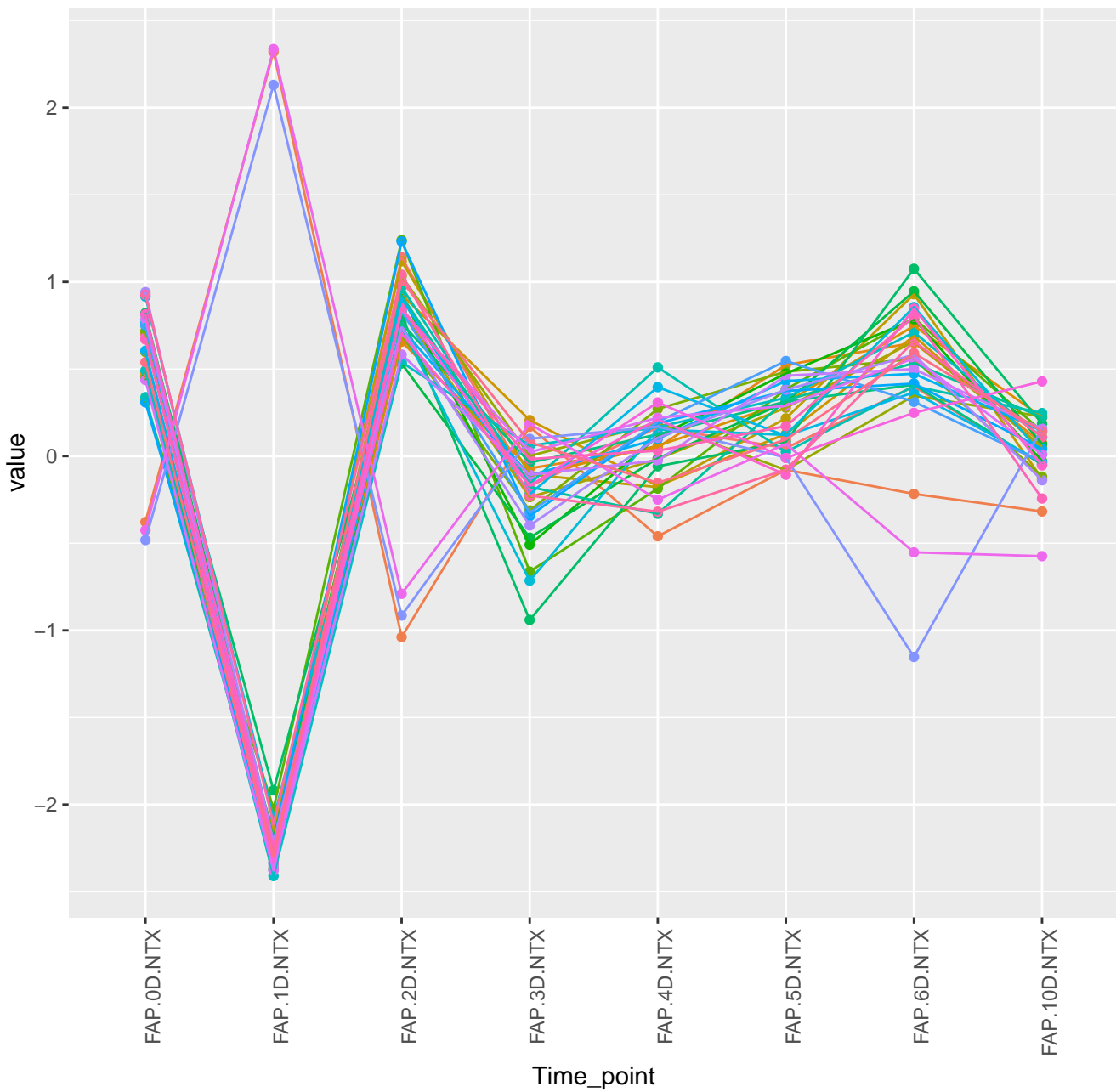
28 genes – cluster 189



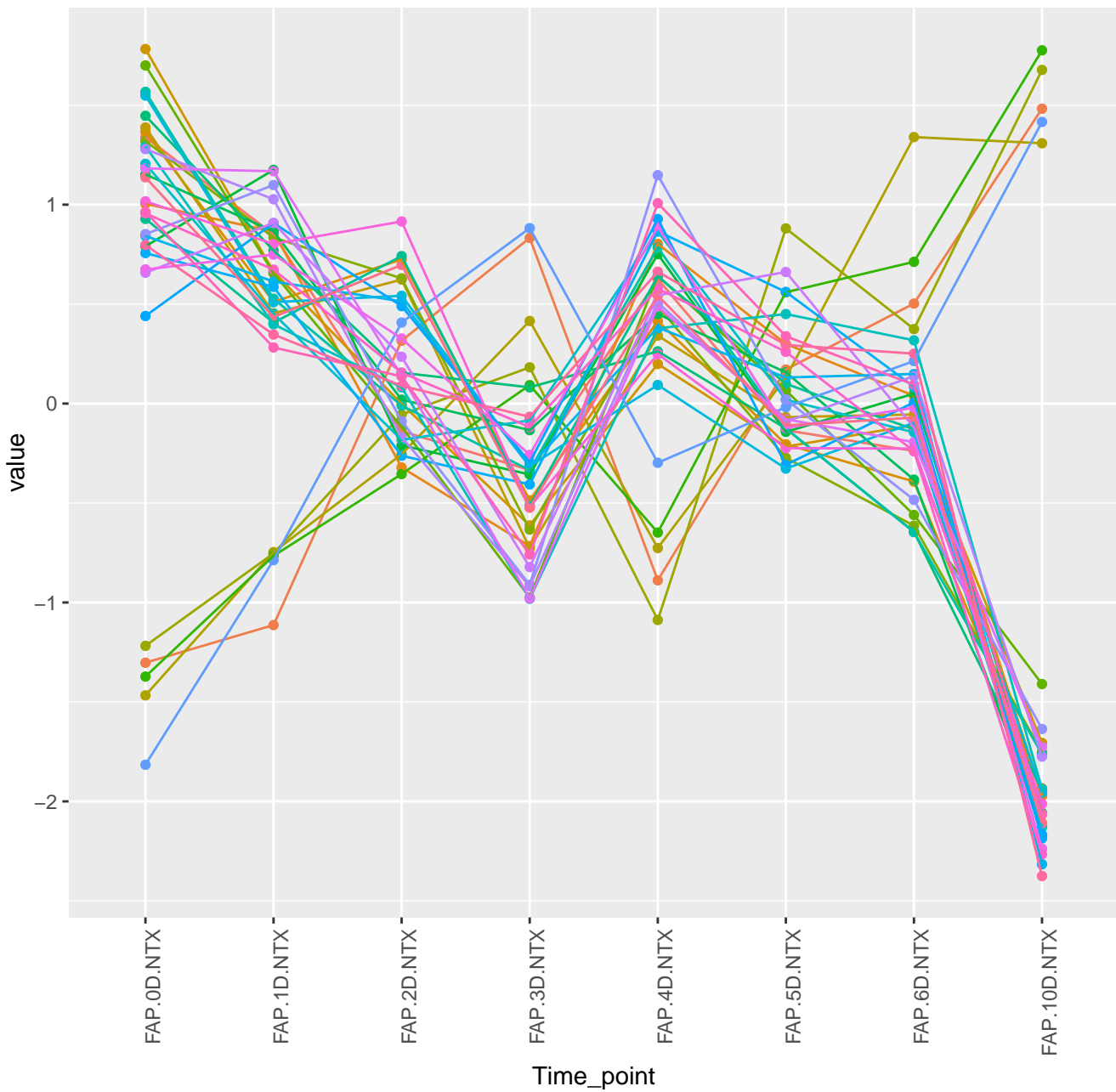
43 genes – cluster 190



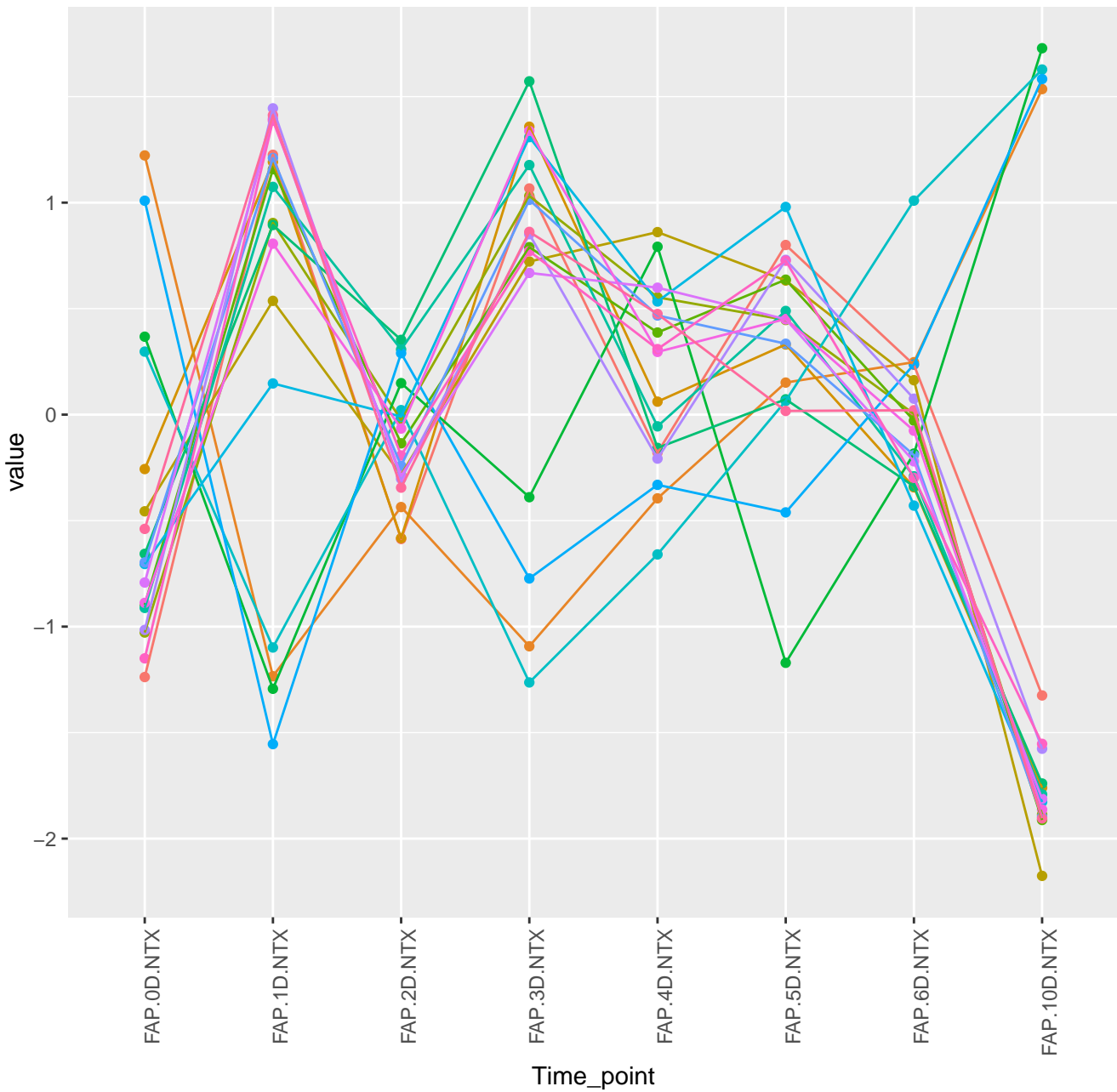
32 genes – cluster 191



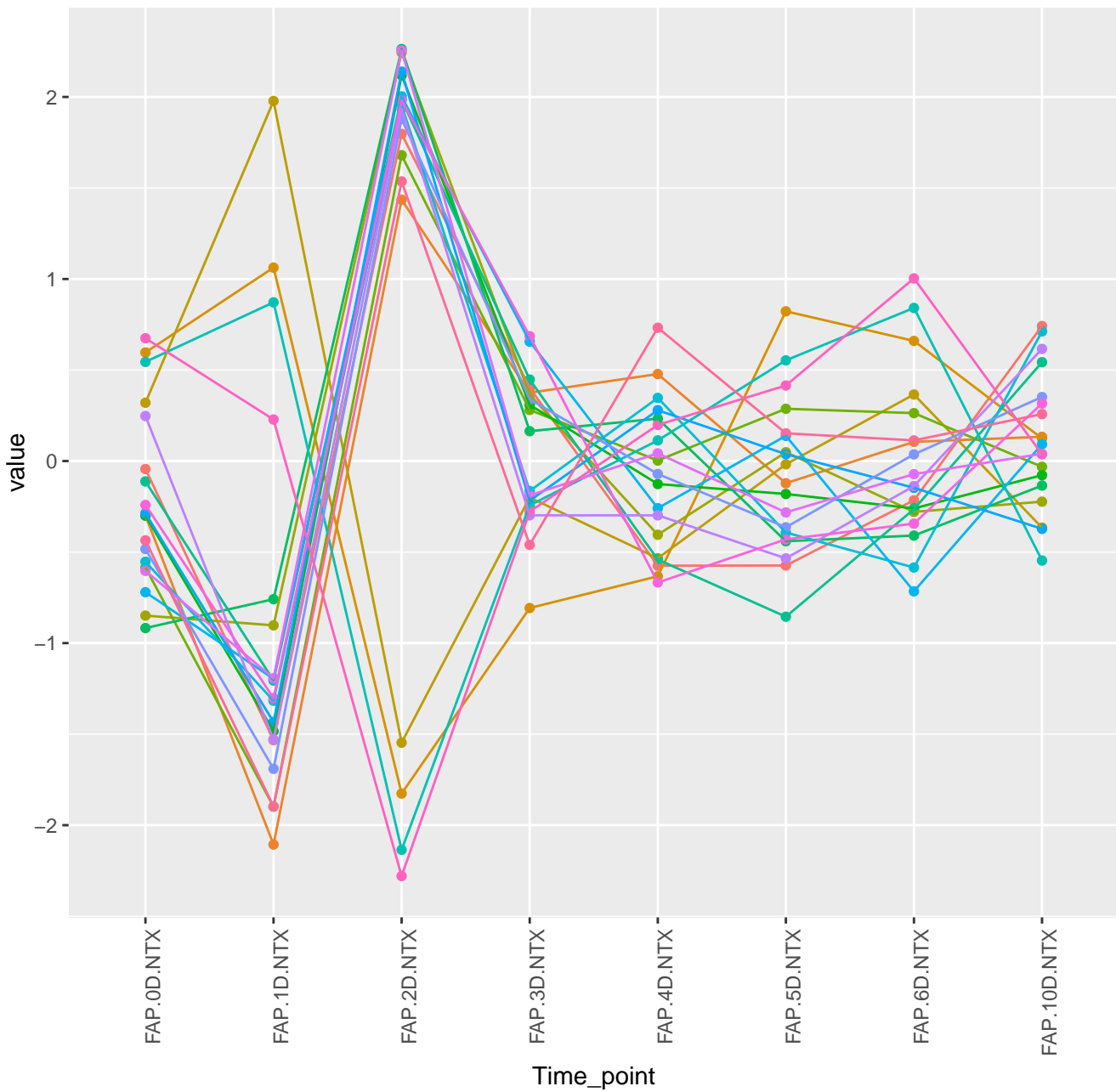
33 genes – cluster 192



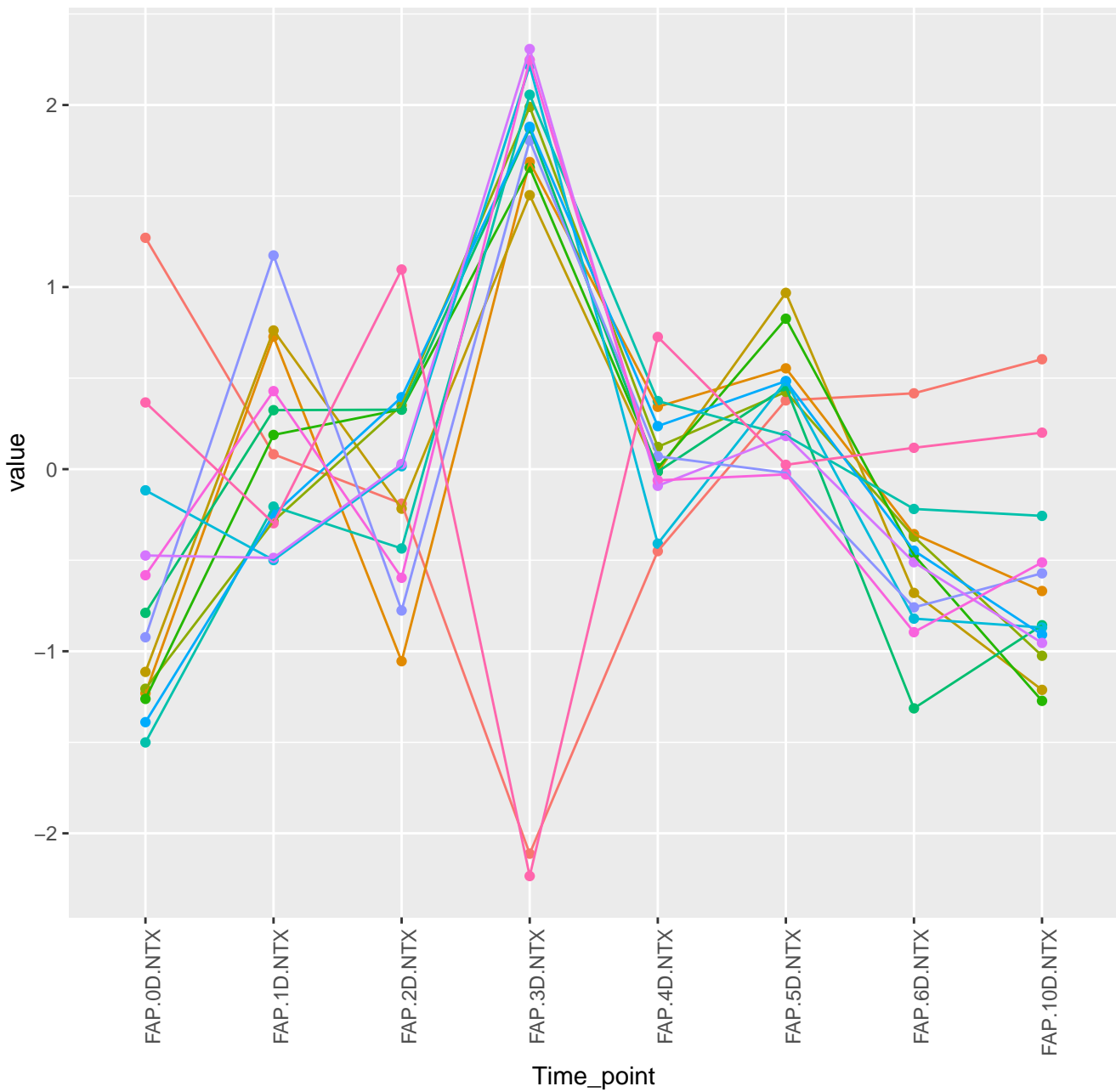
18 genes – cluster 193



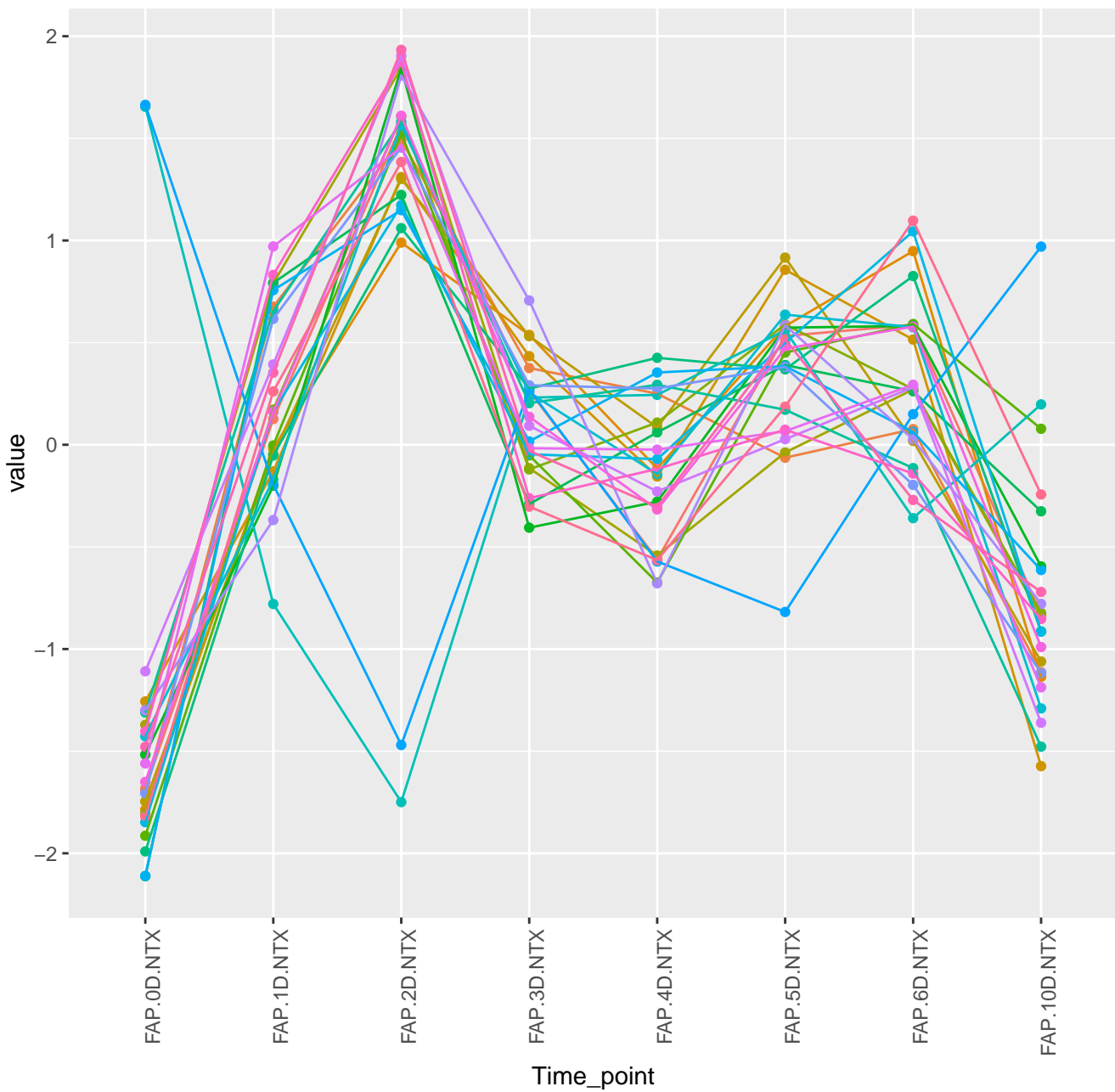
19 genes – cluster 194



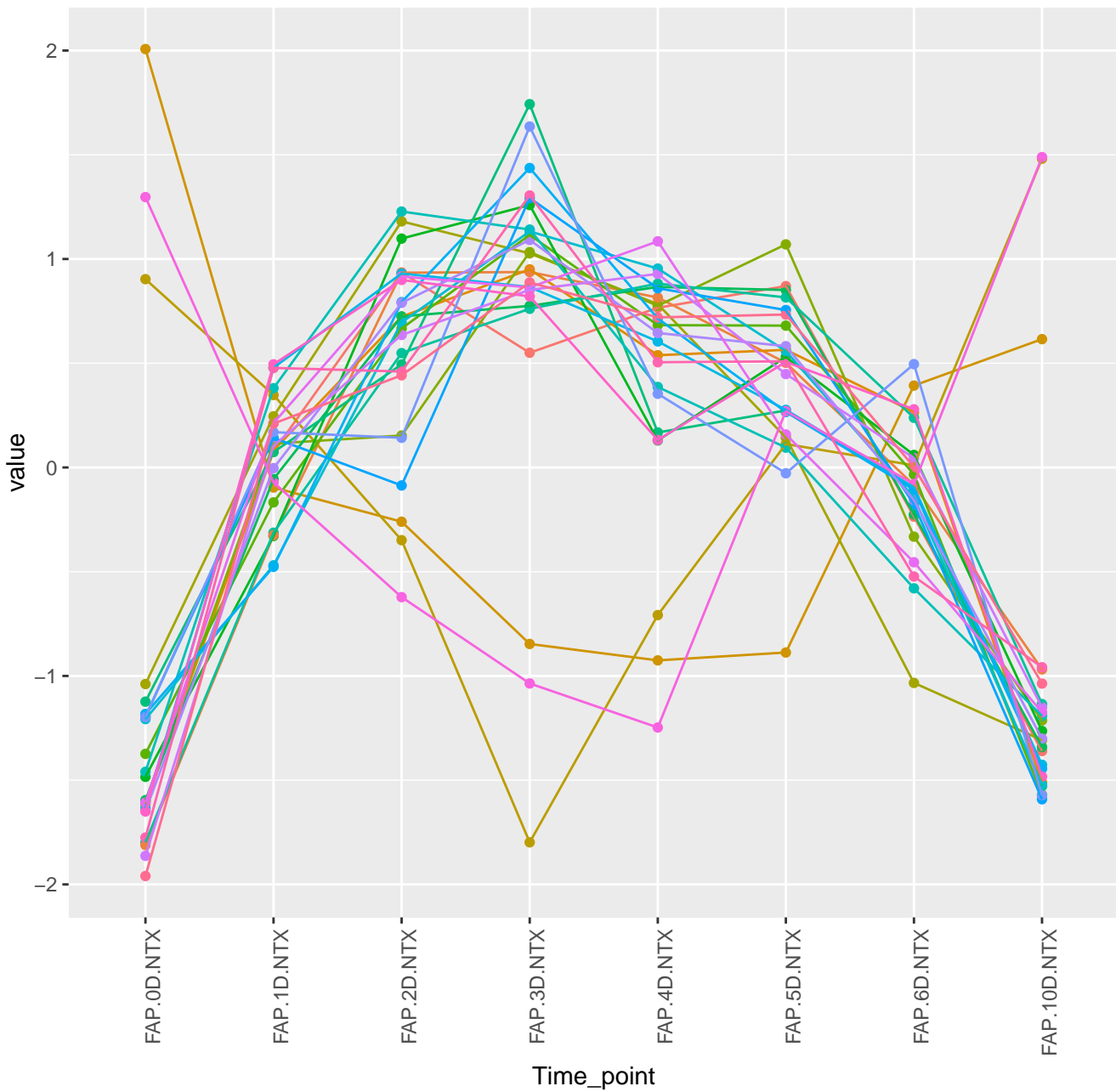
13 genes – cluster 195



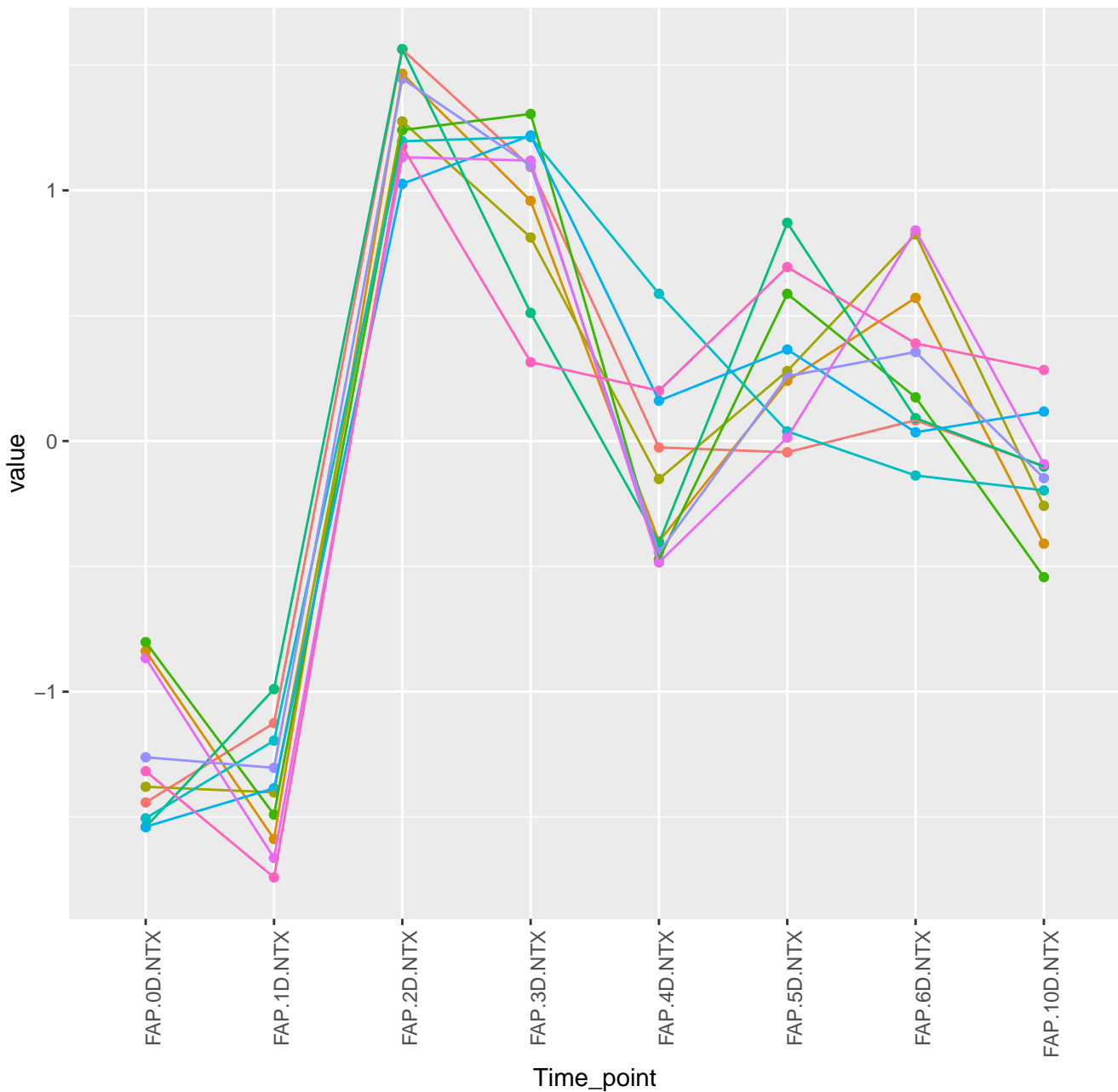
25 genes – cluster 196



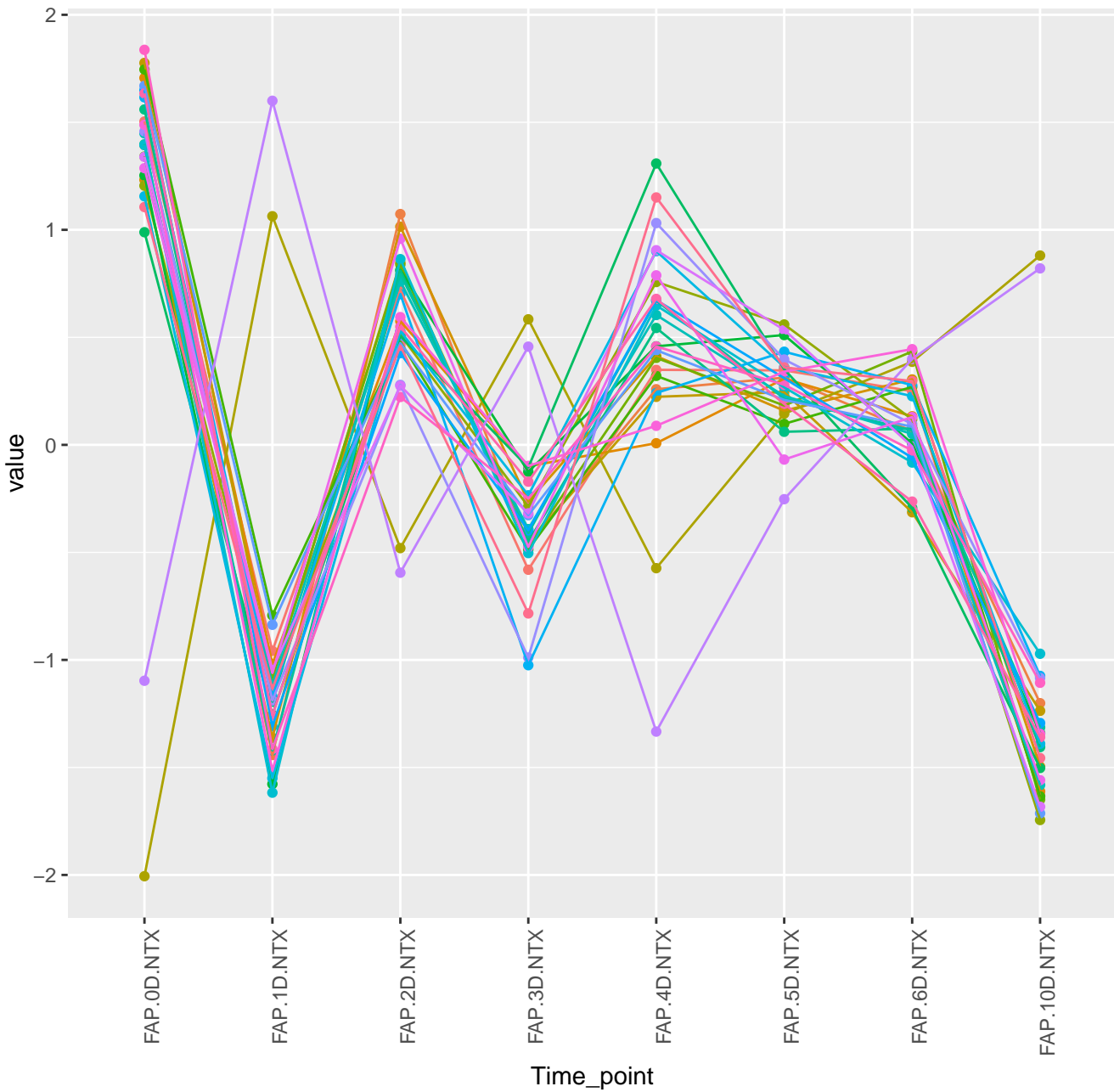
25 genes – cluster 197



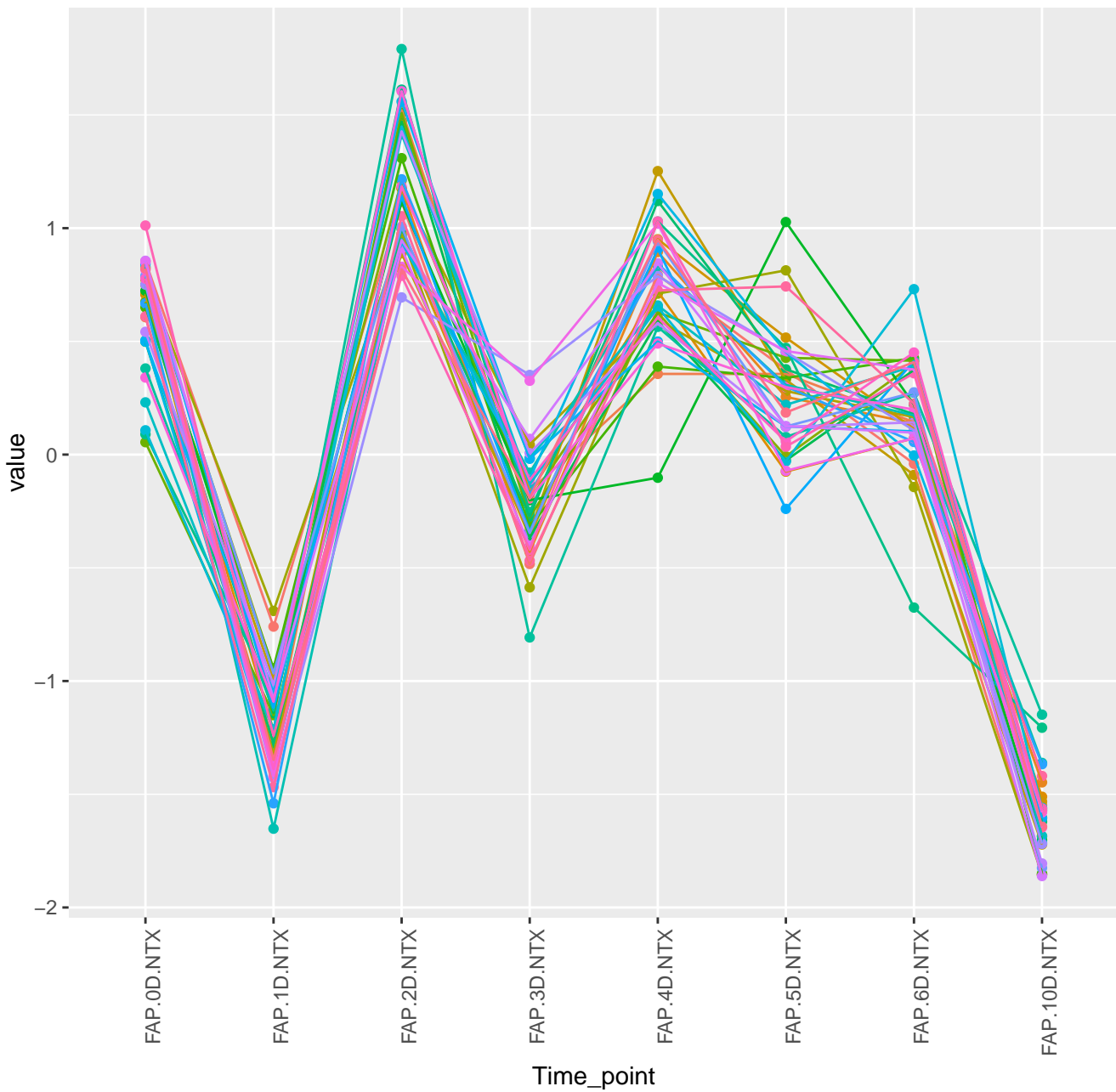
10 genes – cluster 198



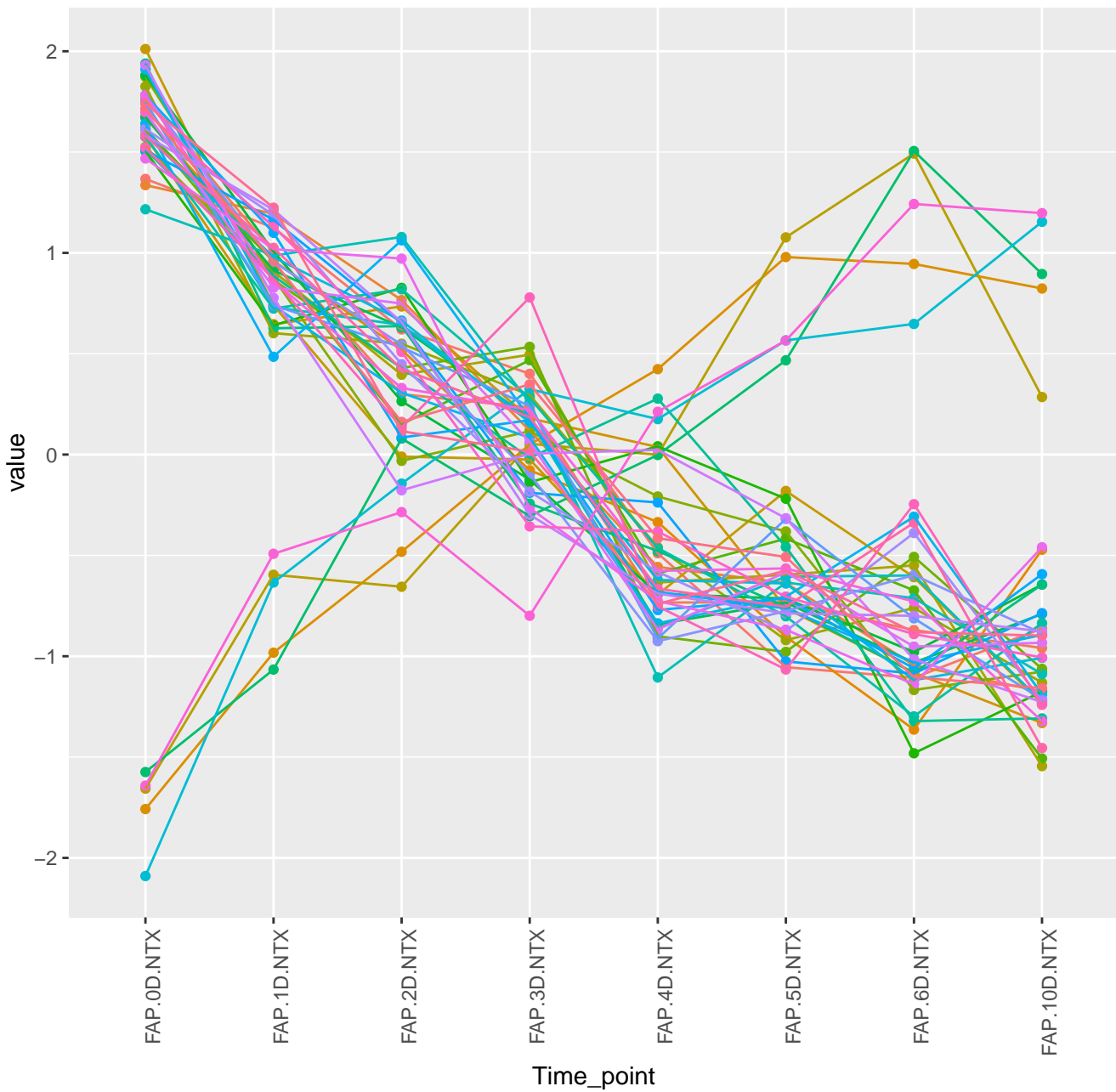
27 genes – cluster 199



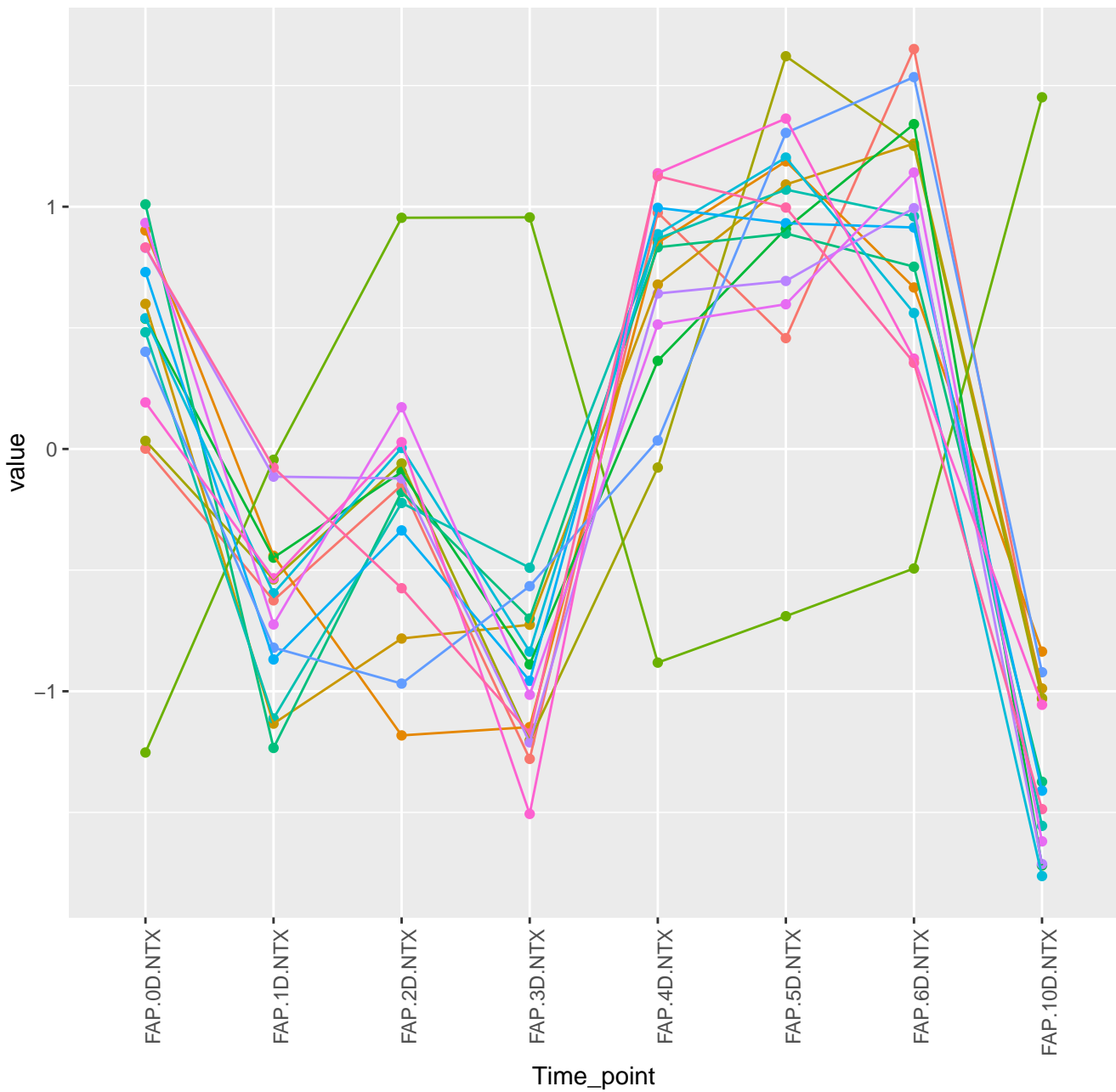
34 genes – cluster 200



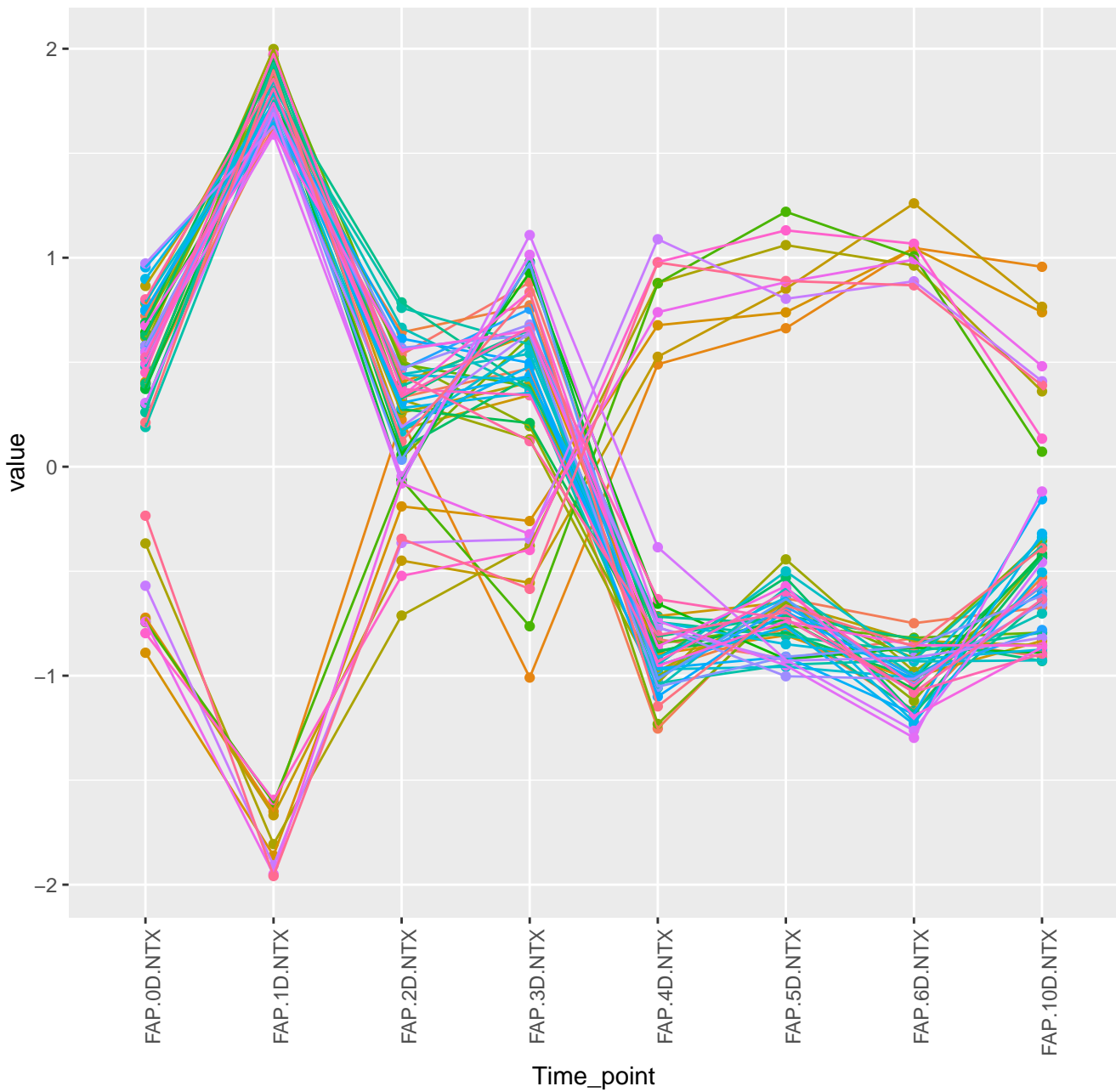
42 genes – cluster 201



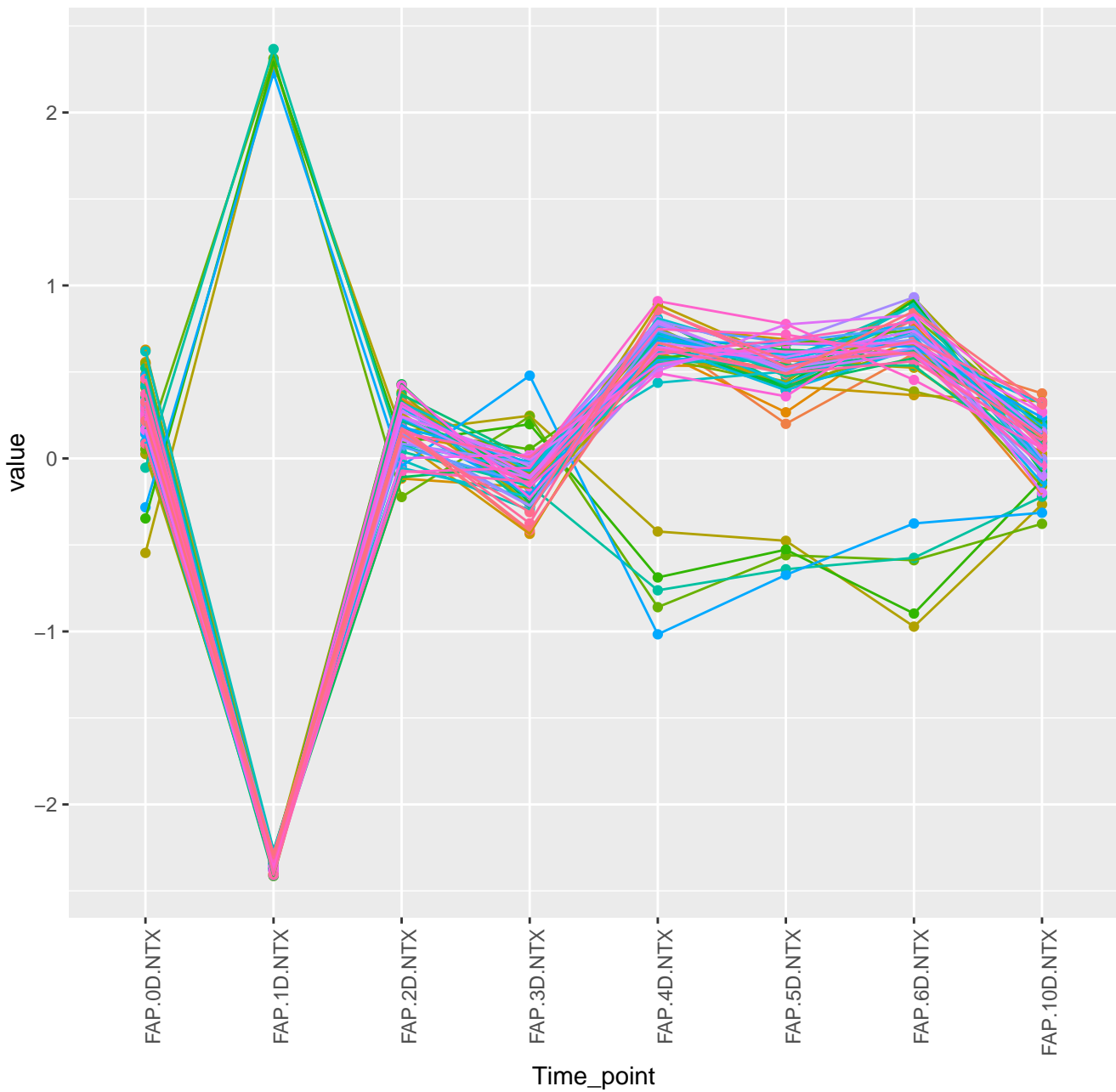
15 genes – cluster 202



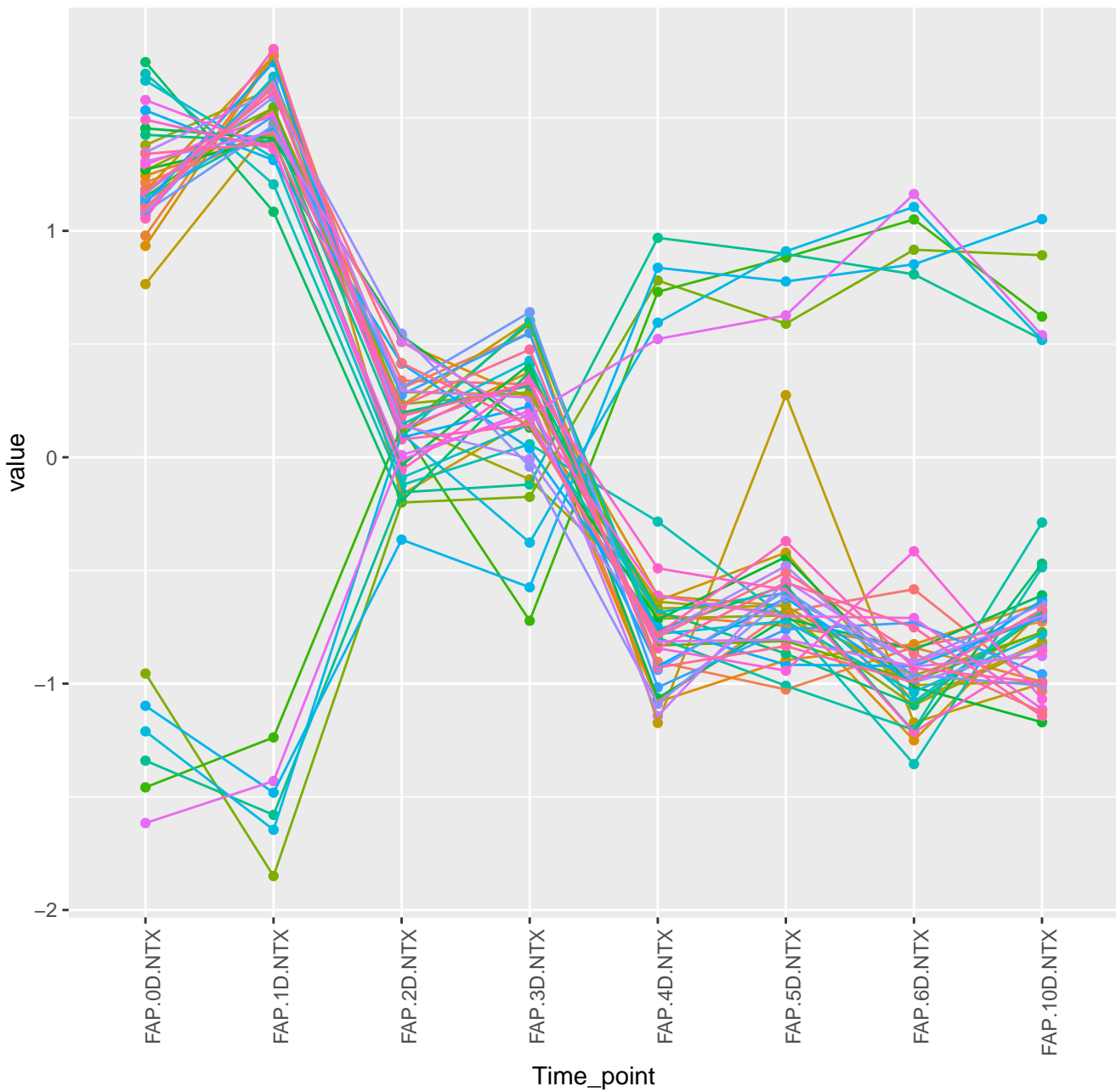
48 genes – cluster 203



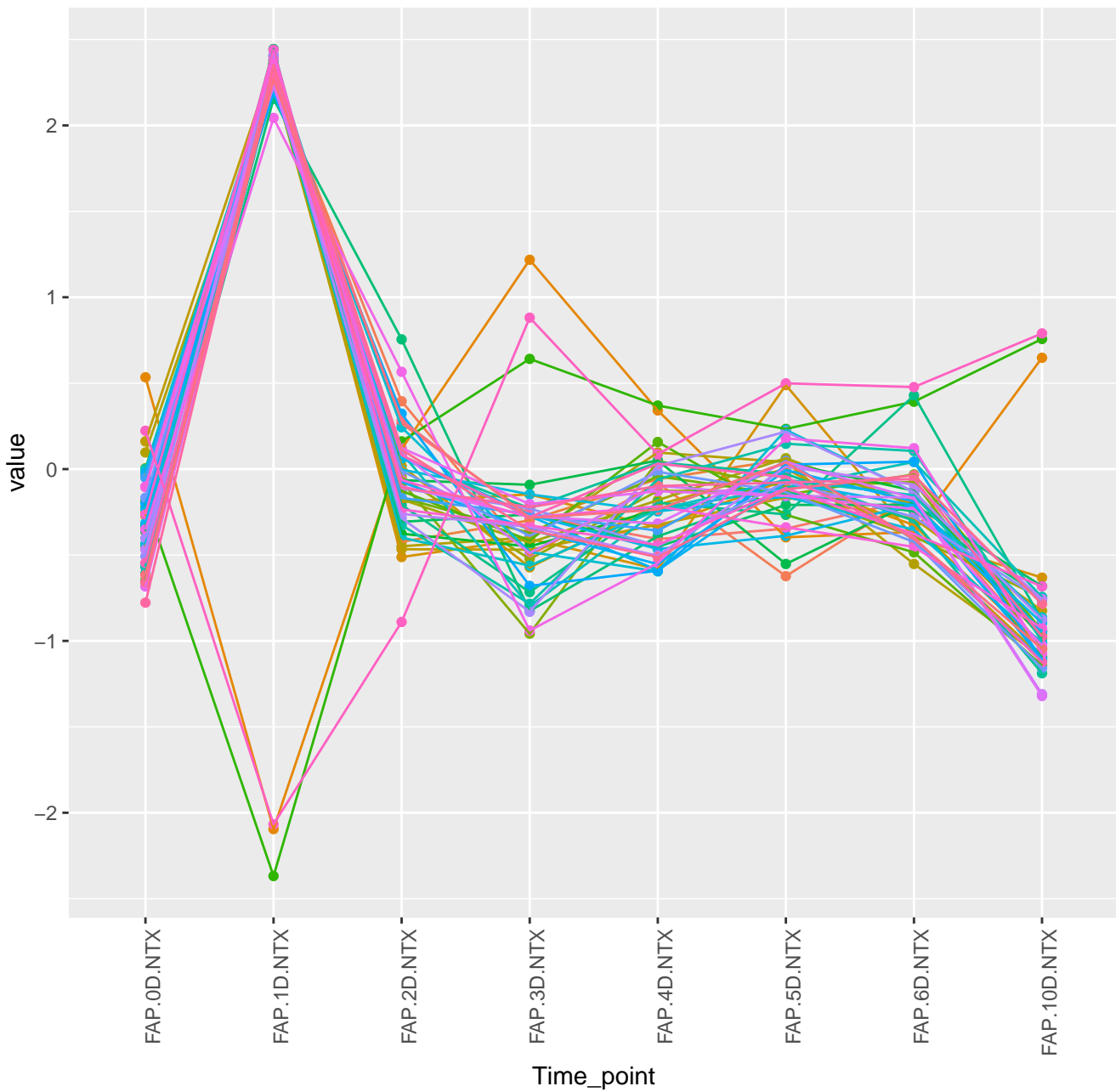
56 genes – cluster 204



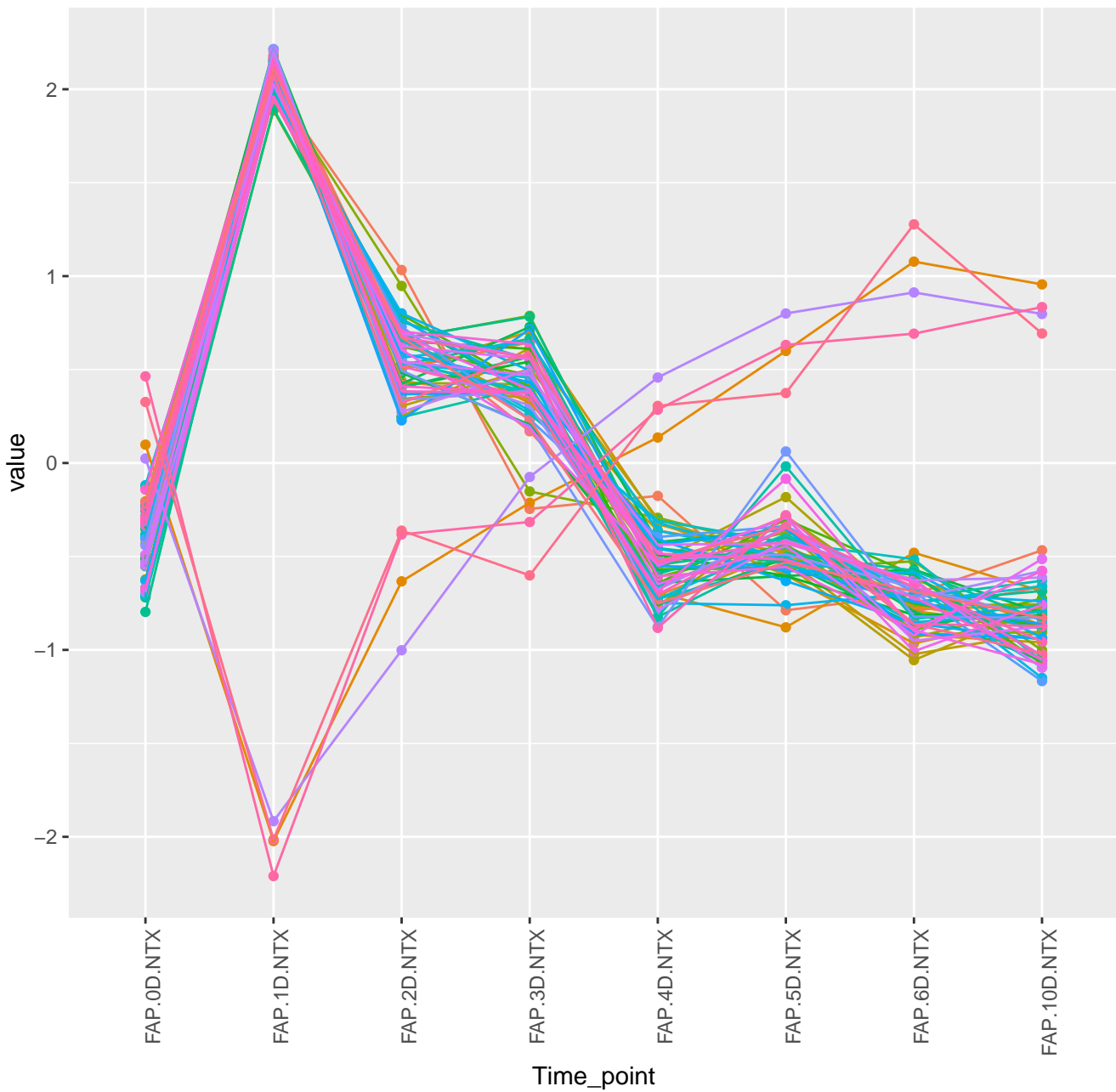
40 genes – cluster 205



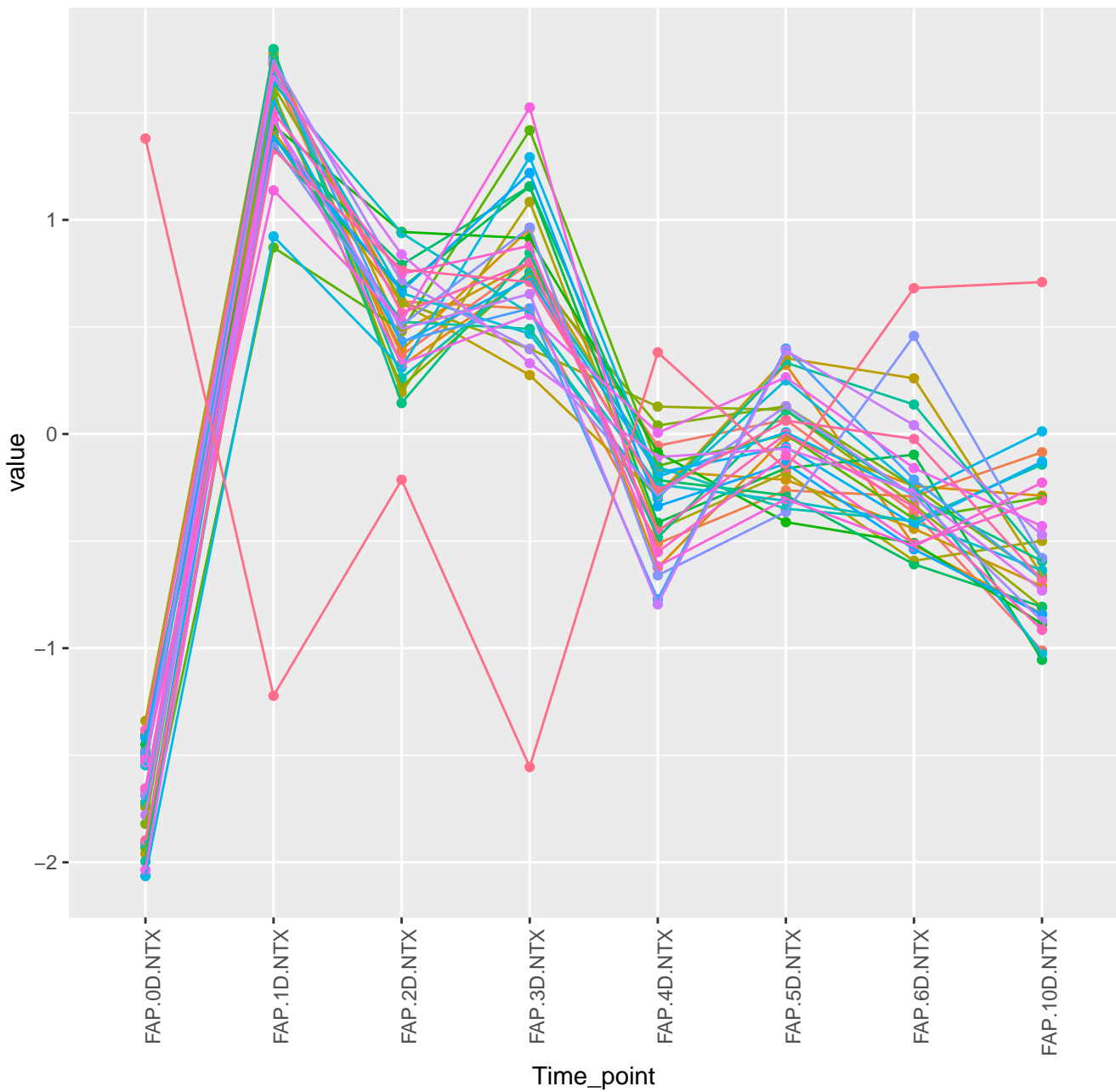
46 genes – cluster 206



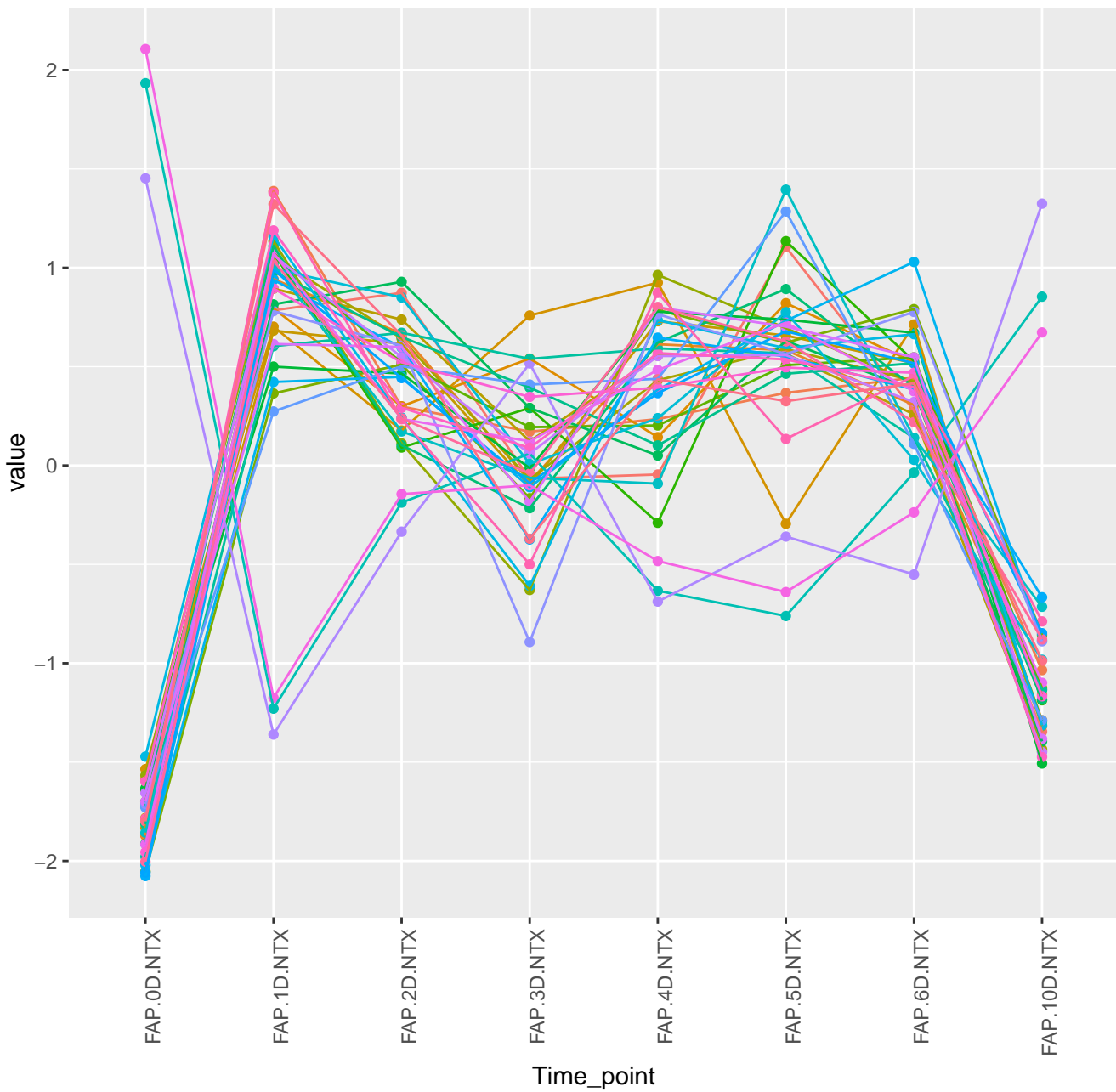
59 genes – cluster 207



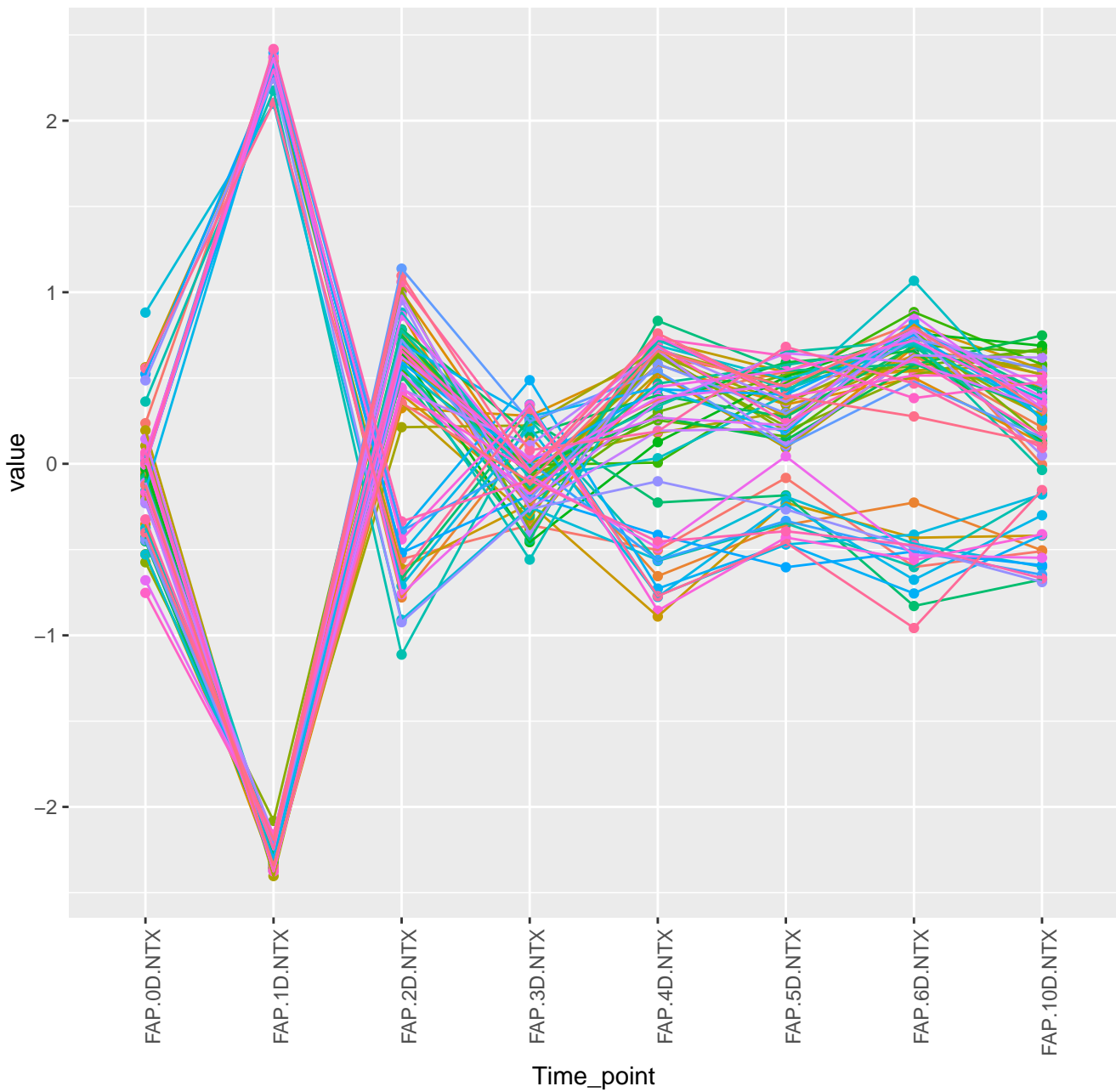
32 genes – cluster 208



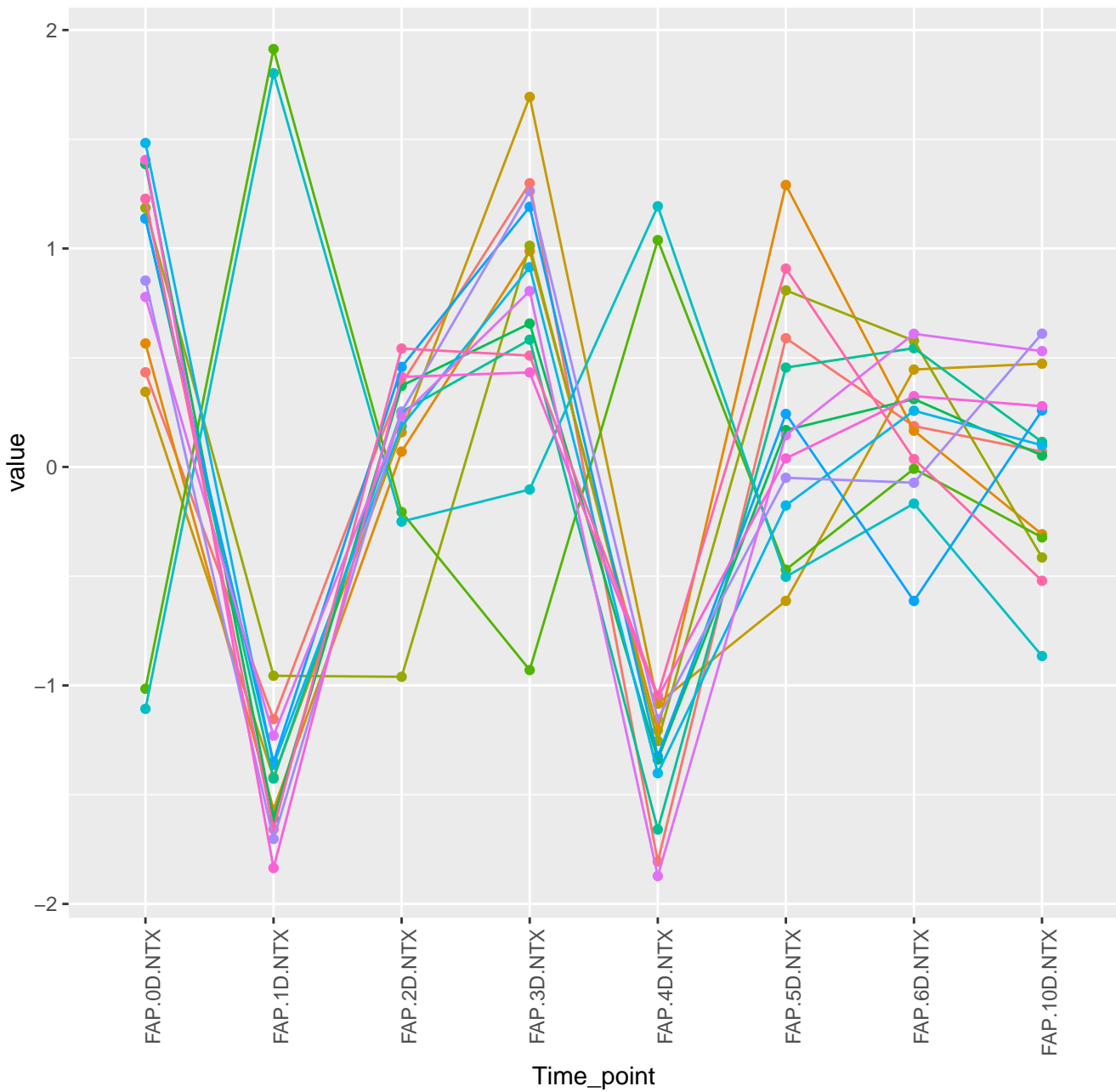
36 genes – cluster 209



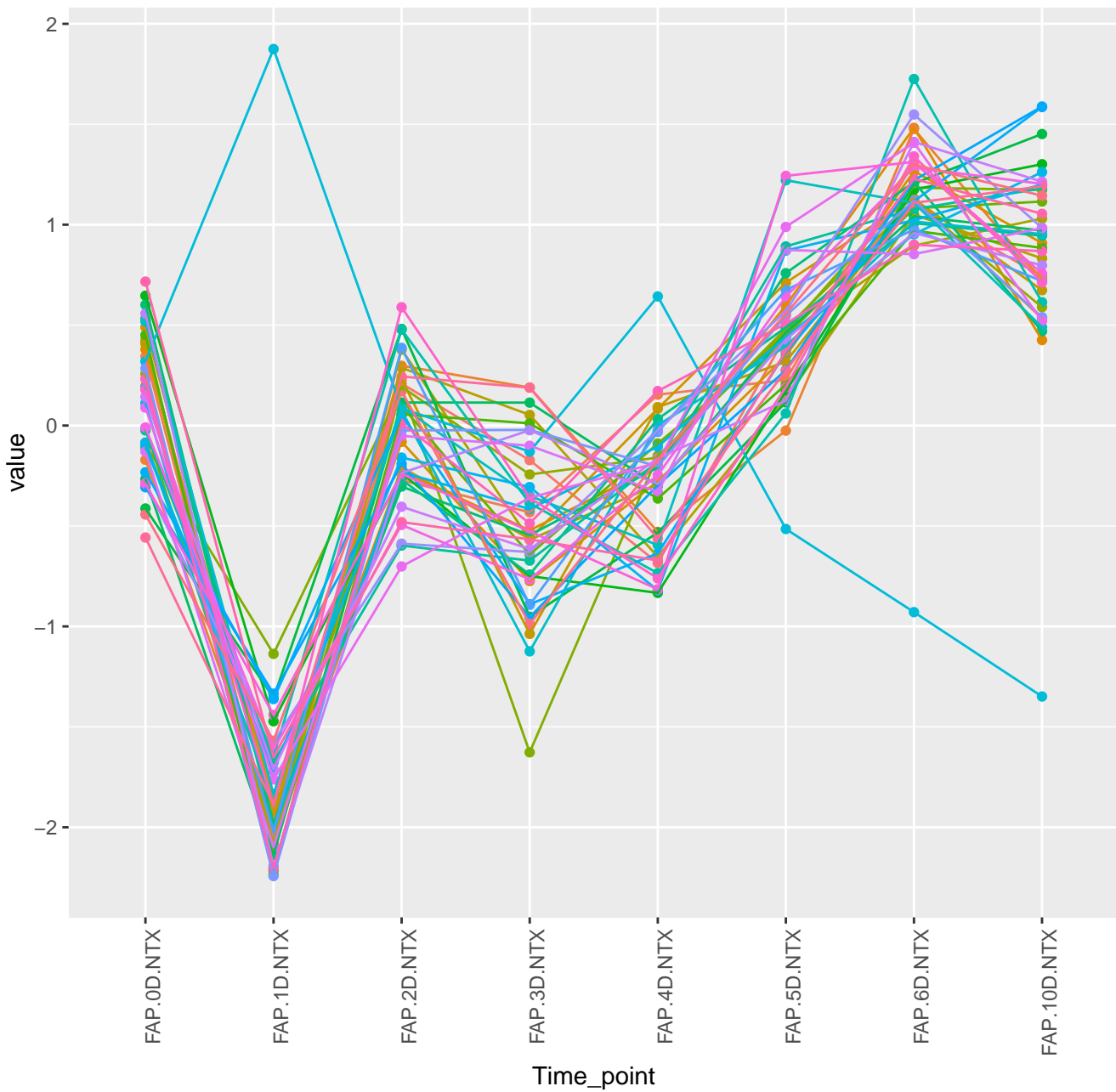
60 genes – cluster 210



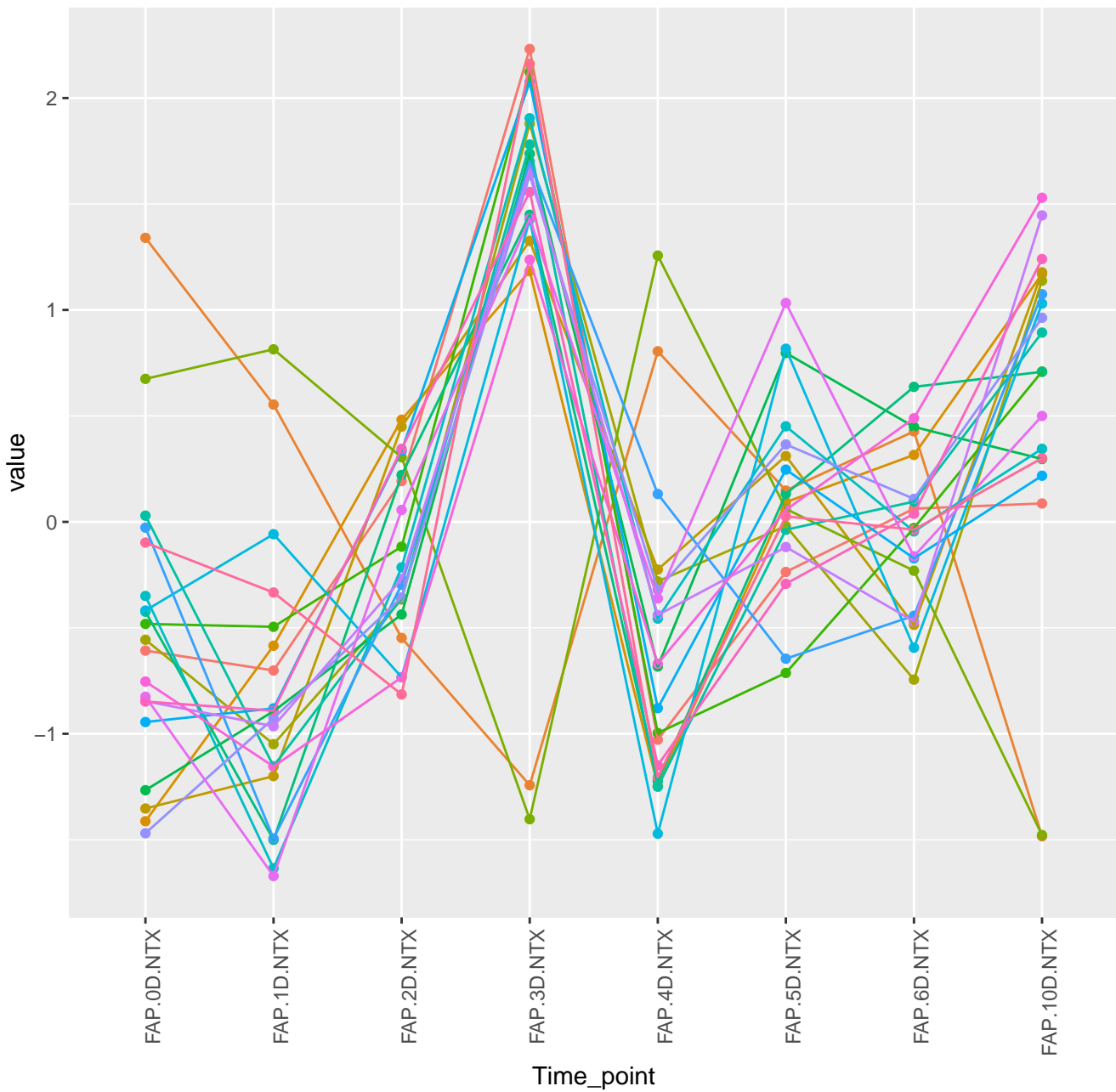
14 genes – cluster 211



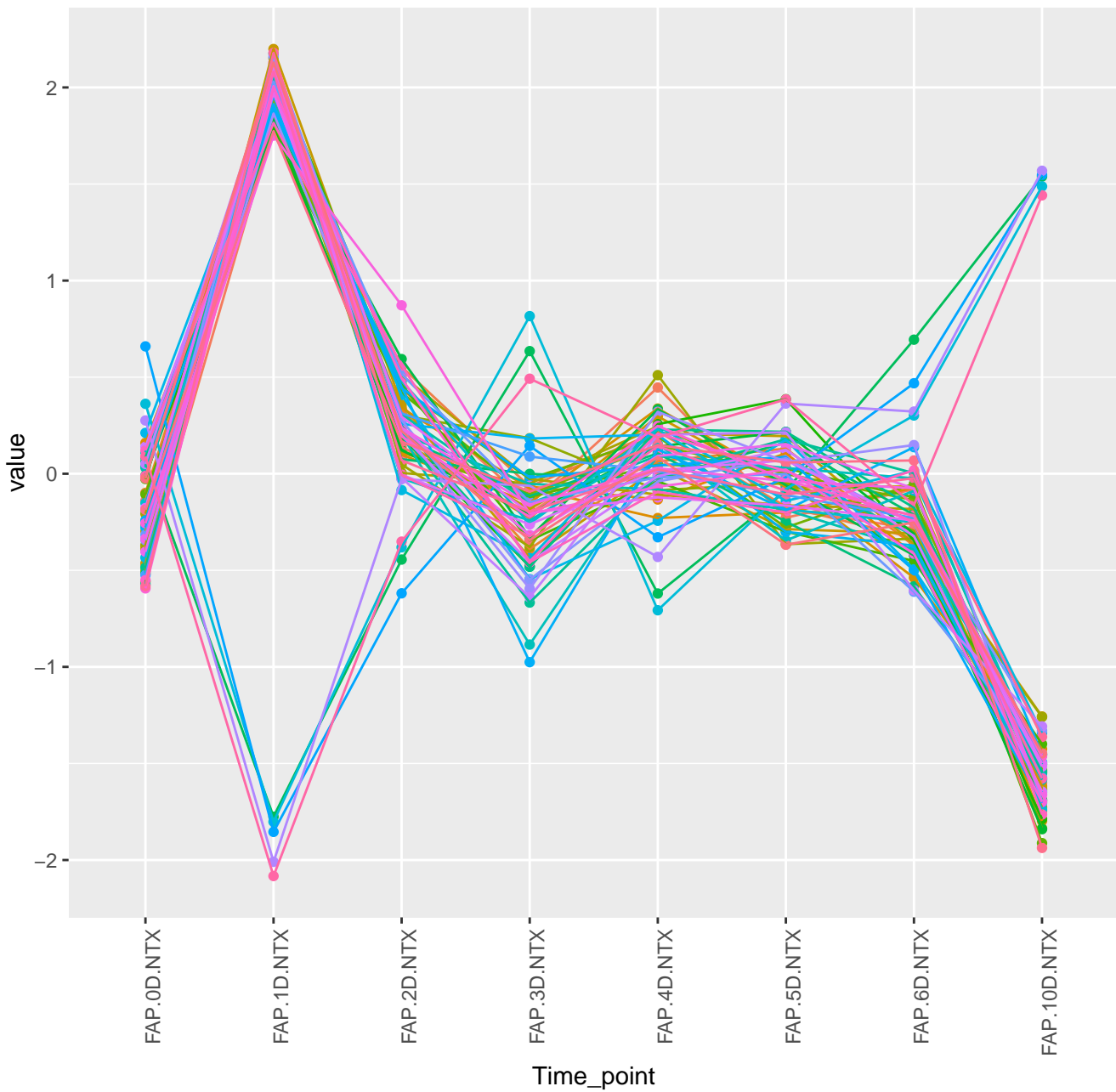
41 genes – cluster 212



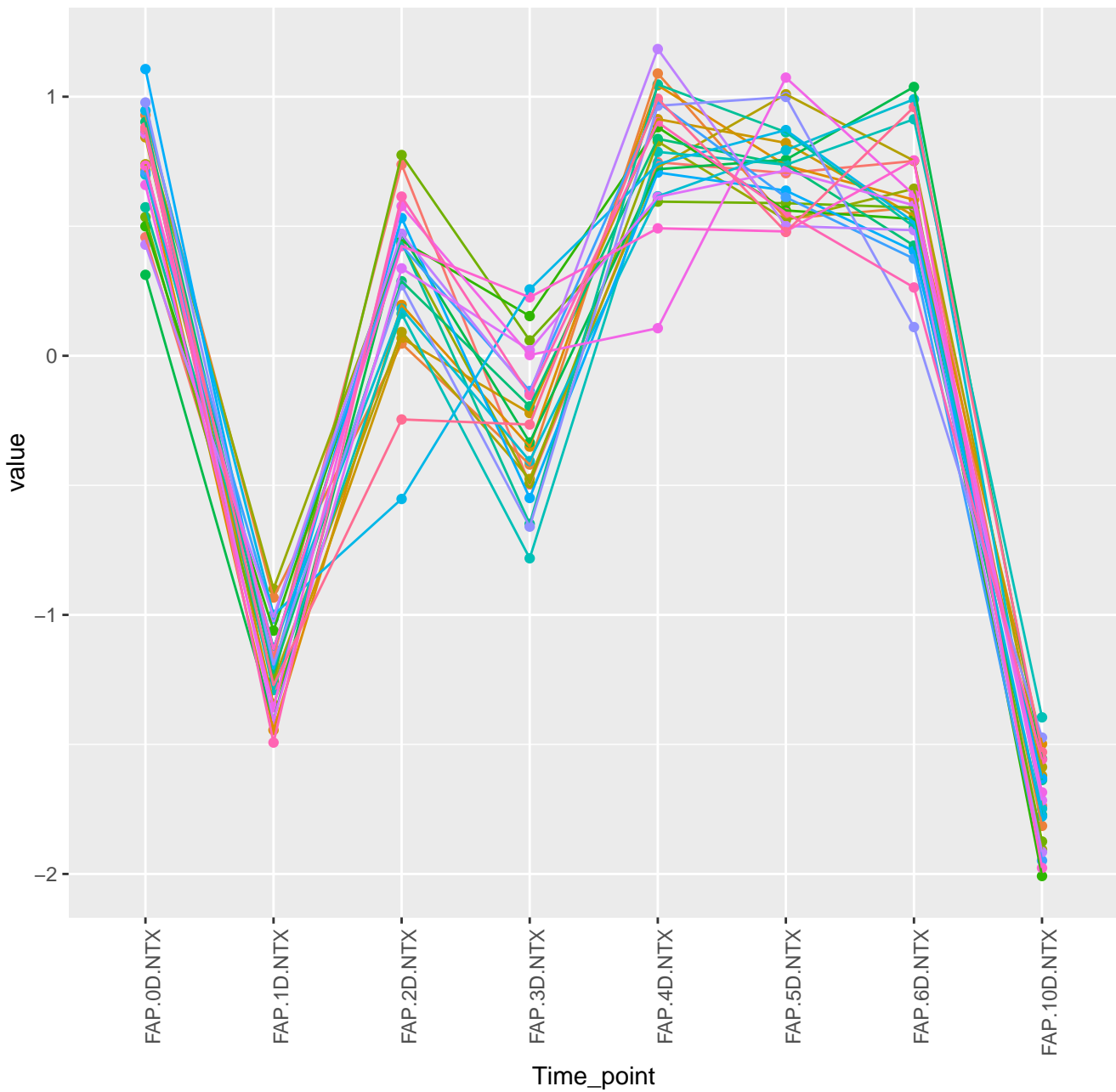
20 genes – cluster 213



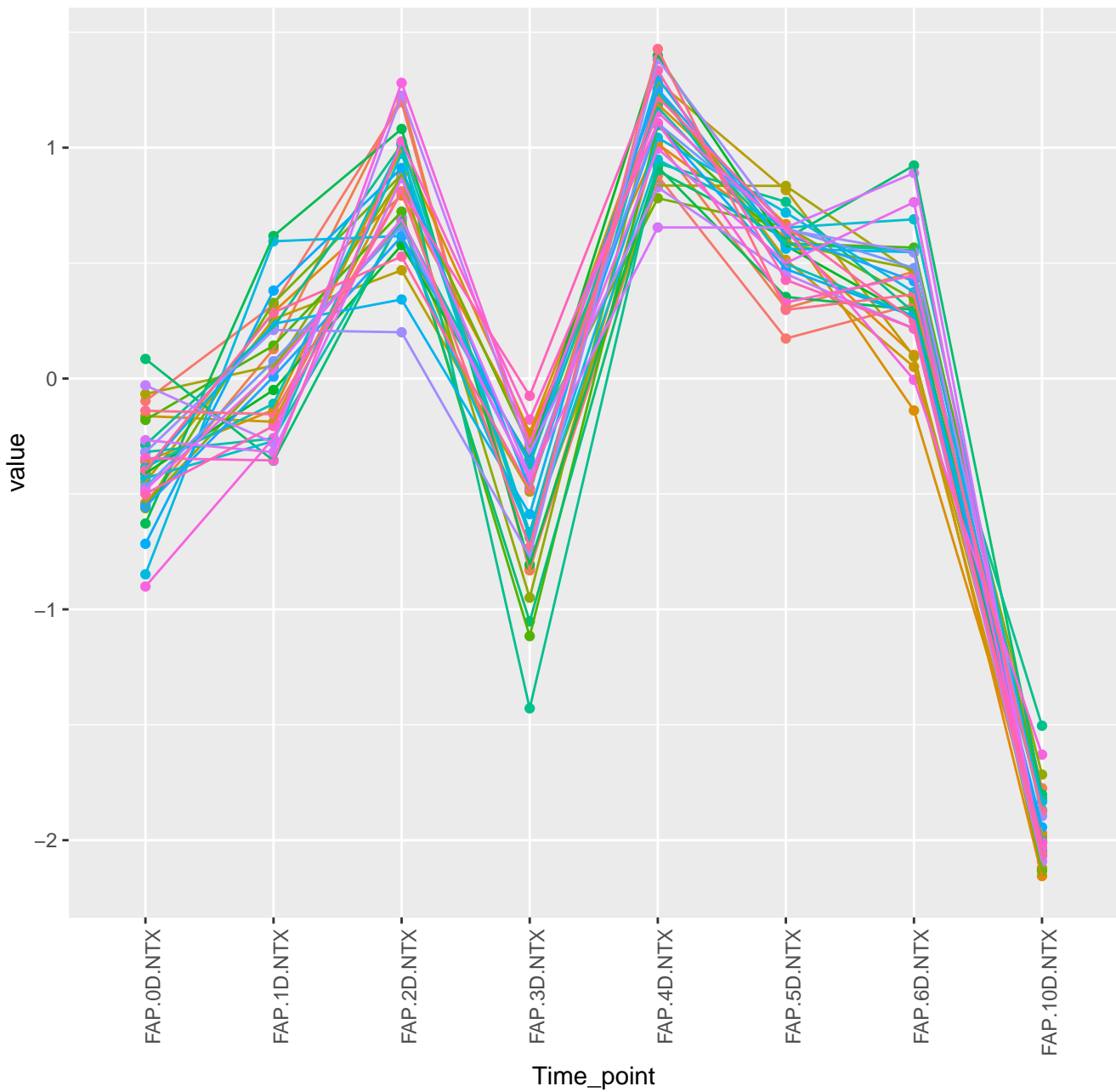
58 genes – cluster 214



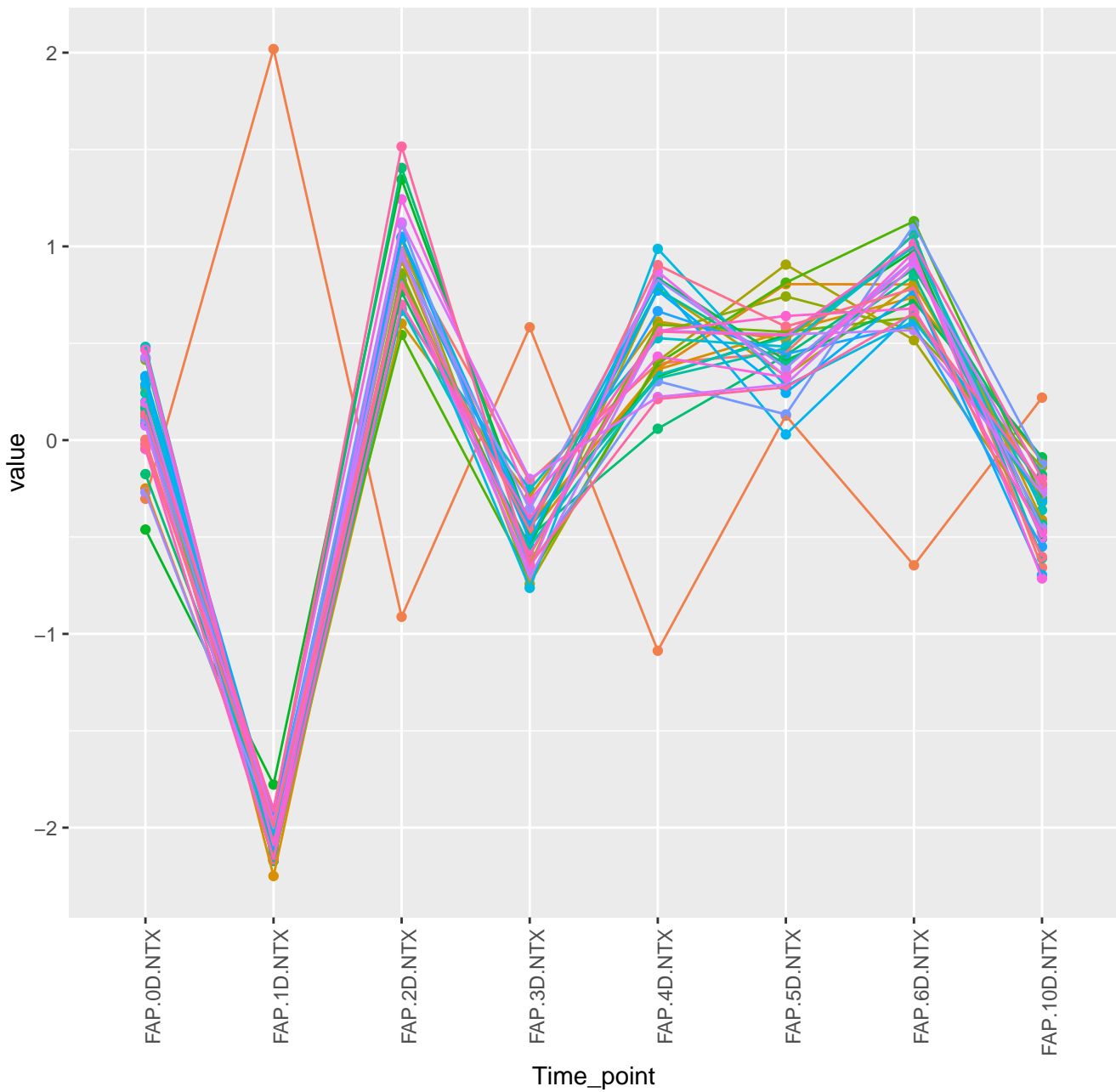
23 genes – cluster 215



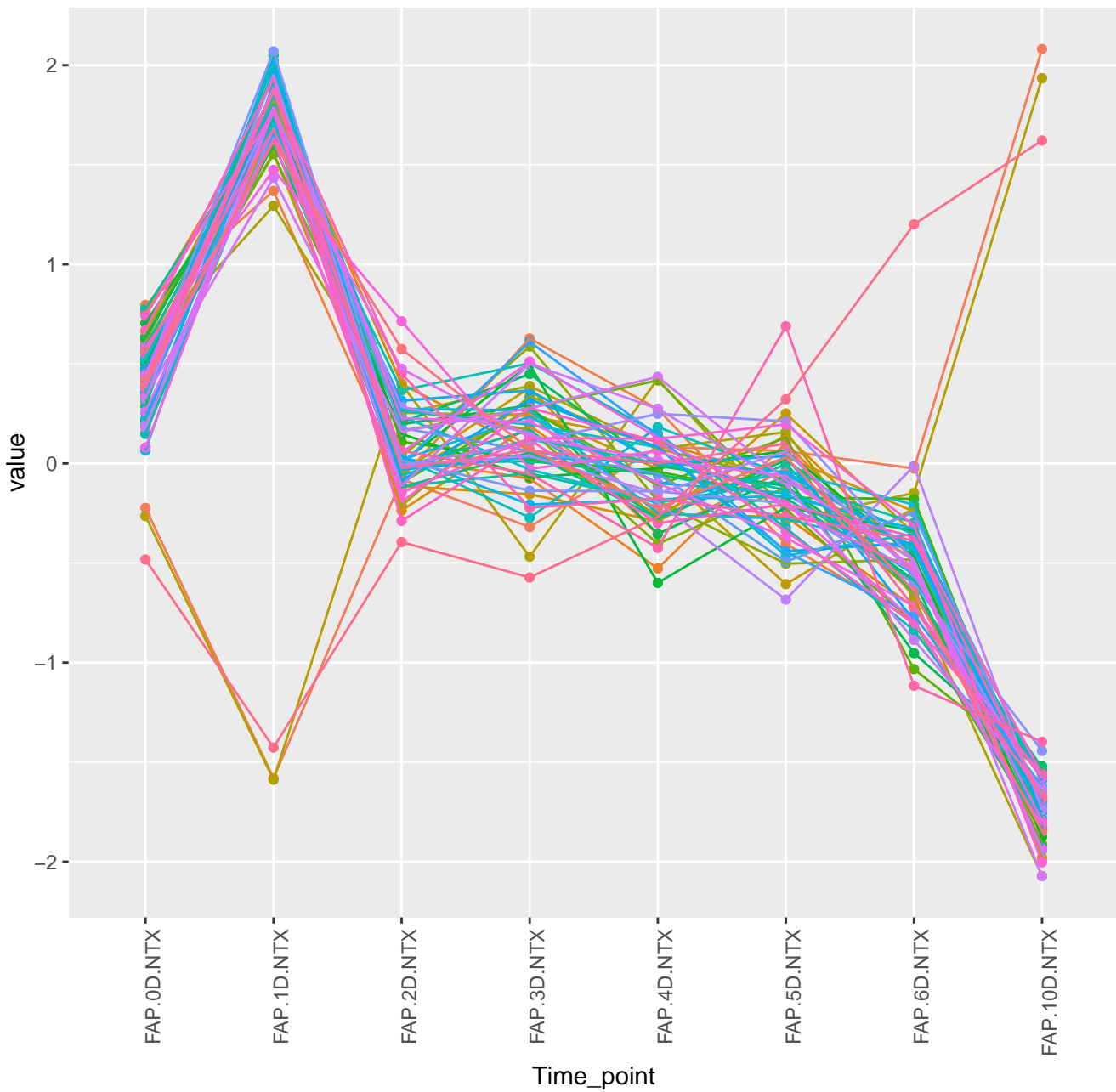
31 genes – cluster 216



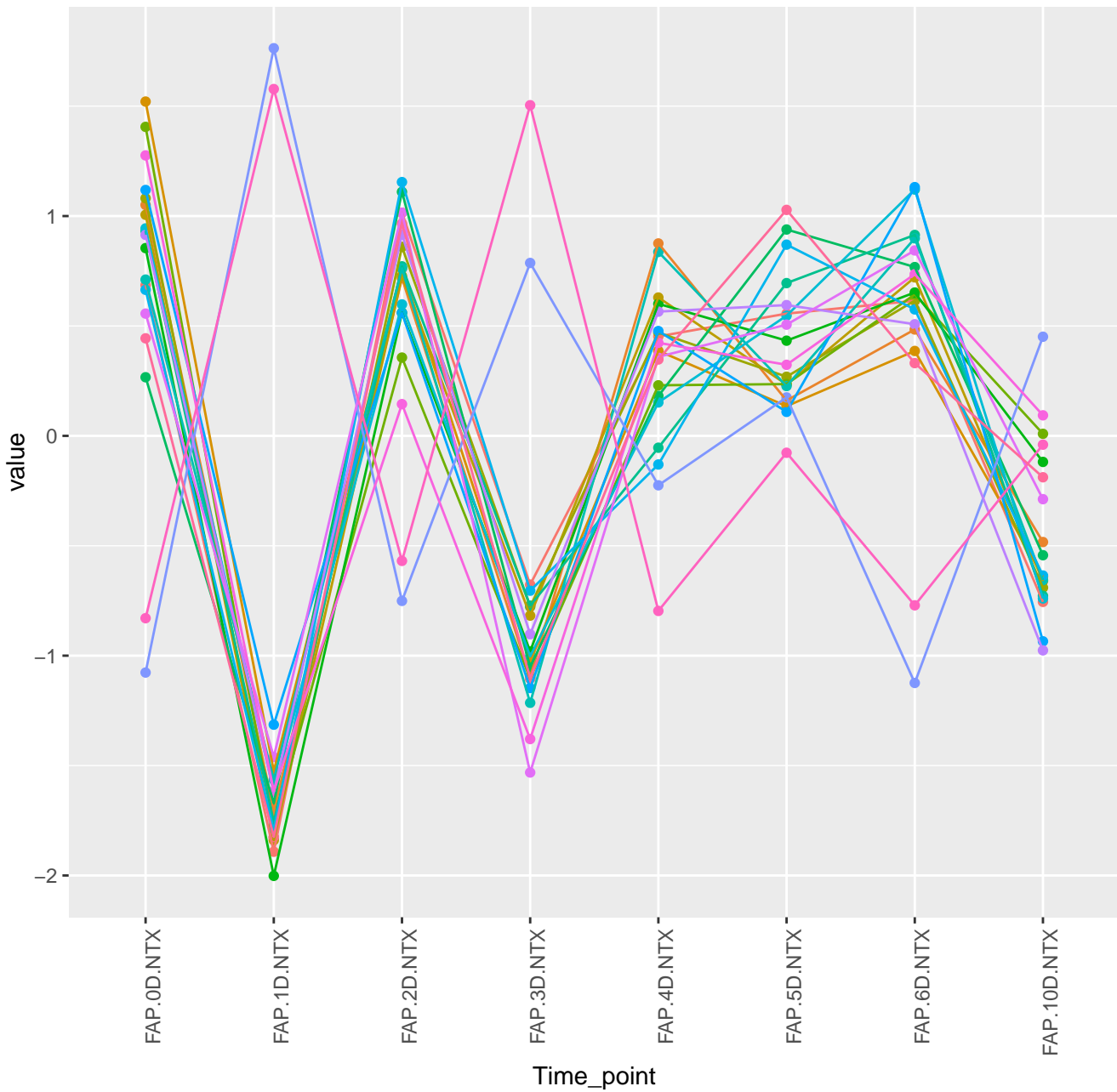
31 genes – cluster 217



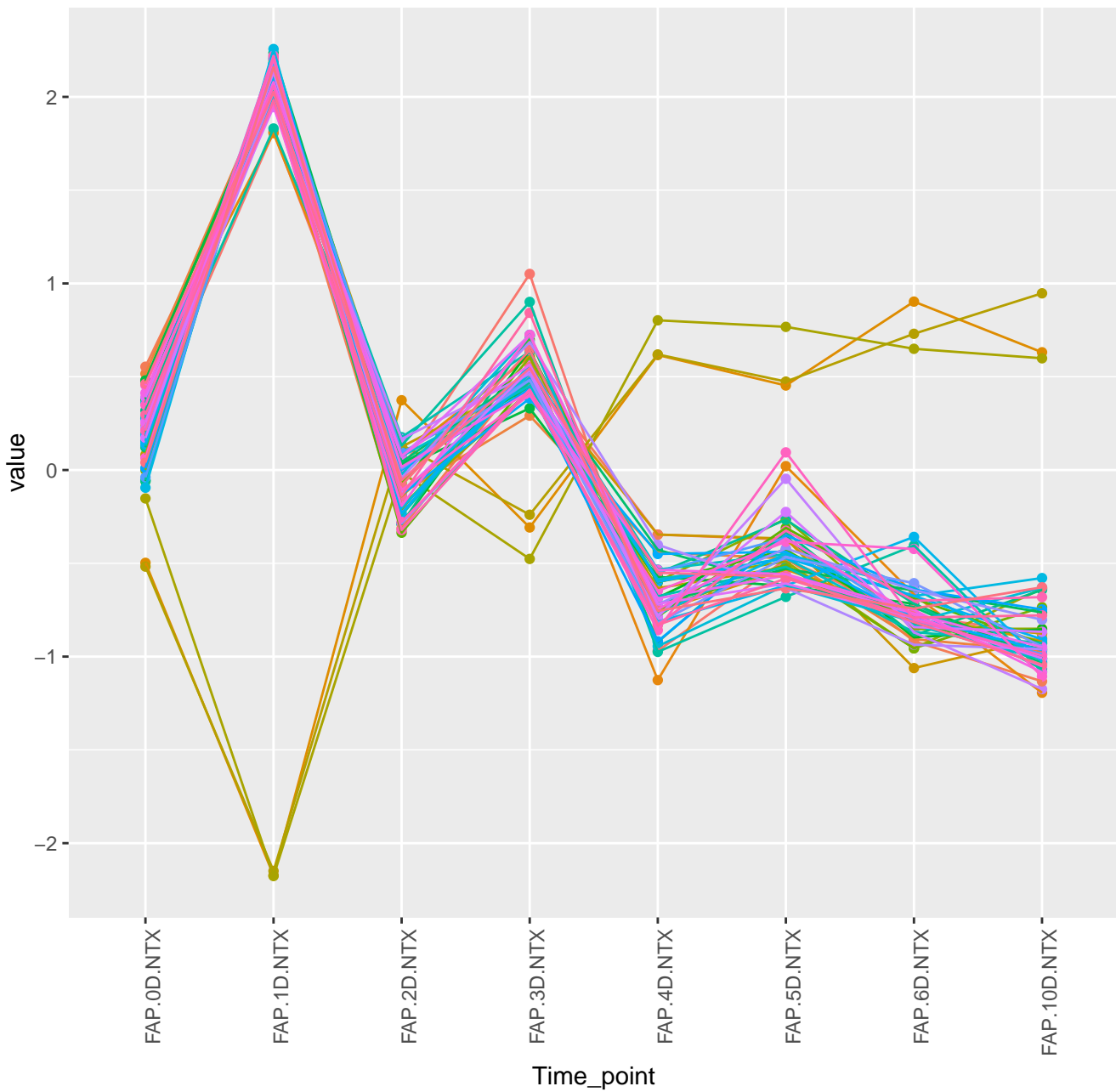
57 genes – cluster 218



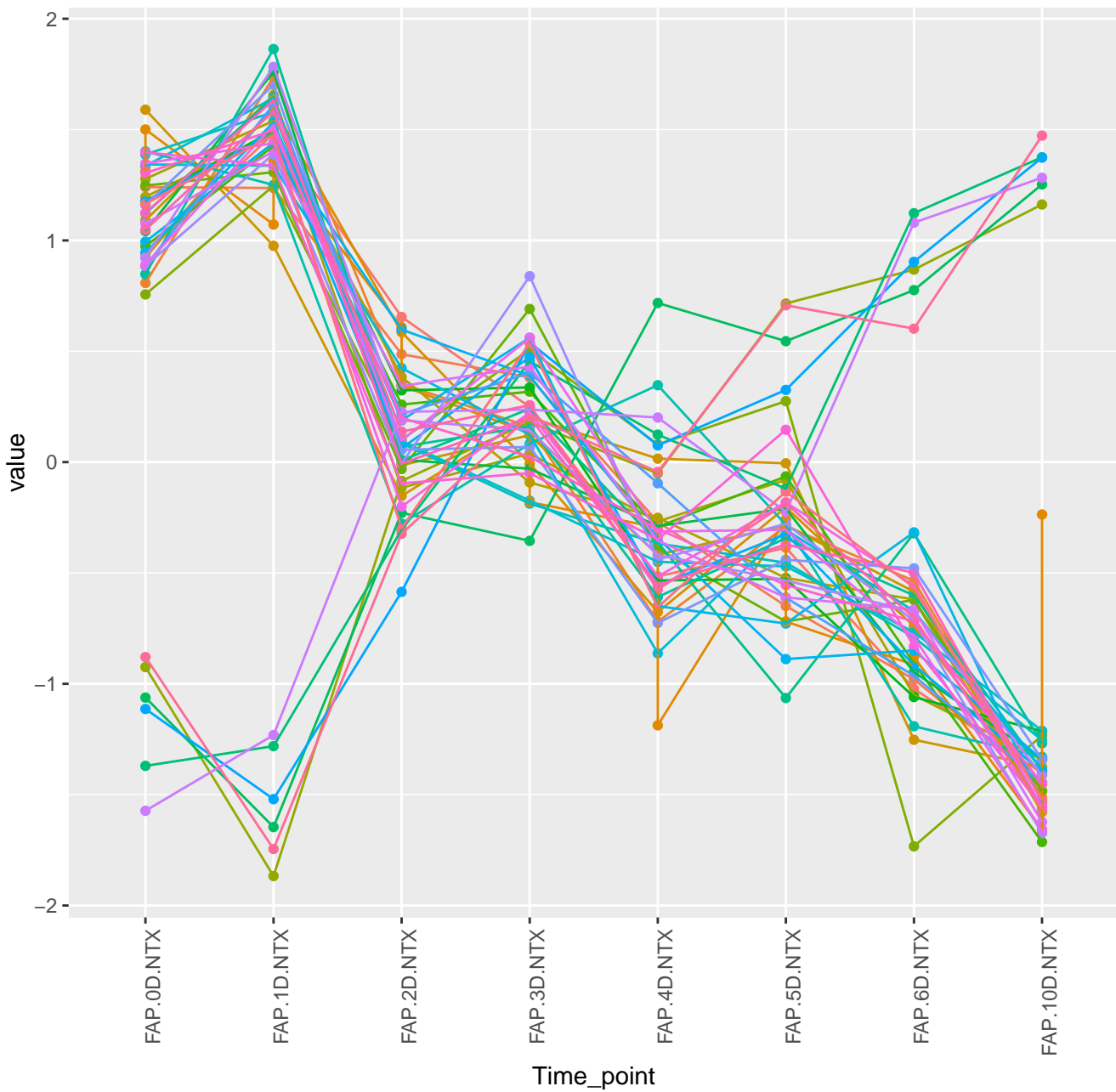
19 genes – cluster 219



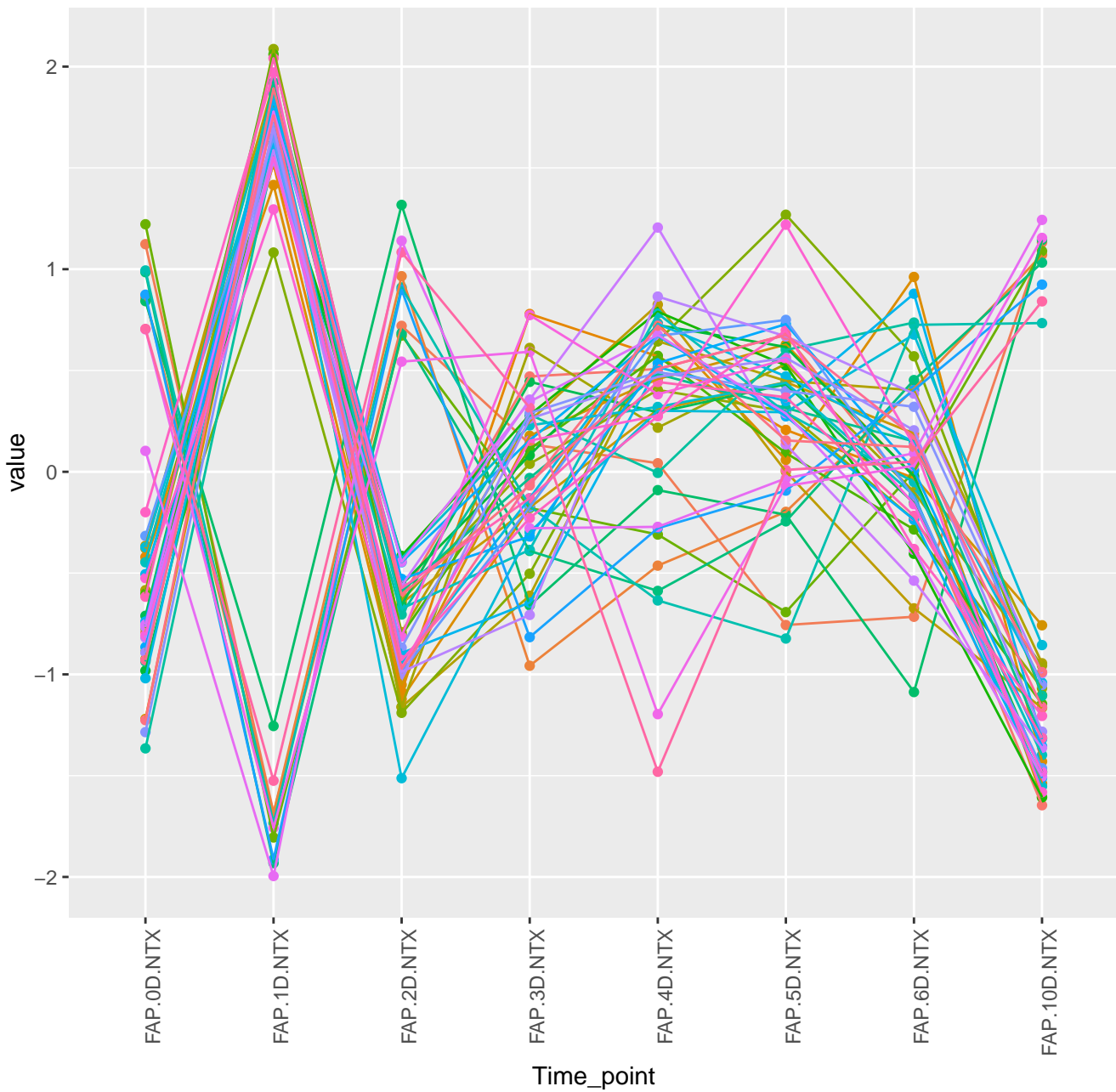
47 genes – cluster 220



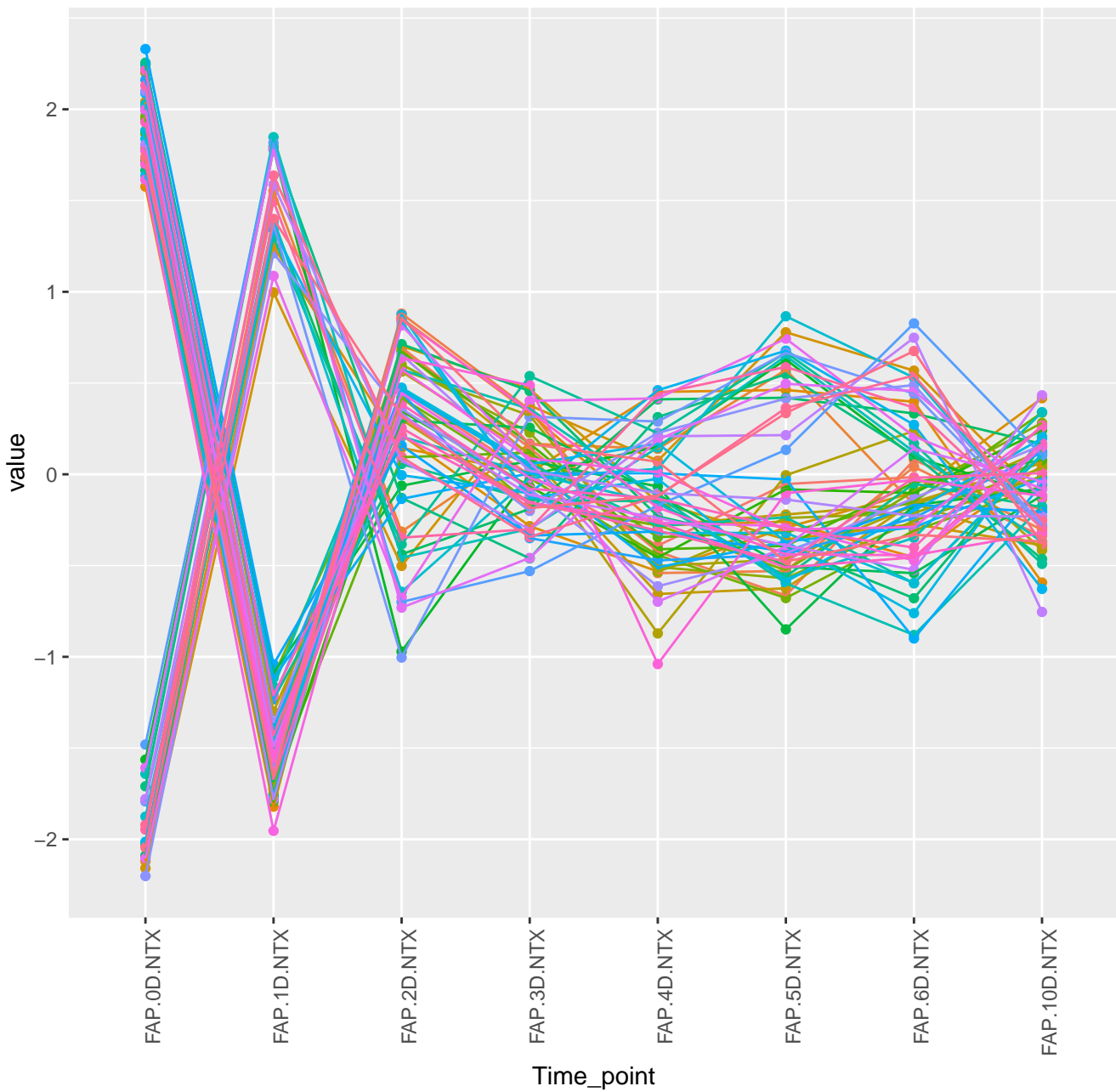
42 genes – cluster 221



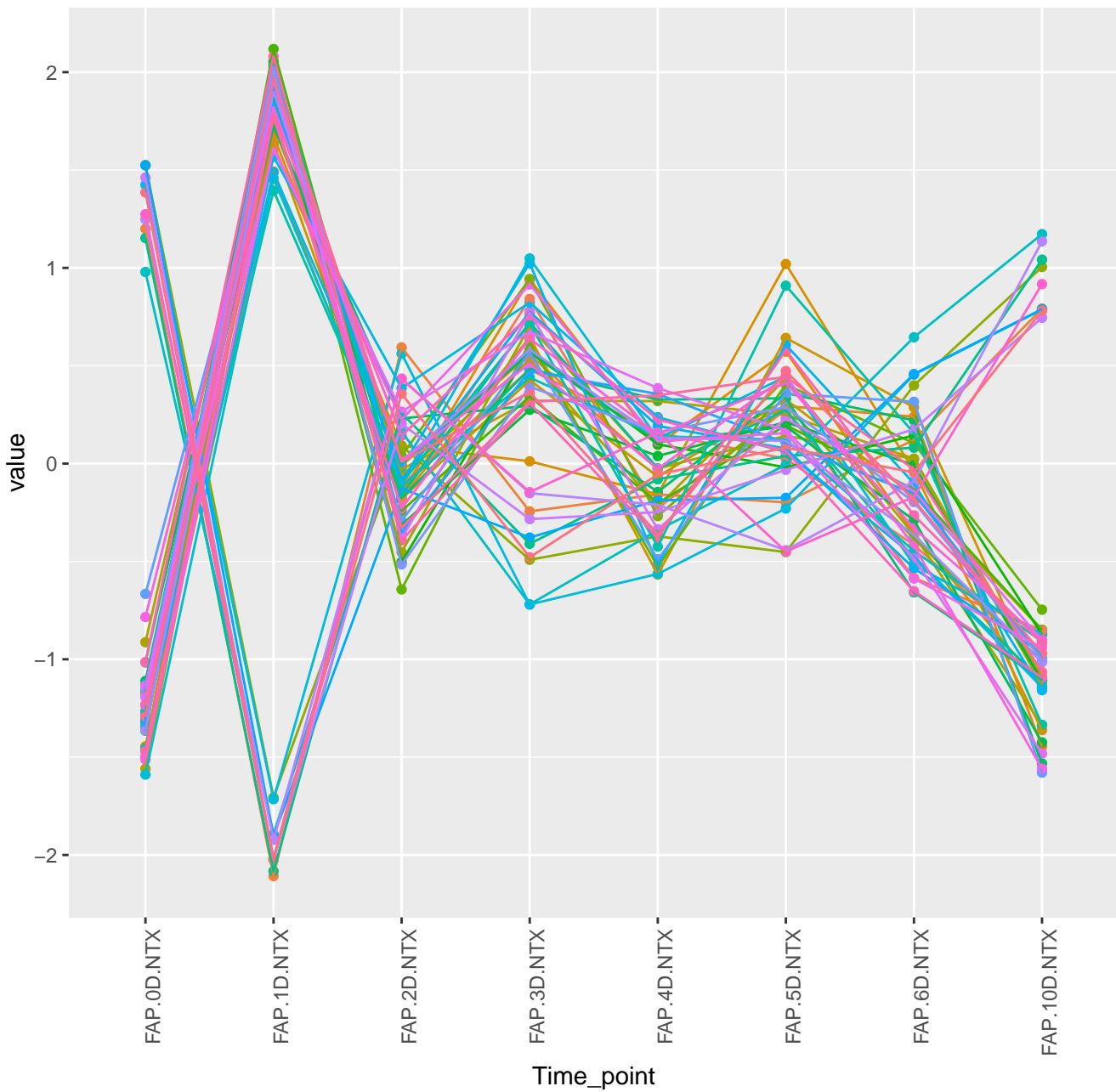
45 genes – cluster 222



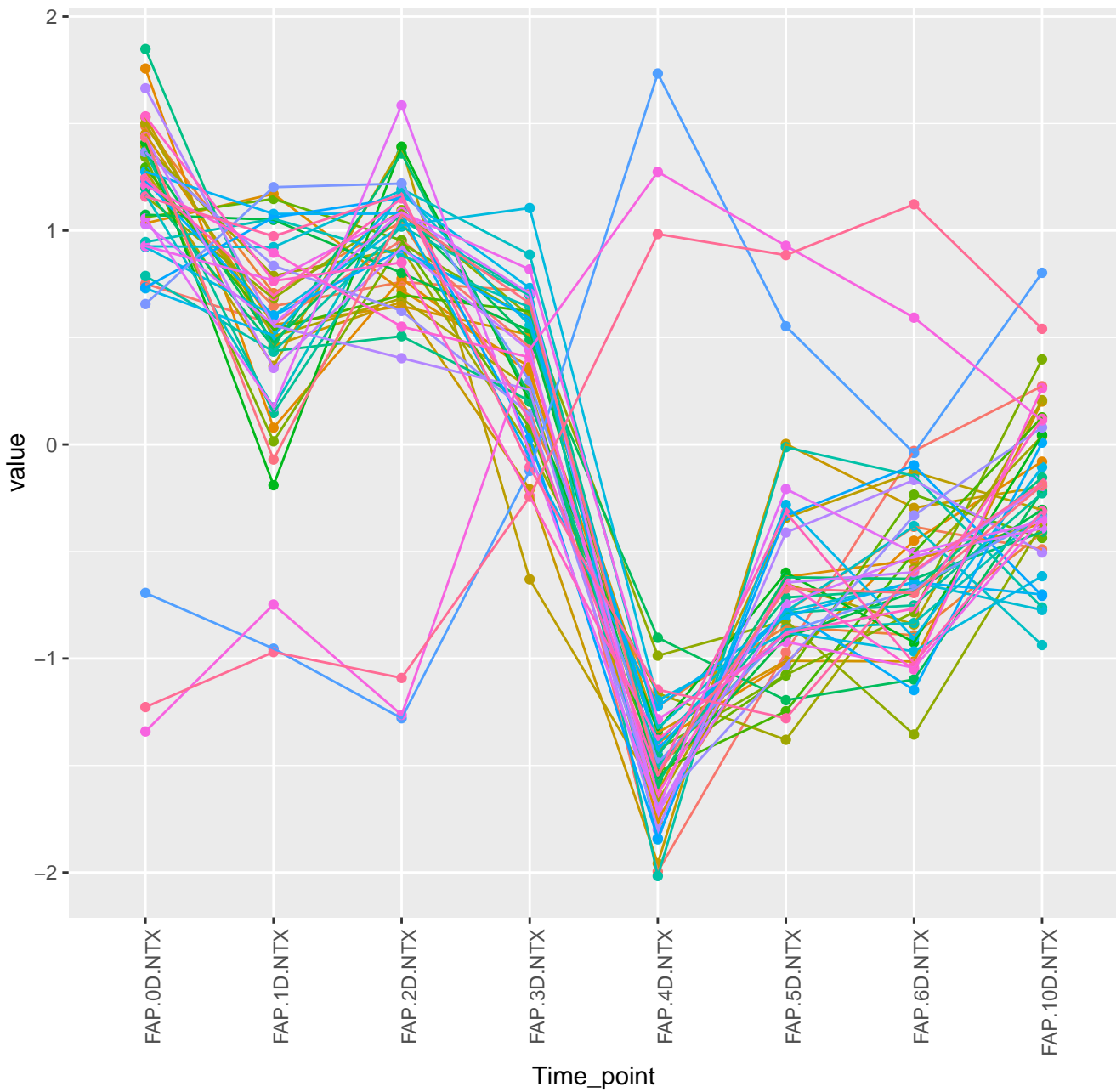
62 genes – cluster 223



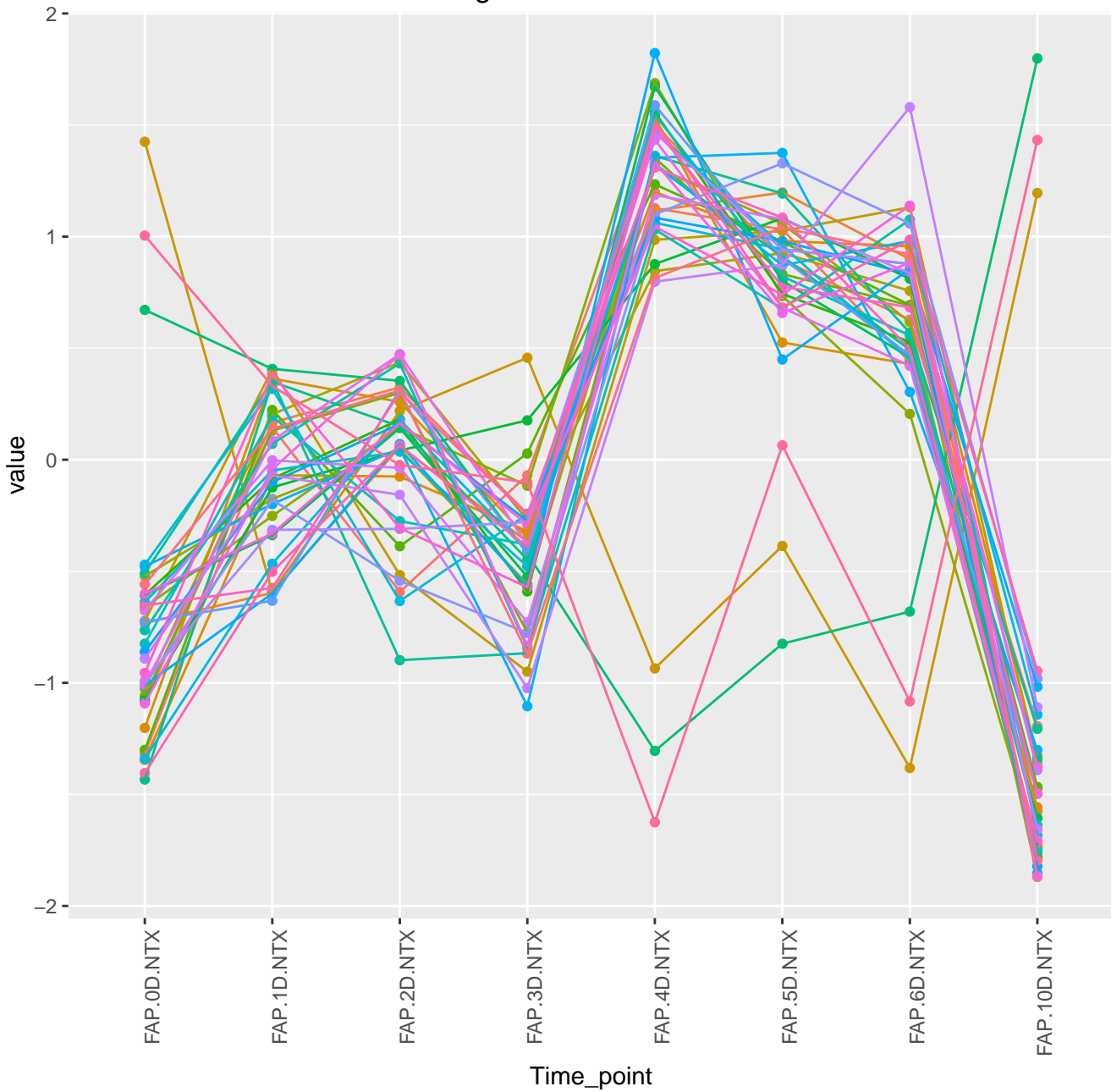
48 genes – cluster 224



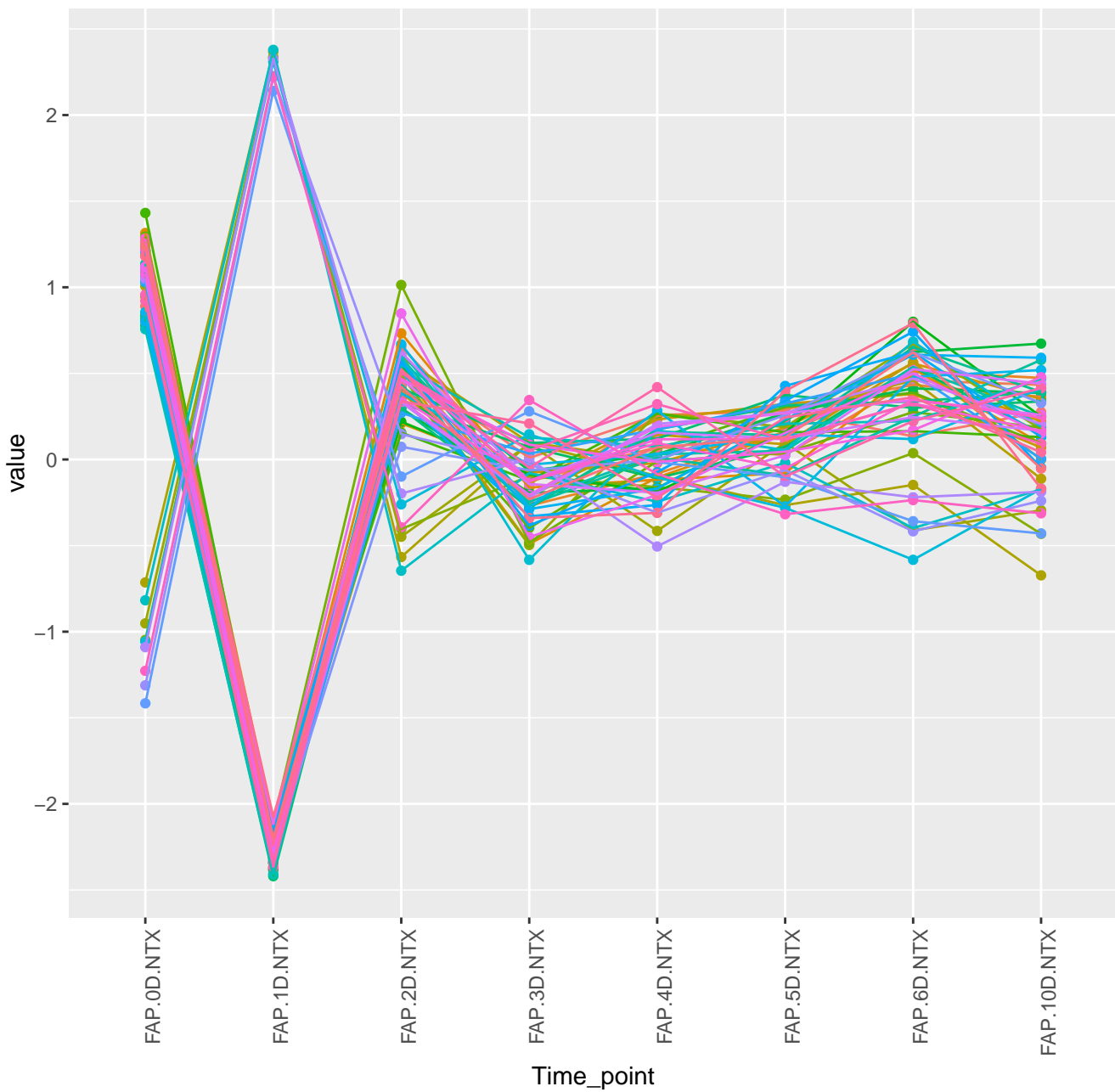
44 genes – cluster 225



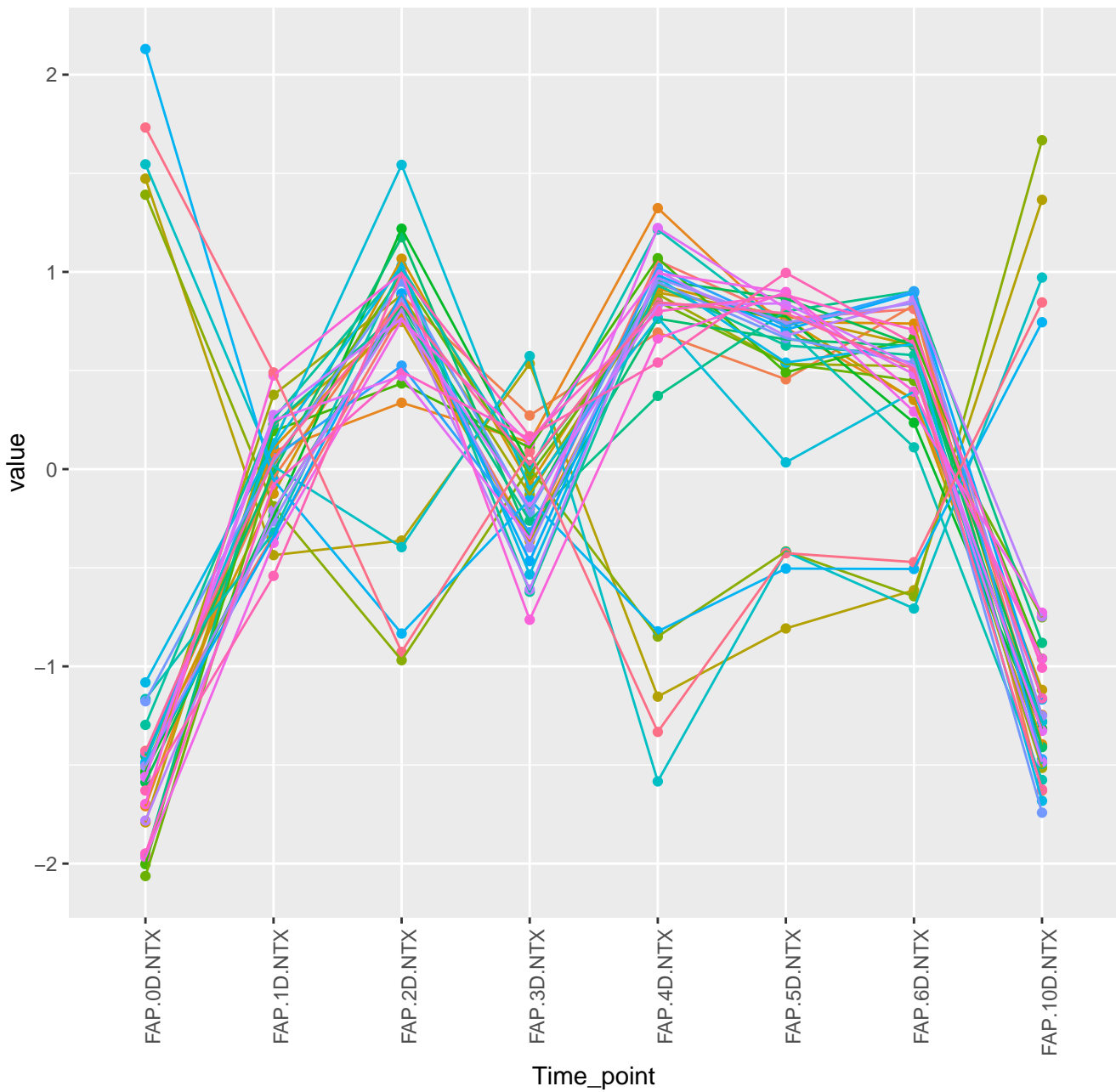
39 genes – cluster 226



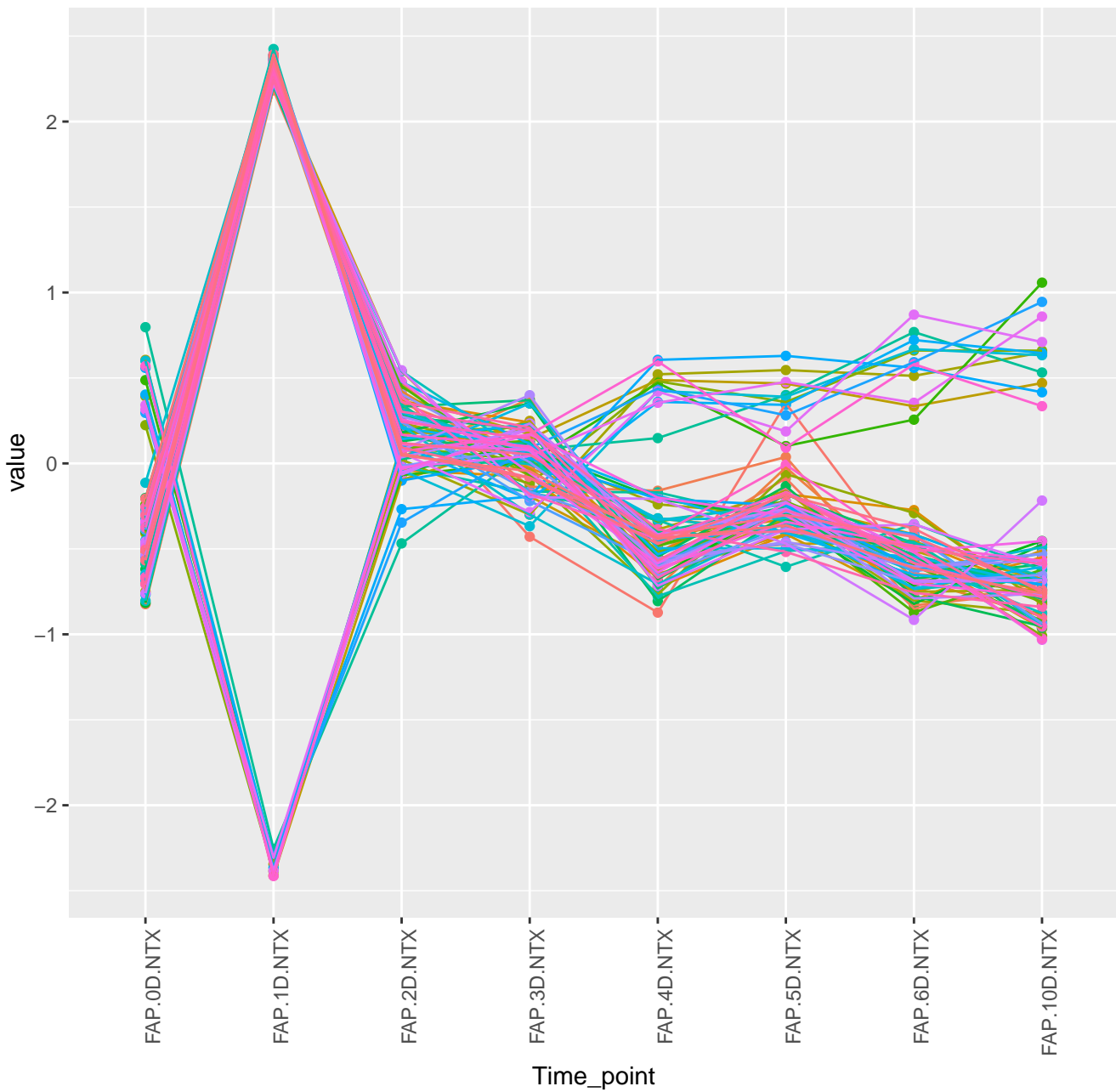
54 genes – cluster 227



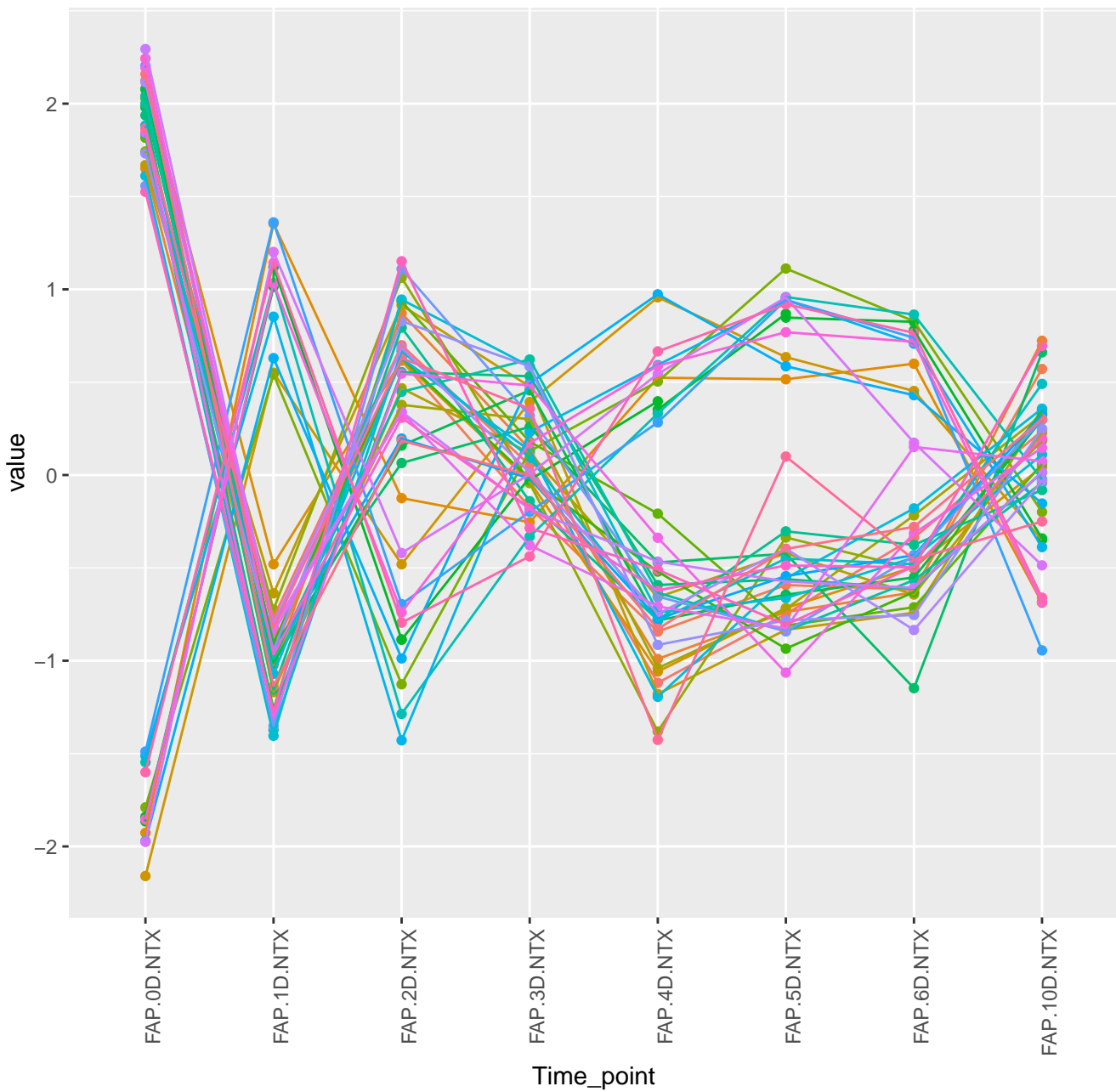
34 genes – cluster 228



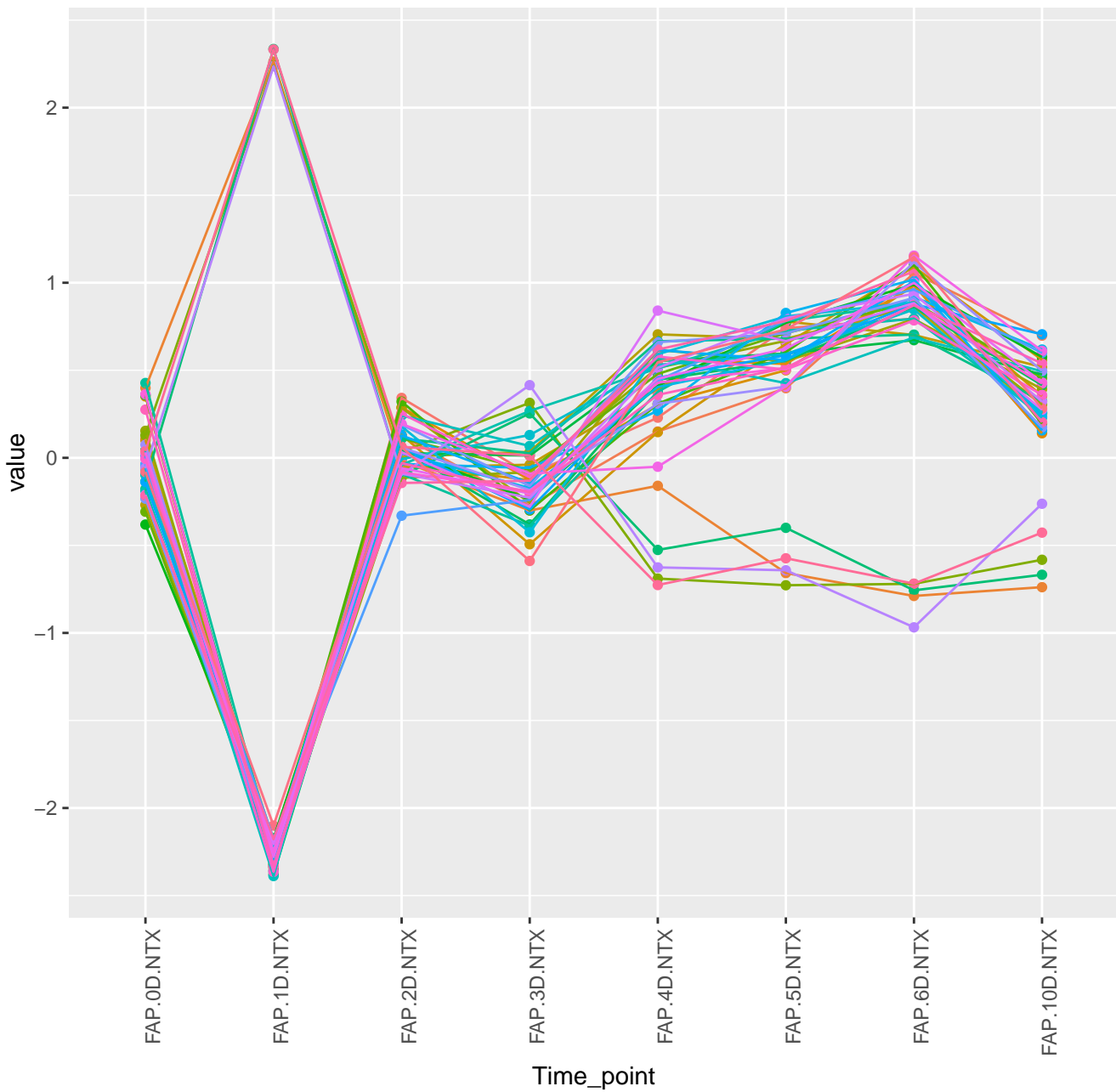
76 genes – cluster 229



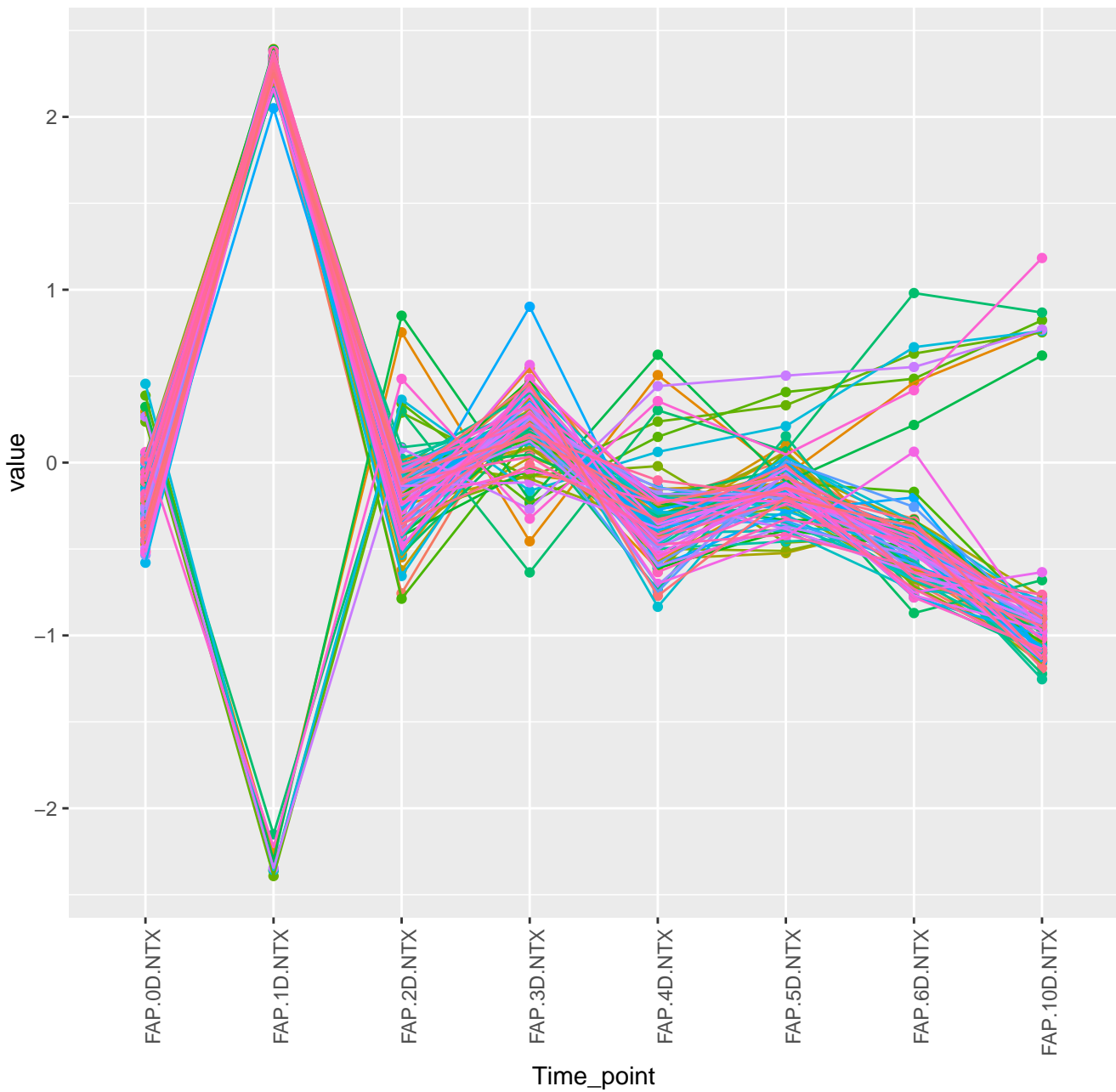
41 genes – cluster 230



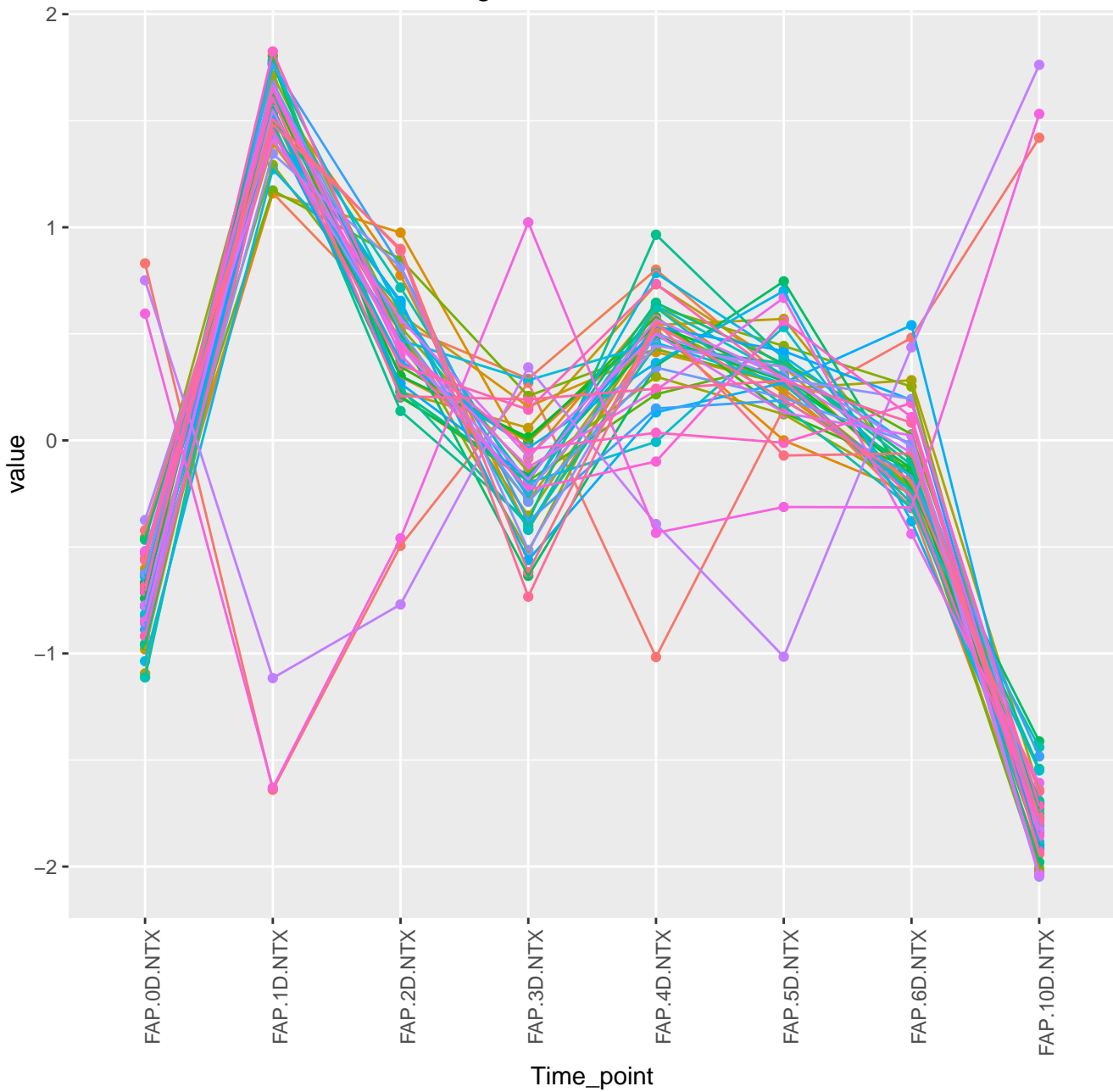
41 genes – cluster 231



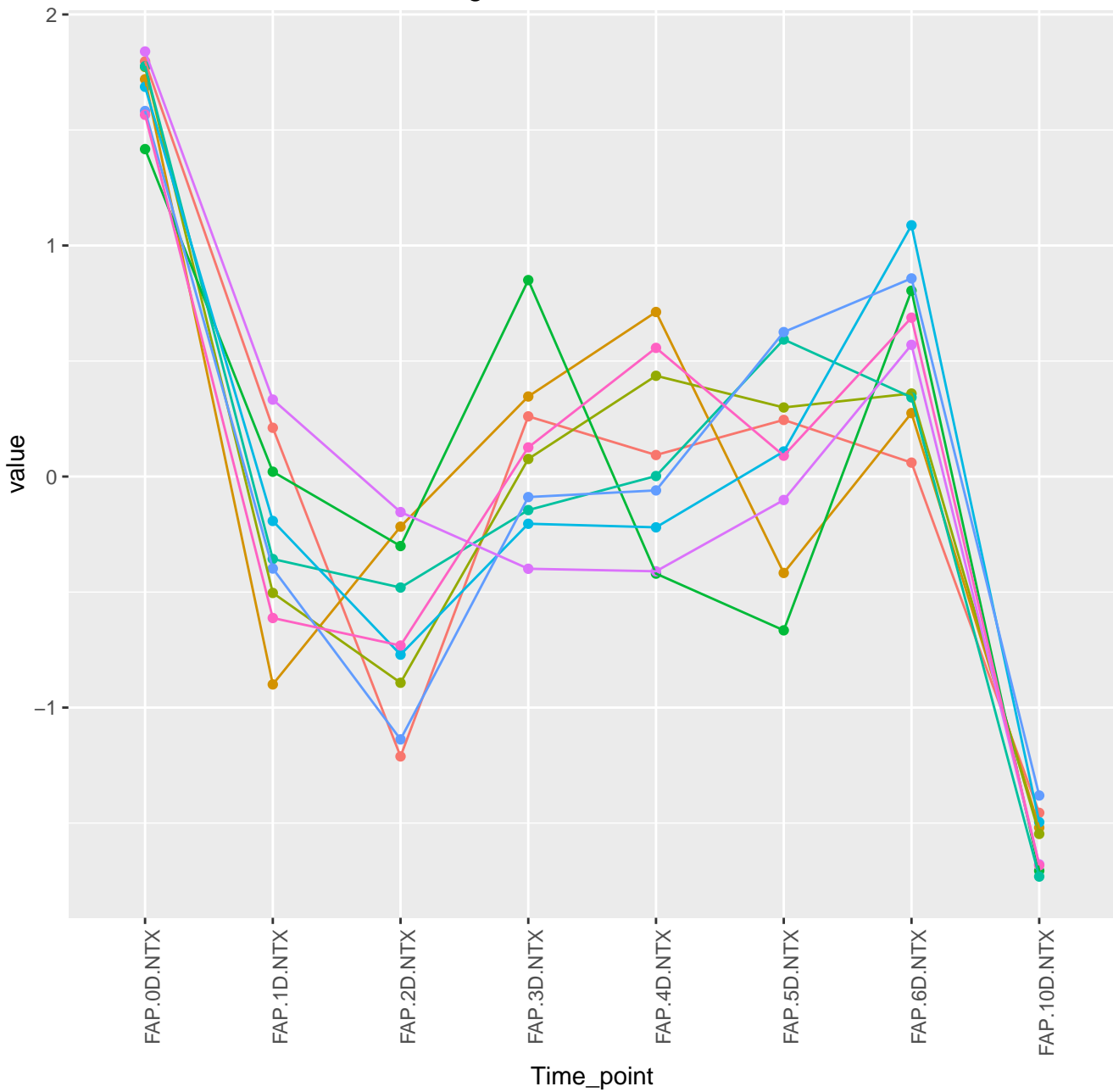
89 genes – cluster 232



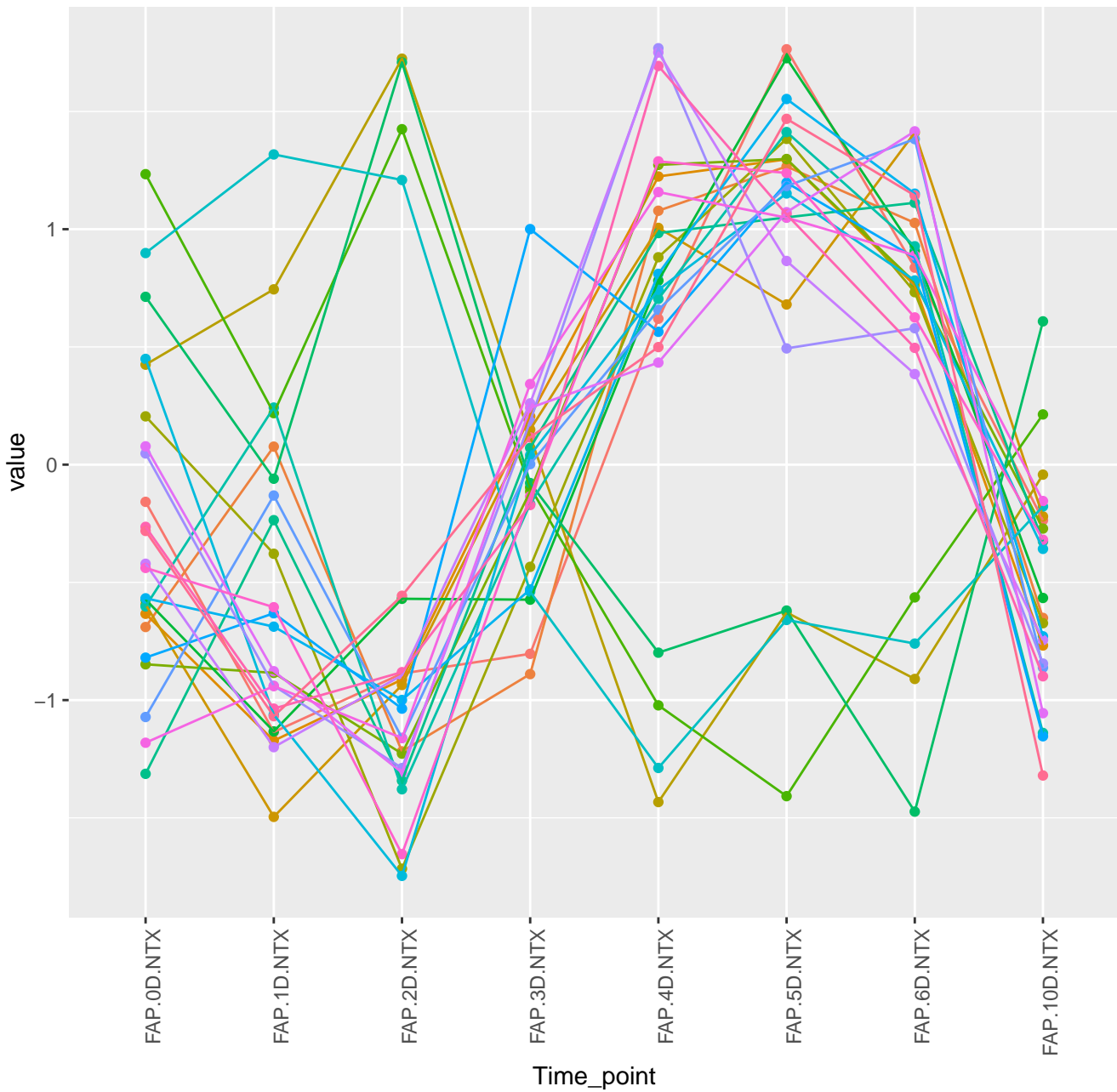
43 genes – cluster 233



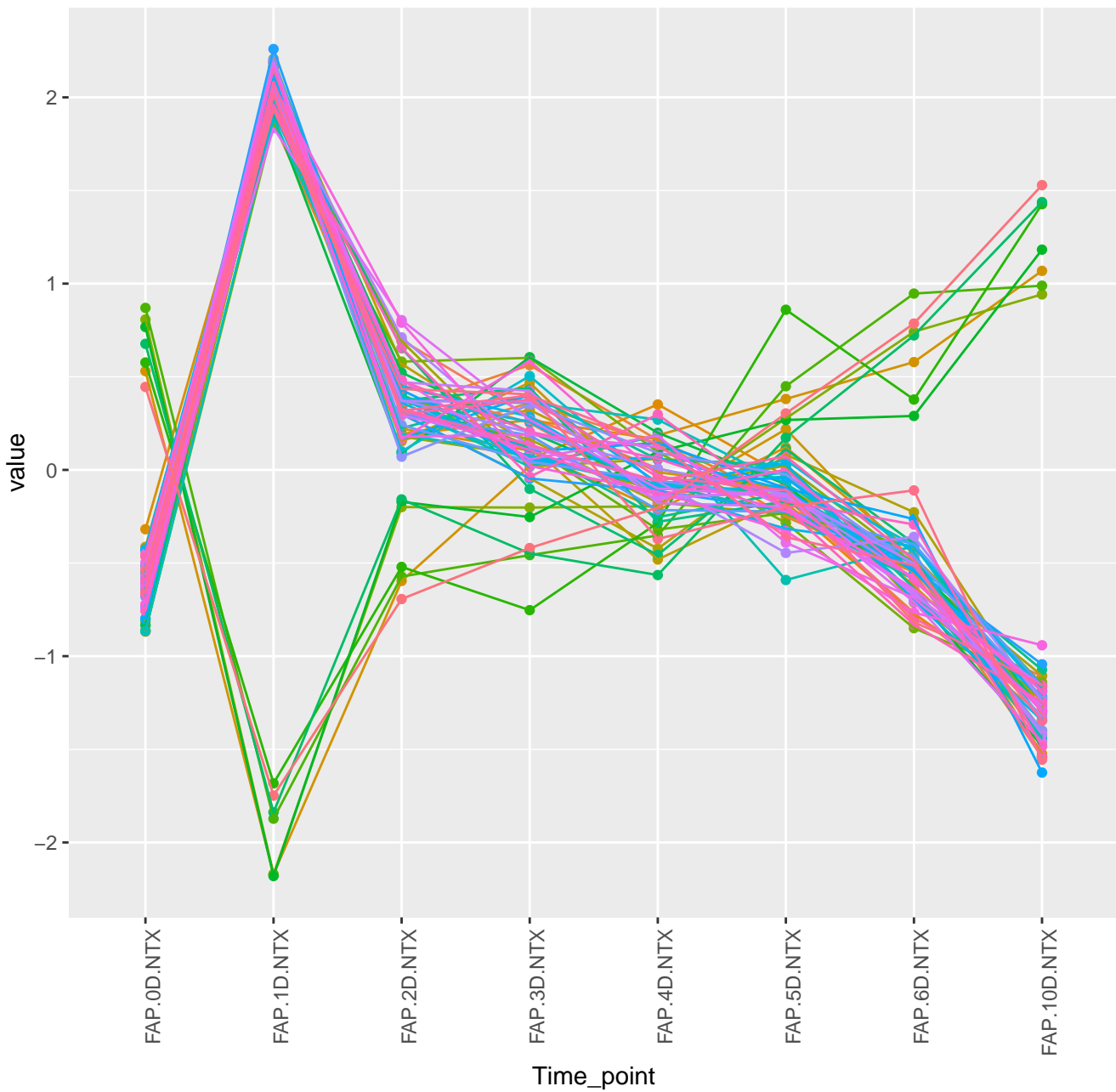
9 genes – cluster 234



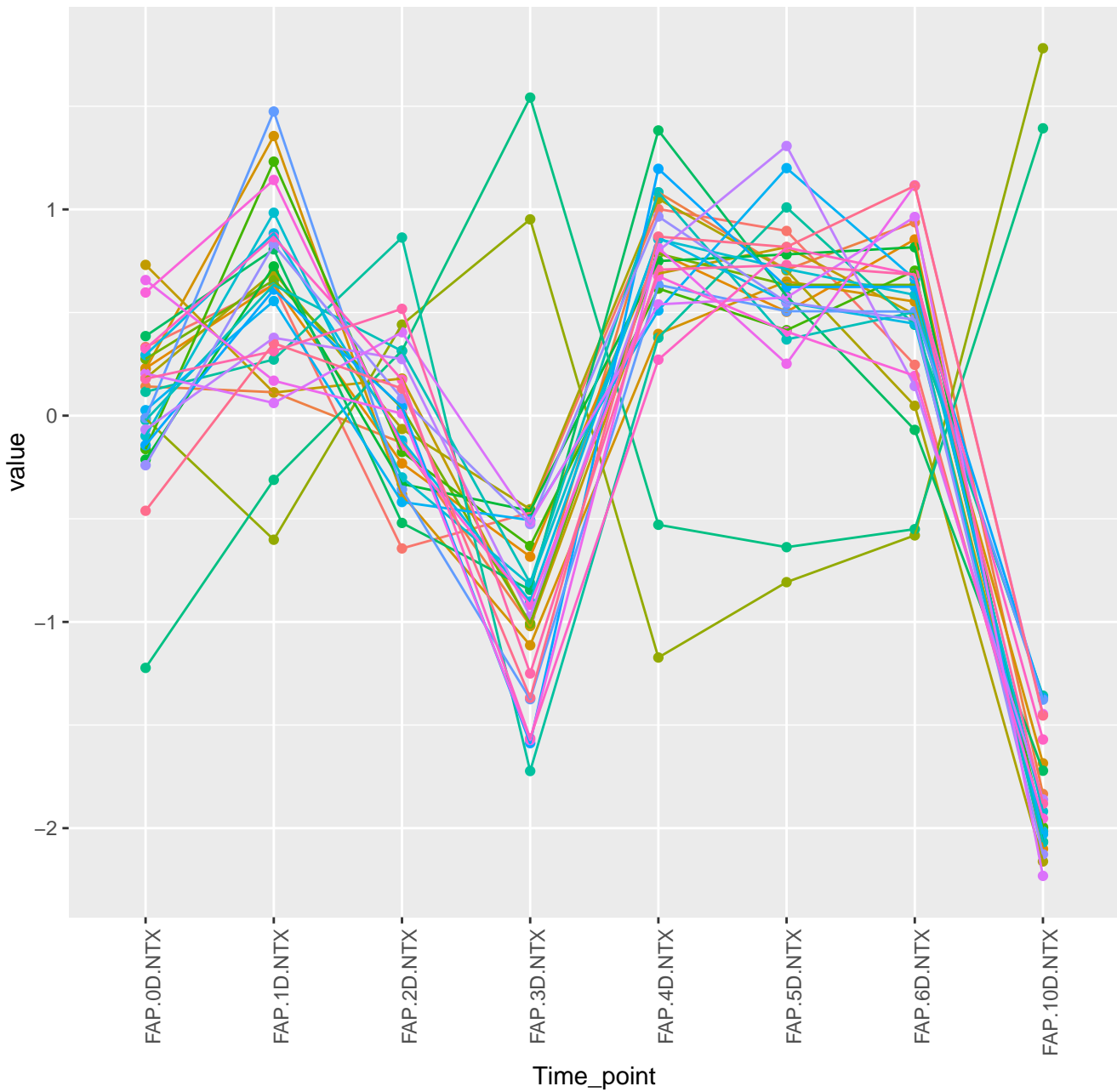
24 genes – cluster 235



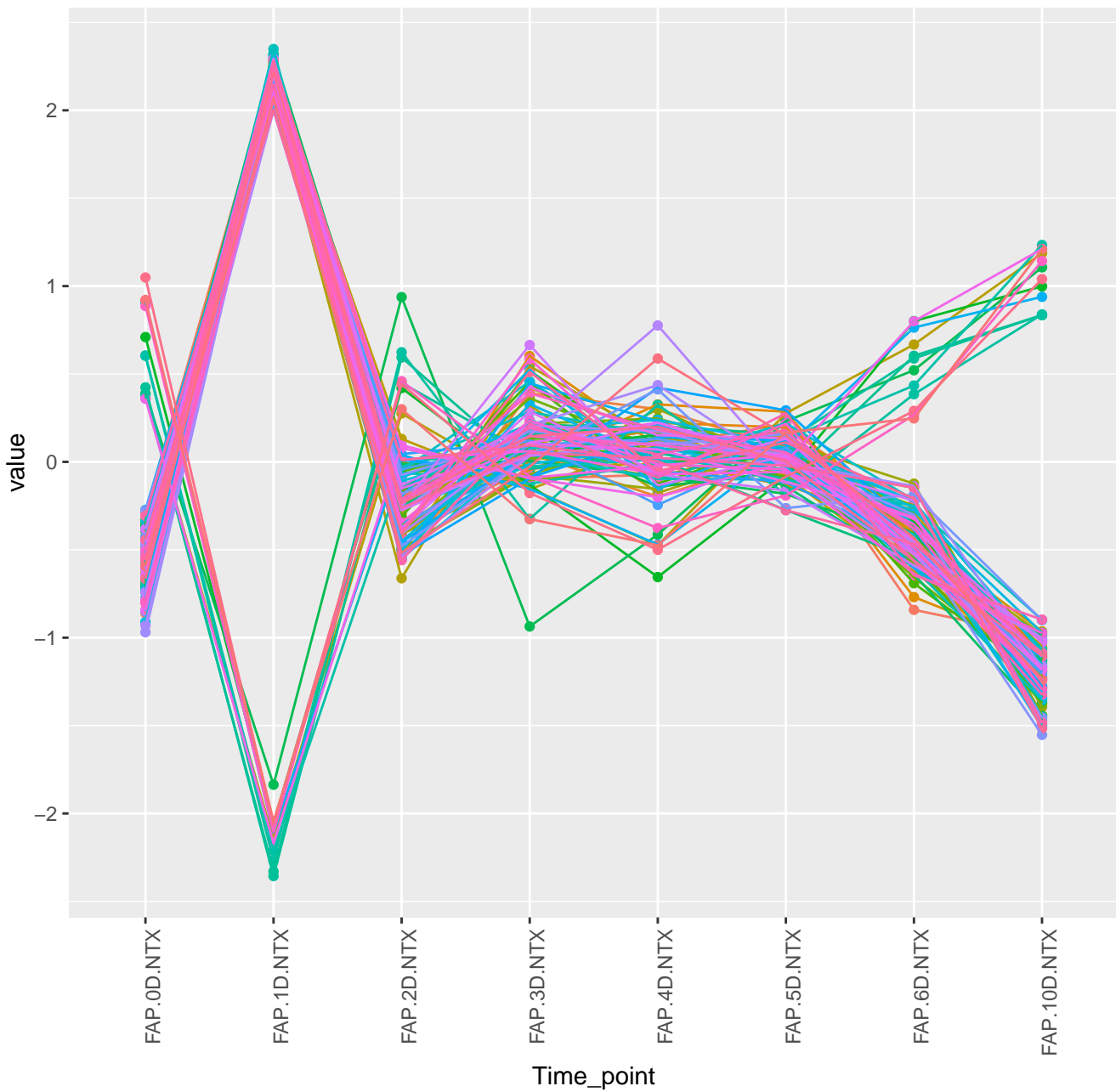
62 genes – cluster 236



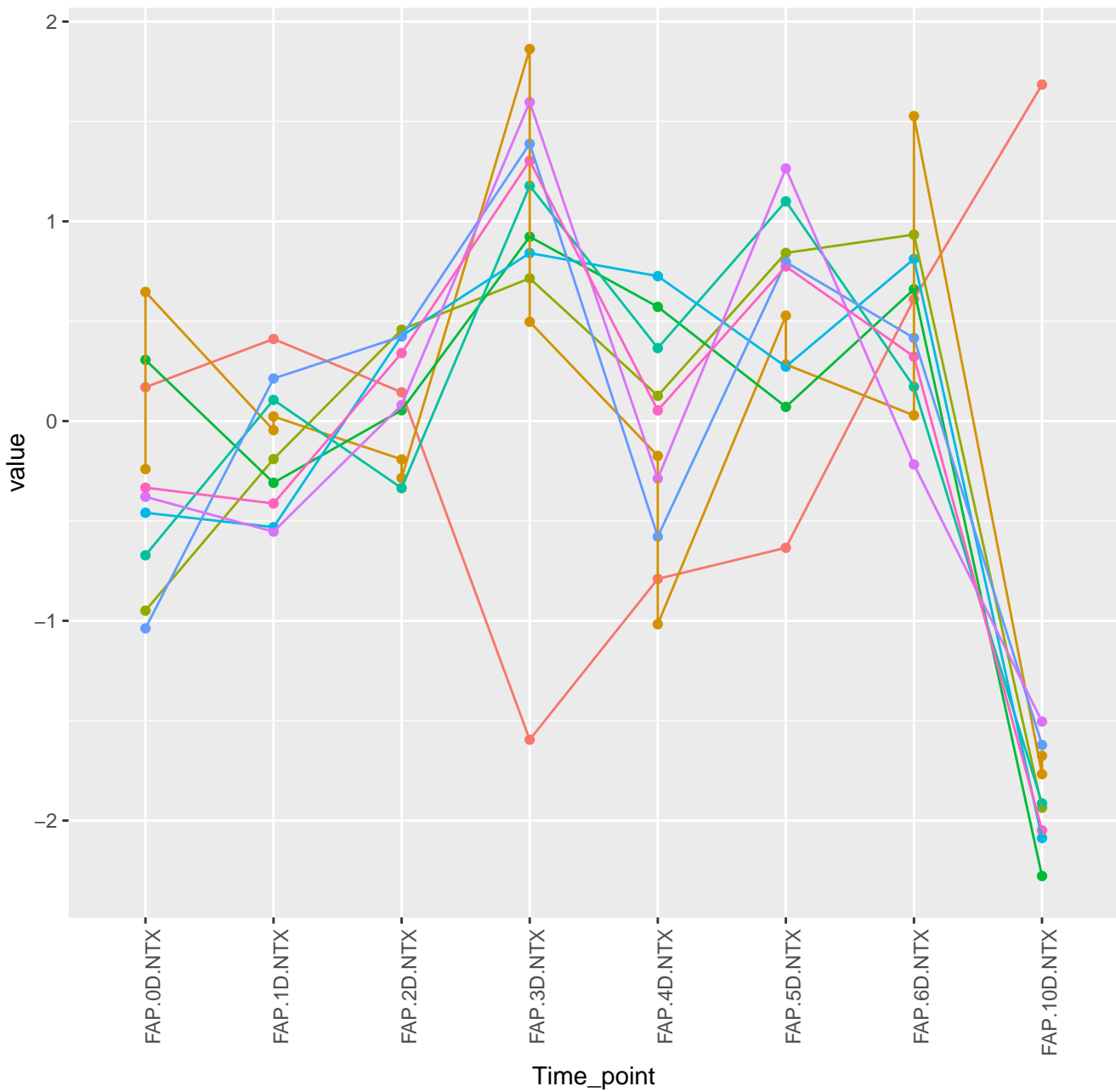
27 genes – cluster 237



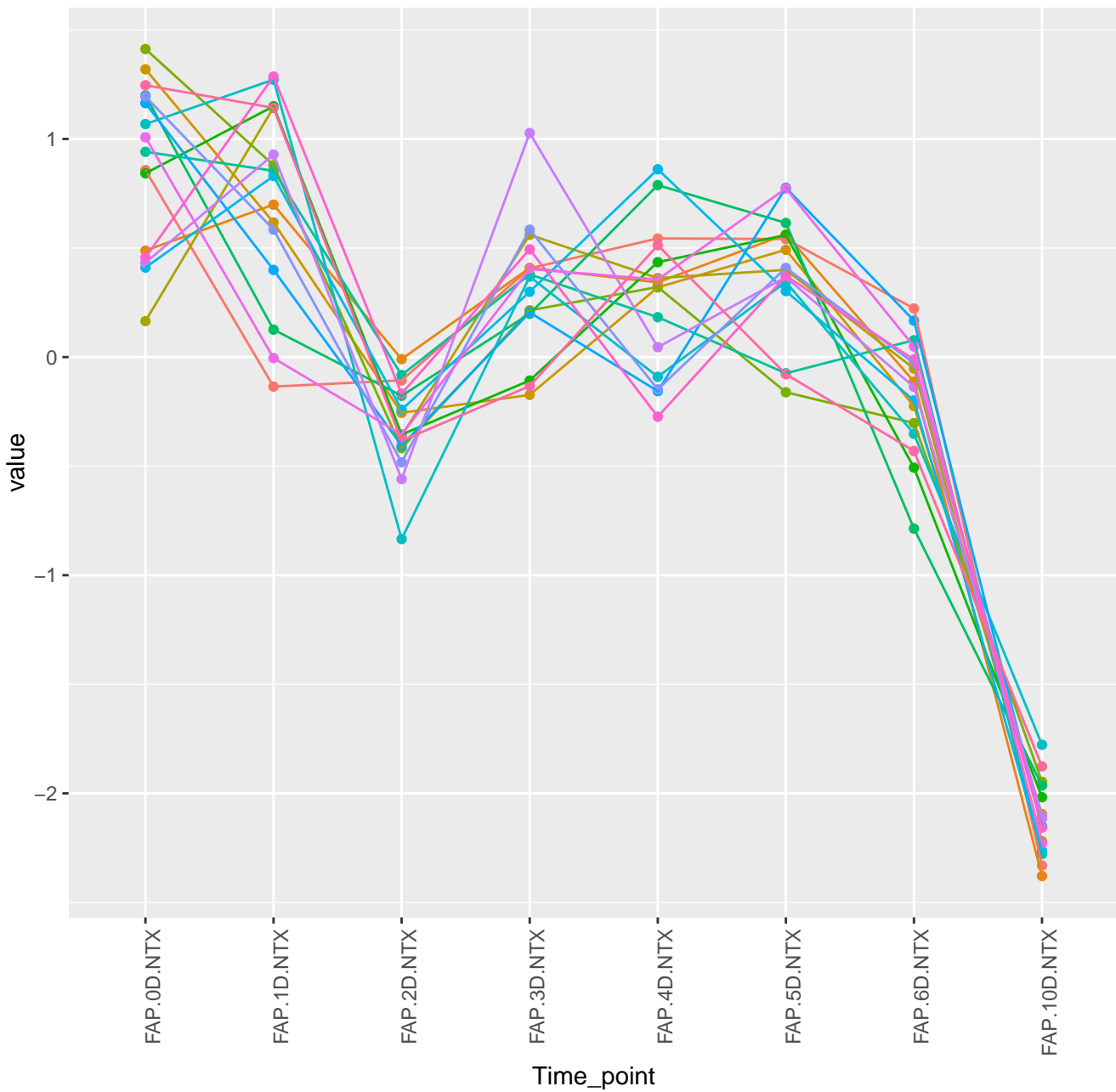
96 genes – cluster 238



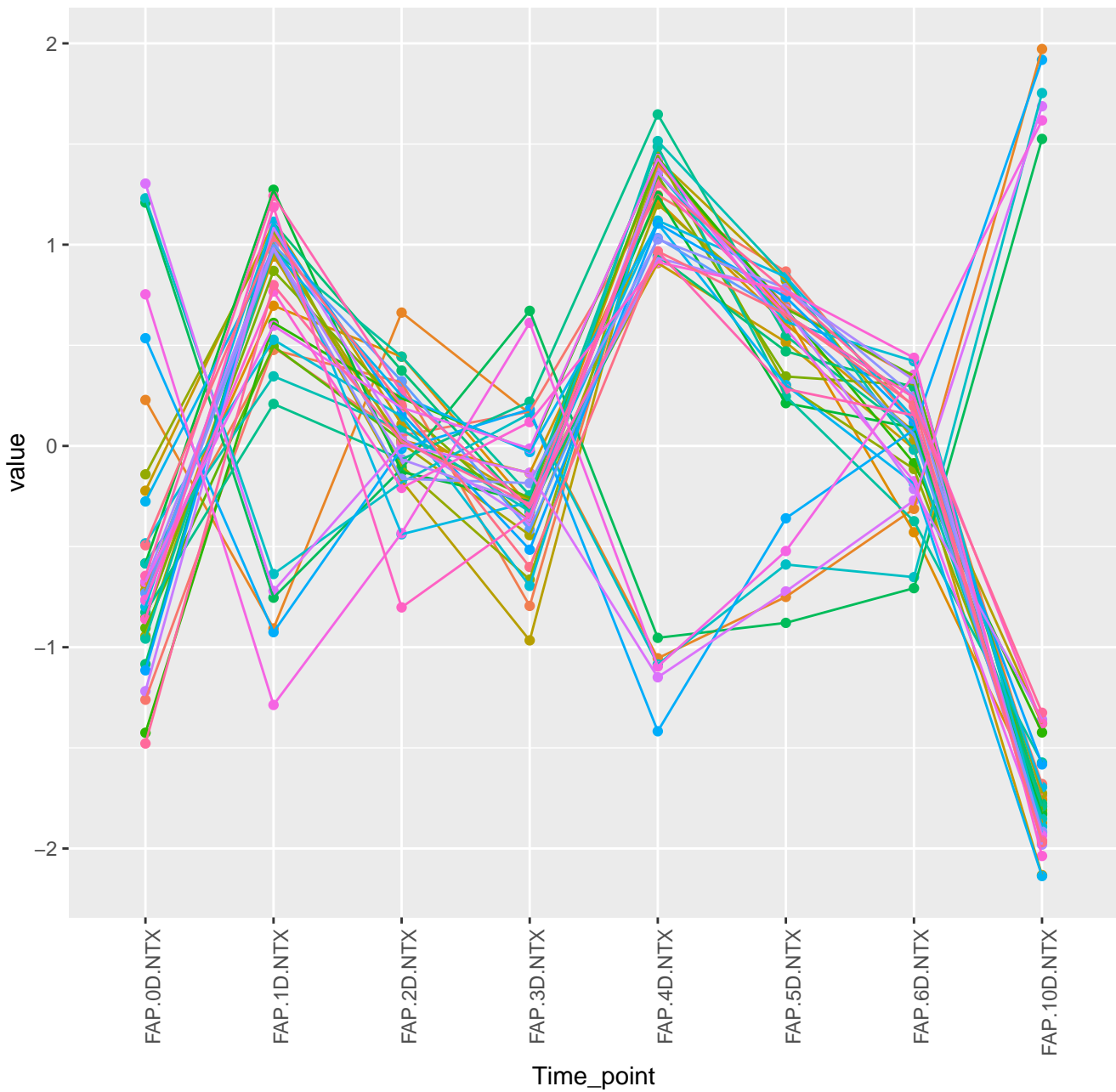
10 genes – cluster 239



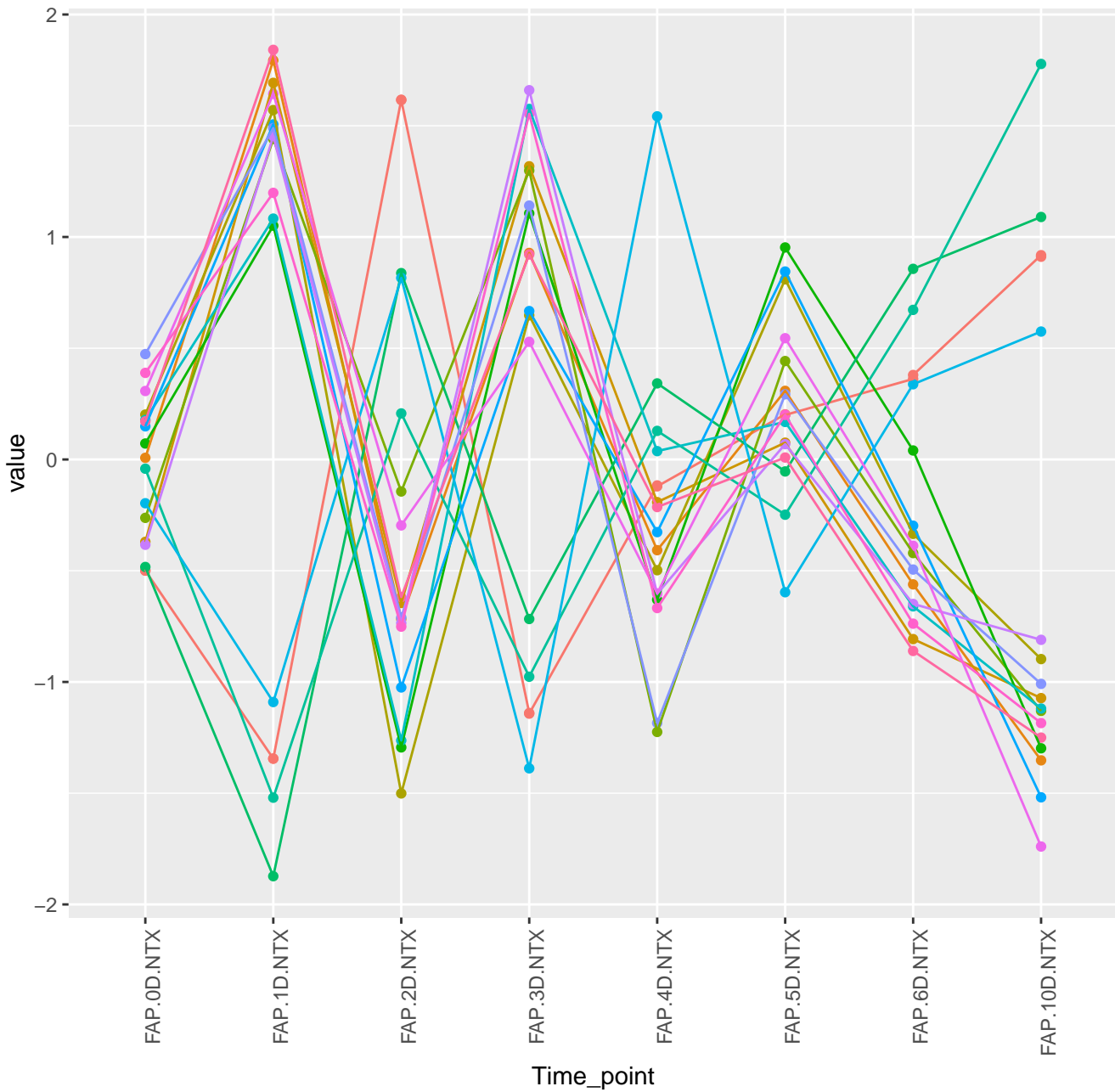
16 genes – cluster 240



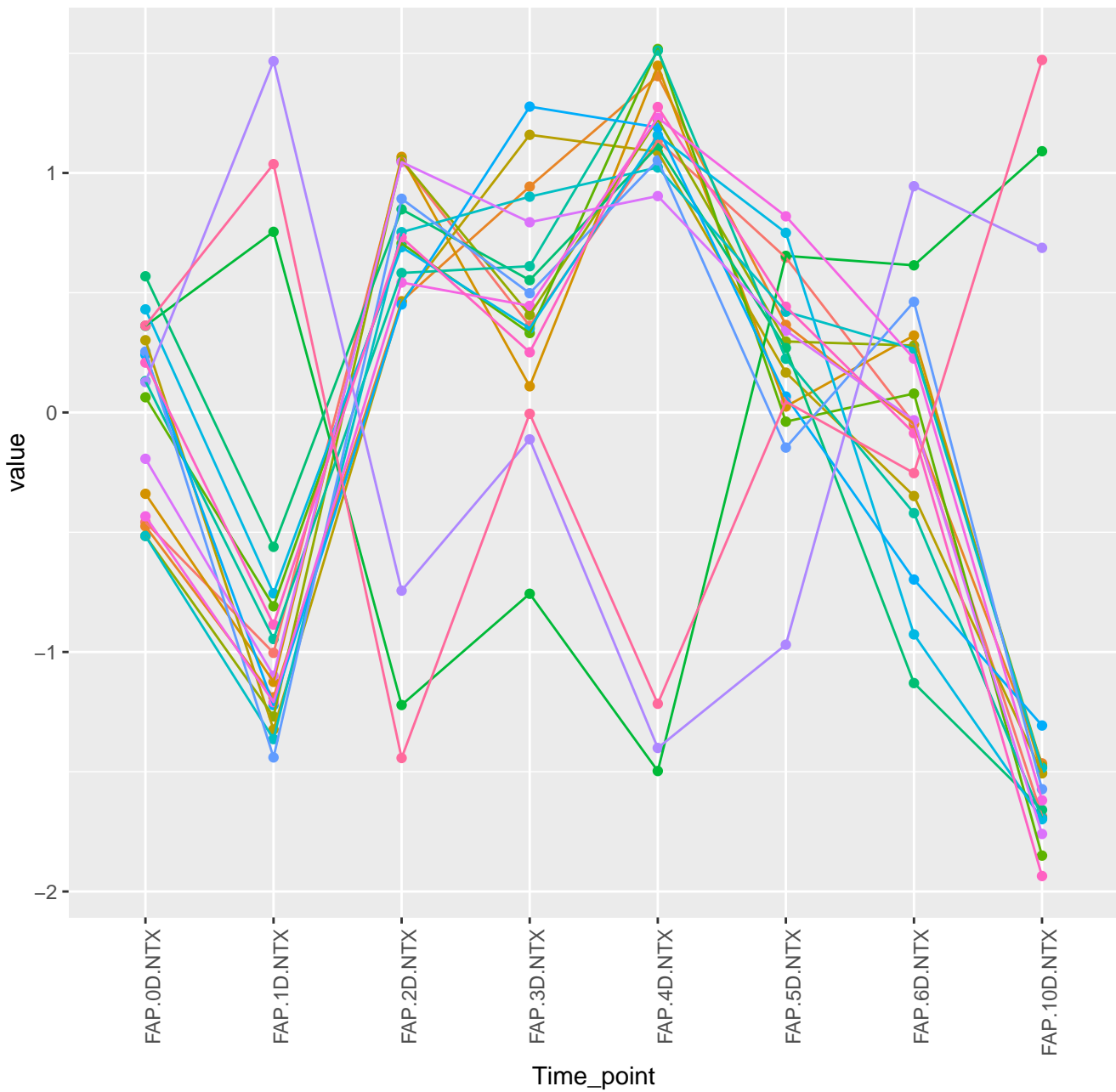
36 genes – cluster 241



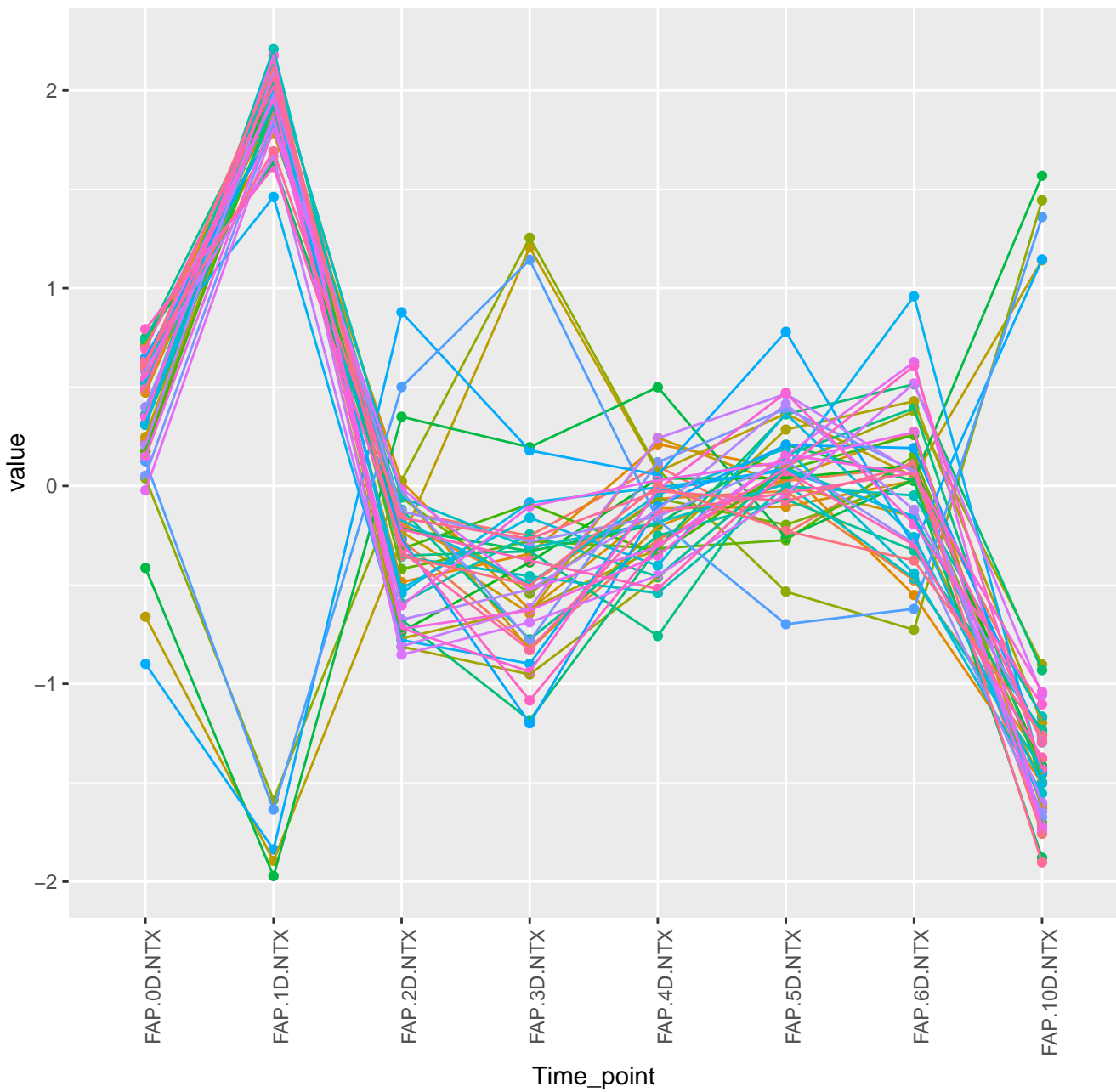
17 genes – cluster 242



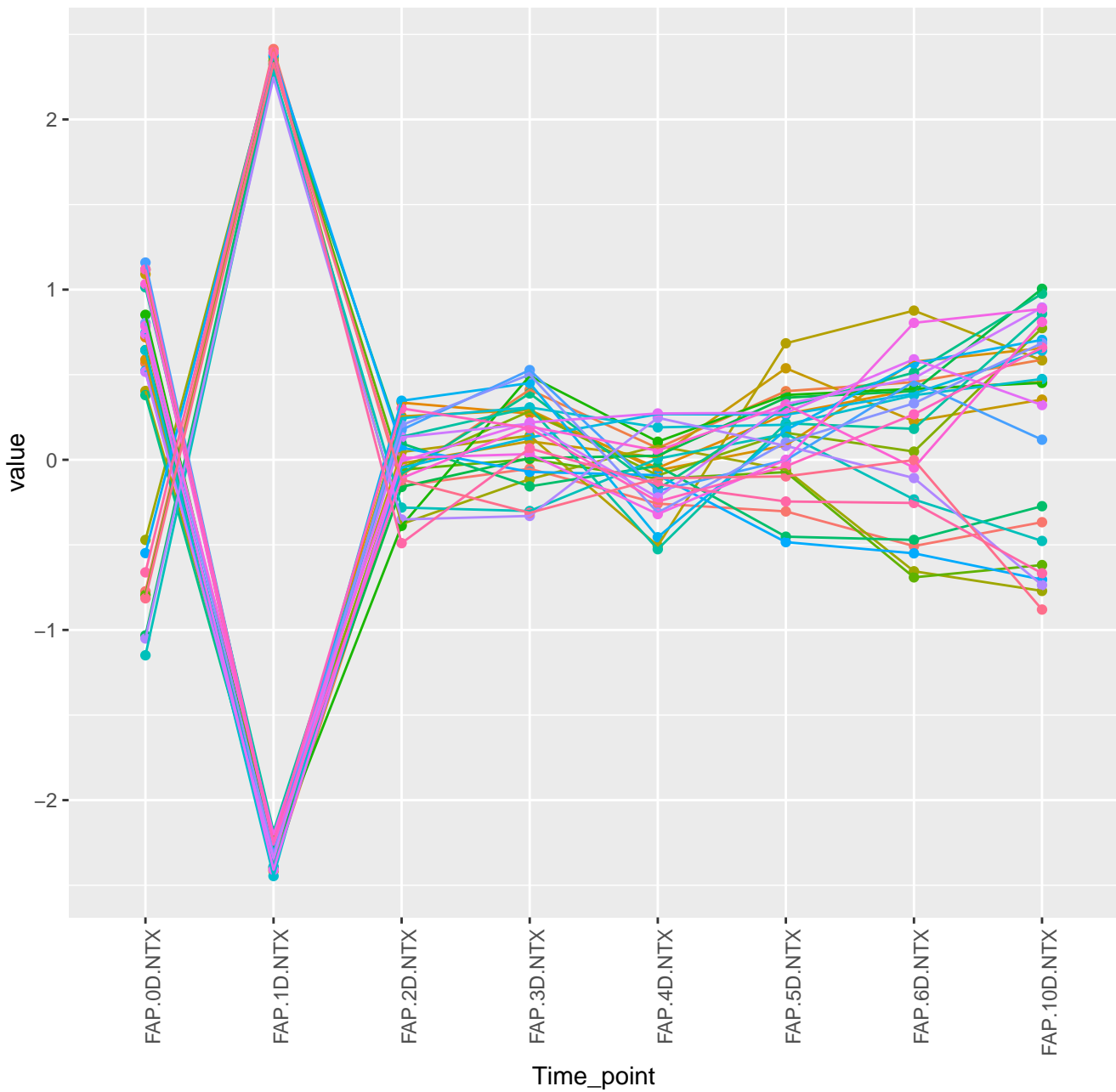
18 genes – cluster 243



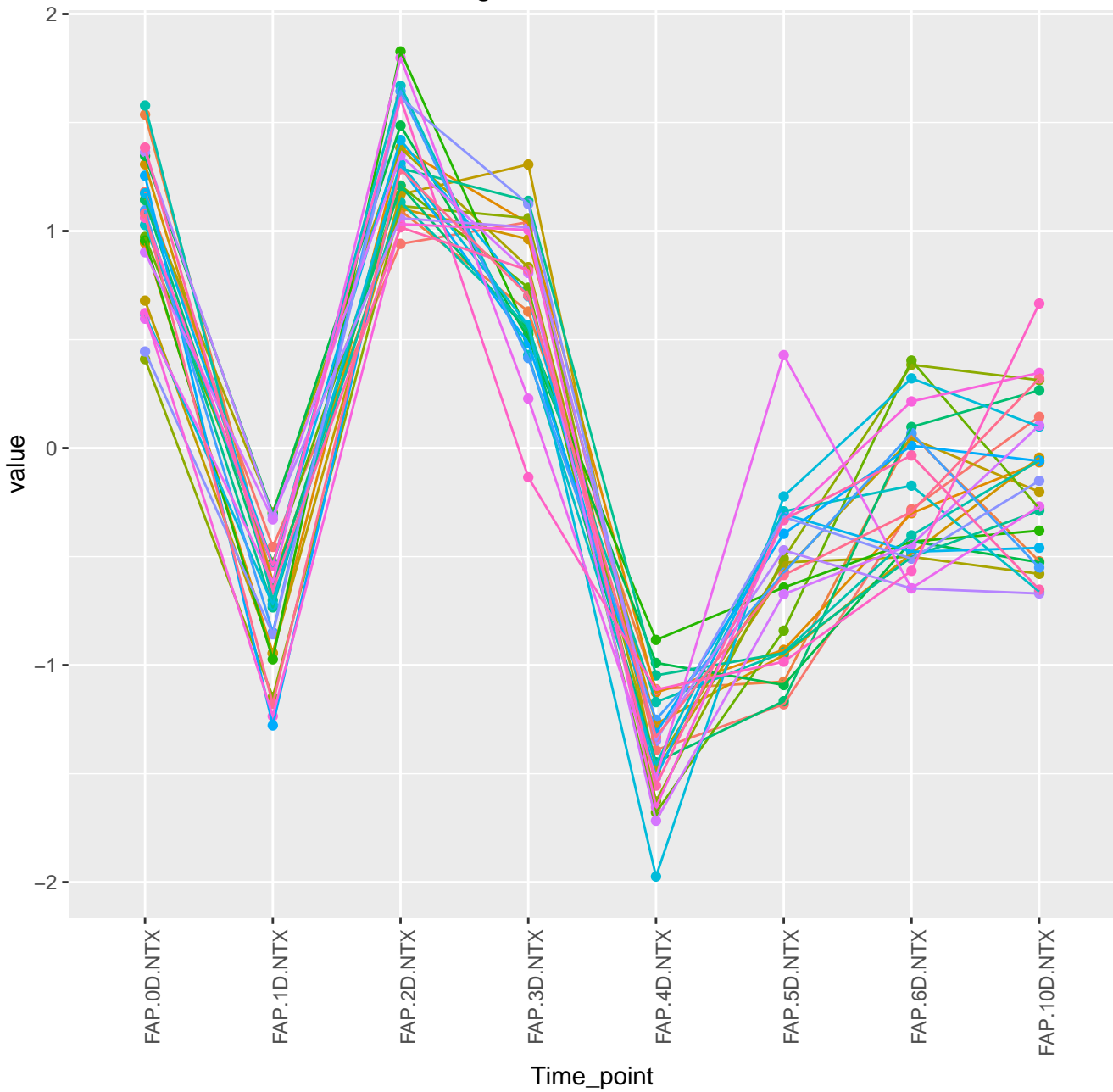
44 genes – cluster 244



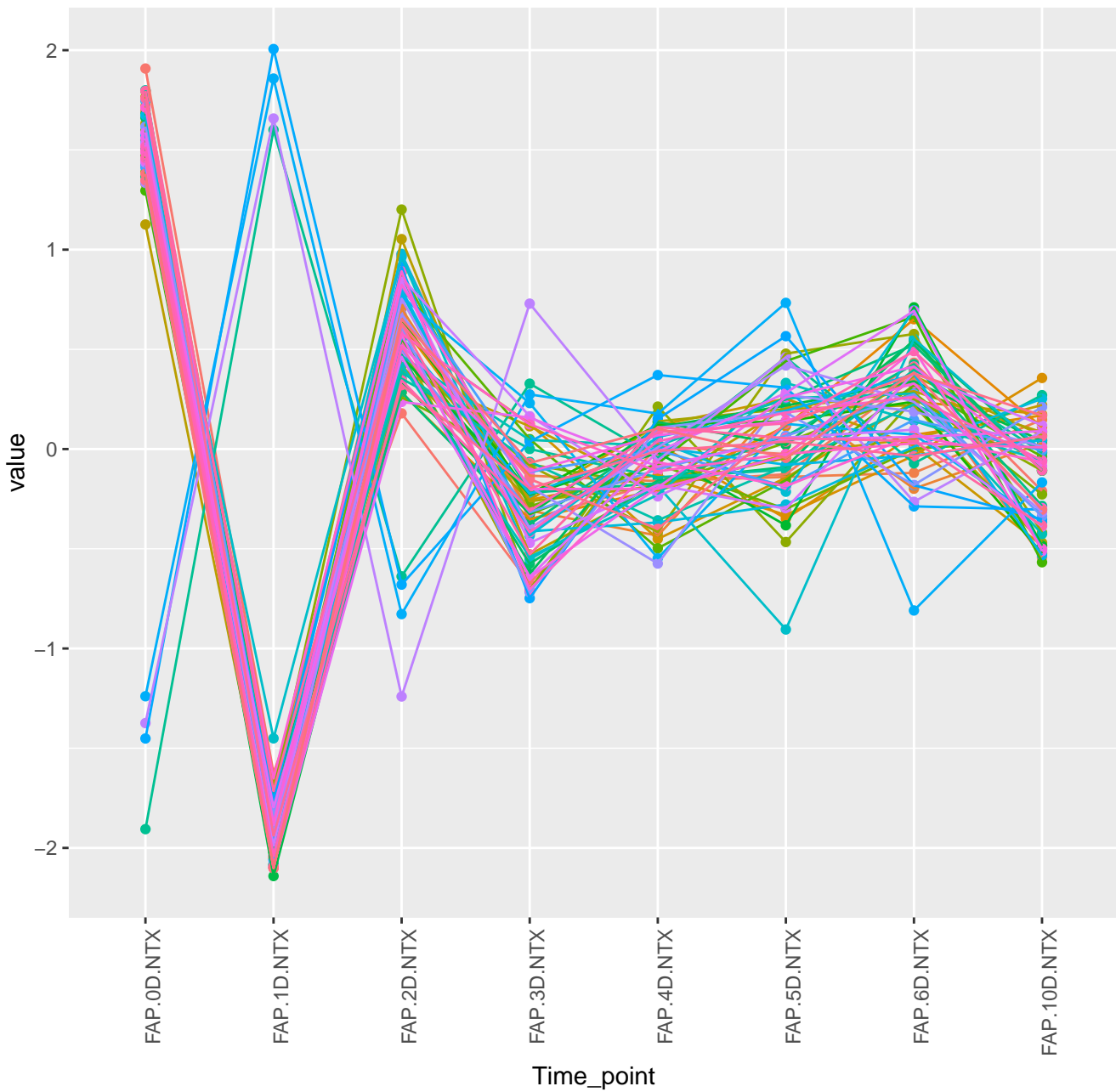
29 genes – cluster 245



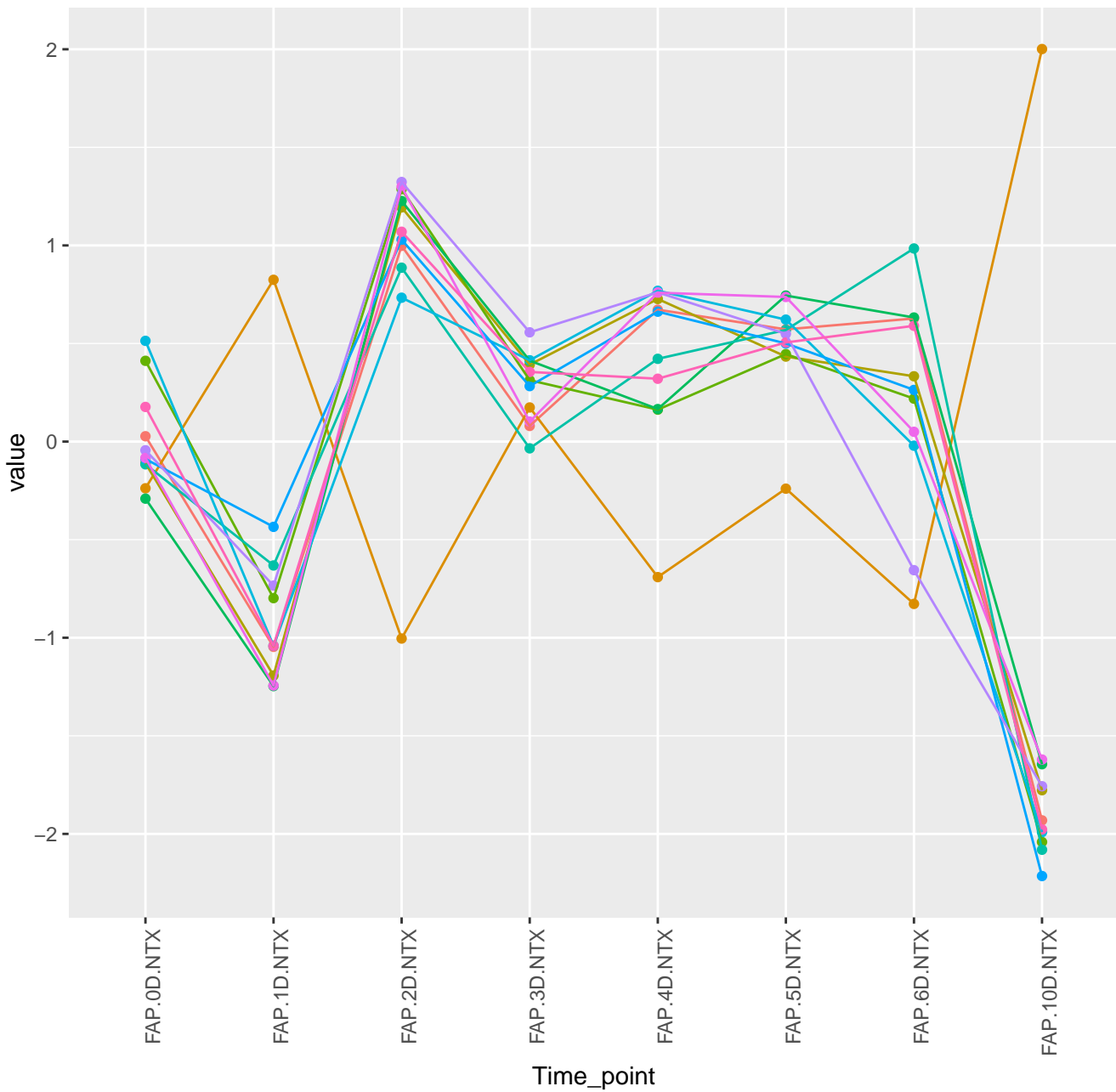
26 genes – cluster 246



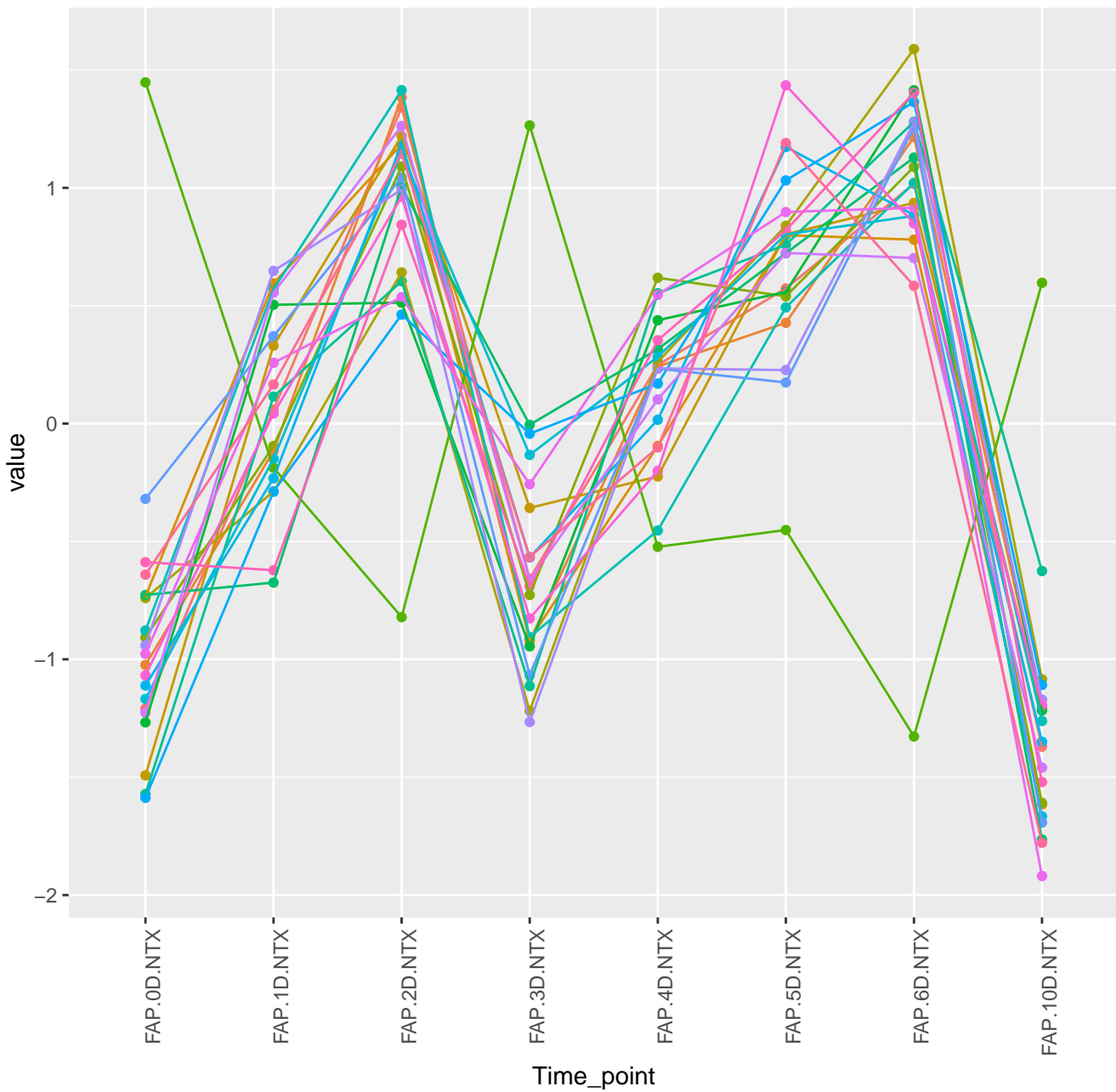
61 genes – cluster 247



11 genes – cluster 248



21 genes – cluster 249



26 genes – cluster 250

