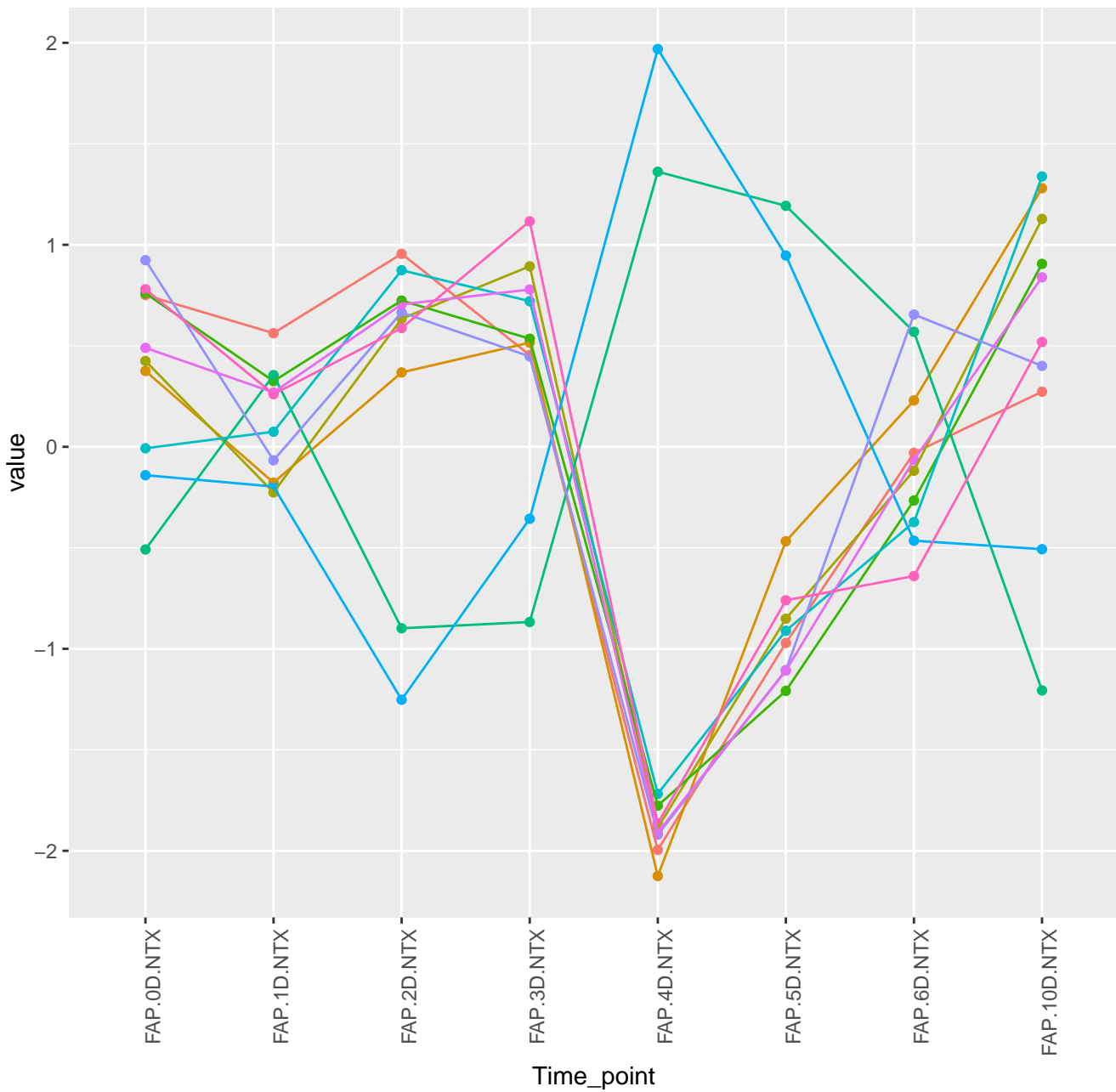
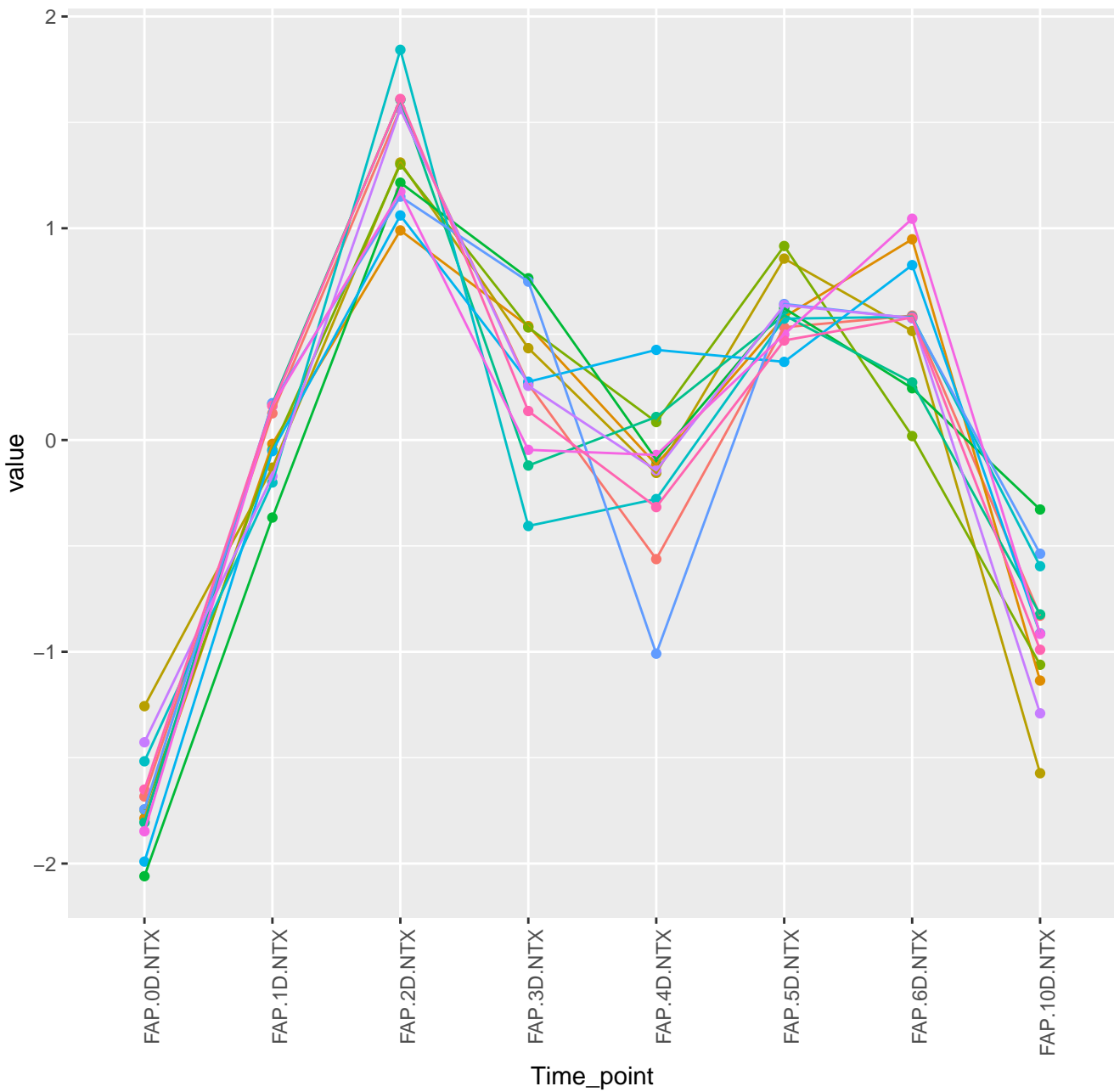


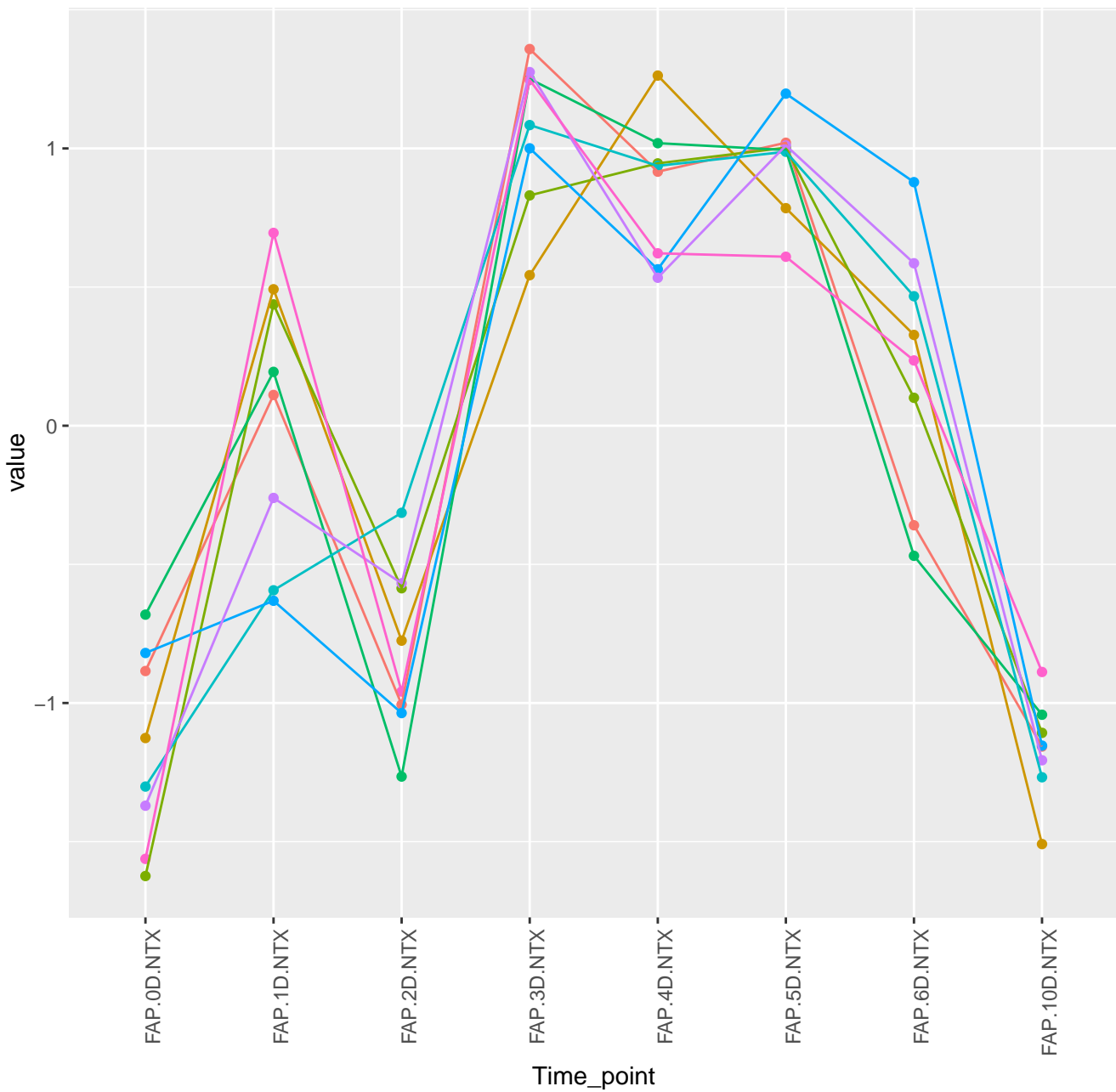
10 genes – cluster 1



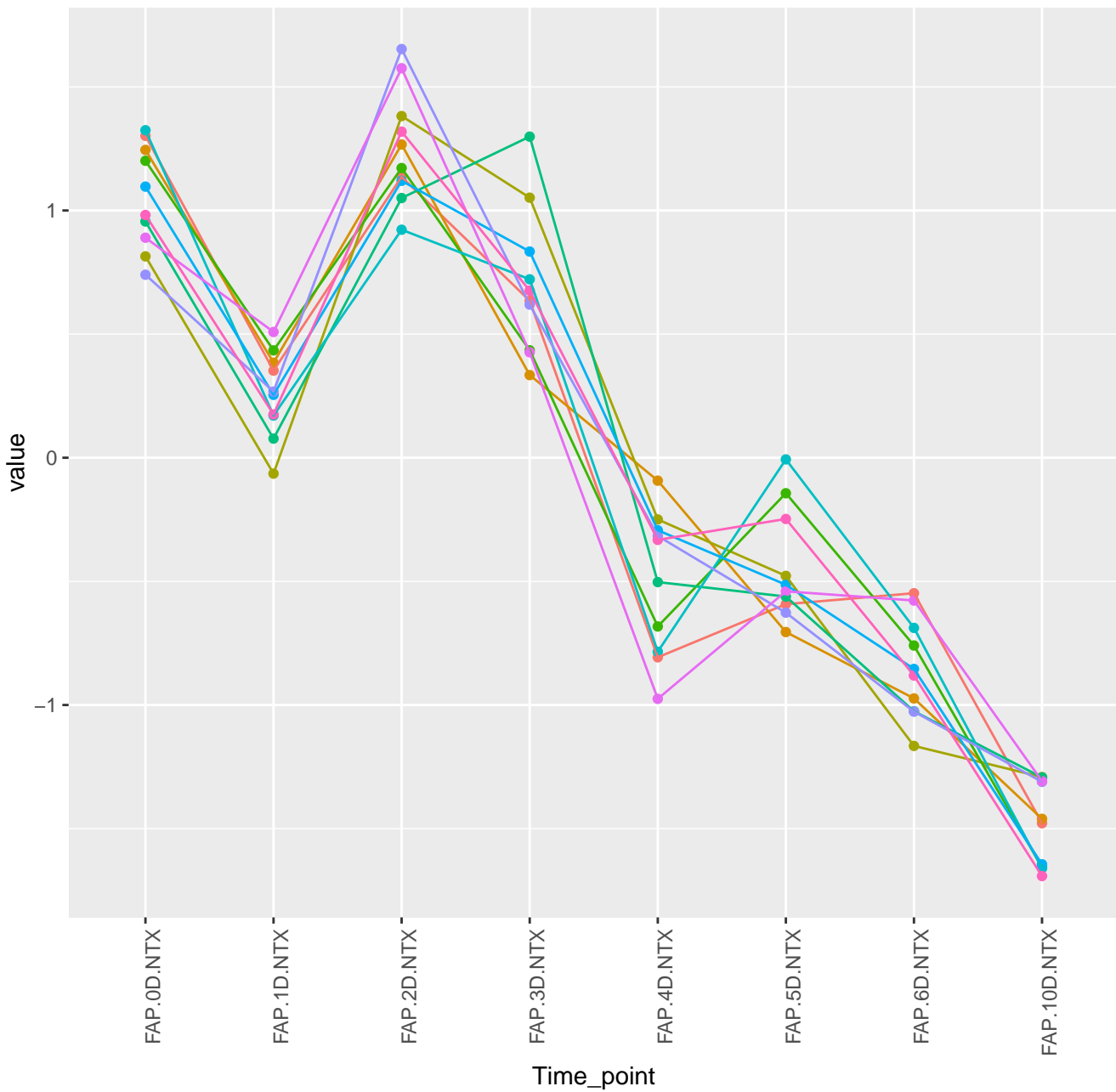
12 genes – cluster 2



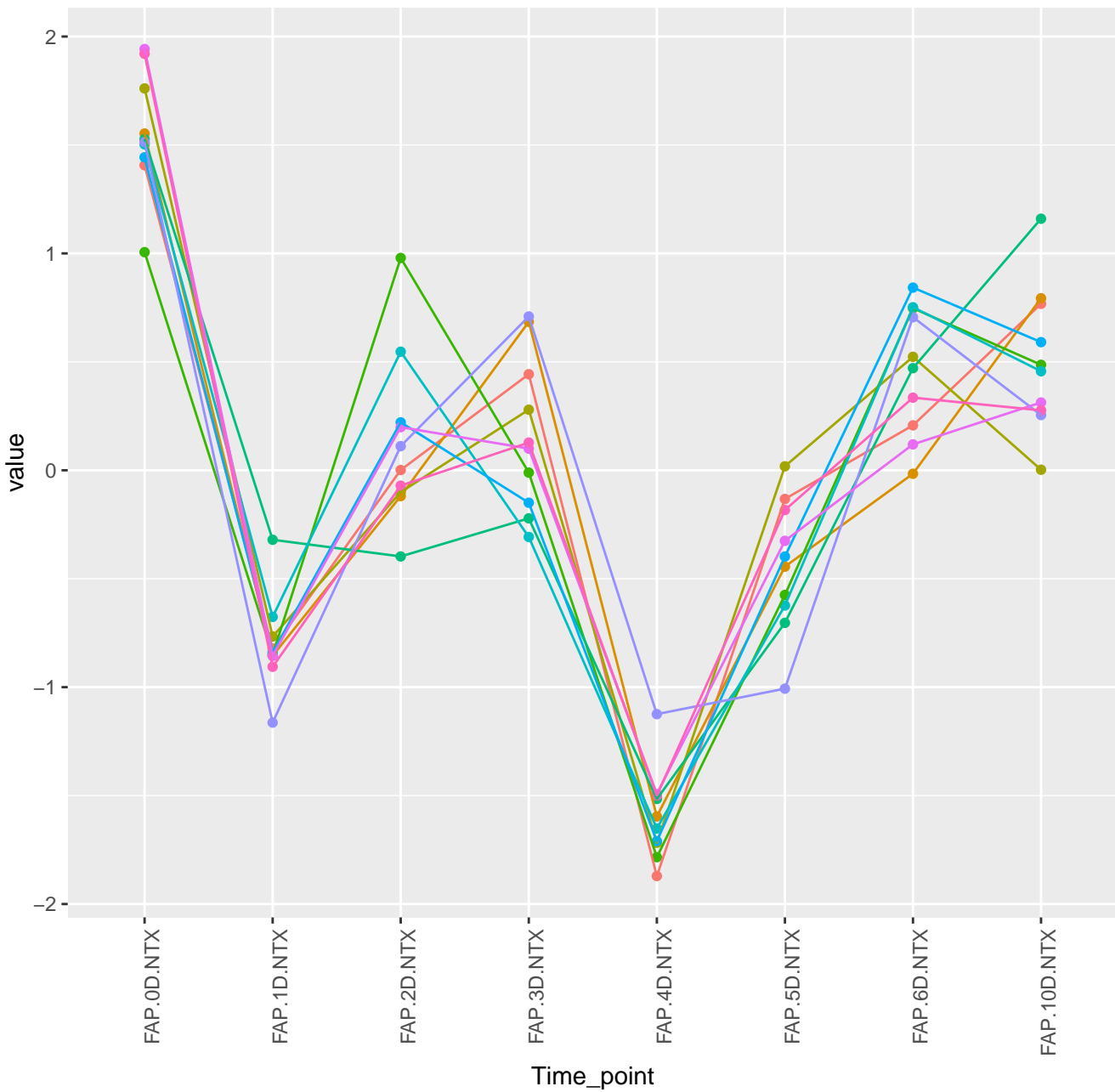
8 genes – cluster 3



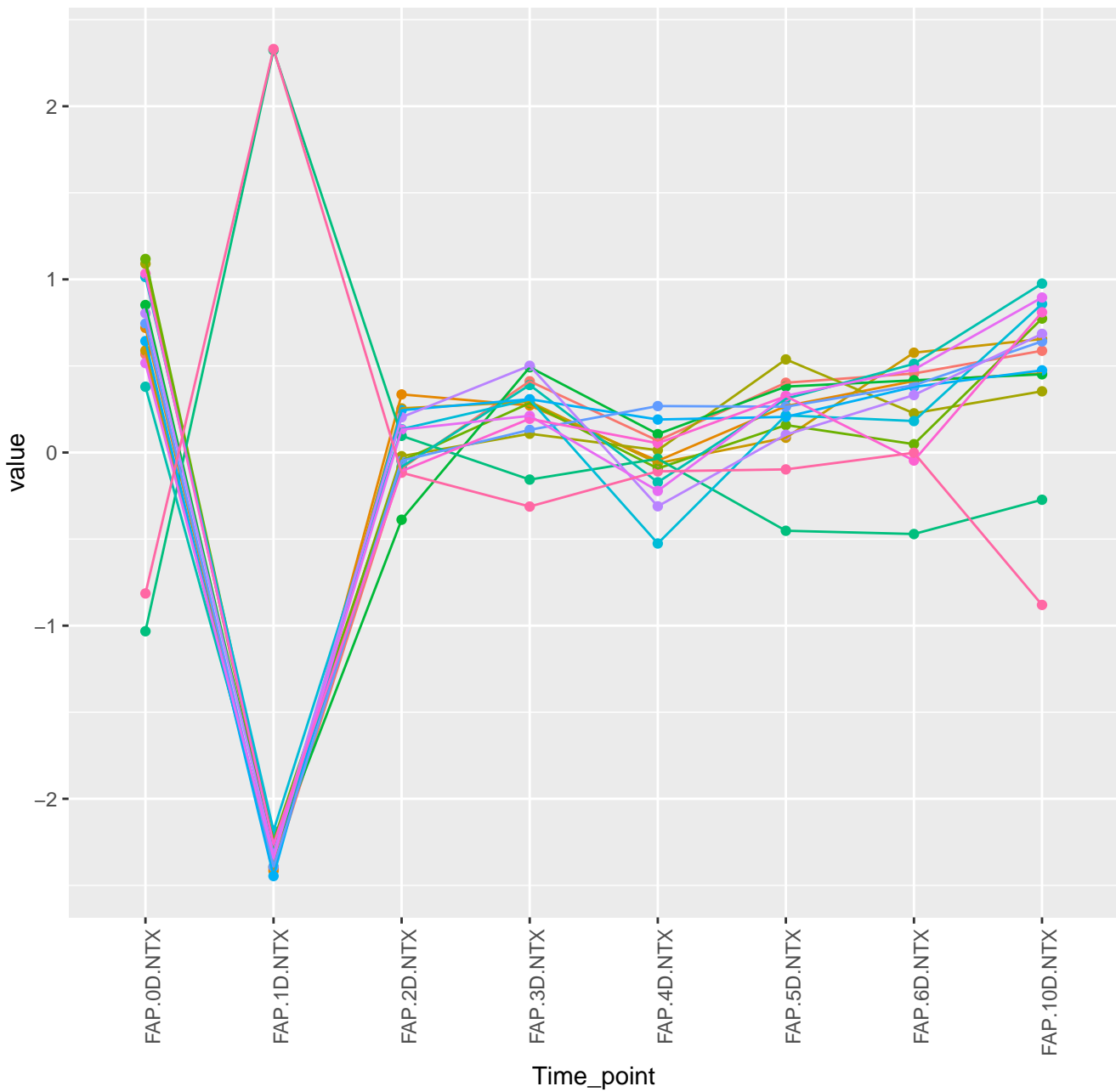
10 genes – cluster 4



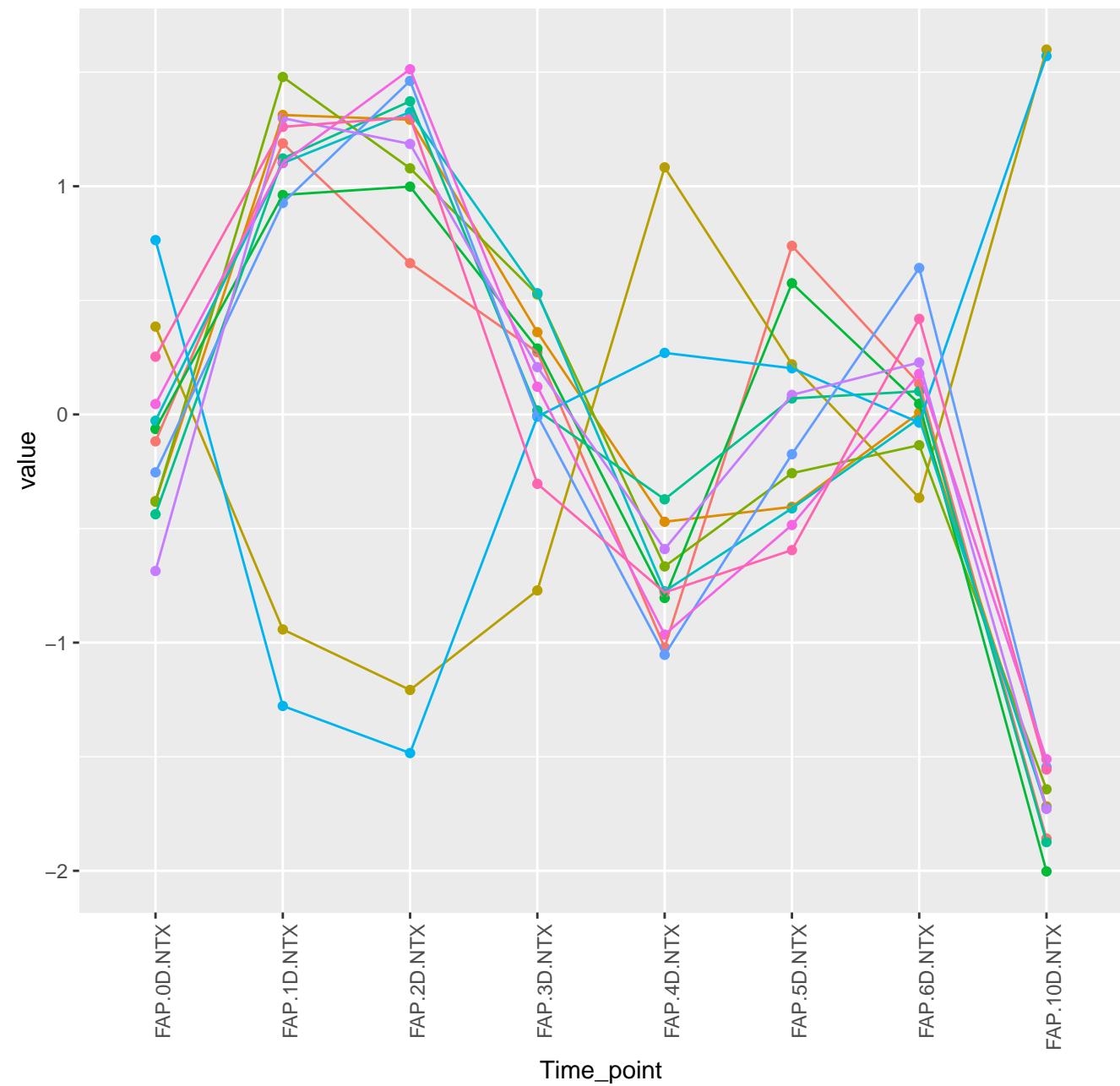
10 genes – cluster 5



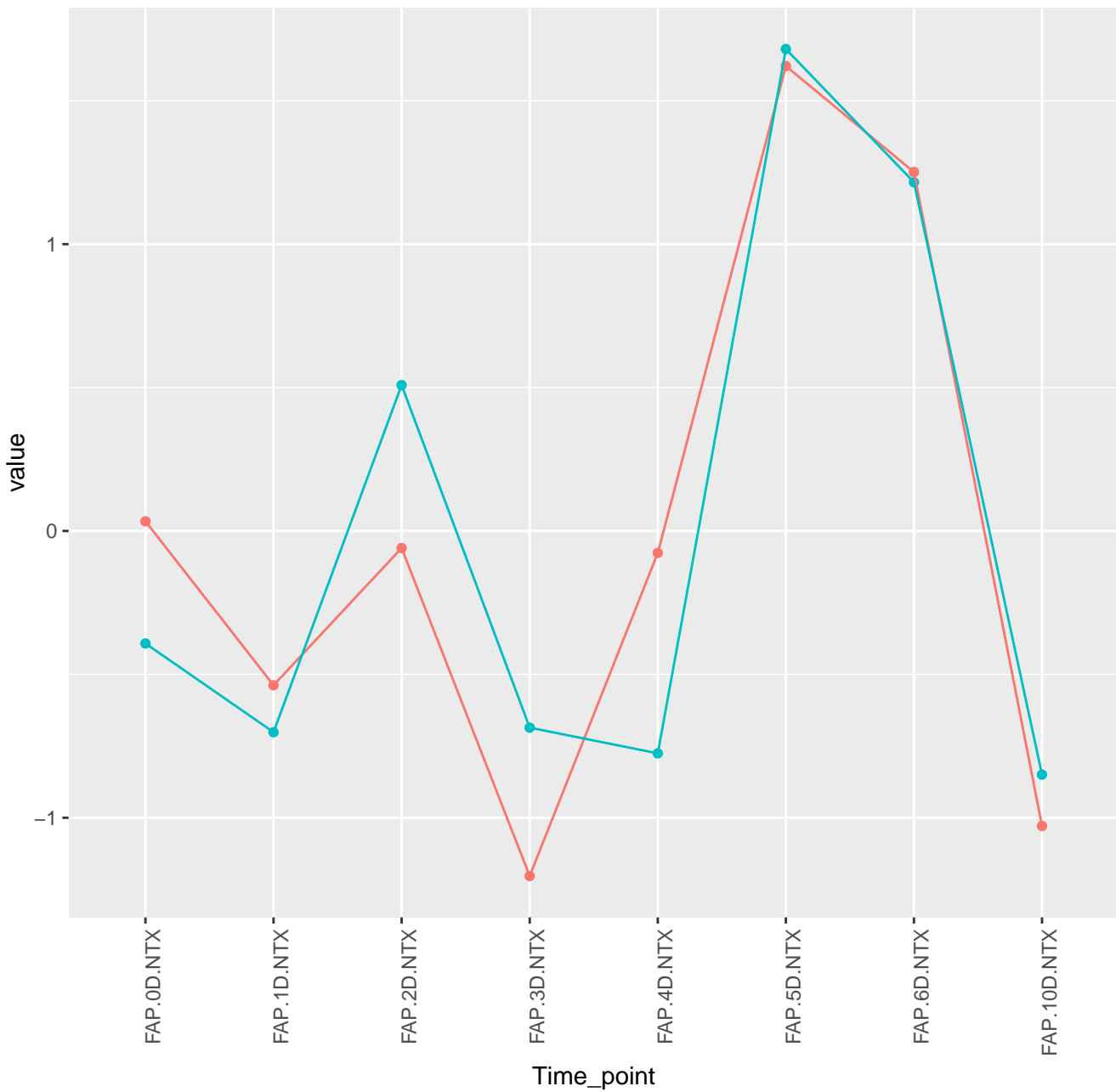
15 genes – cluster 6



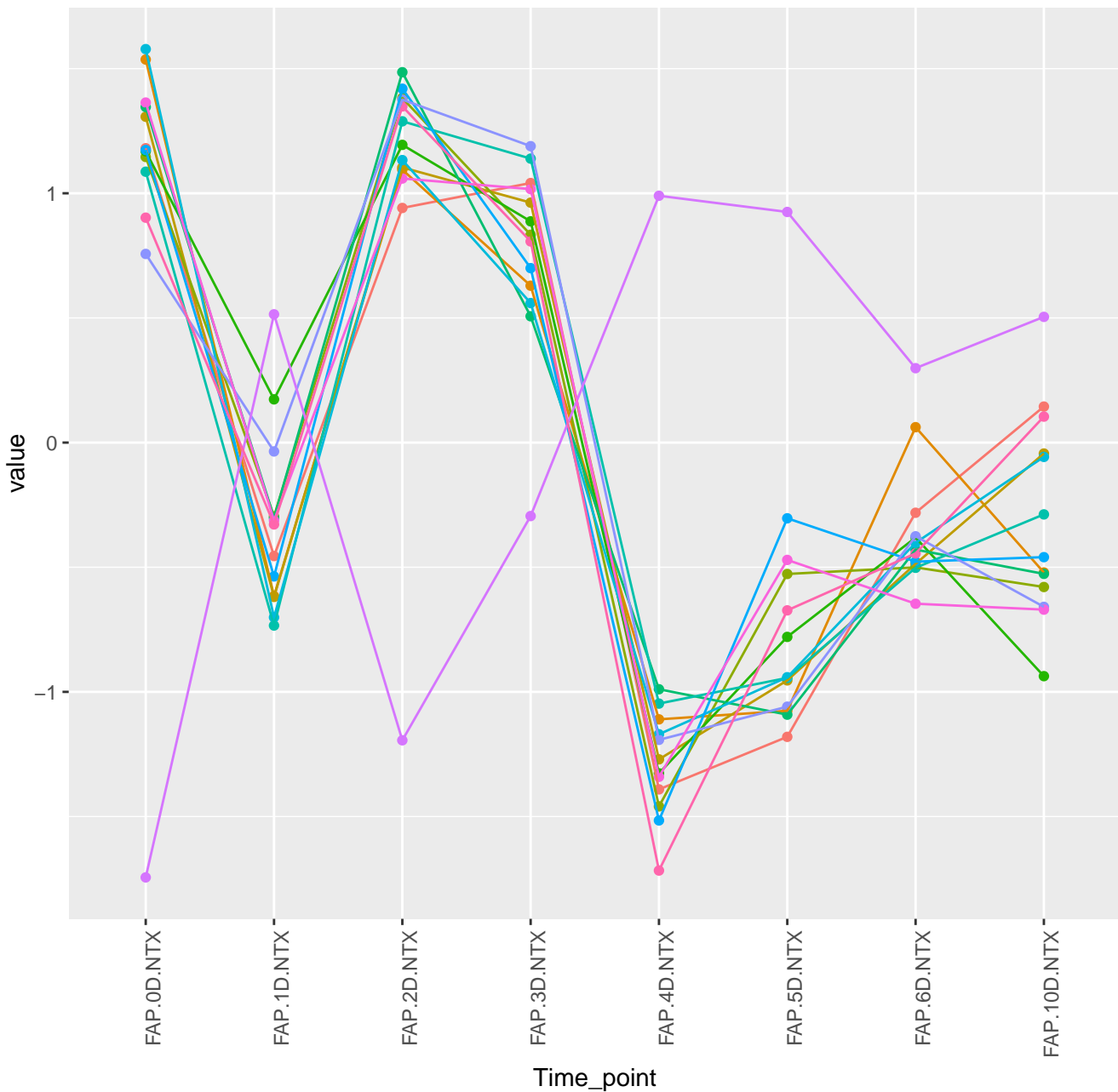
12 genes – cluster 7



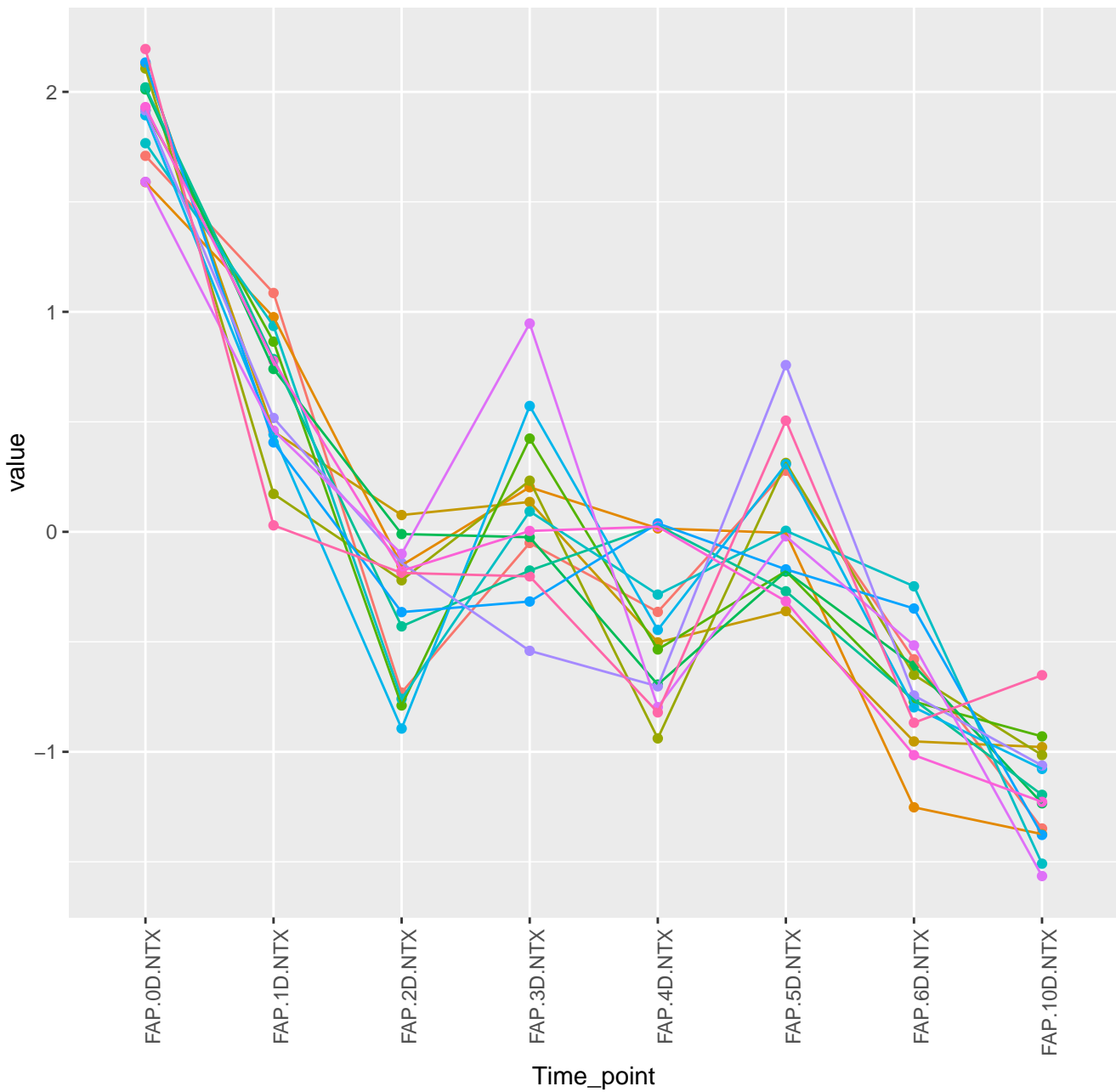
2 genes – cluster 8



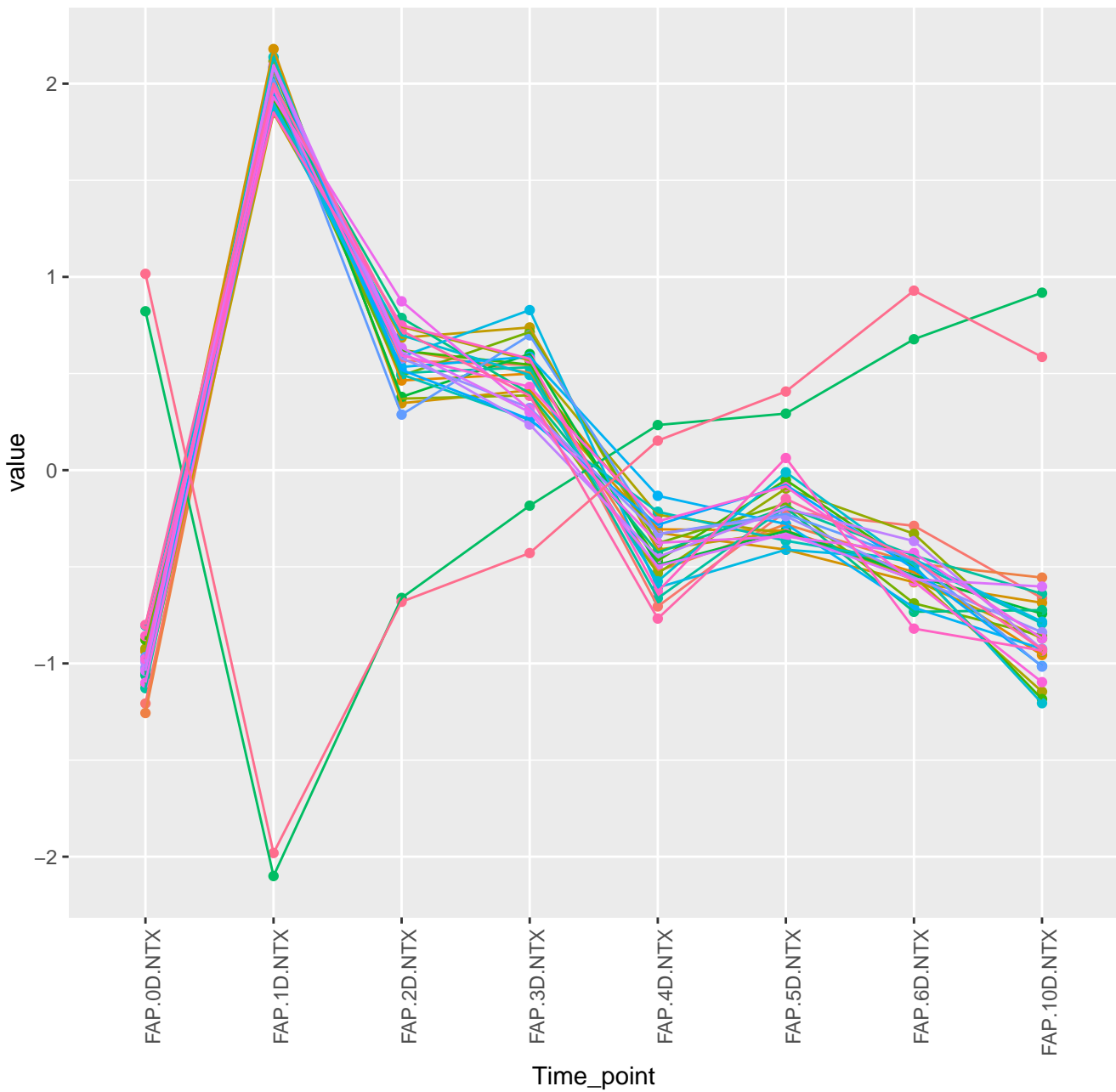
13 genes – cluster 9



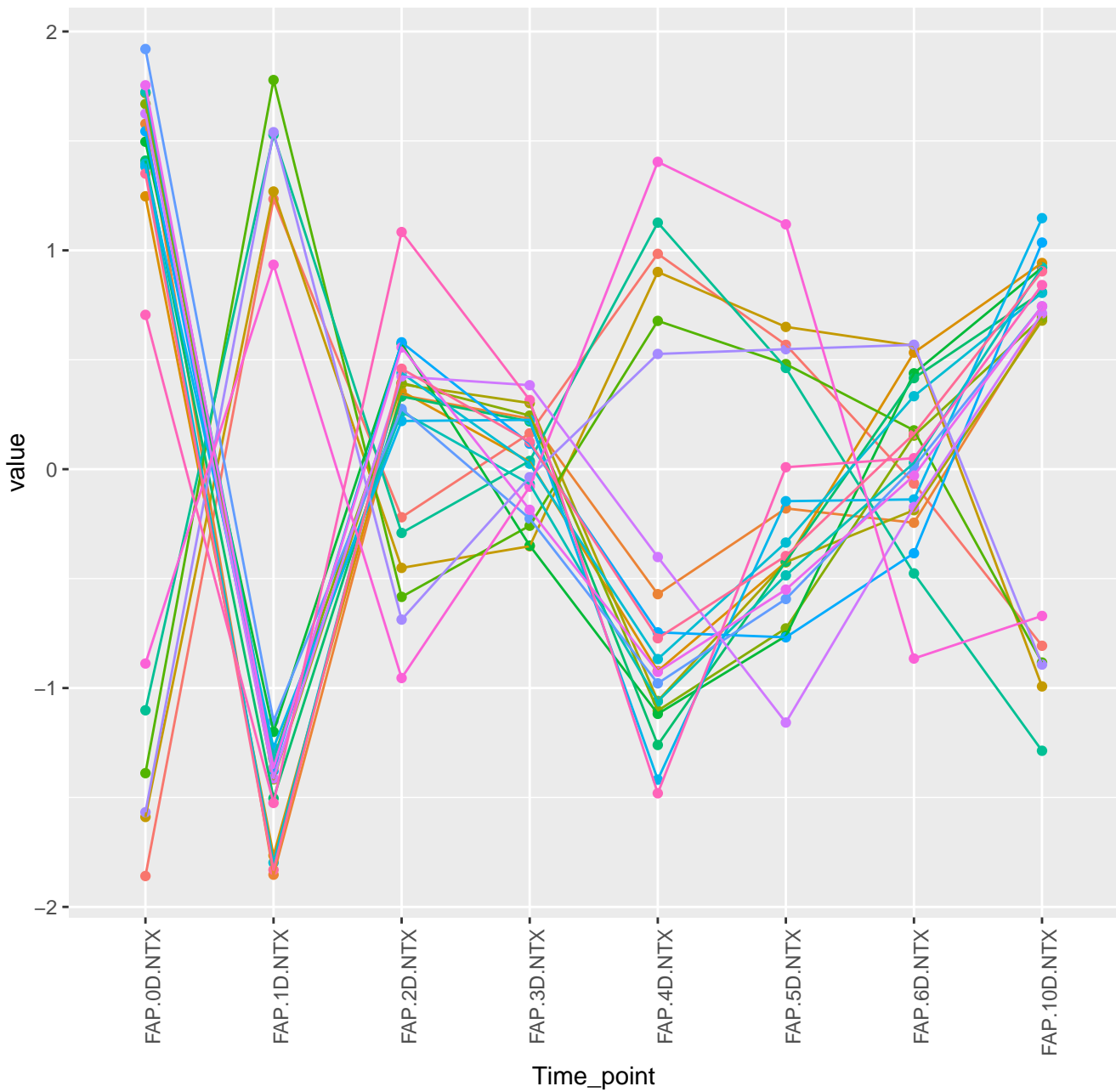
14 genes – cluster 10



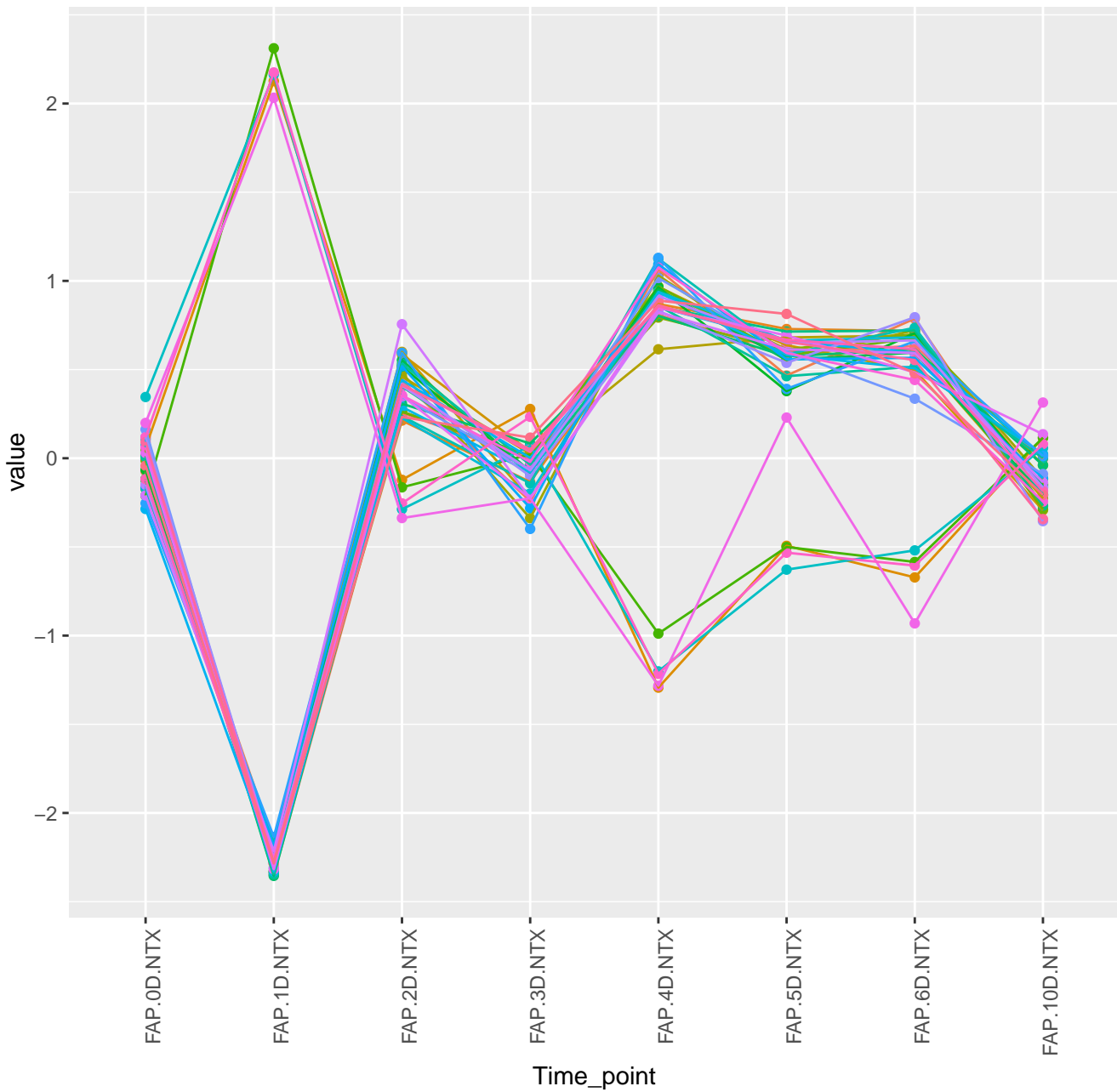
27 genes – cluster 11



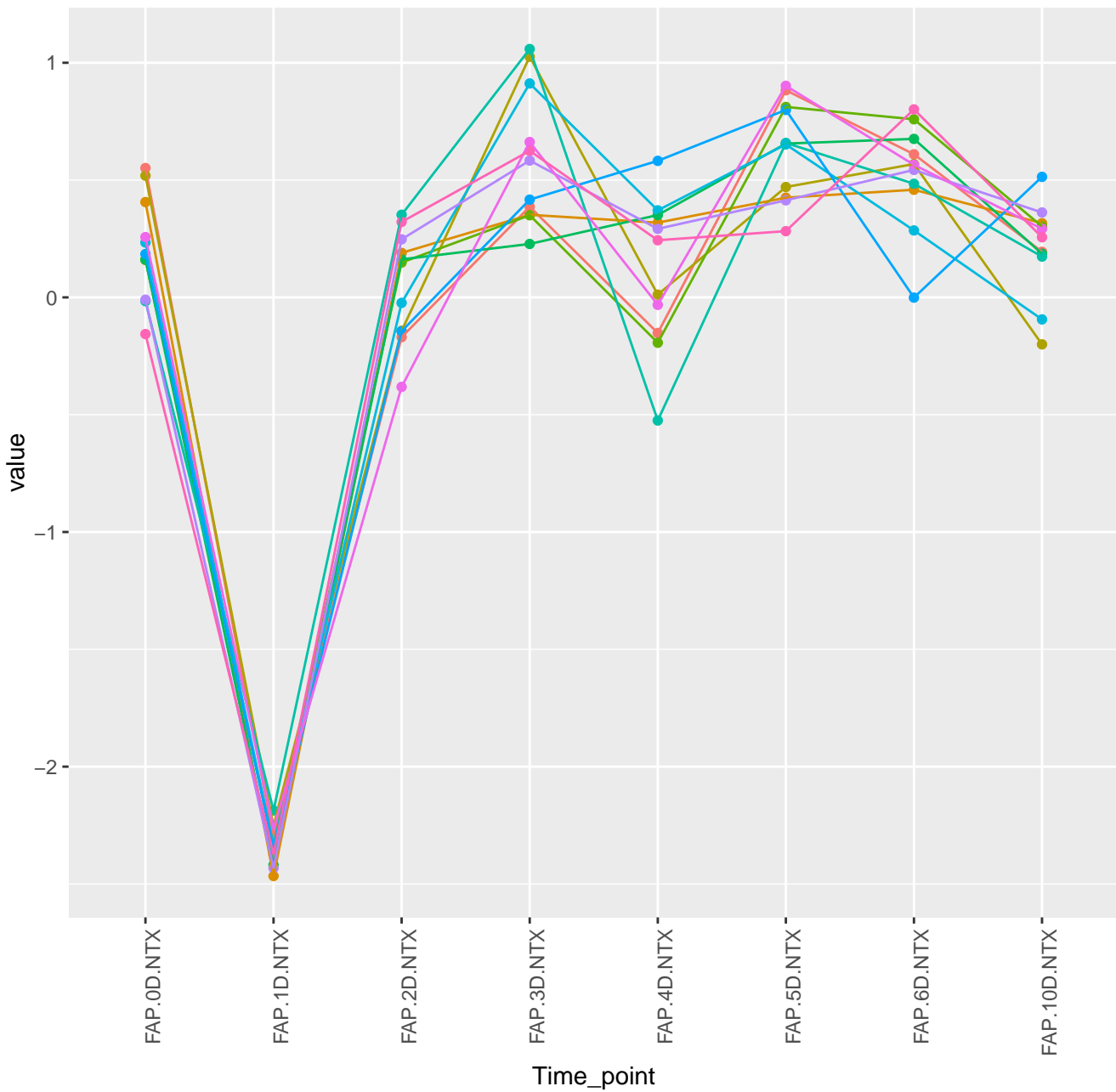
21 genes – cluster 12



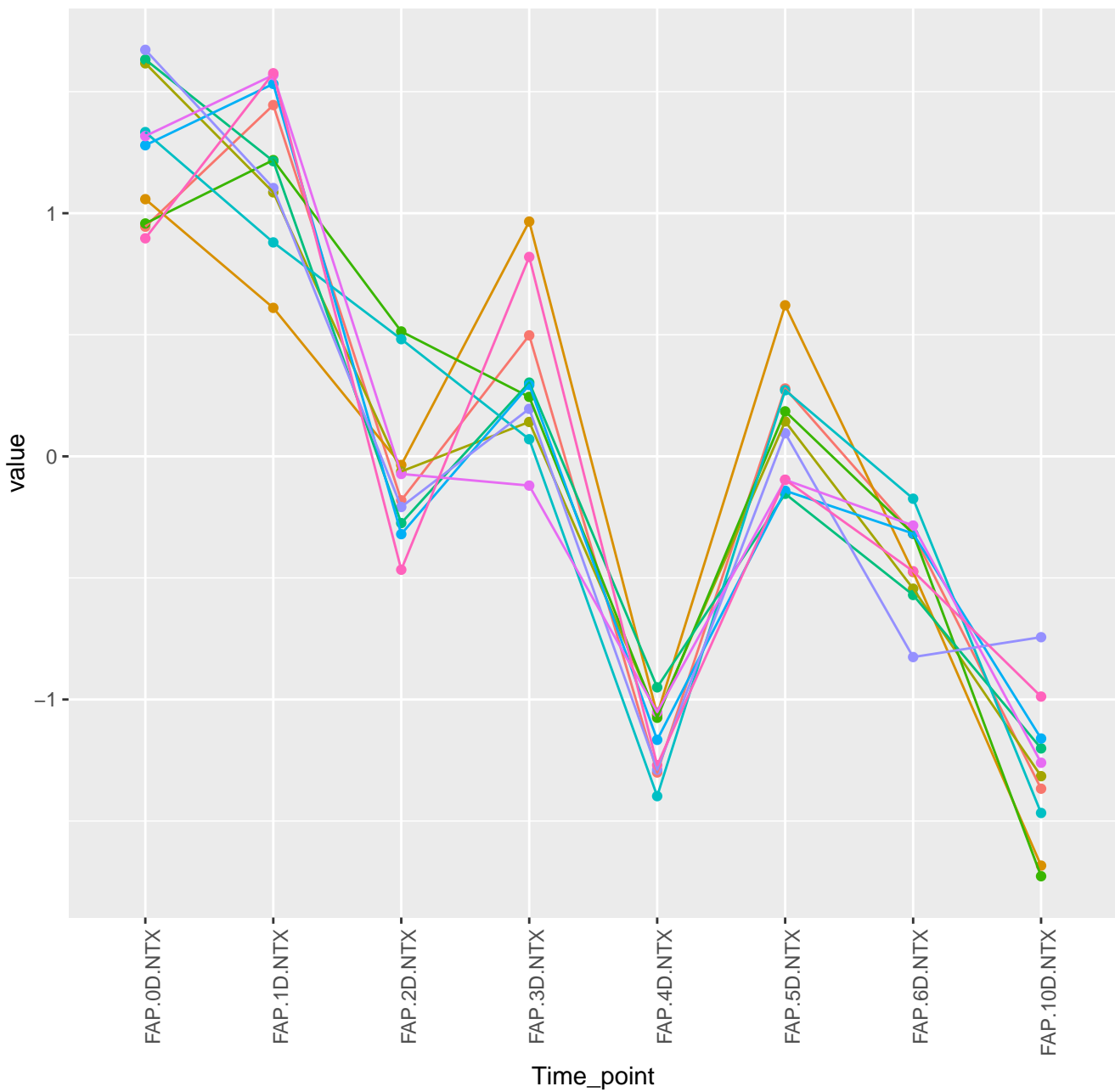
34 genes – cluster 13



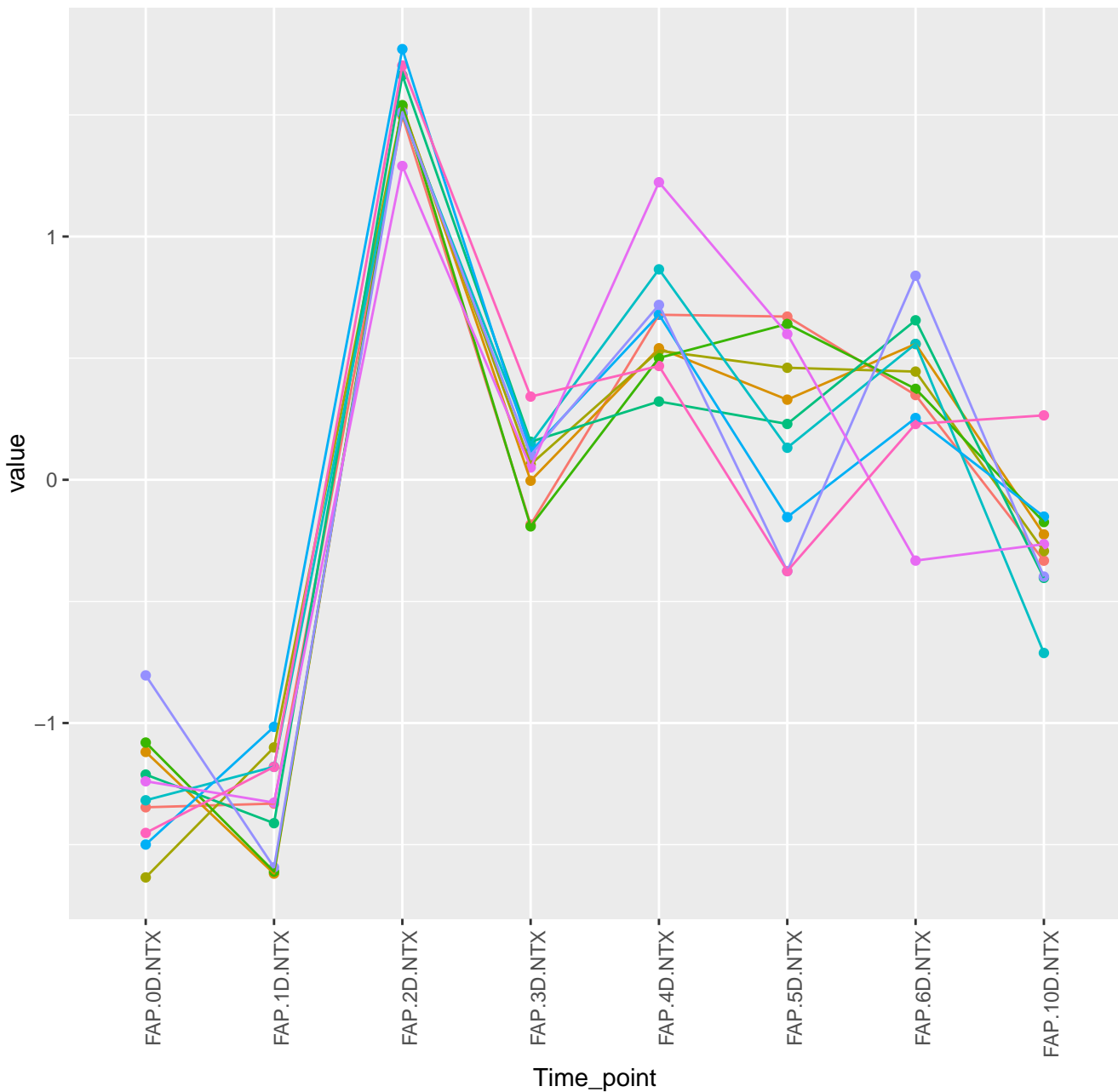
11 genes – cluster 14



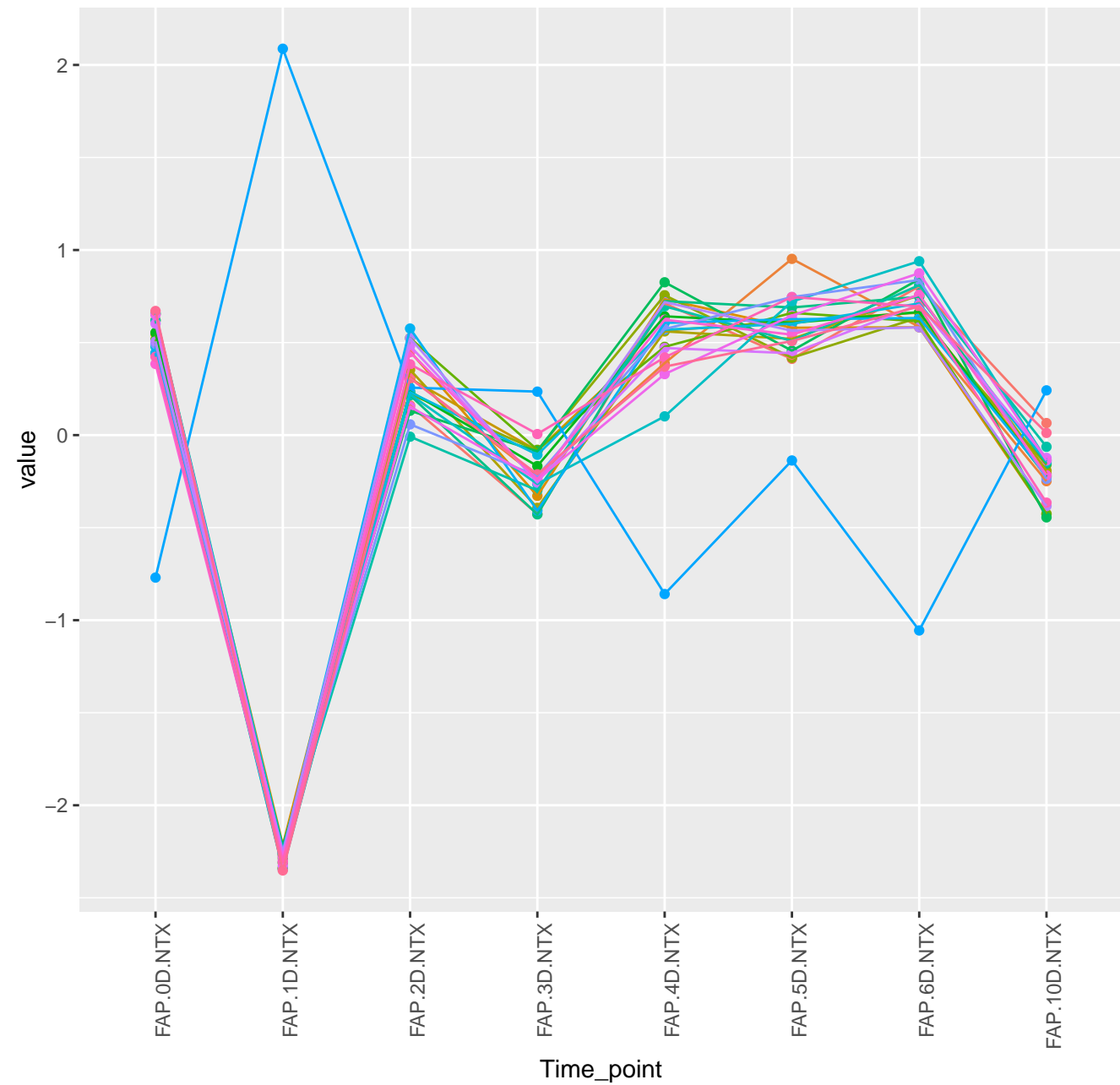
10 genes – cluster 15



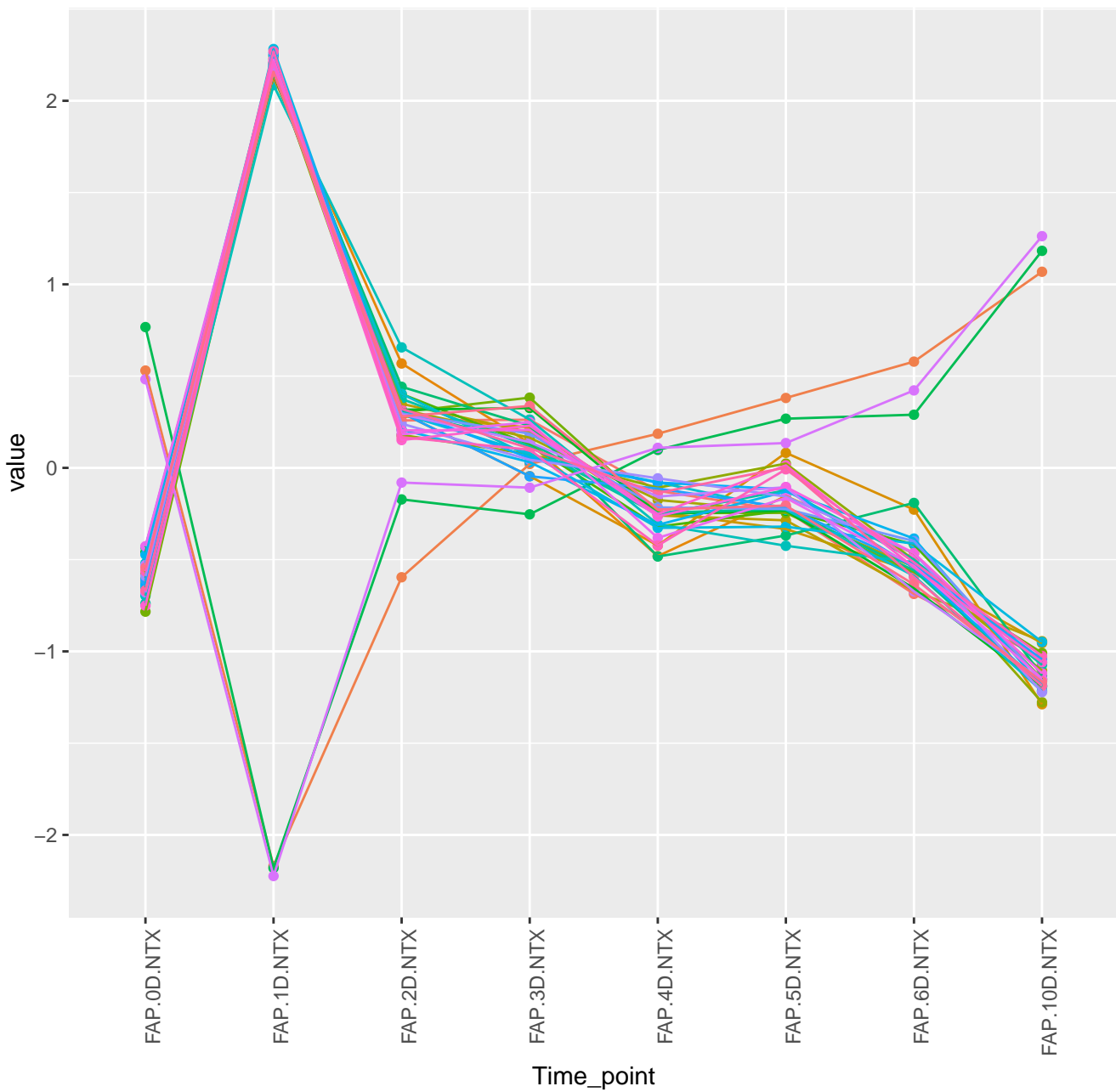
10 genes – cluster 16



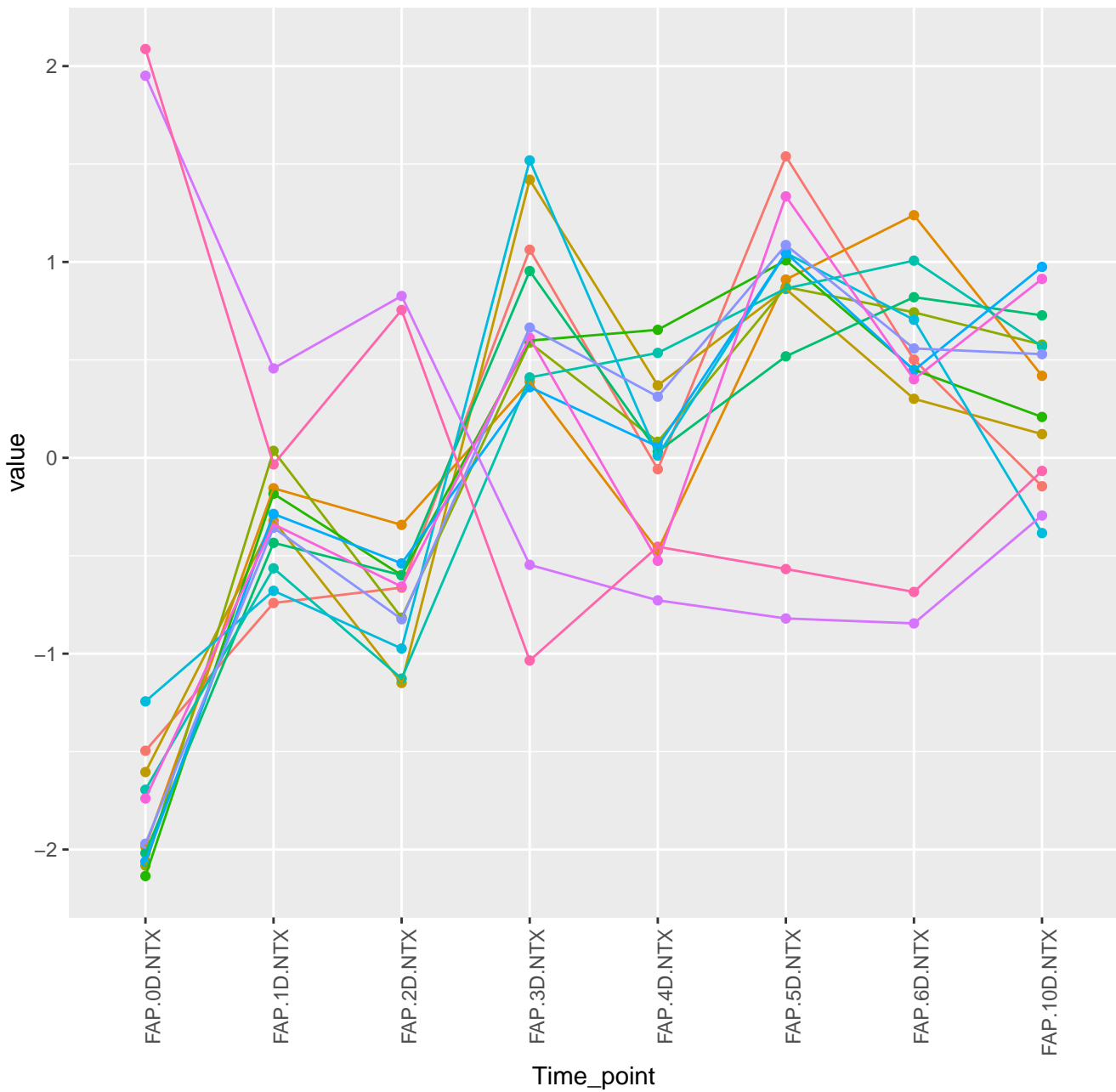
22 genes – cluster 17



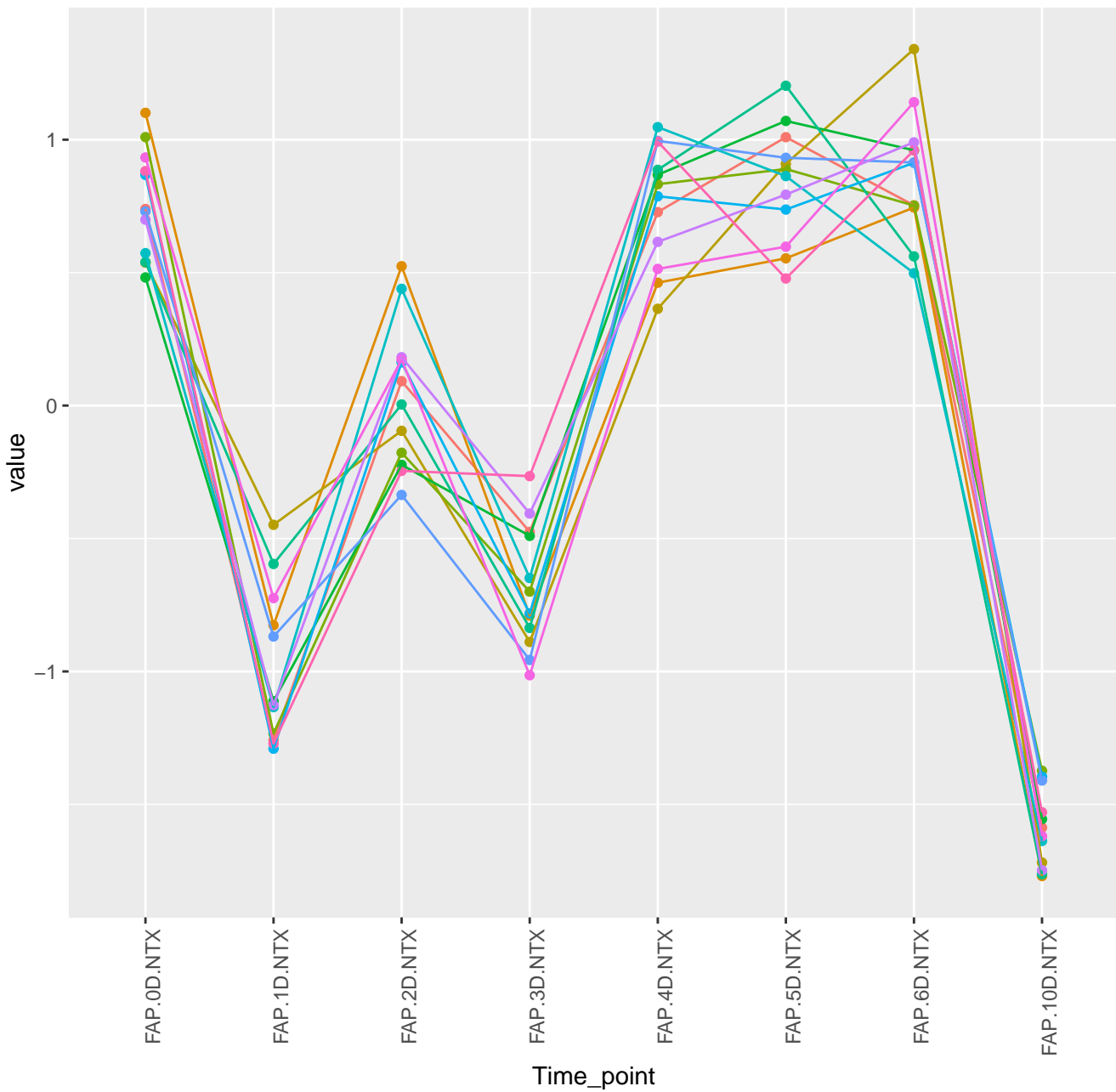
31 genes – cluster 18



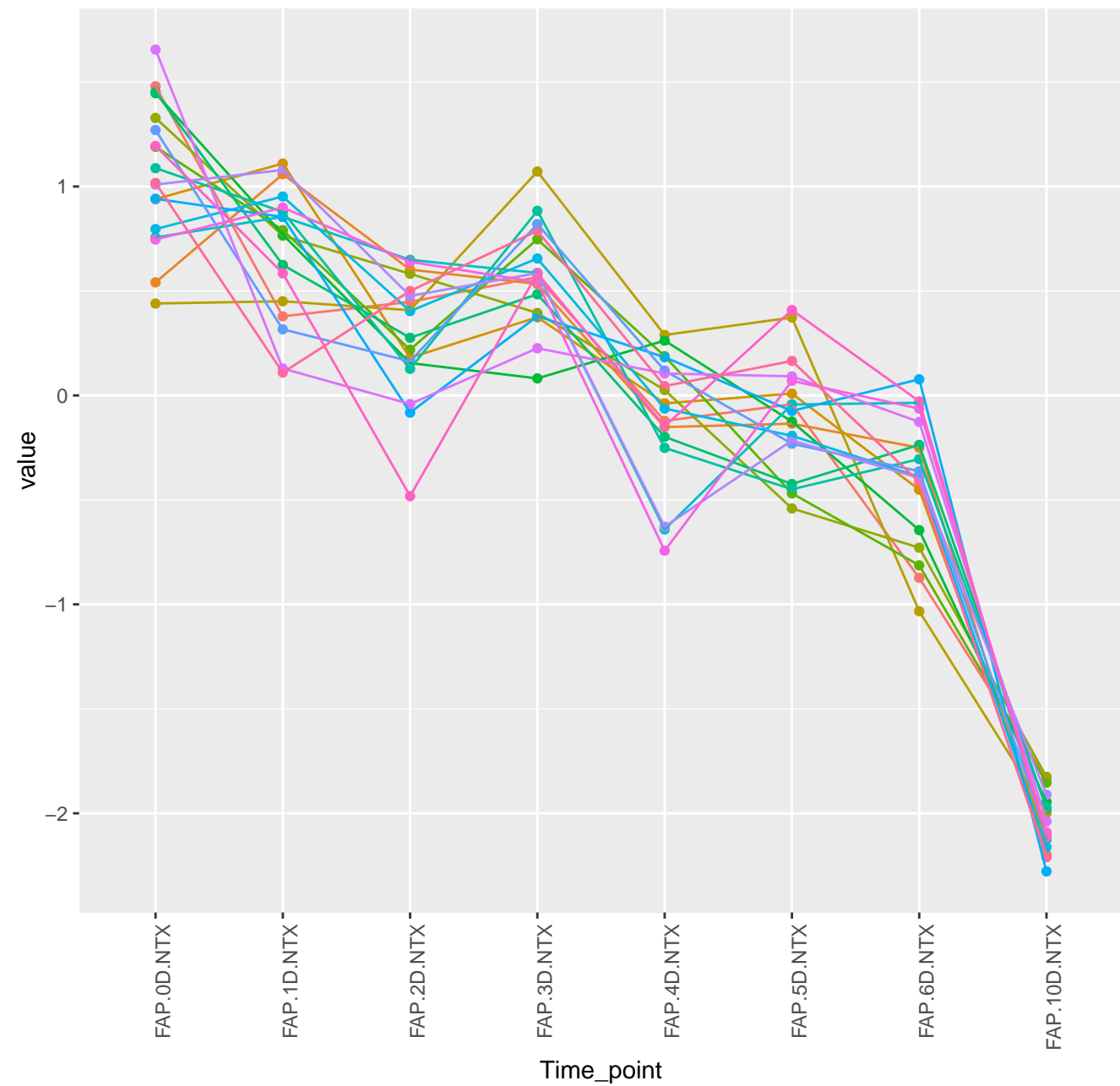
13 genes – cluster 19



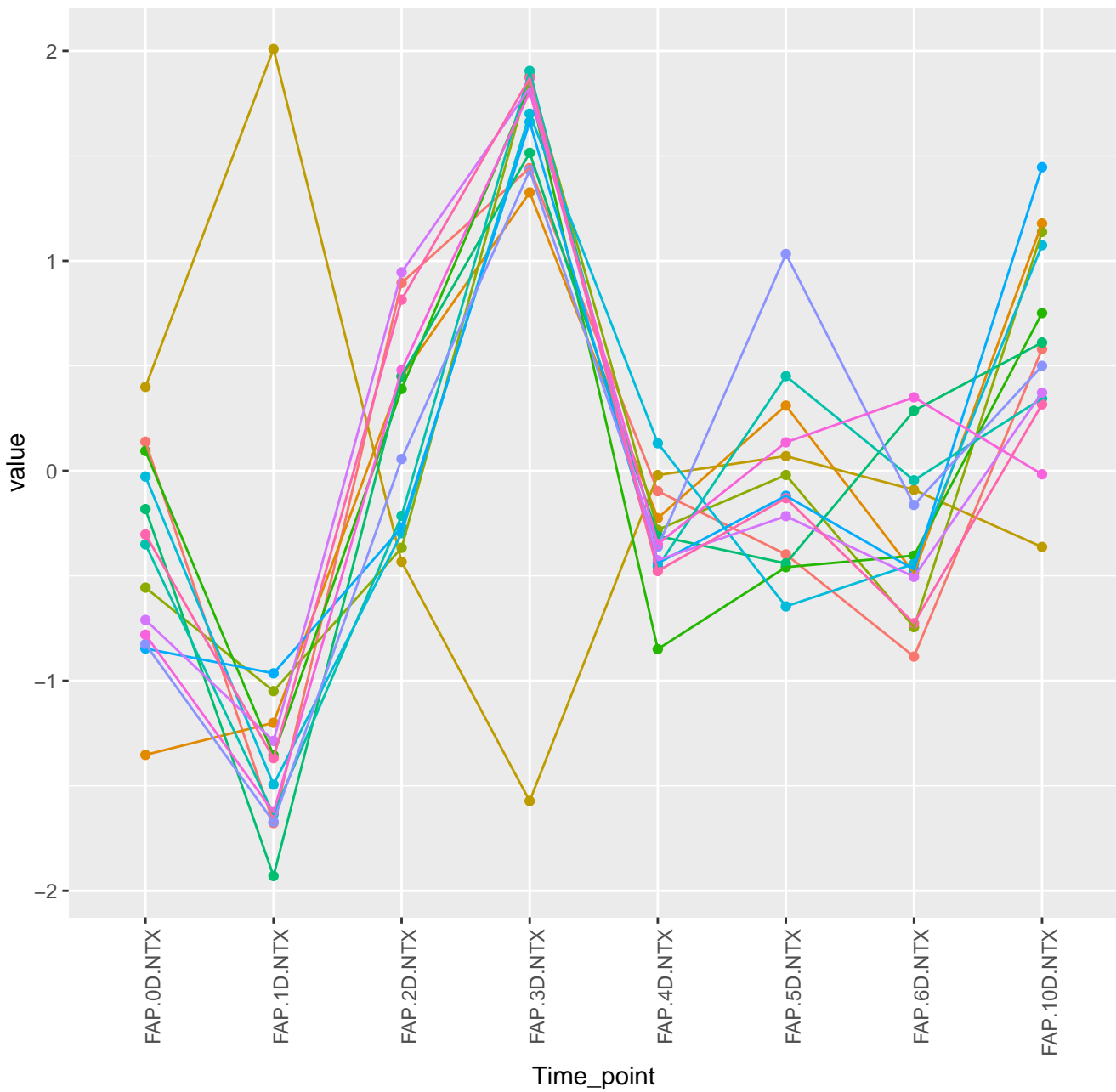
12 genes – cluster 20



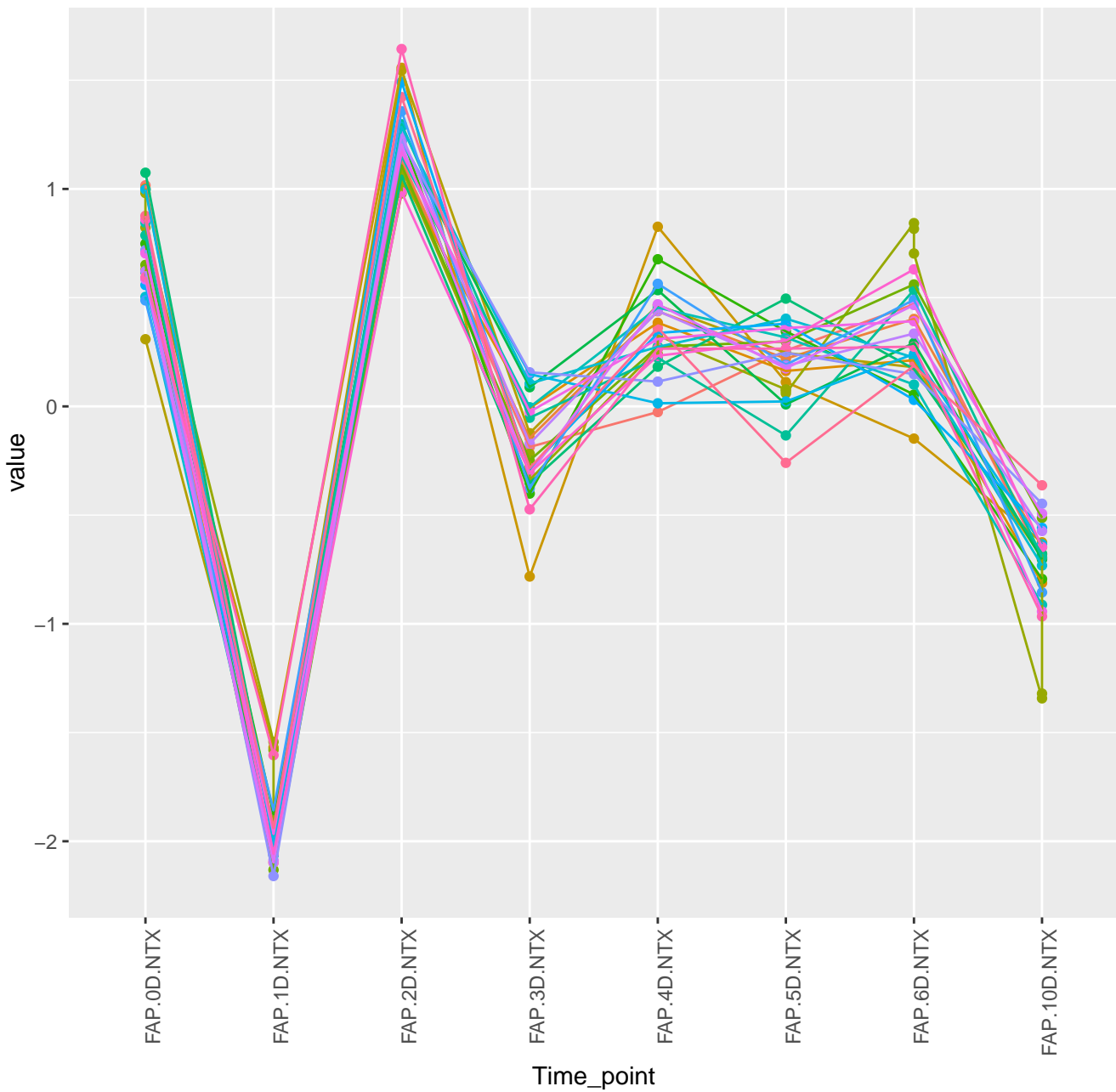
18 genes – cluster 21



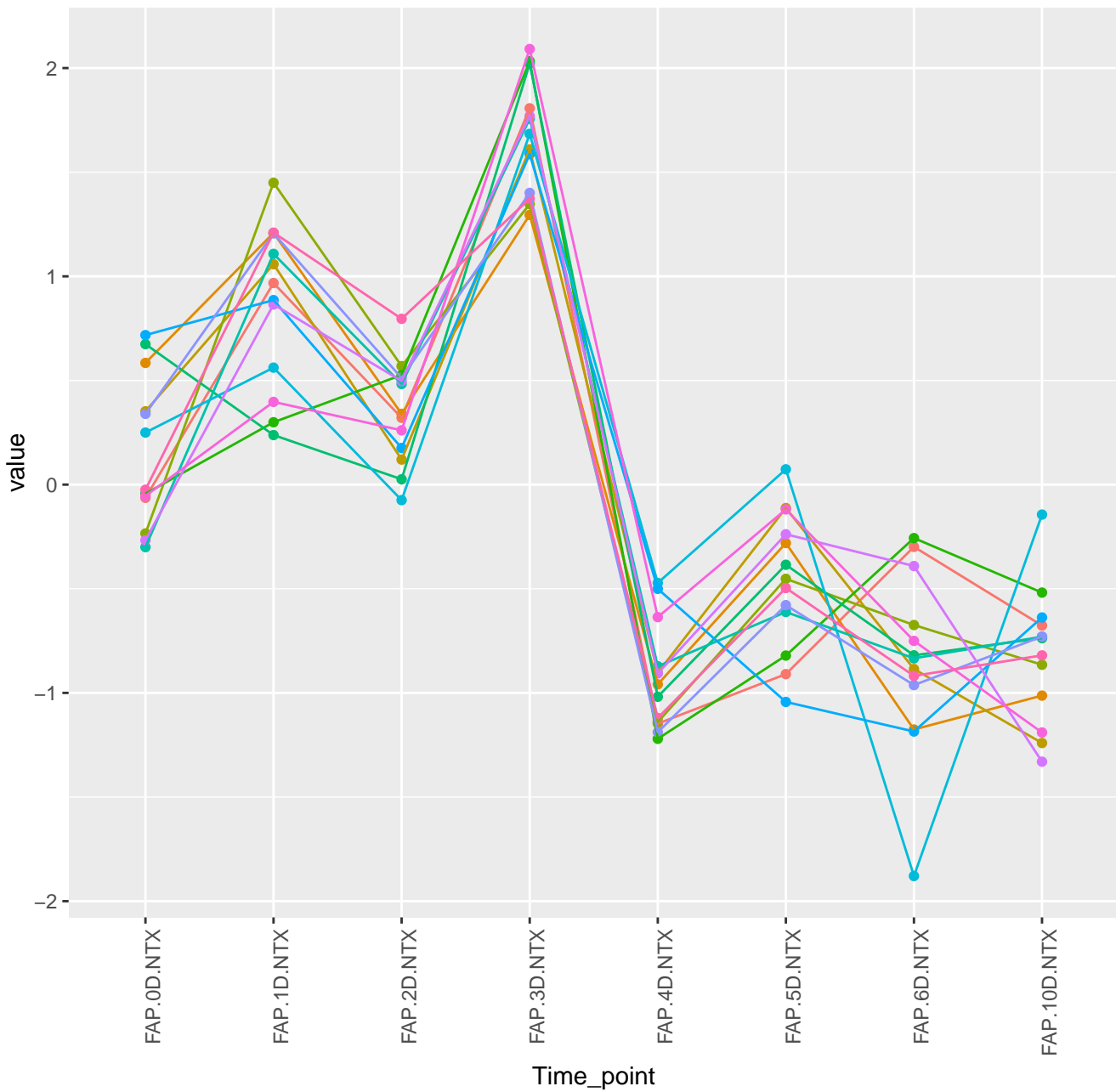
13 genes – cluster 22



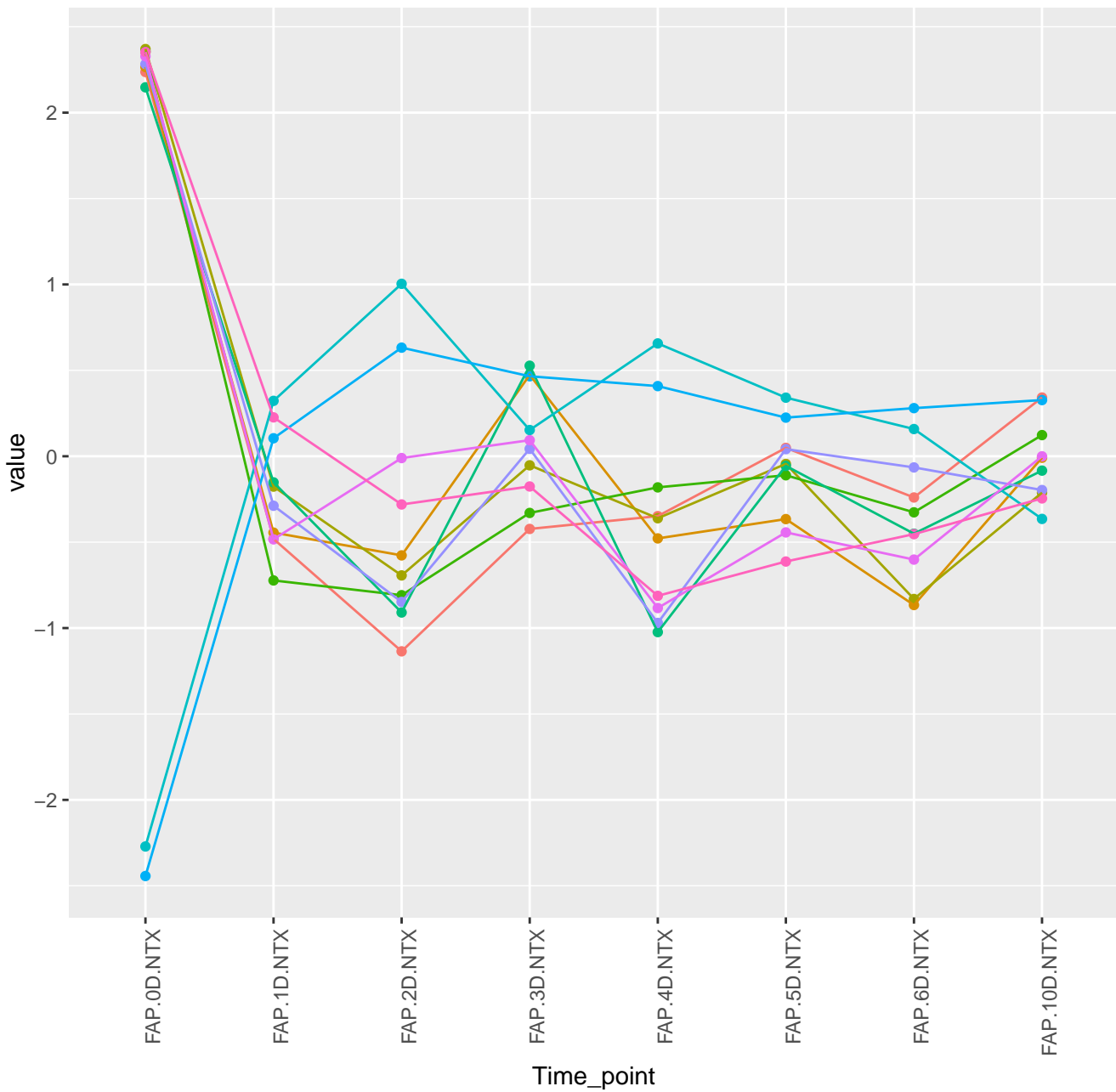
25 genes – cluster 23



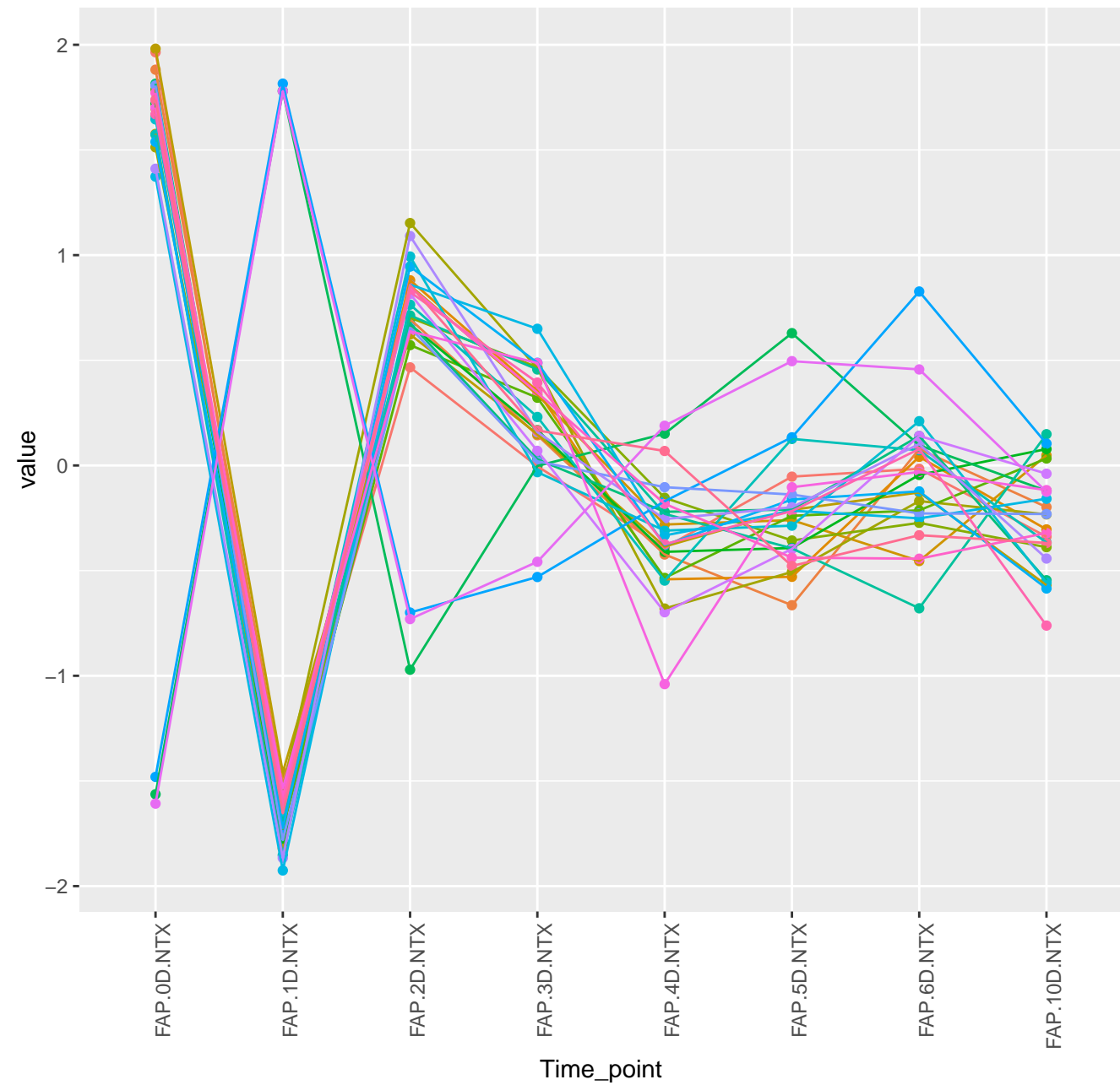
13 genes – cluster 24



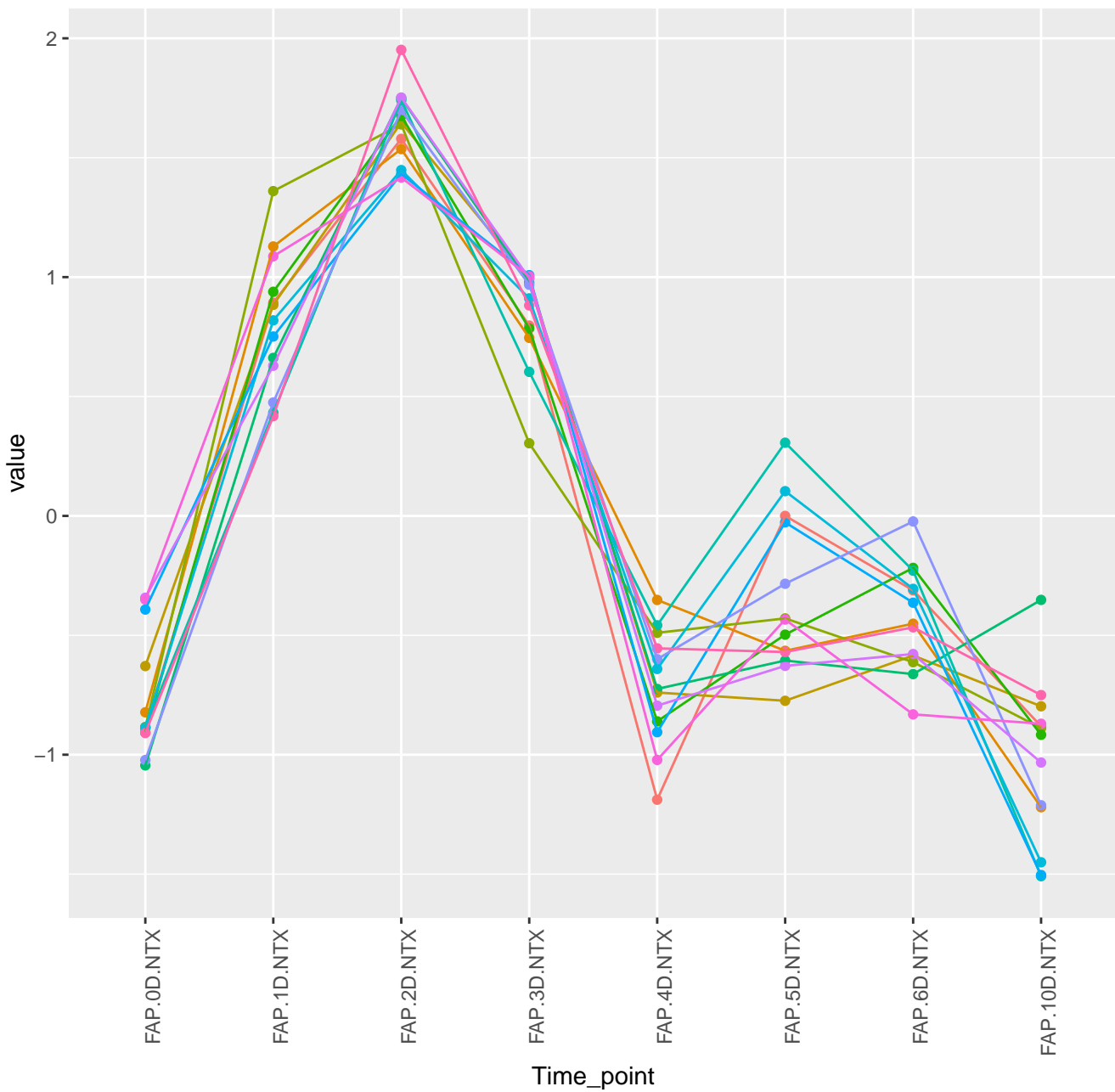
10 genes – cluster 26



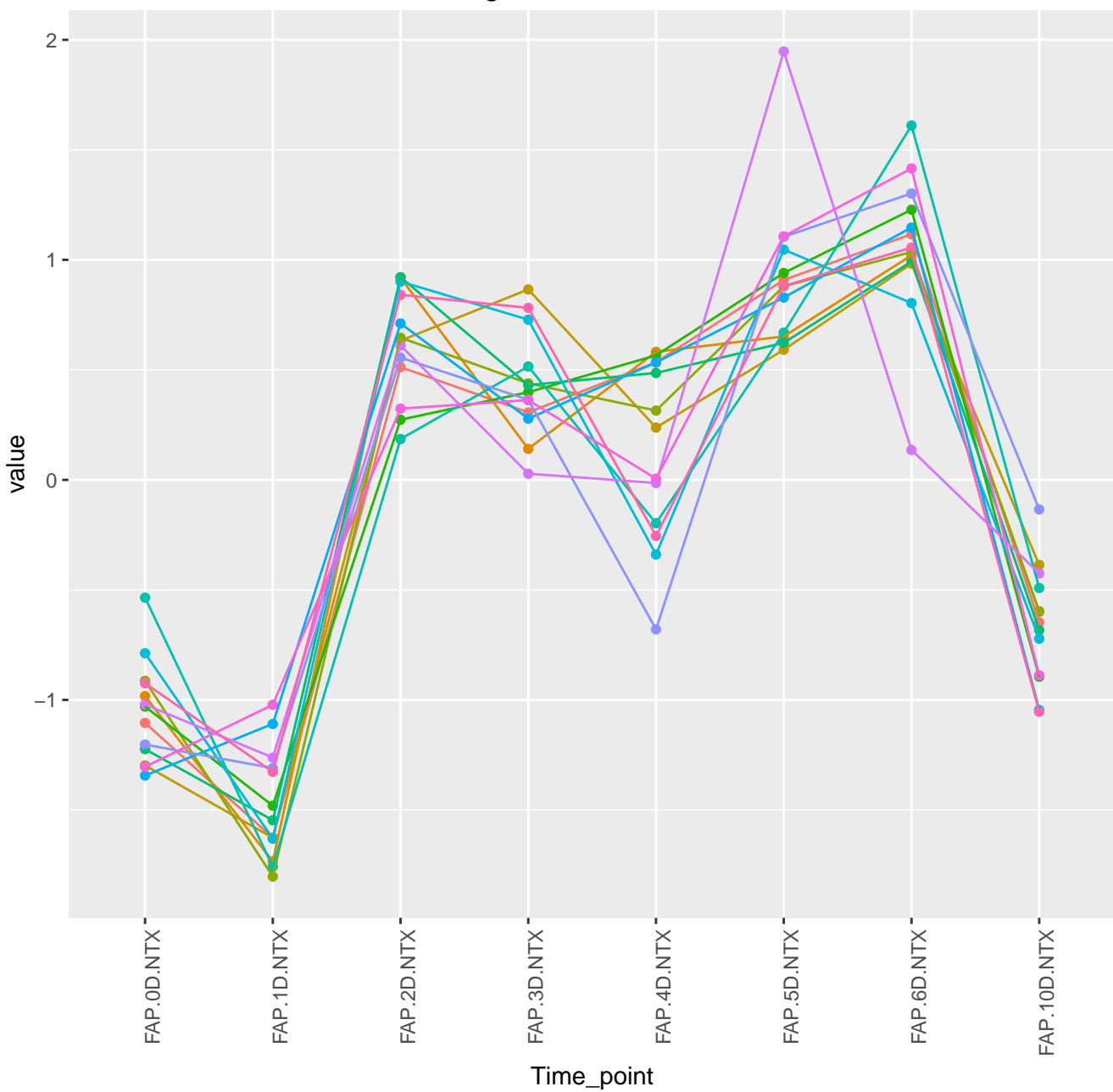
25 genes – cluster 27



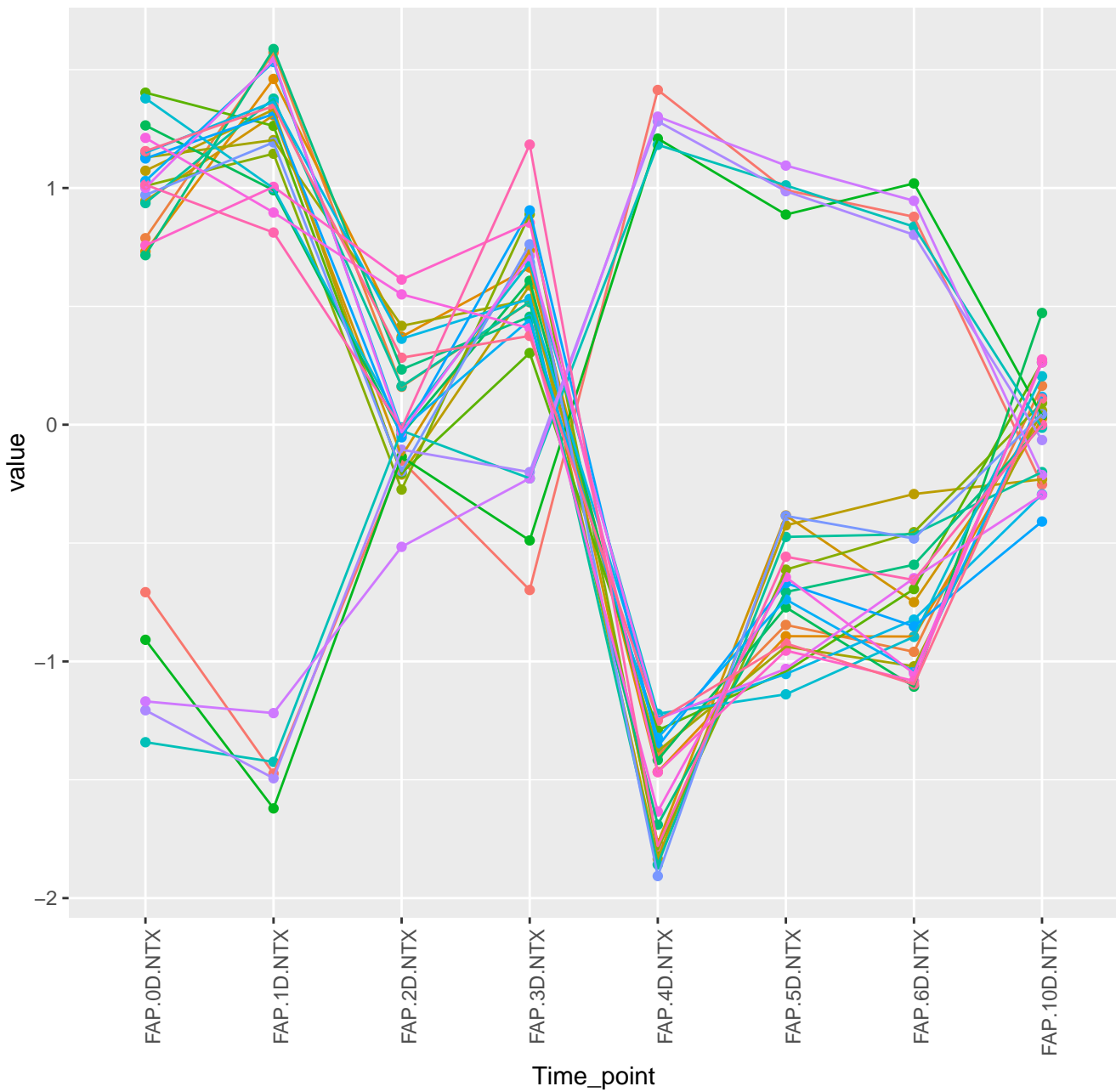
13 genes – cluster 28



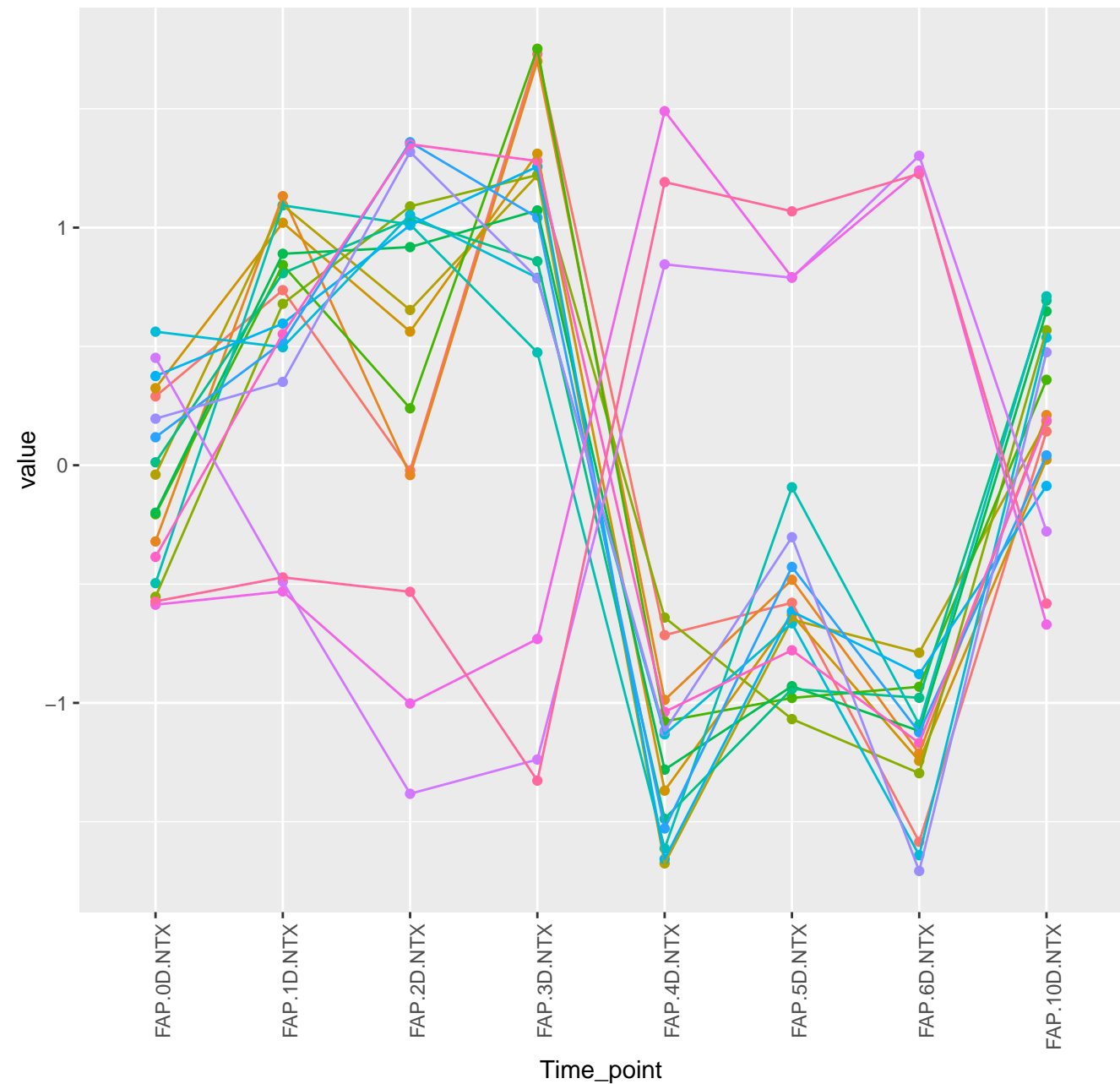
13 genes – cluster 29



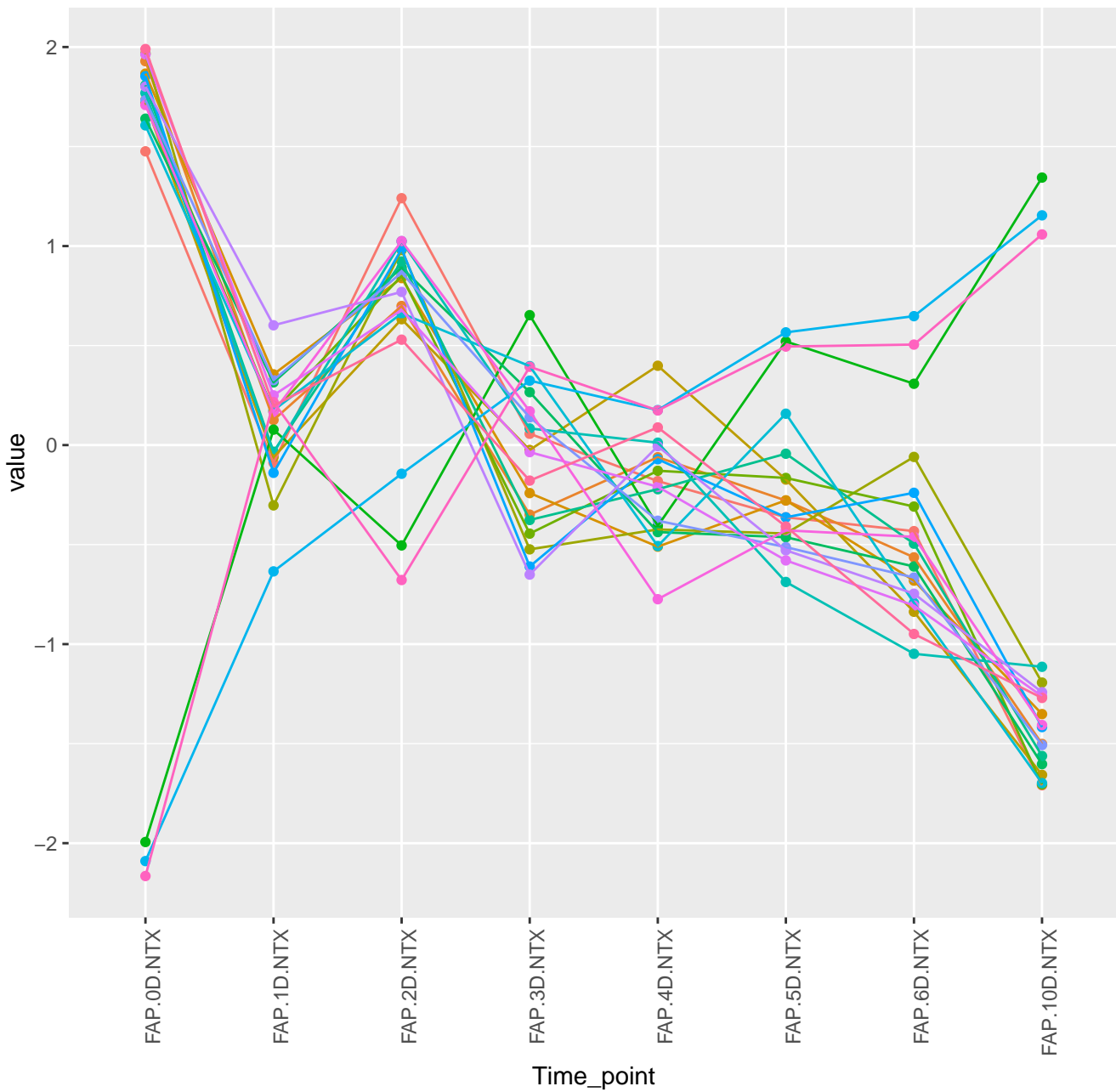
25 genes – cluster 30



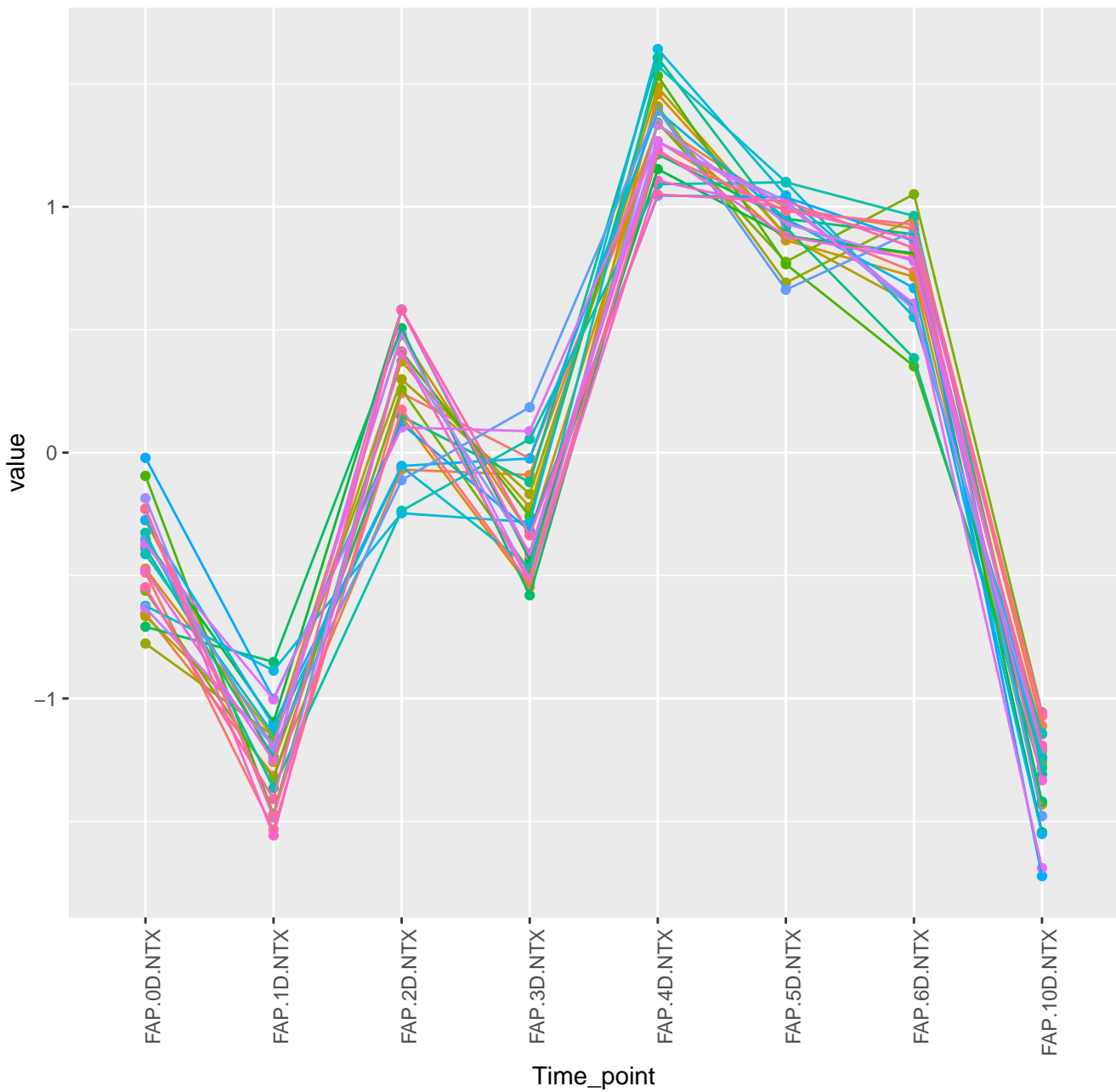
17 genes – cluster 31



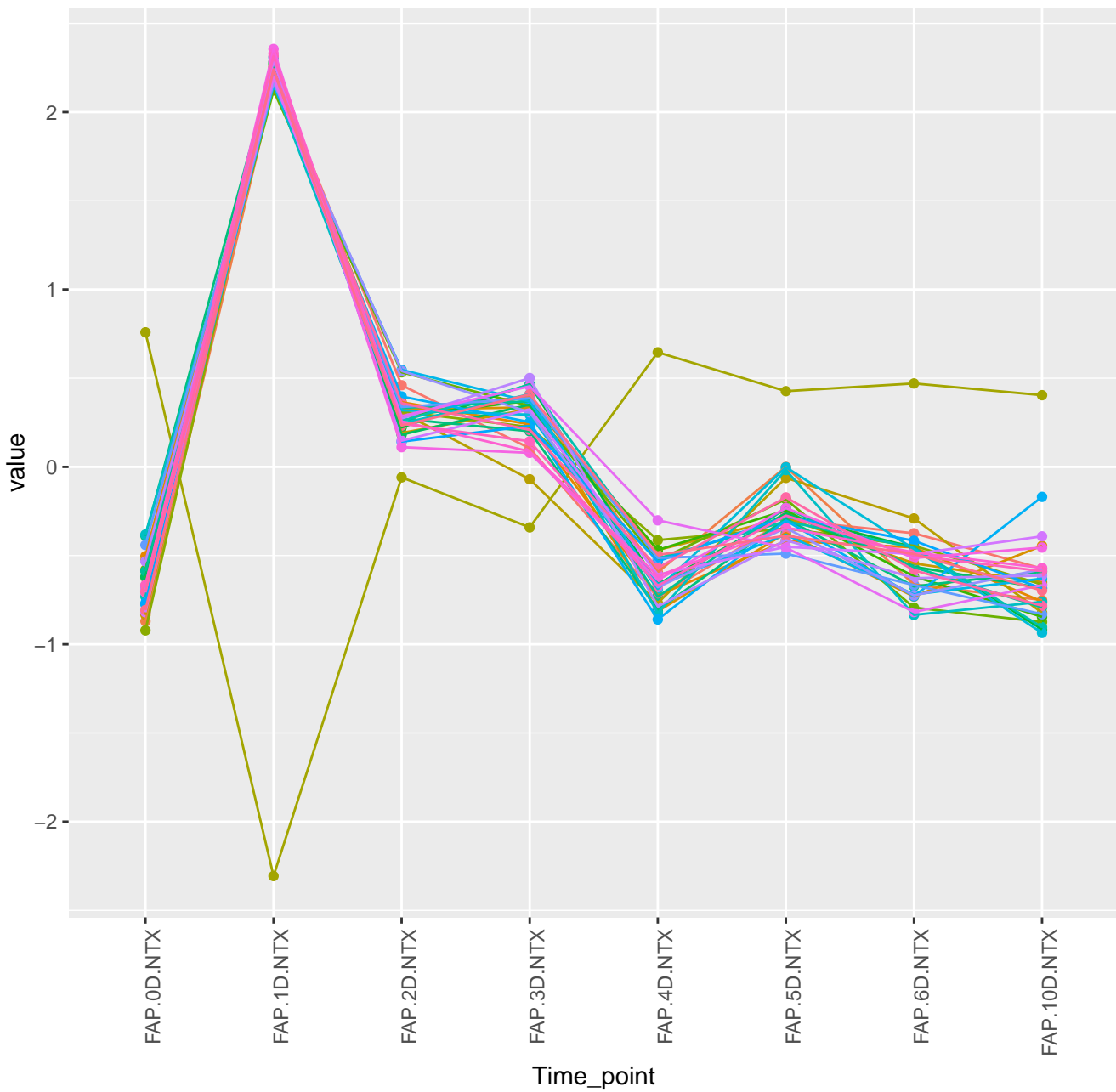
19 genes – cluster 32



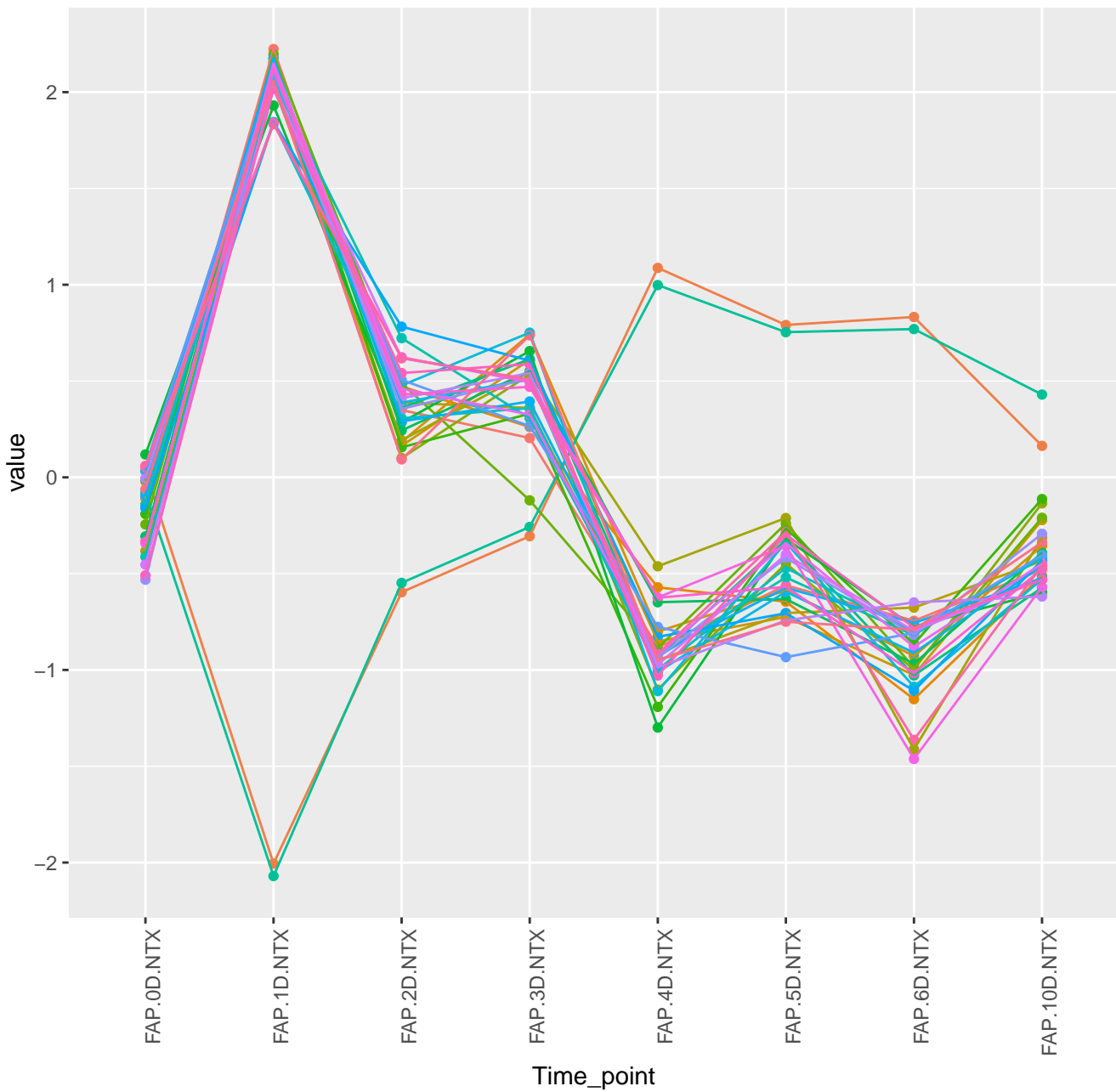
24 genes – cluster 33



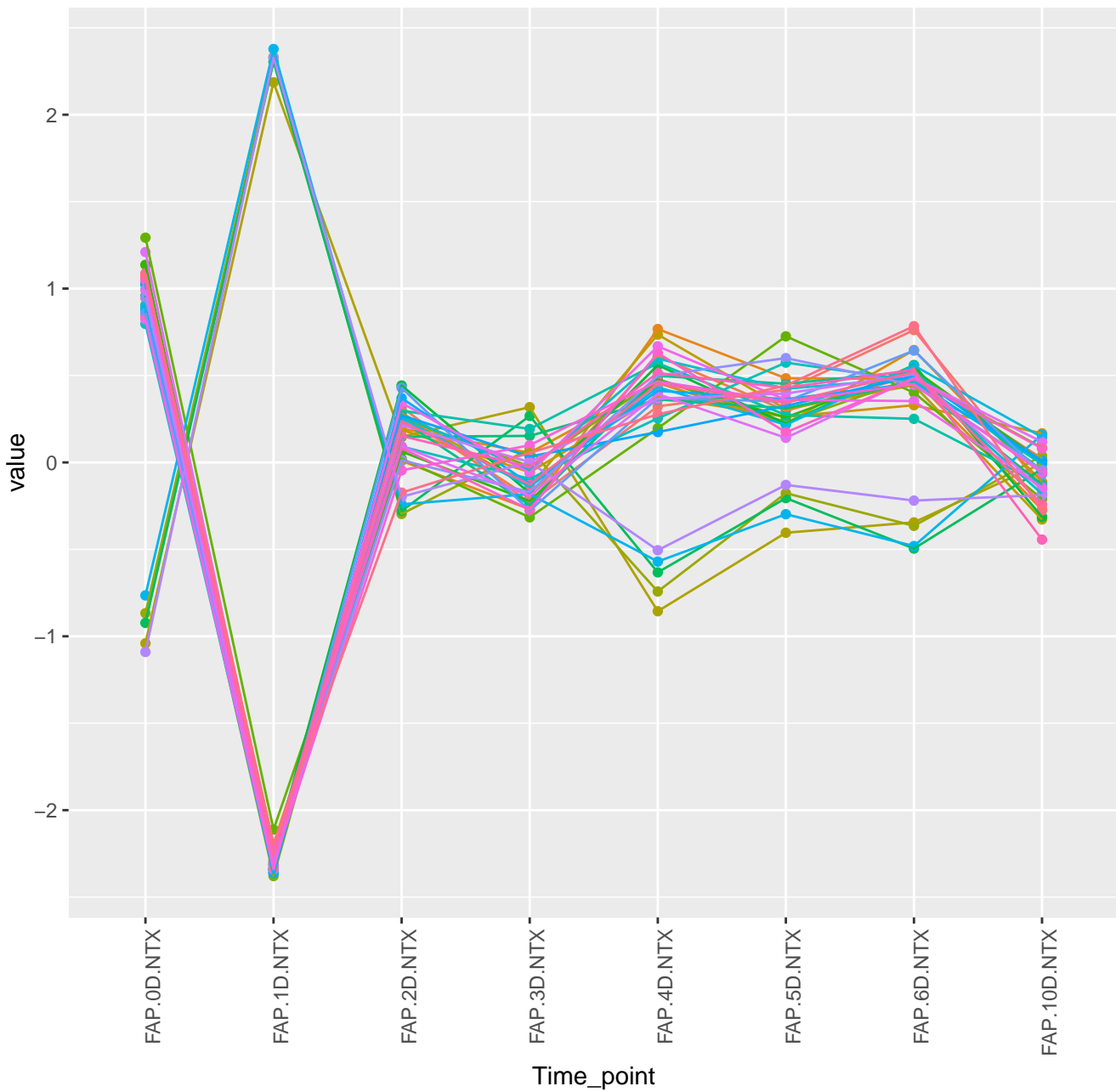
30 genes – cluster 34



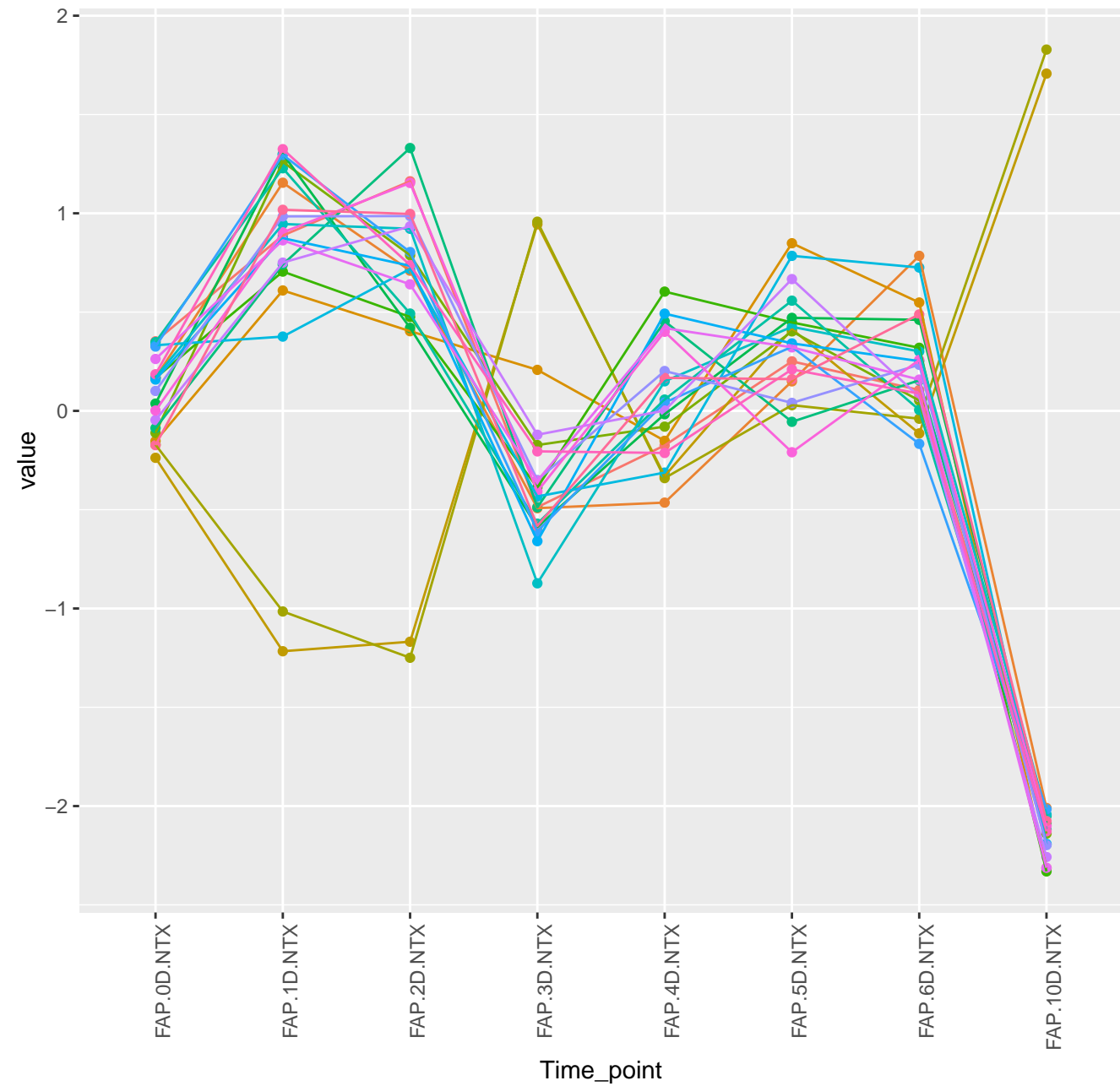
30 genes – cluster 35



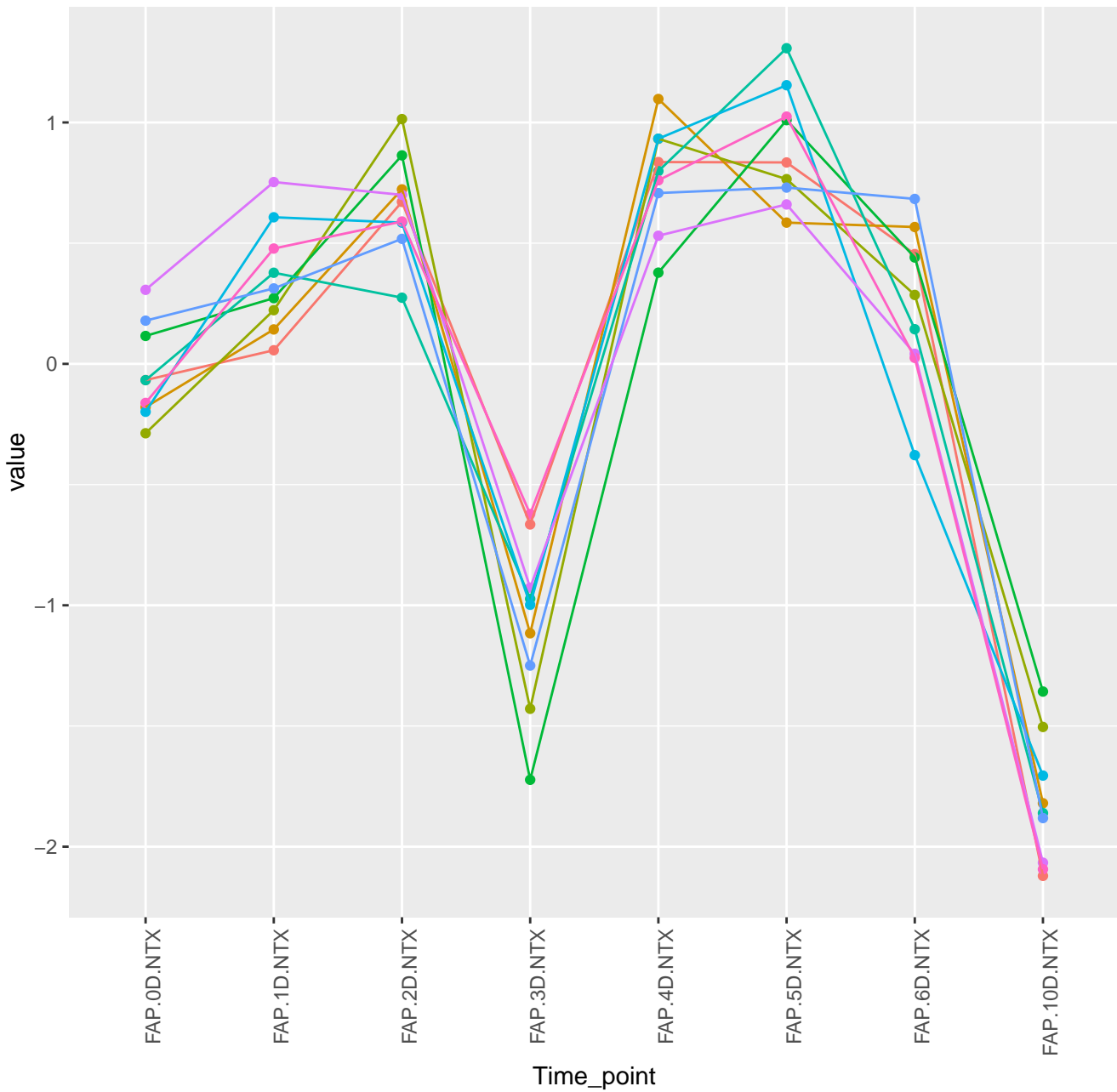
33 genes – cluster 36



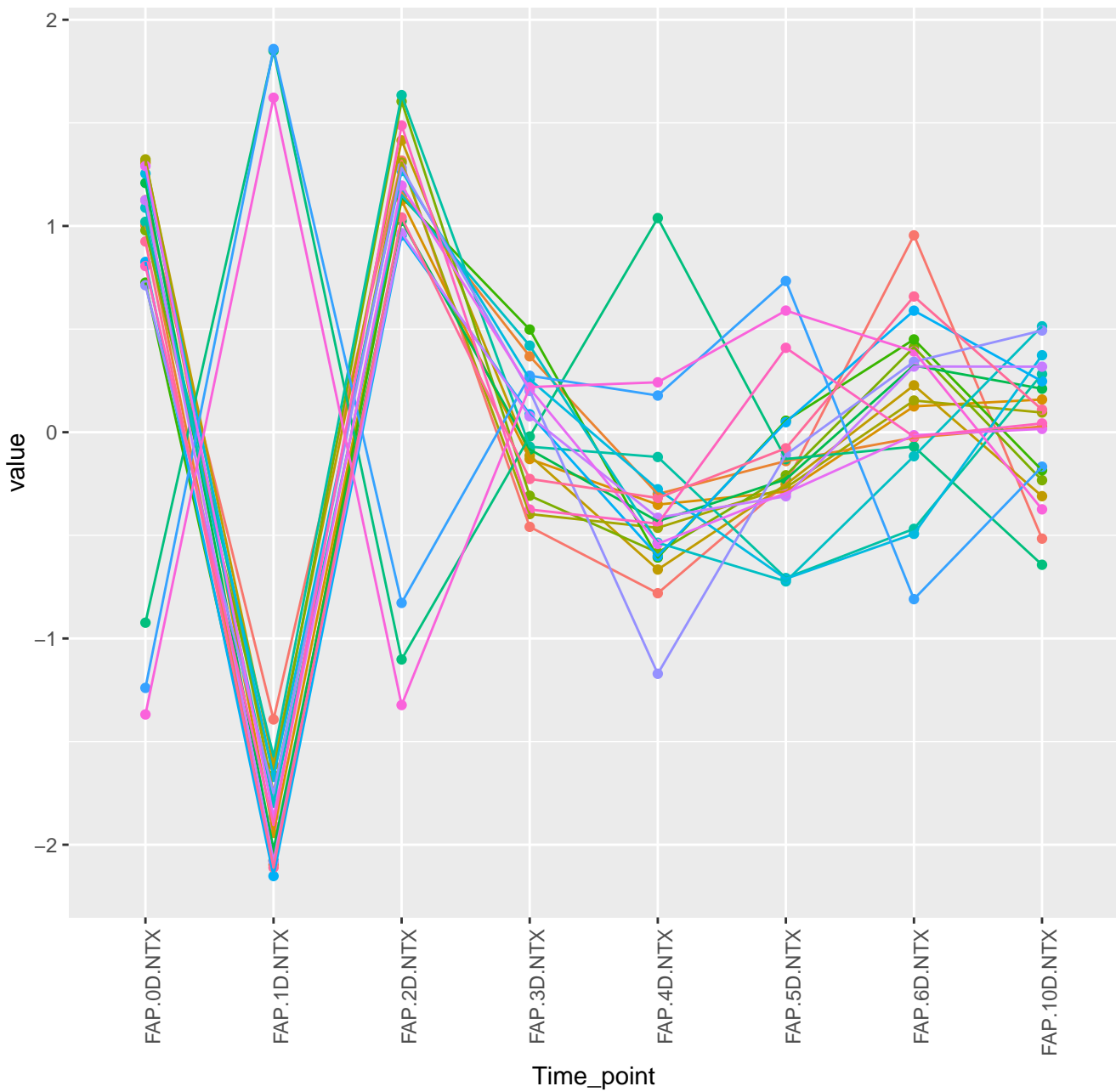
20 genes – cluster 37



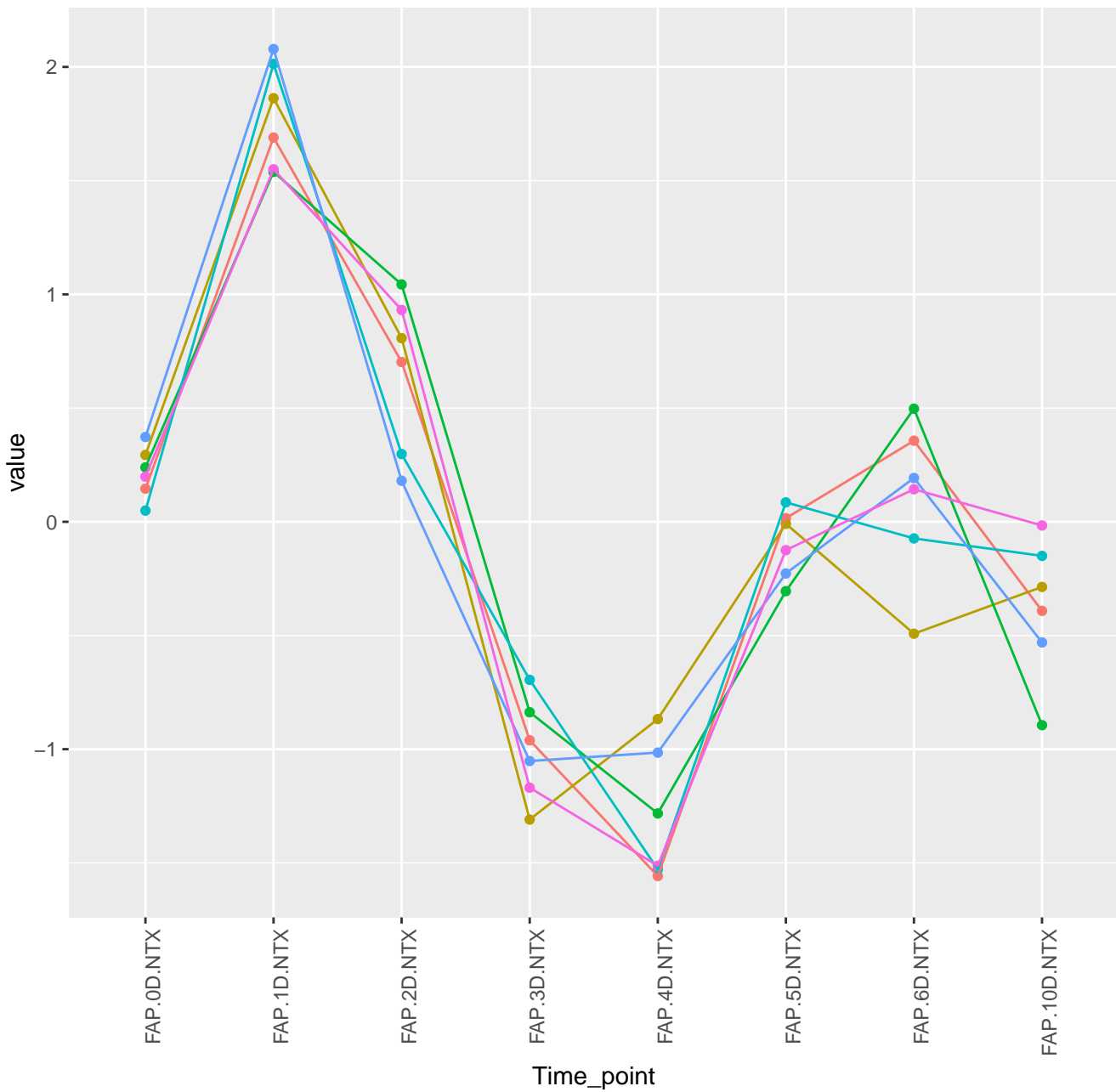
9 genes – cluster 38



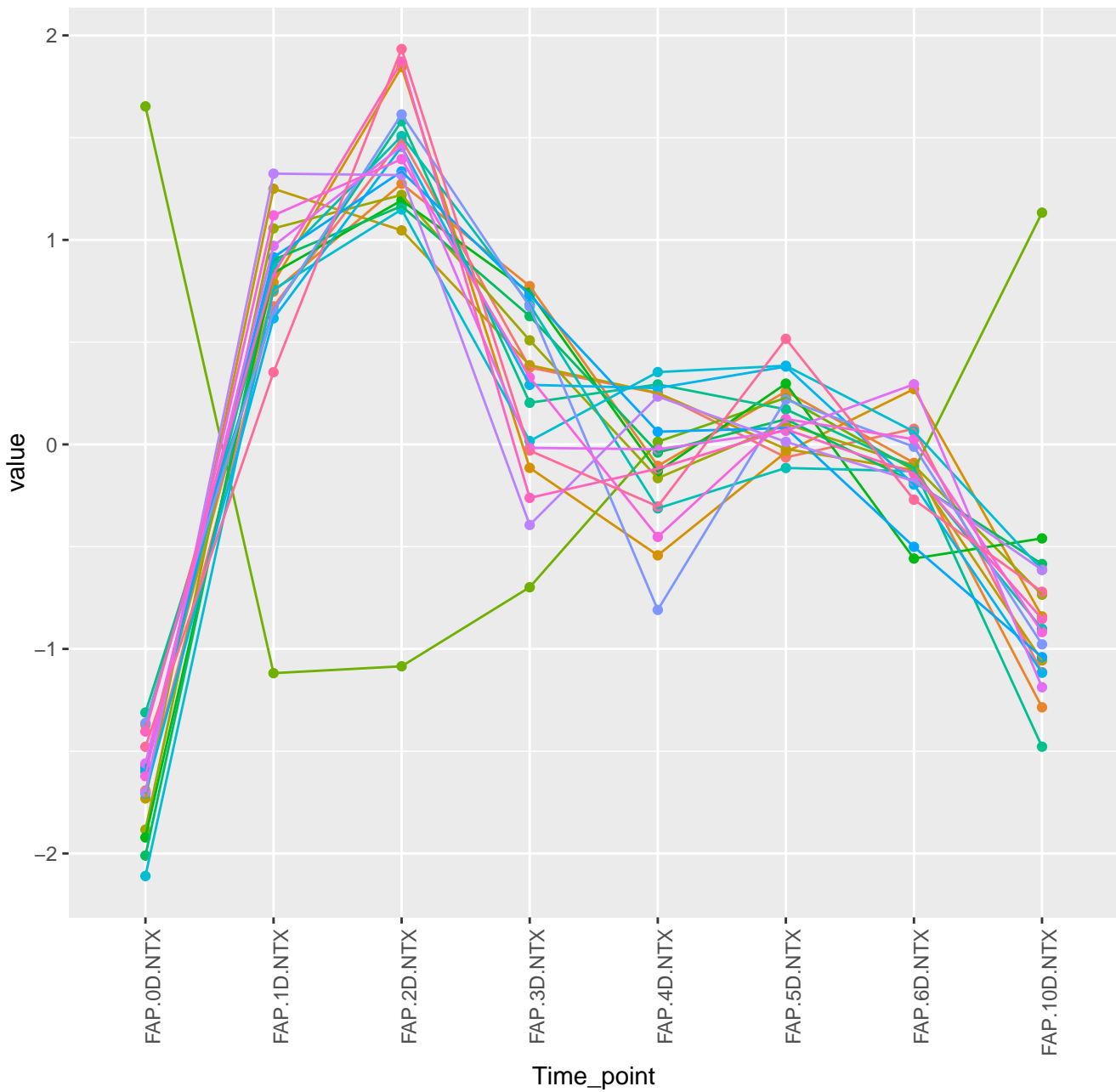
20 genes – cluster 39



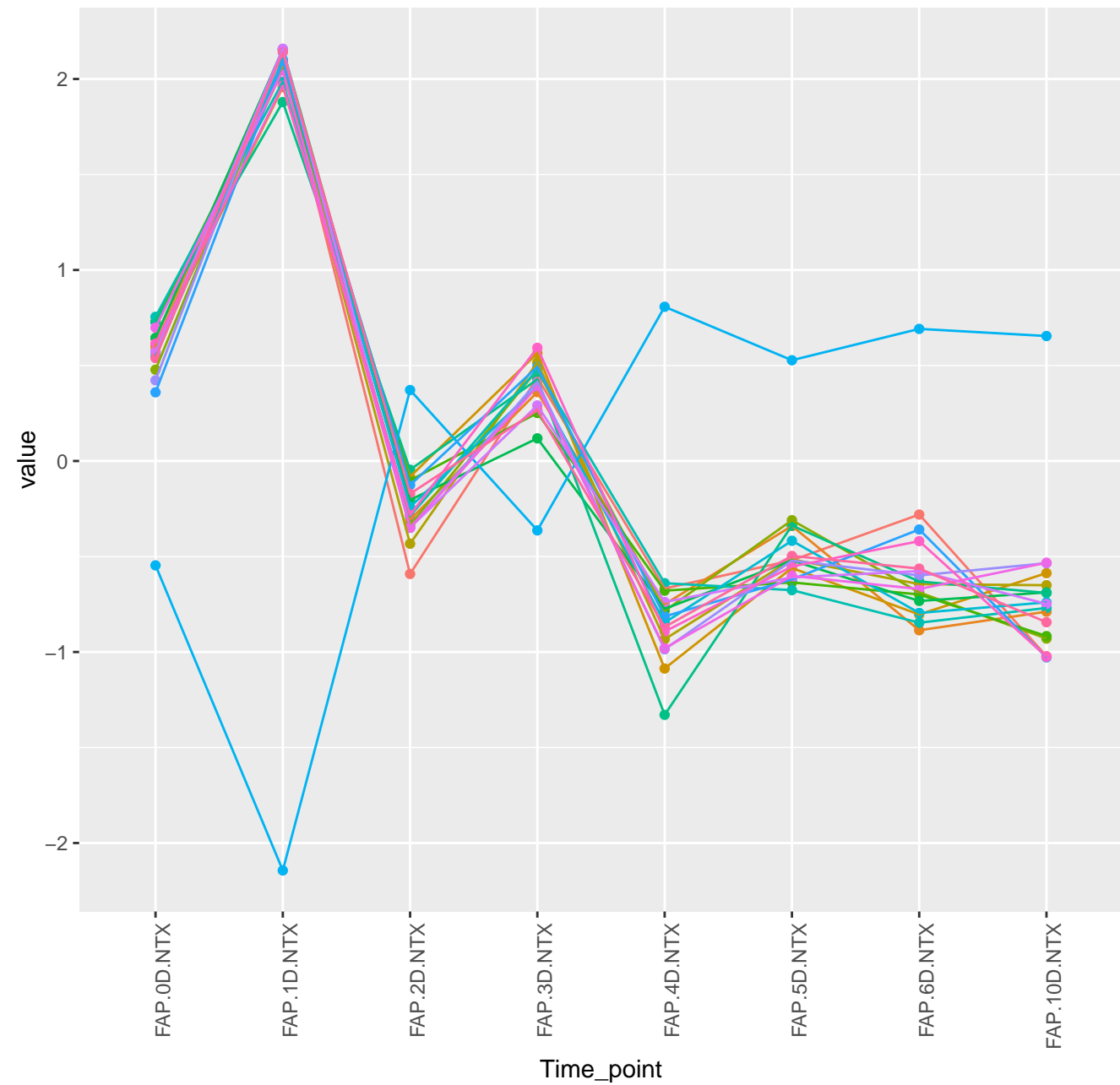
6 genes – cluster 40



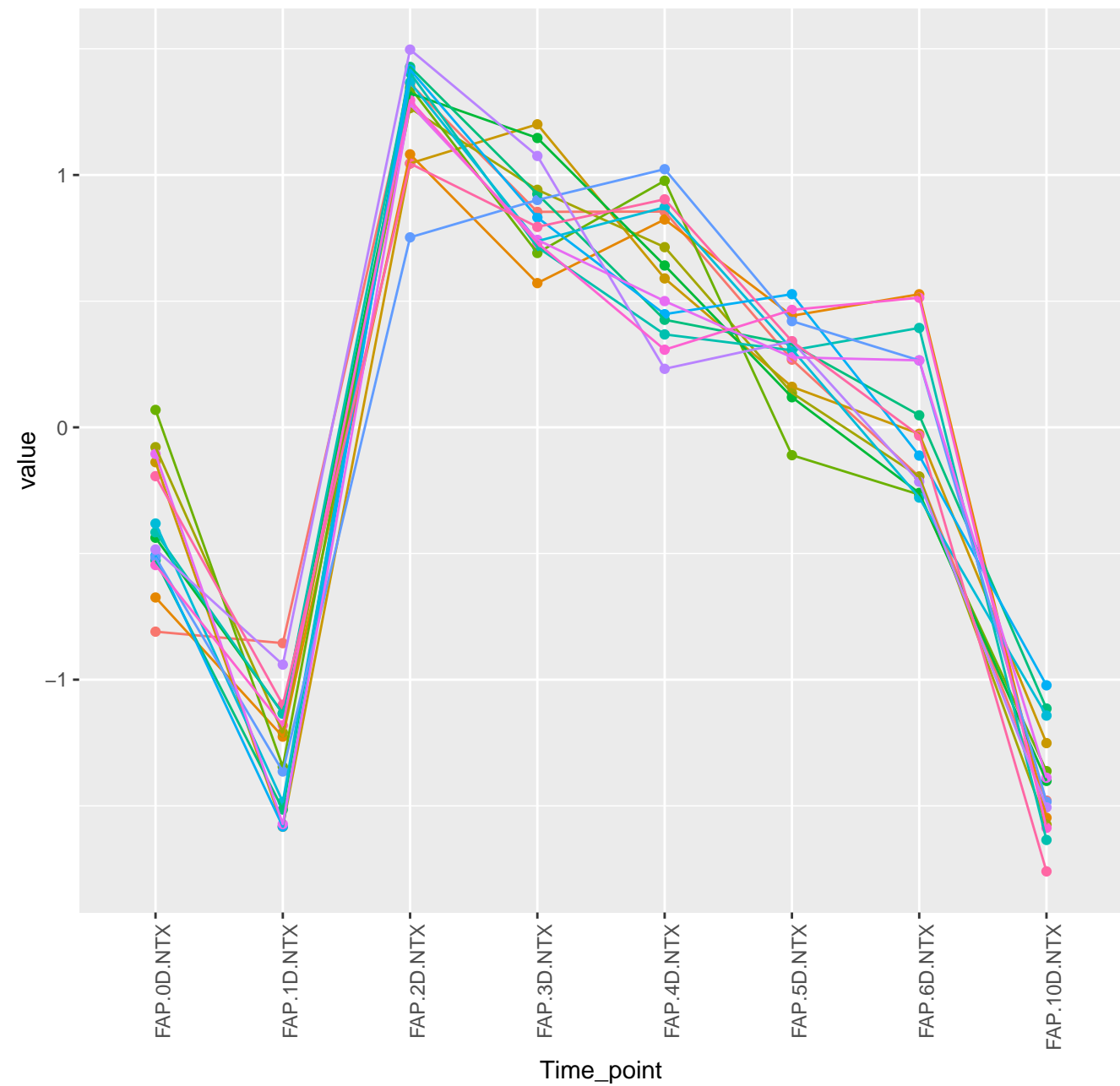
19 genes – cluster 41



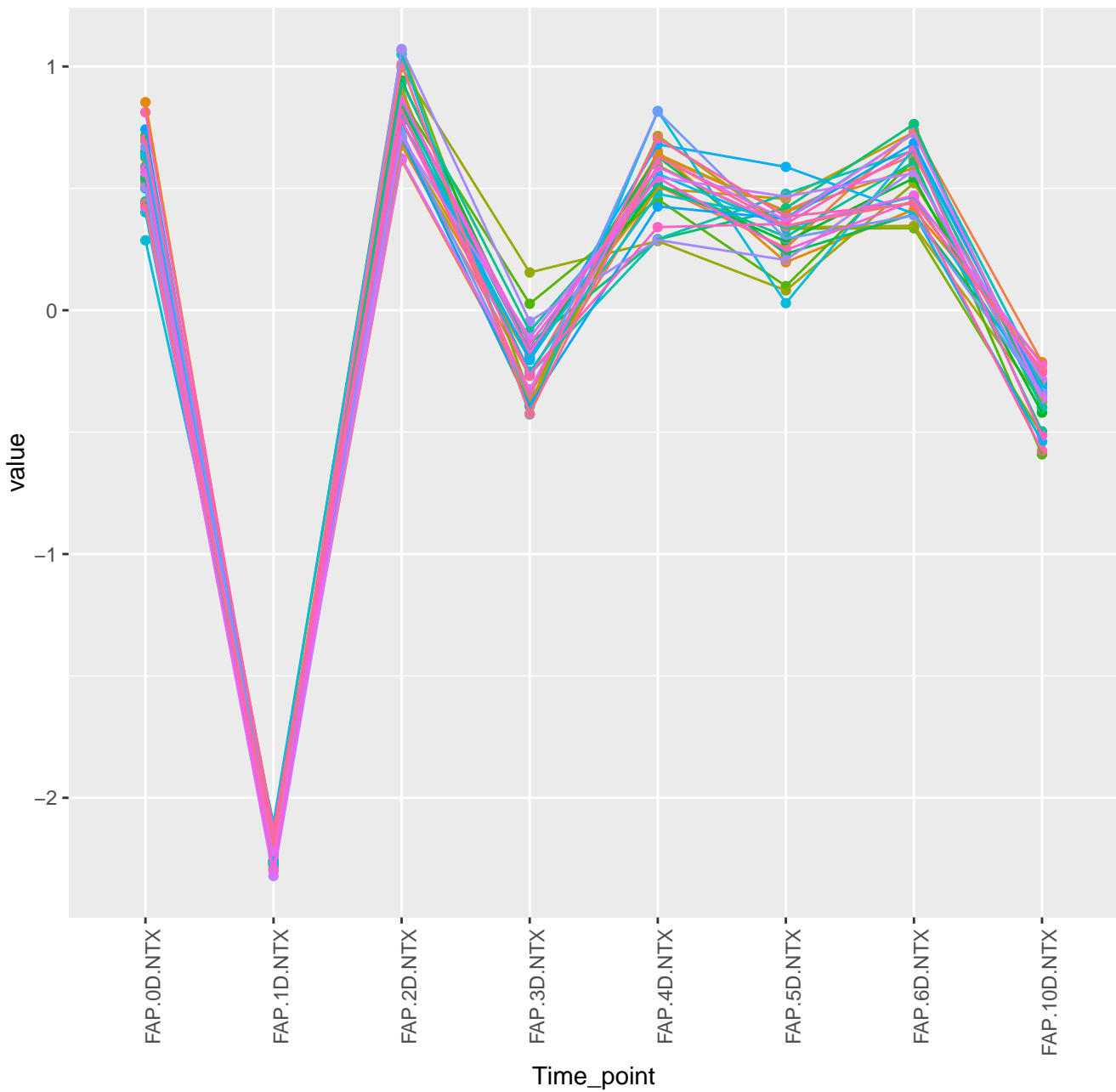
17 genes – cluster 42



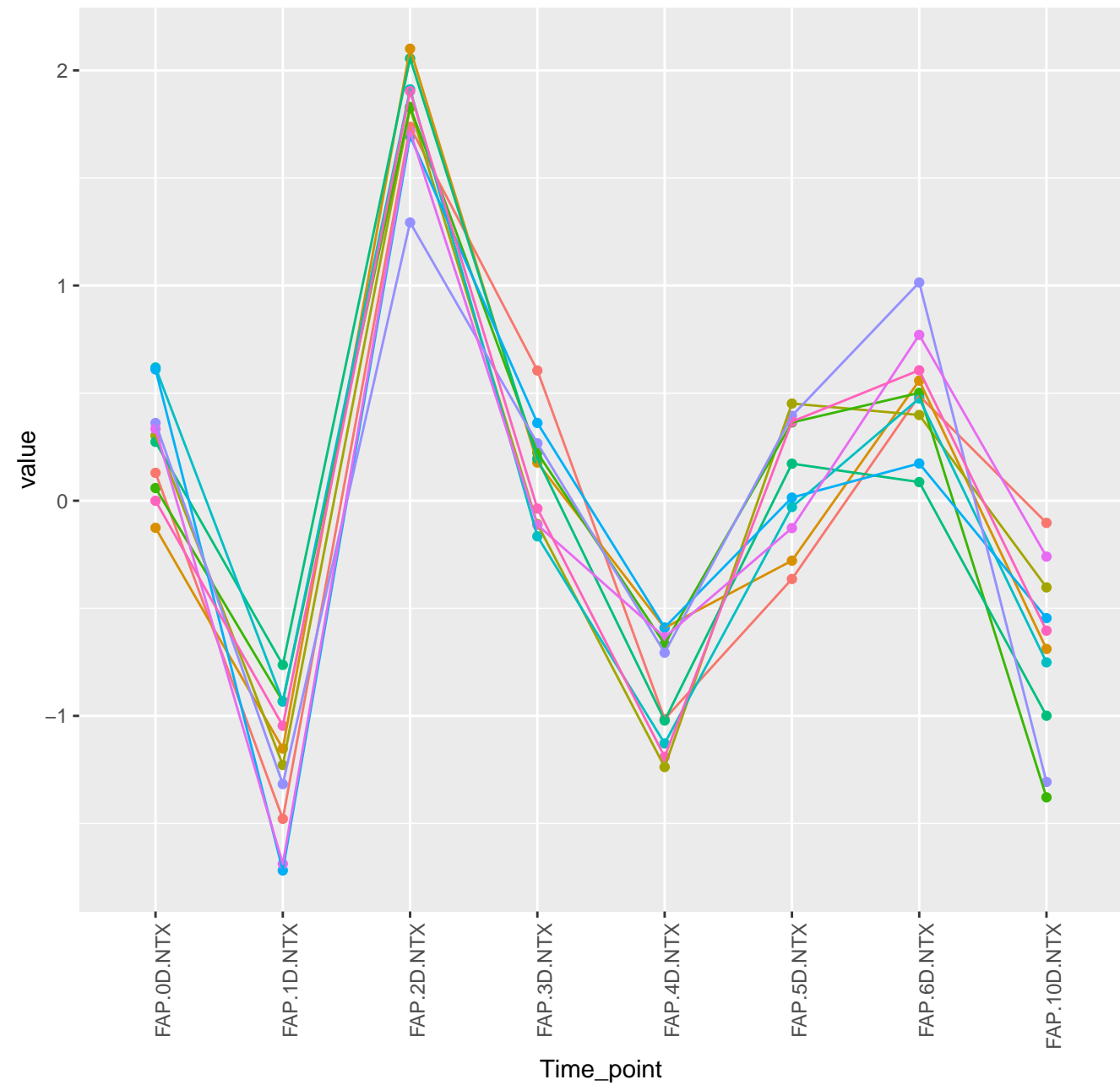
15 genes – cluster 43



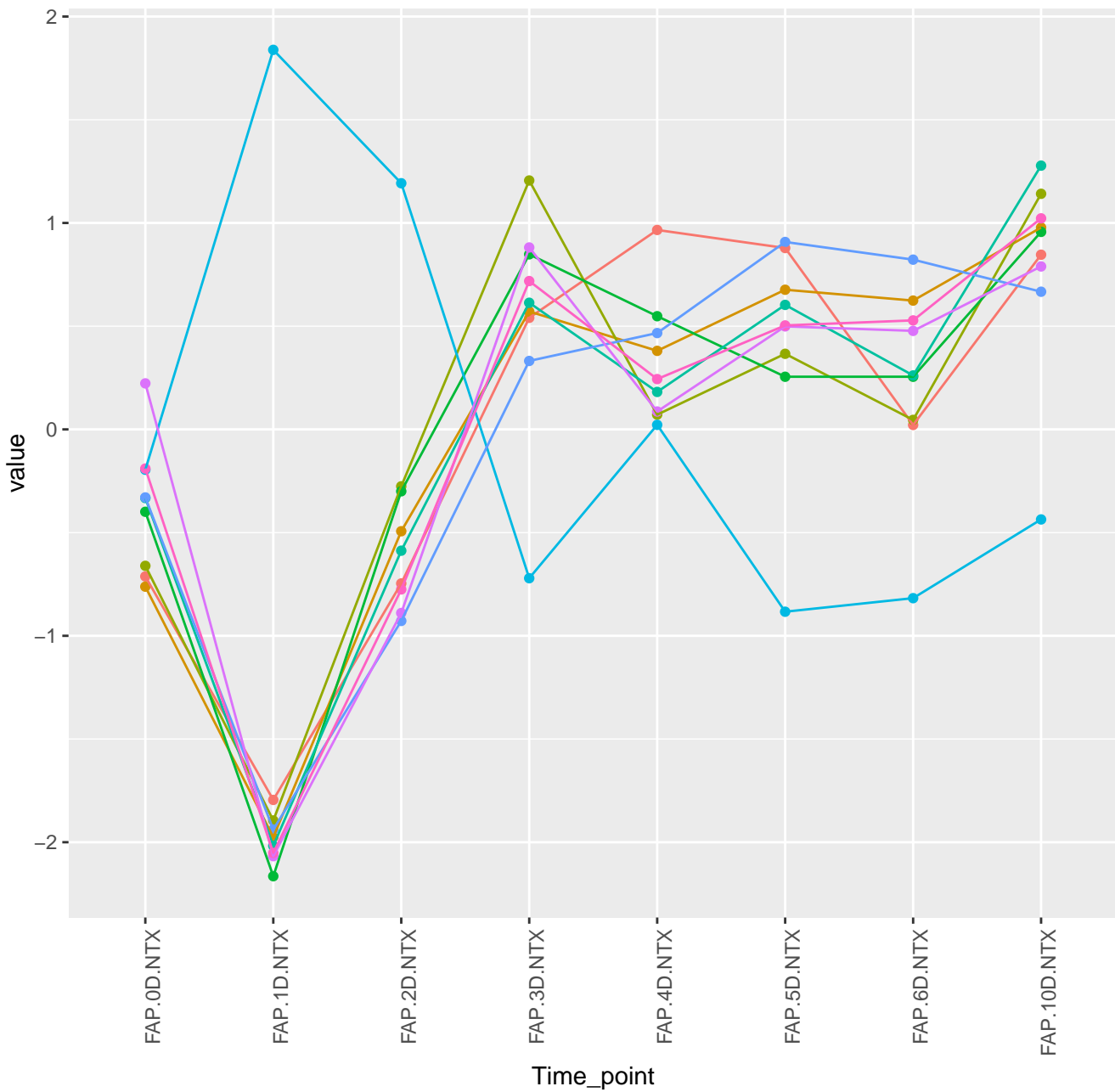
28 genes – cluster 44



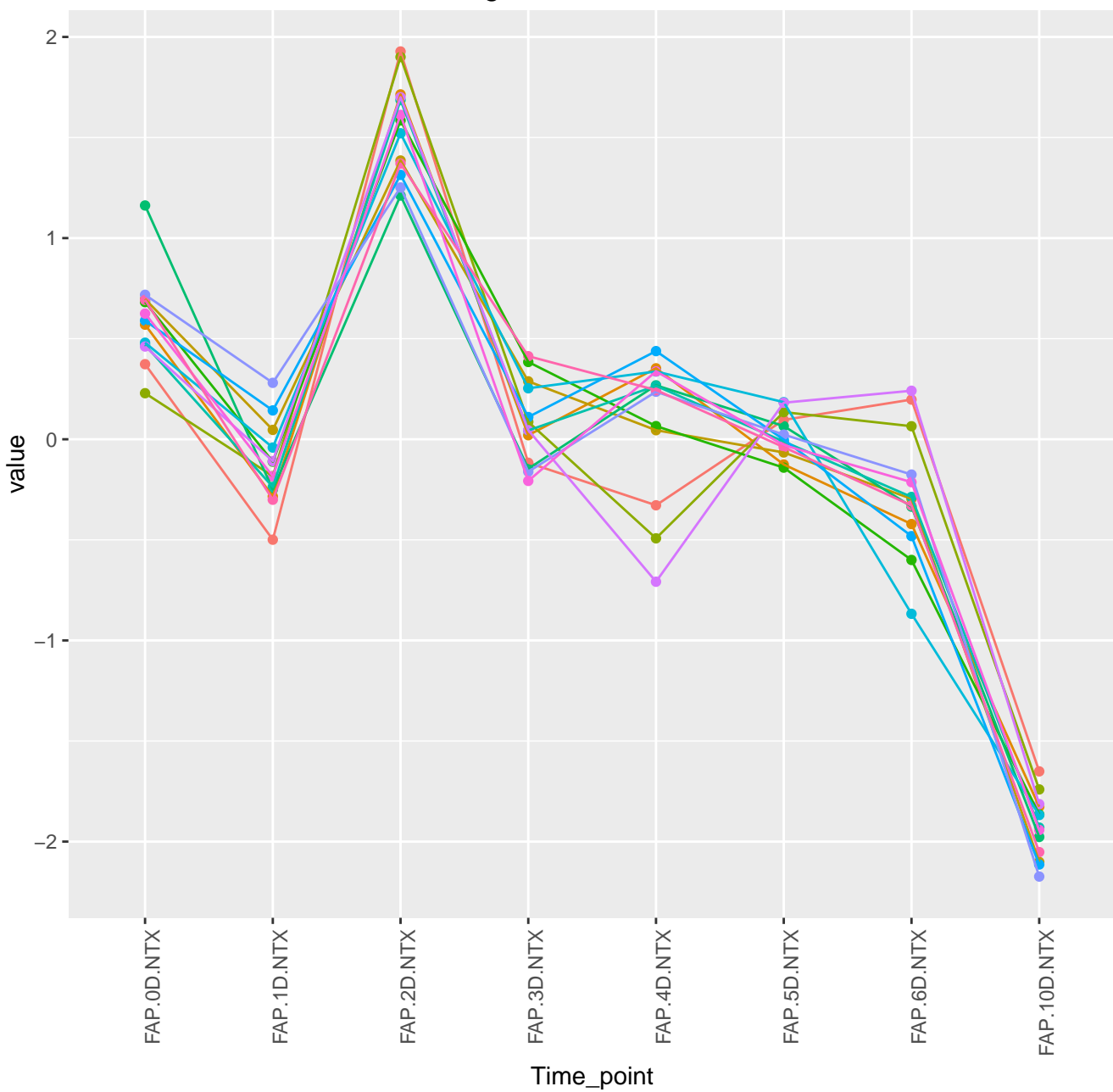
10 genes – cluster 45



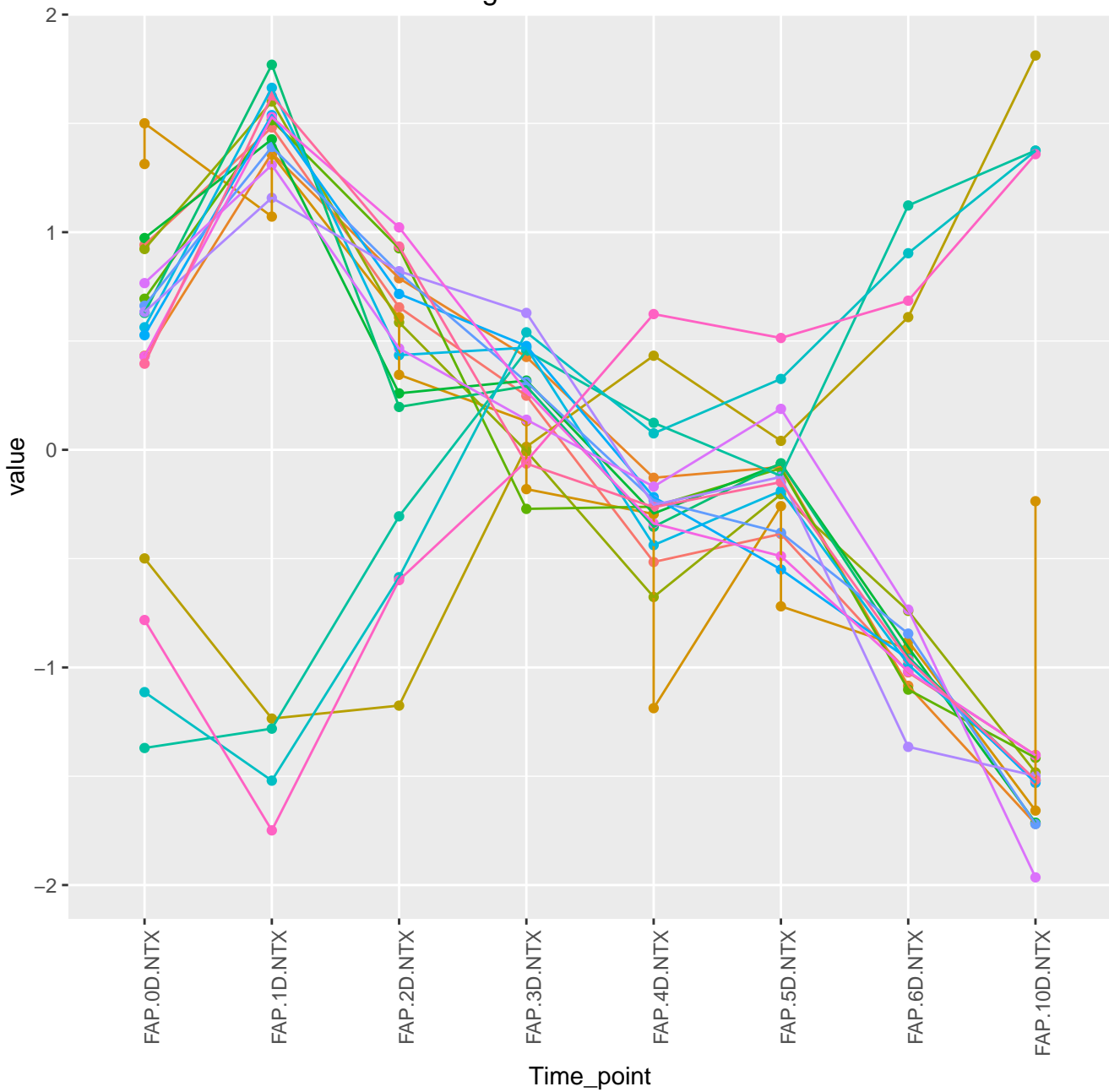
9 genes – cluster 46



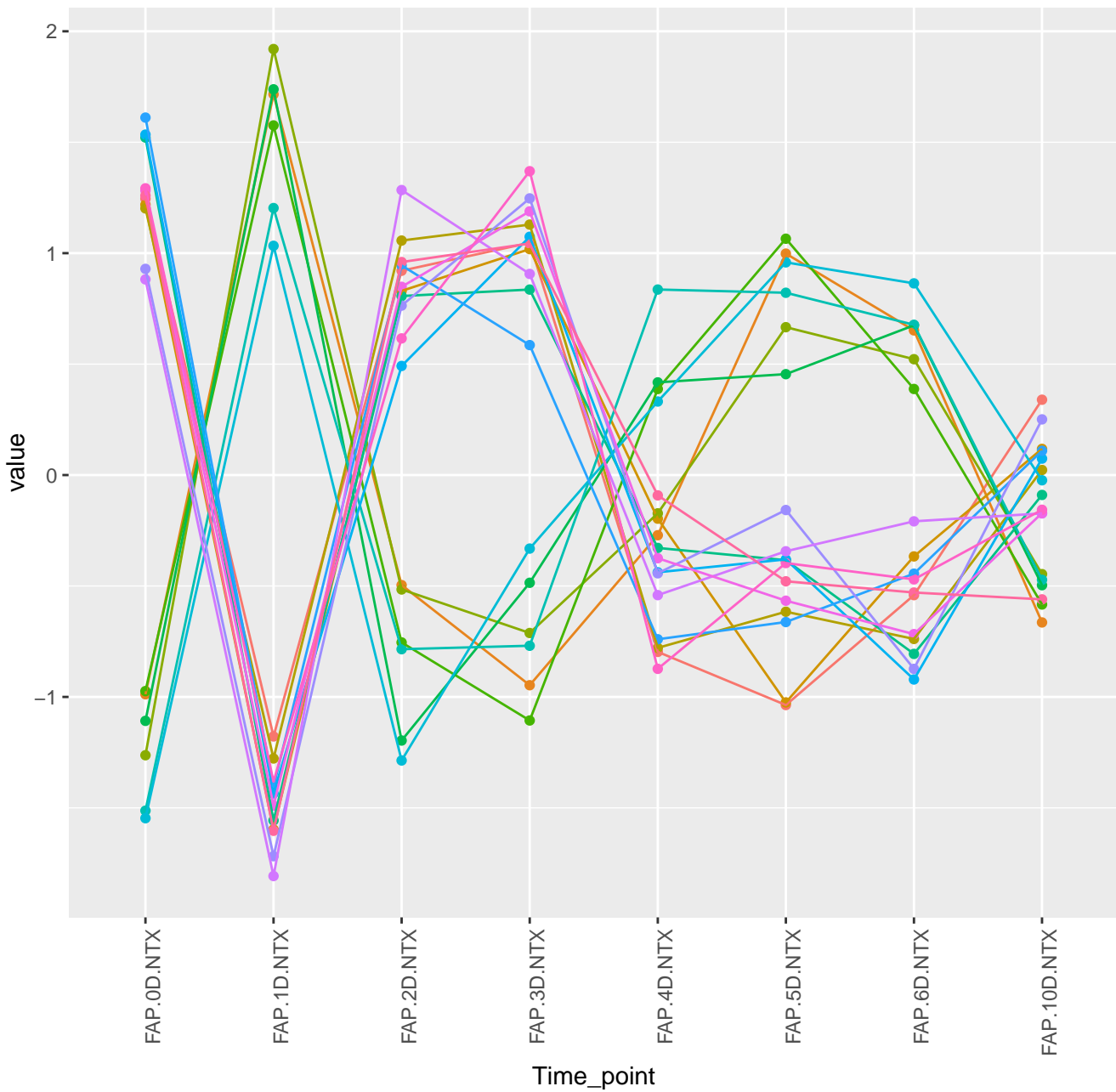
13 genes – cluster 47



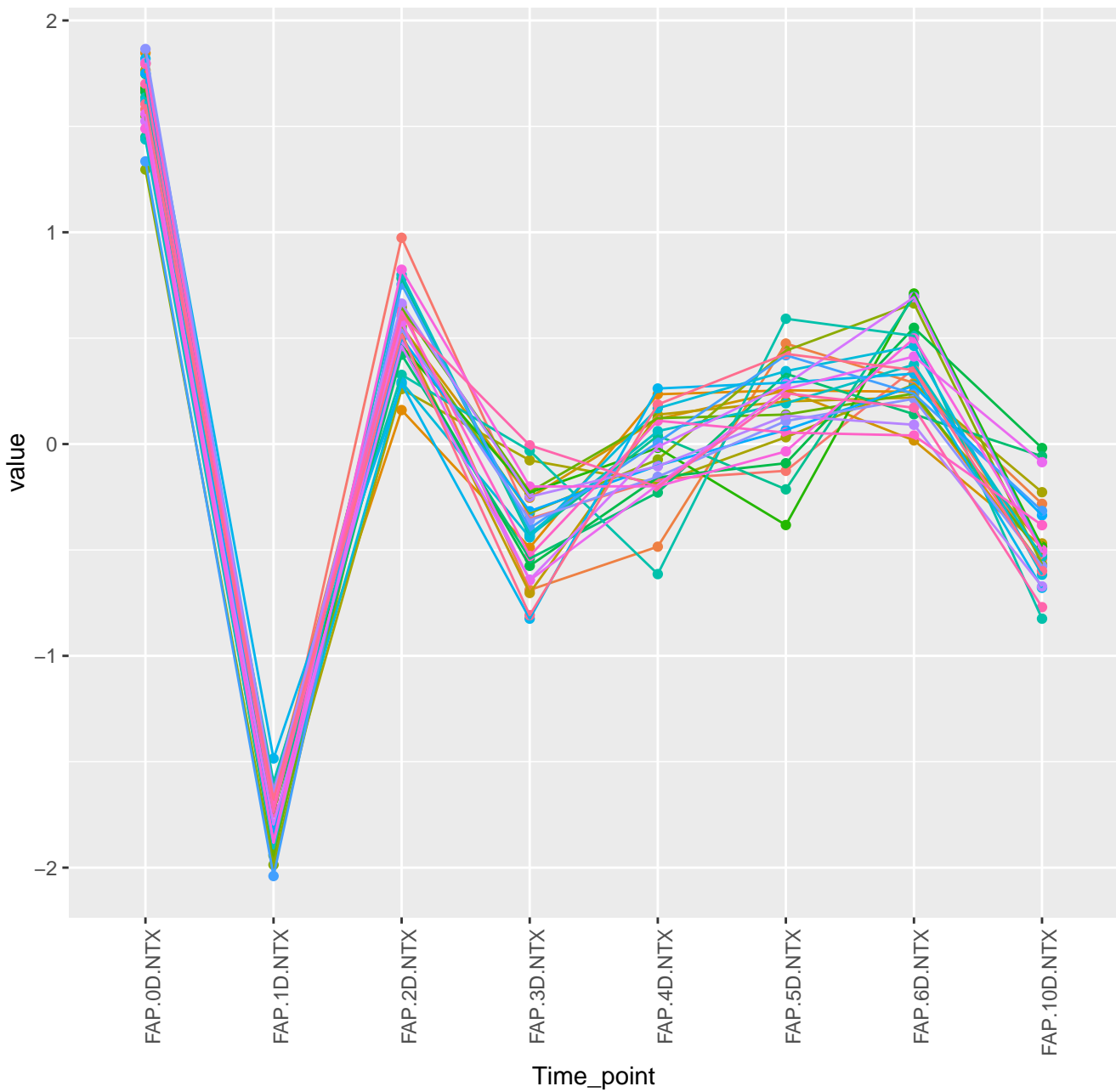
19 genes – cluster 48



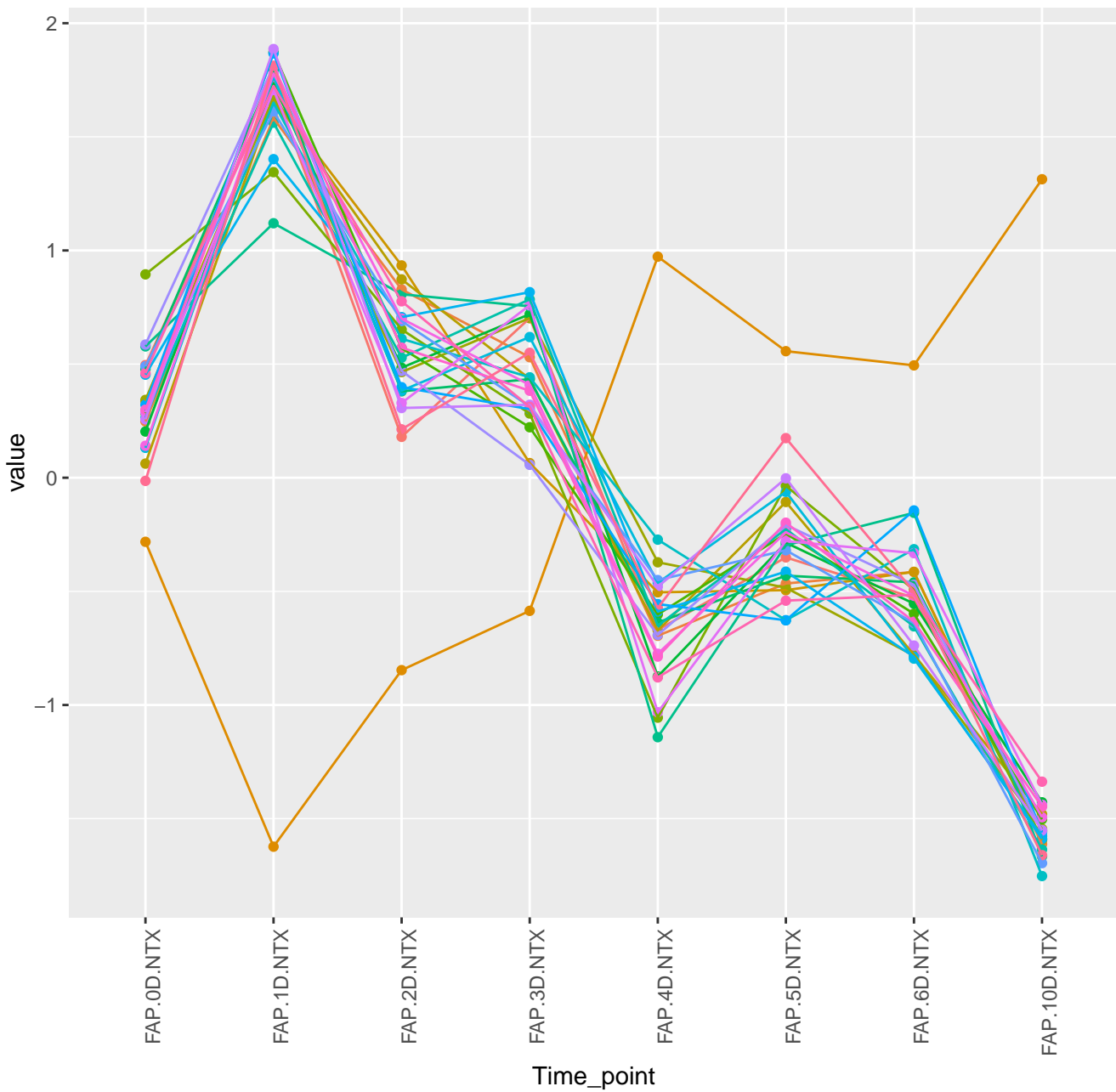
17 genes – cluster 49



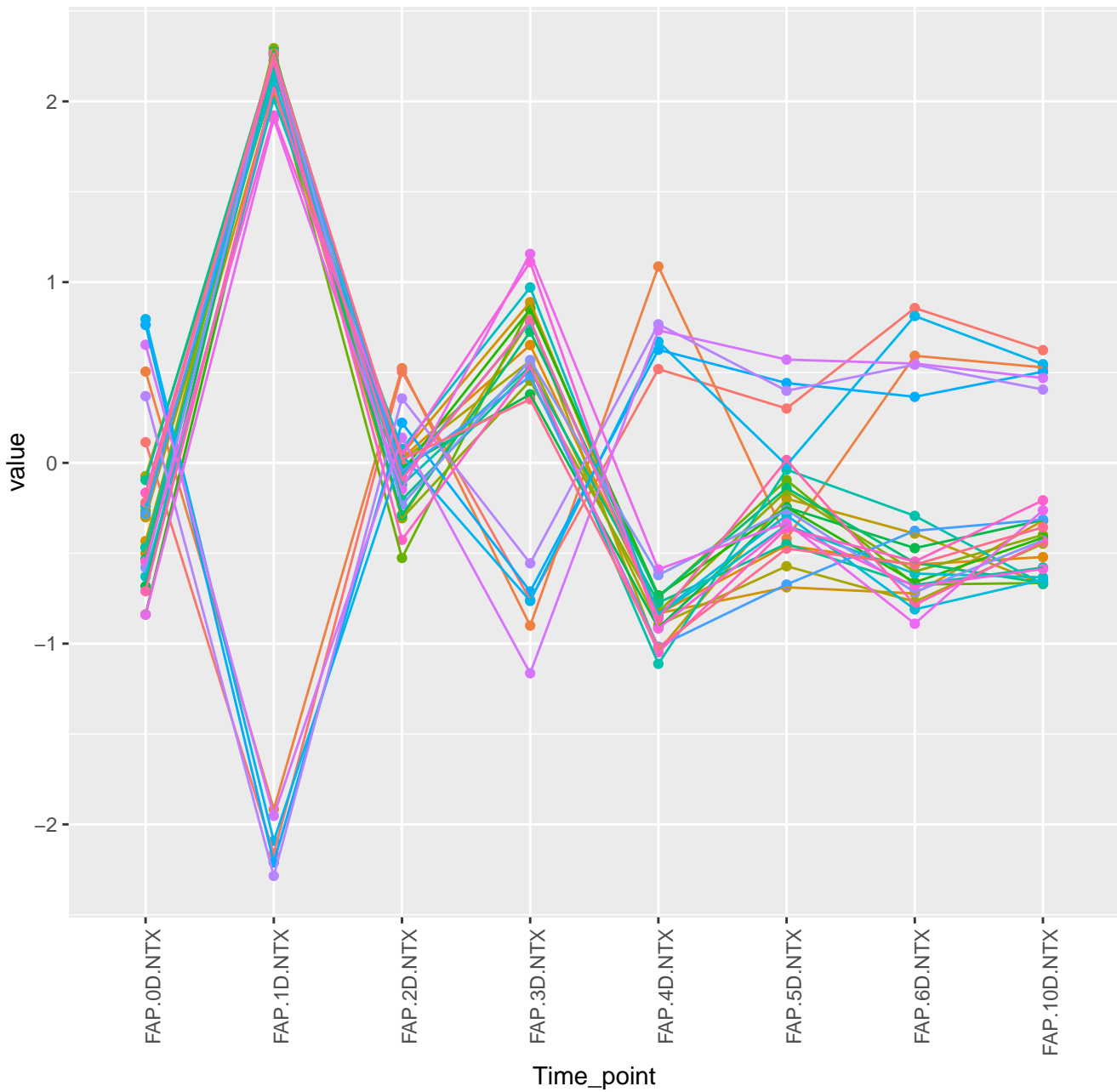
26 genes – cluster 50



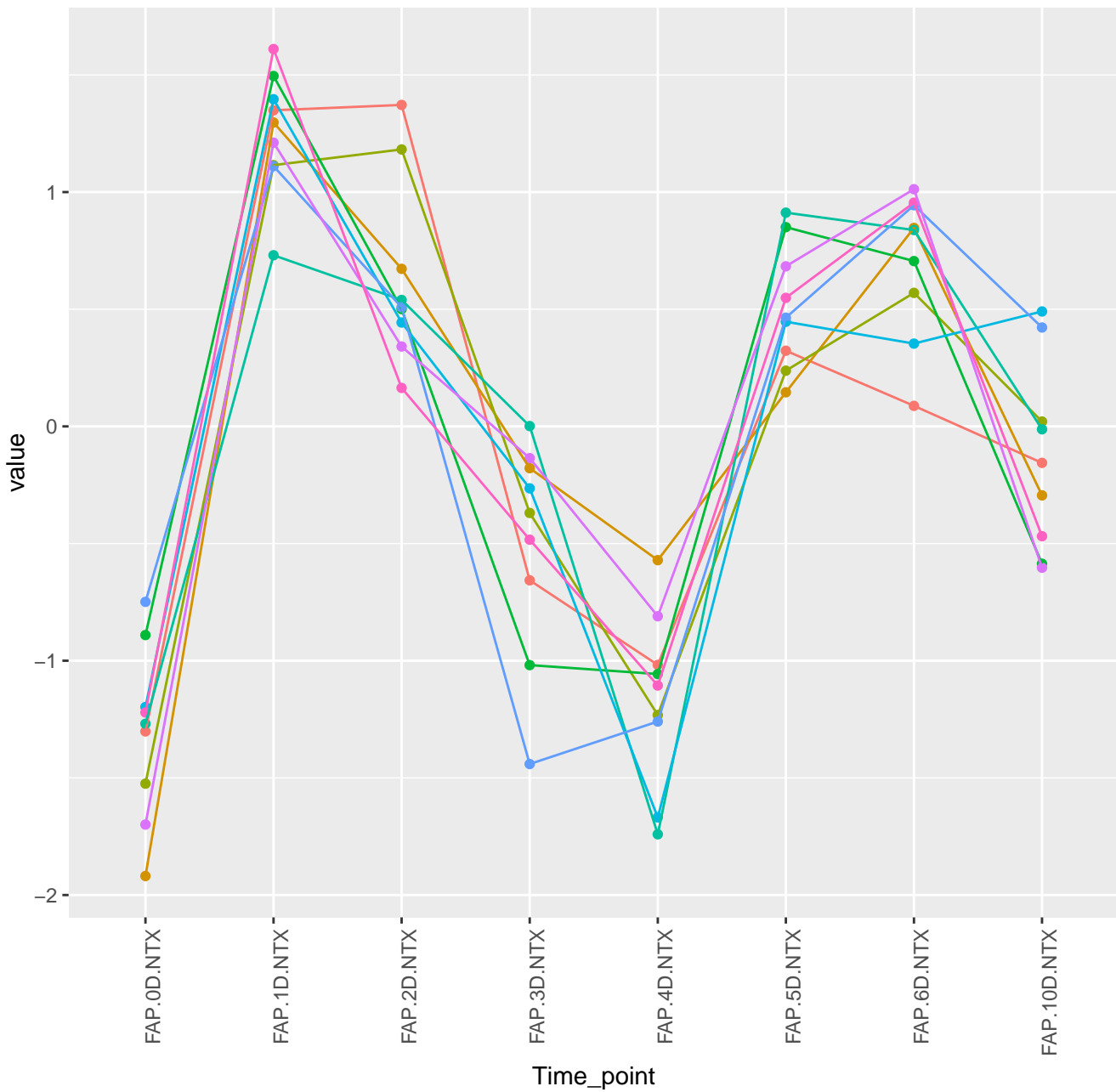
24 genes – cluster 51



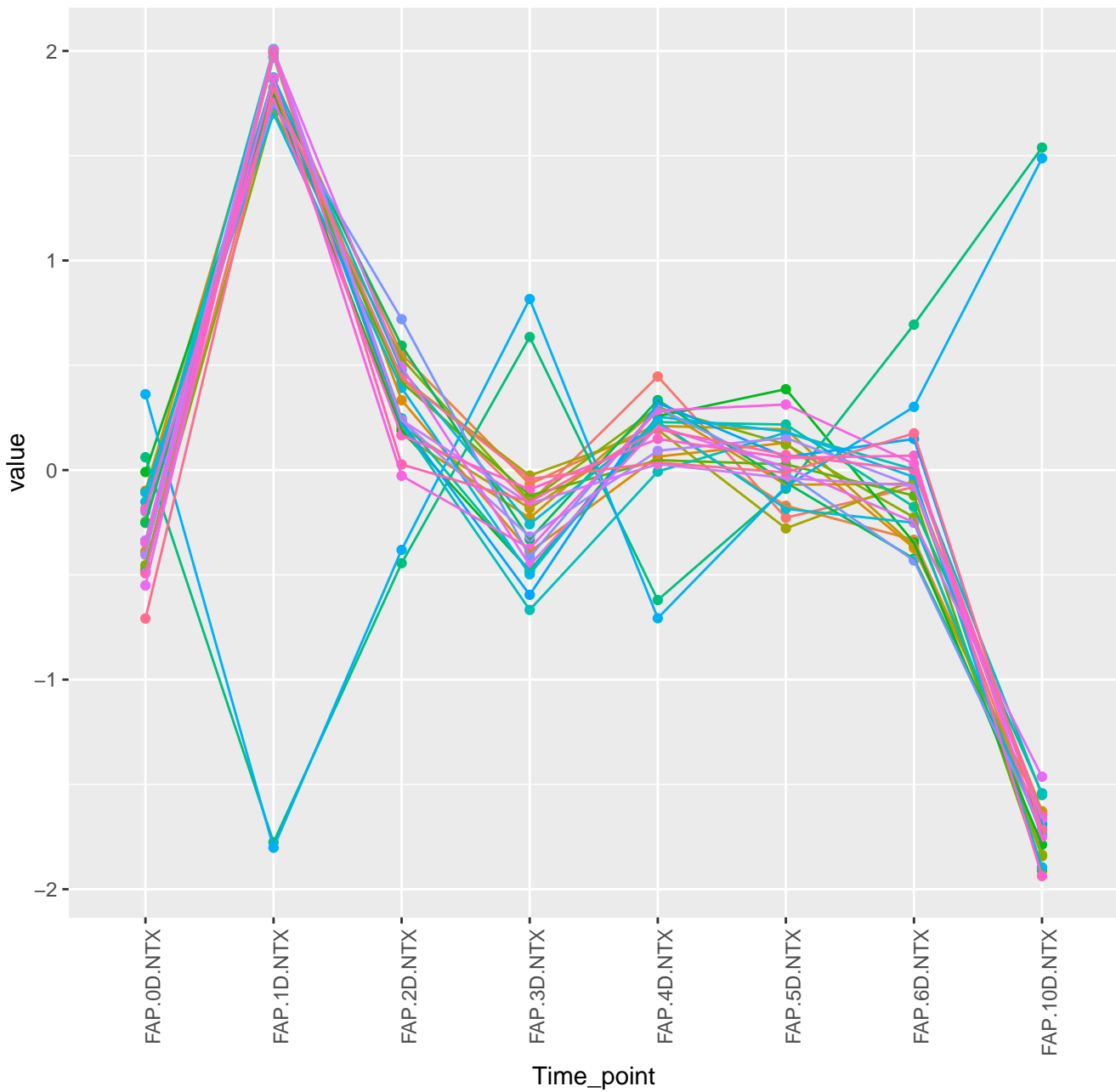
26 genes – cluster 52



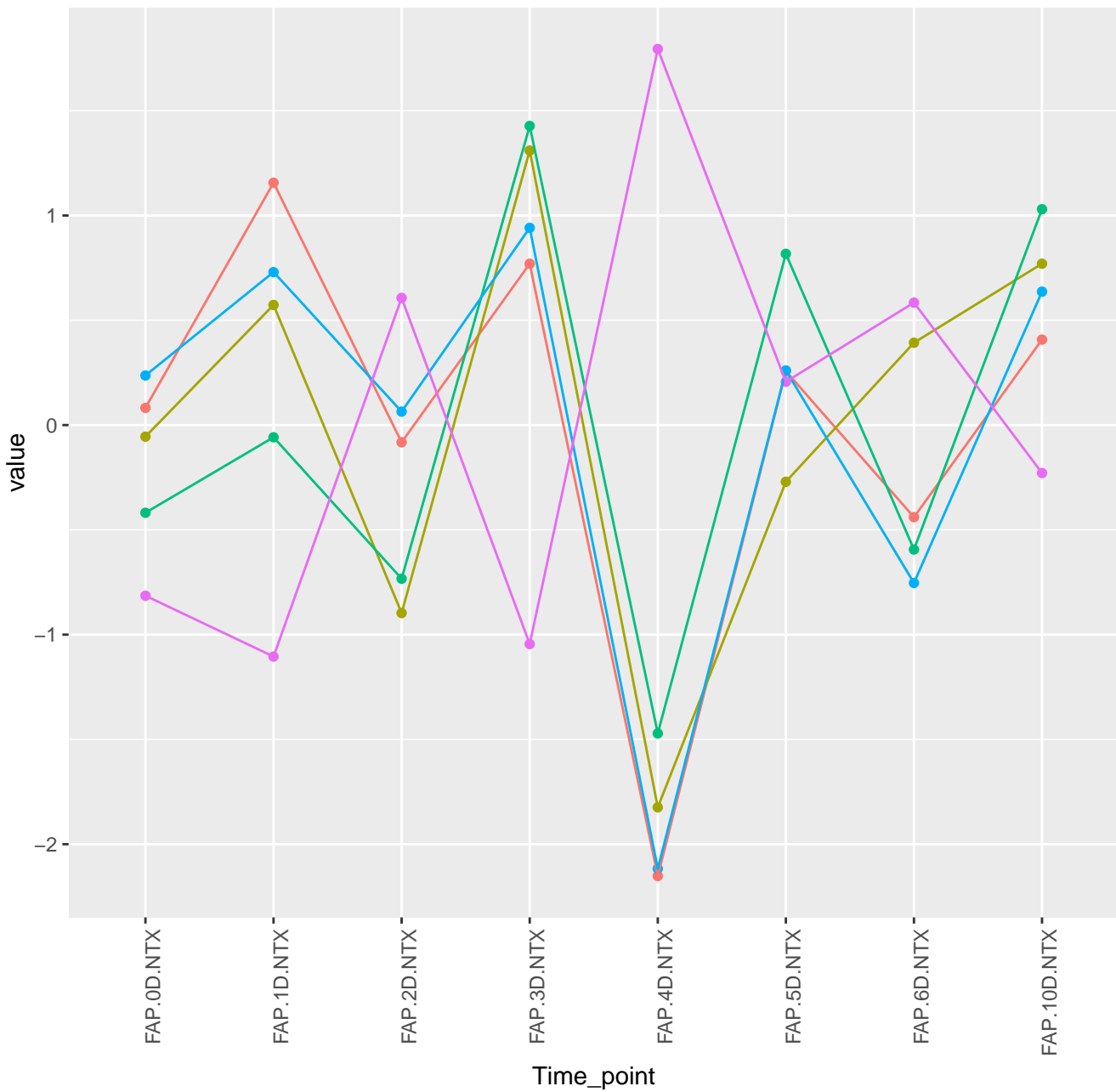
9 genes – cluster 53



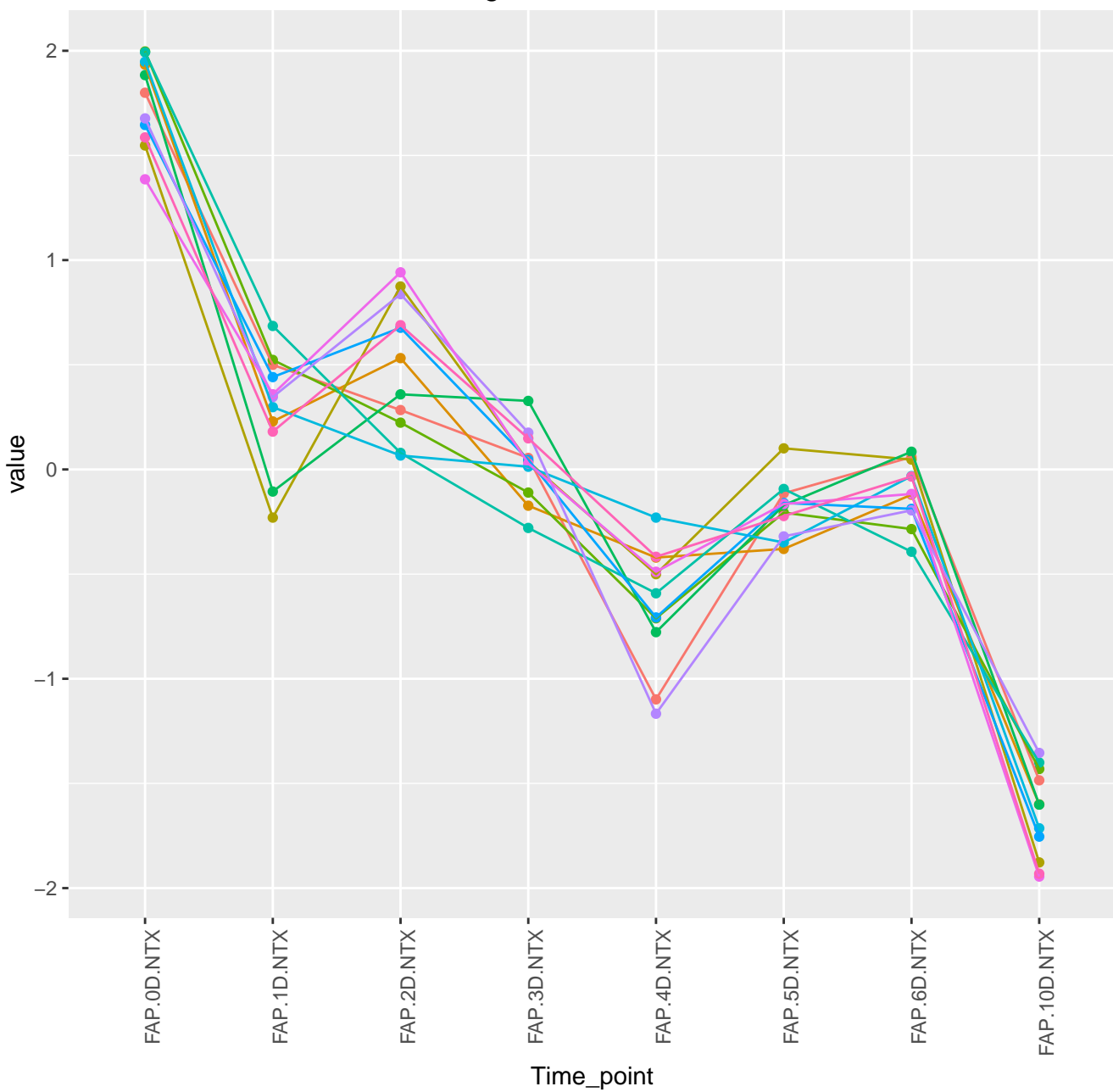
25 genes – cluster 54



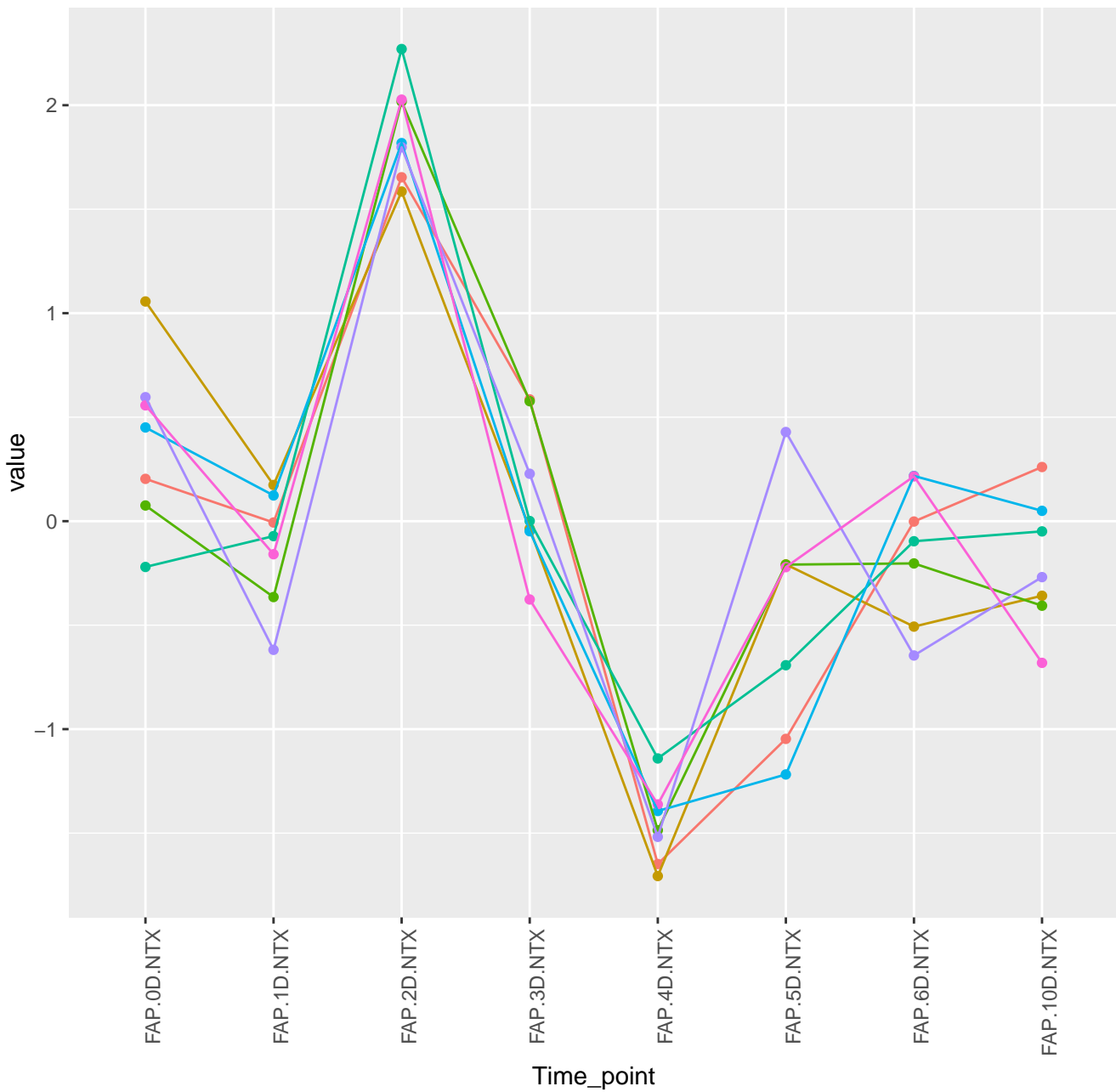
5 genes – cluster 56



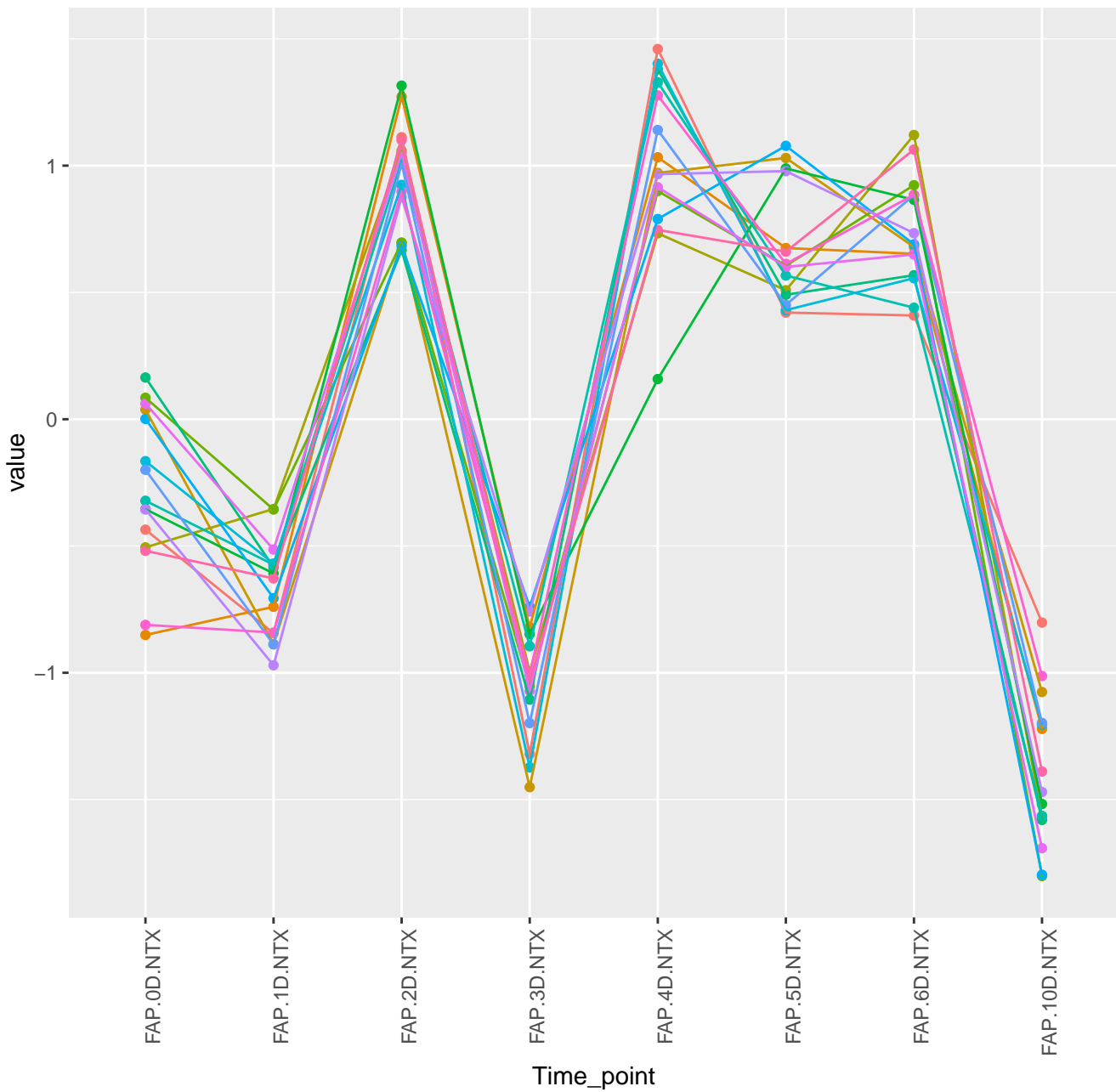
11 genes – cluster 57



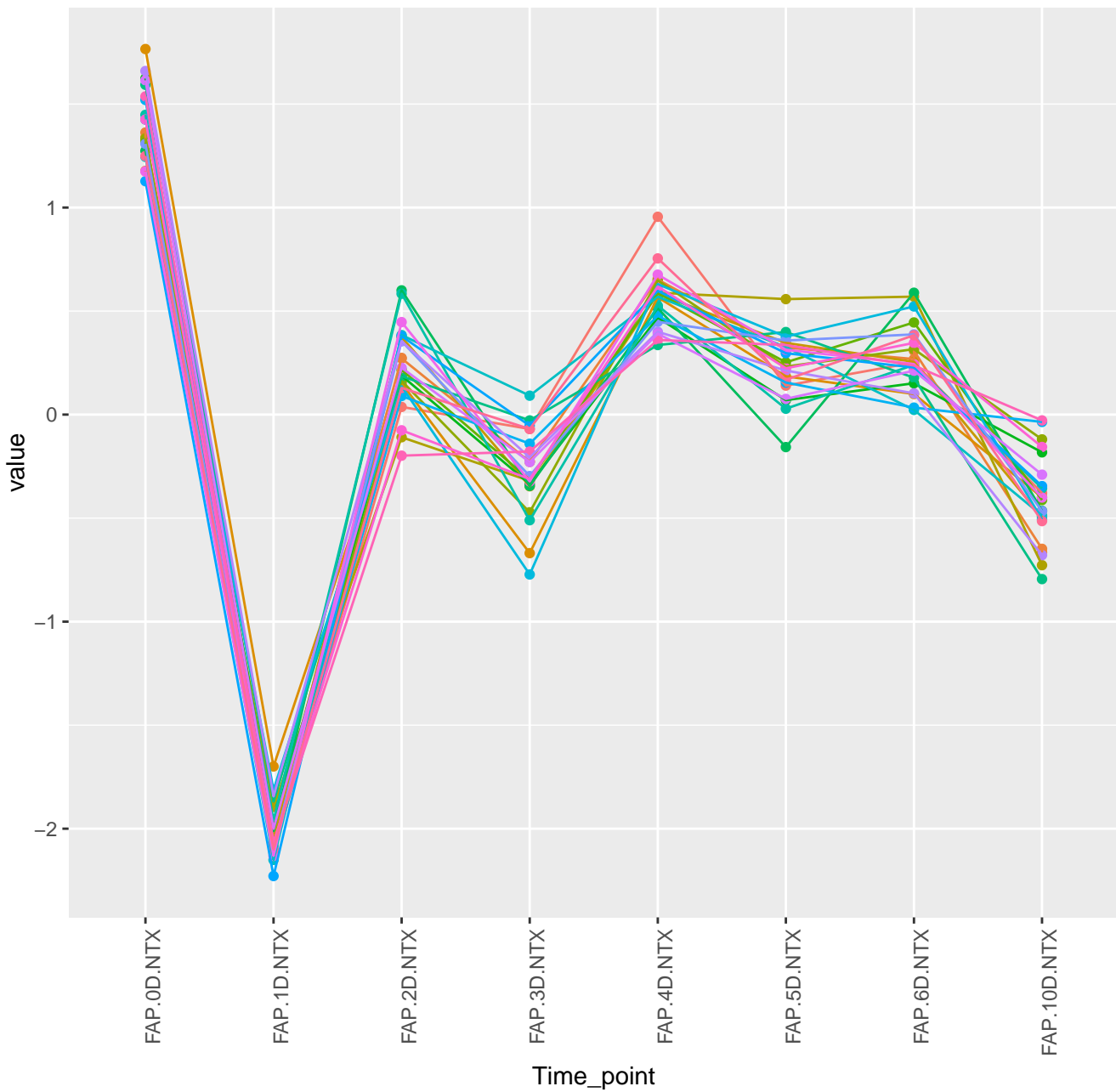
7 genes – cluster 58



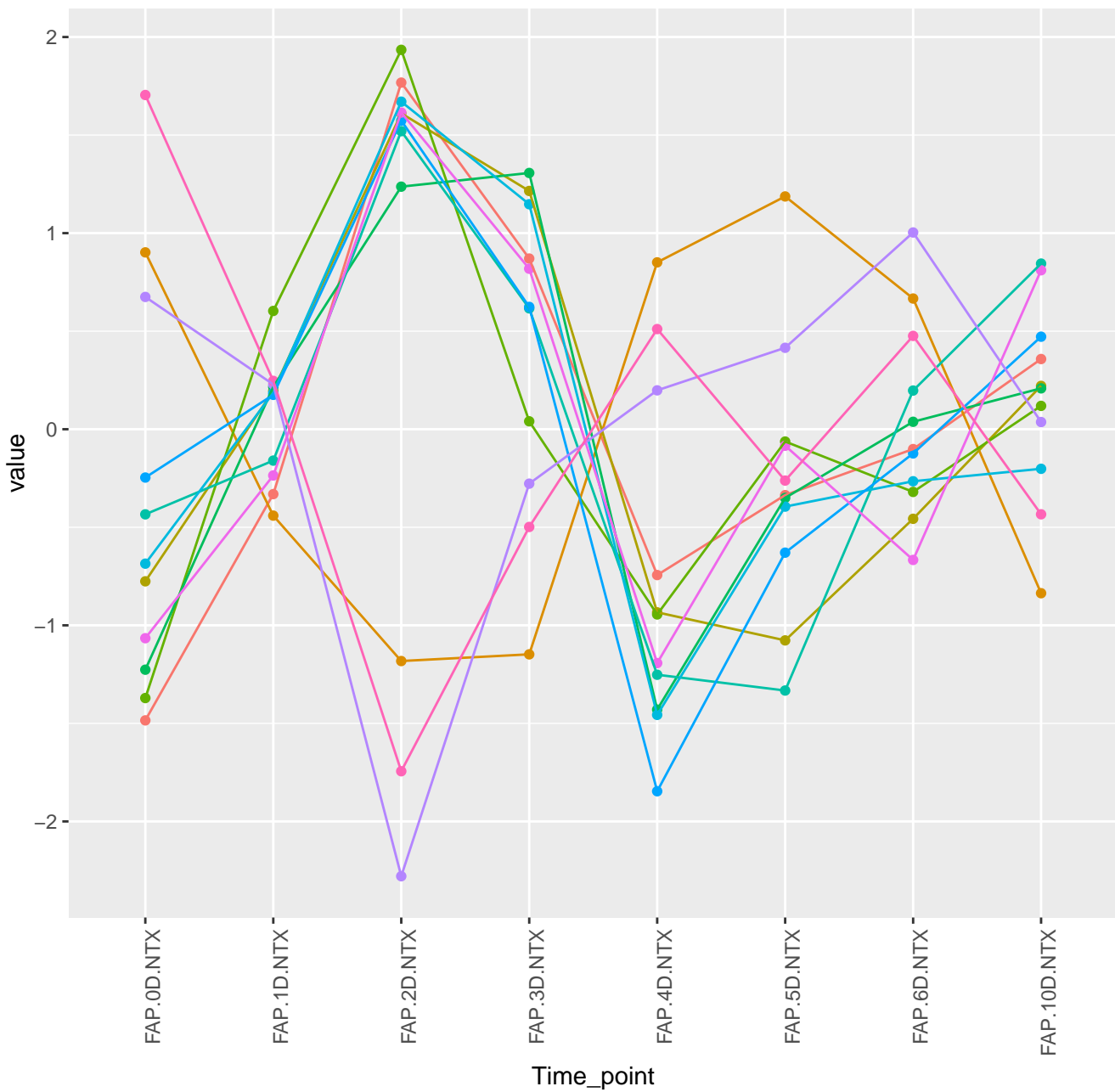
15 genes – cluster 59



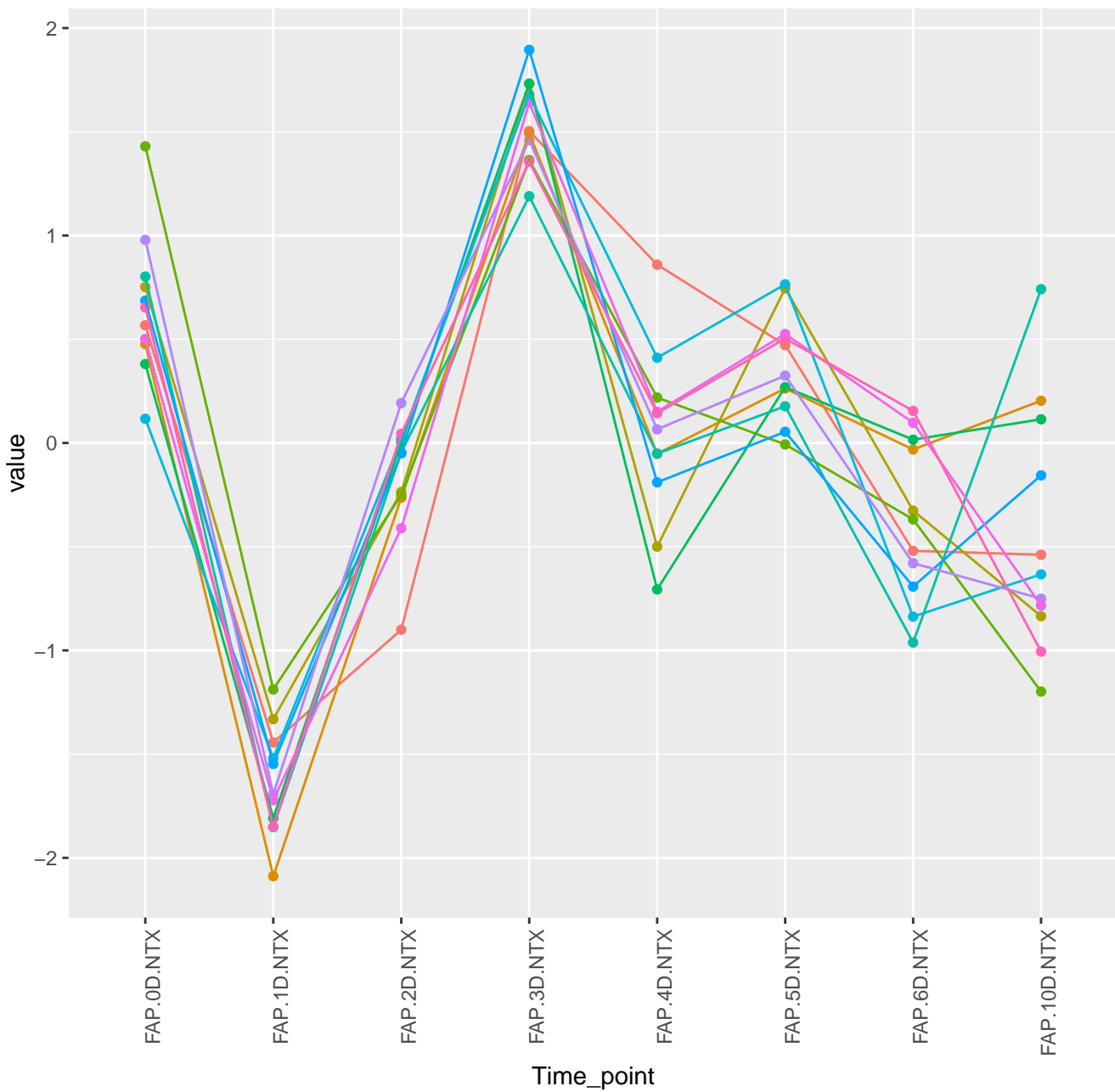
23 genes – cluster 60



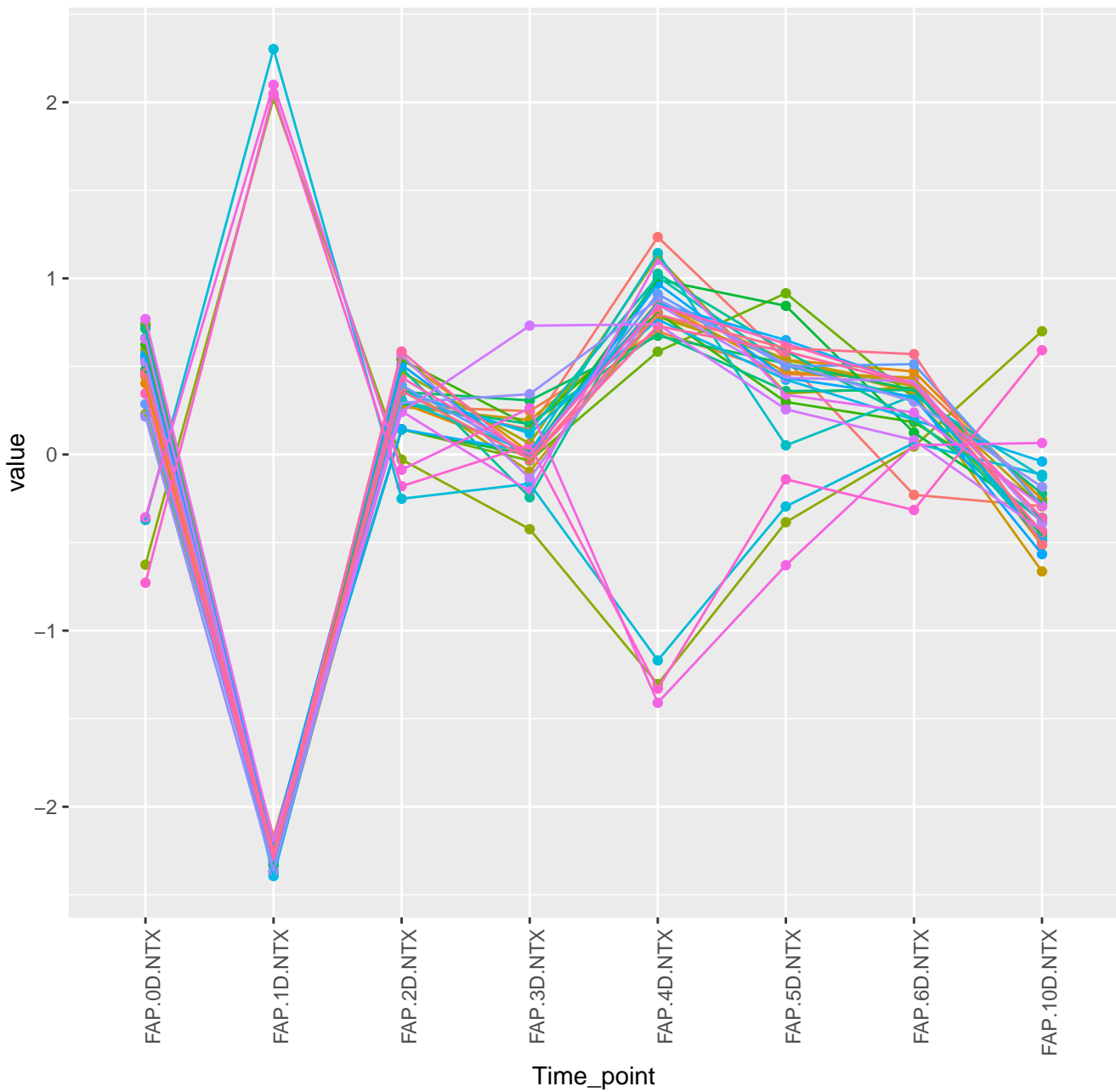
11 genes – cluster 61



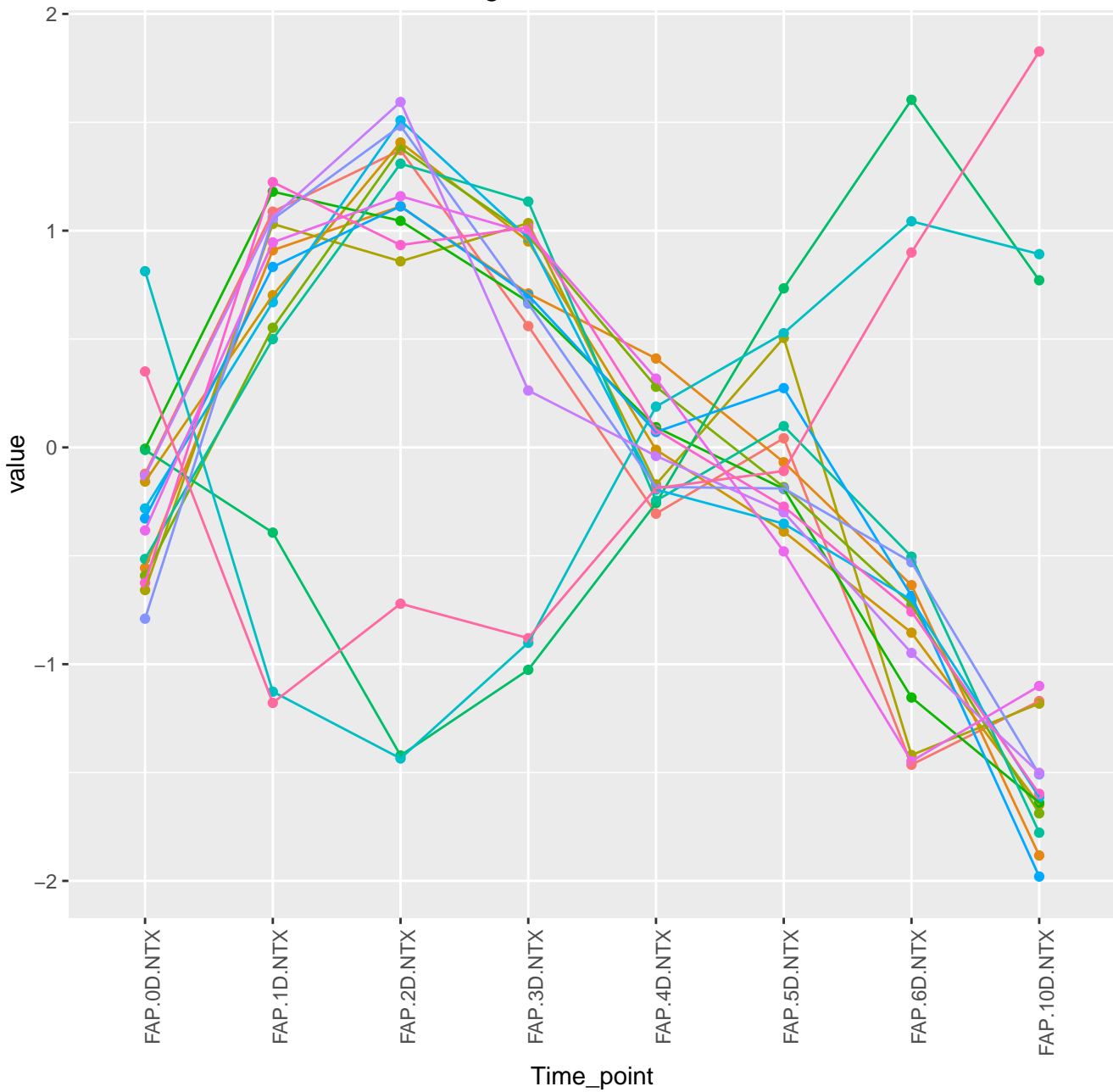
11 genes – cluster 62



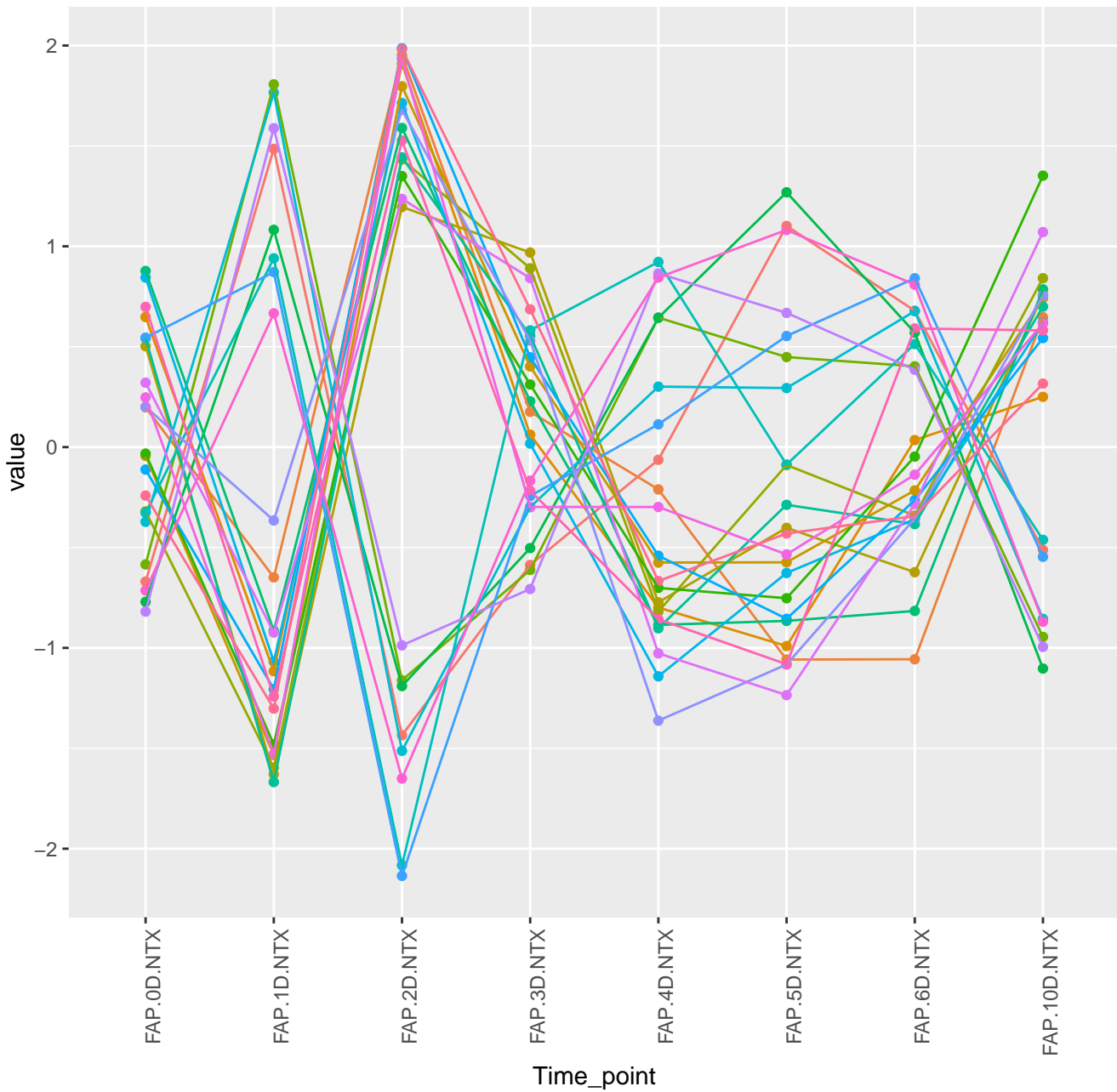
30 genes – cluster 64



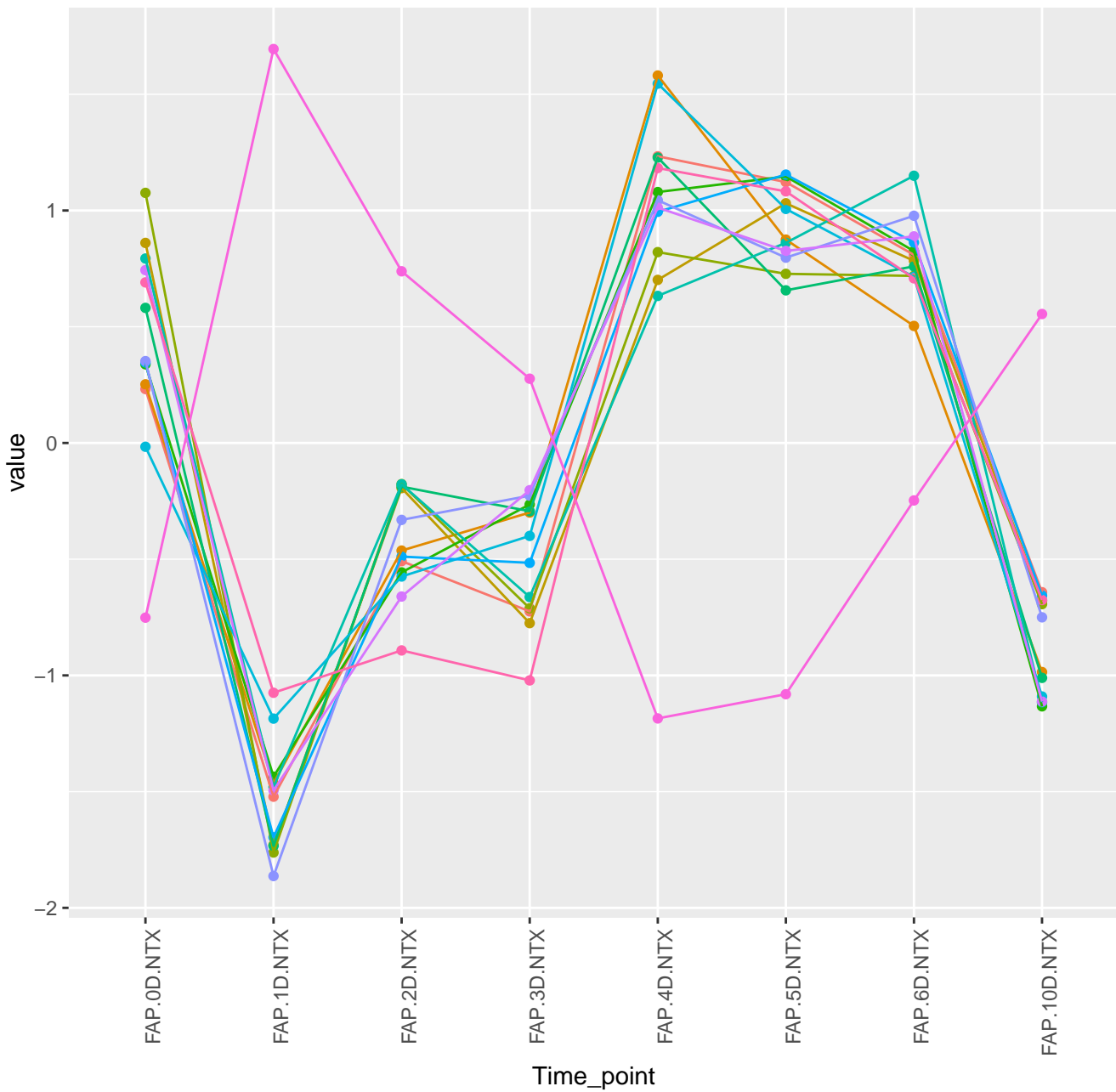
16 genes – cluster 65



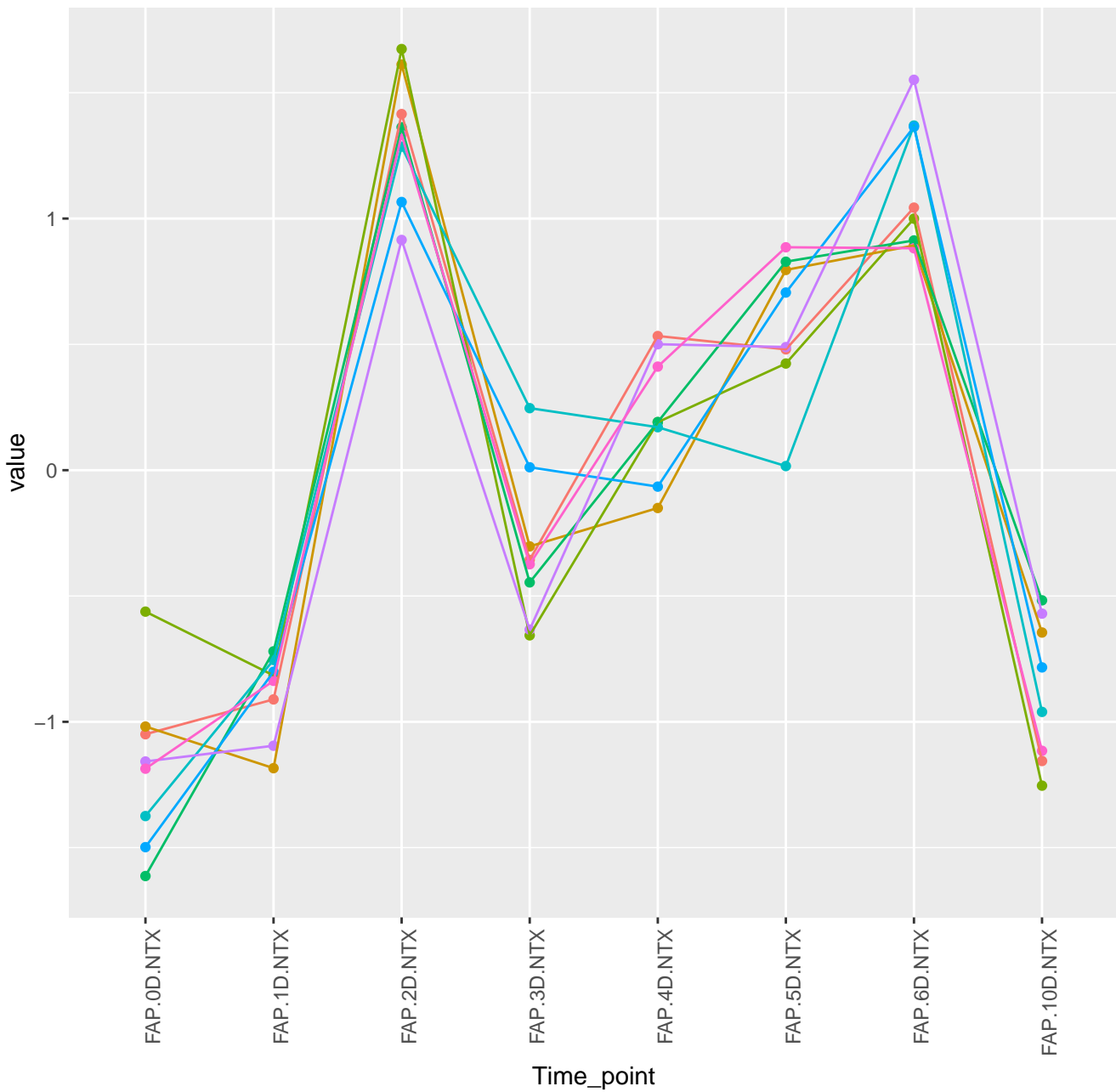
23 genes – cluster 67



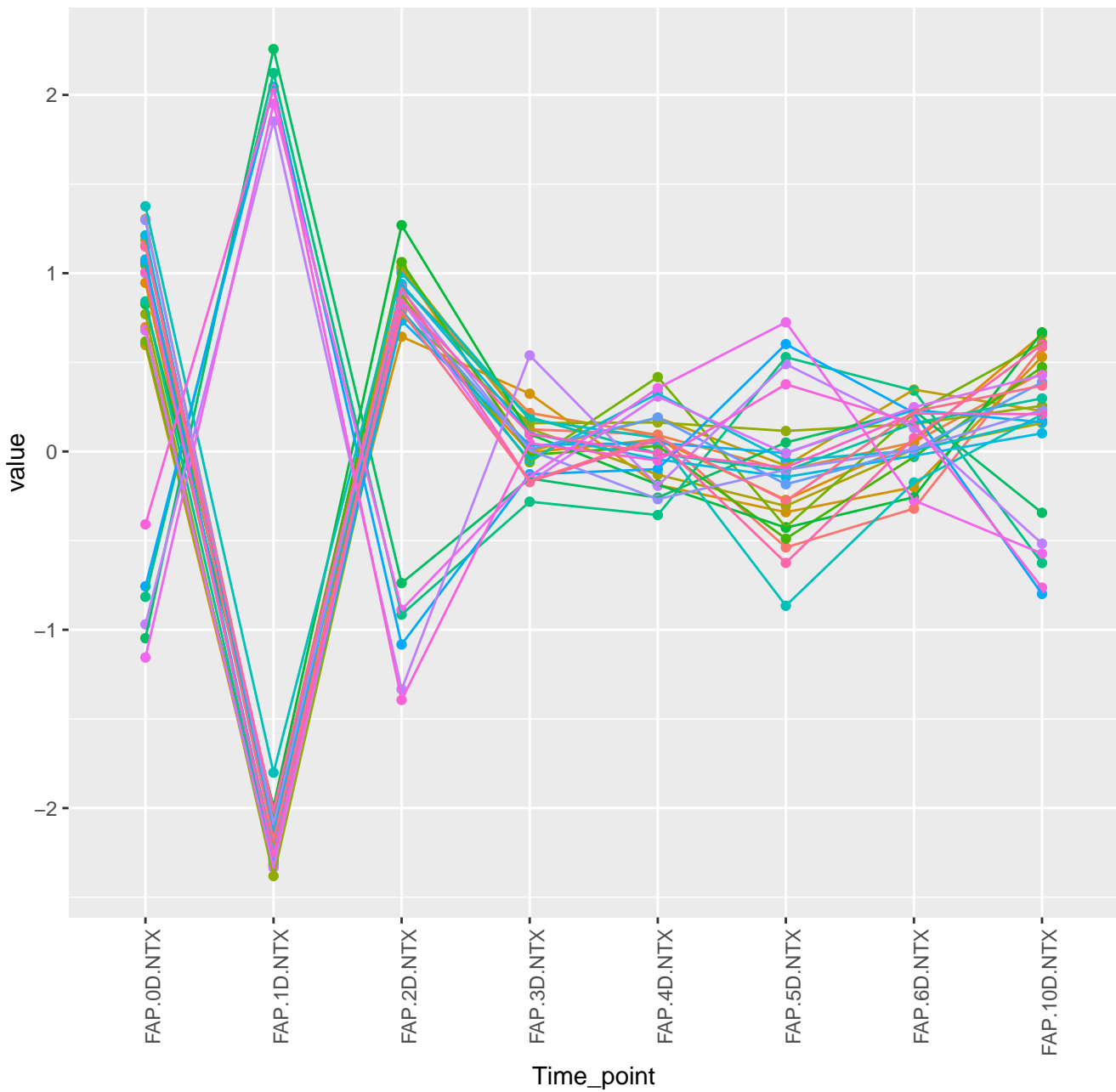
13 genes – cluster 68



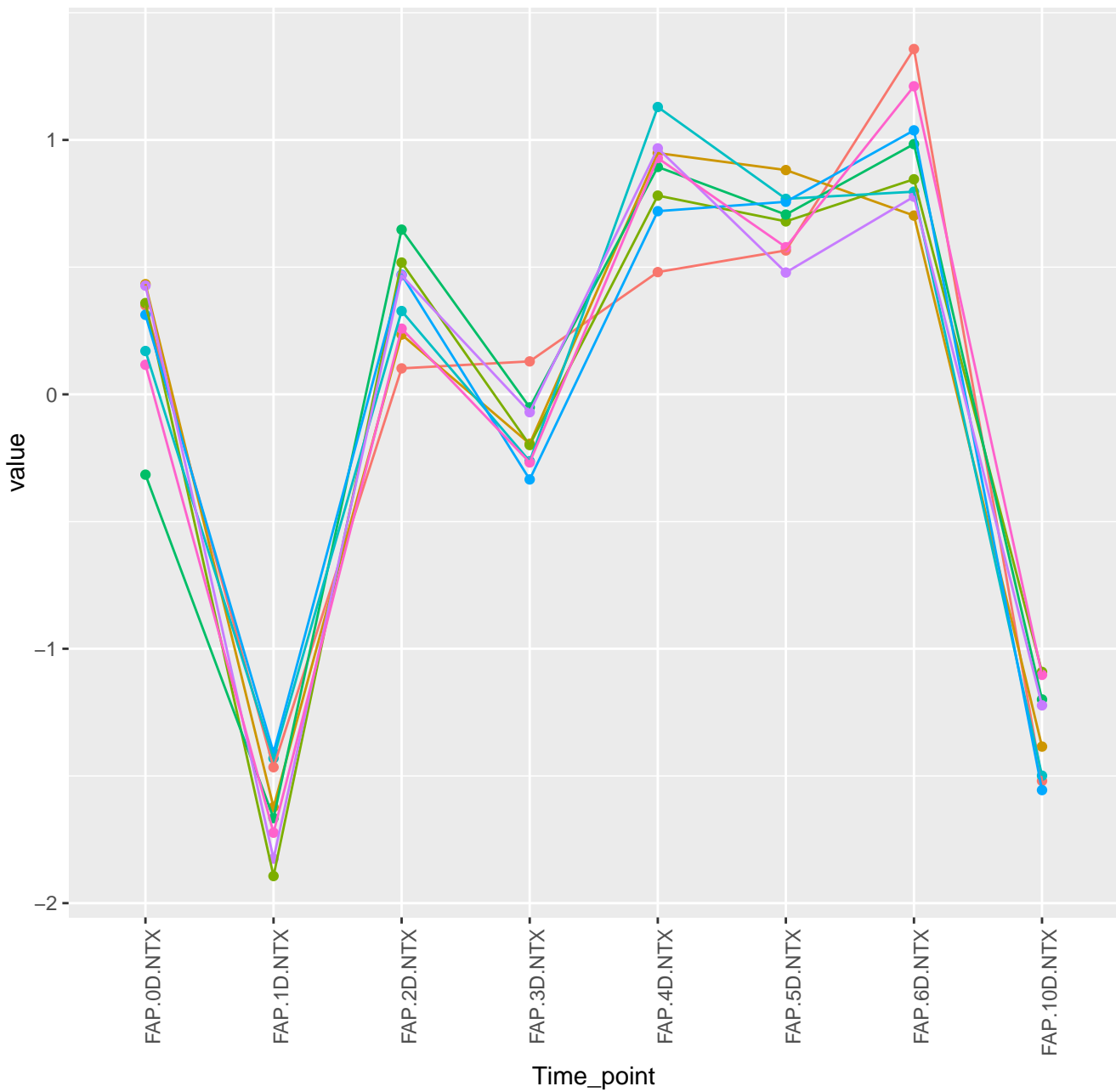
8 genes – cluster 69



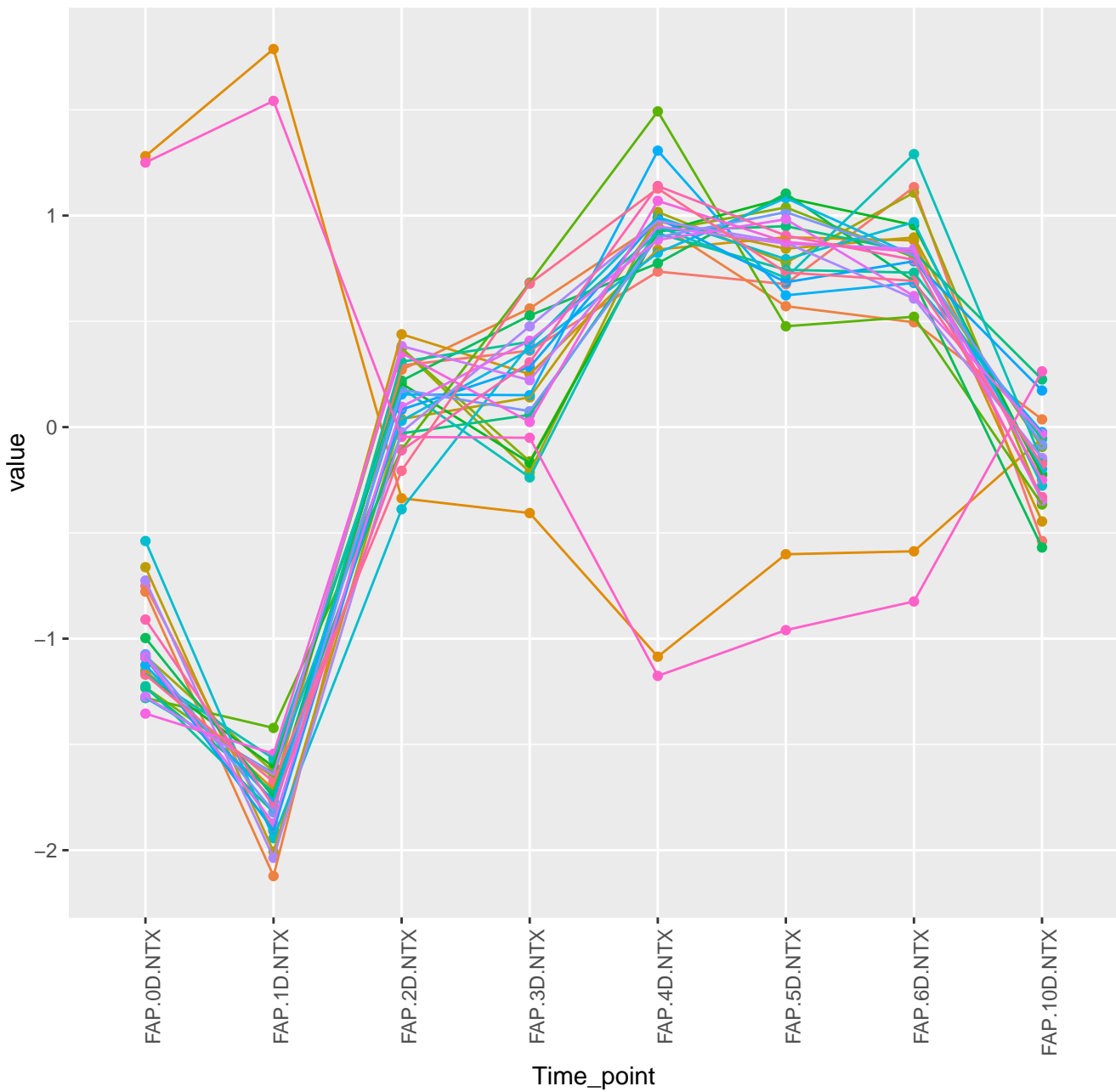
27 genes – cluster 70



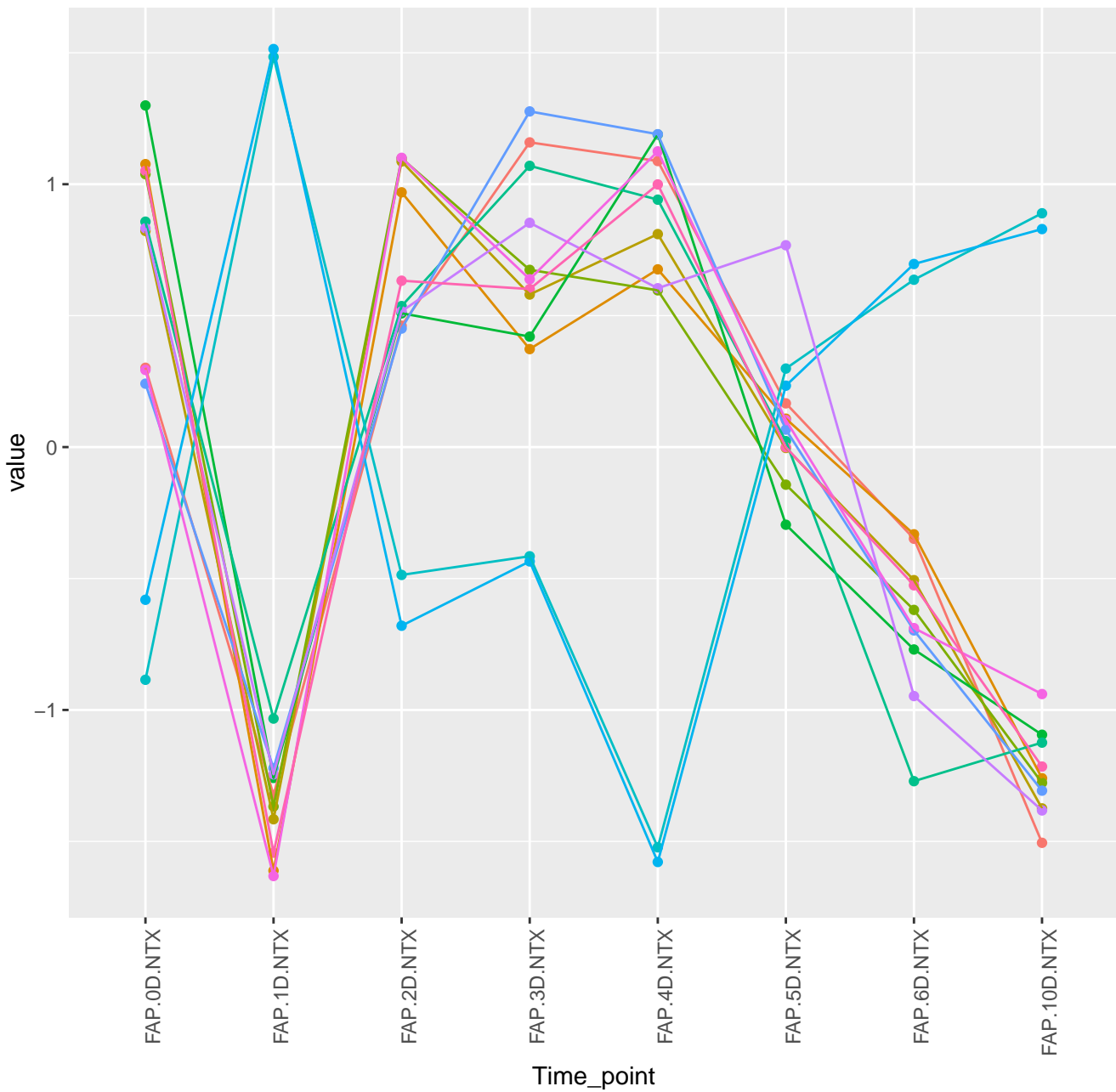
8 genes – cluster 71



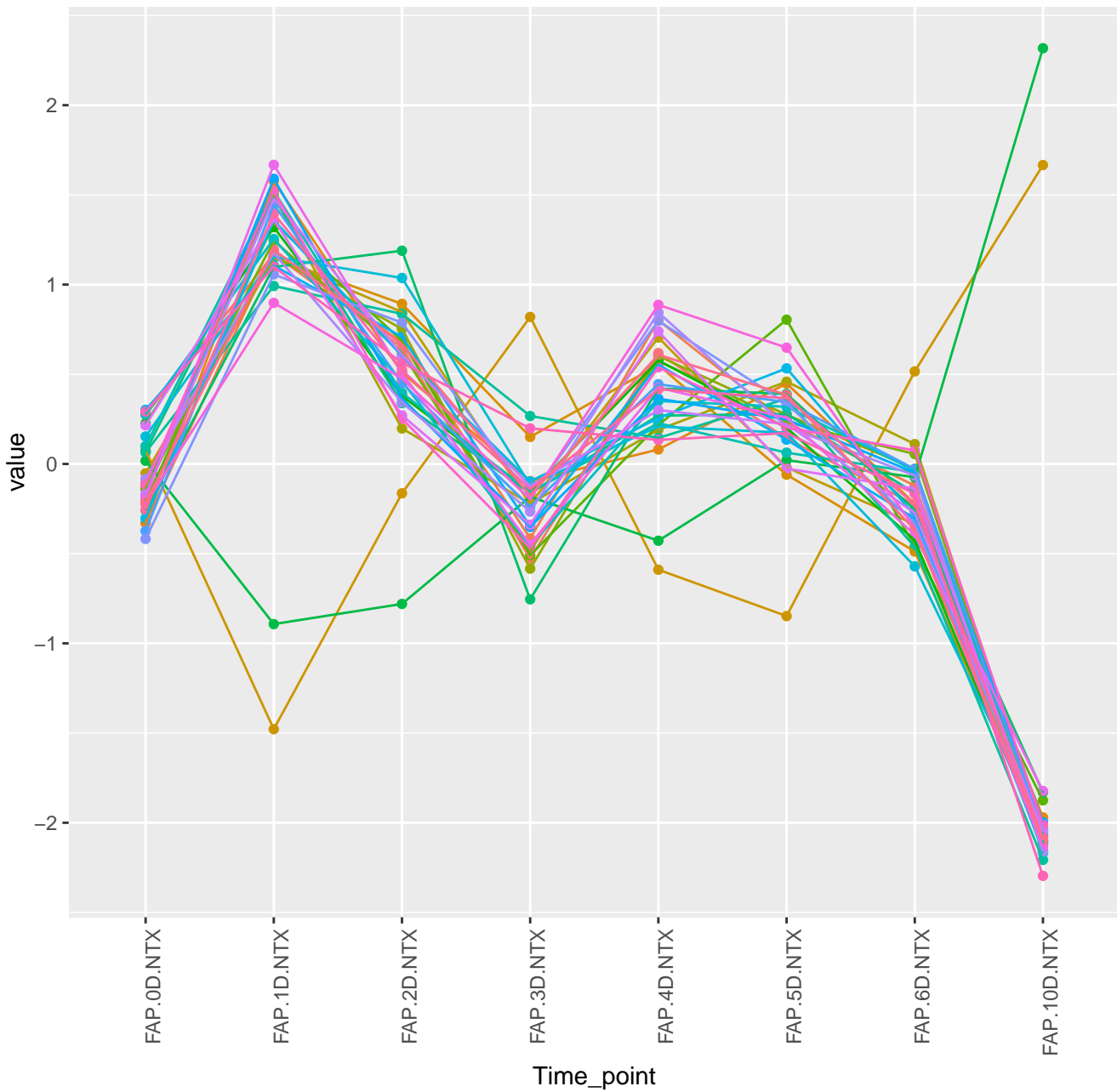
25 genes – cluster 72



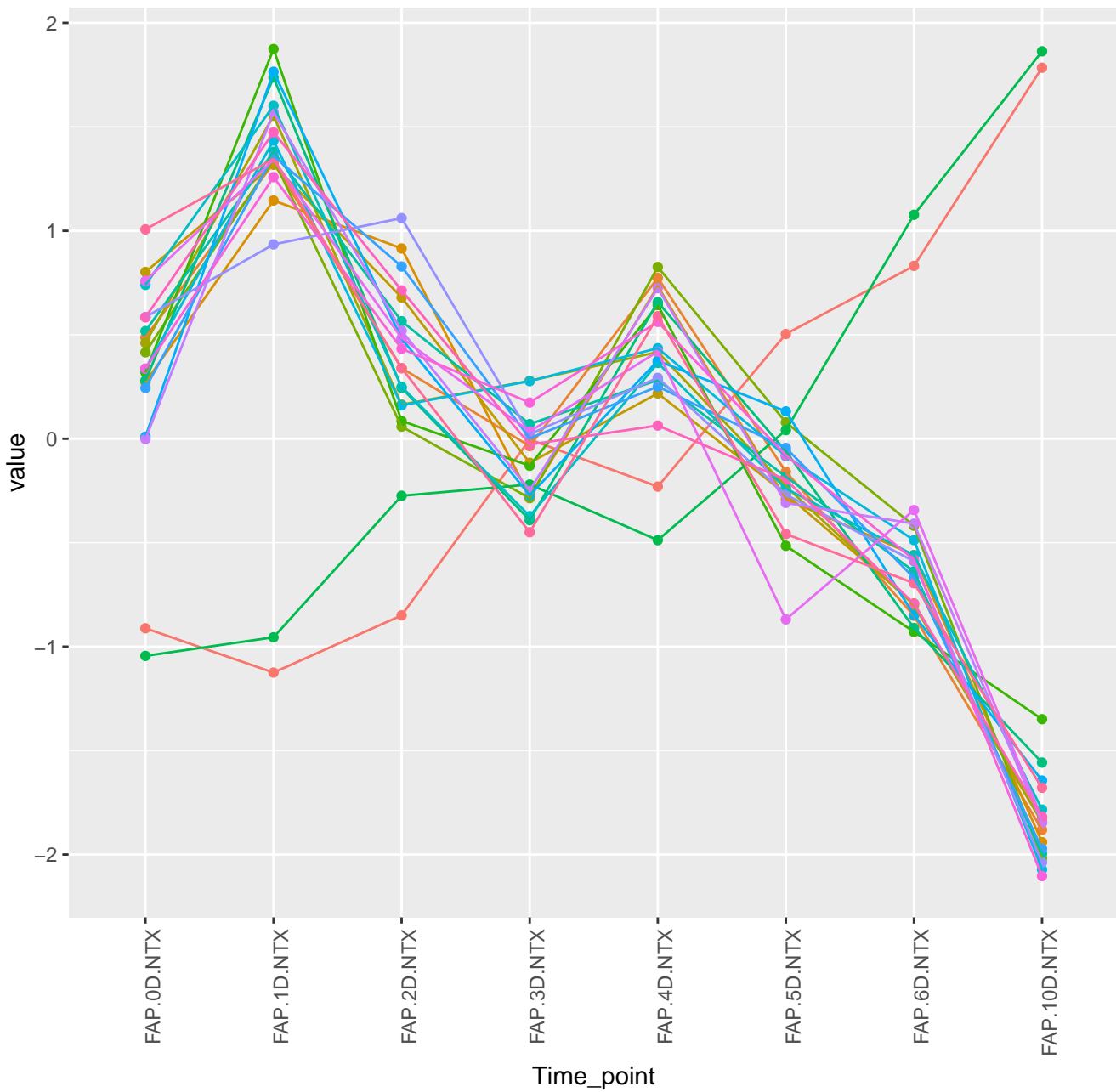
12 genes – cluster 73



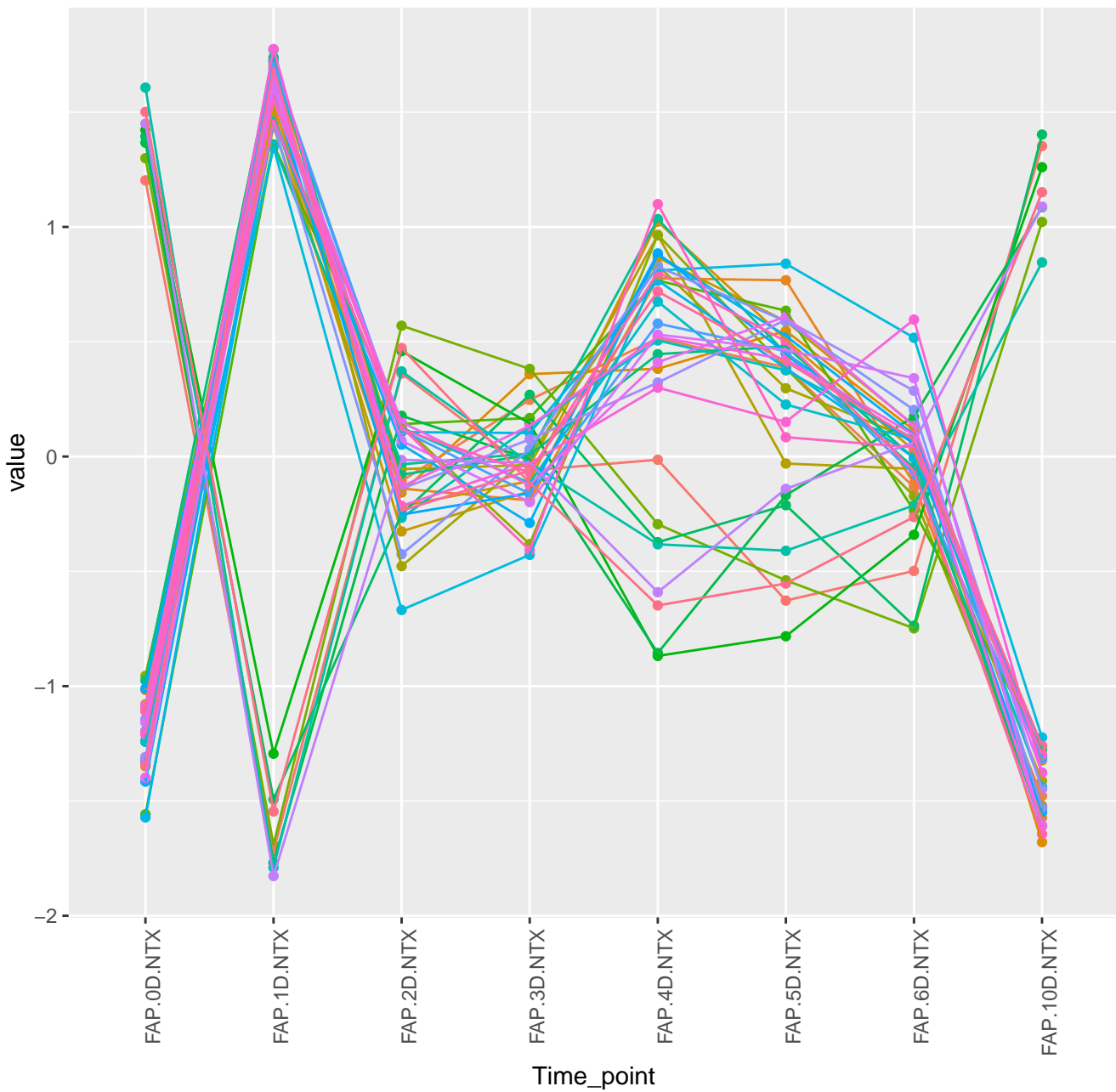
32 genes – cluster 74



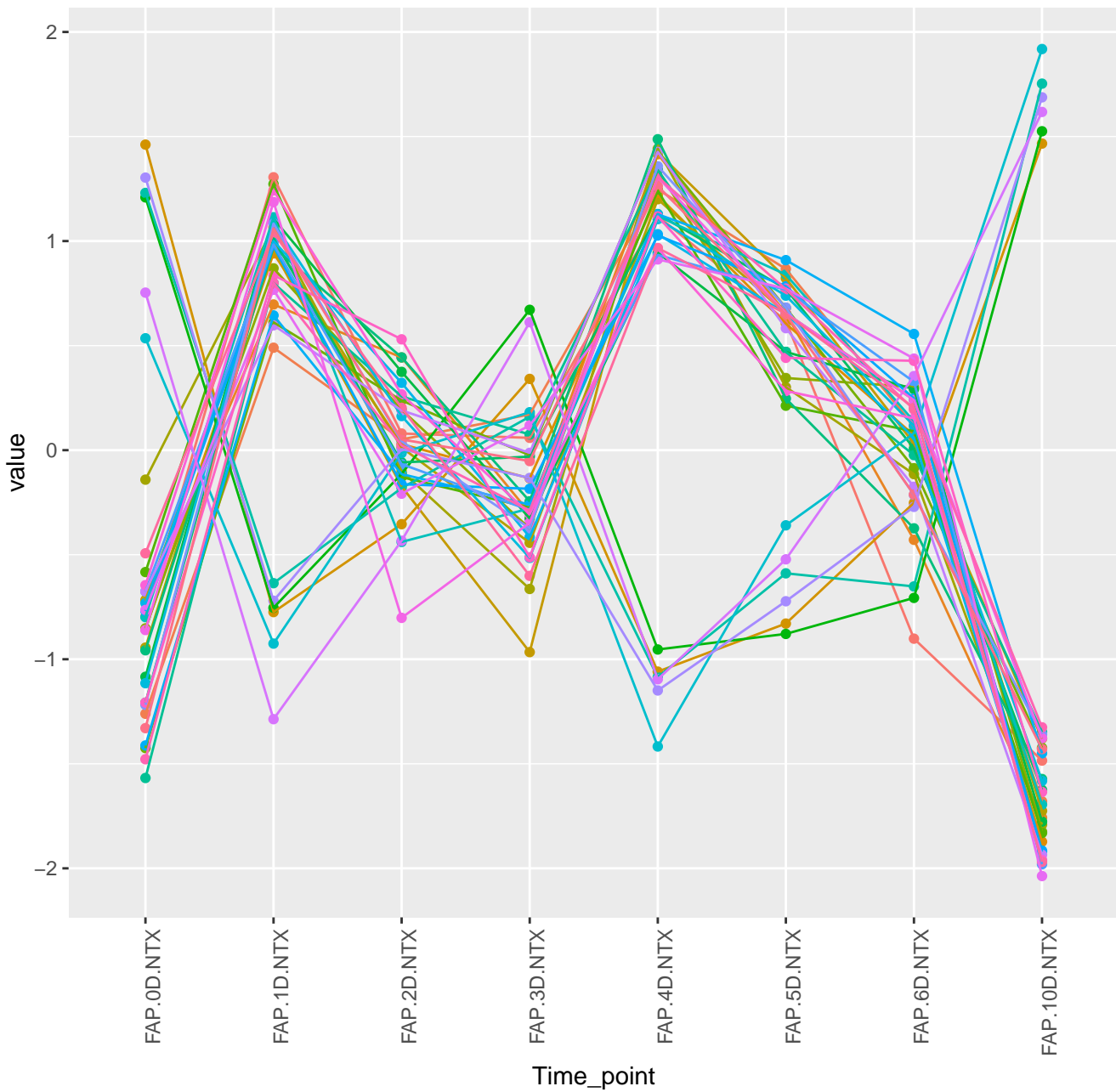
20 genes – cluster 75



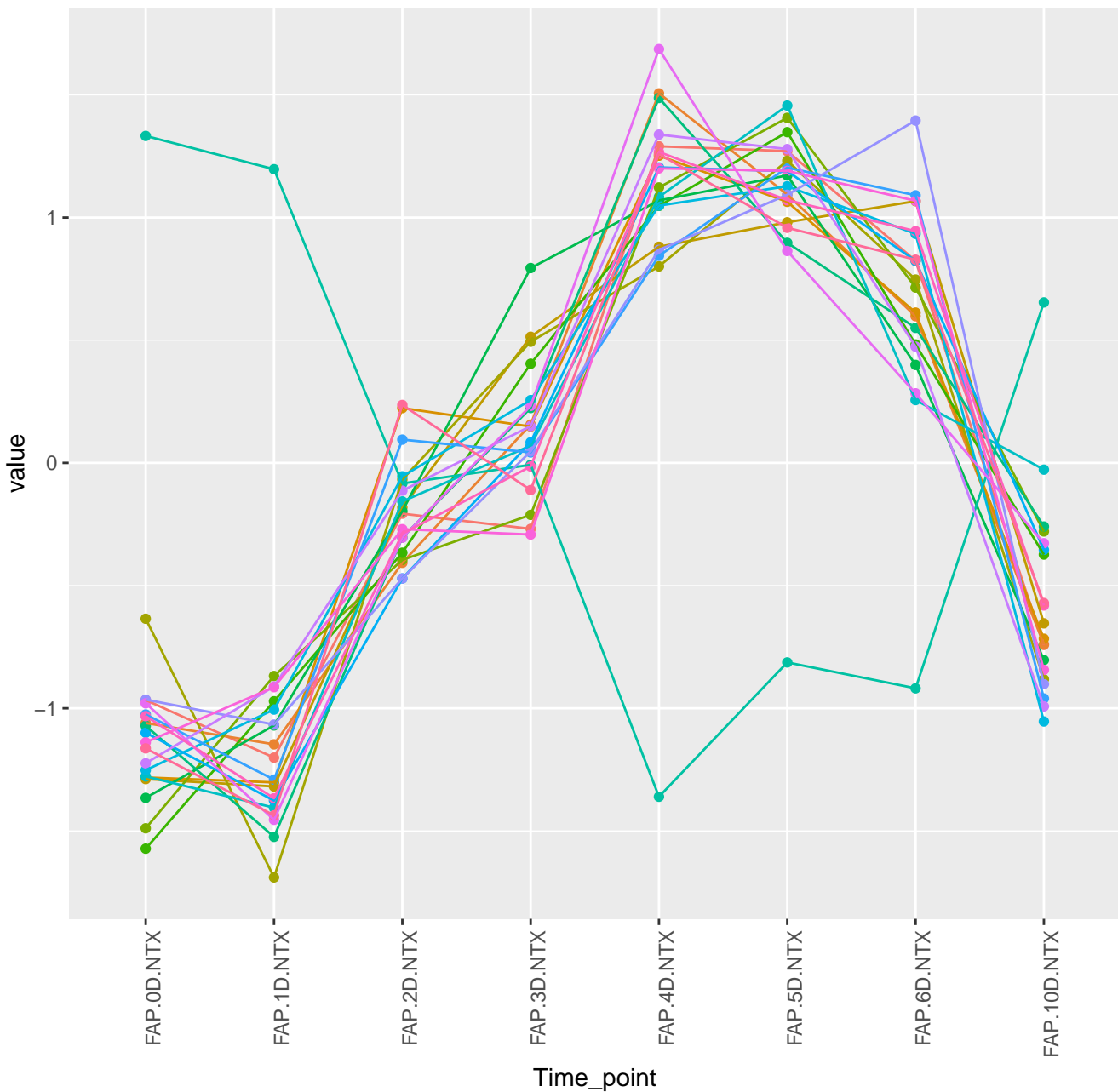
35 genes – cluster 76



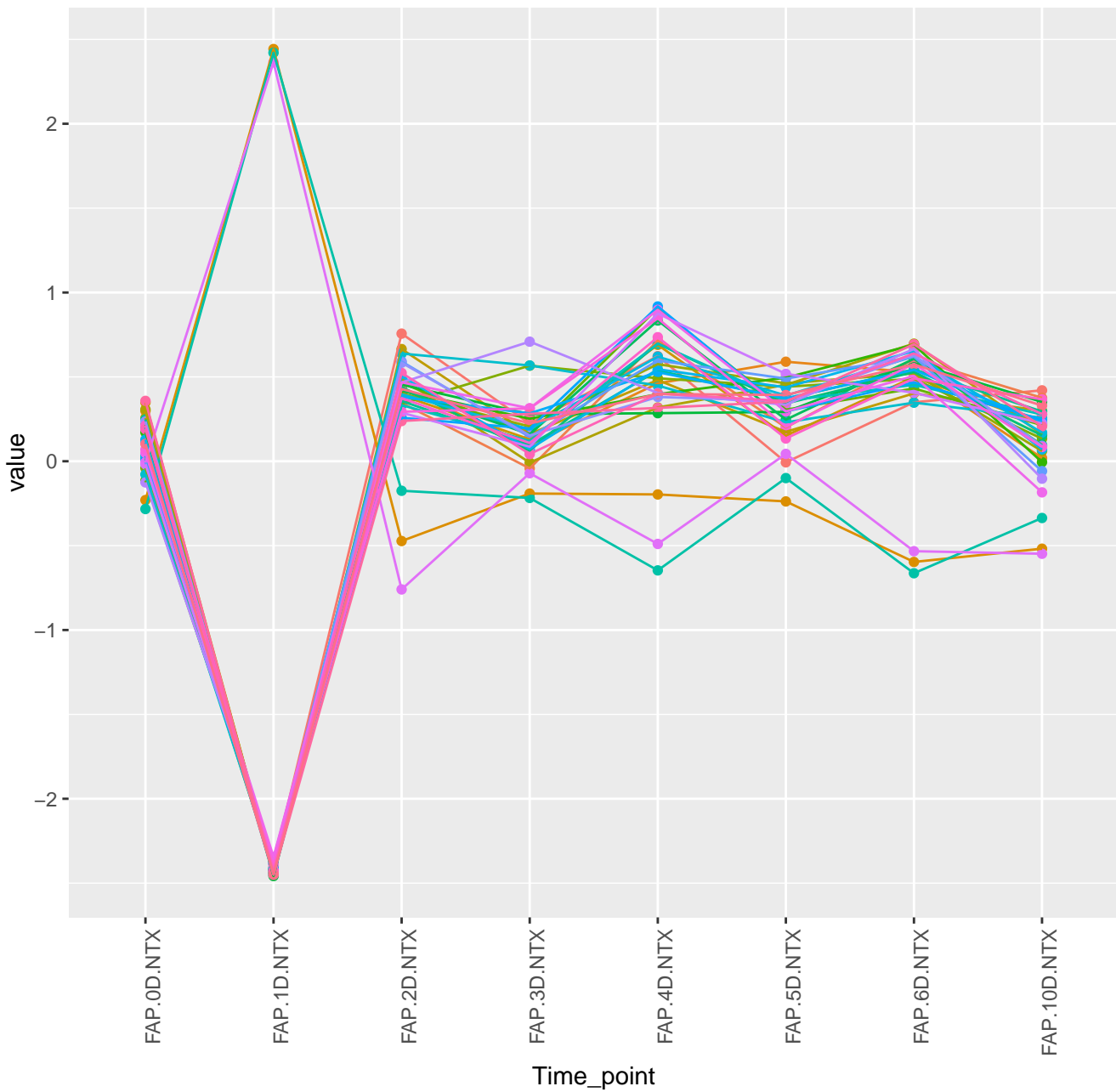
35 genes – cluster 77



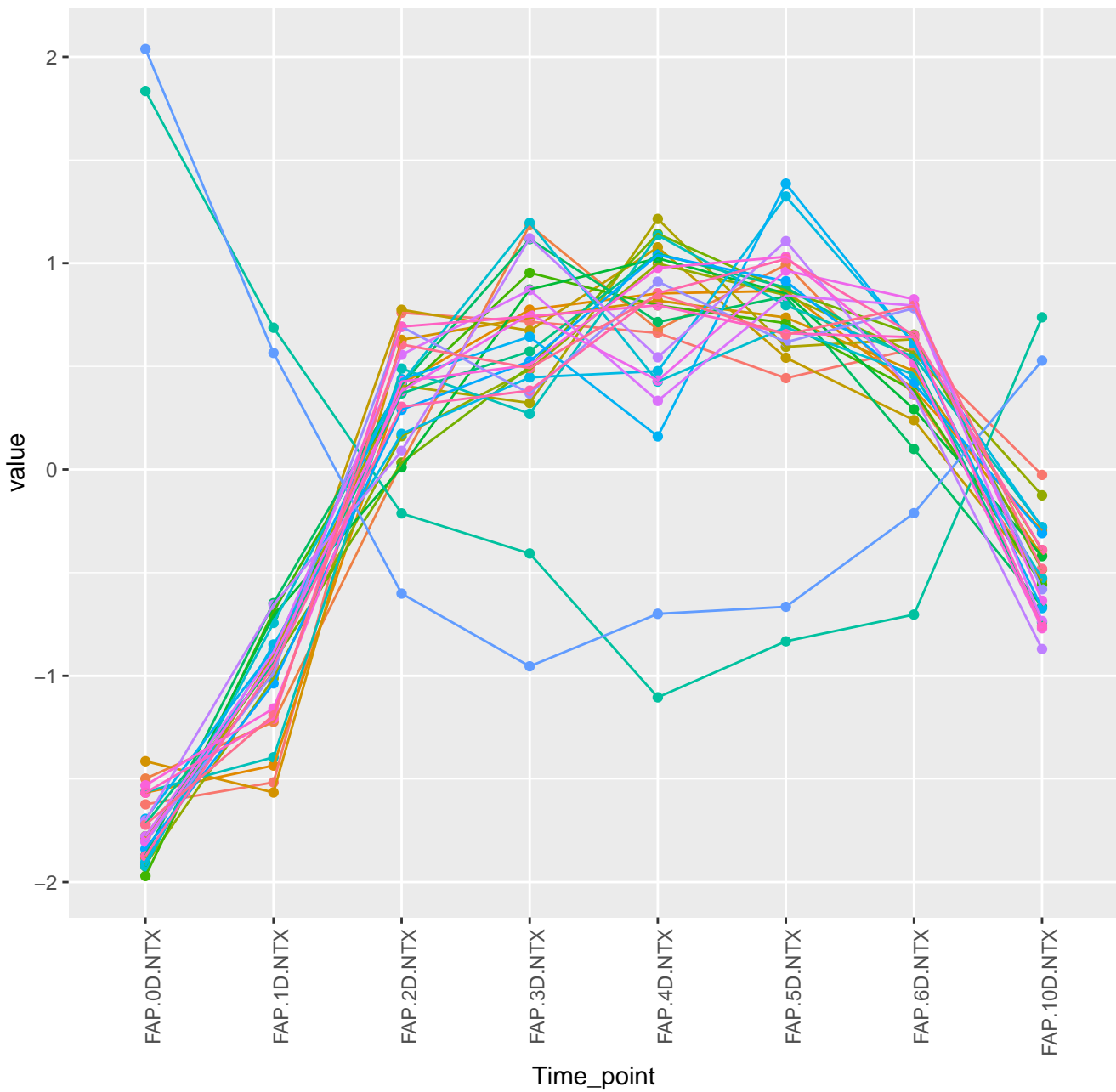
20 genes – cluster 78



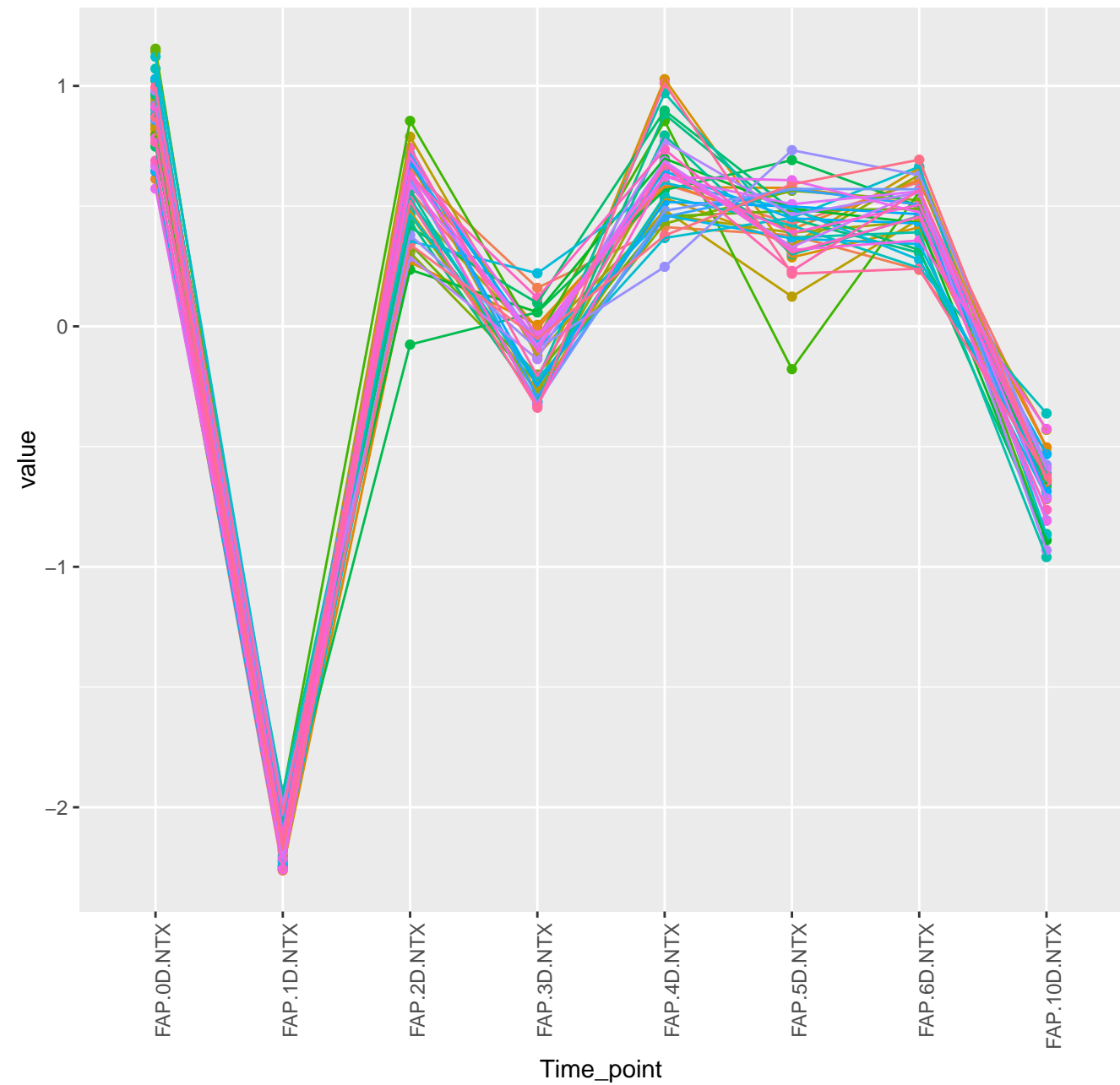
33 genes – cluster 79



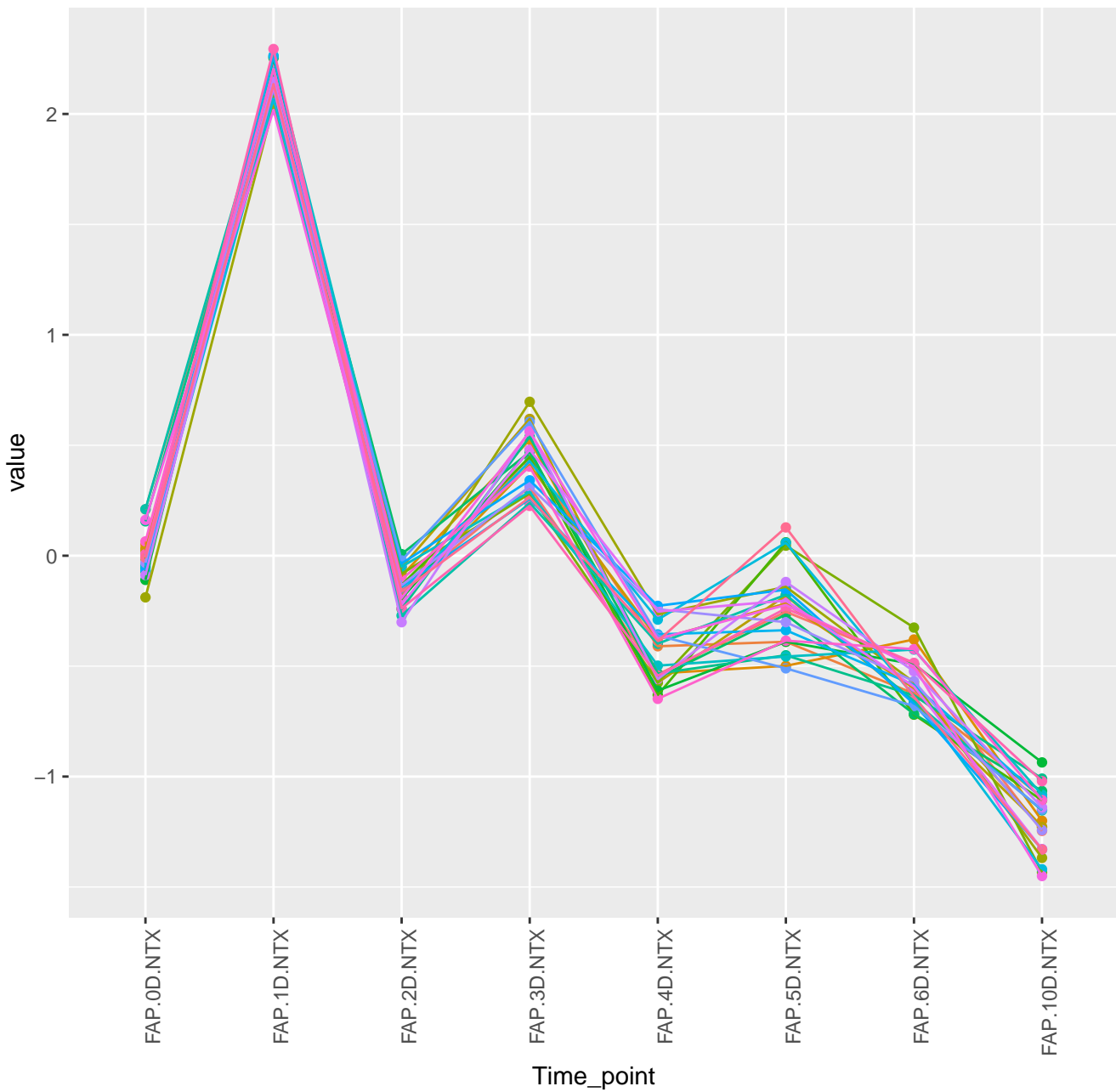
27 genes – cluster 80



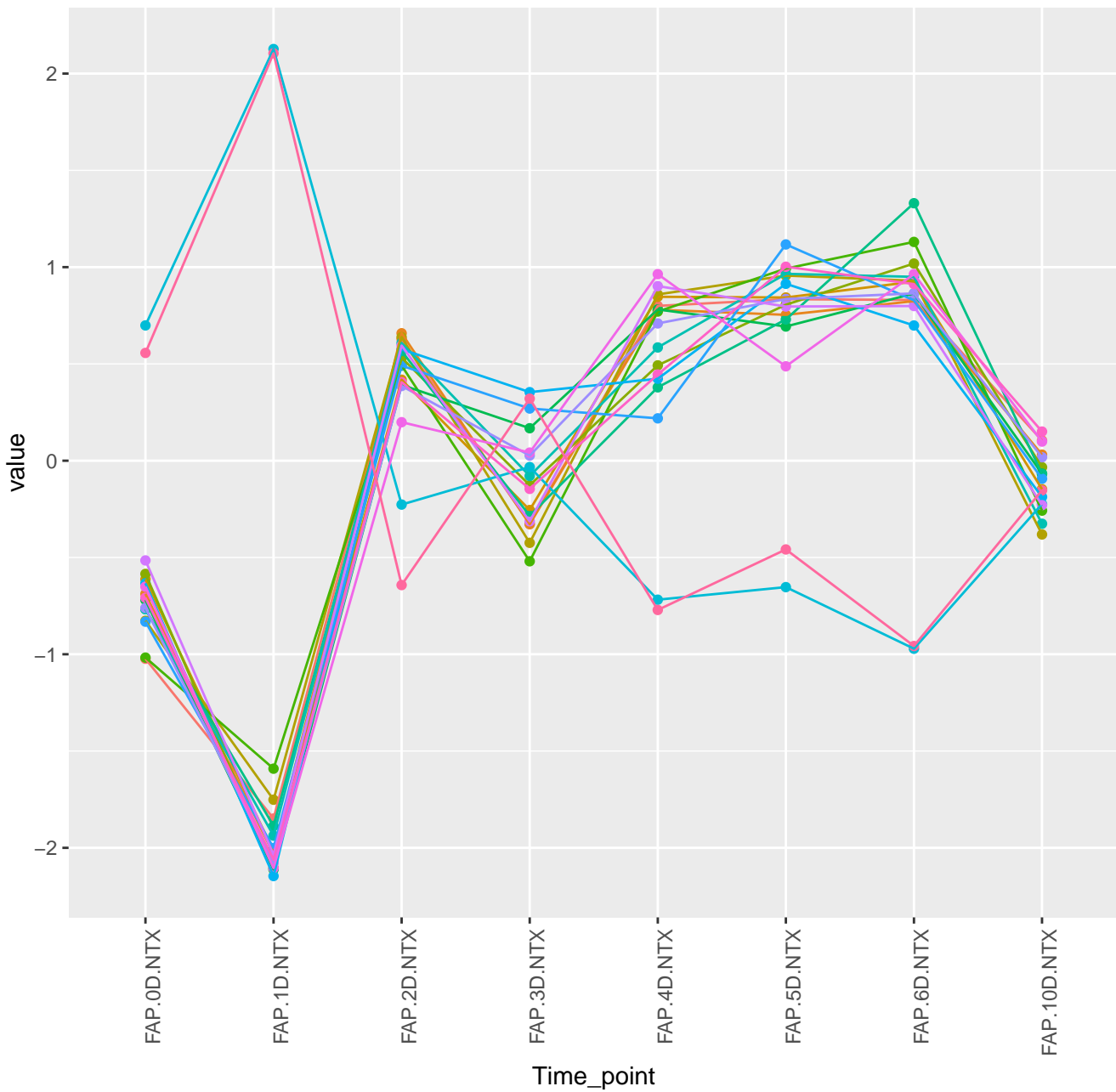
37 genes – cluster 81



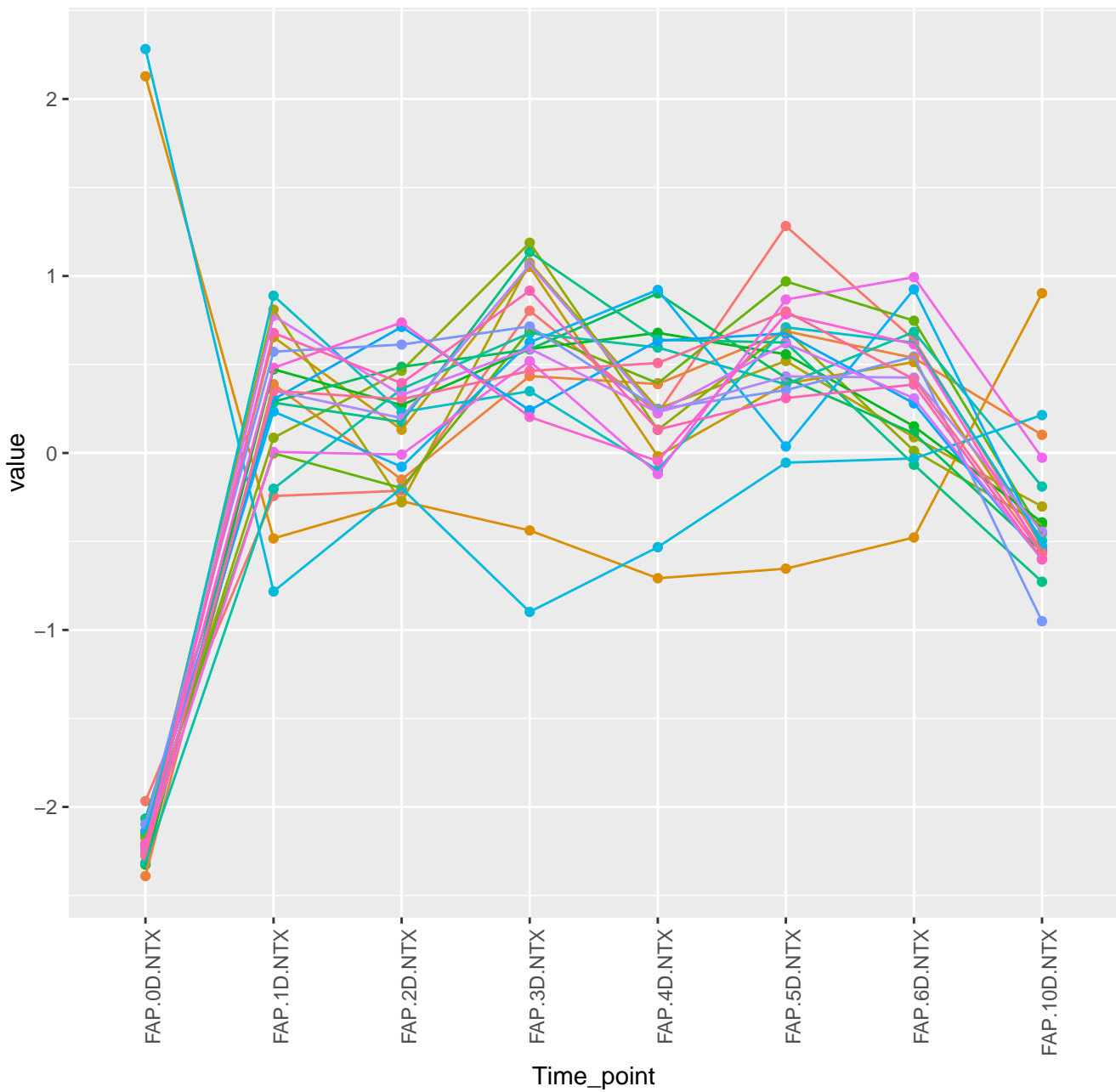
24 genes – cluster 82



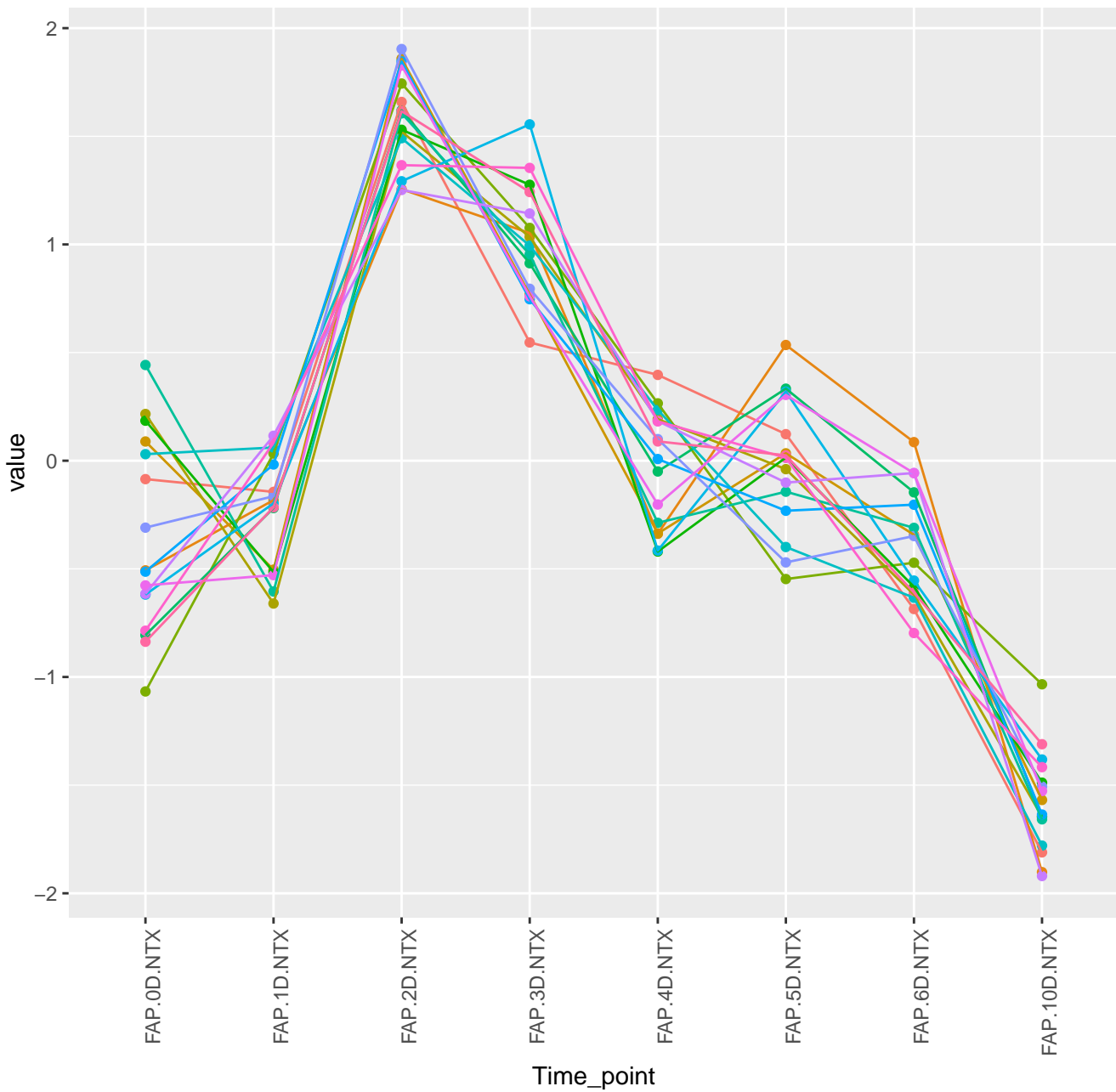
17 genes – cluster 83



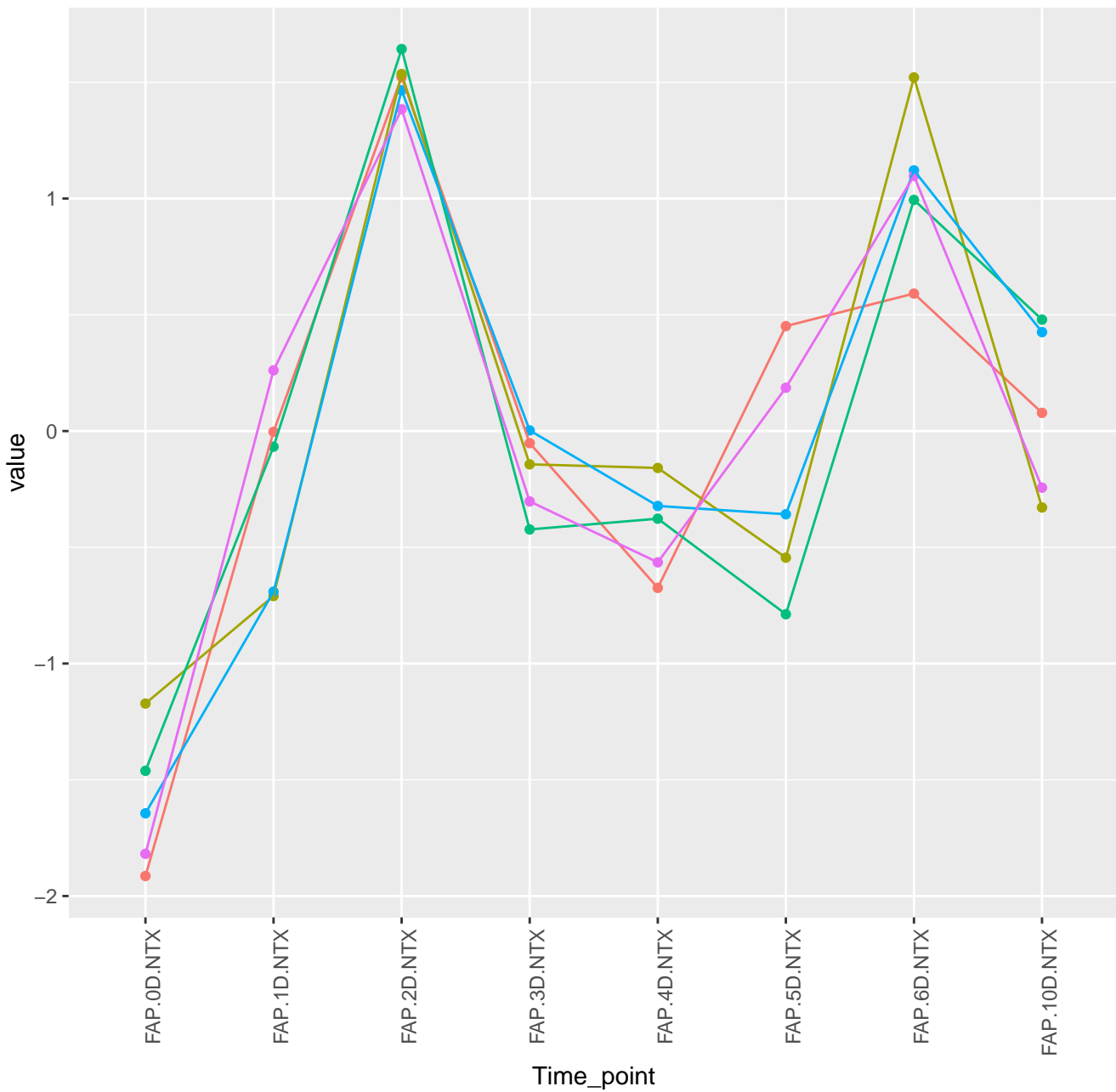
22 genes – cluster 84



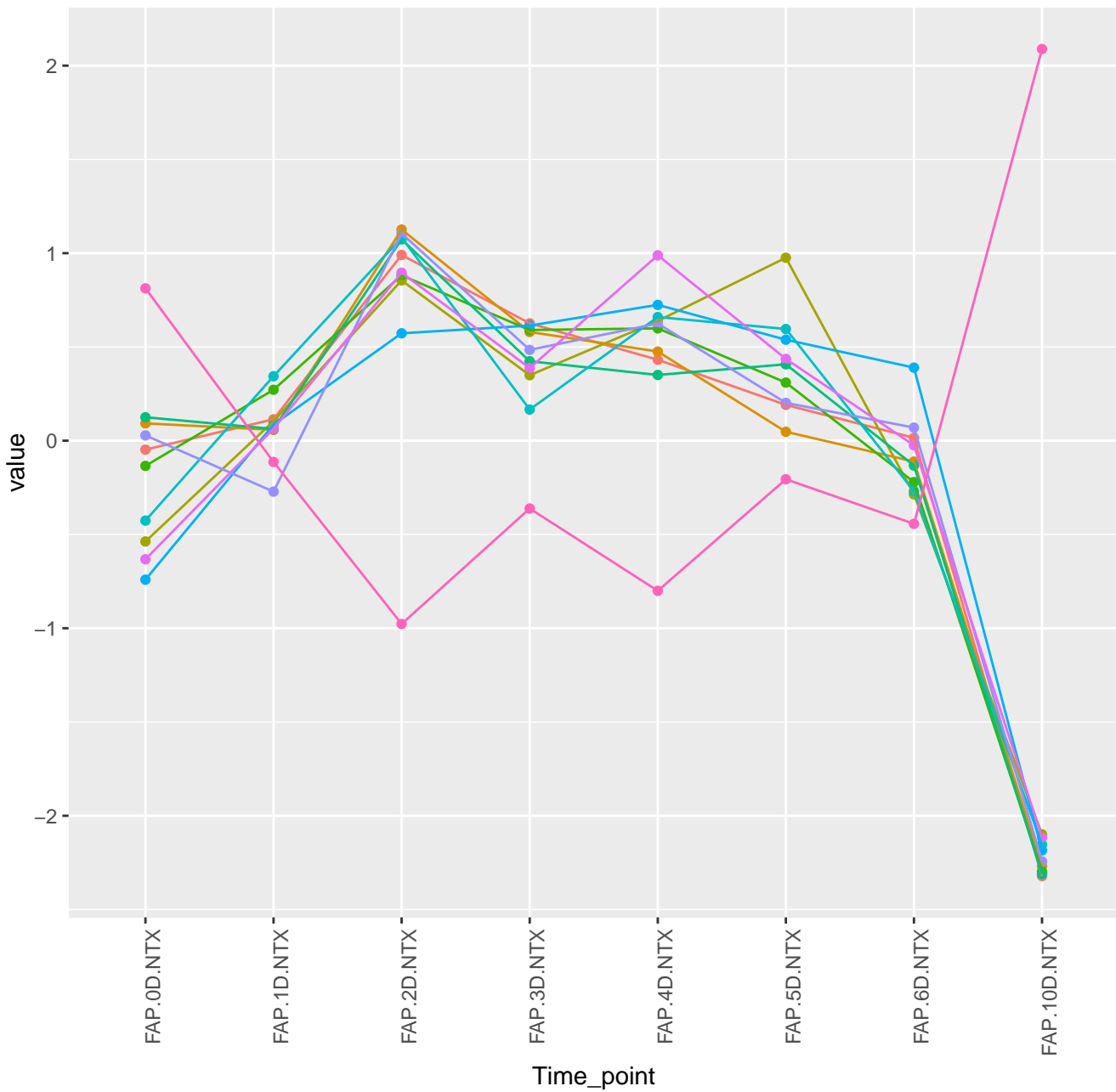
16 genes – cluster 85



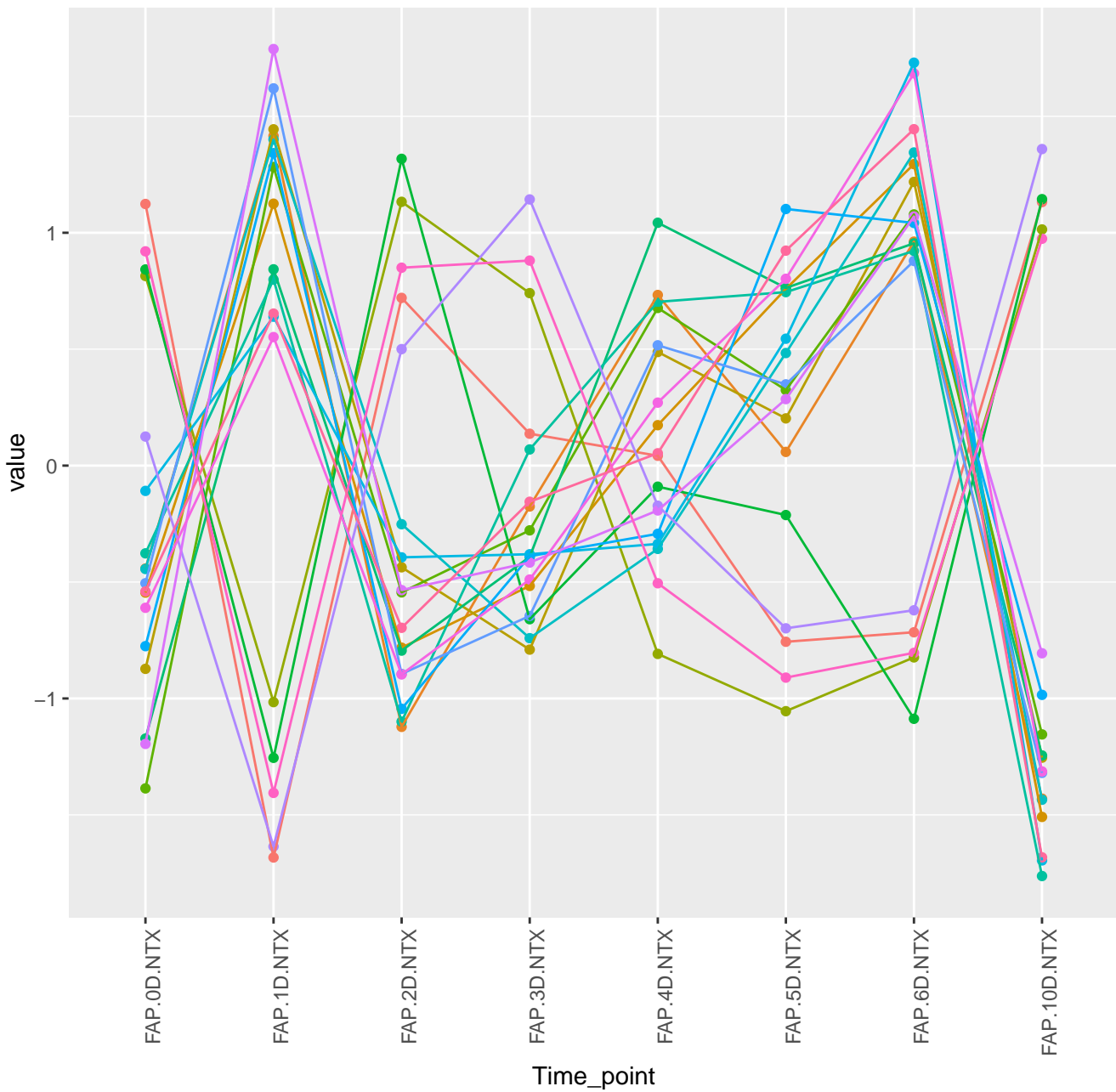
5 genes – cluster 86



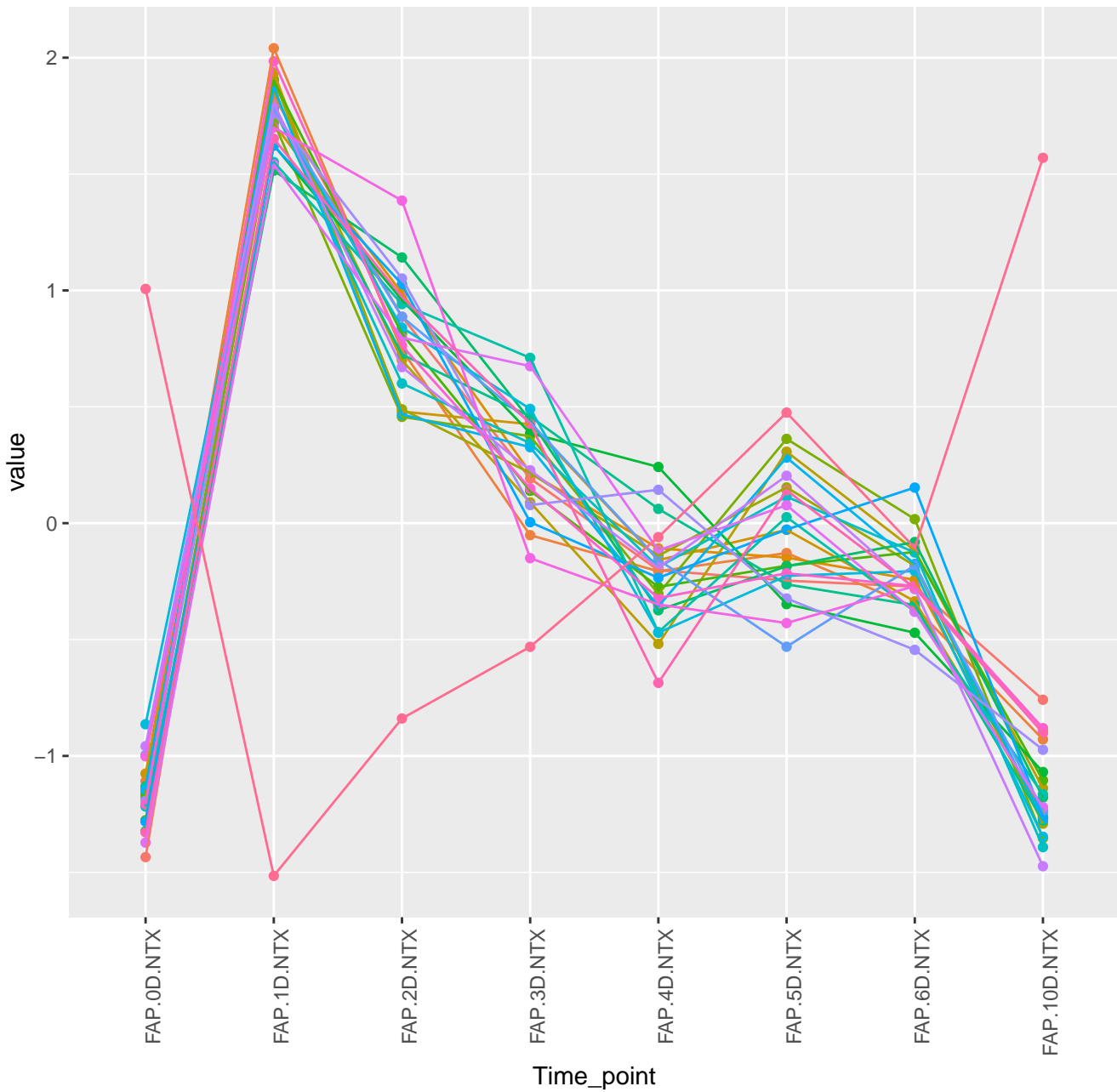
10 genes – cluster 87



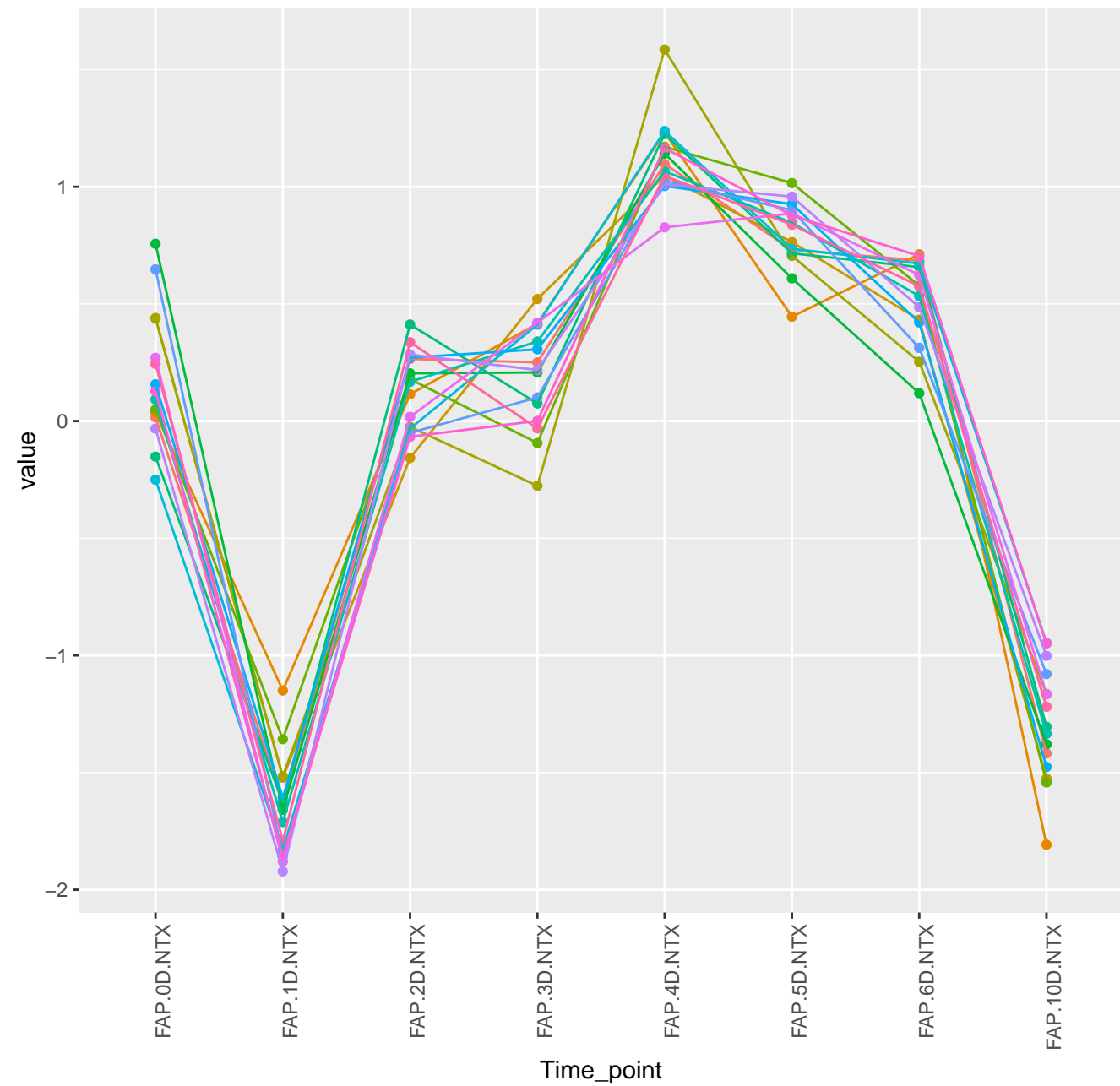
18 genes – cluster 88



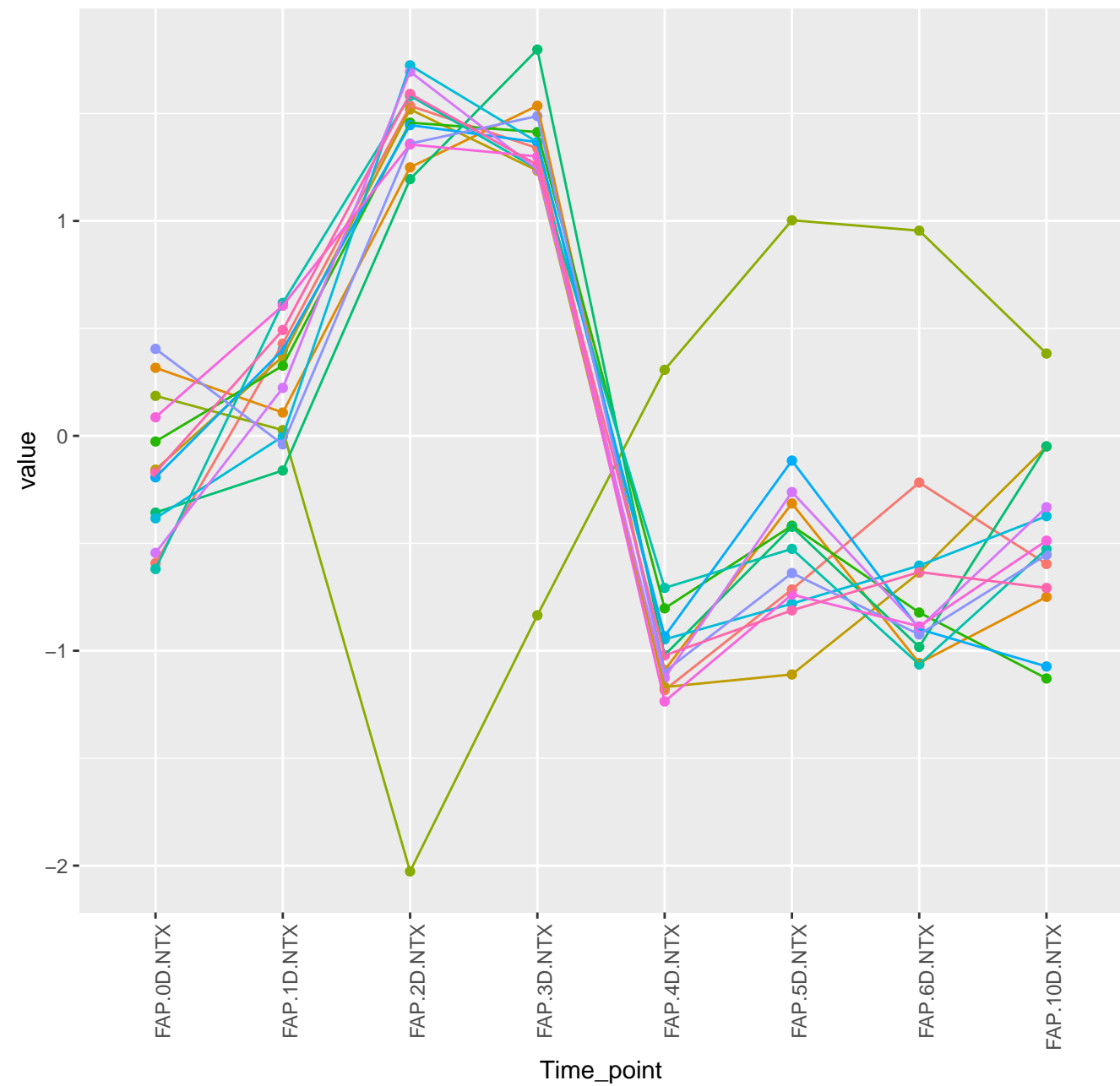
24 genes – cluster 89



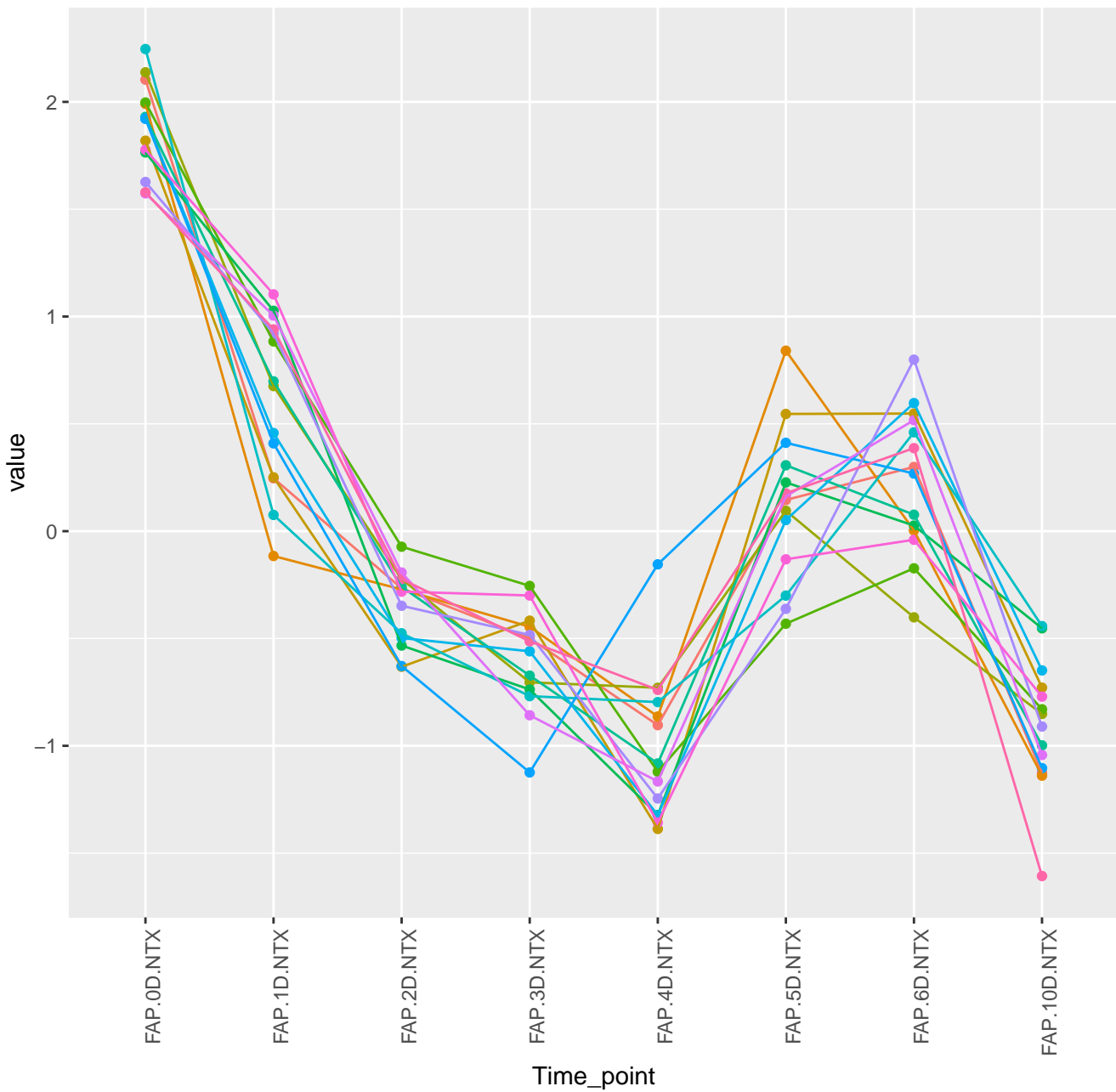
15 genes – cluster 91



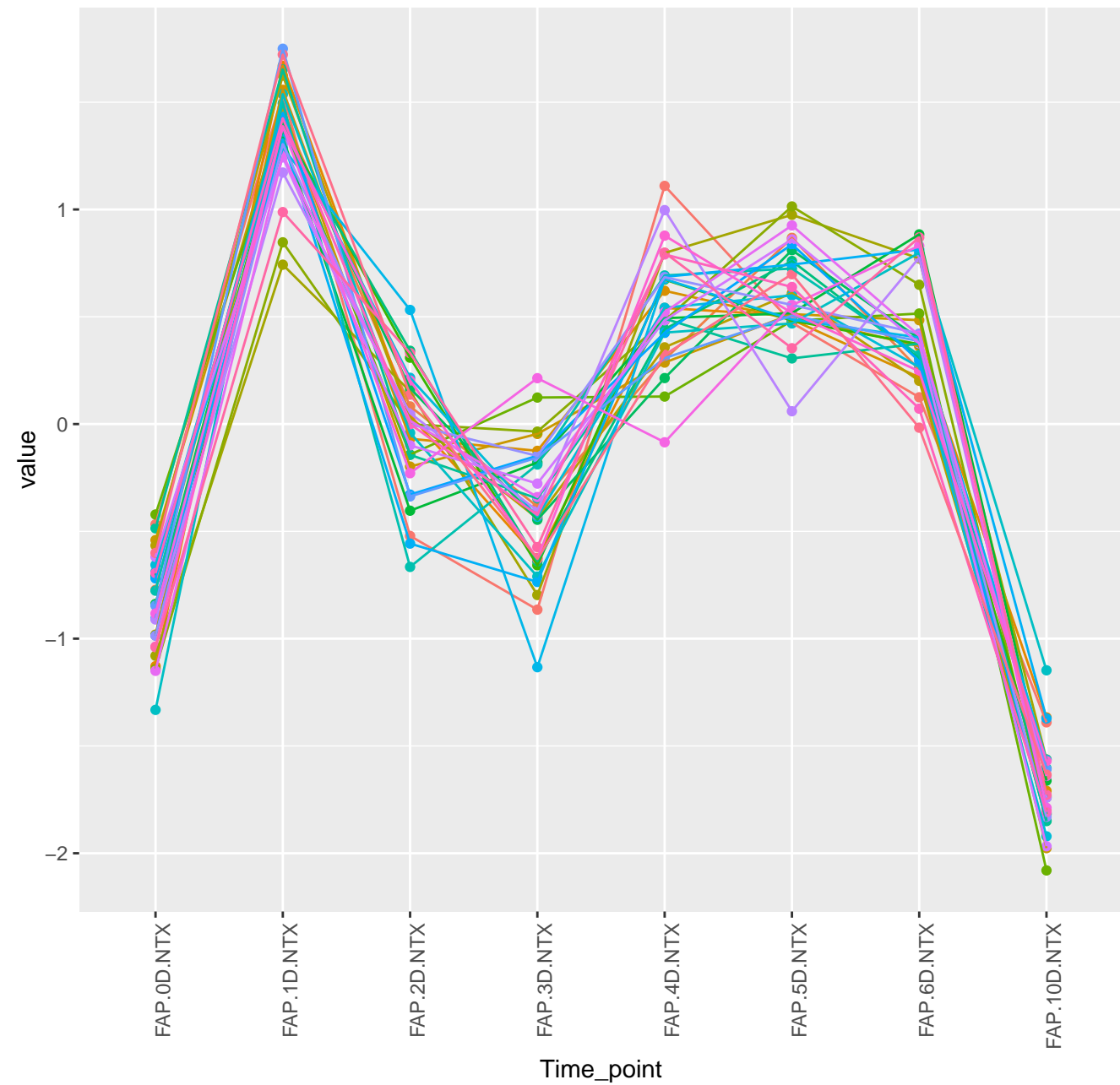
13 genes – cluster 92



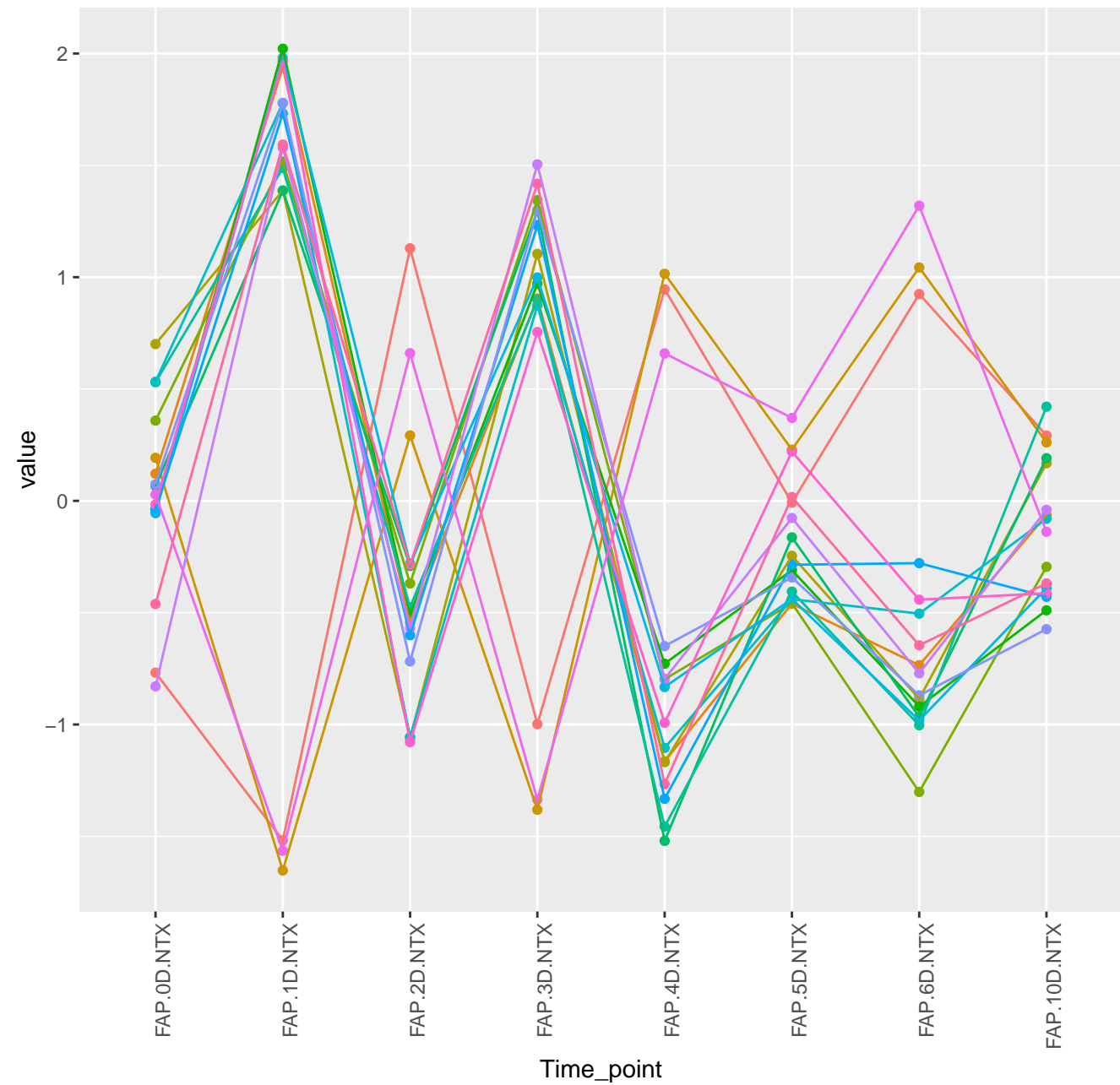
14 genes – cluster 93



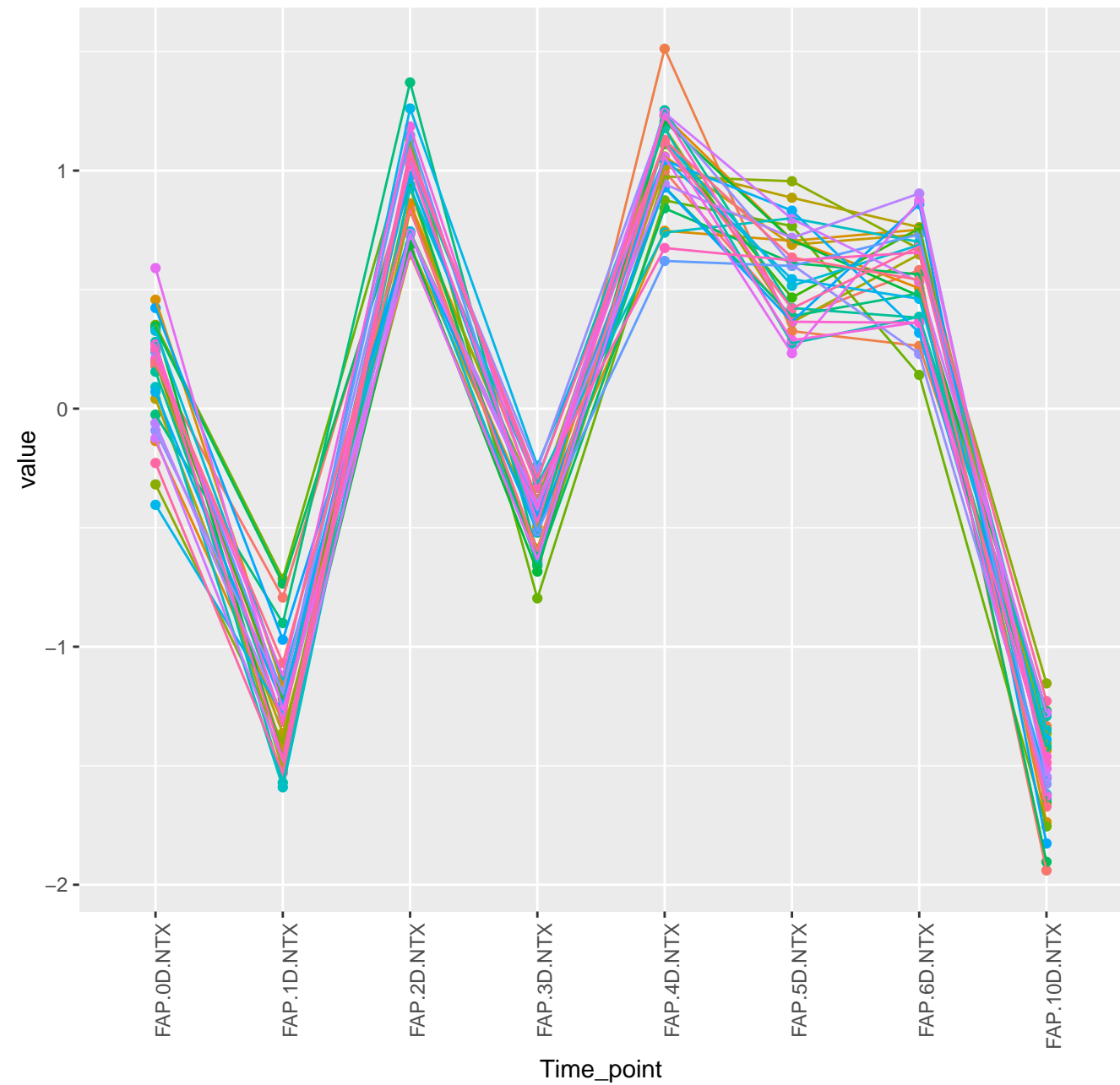
30 genes – cluster 94



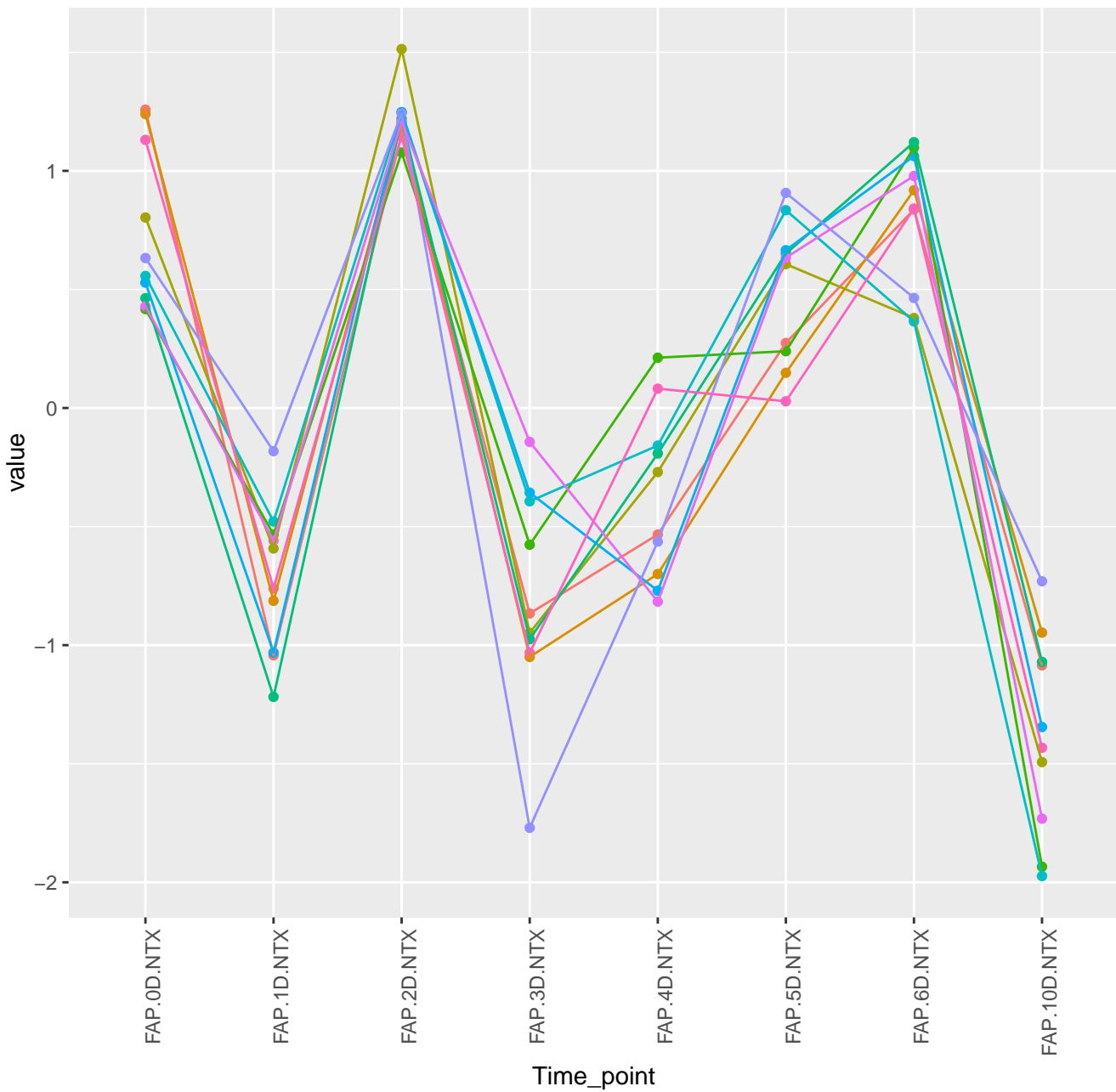
16 genes – cluster 95



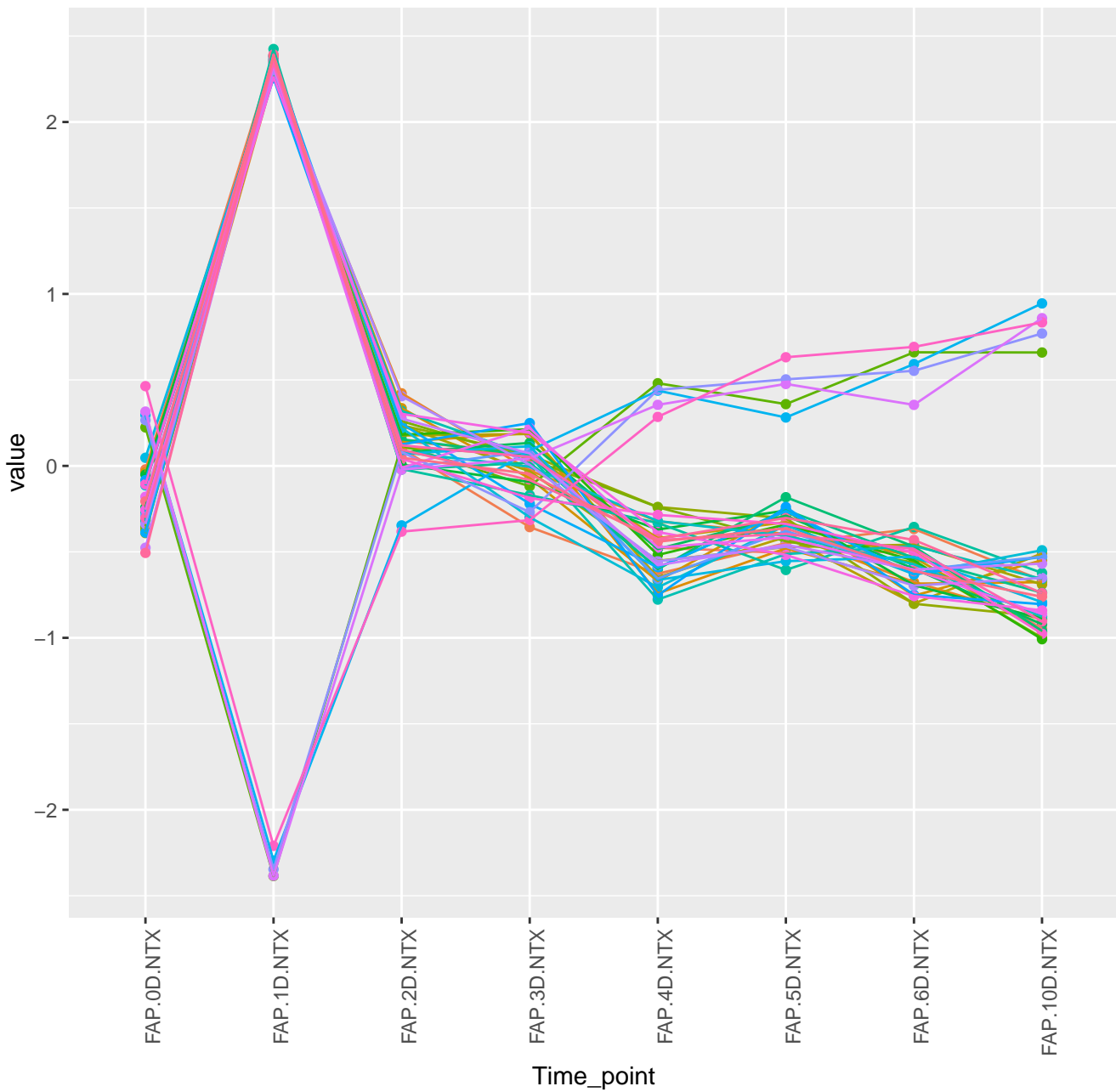
30 genes – cluster 96



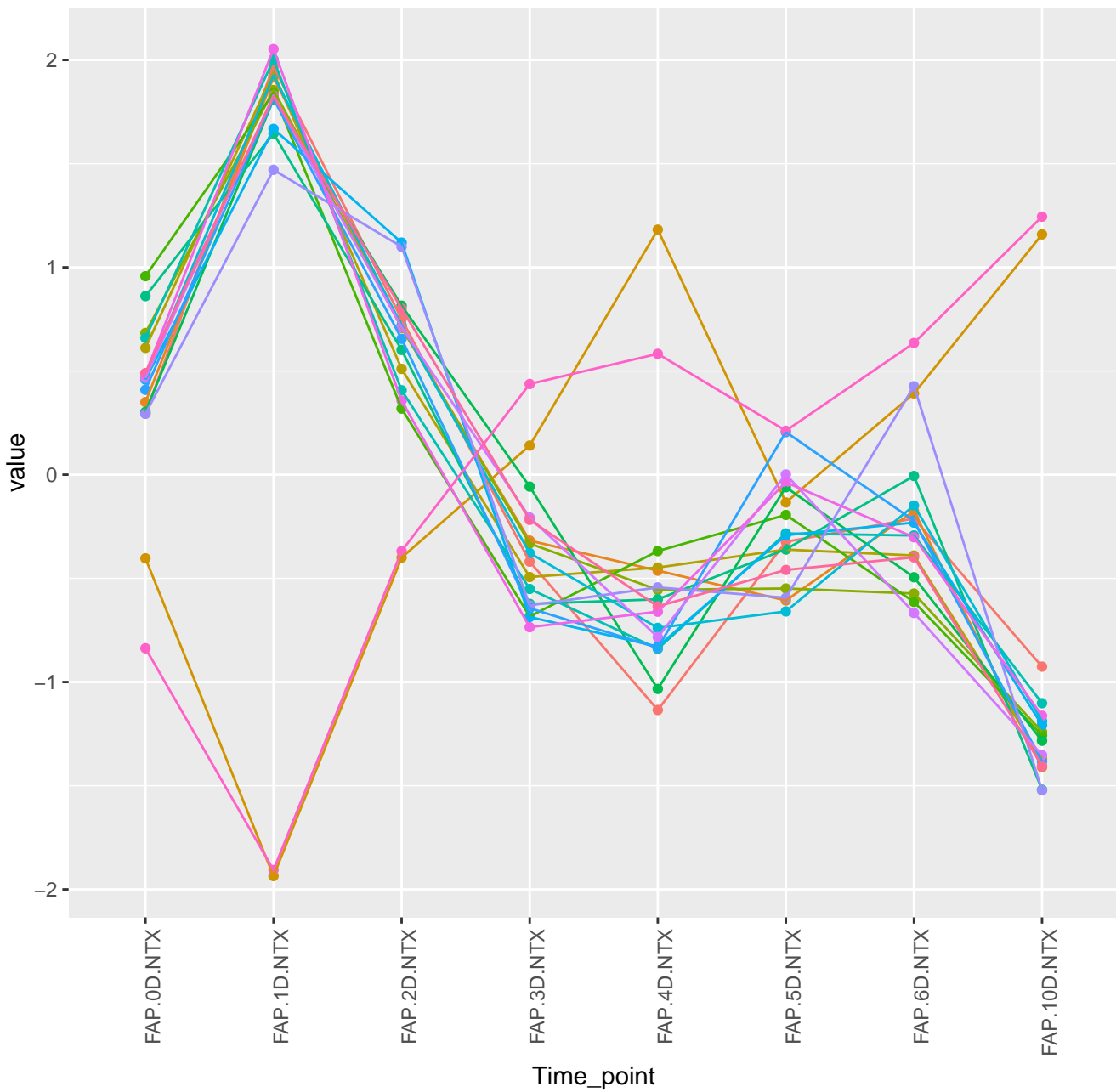
10 genes – cluster 97



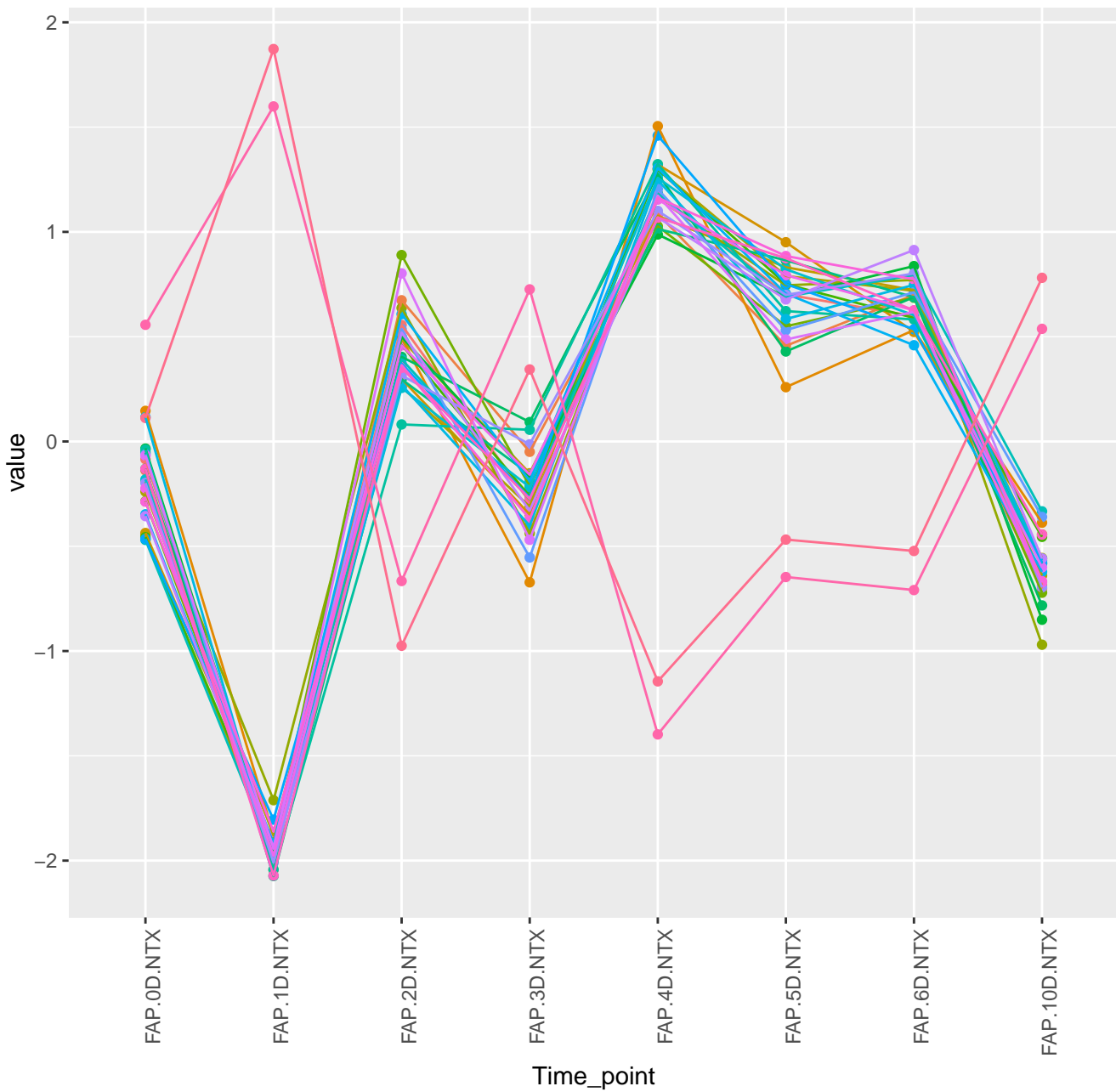
36 genes – cluster 98



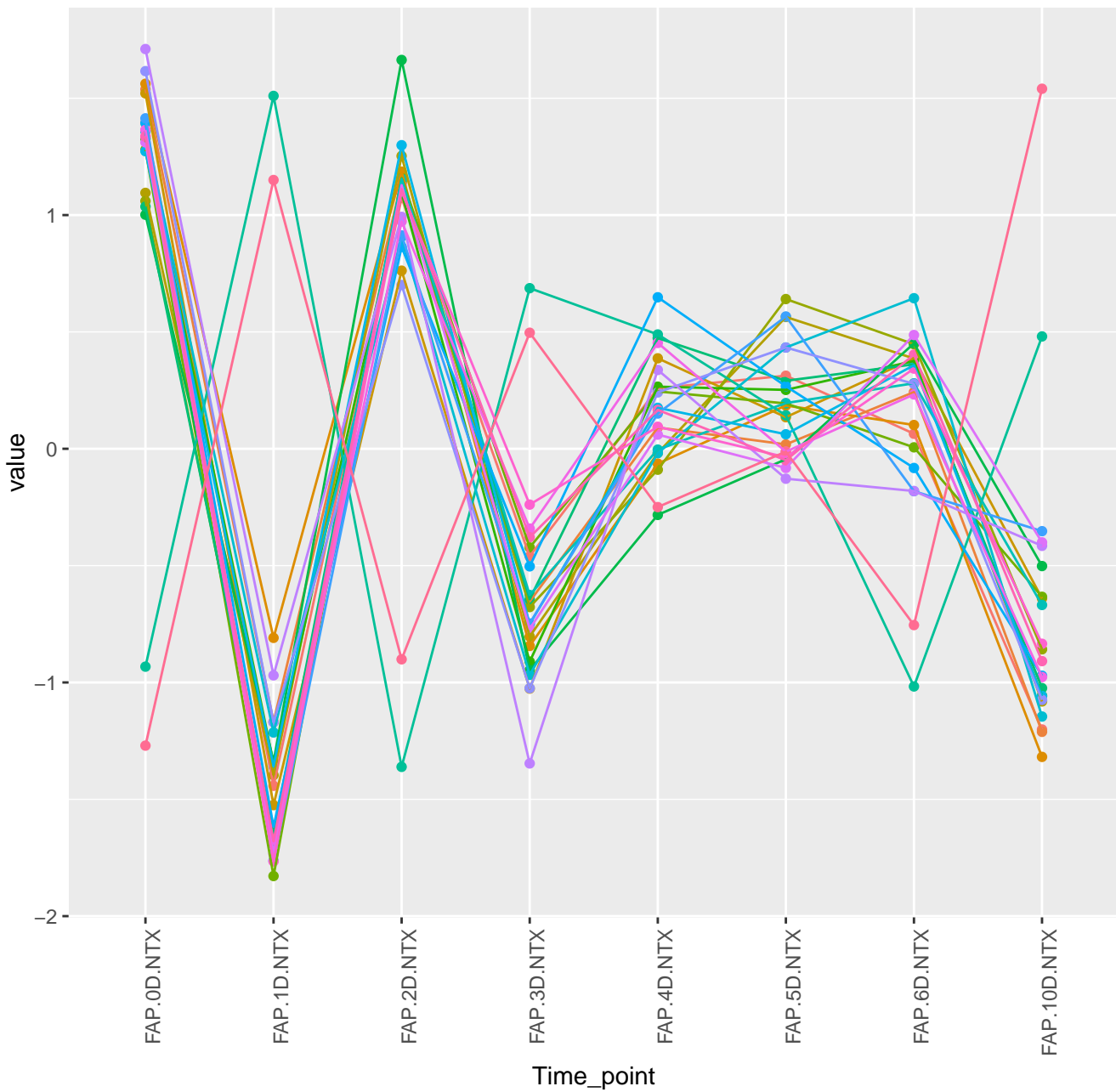
17 genes – cluster 99



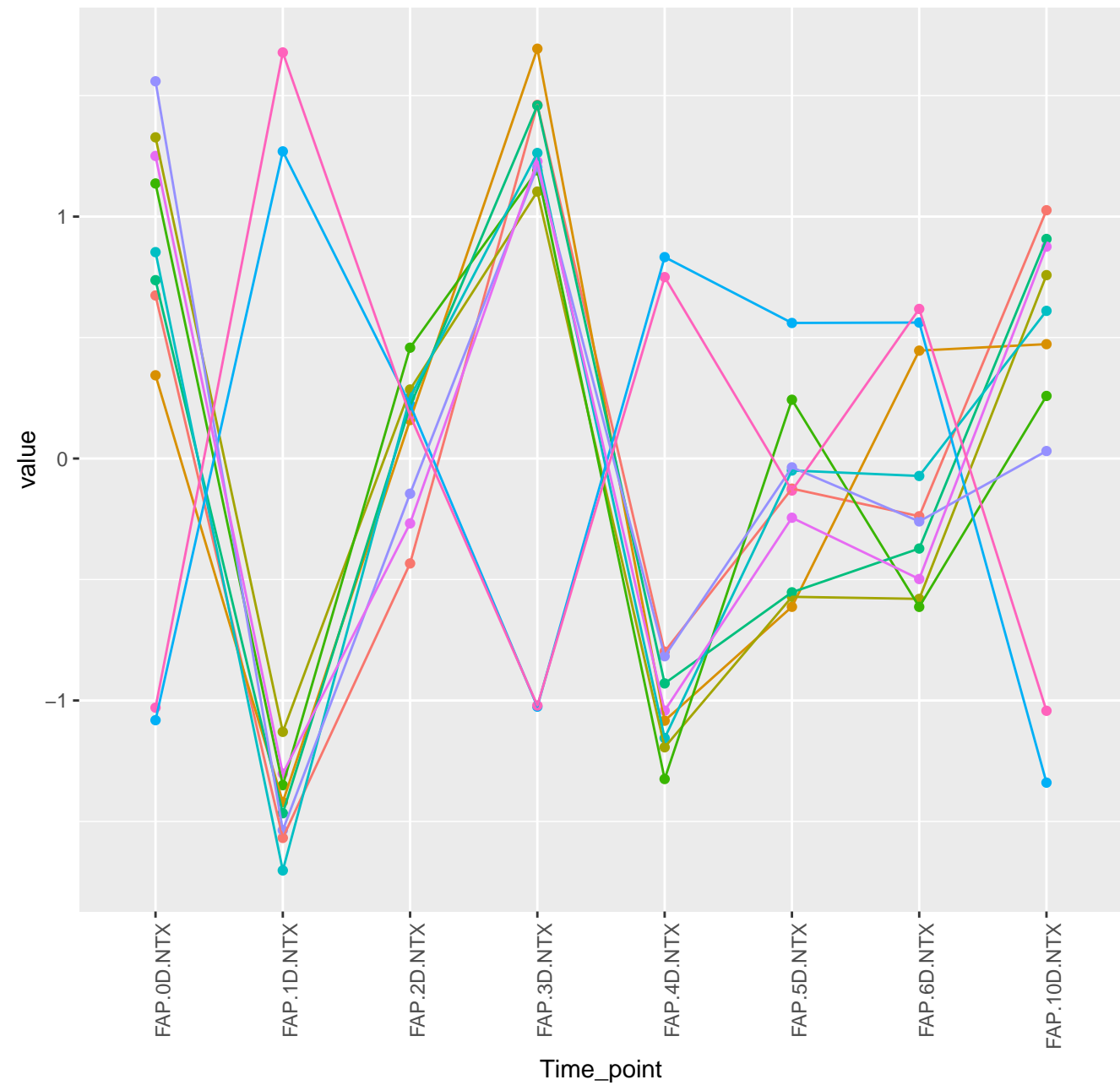
27 genes – cluster 100



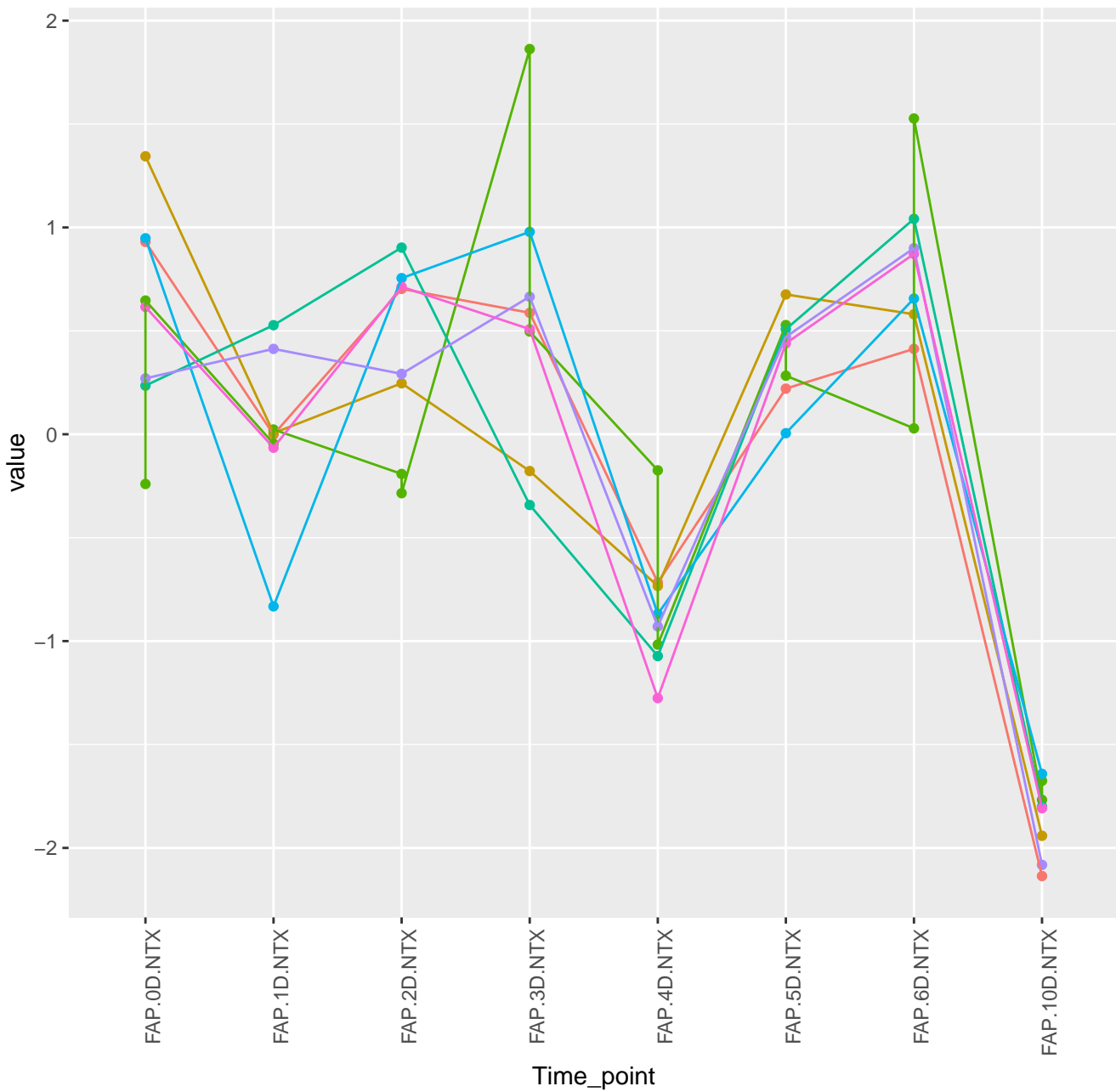
23 genes – cluster 101



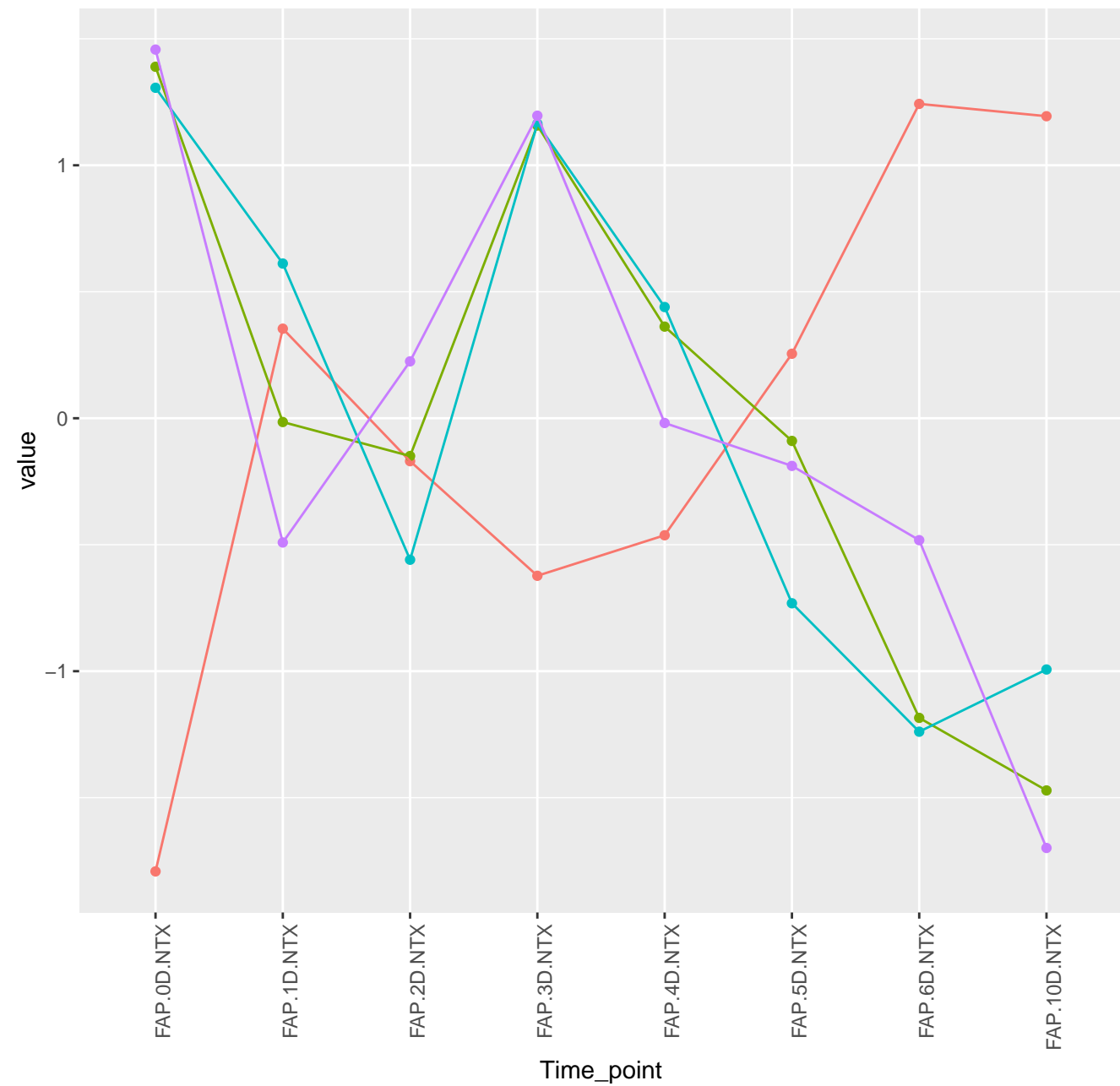
10 genes – cluster 102



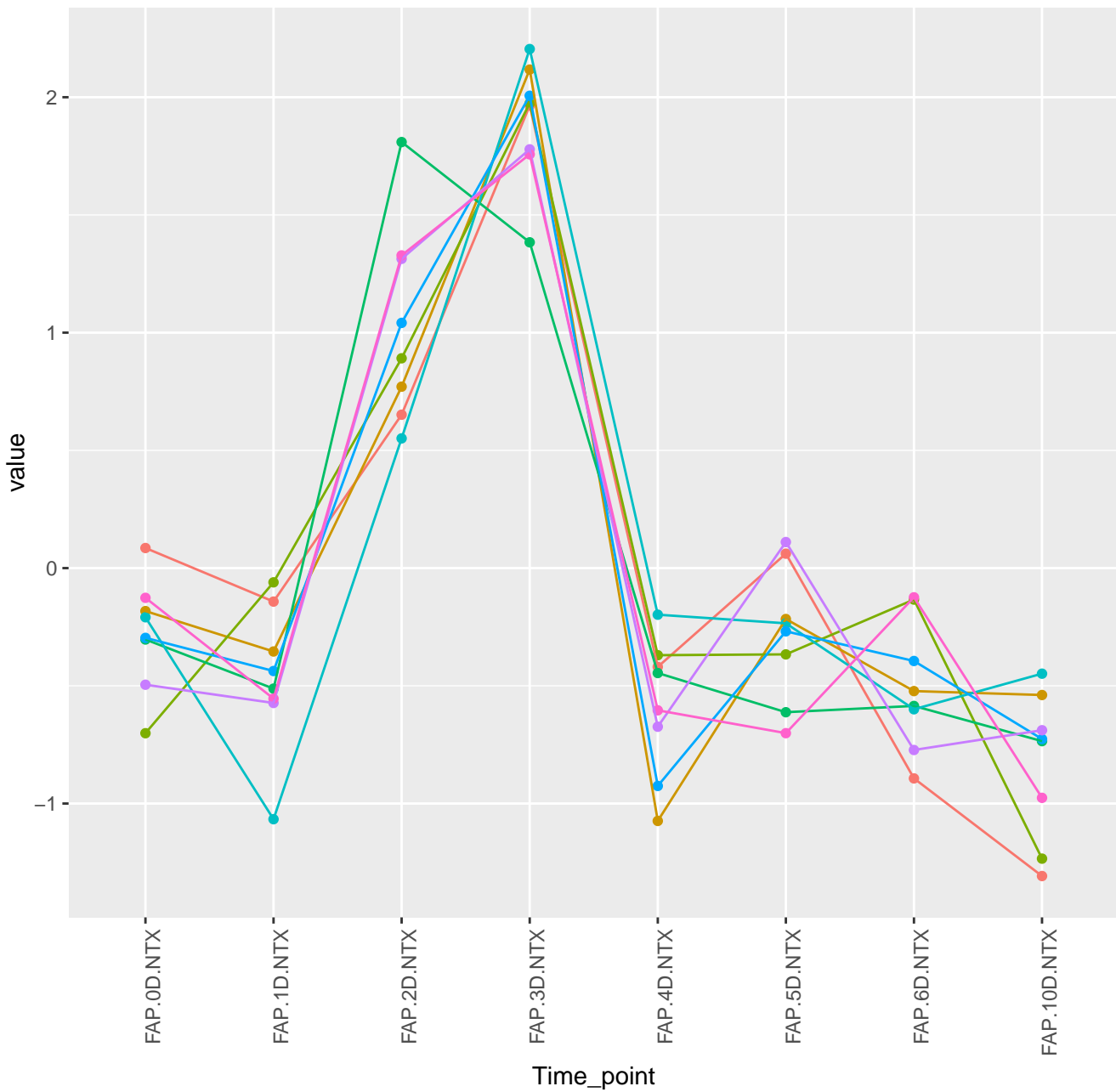
8 genes – cluster 103



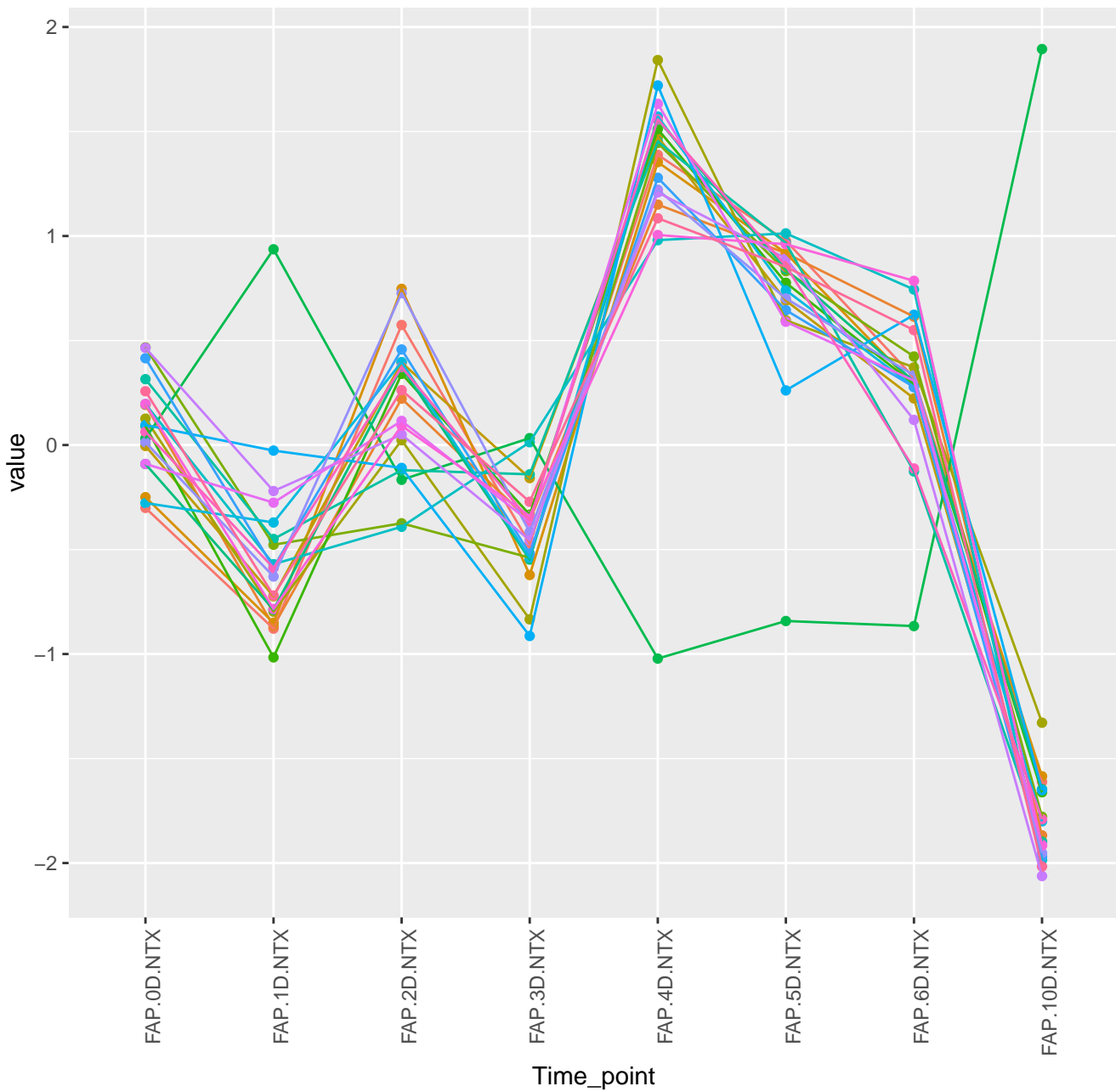
4 genes – cluster 104



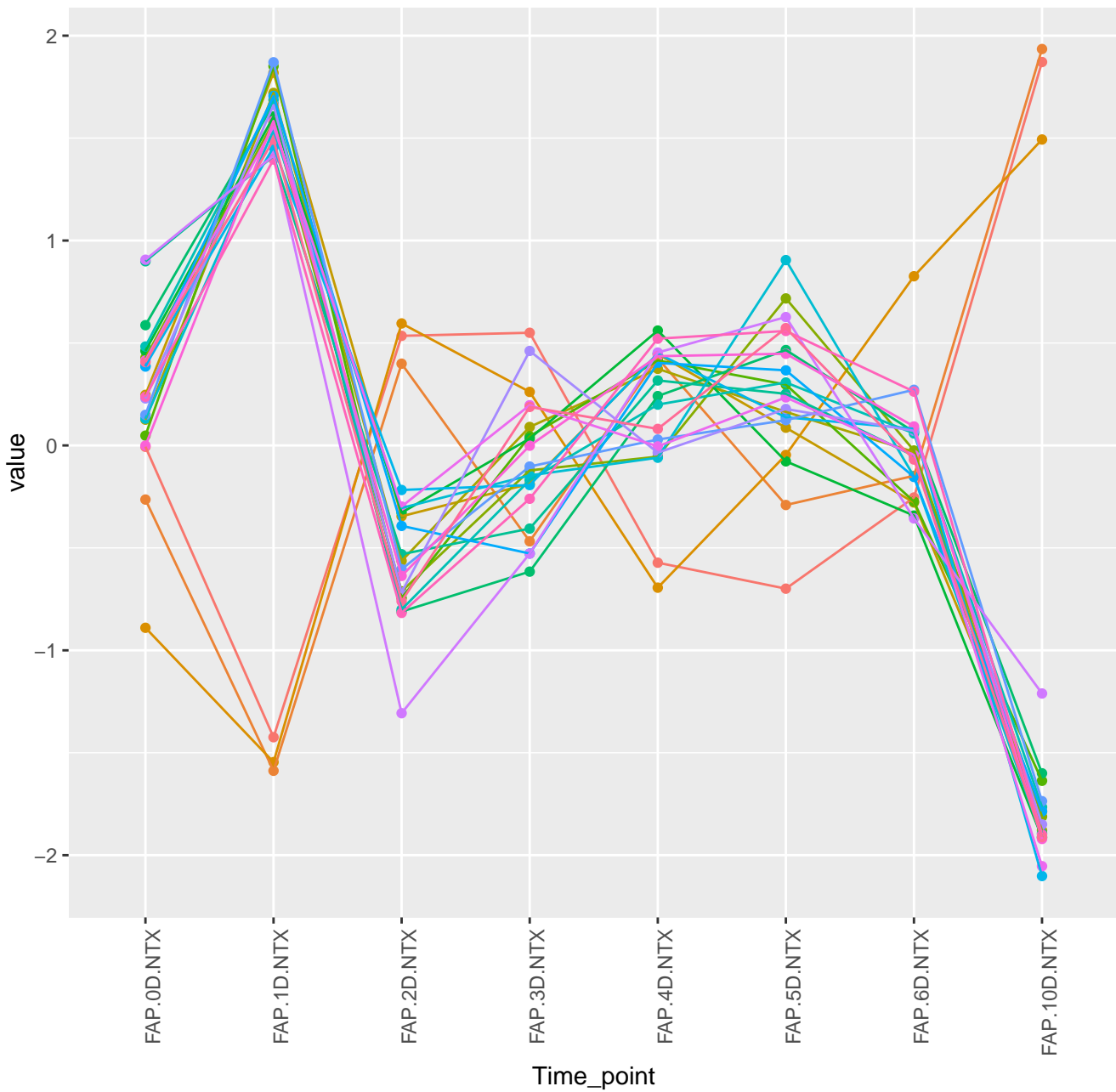
8 genes – cluster 105



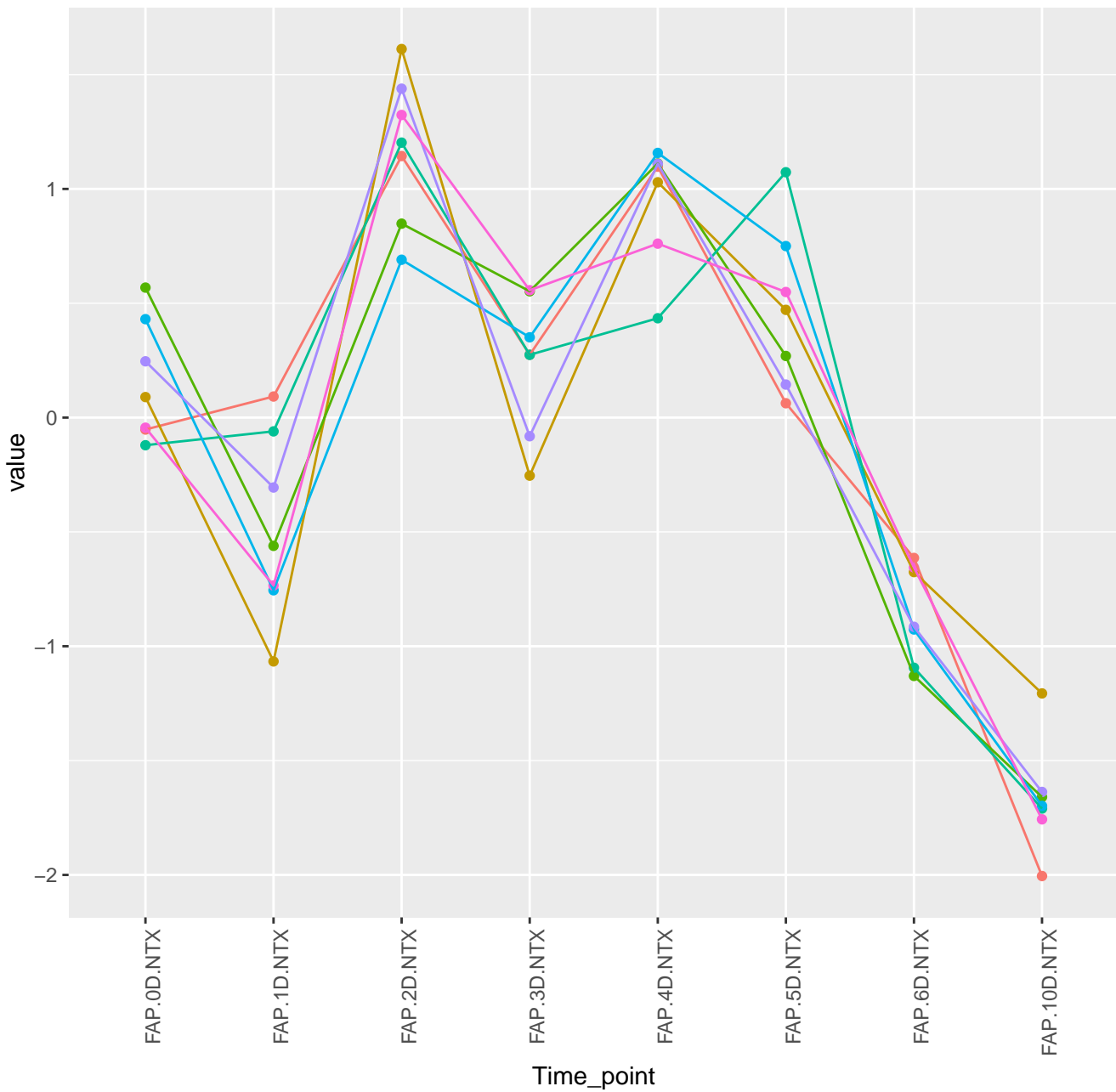
20 genes – cluster 106



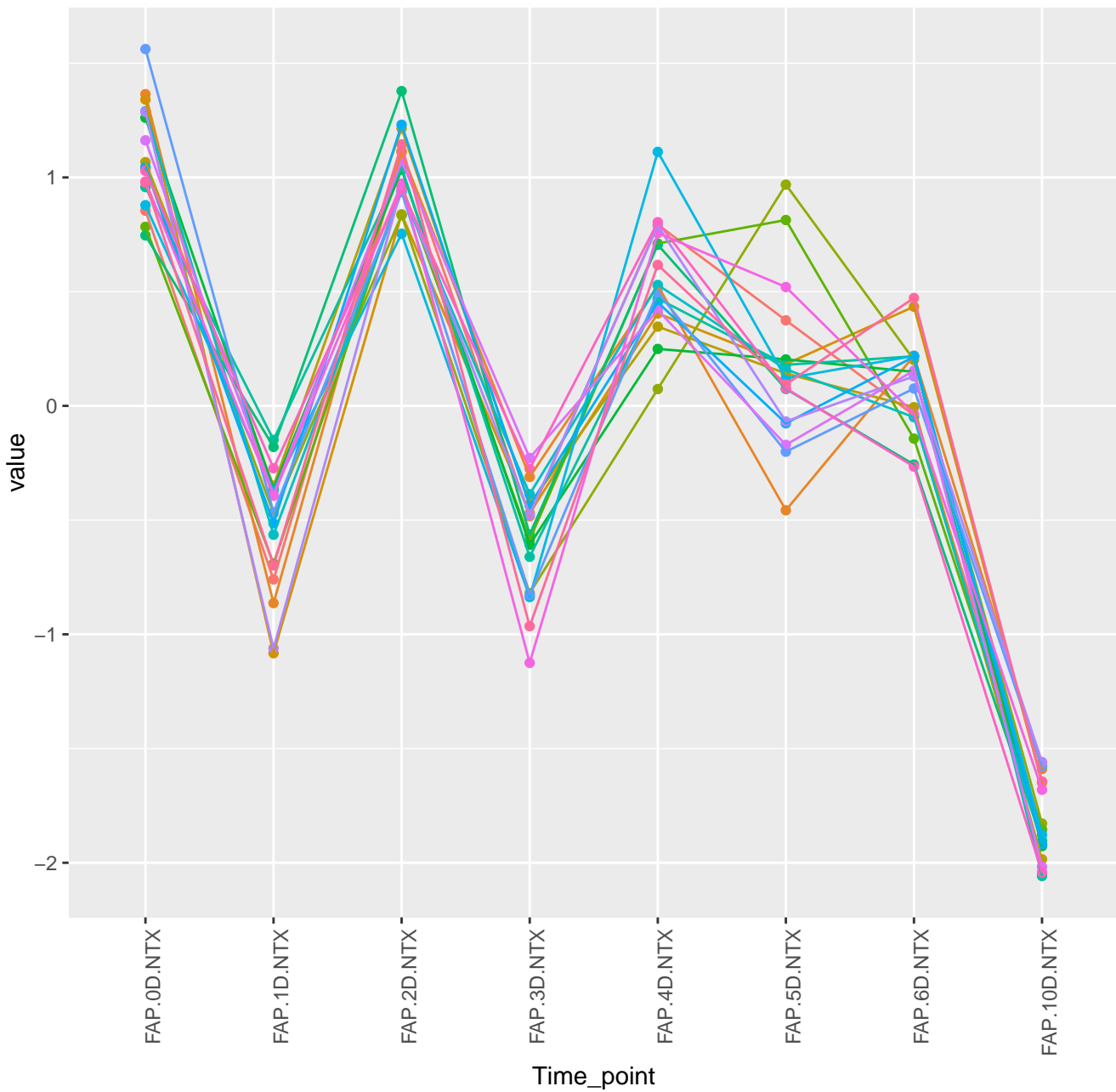
21 genes – cluster 107



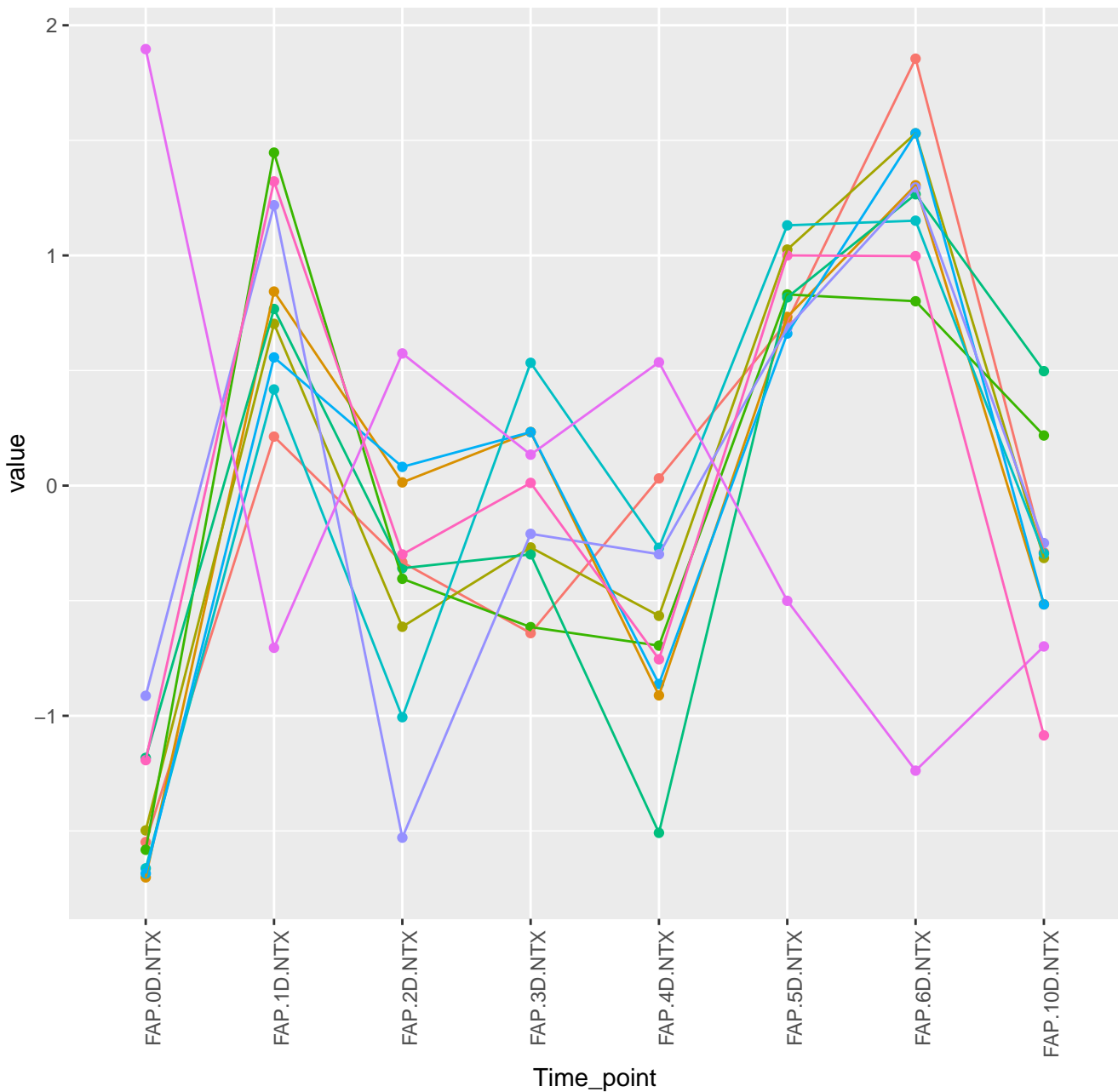
7 genes – cluster 108



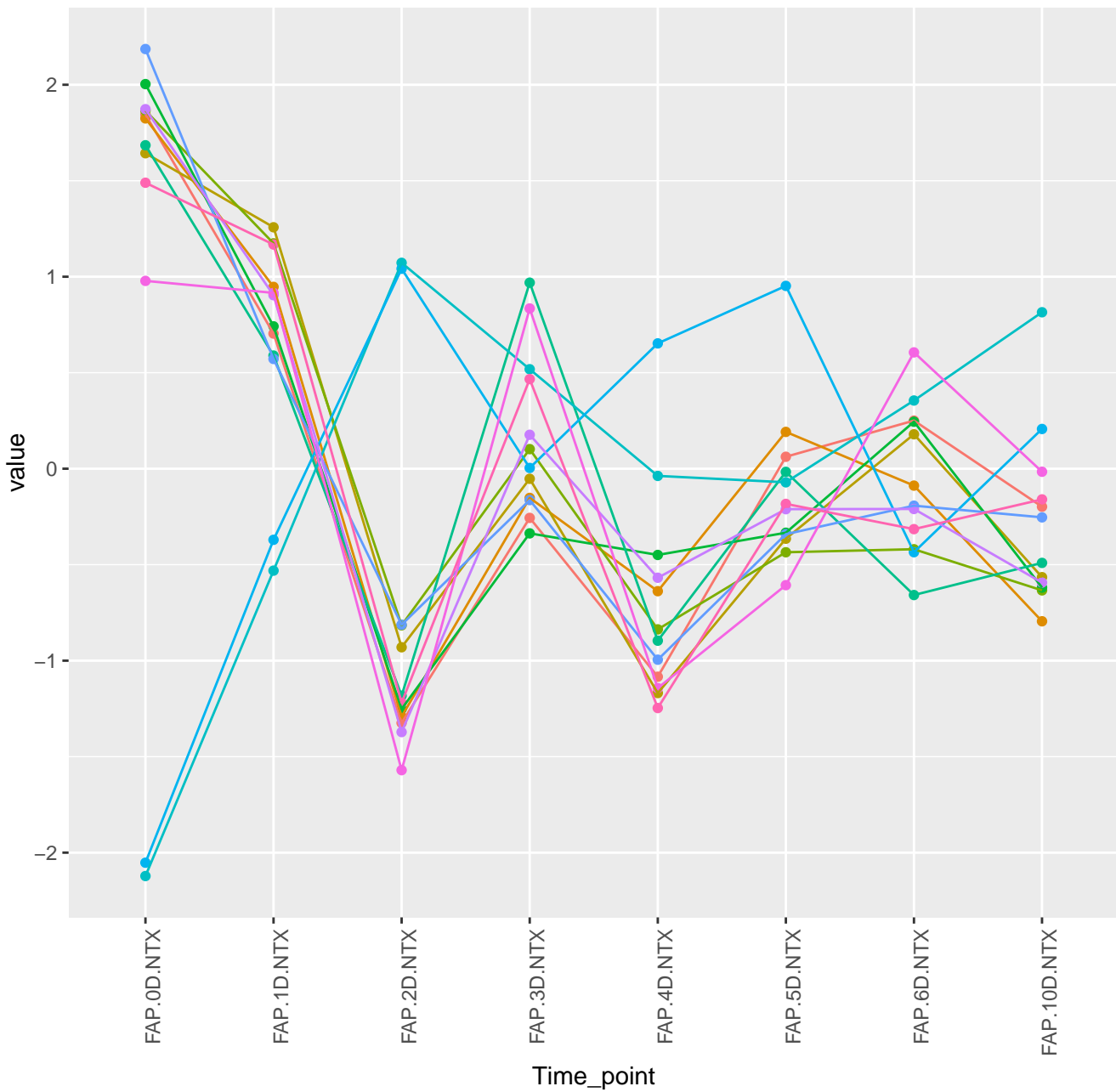
18 genes – cluster 109



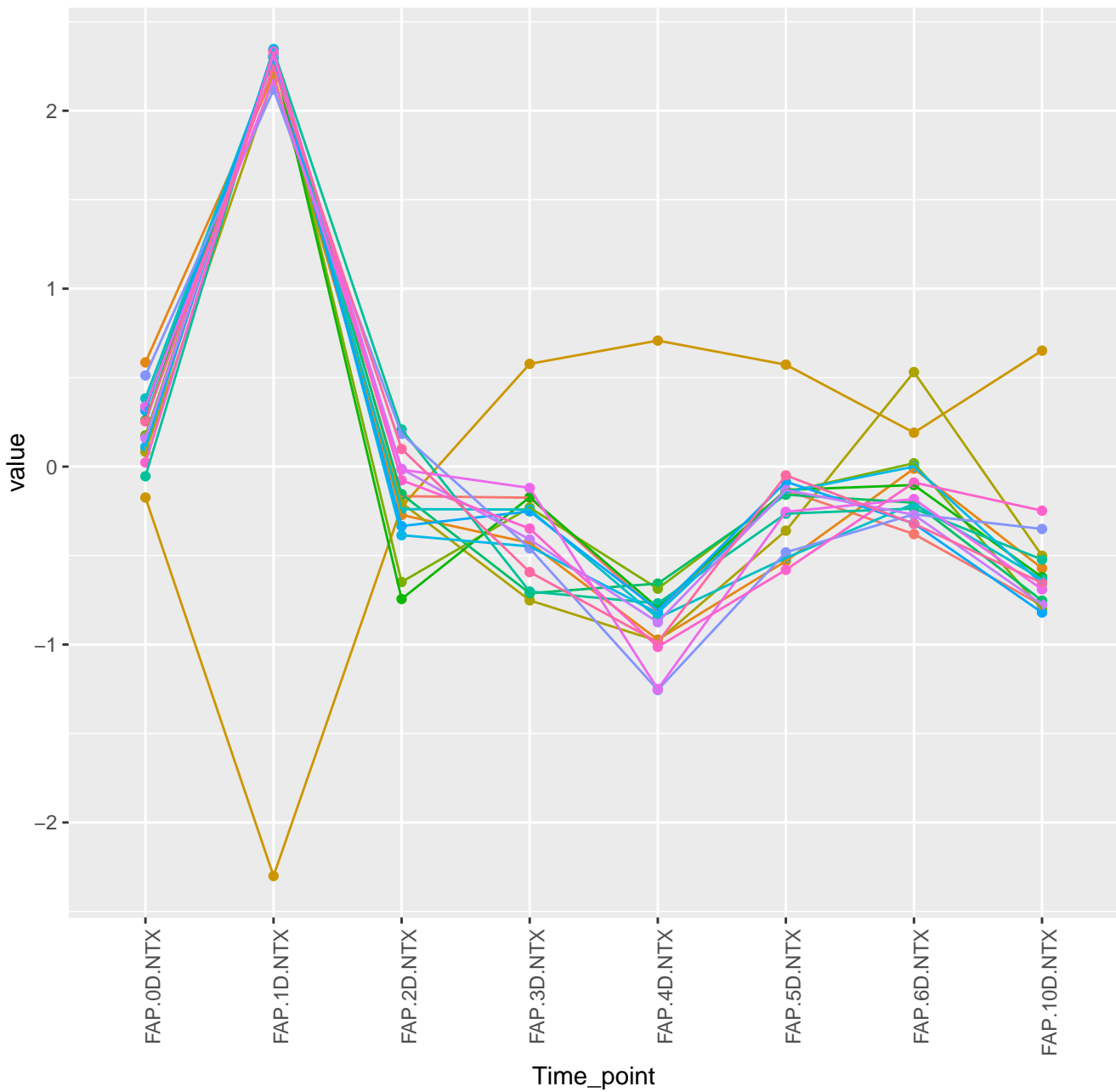
10 genes – cluster 110



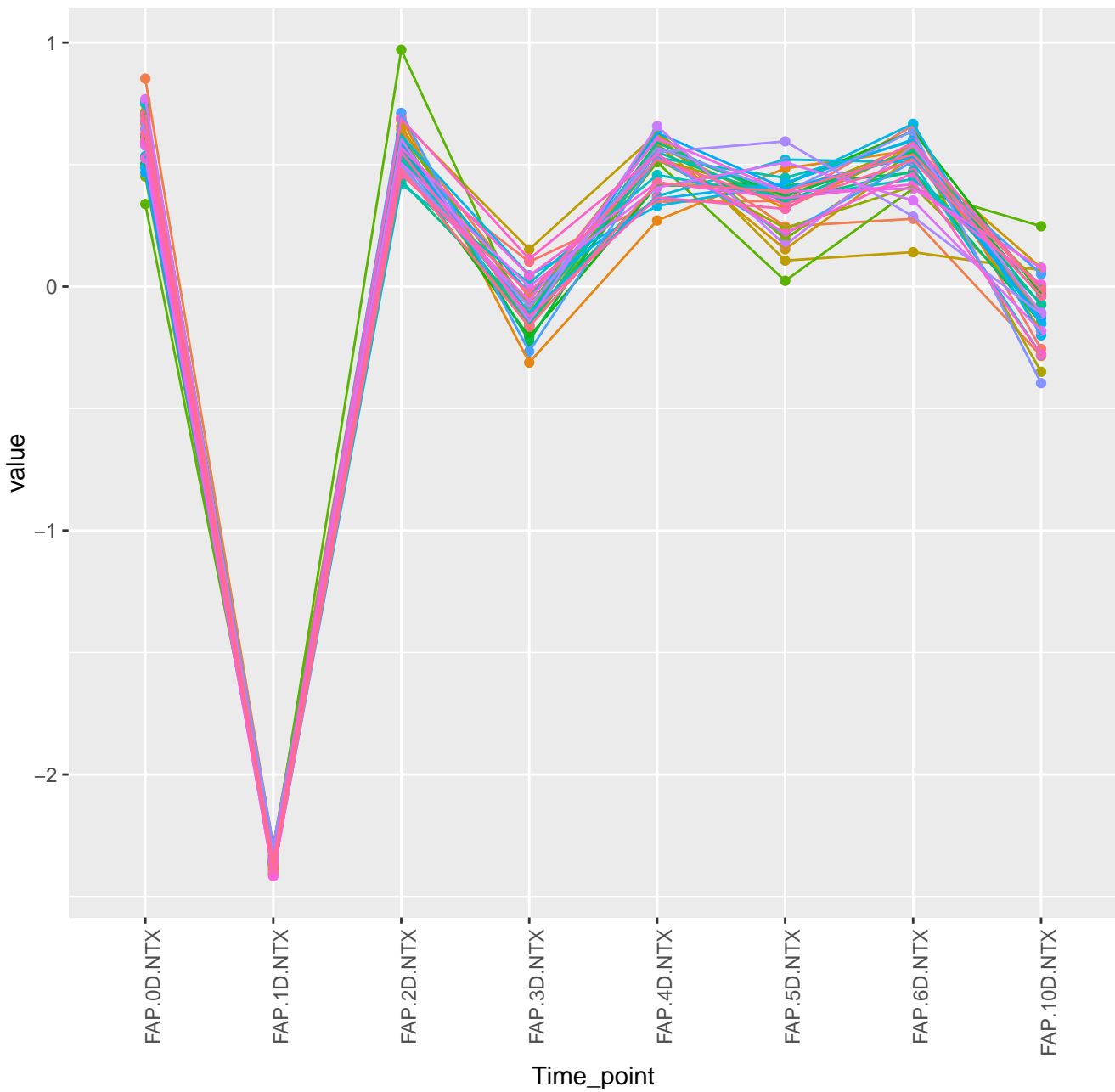
12 genes – cluster 111



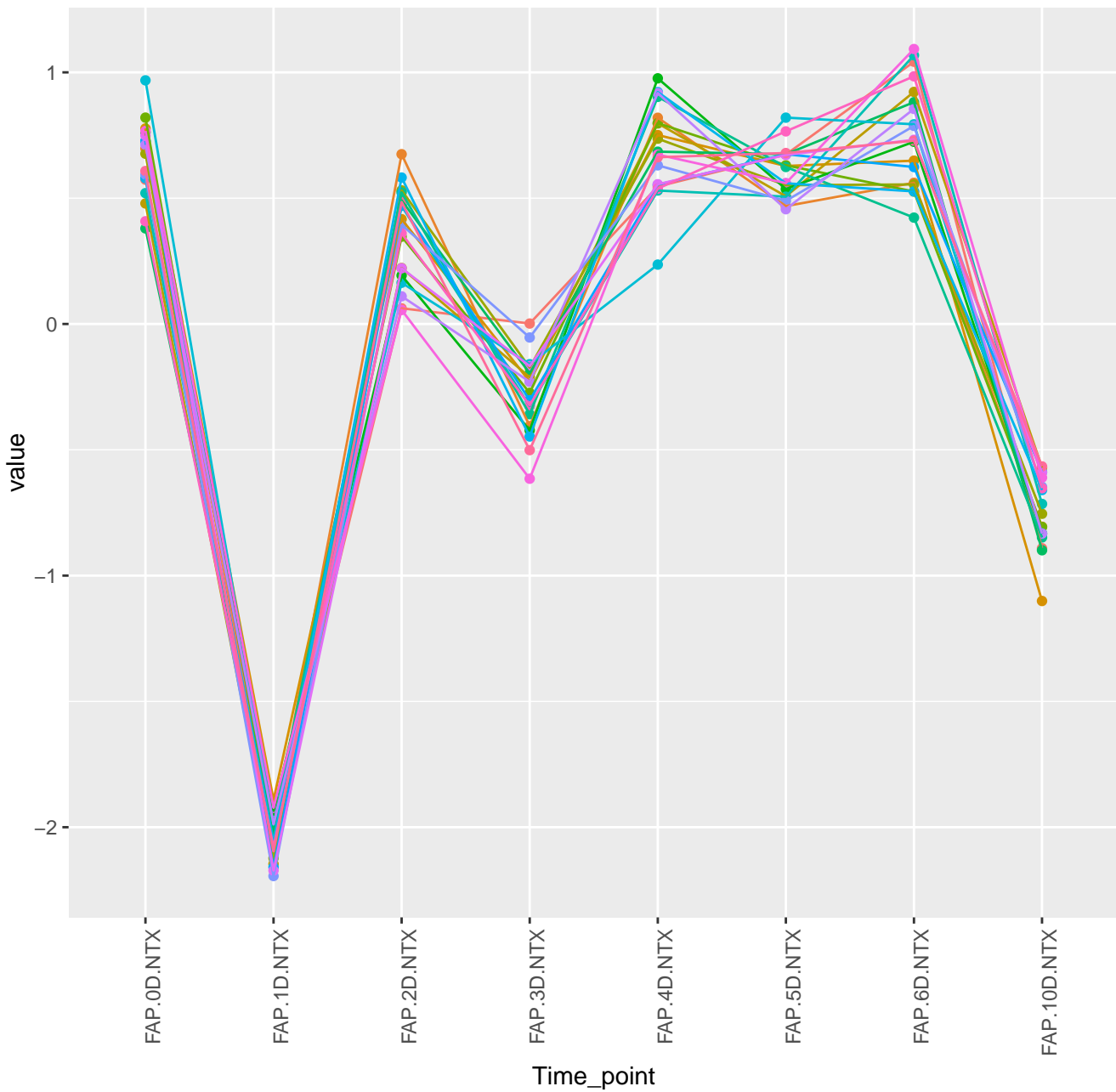
16 genes – cluster 112



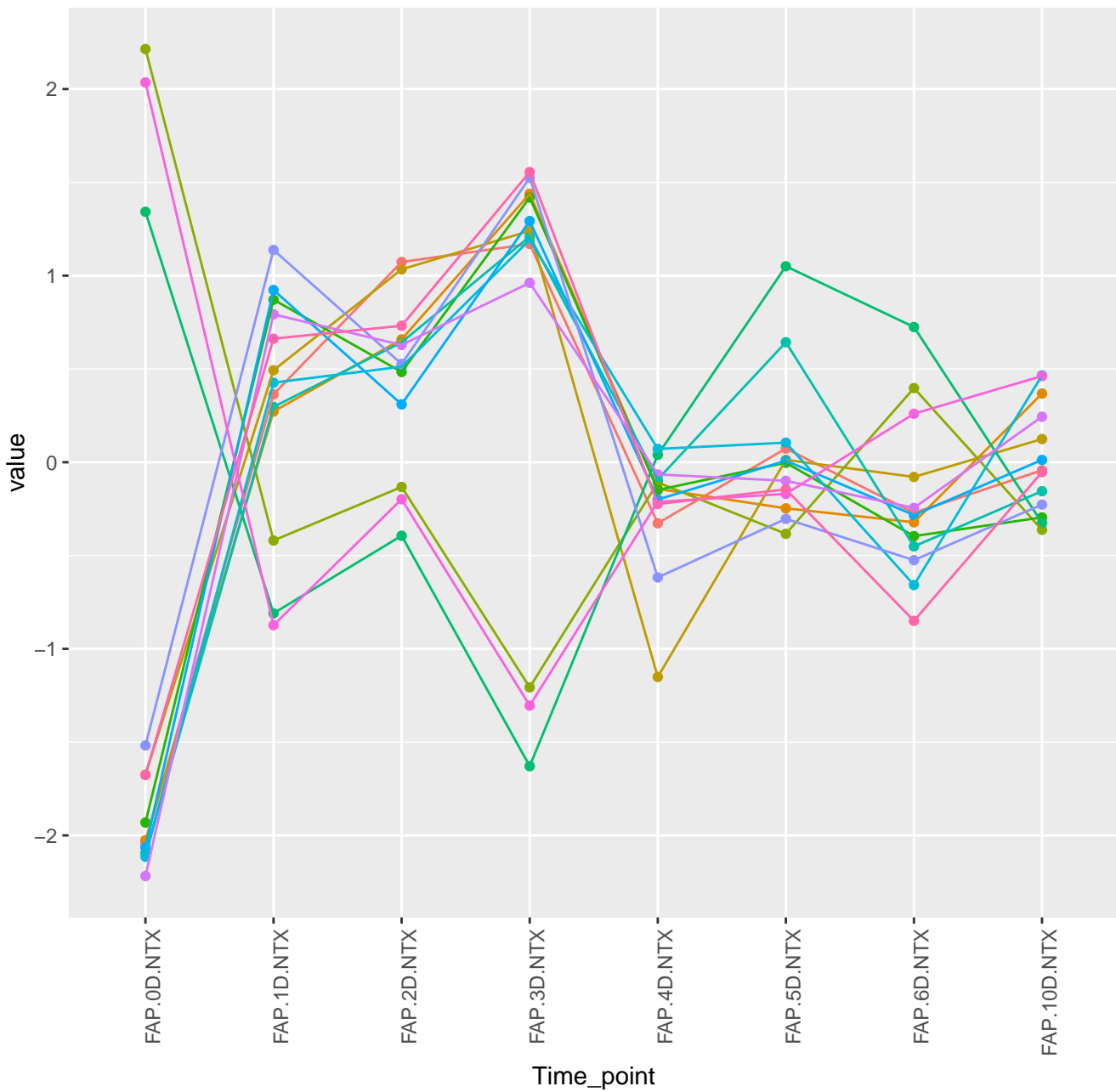
32 genes – cluster 113



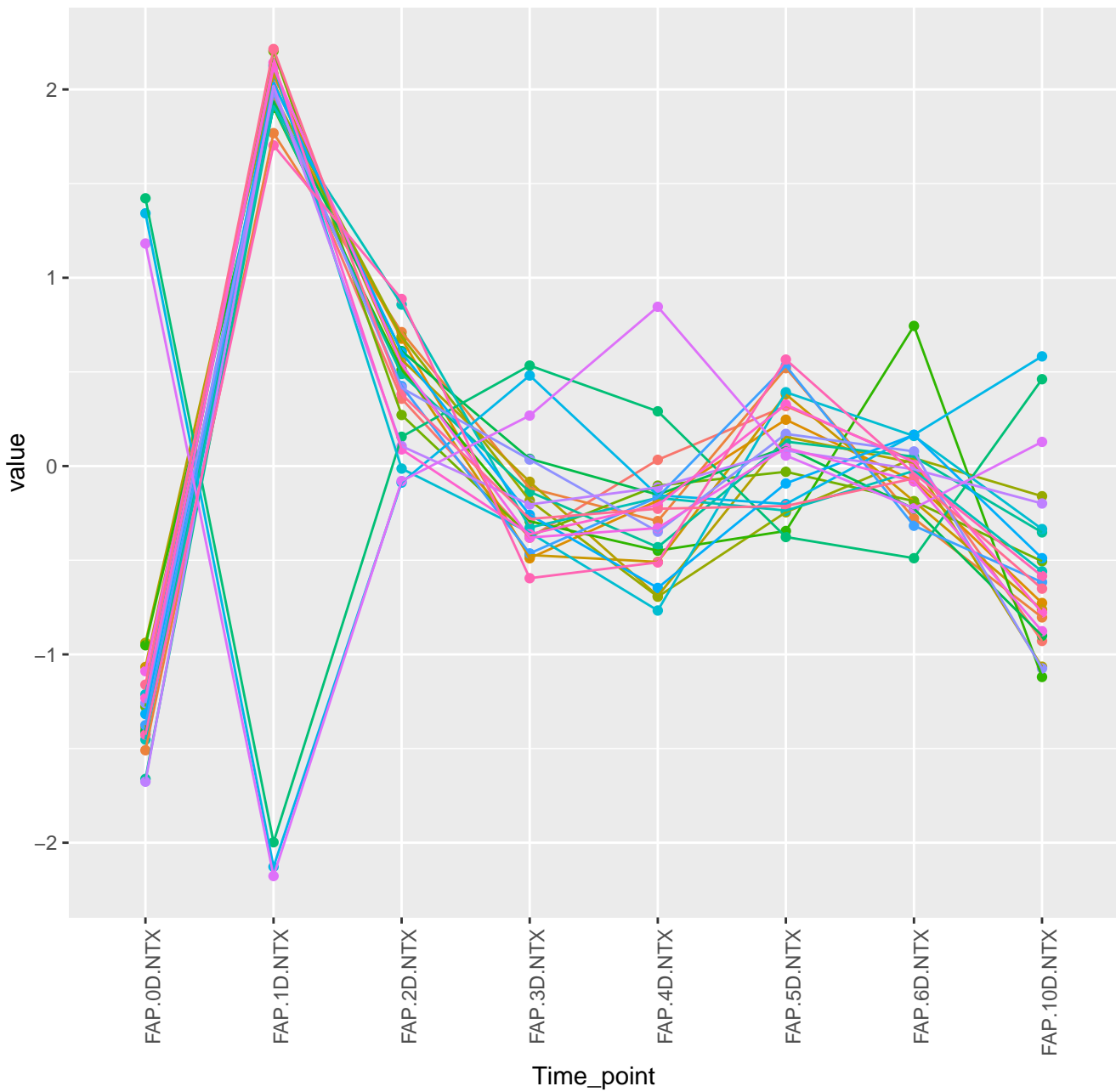
19 genes – cluster 114



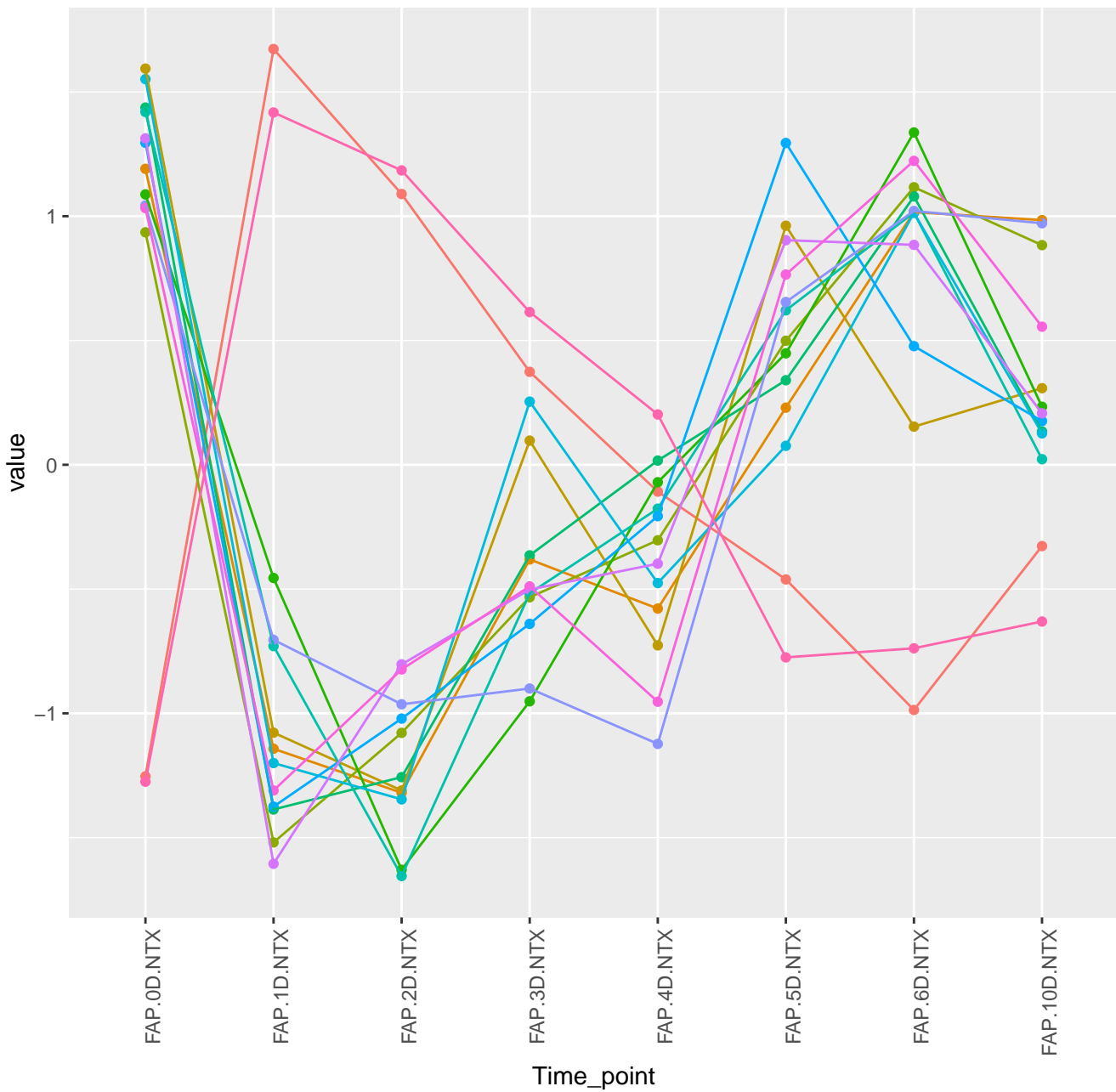
13 genes – cluster 115



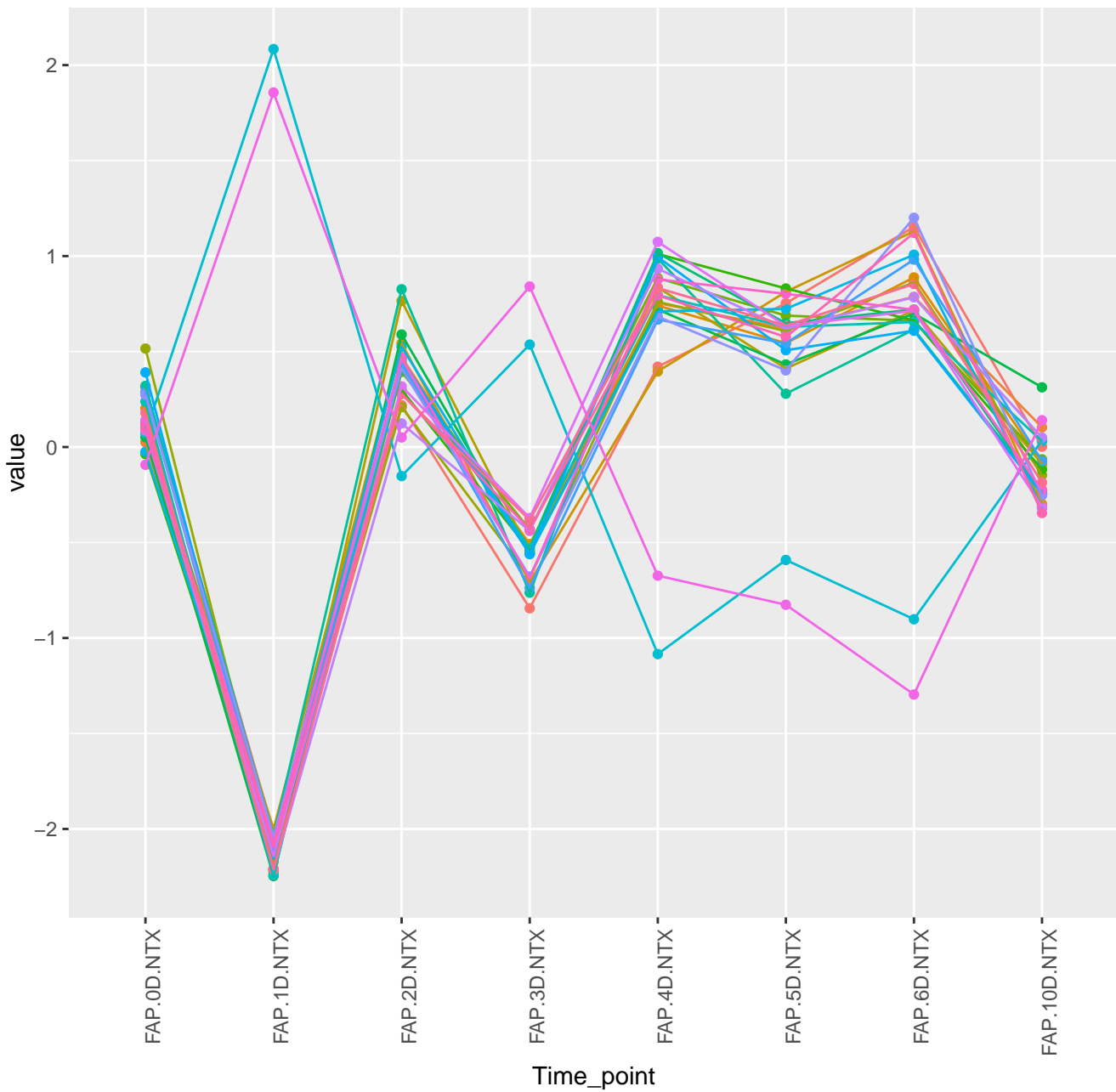
23 genes – cluster 116



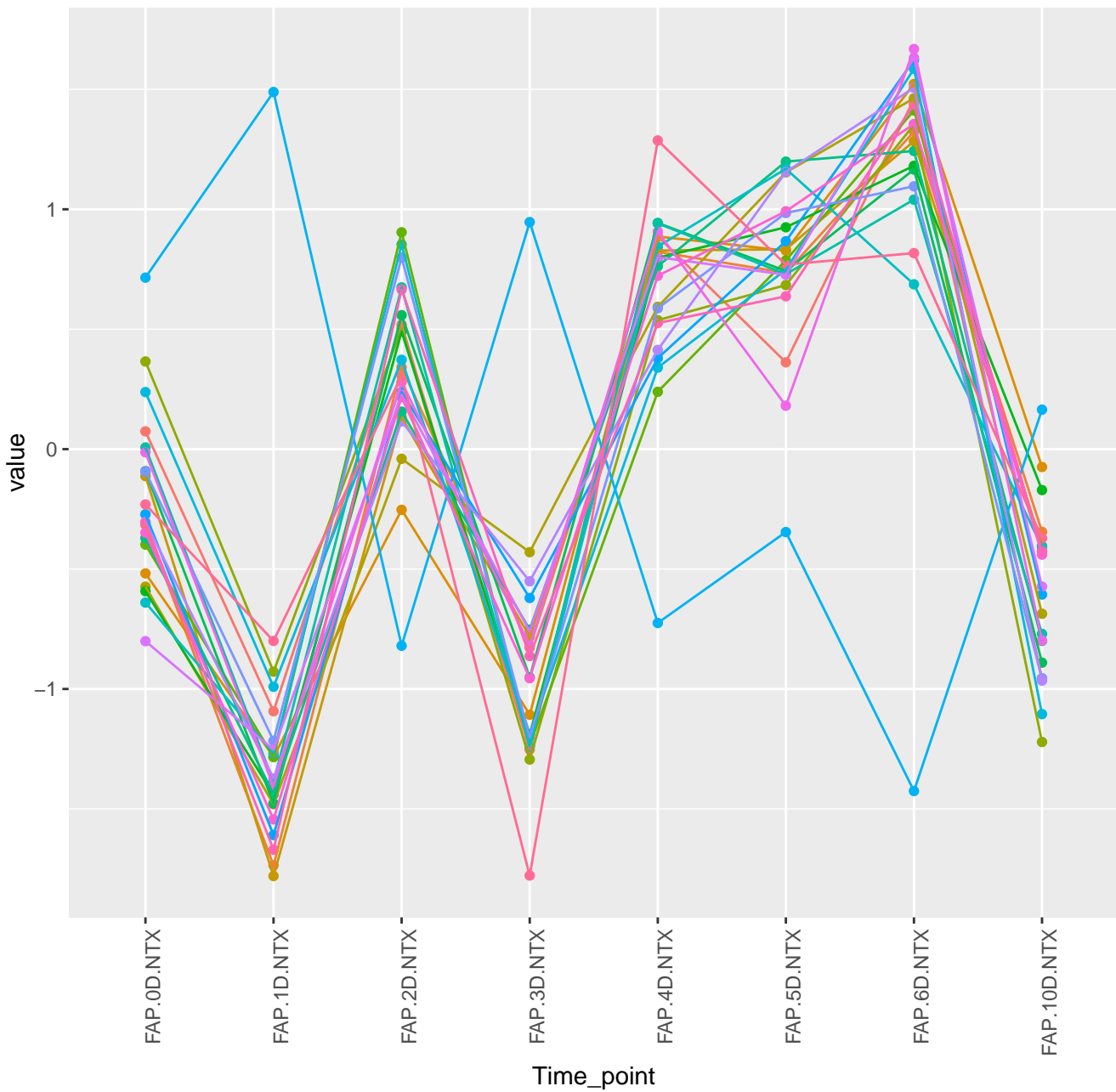
13 genes – cluster 117



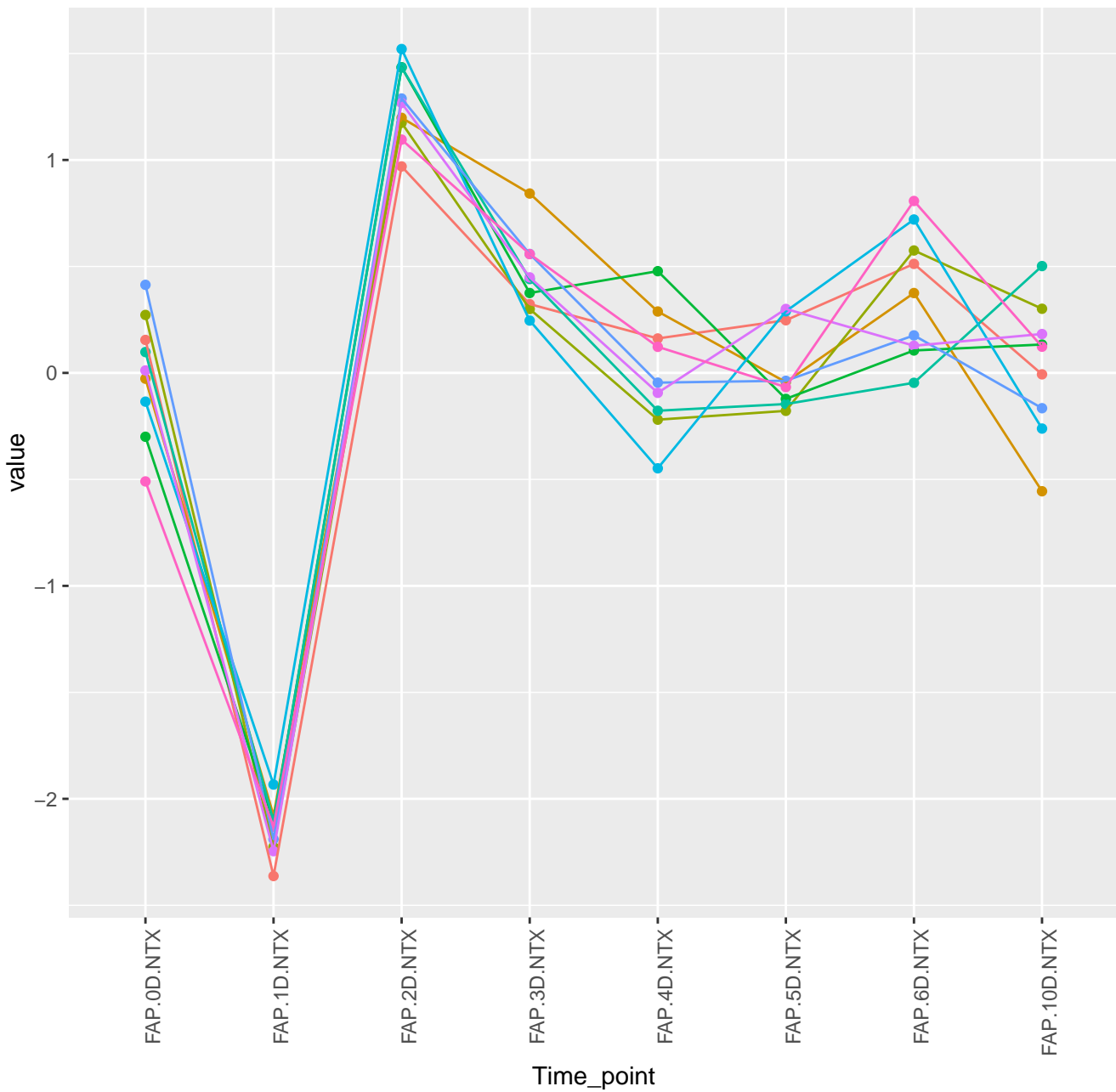
23 genes – cluster 118



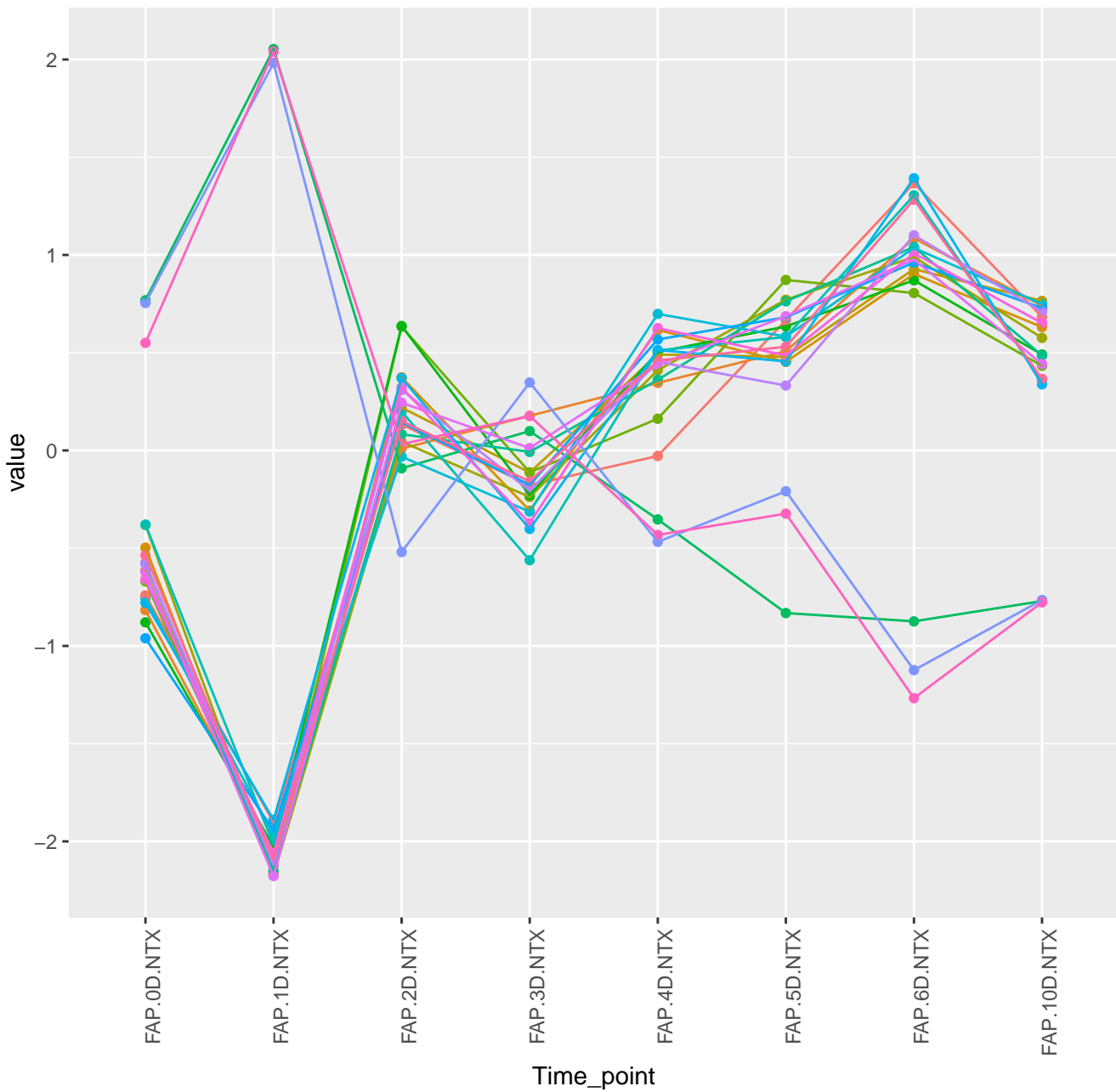
22 genes – cluster 119



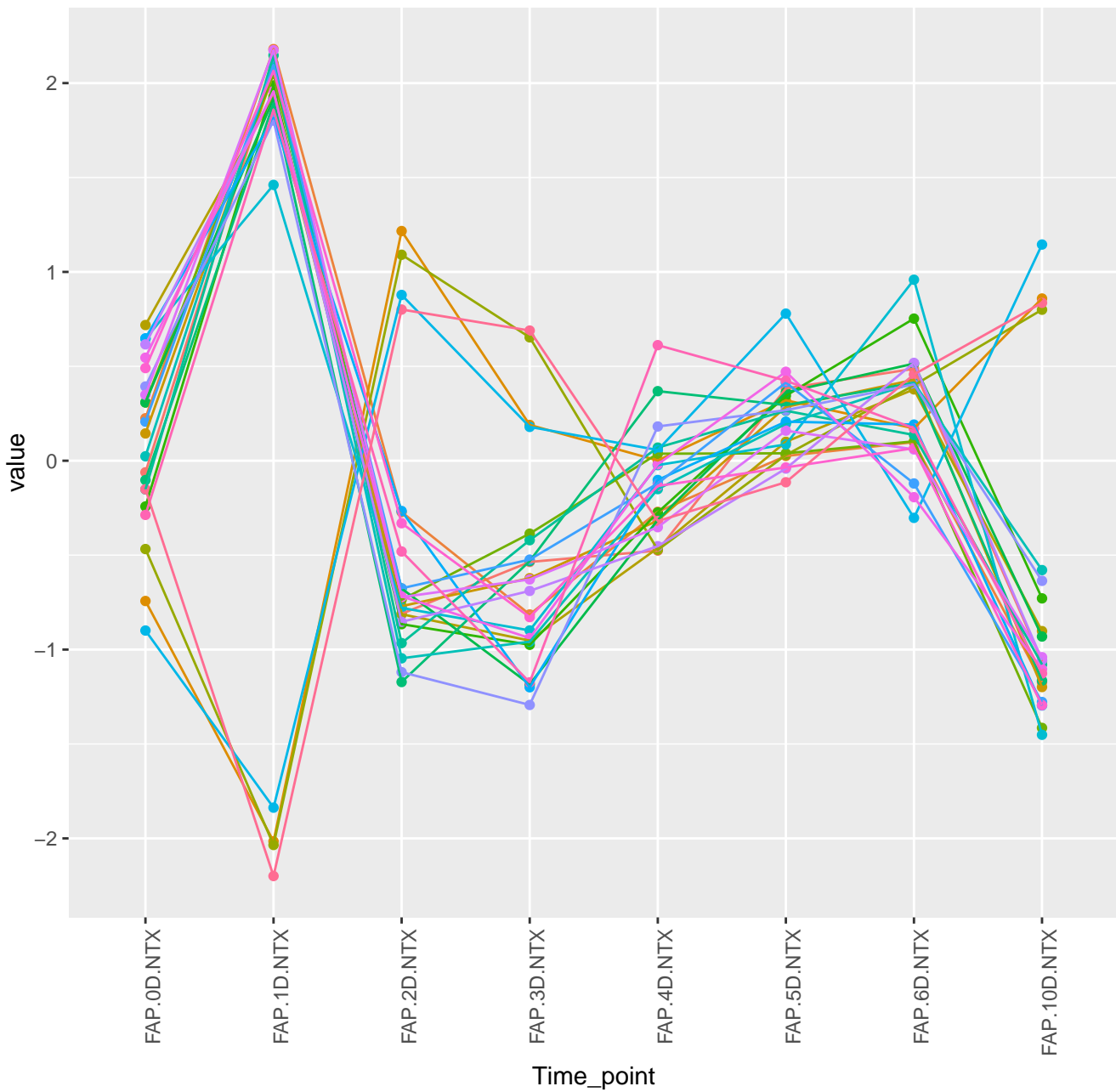
9 genes – cluster 120



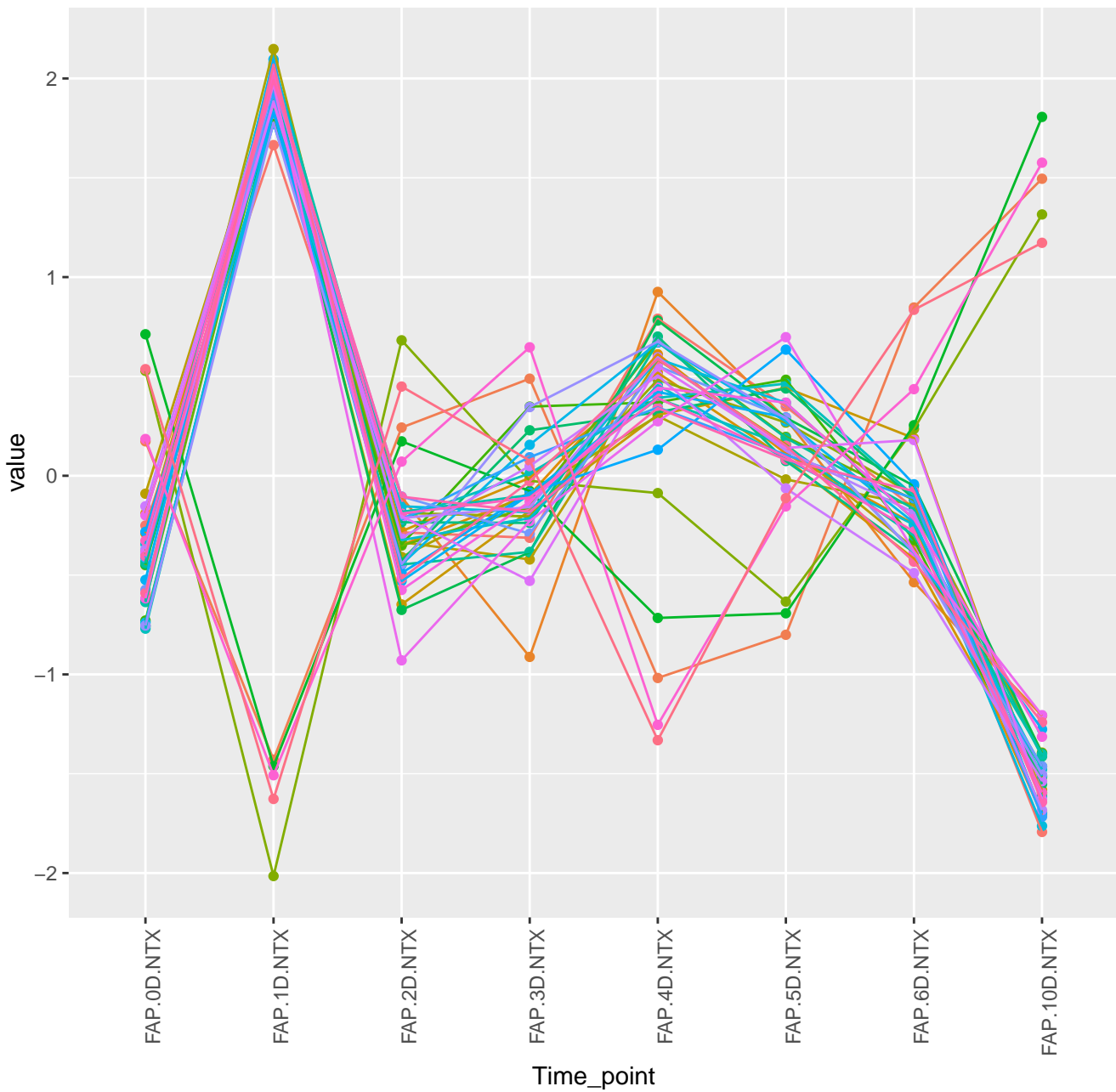
19 genes – cluster 121



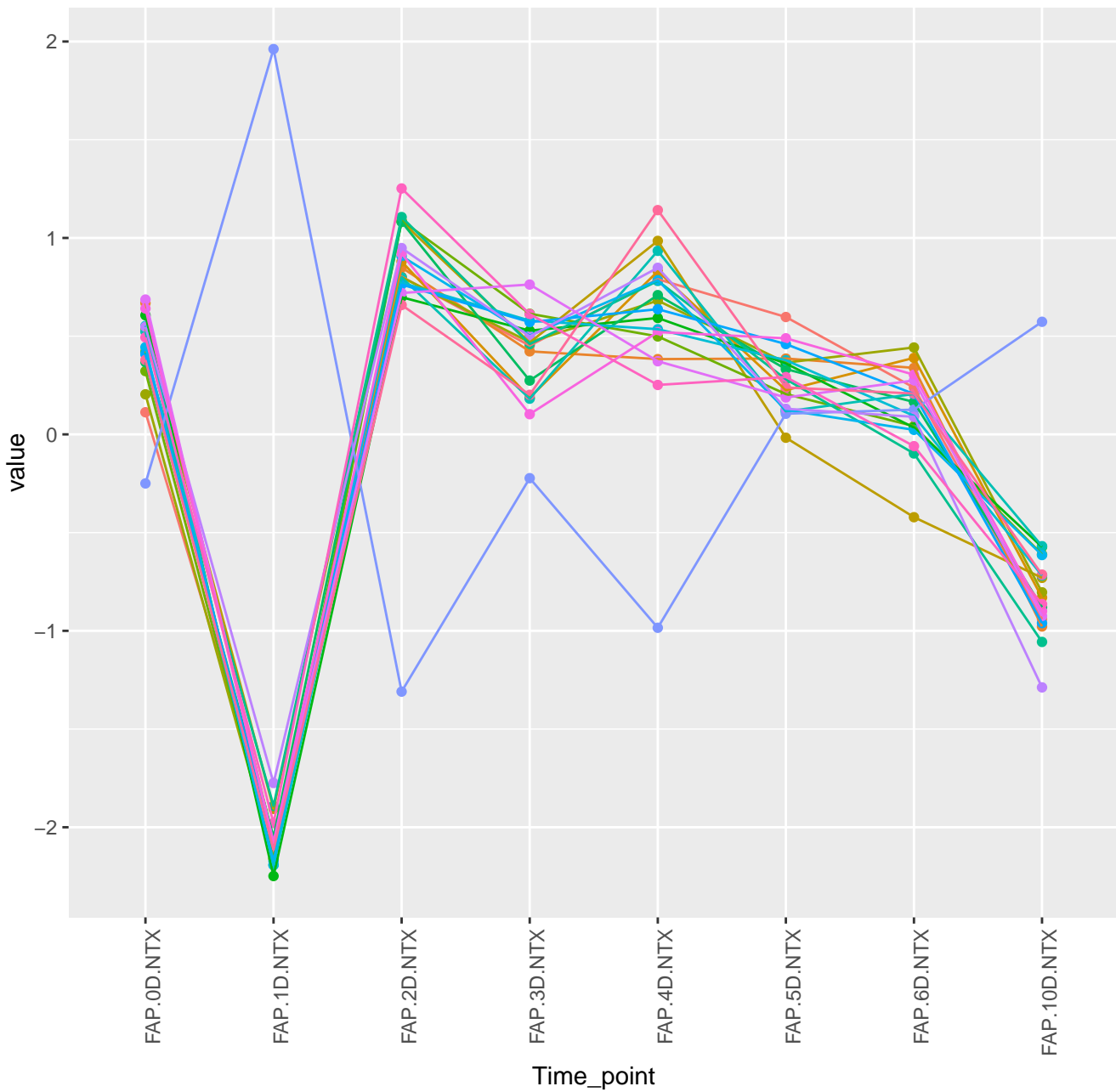
23 genes – cluster 122



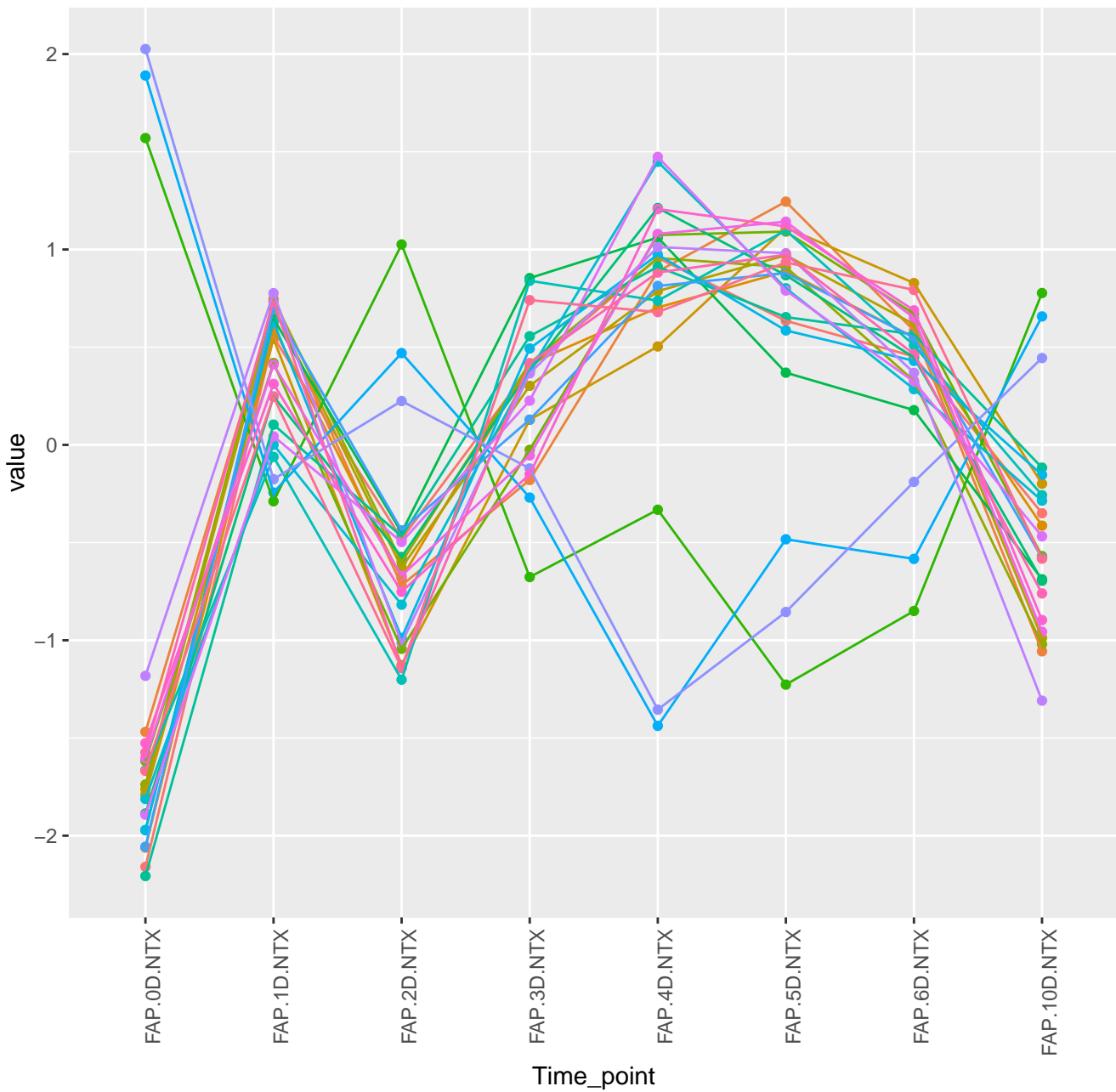
37 genes – cluster 123



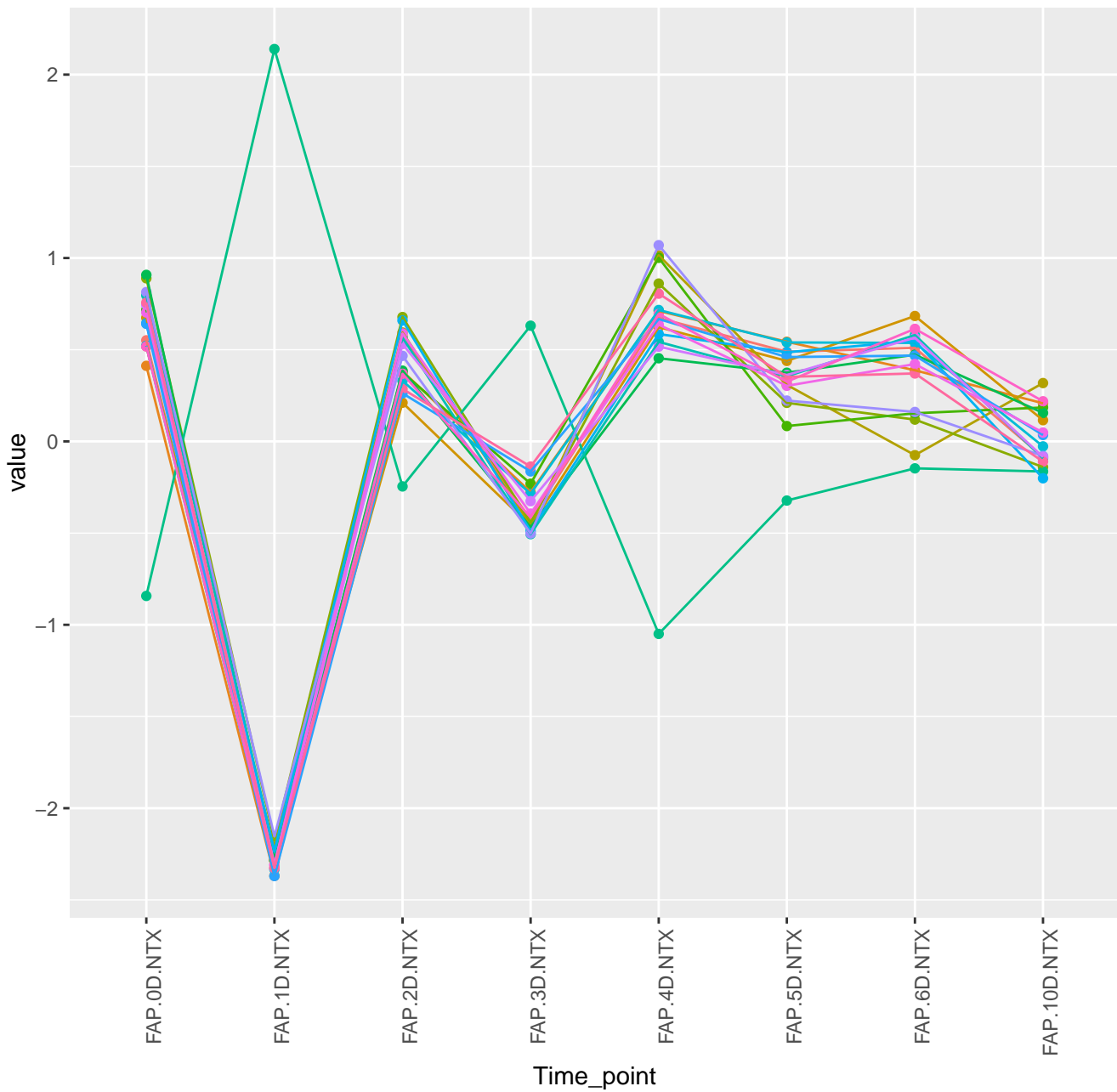
19 genes – cluster 124



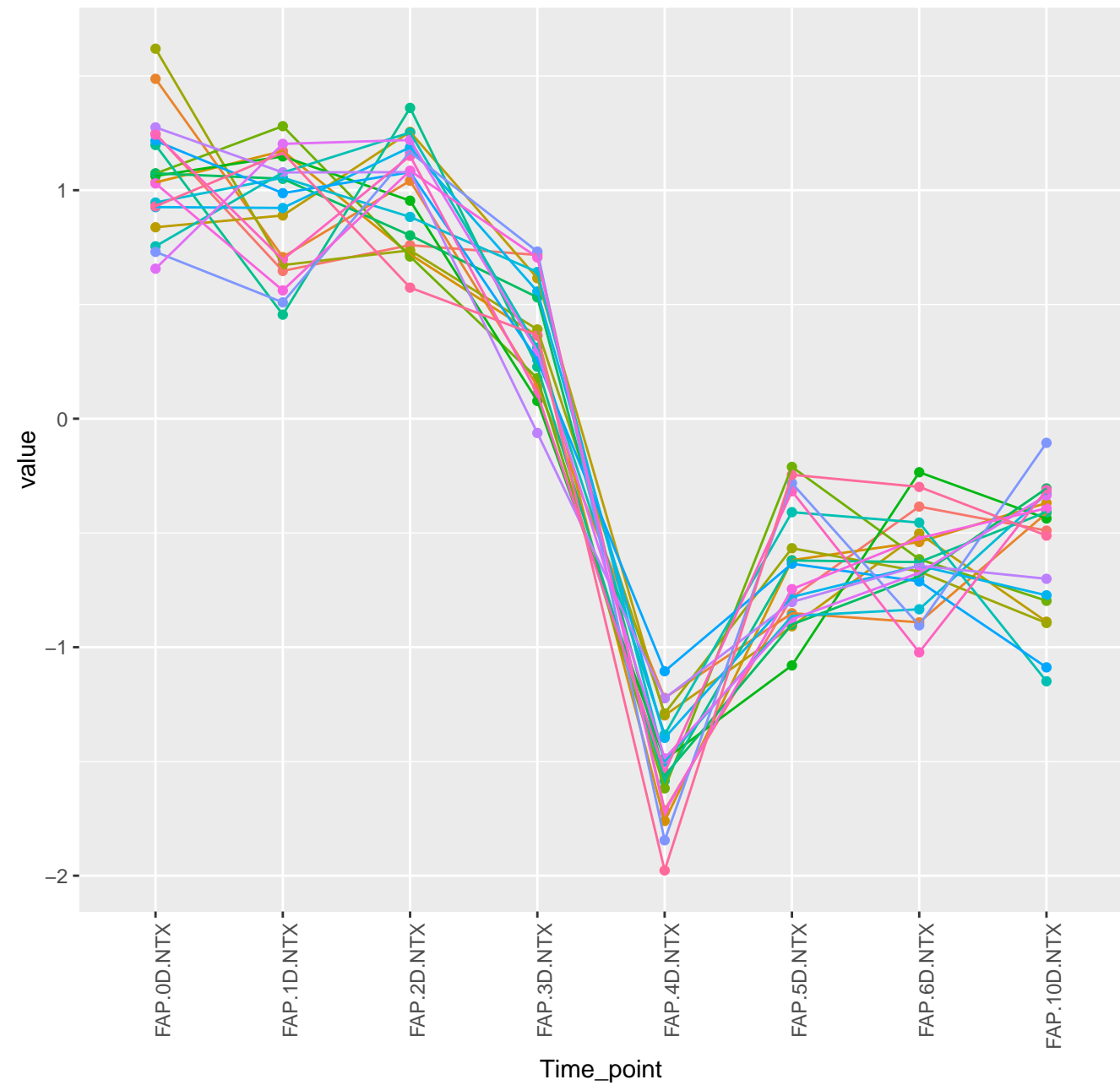
23 genes – cluster 125



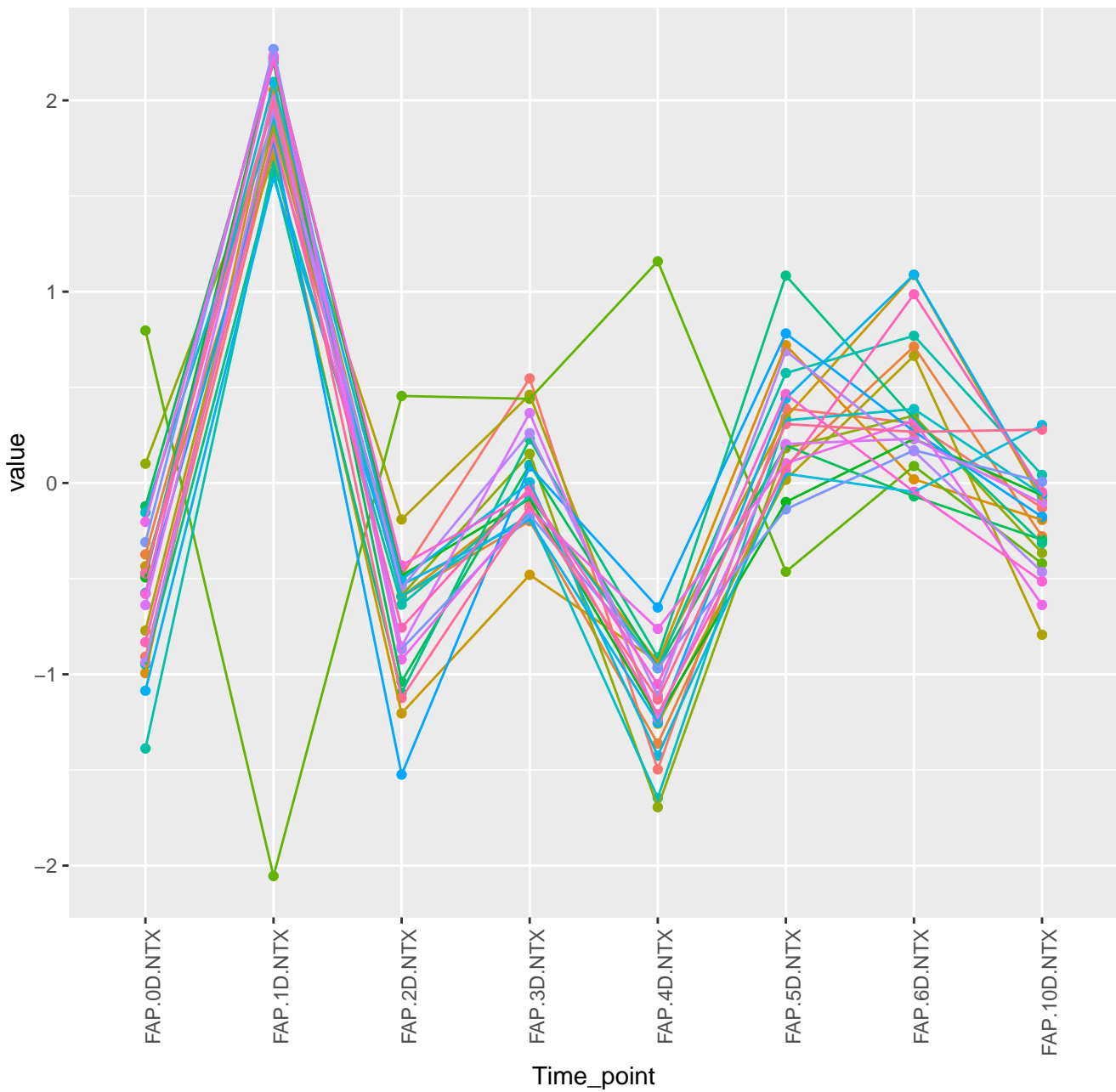
17 genes – cluster 126



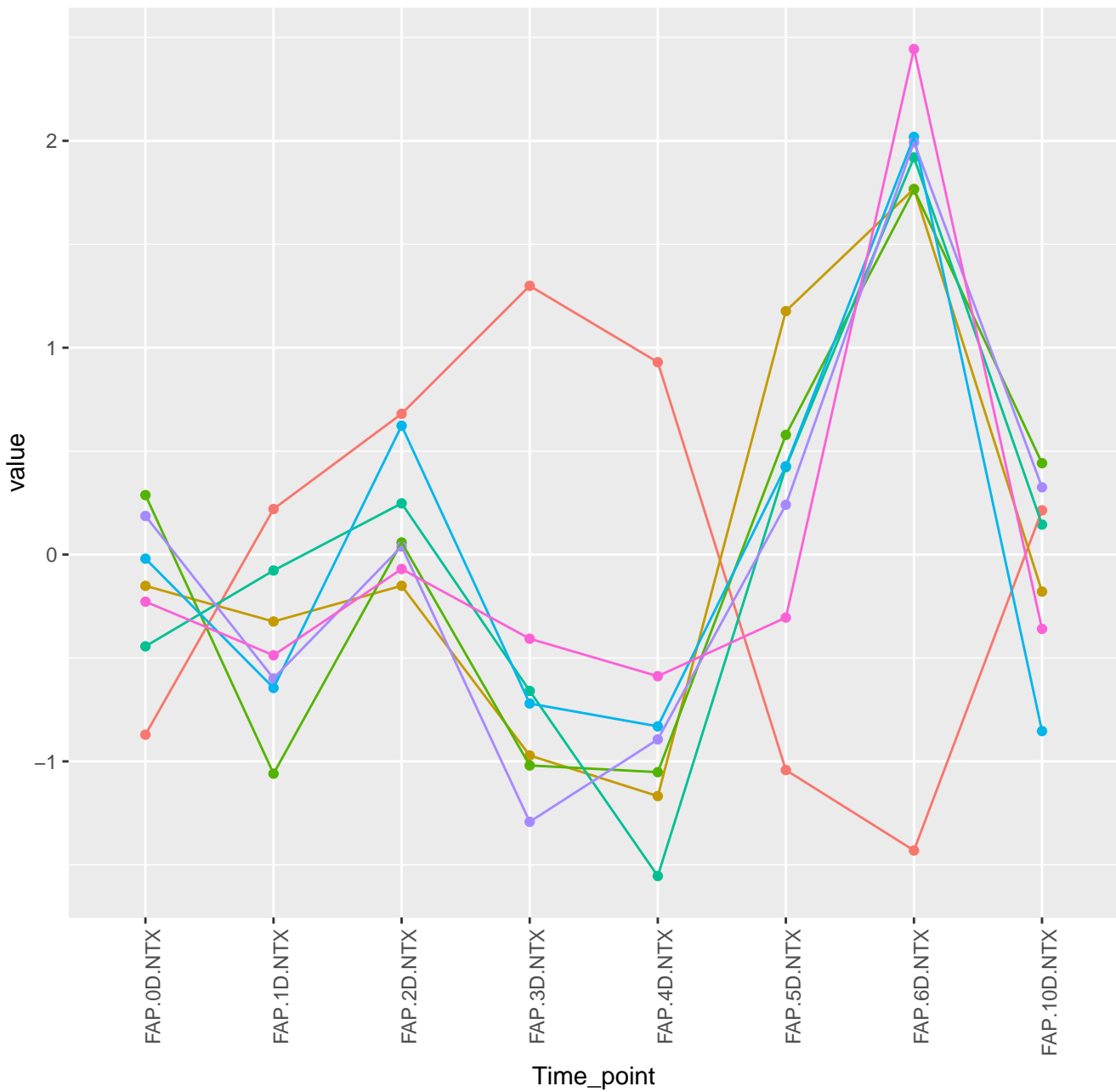
19 genes – cluster 127



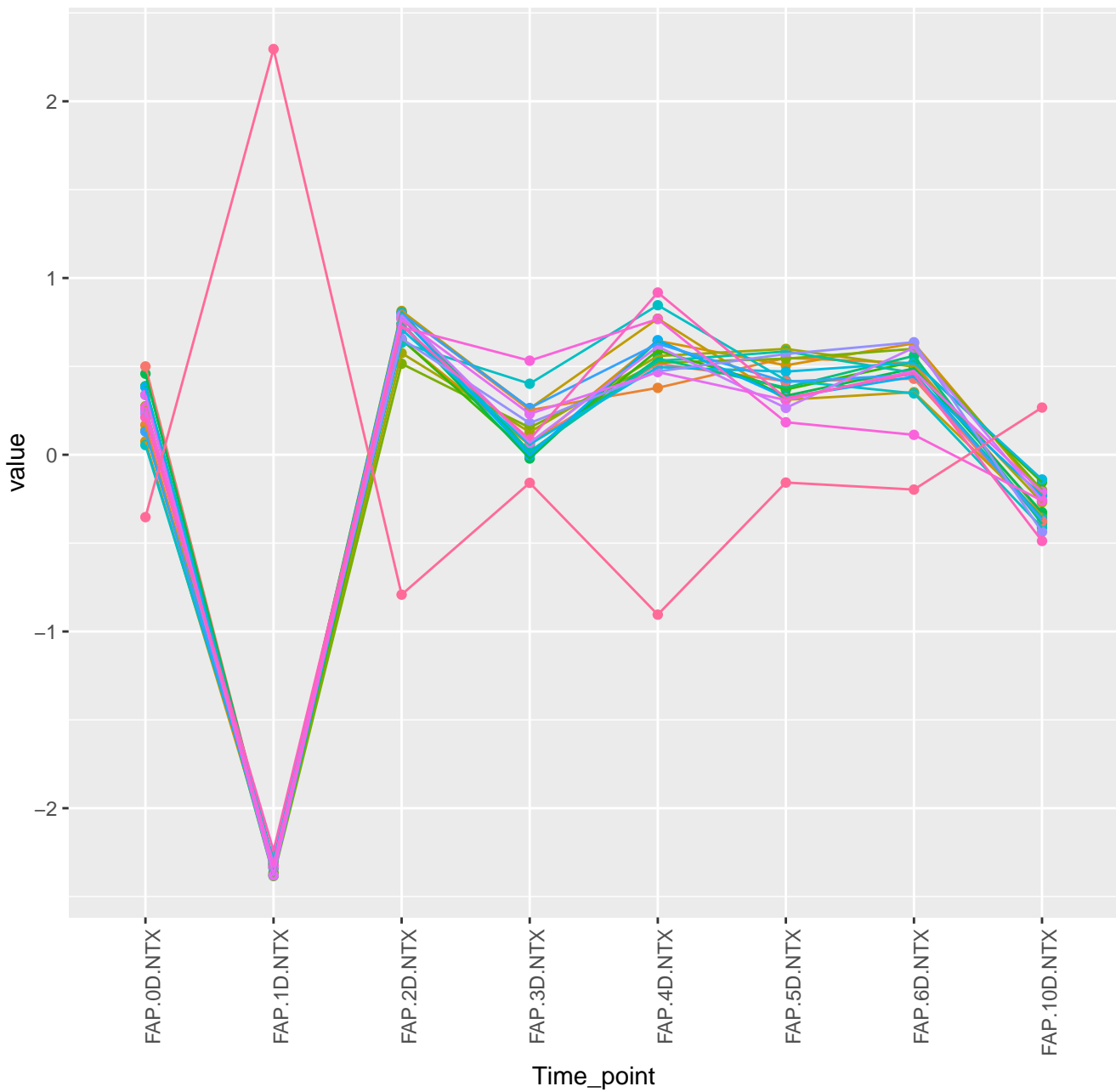
22 genes – cluster 128



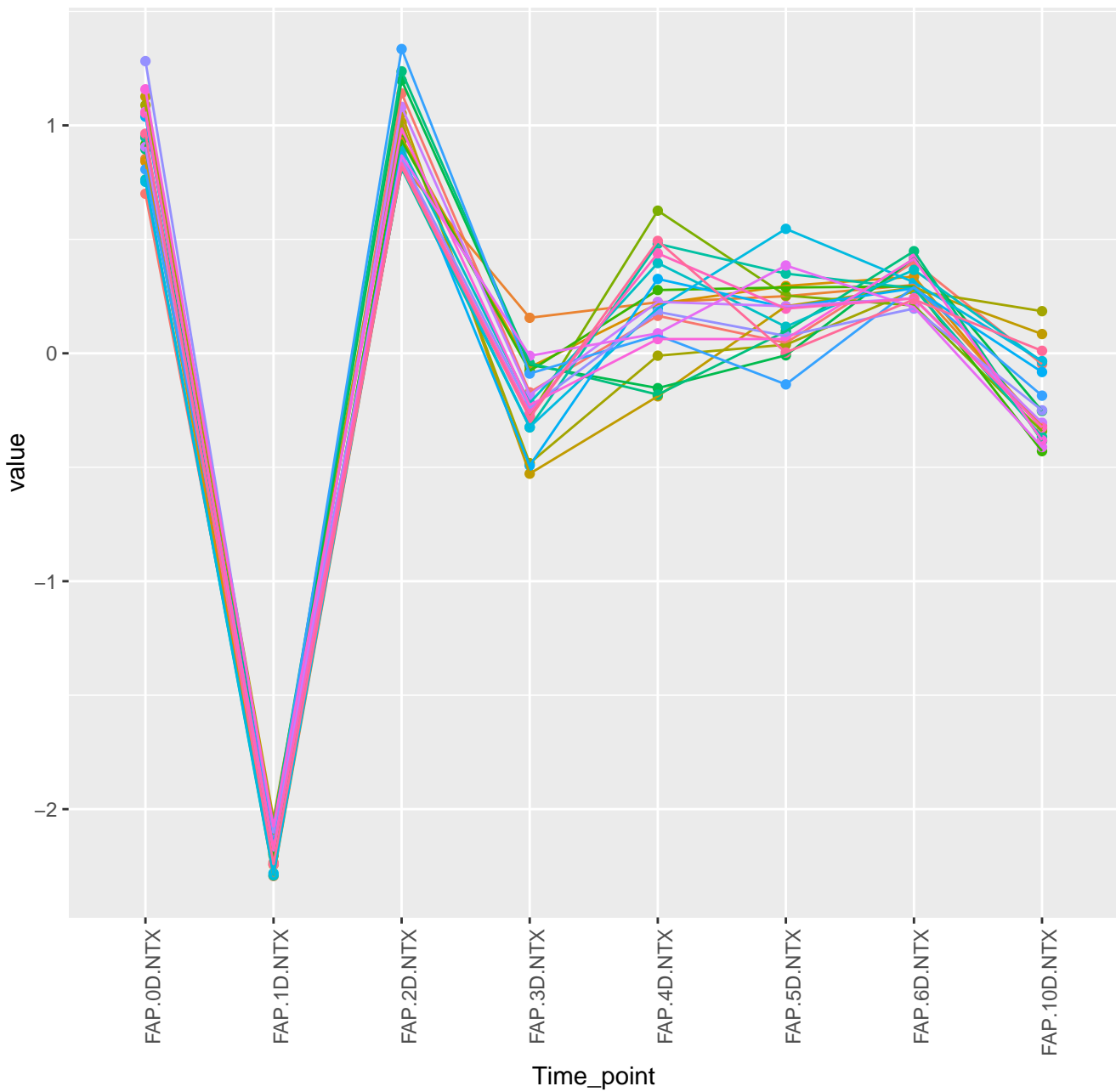
7 genes – cluster 129



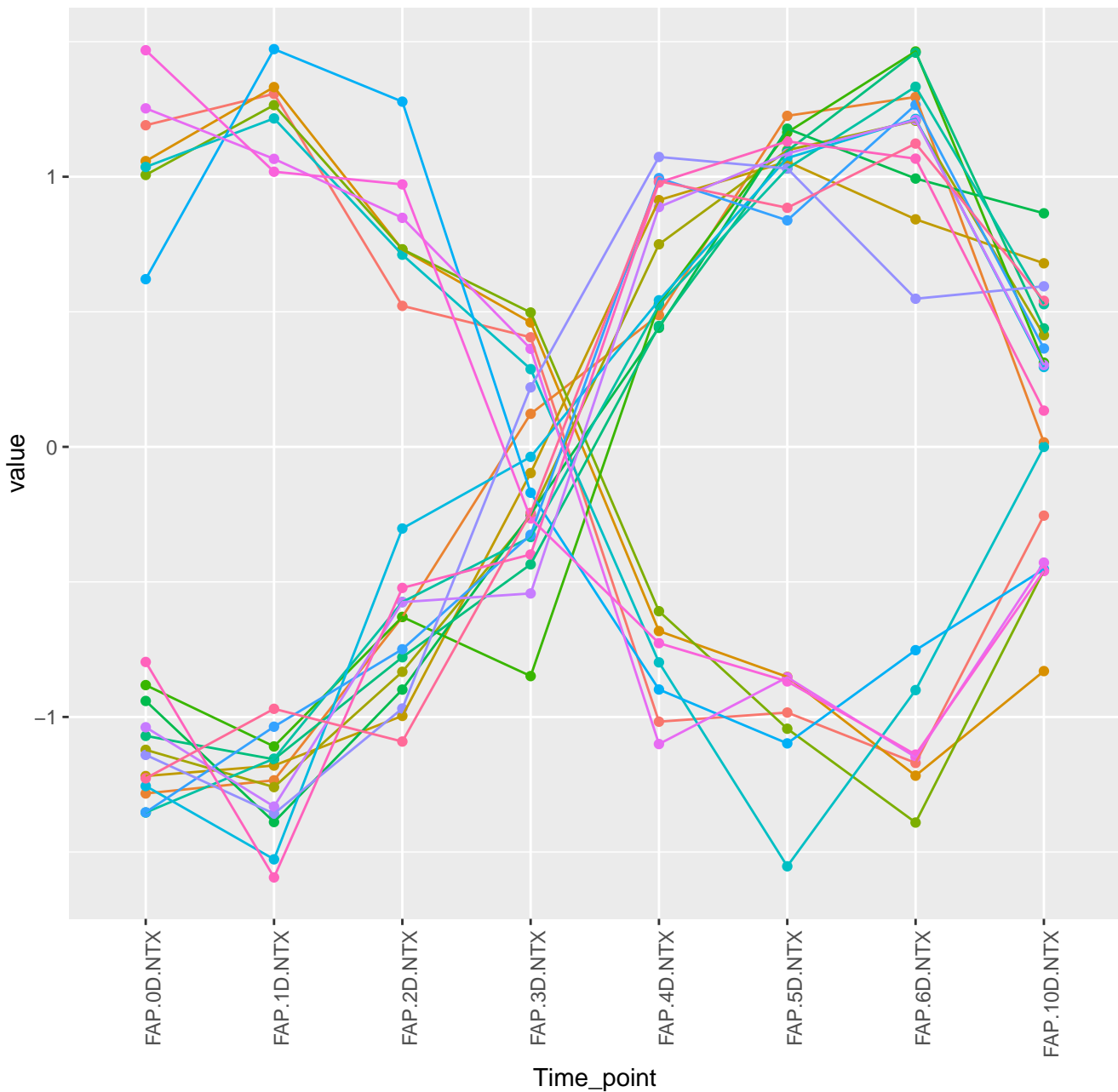
20 genes – cluster 130



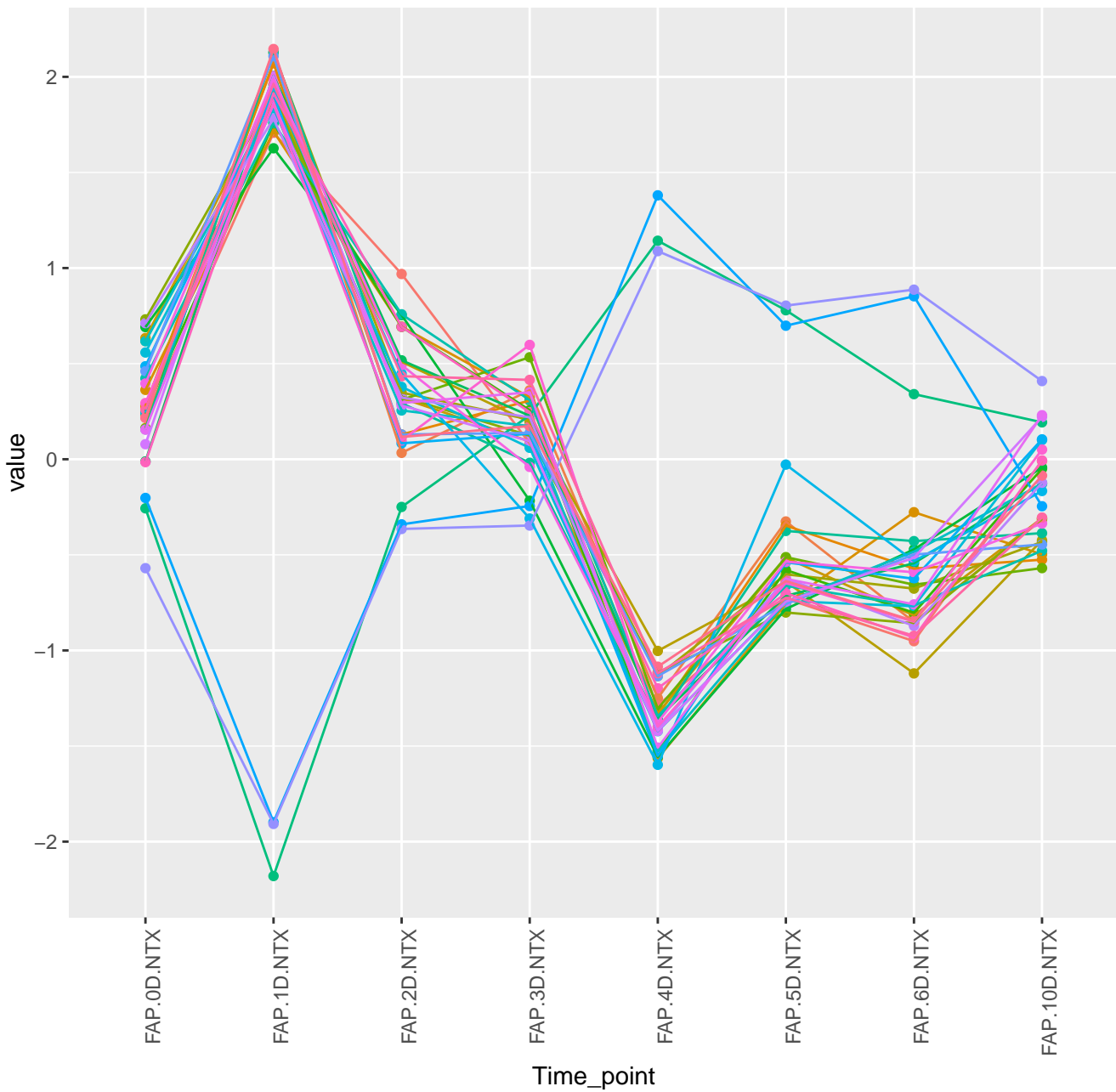
20 genes – cluster 131



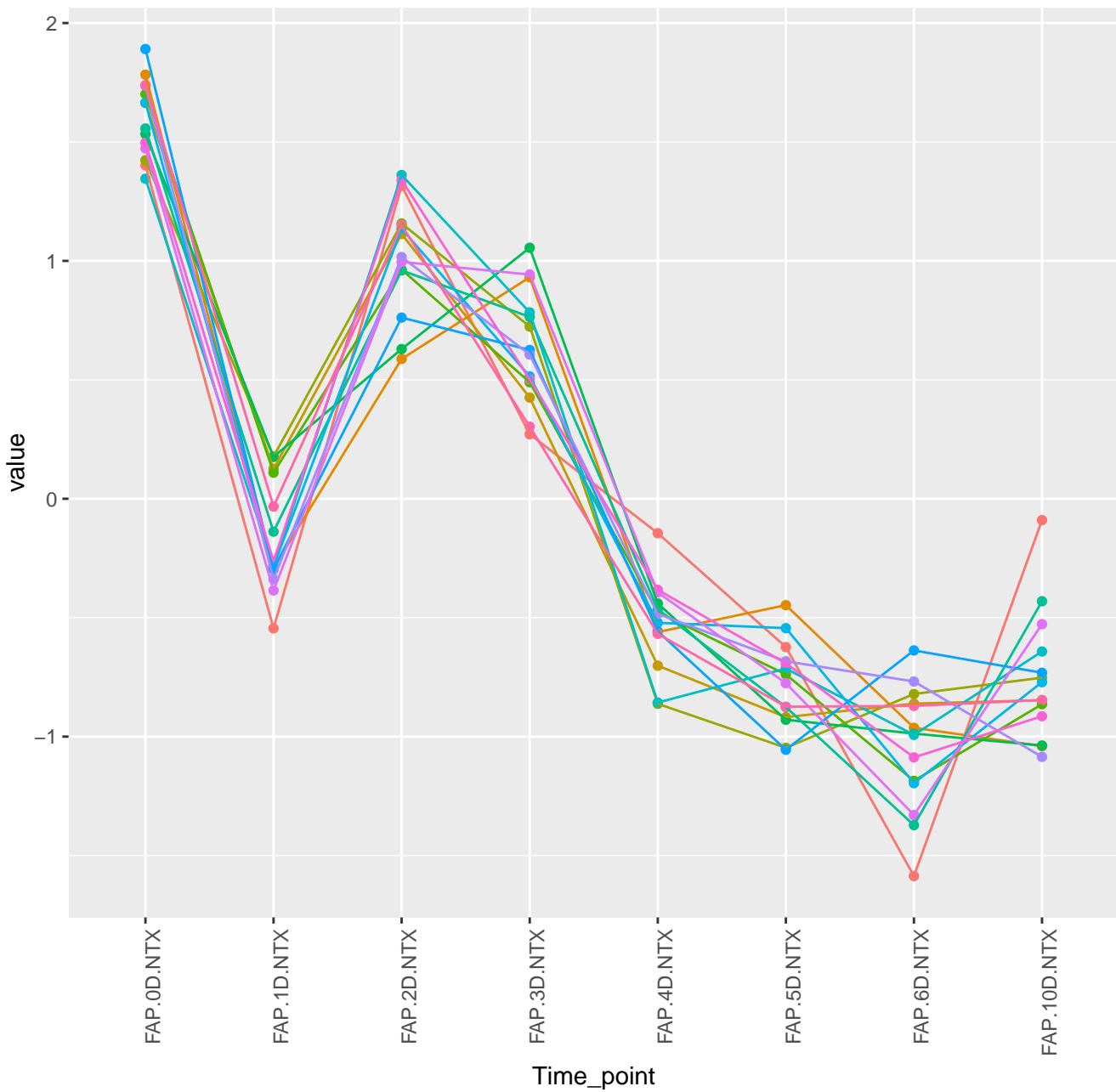
20 genes – cluster 132



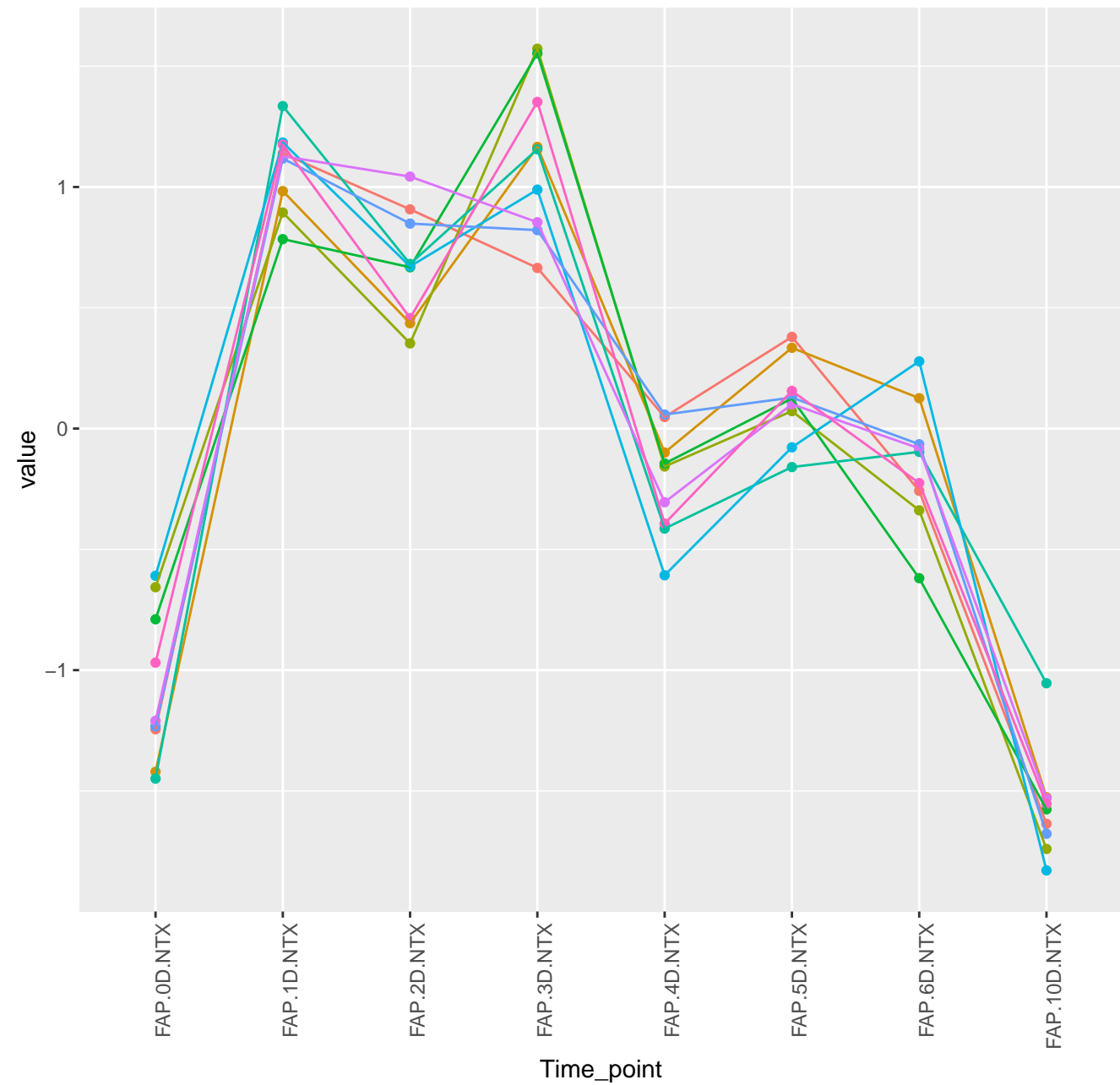
30 genes – cluster 133



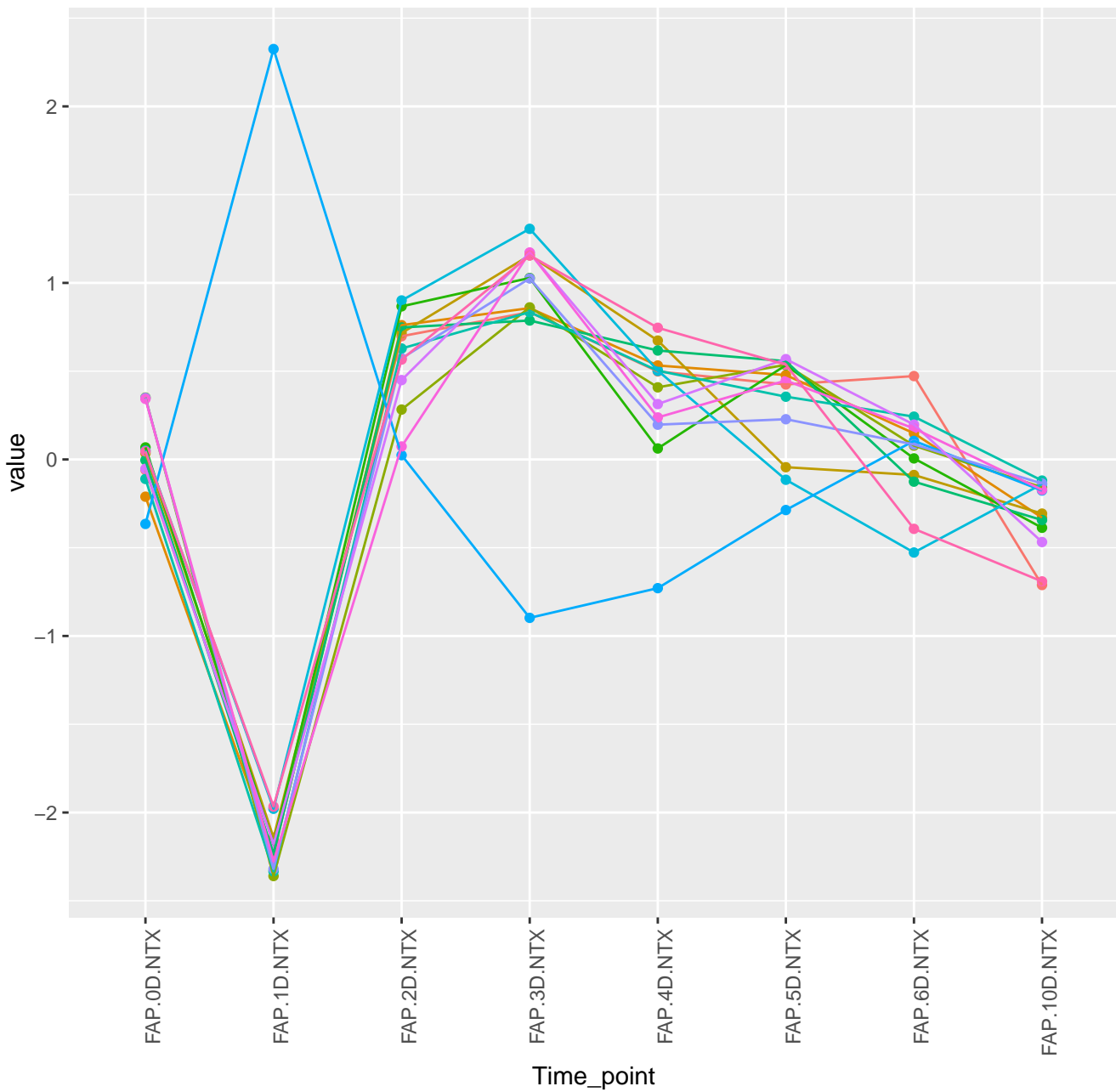
14 genes – cluster 134



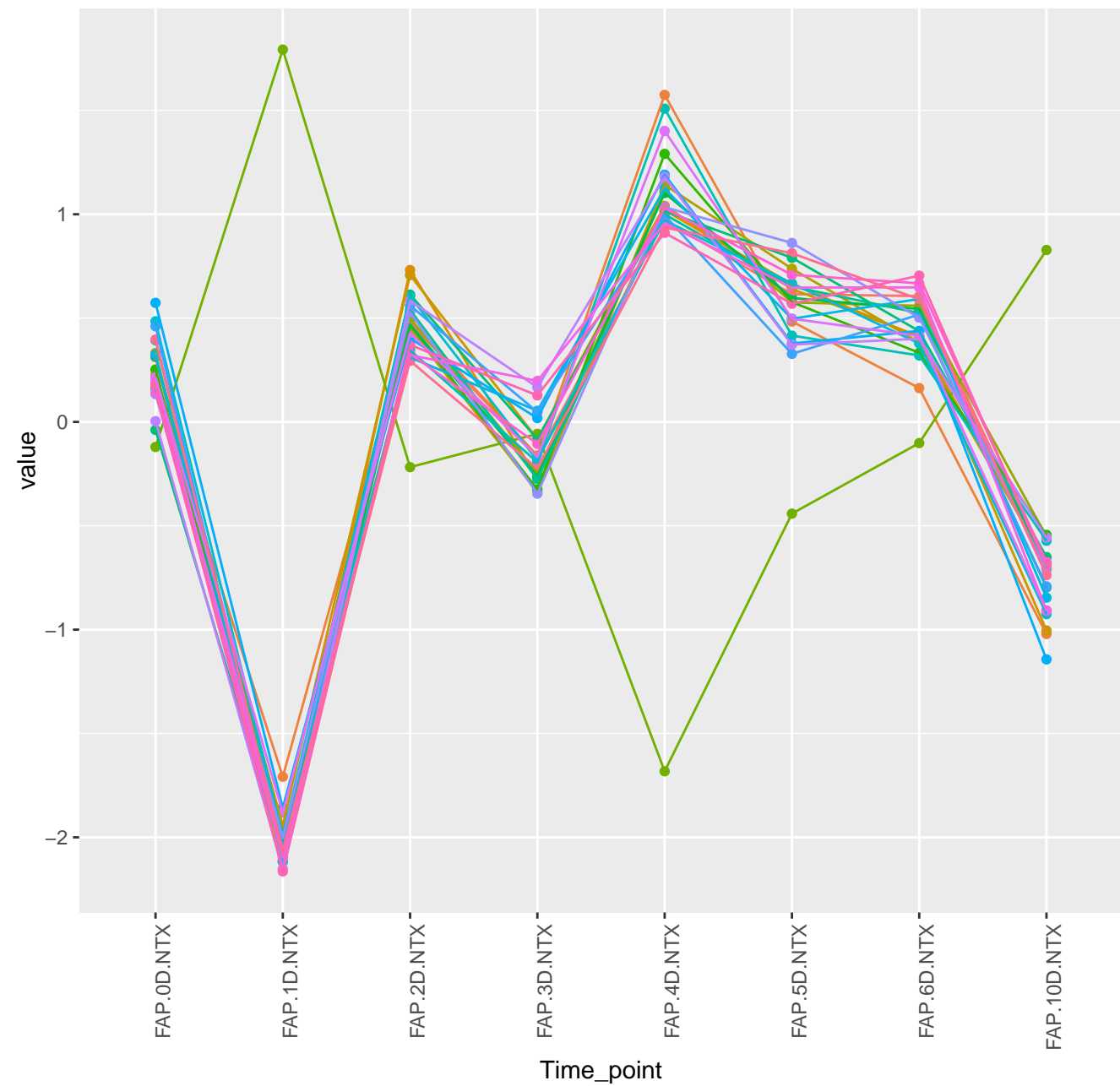
9 genes – cluster 135



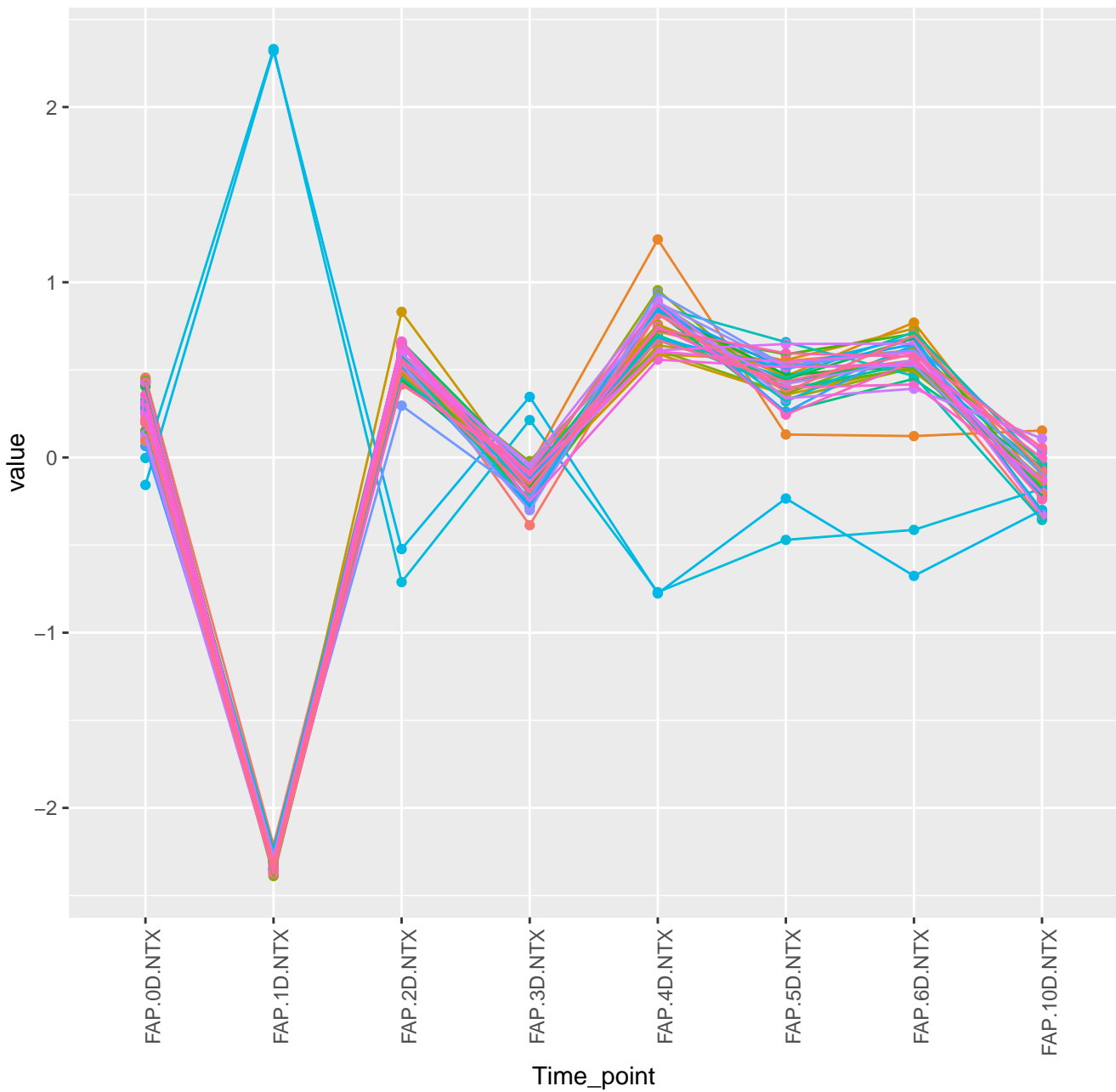
13 genes – cluster 136



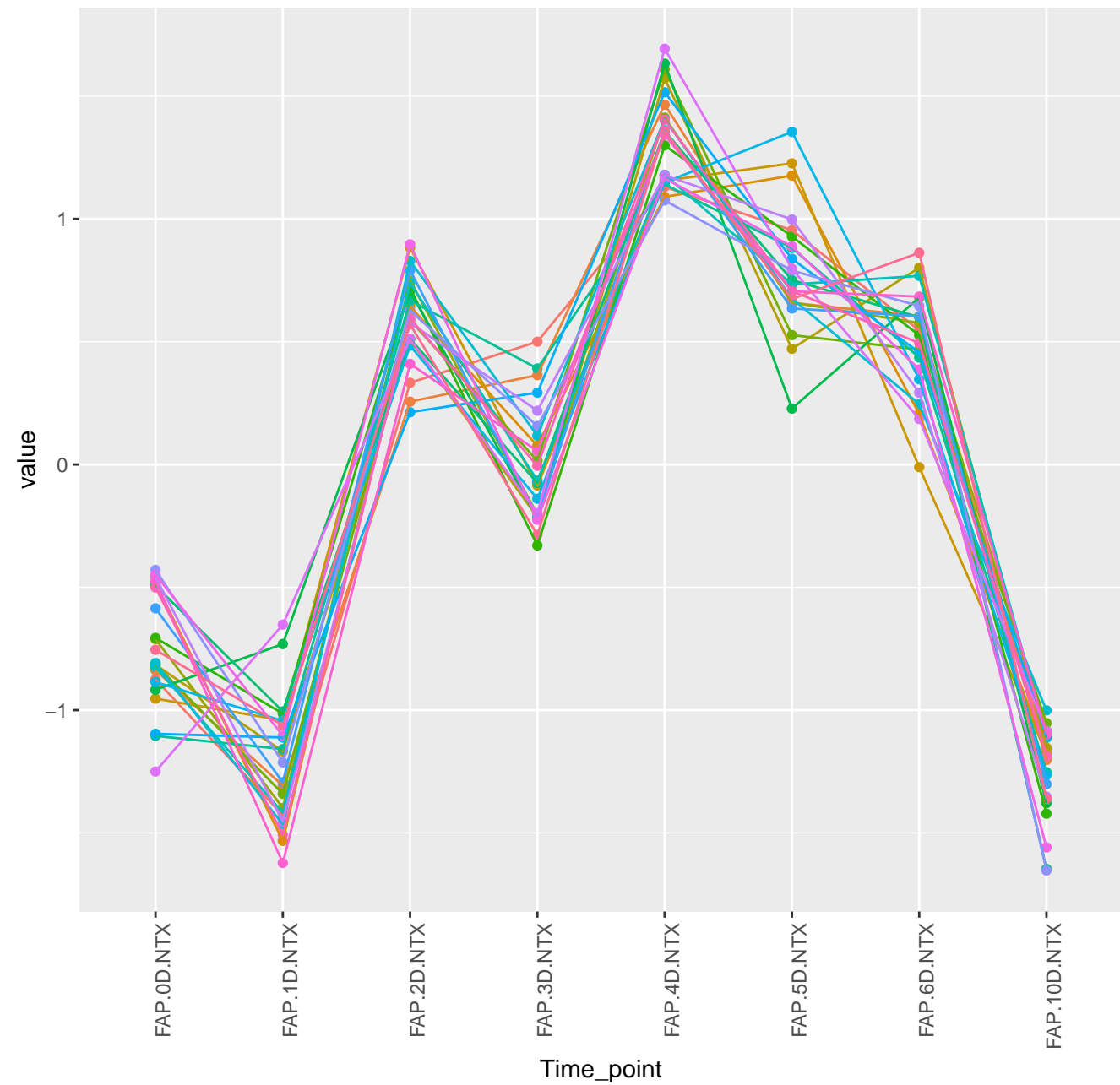
23 genes – cluster 137



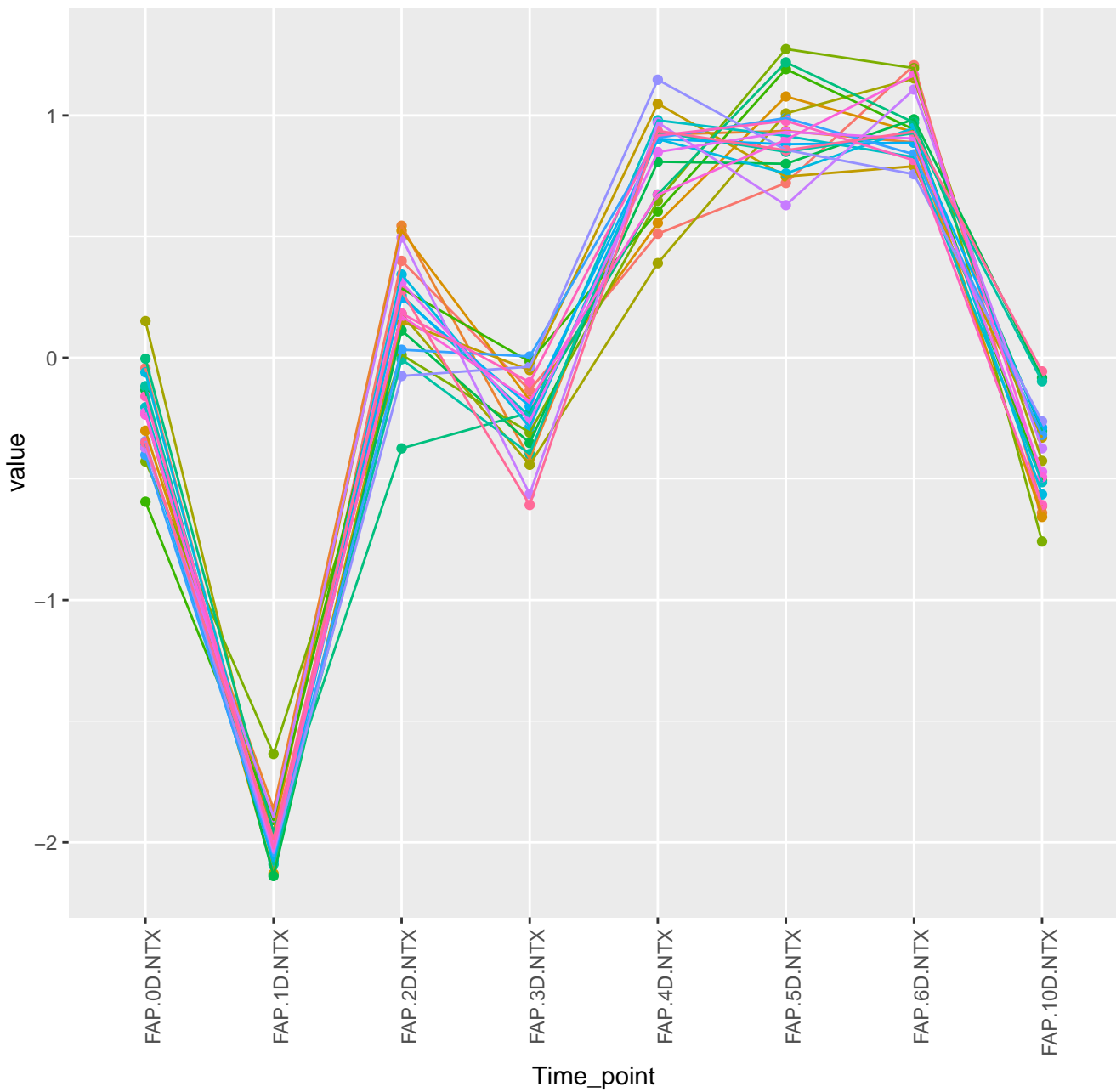
37 genes – cluster 138



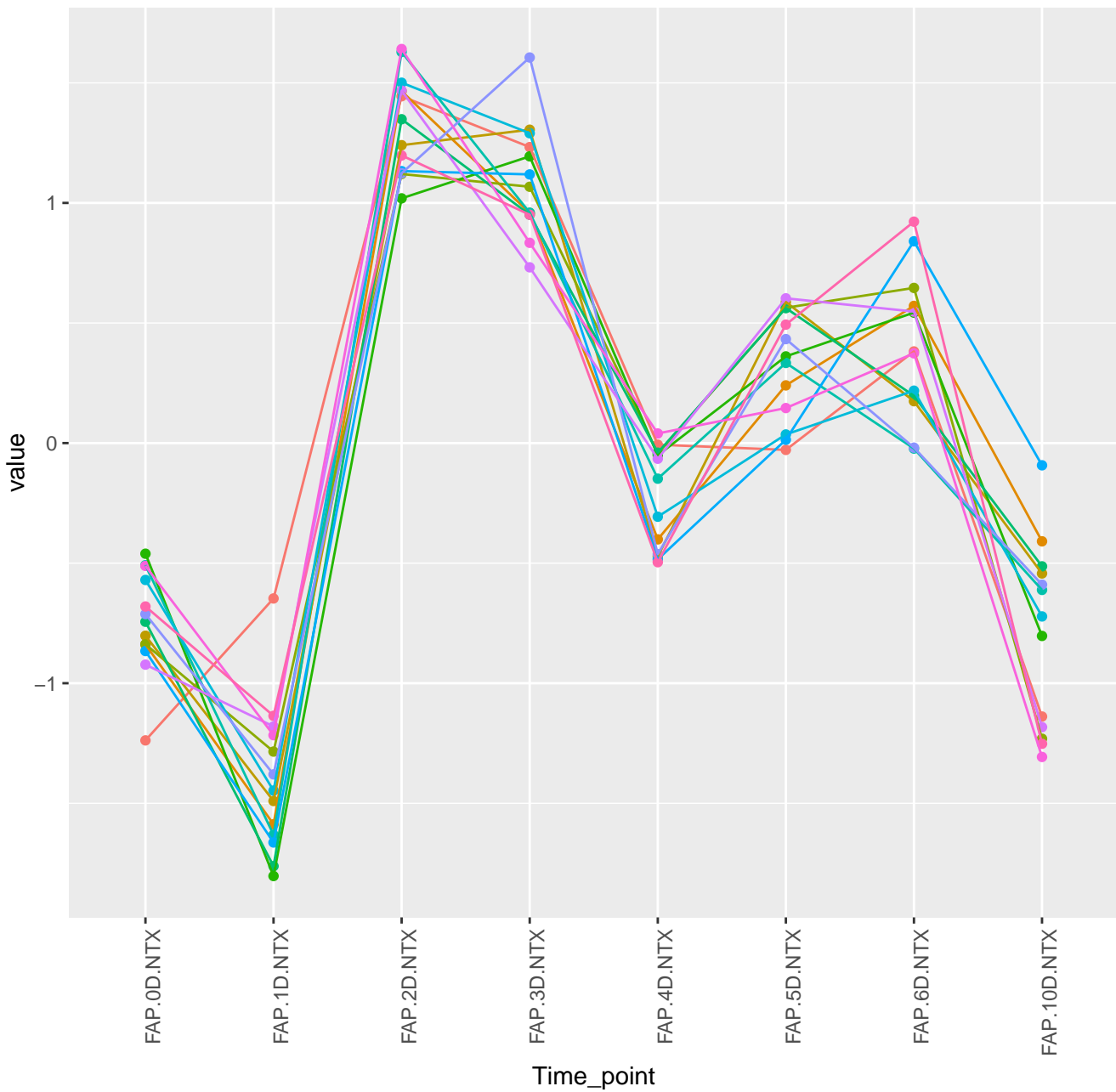
23 genes – cluster 139



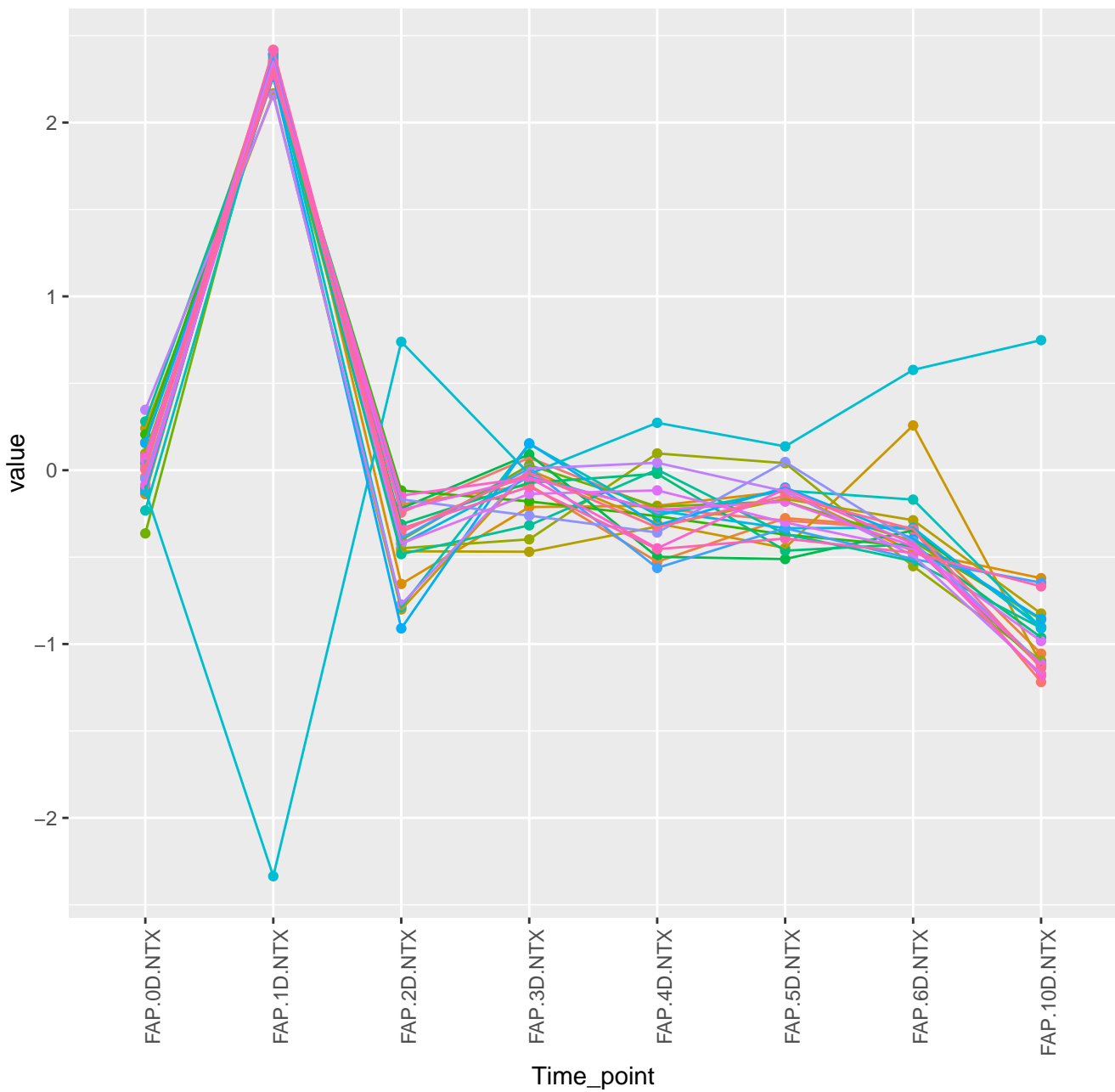
20 genes – cluster 140



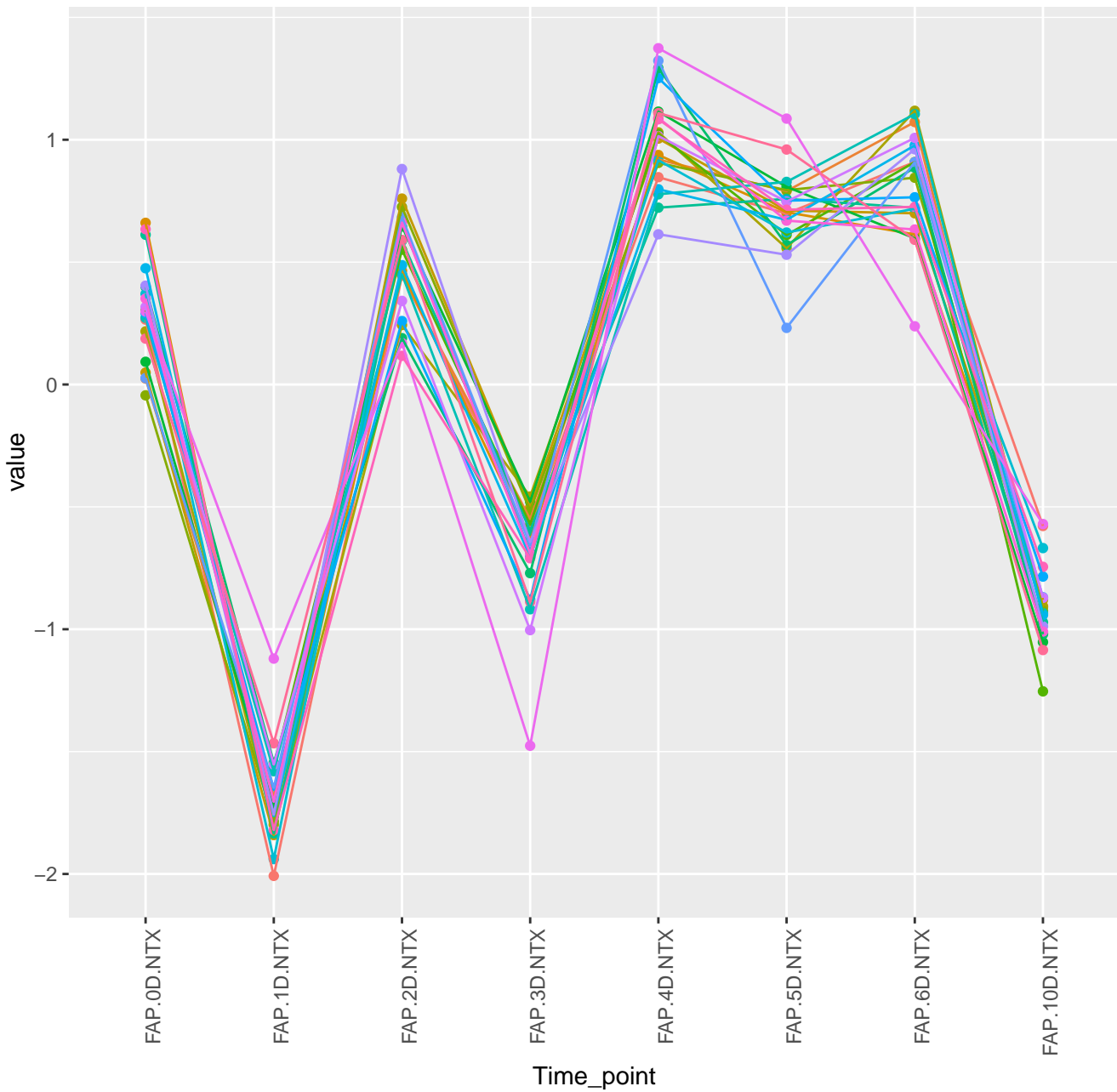
13 genes – cluster 141



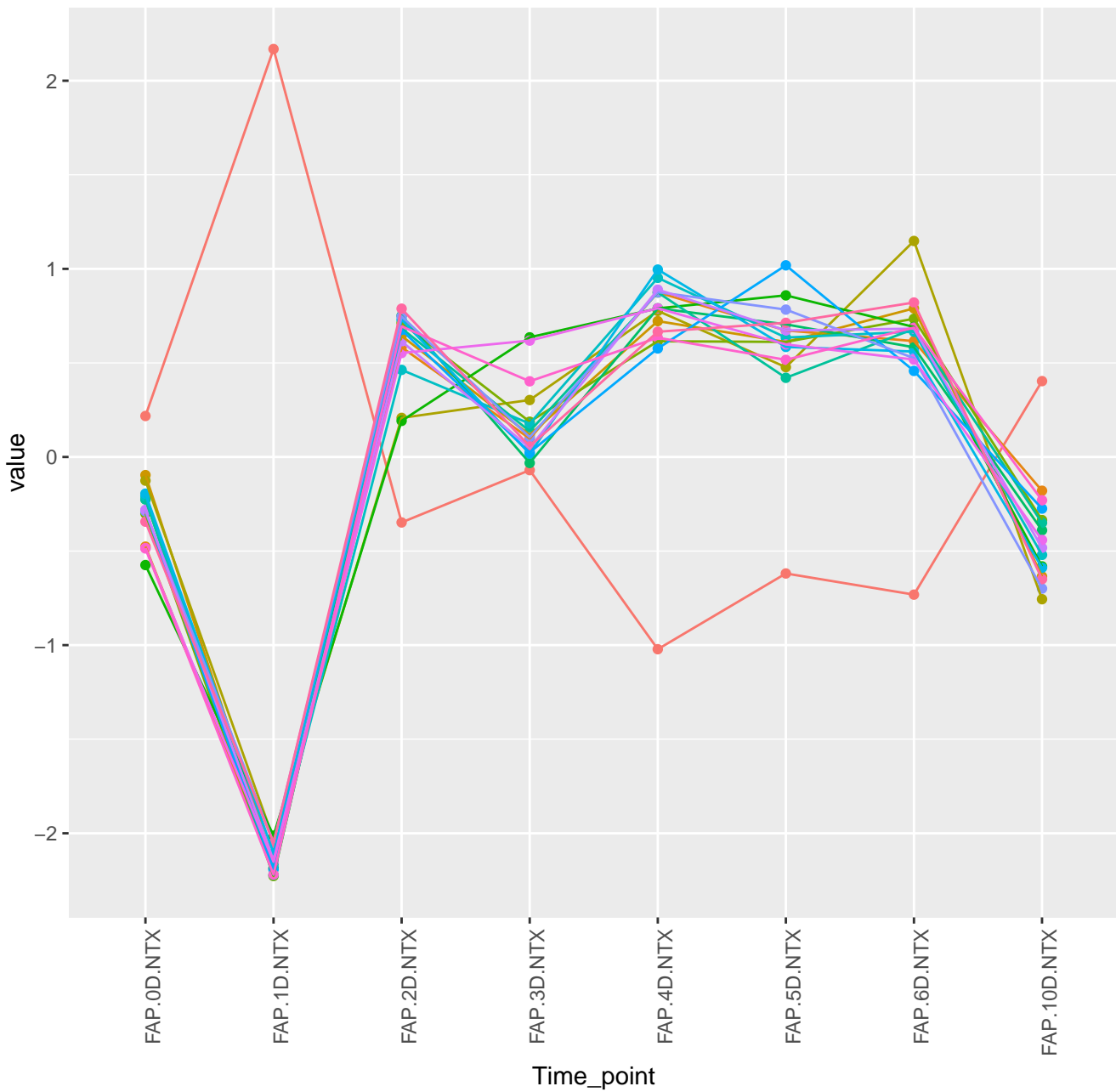
23 genes – cluster 142



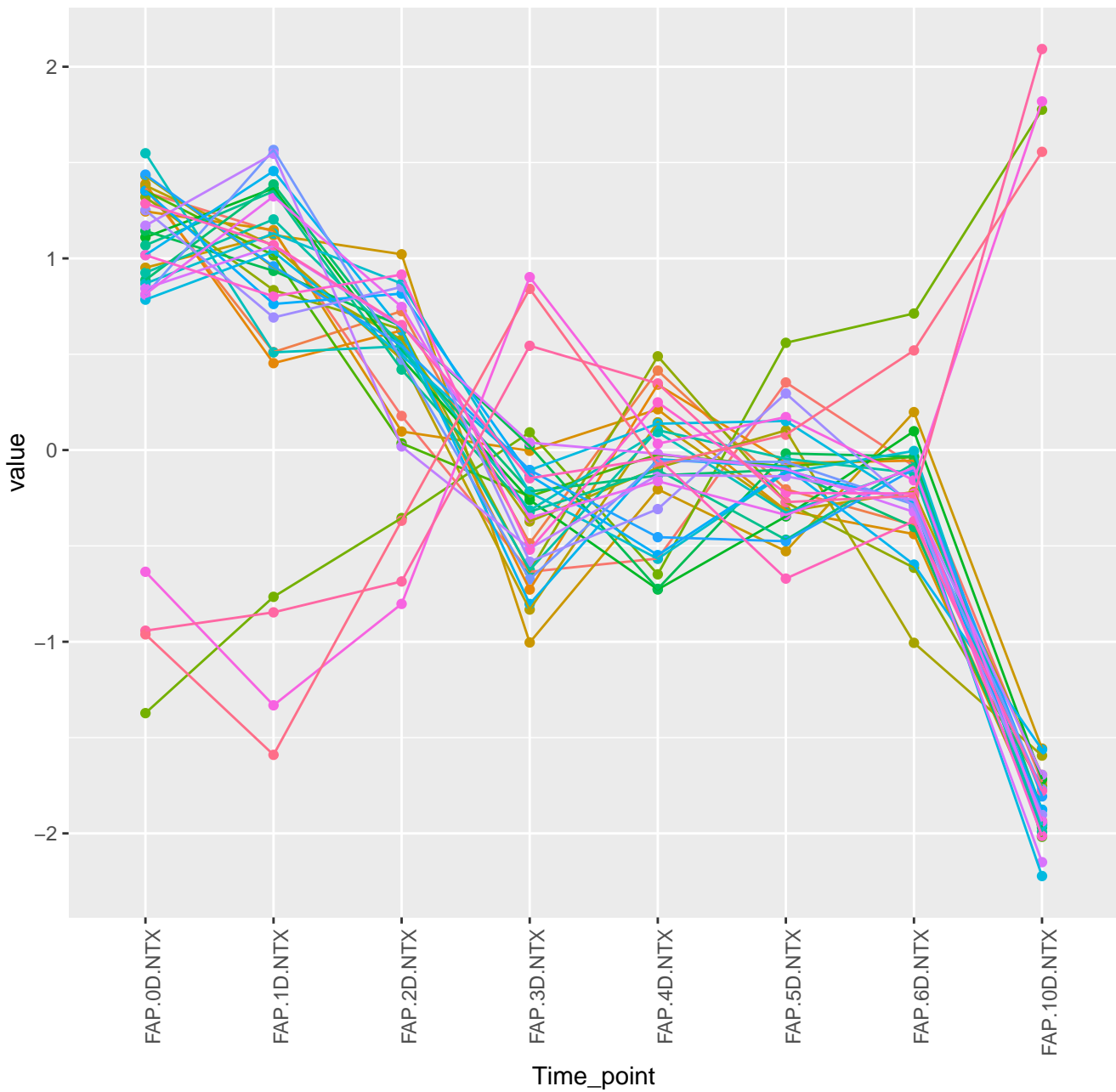
21 genes – cluster 143



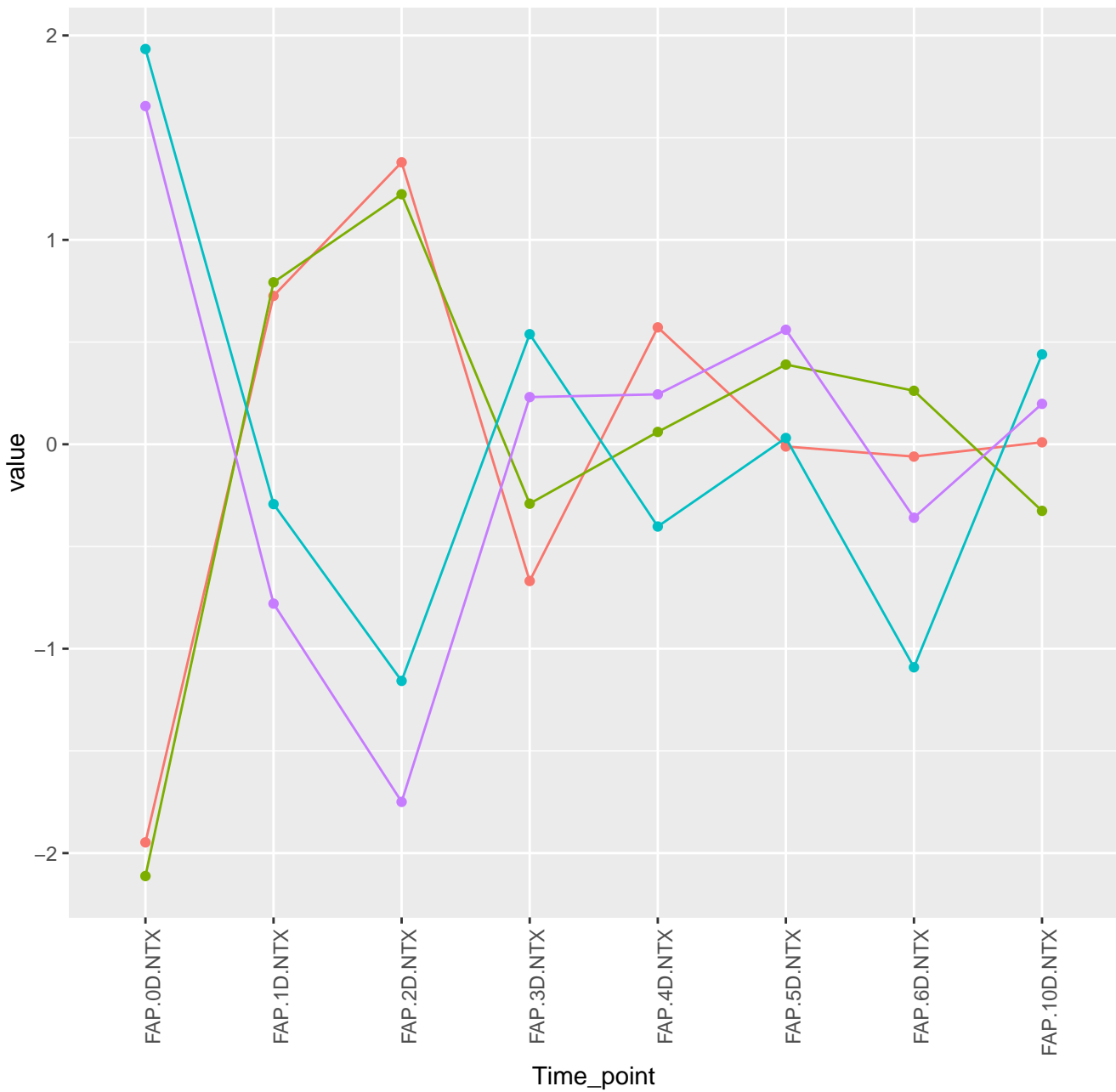
16 genes – cluster 144



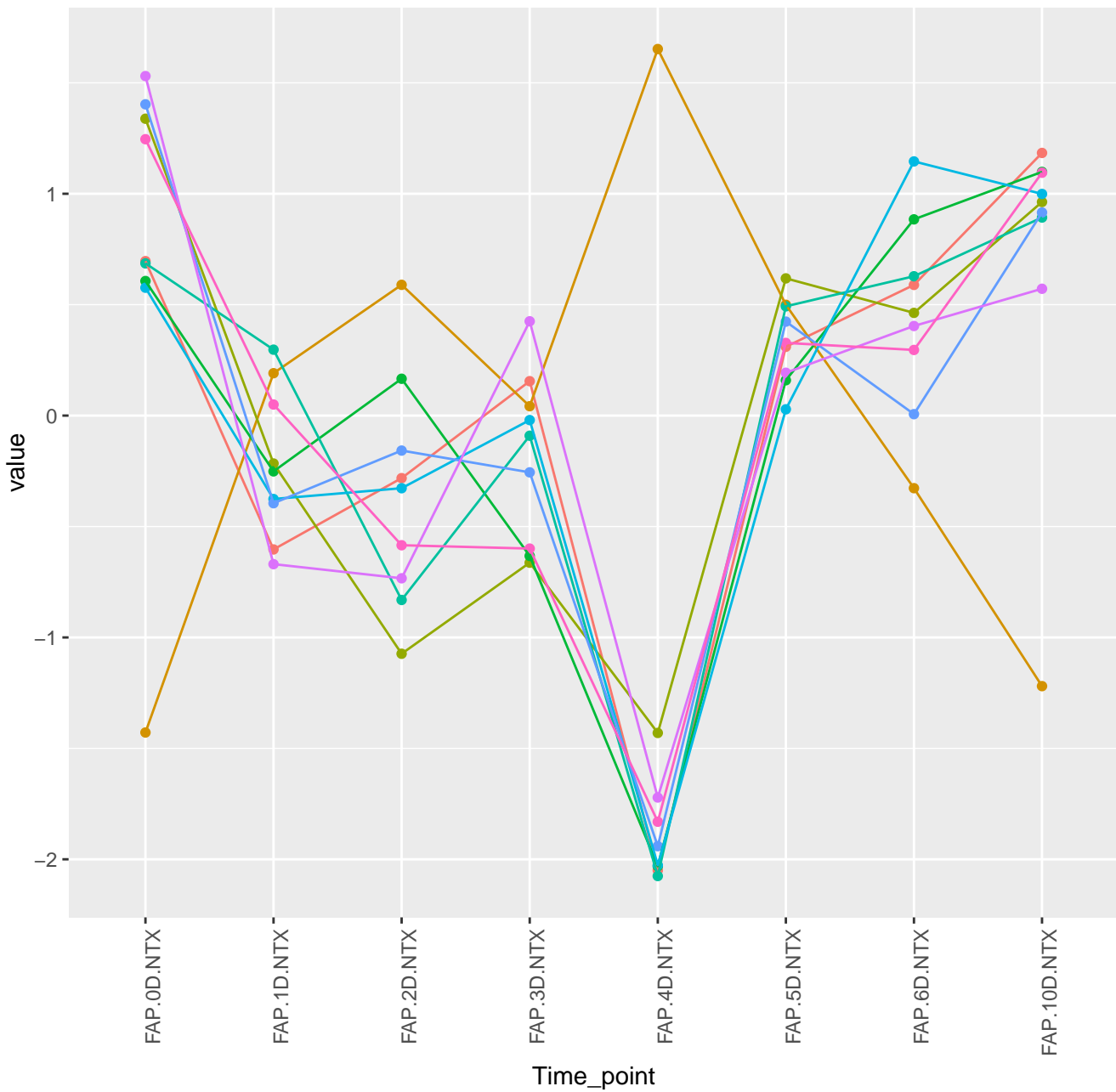
31 genes – cluster 145



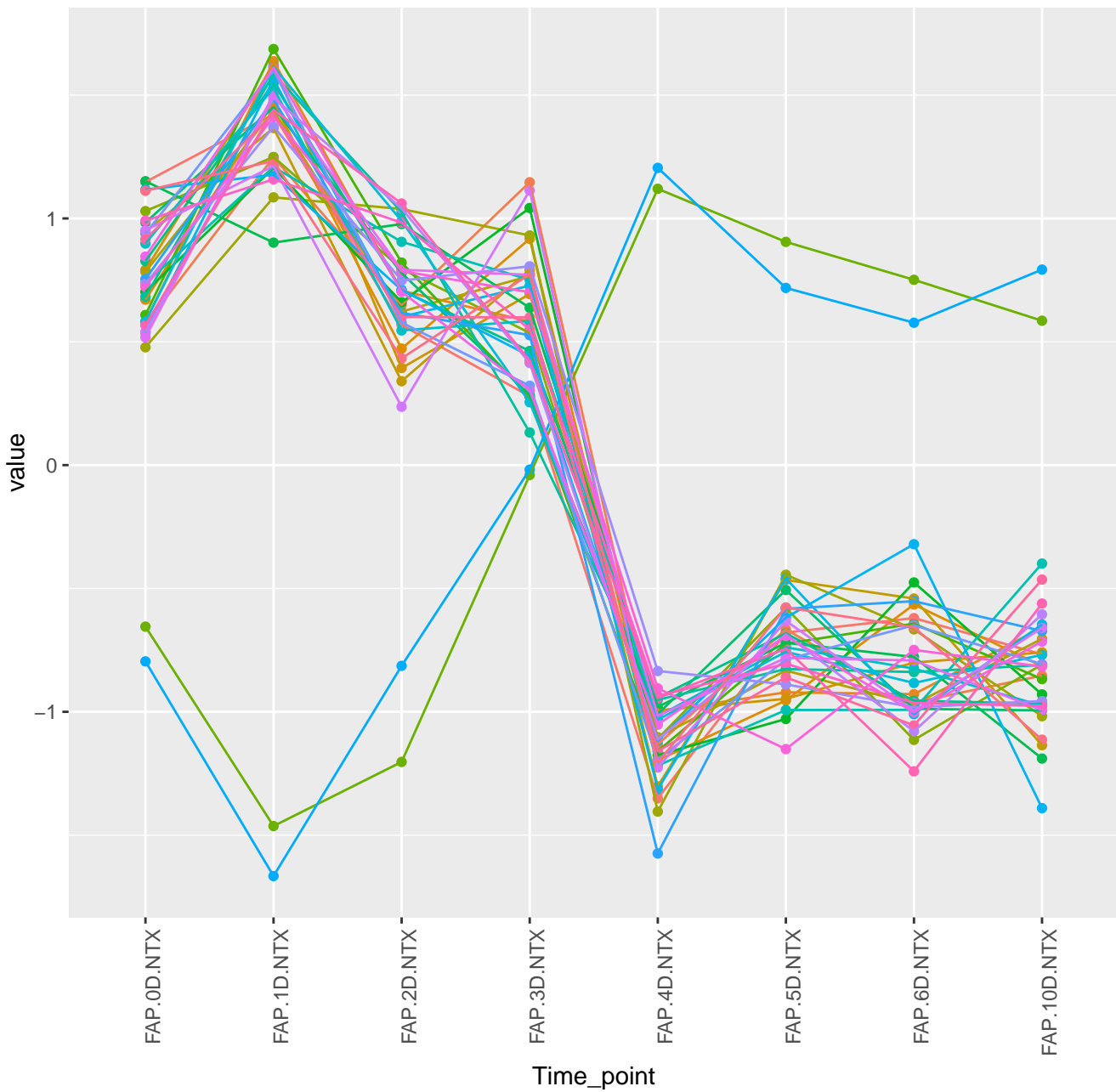
4 genes – cluster 146



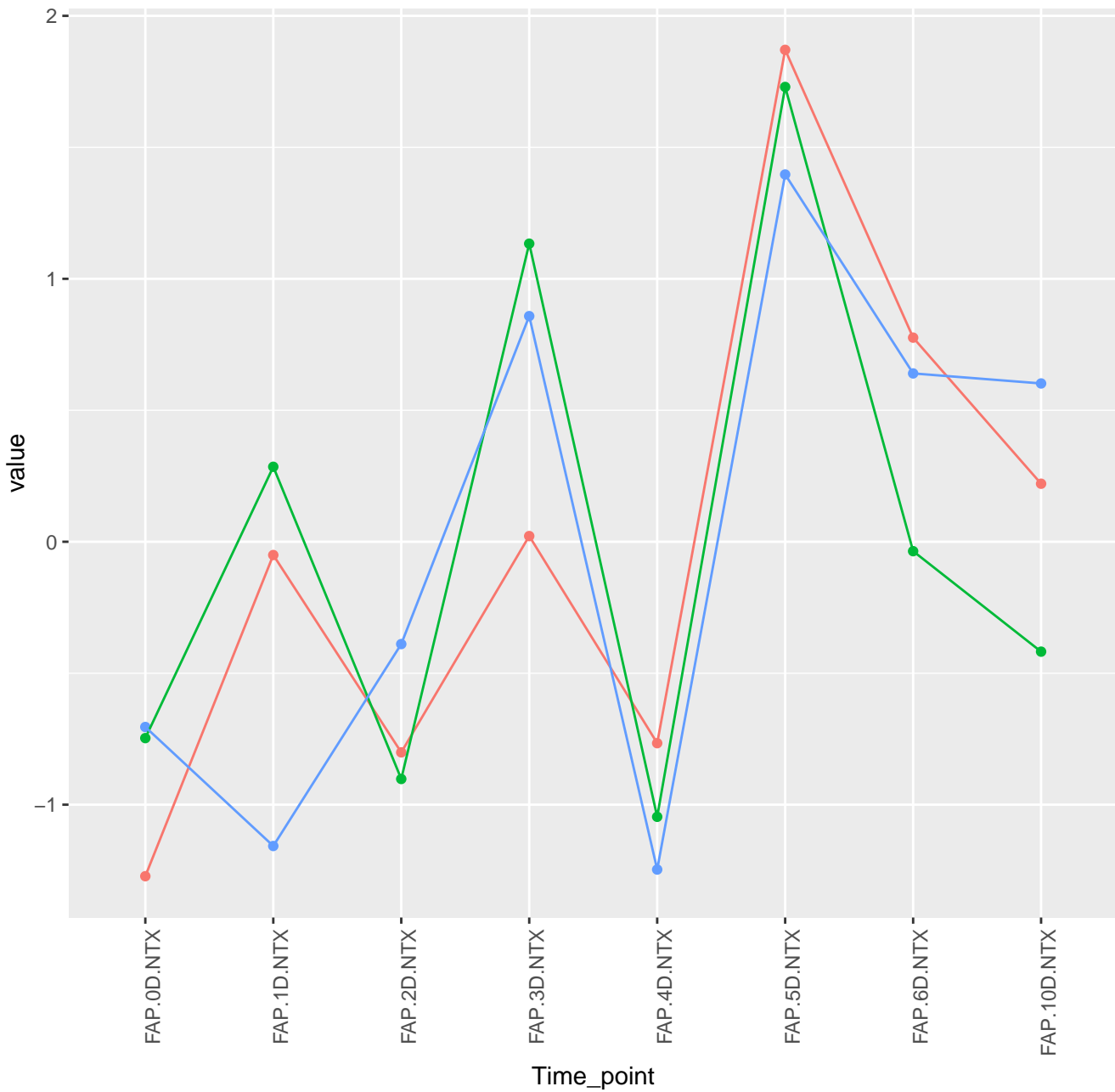
9 genes – cluster 147



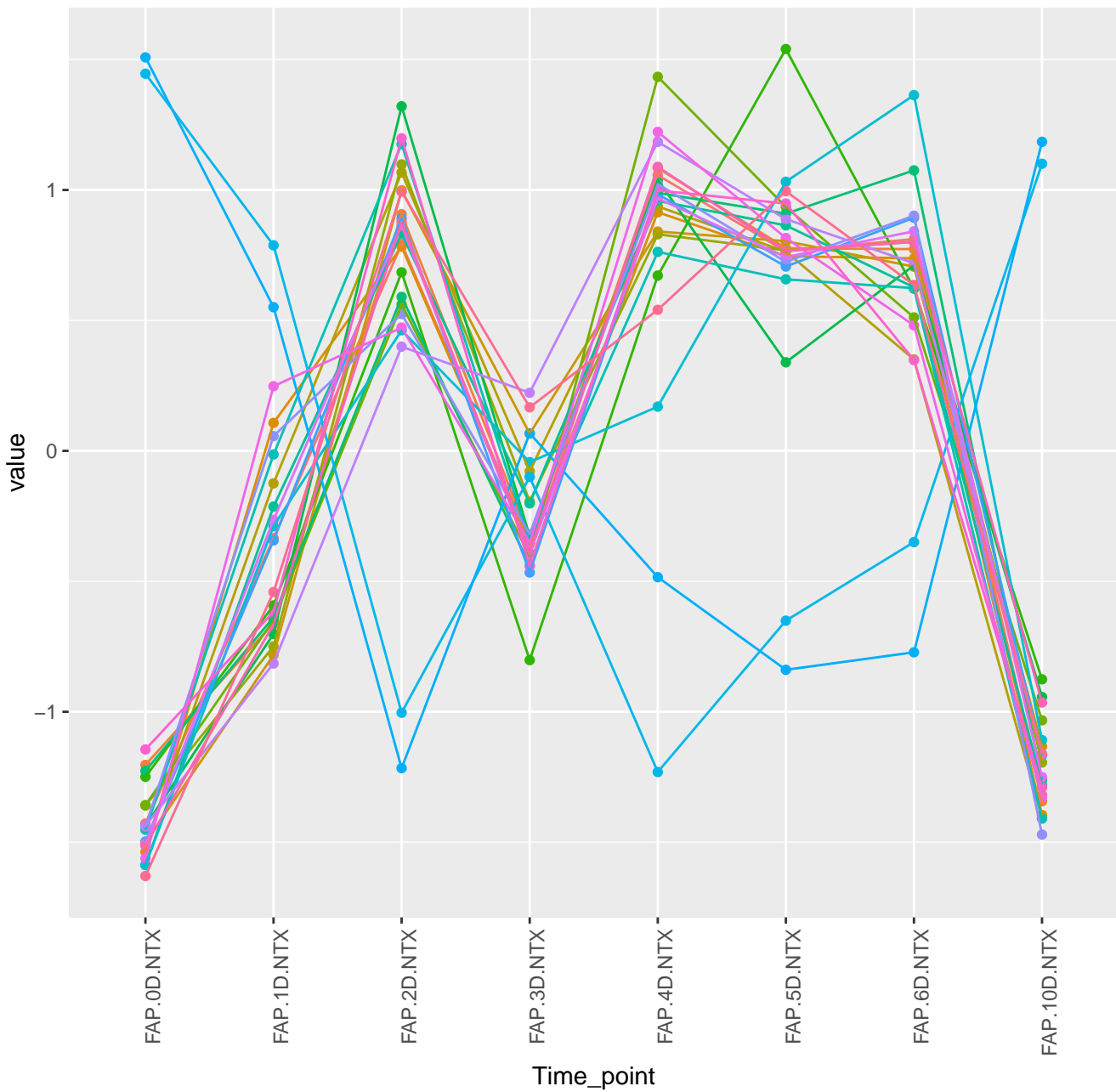
34 genes – cluster 148



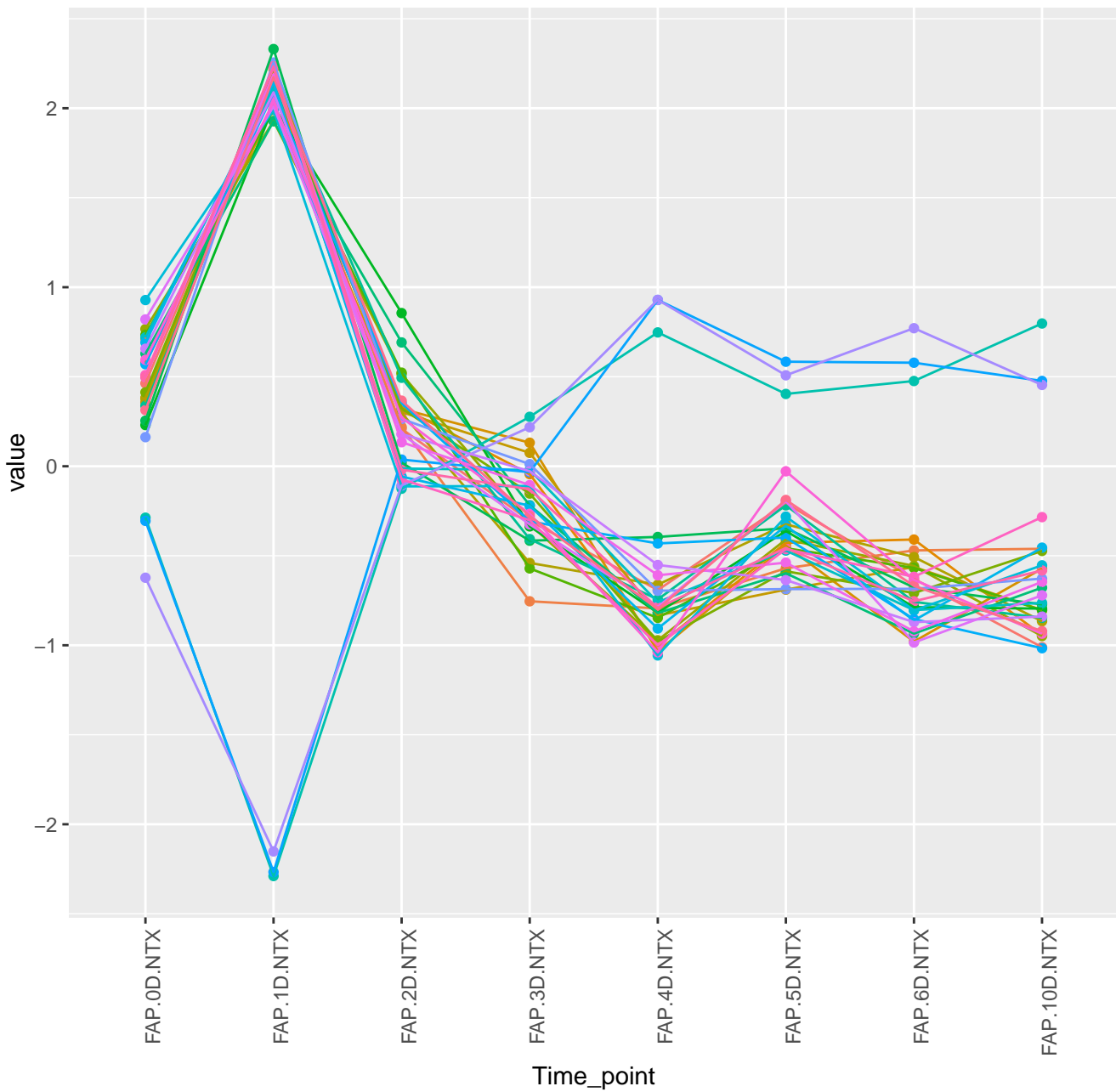
3 genes – cluster 149



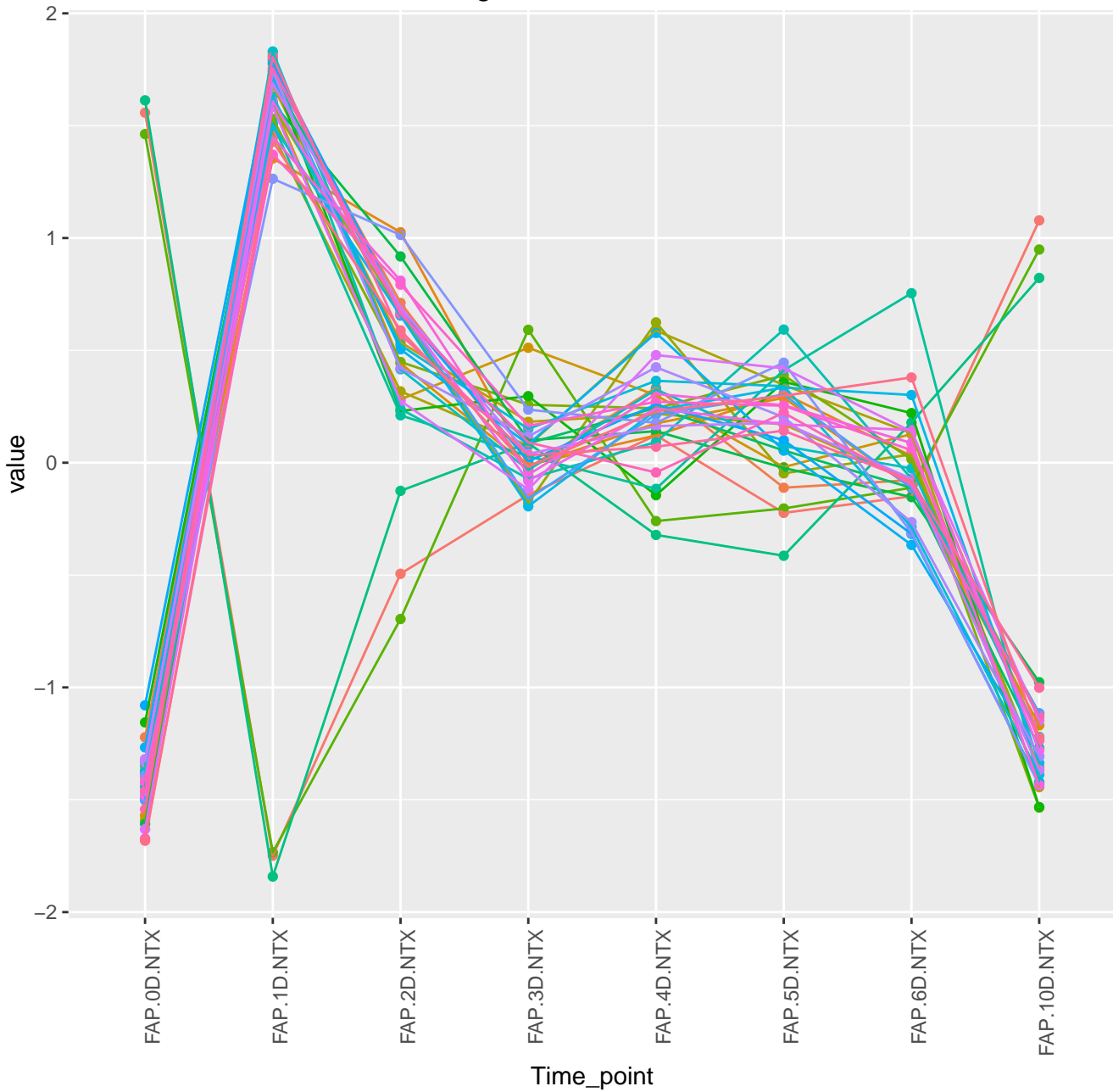
23 genes – cluster 150



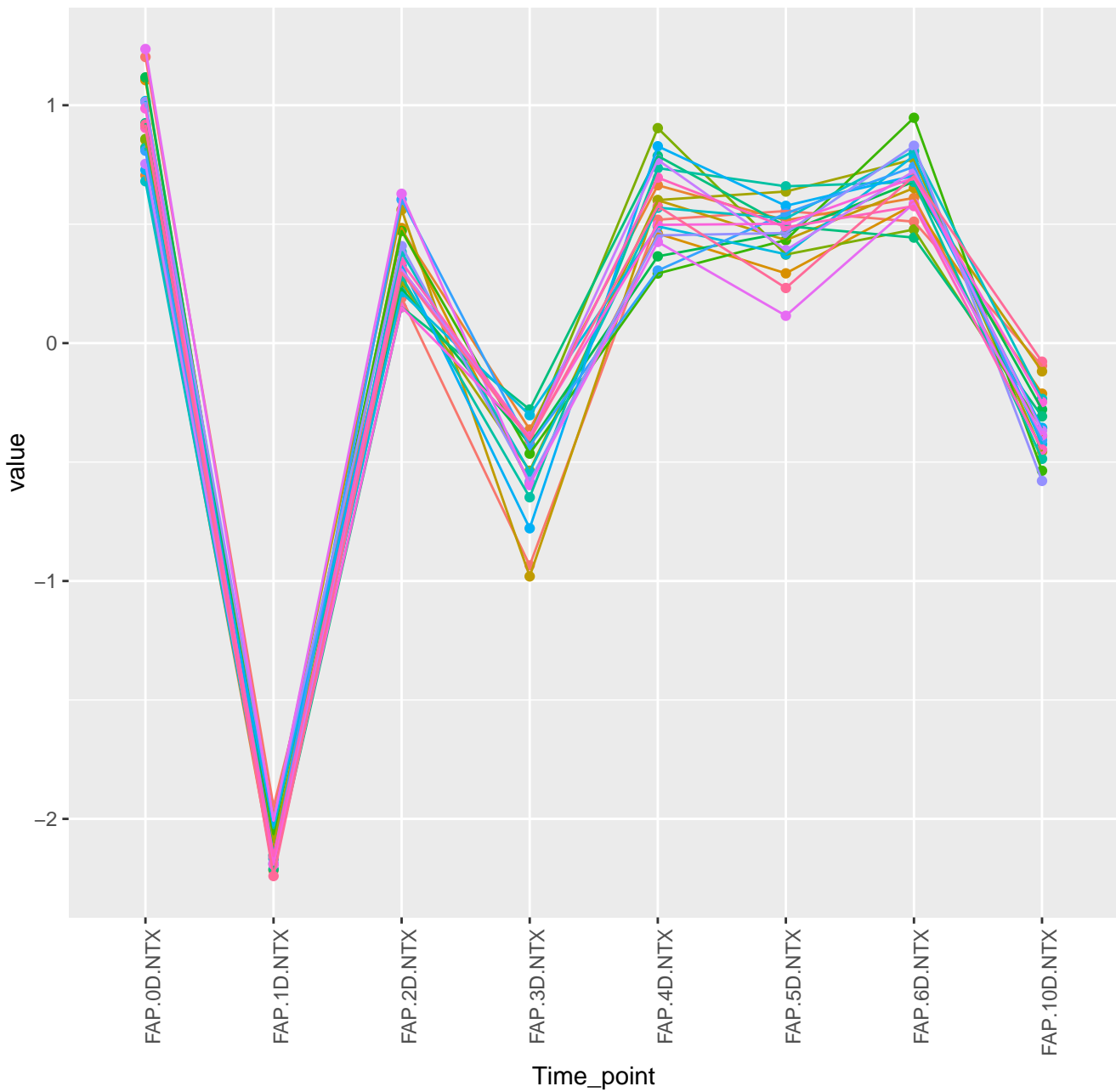
28 genes – cluster 151



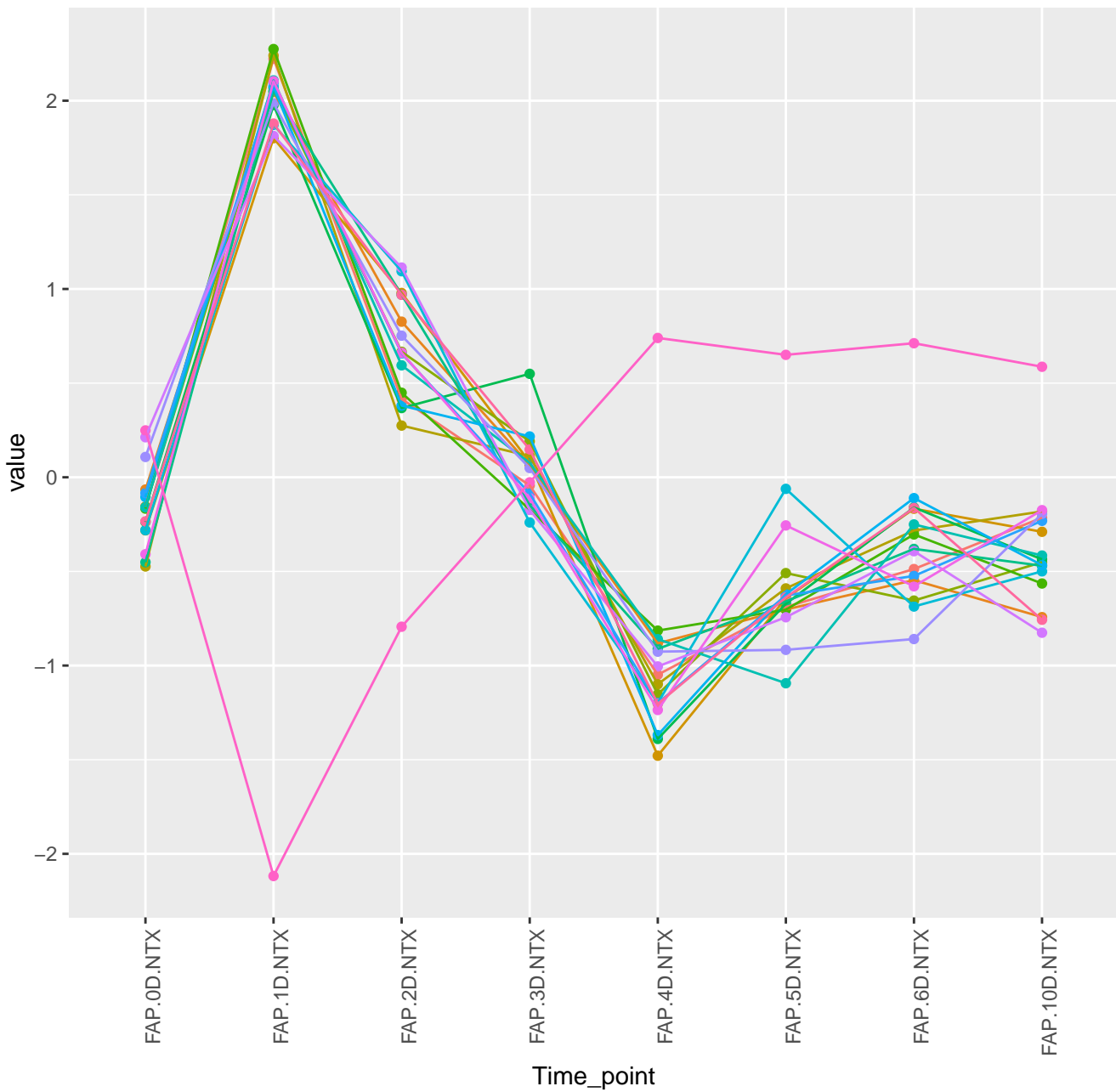
32 genes – cluster 152



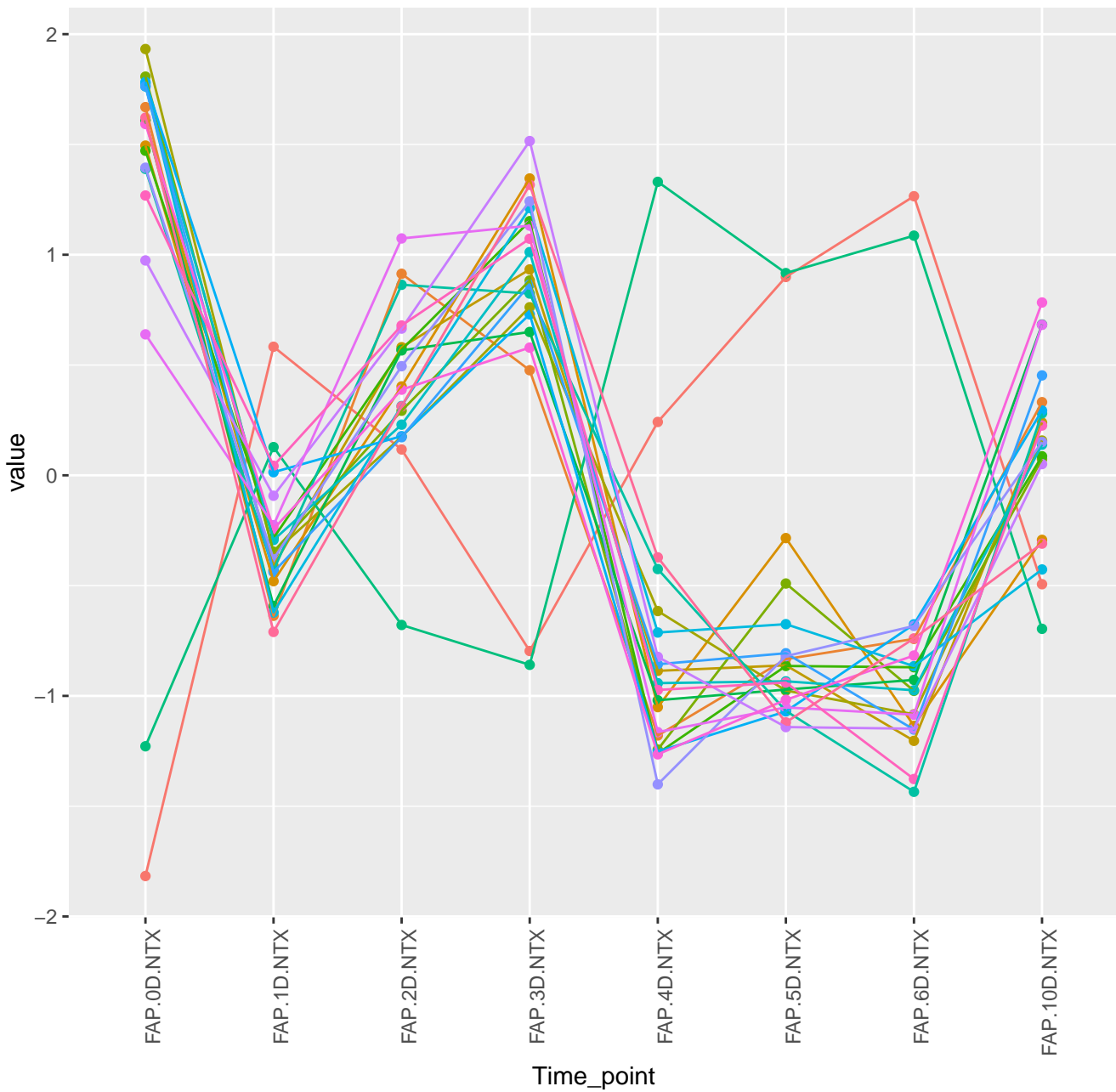
20 genes – cluster 153



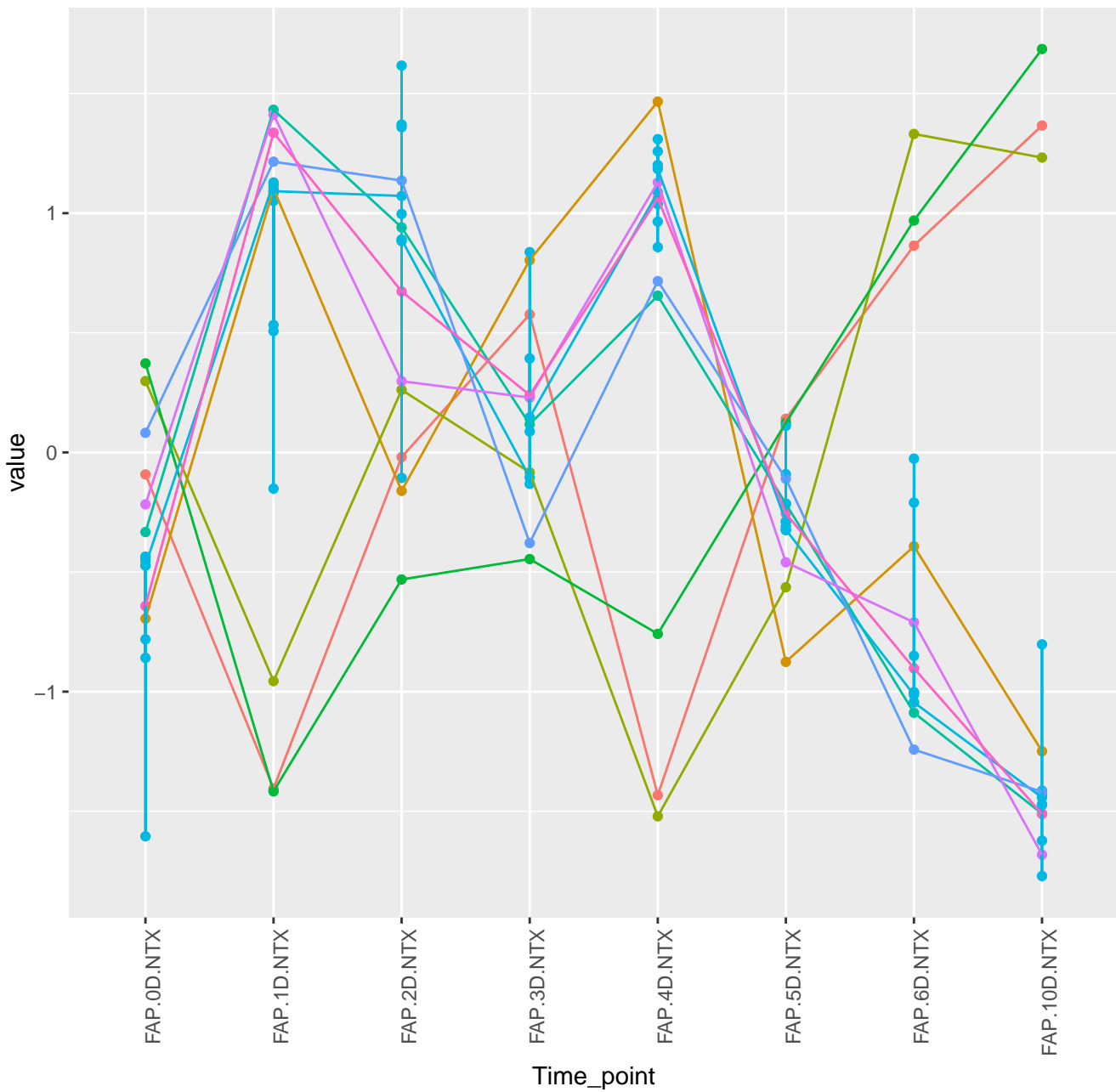
17 genes – cluster 154



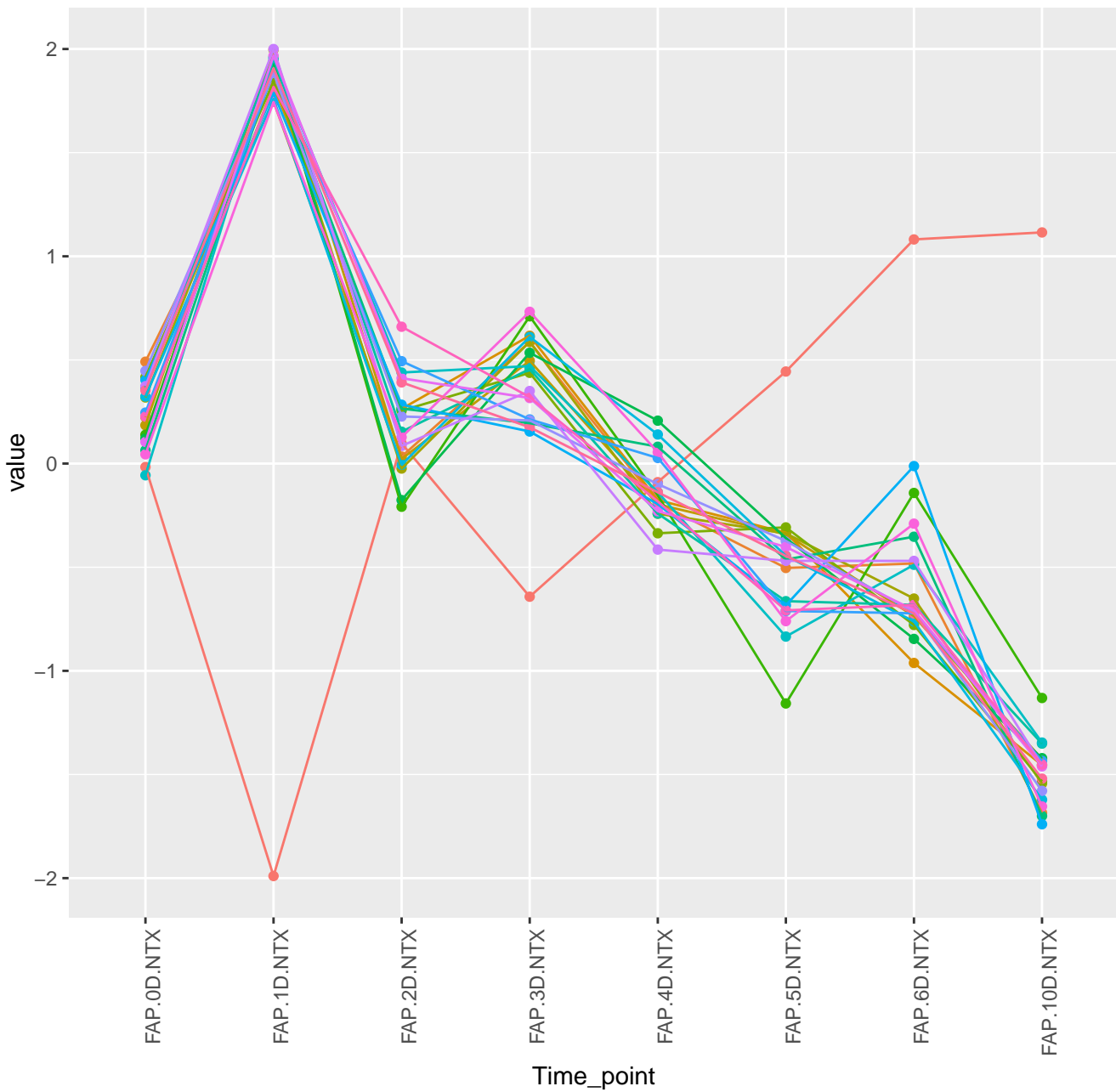
20 genes – cluster 155



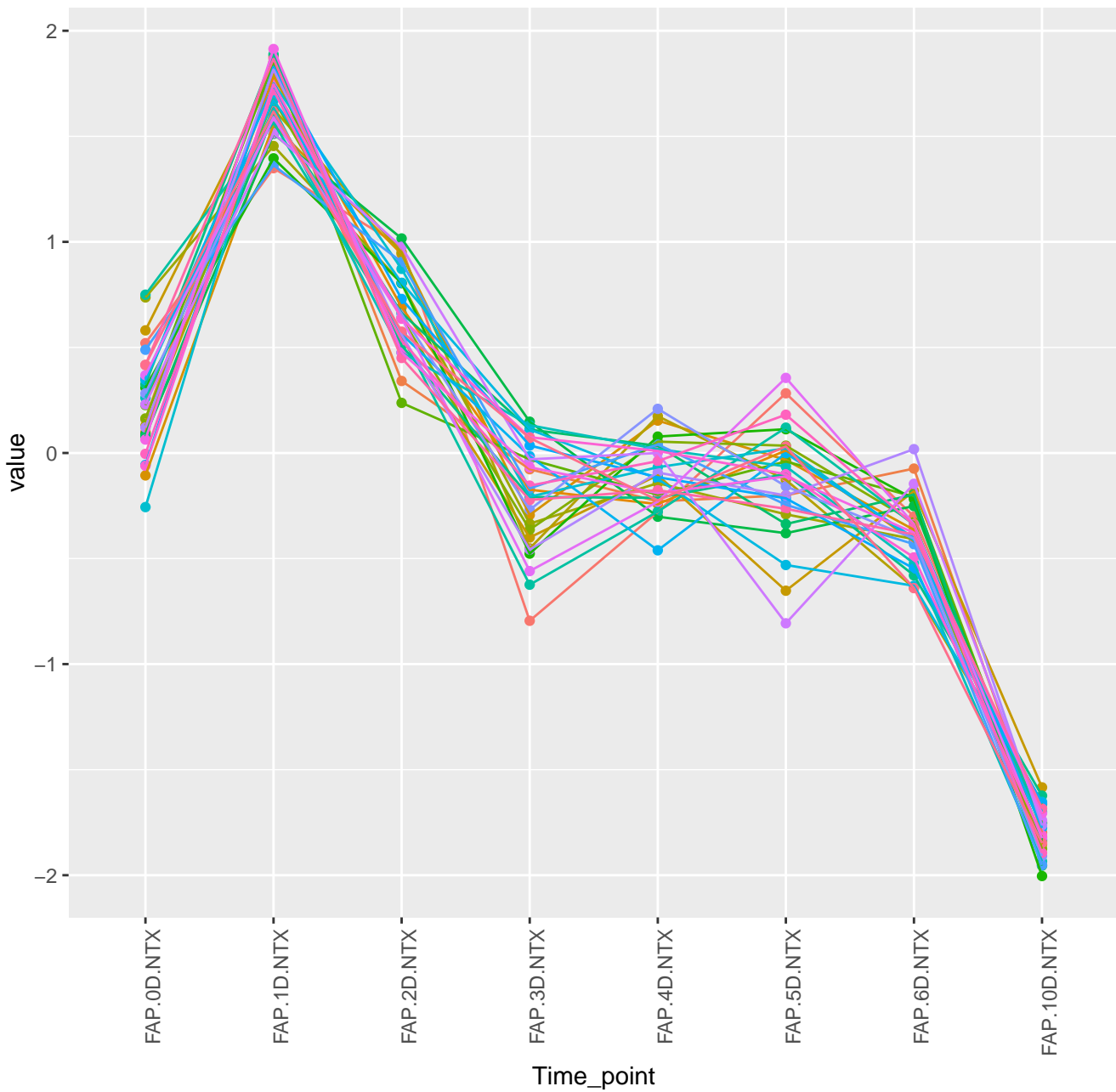
16 genes – cluster 156



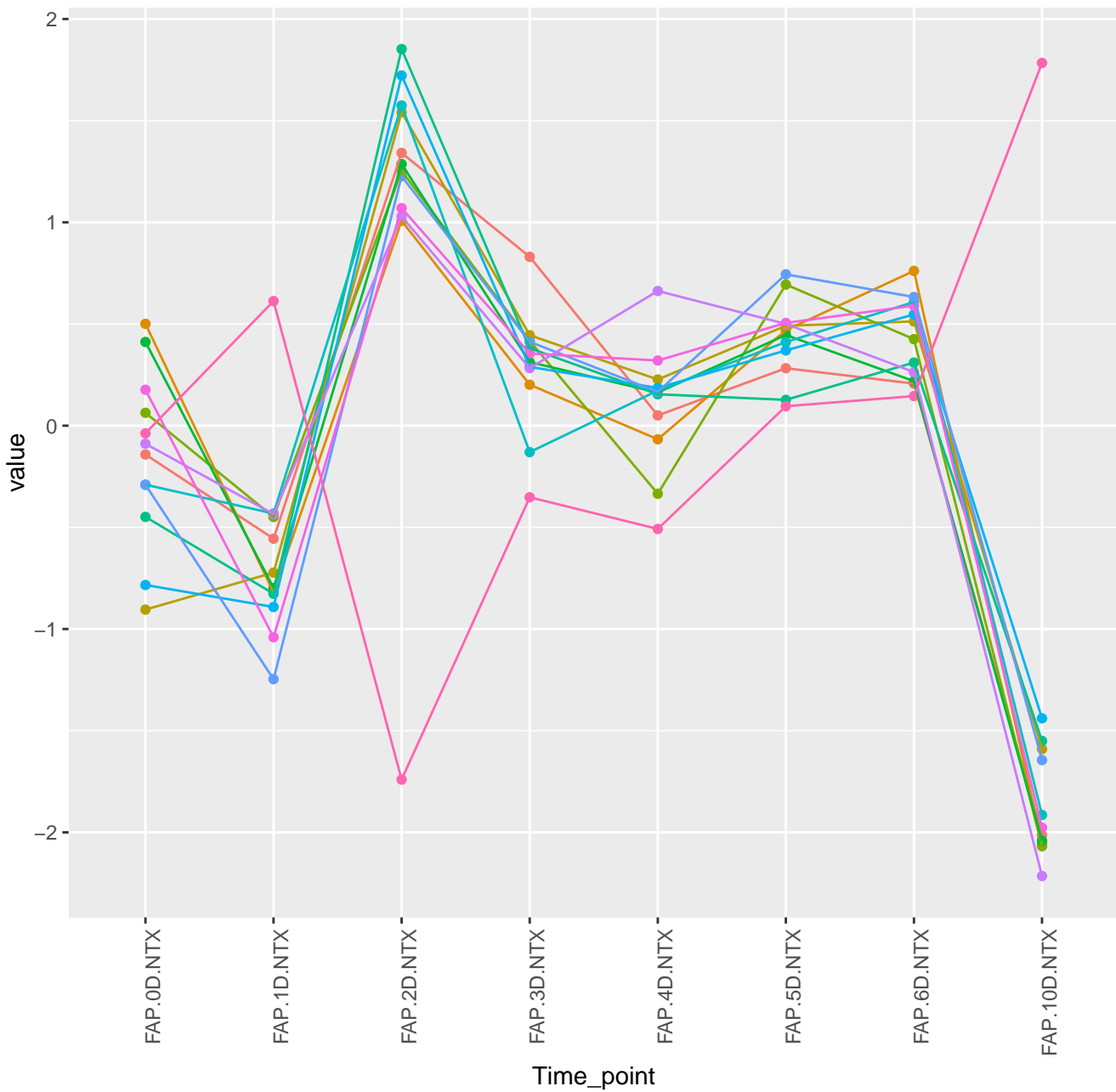
20 genes – cluster 157



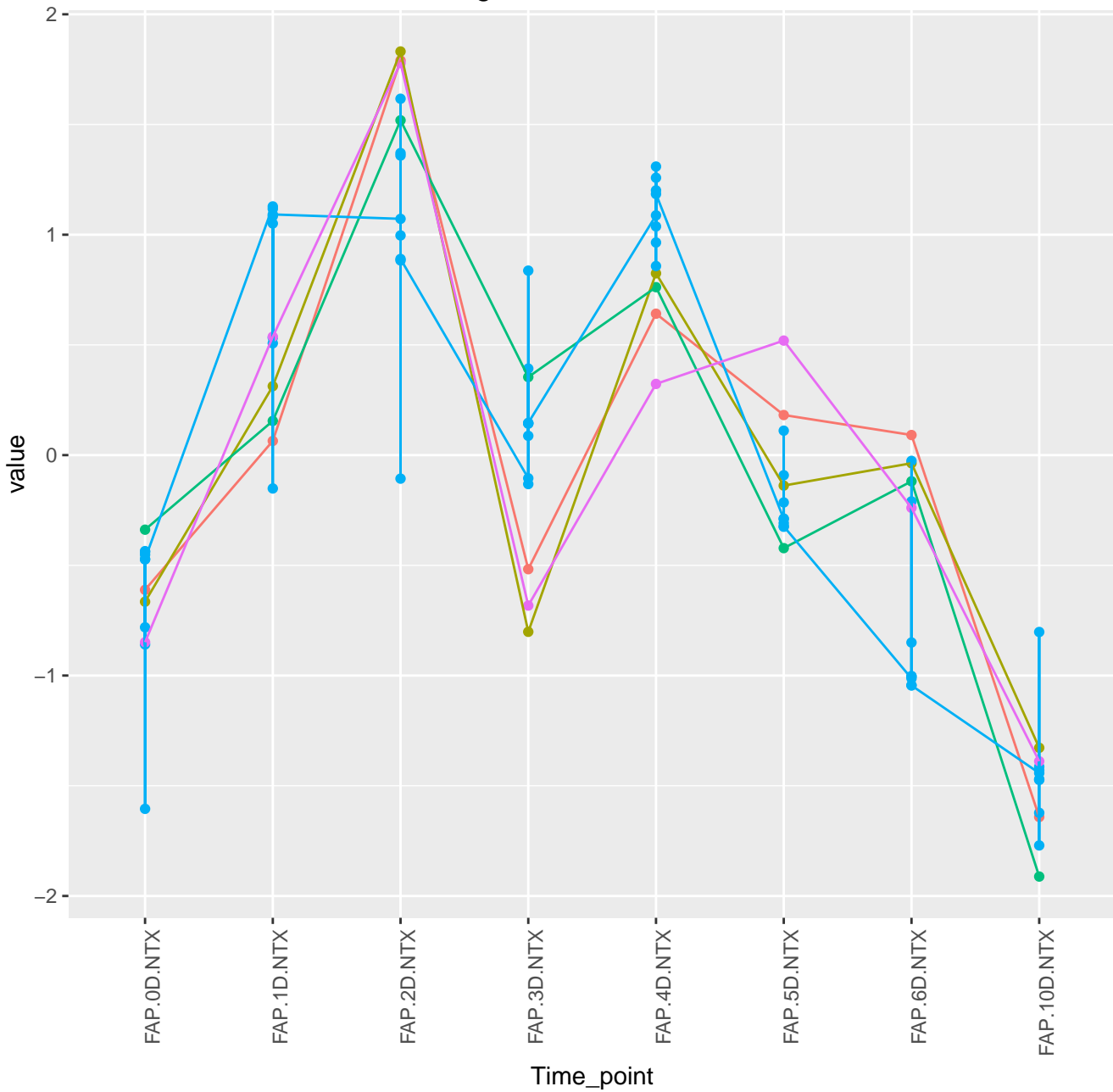
29 genes – cluster 158



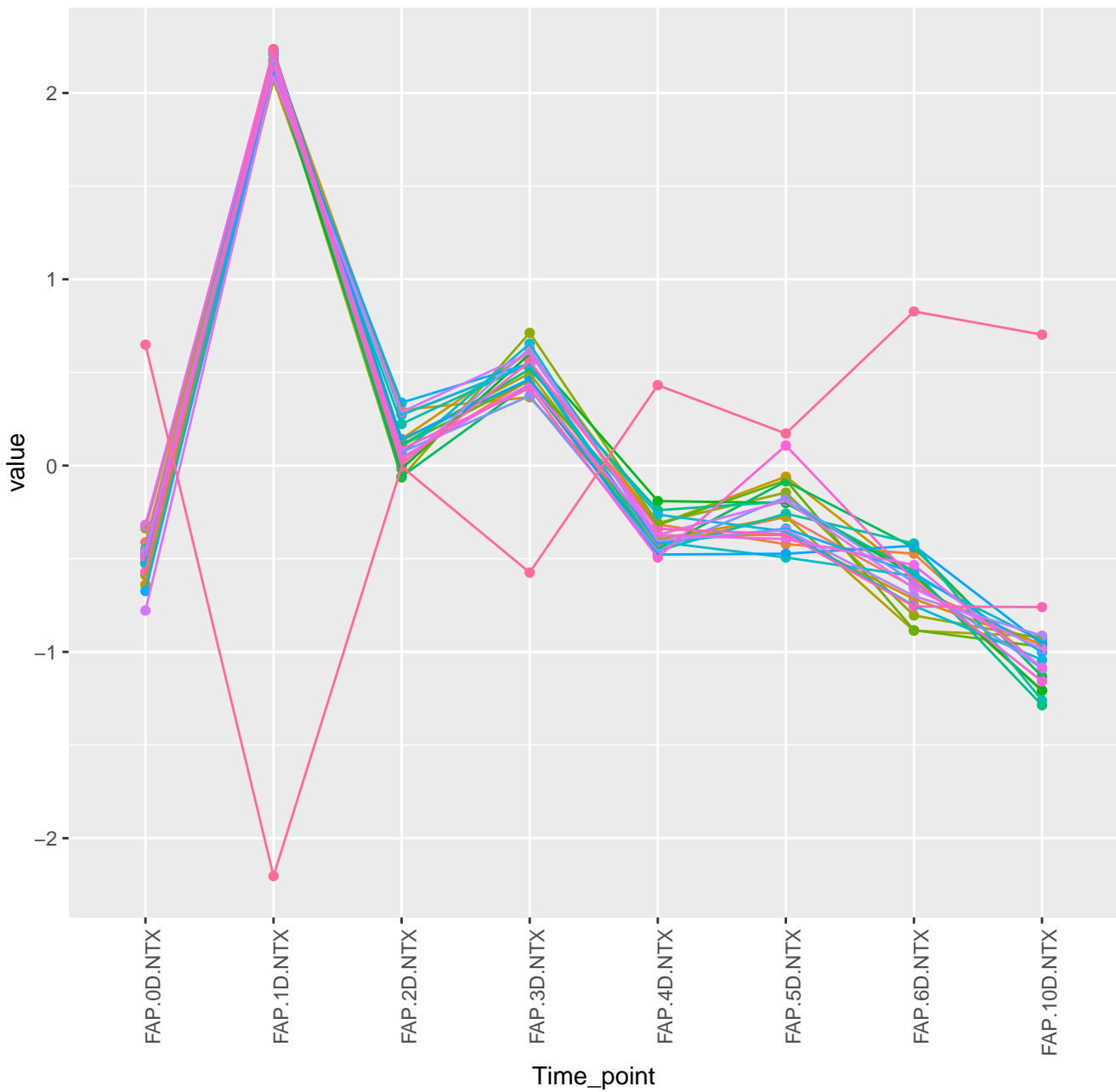
12 genes – cluster 159



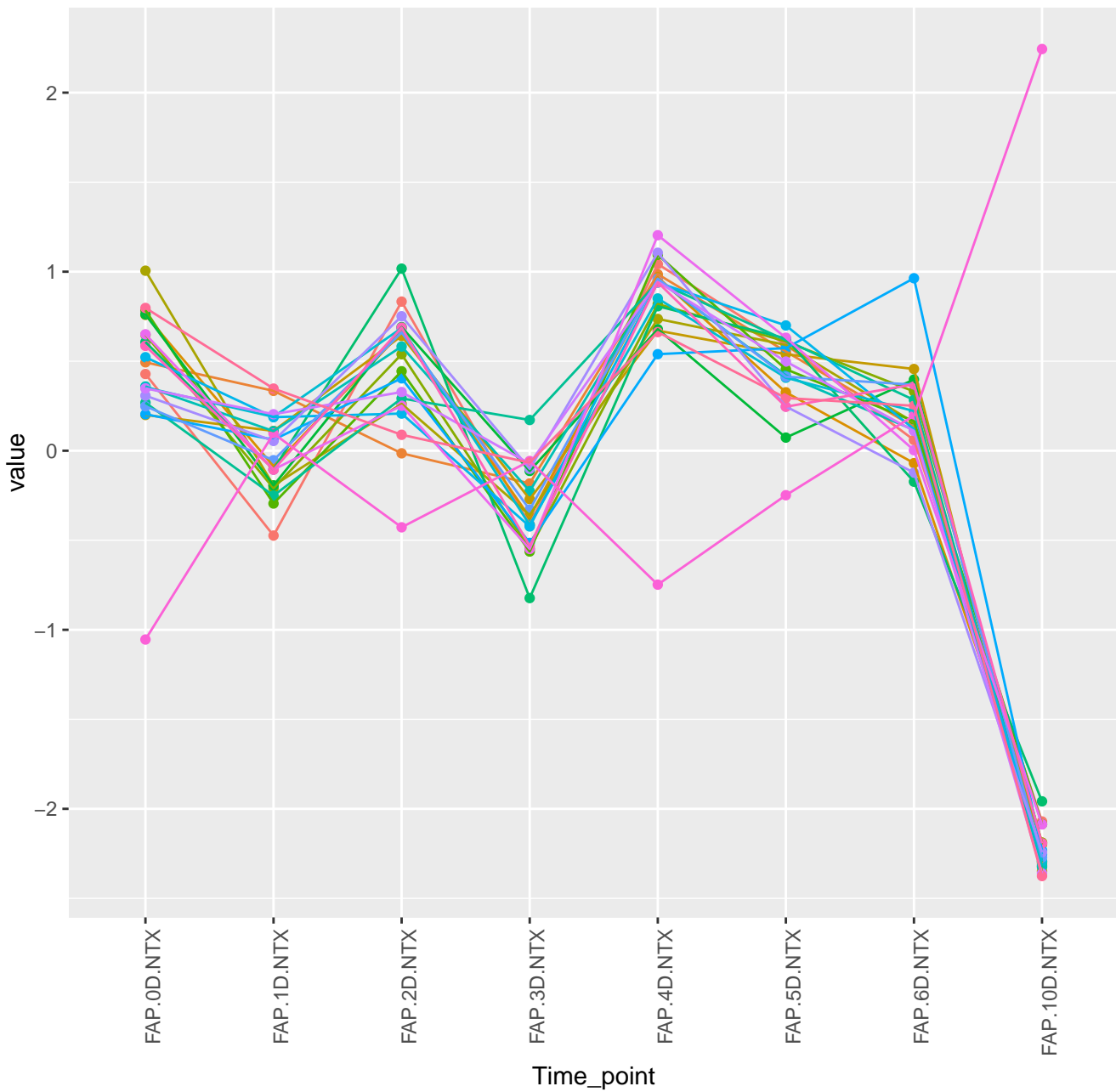
12 genes – cluster 160



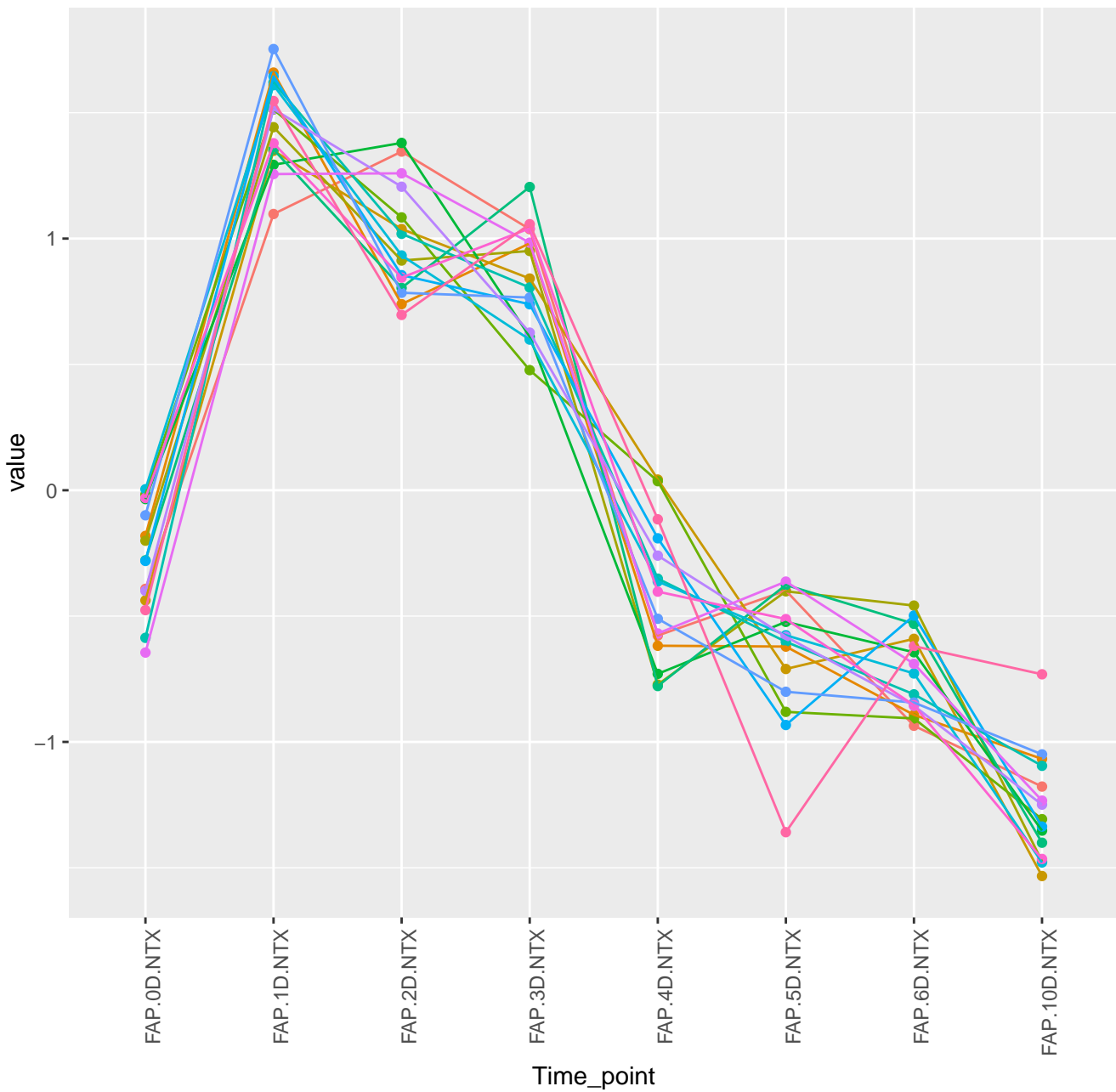
22 genes – cluster 161



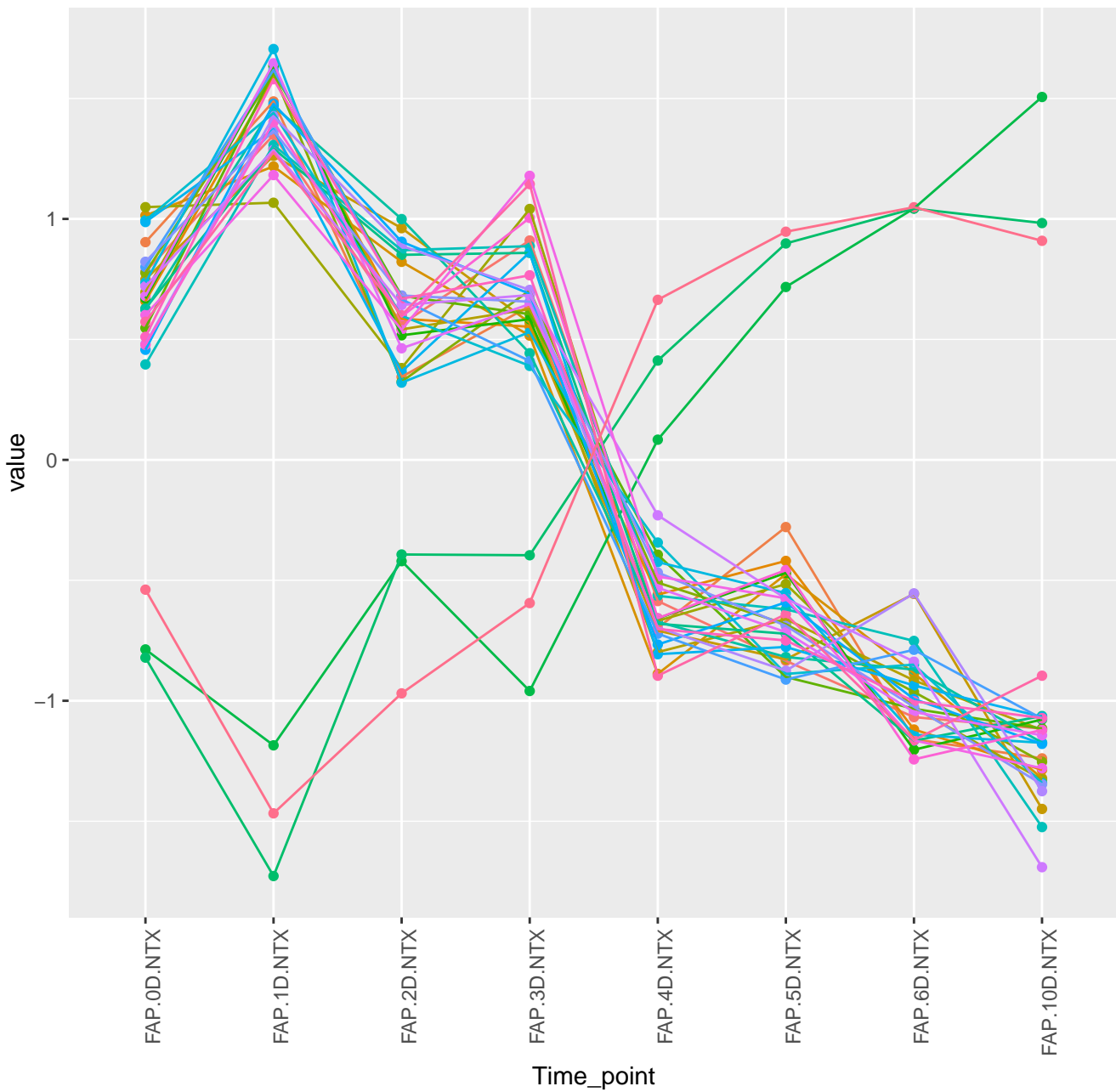
21 genes – cluster 162



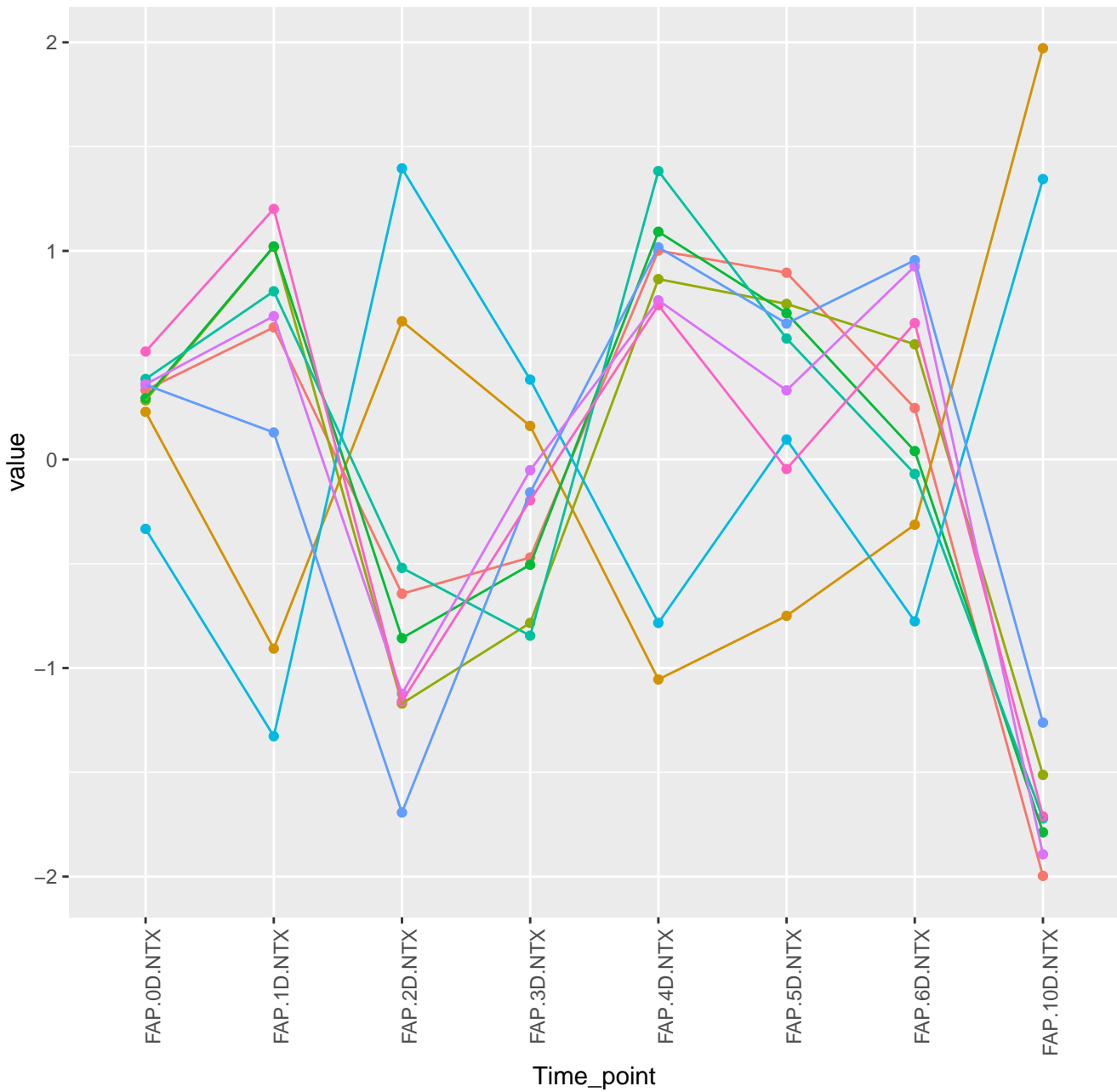
15 genes – cluster 163



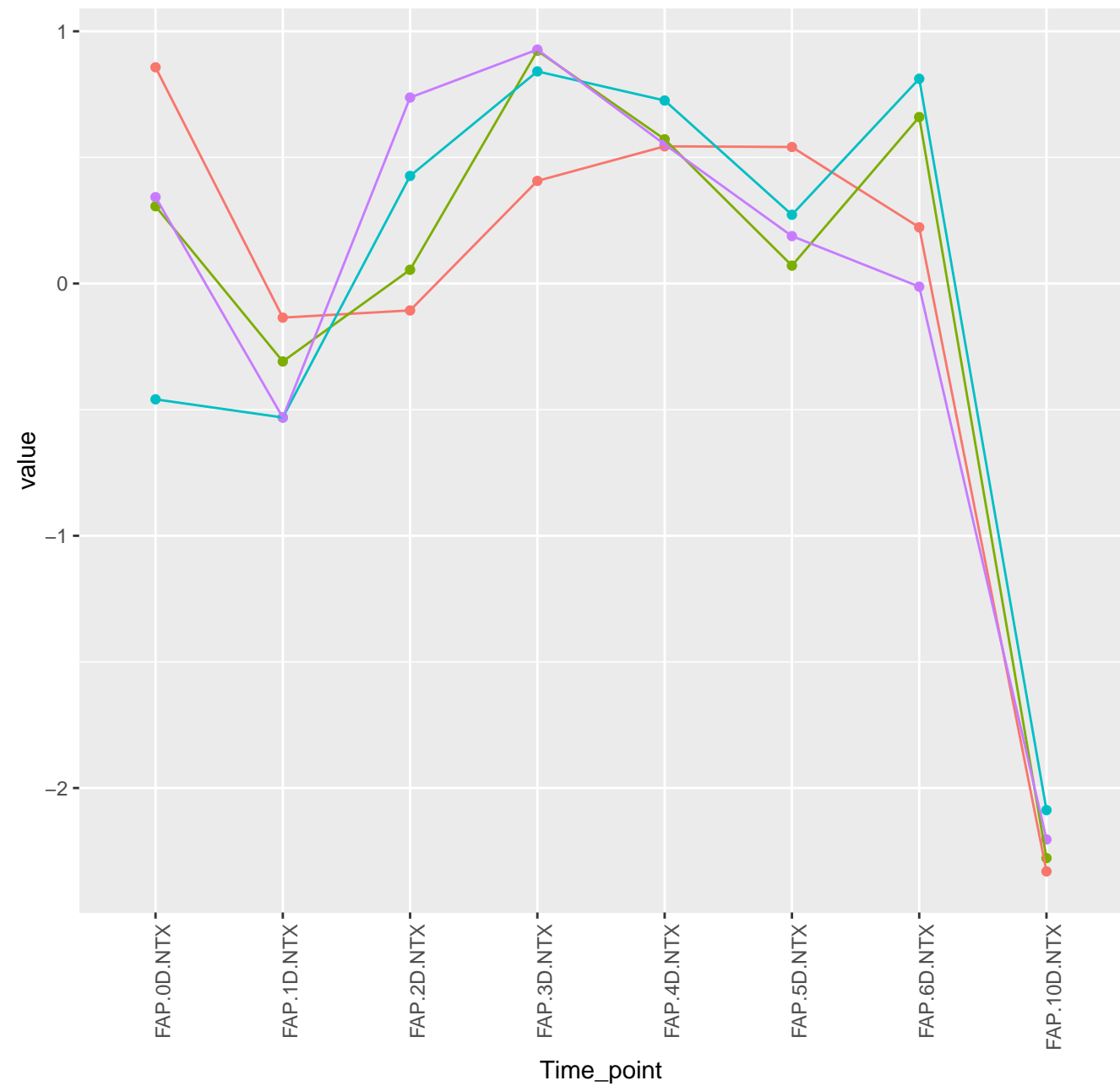
29 genes – cluster 164



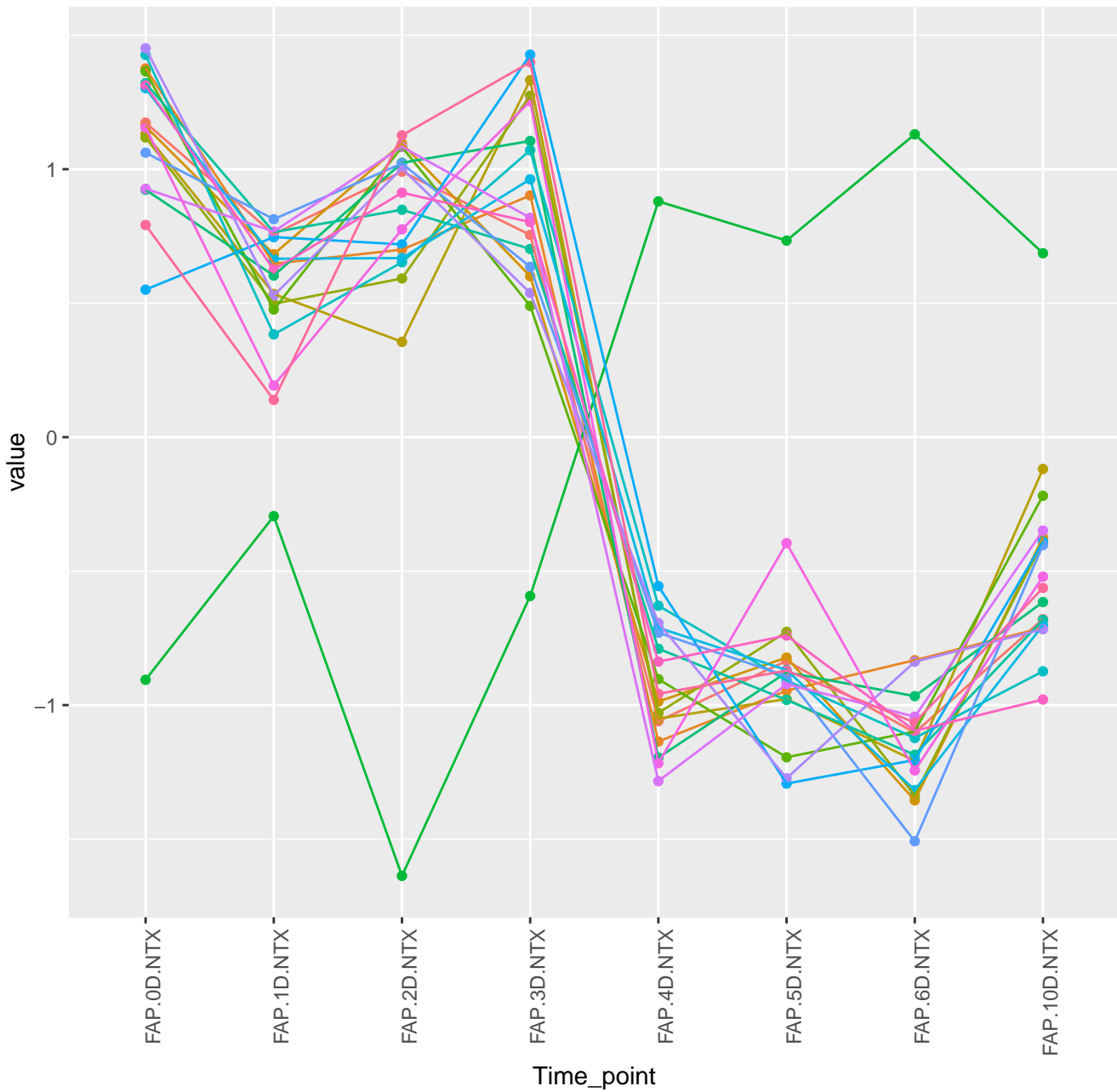
9 genes – cluster 165



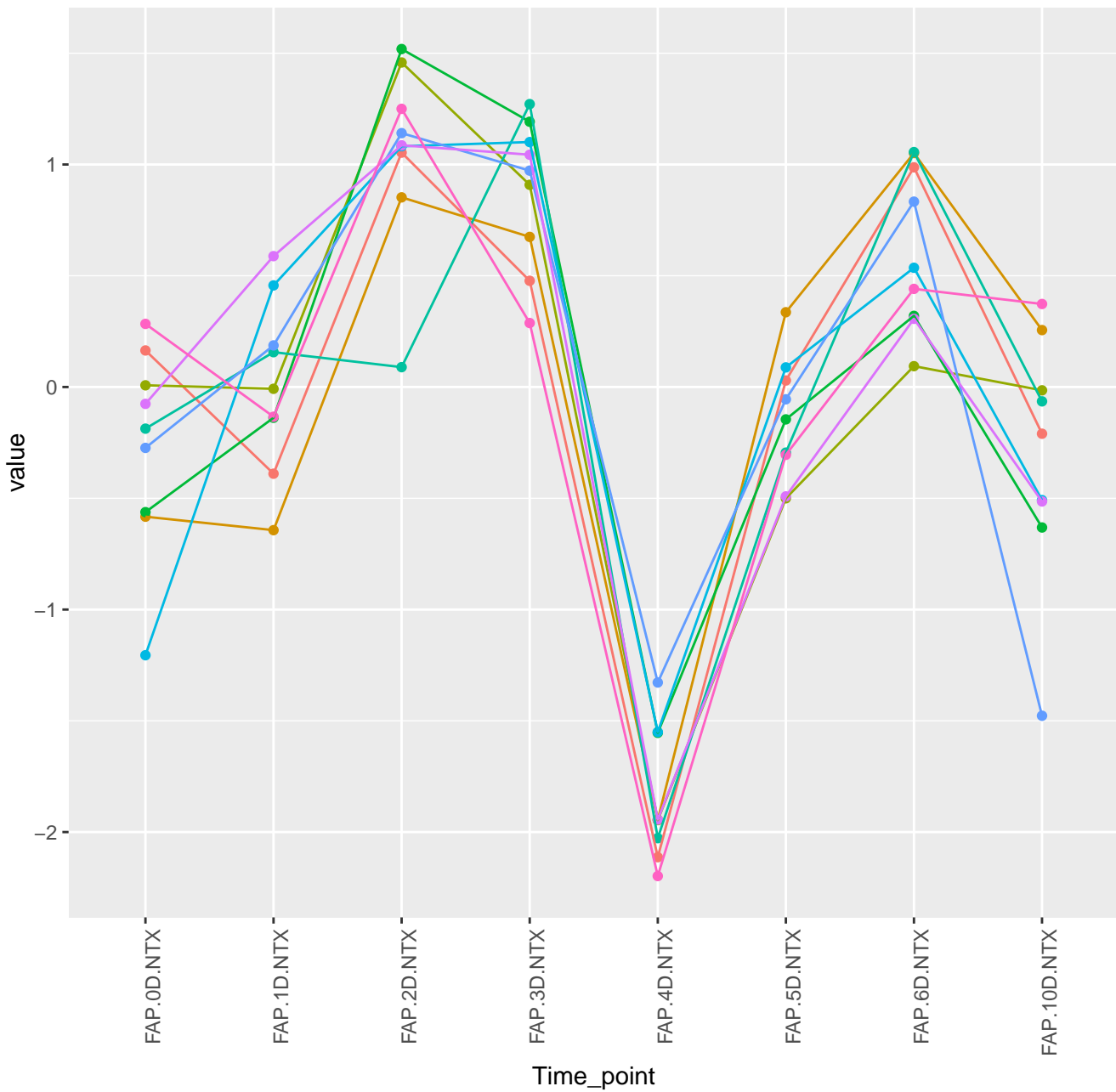
4 genes – cluster 166



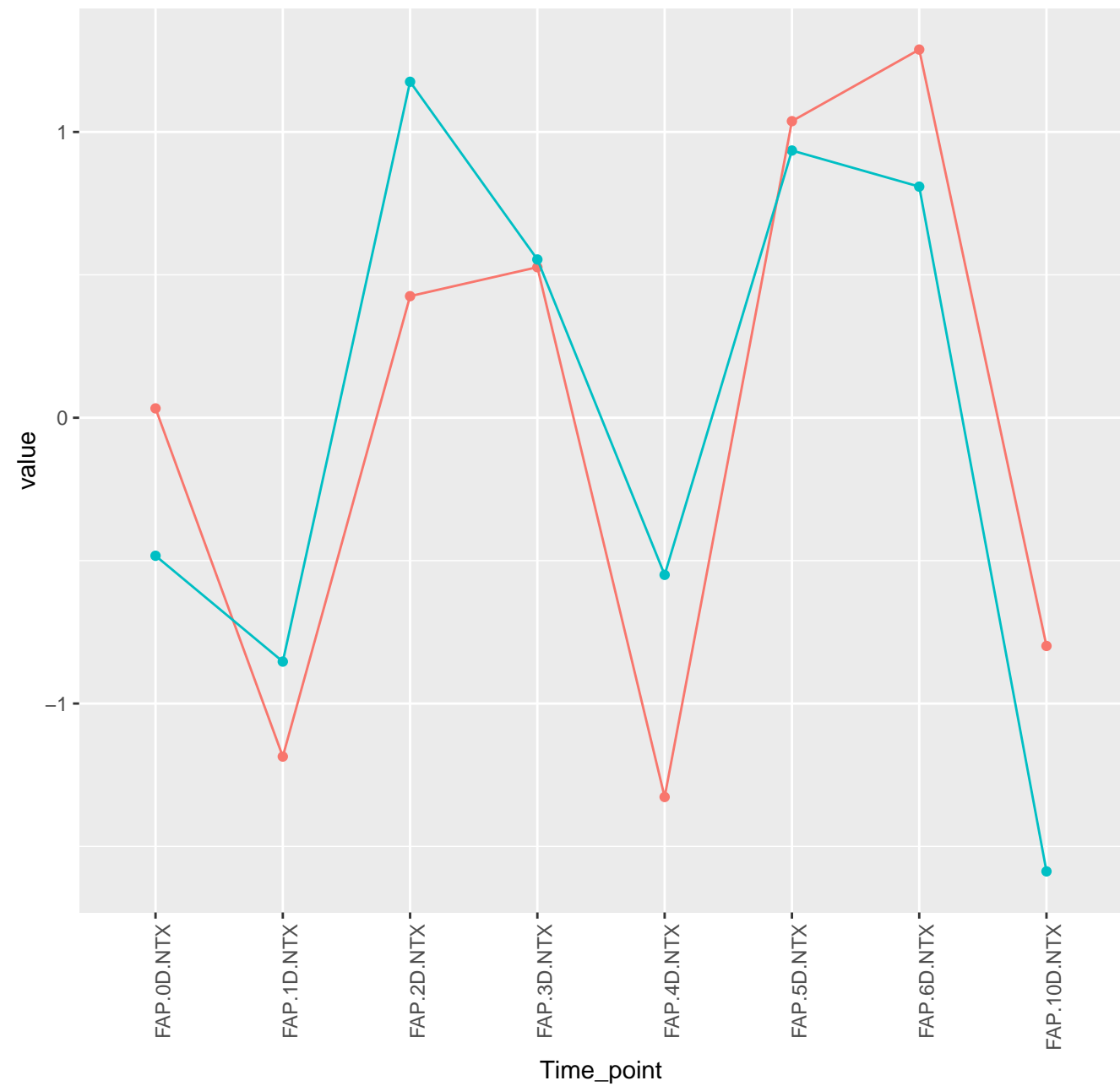
18 genes – cluster 167



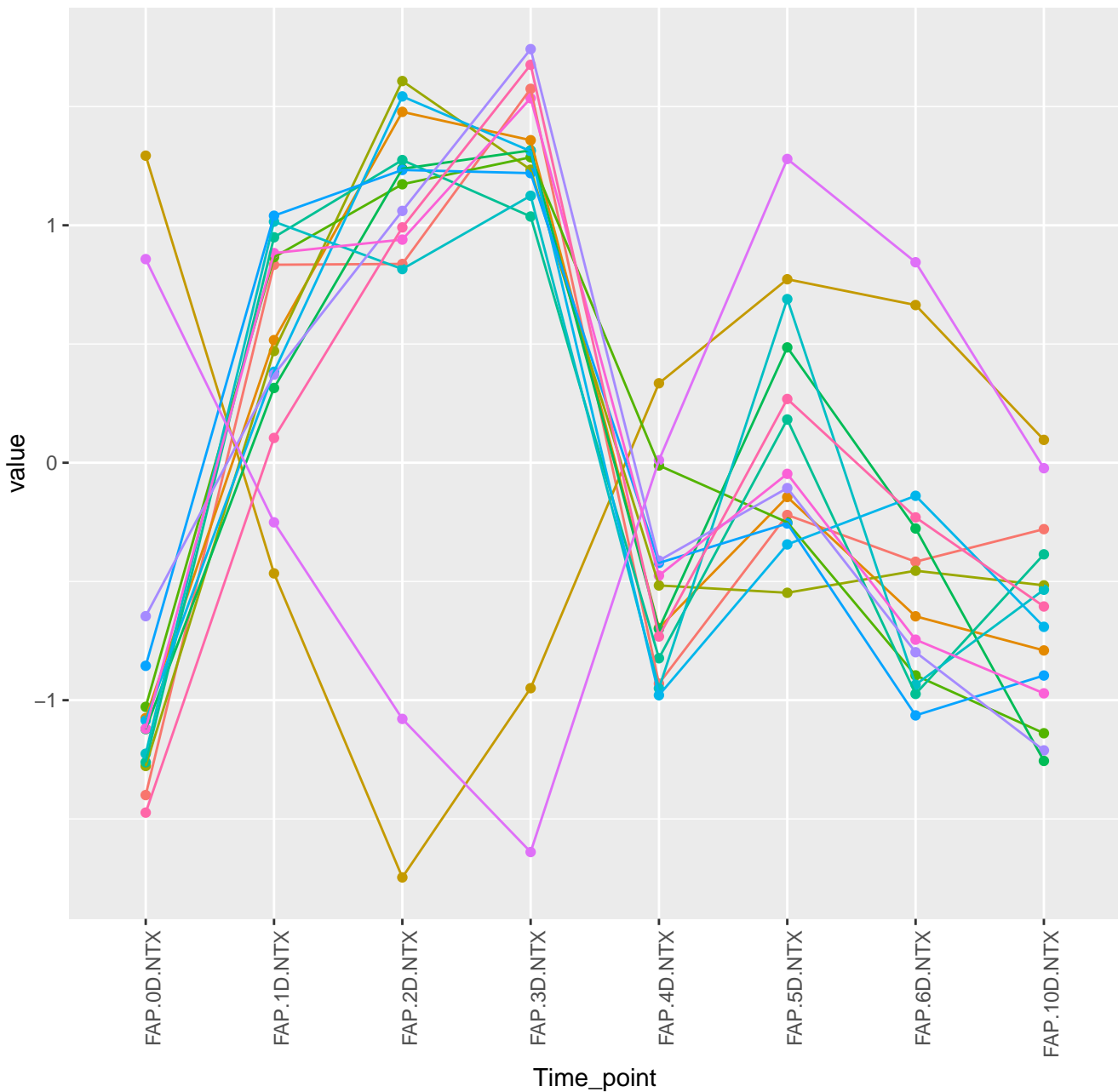
9 genes – cluster 168



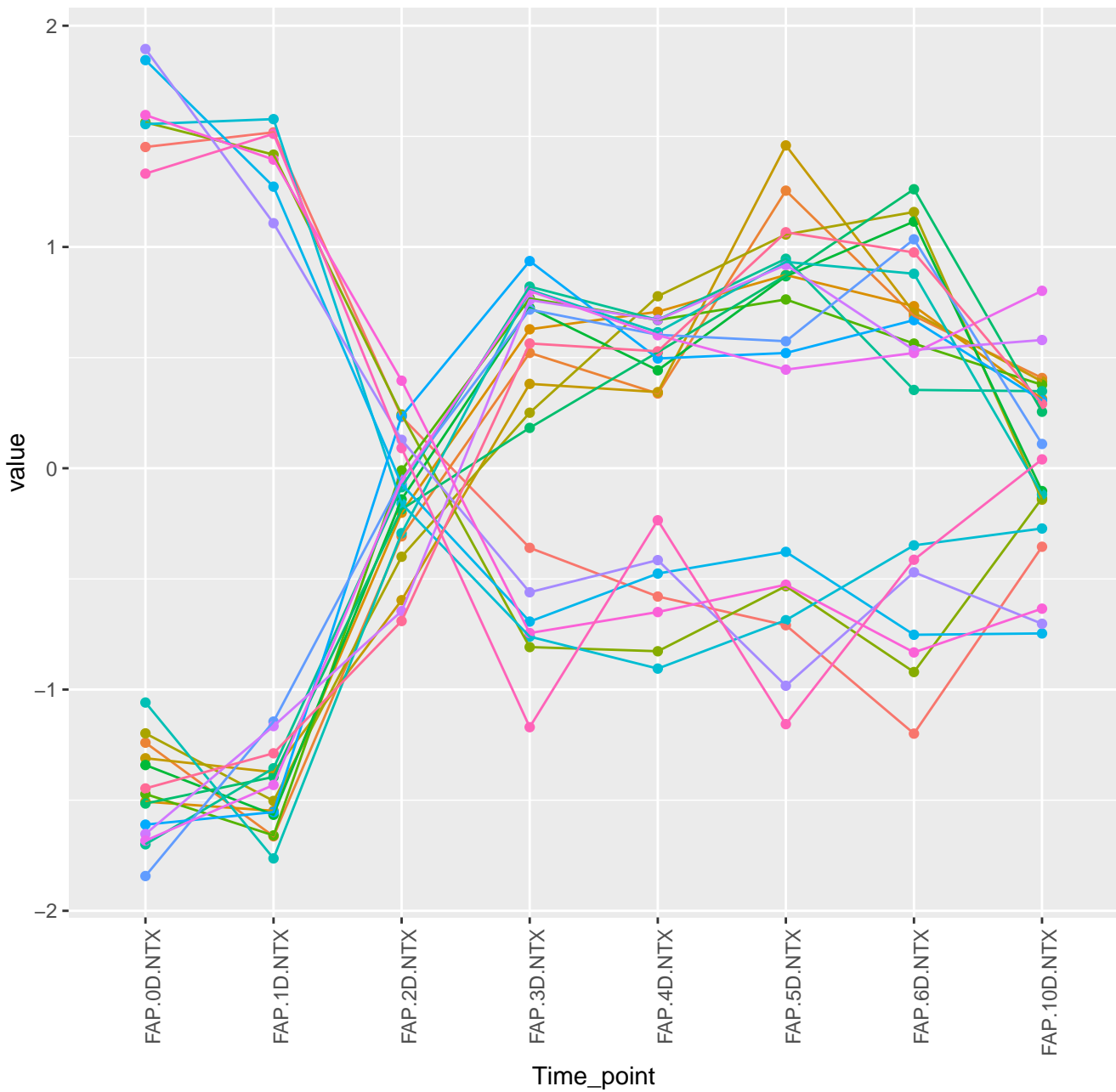
2 genes – cluster 169



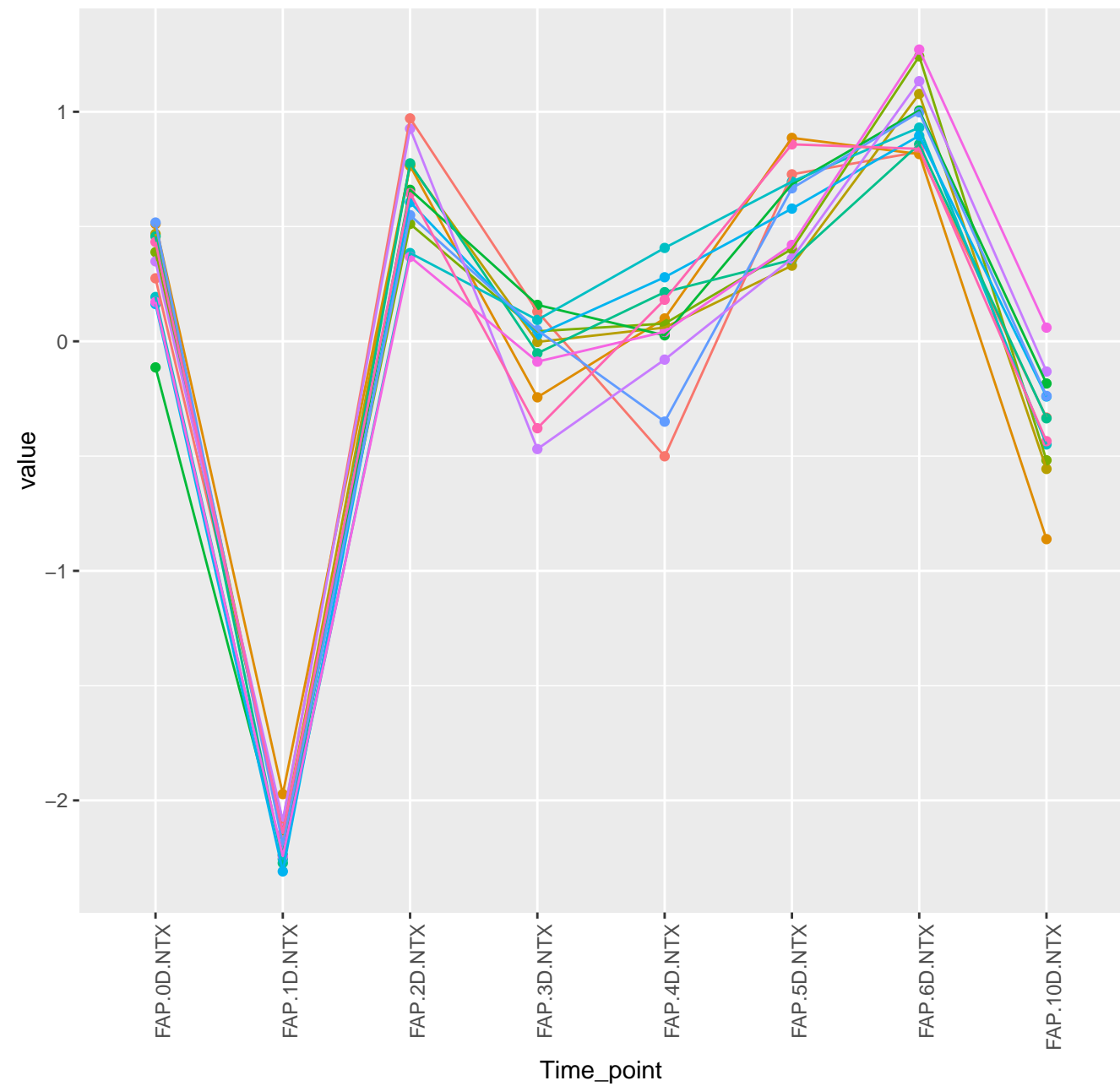
14 genes – cluster 170



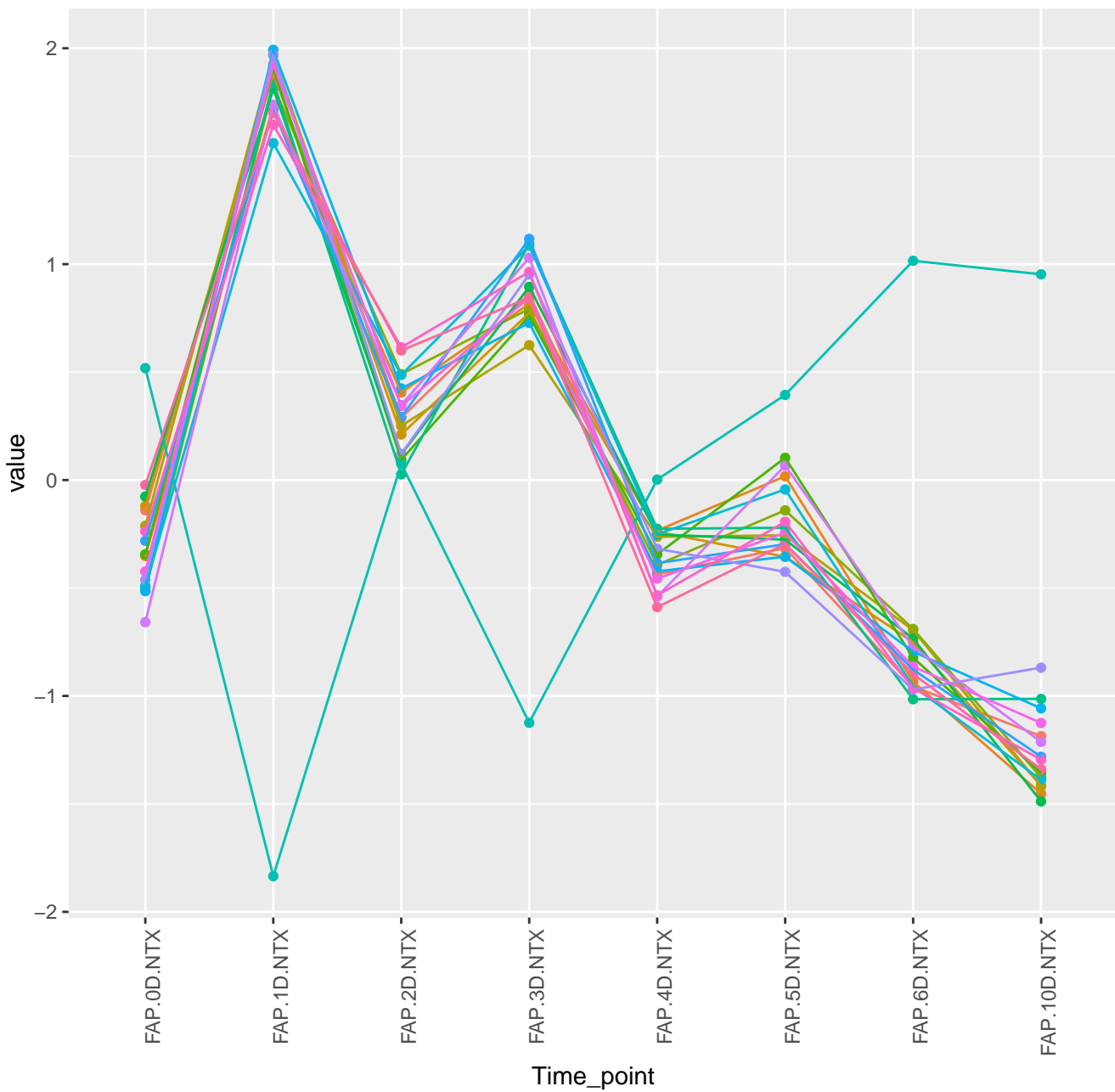
21 genes – cluster 171



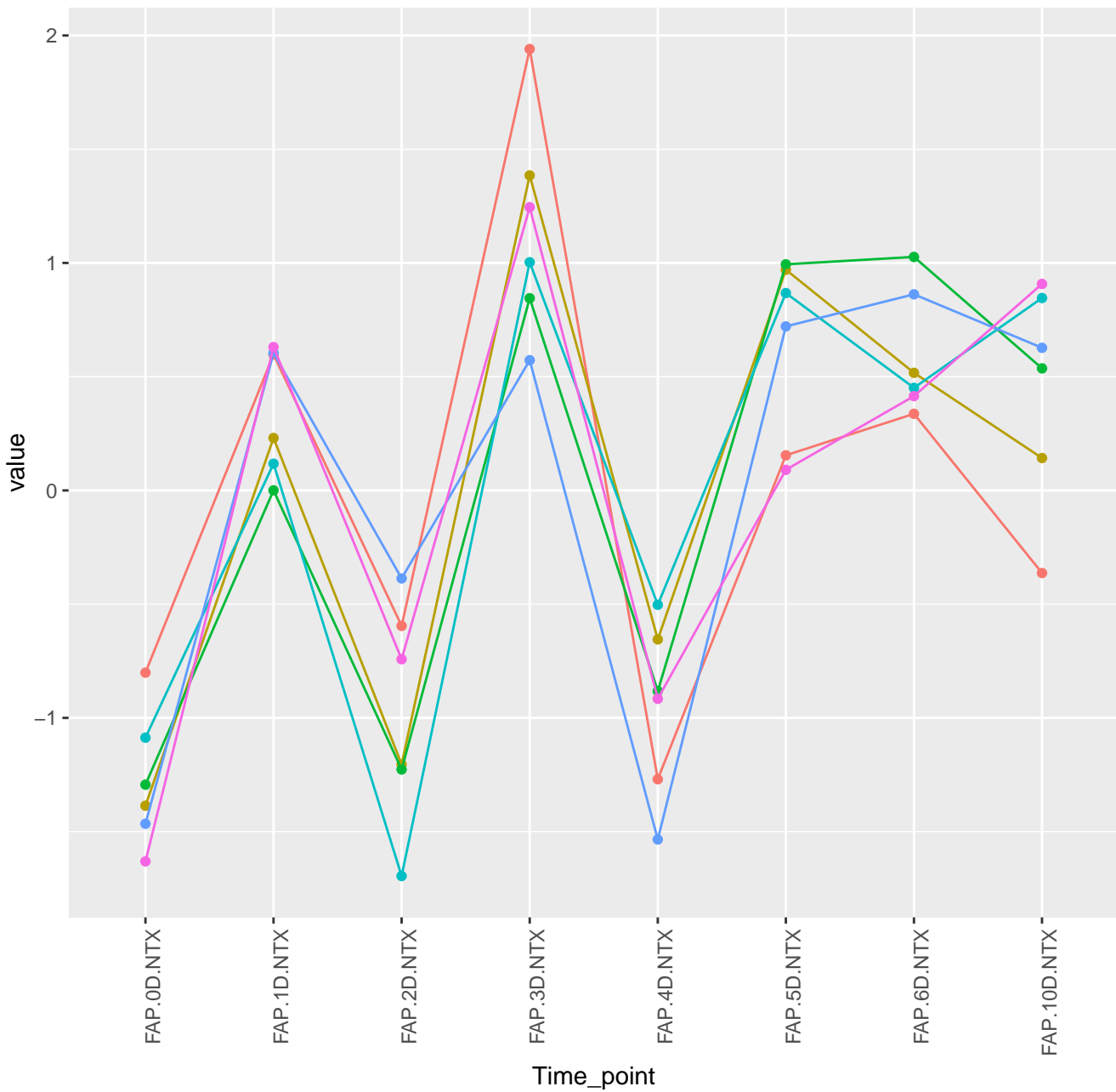
12 genes – cluster 172



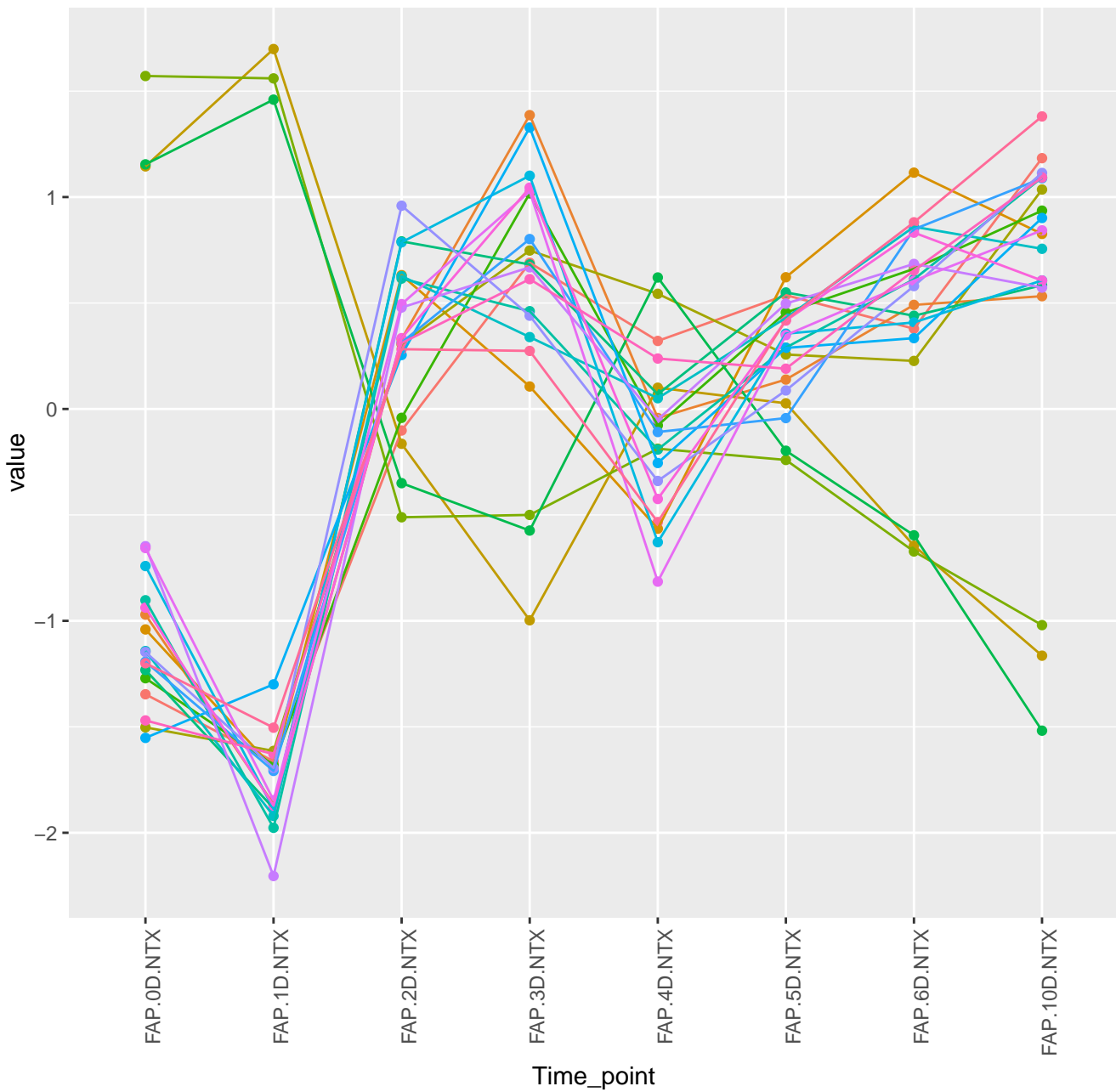
17 genes – cluster 173



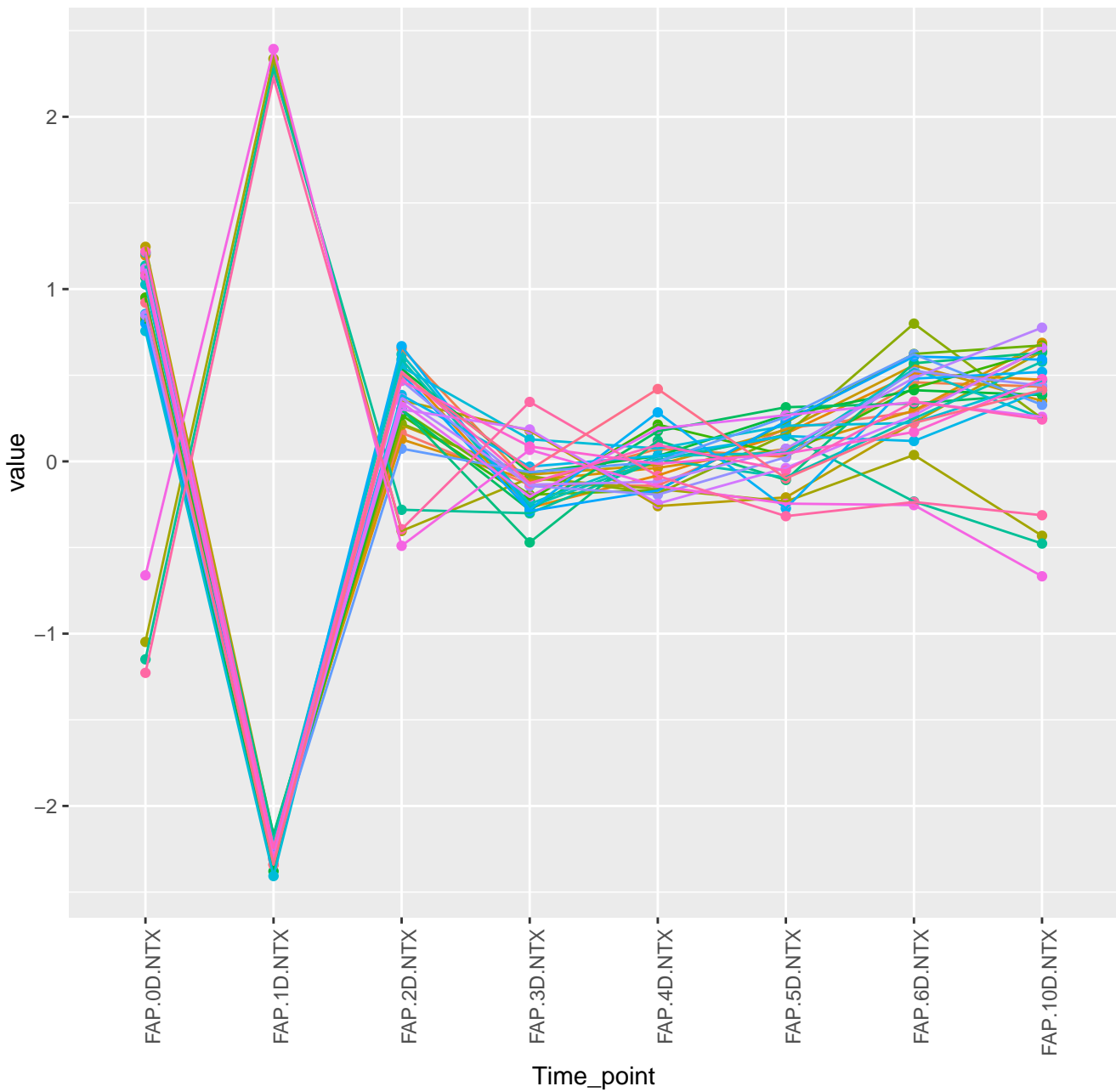
6 genes – cluster 175



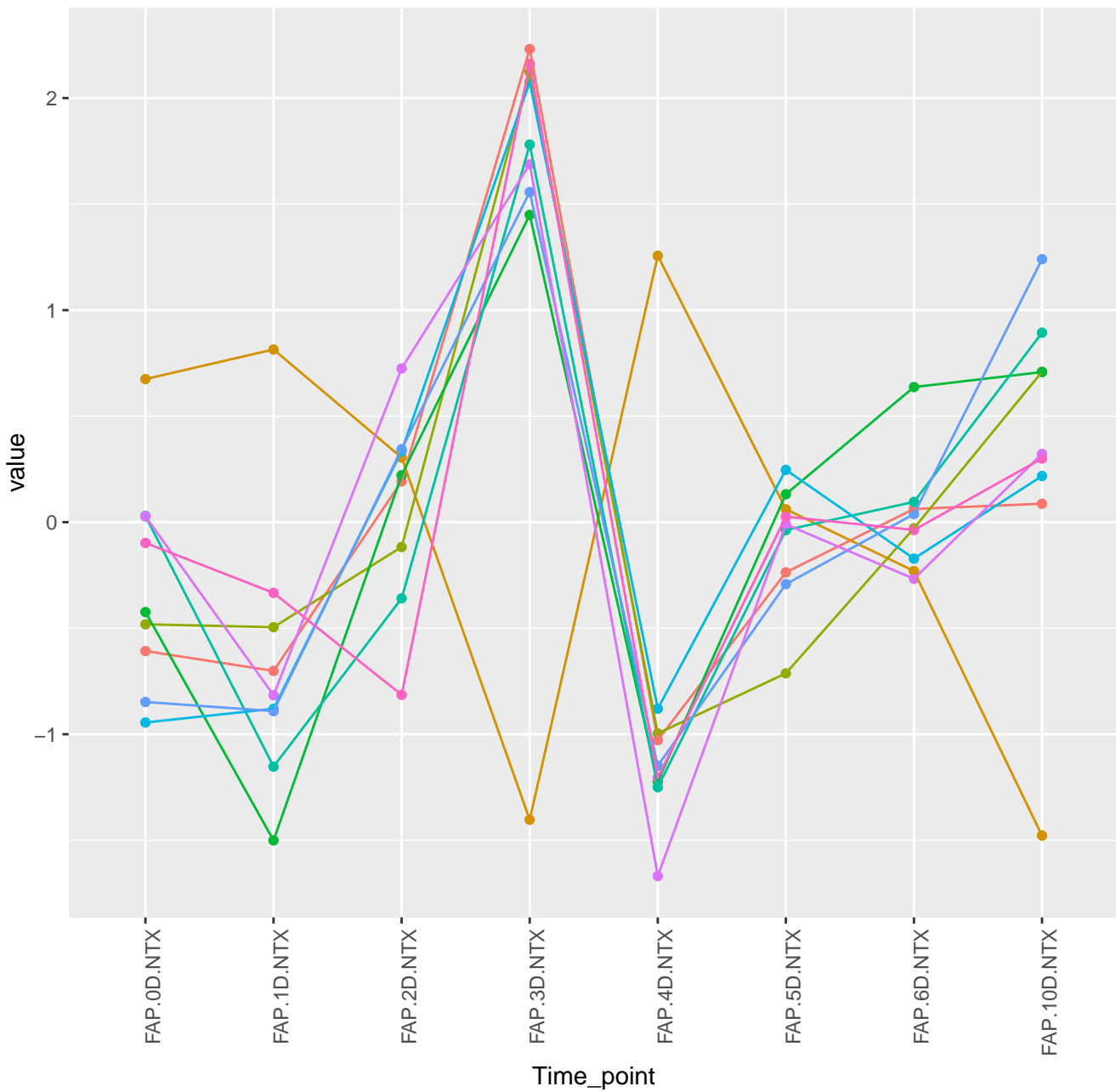
20 genes – cluster 176



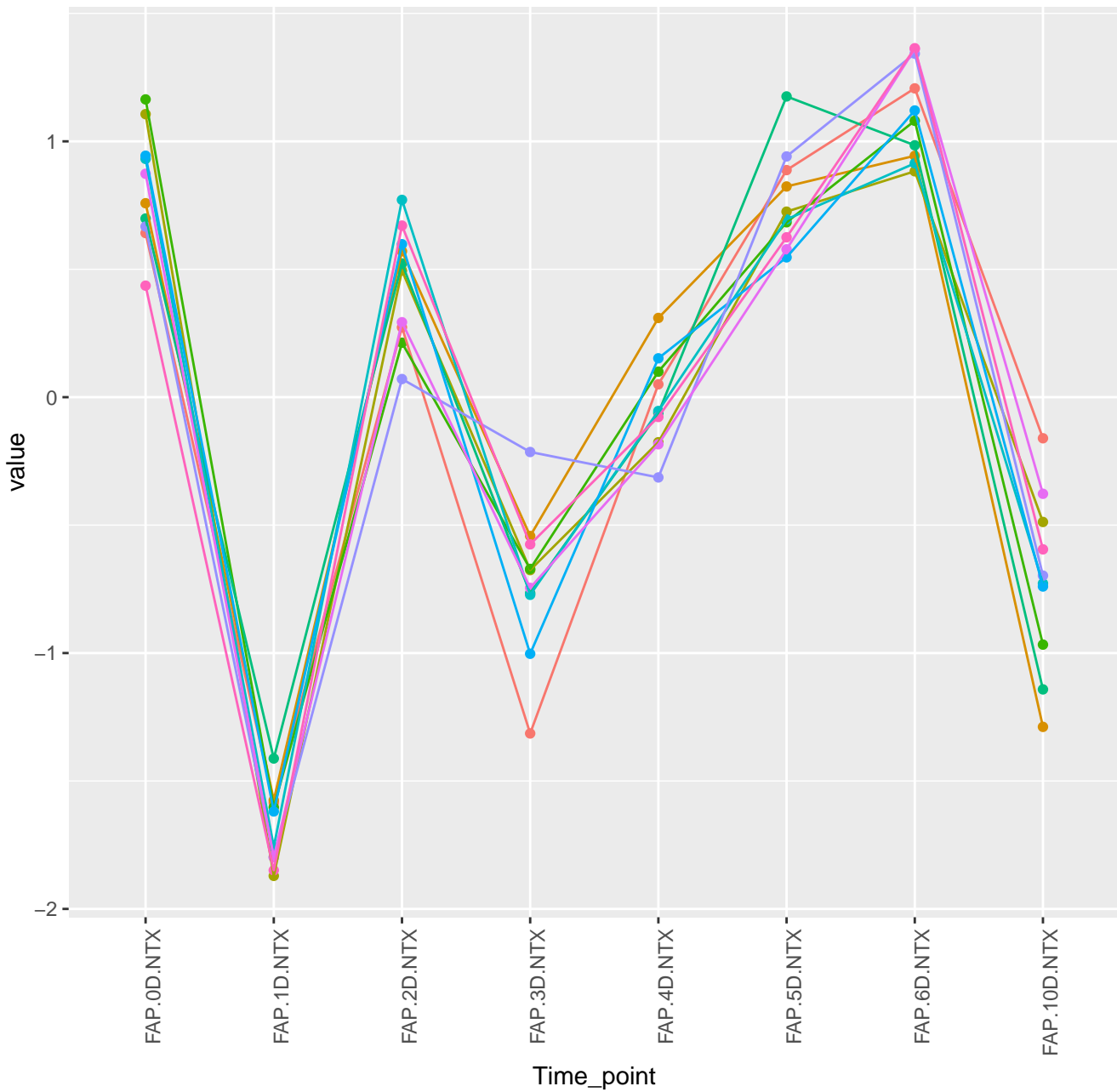
30 genes – cluster 177



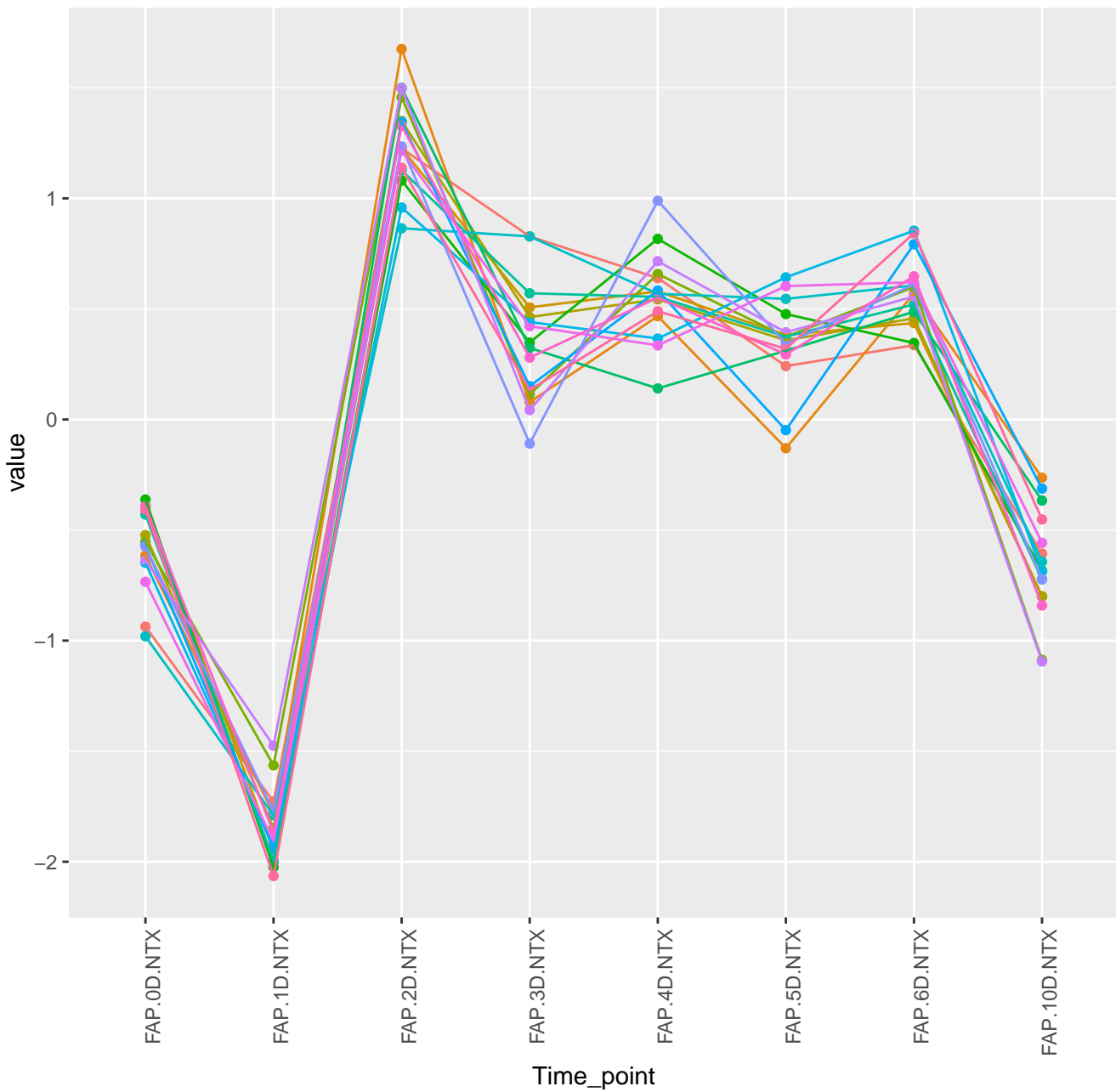
9 genes – cluster 178



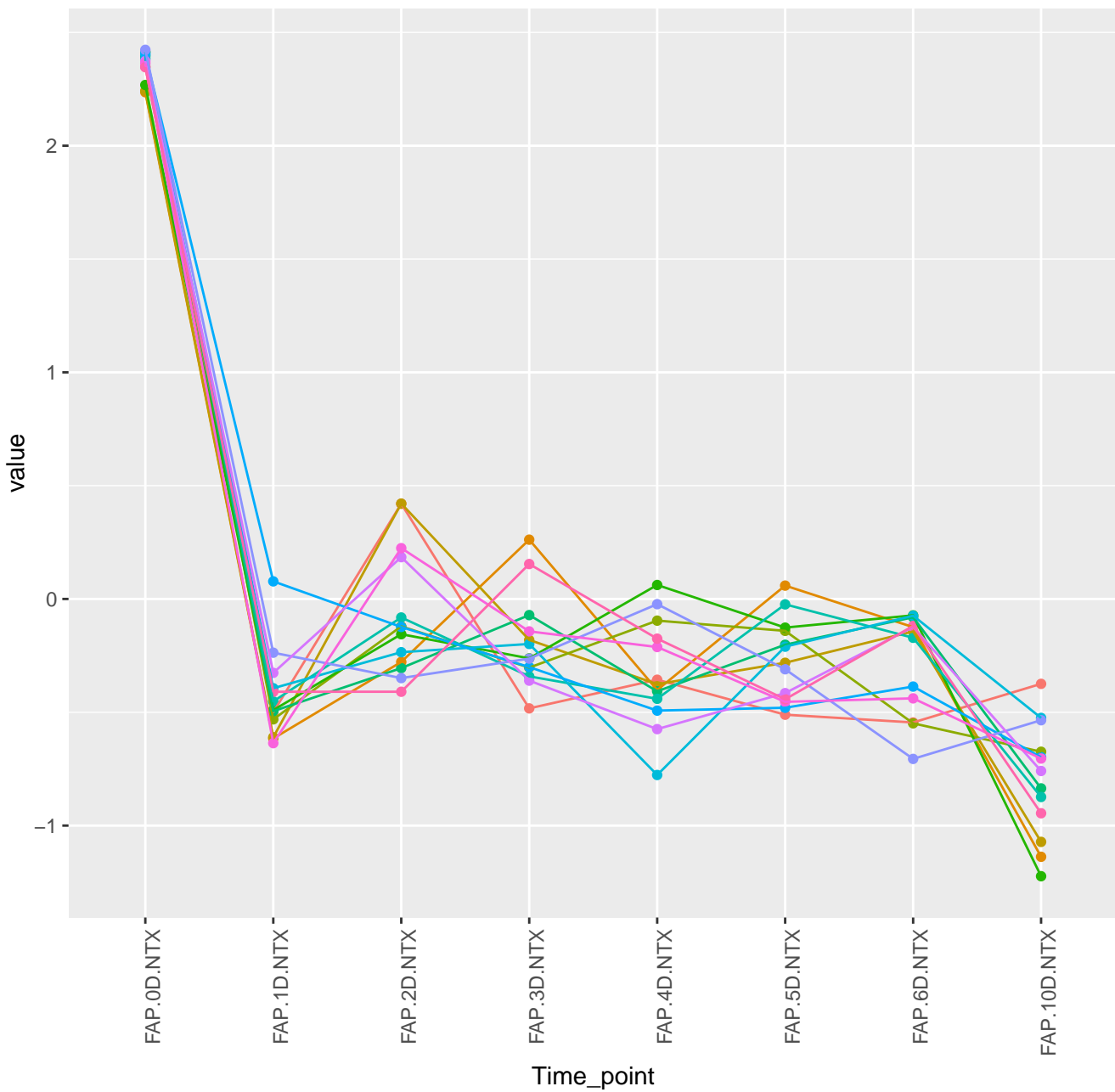
10 genes – cluster 179



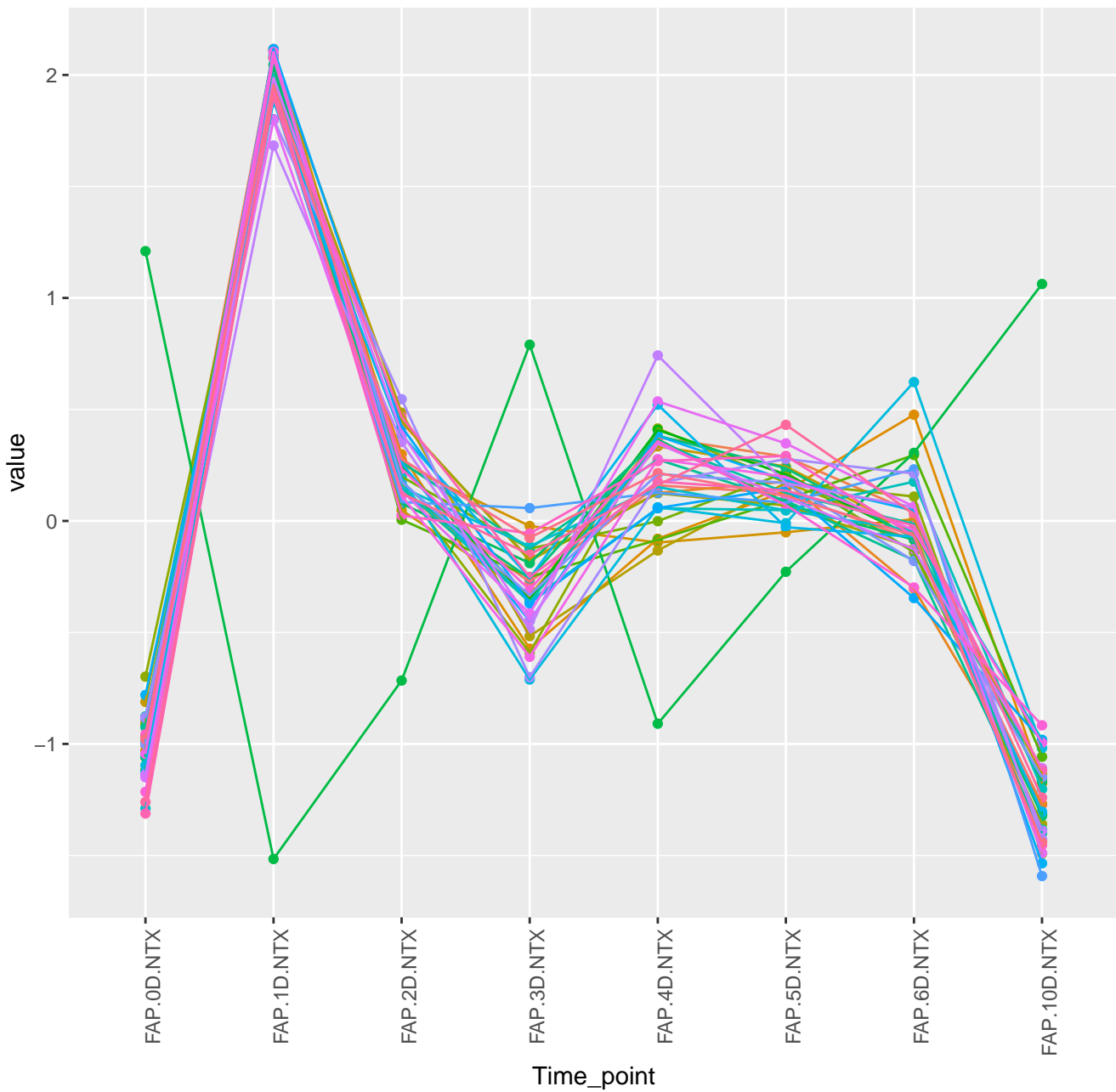
16 genes – cluster 180



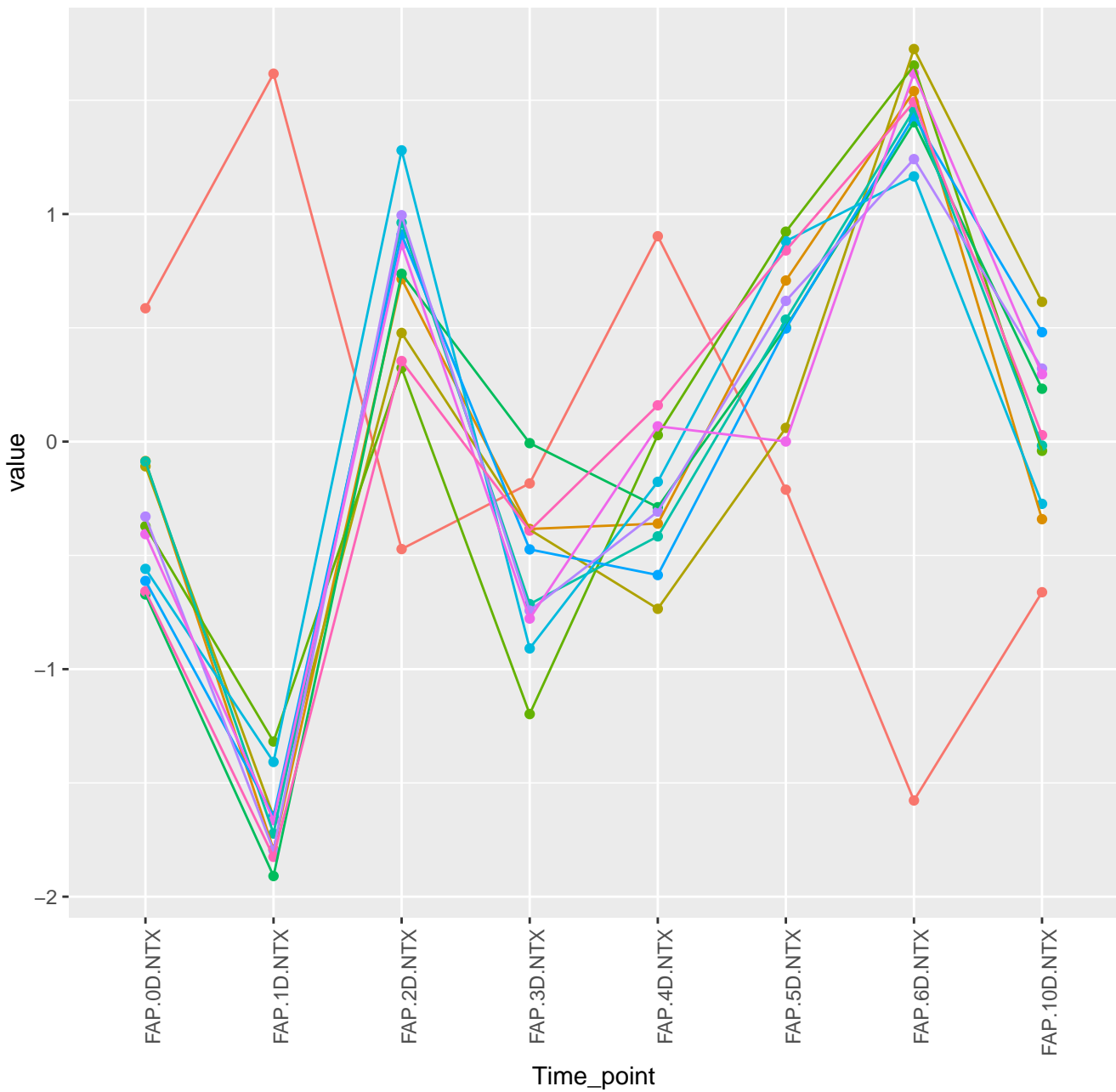
13 genes – cluster 181



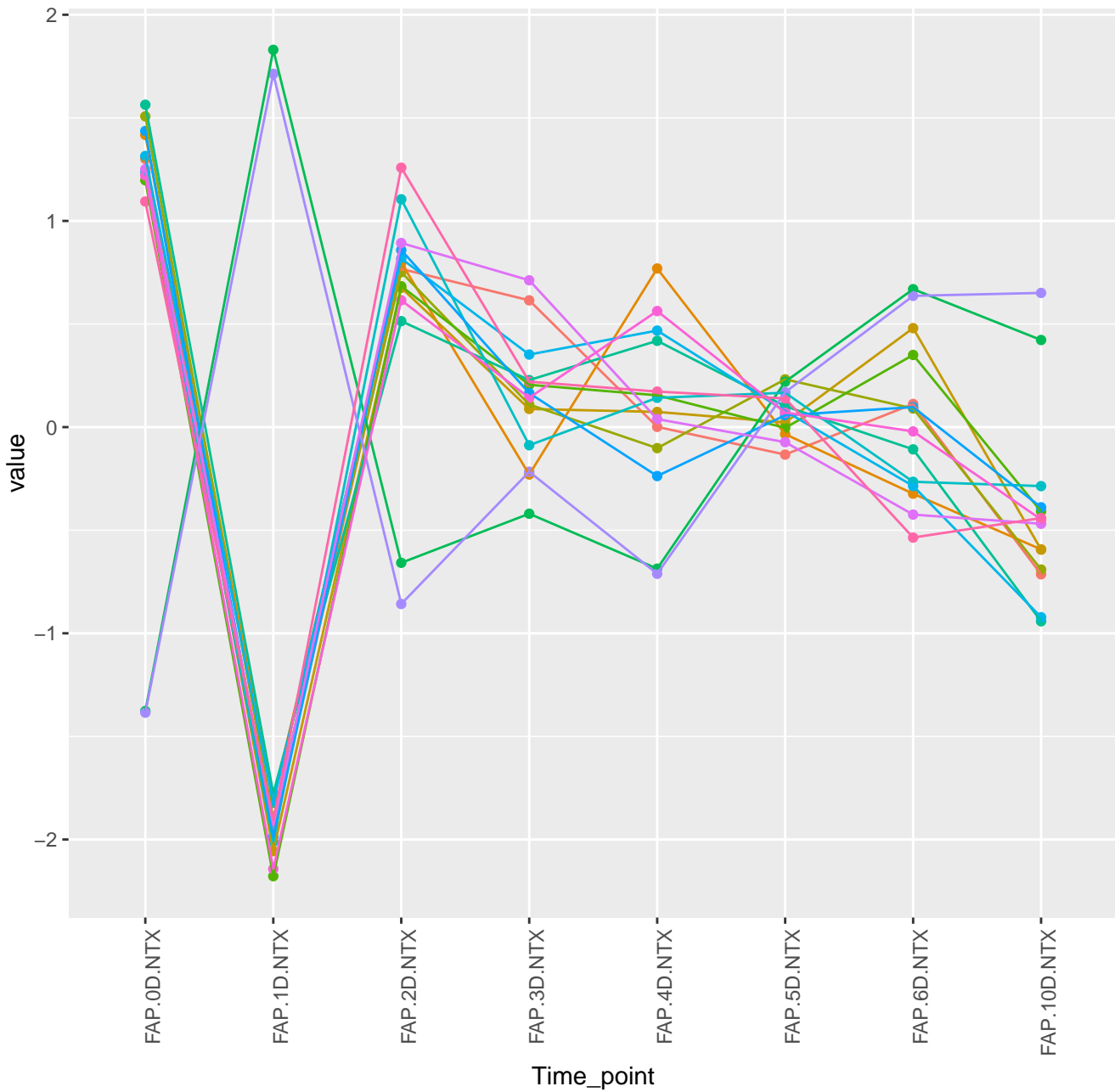
35 genes – cluster 182



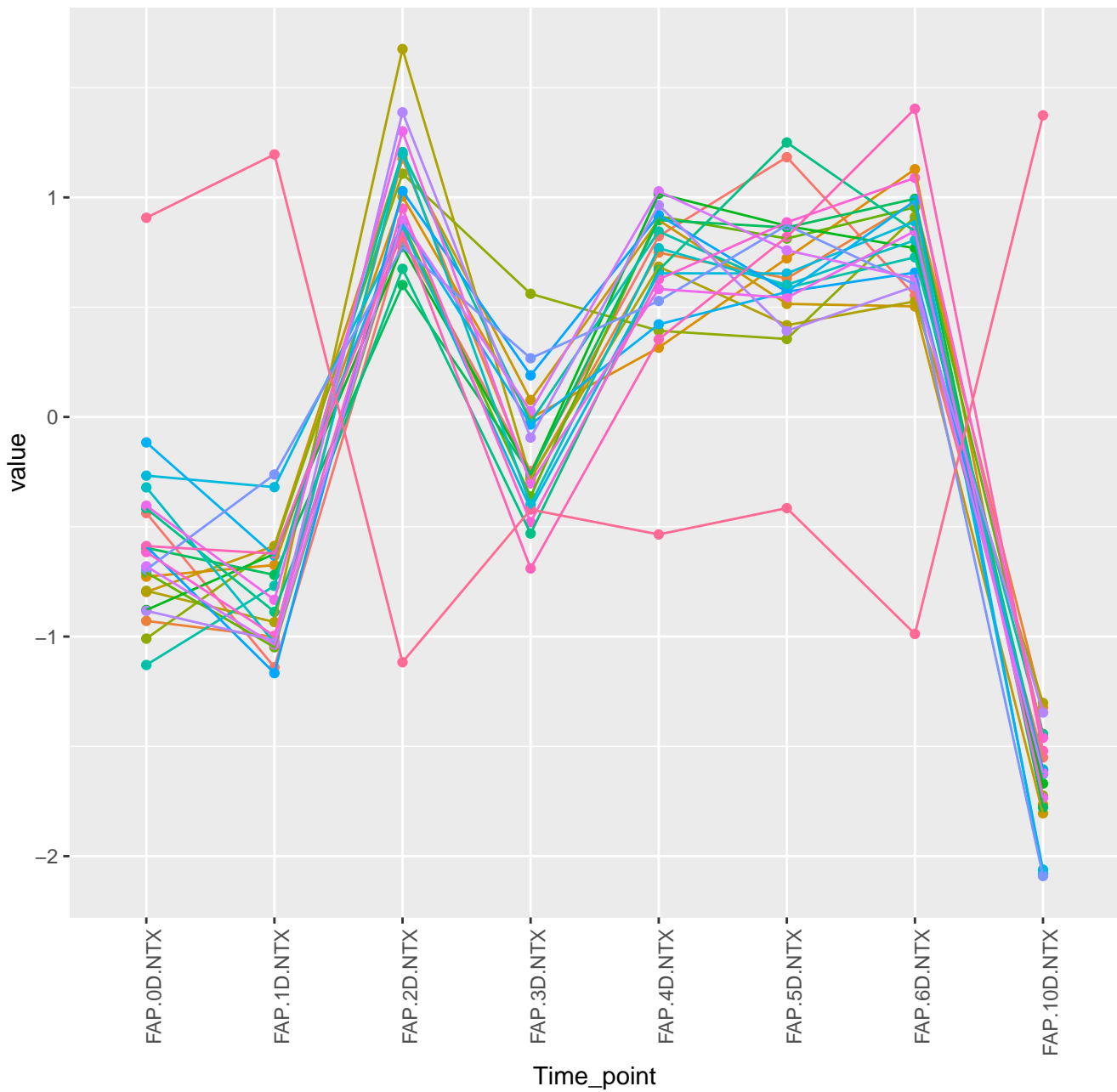
11 genes – cluster 183



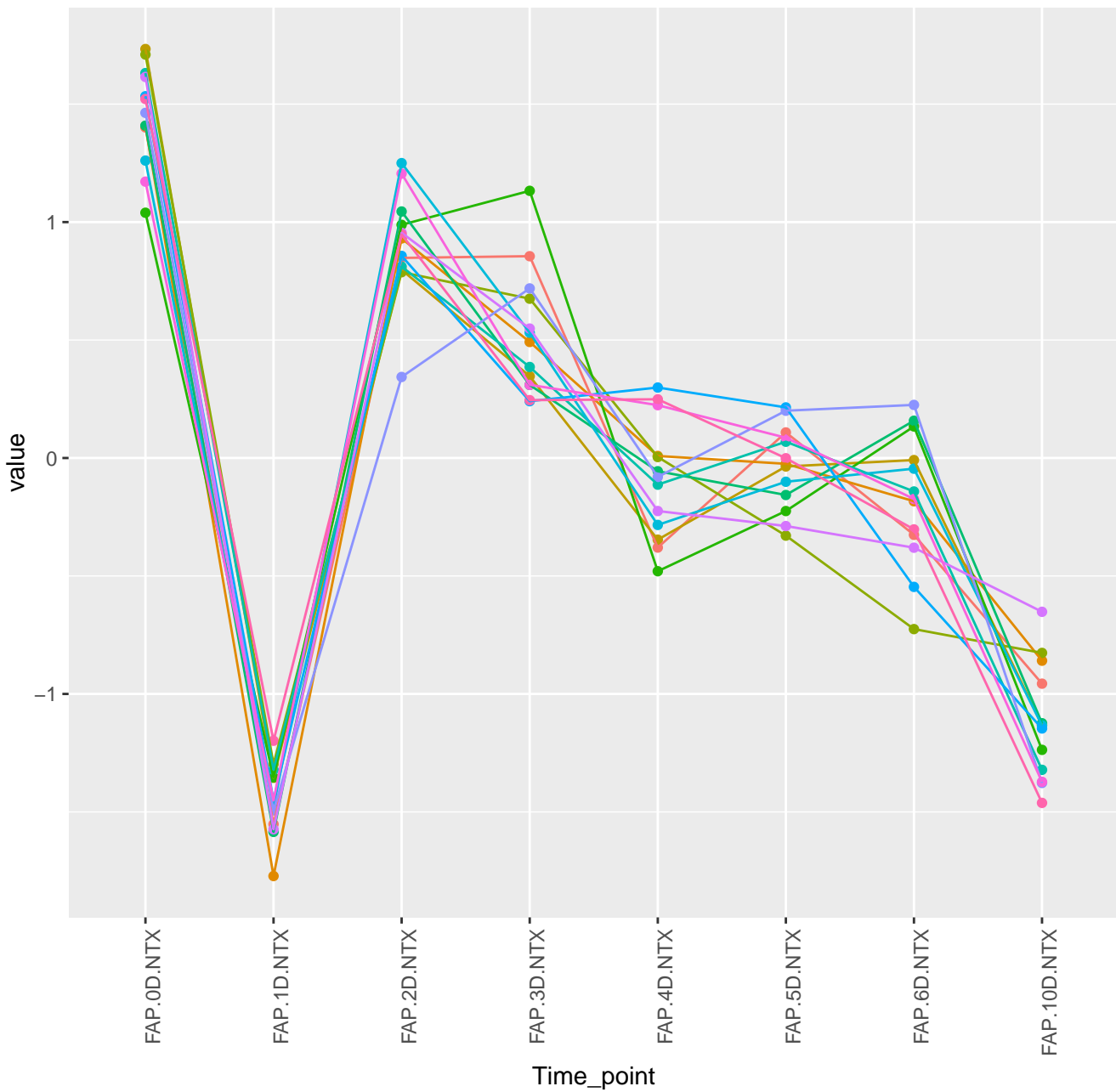
14 genes – cluster 184



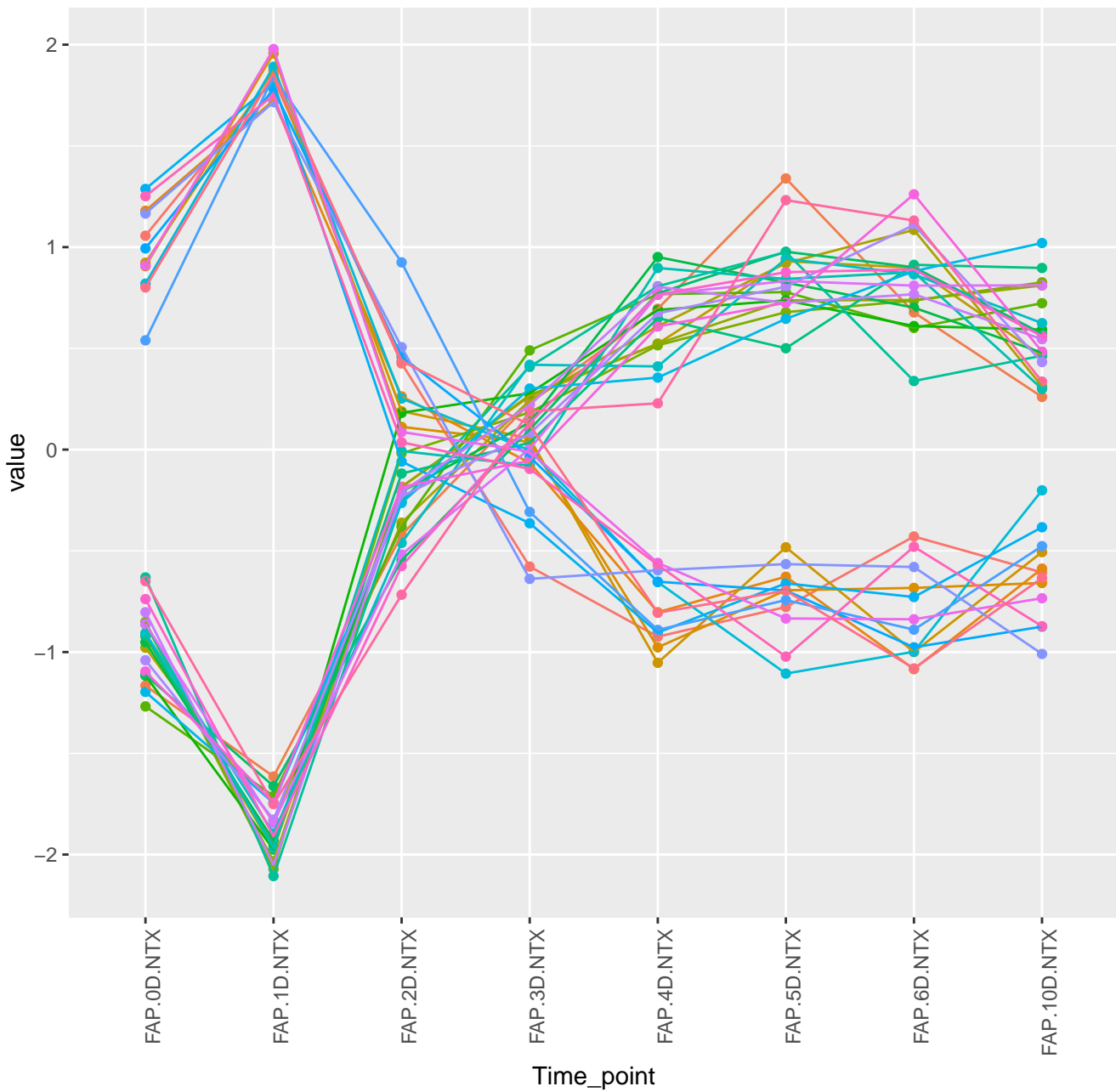
22 genes – cluster 185



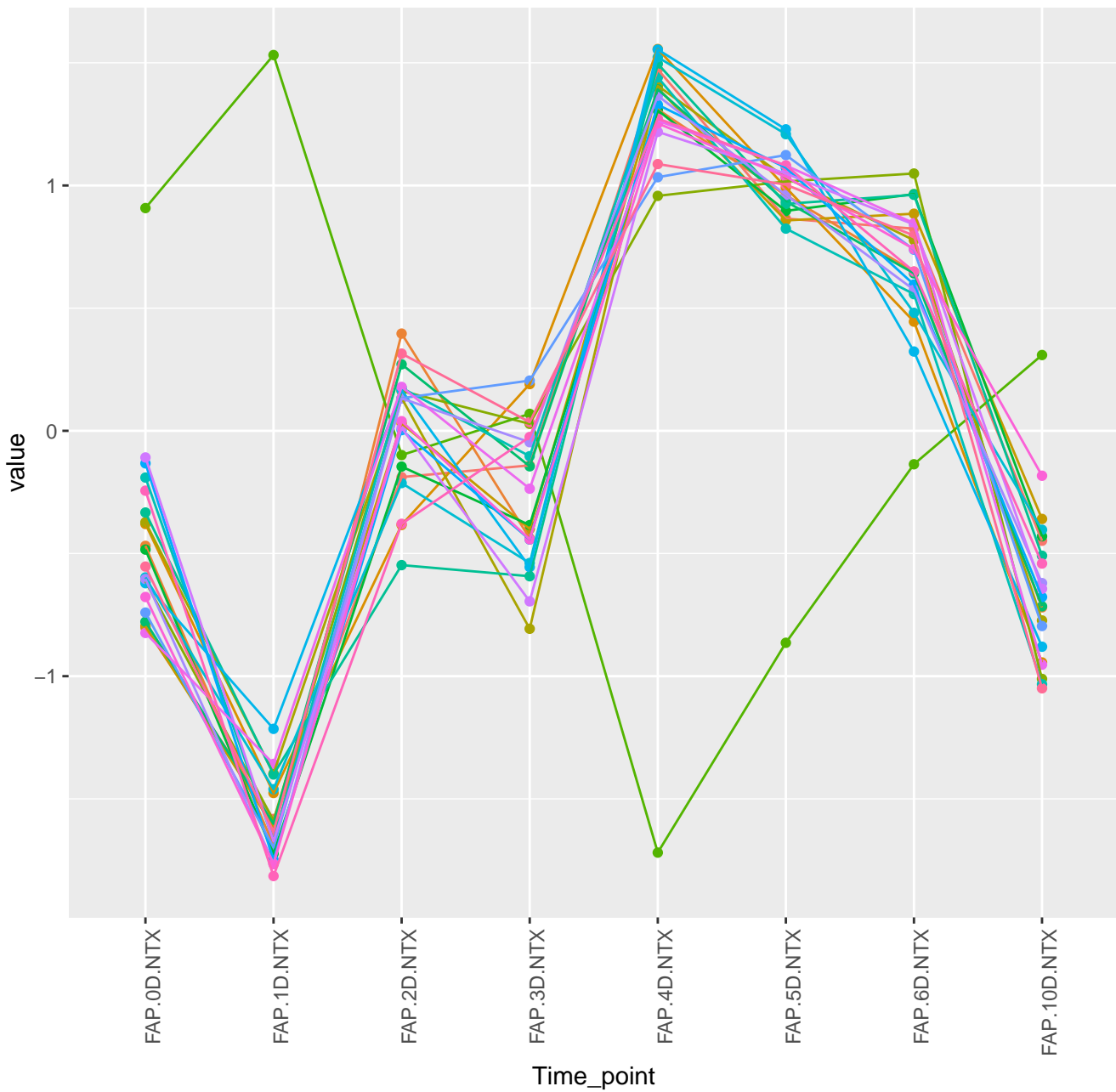
13 genes – cluster 186



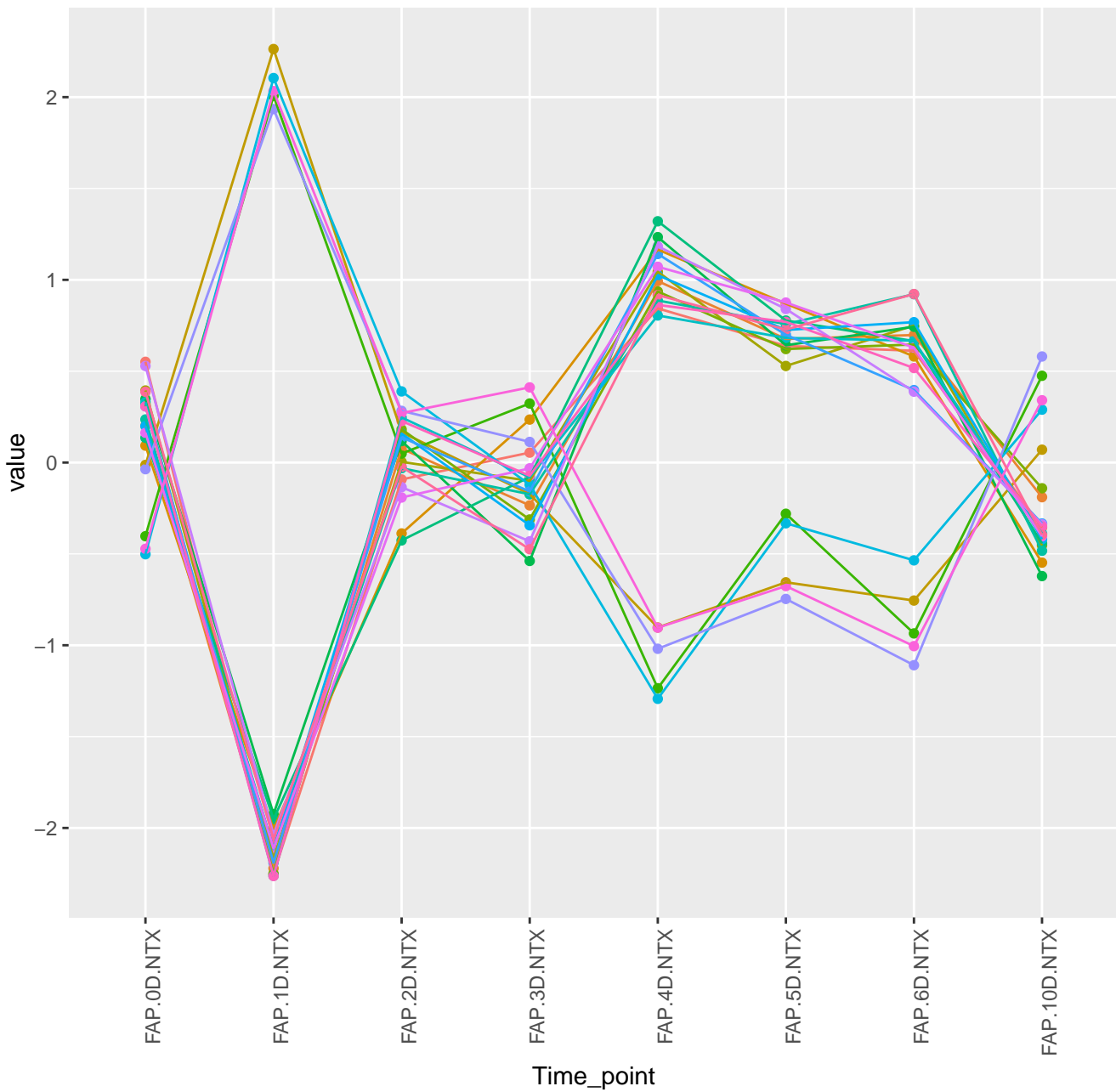
32 genes – cluster 187



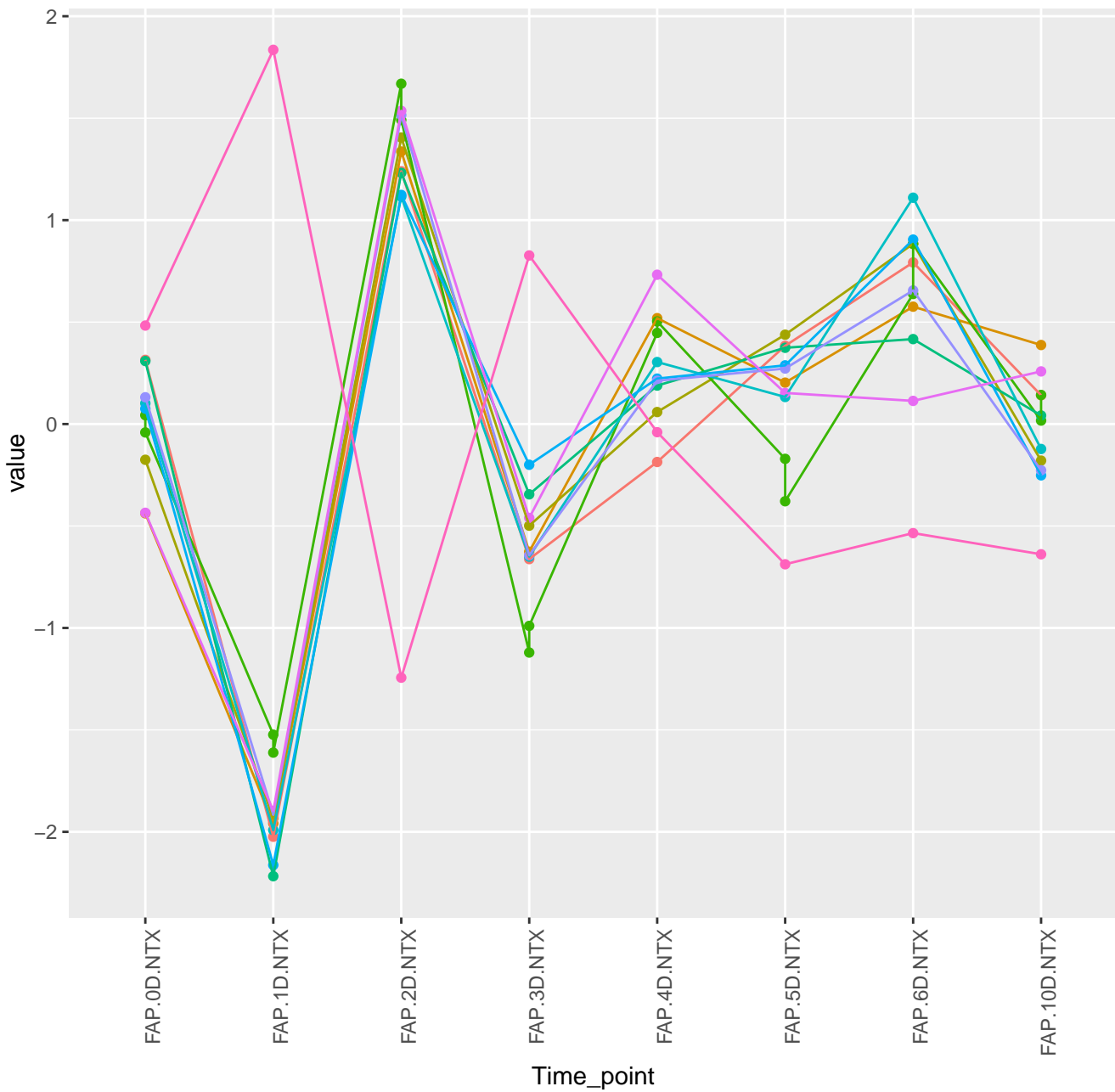
21 genes – cluster 188



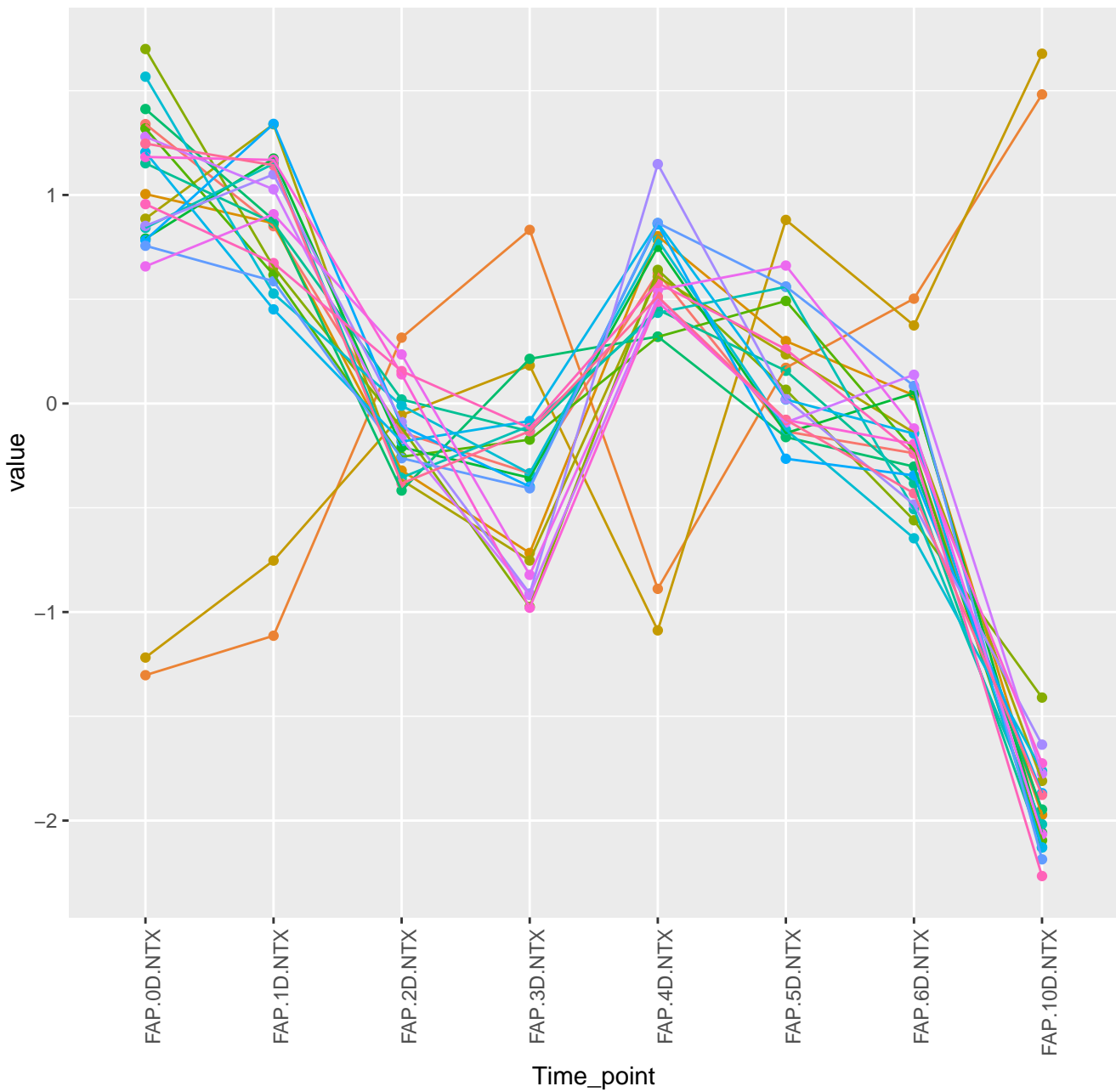
20 genes – cluster 189



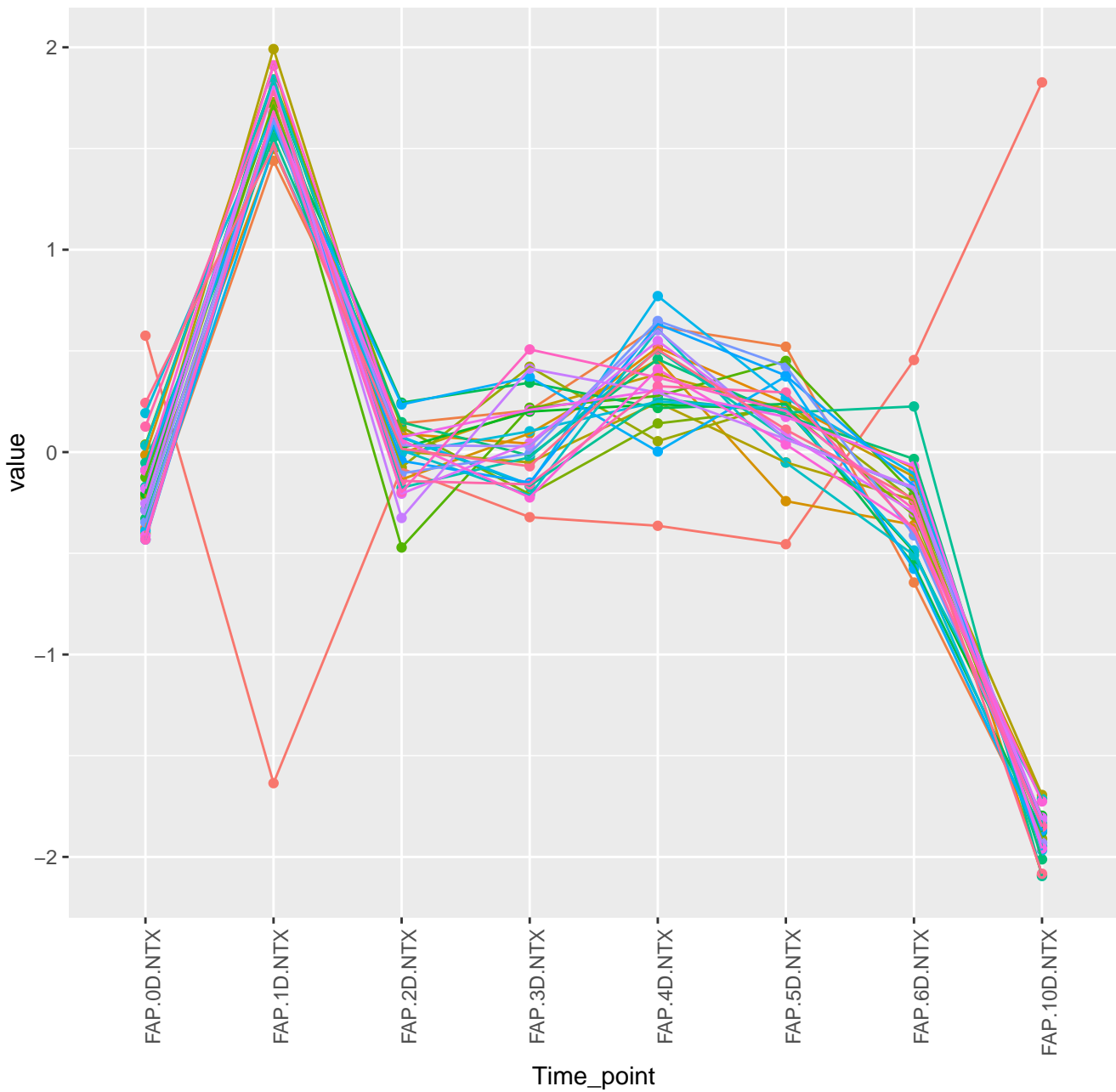
11 genes – cluster 190



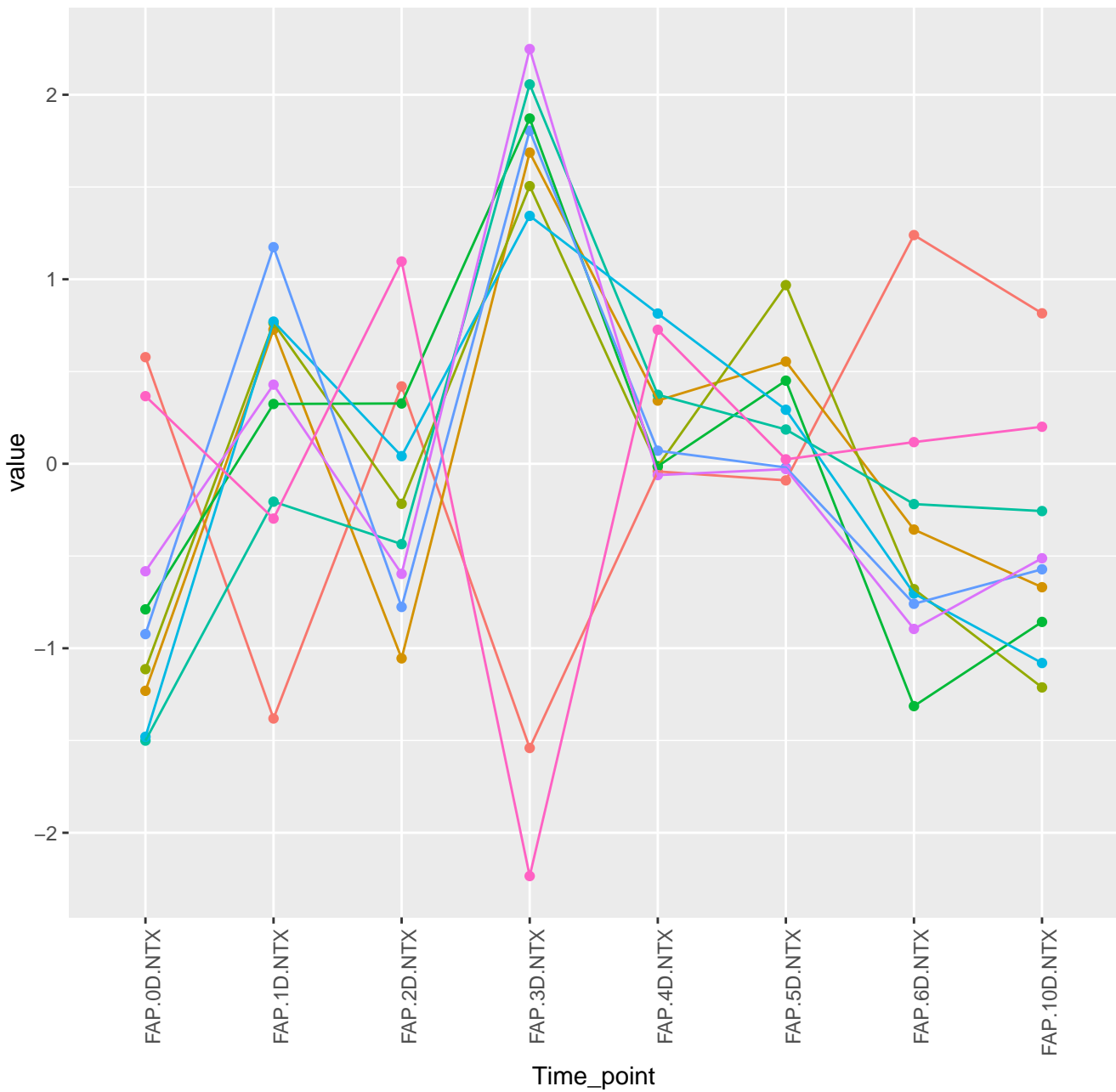
21 genes – cluster 191



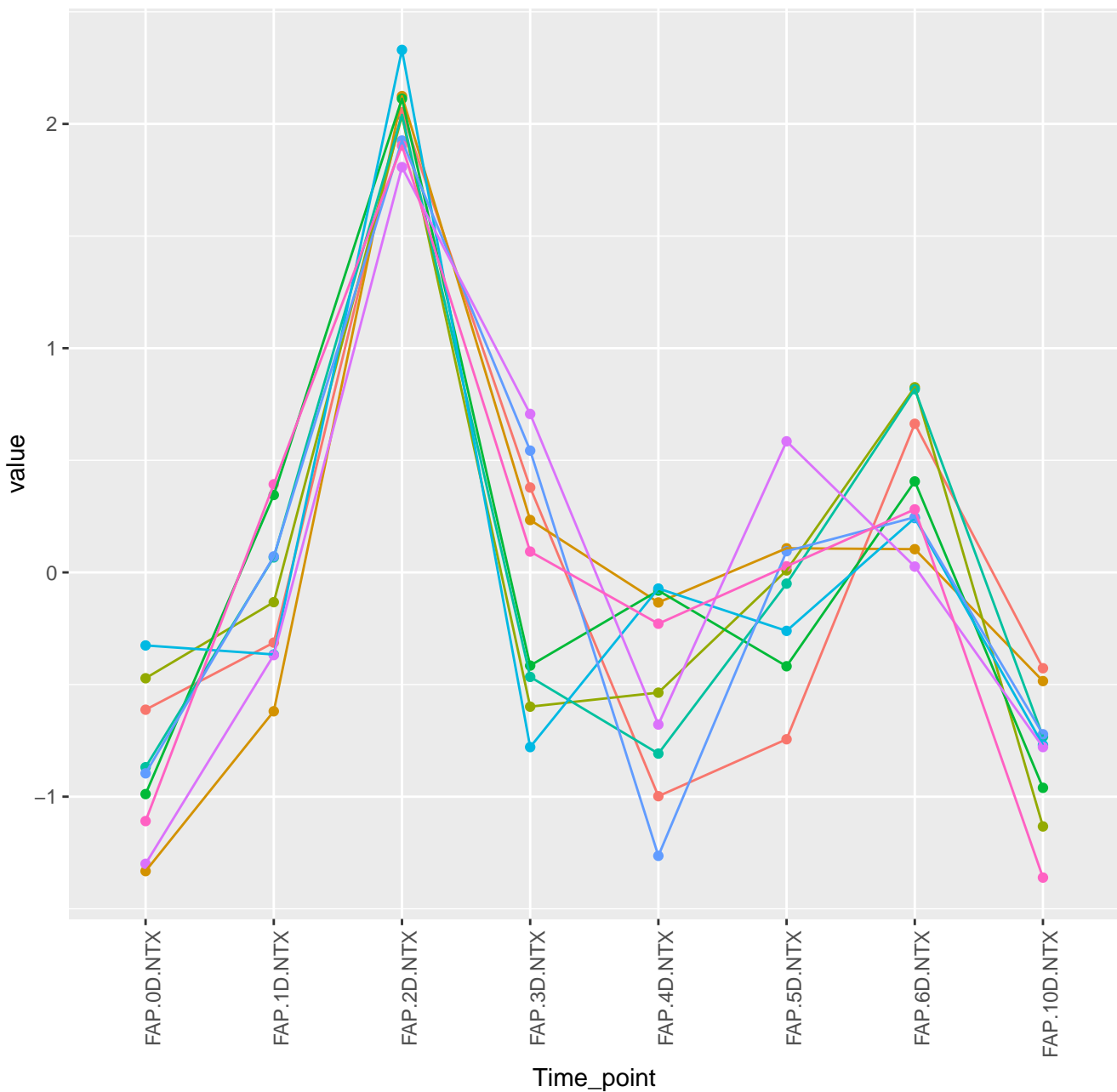
28 genes – cluster 192



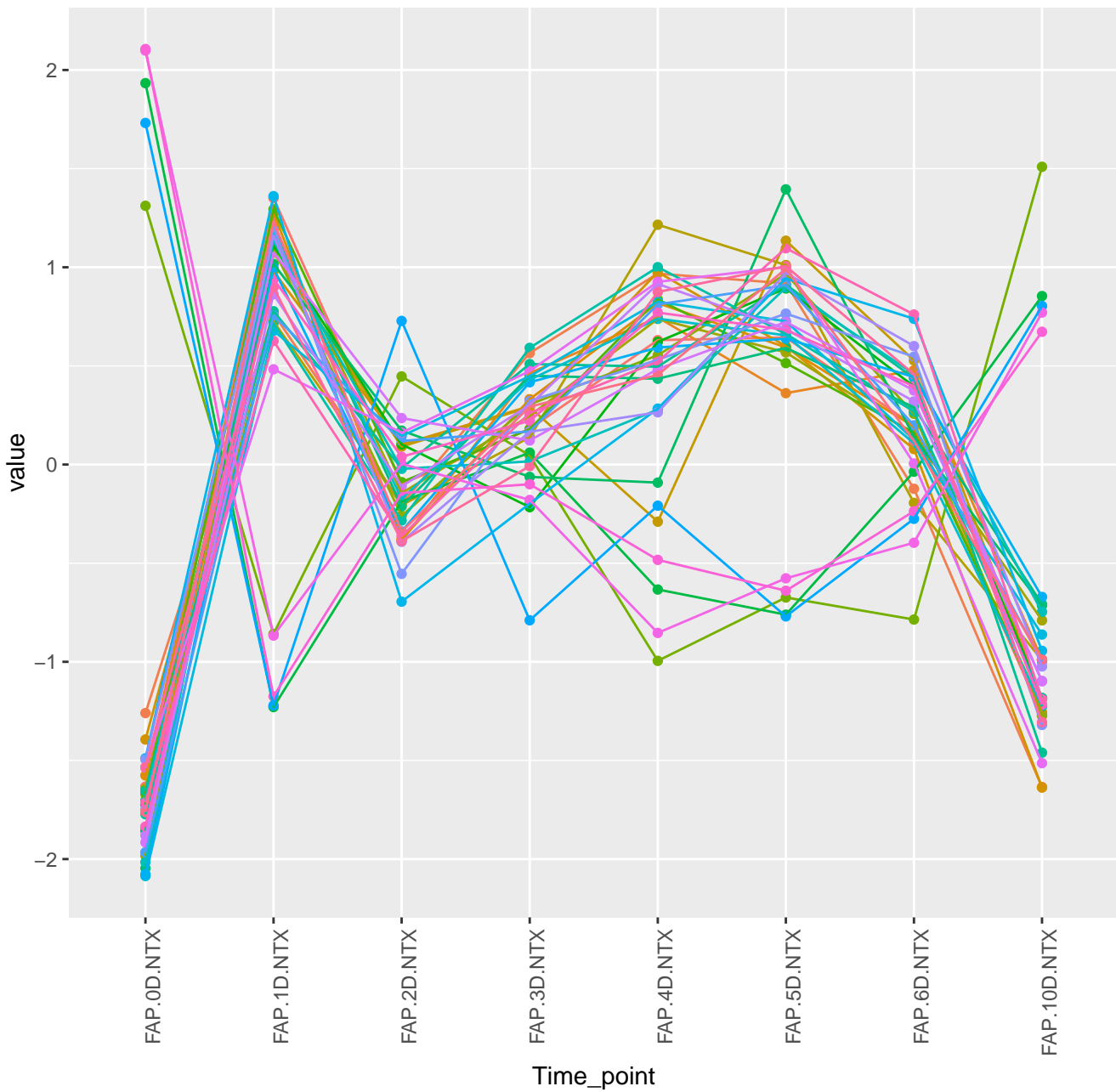
9 genes – cluster 194



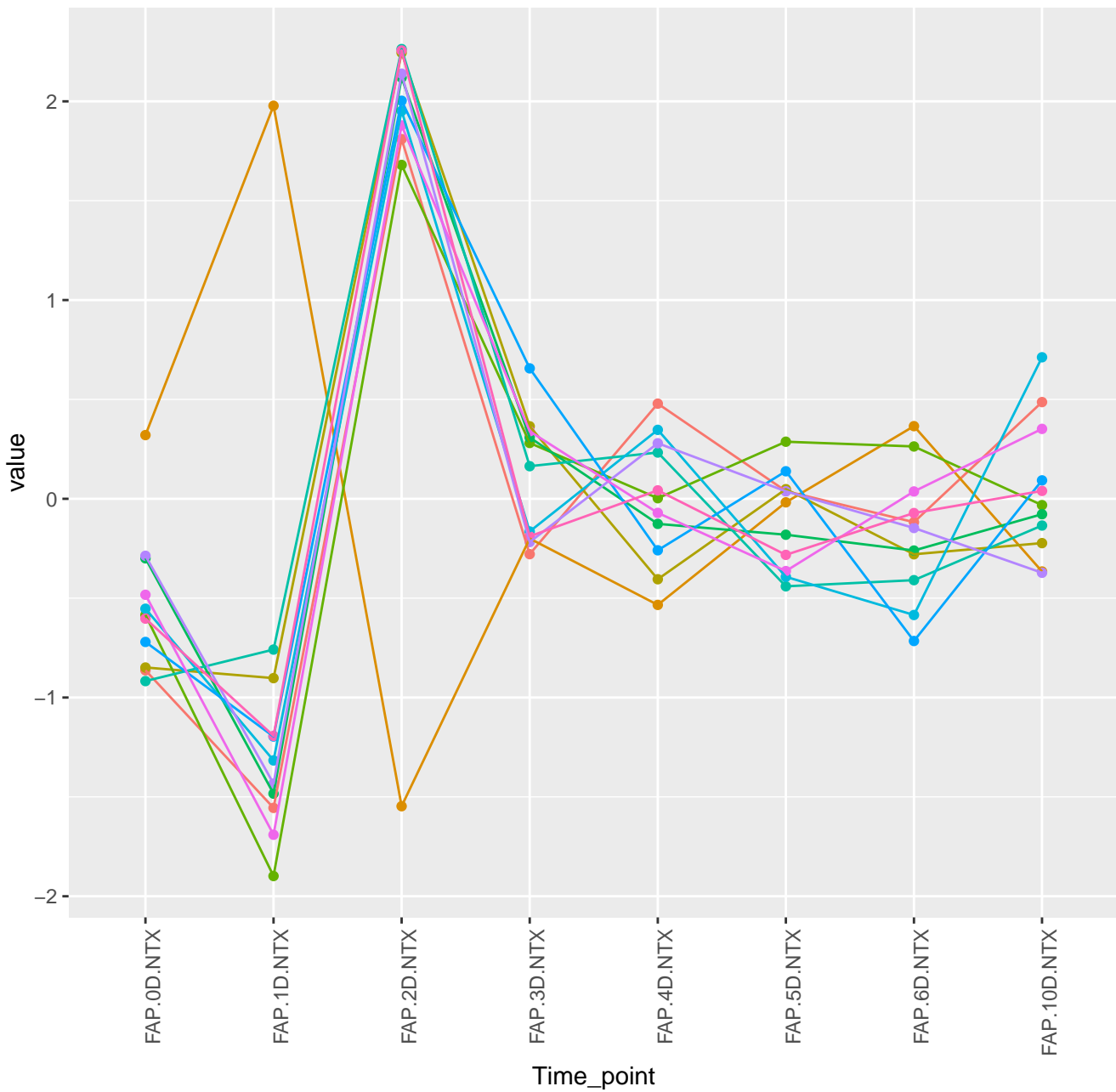
9 genes – cluster 195



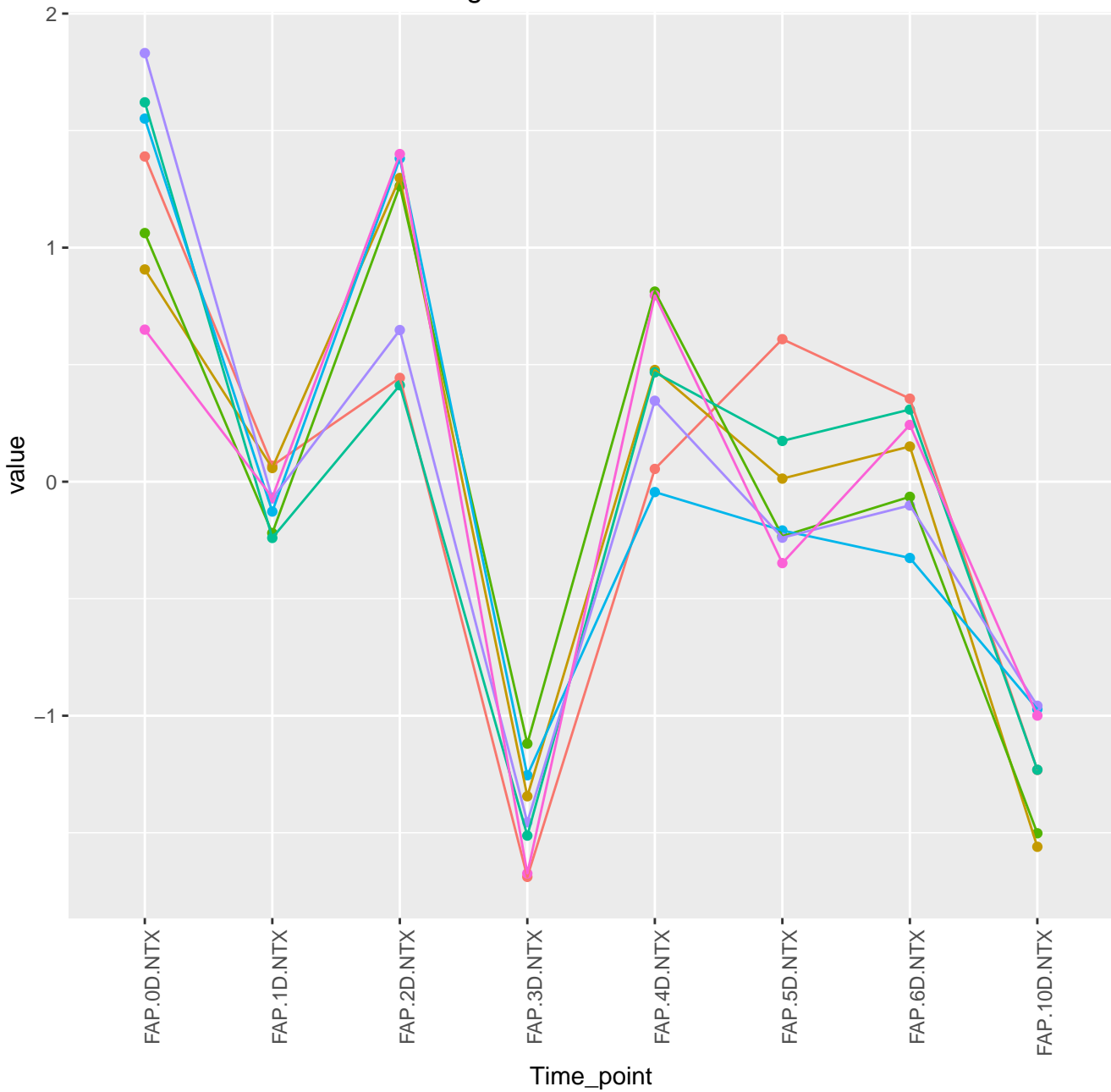
35 genes – cluster 196



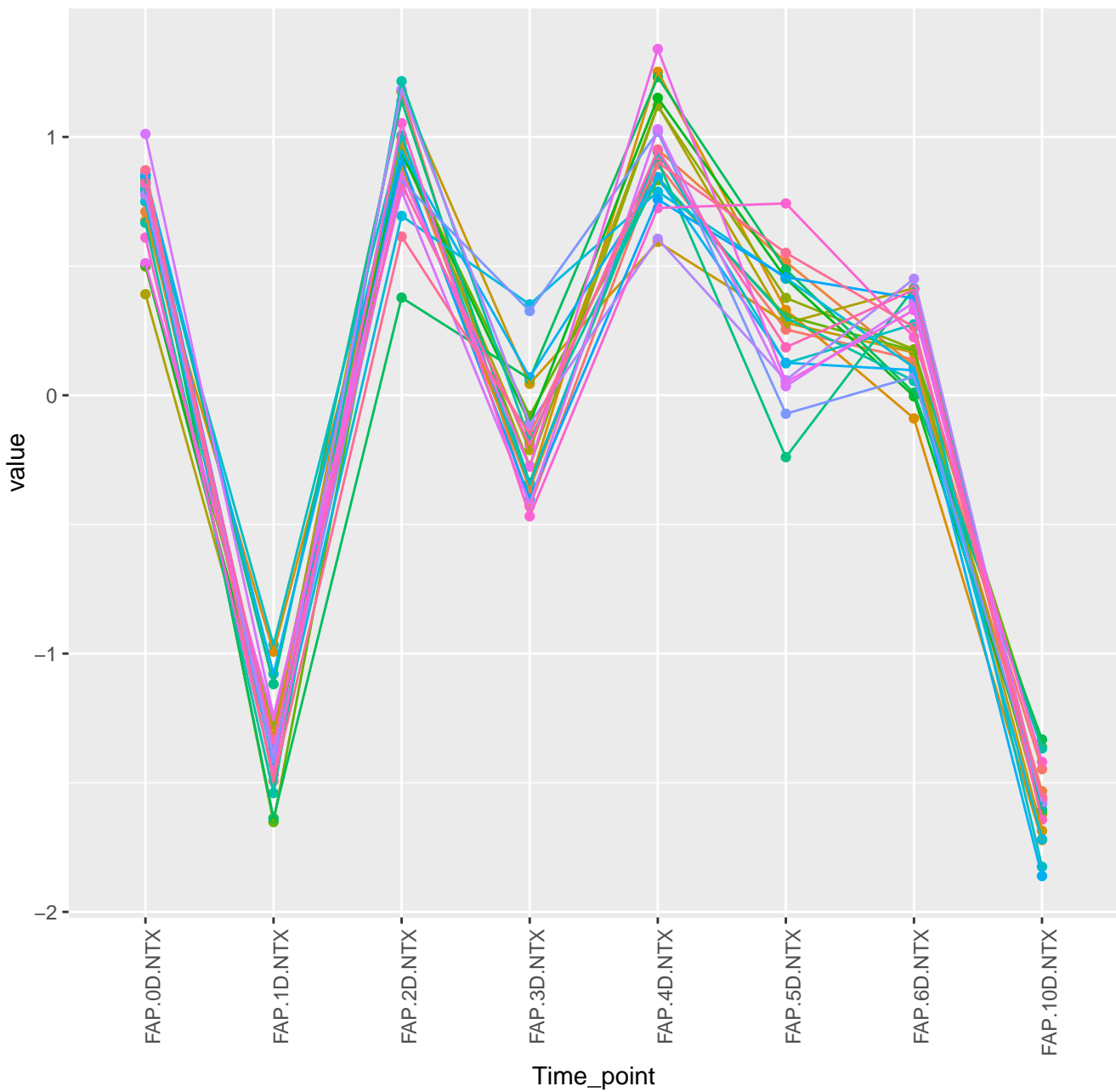
11 genes – cluster 197



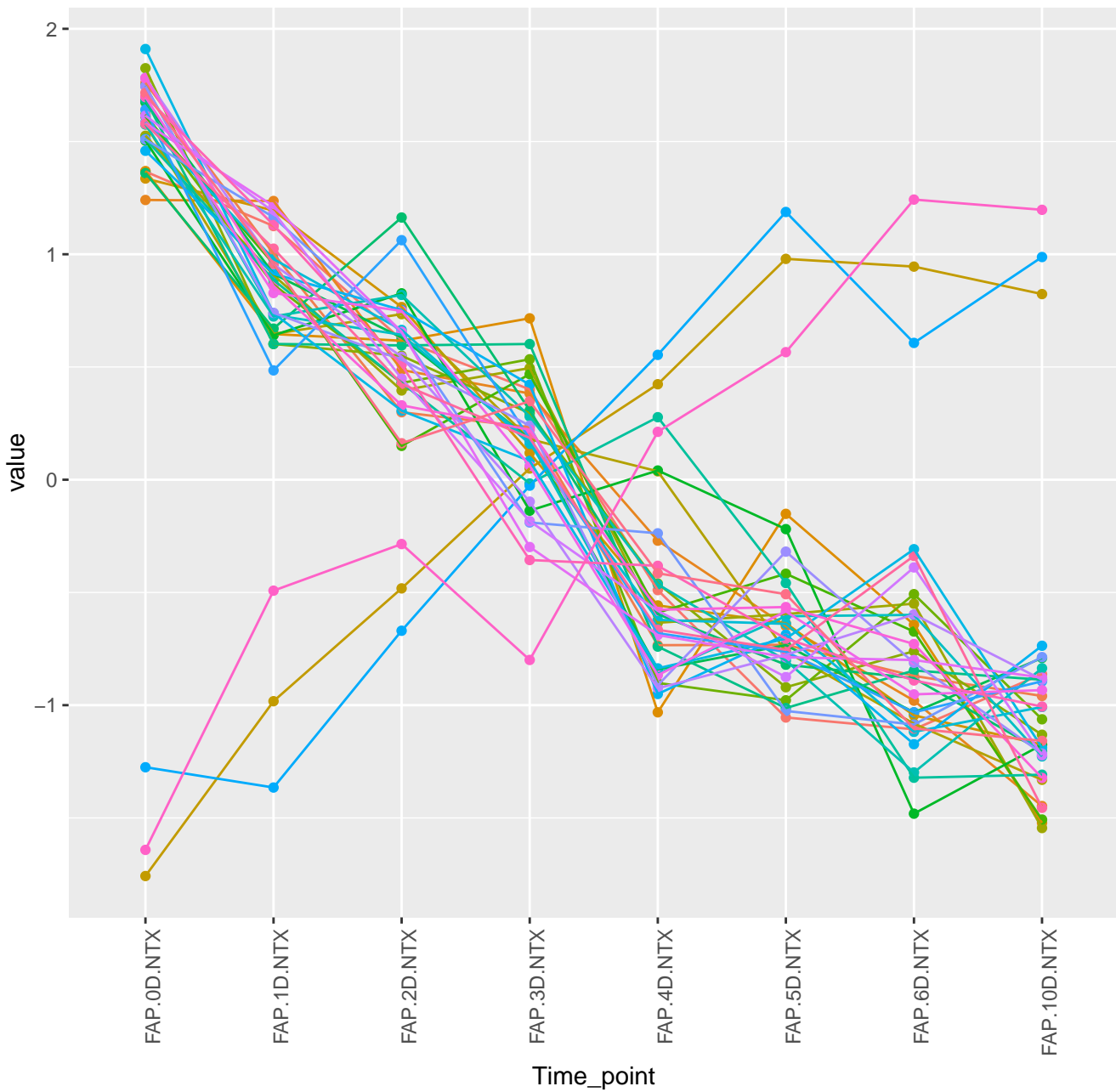
7 genes – cluster 198



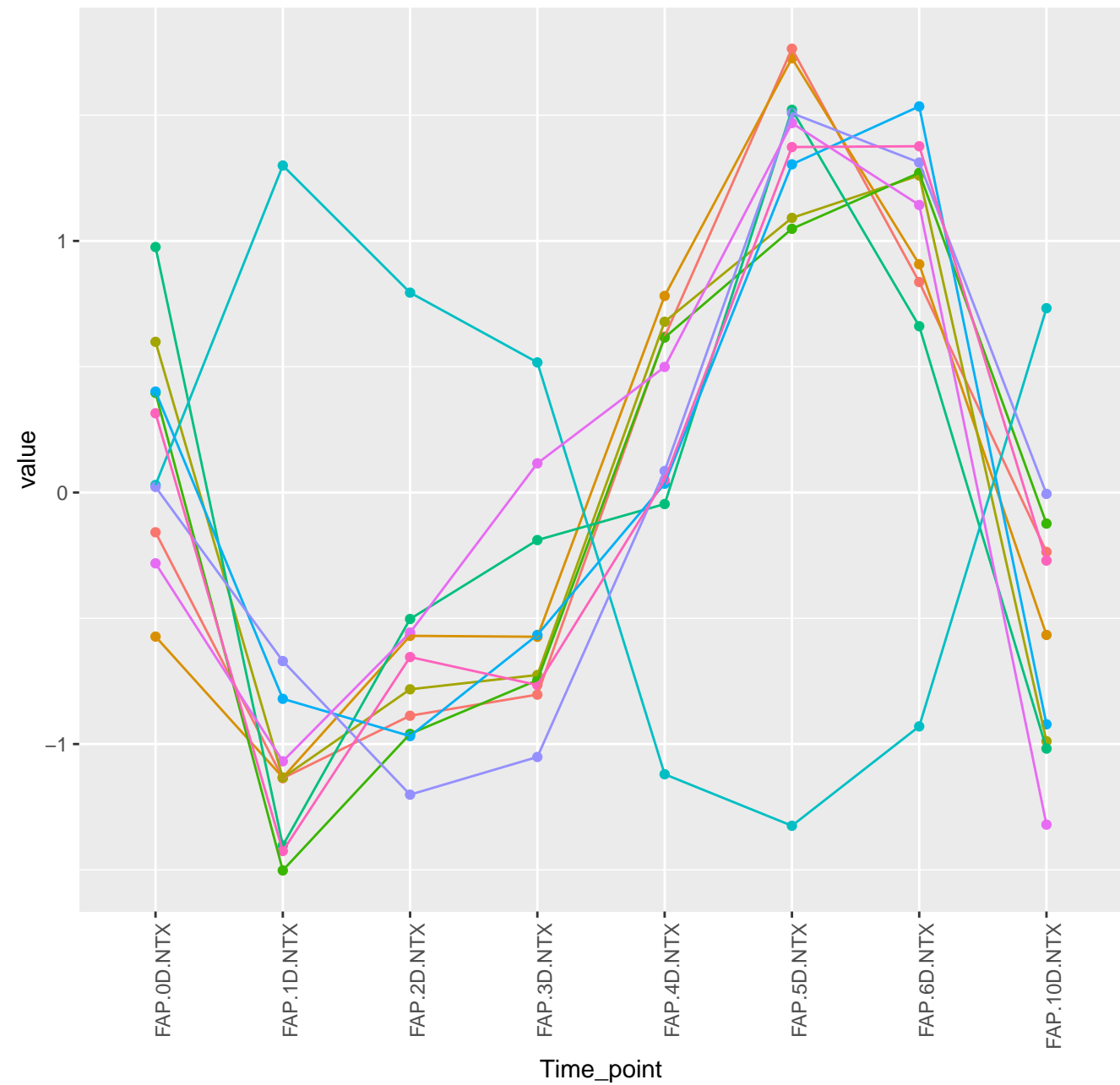
22 genes – cluster 199



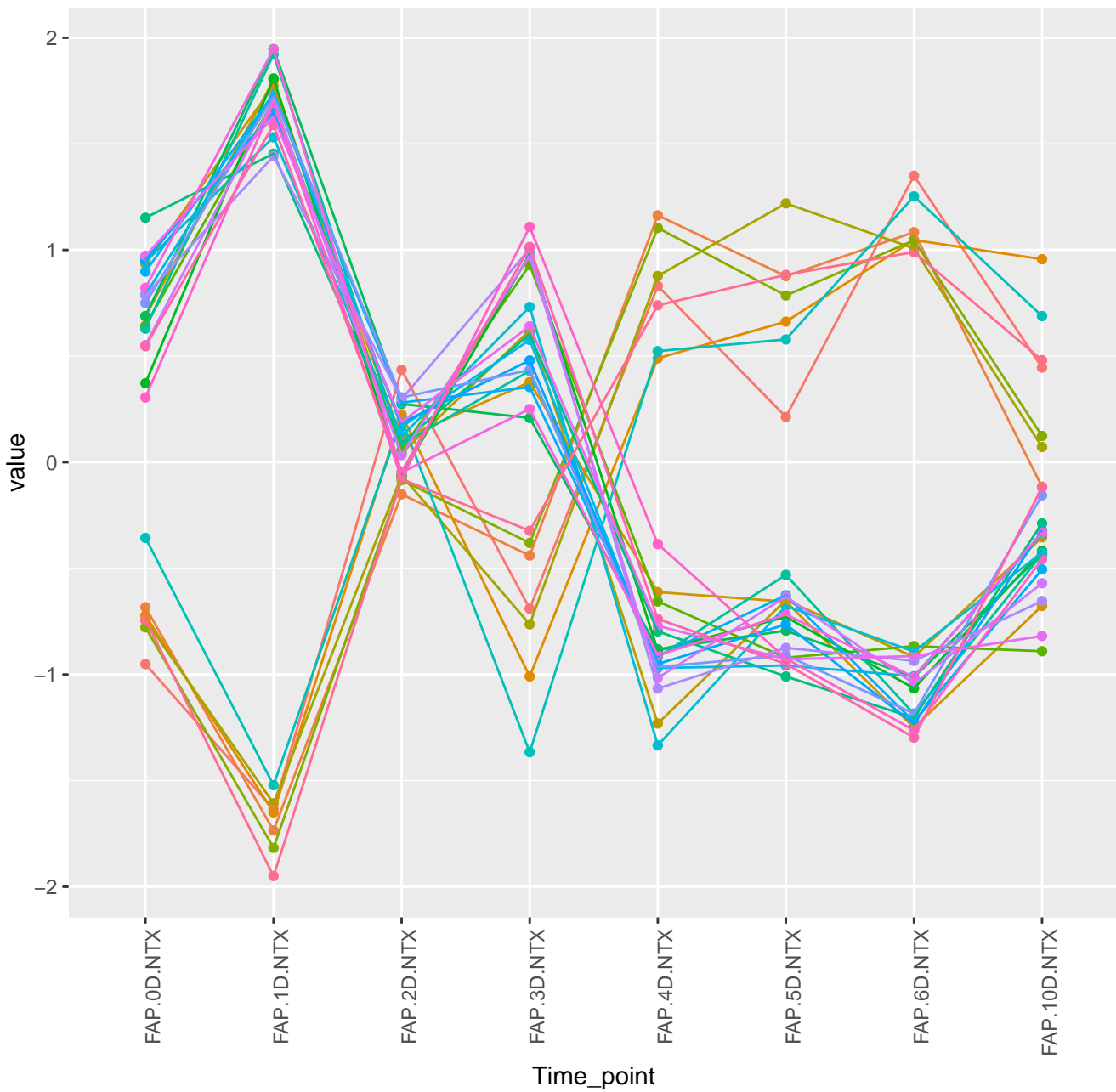
34 genes – cluster 200



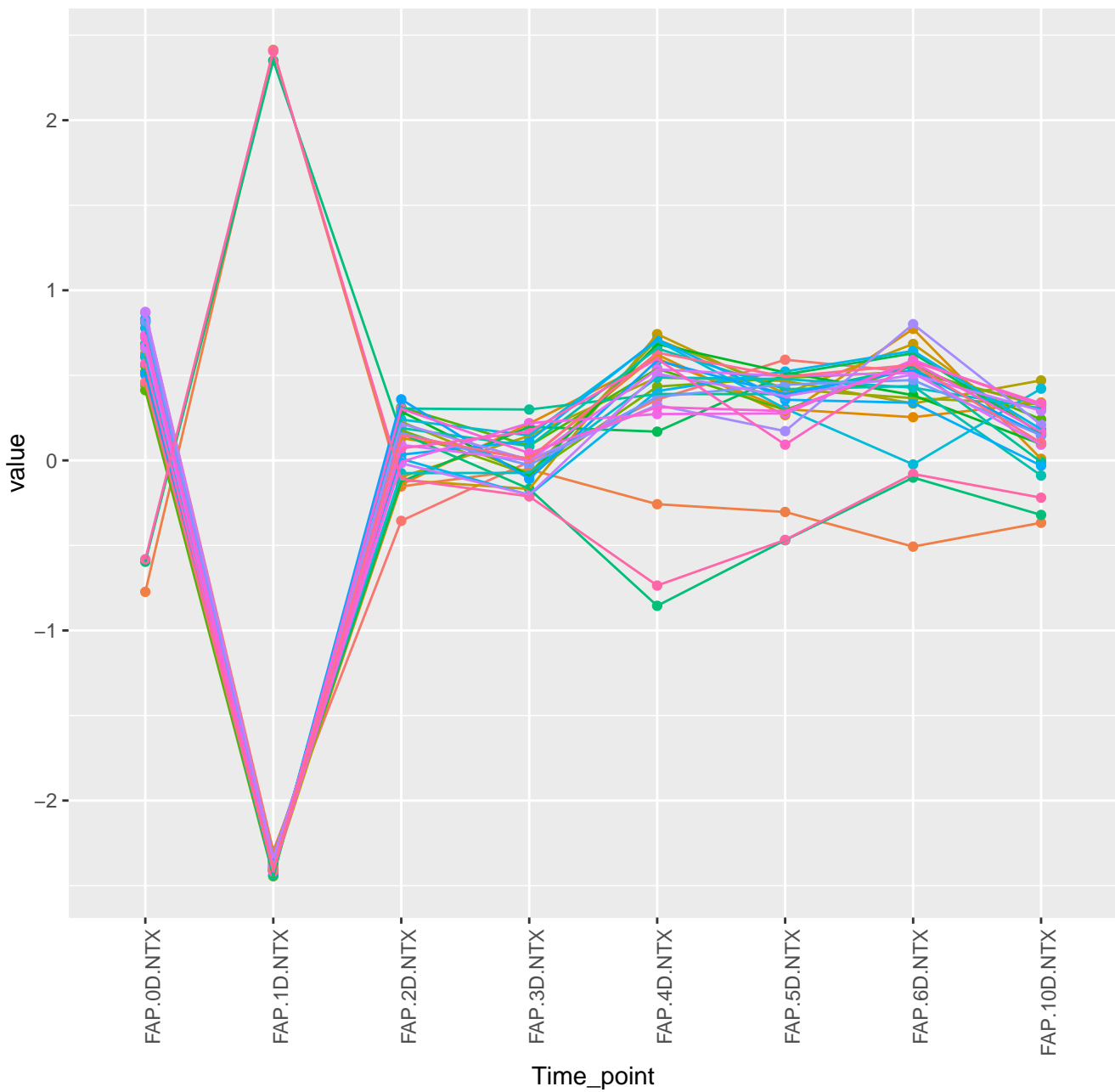
10 genes – cluster 201



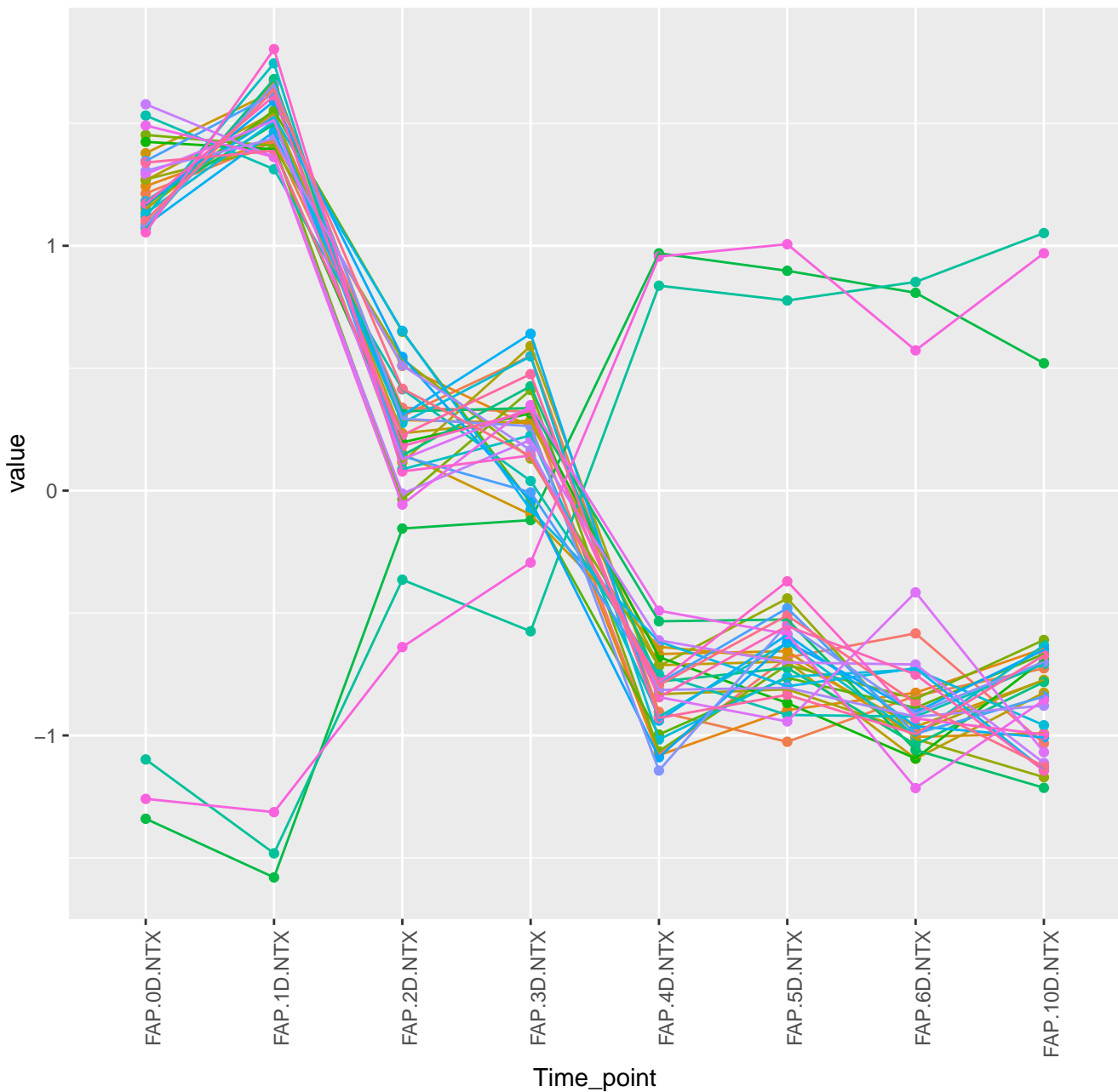
25 genes – cluster 202



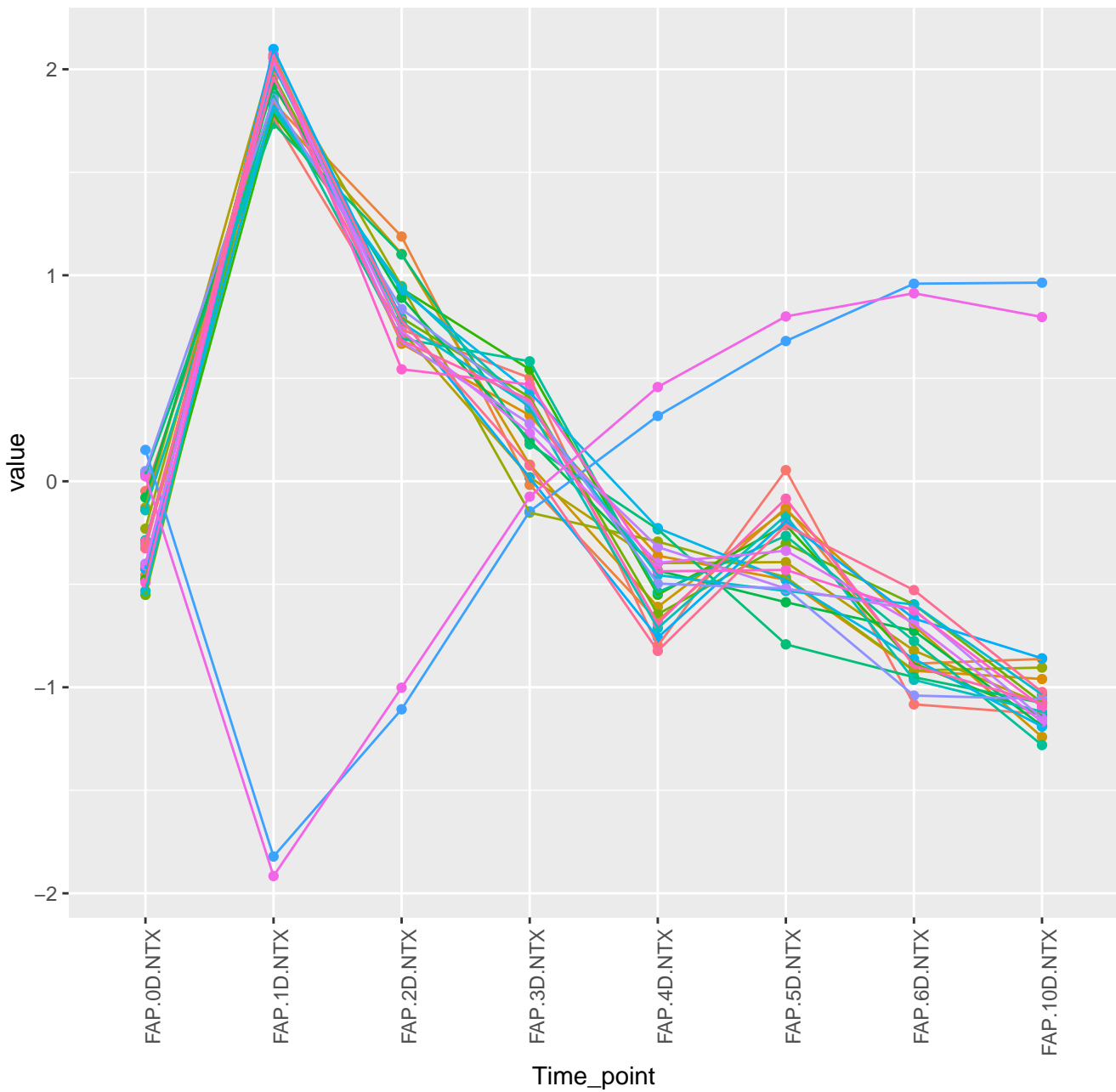
28 genes – cluster 203



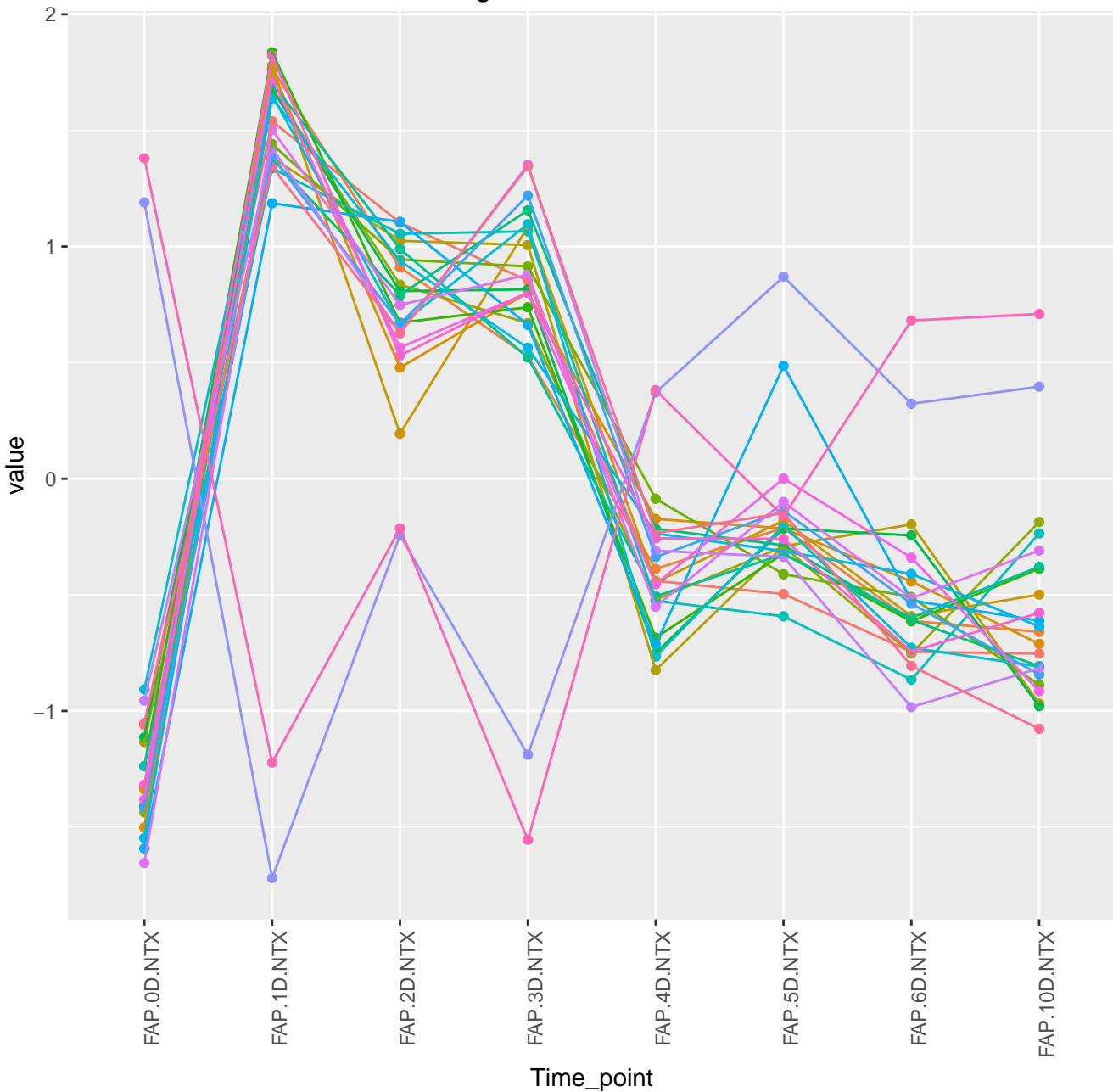
32 genes – cluster 204



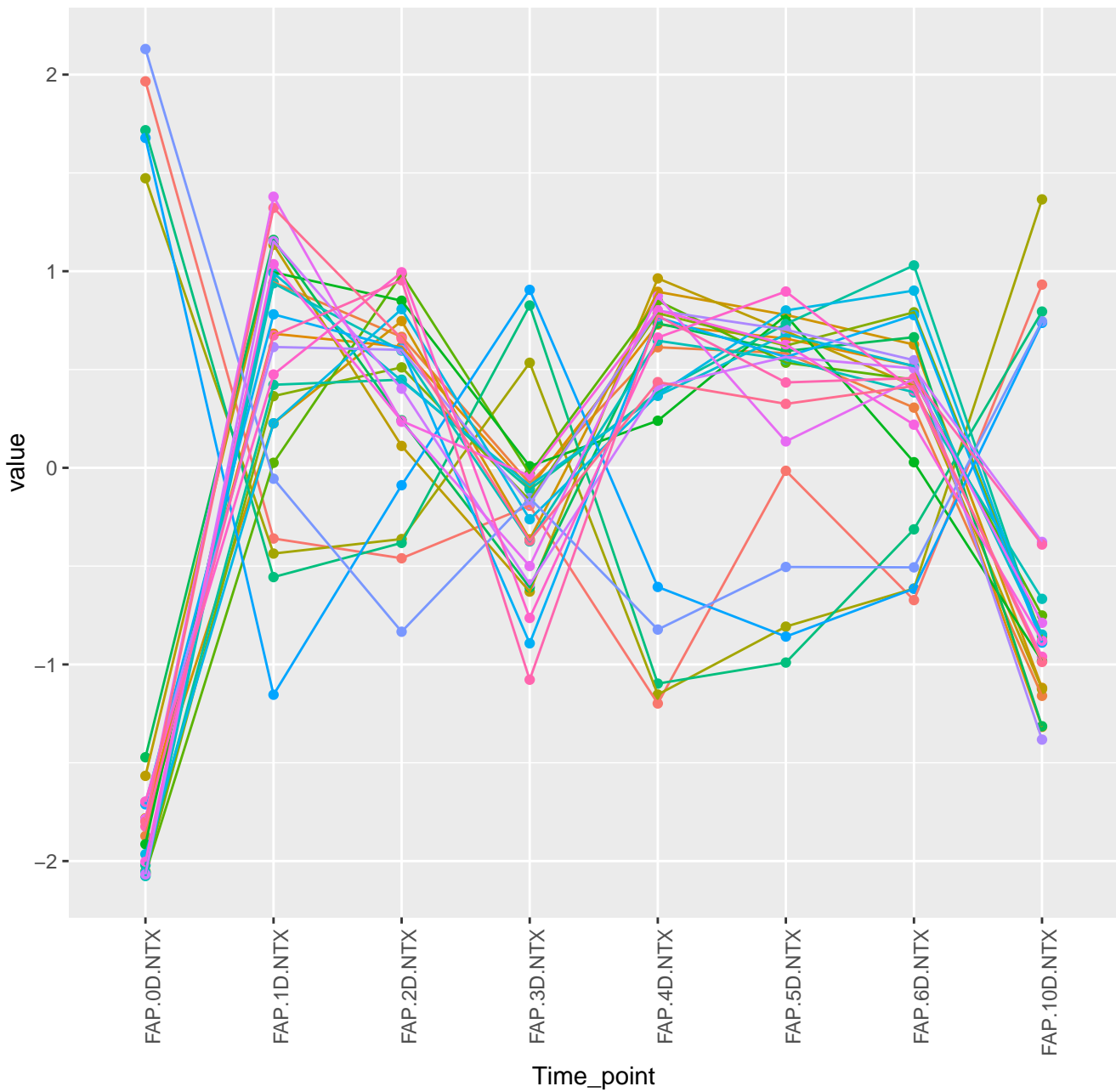
23 genes – cluster 206



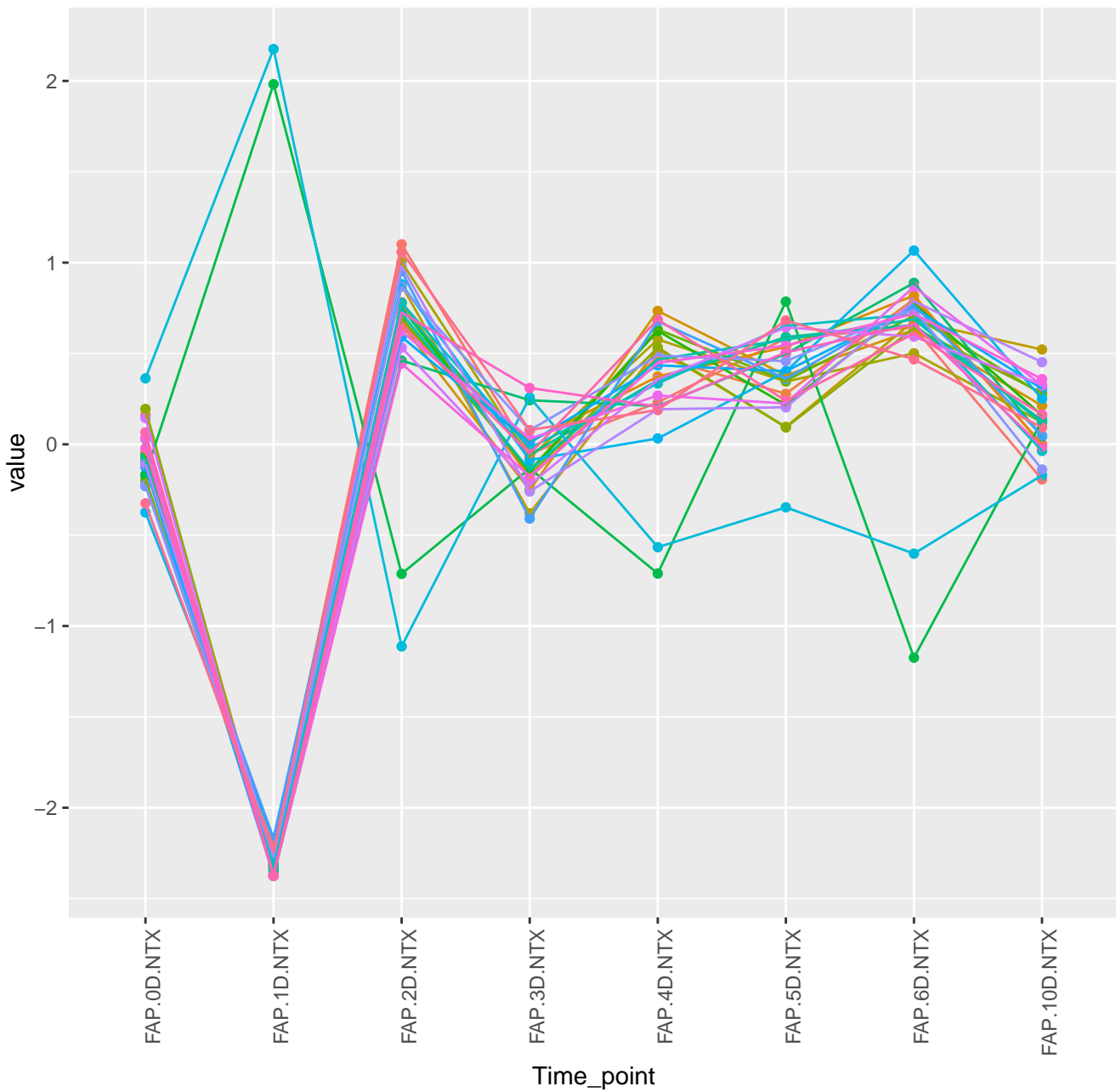
23 genes – cluster 207



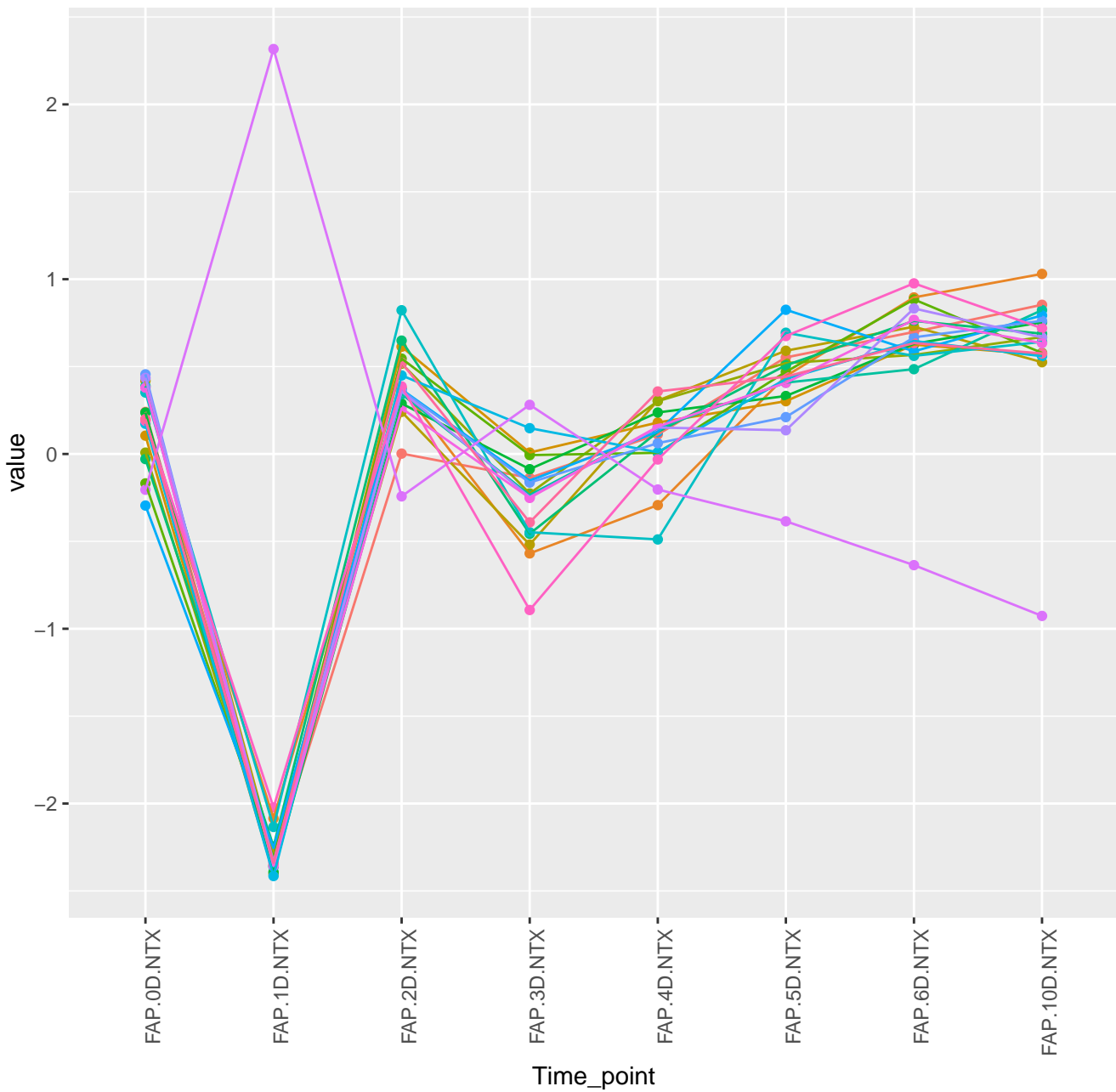
25 genes – cluster 208



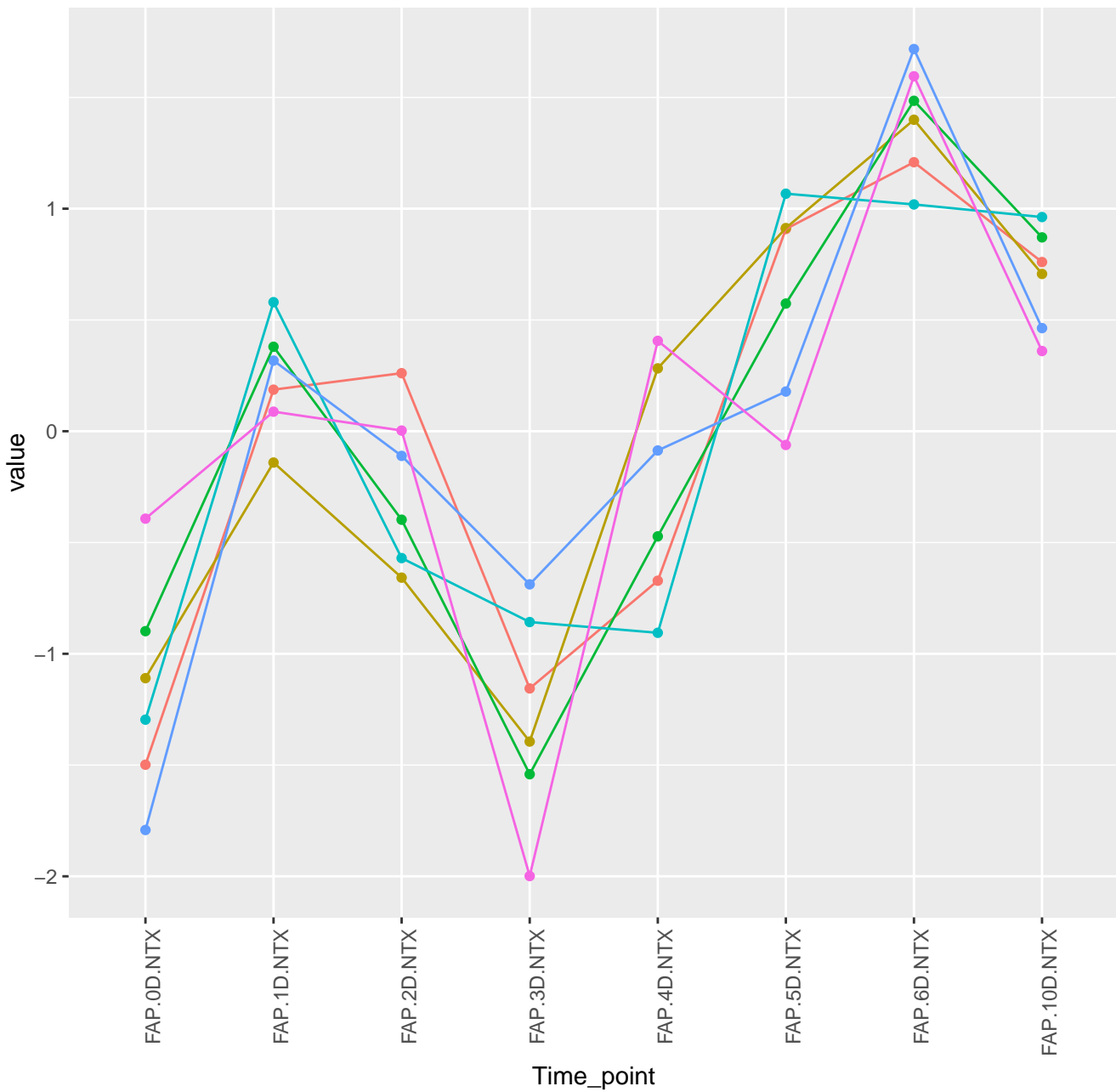
26 genes – cluster 209



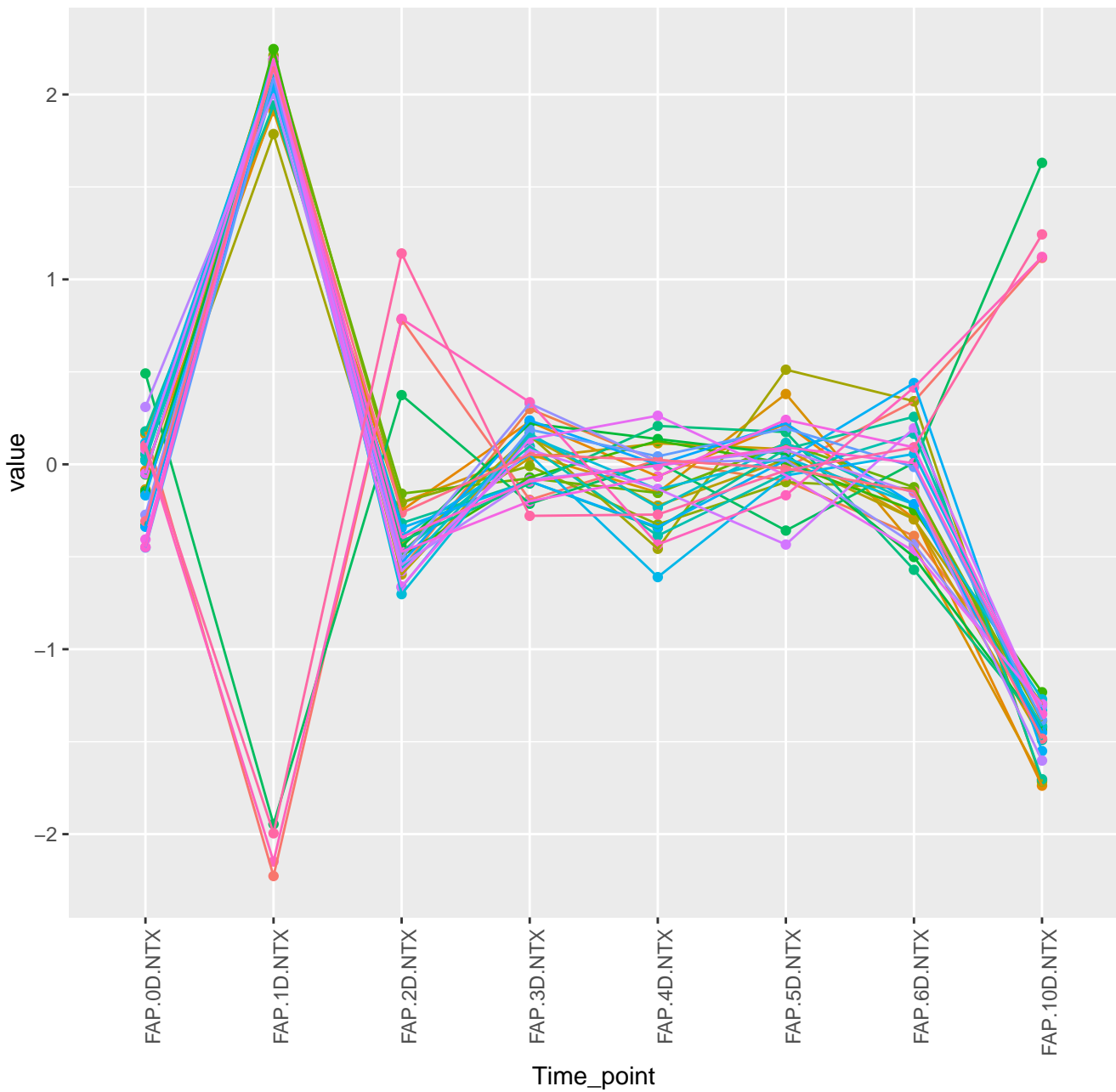
18 genes – cluster 211



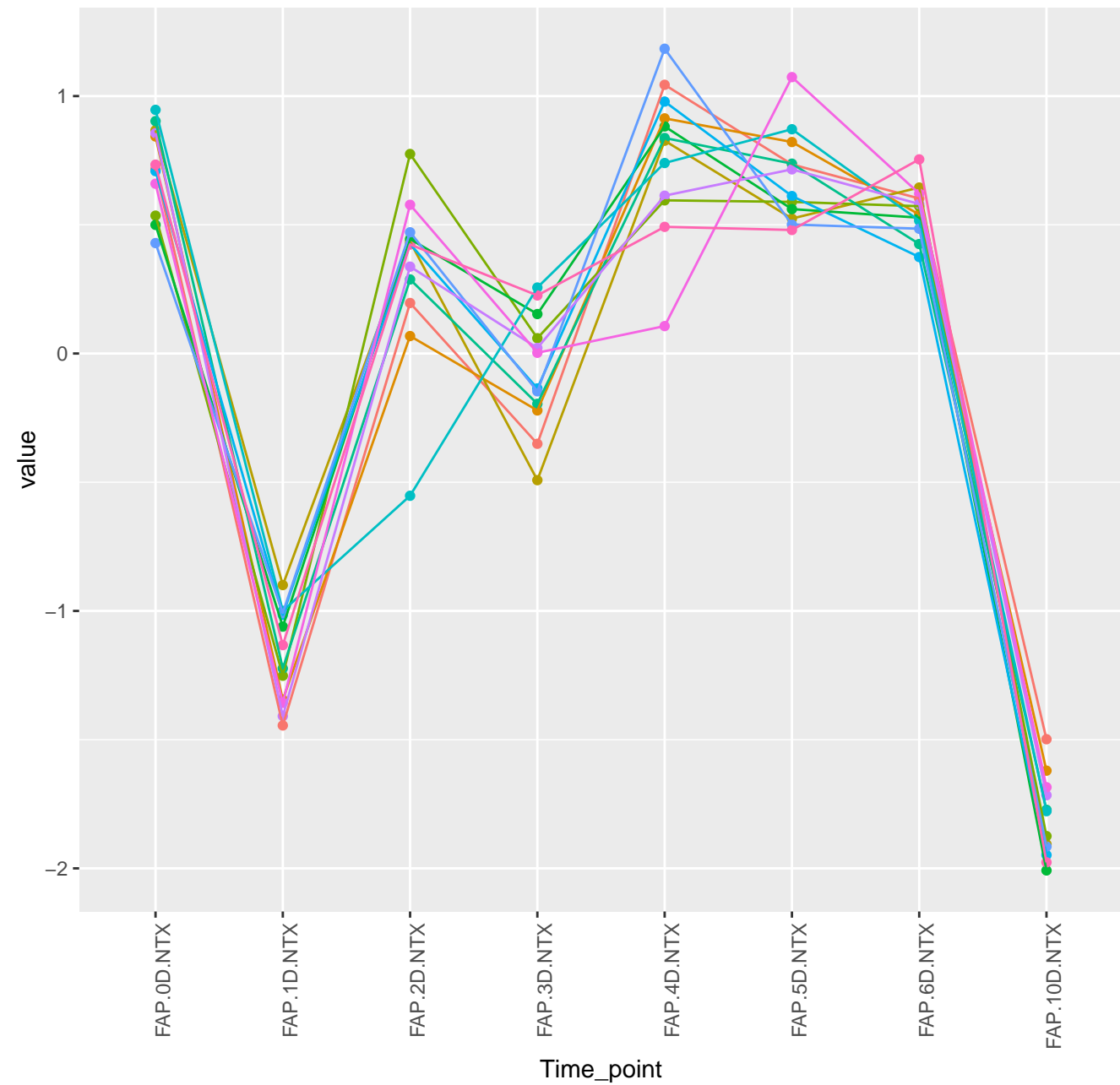
6 genes – cluster 212



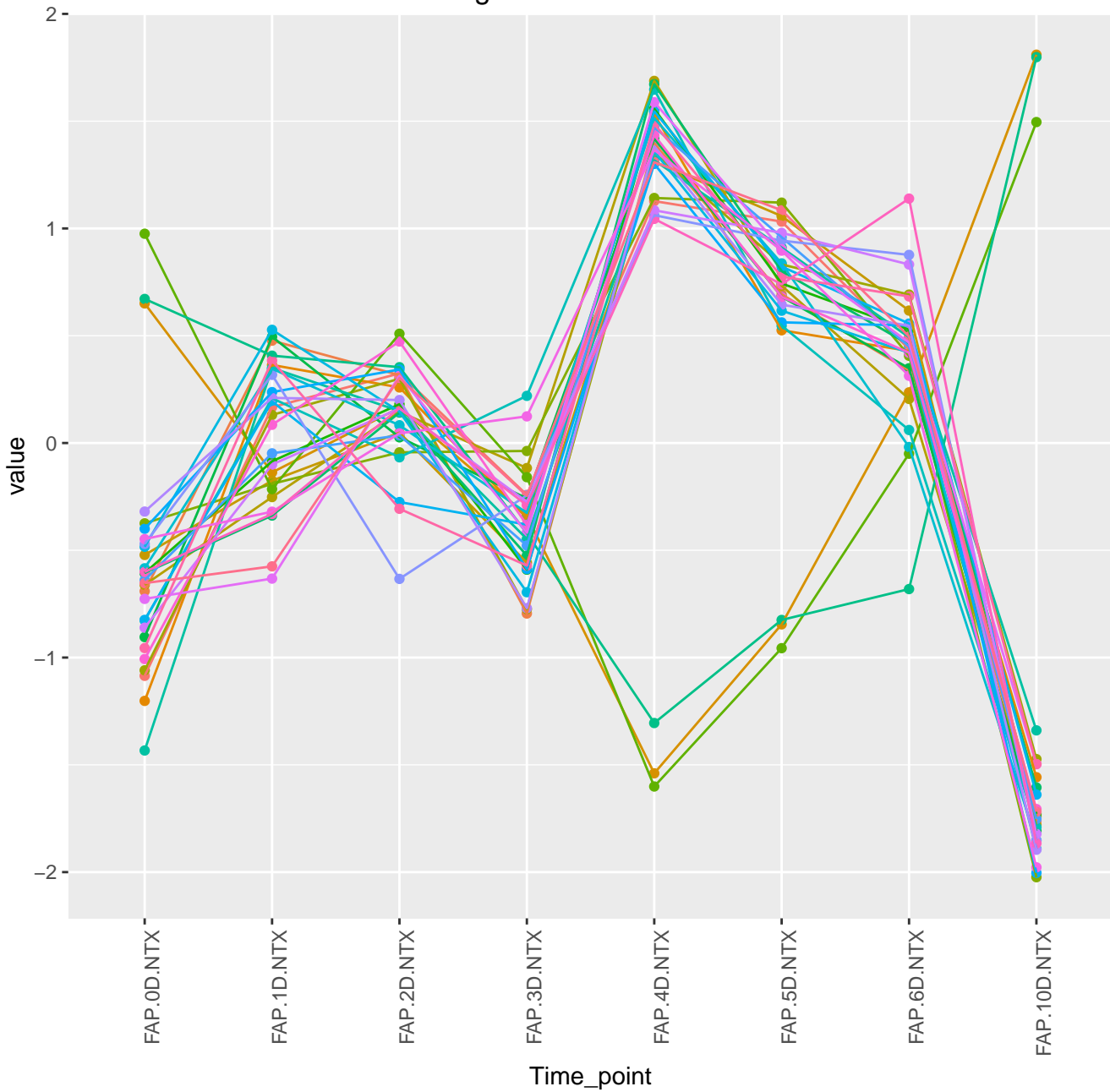
30 genes – cluster 213



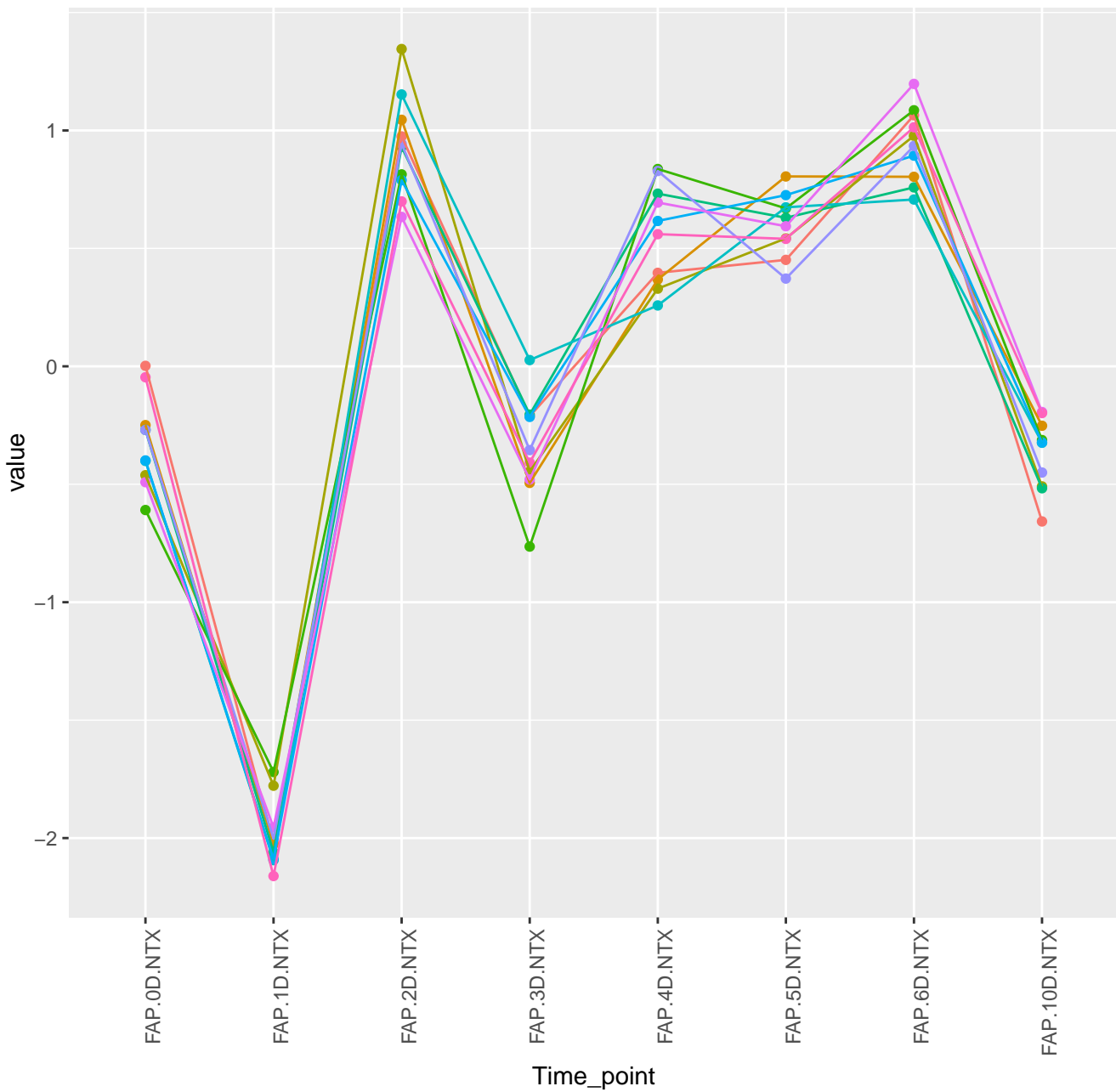
12 genes – cluster 214



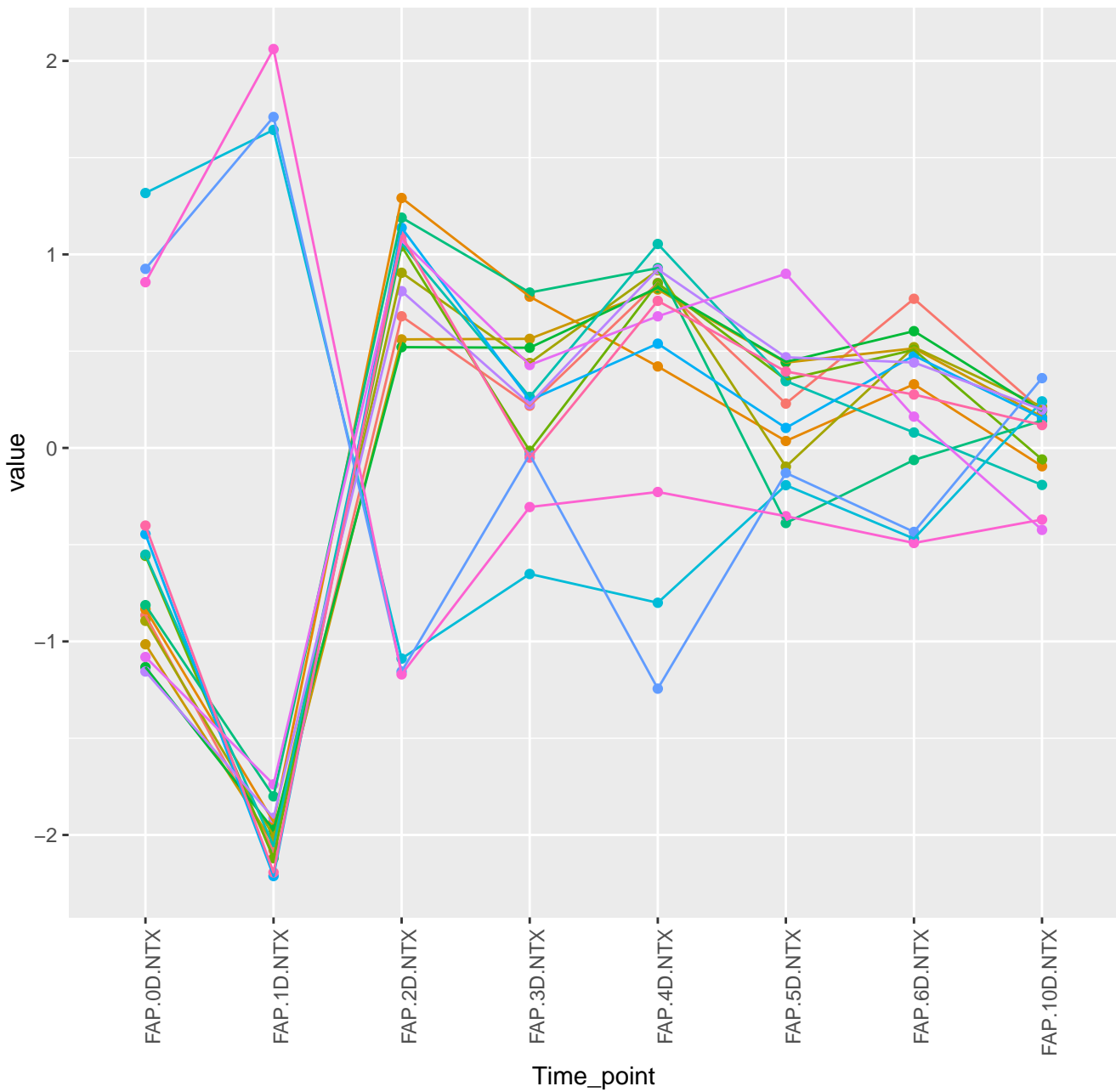
29 genes – cluster 215



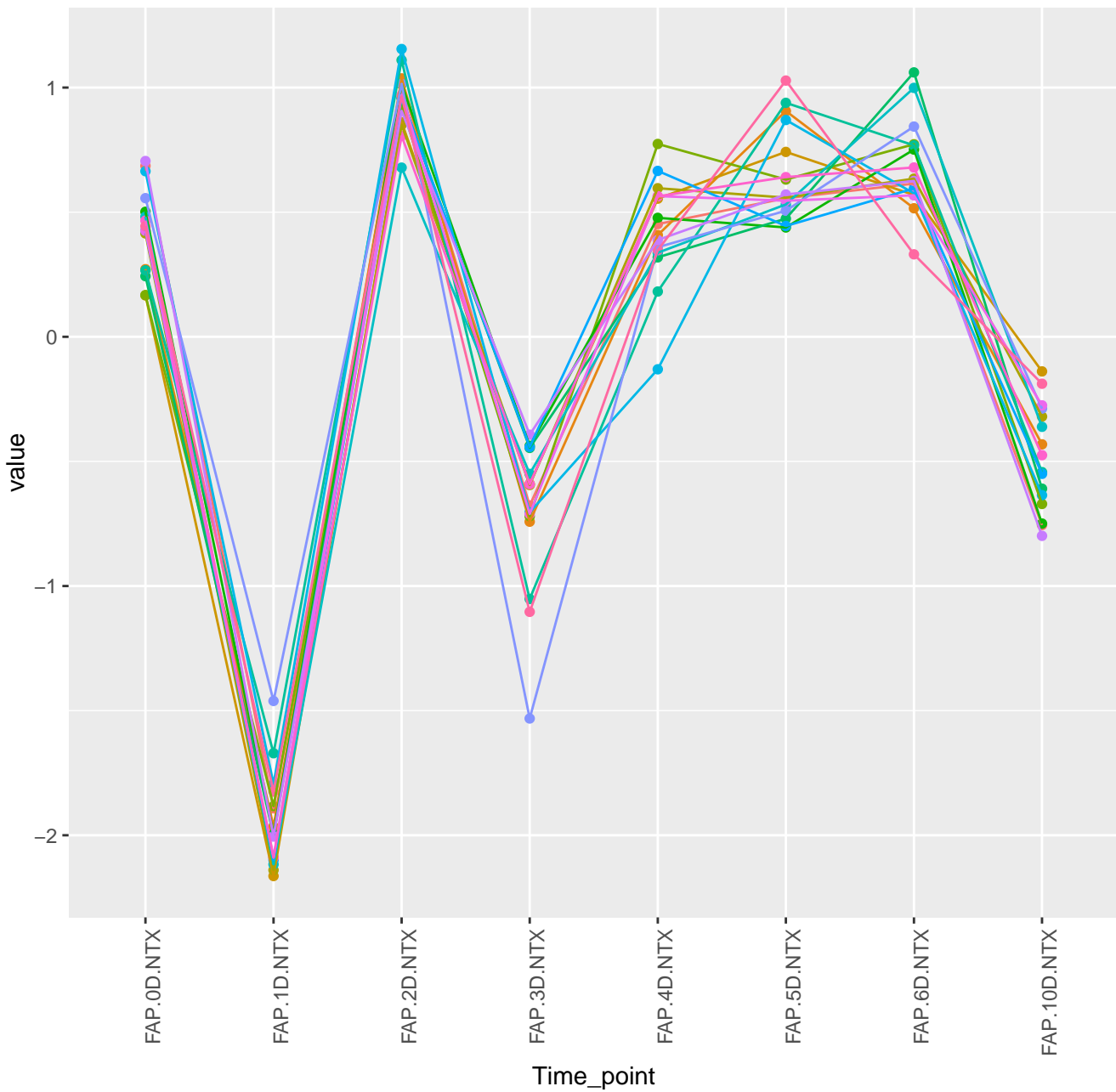
10 genes – cluster 216



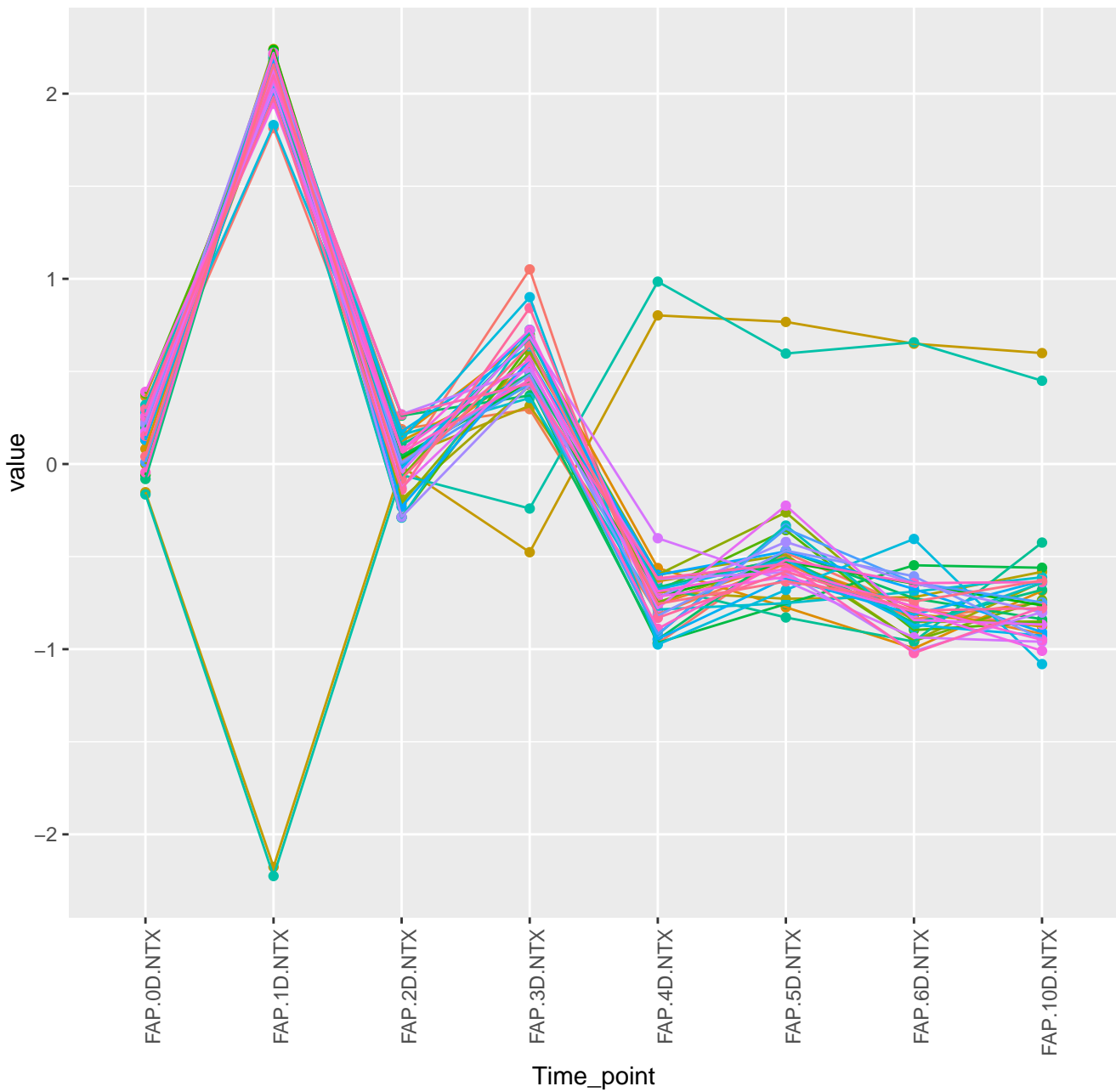
15 genes – cluster 217



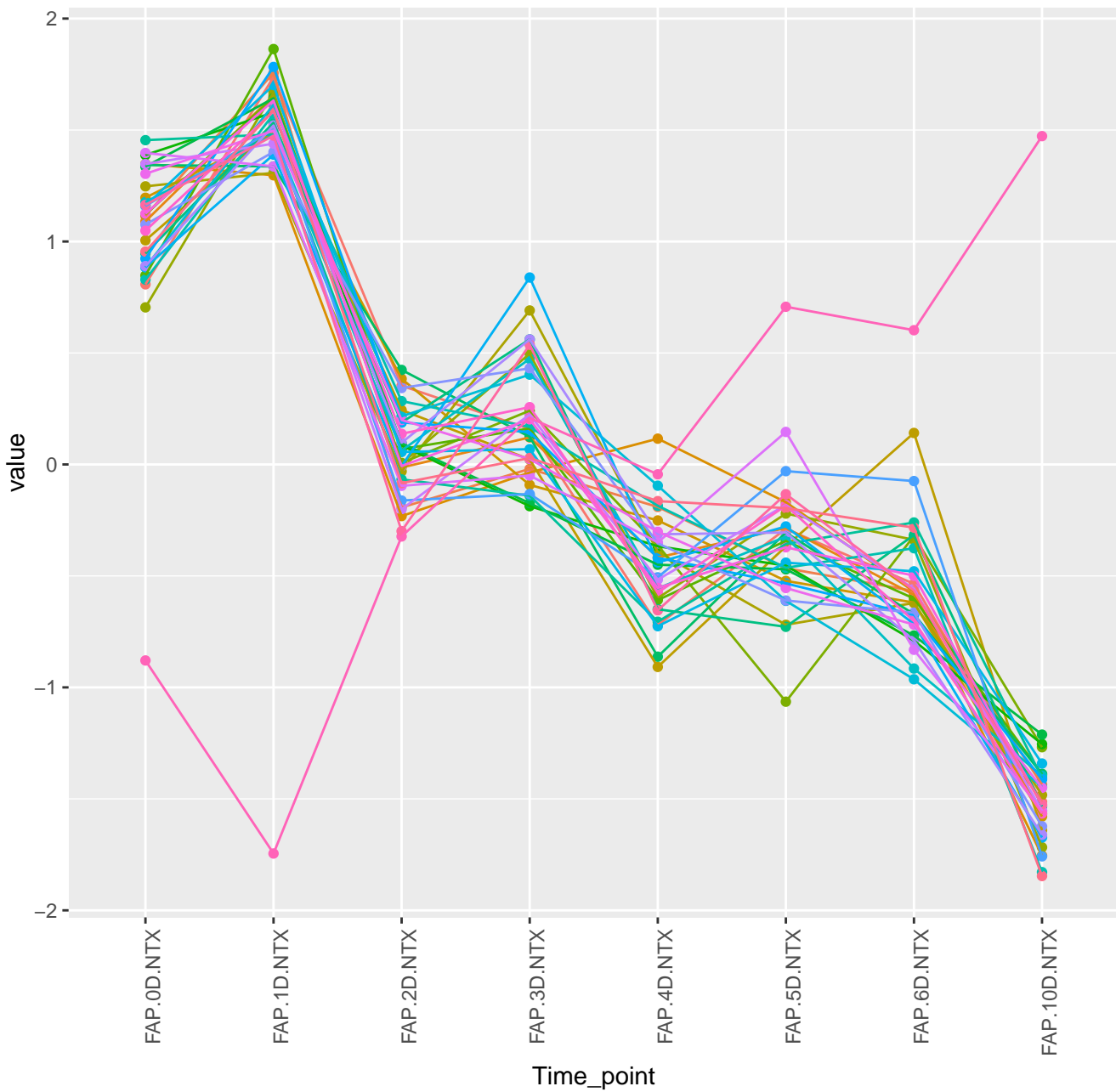
16 genes – cluster 218



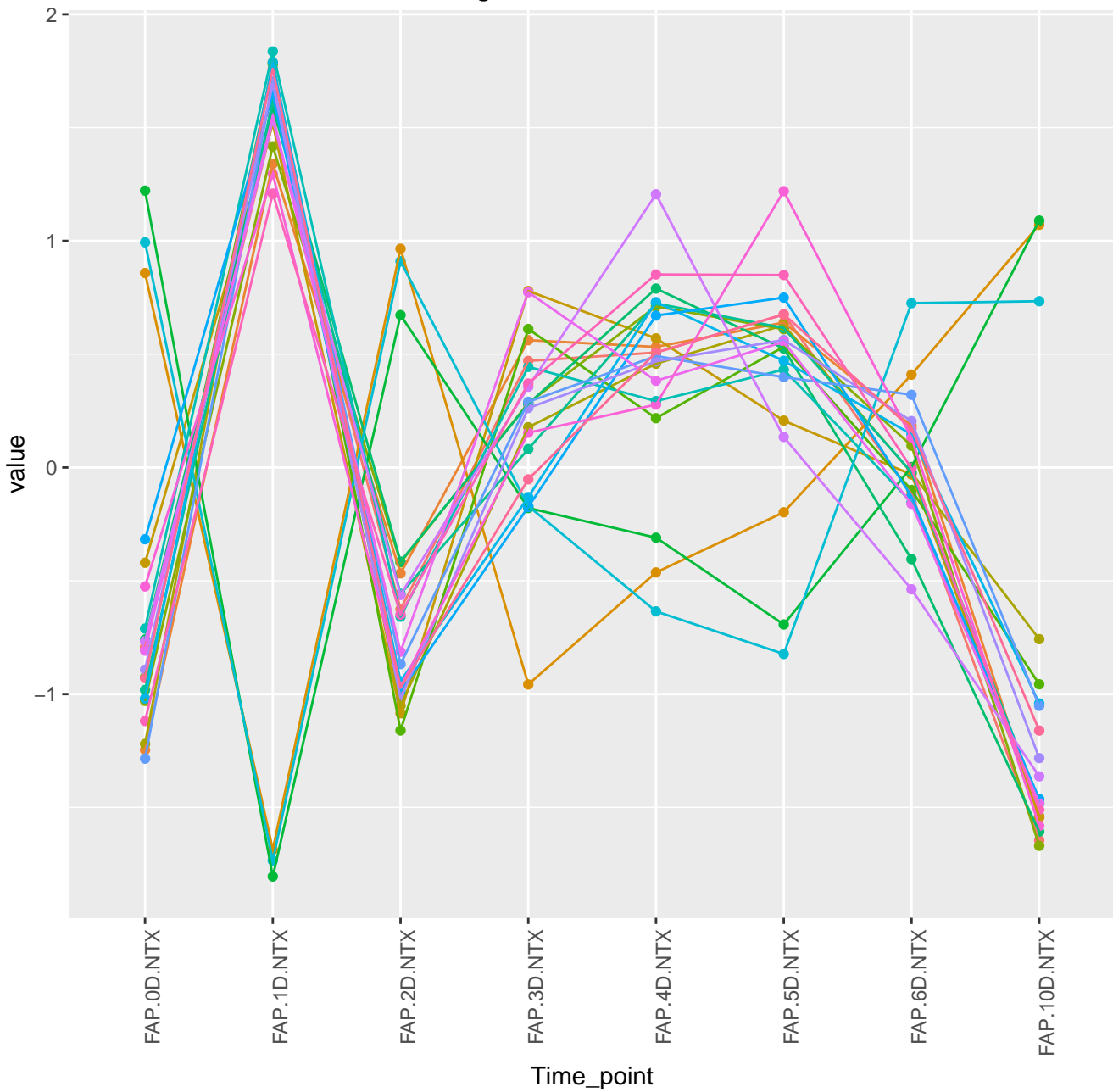
35 genes – cluster 219



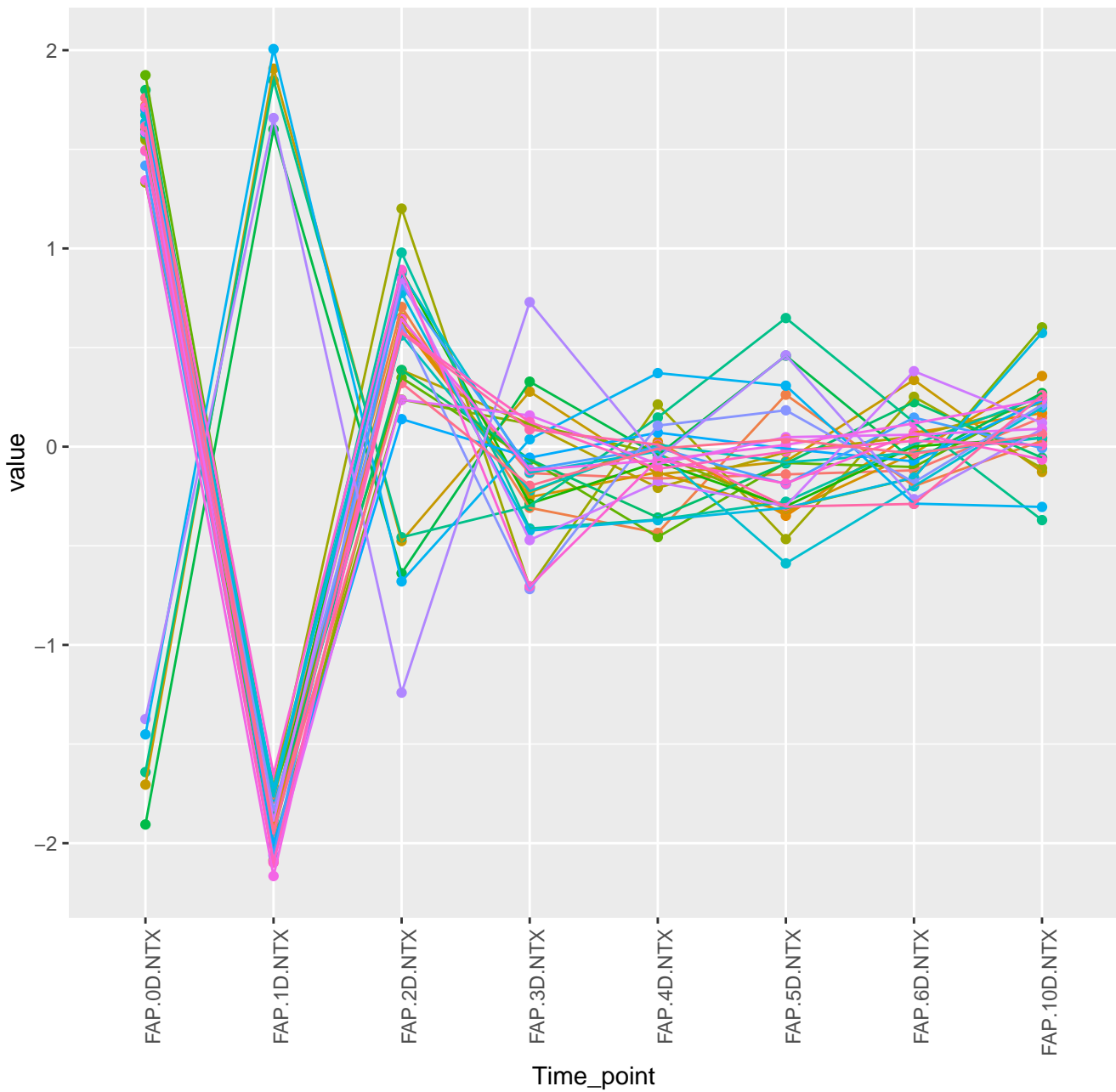
32 genes – cluster 220



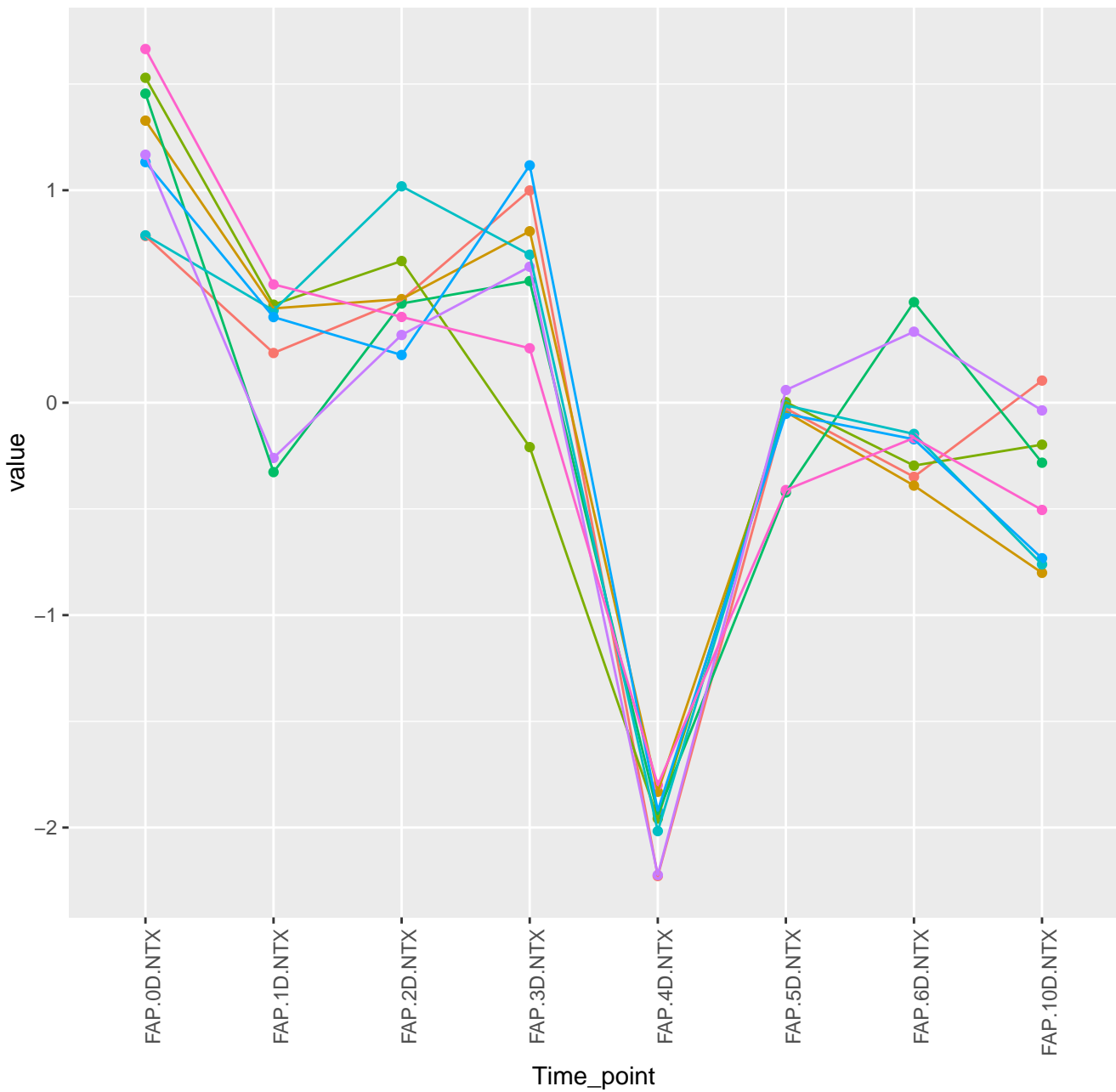
21 genes – cluster 221



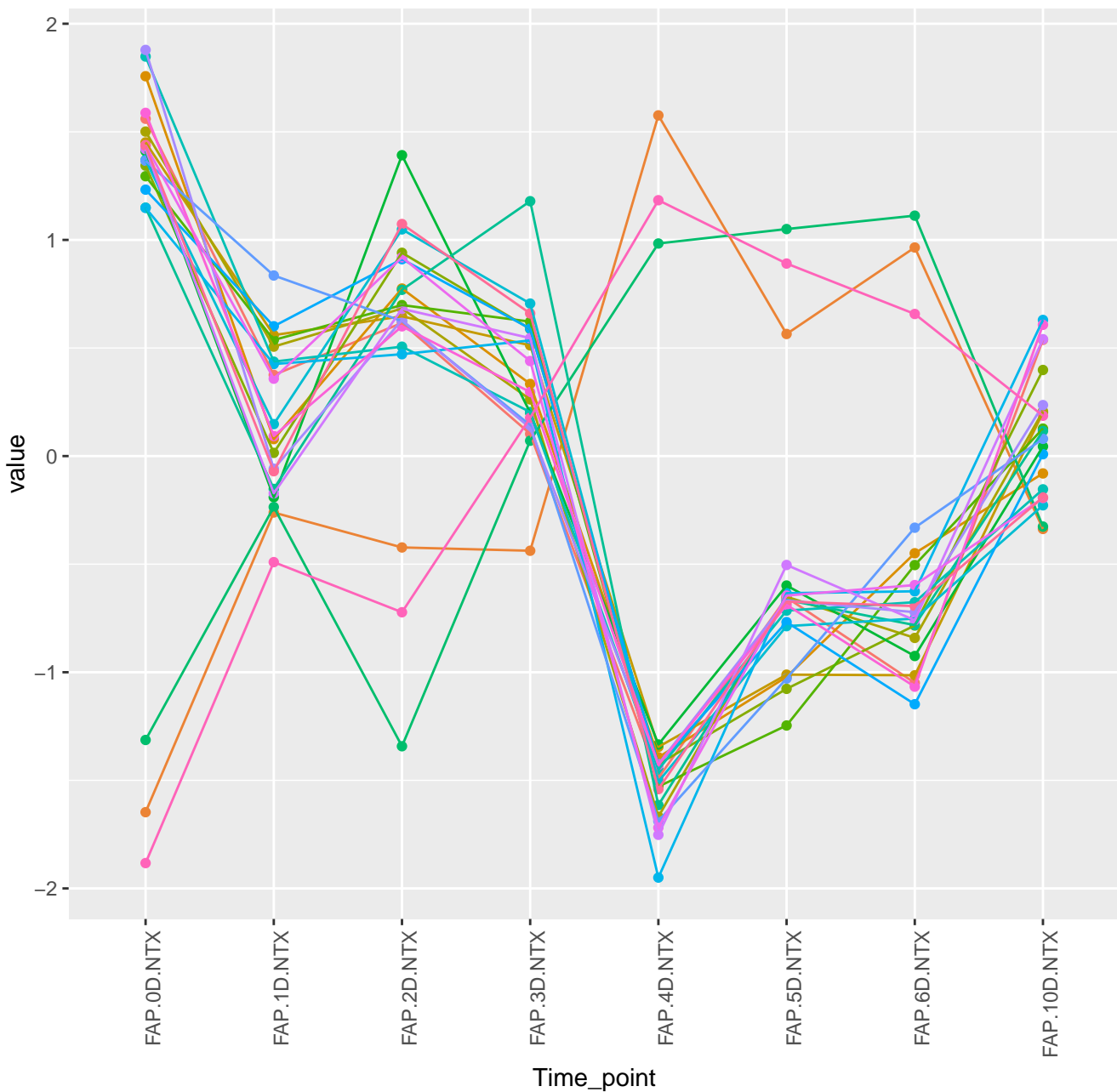
29 genes – cluster 222



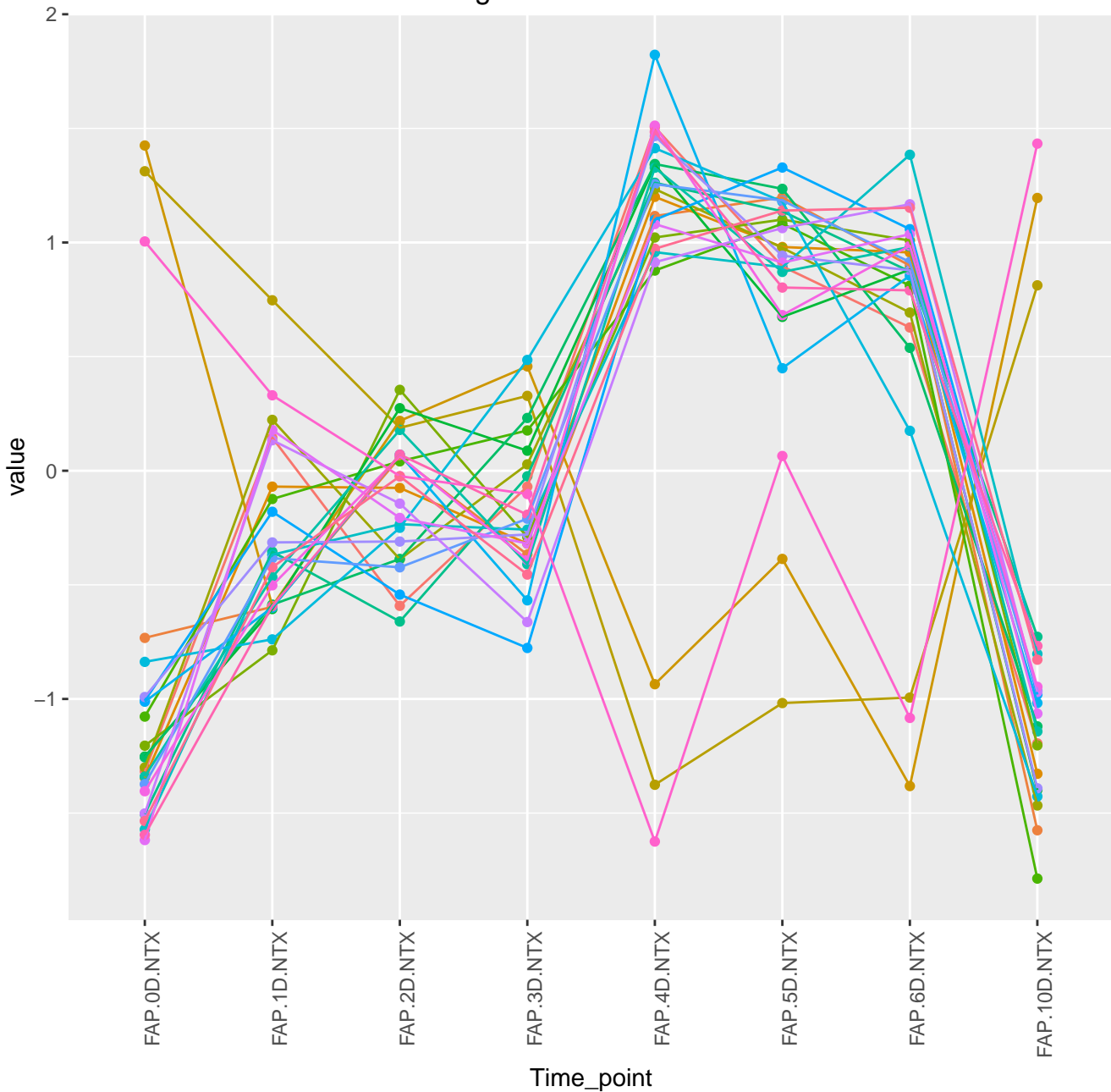
8 genes – cluster 223



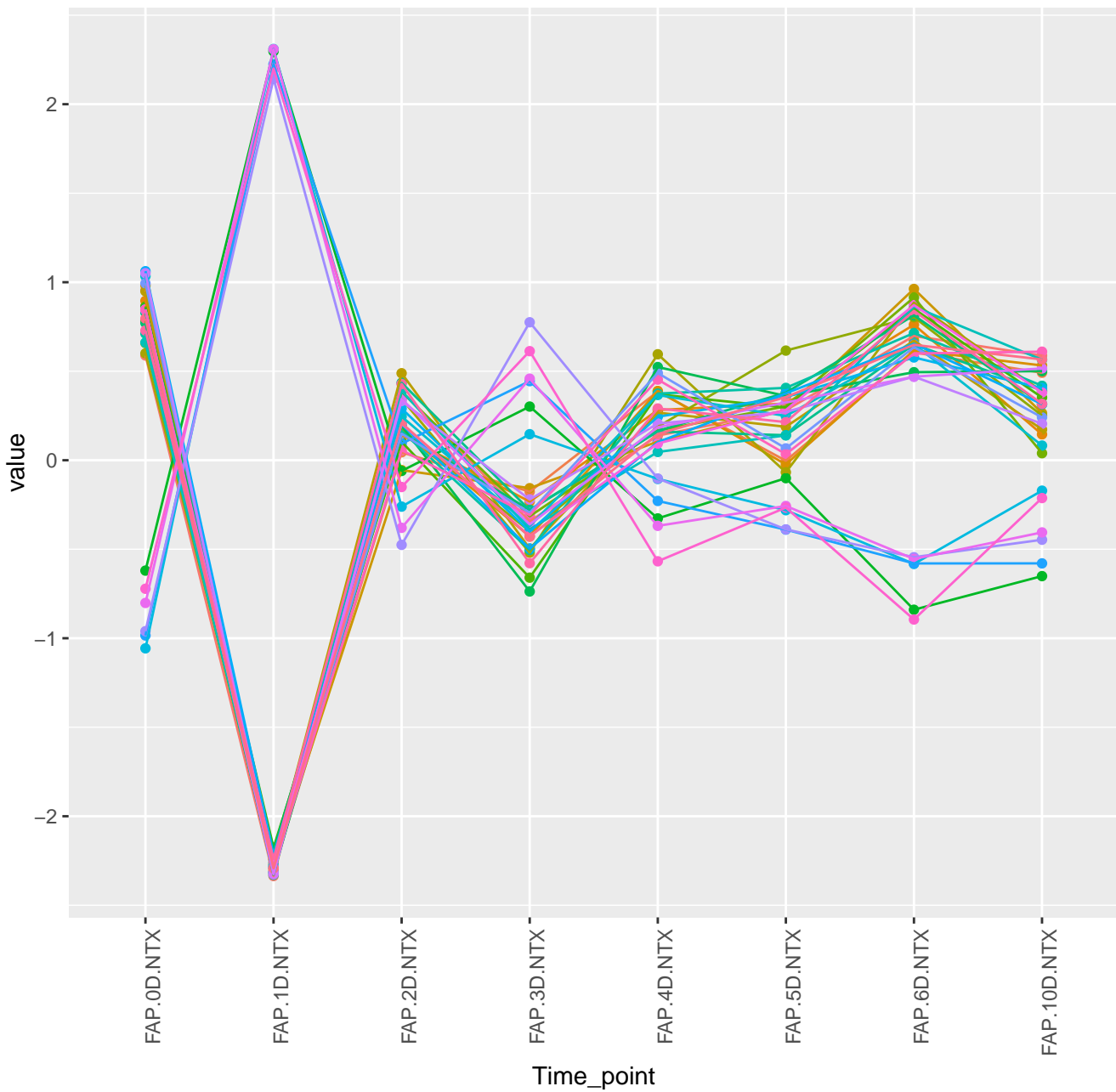
21 genes – cluster 224



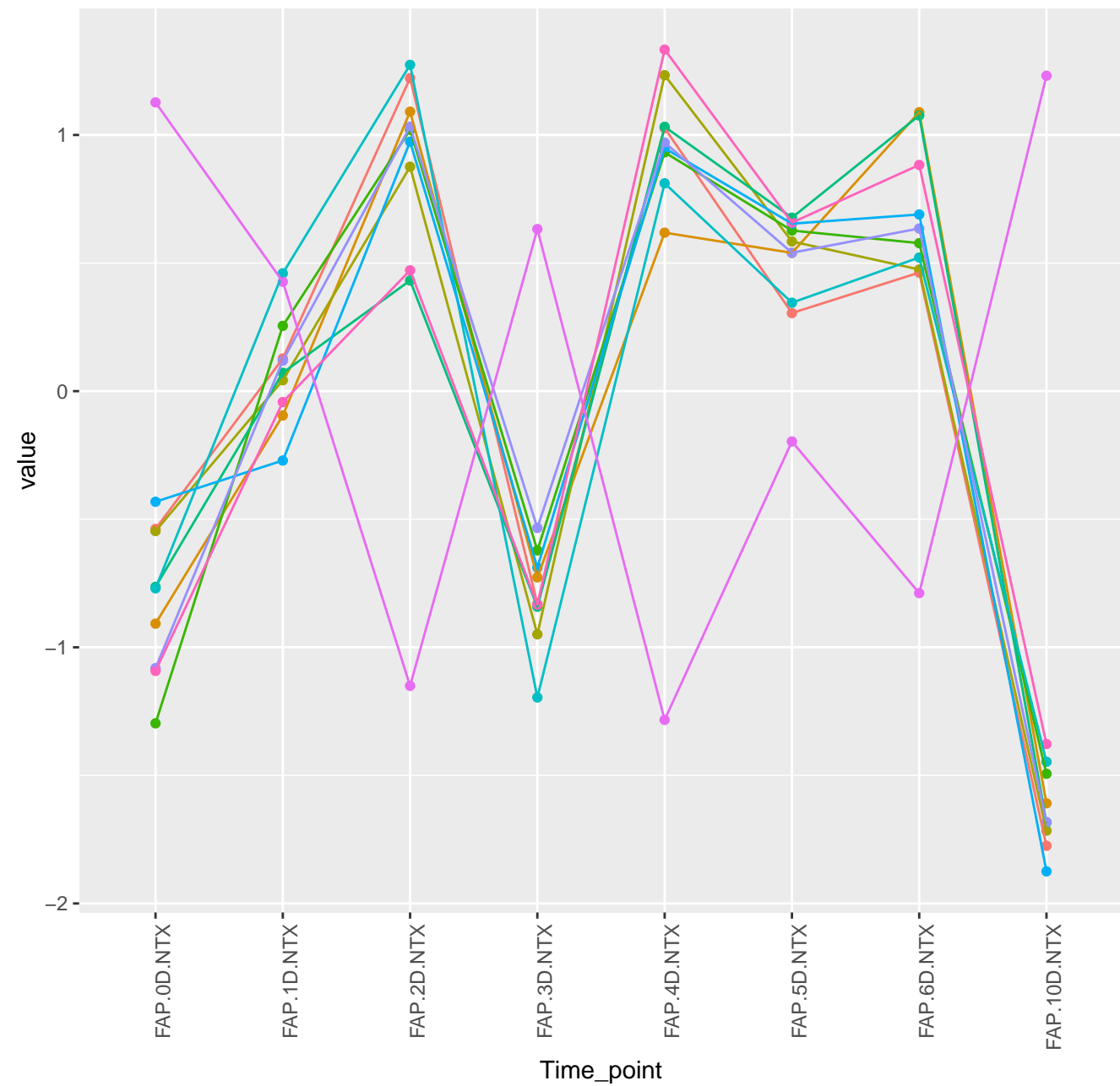
24 genes – cluster 225



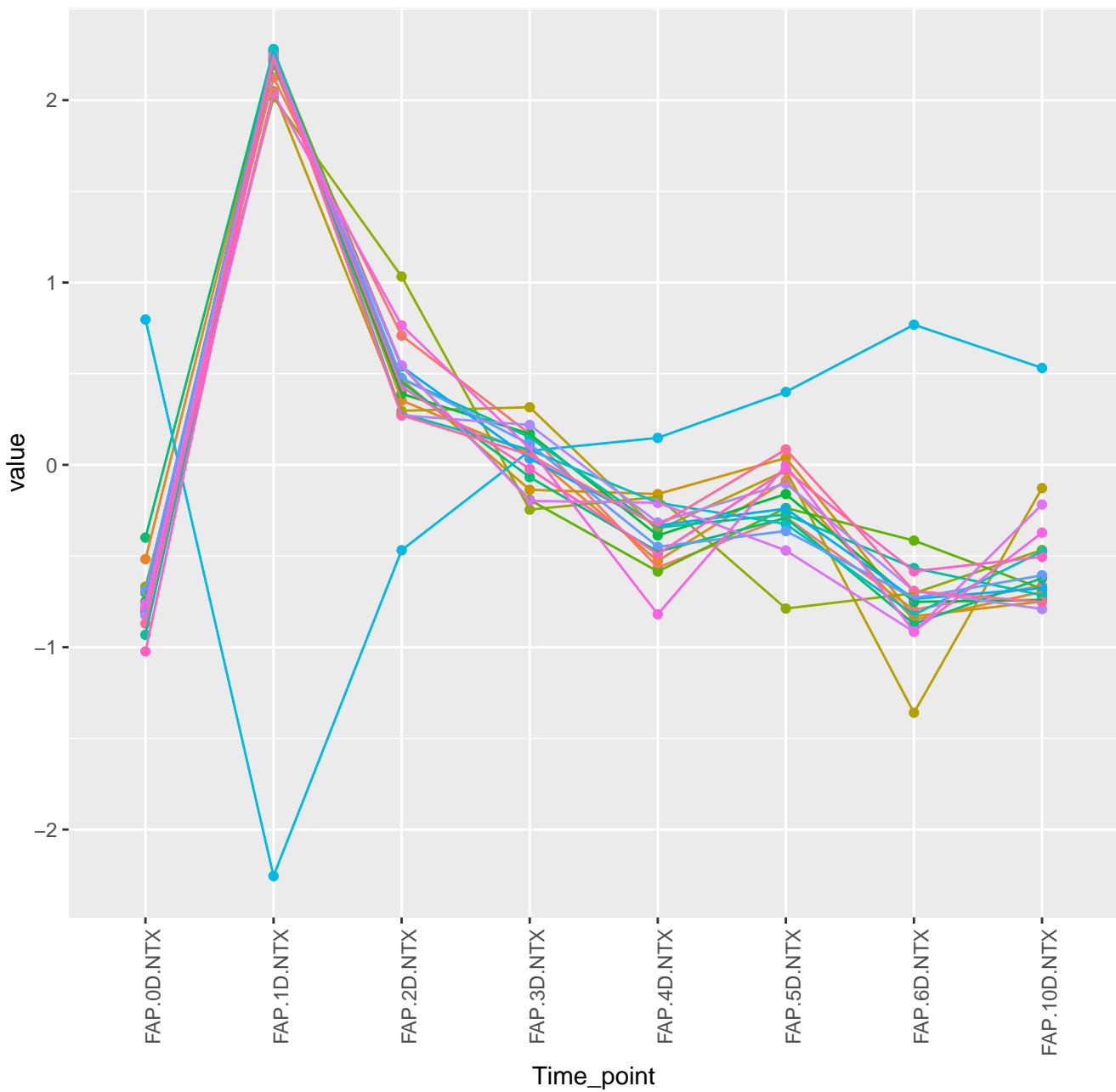
31 genes – cluster 226



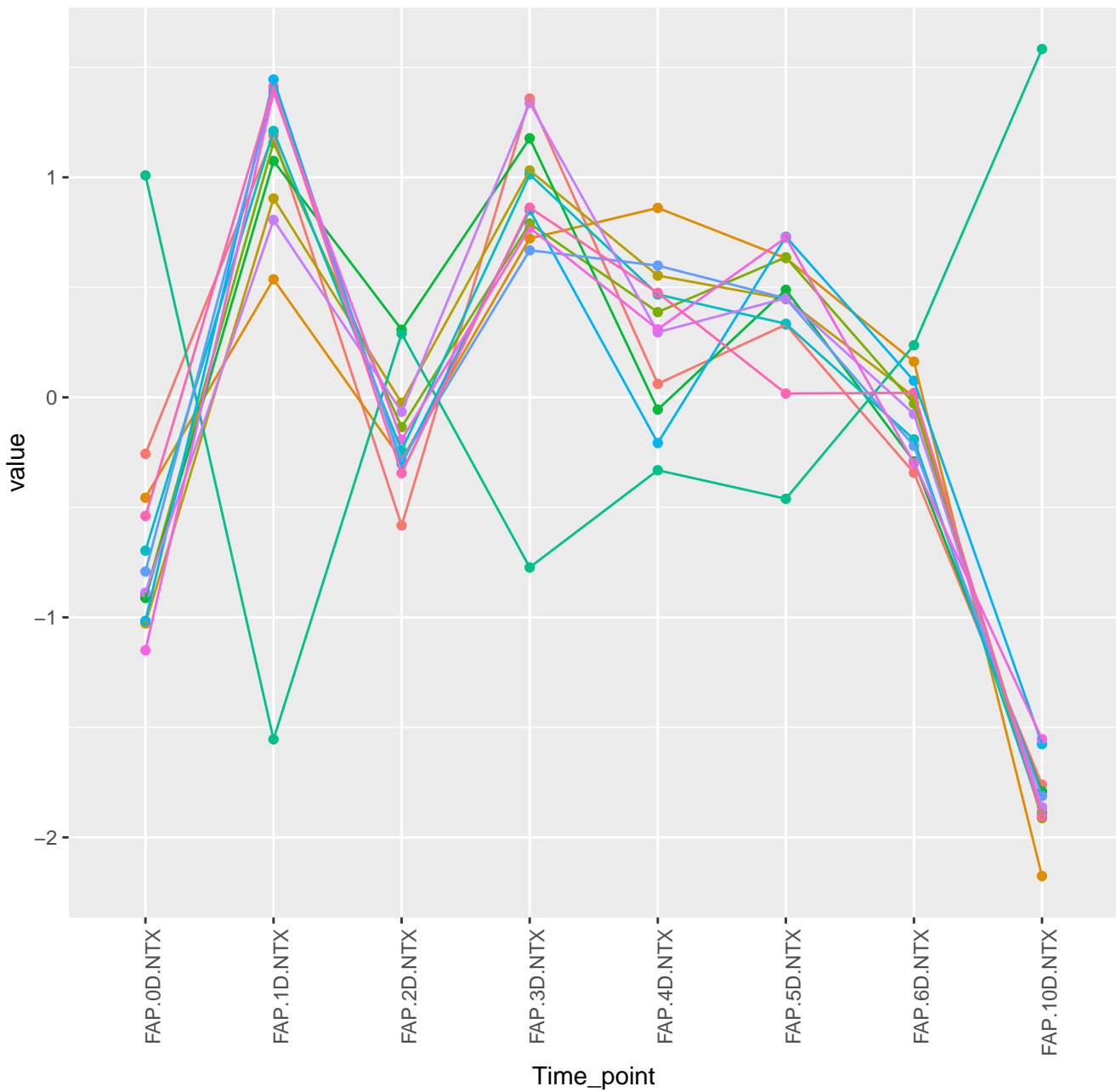
10 genes – cluster 227



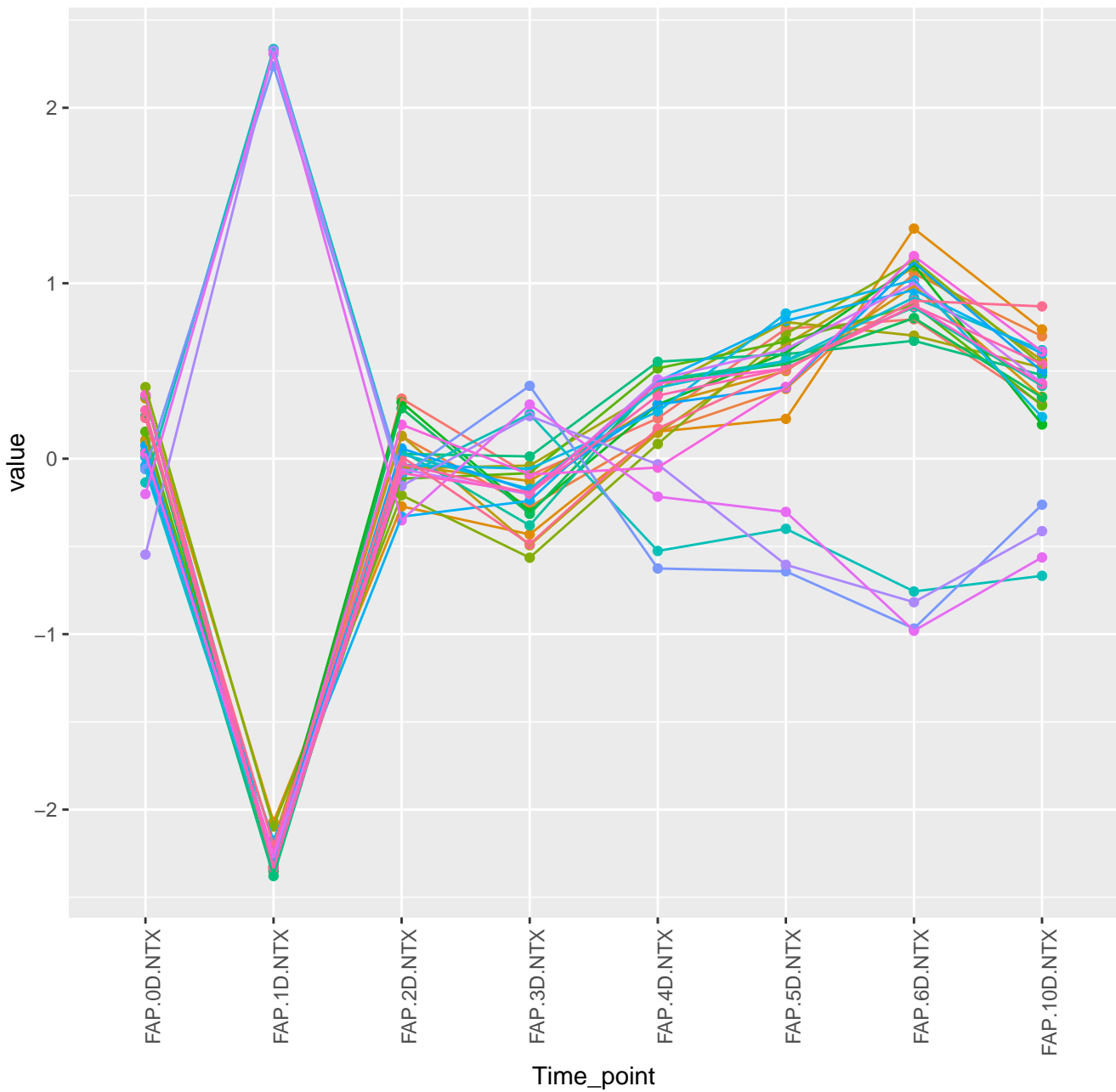
18 genes – cluster 228



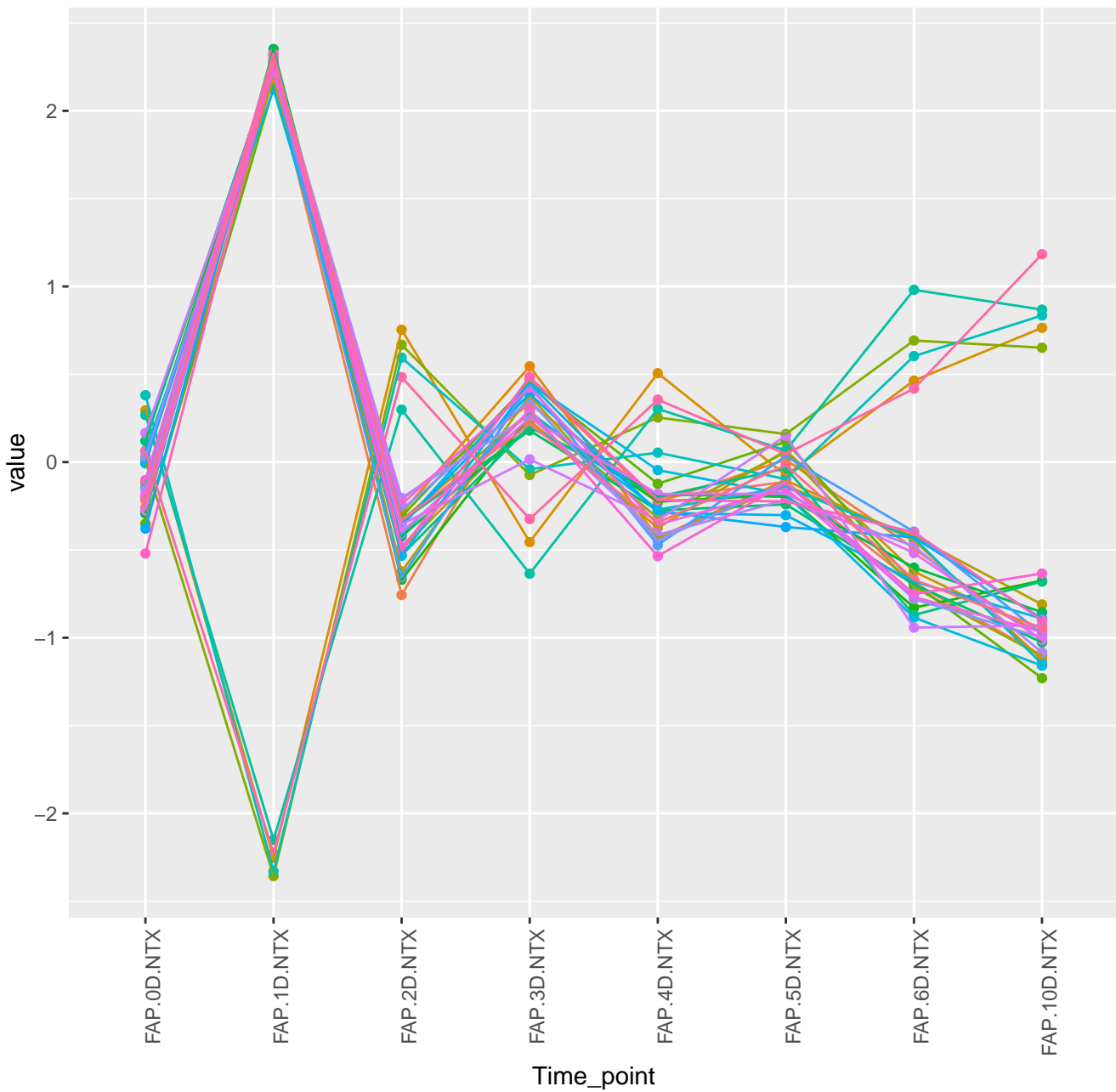
12 genes – cluster 229



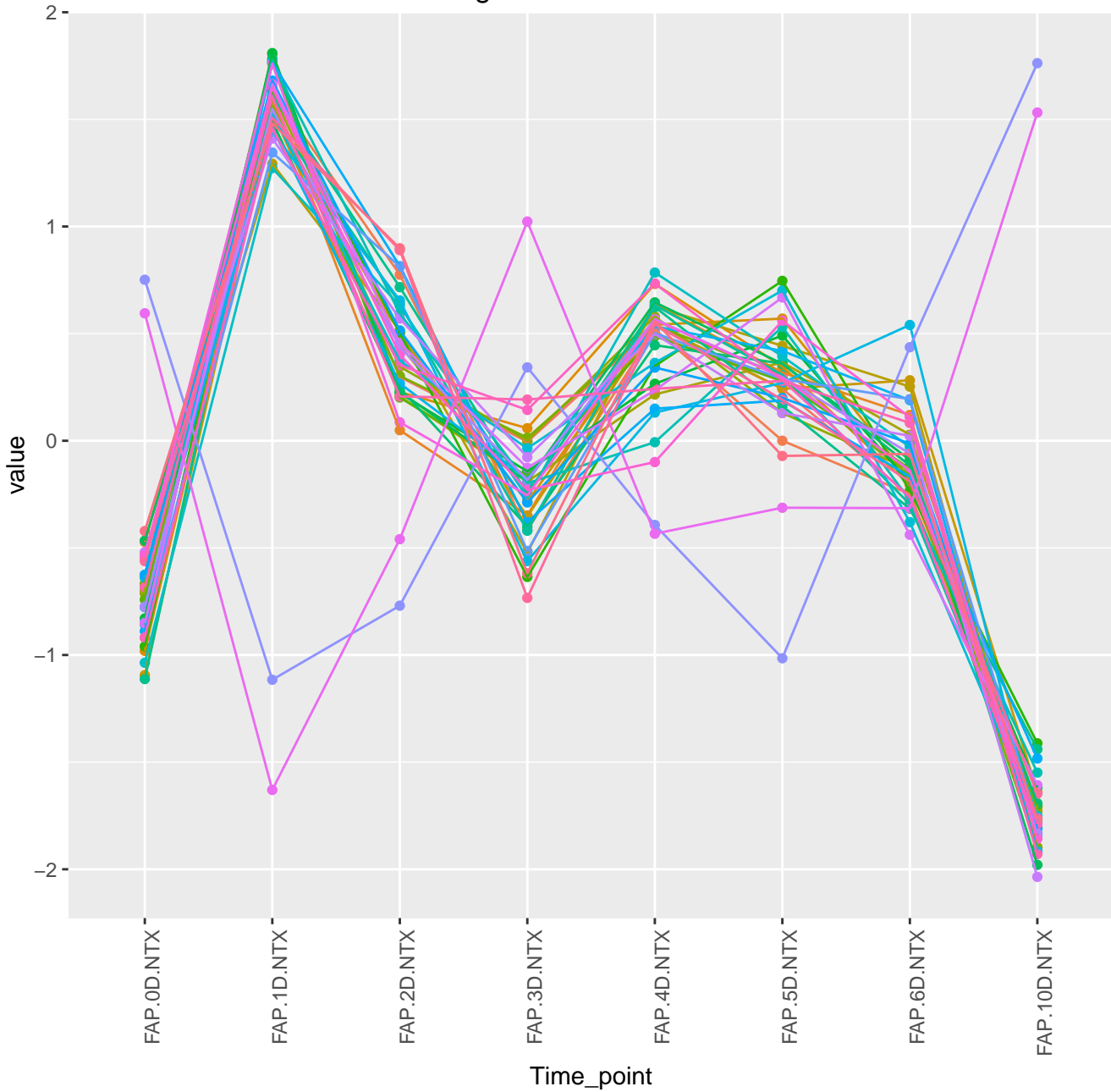
25 genes – cluster 230



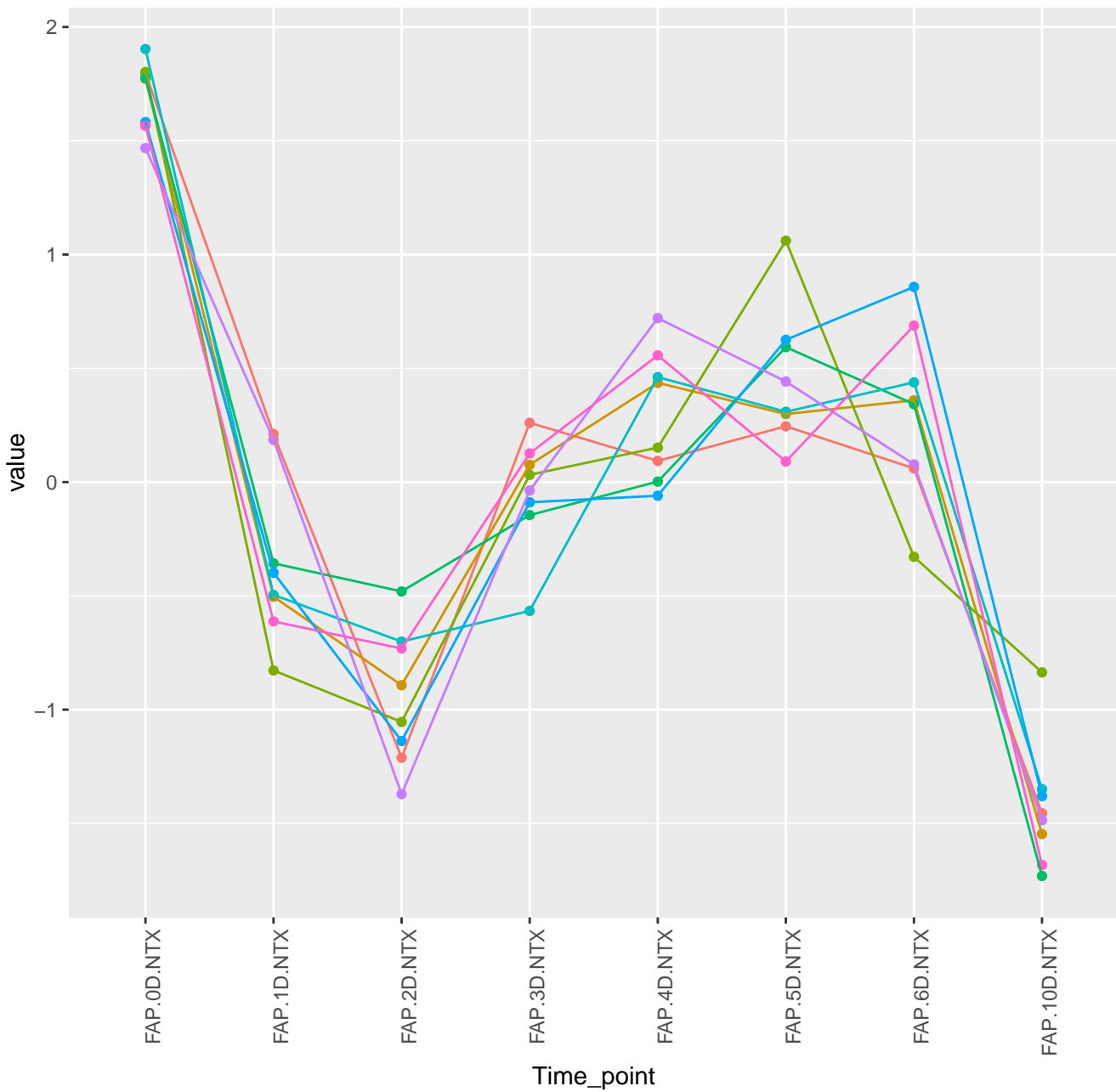
29 genes – cluster 231



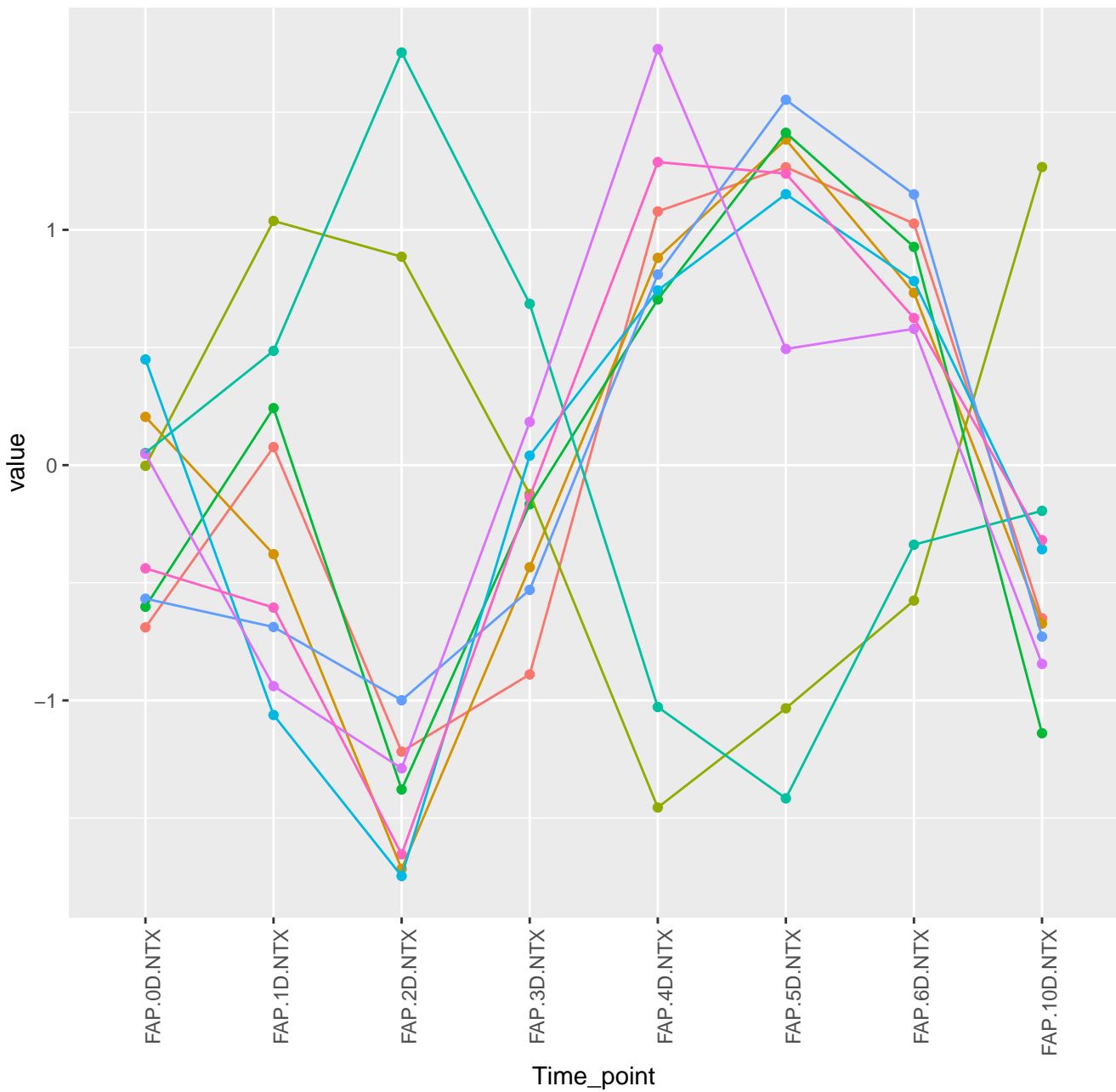
36 genes – cluster 232



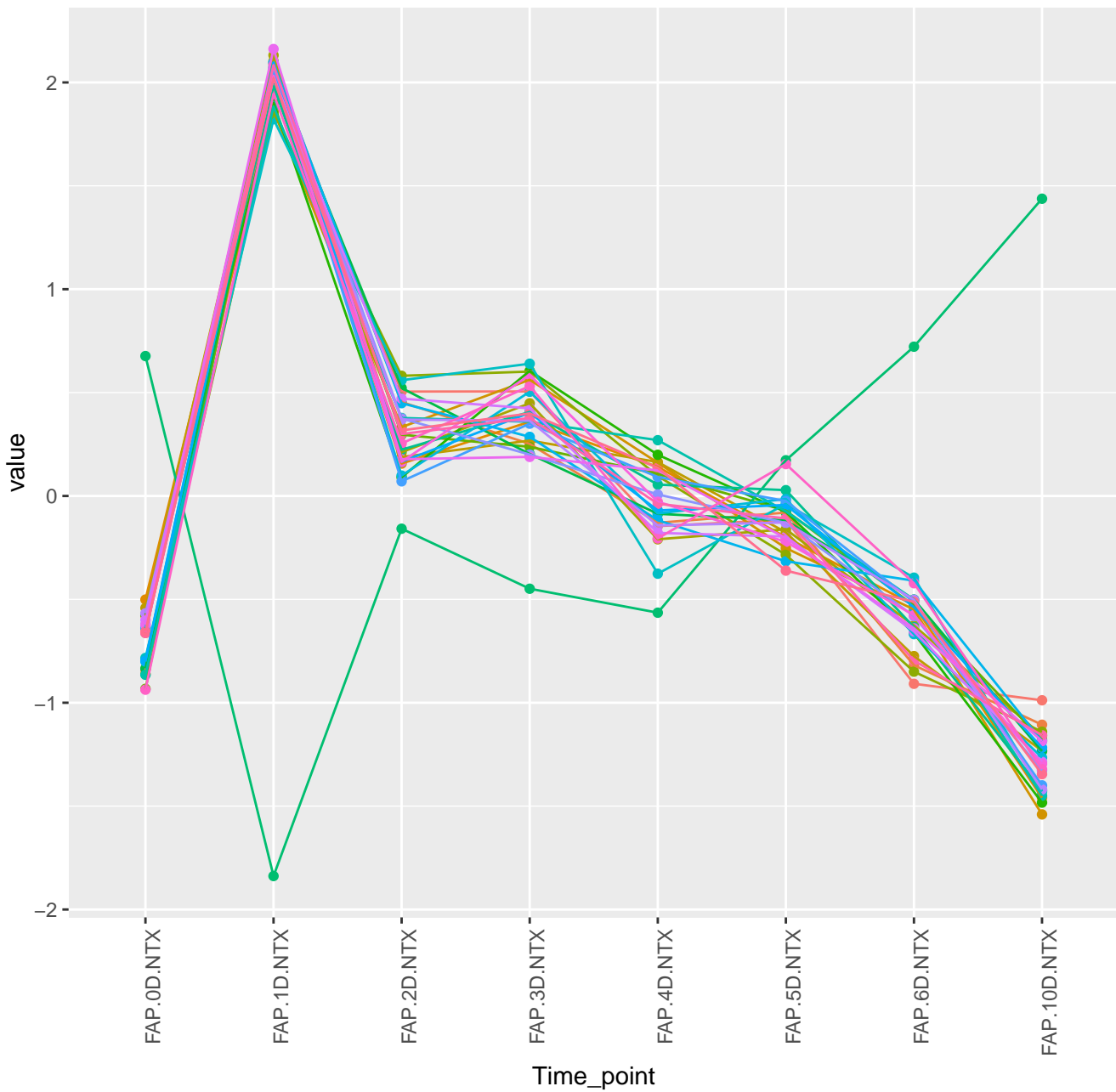
8 genes – cluster 233



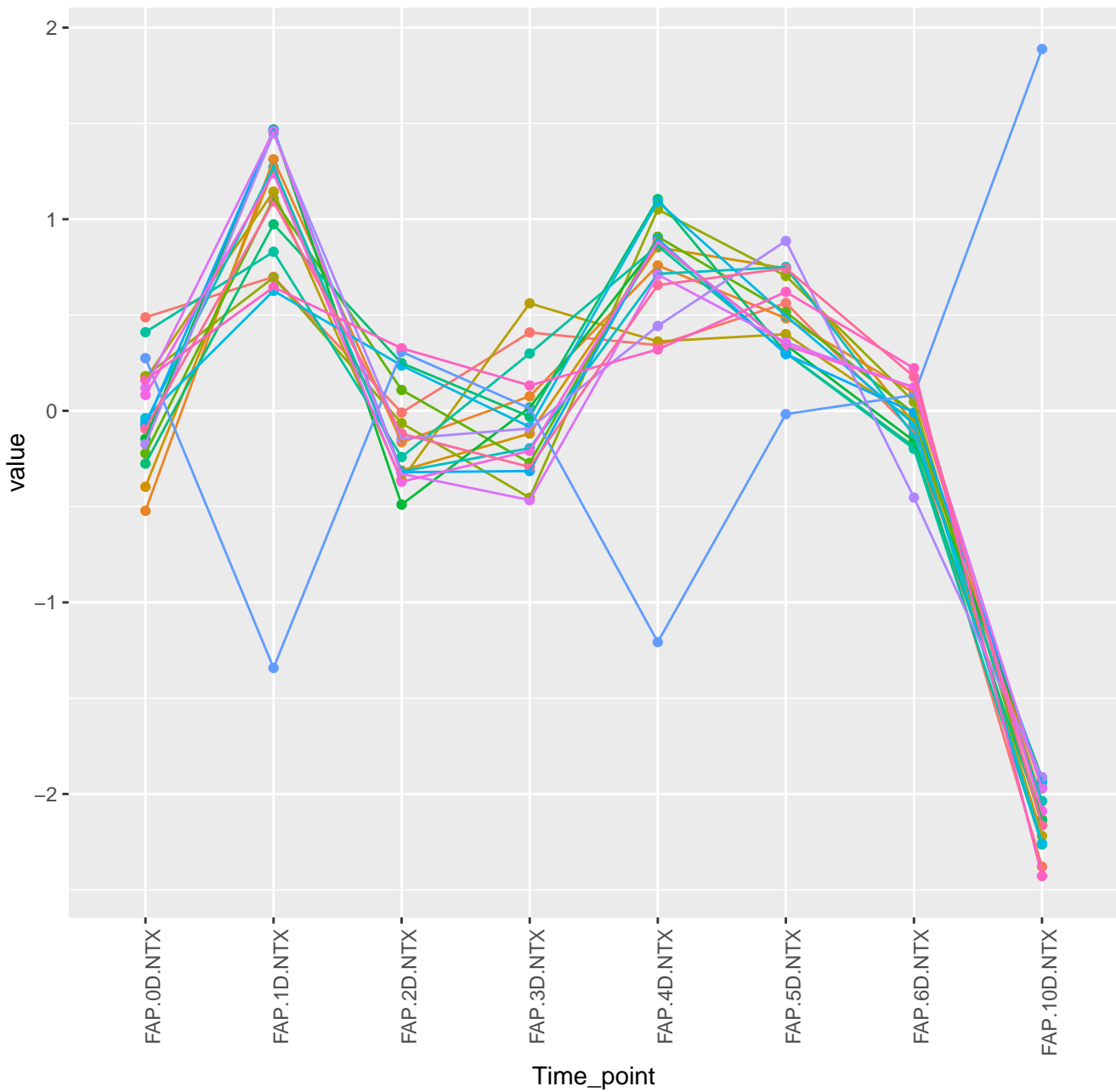
9 genes – cluster 234



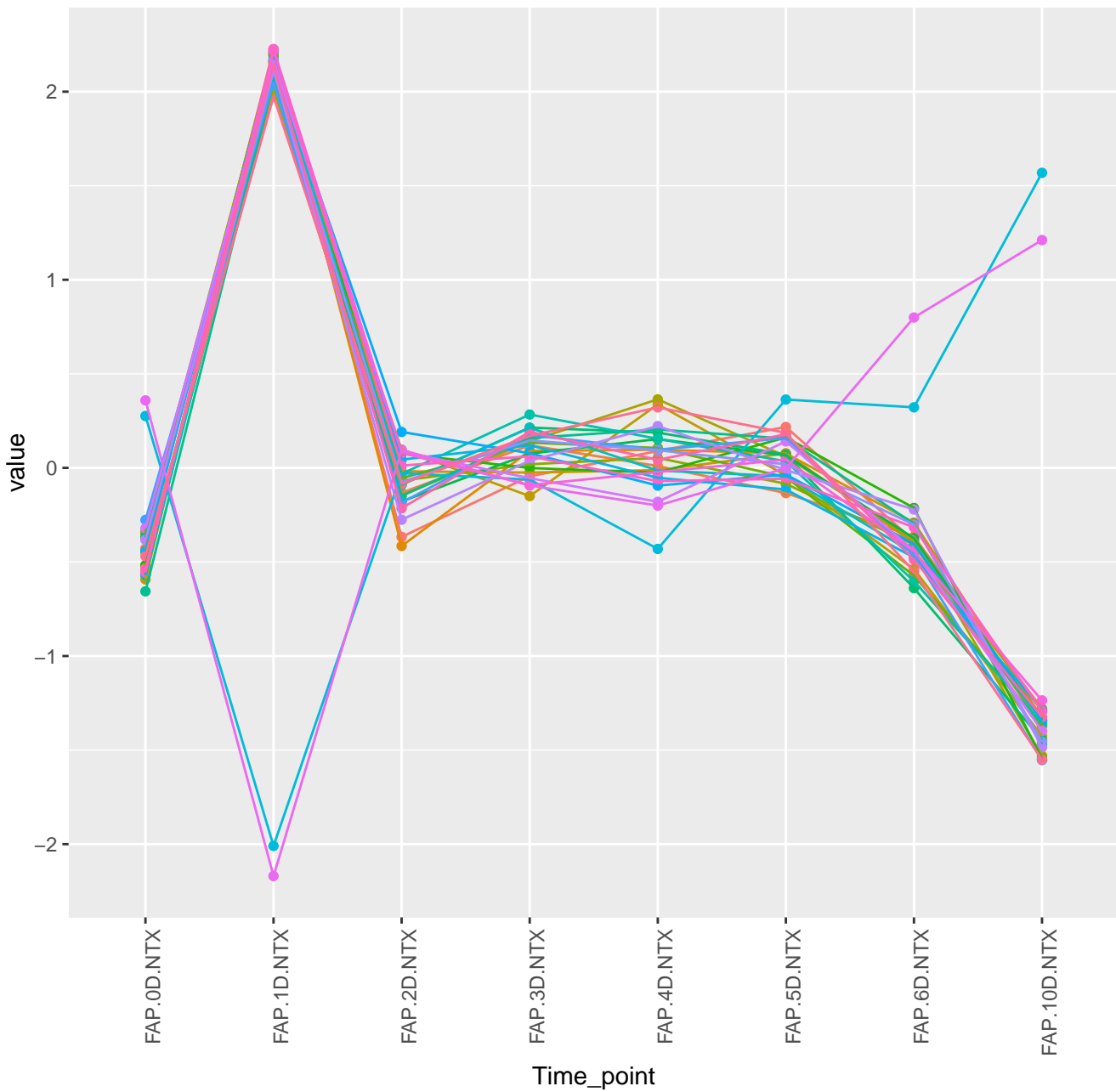
26 genes – cluster 235



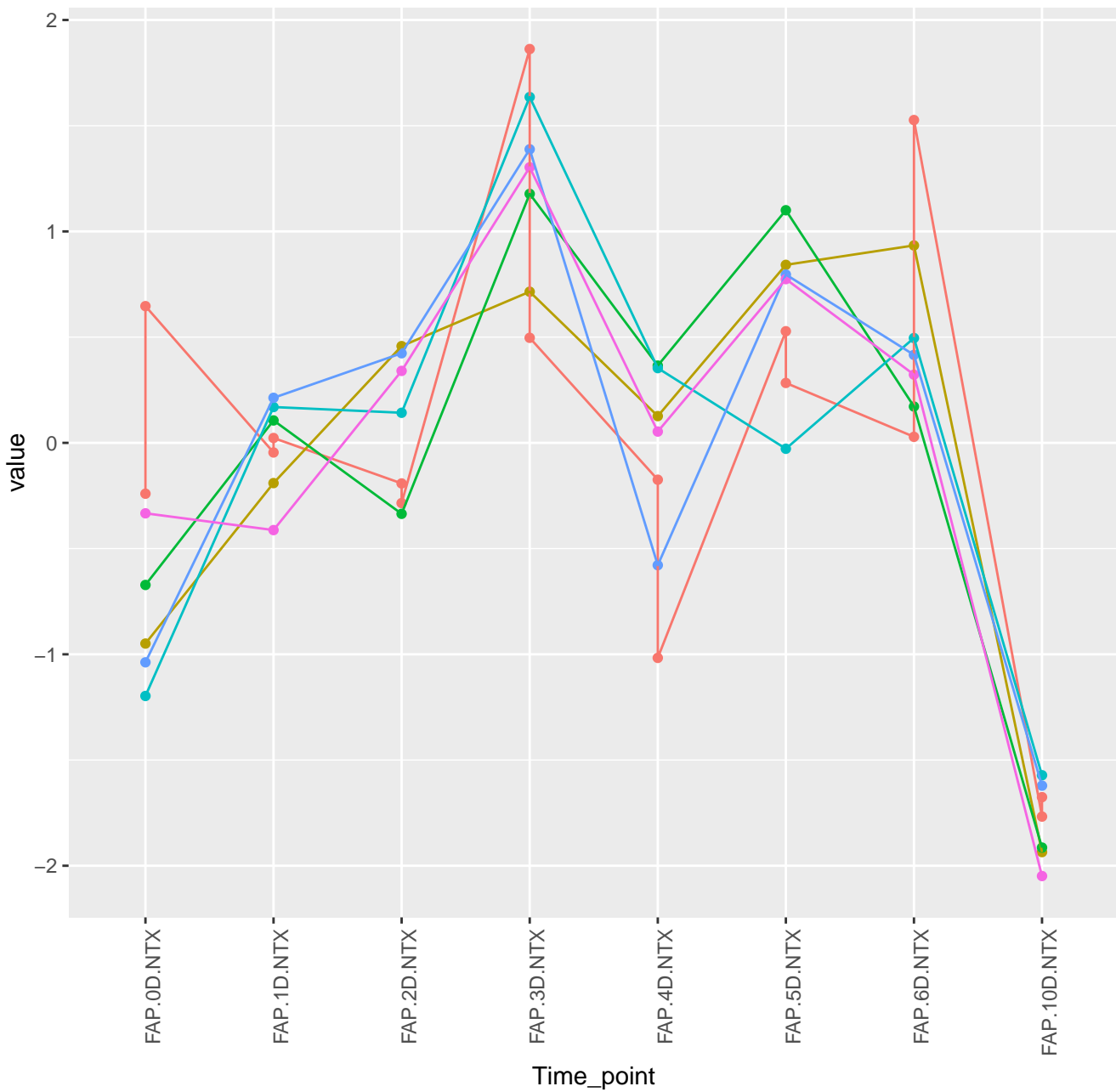
18 genes – cluster 236



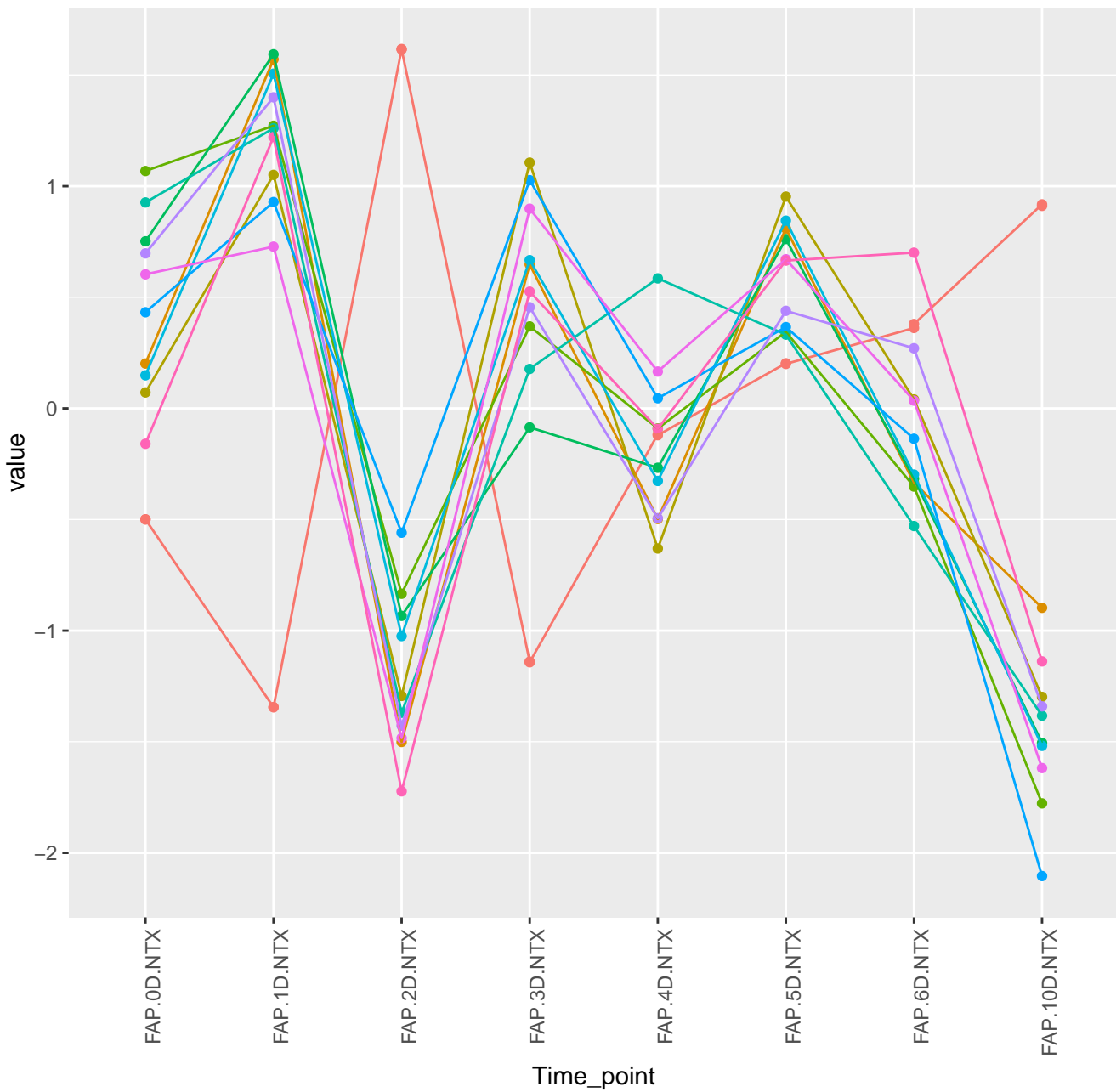
26 genes – cluster 237



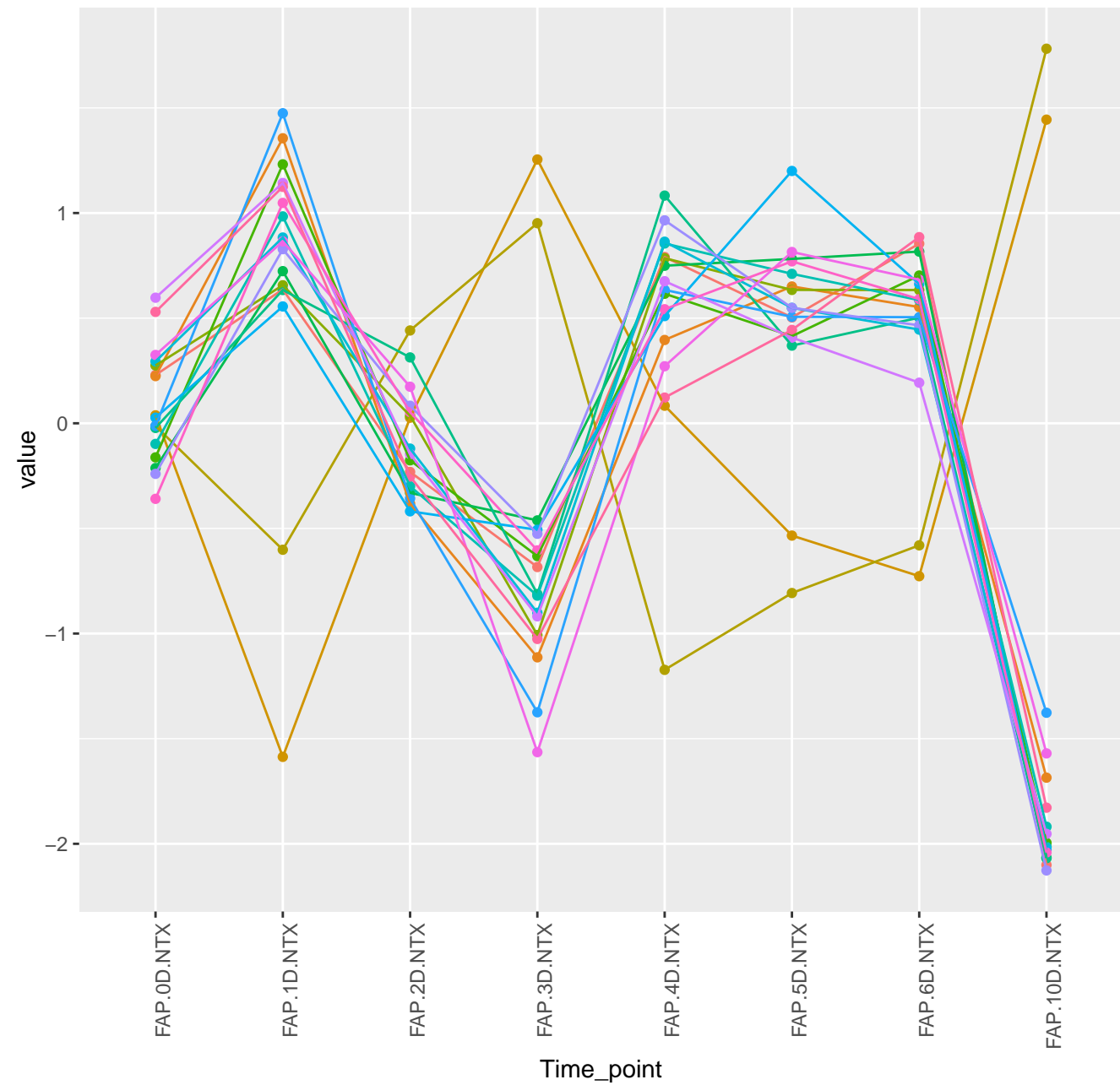
7 genes – cluster 238



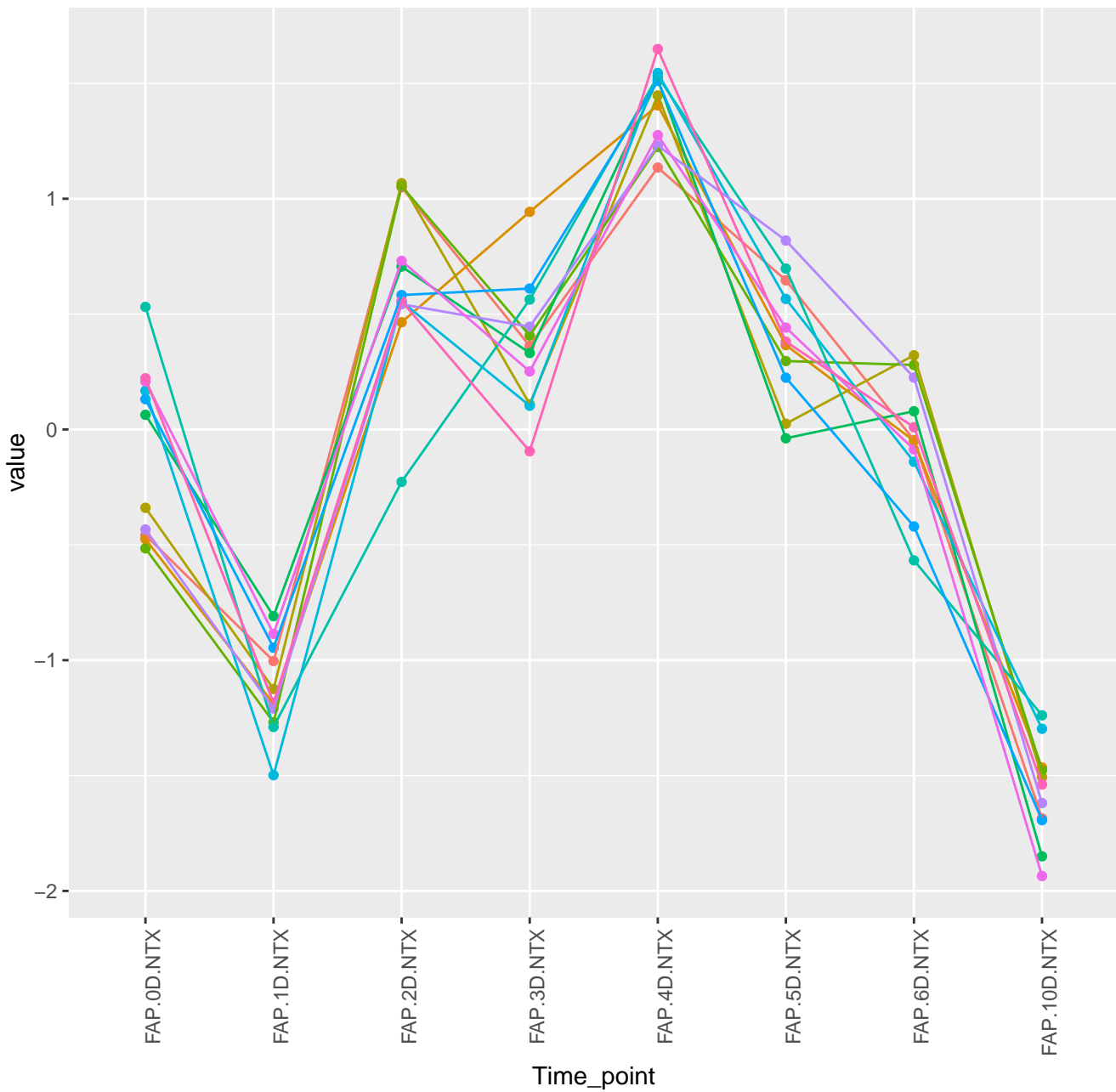
12 genes – cluster 239



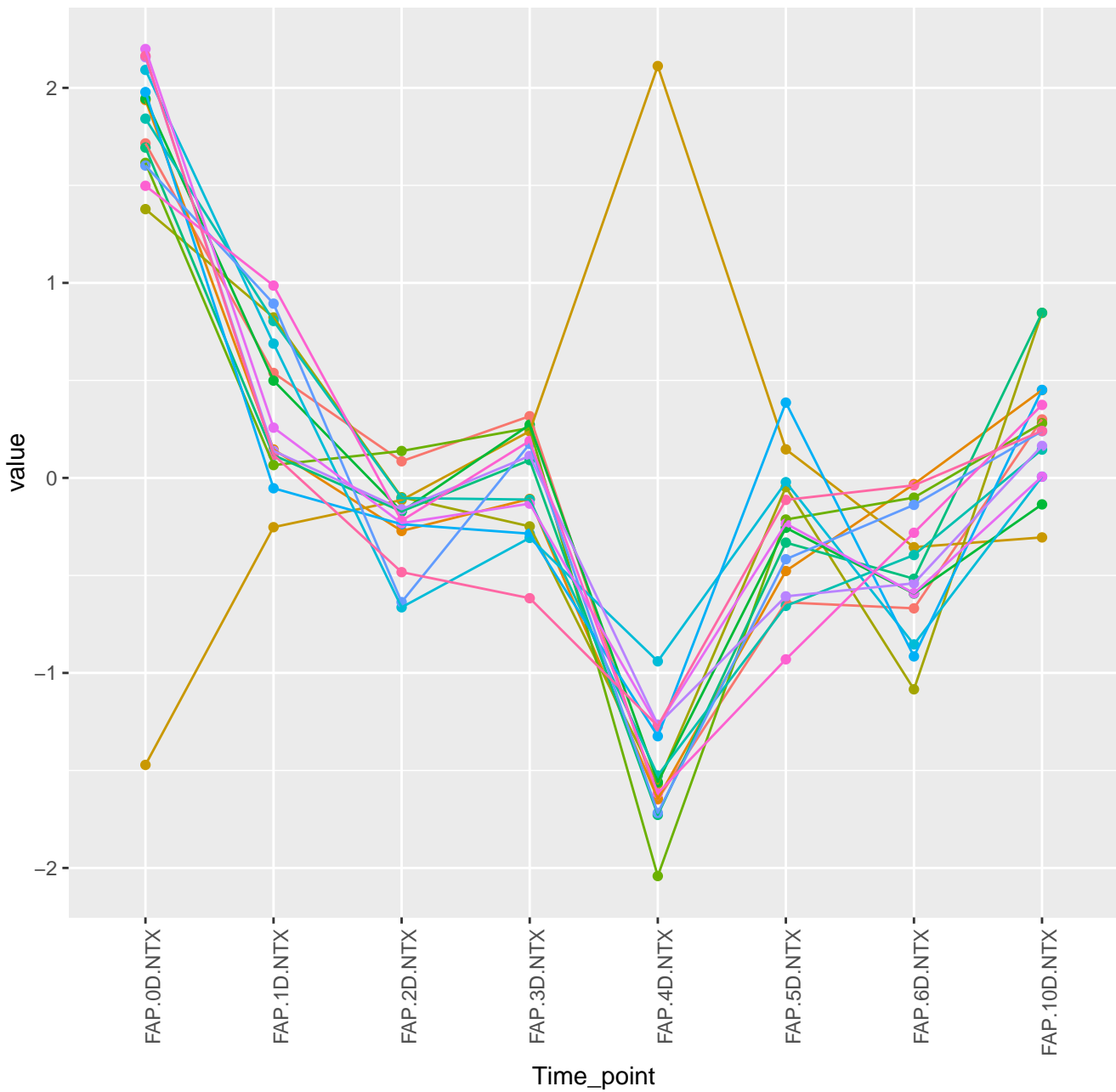
17 genes – cluster 240



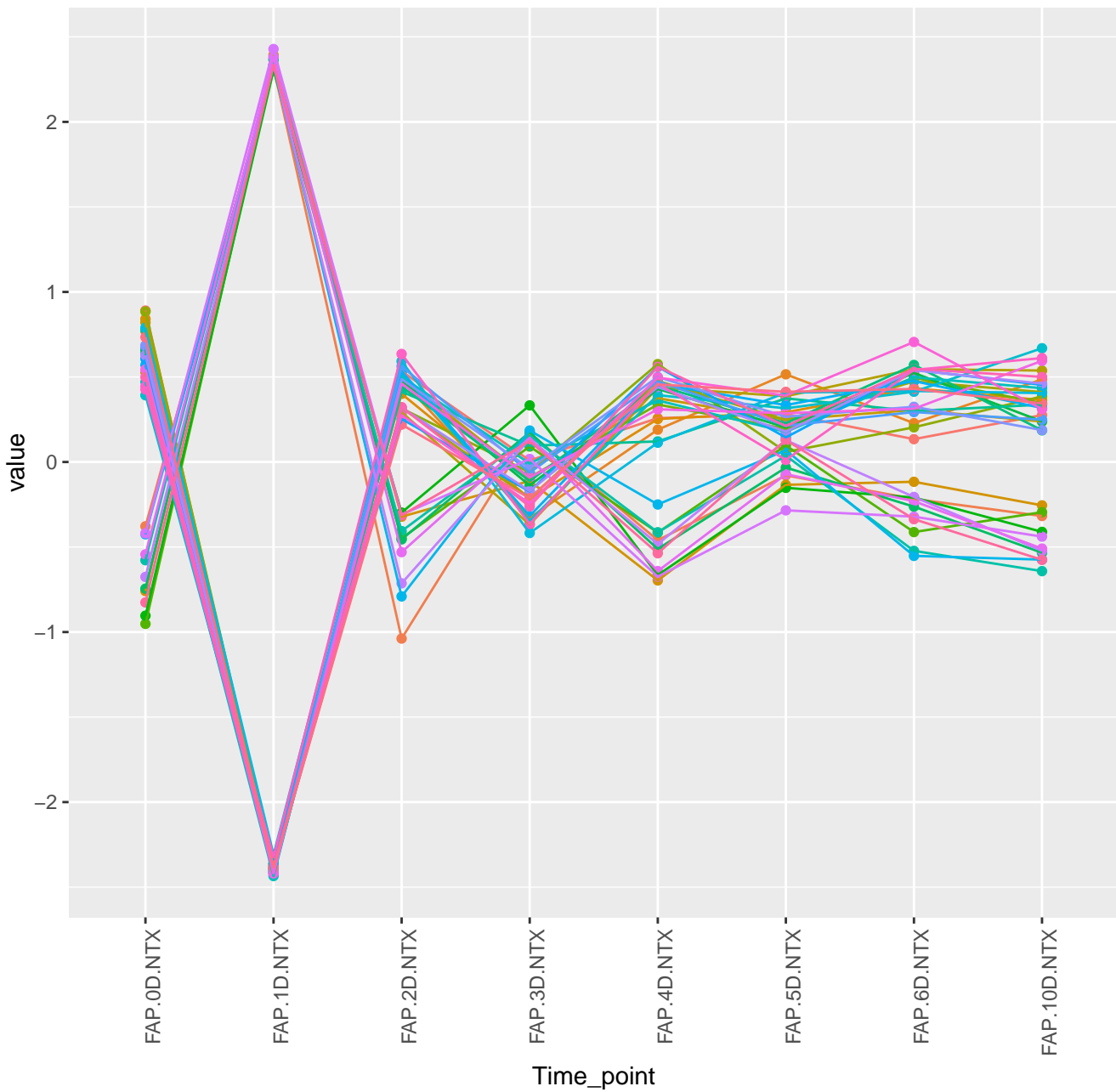
11 genes – cluster 242



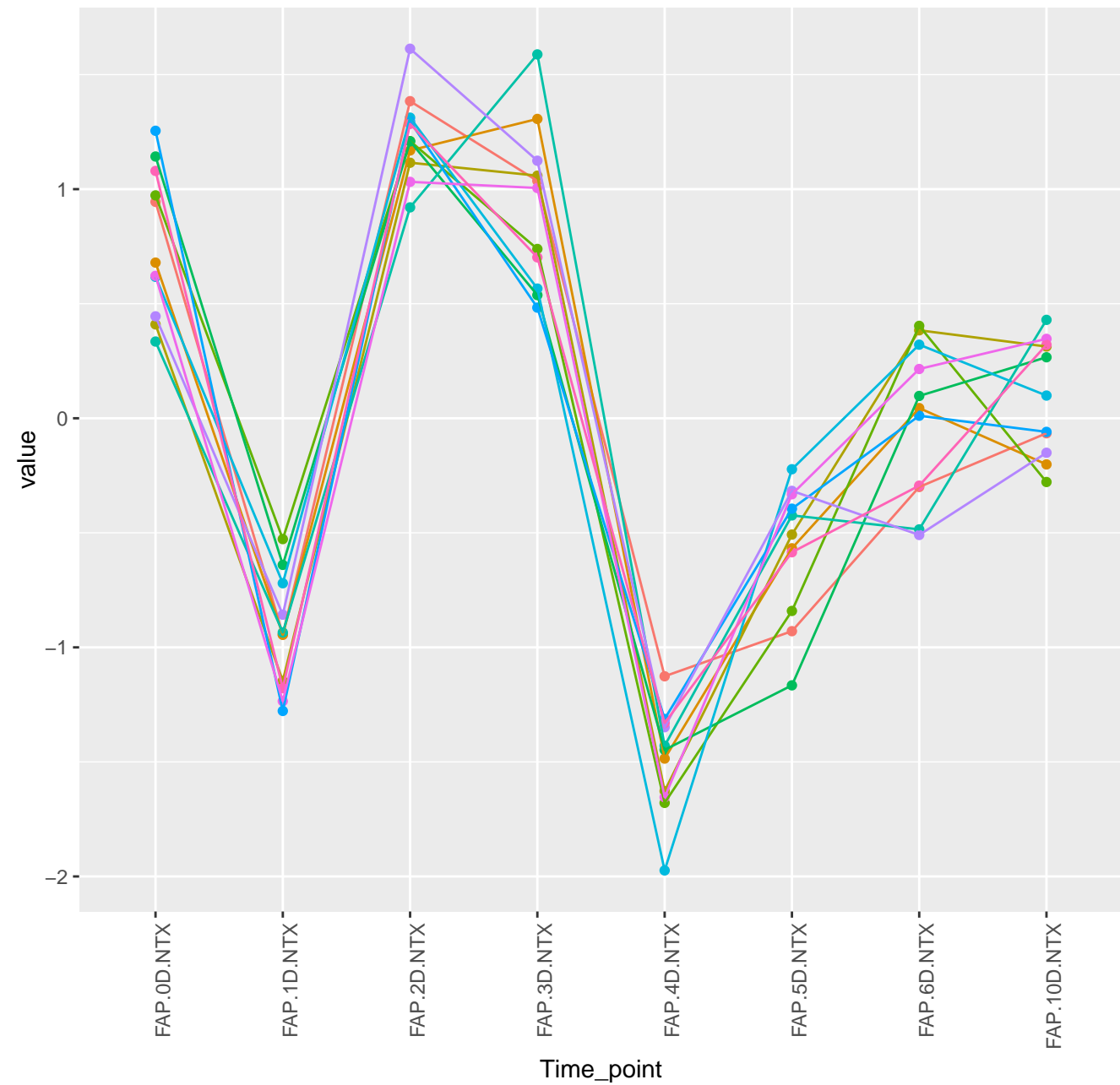
15 genes – cluster 243



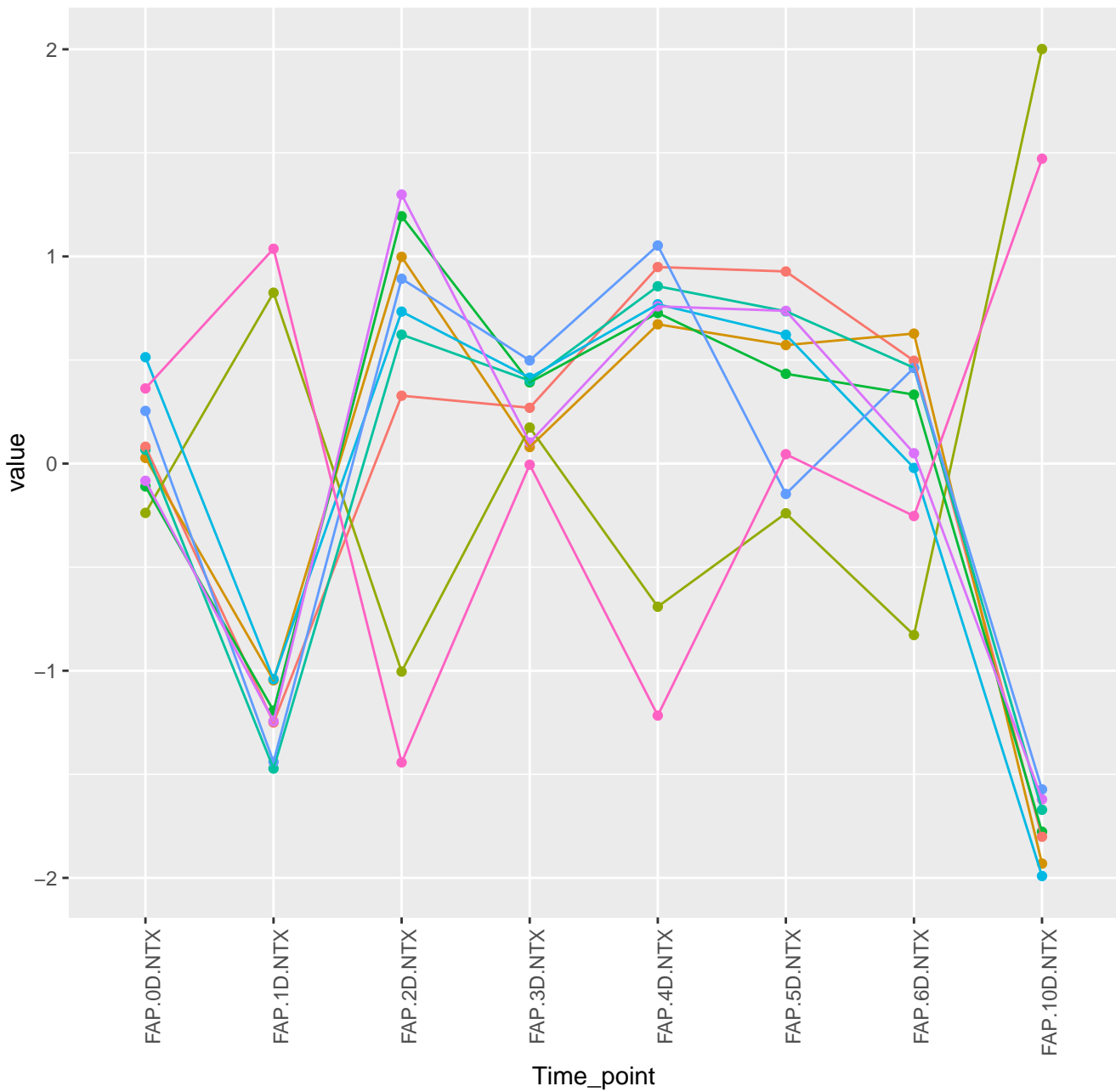
35 genes – cluster 244



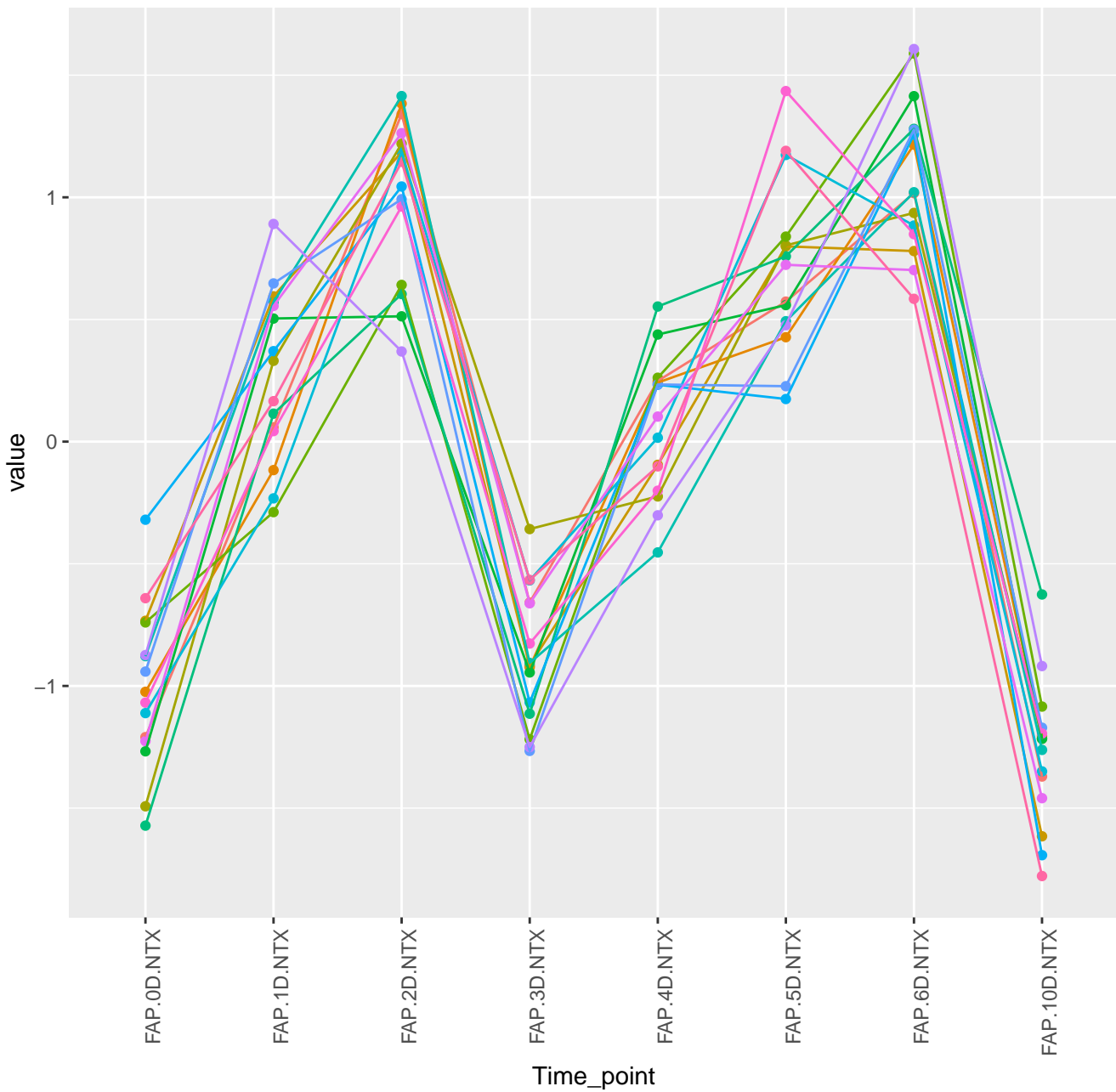
11 genes – cluster 245



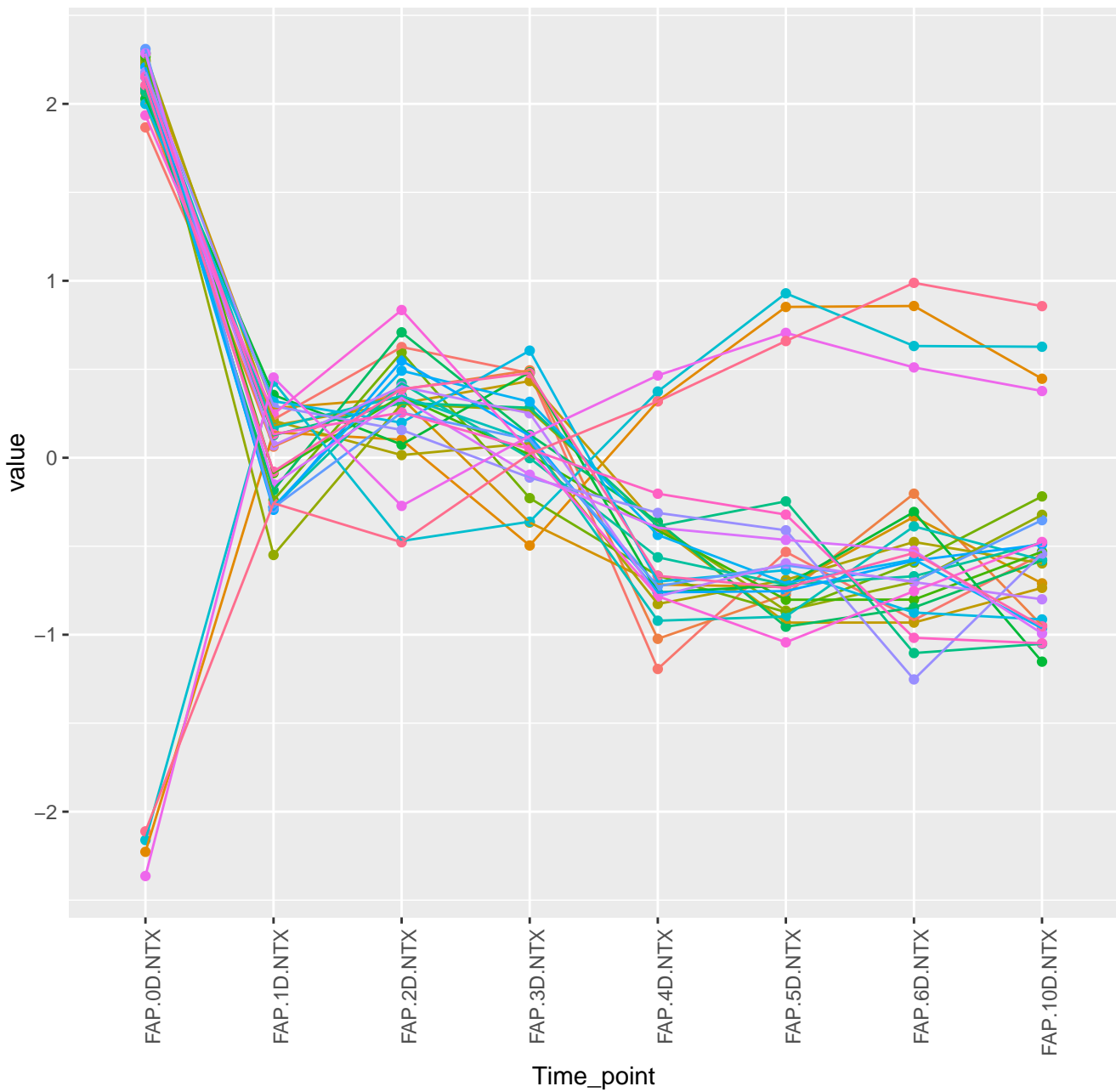
9 genes – cluster 247



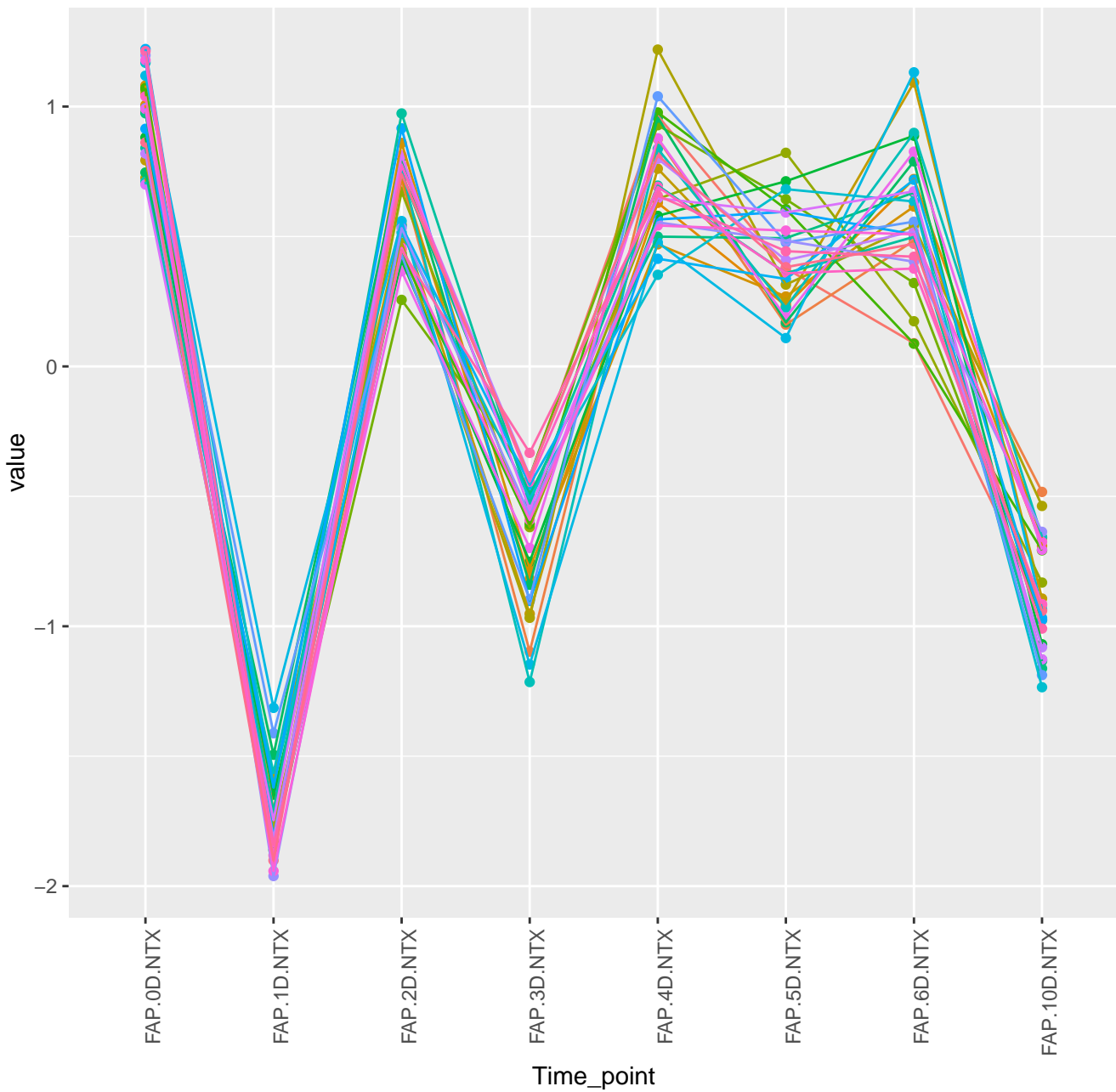
15 genes – cluster 248



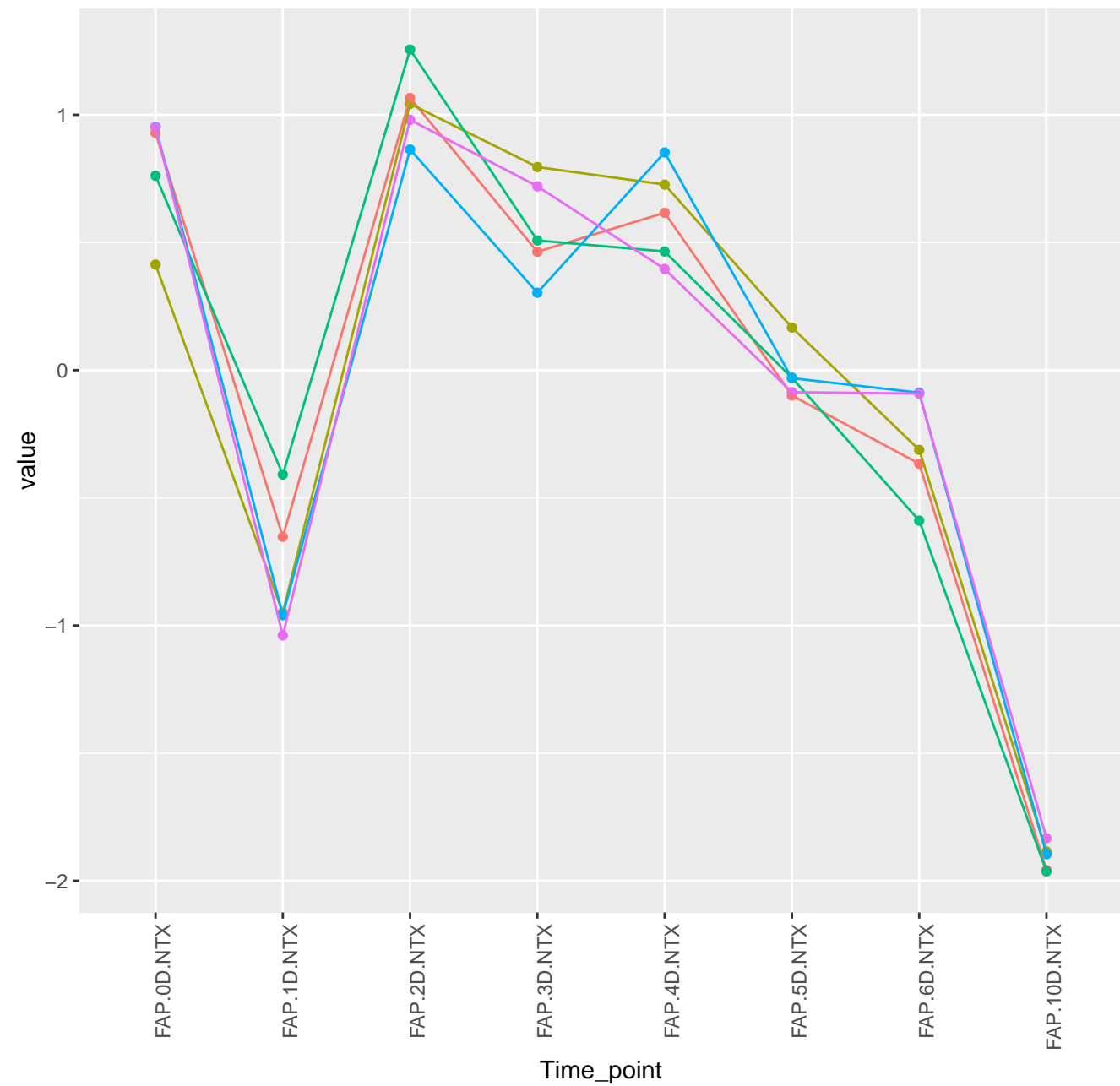
27 genes – cluster 249



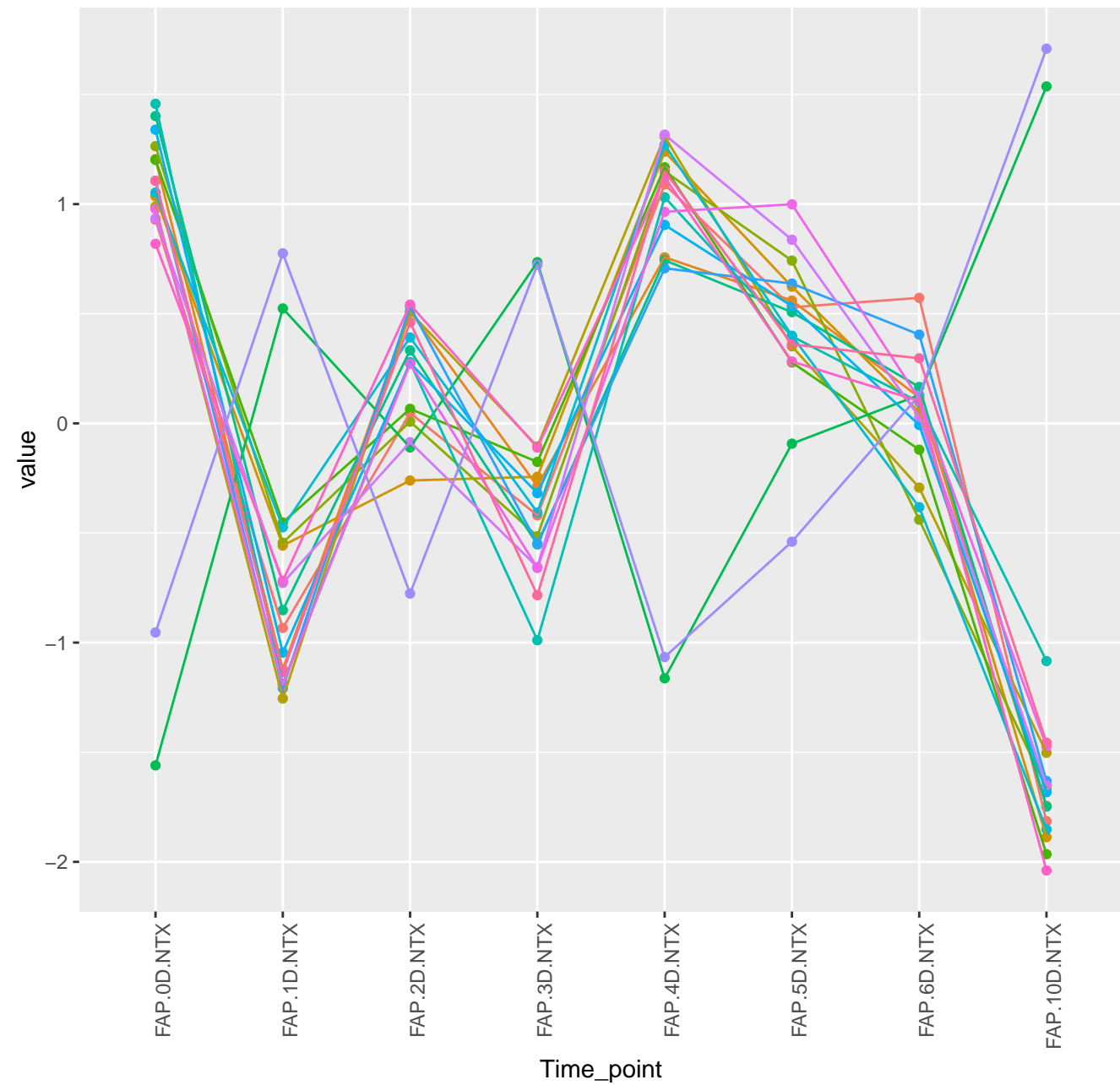
27 genes – cluster 250



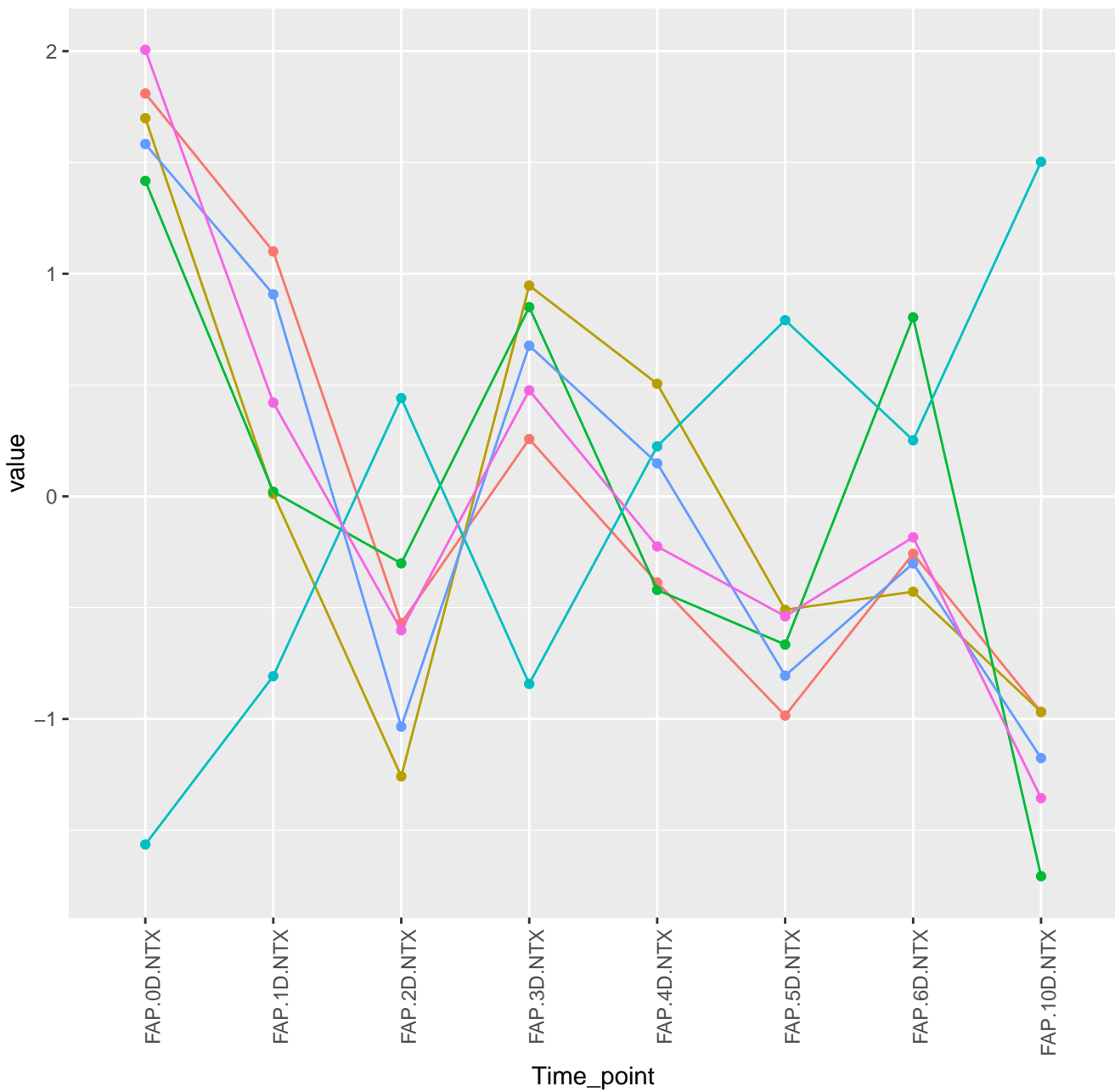
5 genes – cluster 251



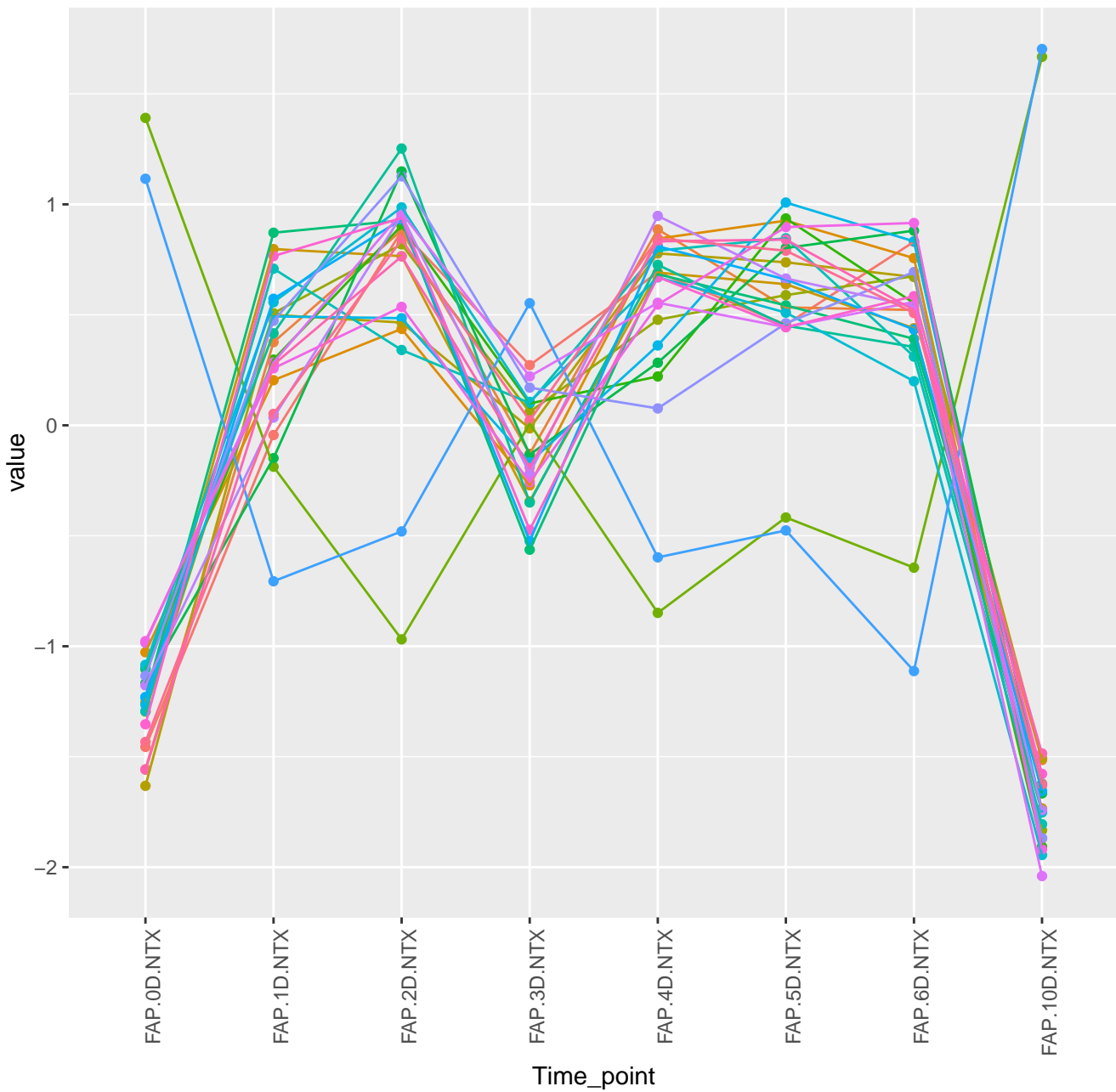
17 genes – cluster 252



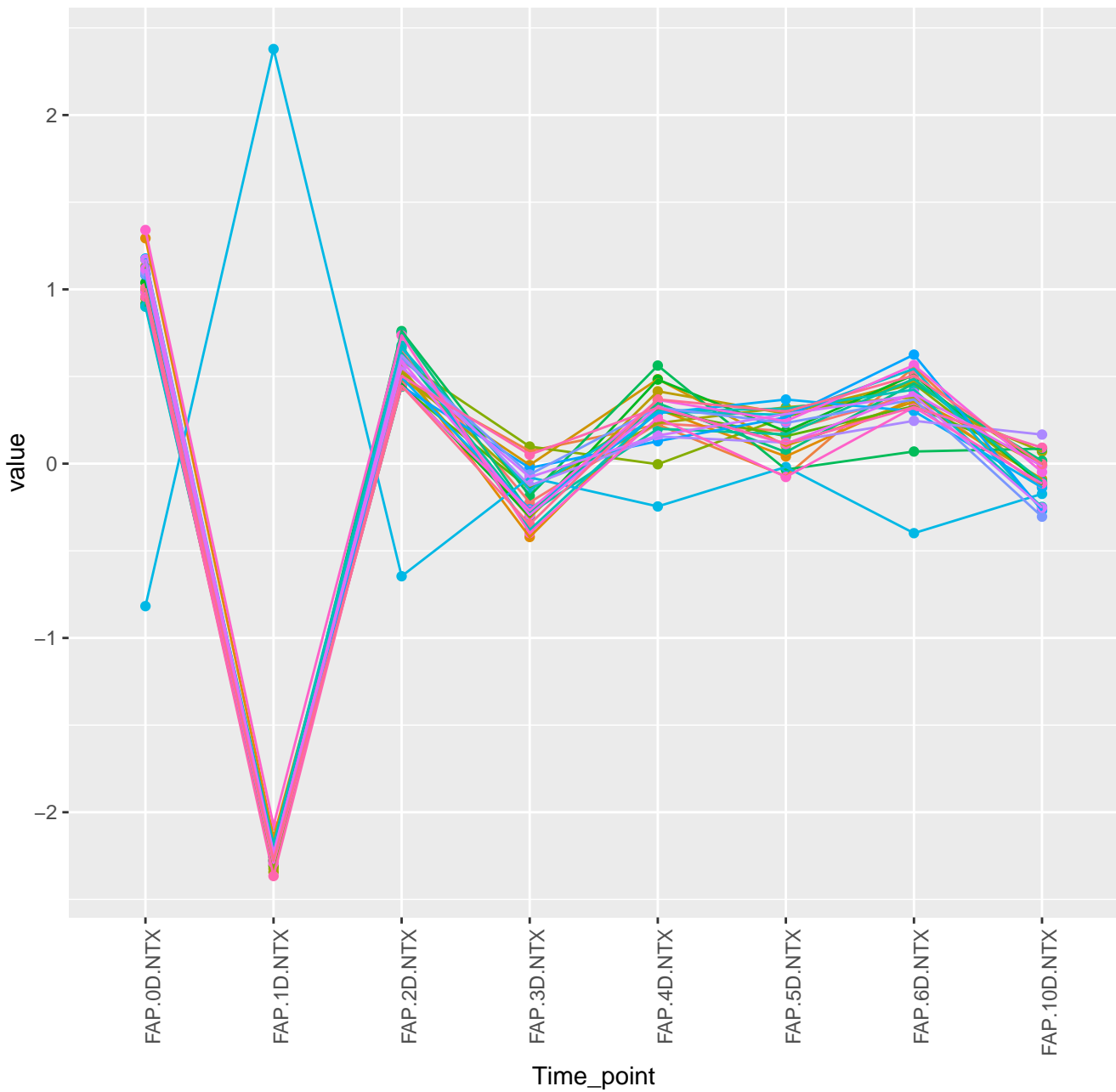
6 genes – cluster 253



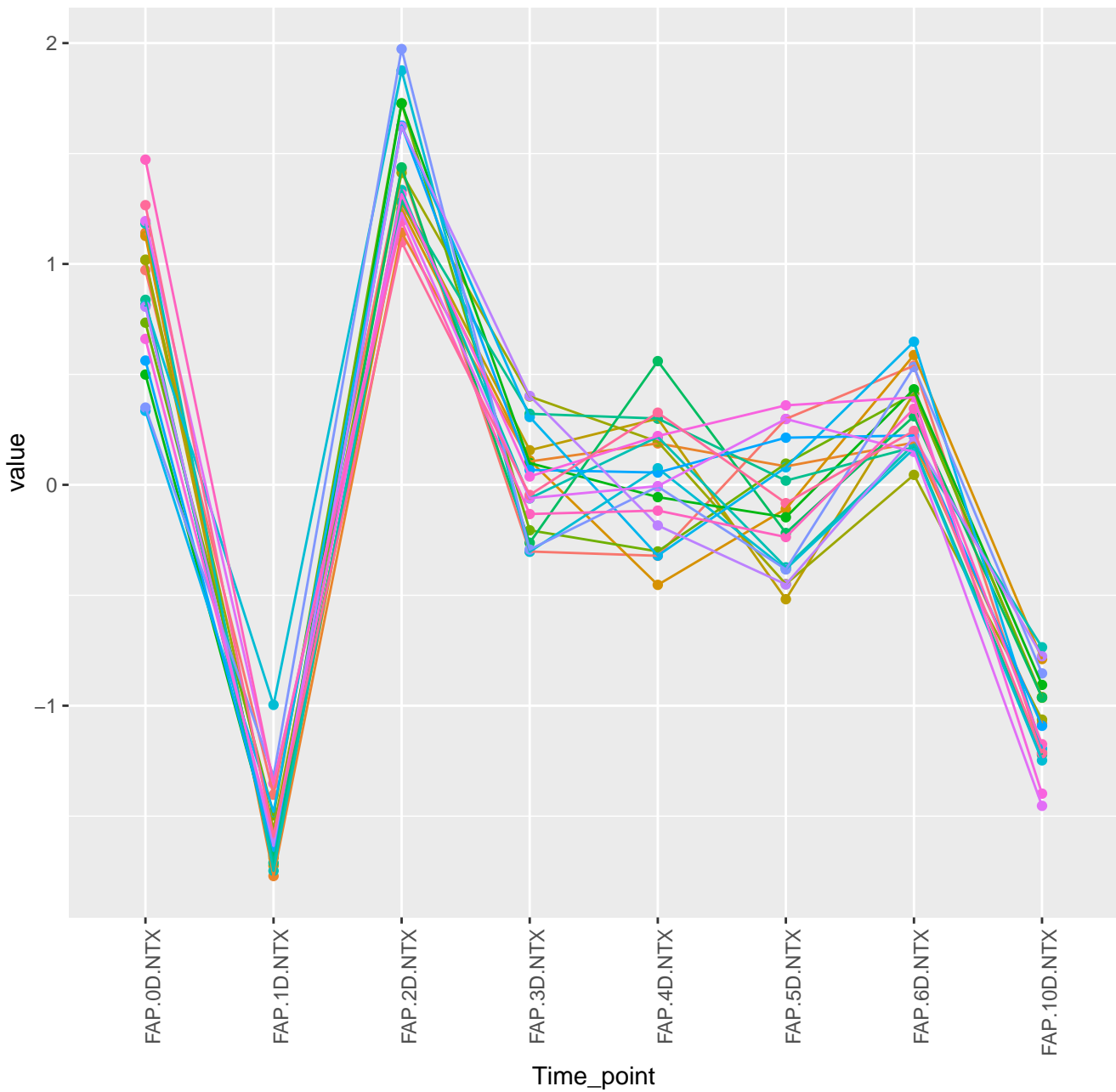
23 genes – cluster 254



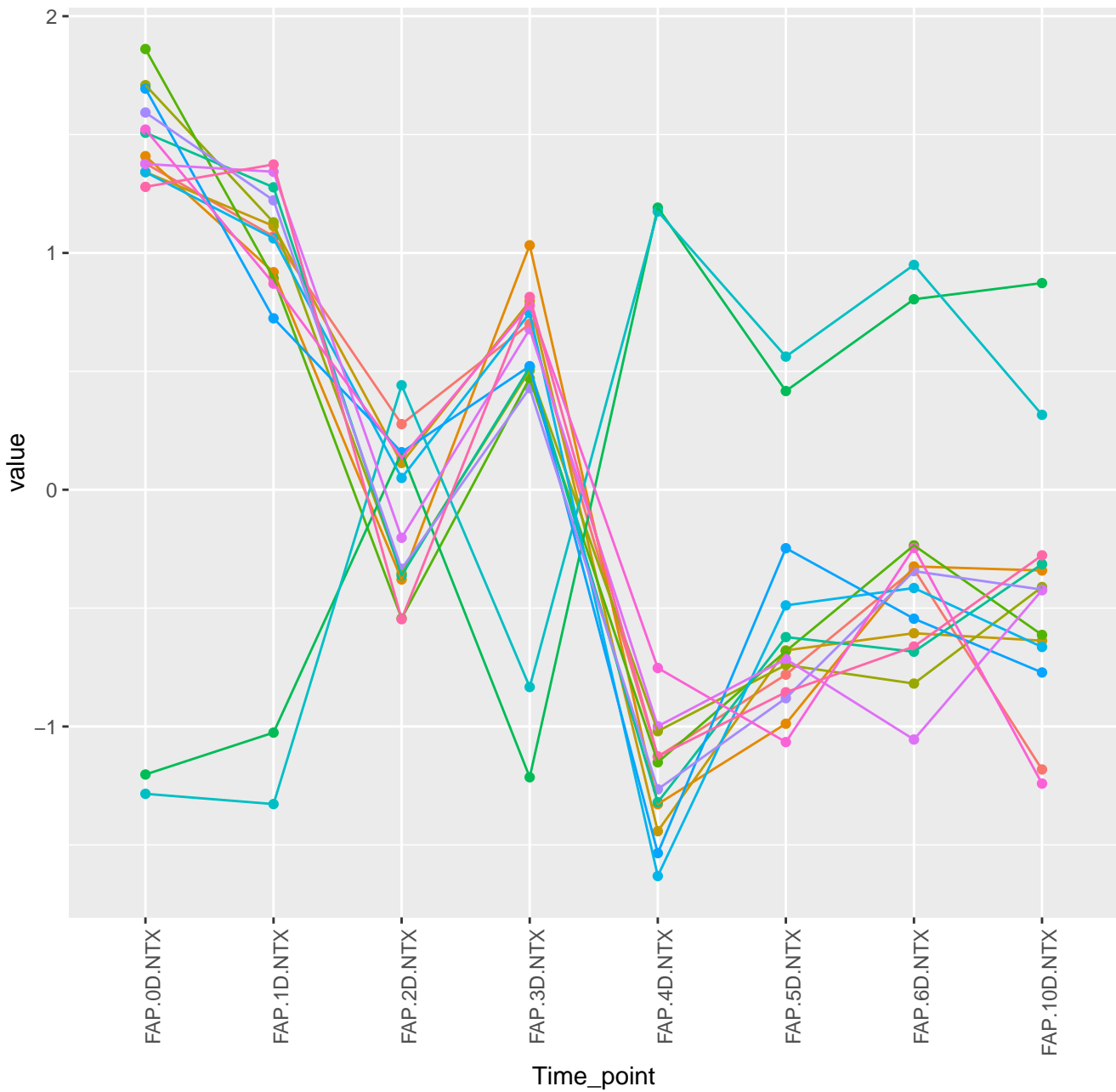
25 genes – cluster 255



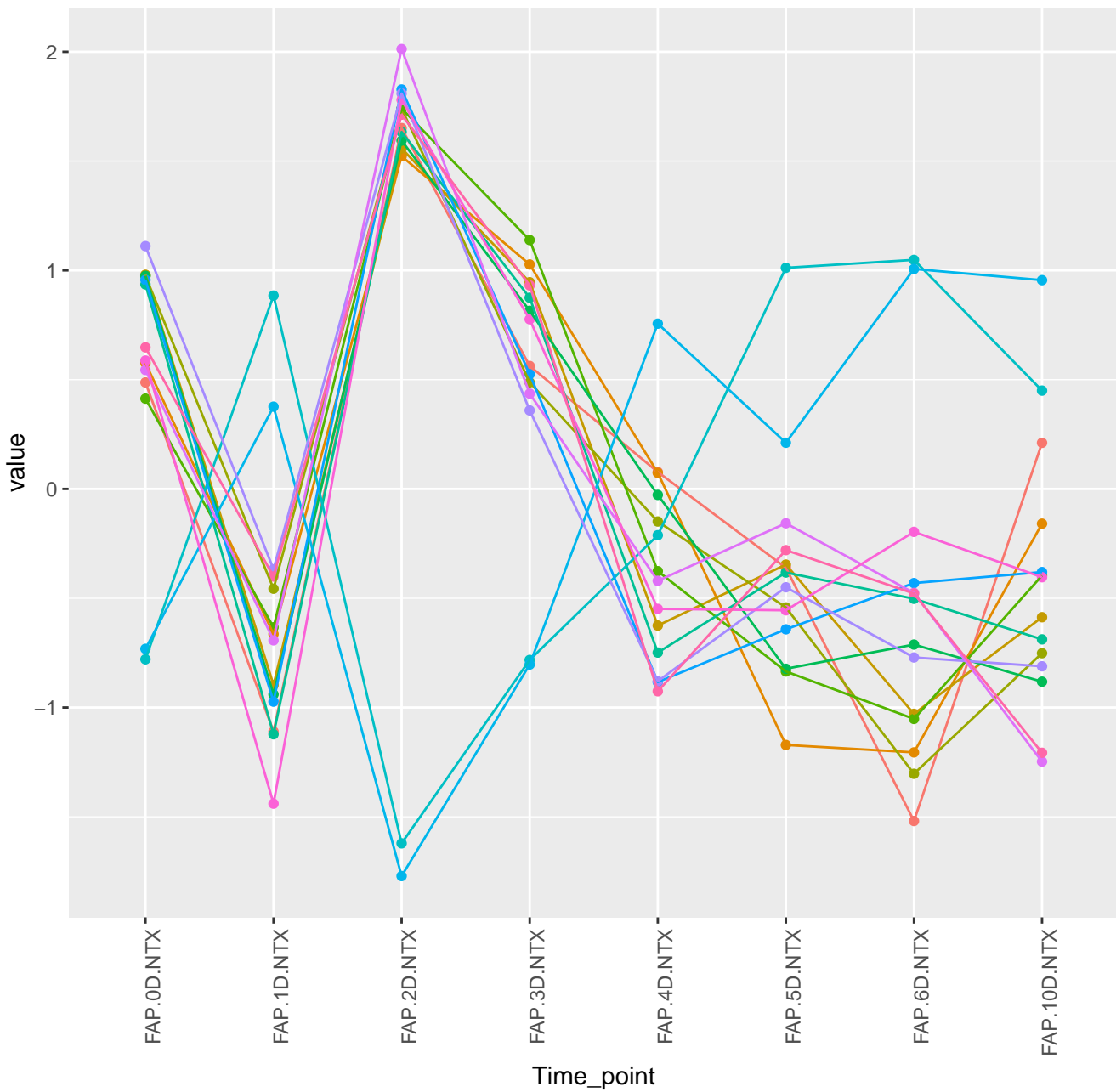
19 genes – cluster 256



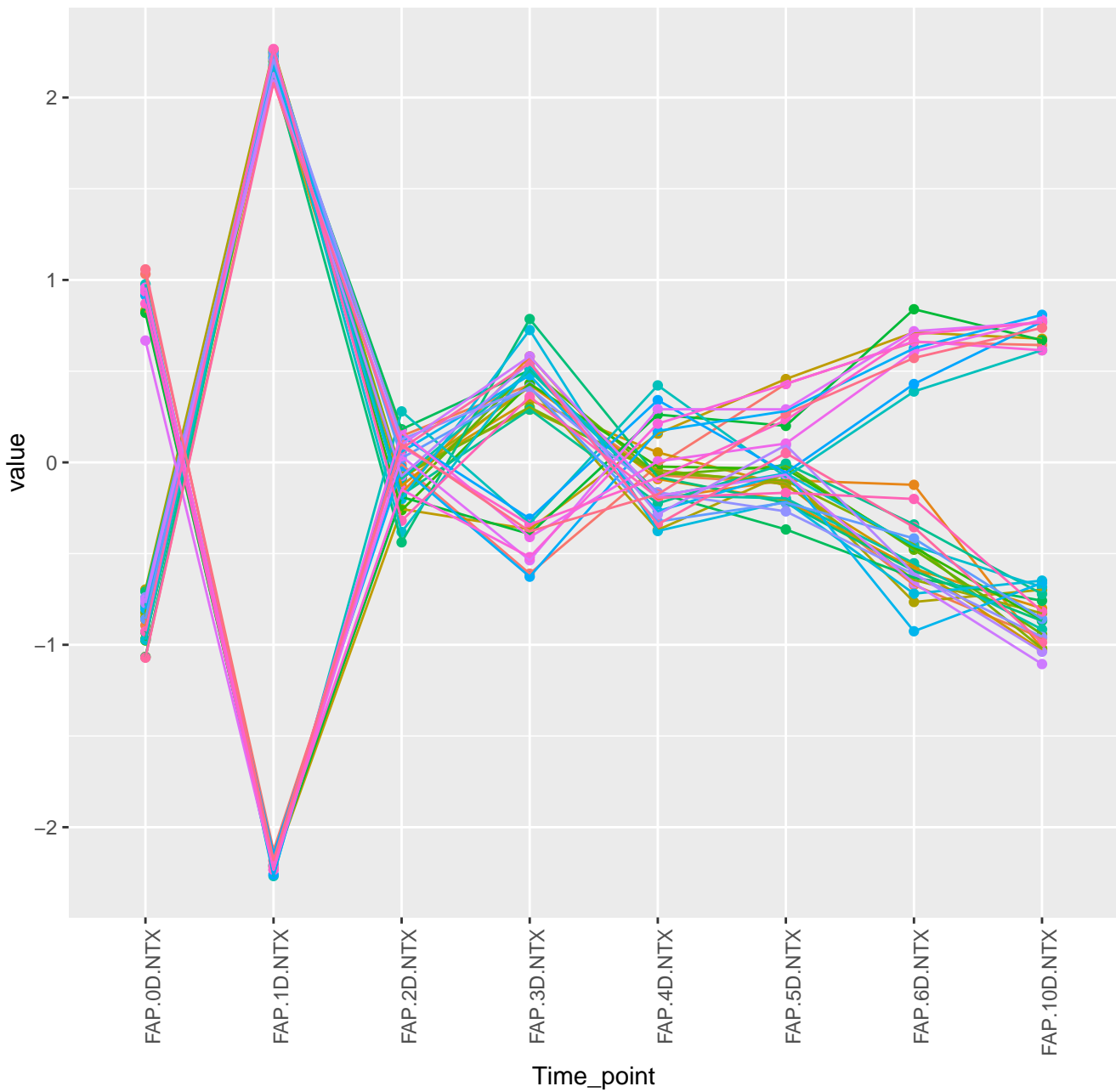
14 genes – cluster 257



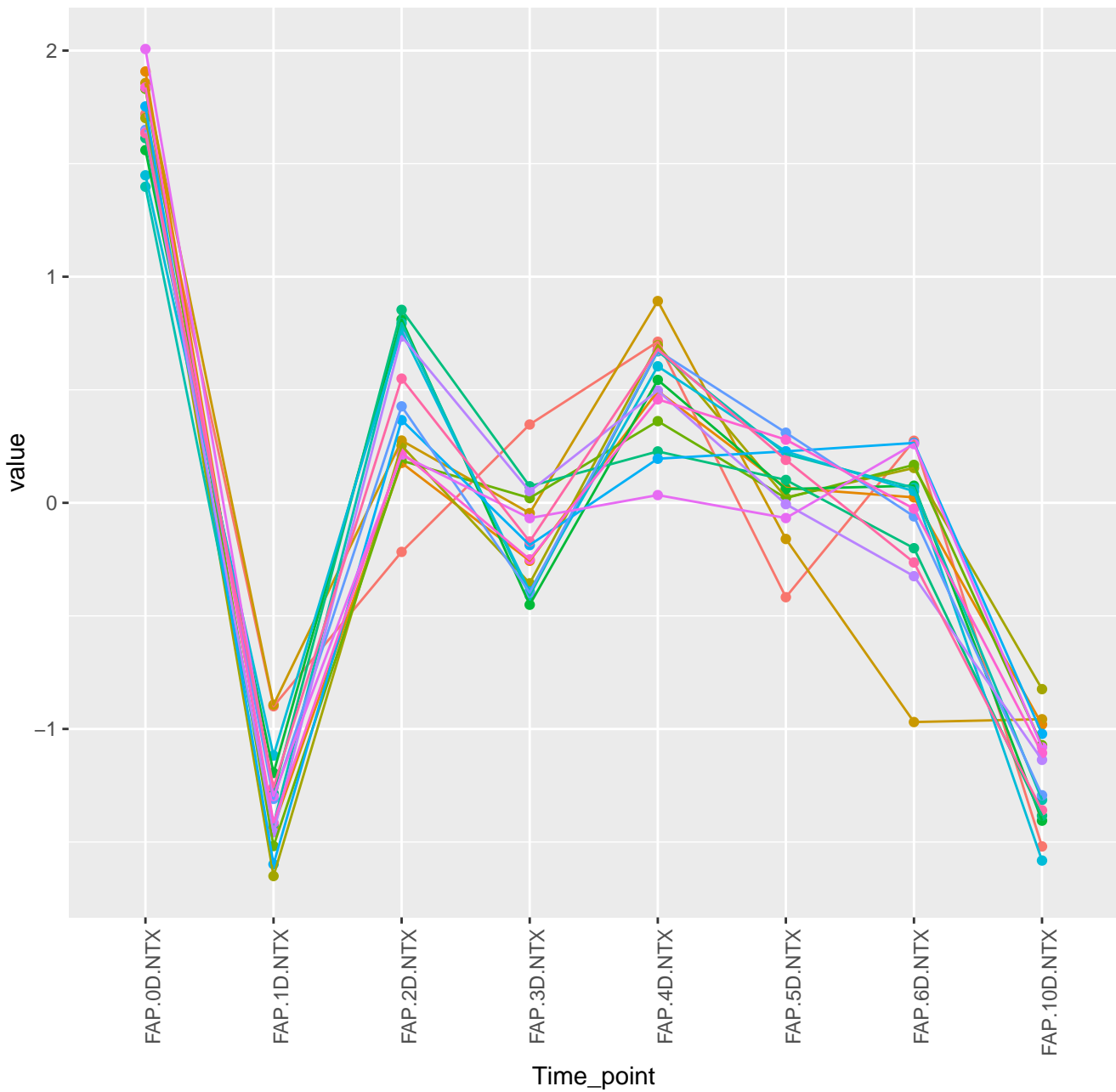
14 genes – cluster 258



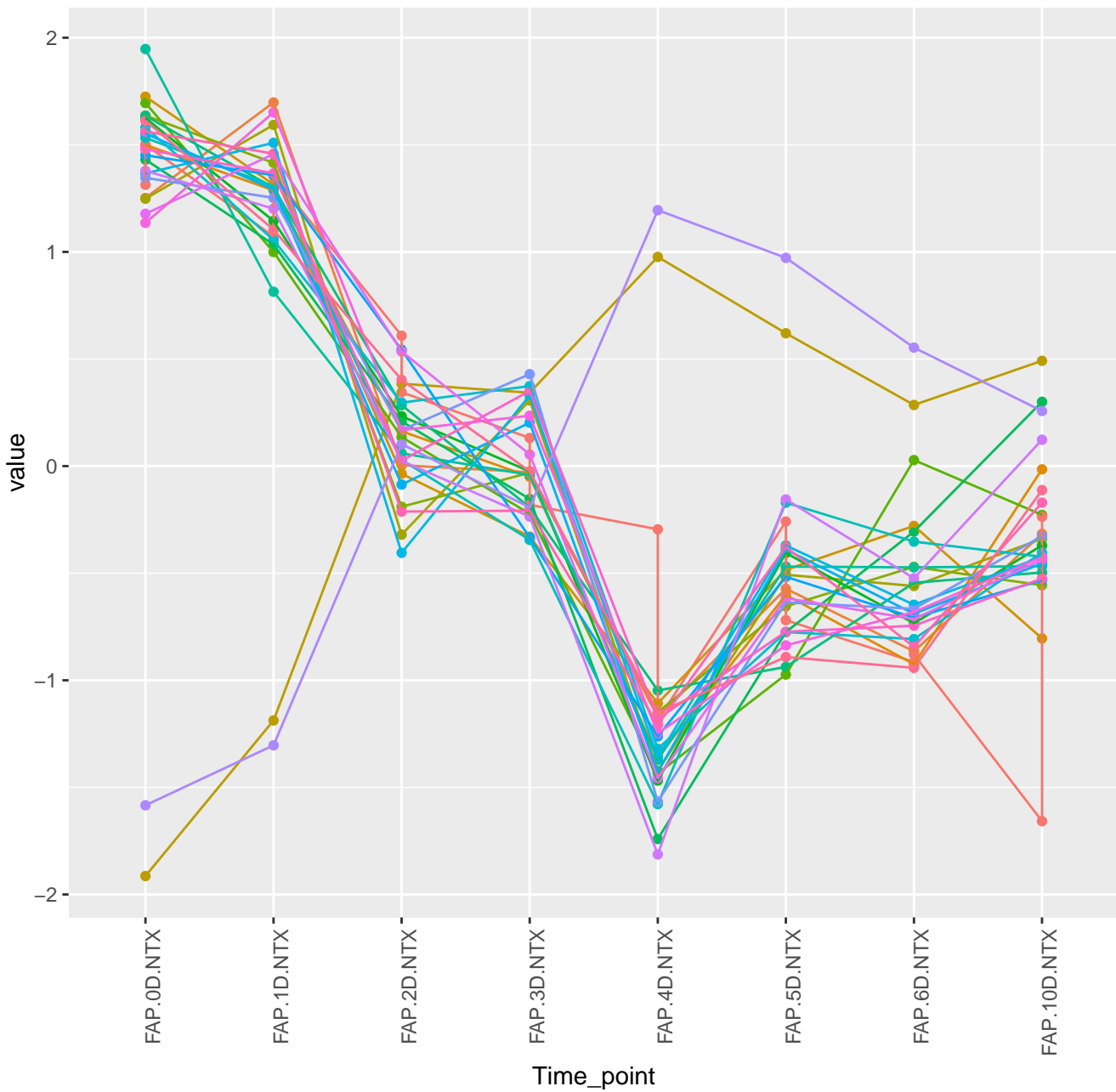
33 genes – cluster 259



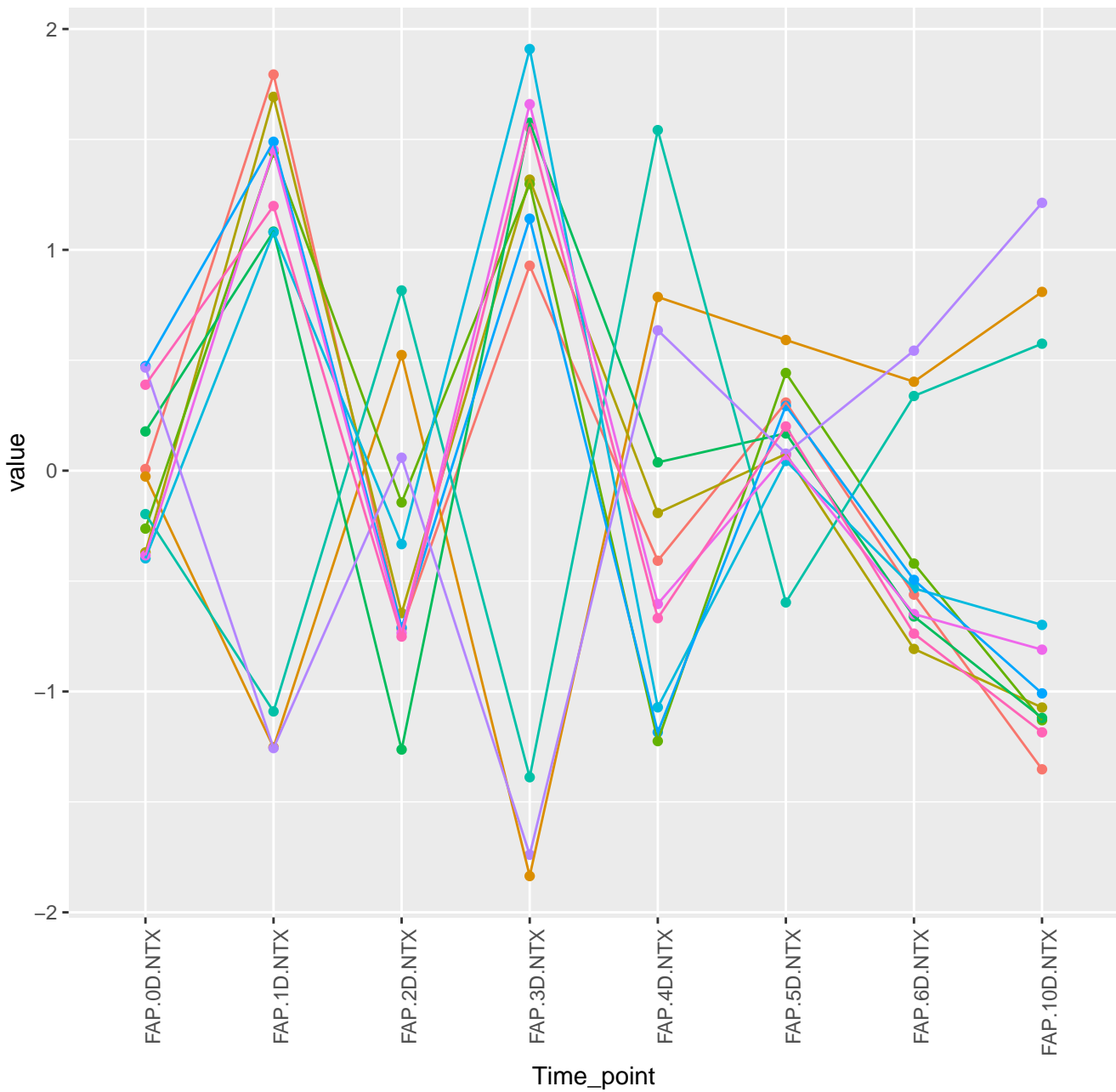
15 genes – cluster 260



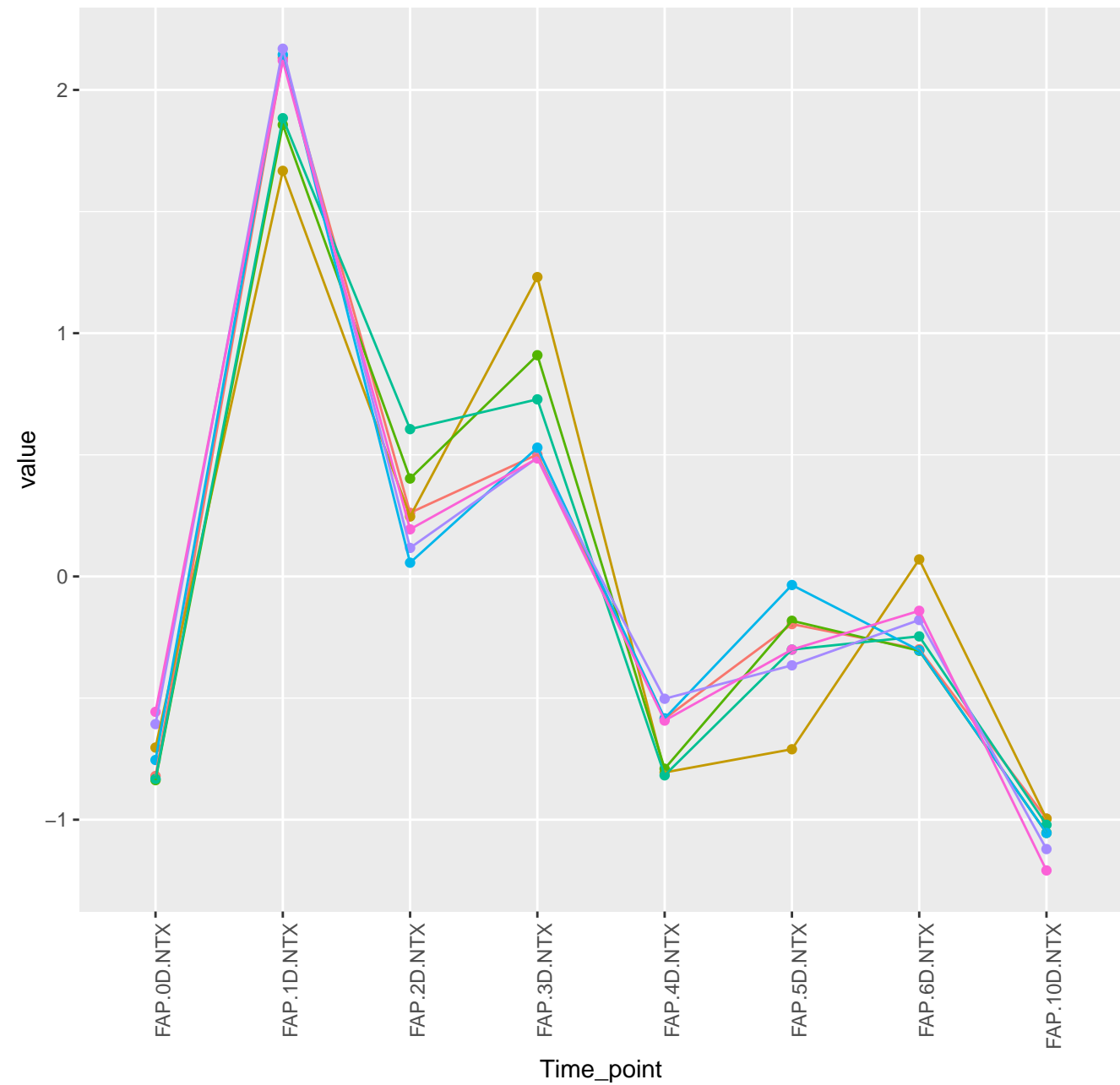
26 genes – cluster 261



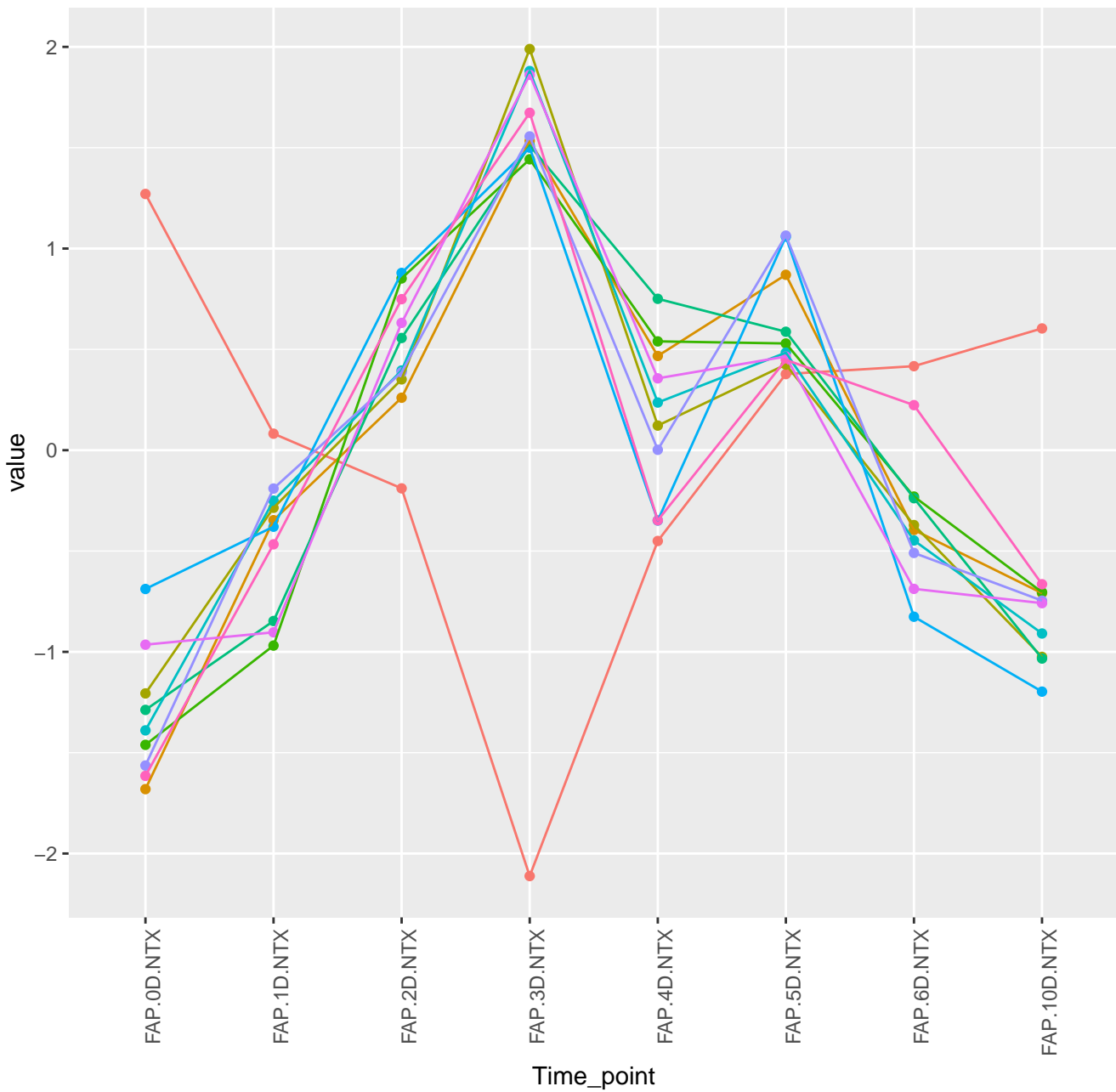
11 genes – cluster 262



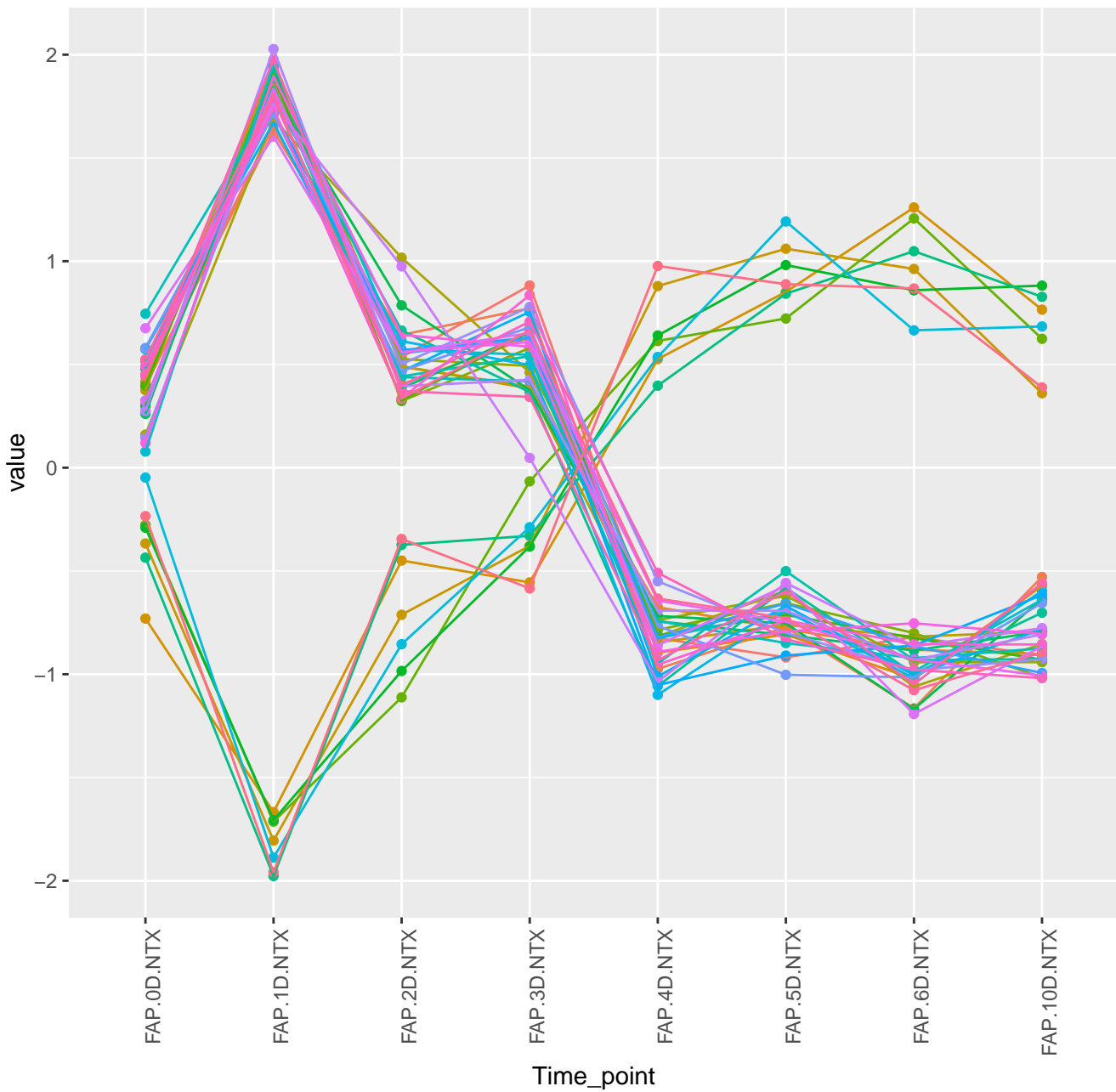
7 genes – cluster 263



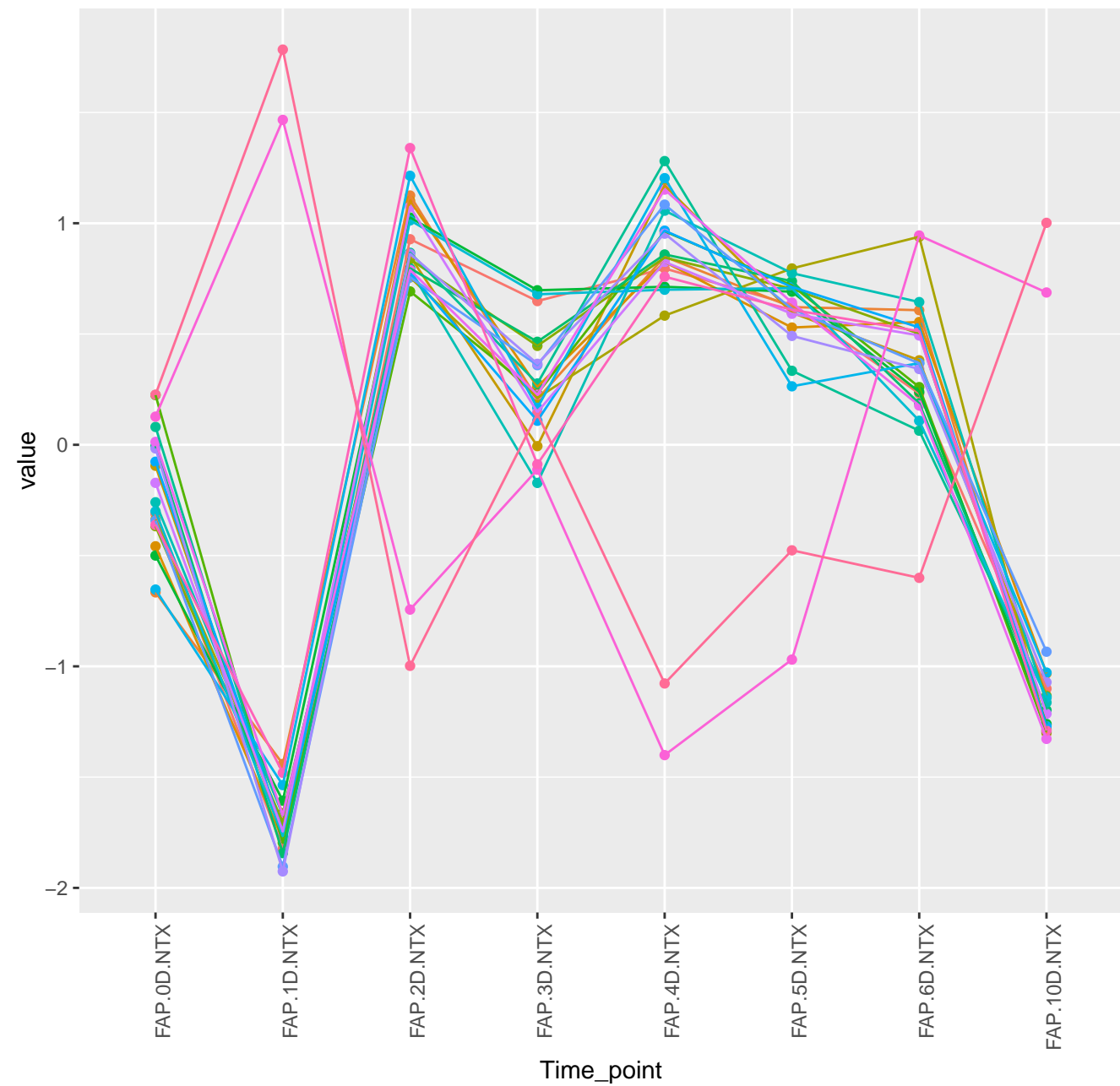
10 genes – cluster 265



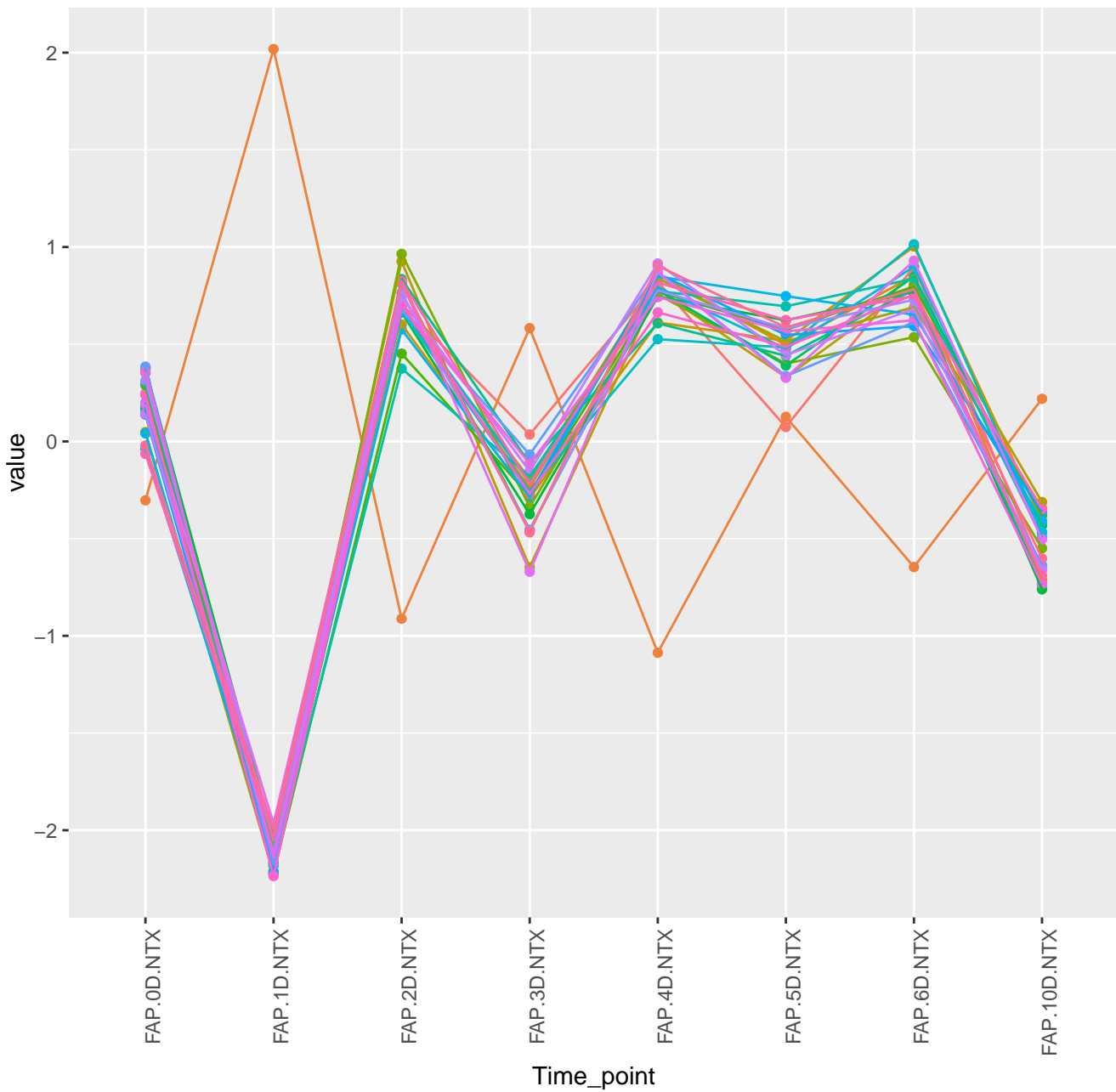
37 genes – cluster 266



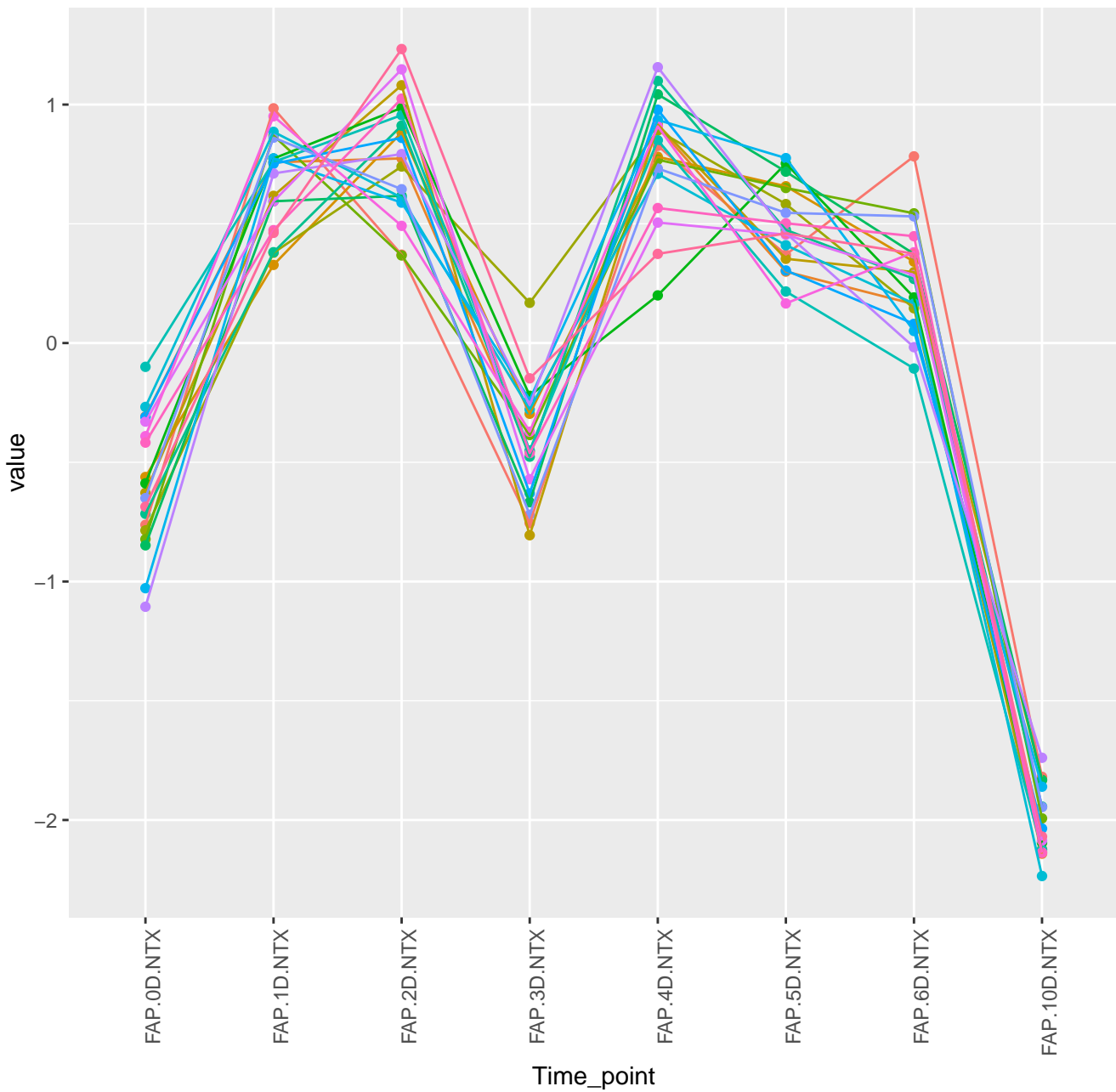
21 genes – cluster 267



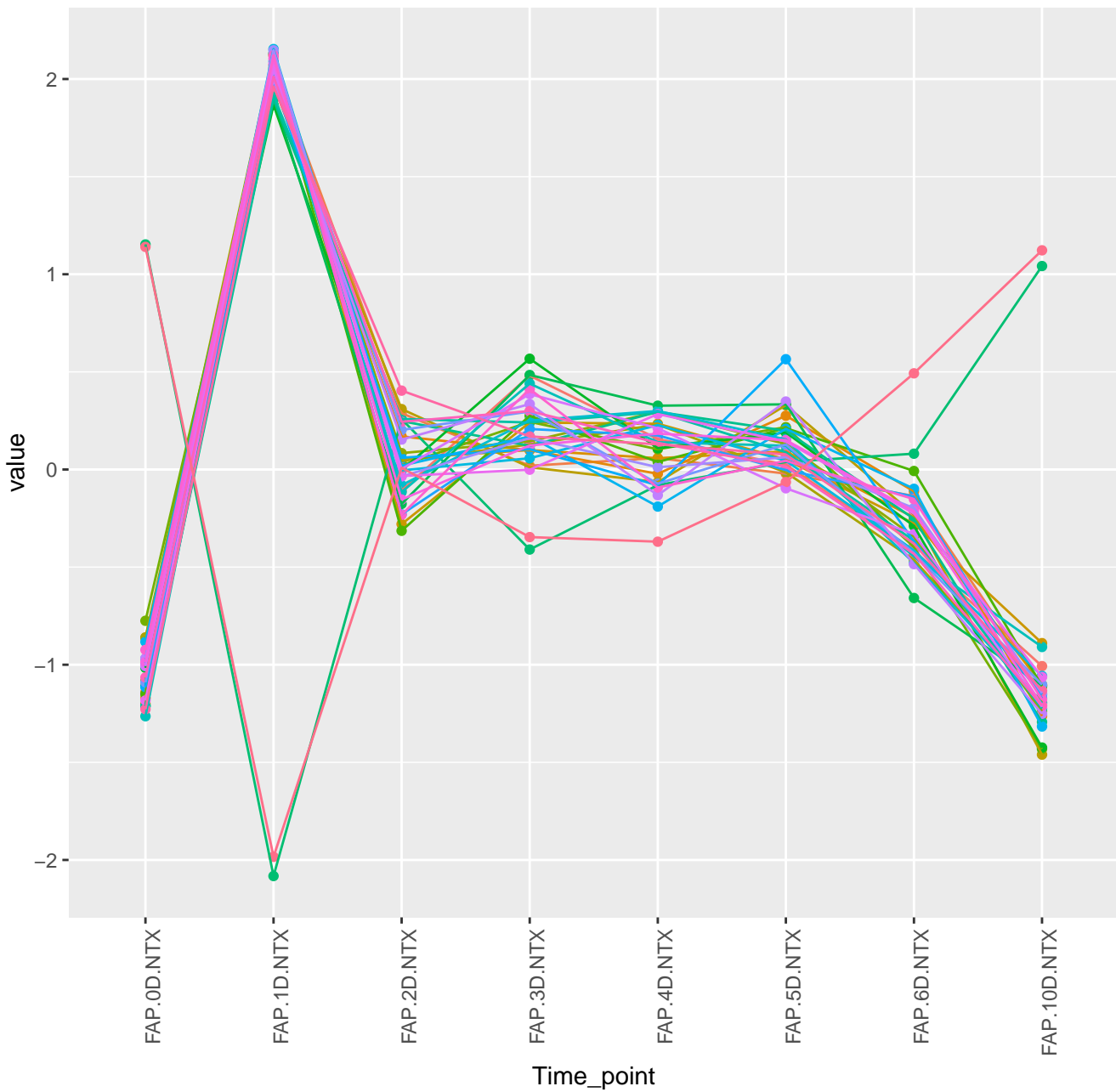
24 genes – cluster 268



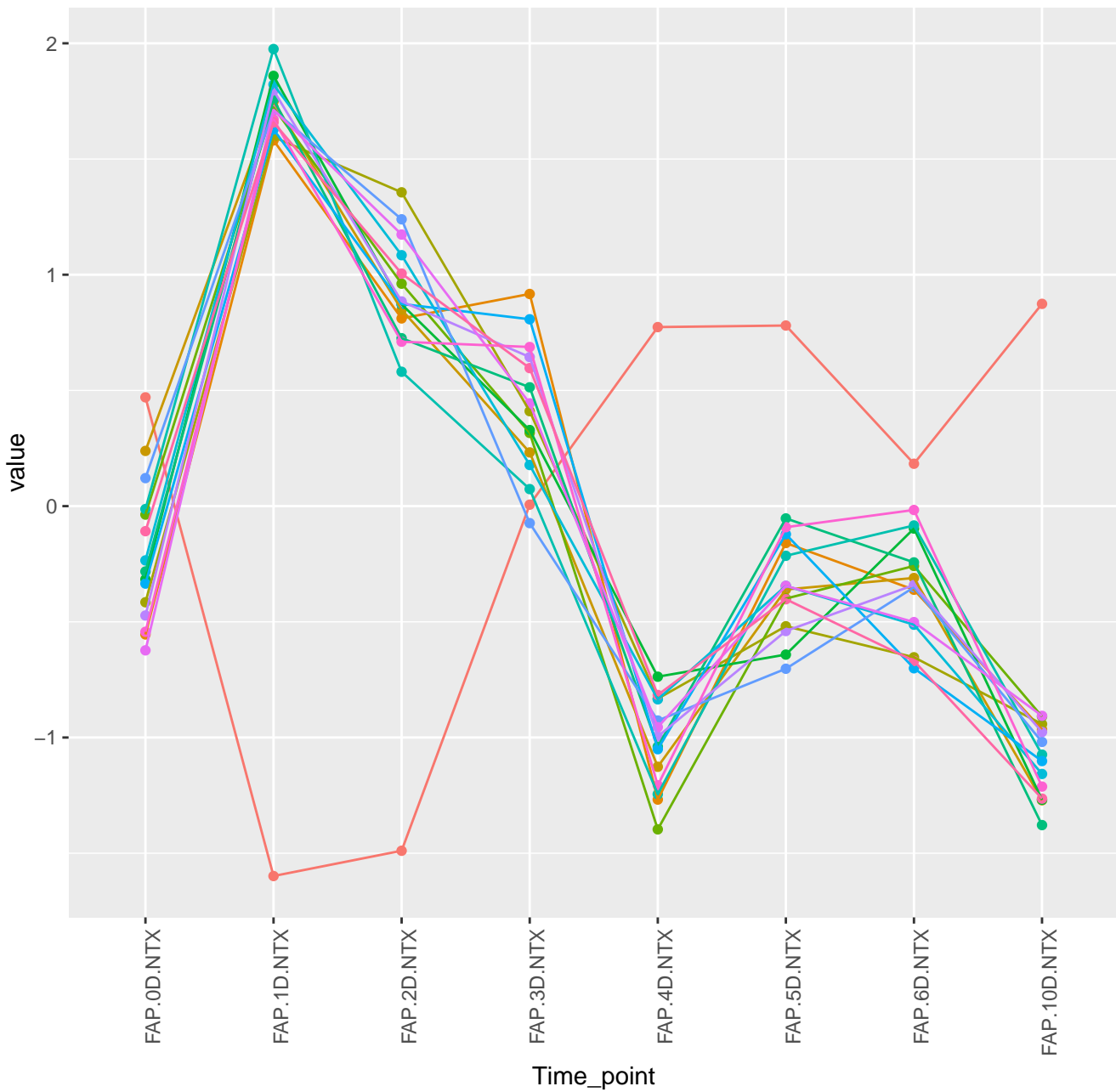
19 genes – cluster 269



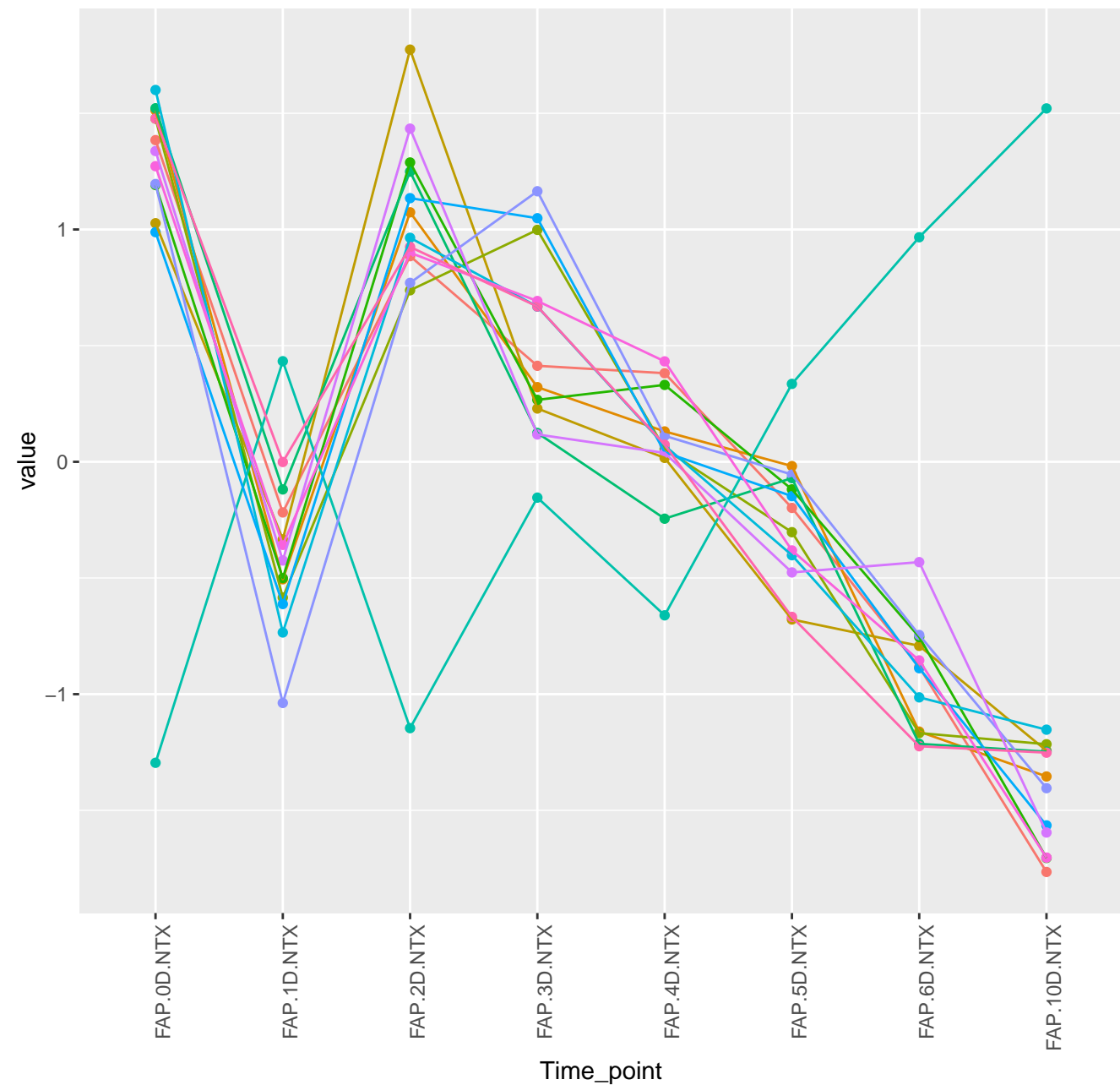
31 genes – cluster 270



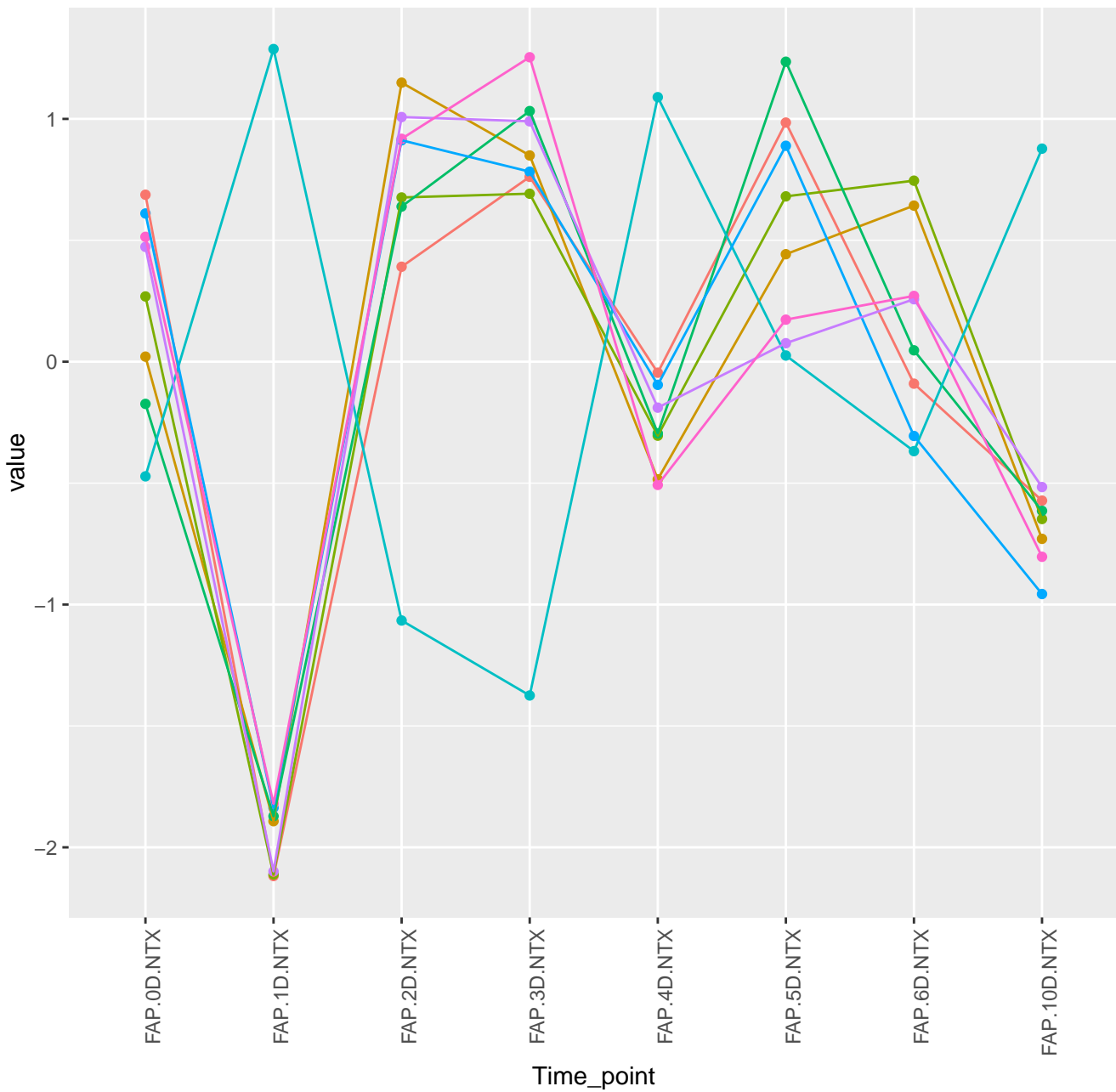
15 genes – cluster 271



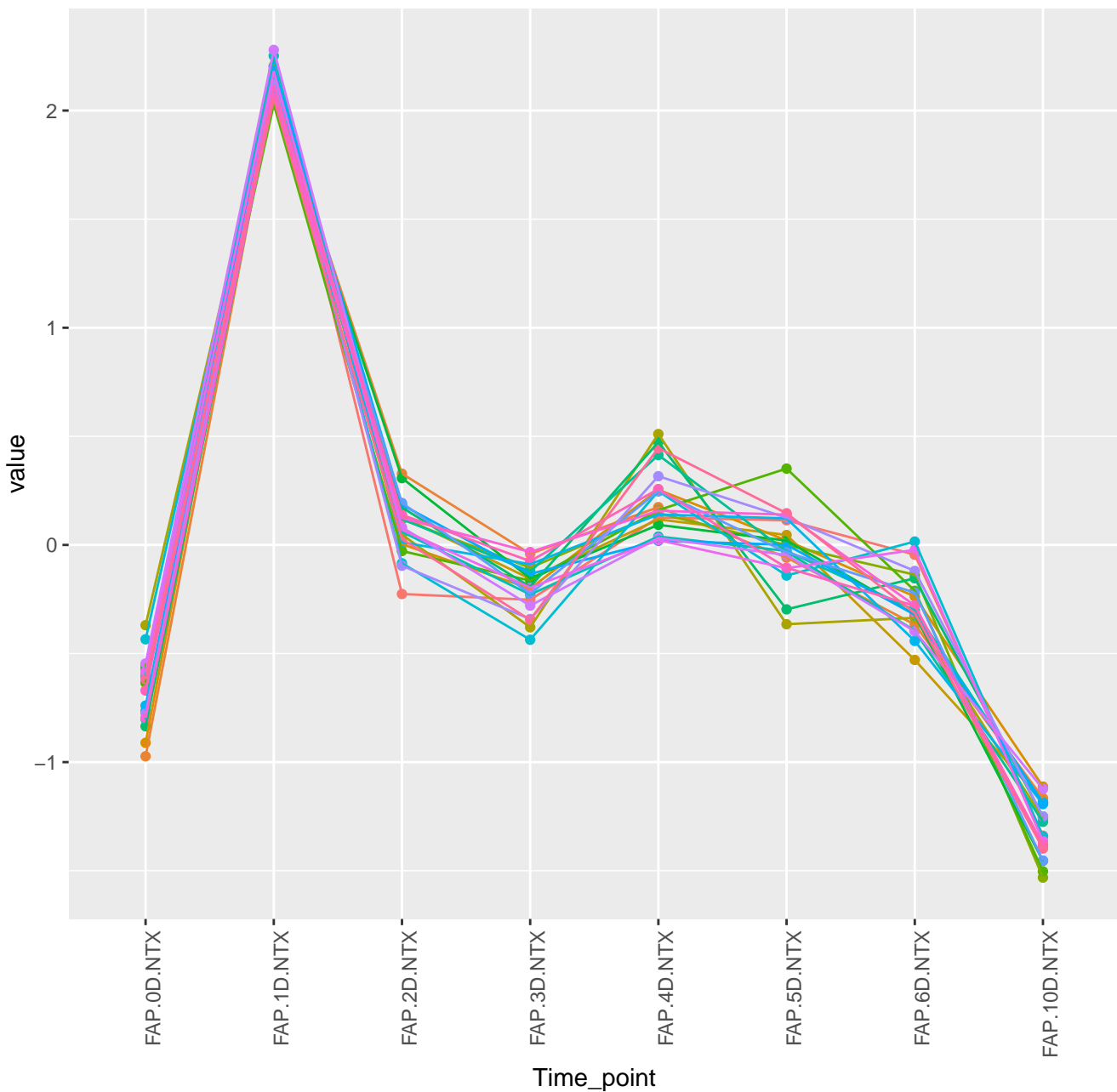
13 genes – cluster 272



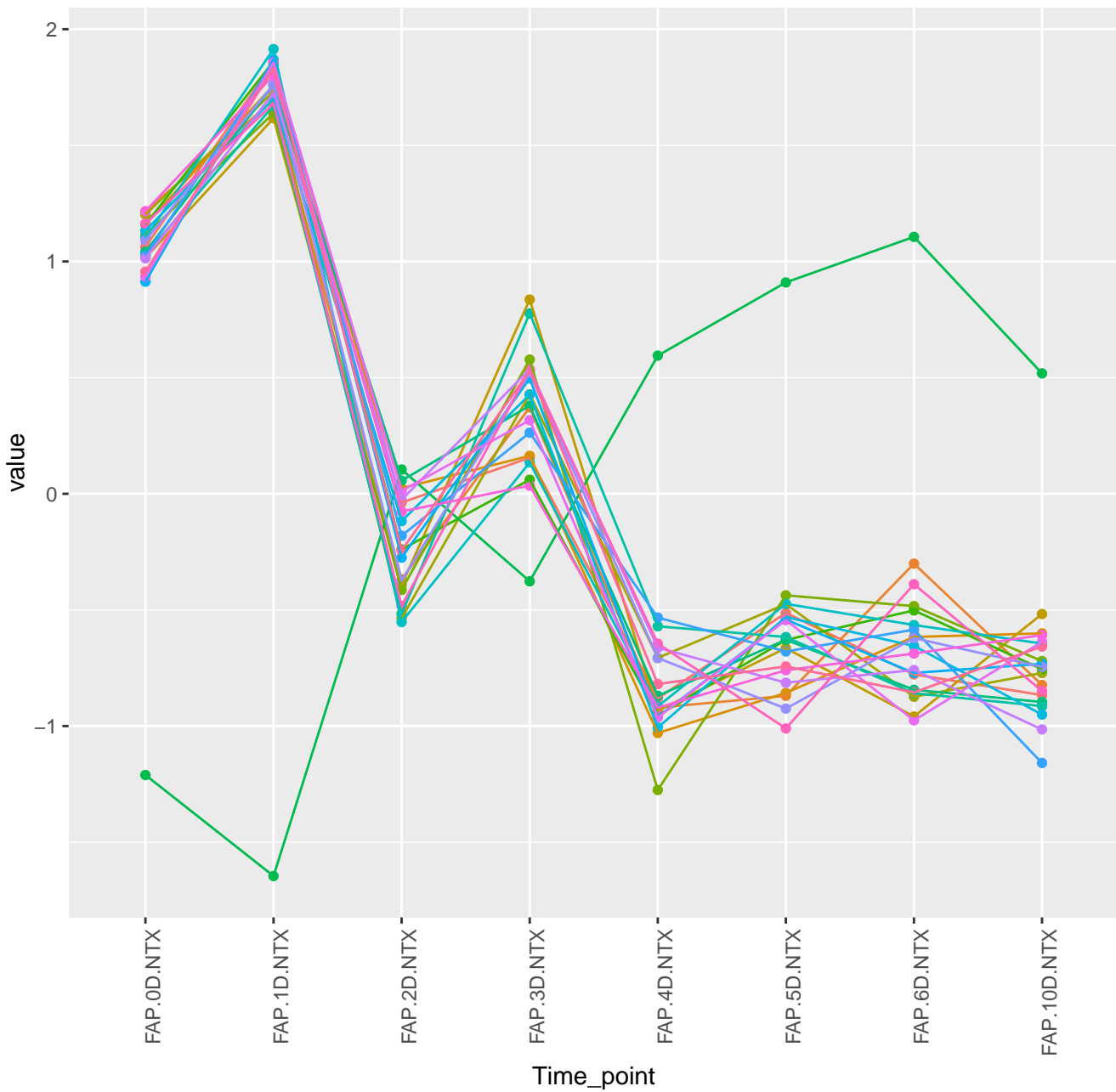
8 genes – cluster 273



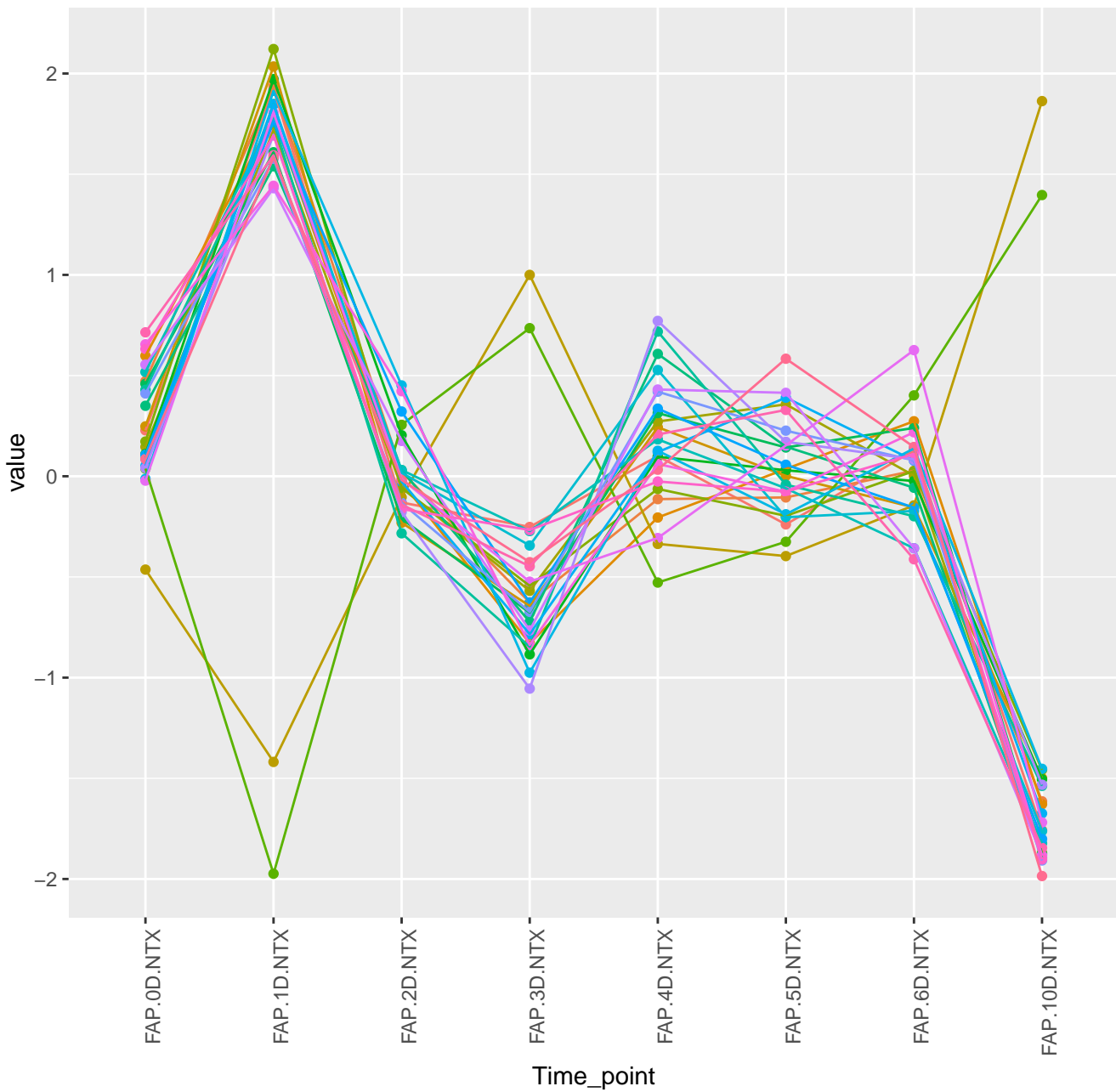
21 genes – cluster 274



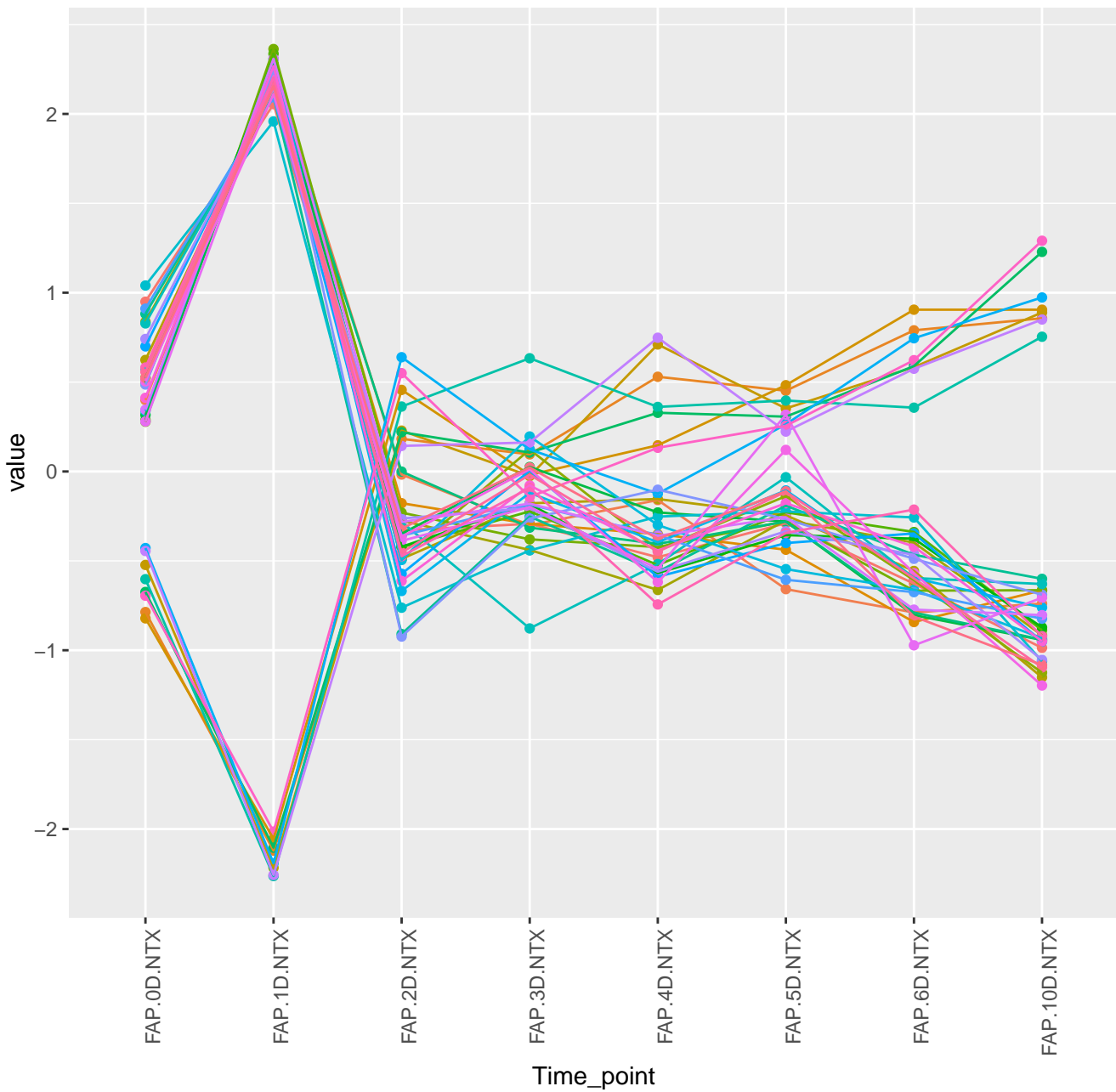
20 genes – cluster 275



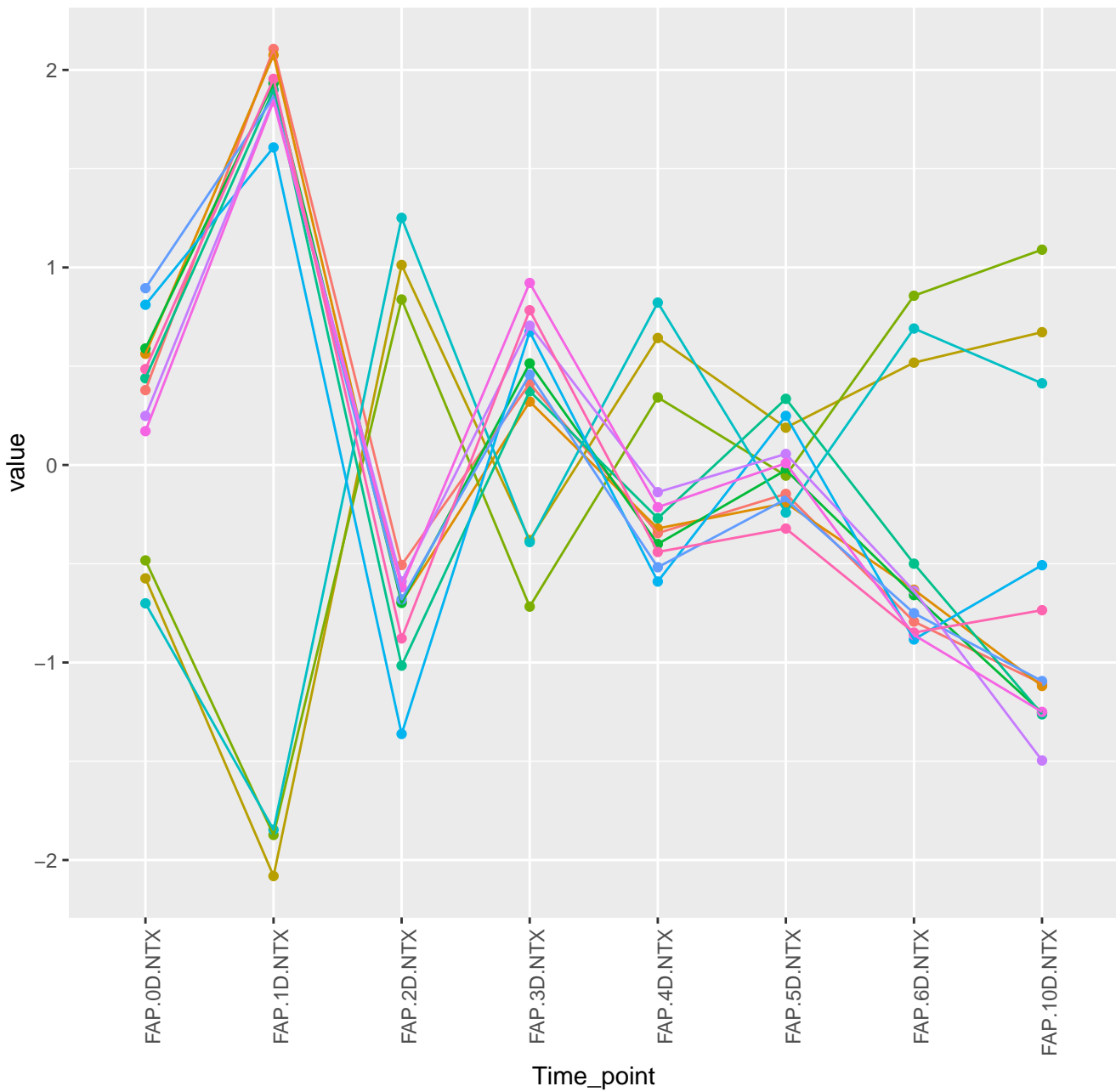
25 genes – cluster 276



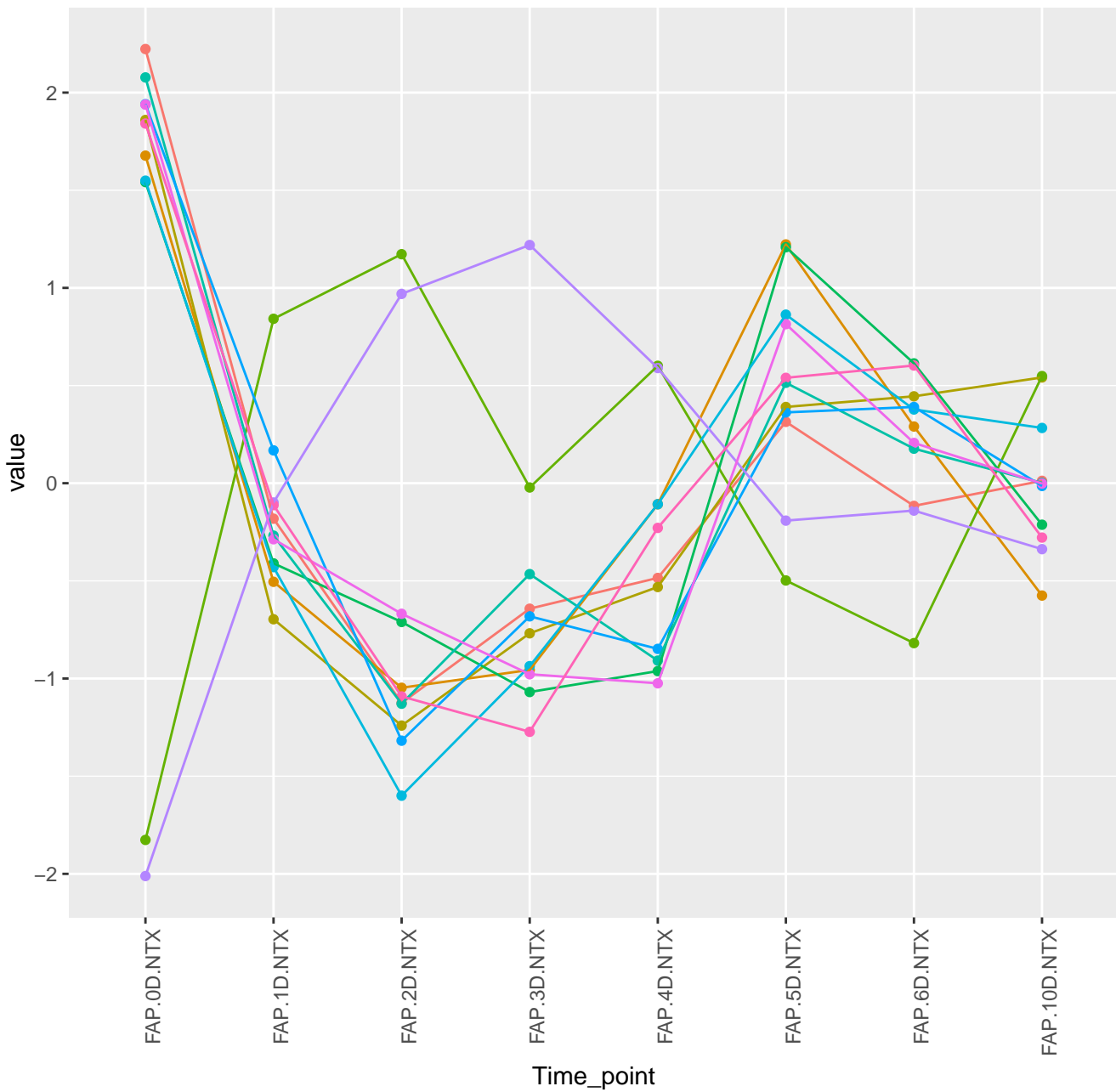
35 genes – cluster 277



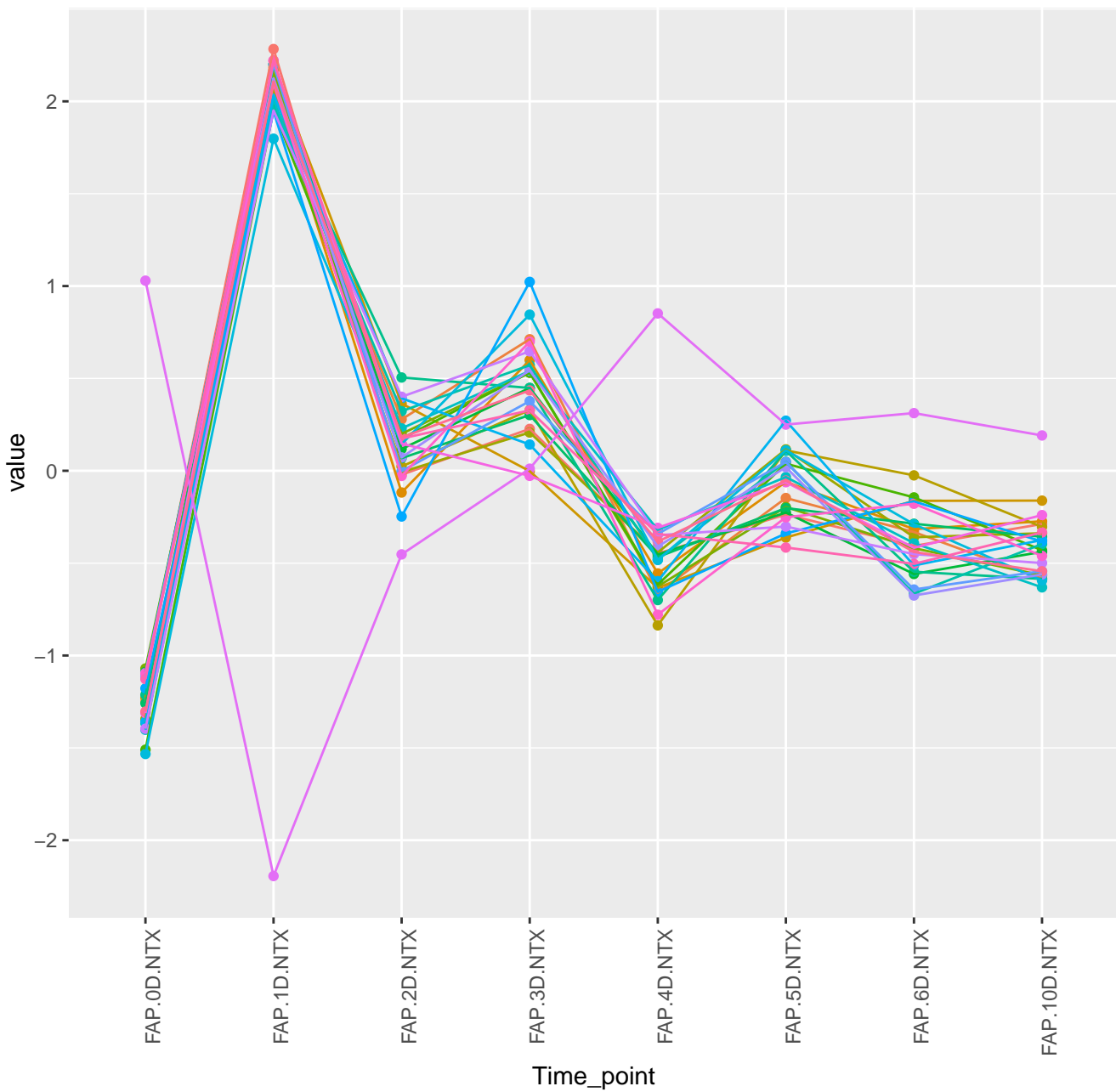
12 genes – cluster 278



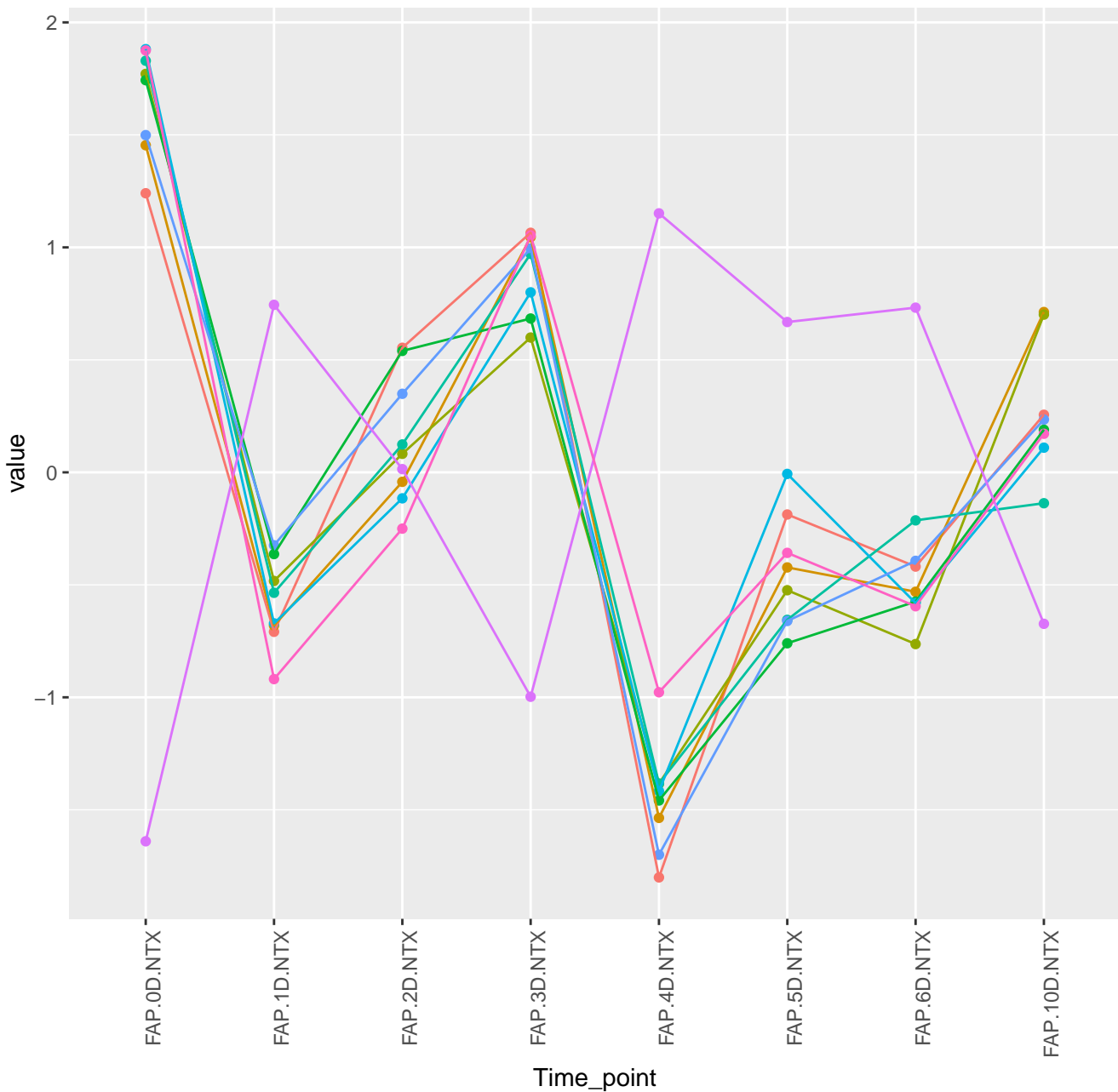
11 genes – cluster 279



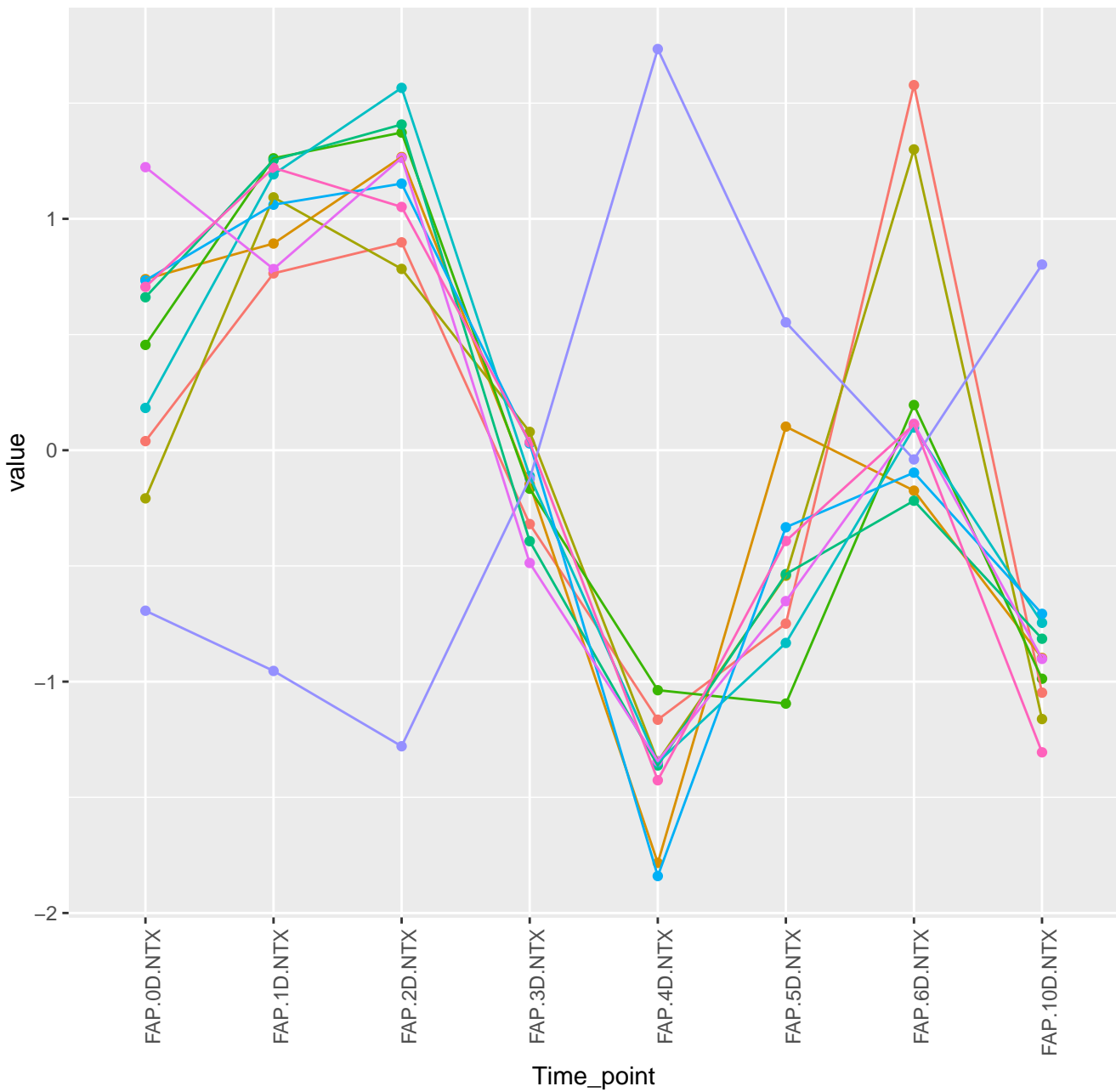
24 genes – cluster 280



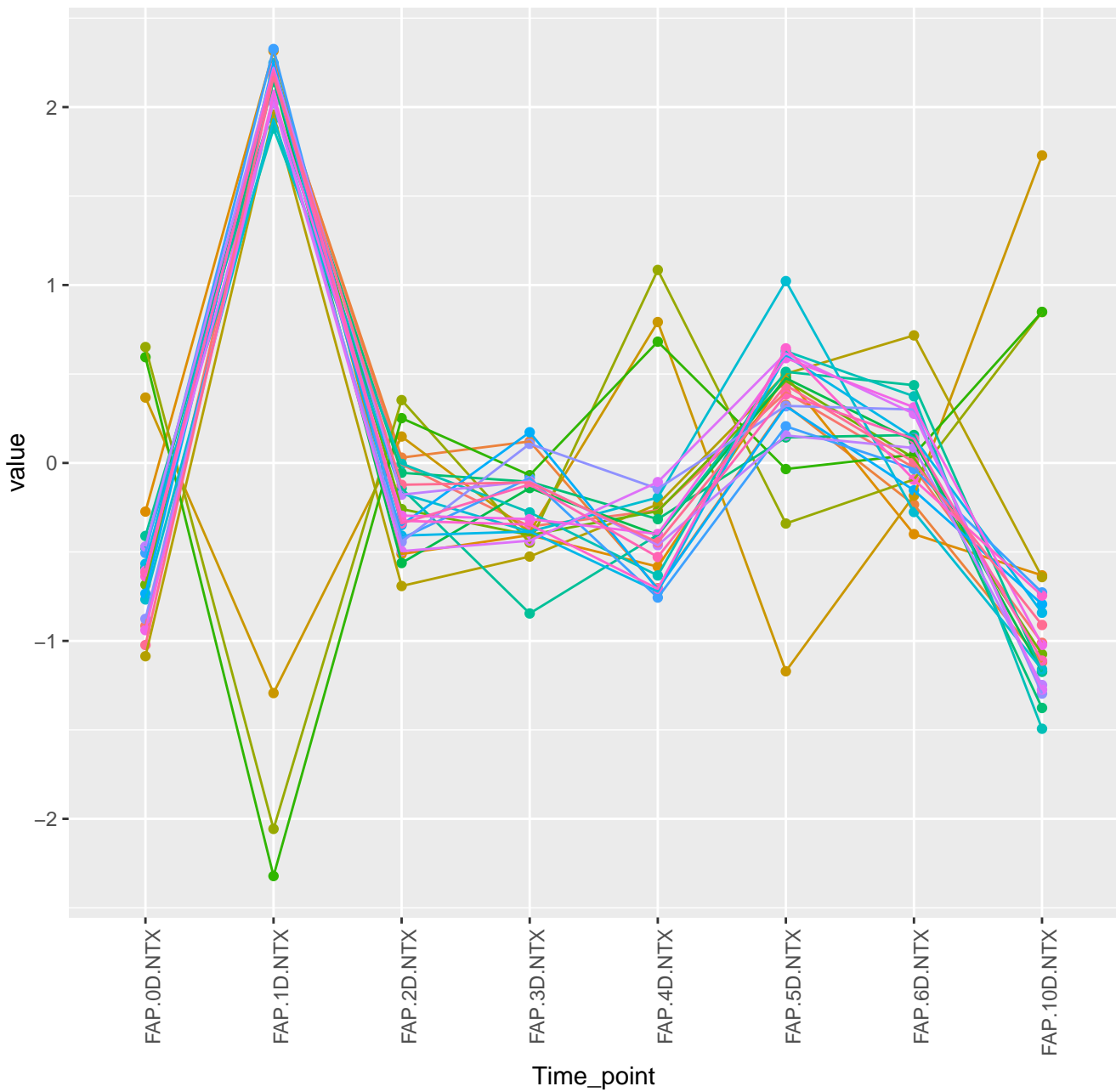
9 genes – cluster 281



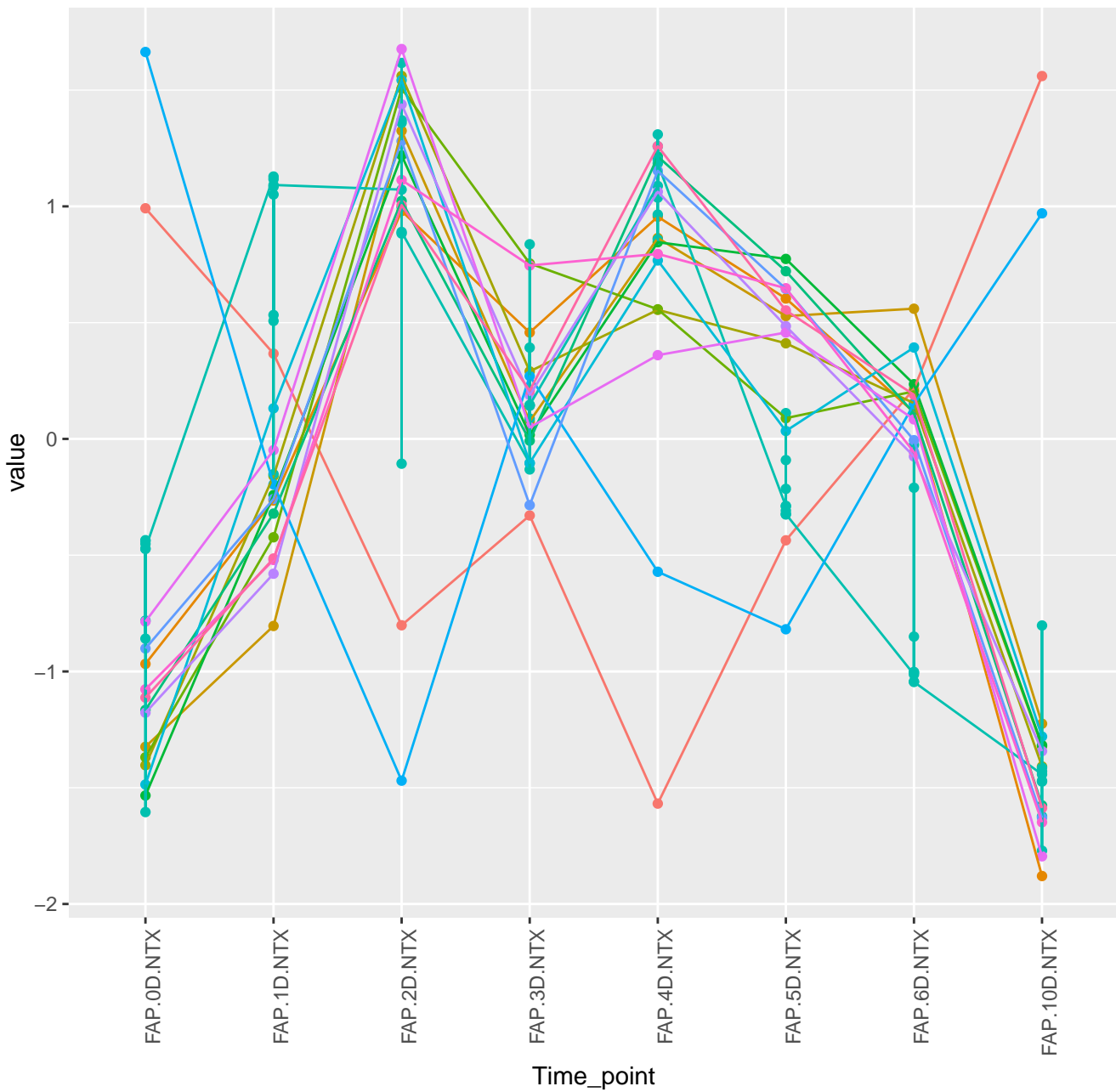
10 genes – cluster 282



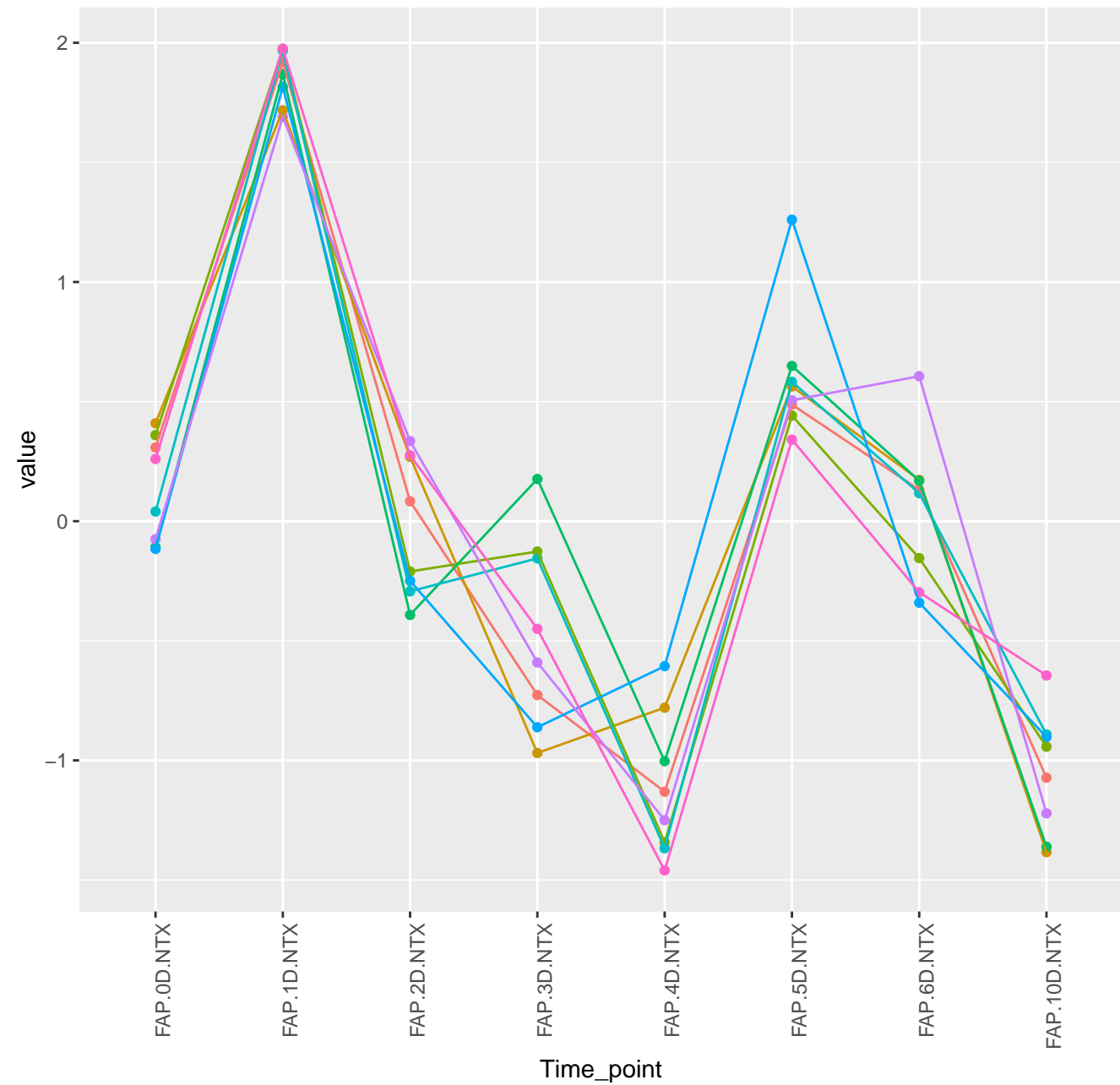
23 genes – cluster 283



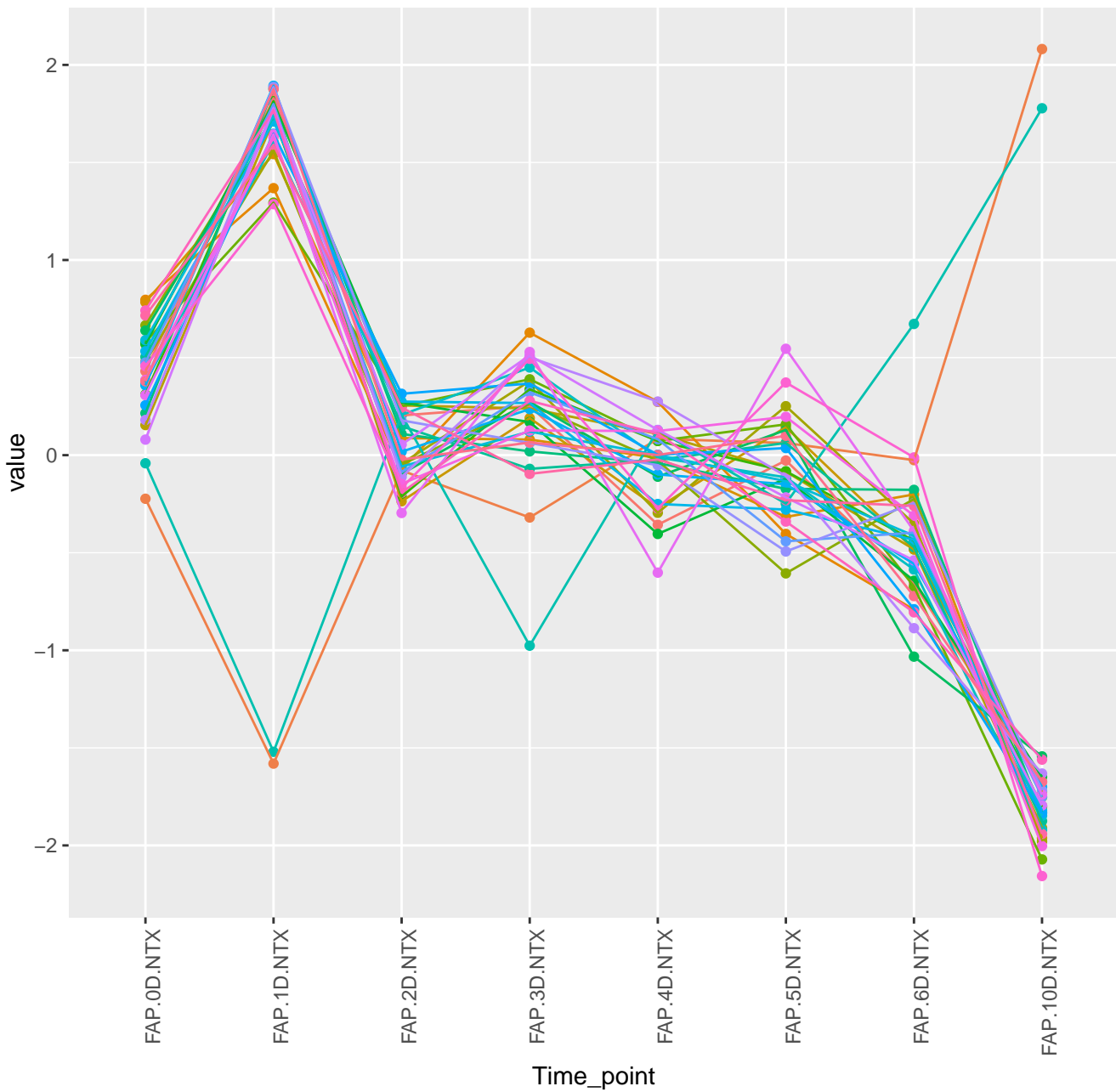
22 genes – cluster 284



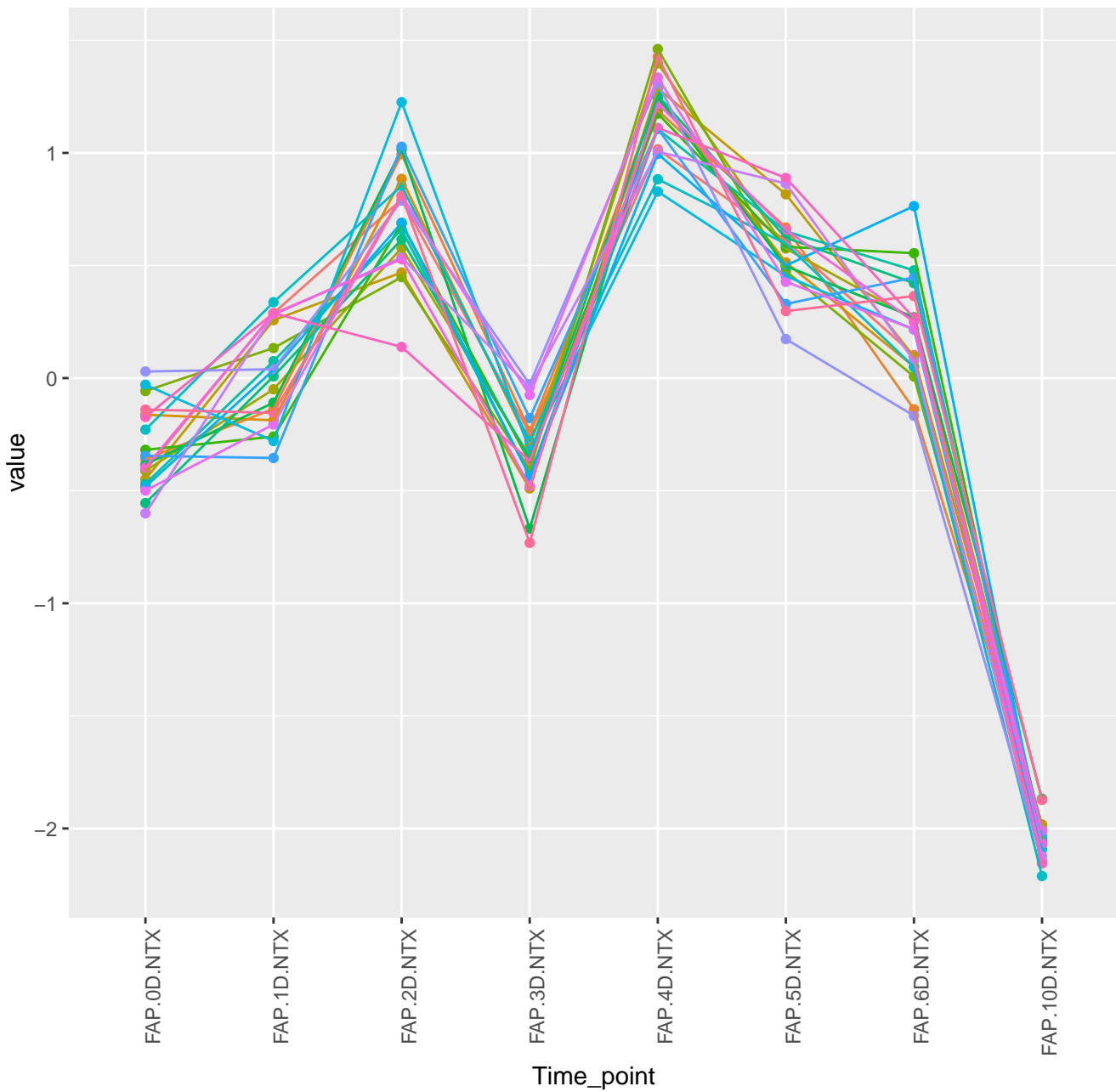
8 genes – cluster 285



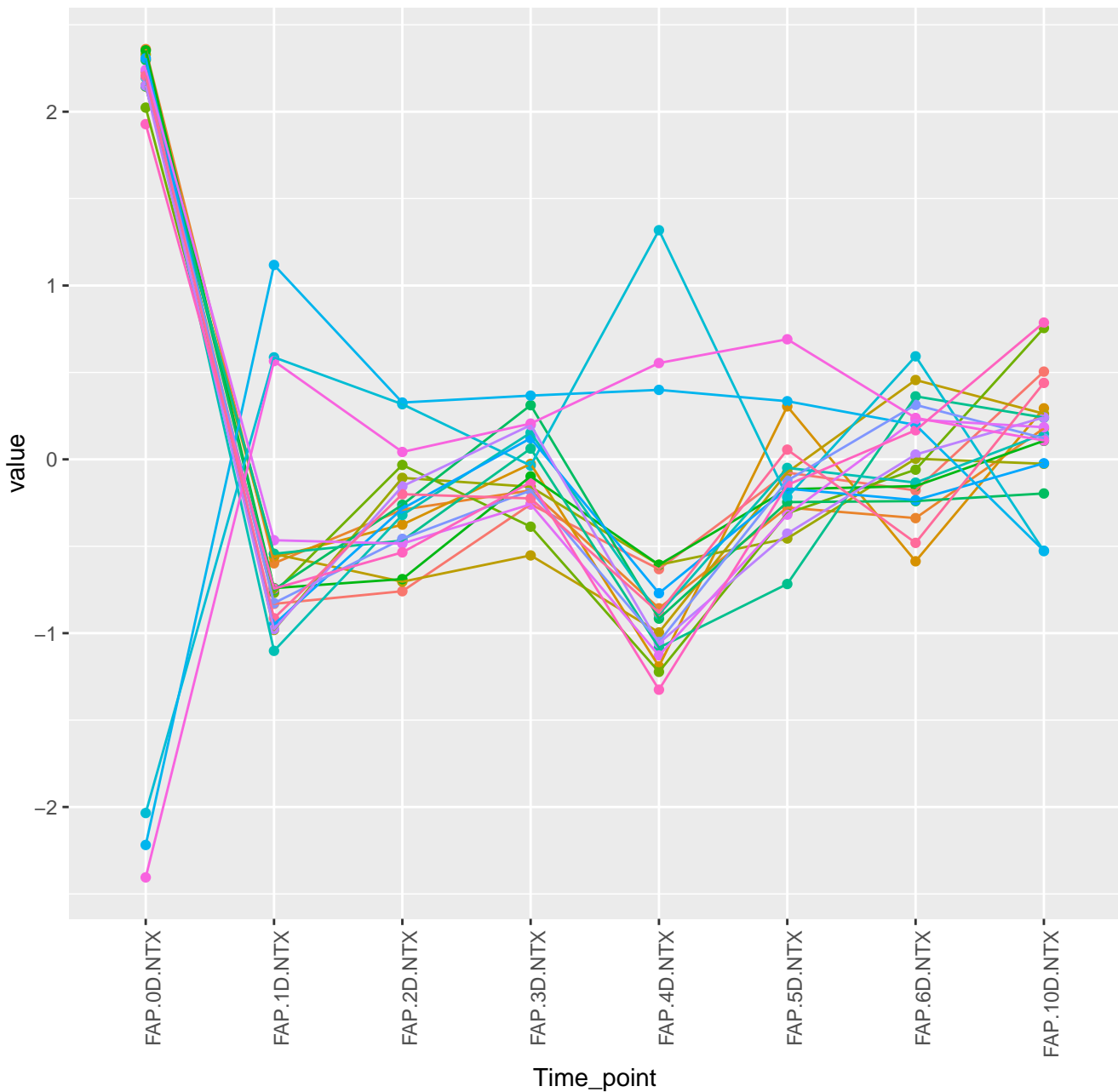
30 genes – cluster 286



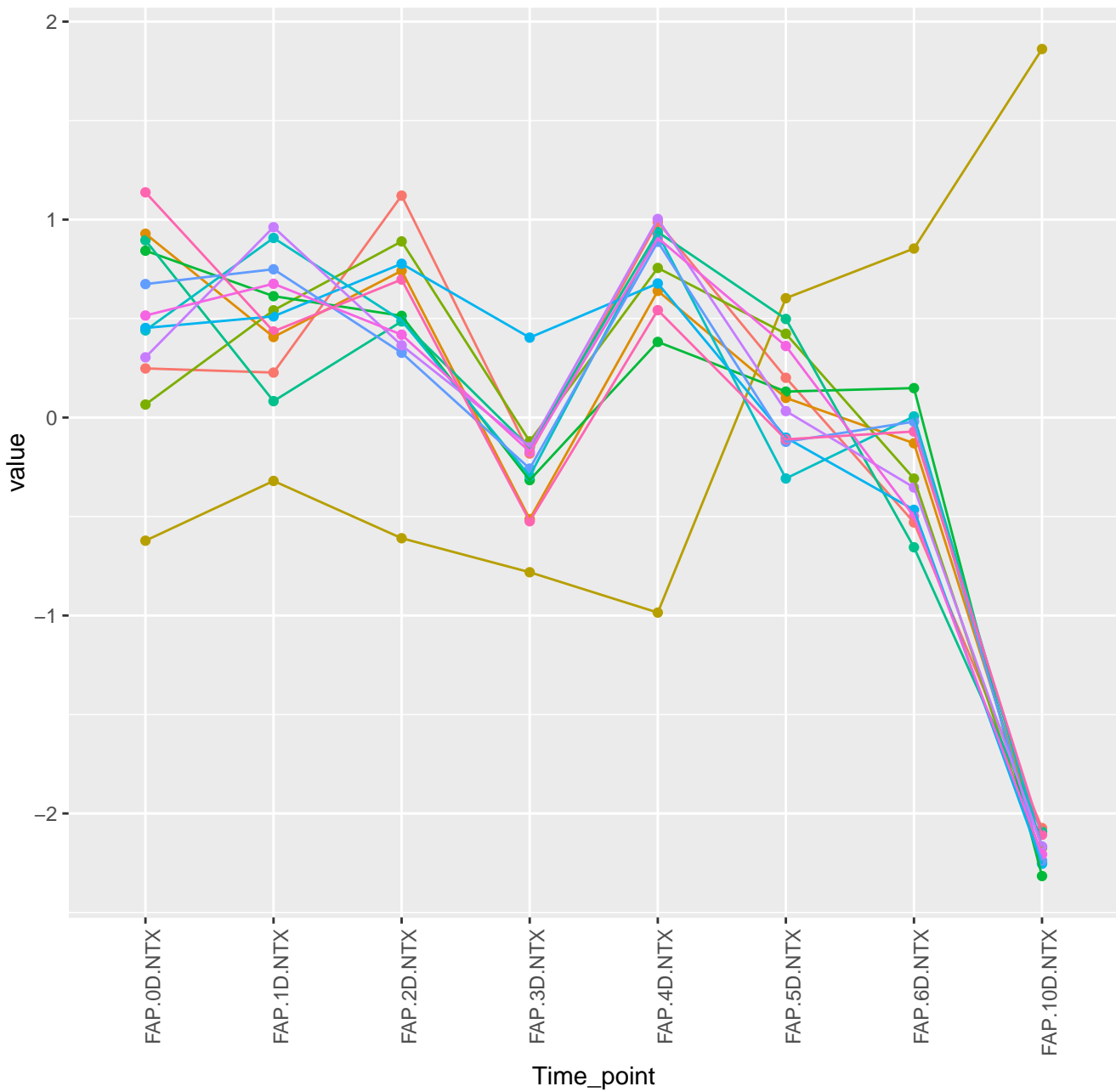
20 genes – cluster 287



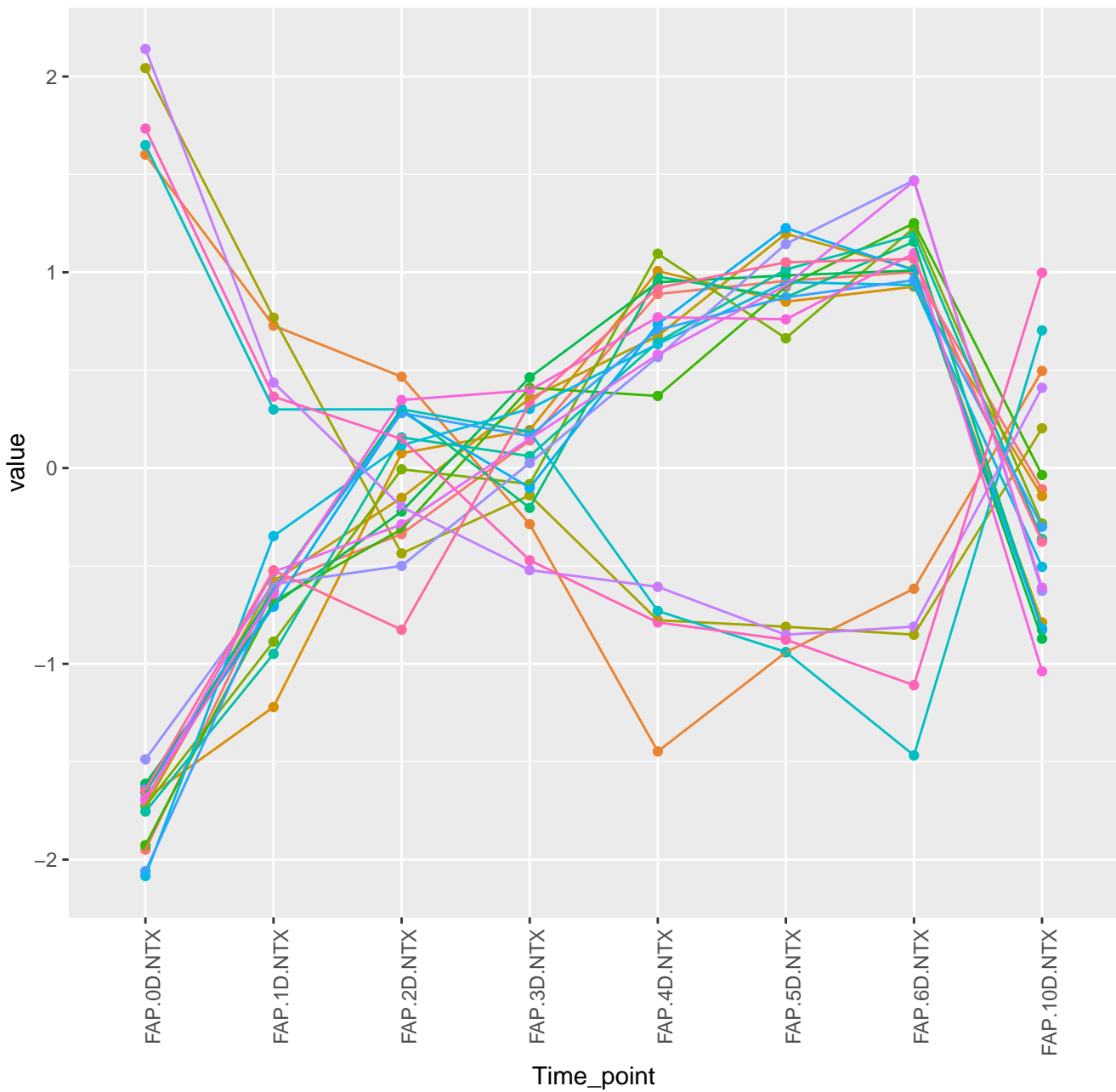
19 genes – cluster 288



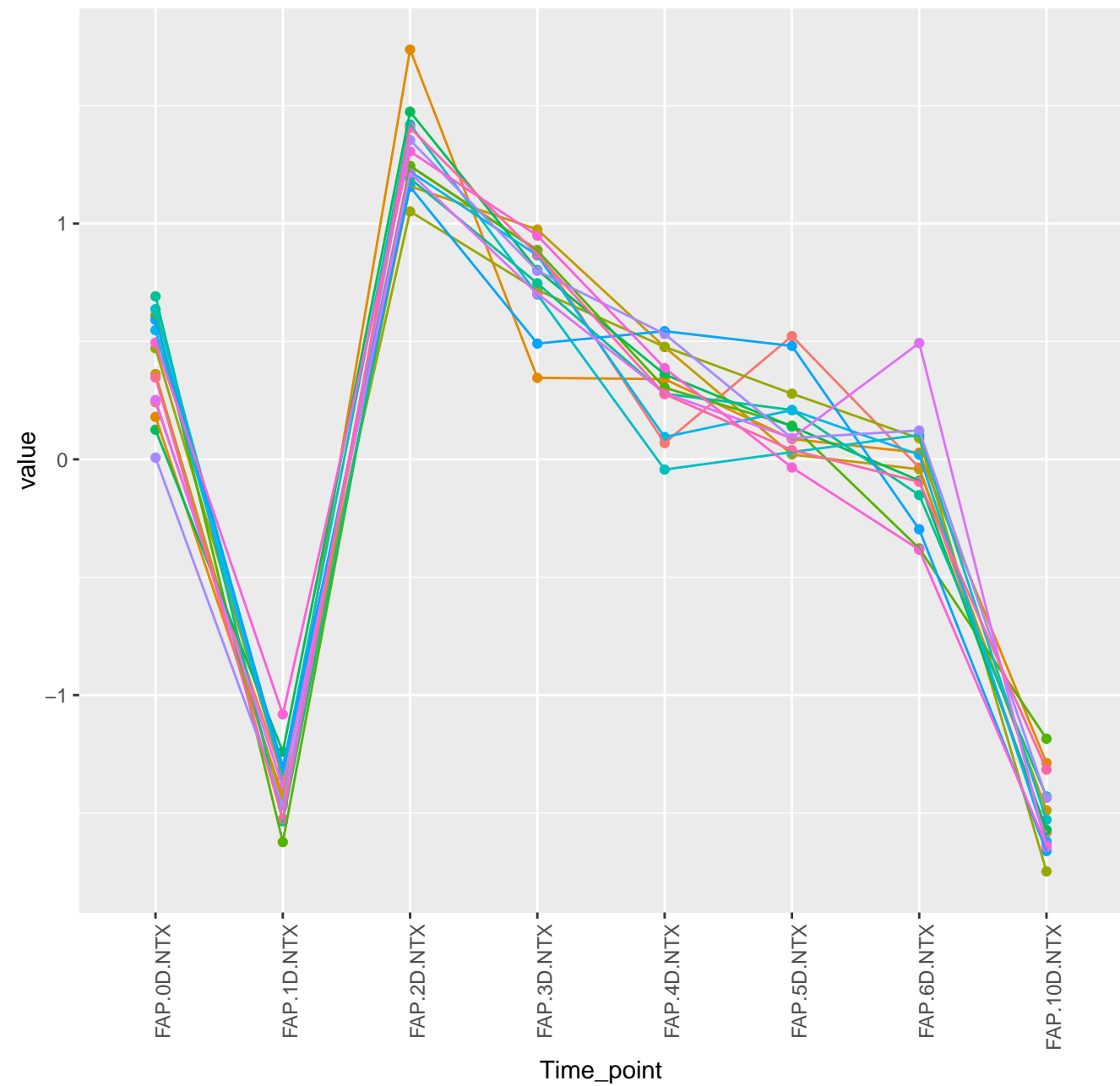
12 genes – cluster 289



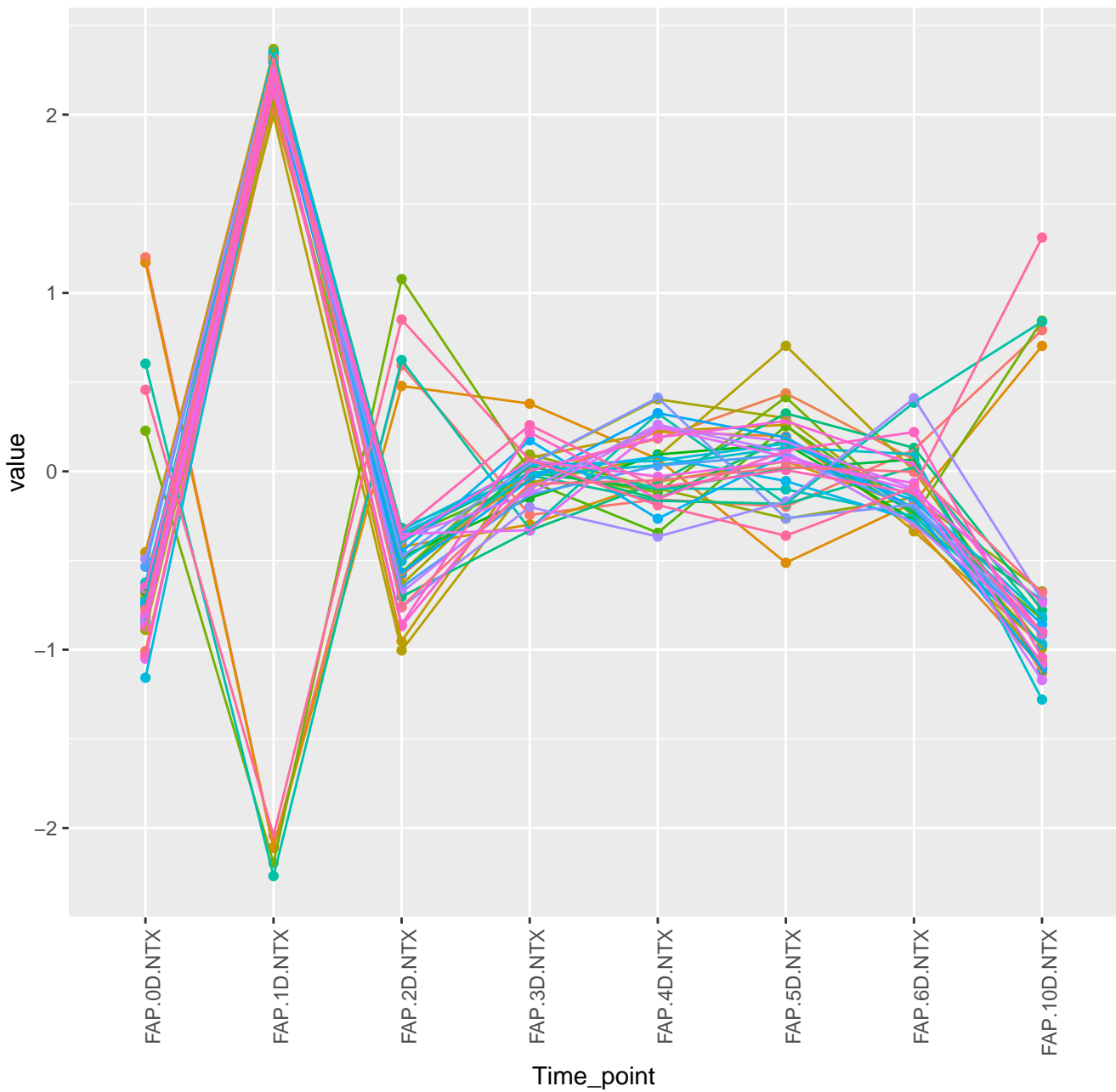
20 genes – cluster 290



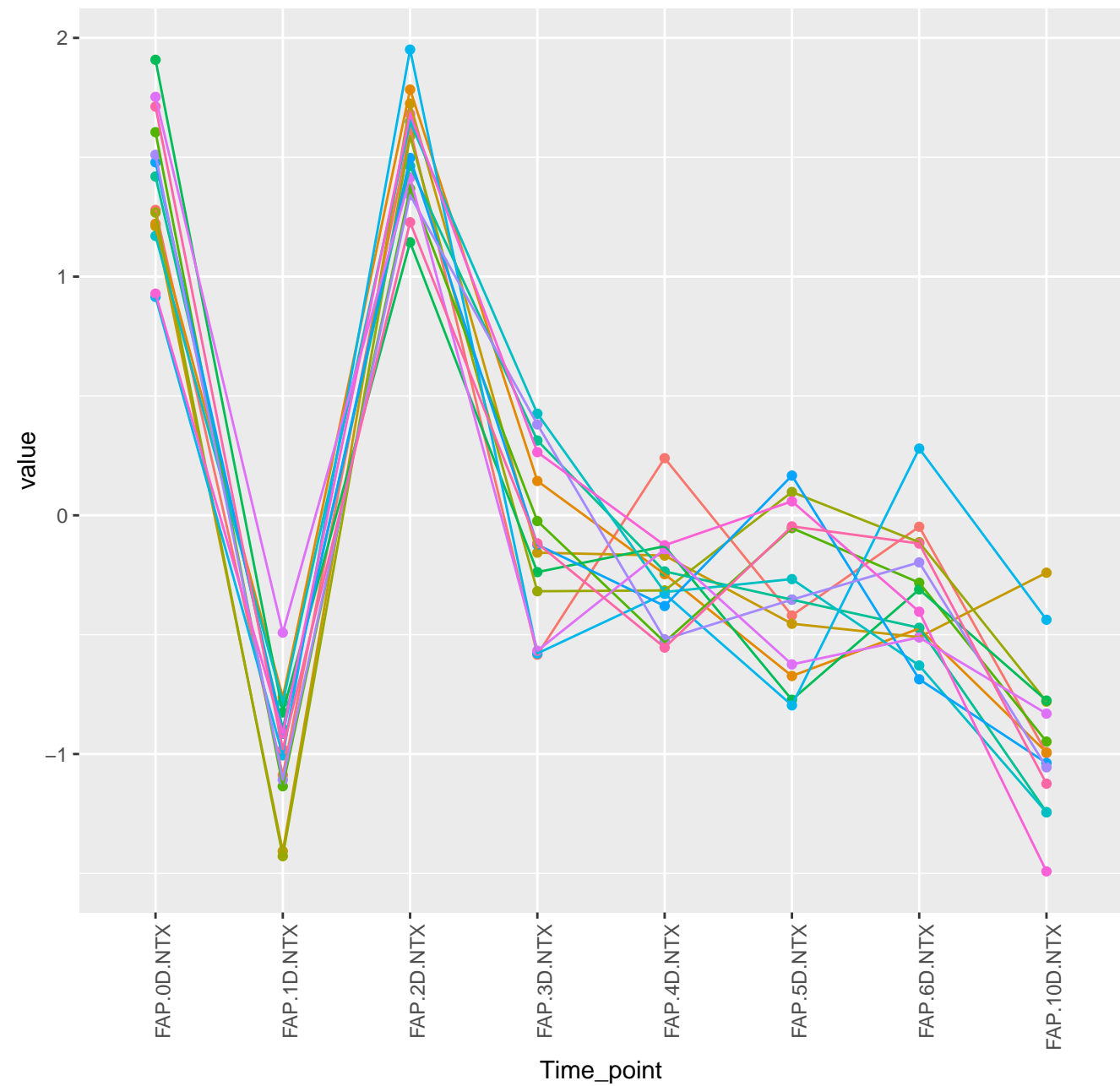
14 genes – cluster 291



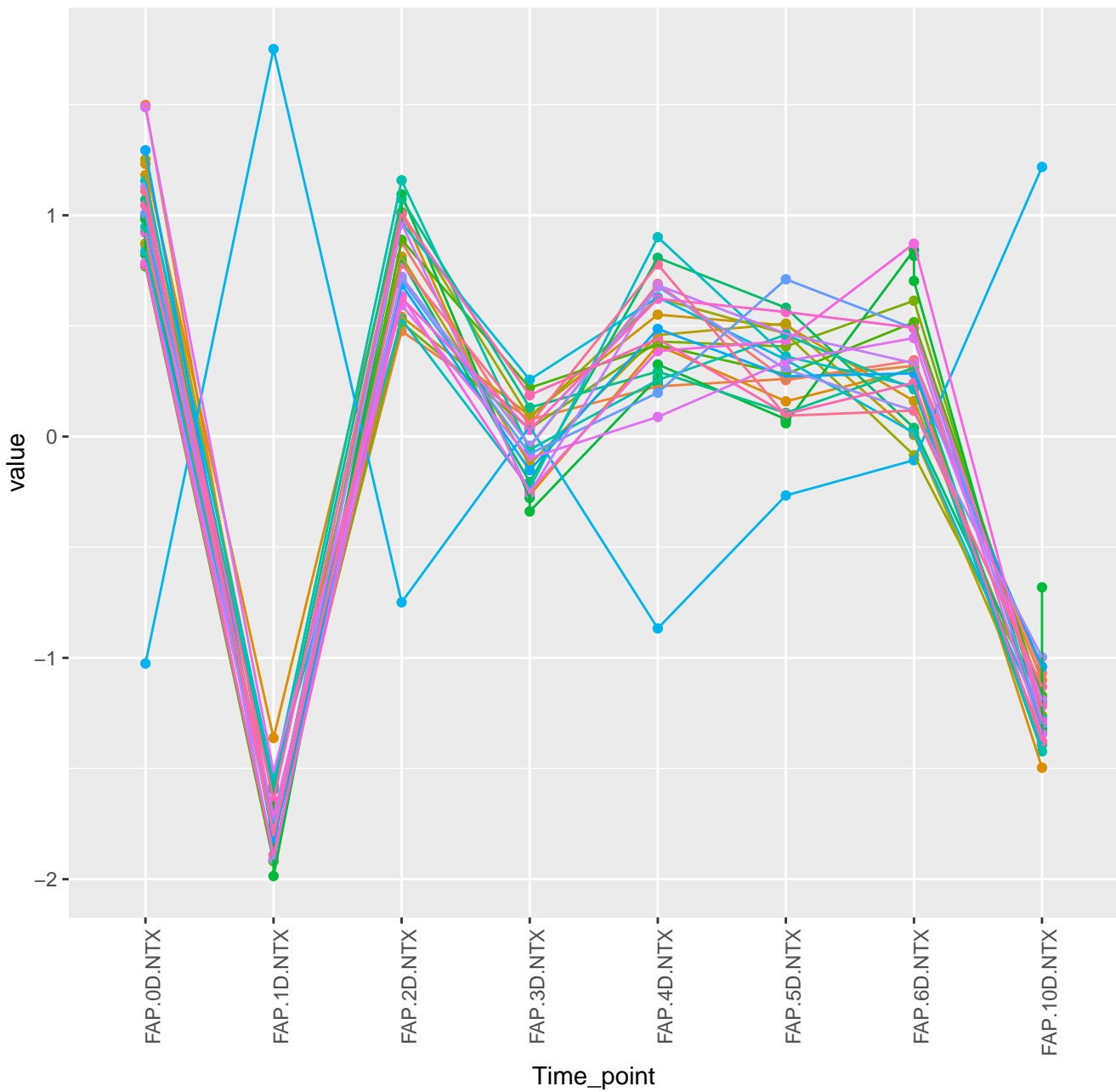
35 genes – cluster 292



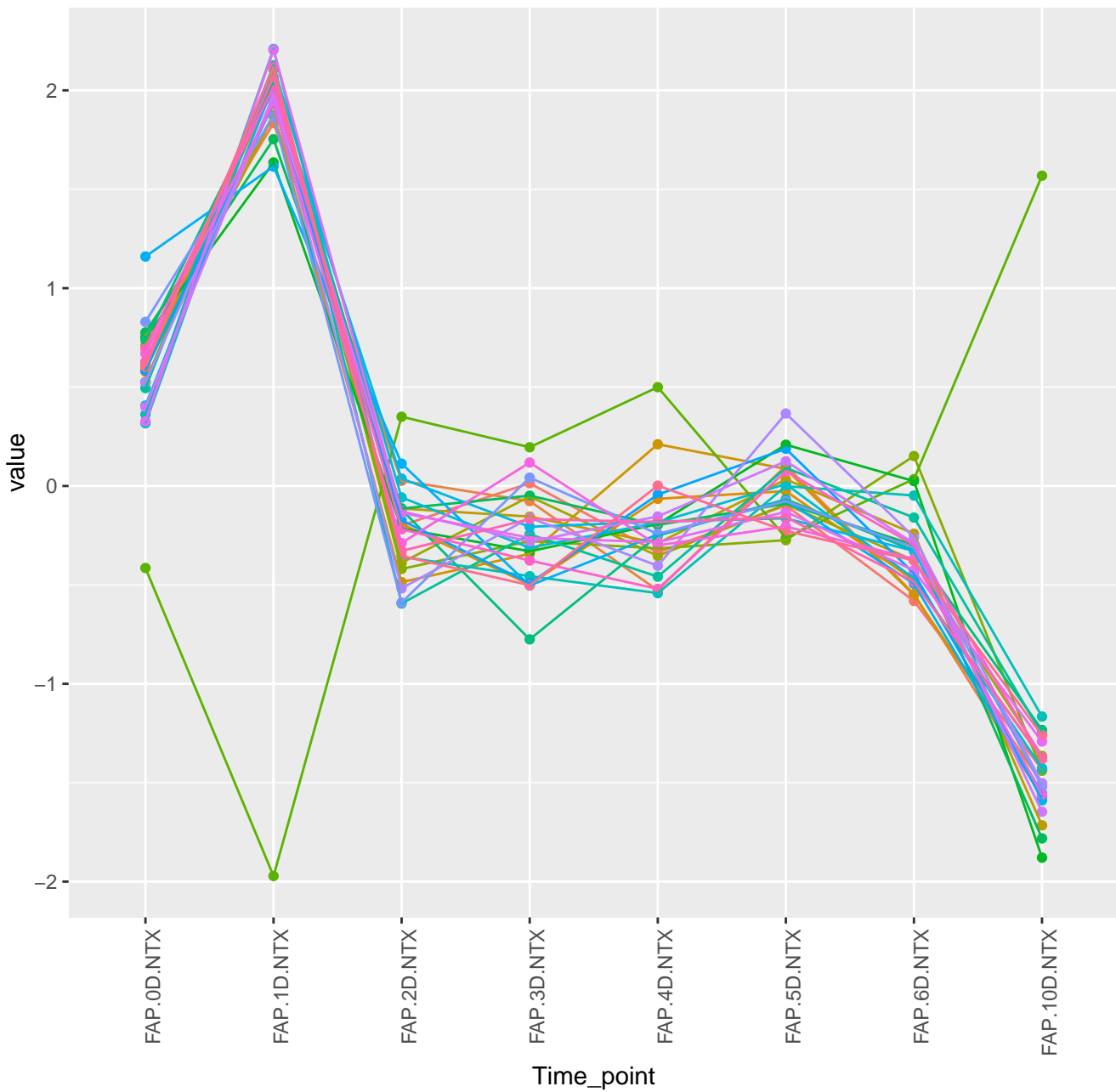
14 genes – cluster 293



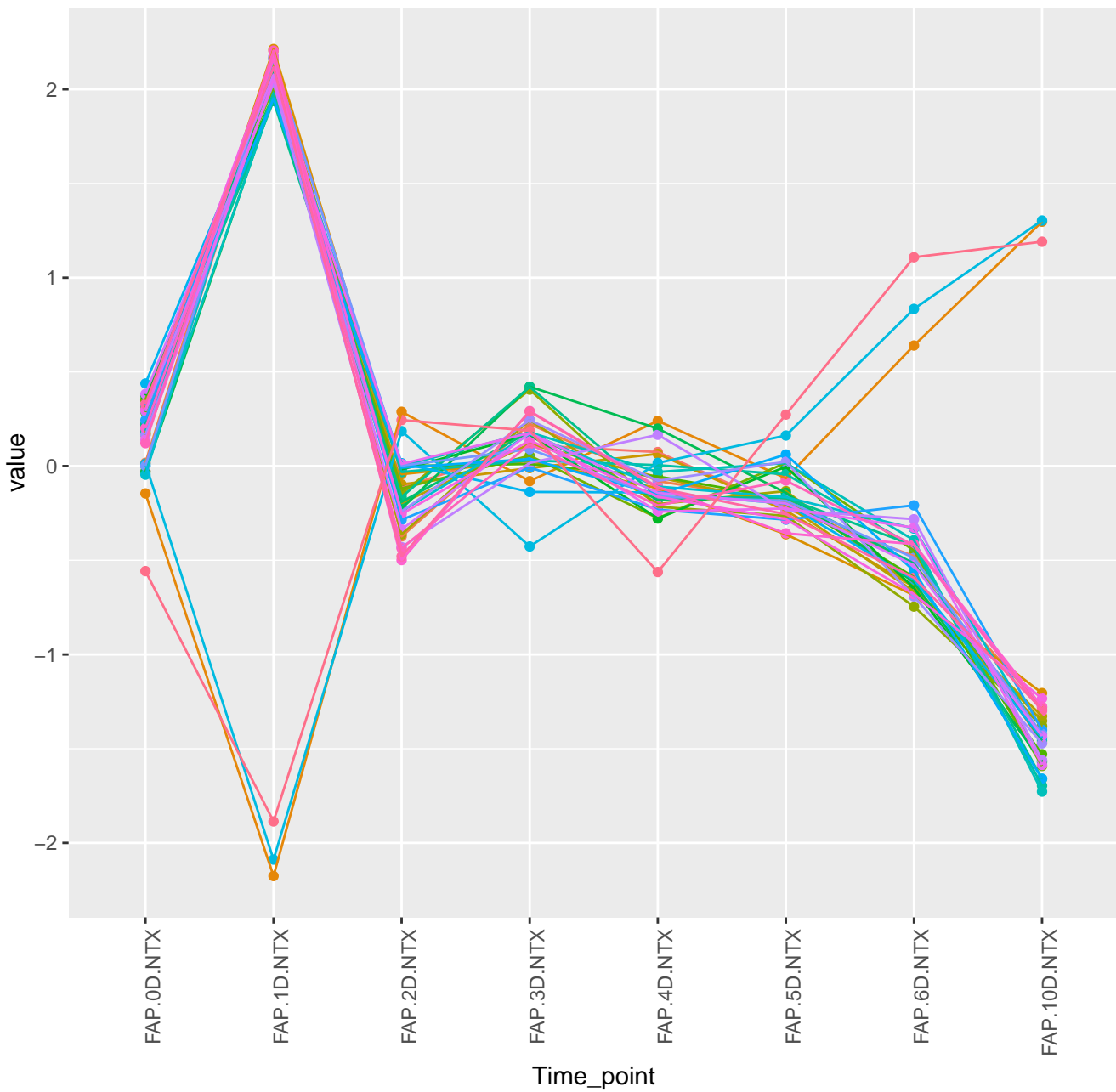
26 genes – cluster 294



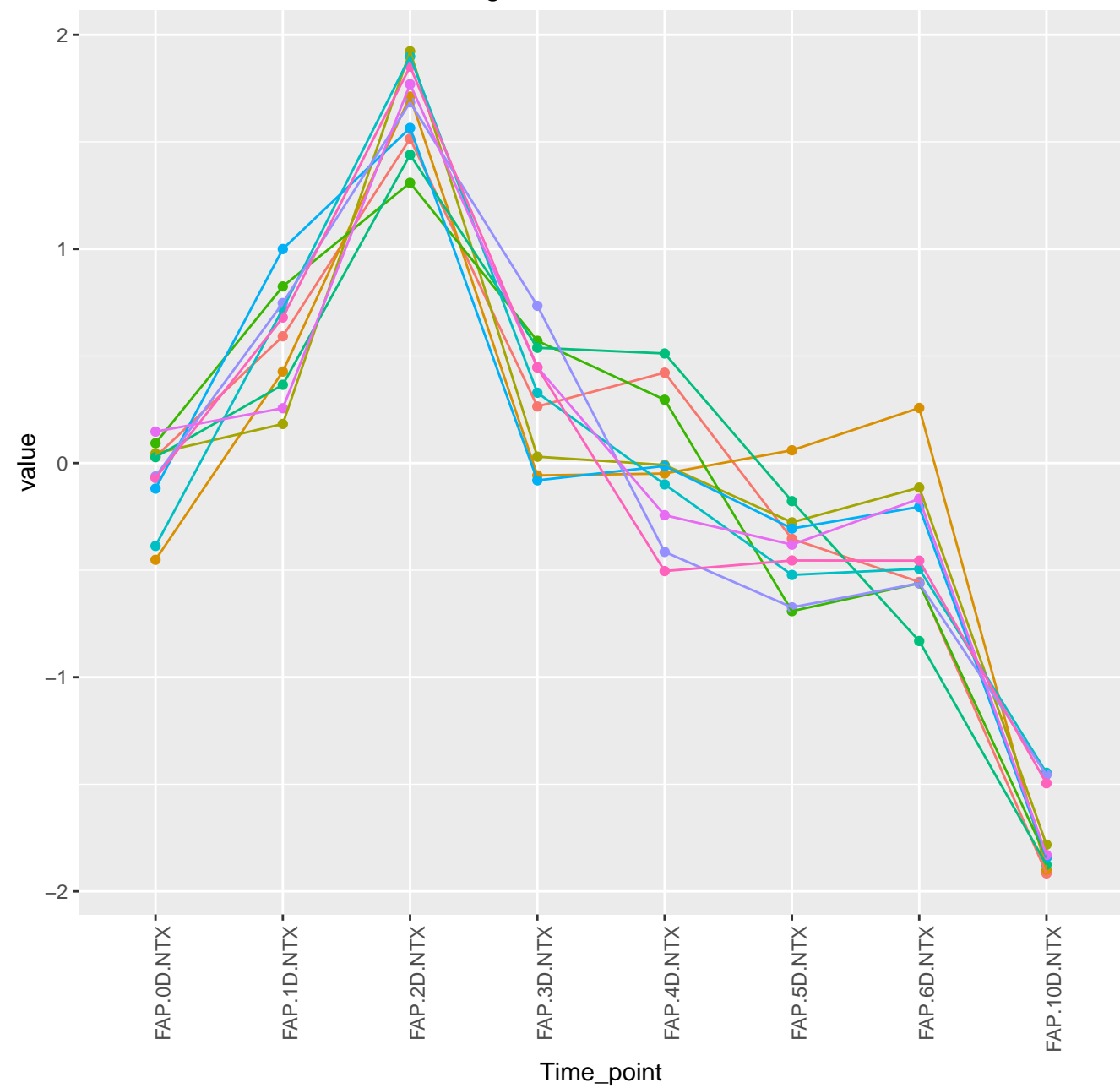
25 genes – cluster 295



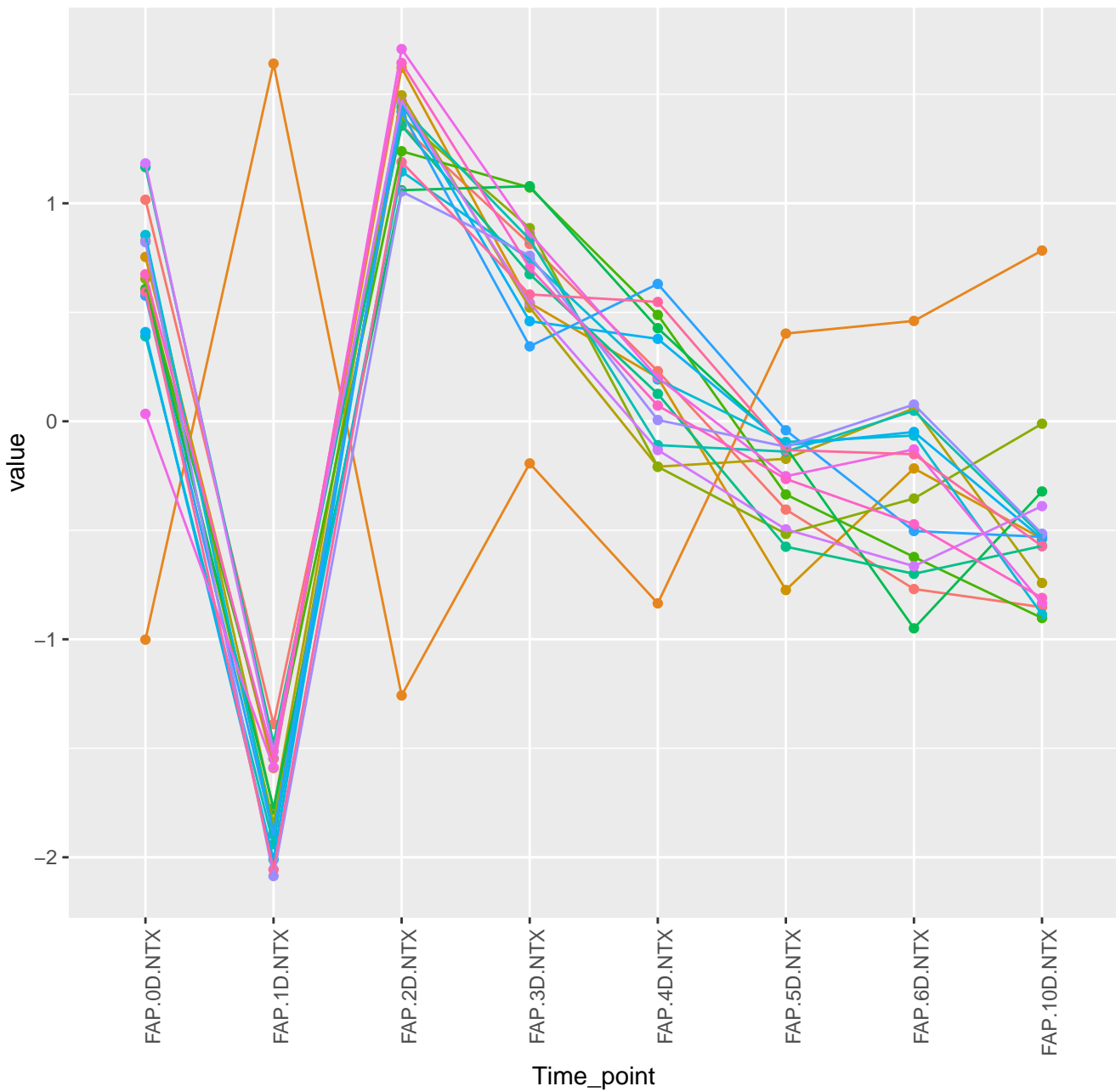
31 genes – cluster 296



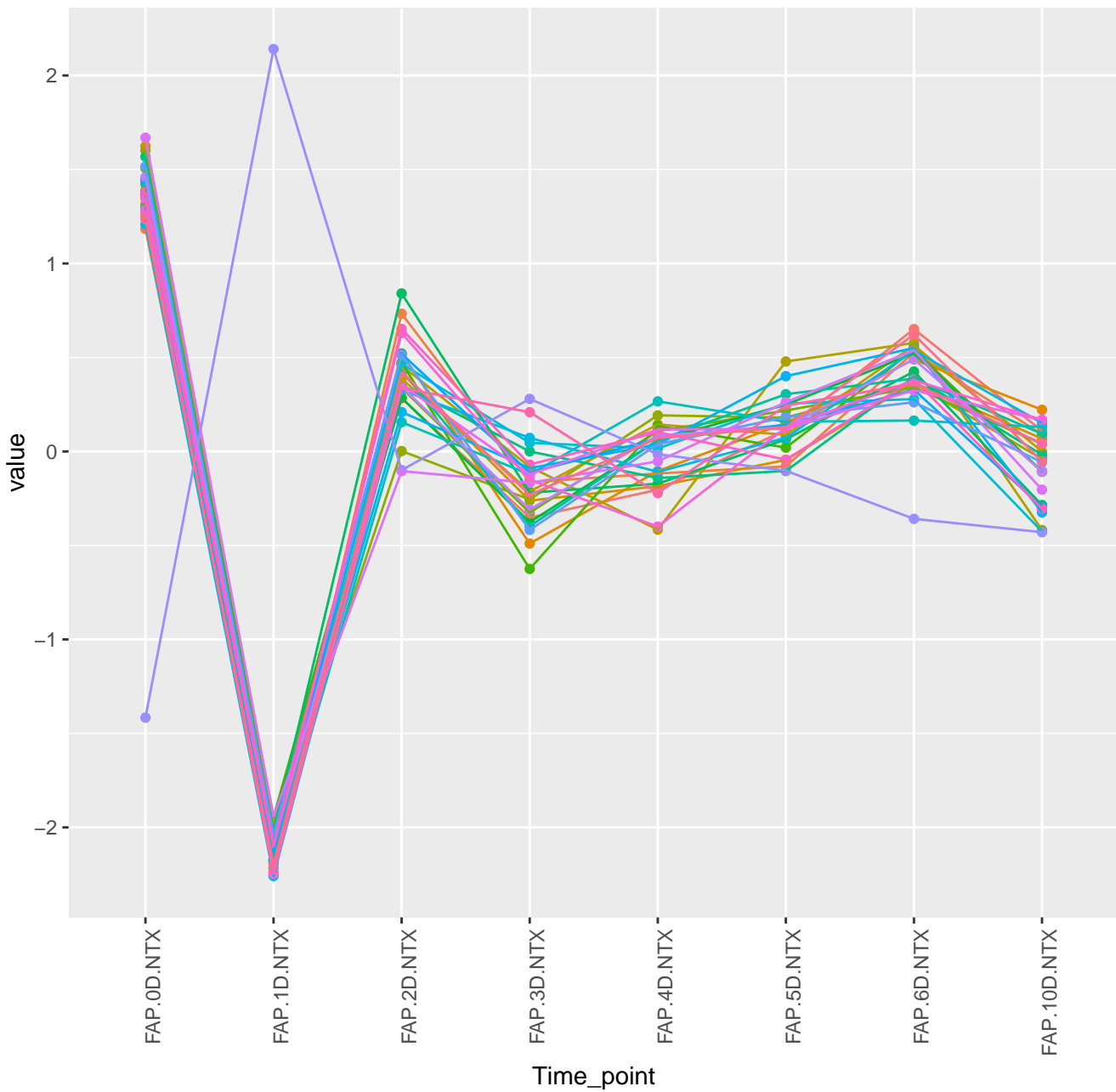
10 genes – cluster 297



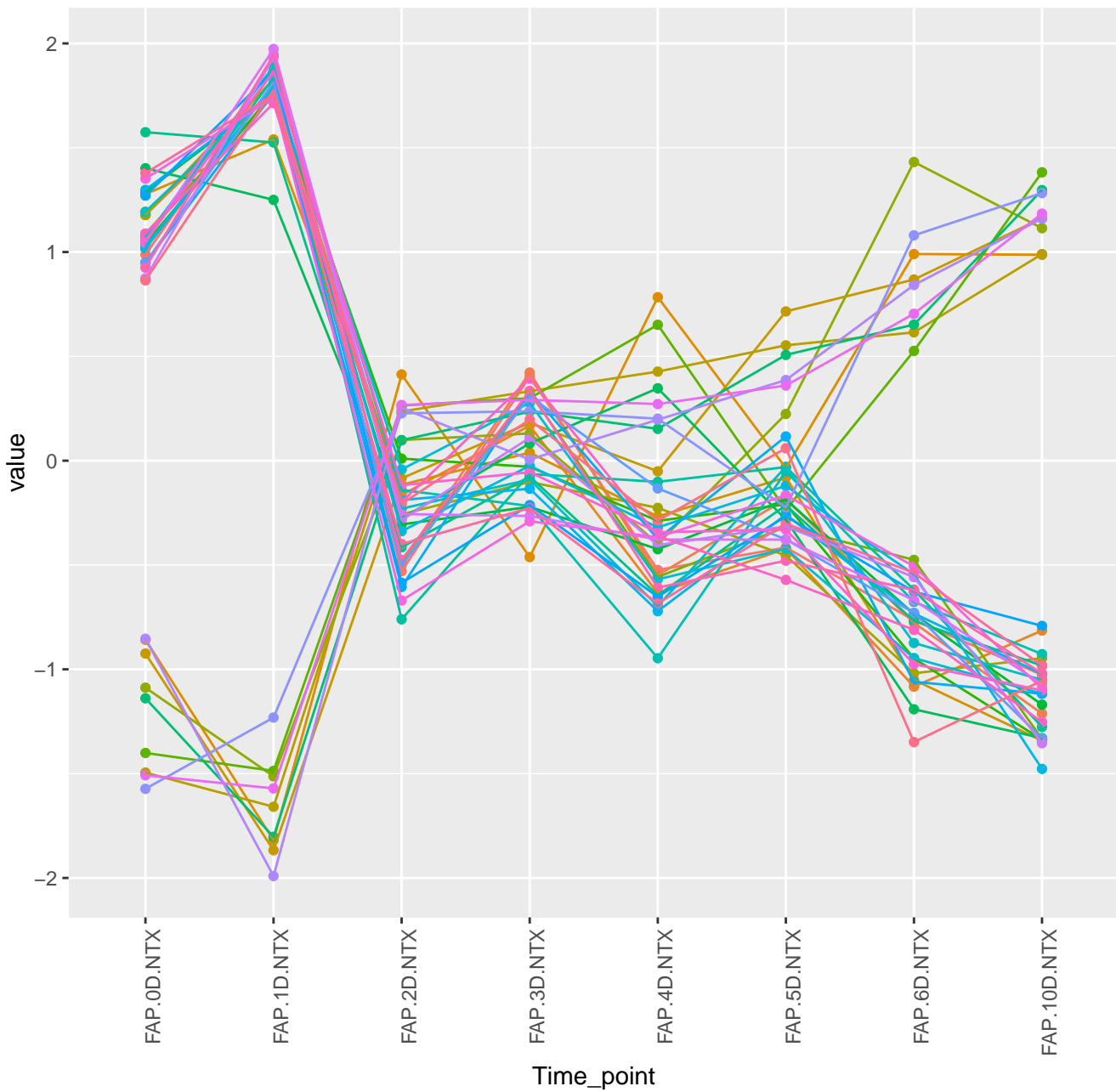
17 genes – cluster 298



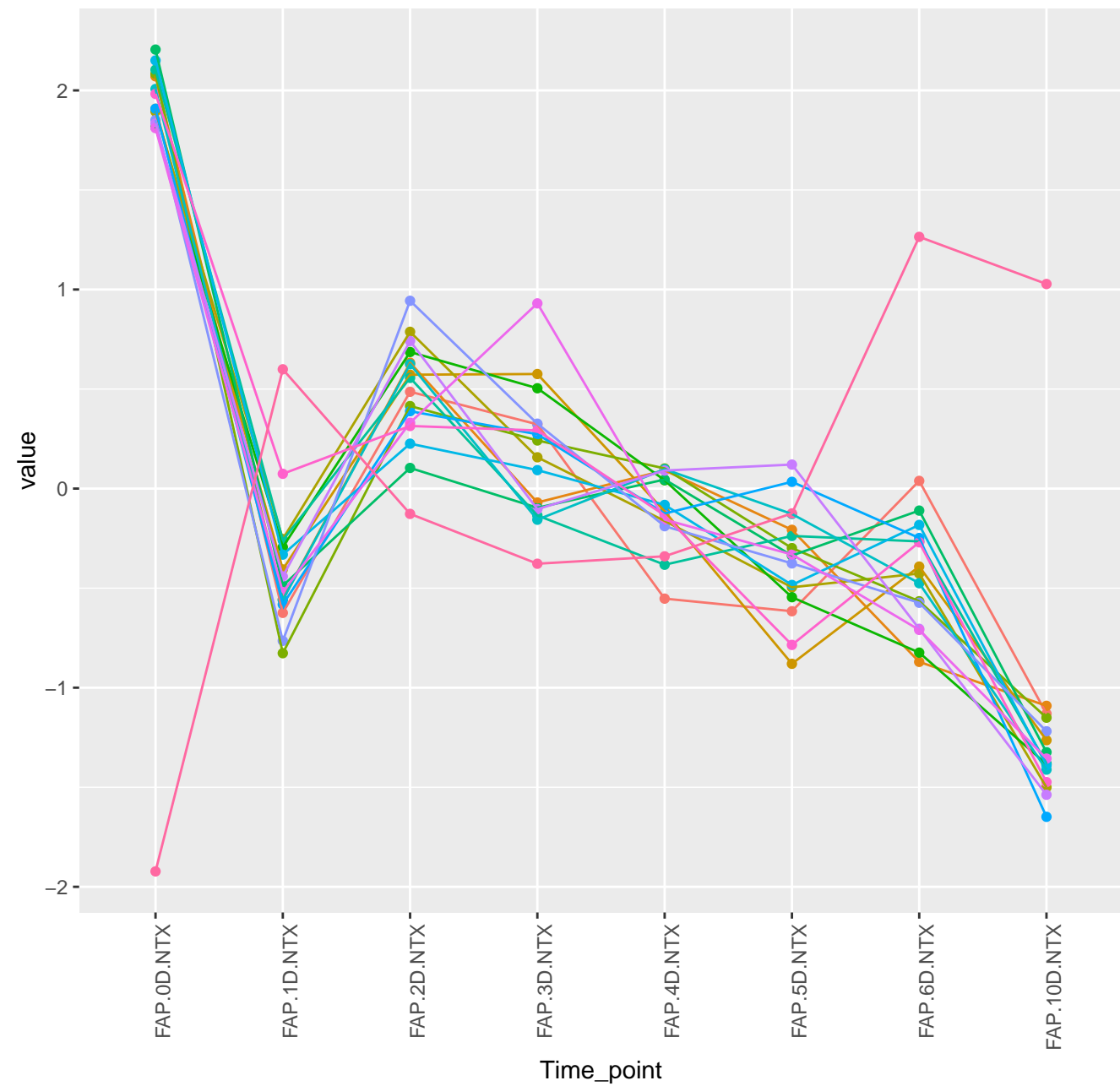
27 genes – cluster 299



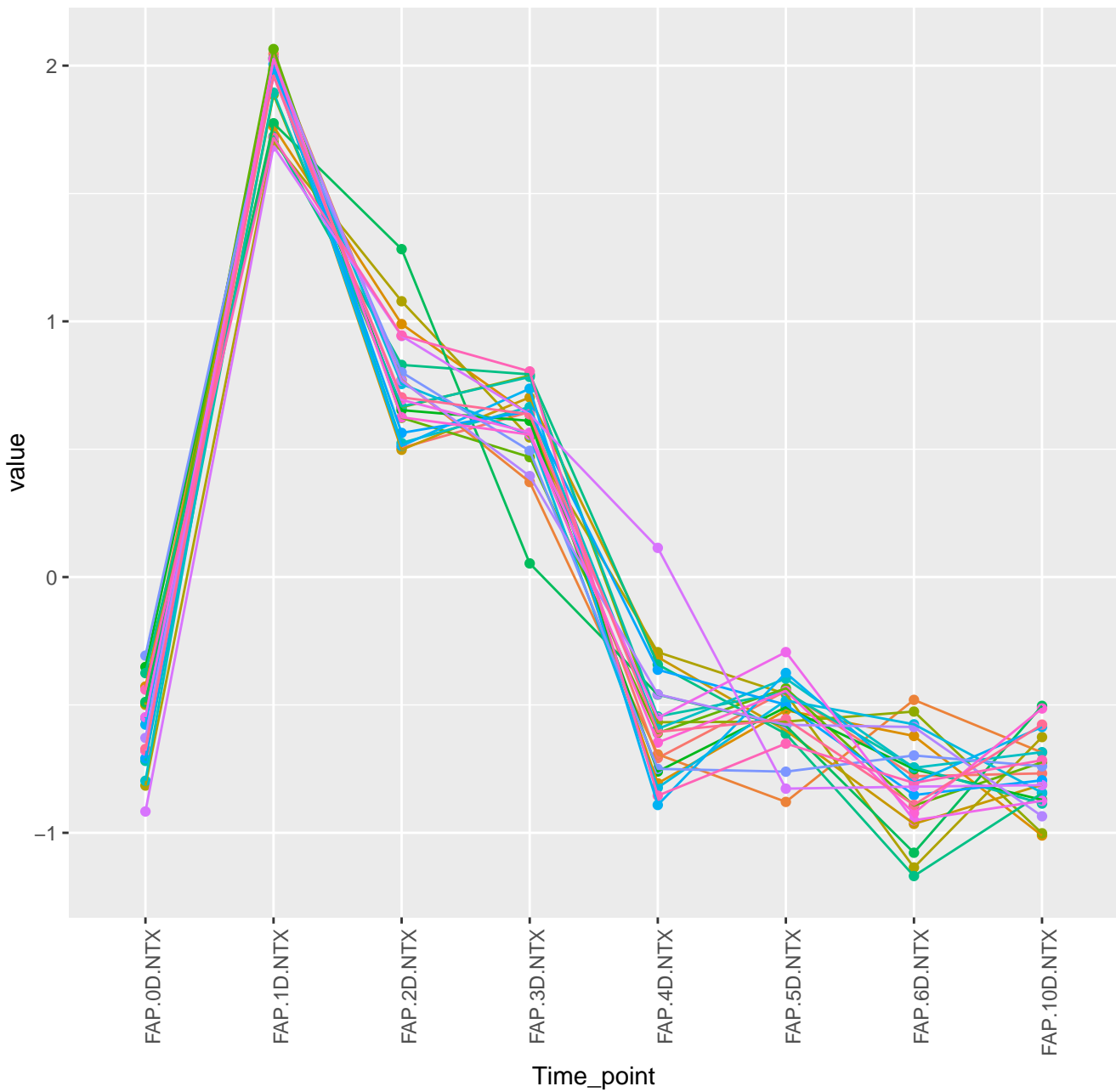
36 genes – cluster 300



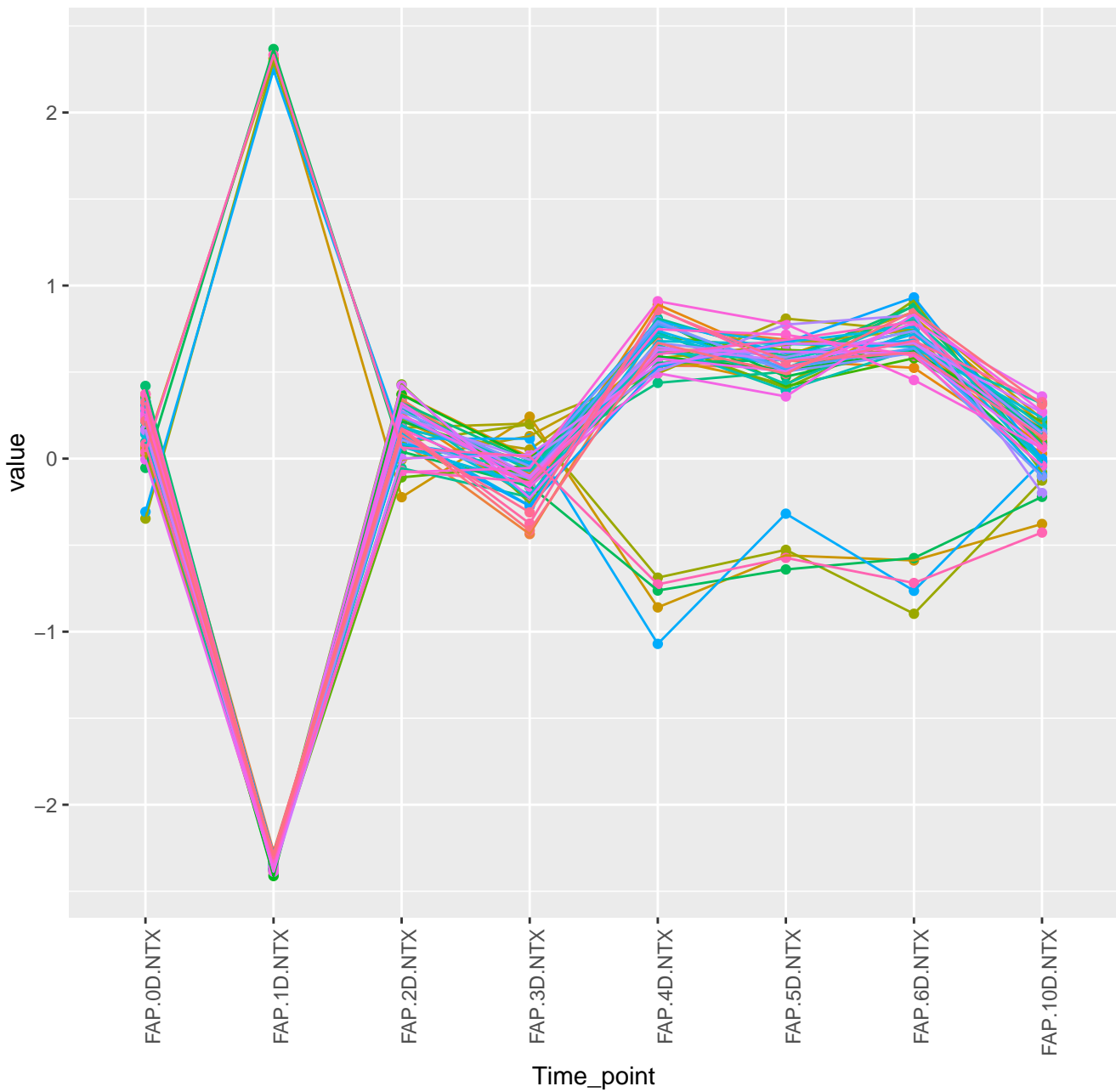
16 genes – cluster 301



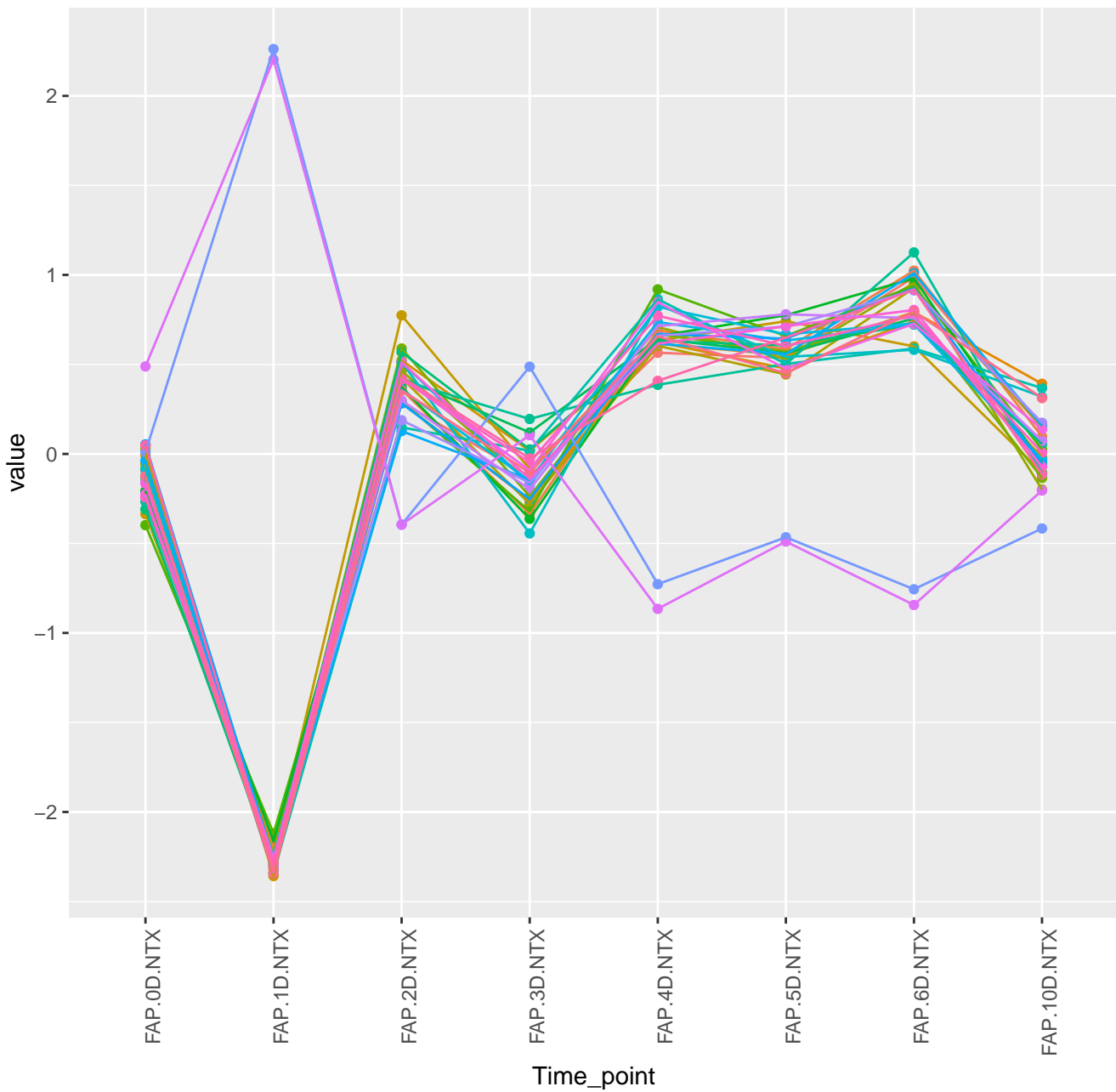
22 genes – cluster 302



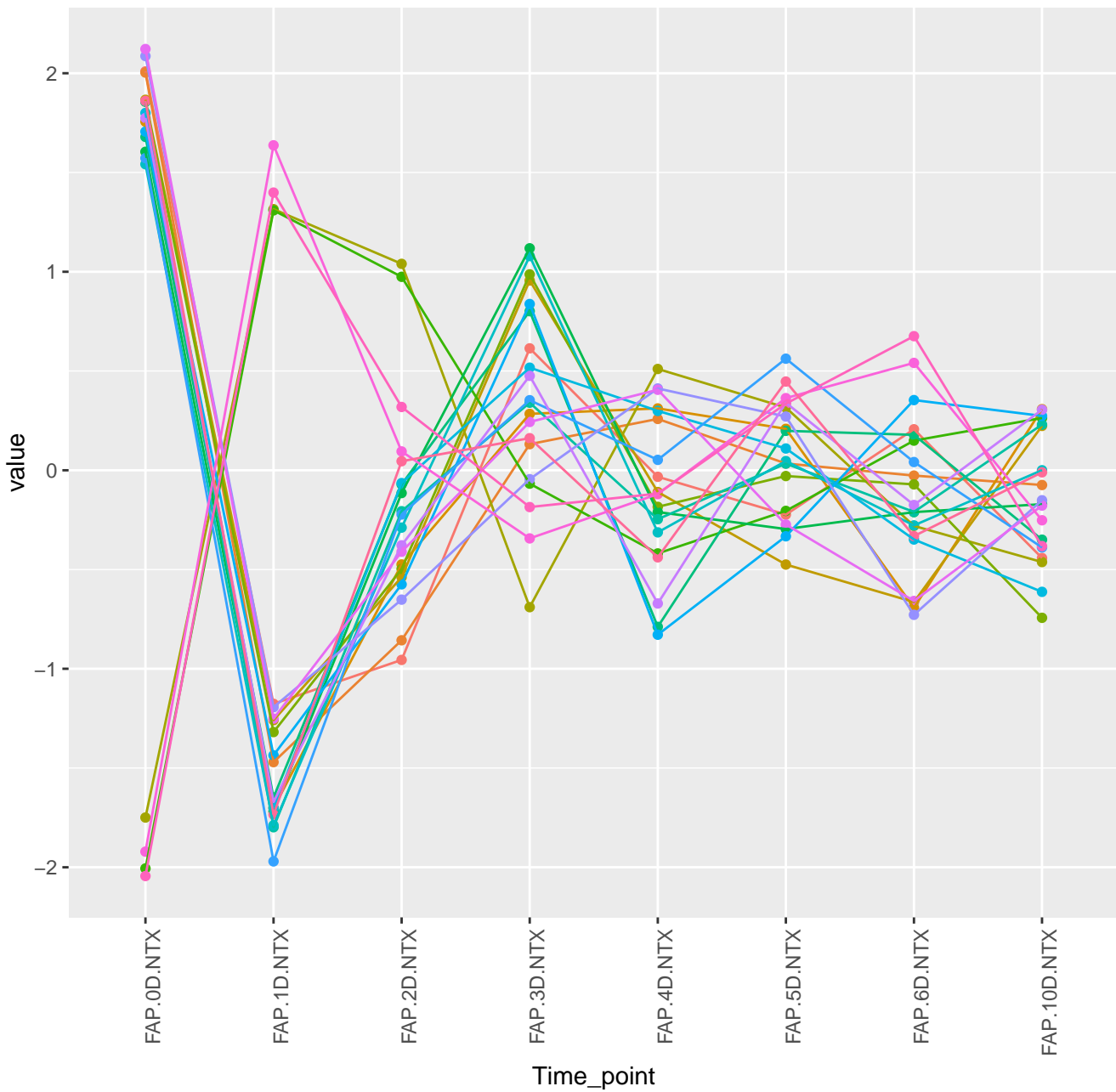
47 genes – cluster 303



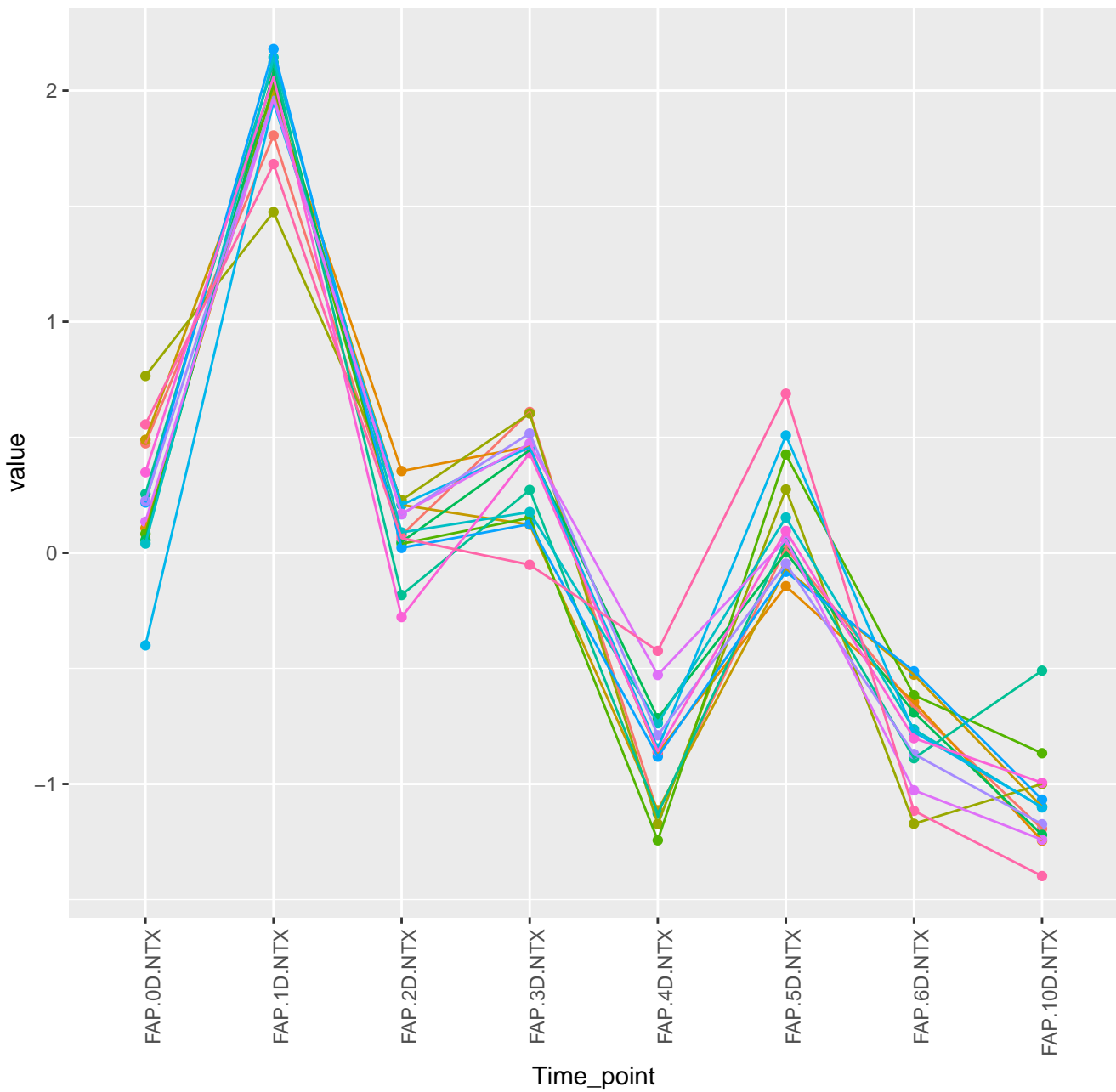
28 genes – cluster 304



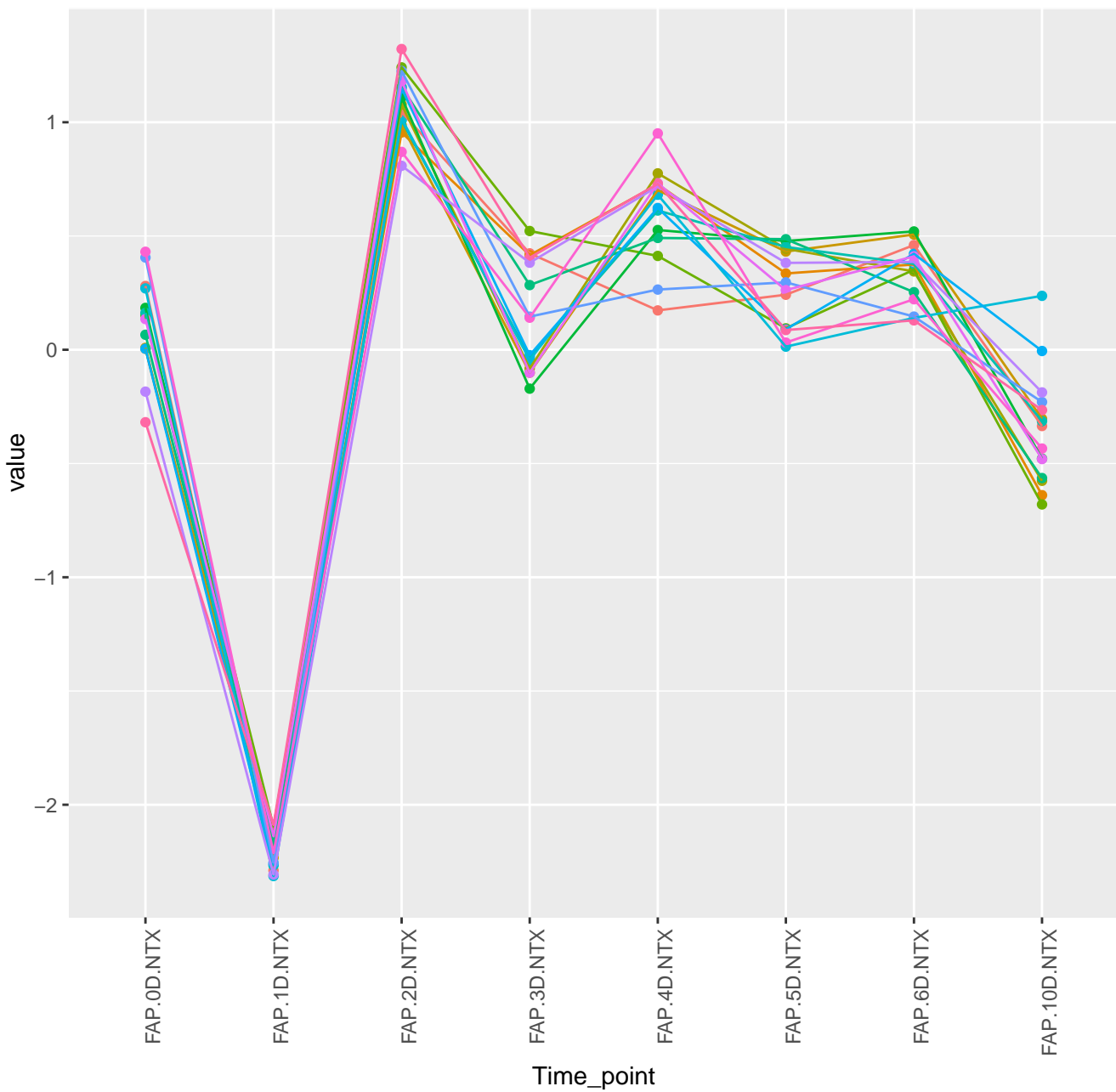
20 genes – cluster 305



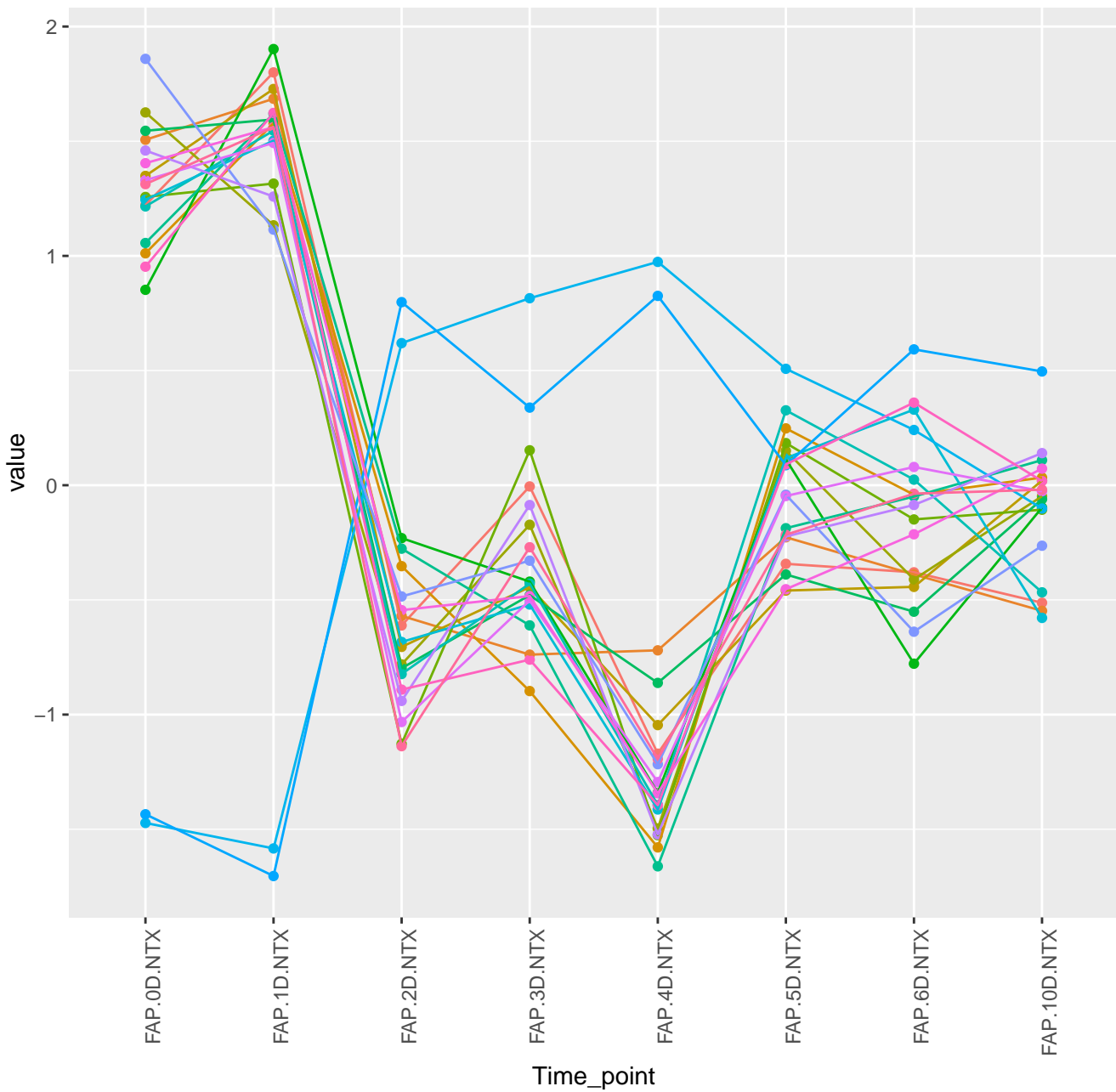
14 genes – cluster 306



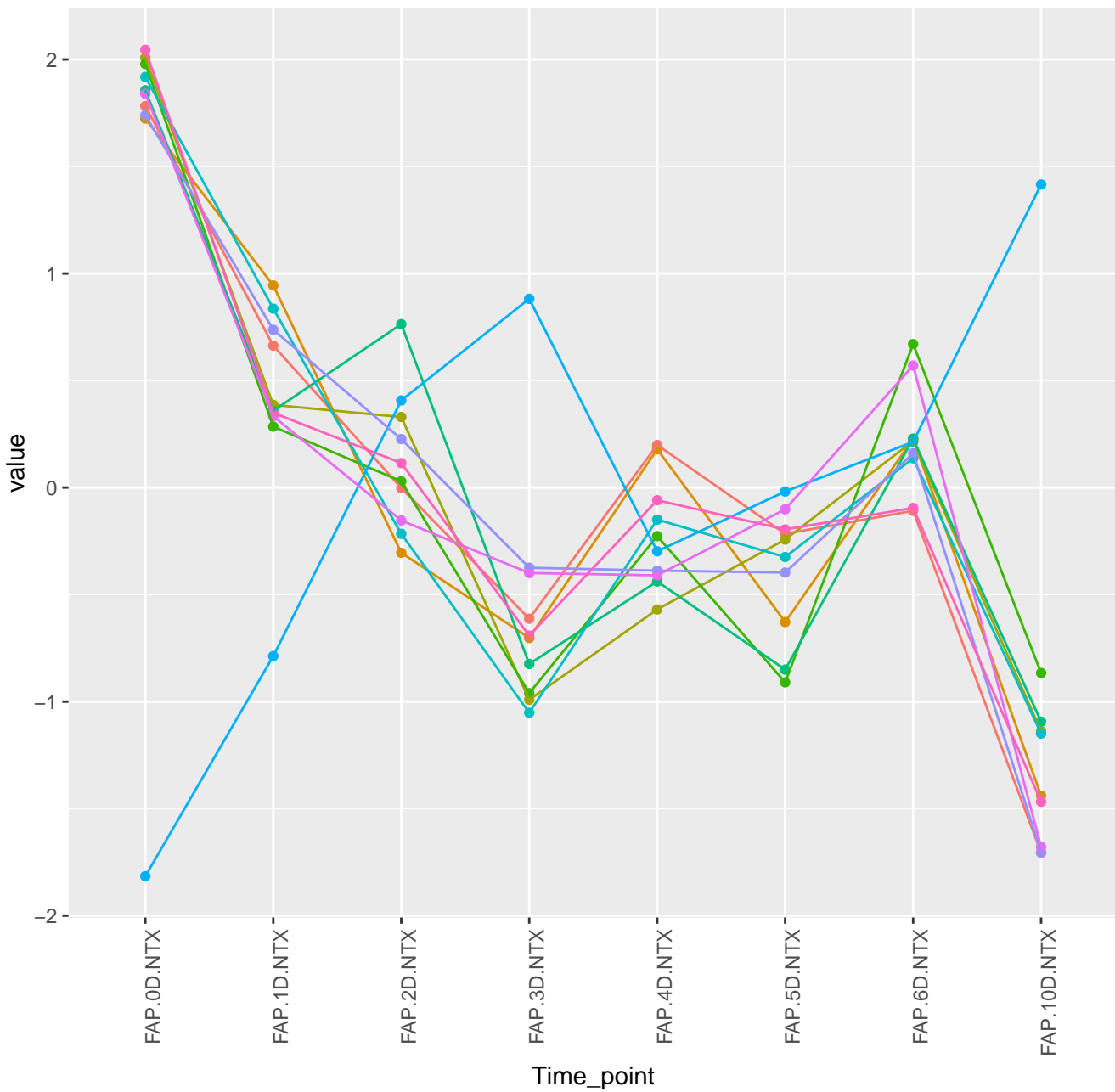
15 genes – cluster 307



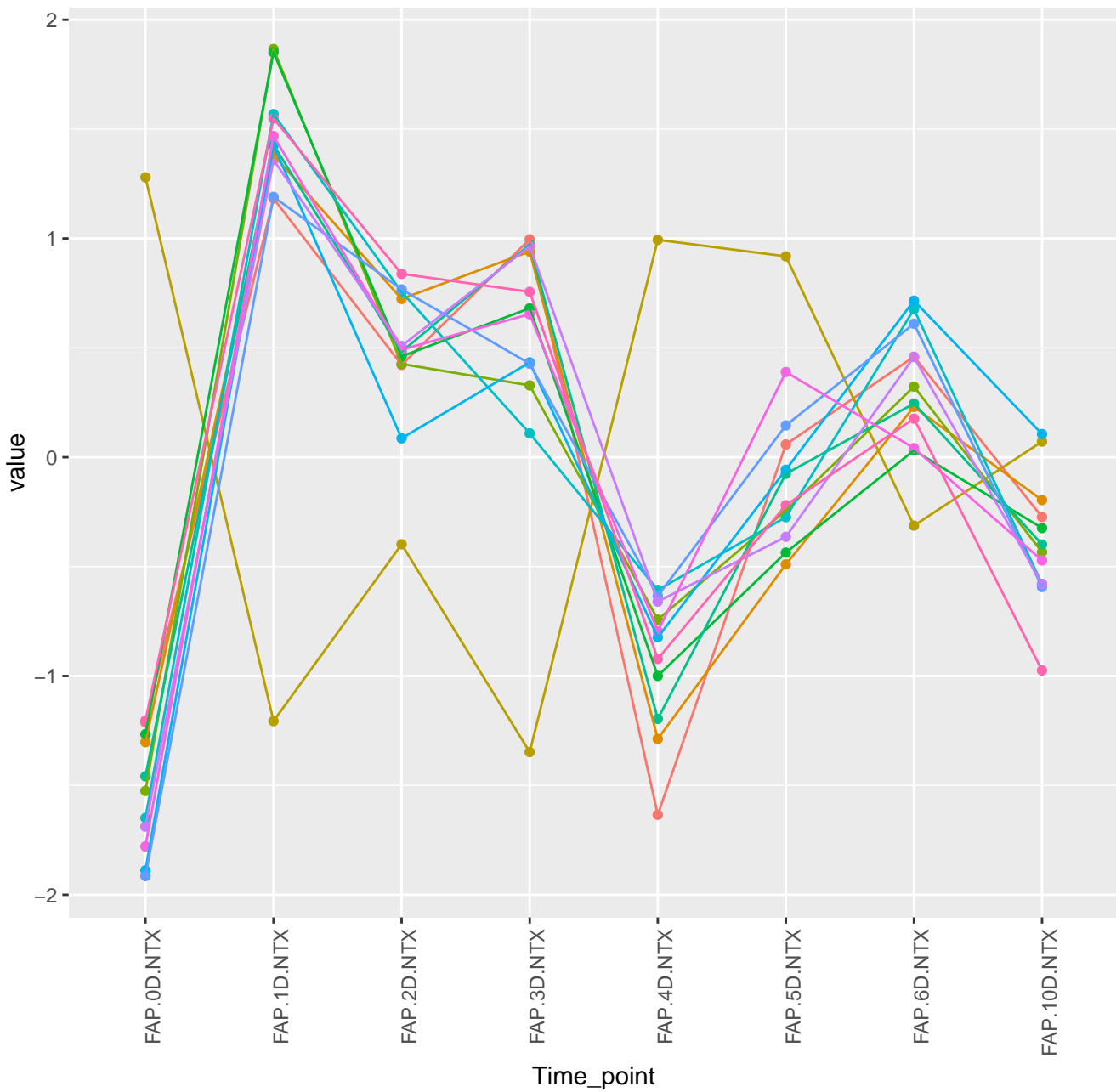
19 genes – cluster 308



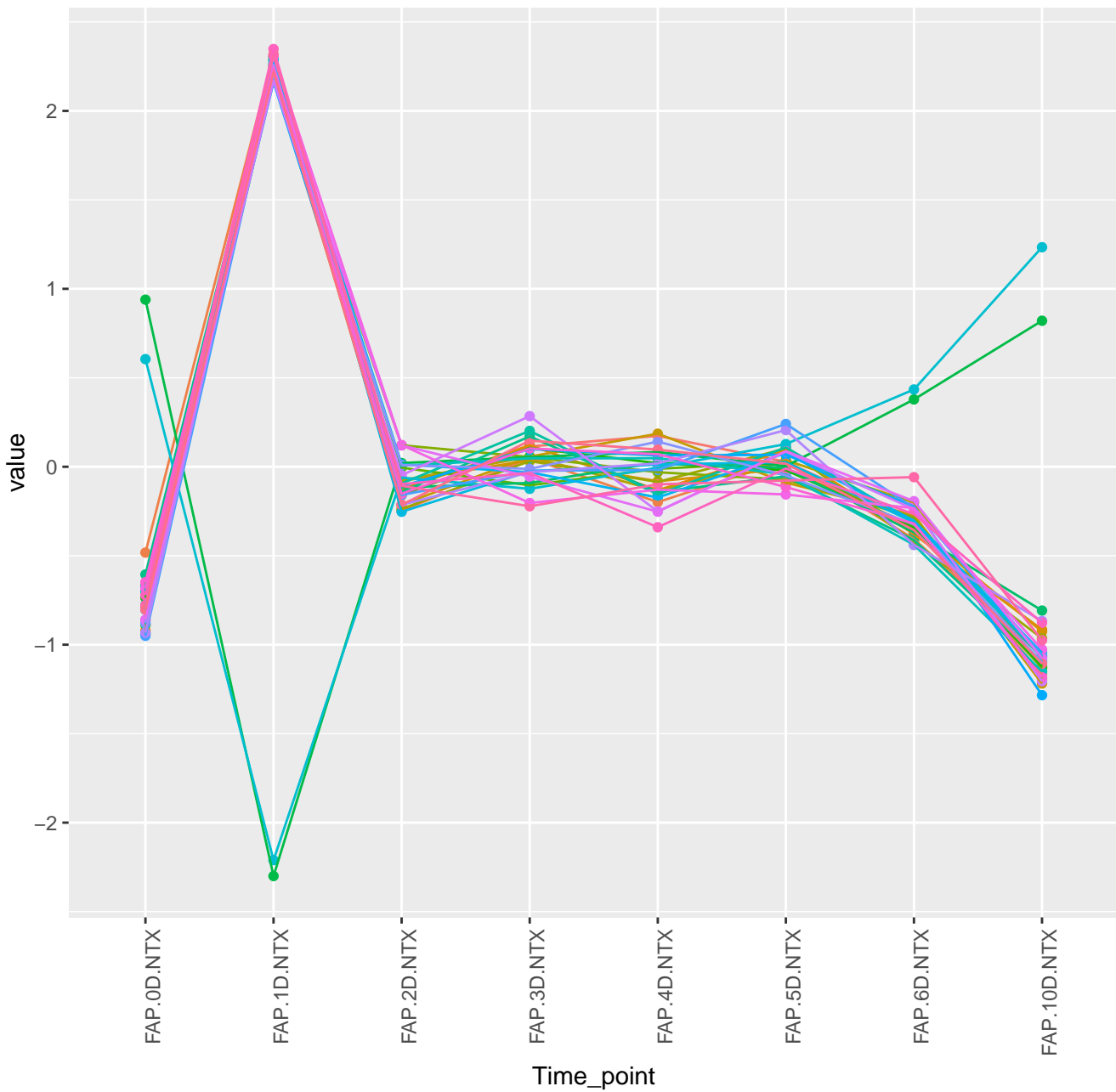
10 genes – cluster 309



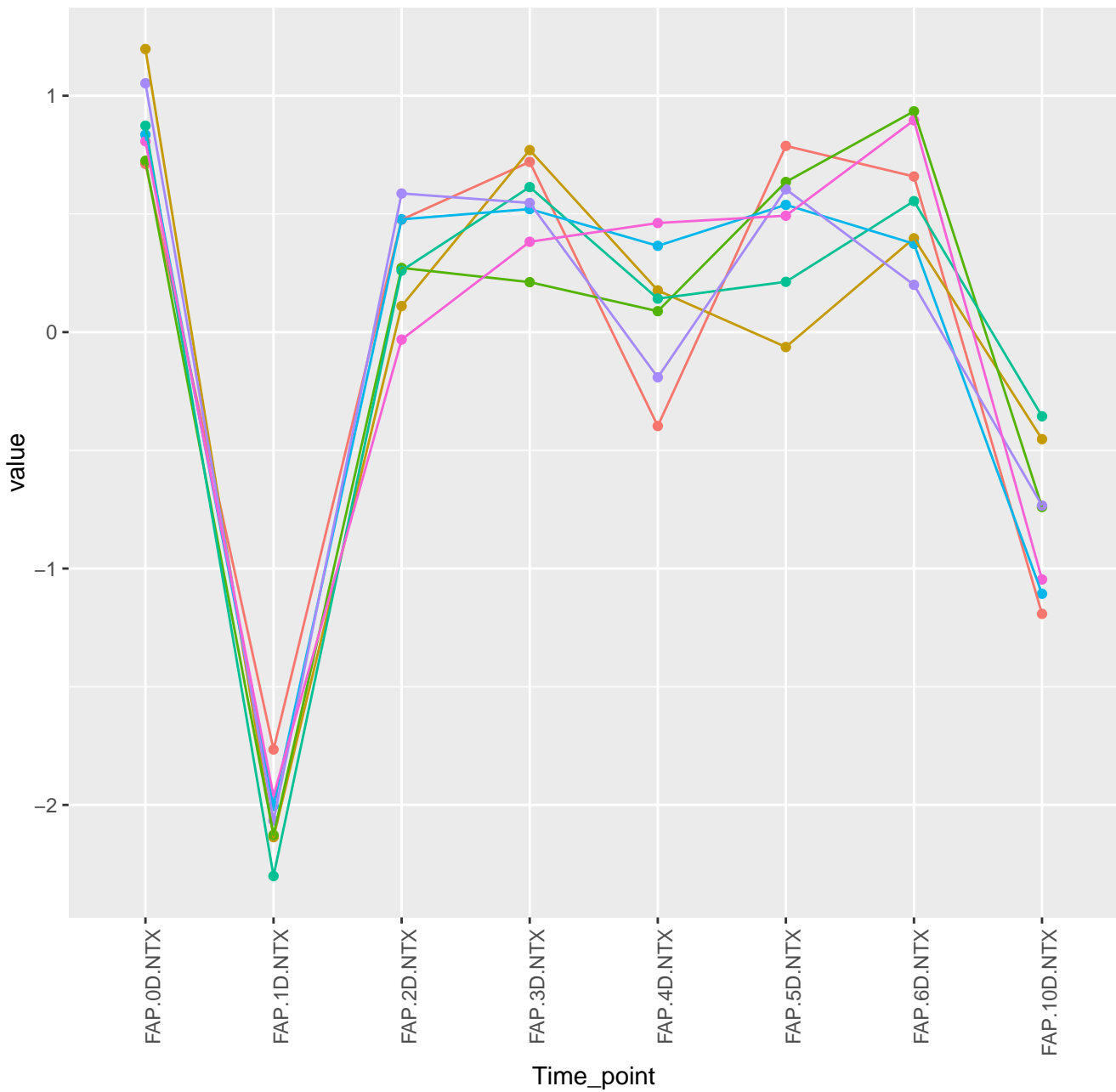
12 genes – cluster 310



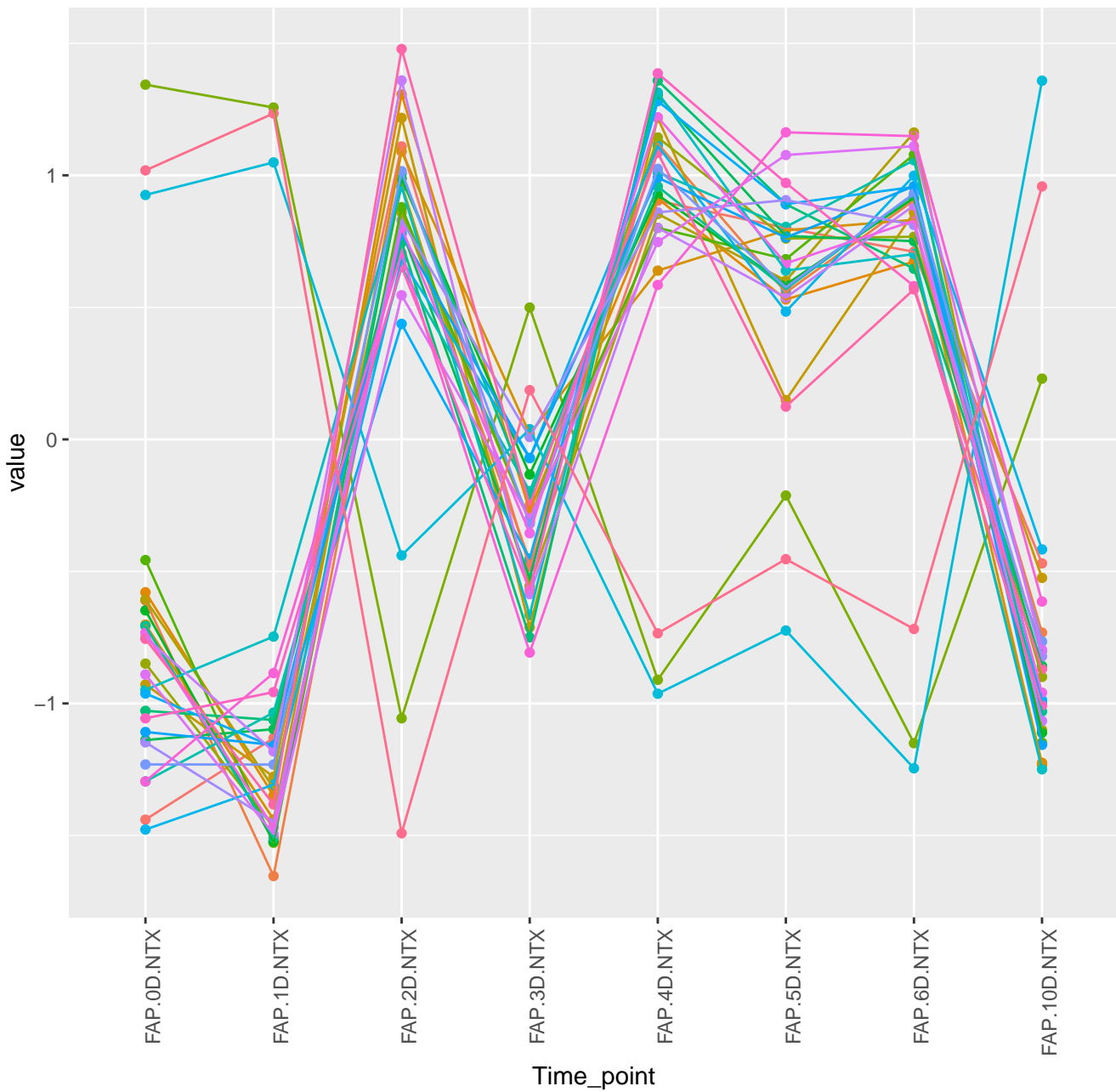
29 genes – cluster 311



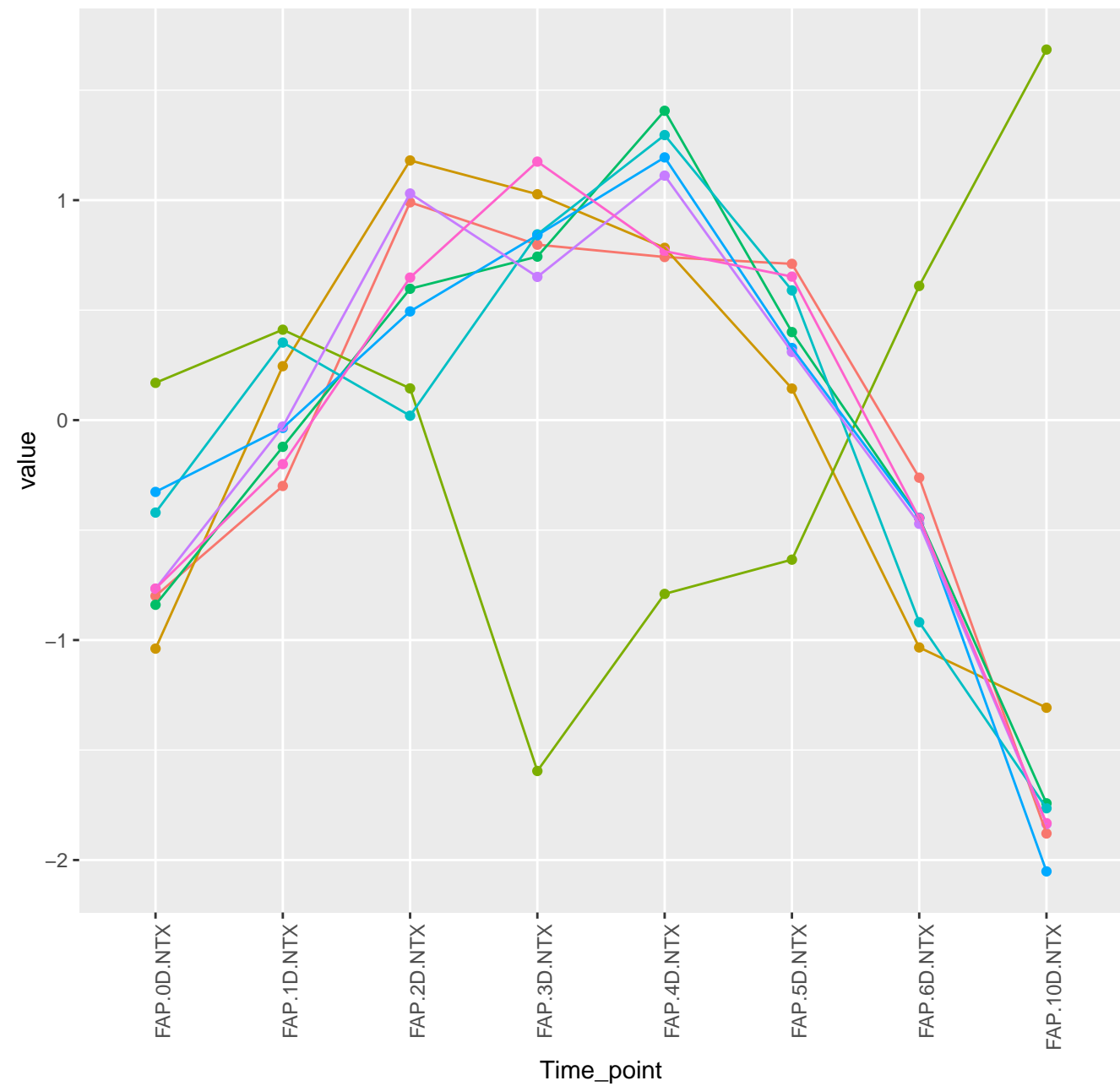
7 genes – cluster 312



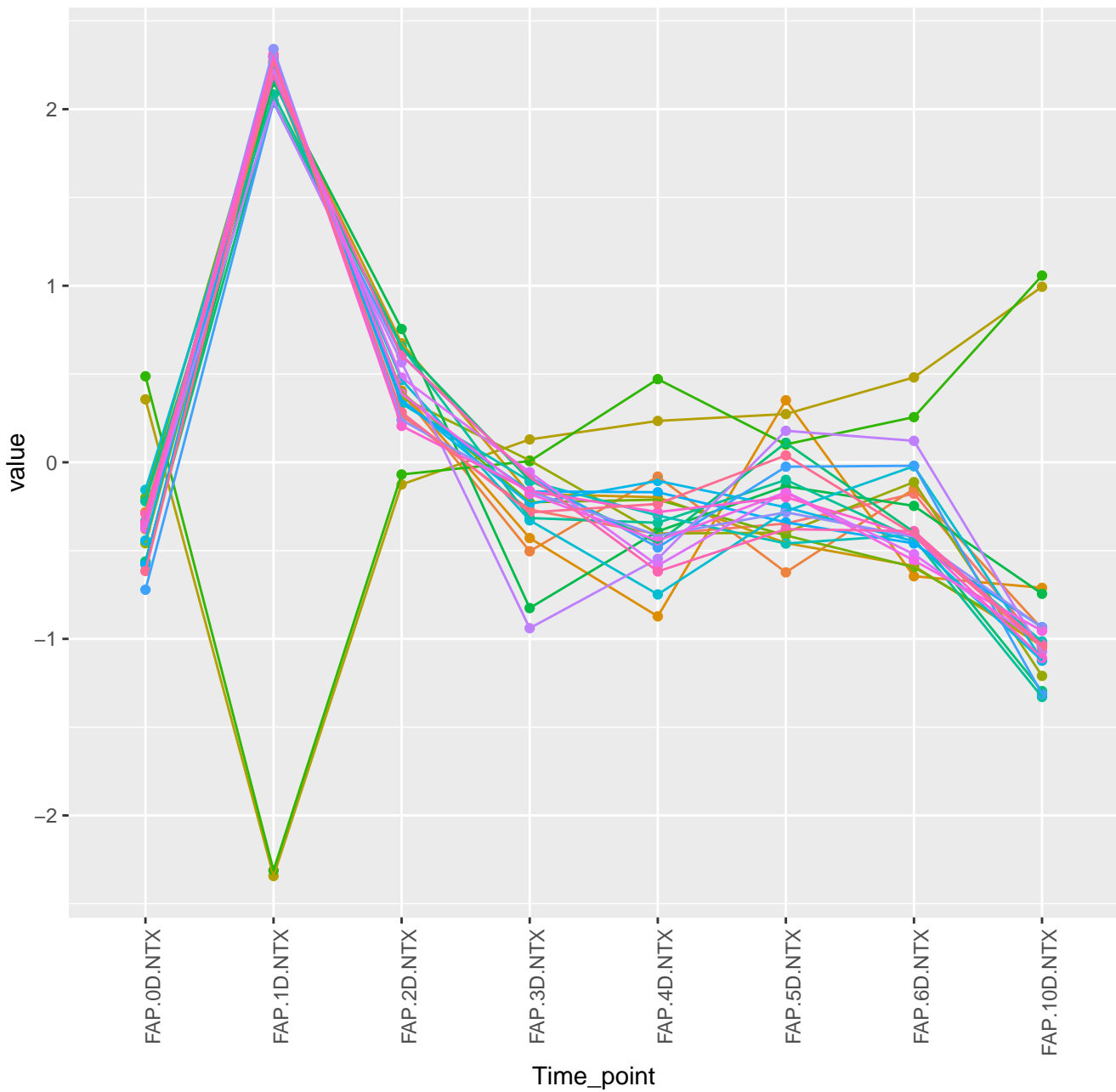
28 genes – cluster 313



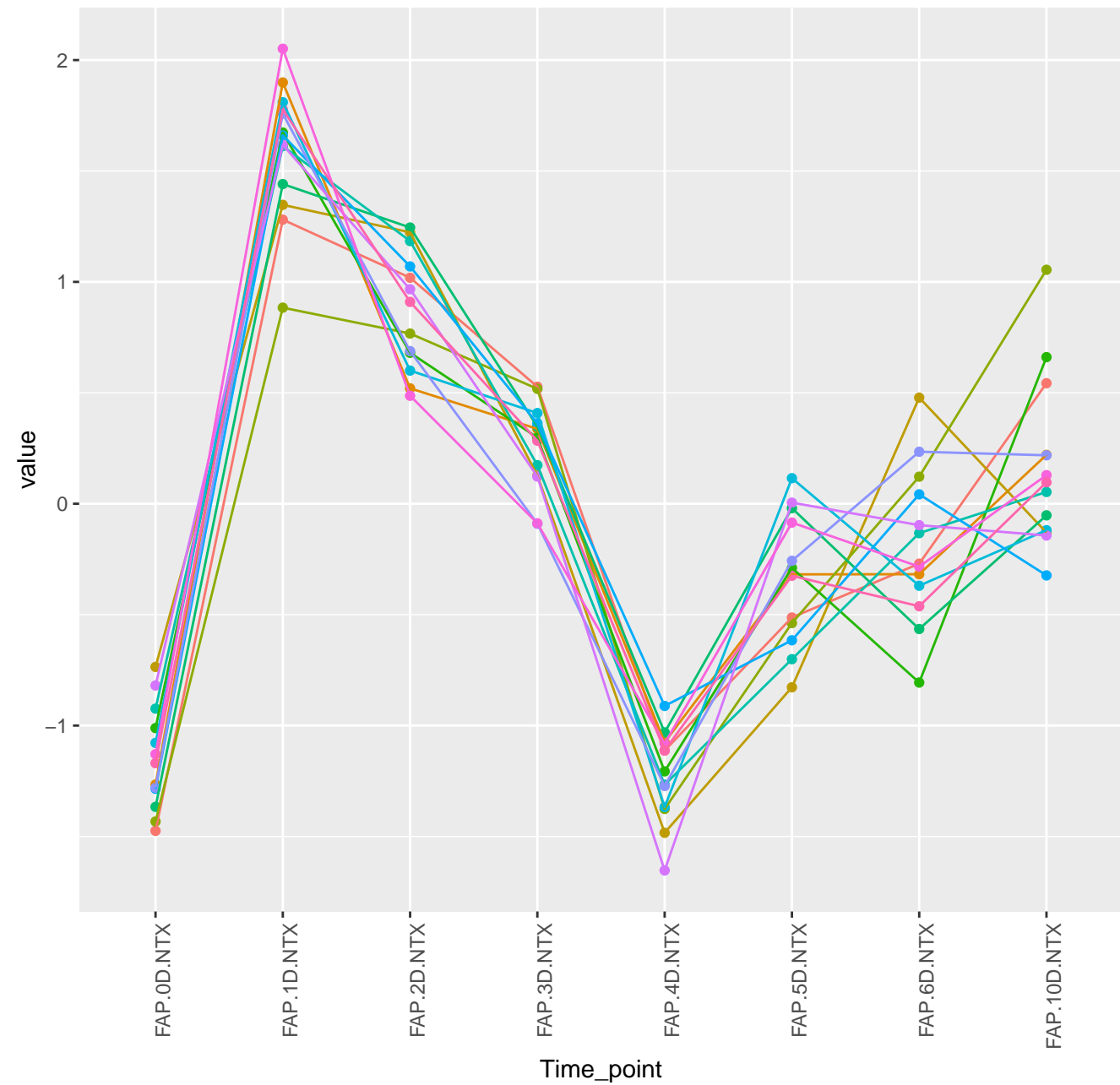
8 genes – cluster 314



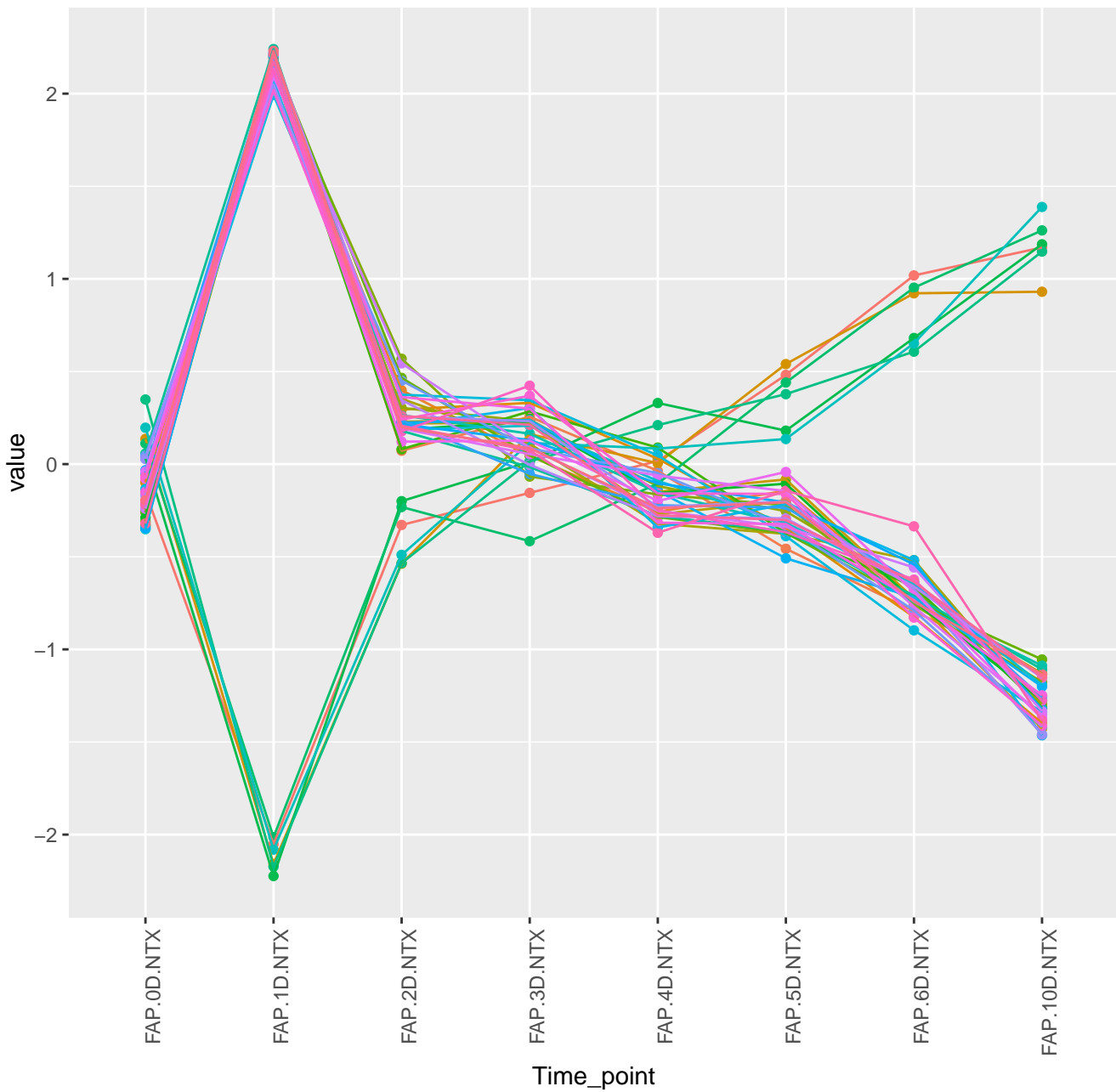
23 genes – cluster 315



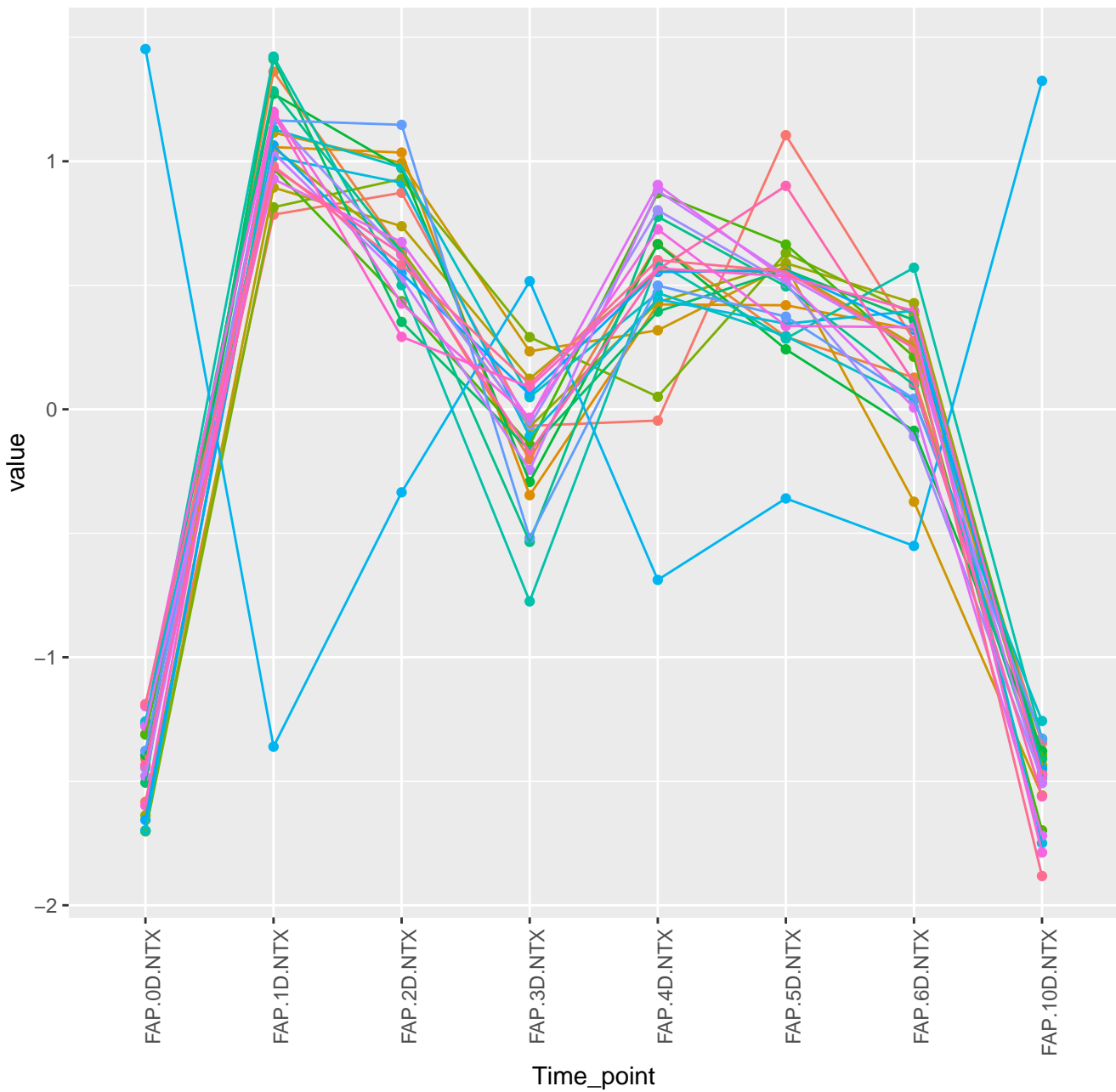
13 genes – cluster 316



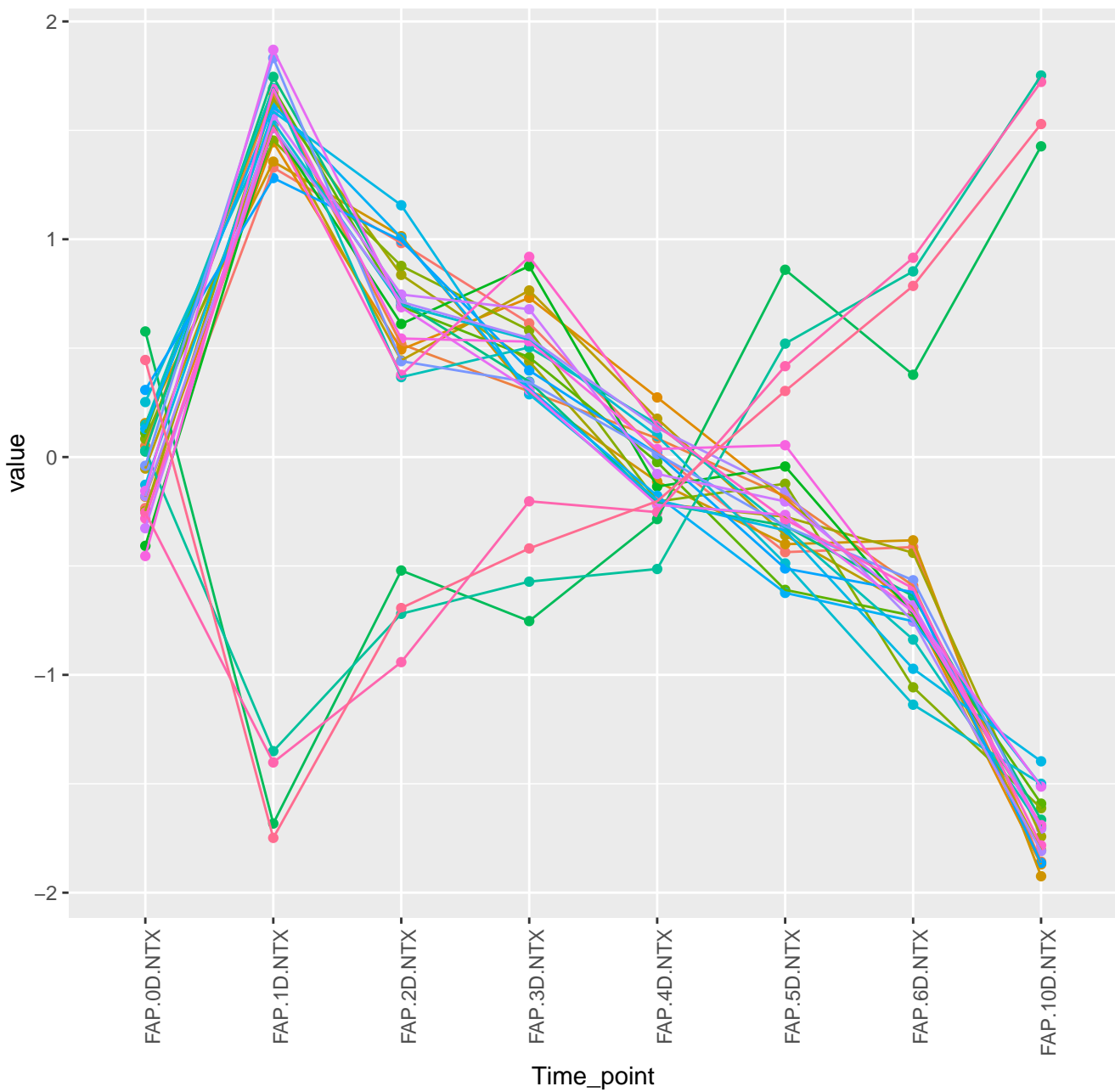
37 genes – cluster 317



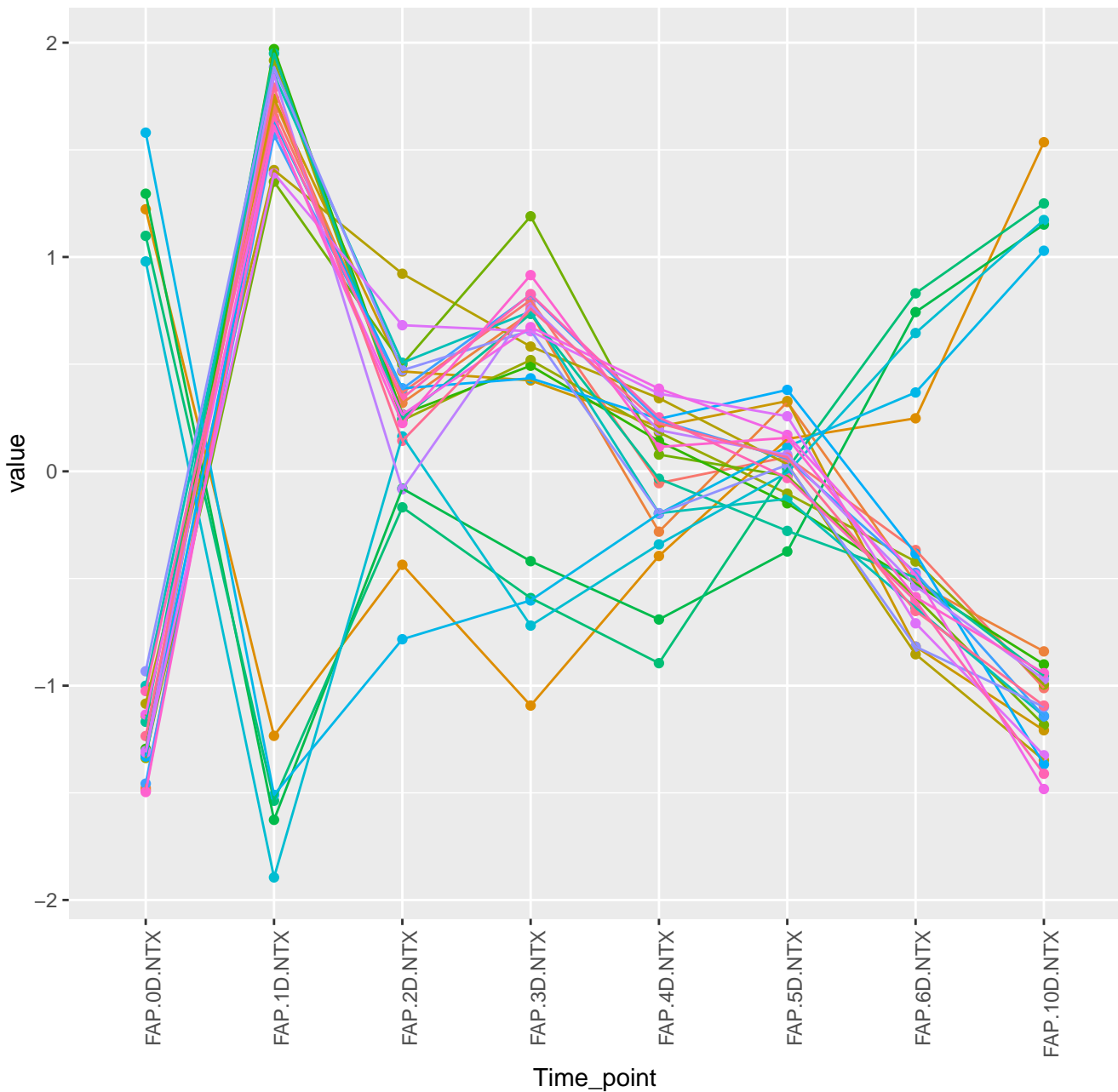
24 genes – cluster 318



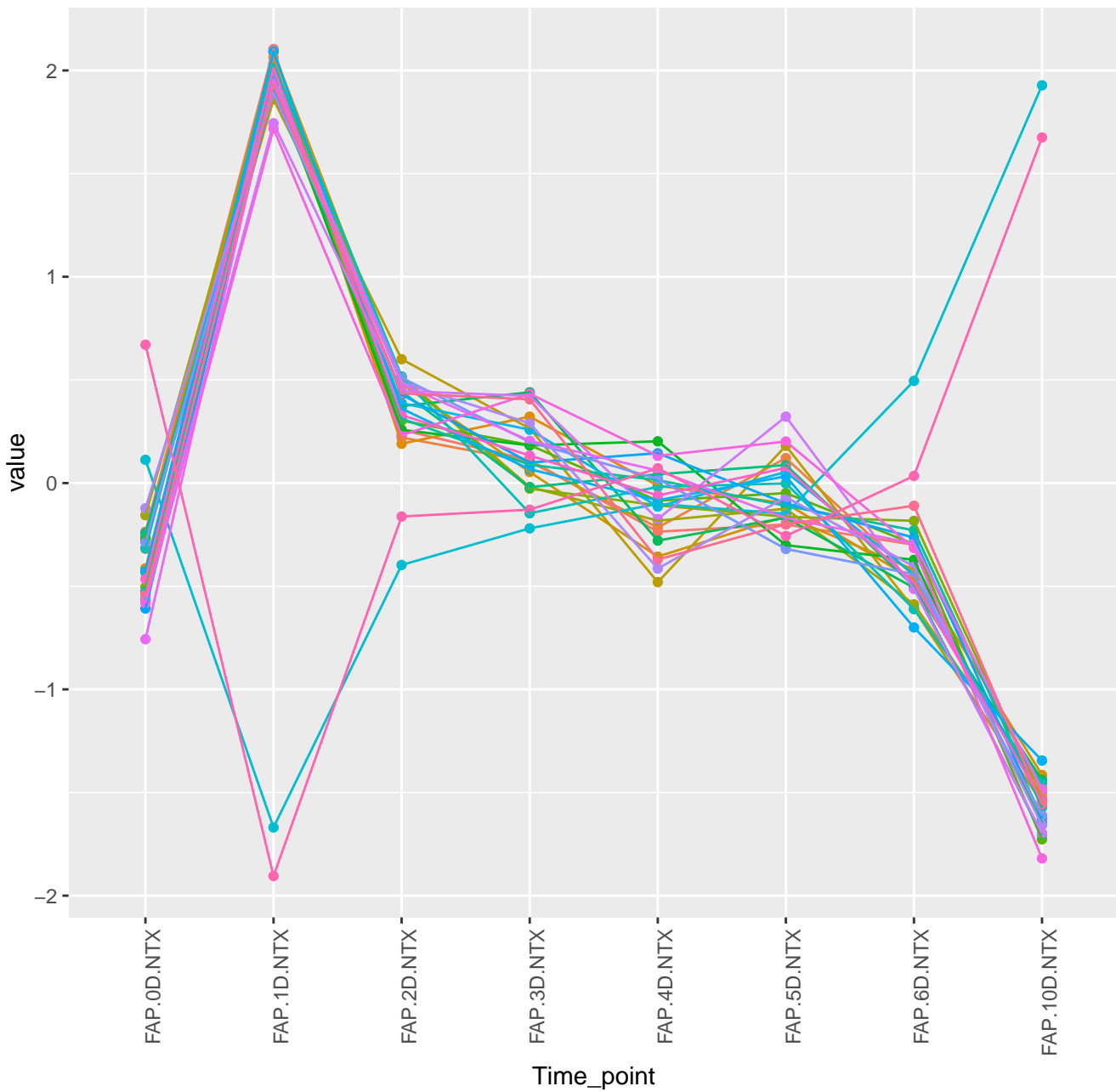
25 genes – cluster 319



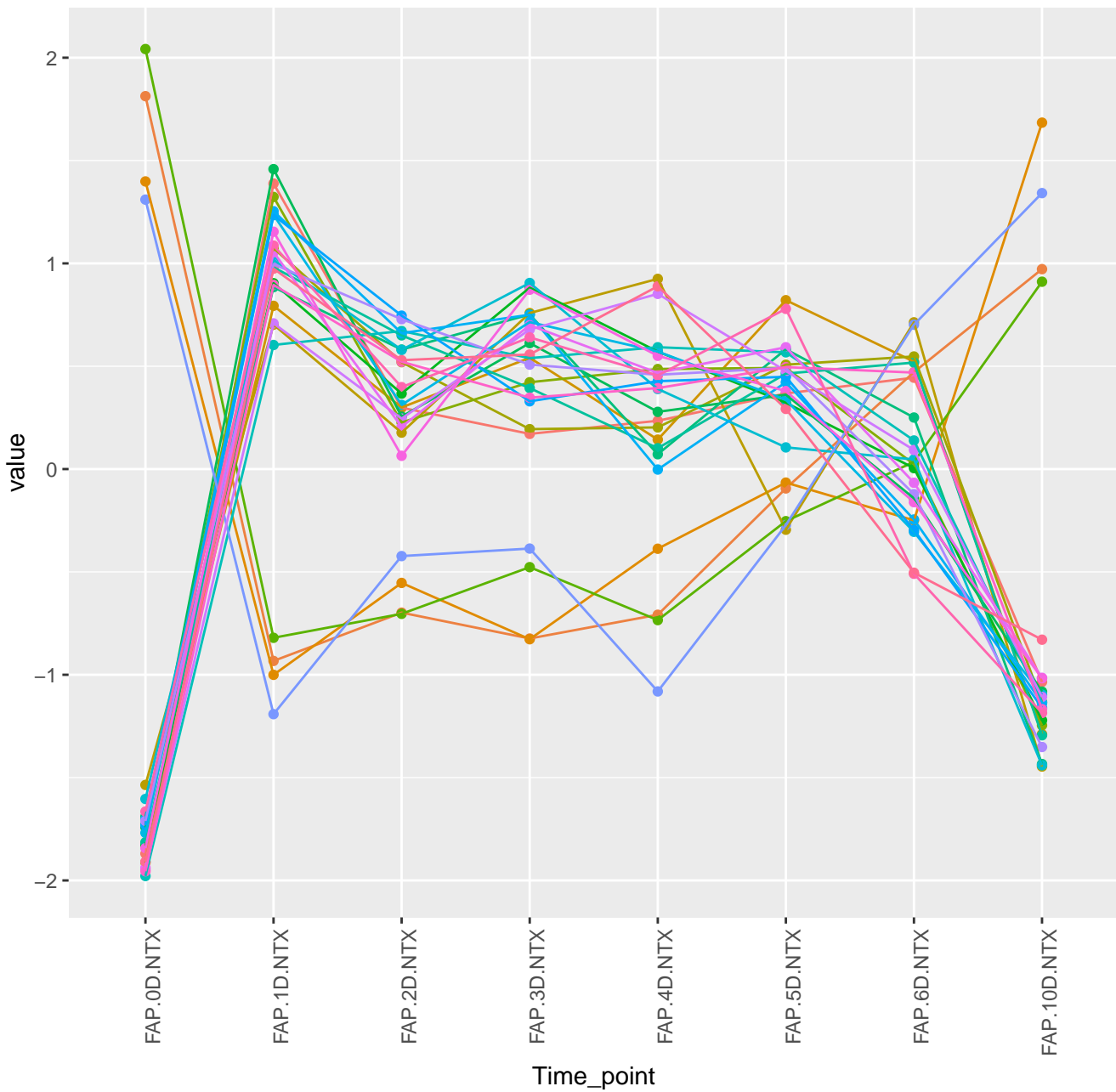
23 genes – cluster 320



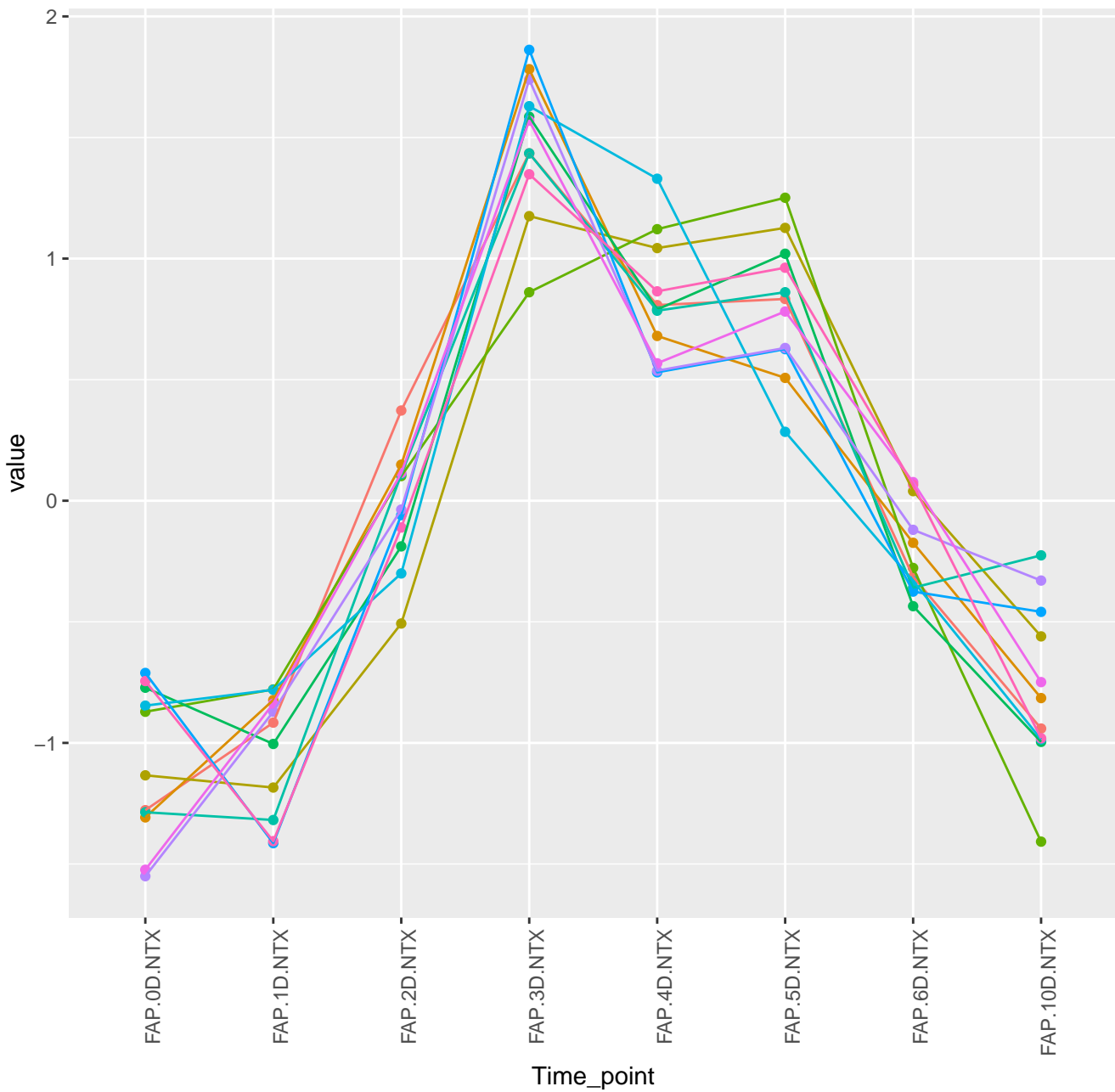
25 genes – cluster 321



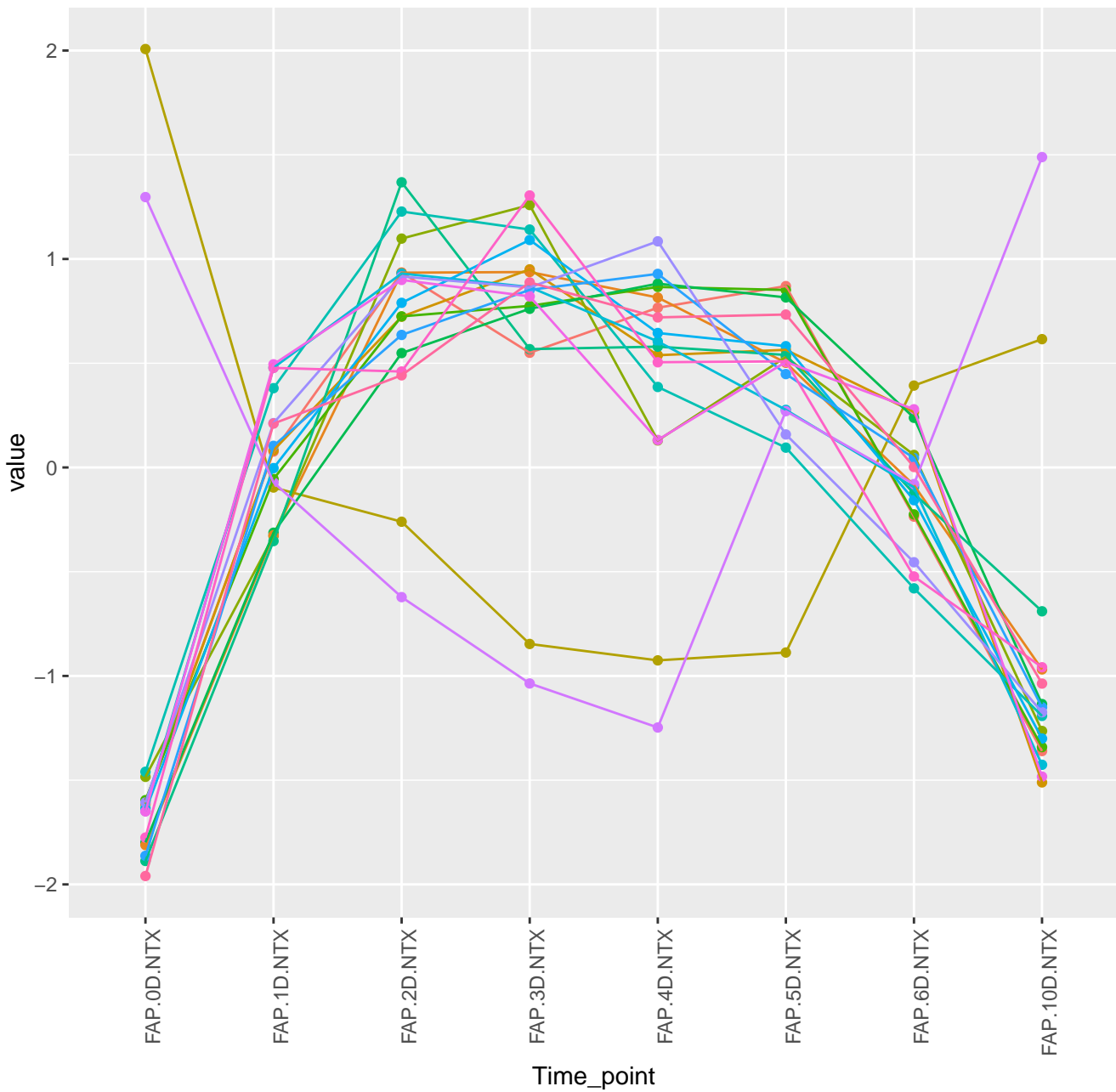
25 genes – cluster 322



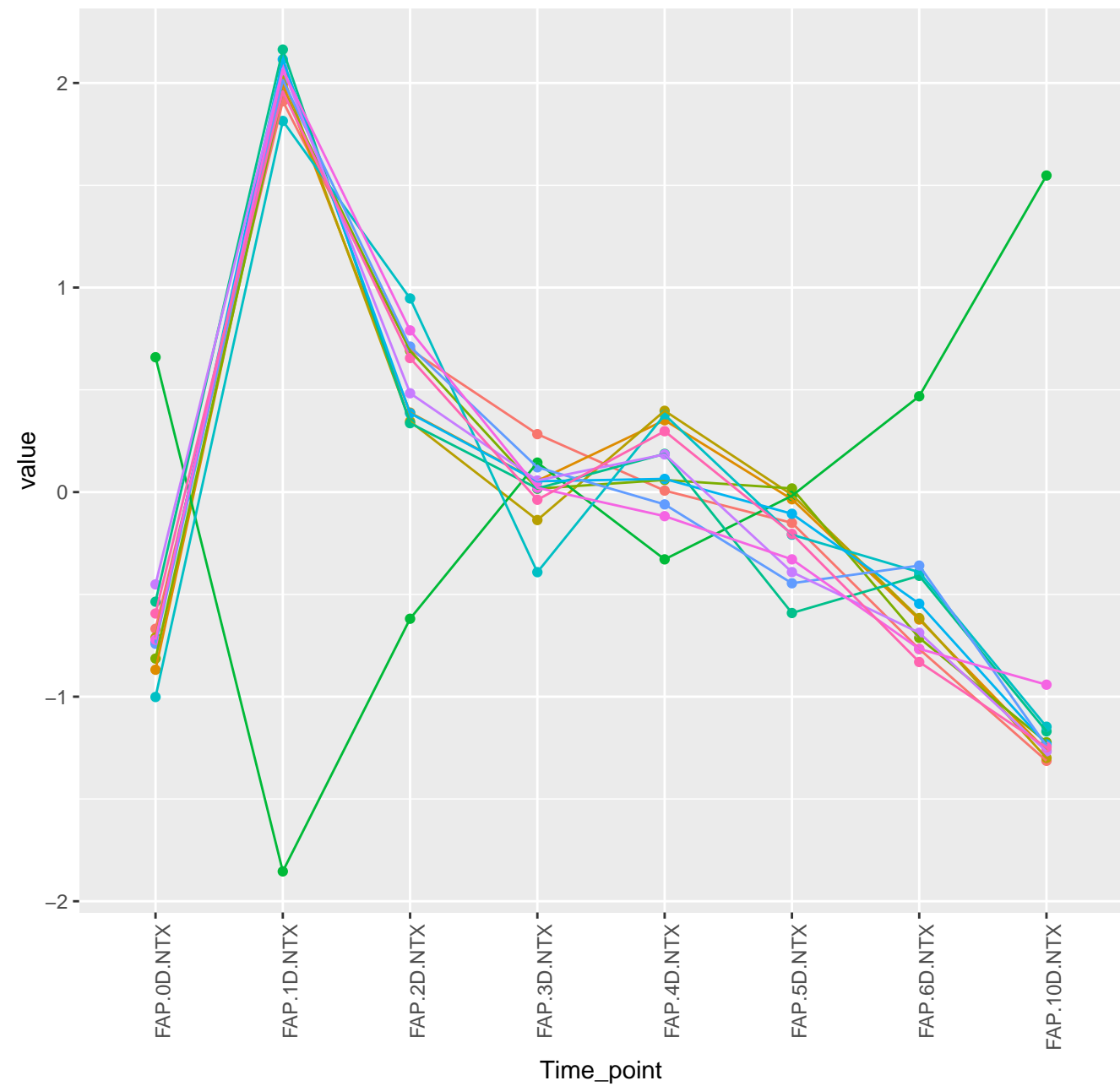
11 genes – cluster 323



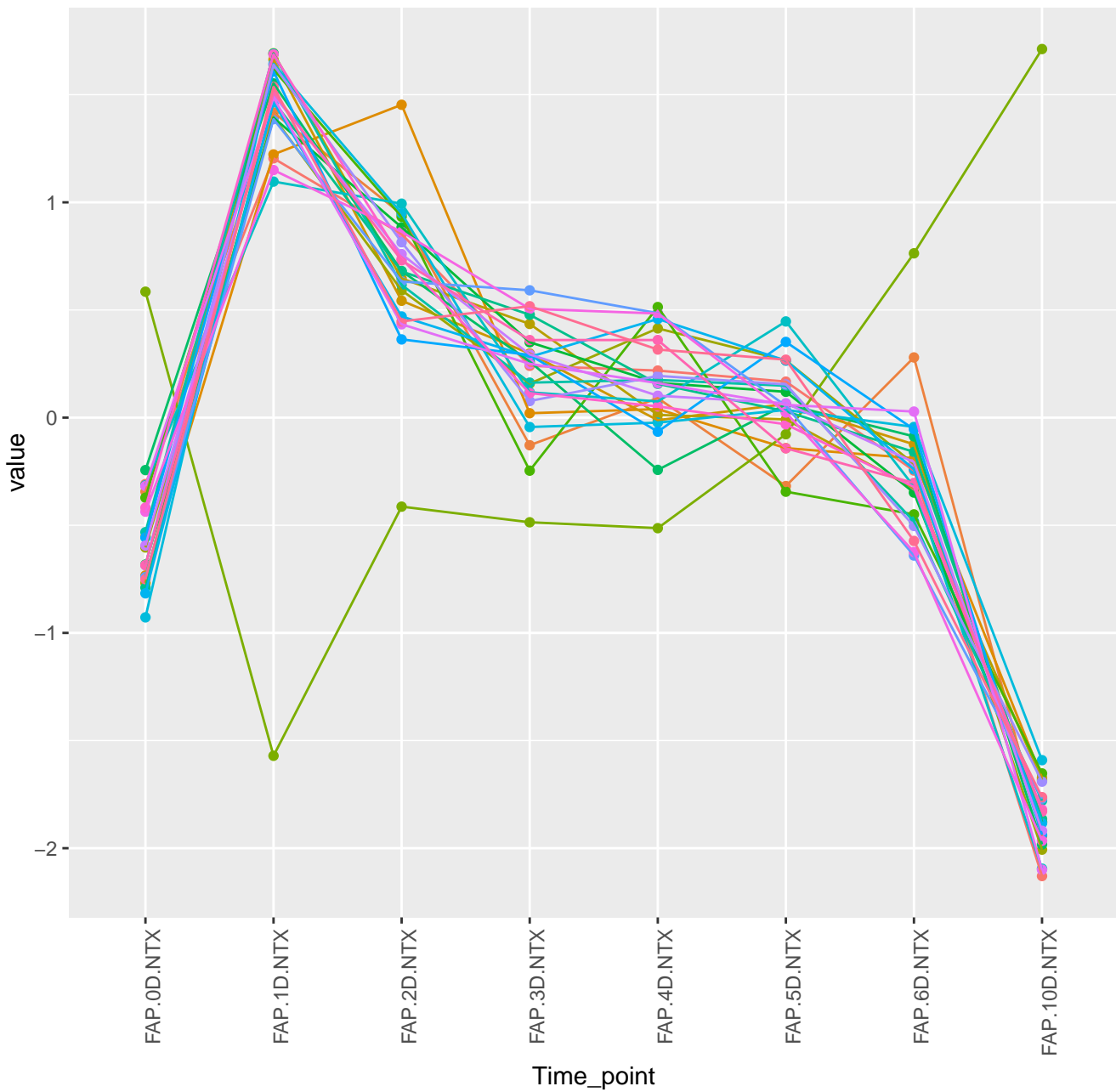
17 genes – cluster 324



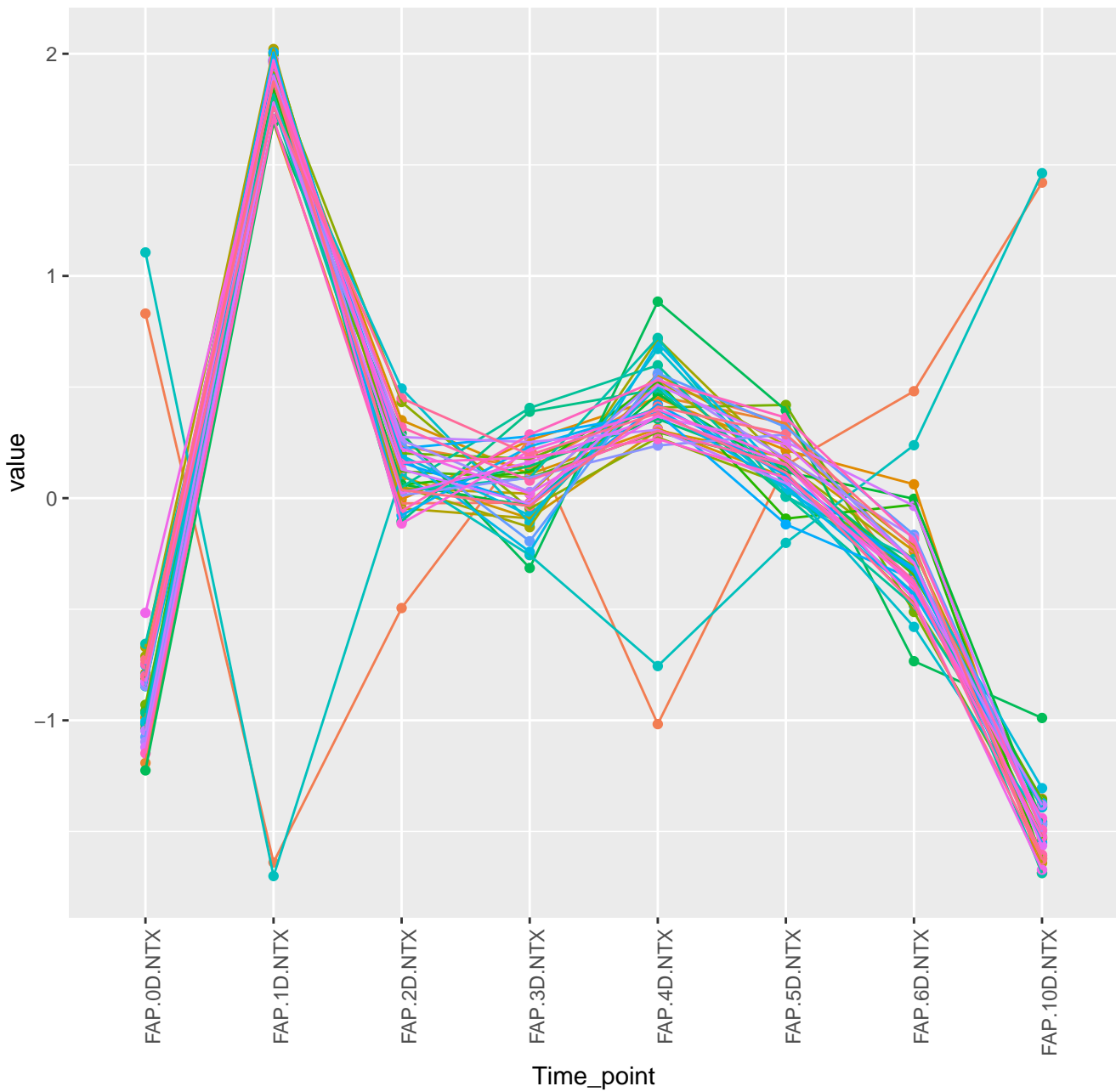
12 genes – cluster 325



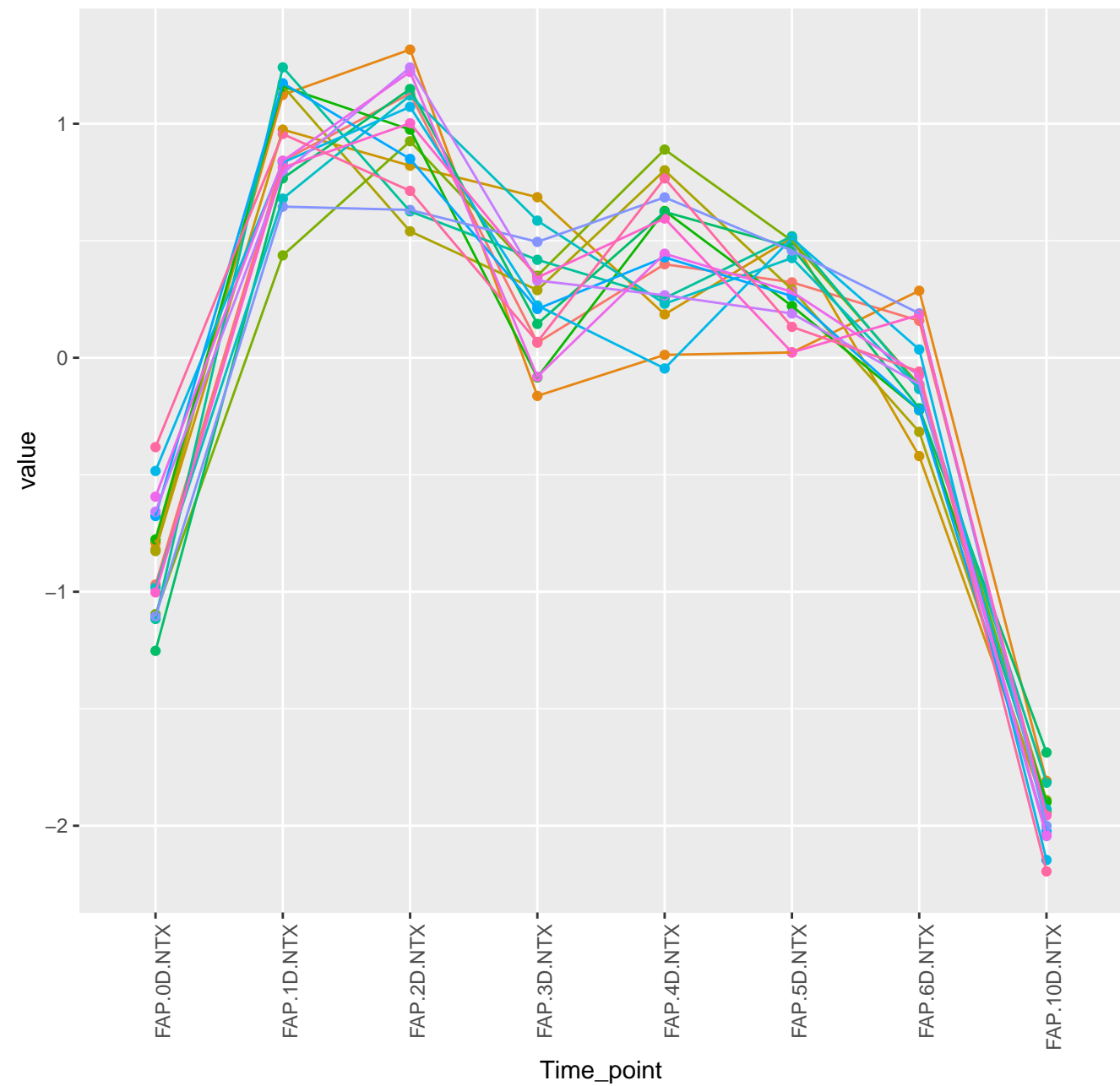
24 genes – cluster 326



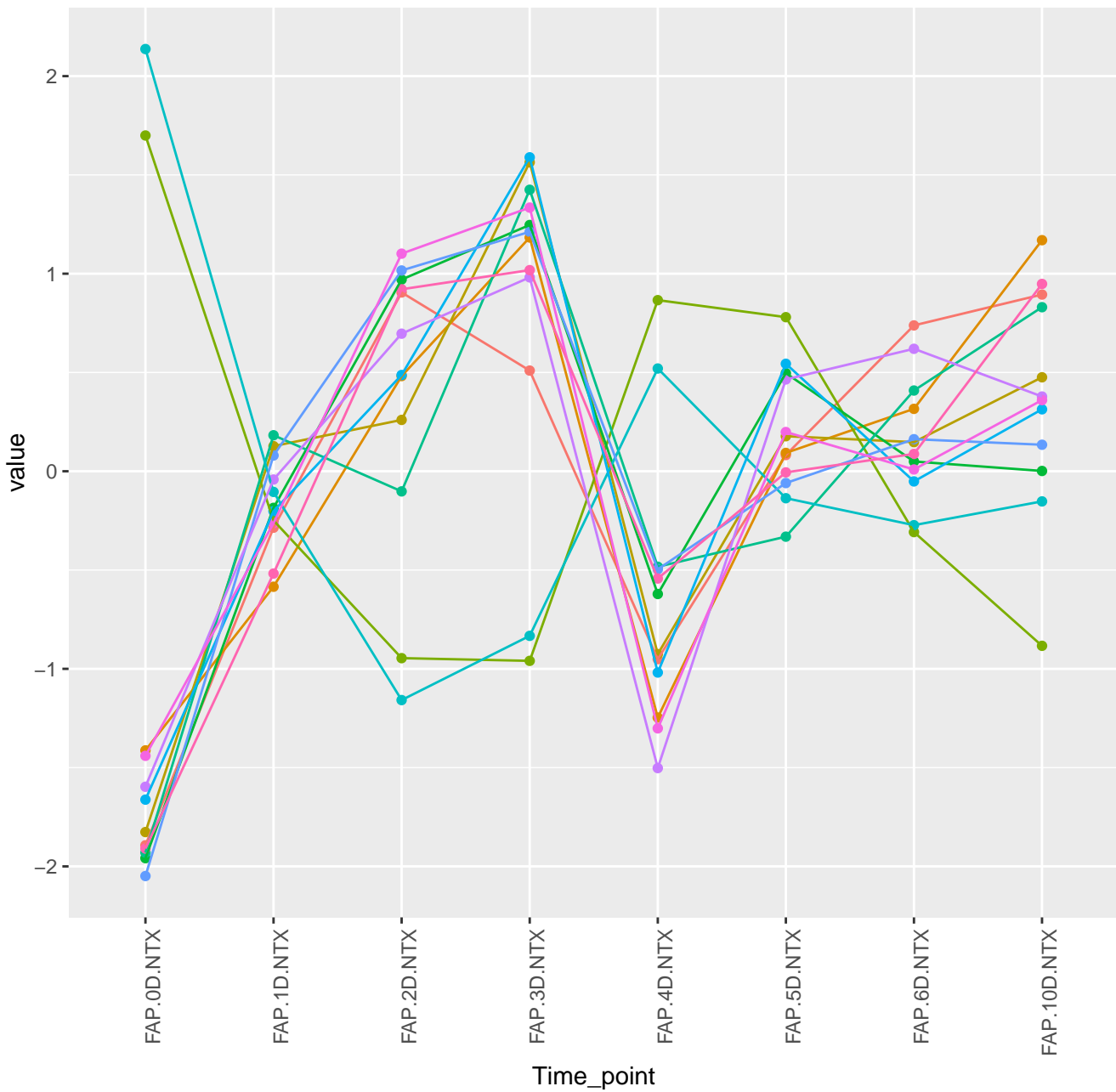
39 genes – cluster 327



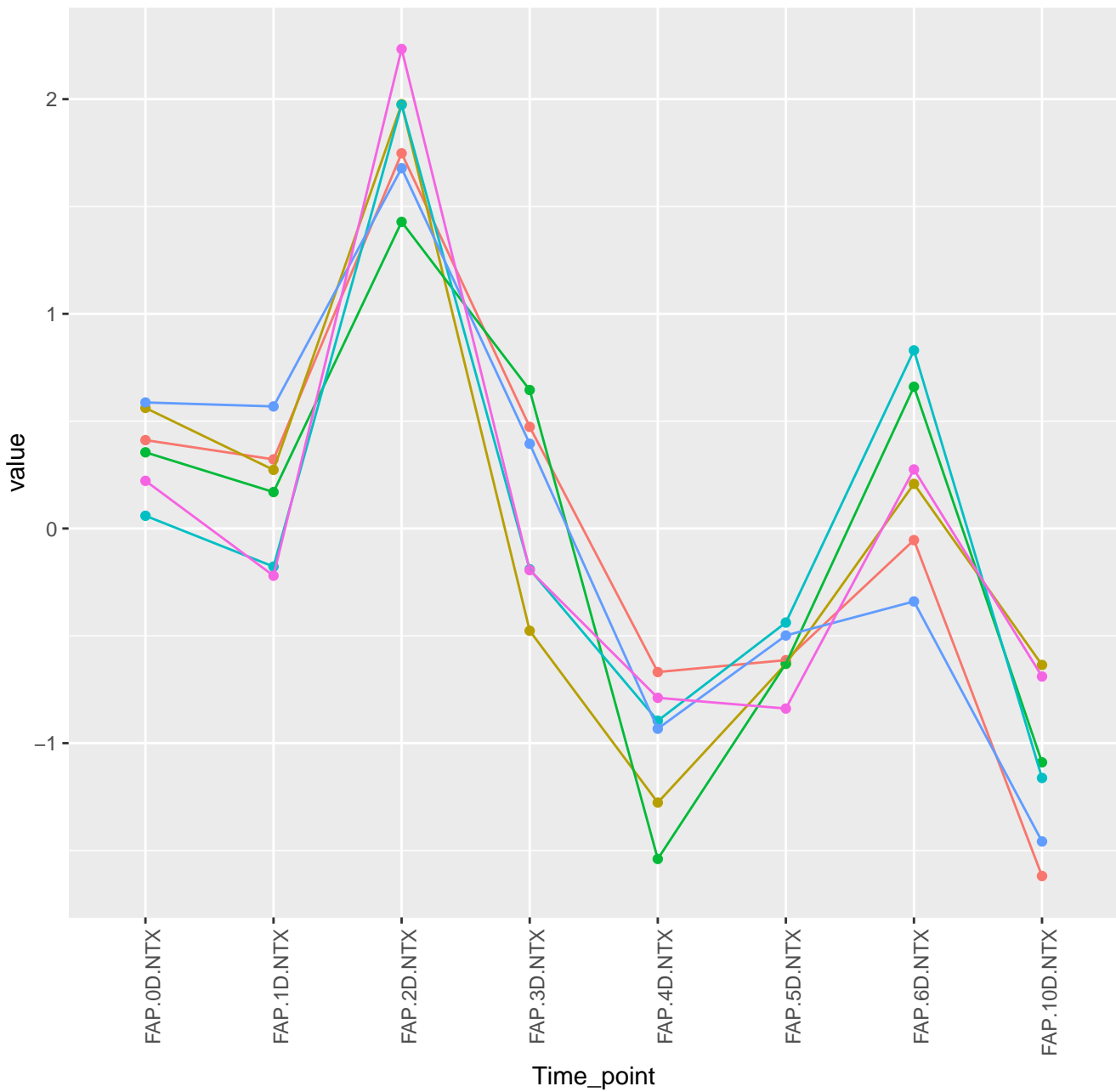
16 genes – cluster 328



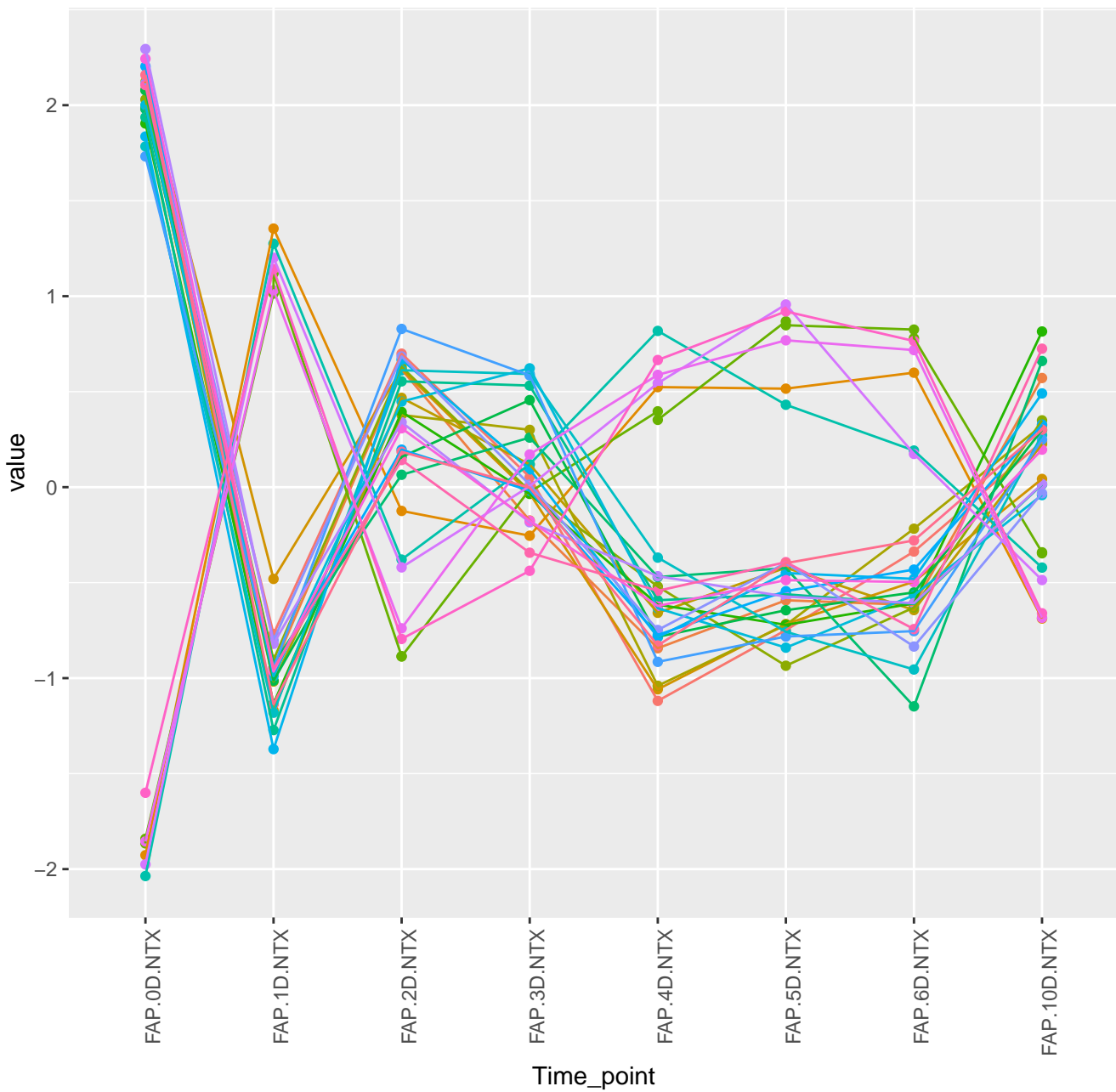
12 genes – cluster 329



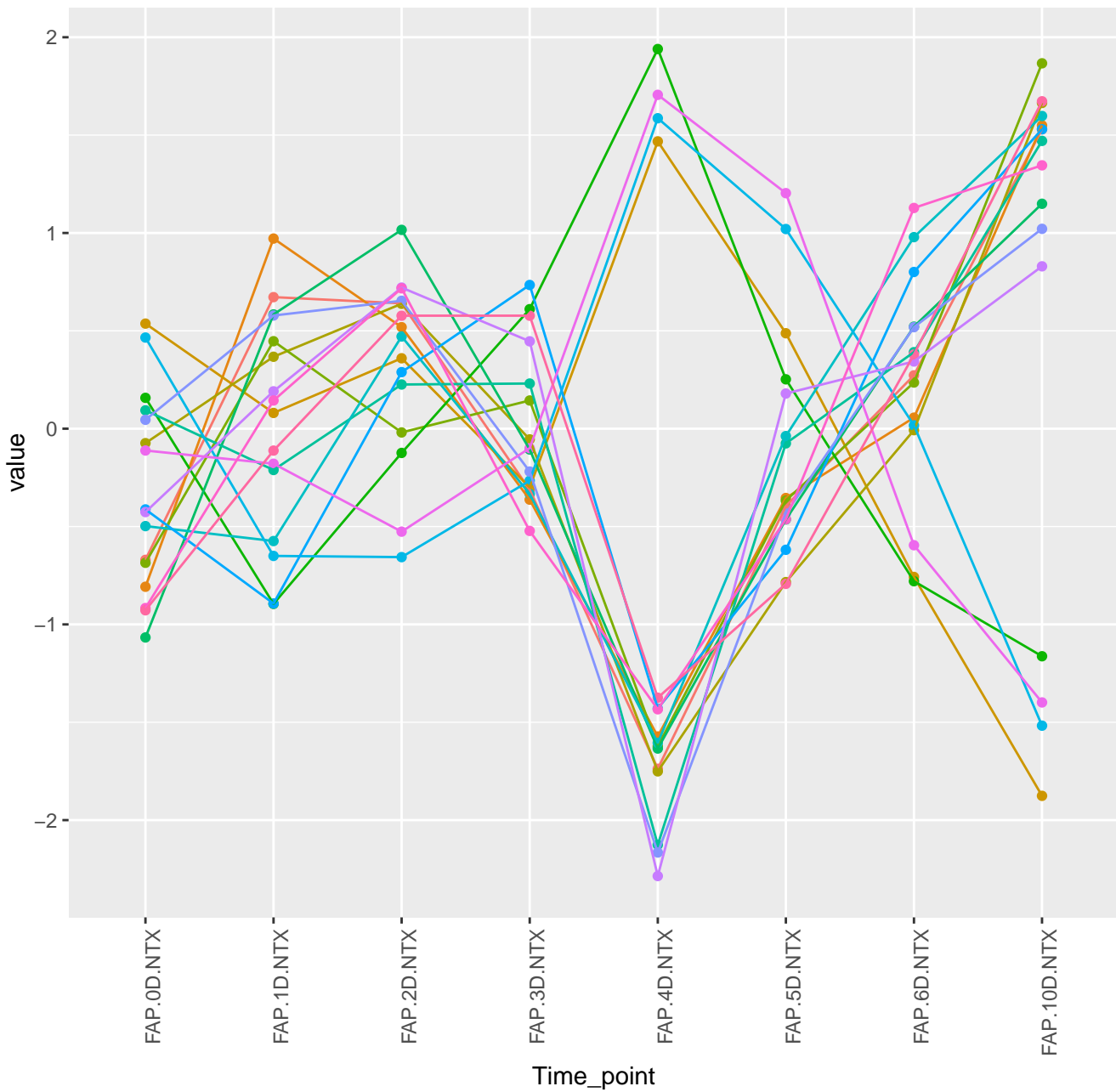
6 genes – cluster 330



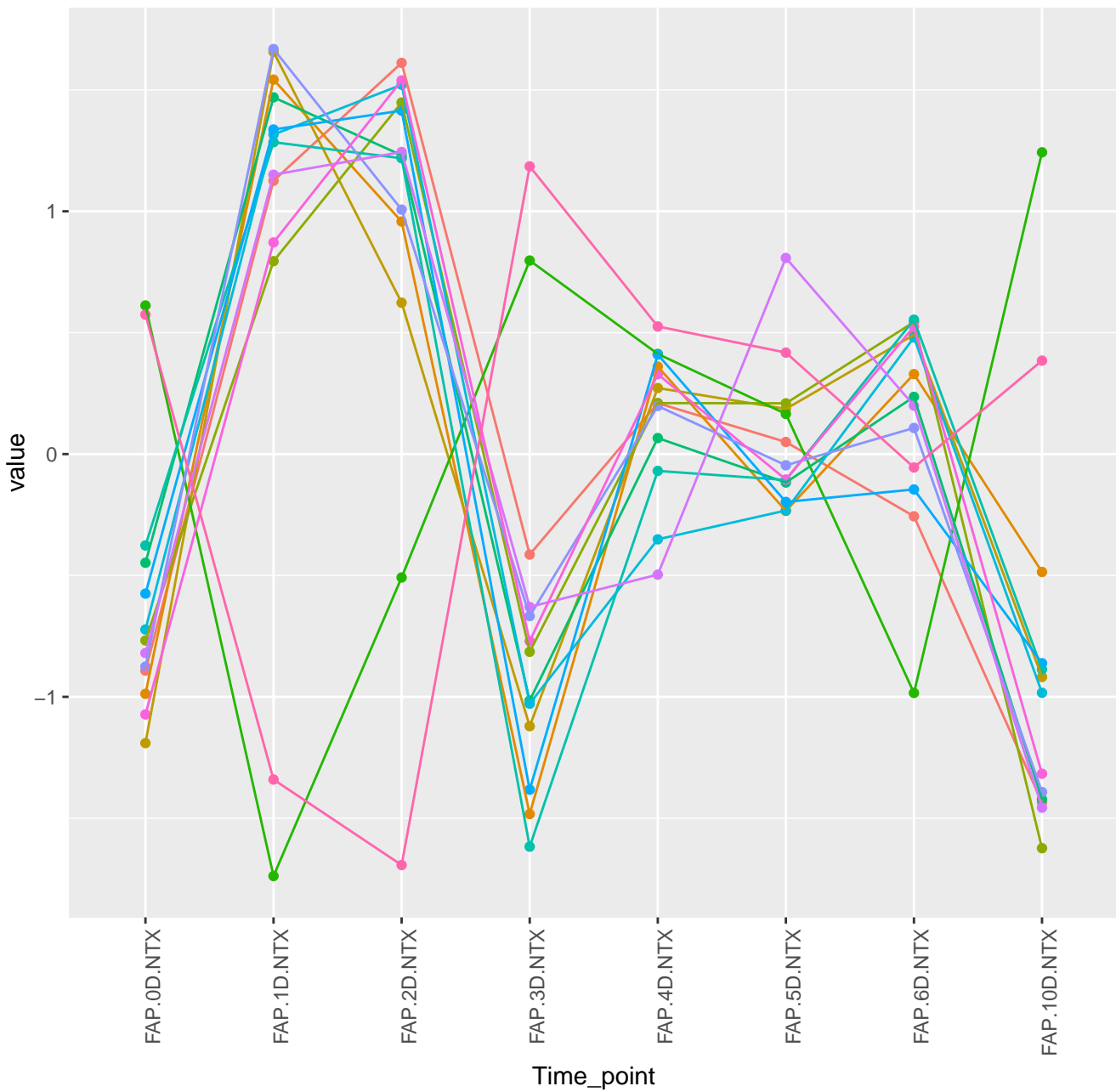
27 genes – cluster 331



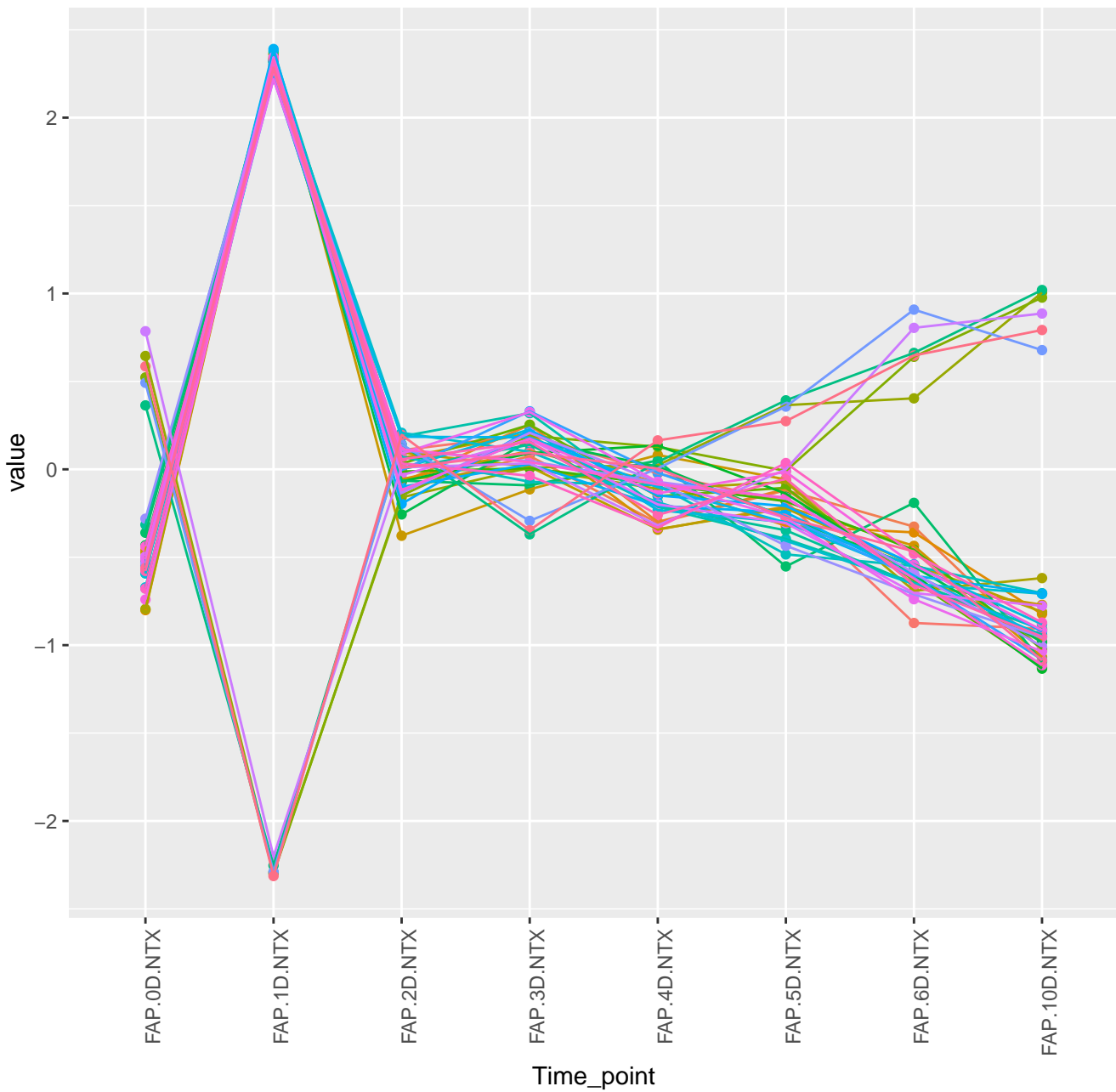
16 genes – cluster 332



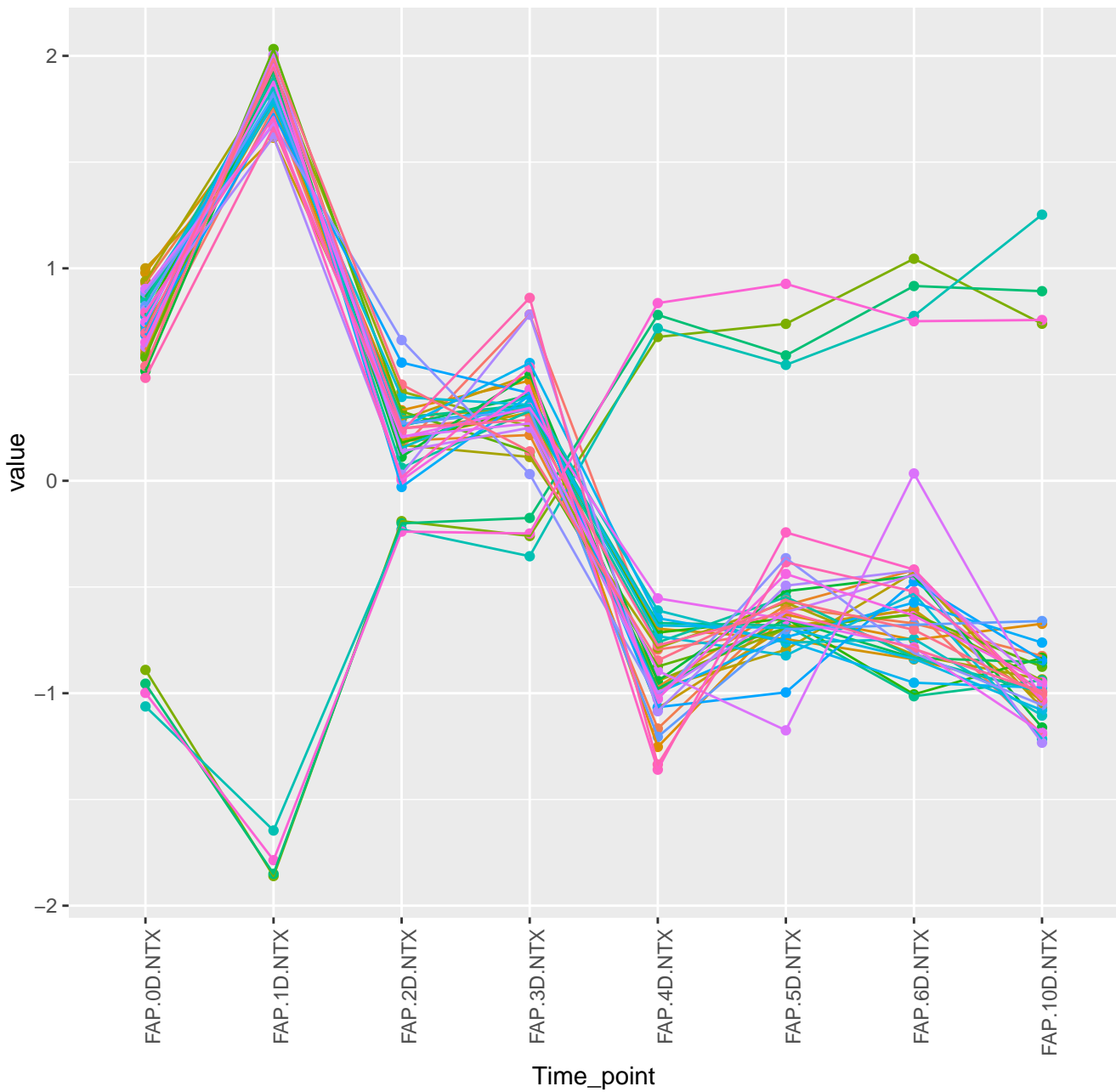
13 genes – cluster 333



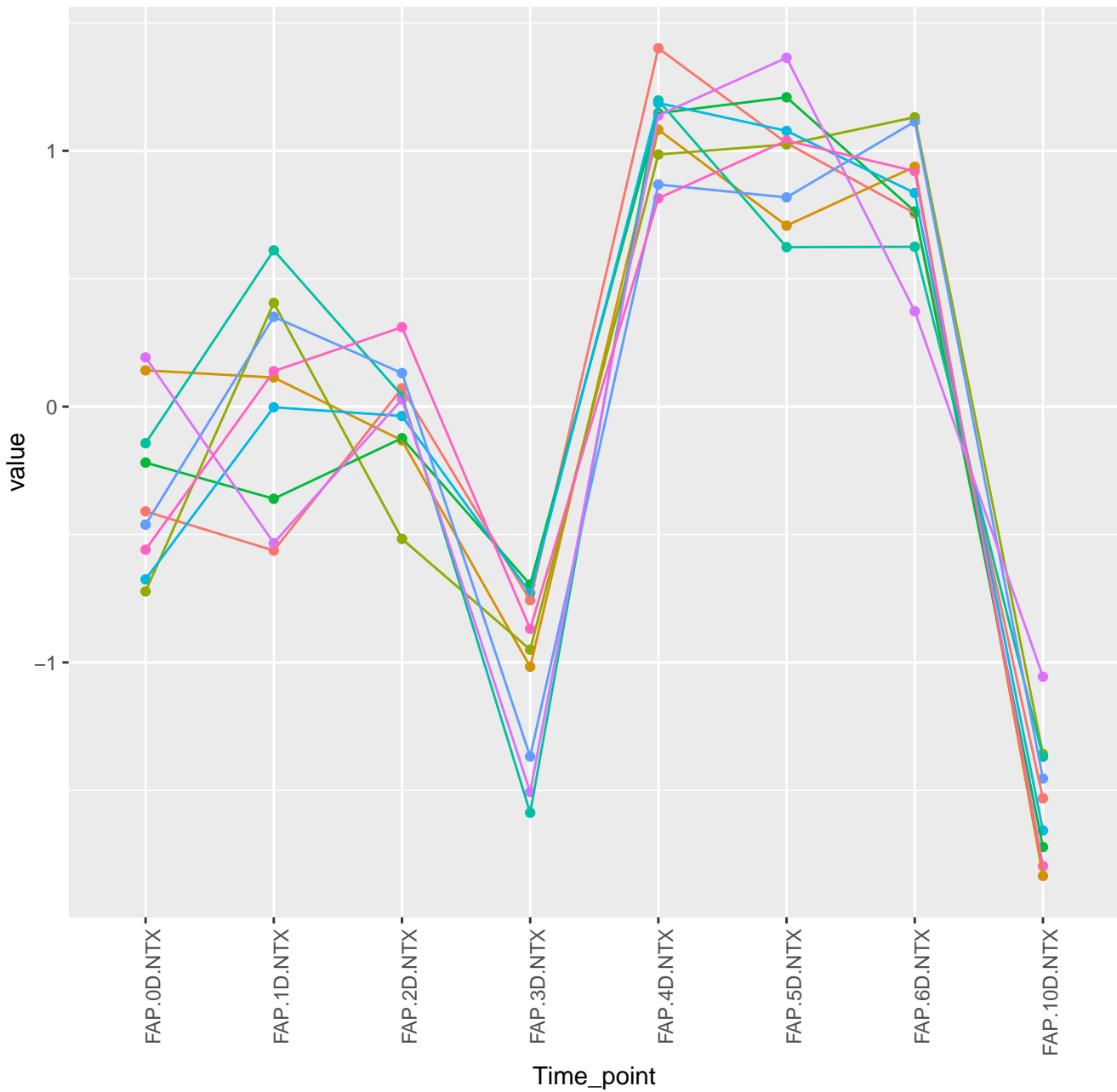
37 genes – cluster 334



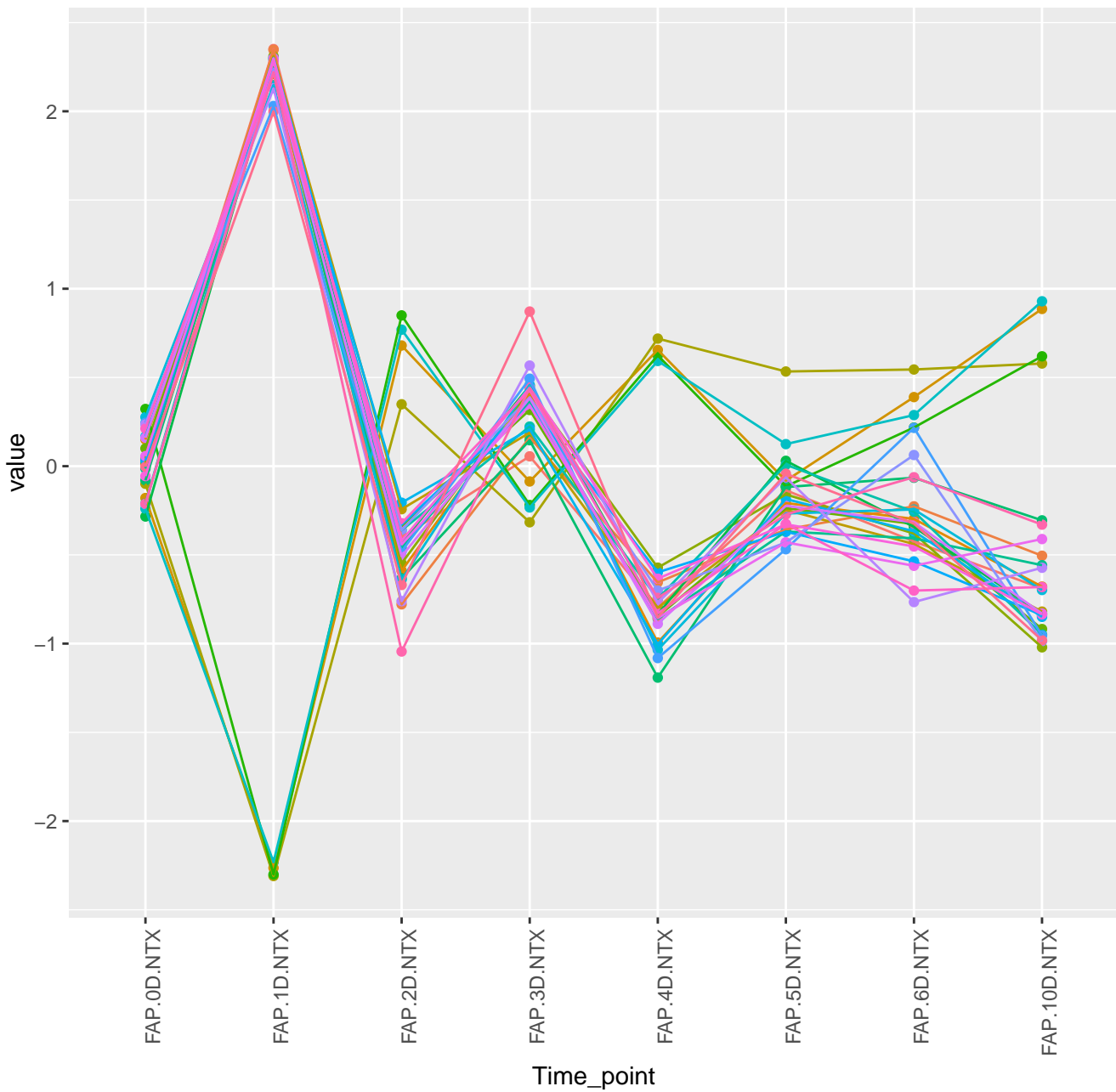
36 genes – cluster 335



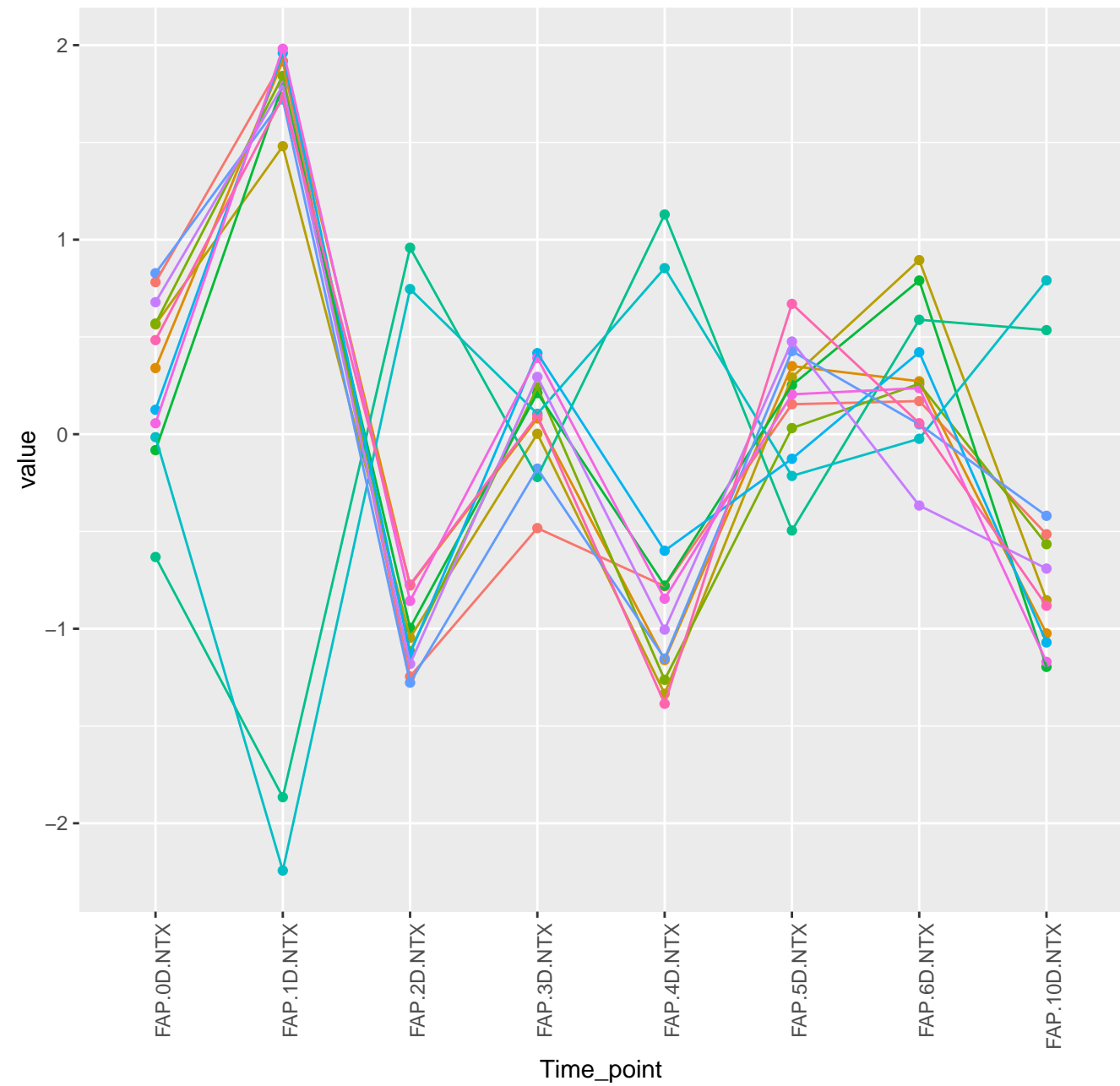
9 genes – cluster 336



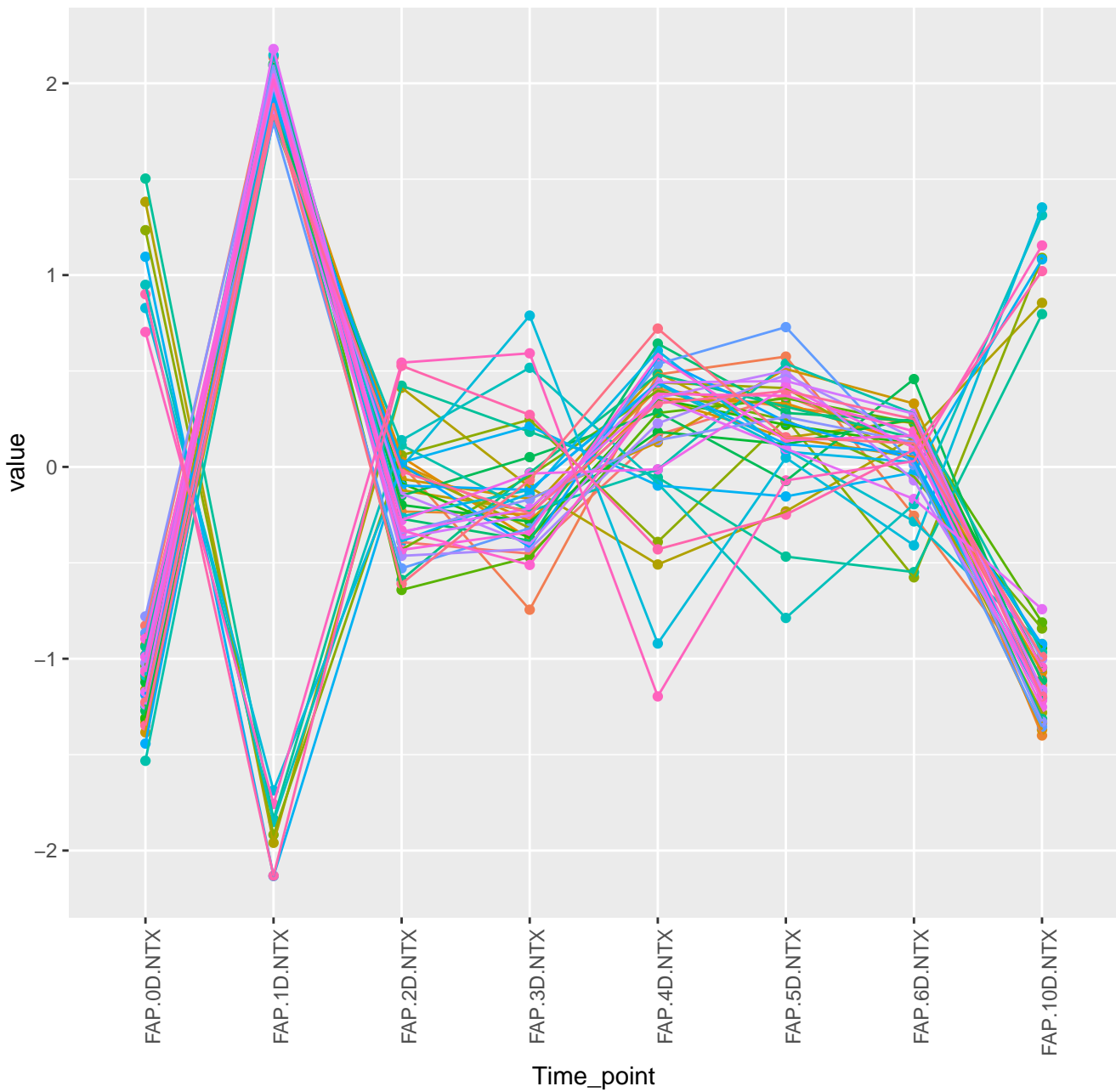
26 genes – cluster 337



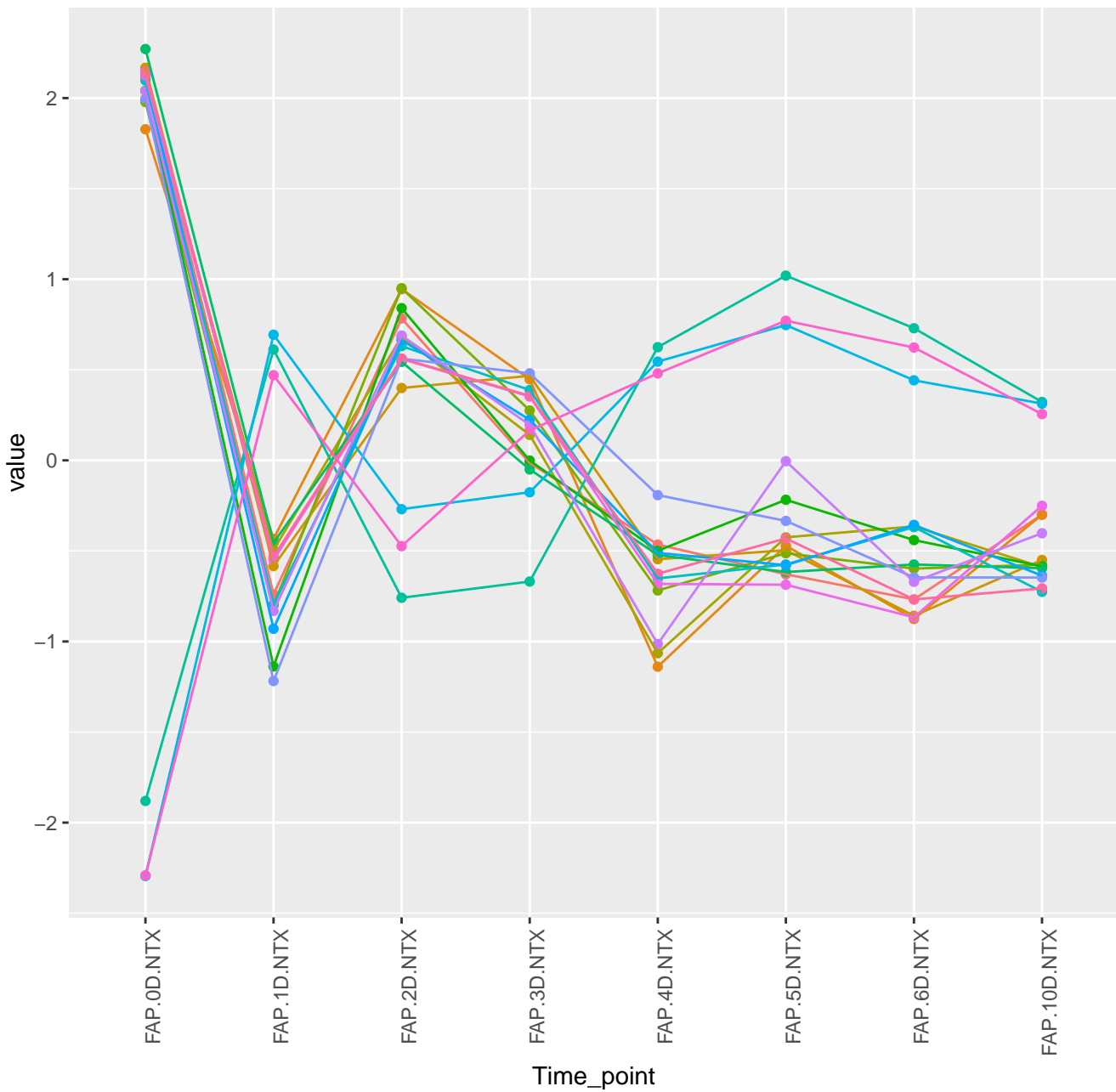
12 genes – cluster 338



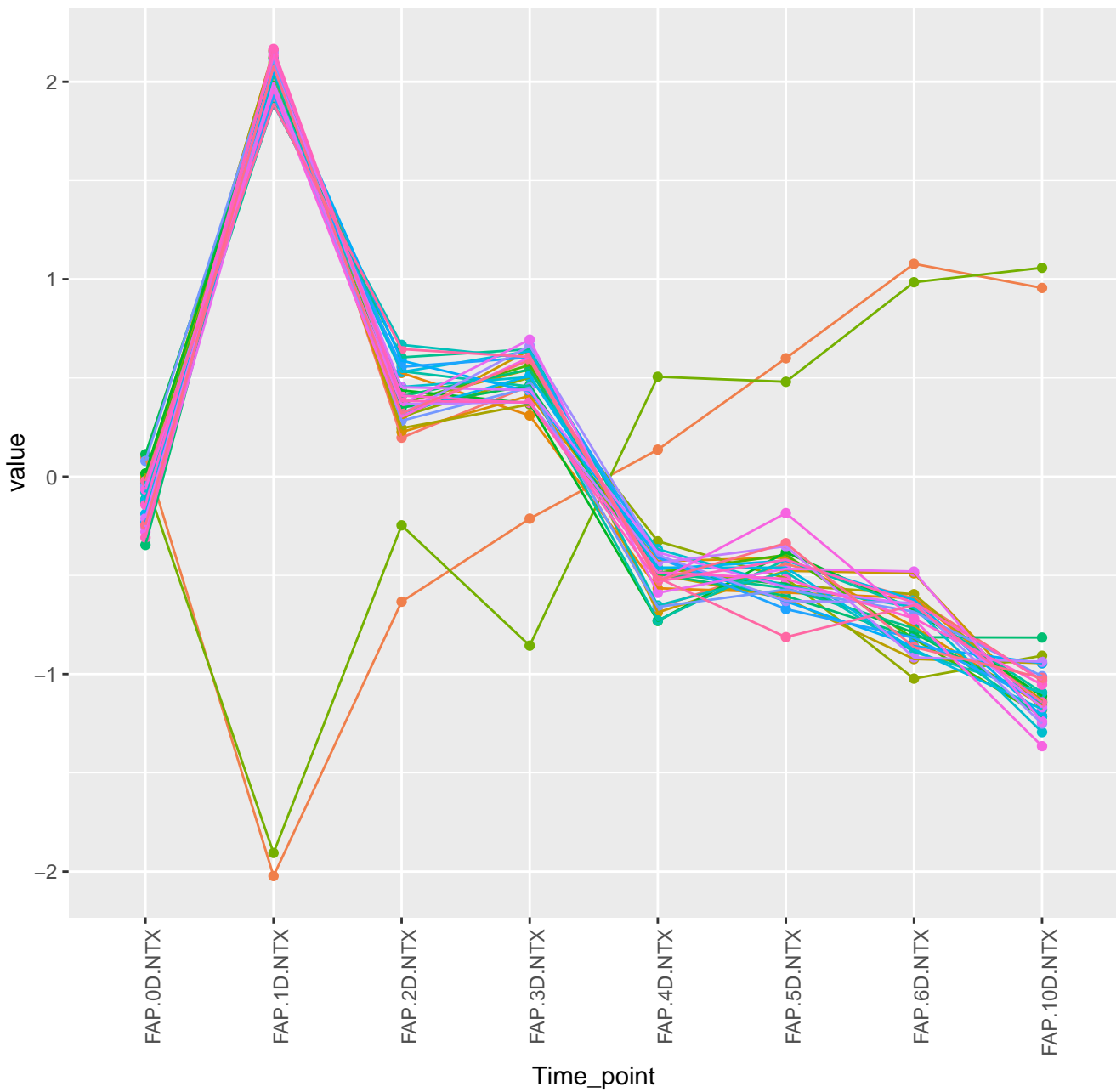
39 genes – cluster 339



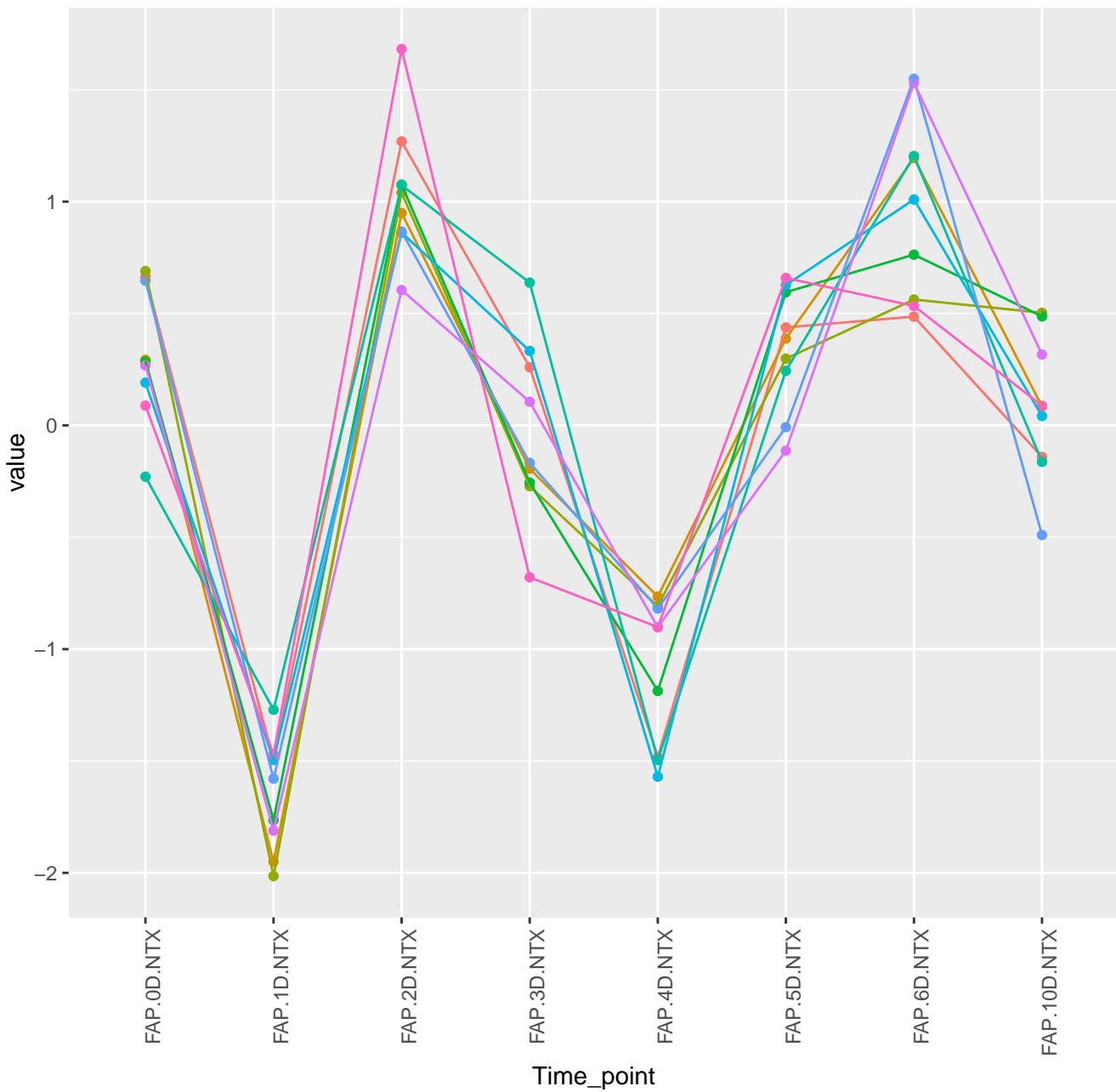
16 genes – cluster 341



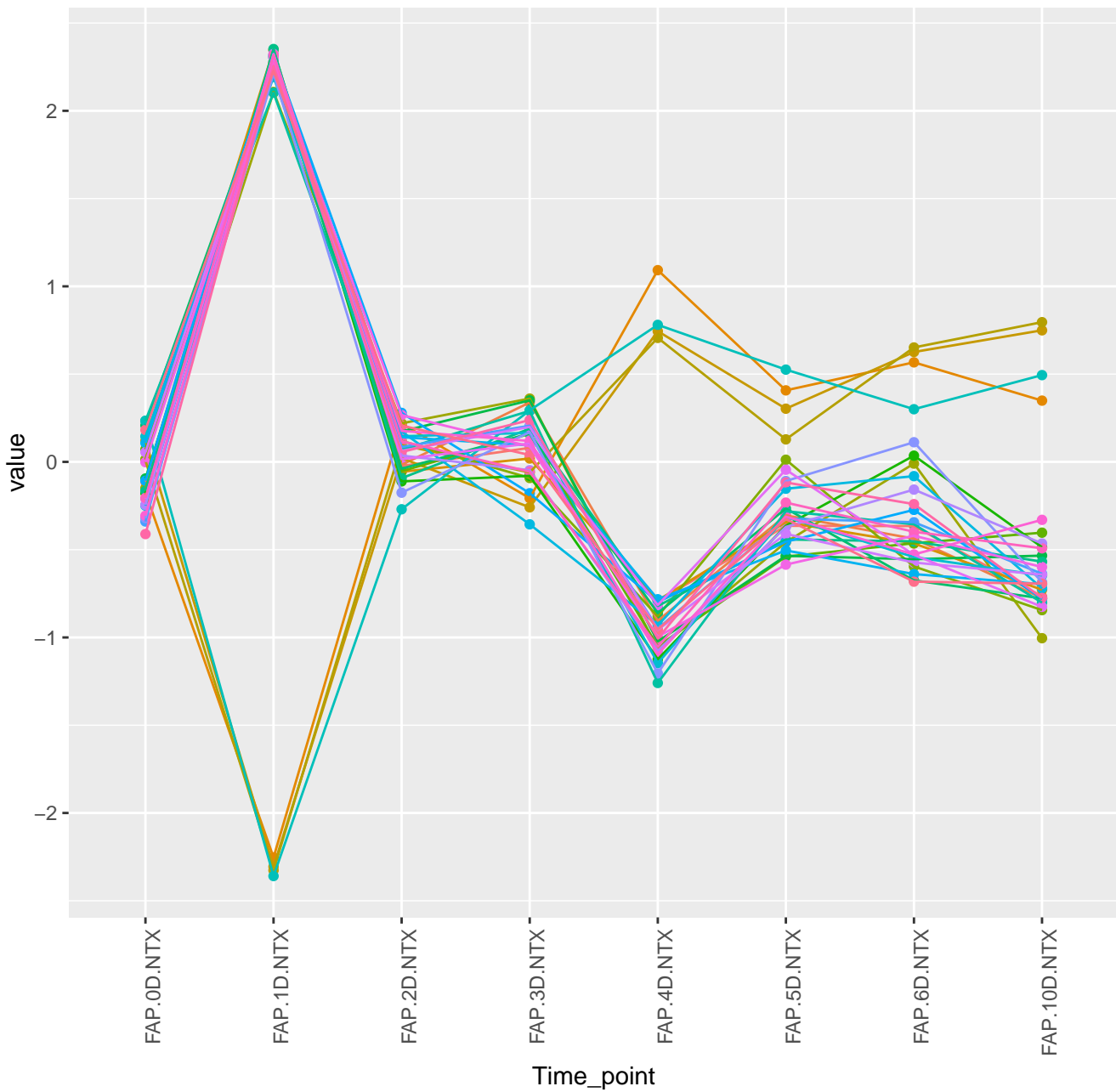
31 genes – cluster 342



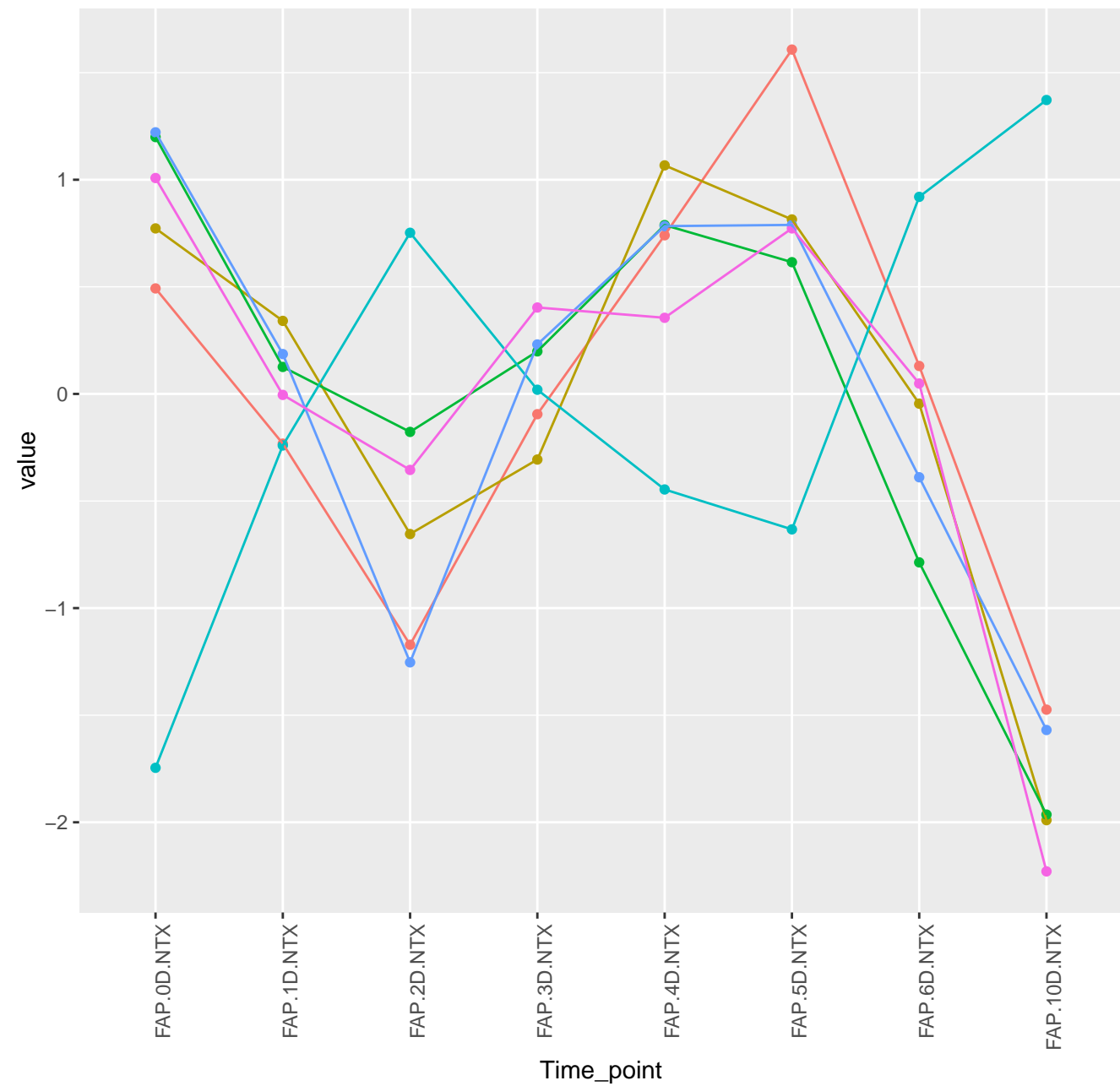
9 genes – cluster 343



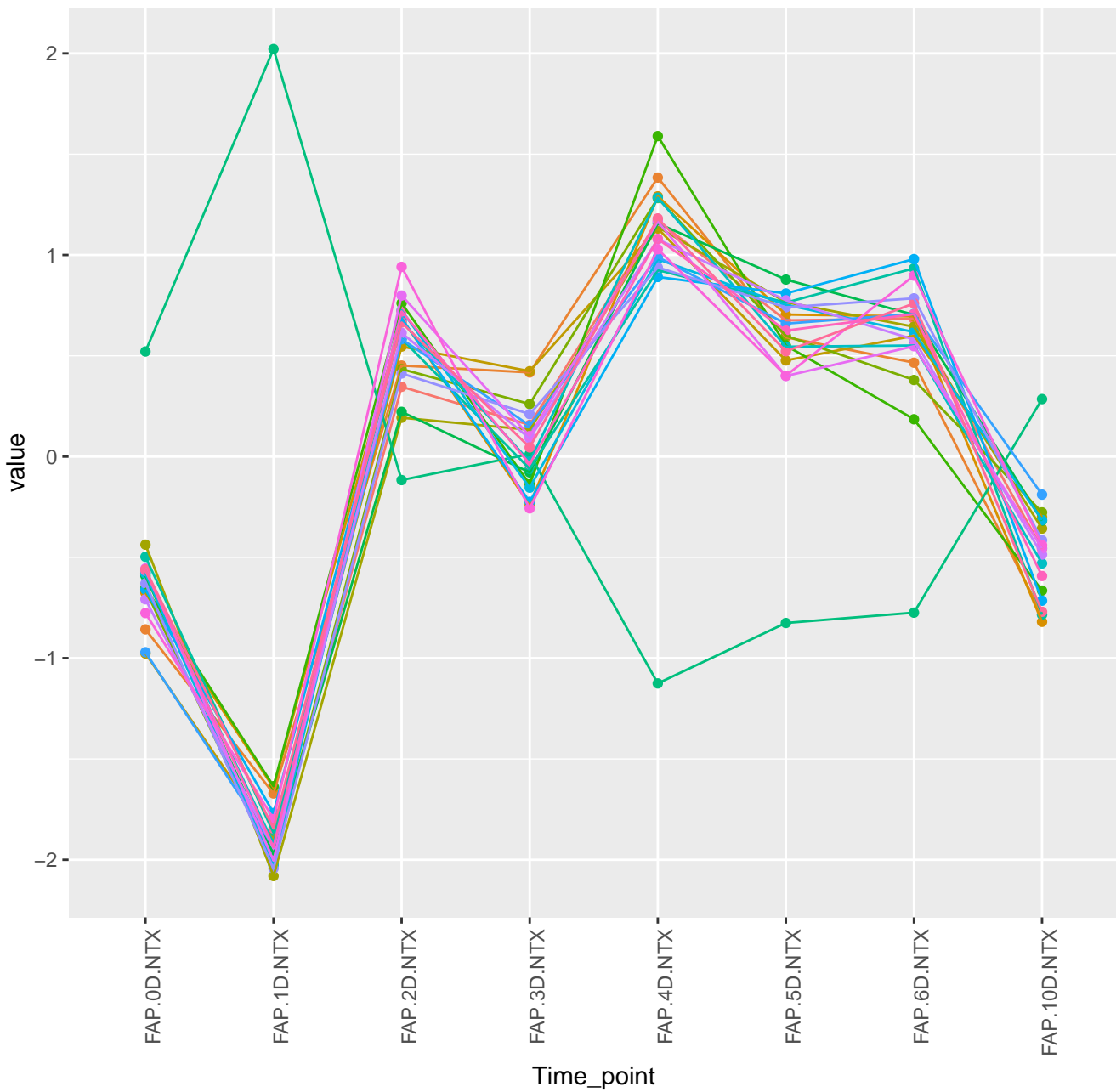
29 genes – cluster 344



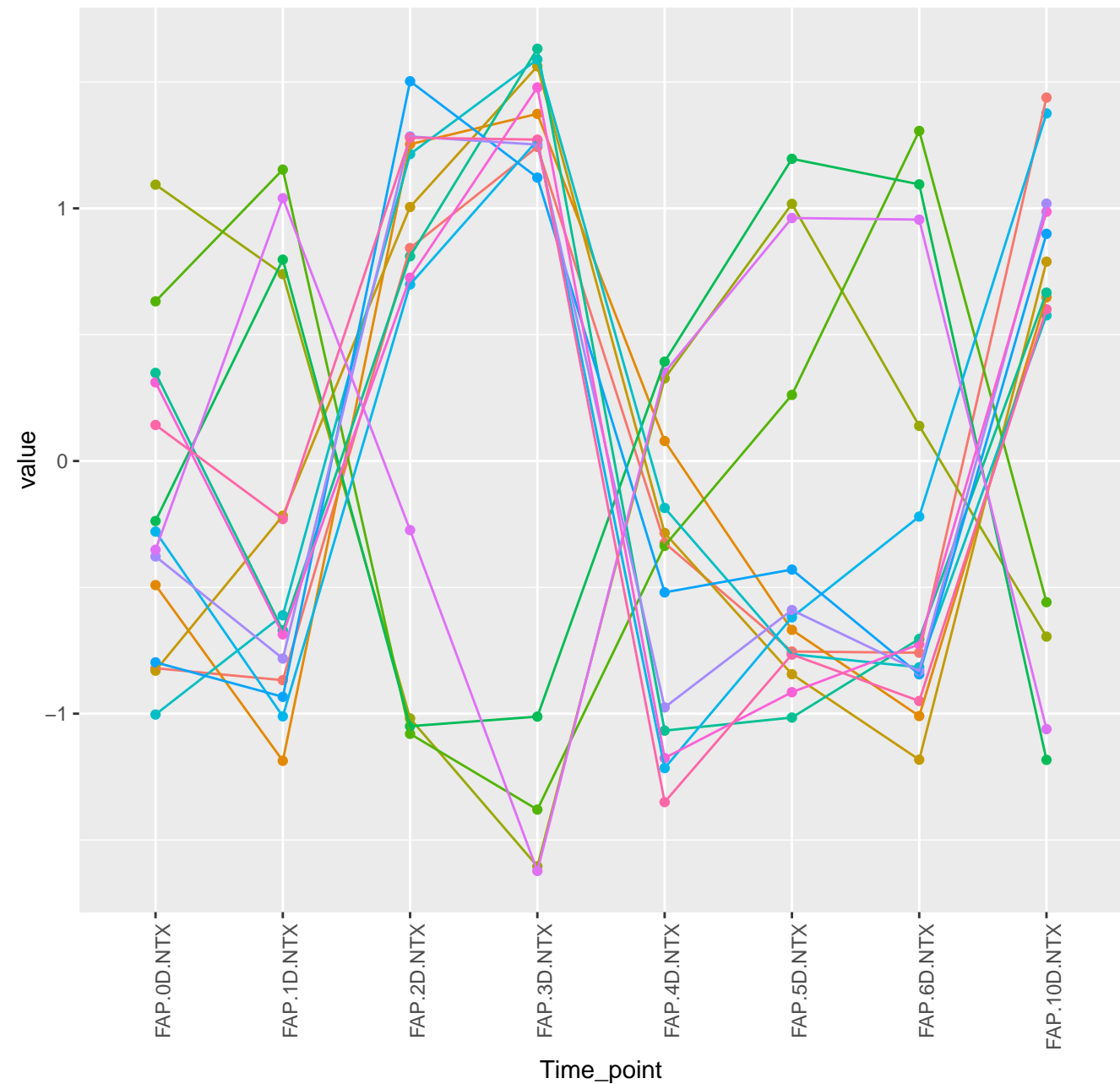
6 genes – cluster 345



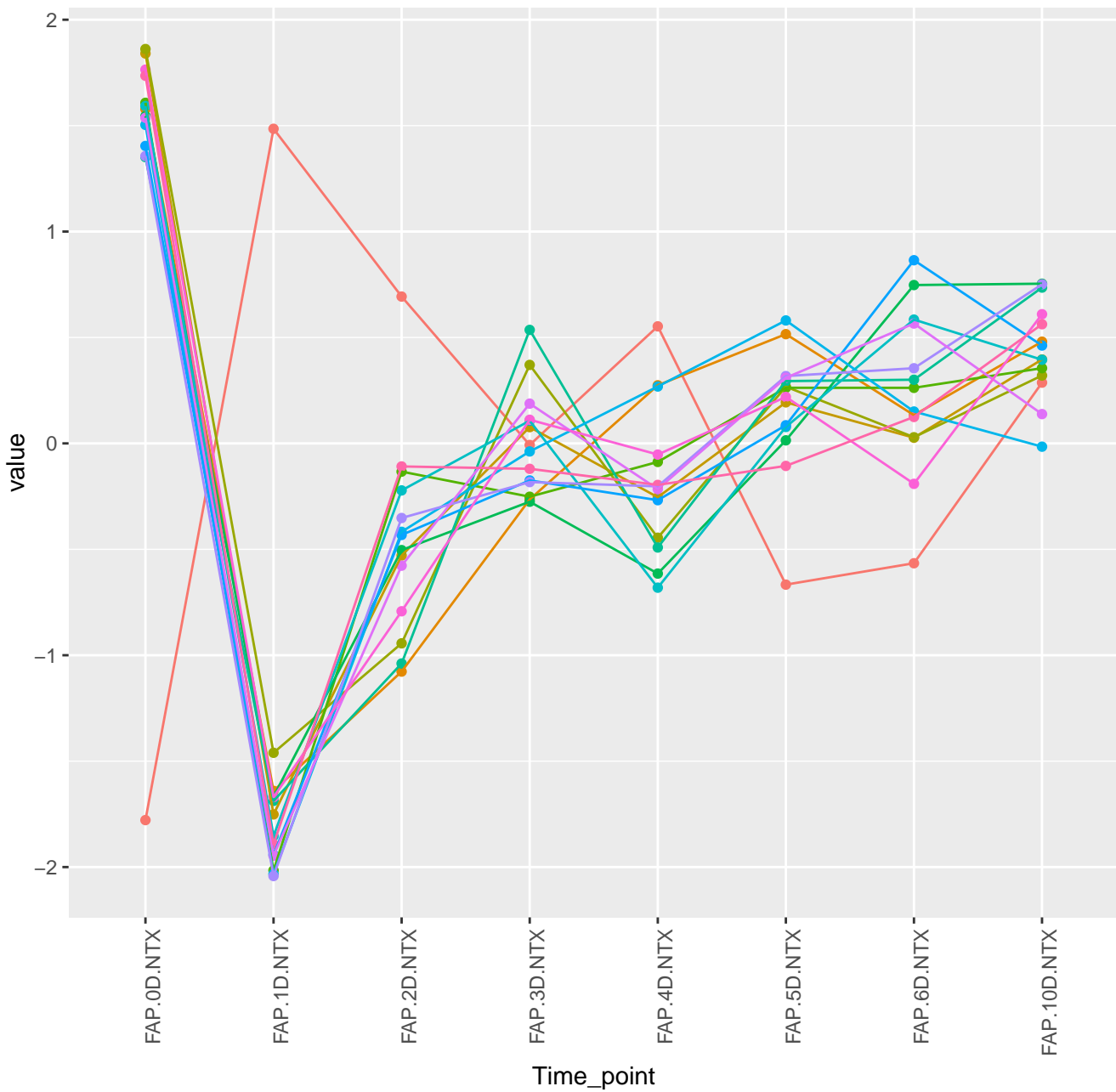
20 genes – cluster 346



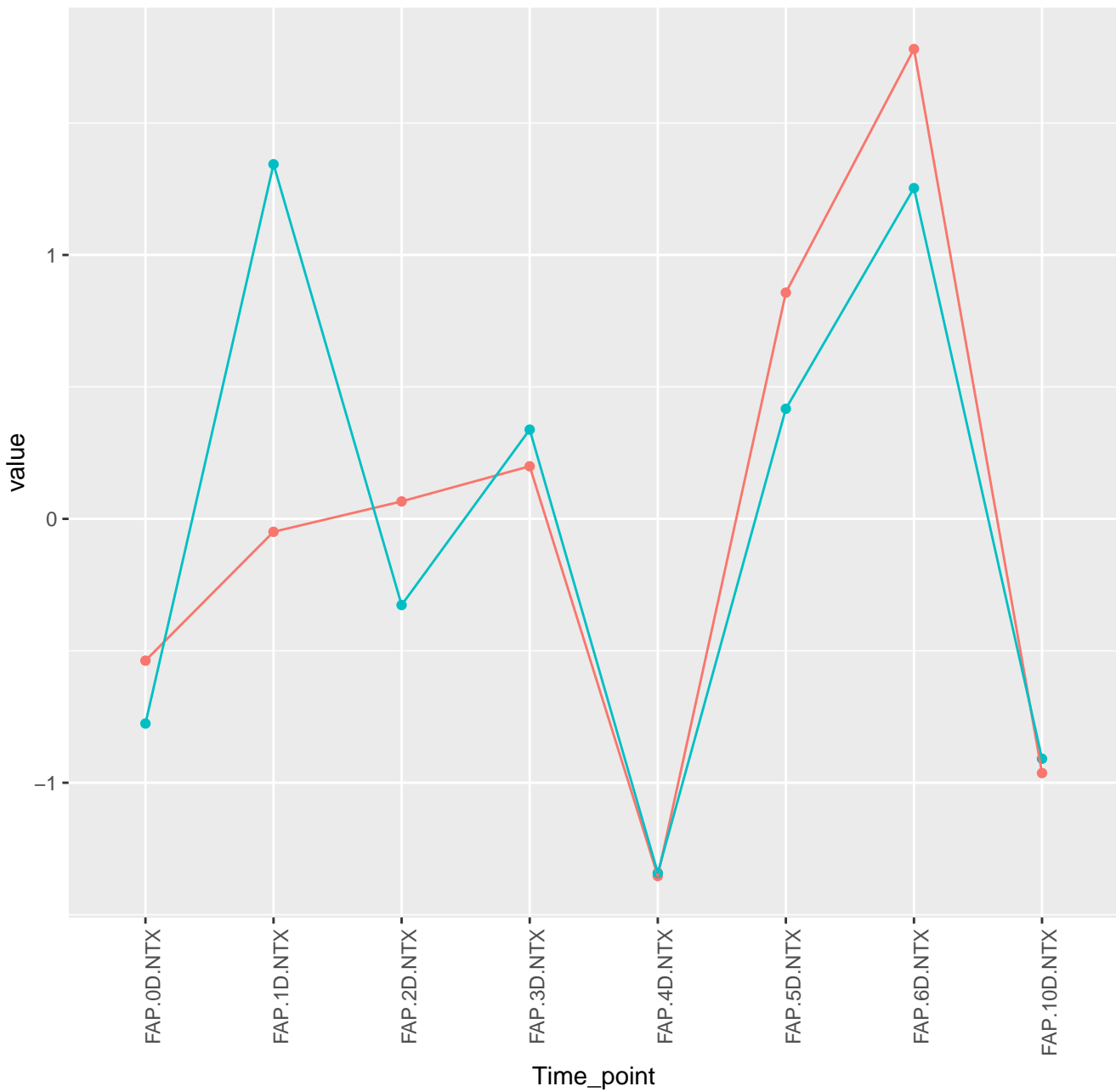
14 genes – cluster 347



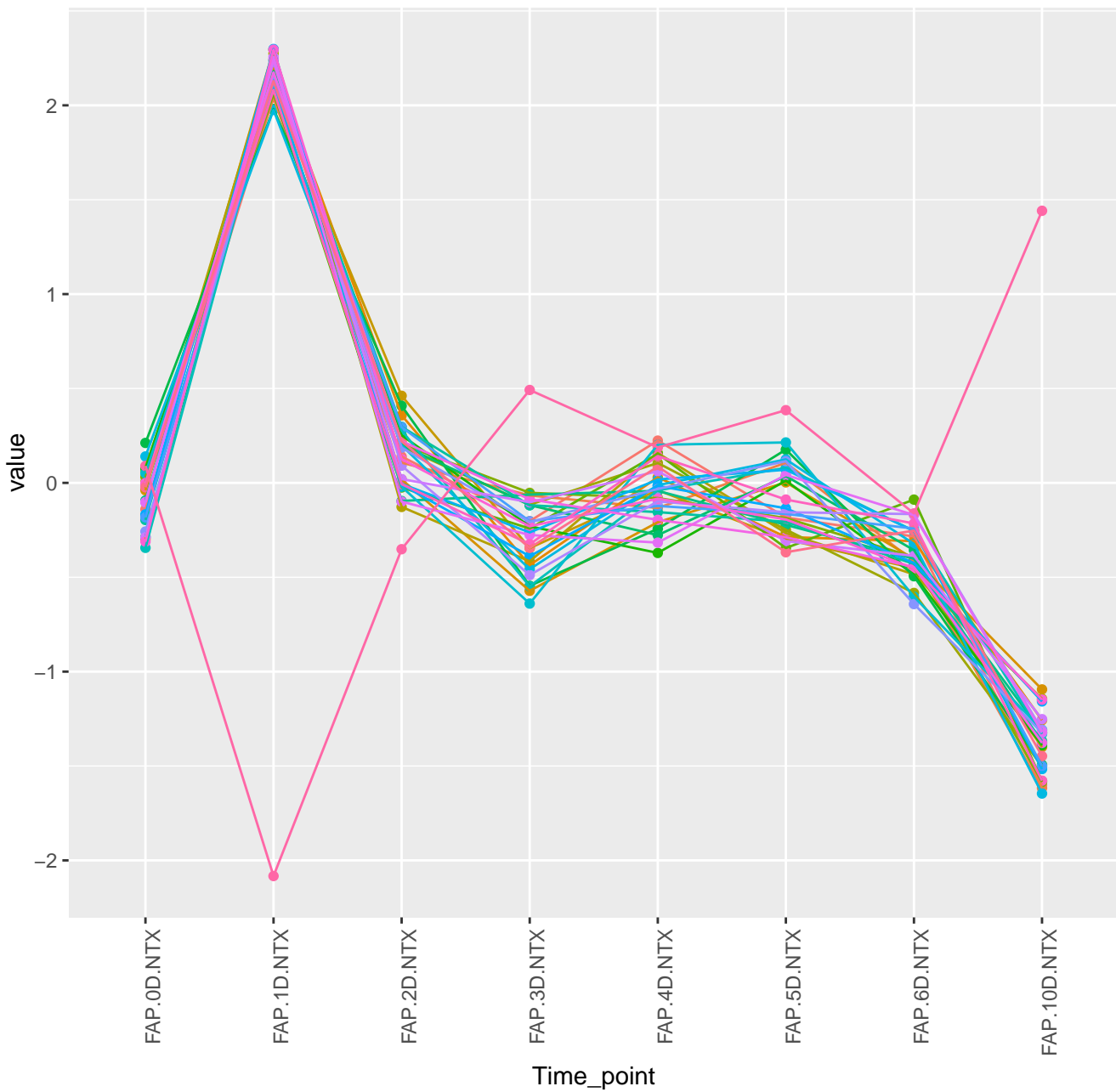
14 genes – cluster 348



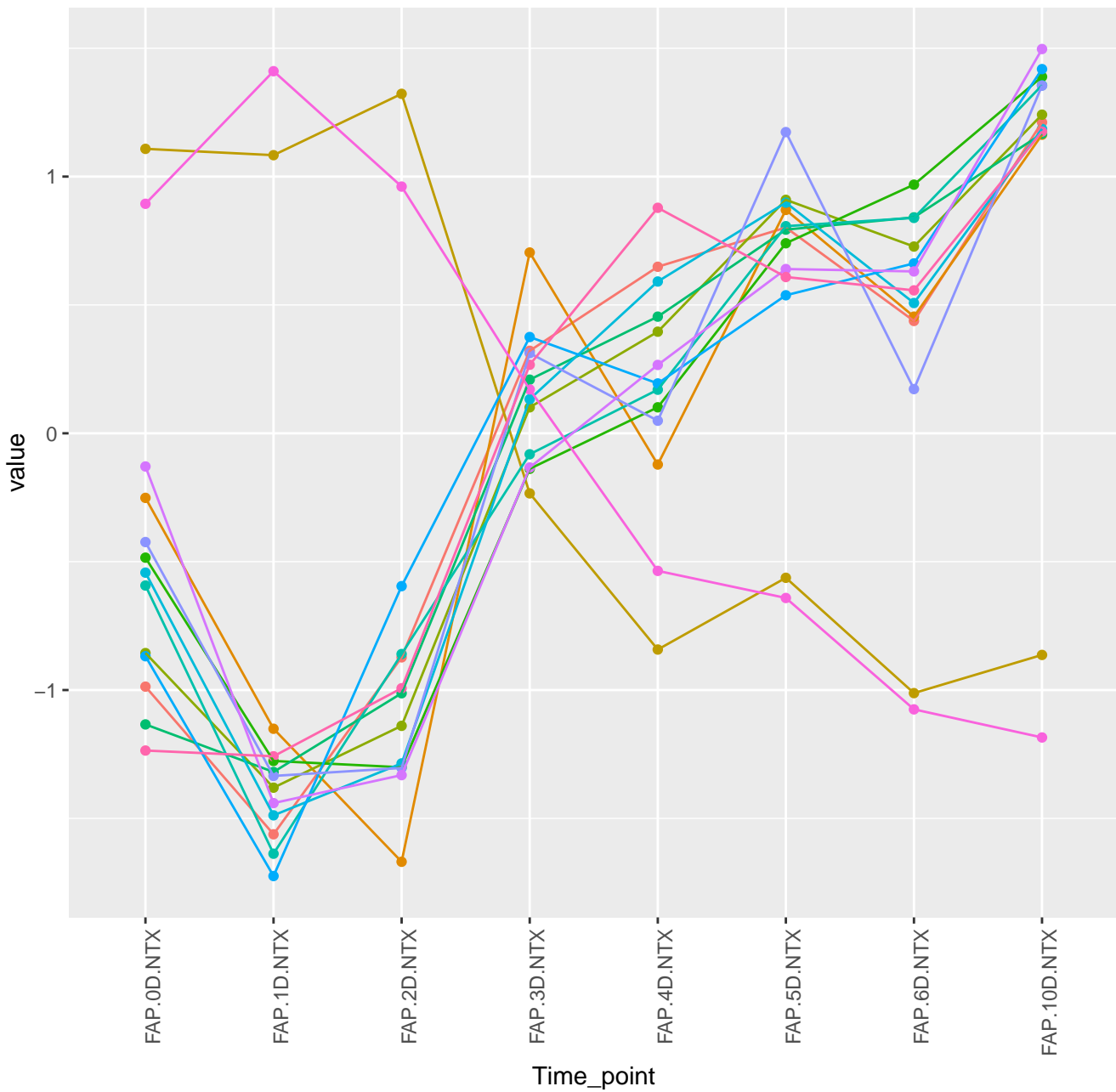
2 genes – cluster 349



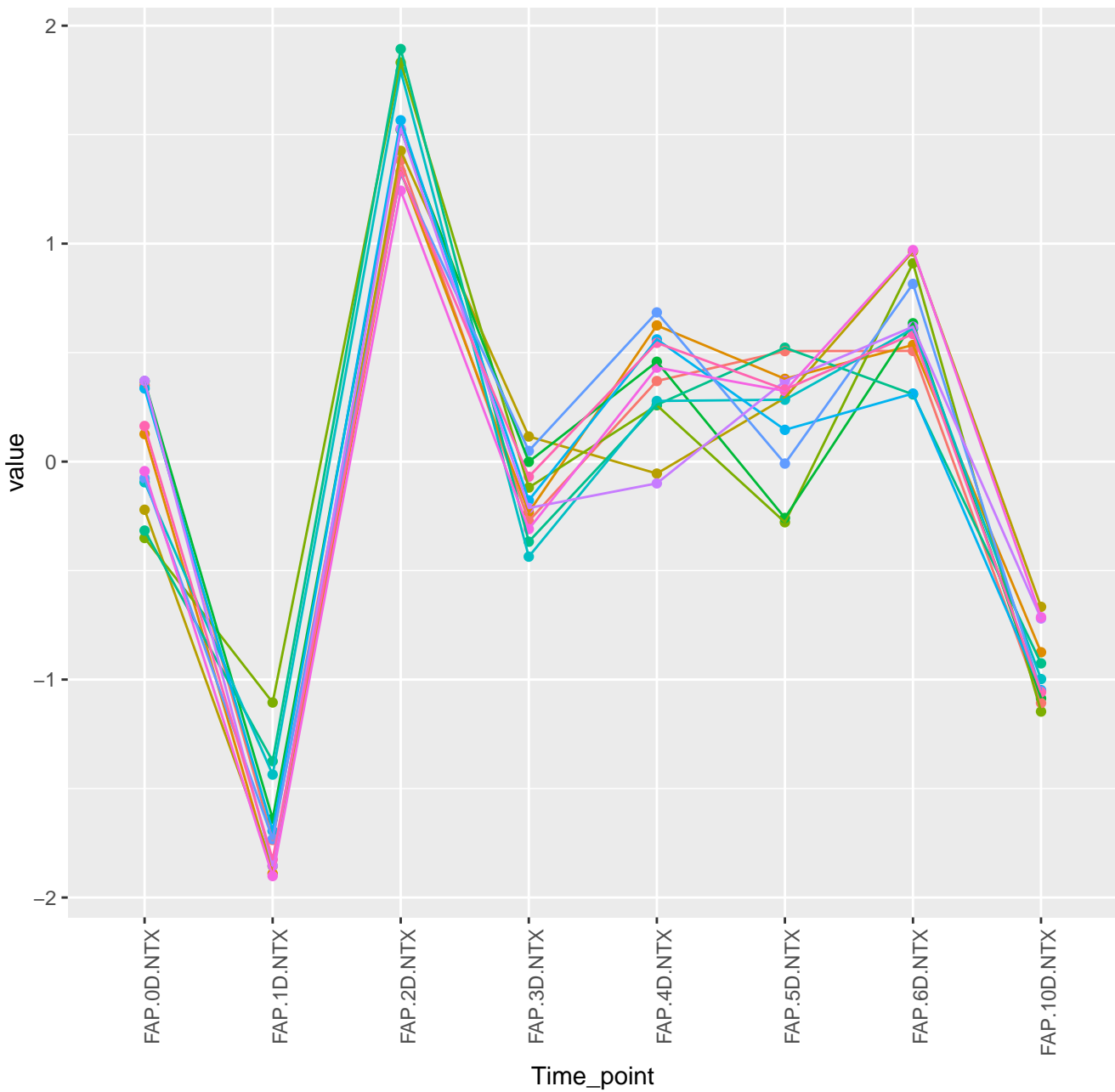
29 genes – cluster 350



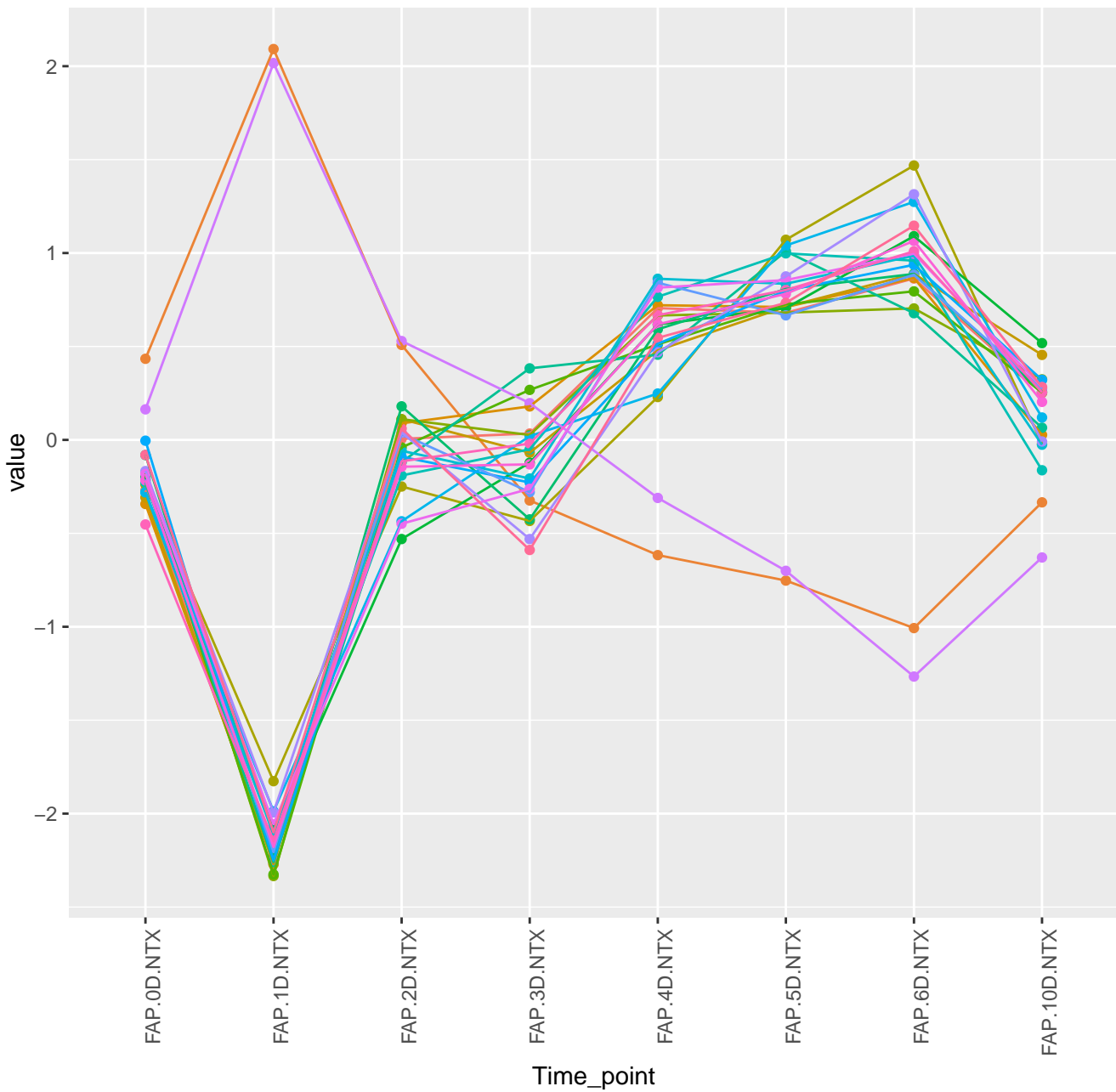
13 genes – cluster 351



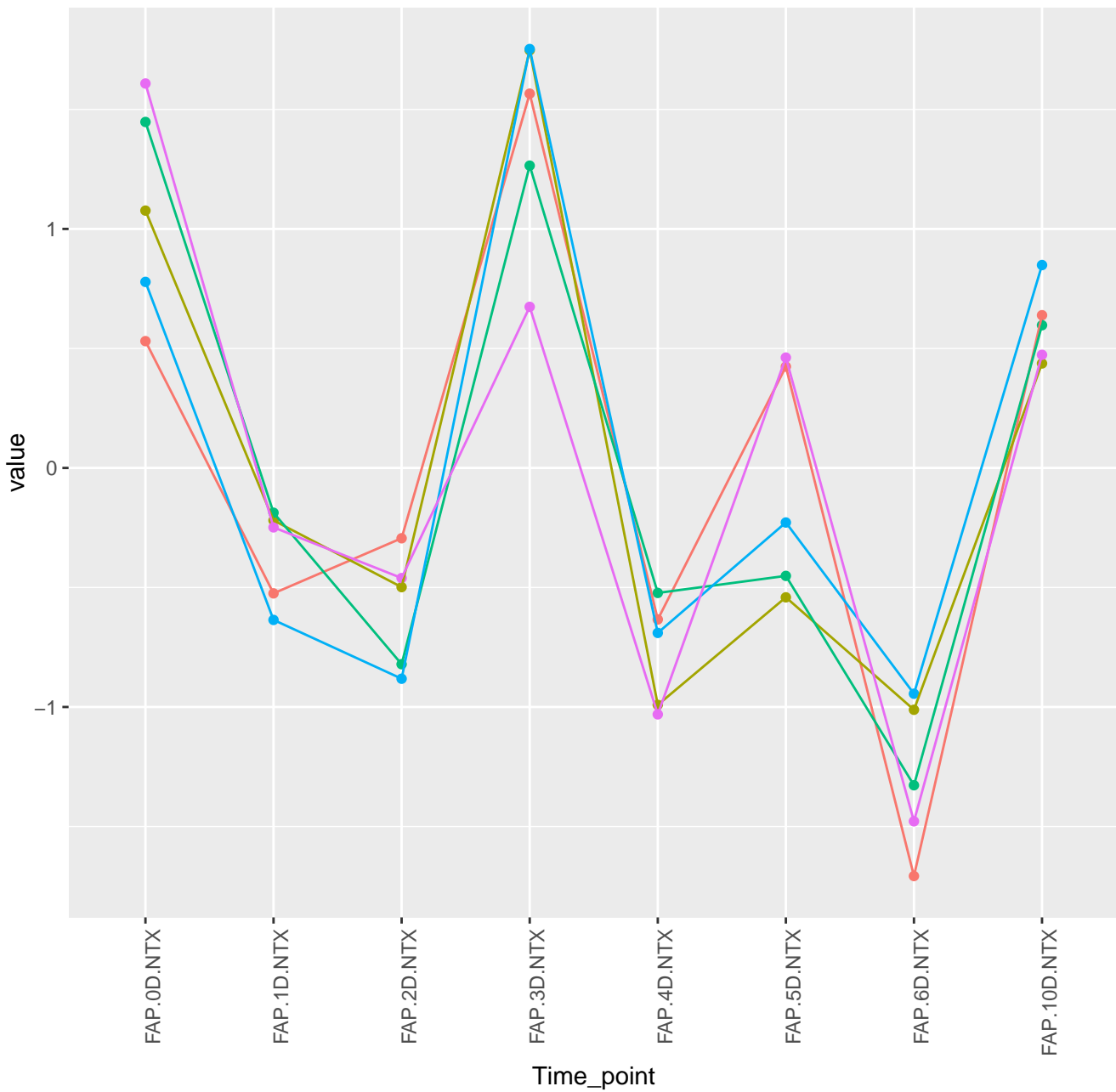
12 genes – cluster 352



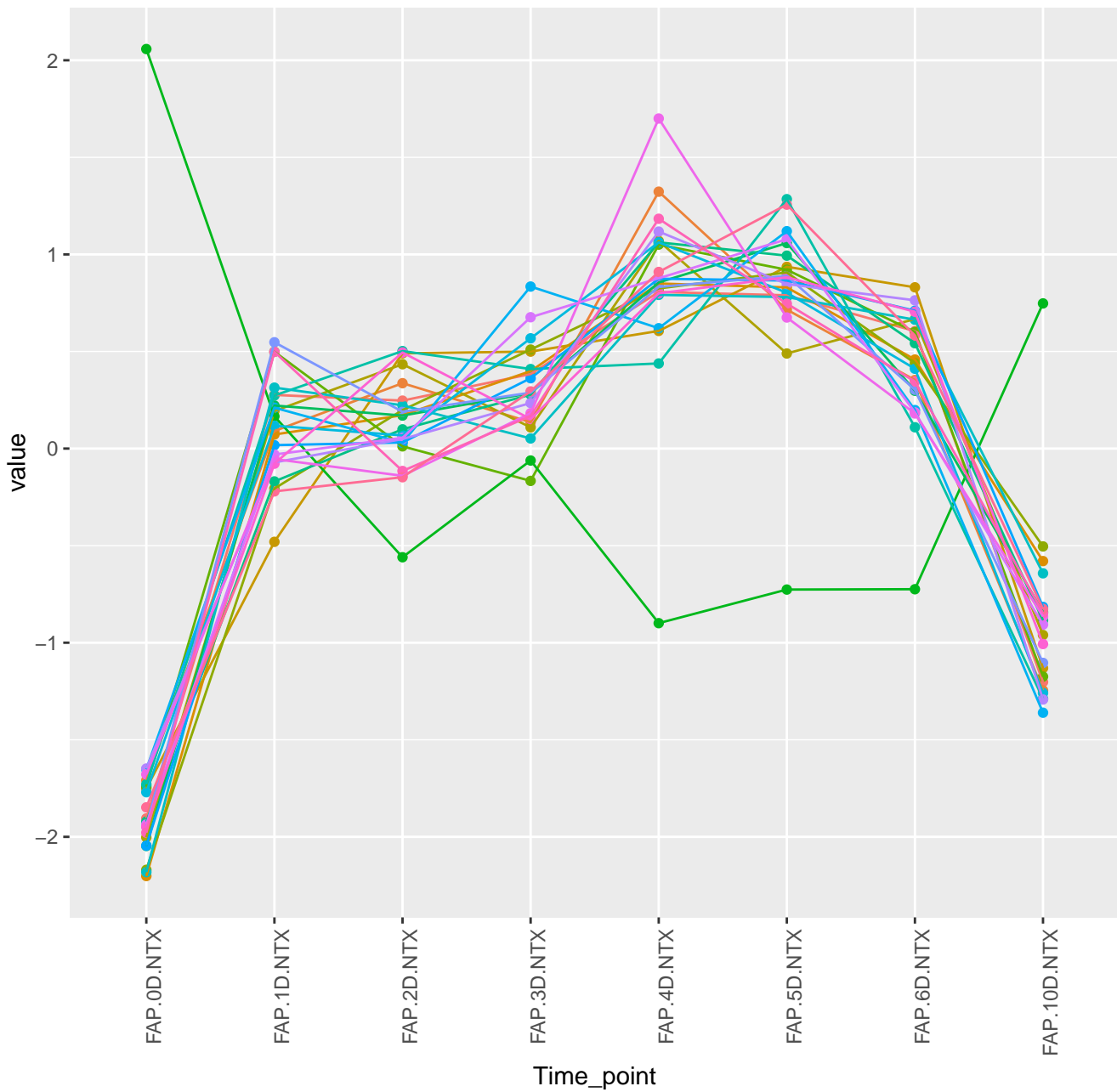
21 genes – cluster 353



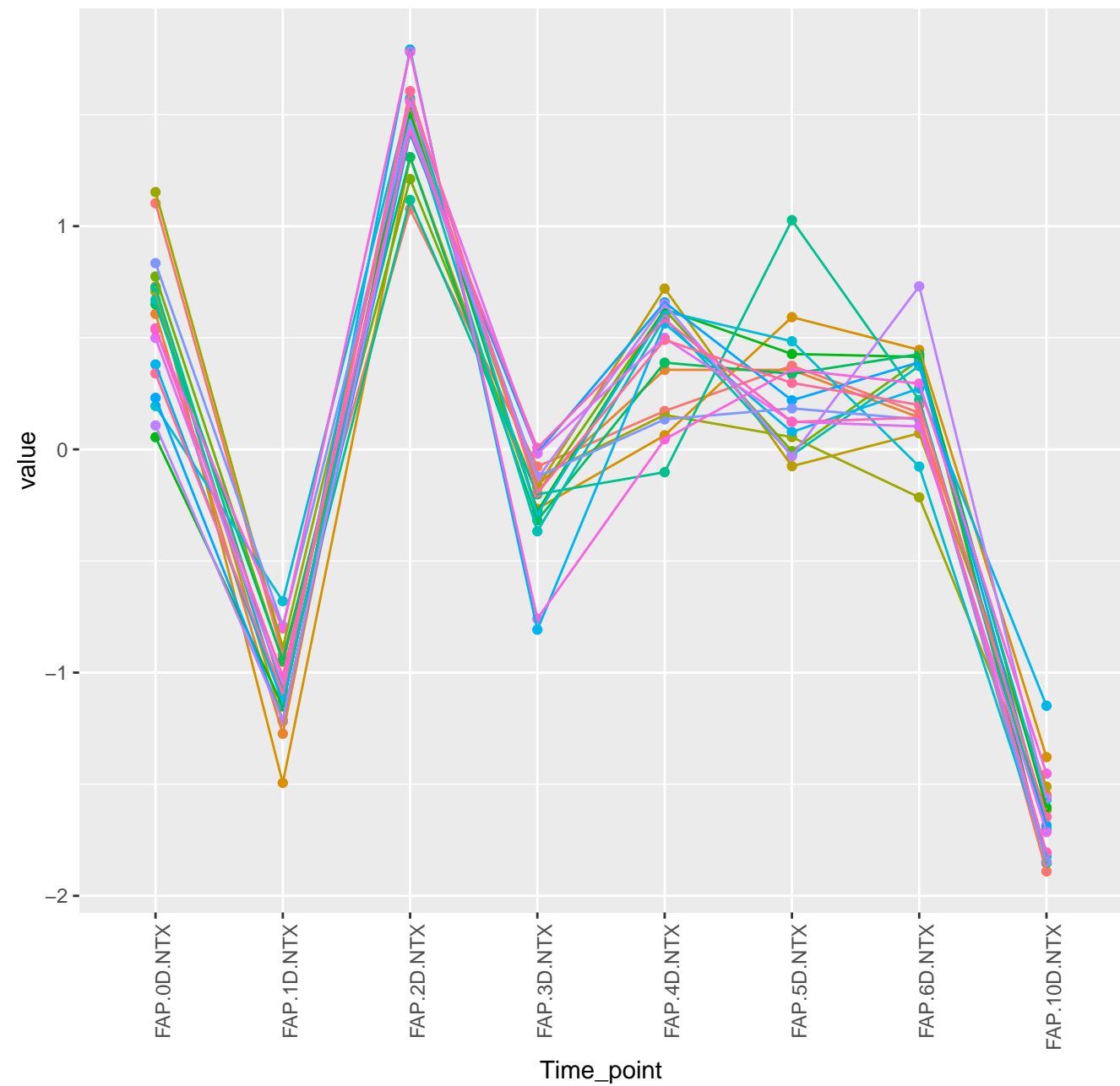
5 genes – cluster 355



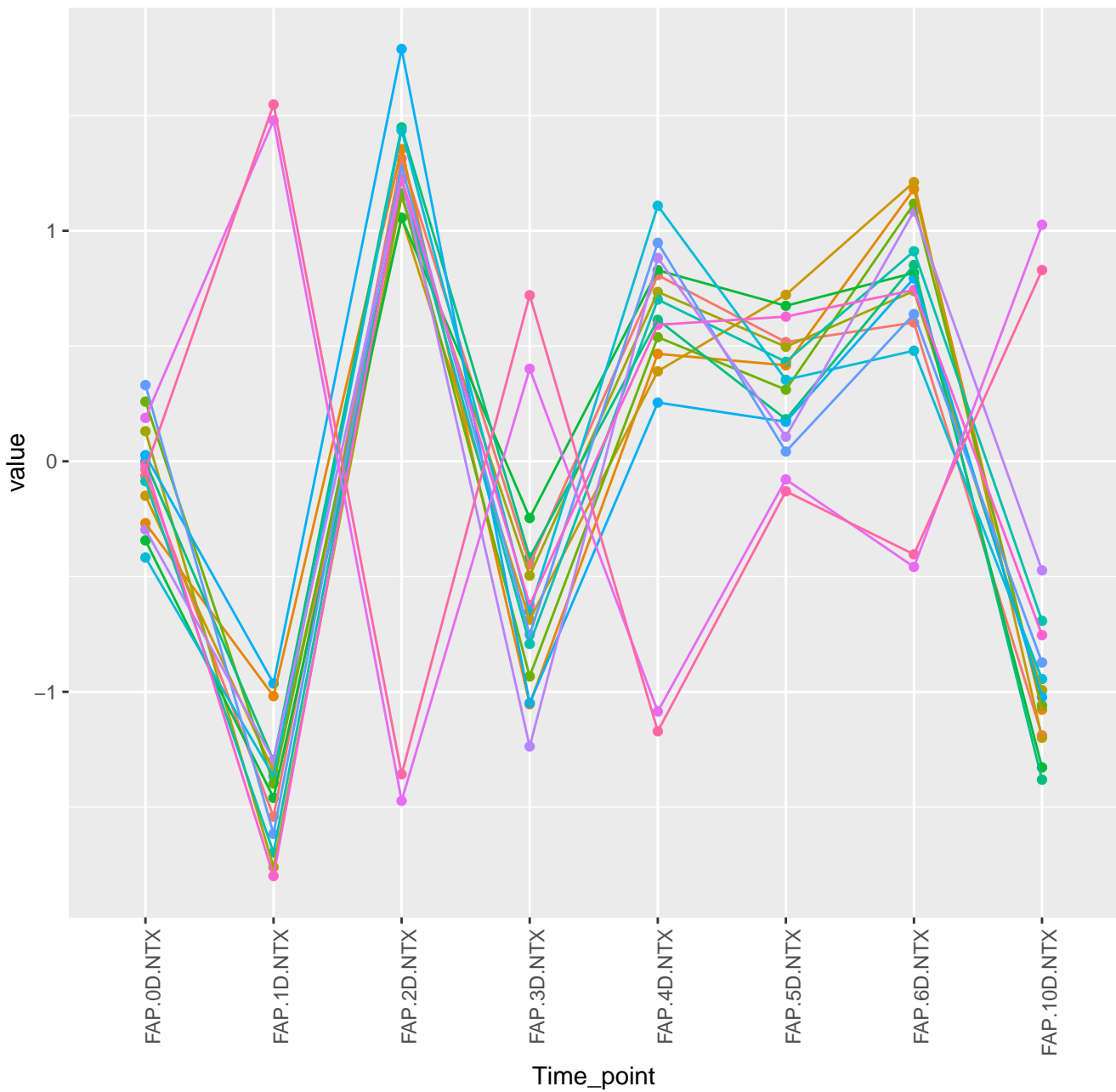
22 genes – cluster 356



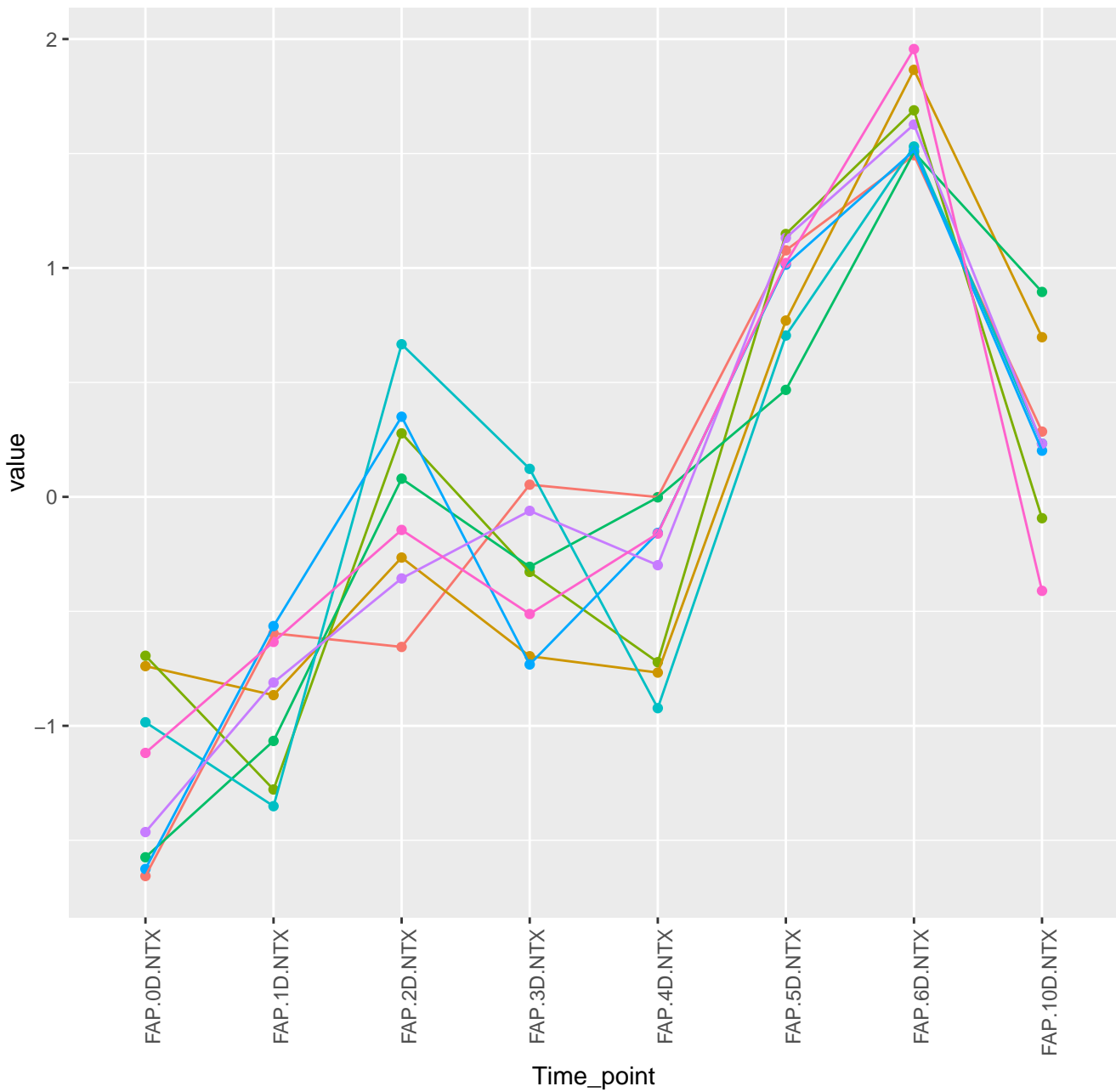
19 genes – cluster 357



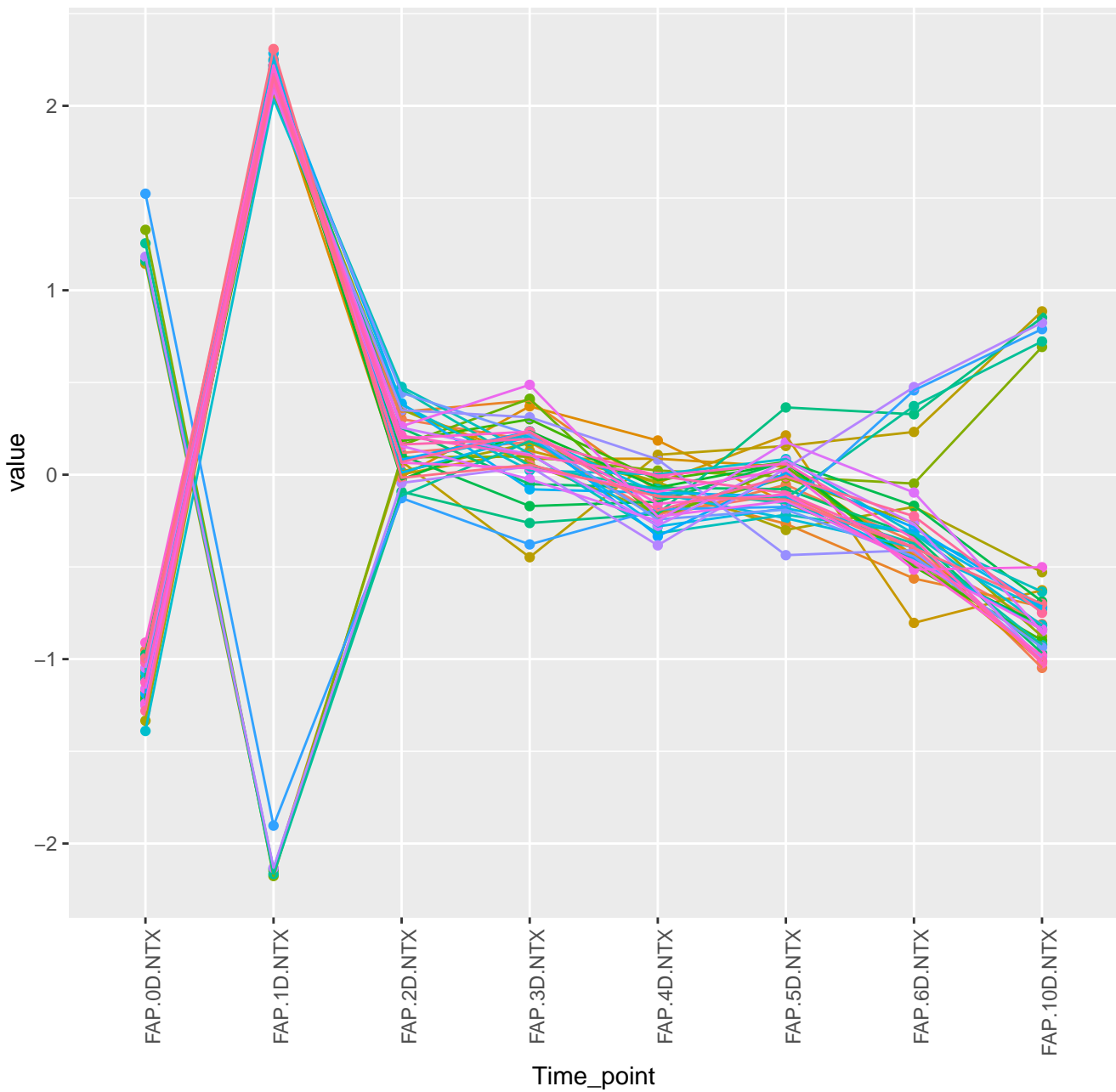
15 genes – cluster 358



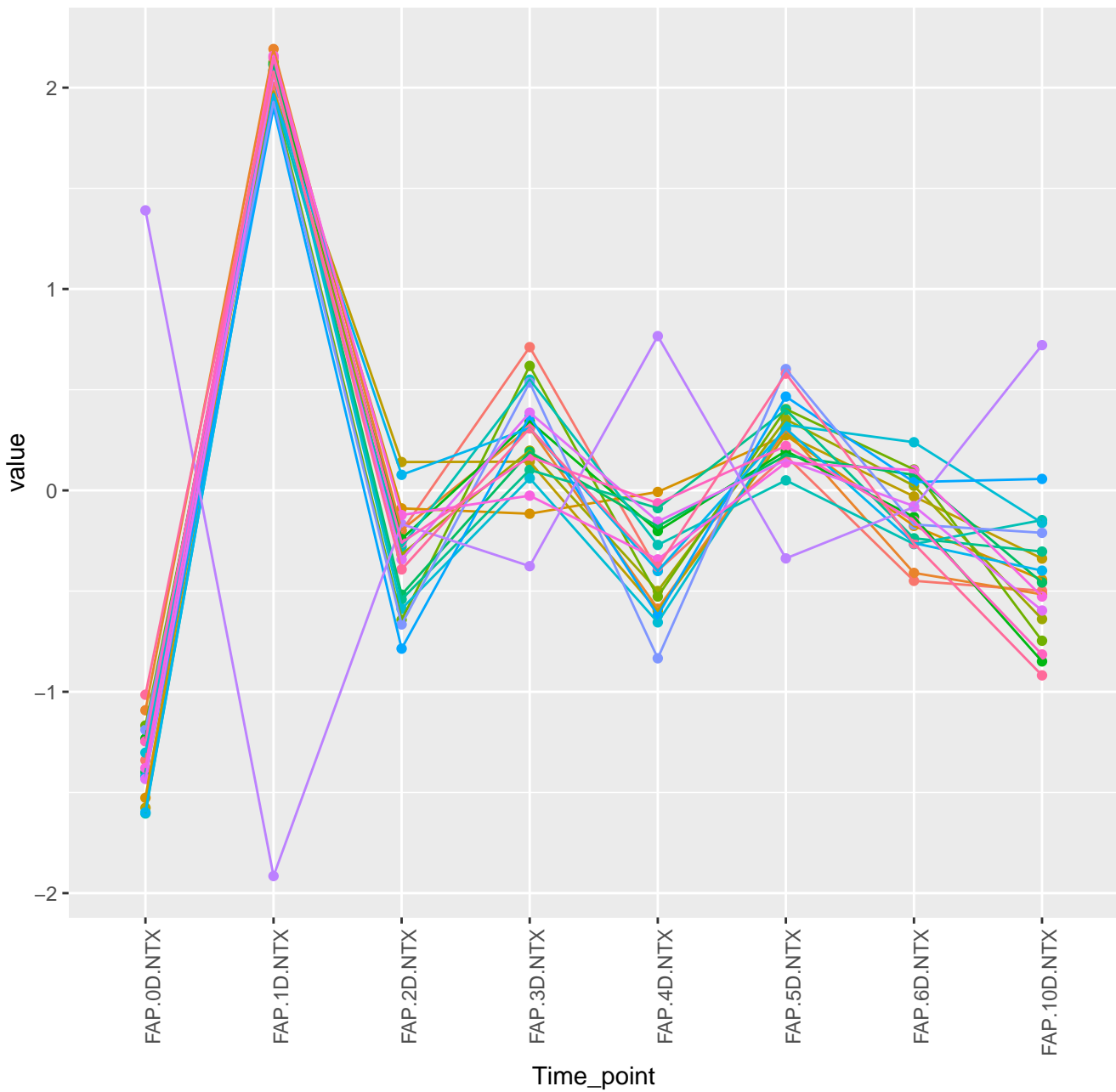
8 genes – cluster 359



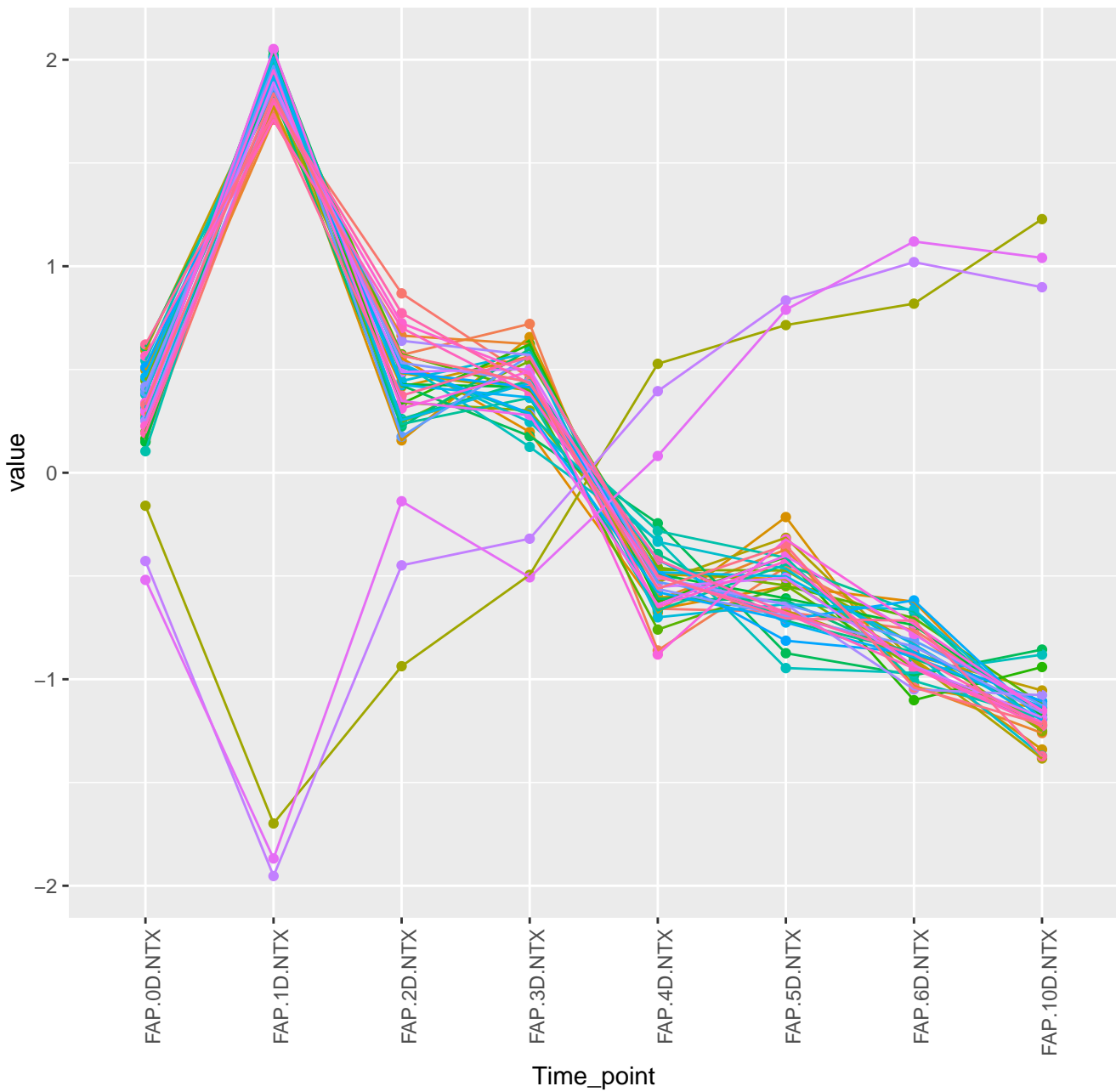
37 genes – cluster 360



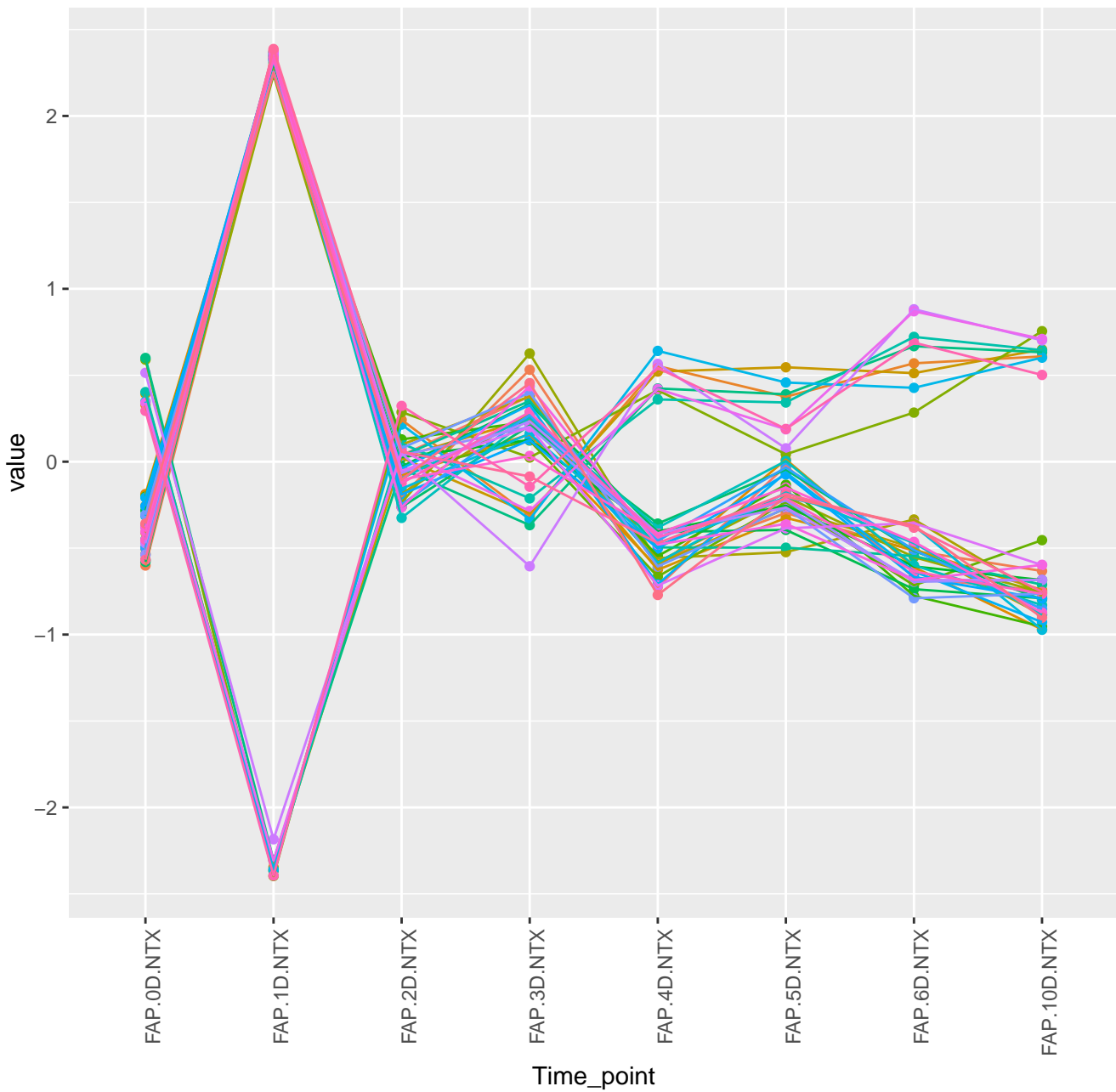
19 genes – cluster 361



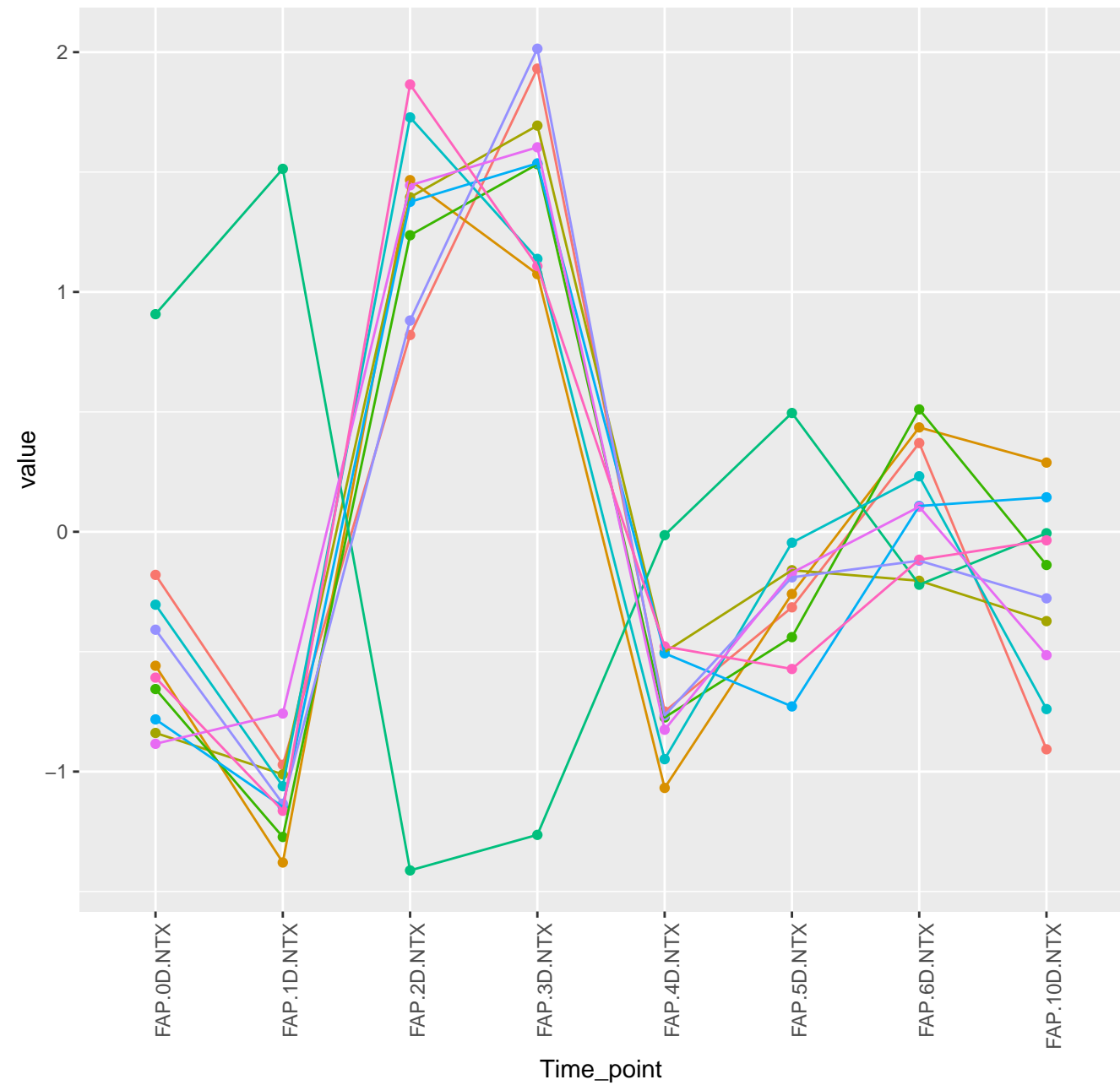
39 genes – cluster 362



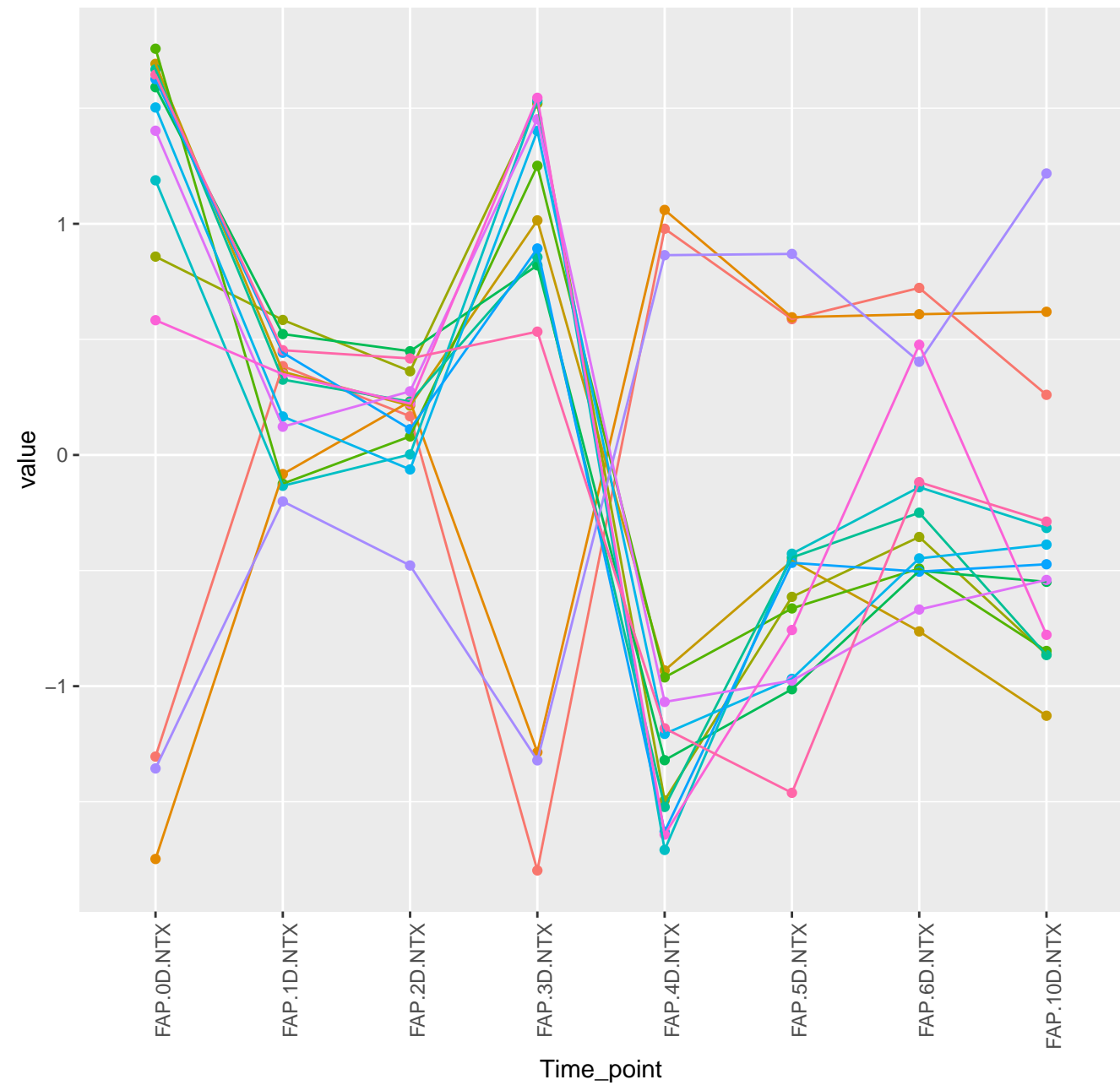
37 genes – cluster 363



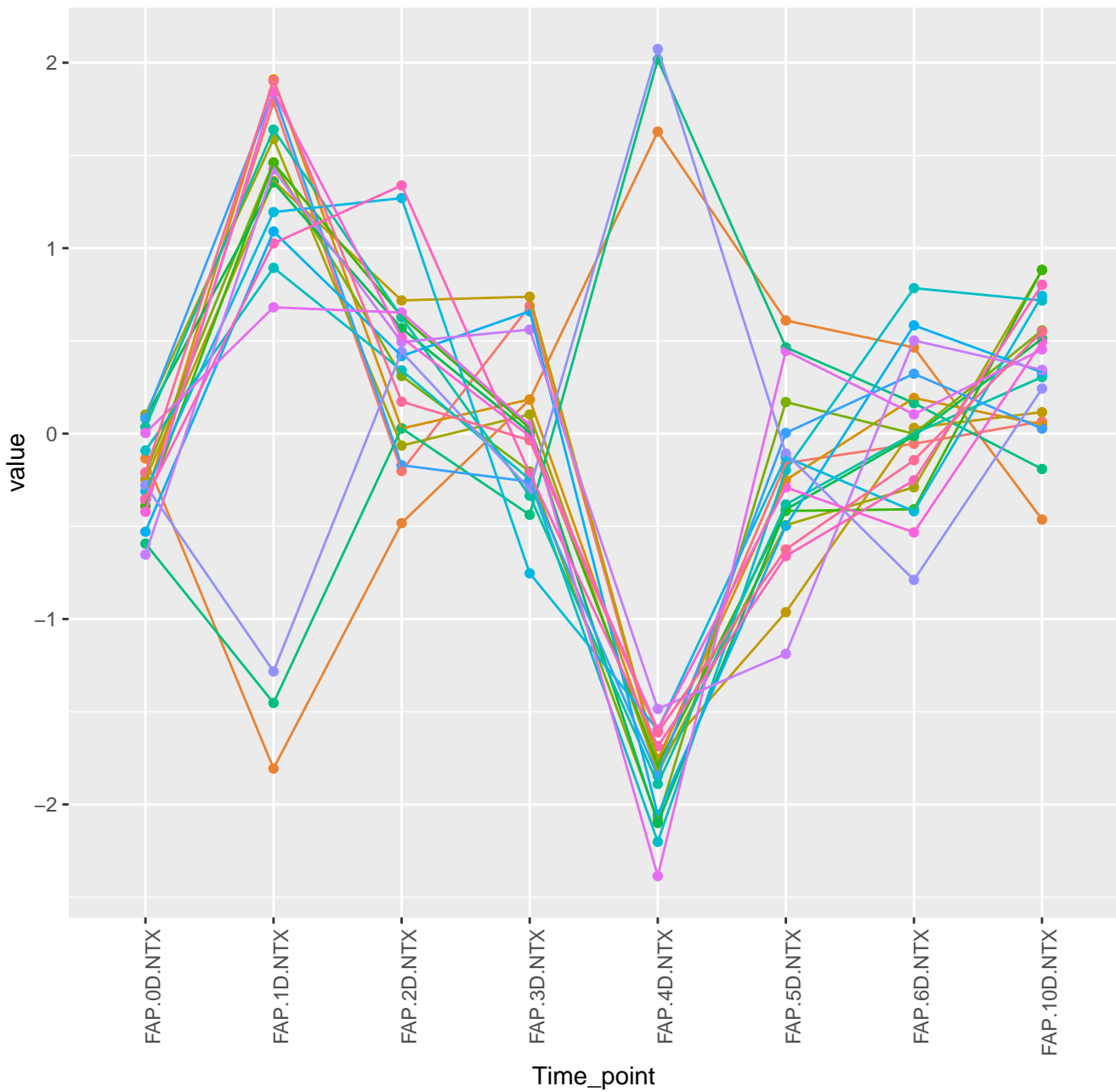
10 genes – cluster 364



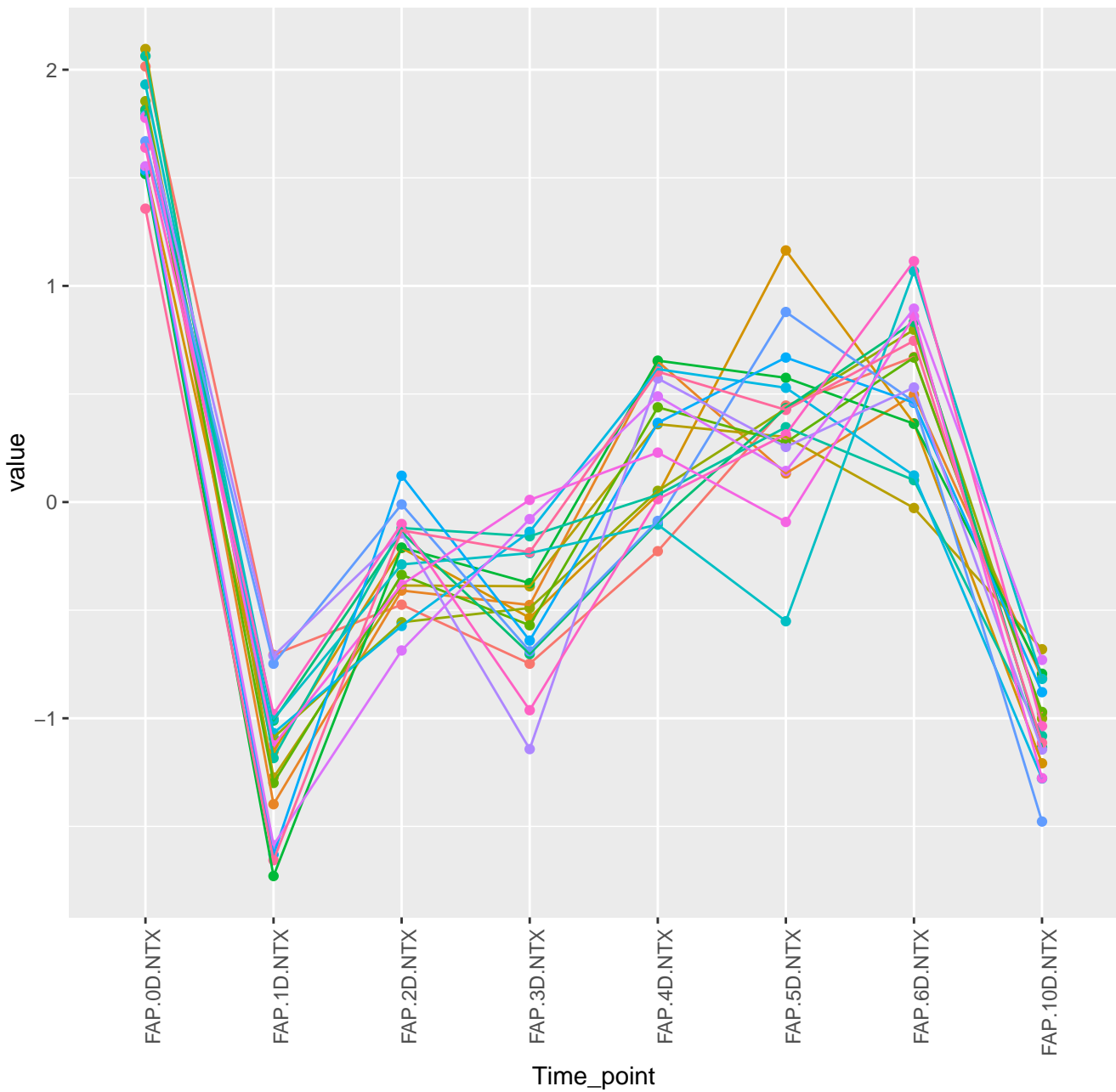
14 genes – cluster 365



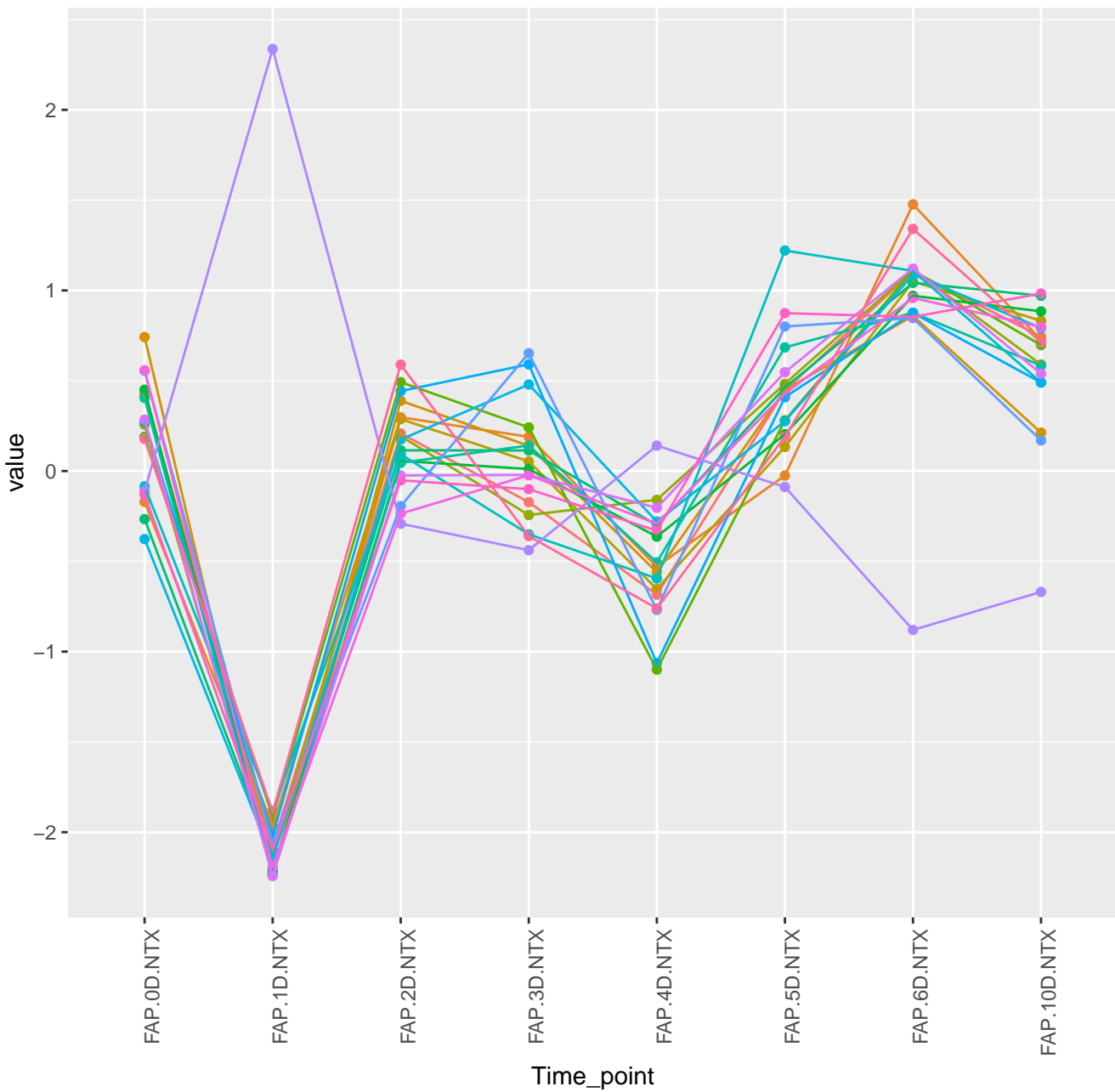
20 genes – cluster 366



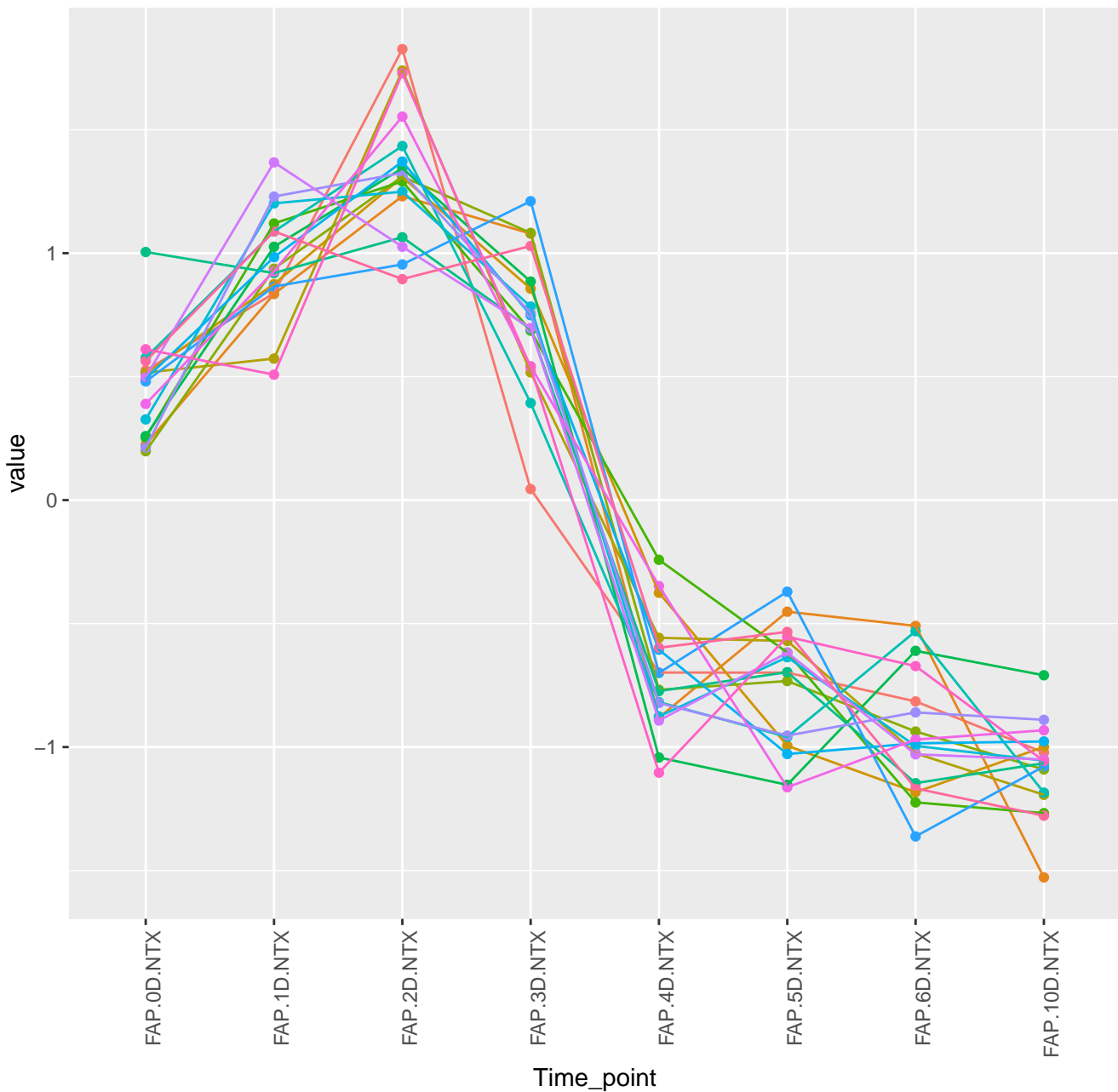
18 genes – cluster 367



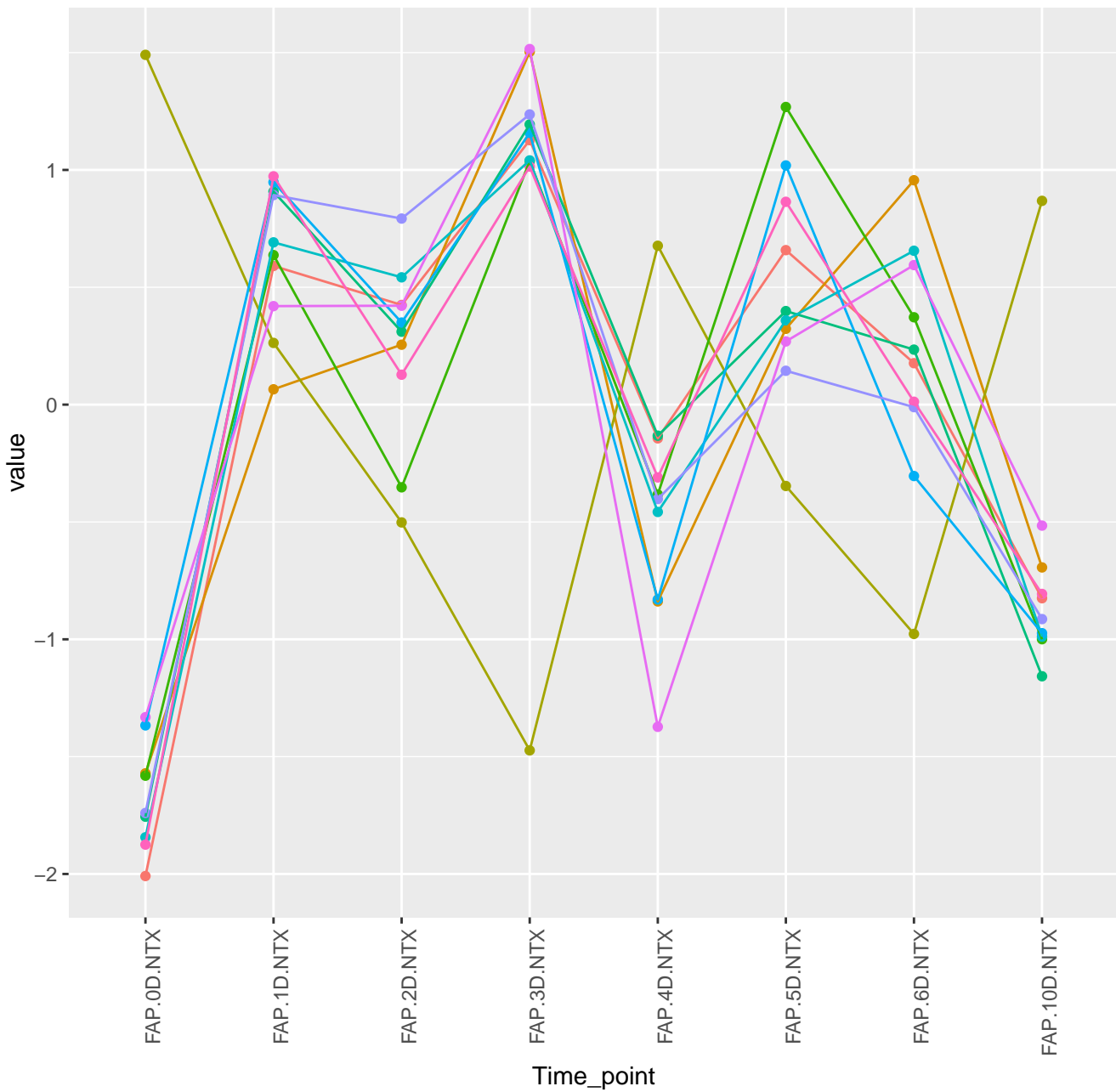
18 genes – cluster 368



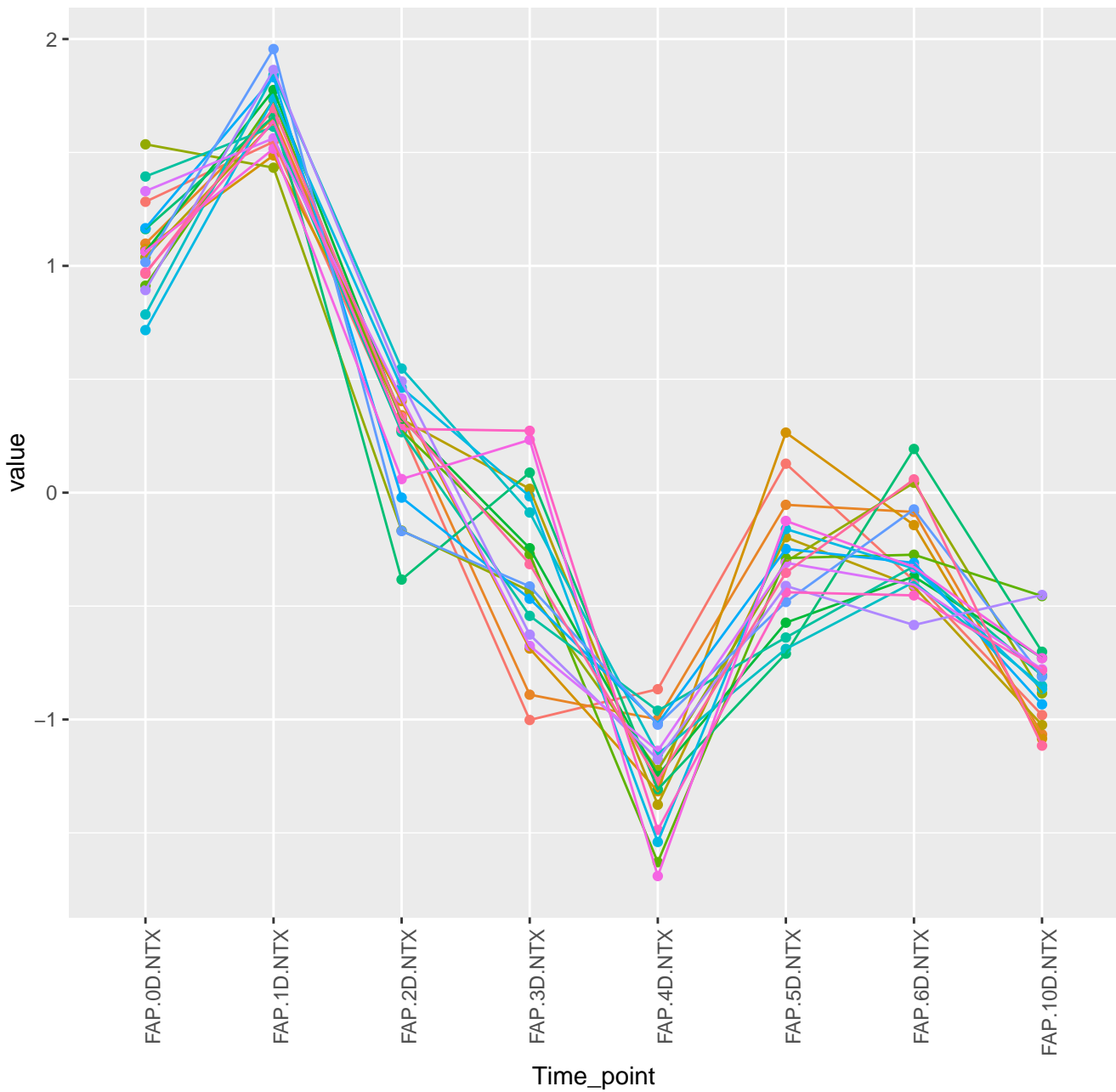
17 genes – cluster 369



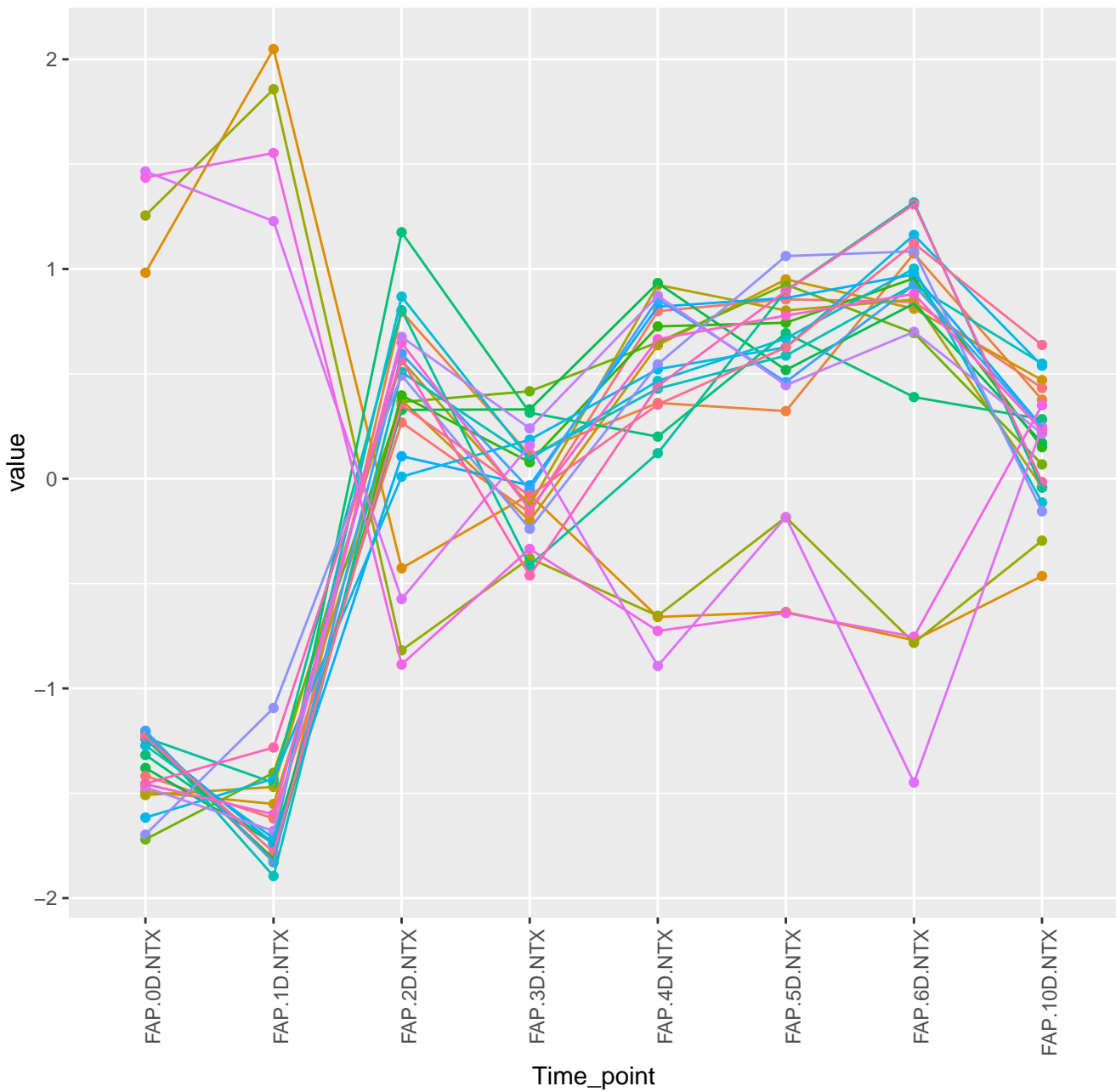
10 genes – cluster 370



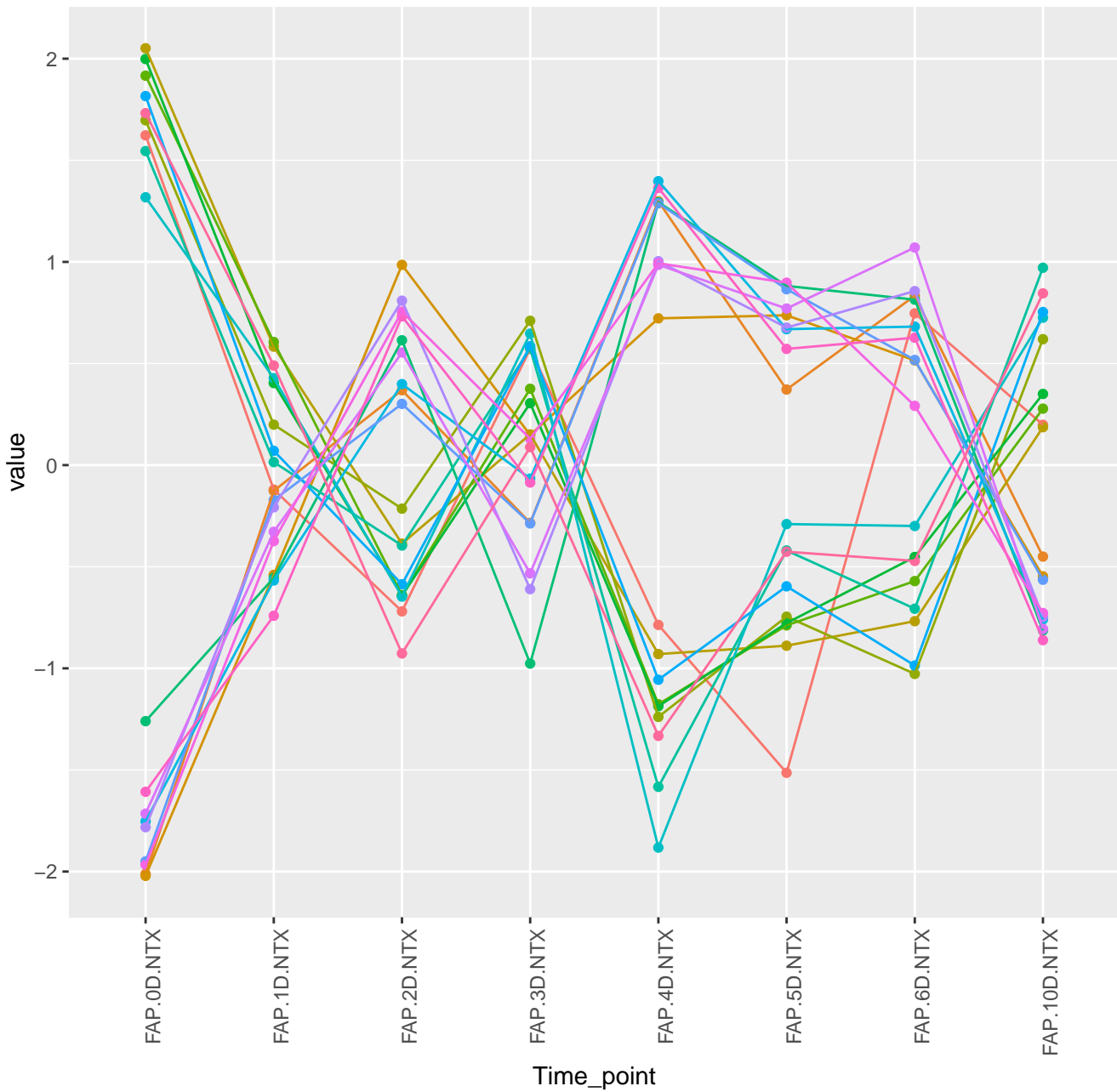
18 genes – cluster 371



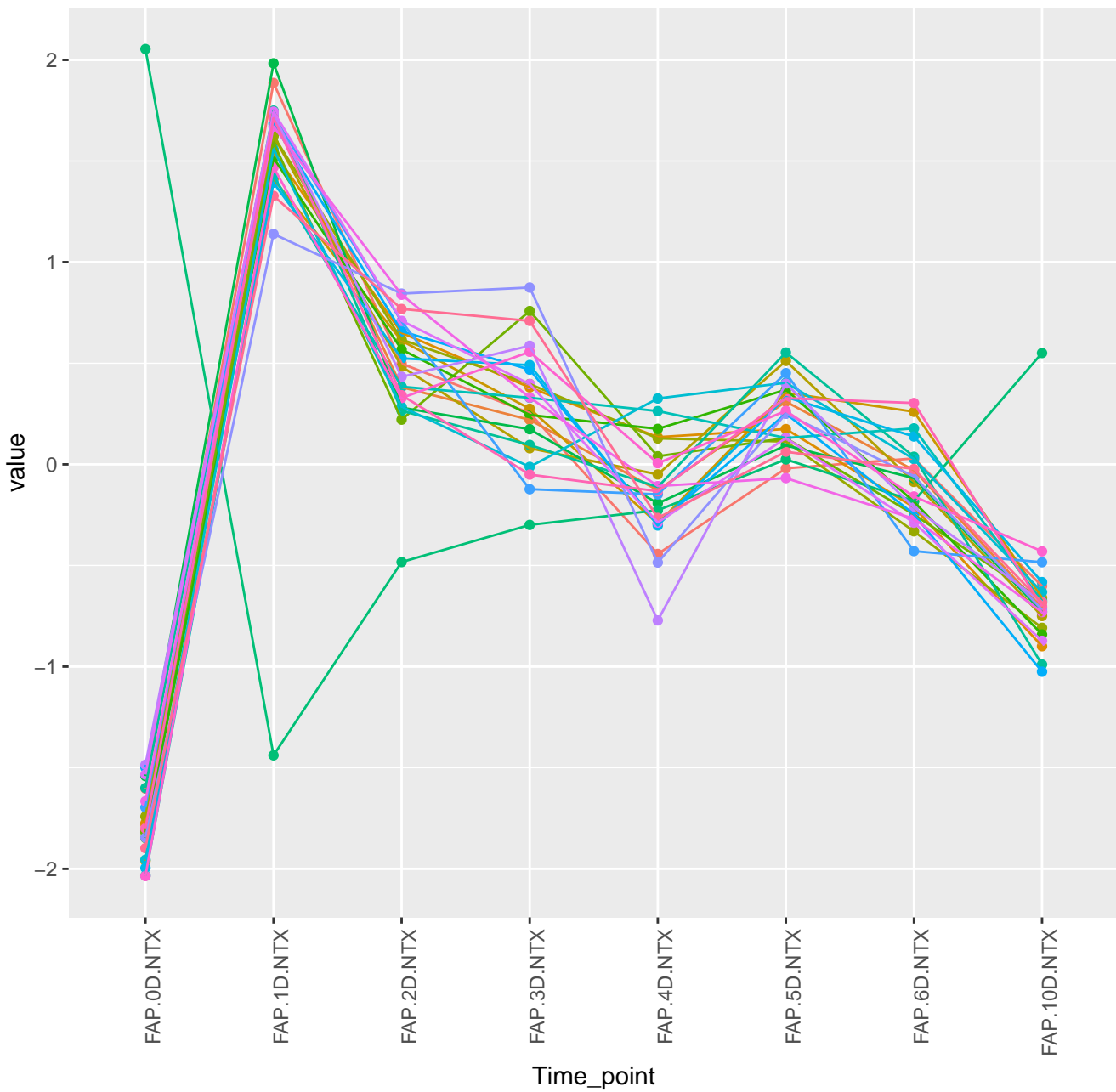
23 genes – cluster 372



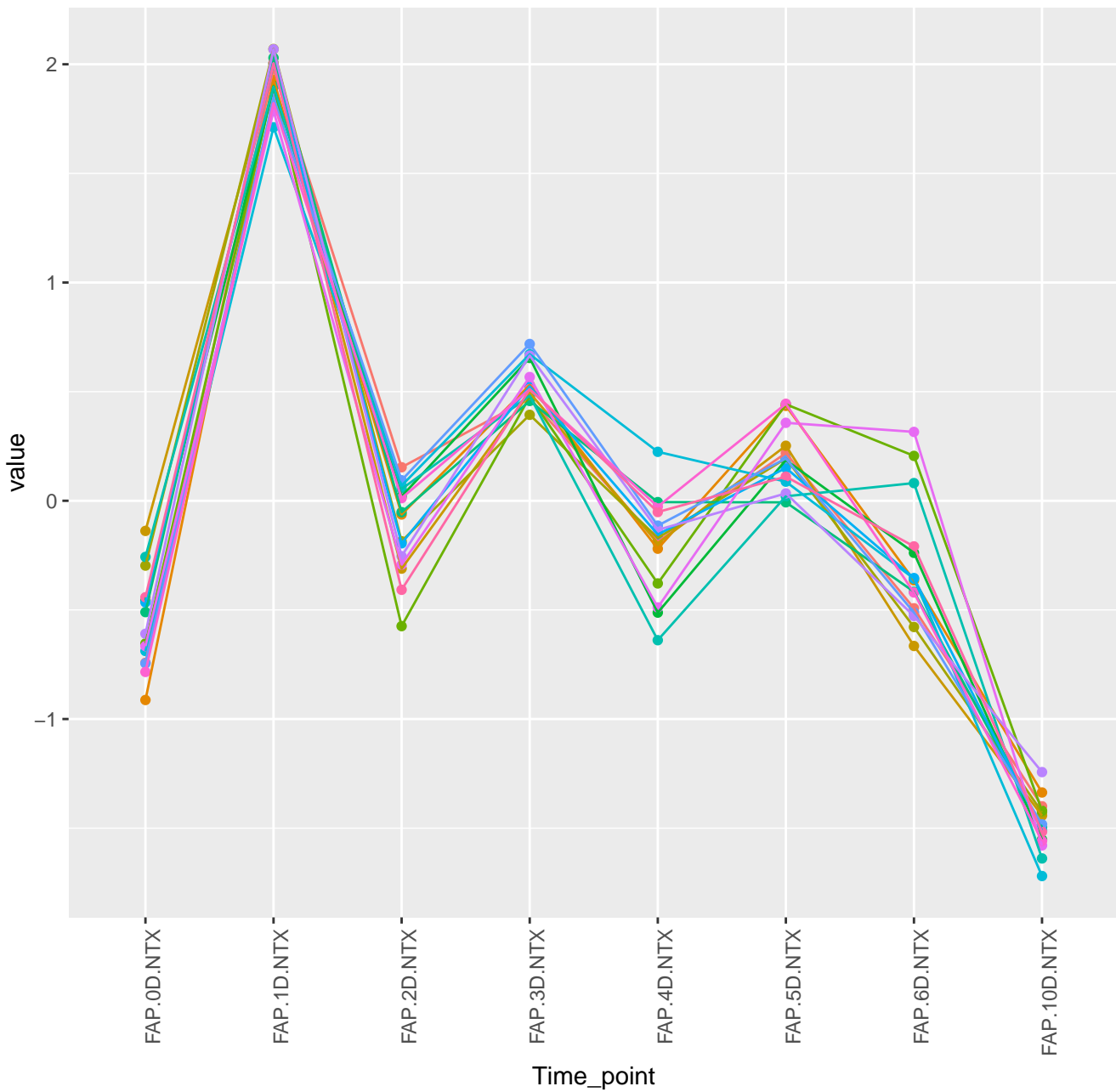
18 genes – cluster 373



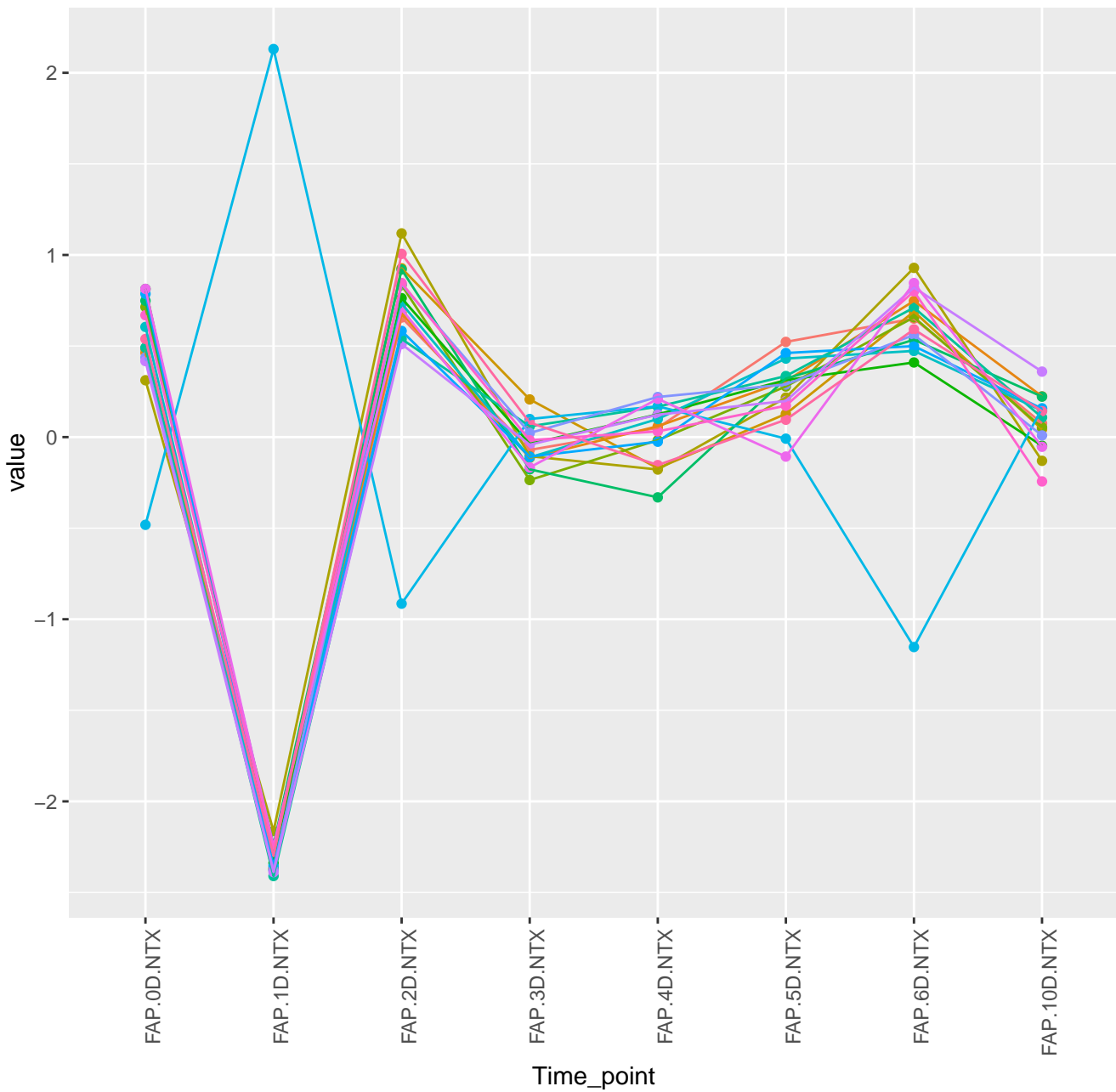
23 genes – cluster 374



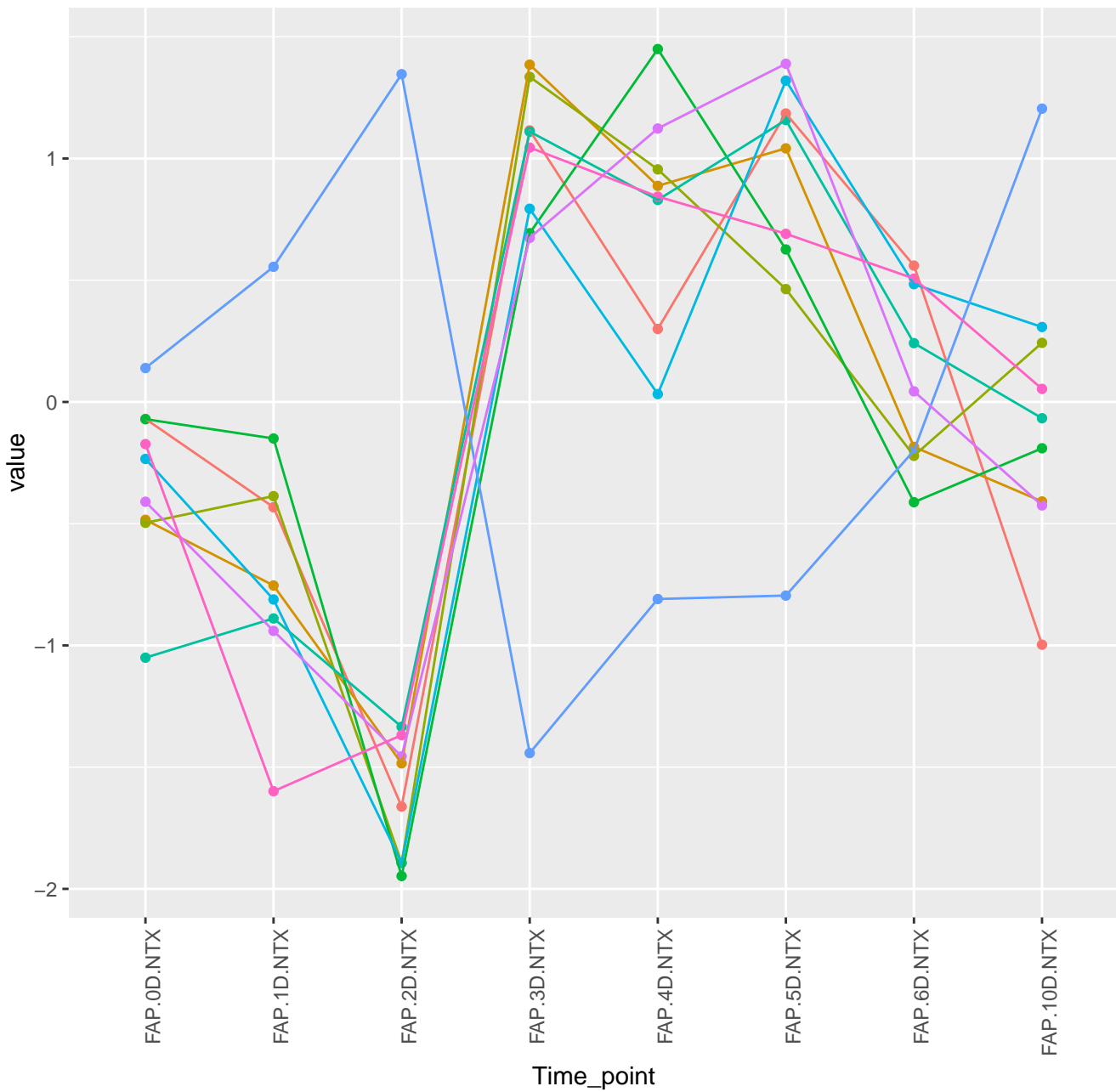
15 genes – cluster 375



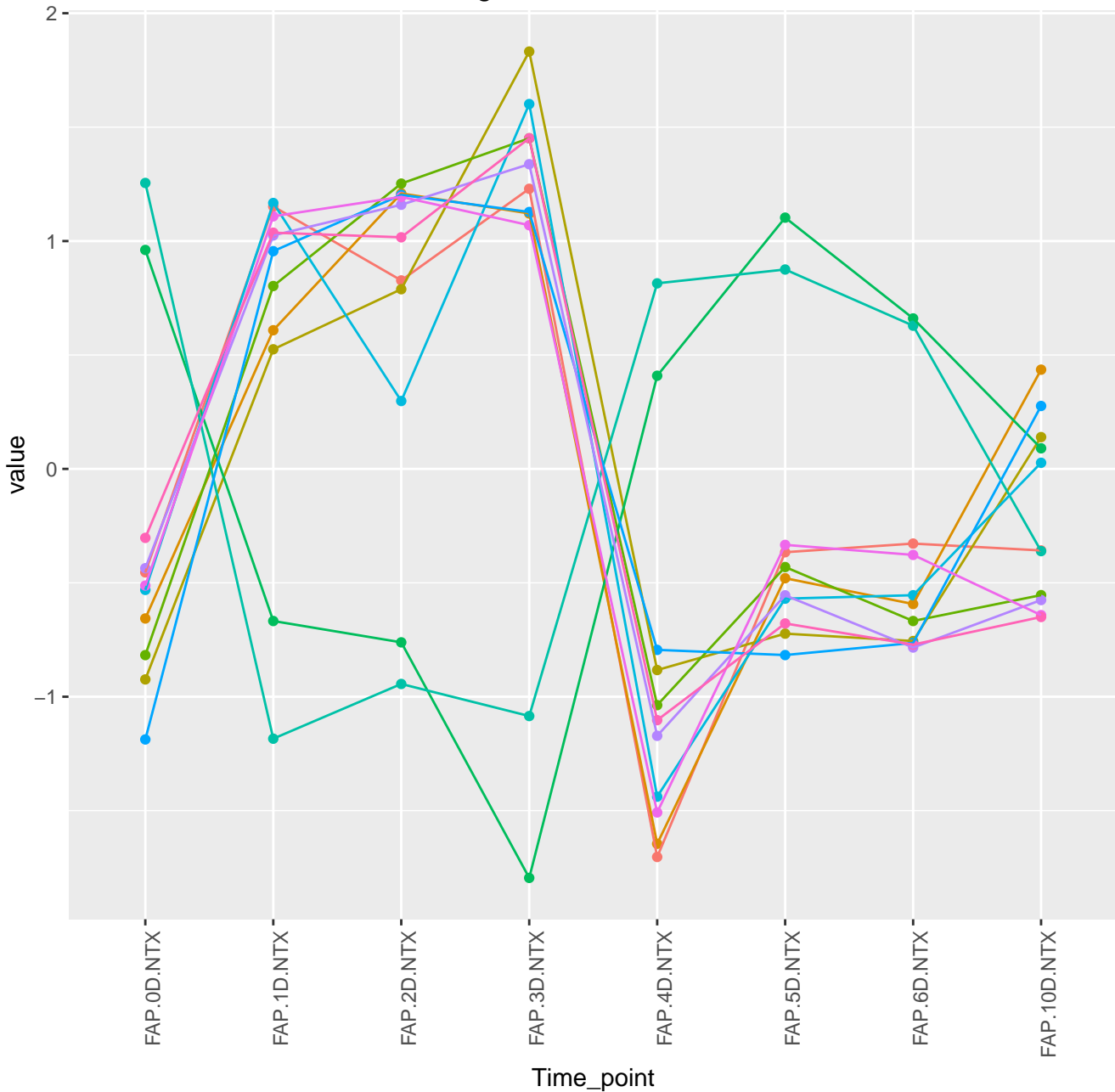
16 genes – cluster 376



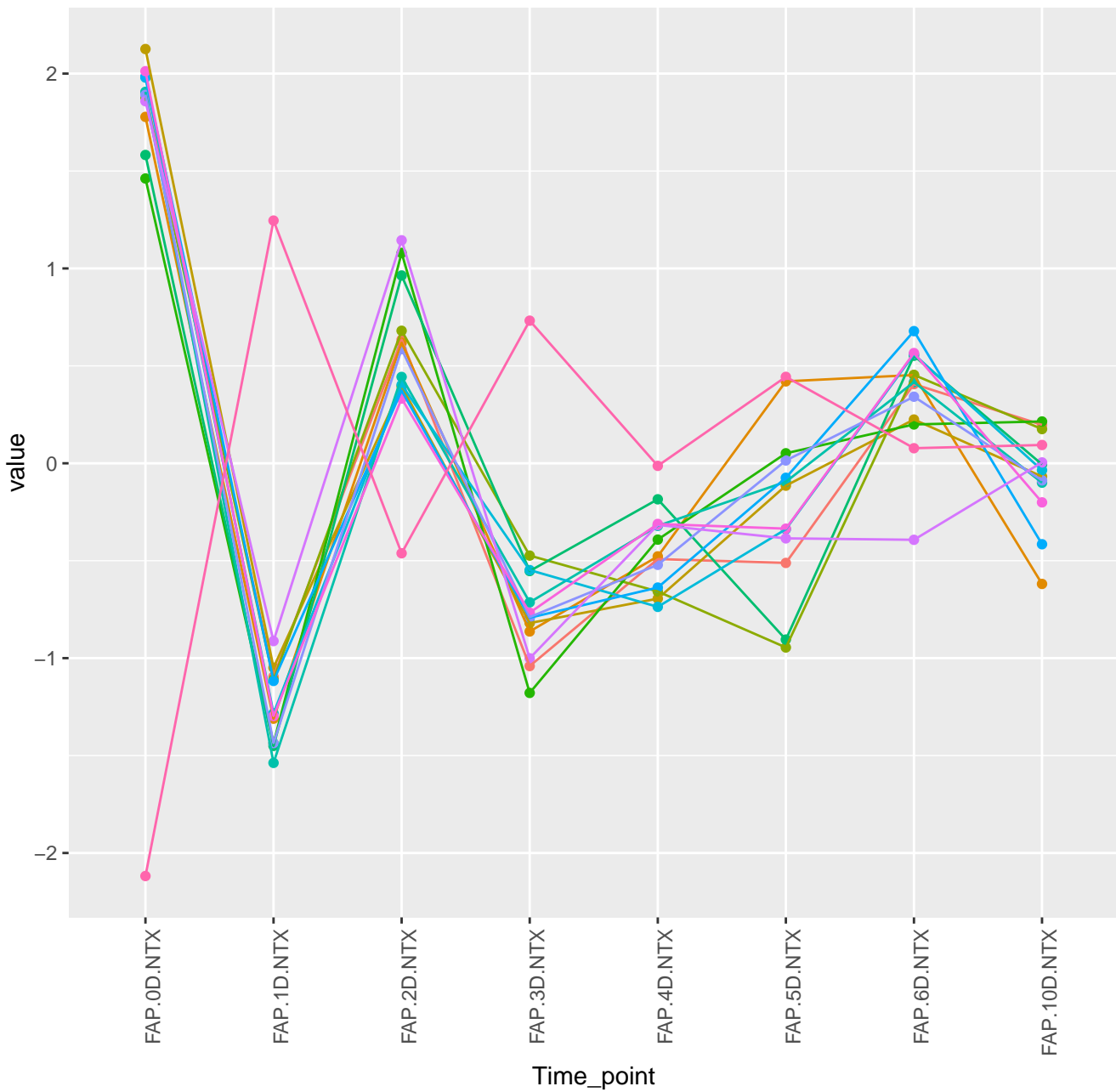
9 genes – cluster 377



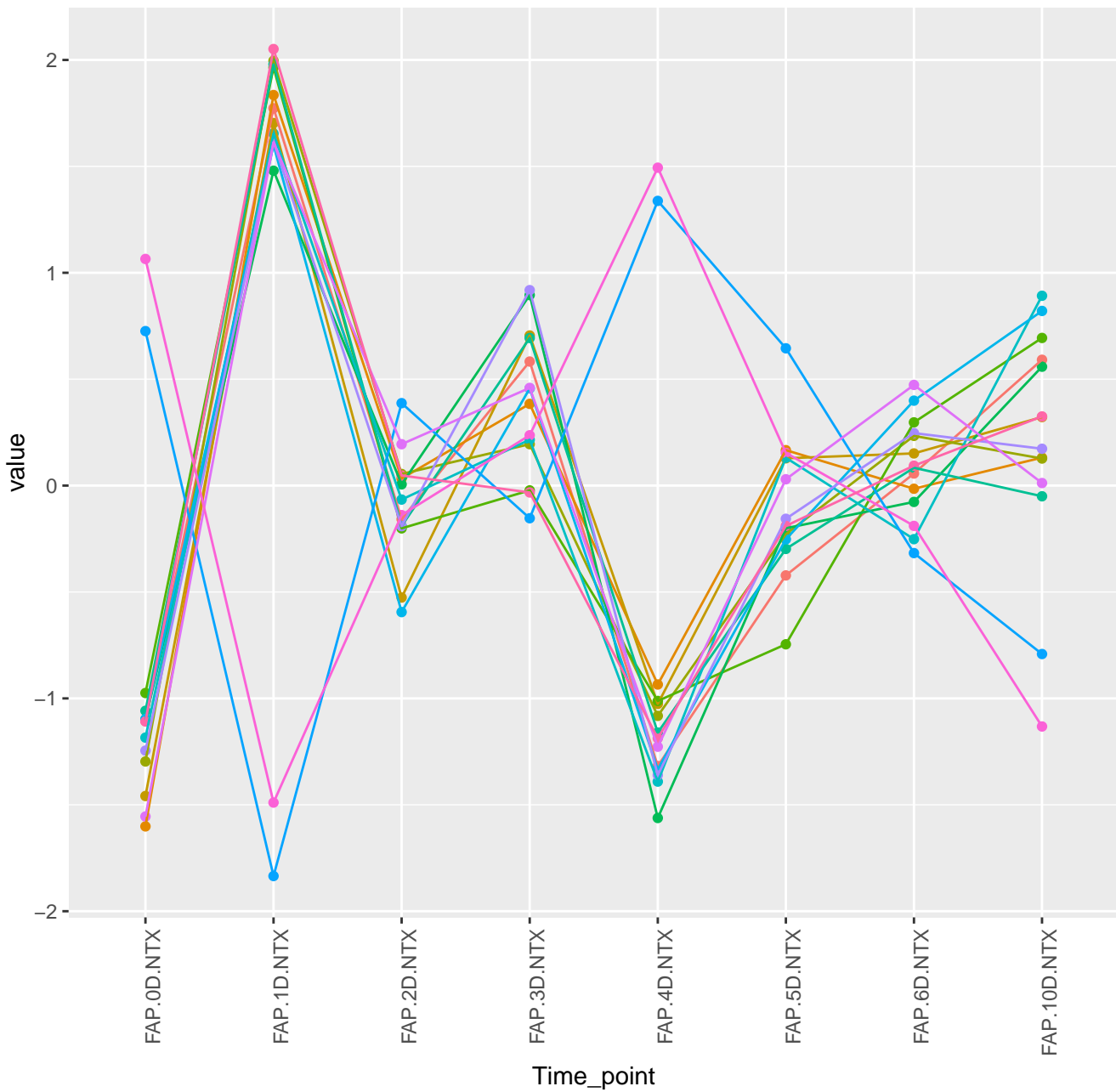
11 genes – cluster 378



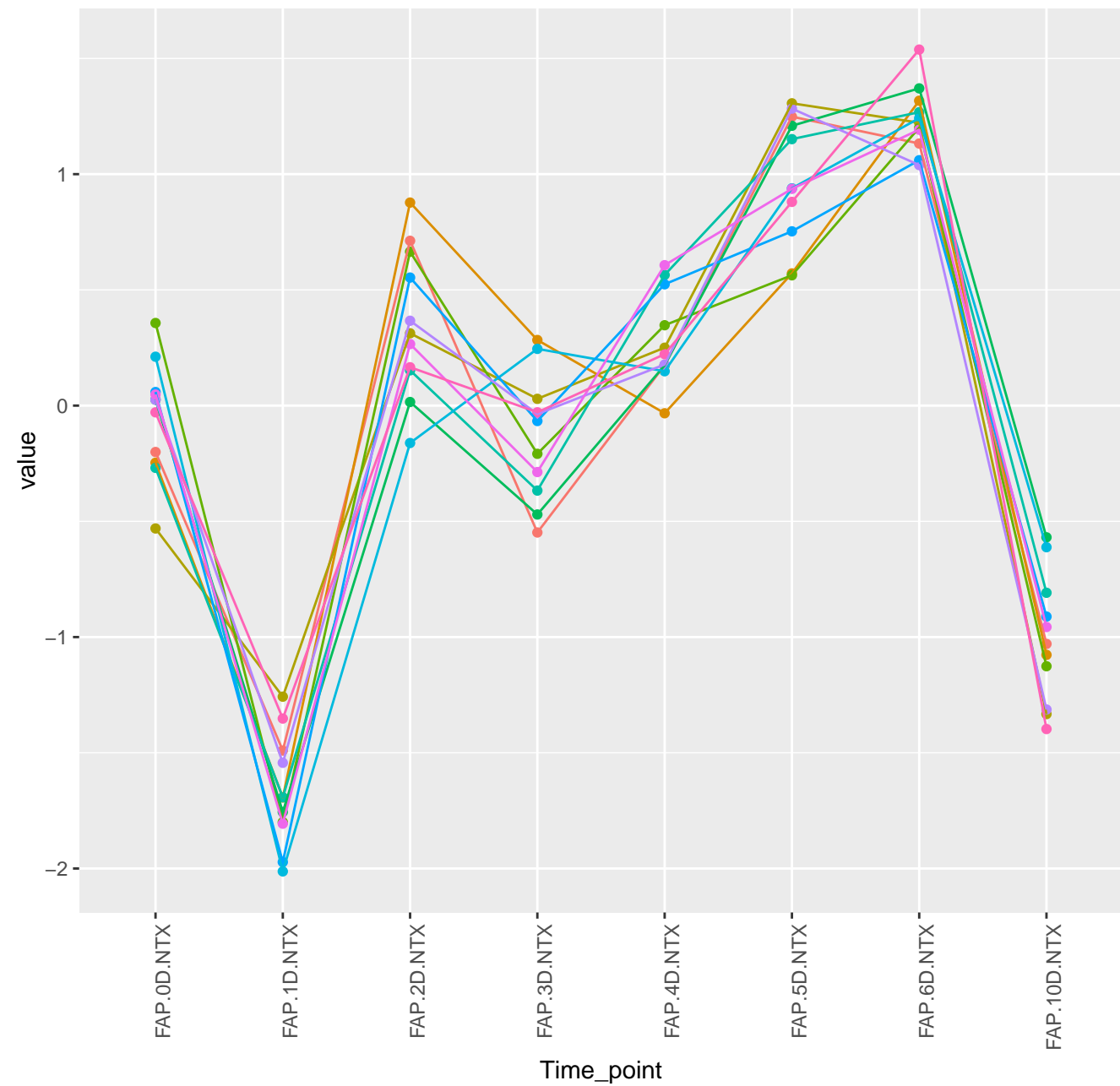
13 genes – cluster 379



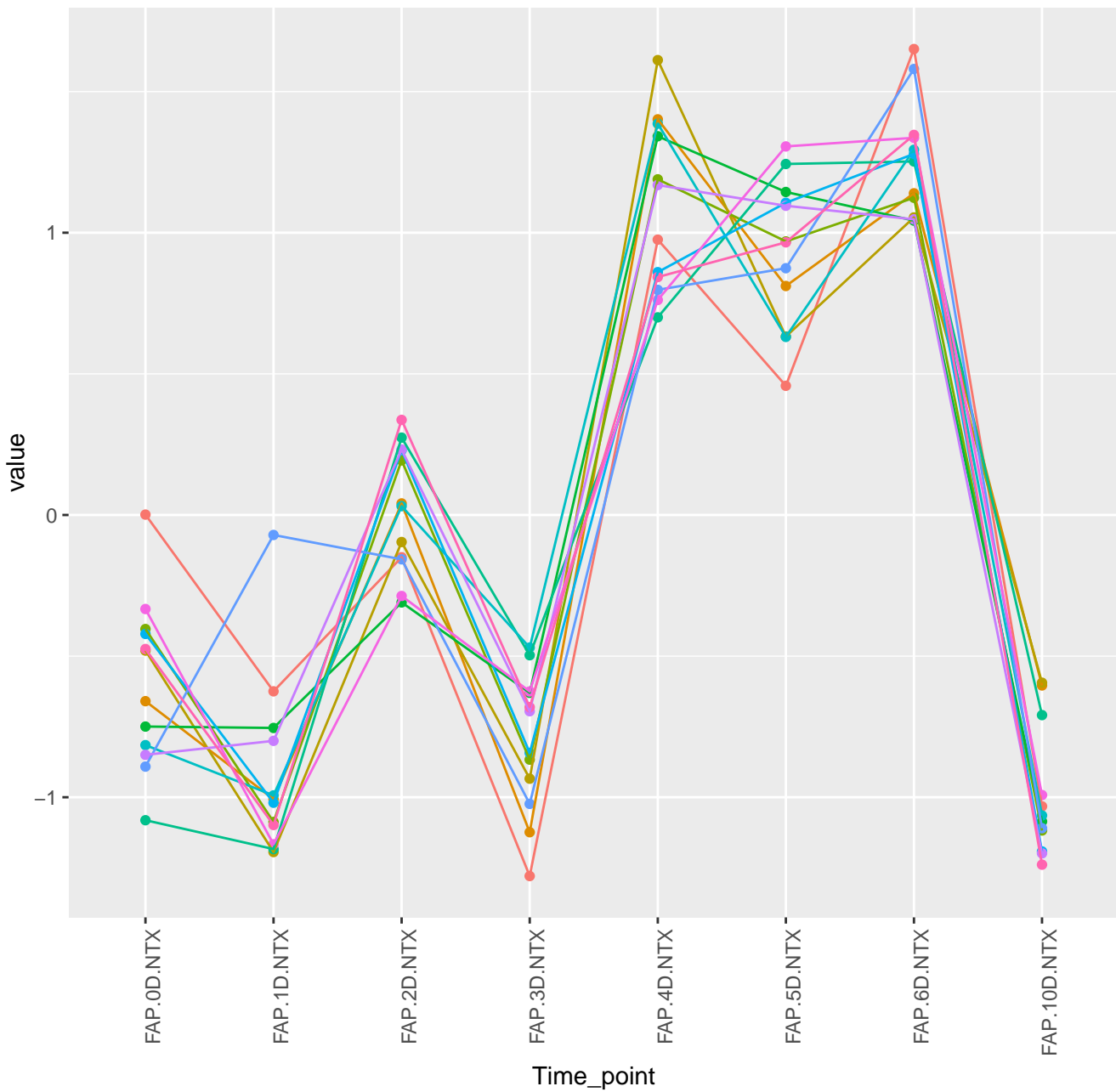
14 genes – cluster 380



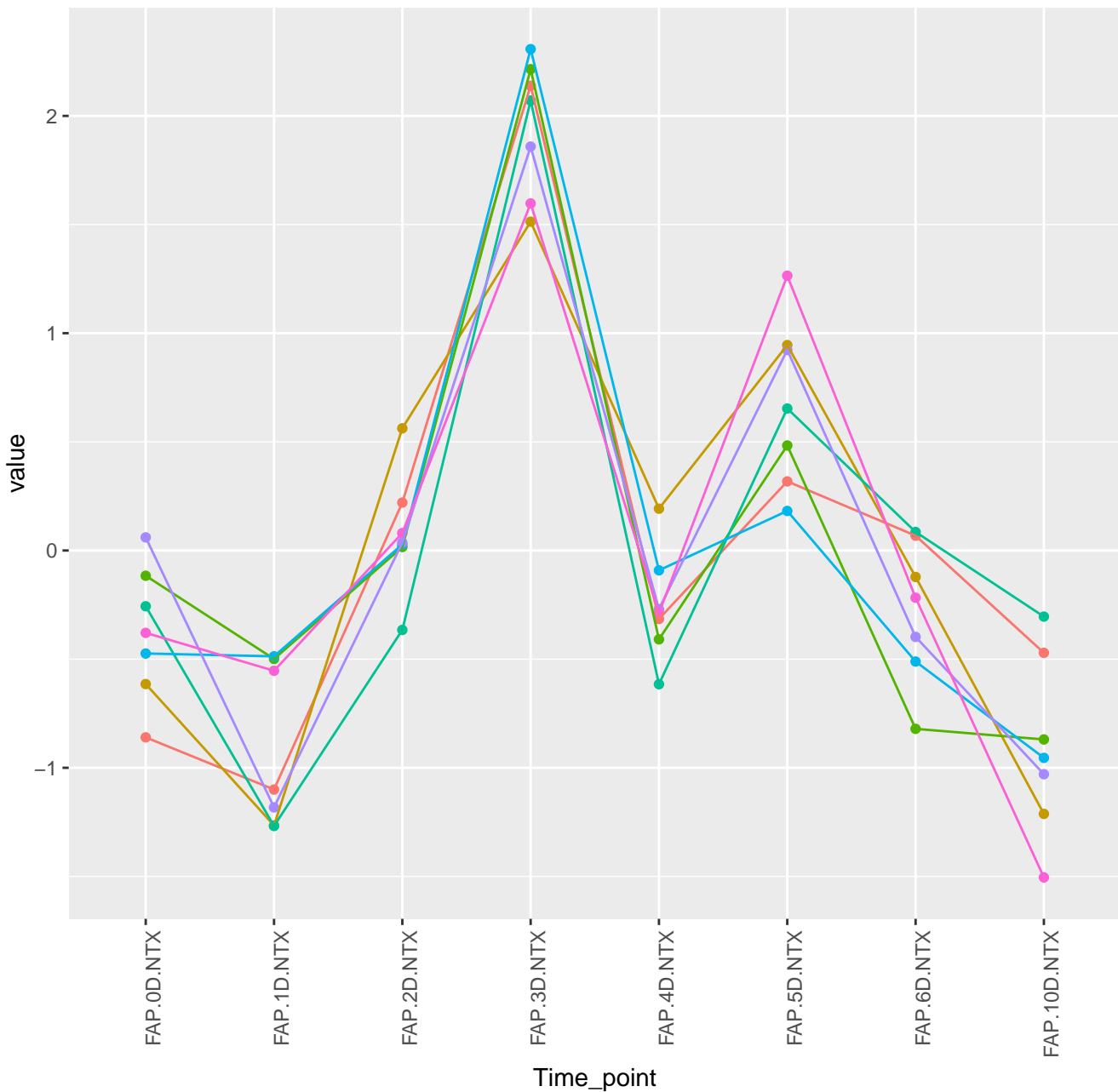
11 genes – cluster 381



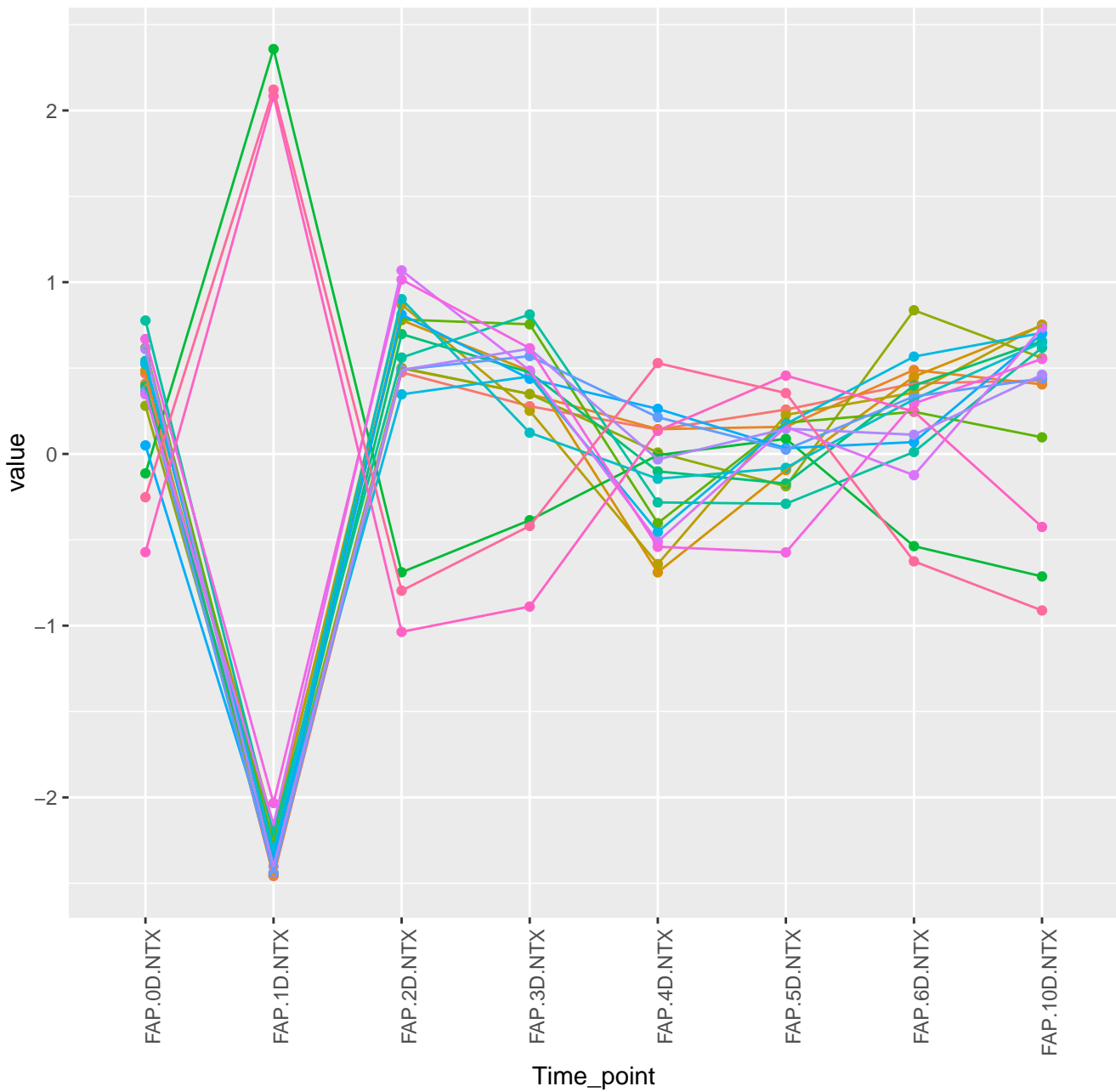
12 genes – cluster 382



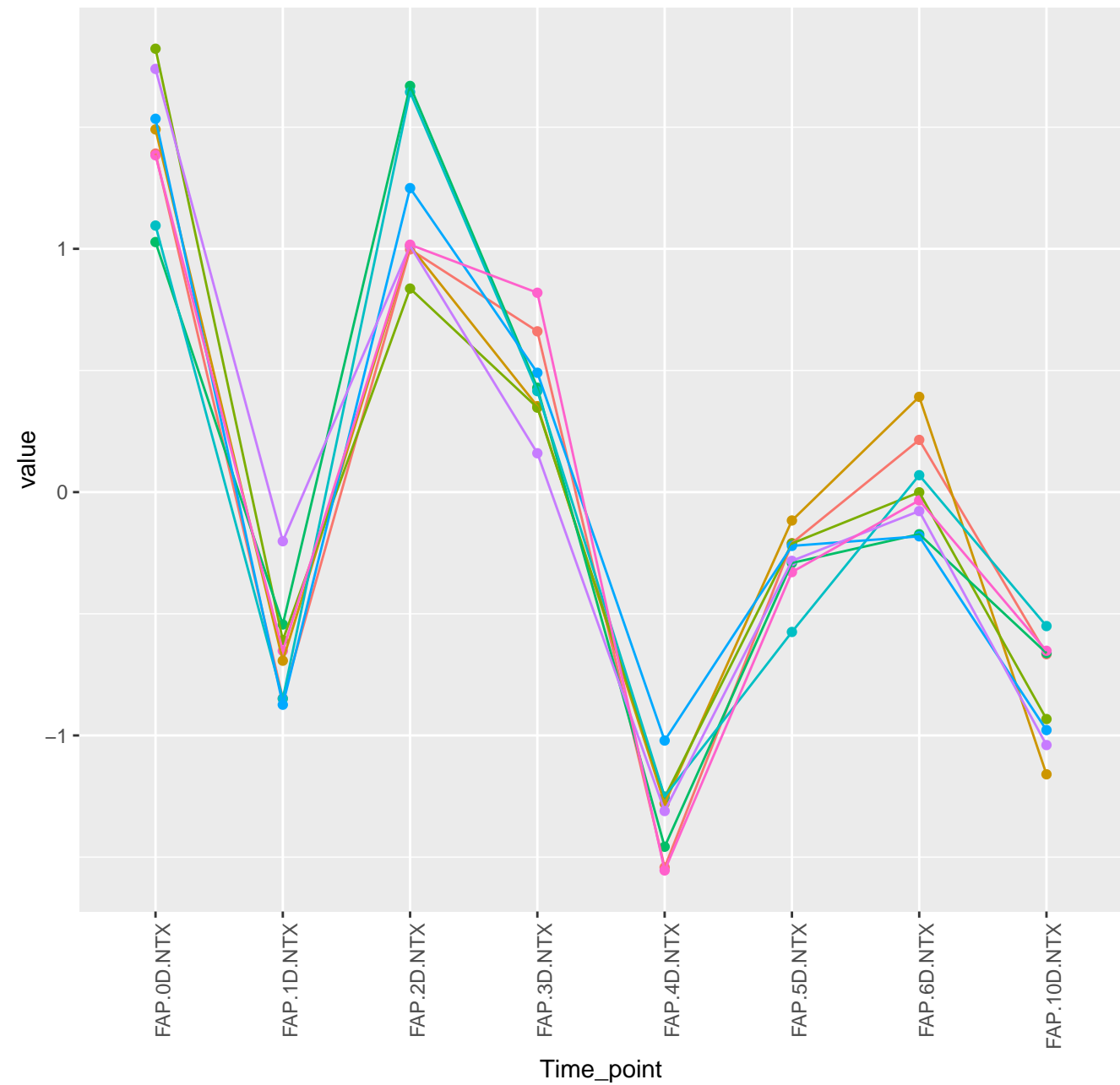
7 genes – cluster 383



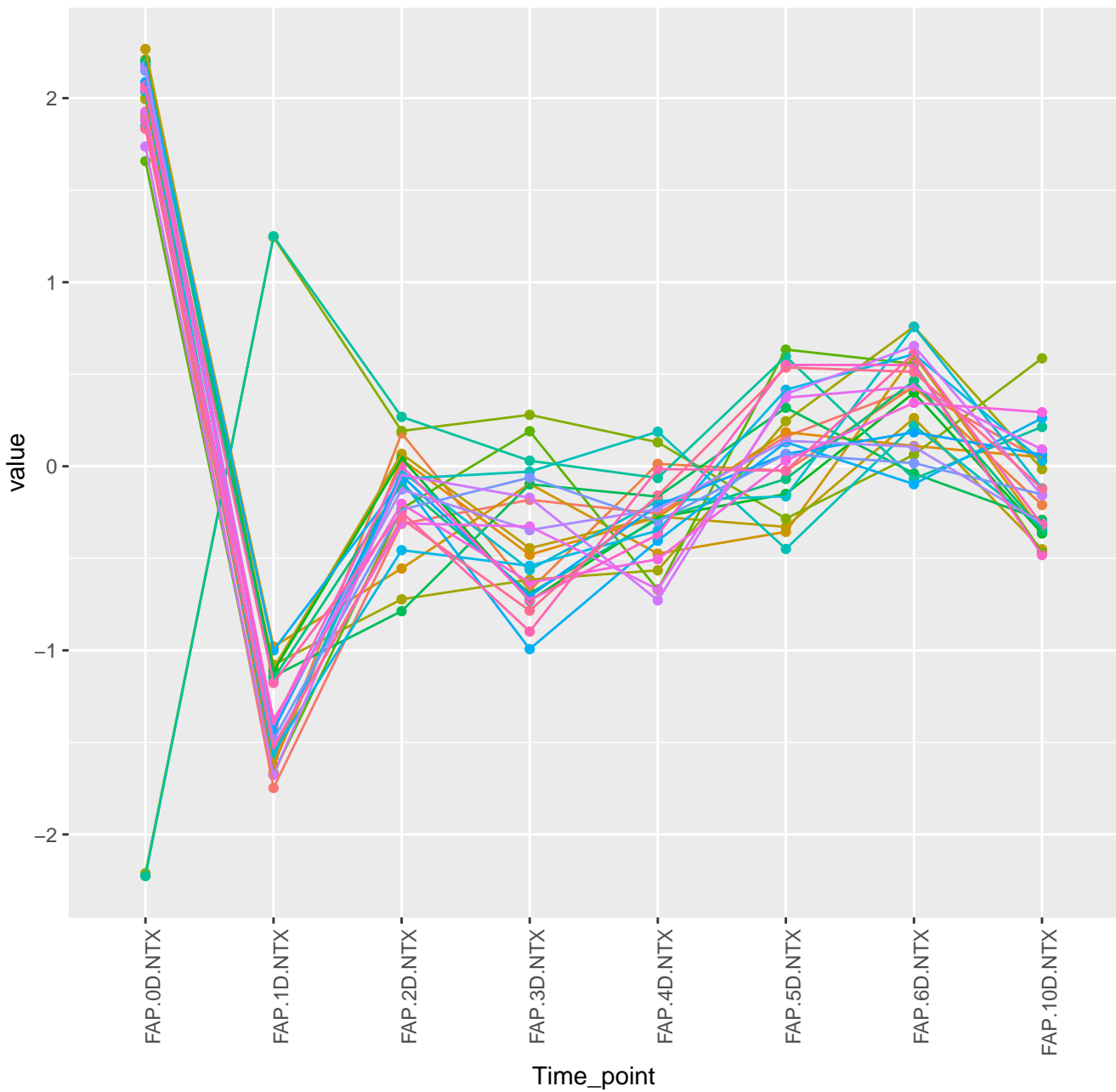
18 genes – cluster 384



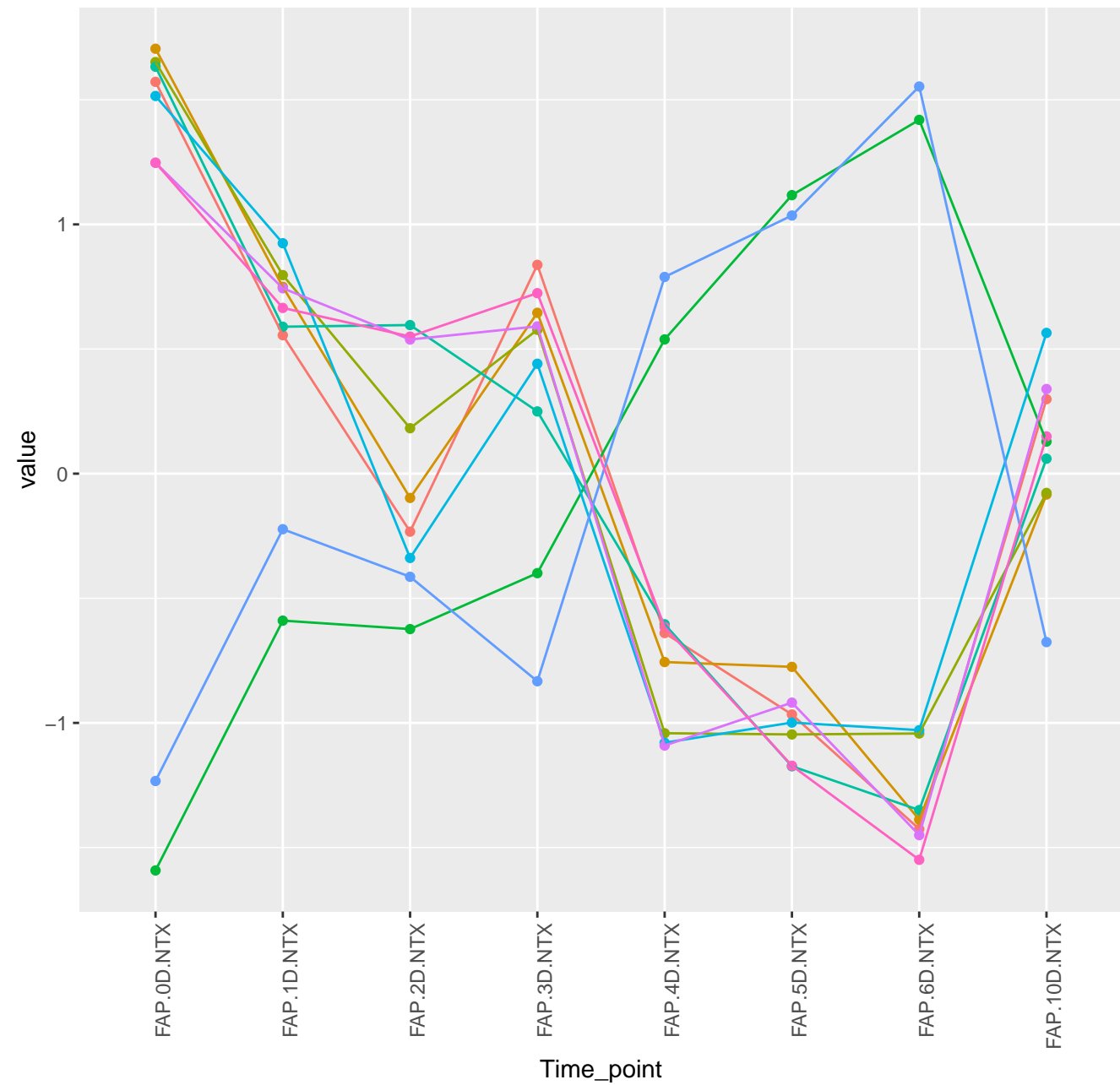
8 genes – cluster 385



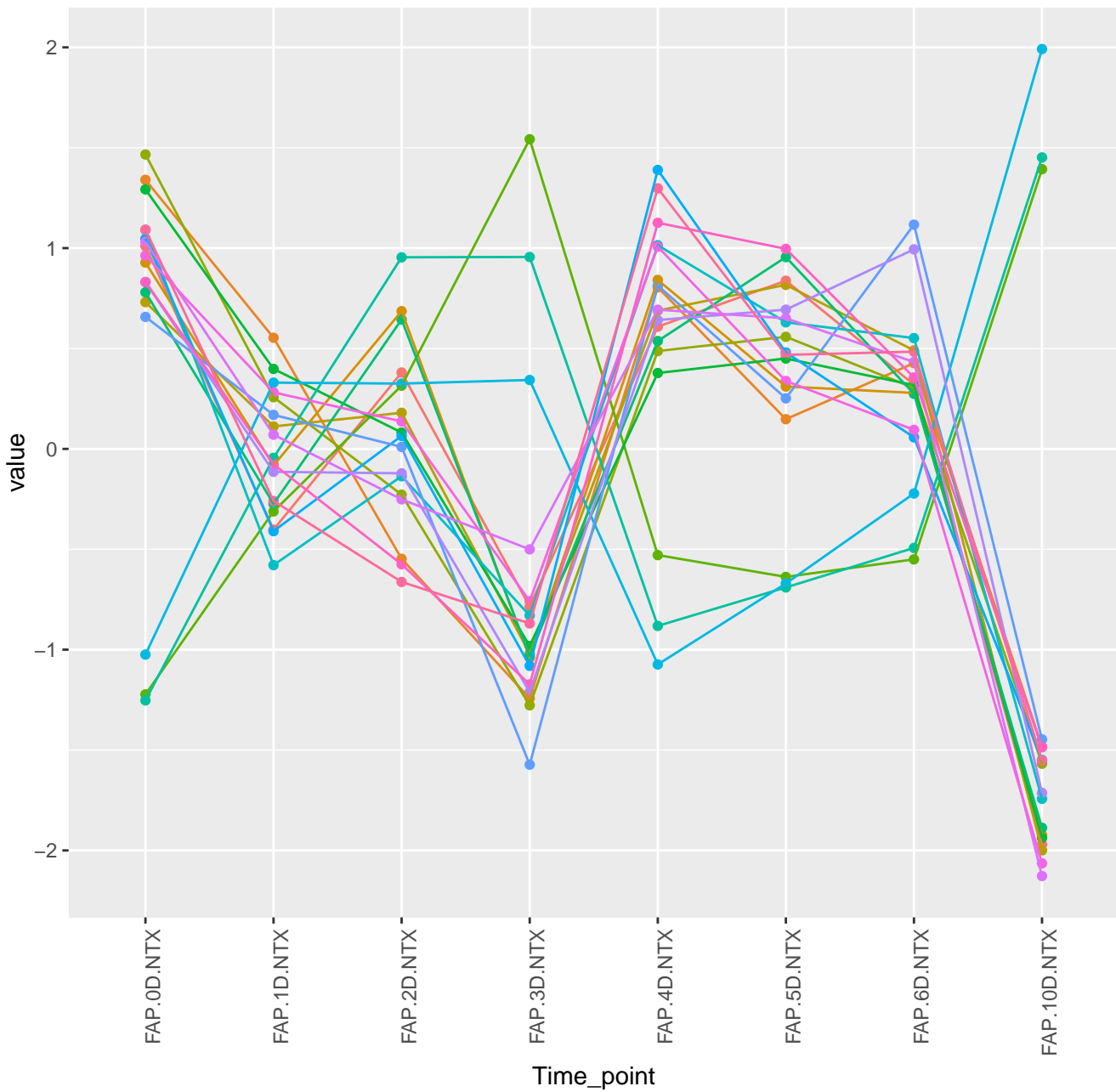
25 genes – cluster 386



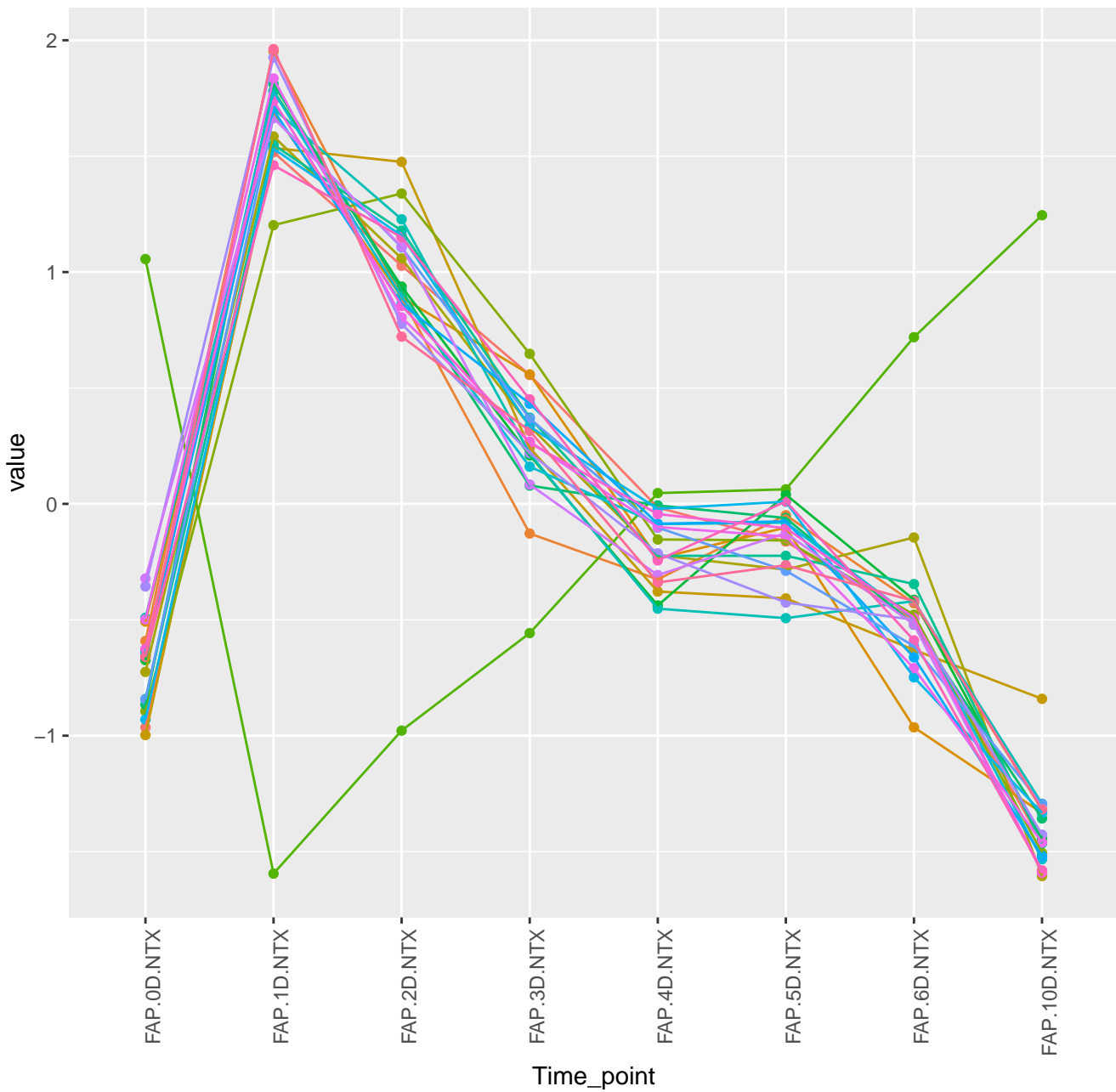
9 genes – cluster 387



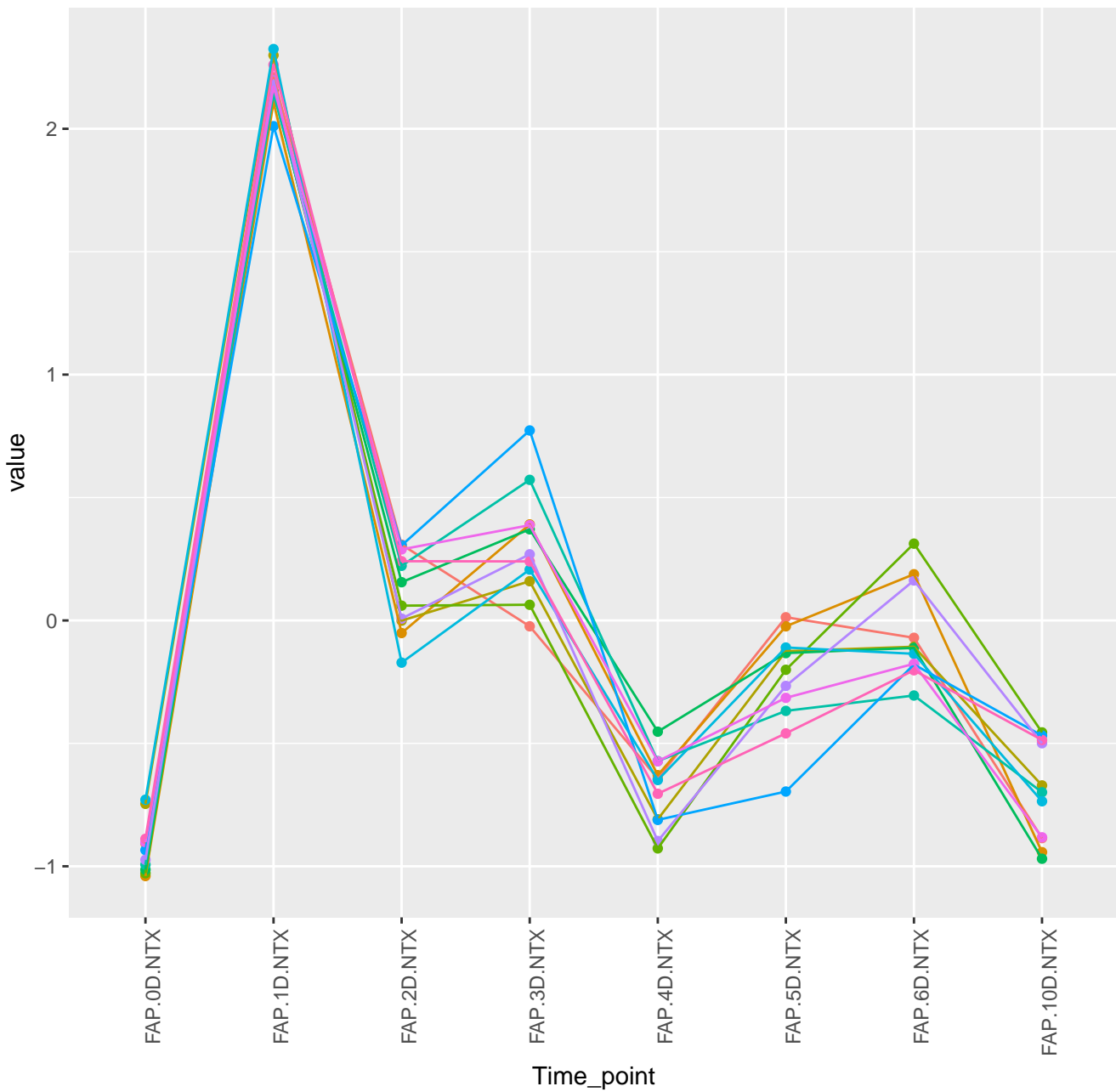
18 genes – cluster 388



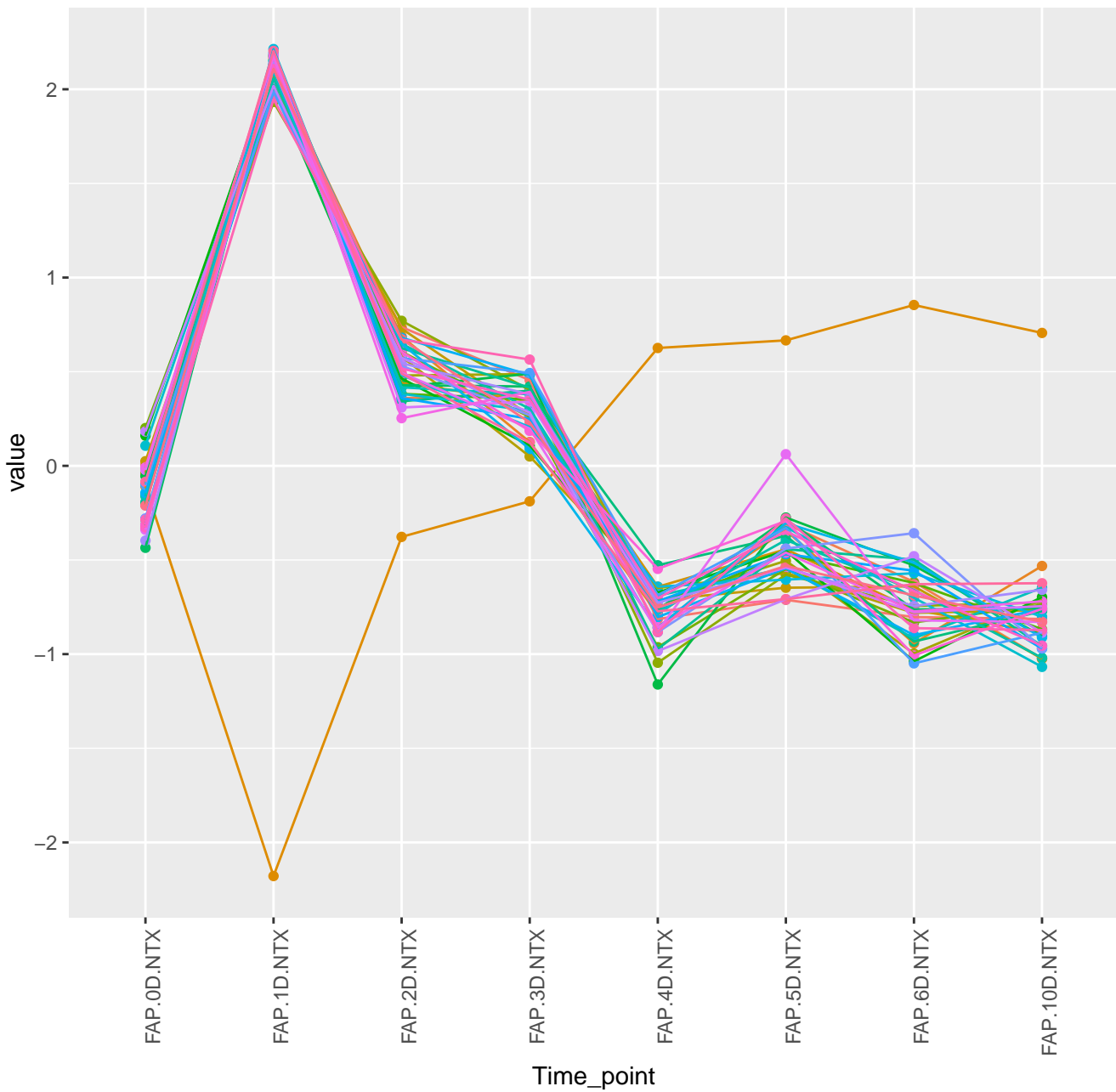
21 genes – cluster 389



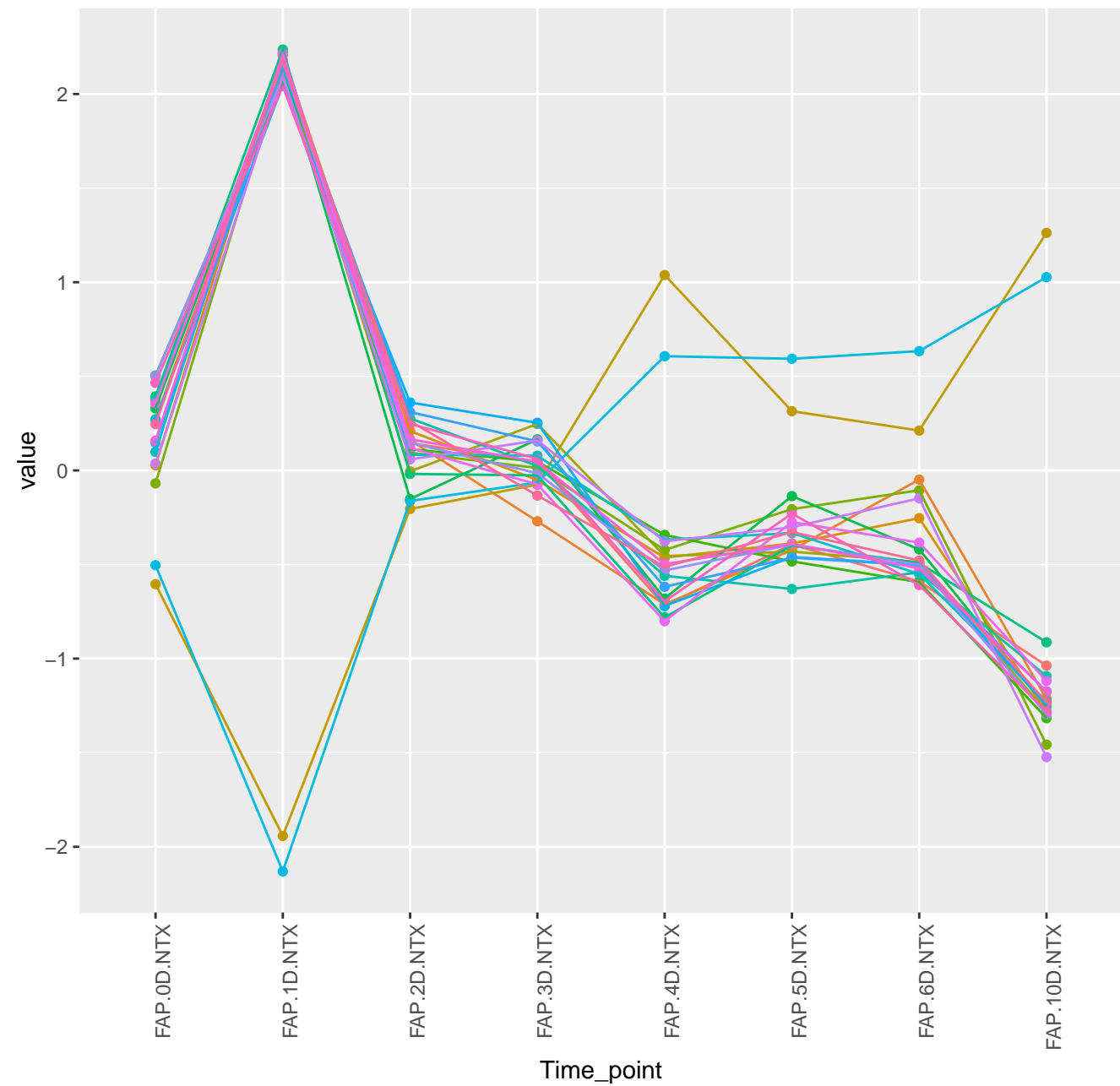
11 genes – cluster 390



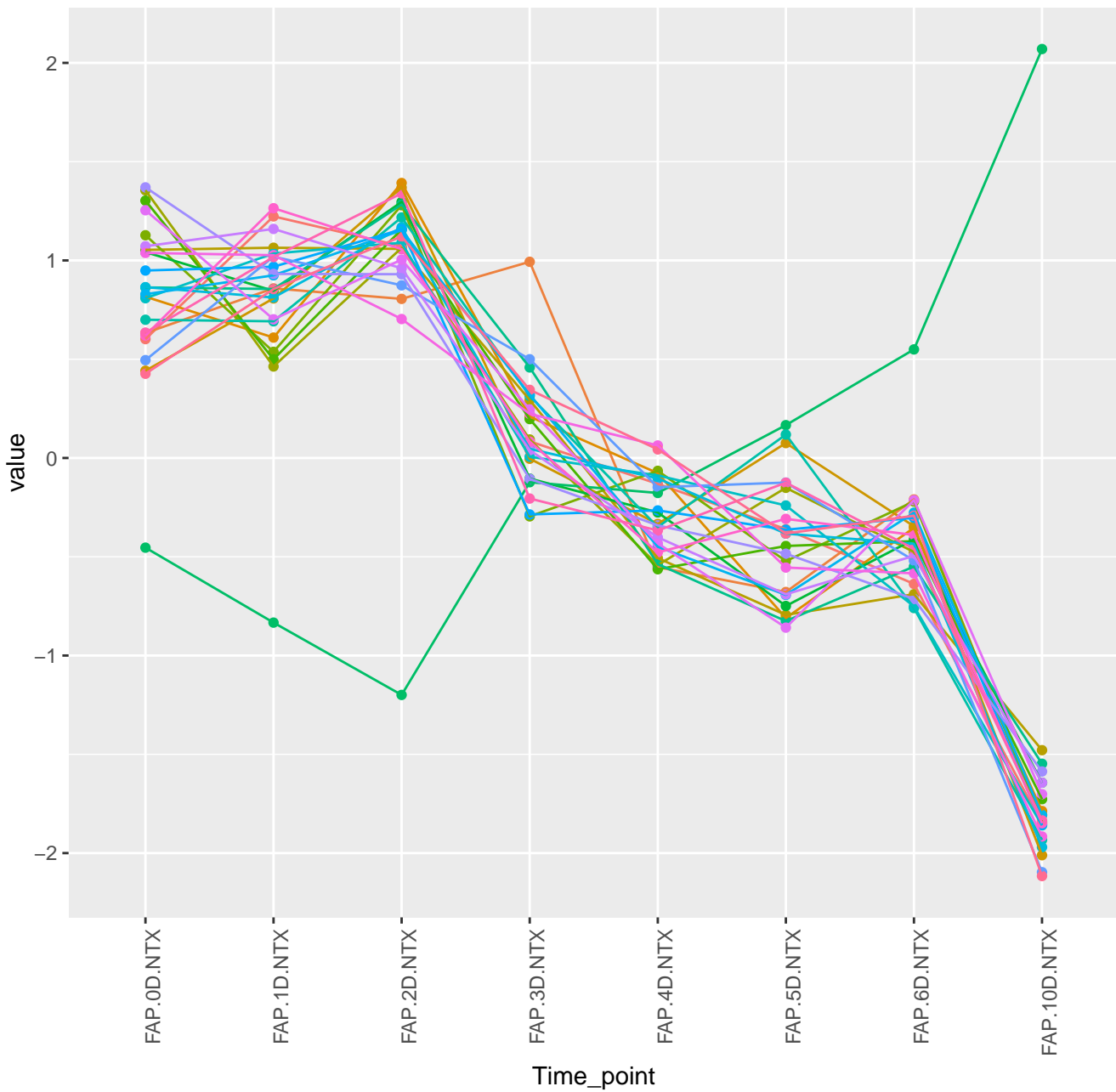
35 genes – cluster 391



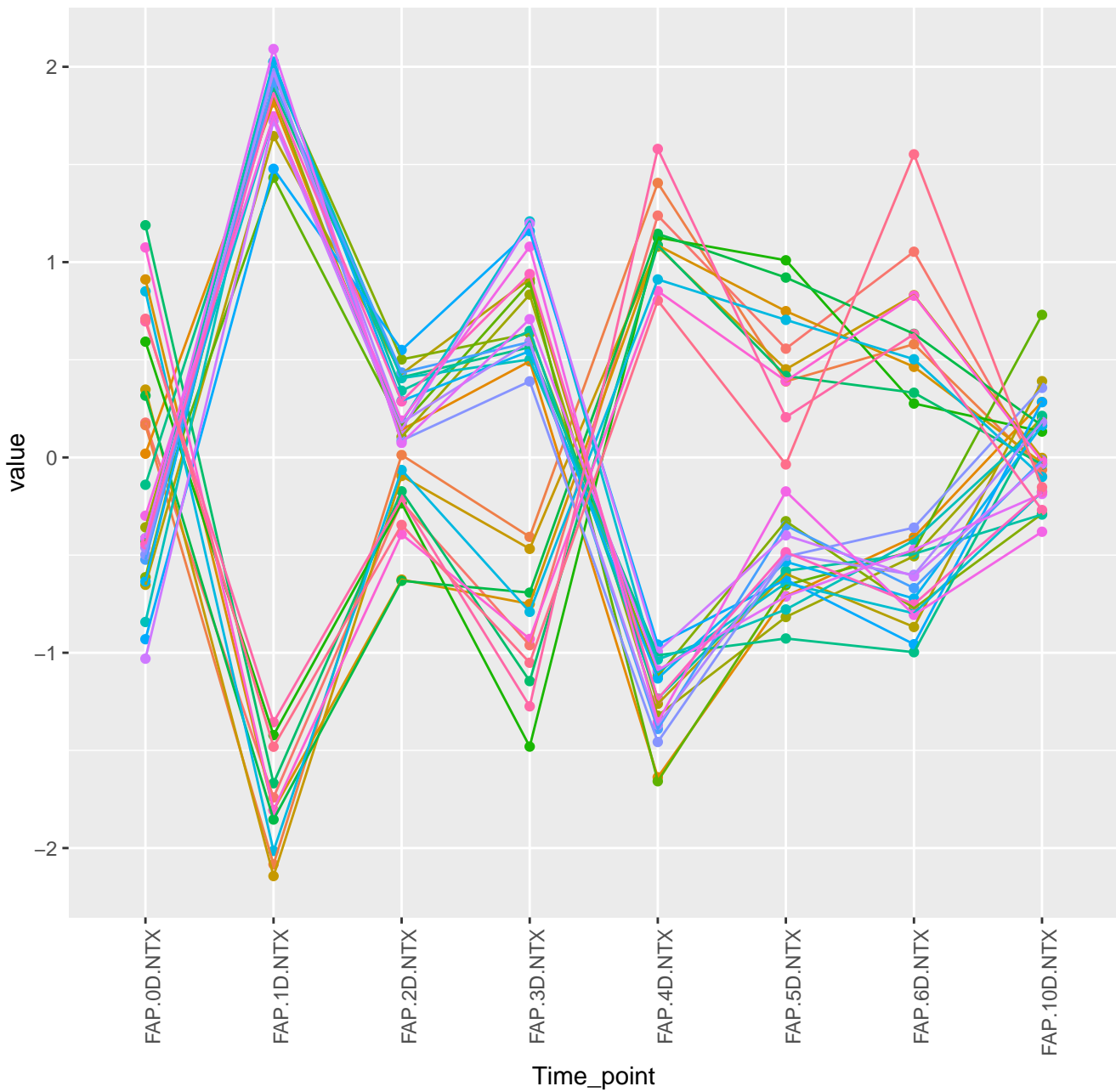
20 genes – cluster 392



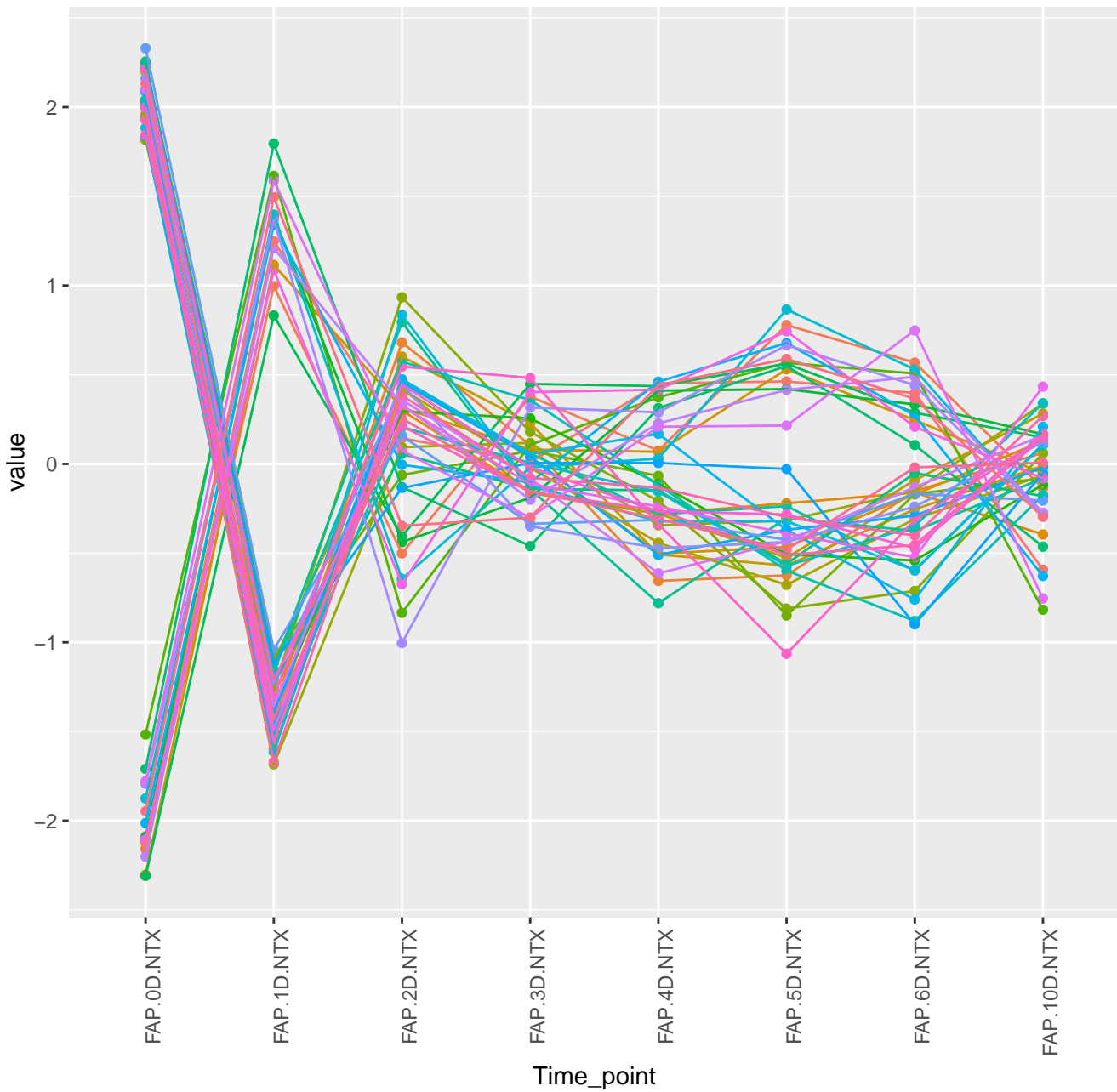
24 genes – cluster 393



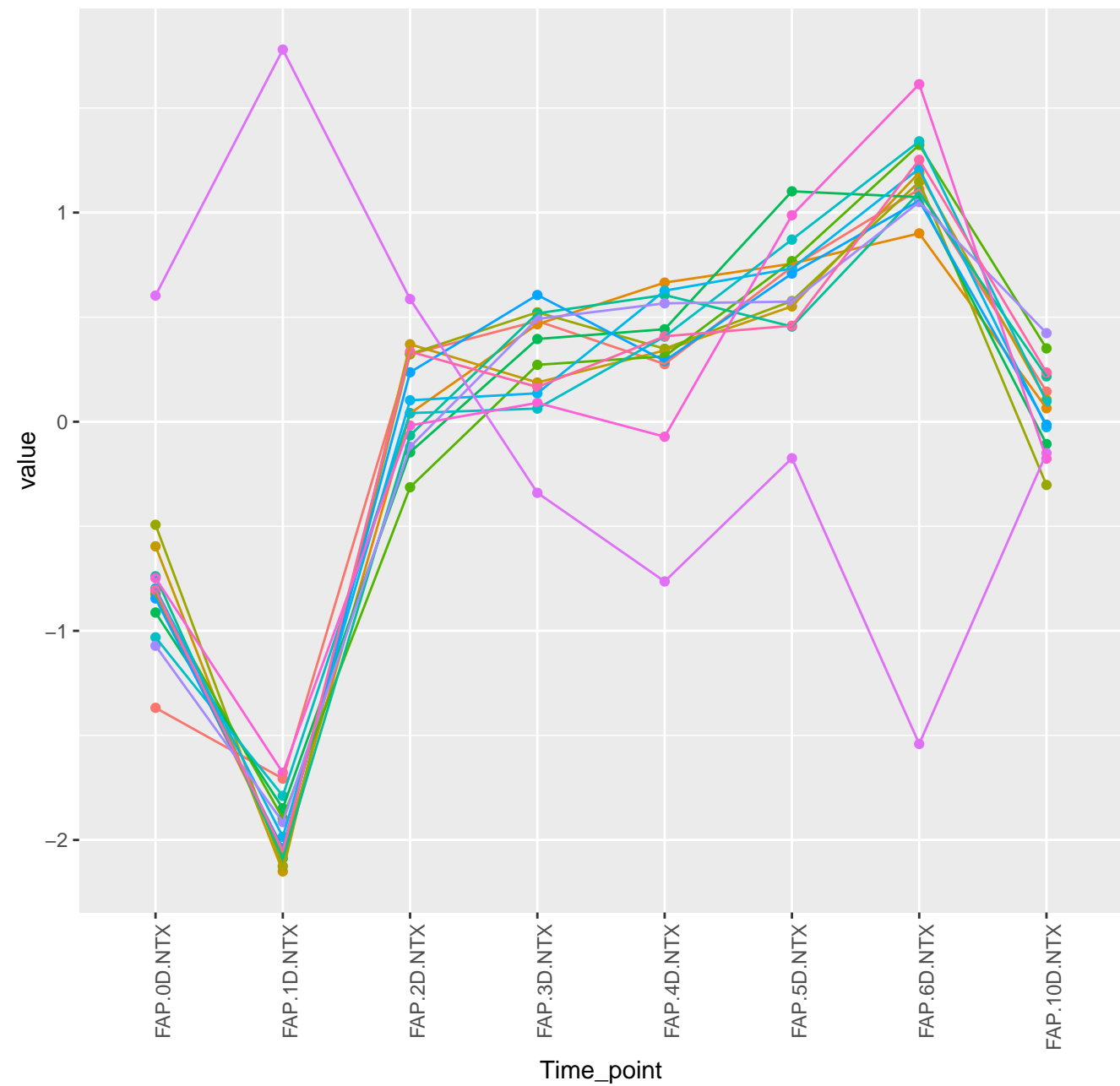
29 genes – cluster 394



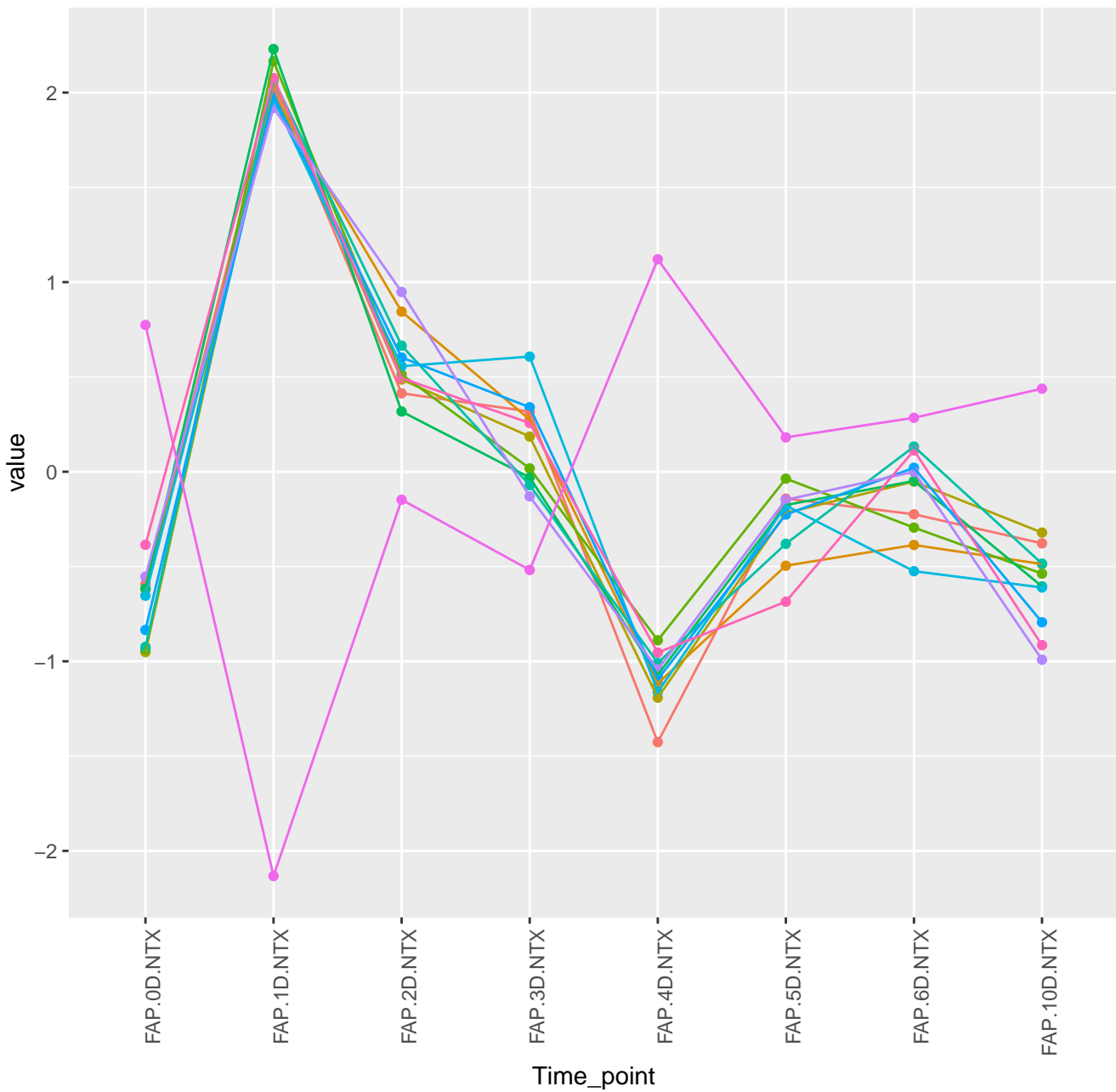
42 genes – cluster 395



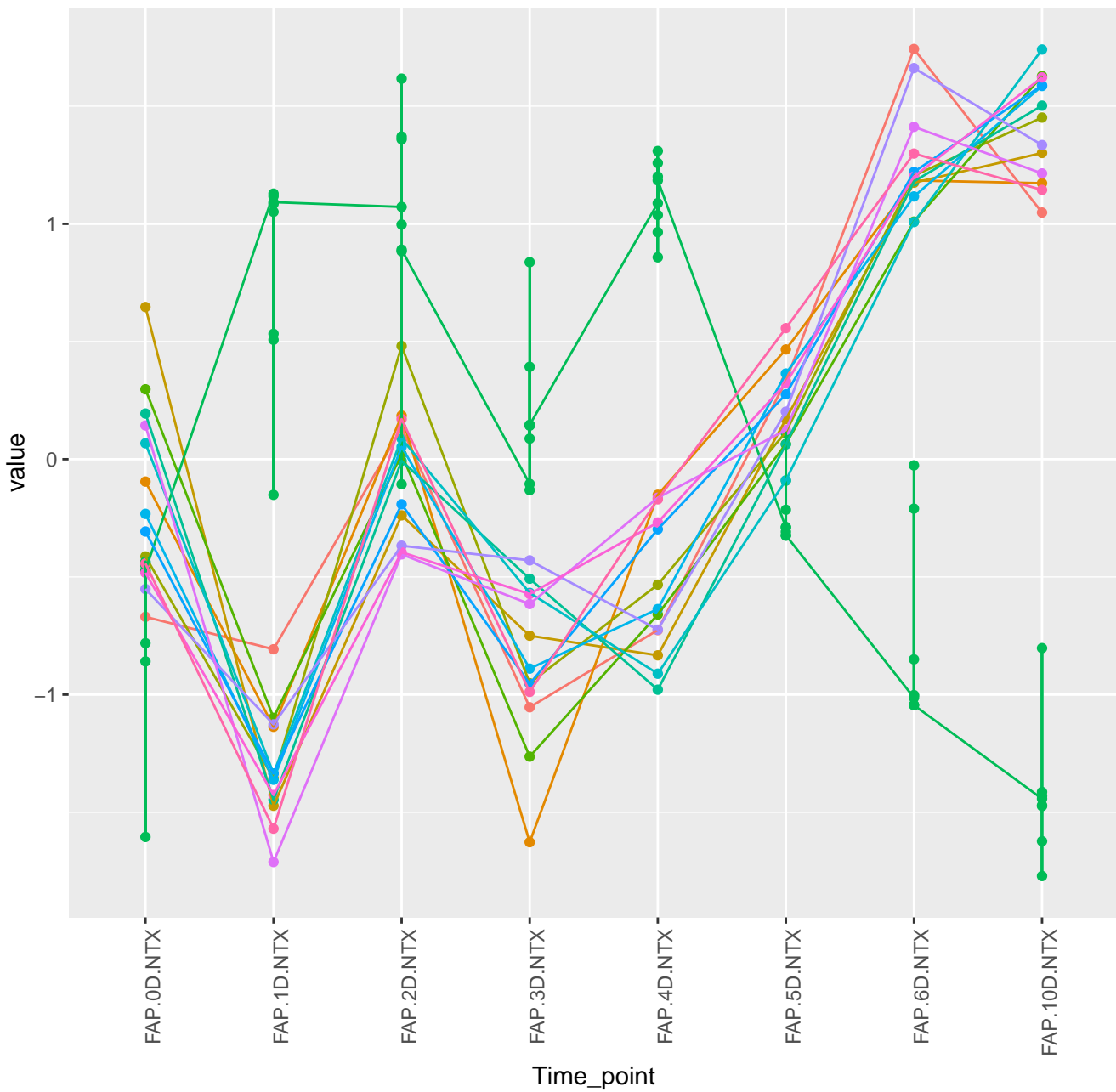
14 genes – cluster 396



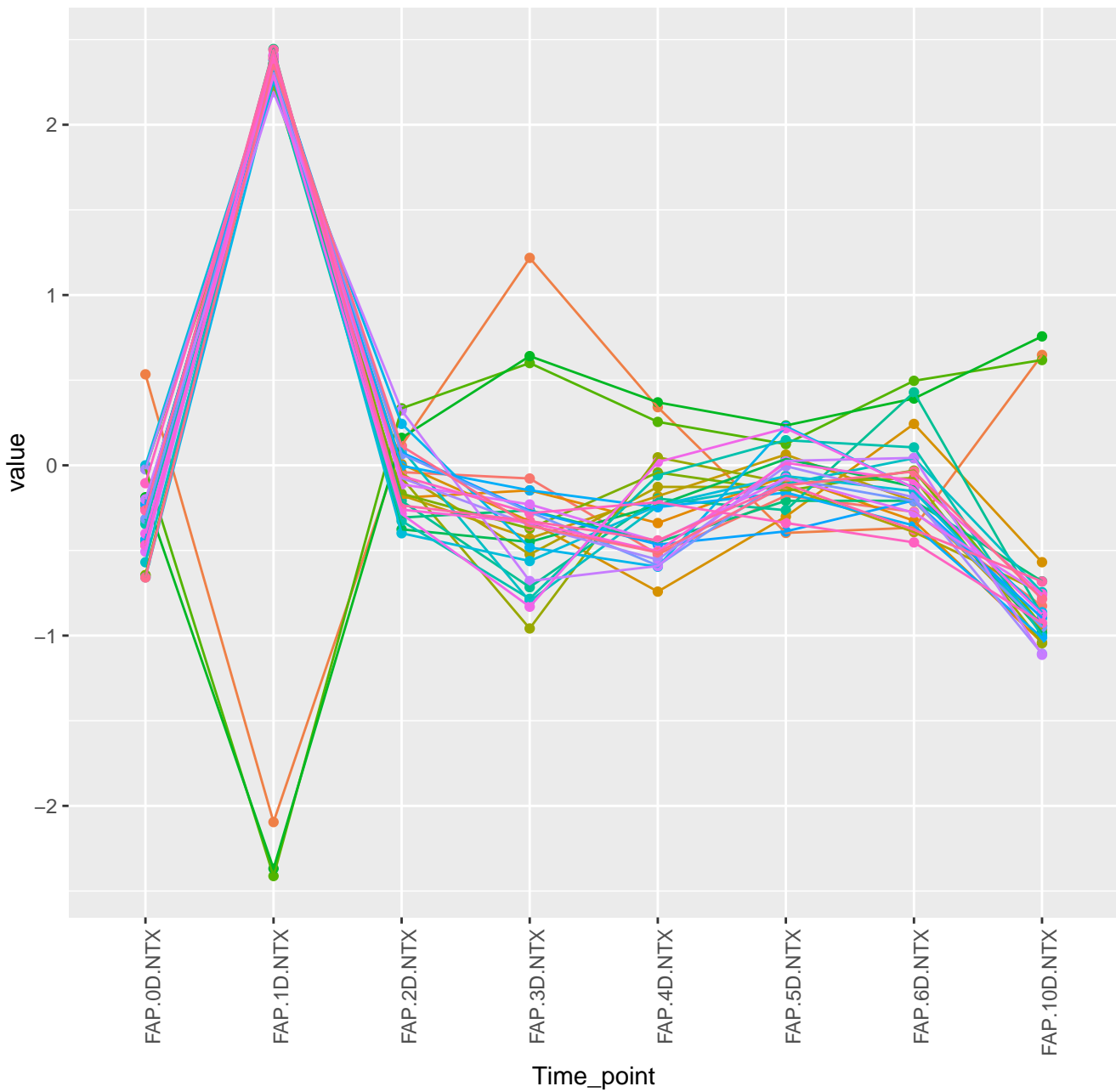
11 genes – cluster 397



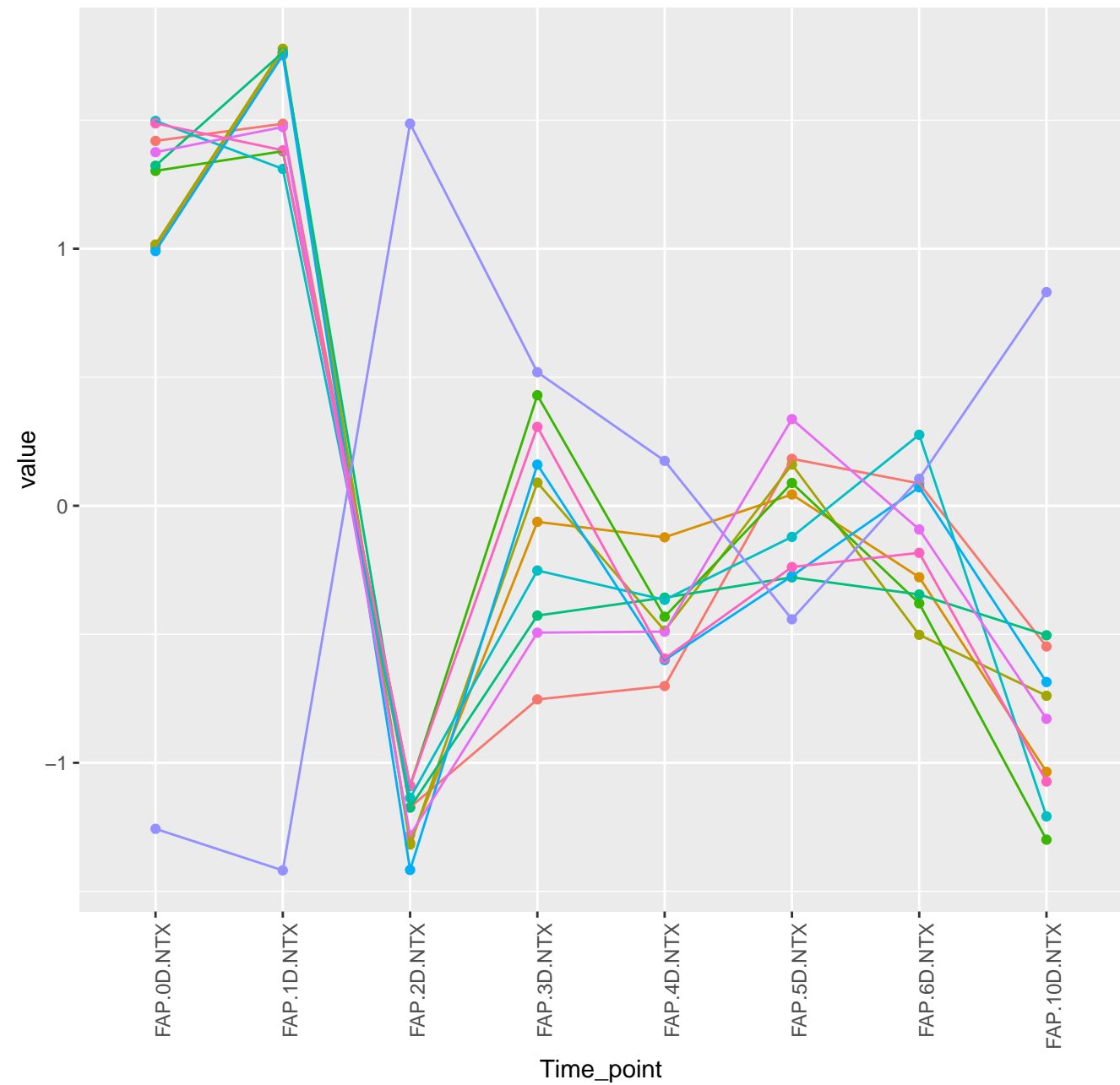
21 genes – cluster 398



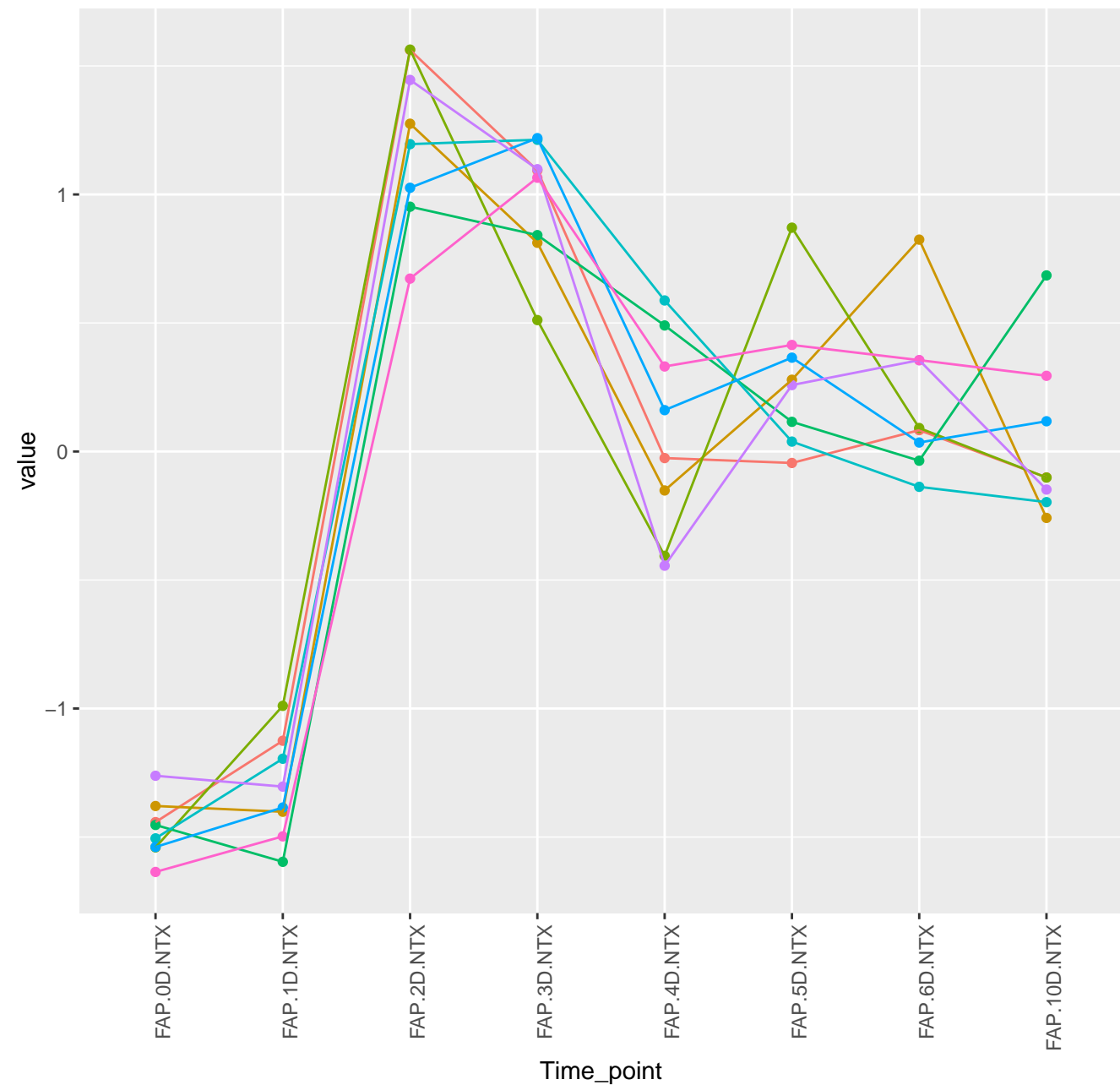
28 genes – cluster 399



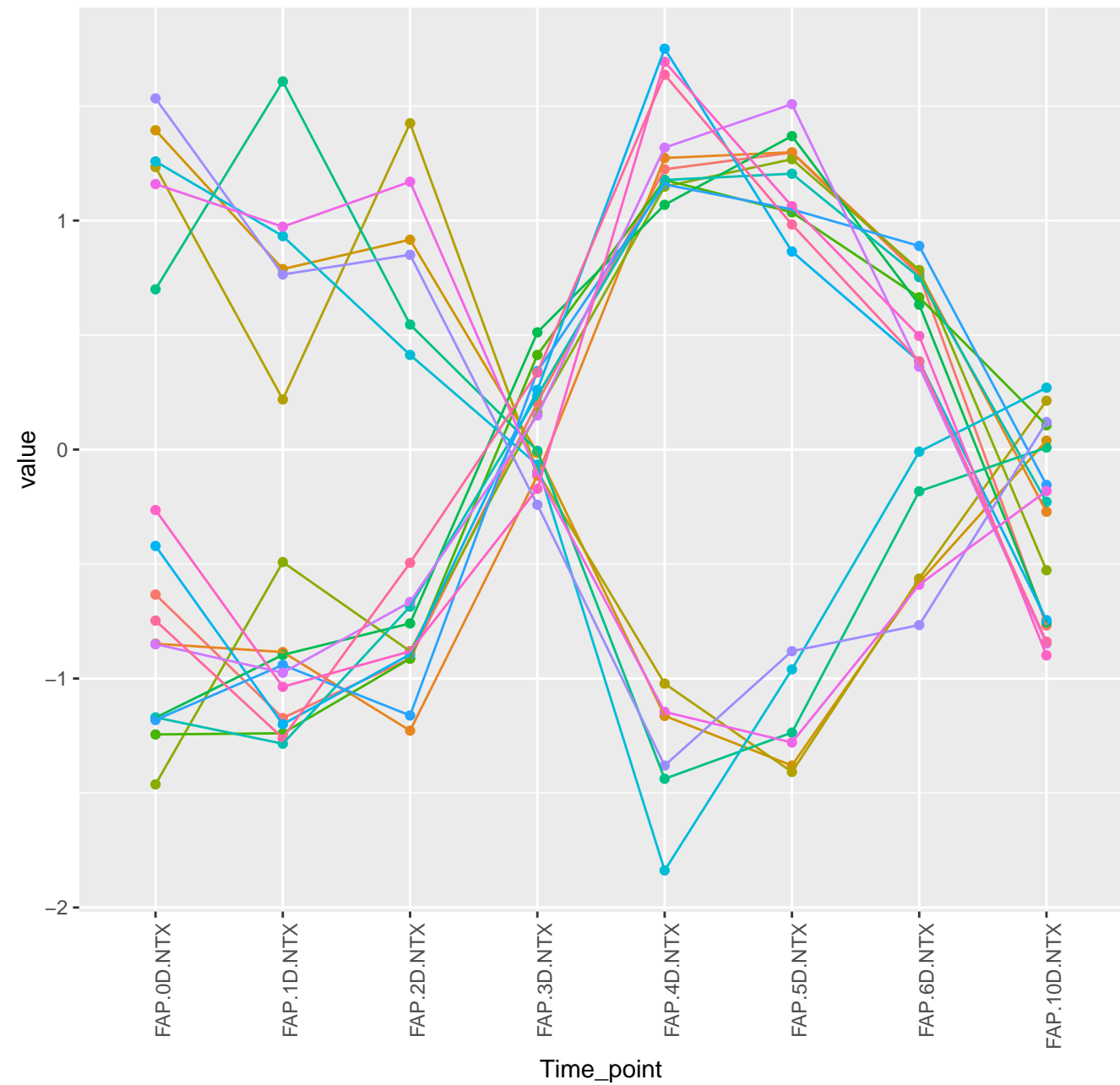
10 genes – cluster 400



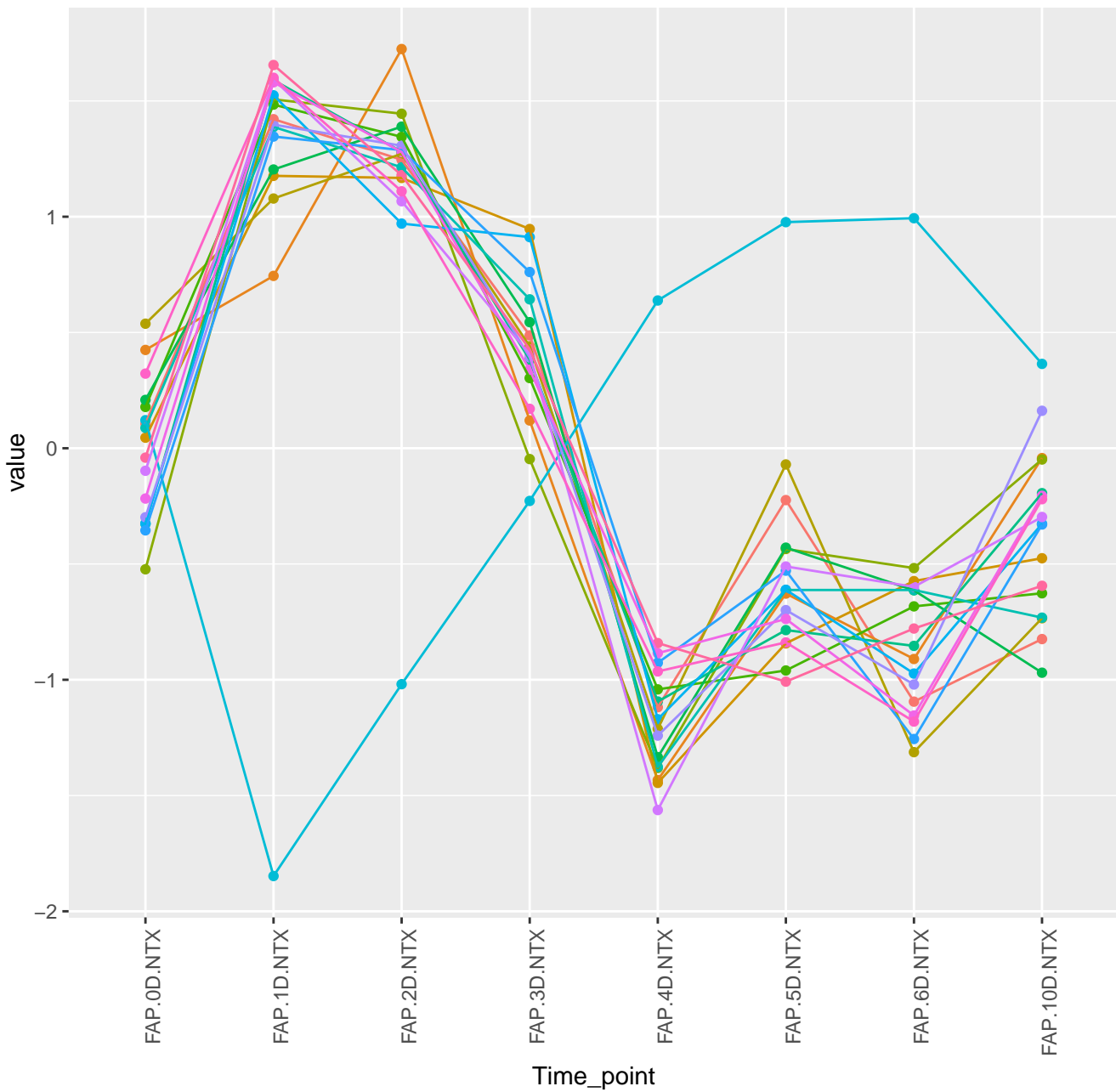
8 genes – cluster 401



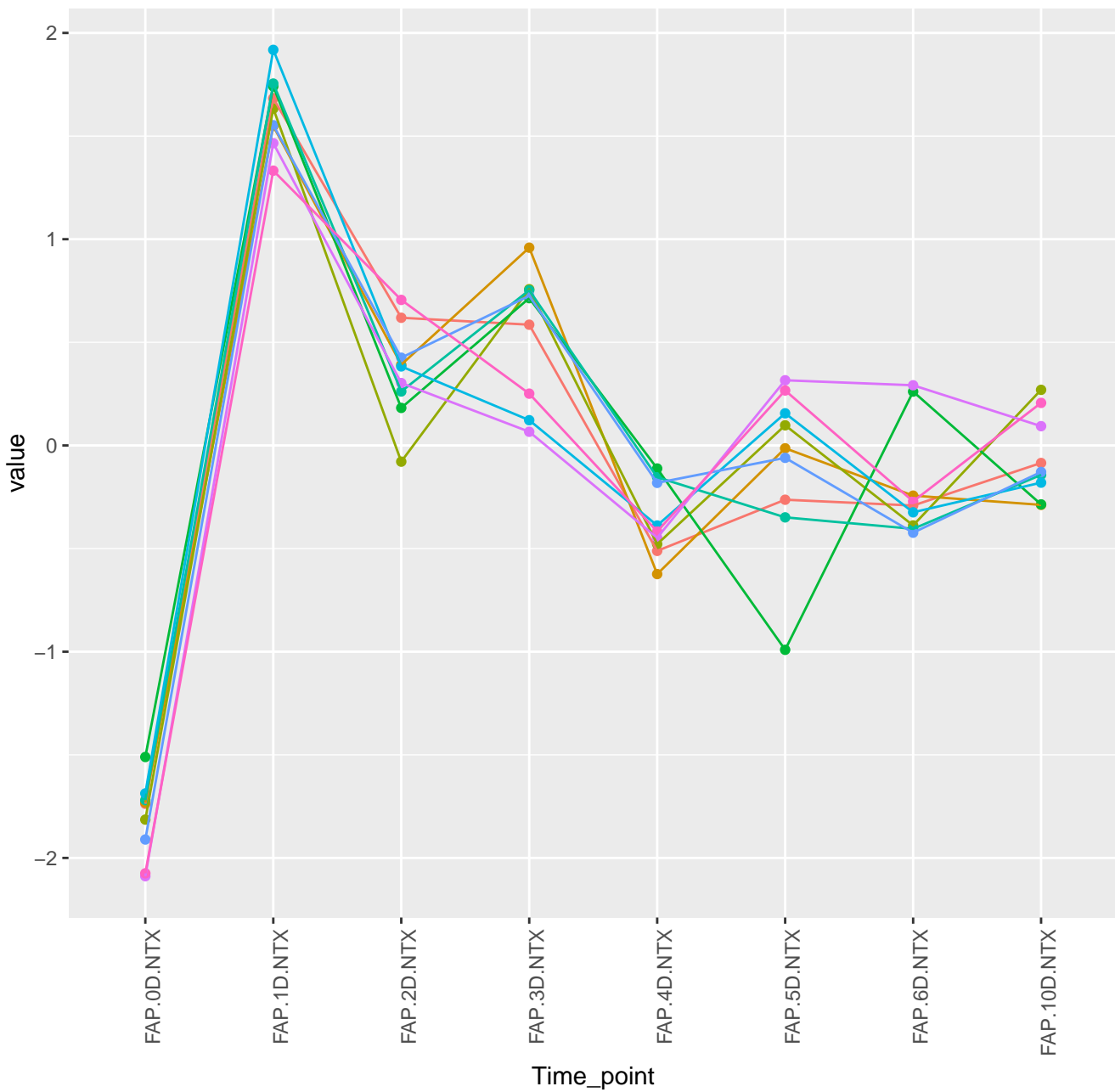
17 genes – cluster 402



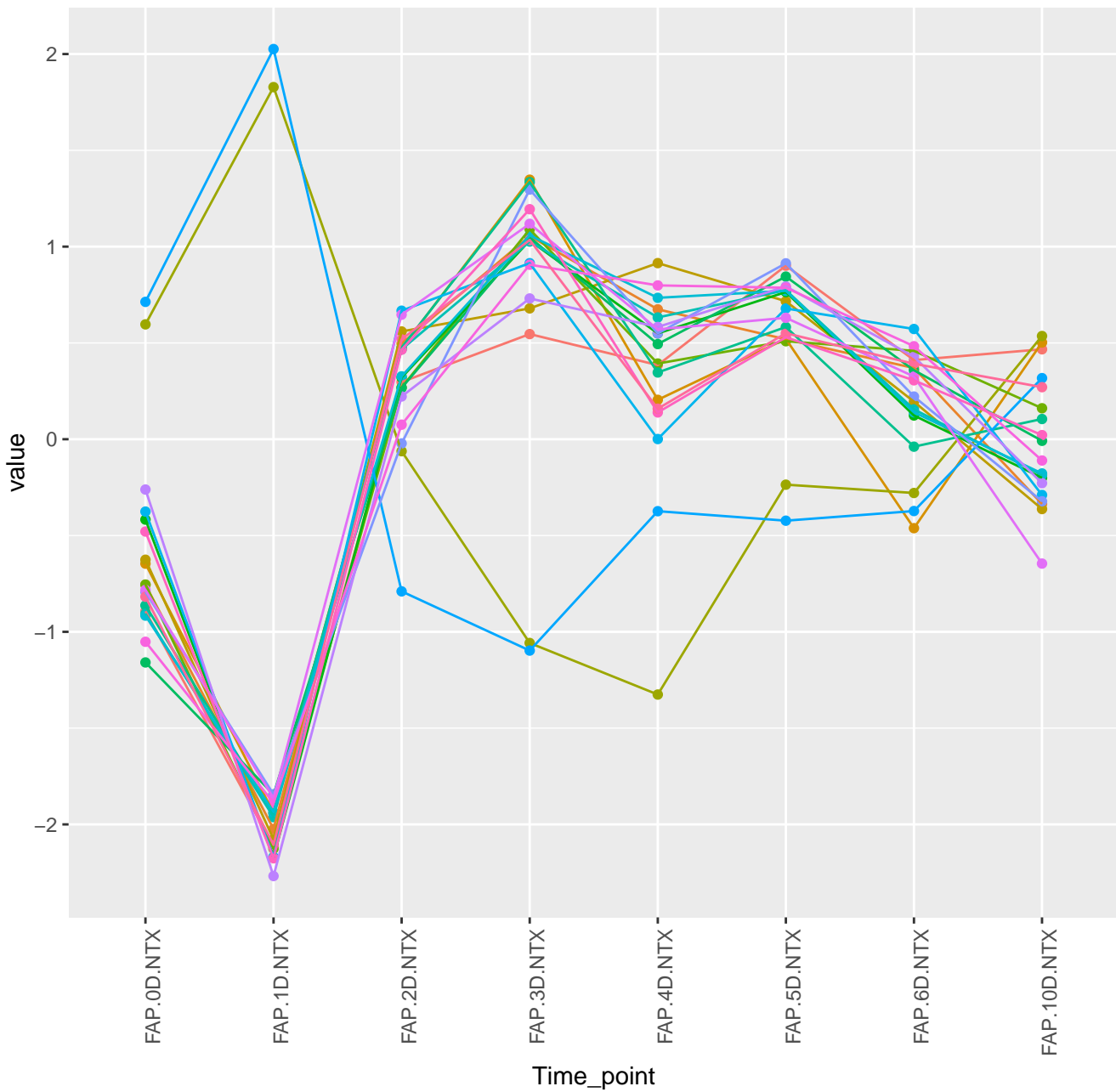
17 genes – cluster 403



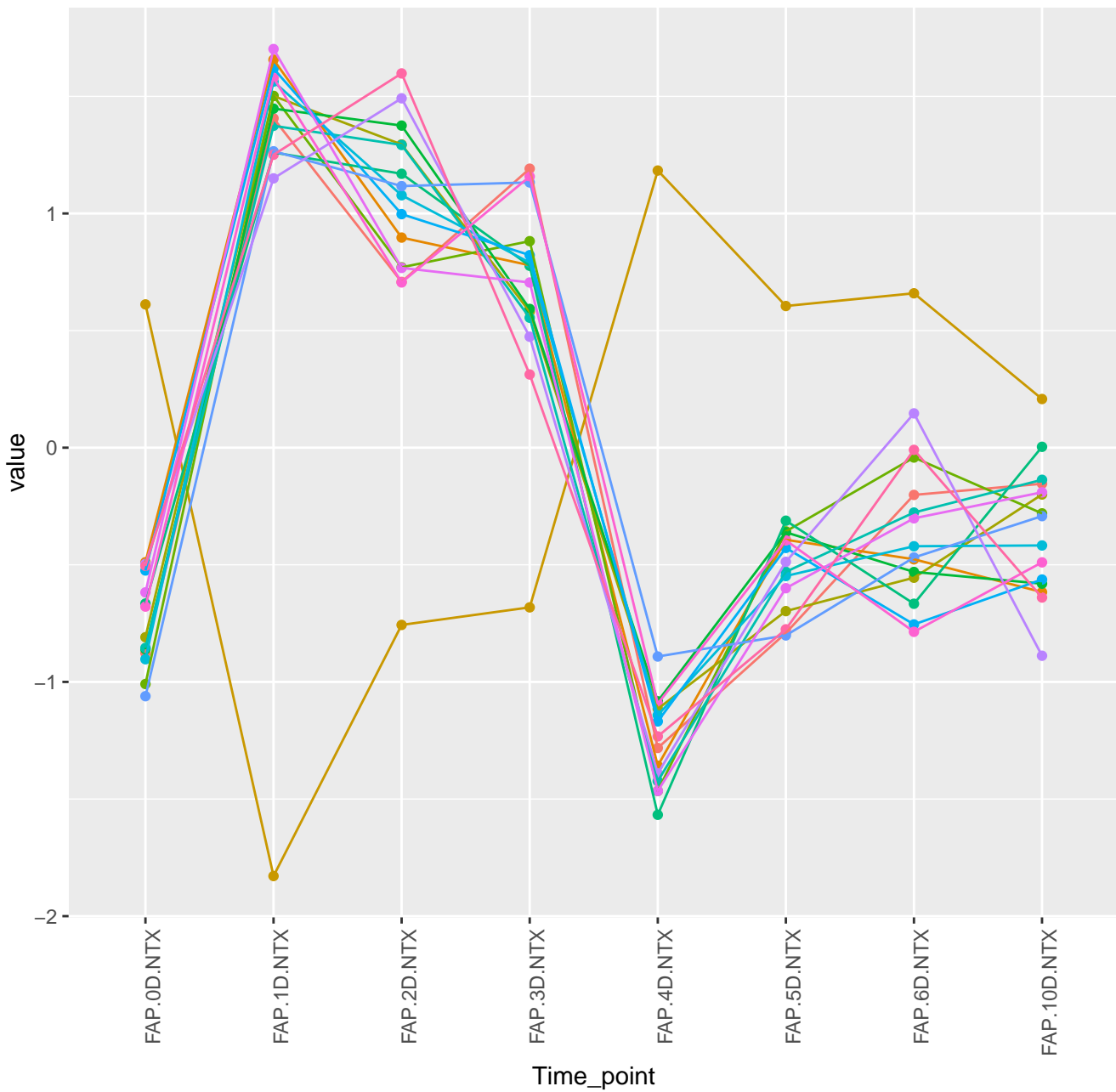
9 genes – cluster 404



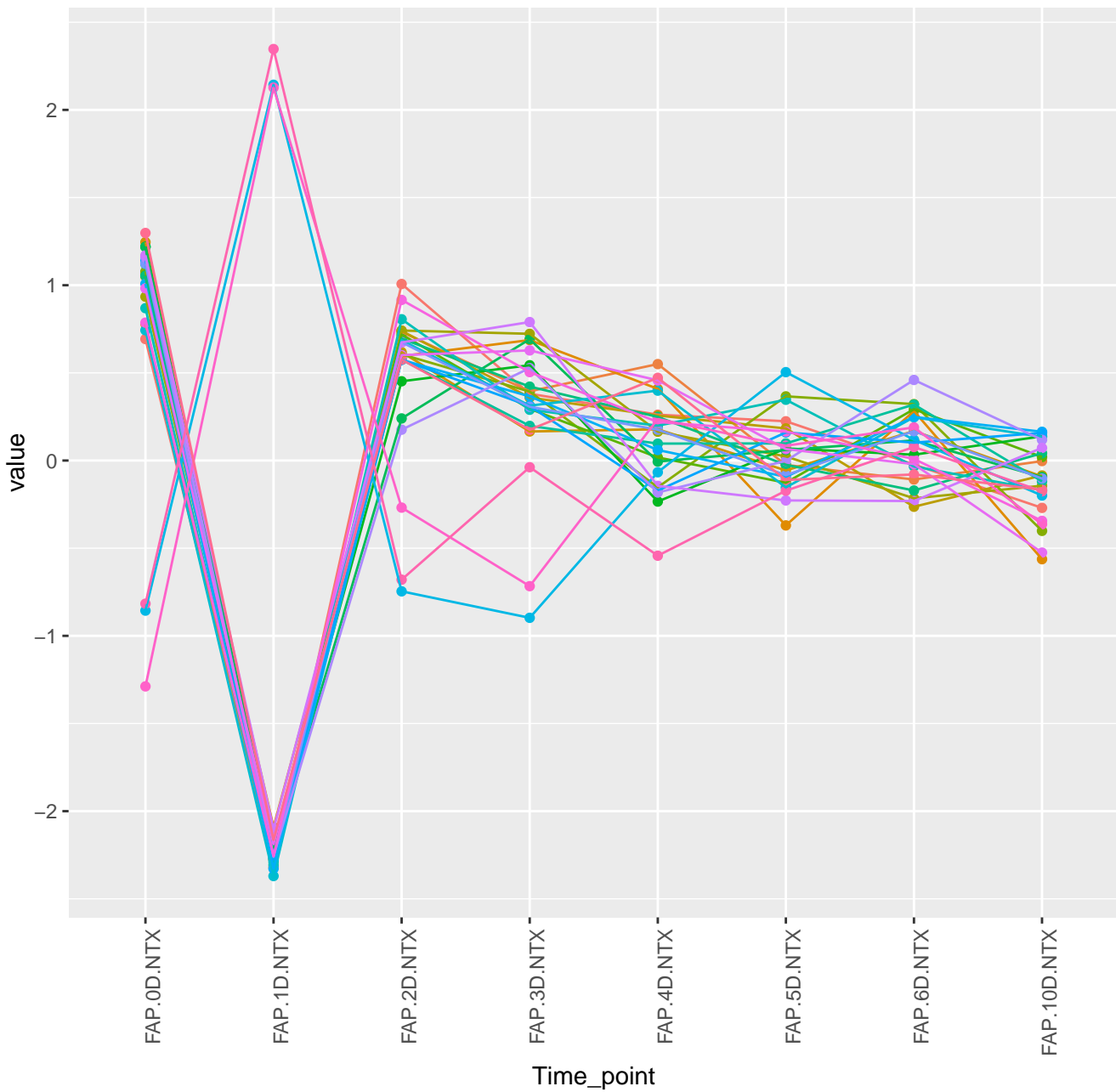
19 genes – cluster 406



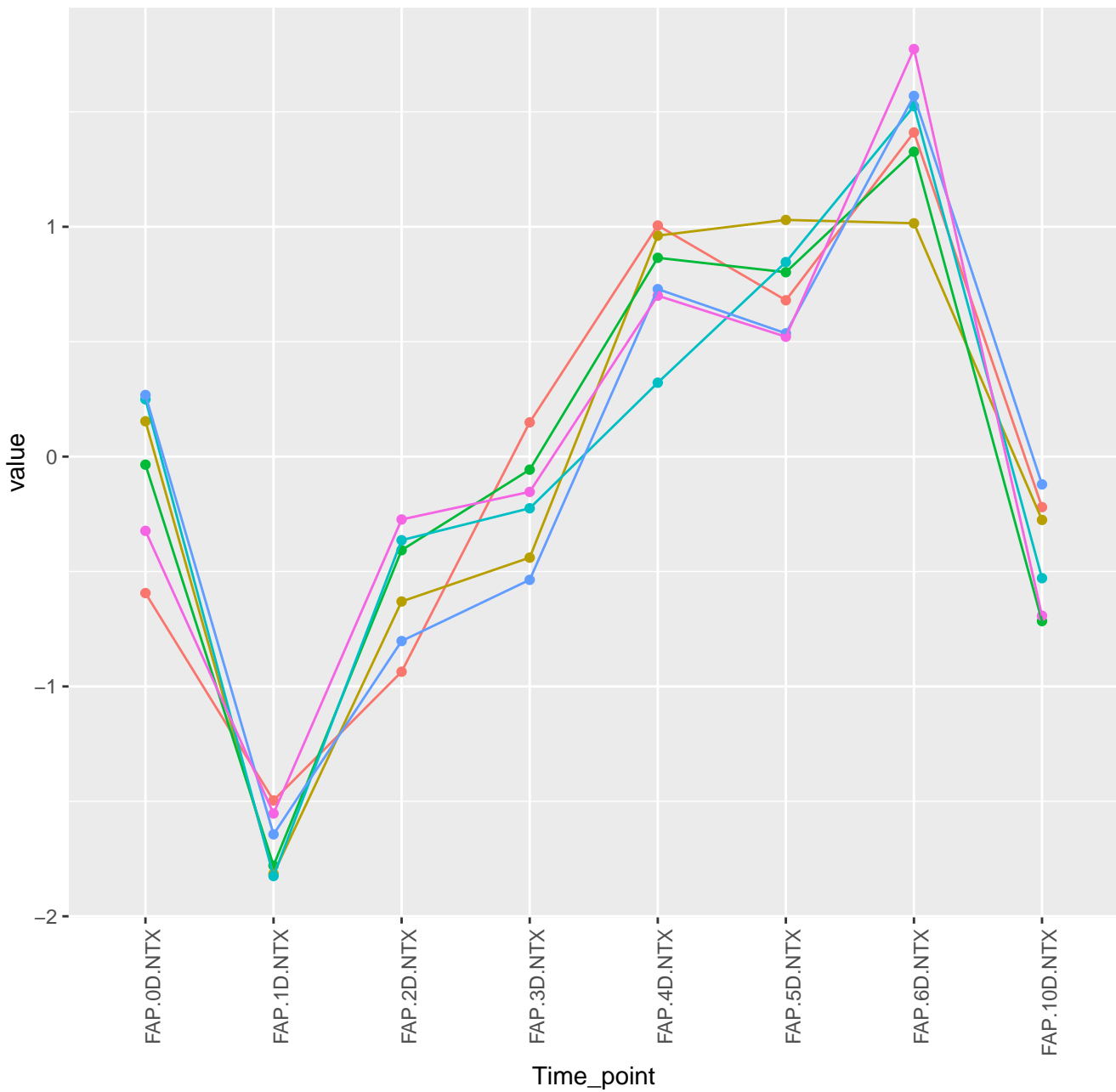
15 genes – cluster 407



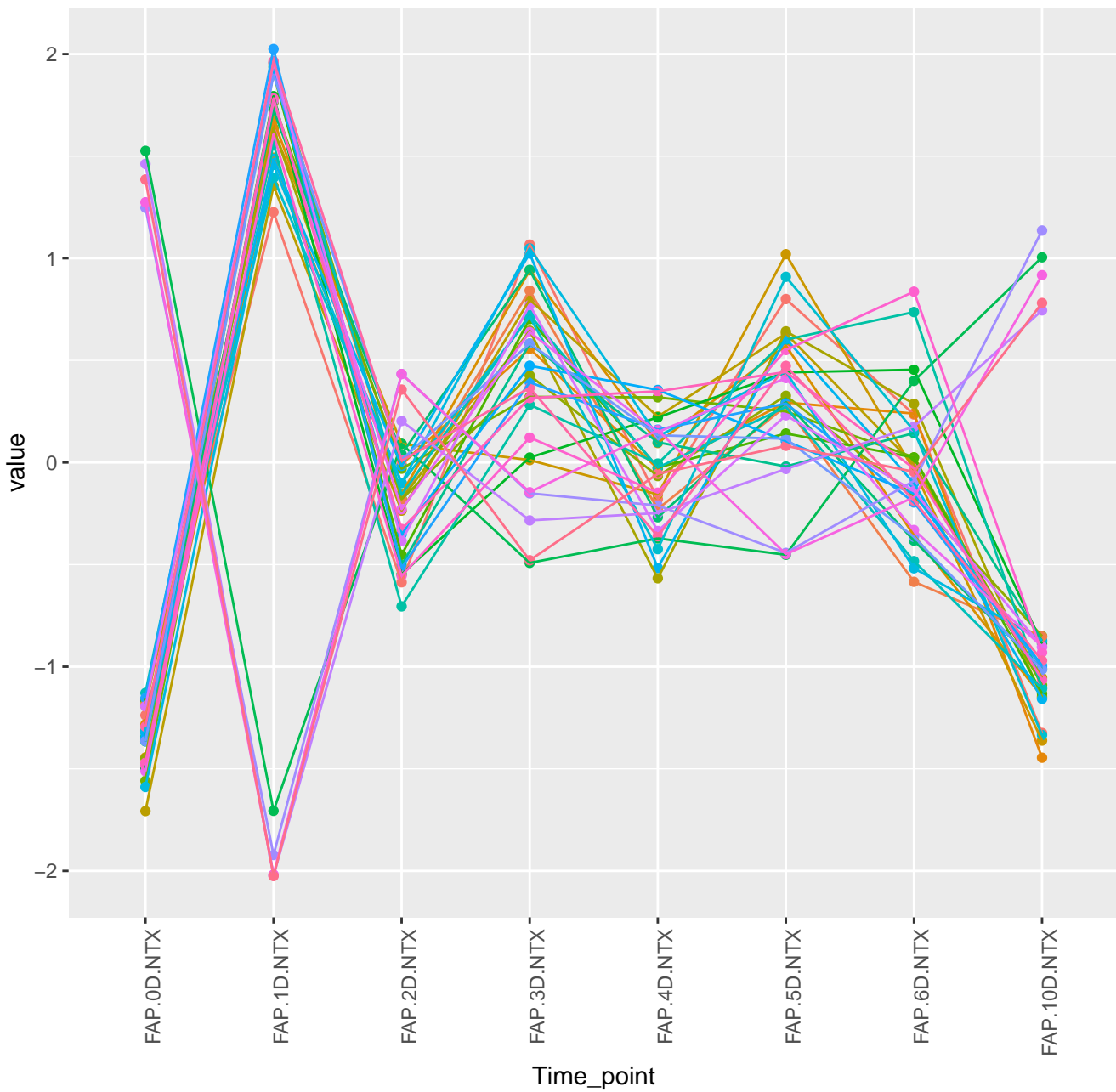
25 genes – cluster 408



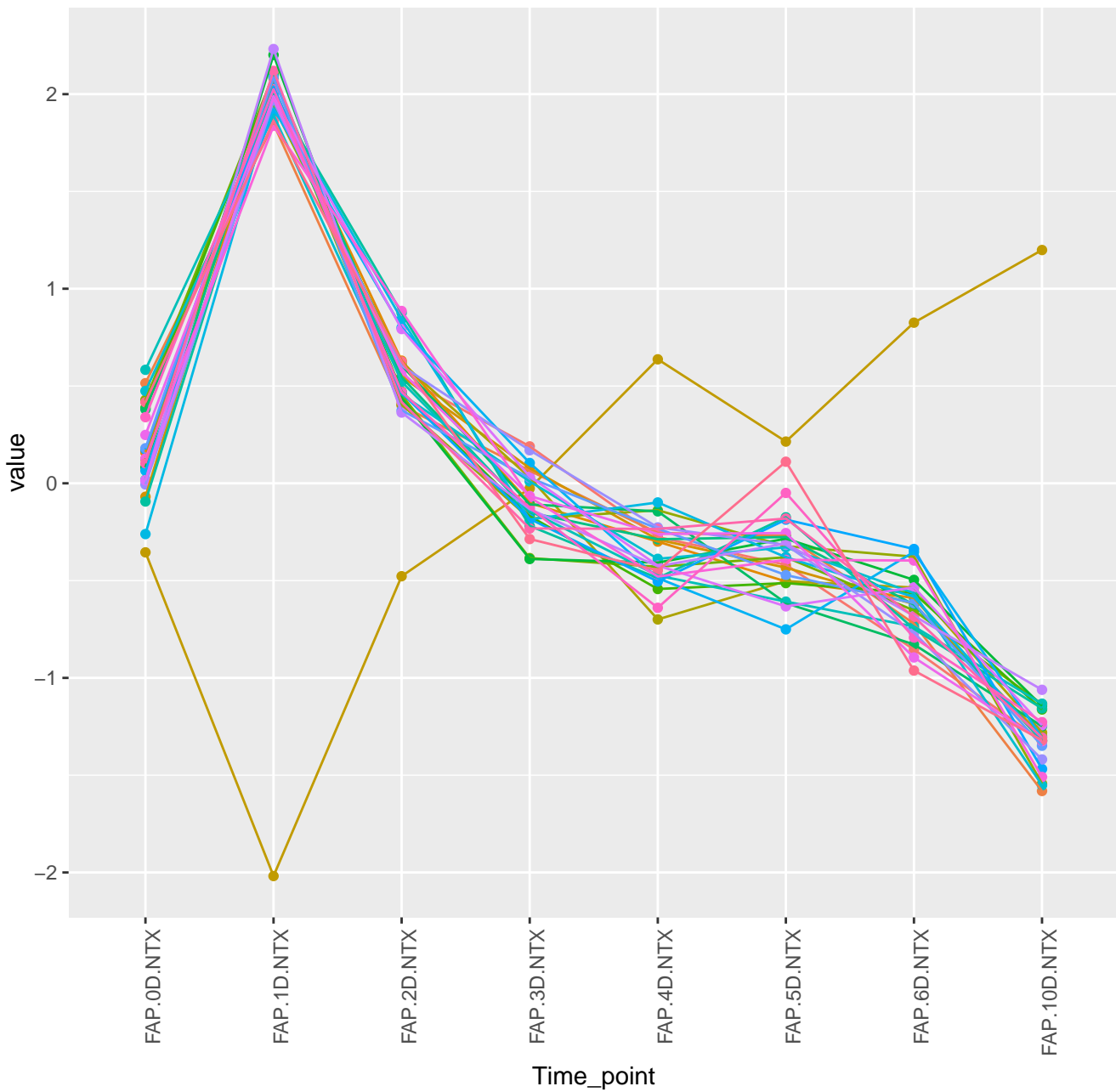
6 genes – cluster 409



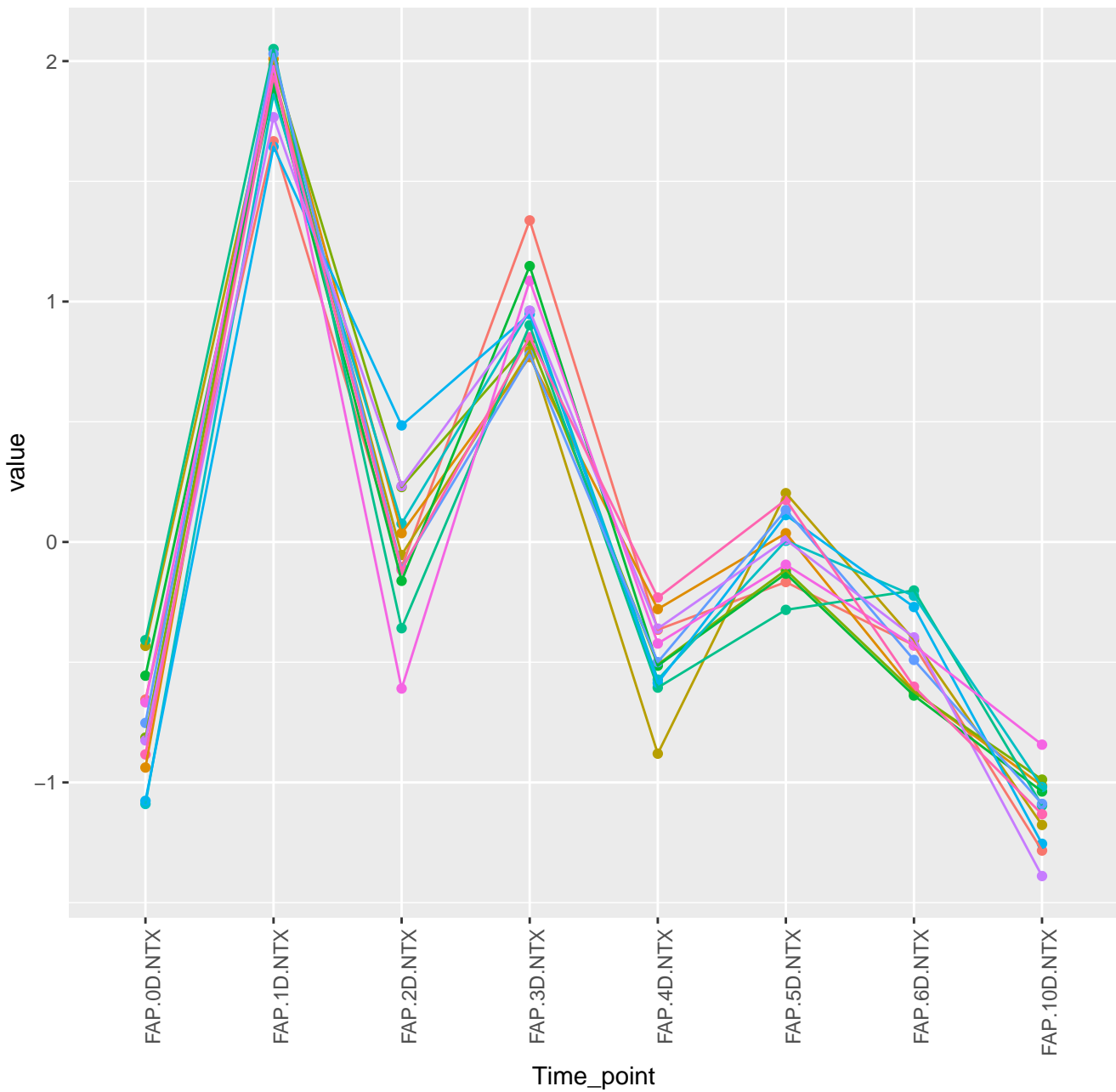
31 genes – cluster 41C



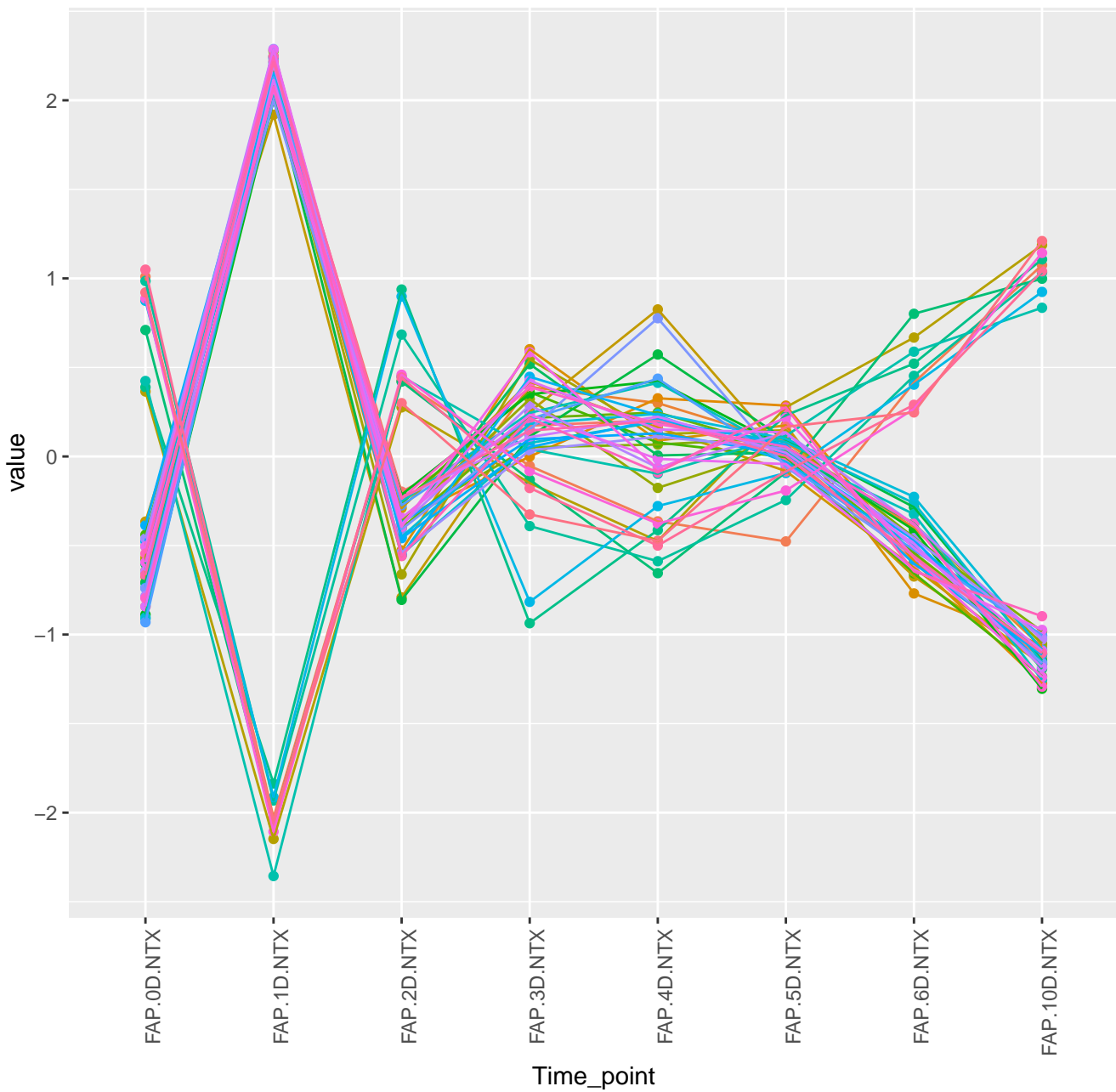
27 genes – cluster 411



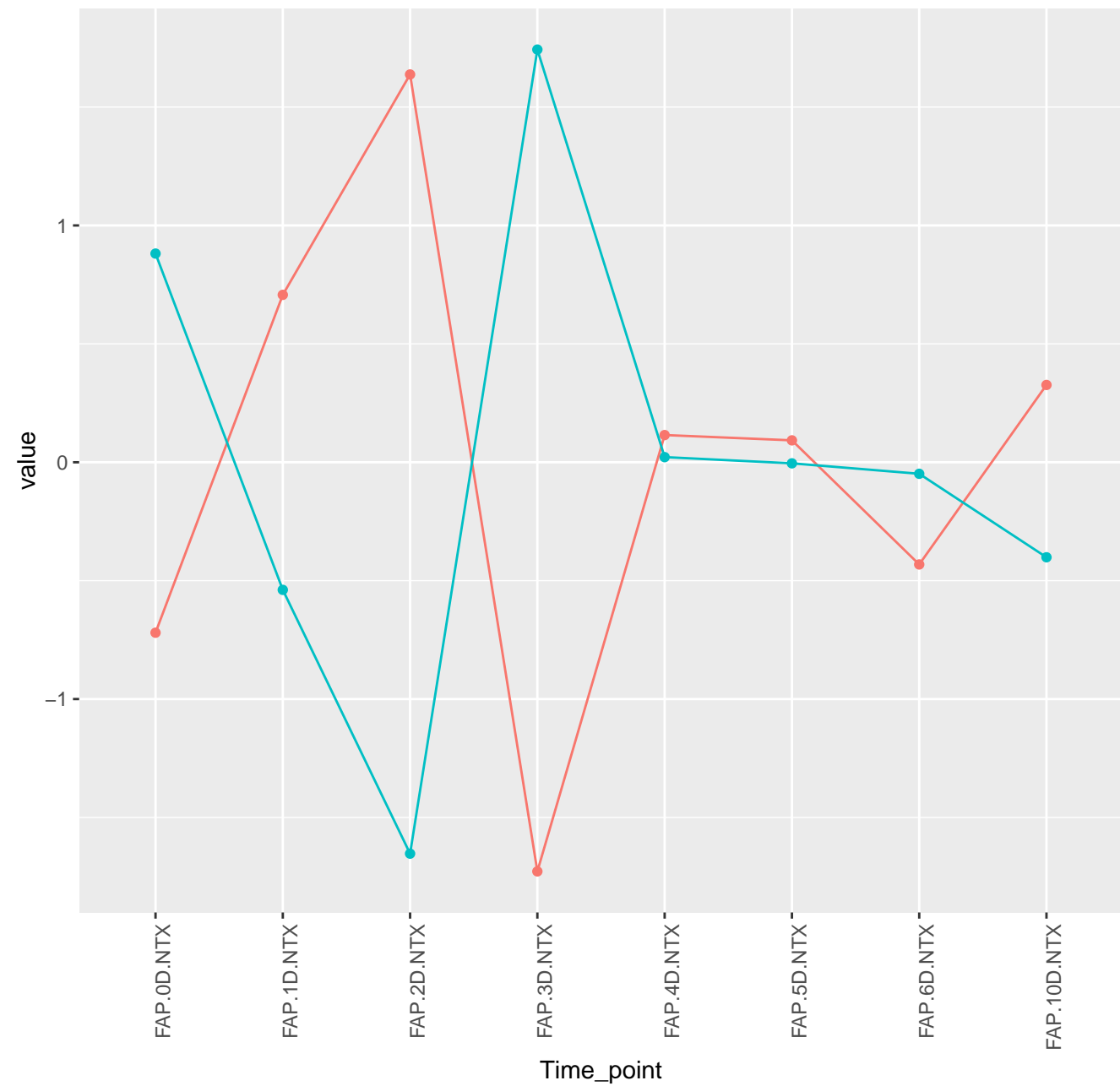
12 genes – cluster 412



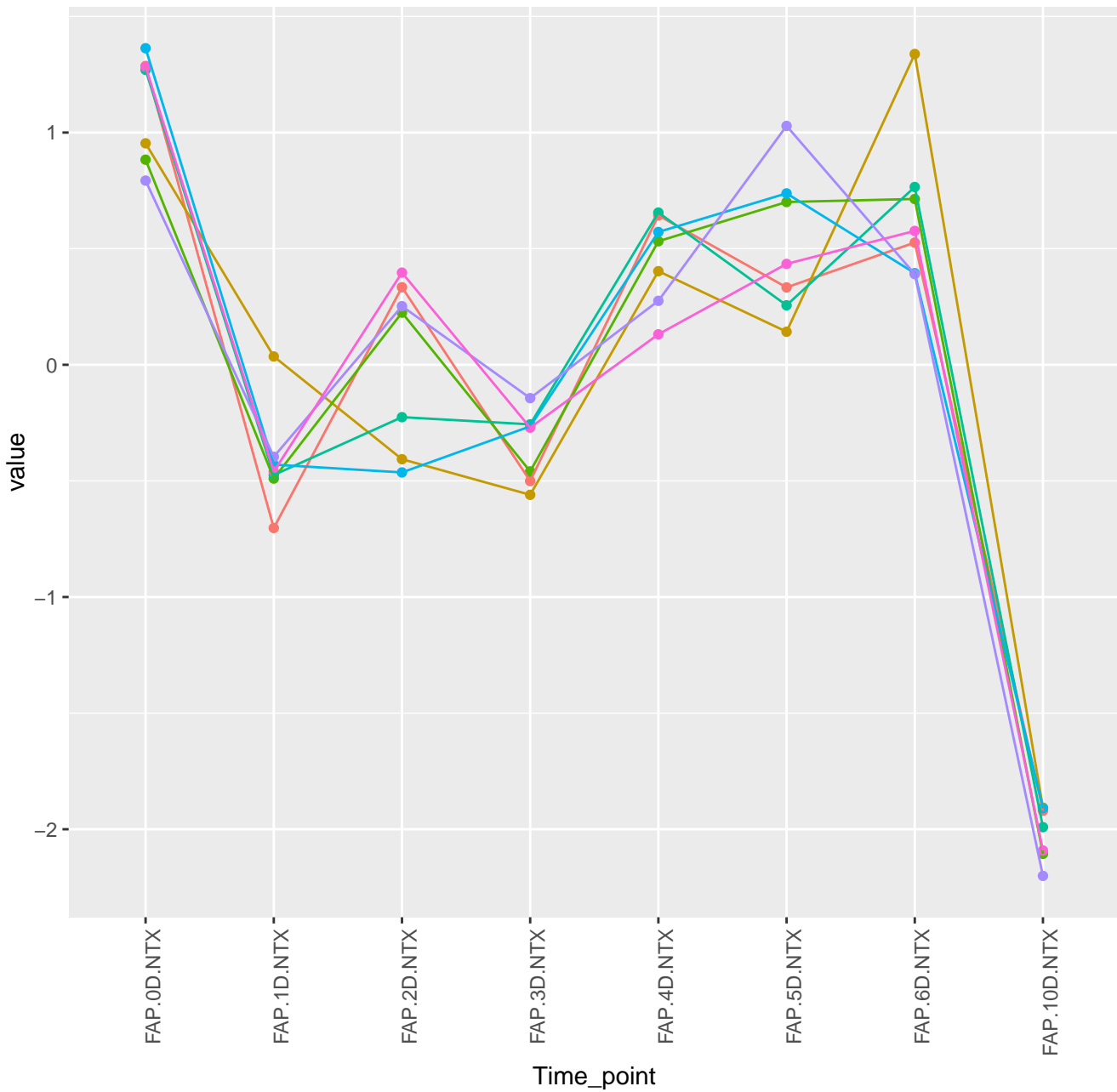
41 genes – cluster 413



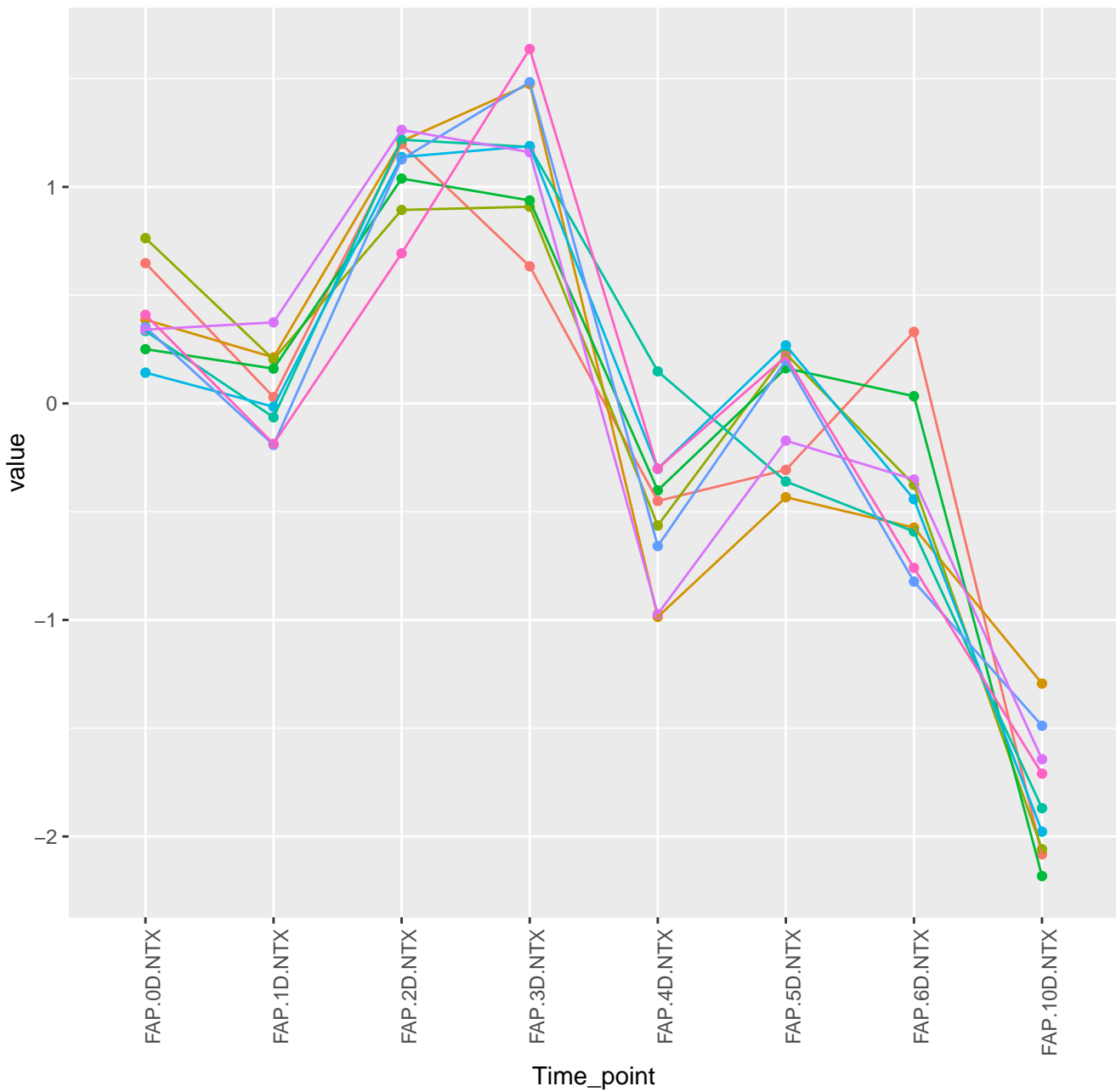
2 genes – cluster 414



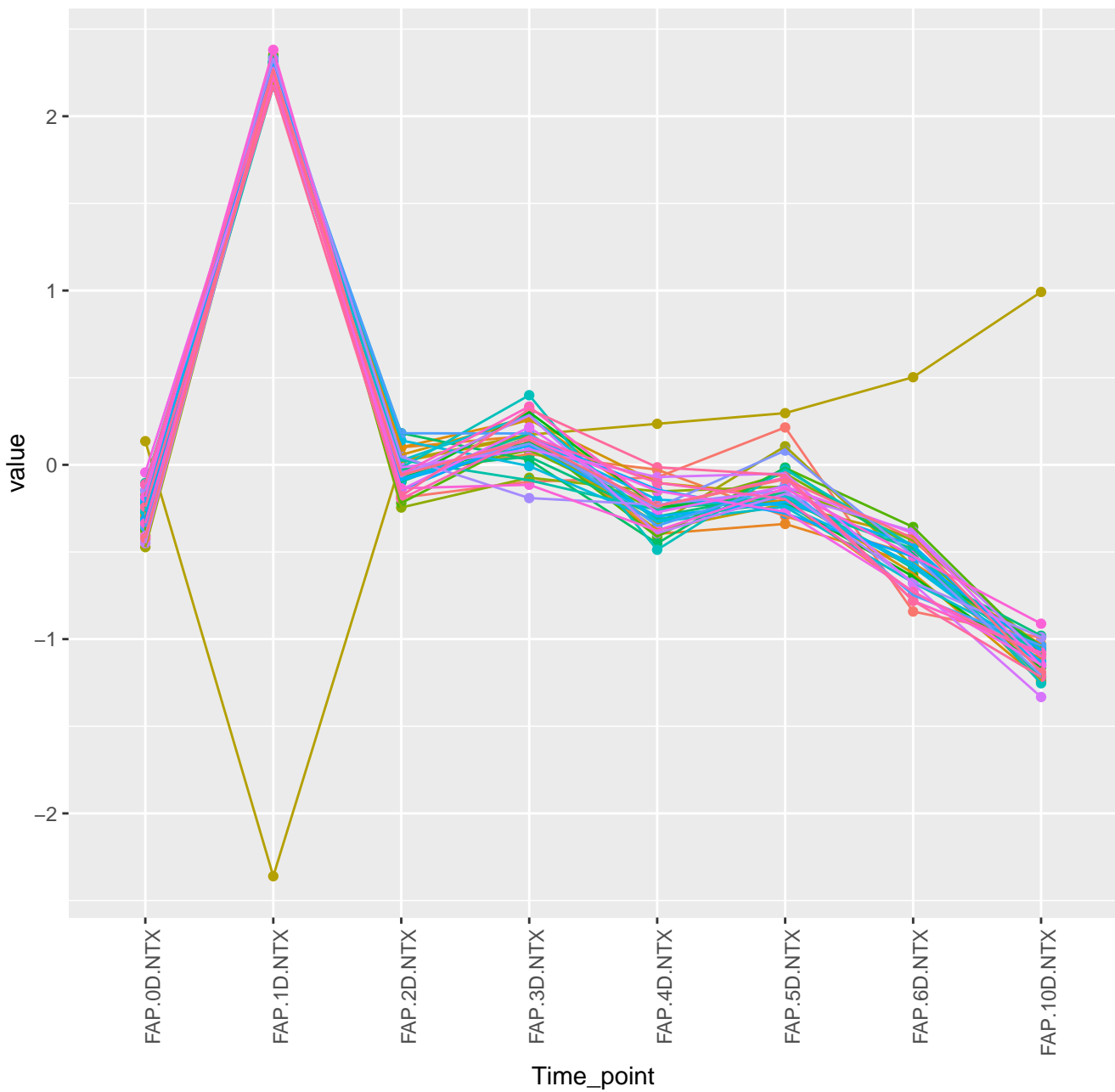
7 genes – cluster 415



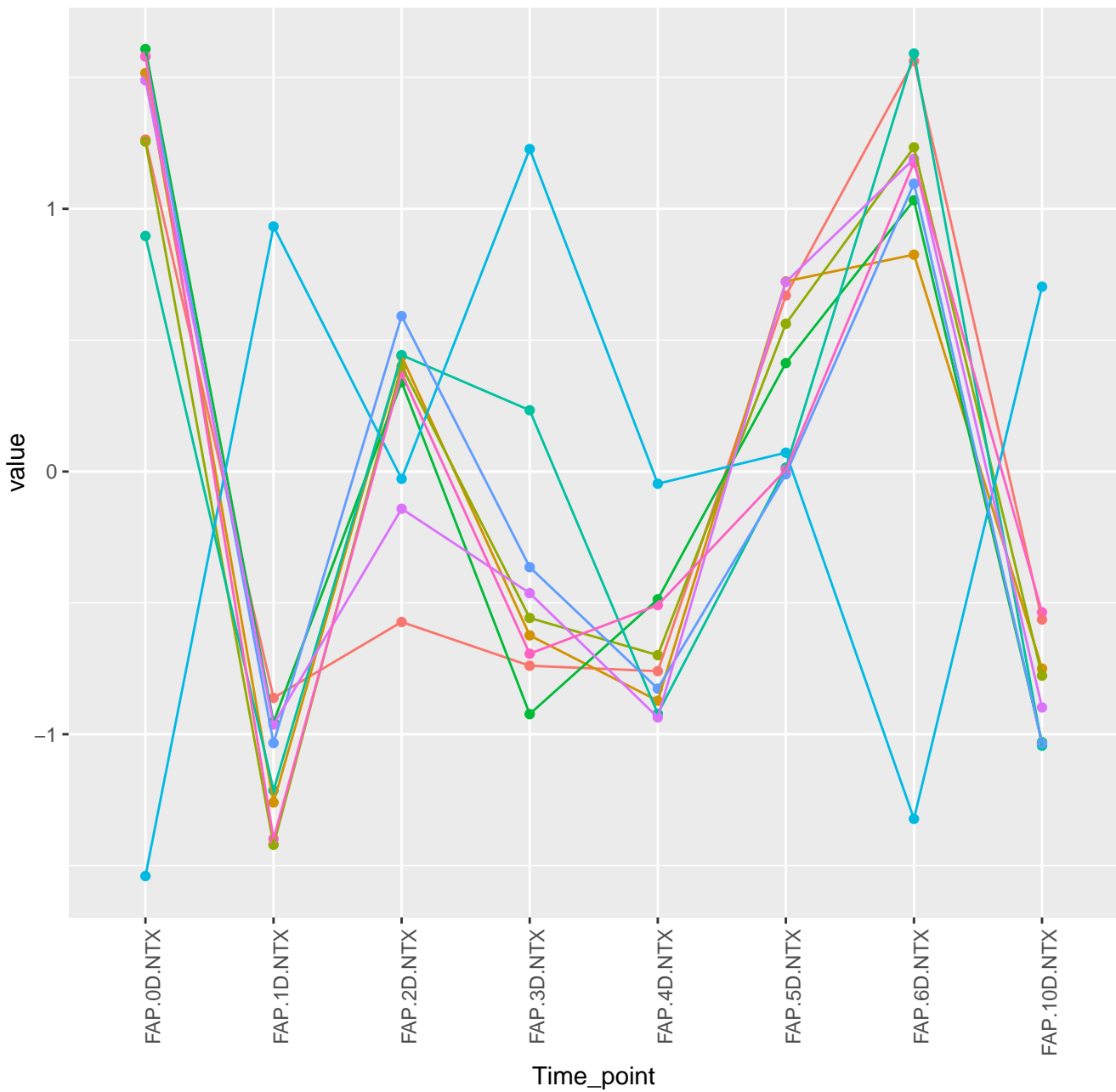
9 genes – cluster 416



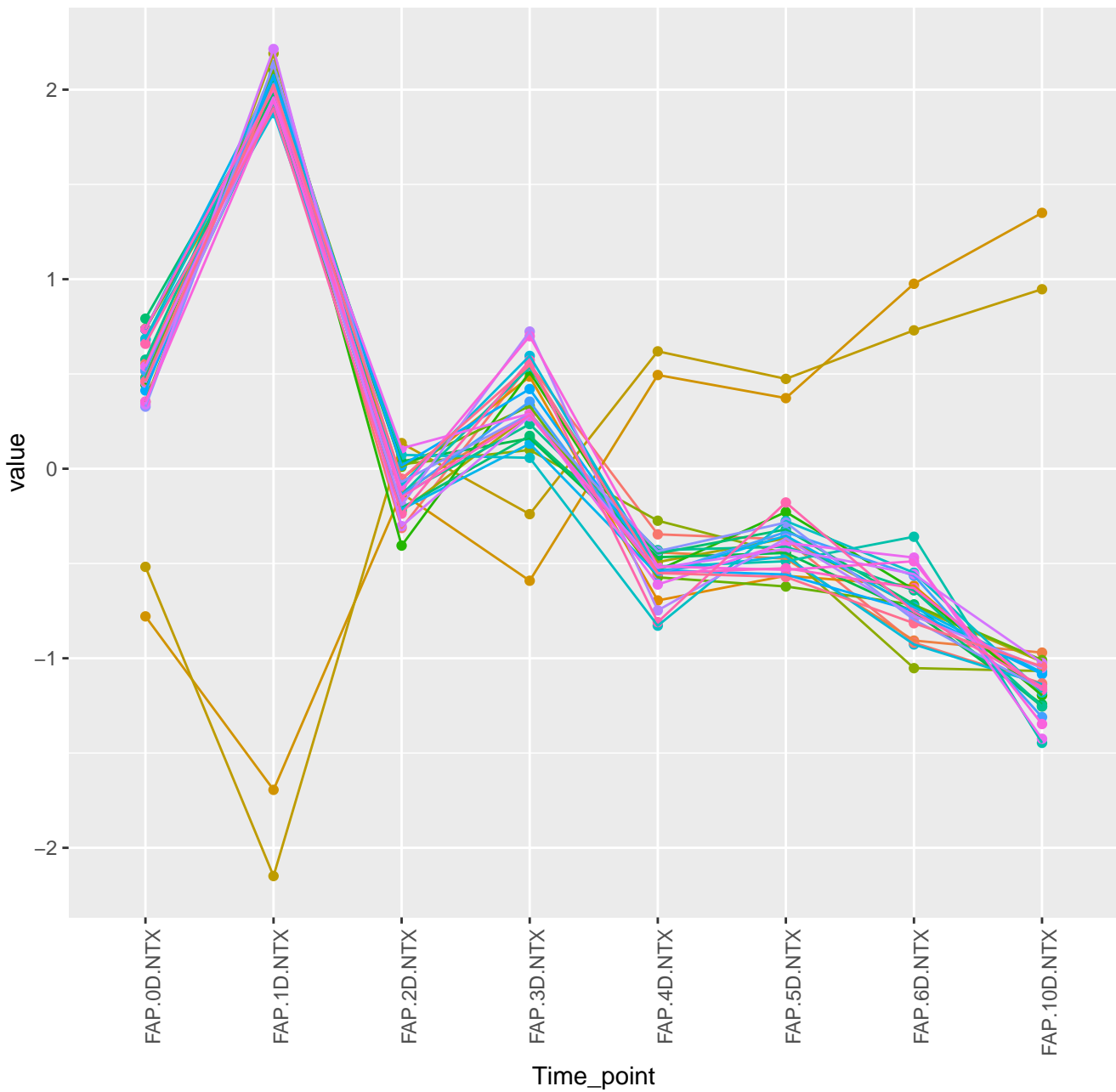
35 genes – cluster 417



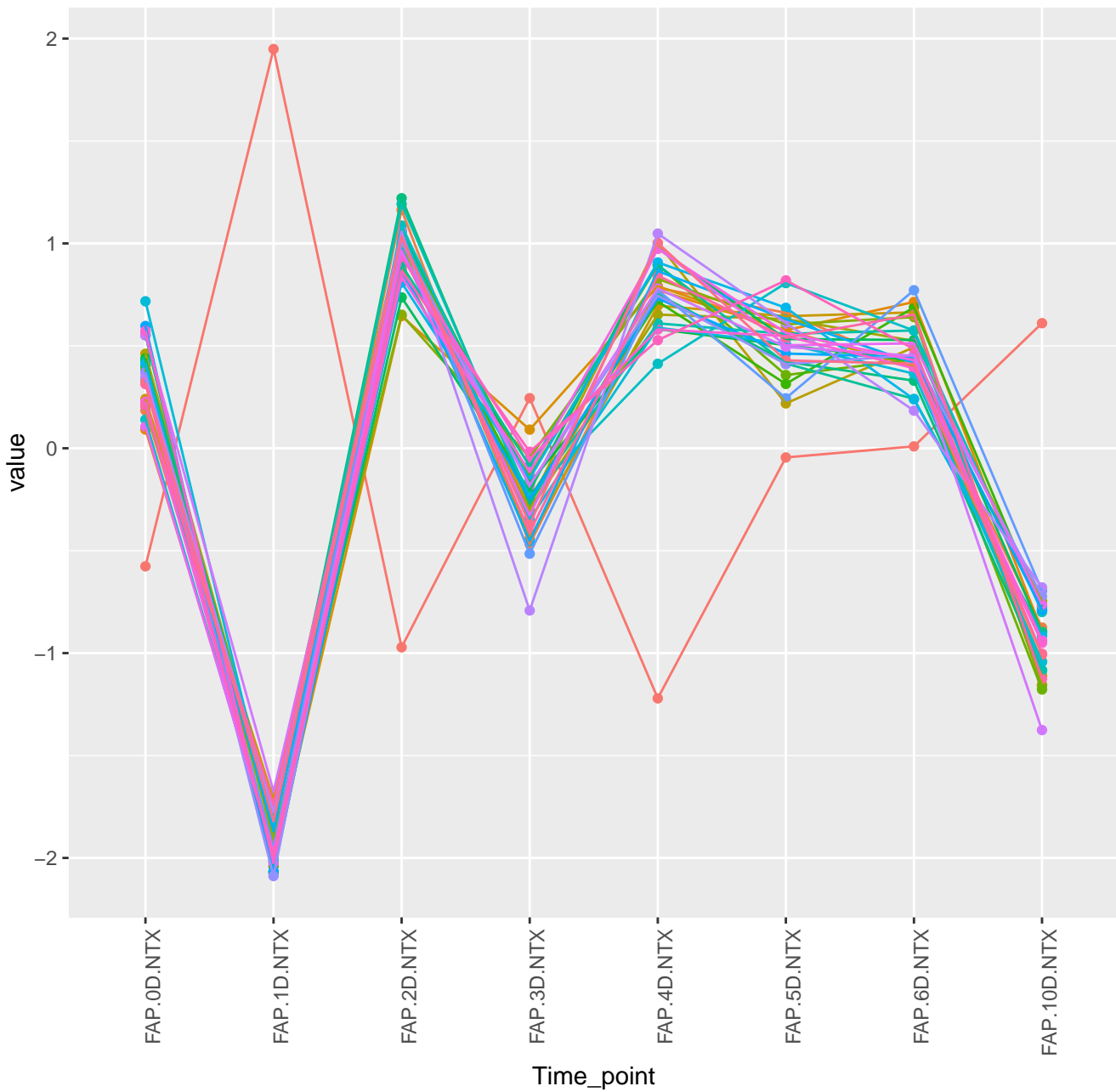
9 genes – cluster 418



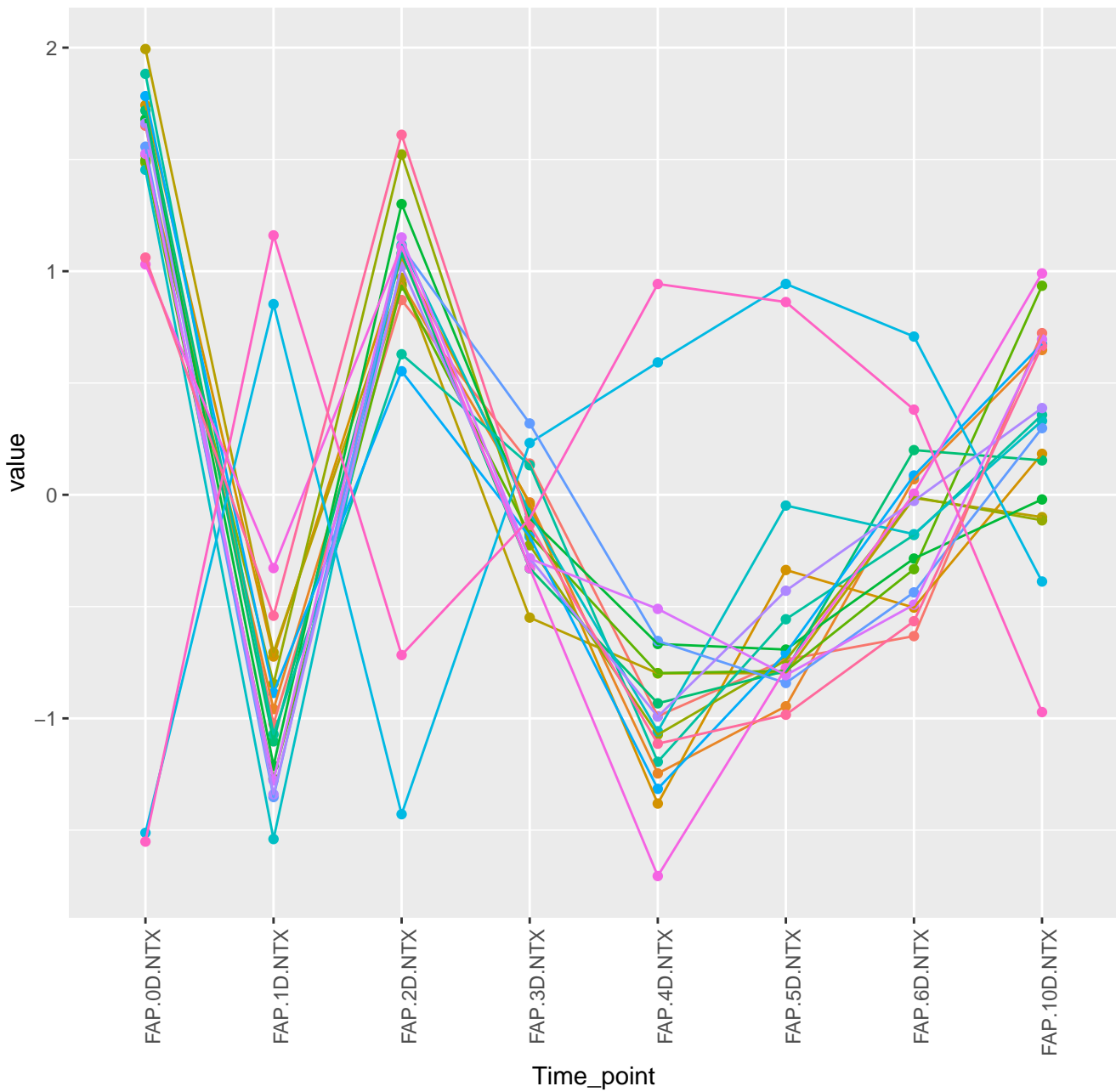
26 genes – cluster 419



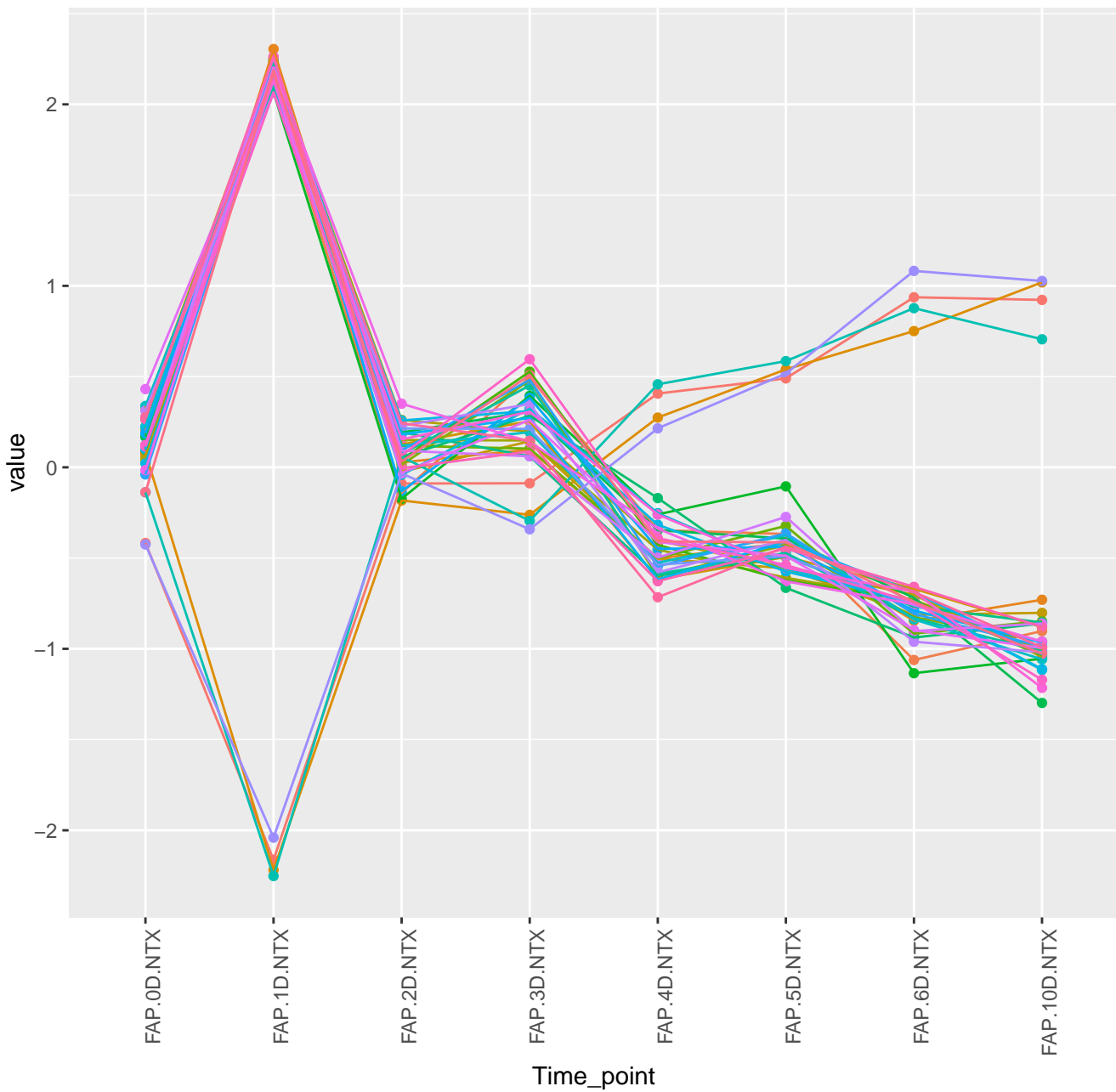
30 genes – cluster 420



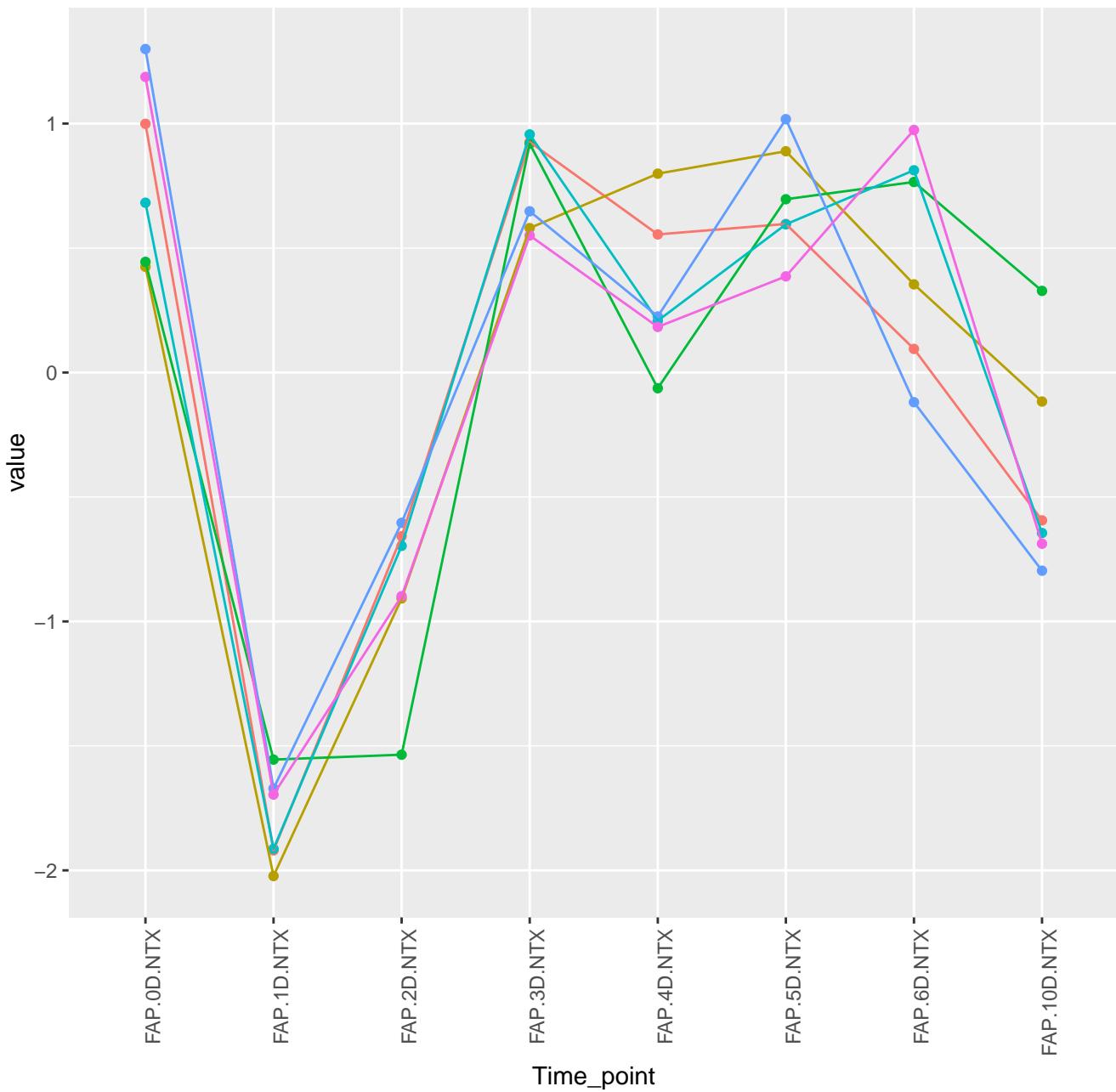
18 genes – cluster 421



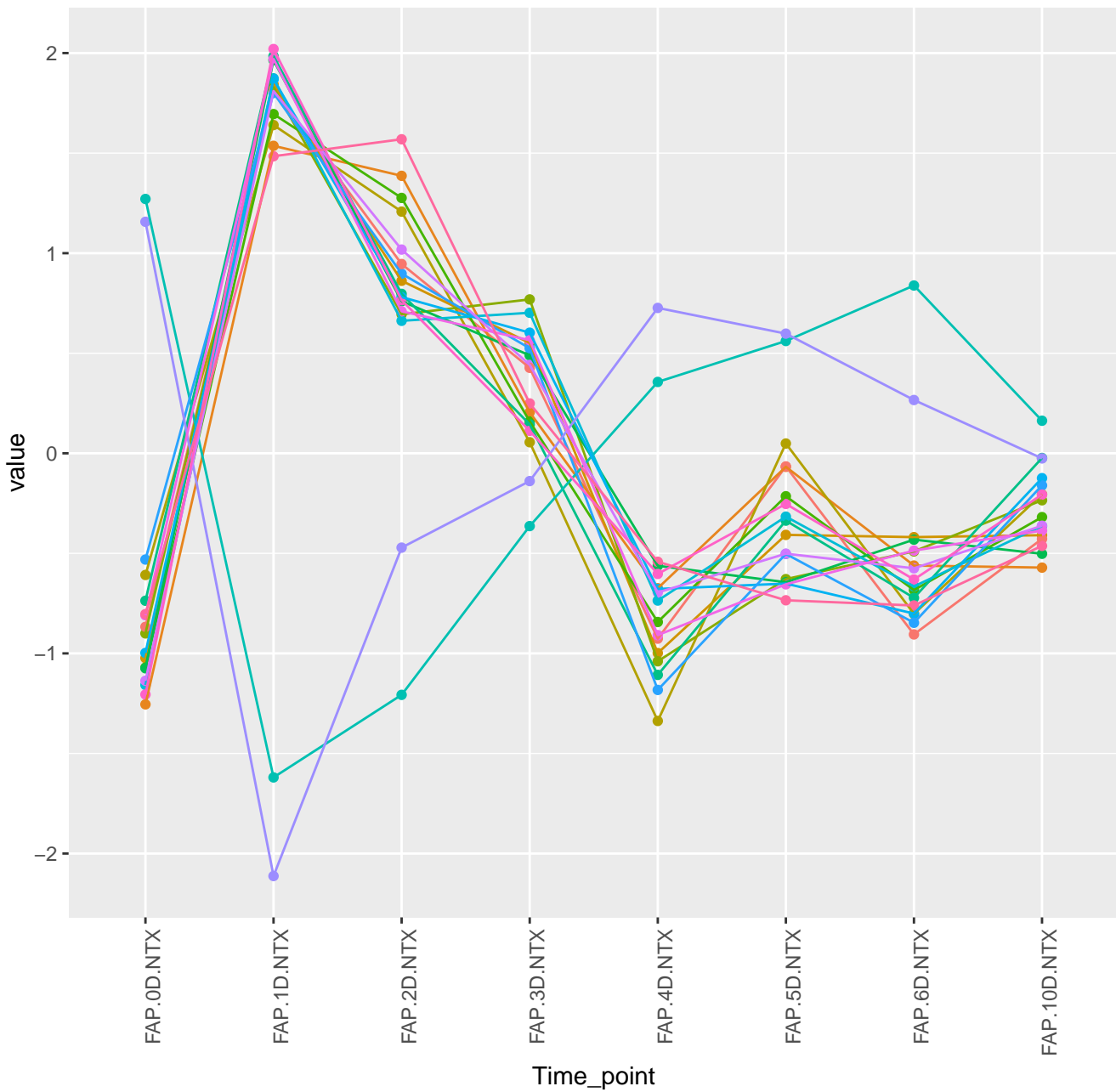
34 genes – cluster 422



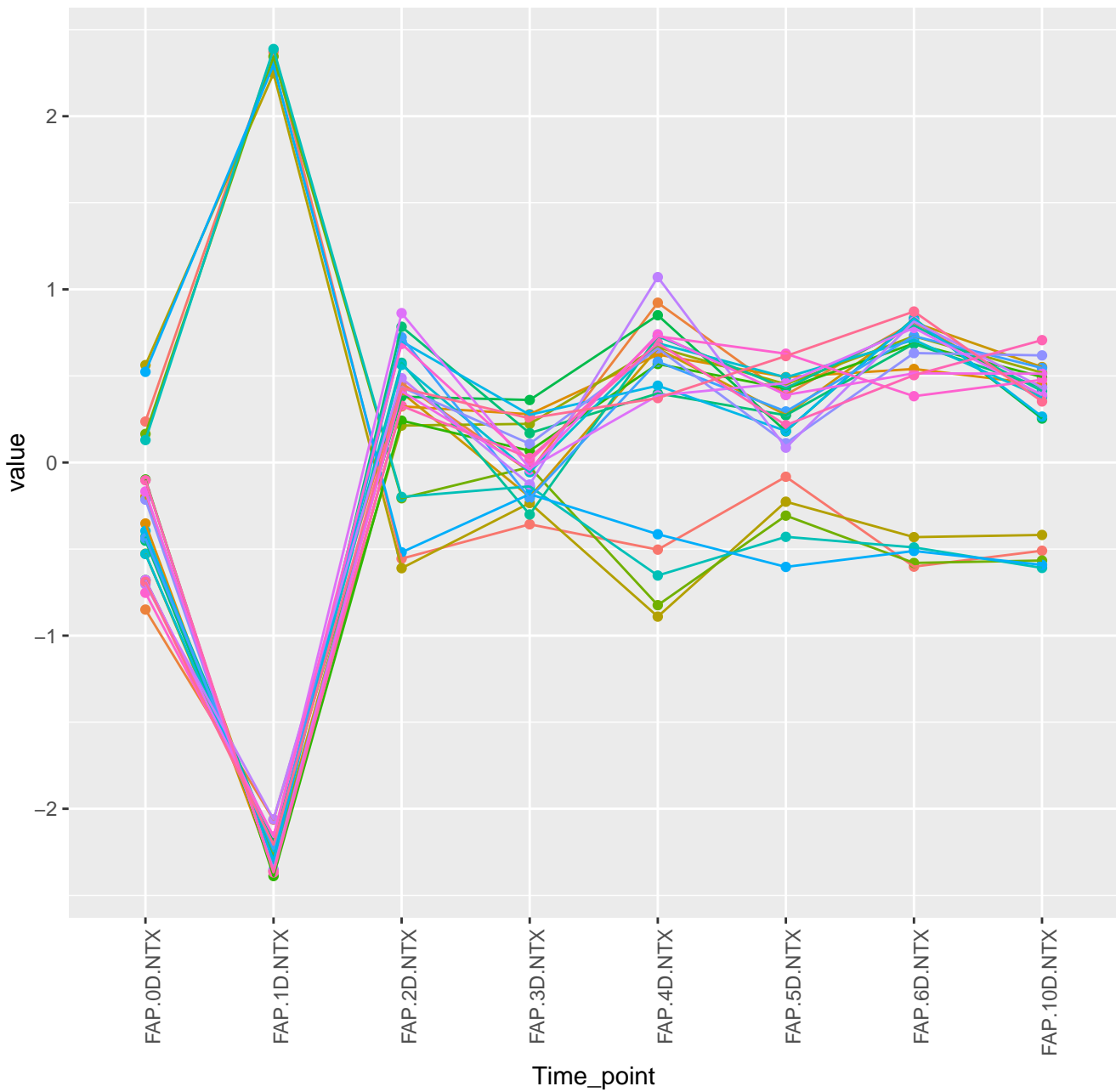
6 genes – cluster 423



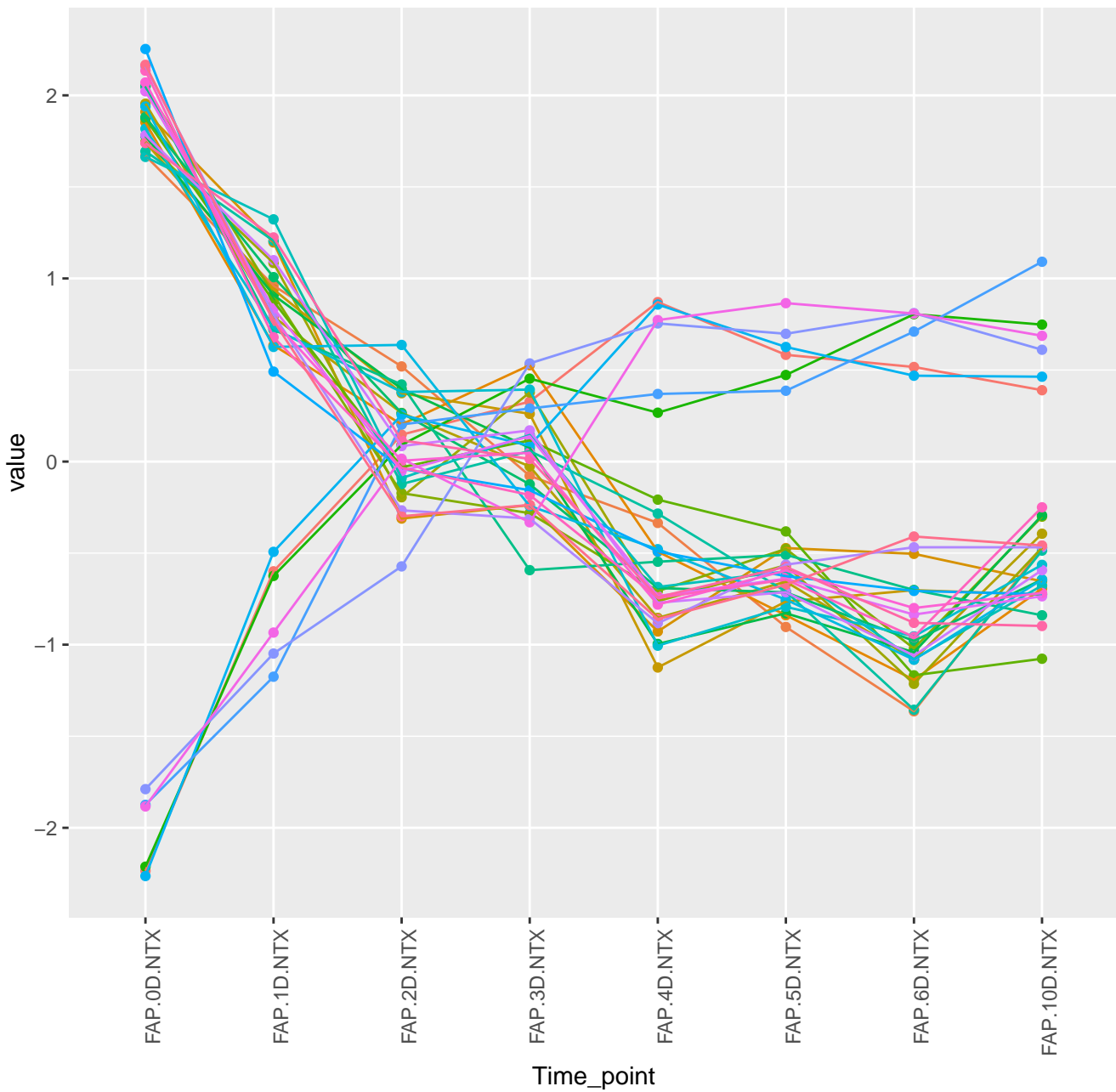
17 genes – cluster 424



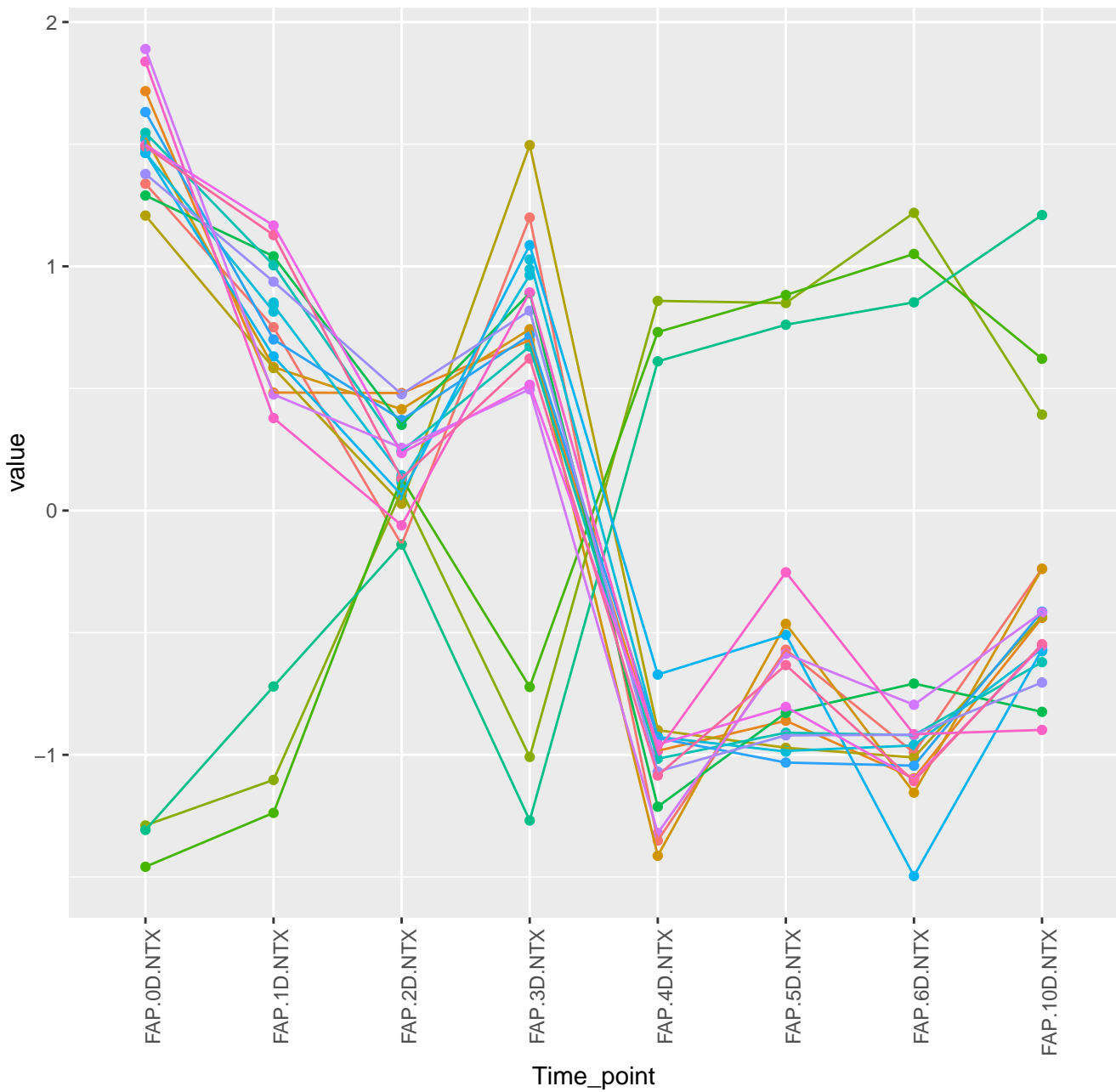
23 genes – cluster 425



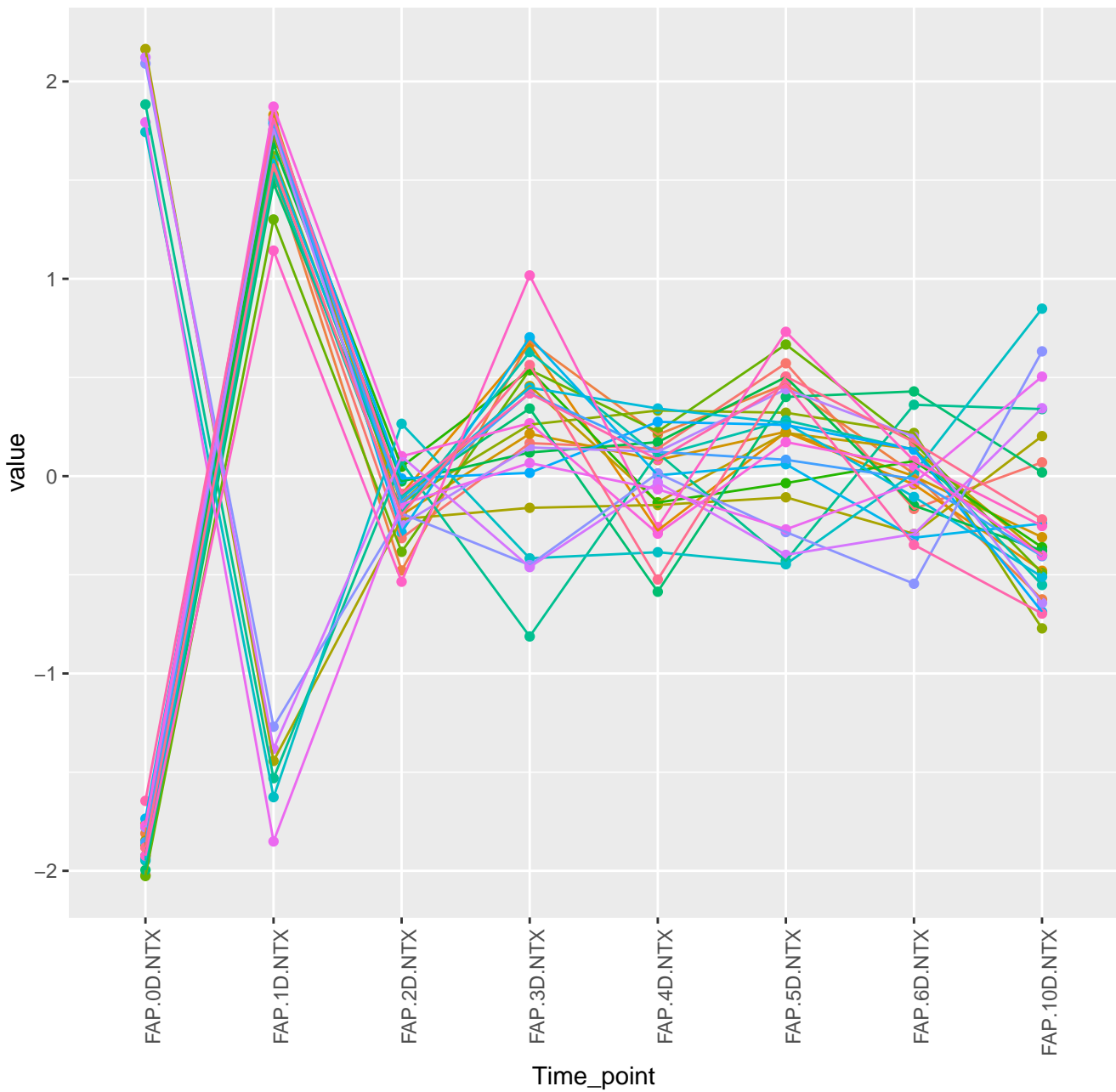
29 genes – cluster 426



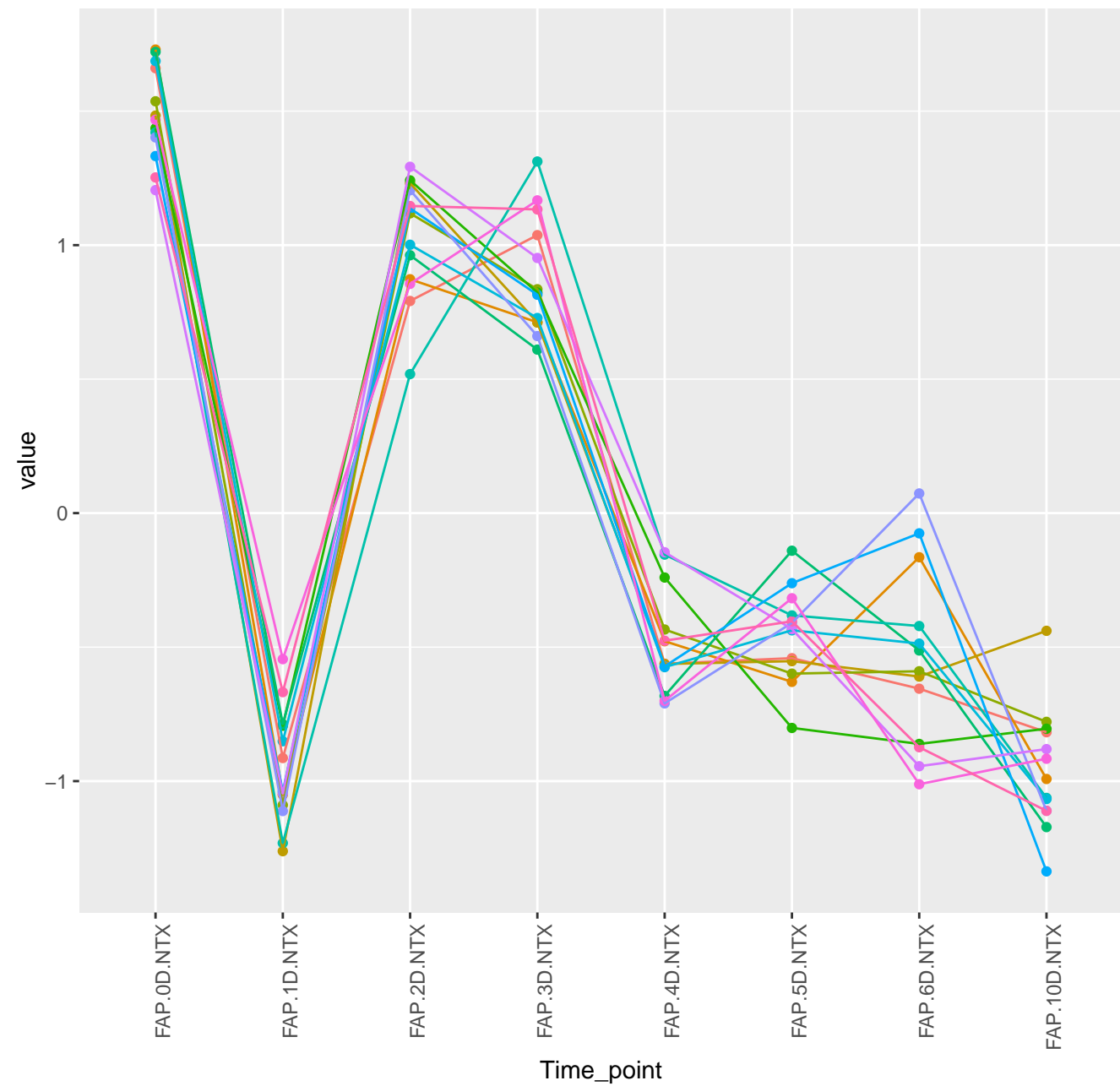
19 genes – cluster 427



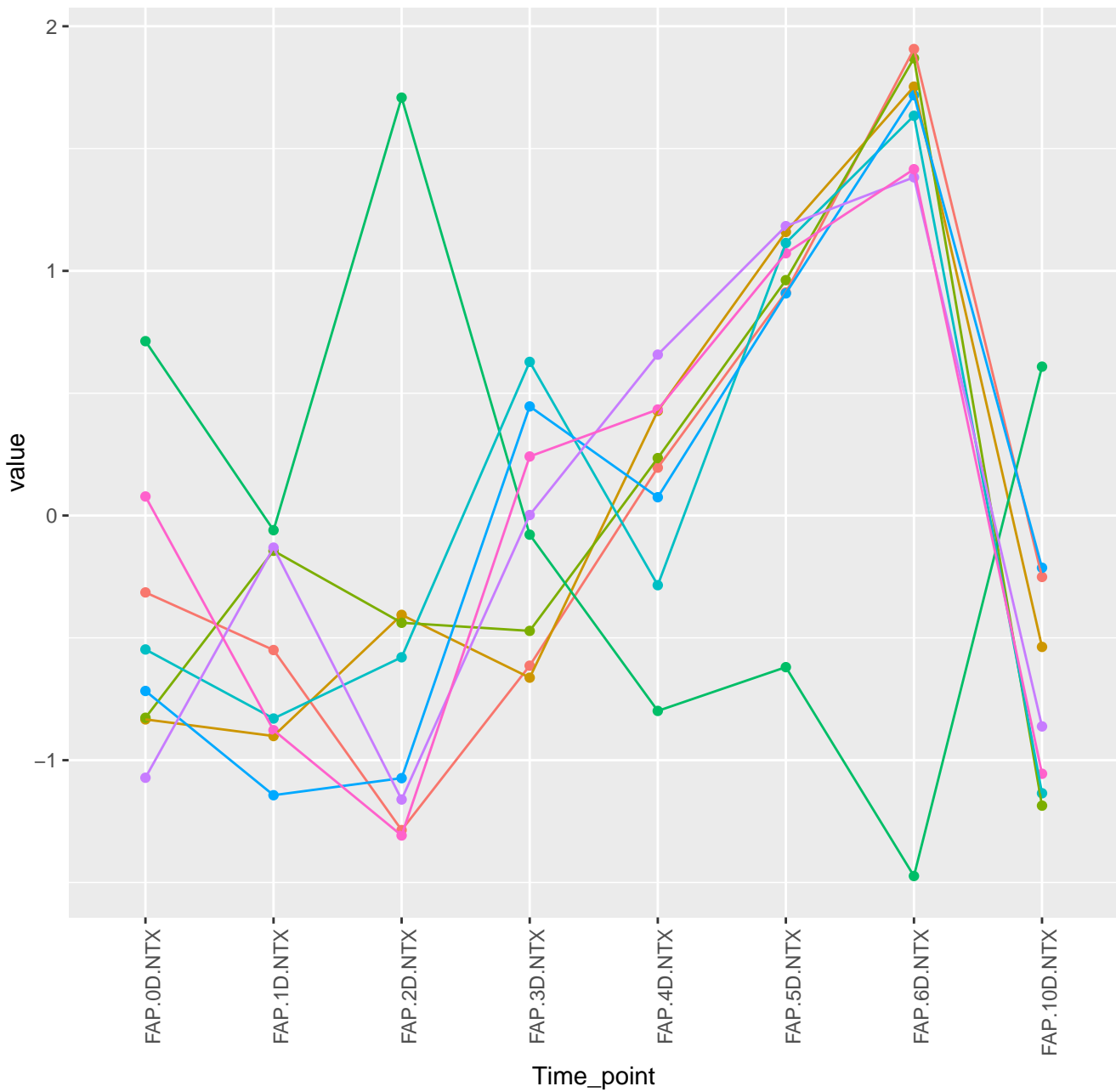
26 genes – cluster 428



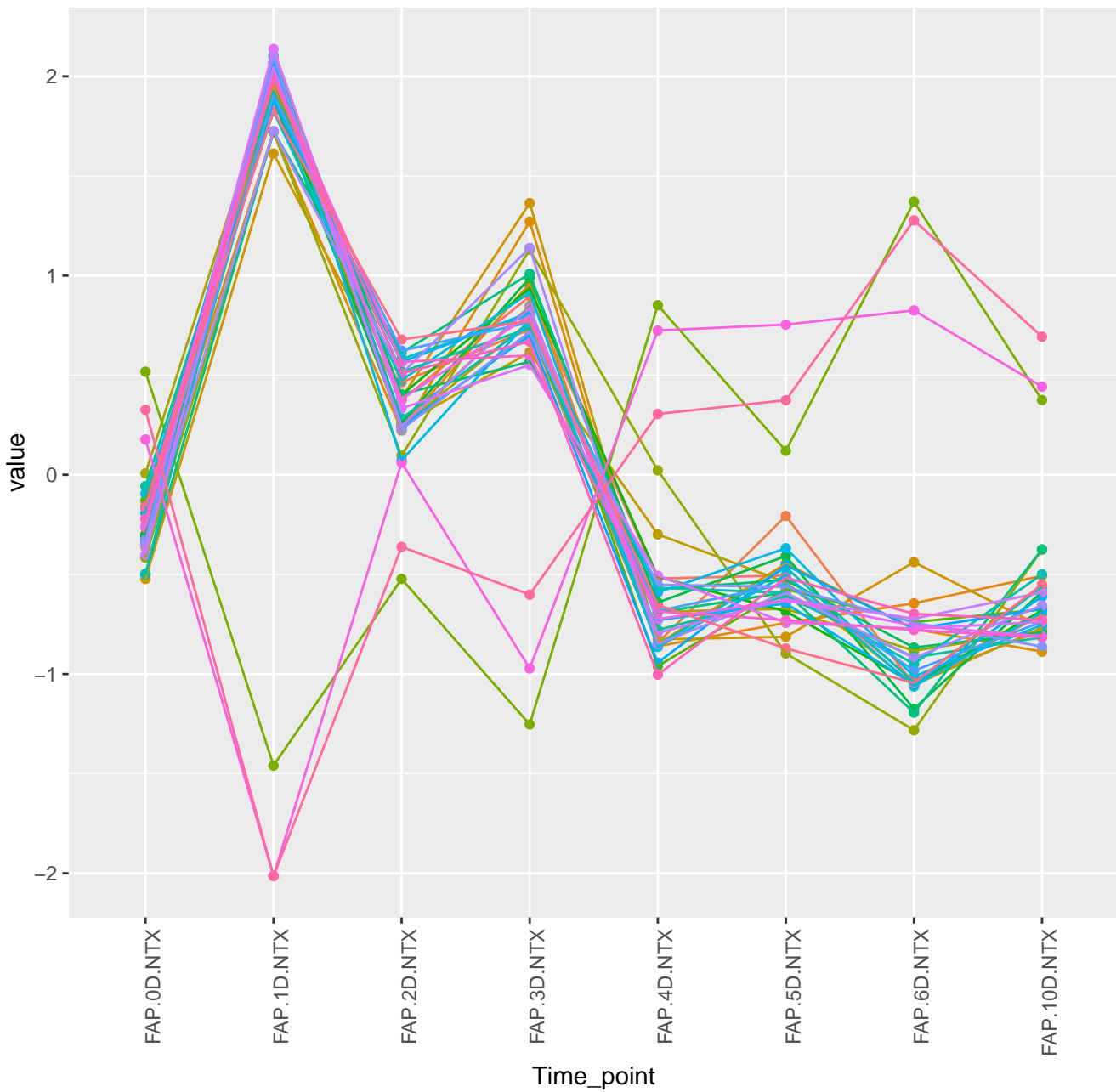
13 genes – cluster 429



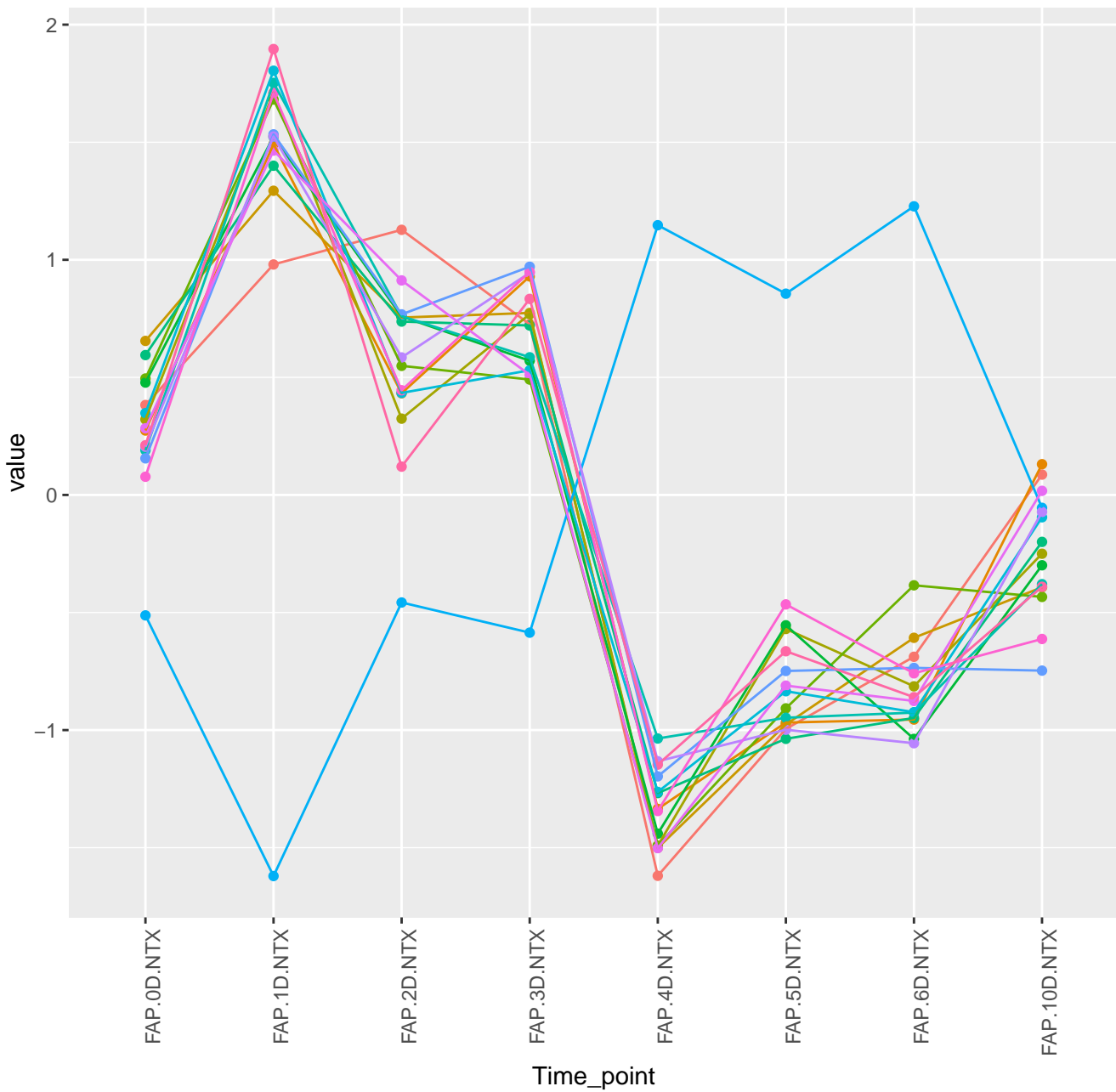
8 genes – cluster 430



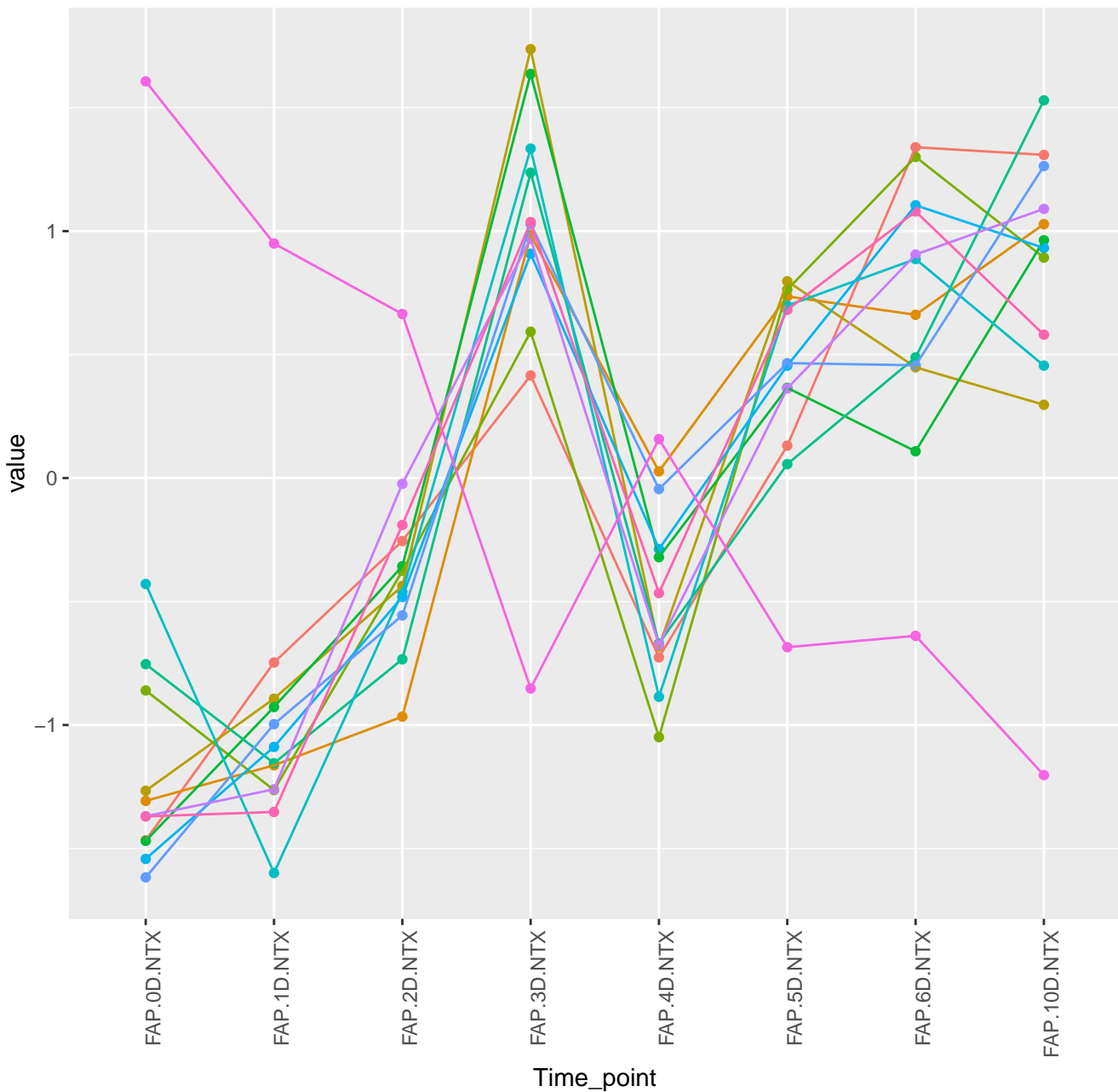
32 genes – cluster 431



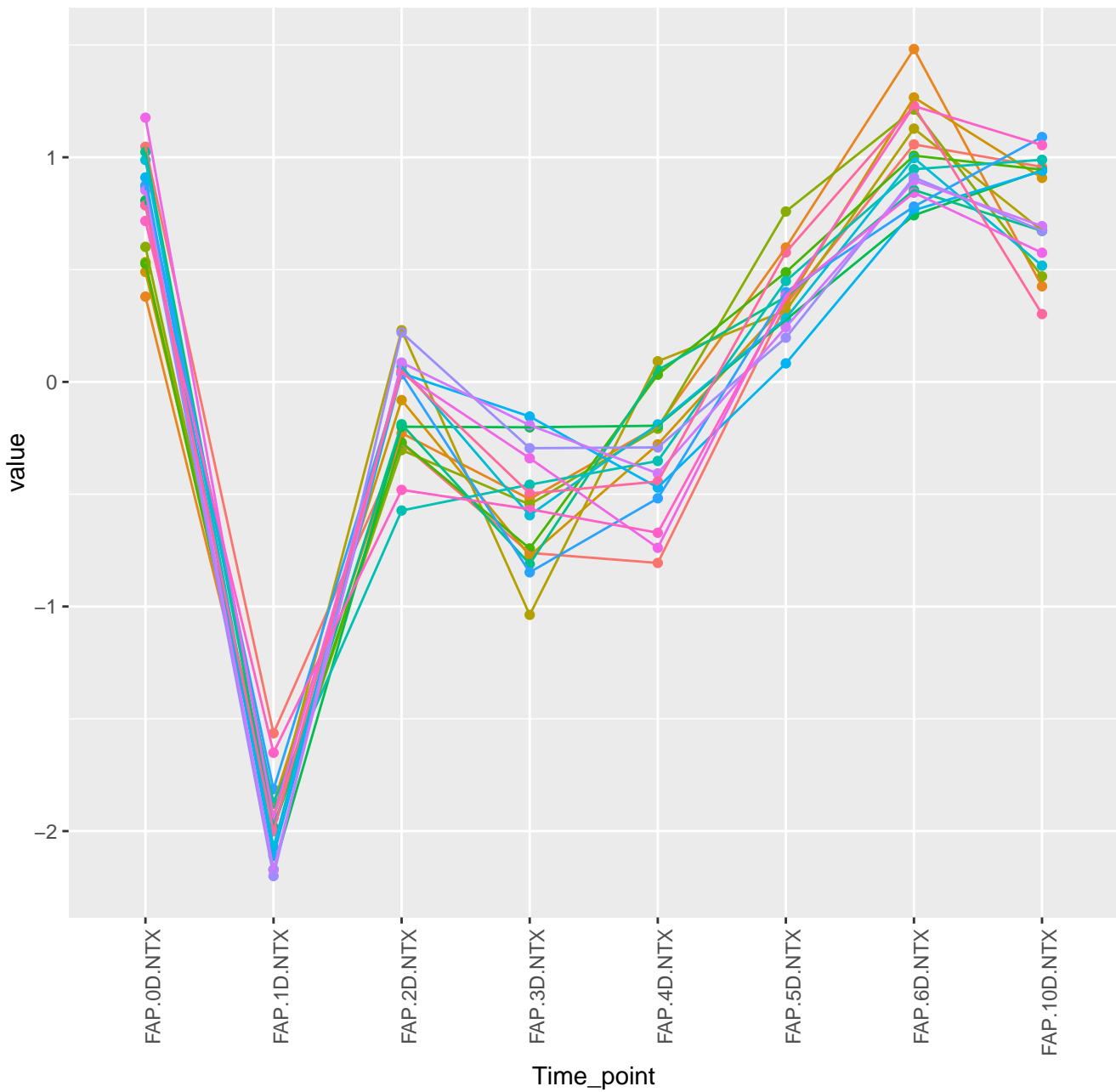
15 genes – cluster 432



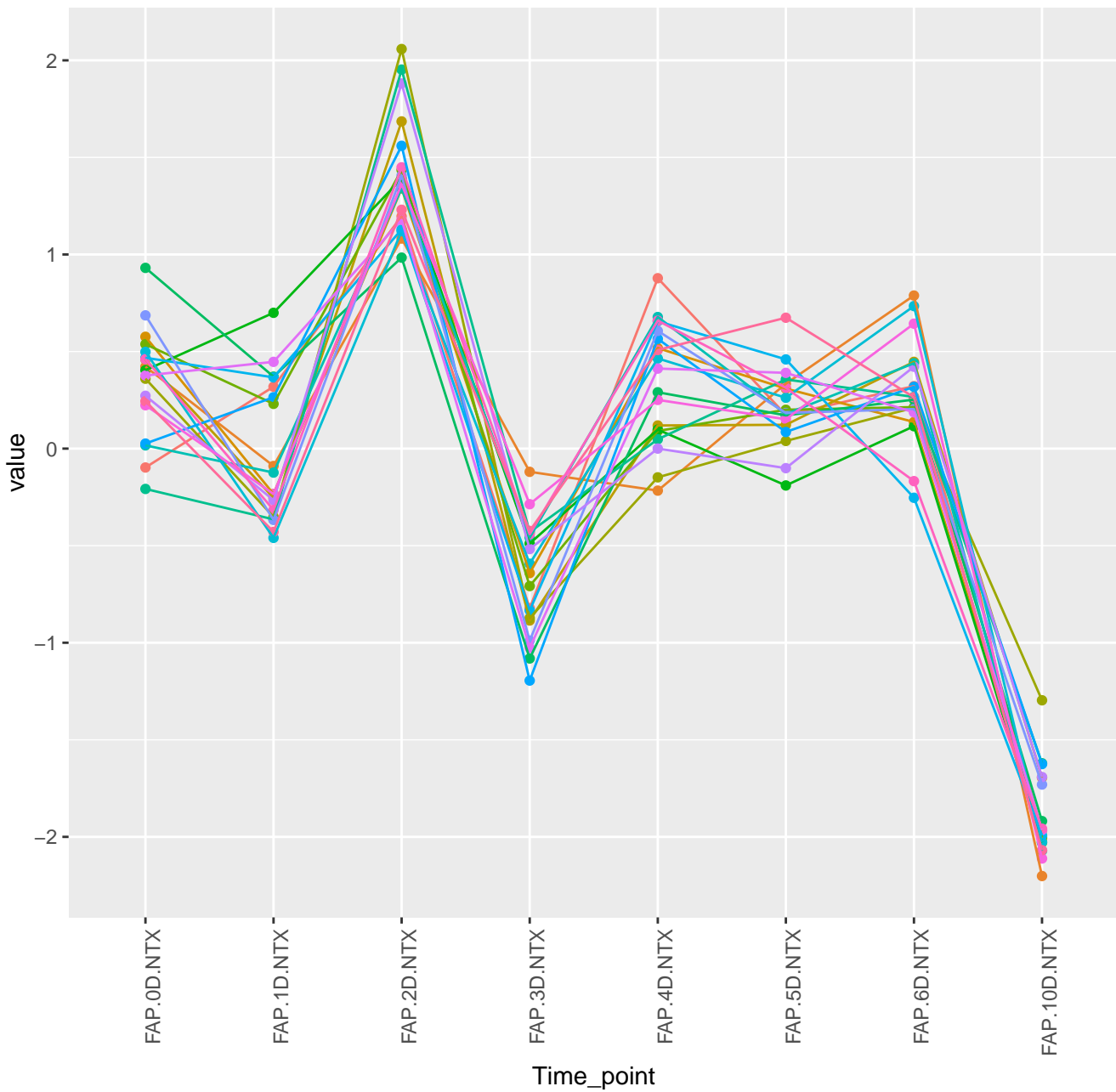
12 genes – cluster 433



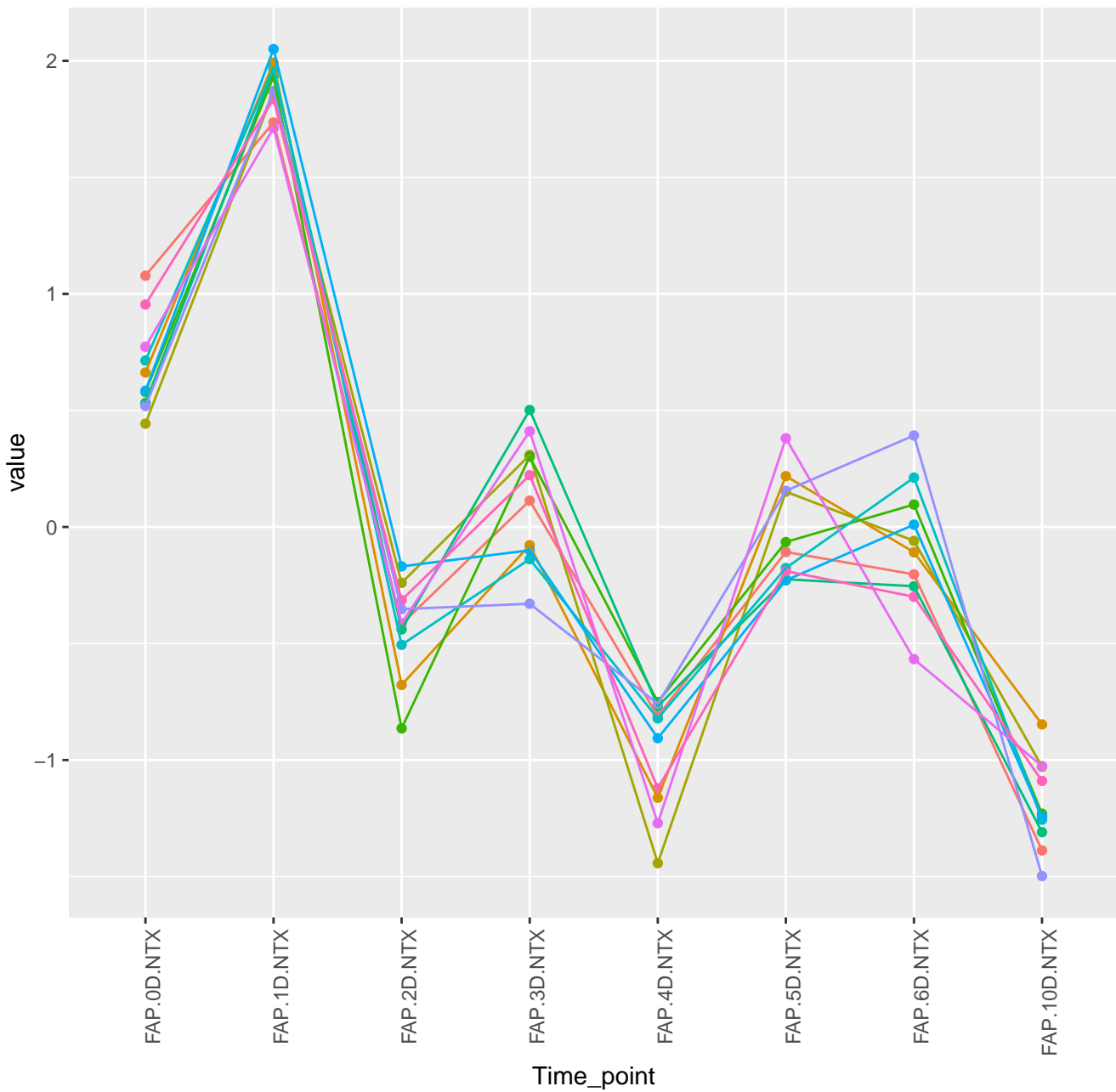
17 genes – cluster 434



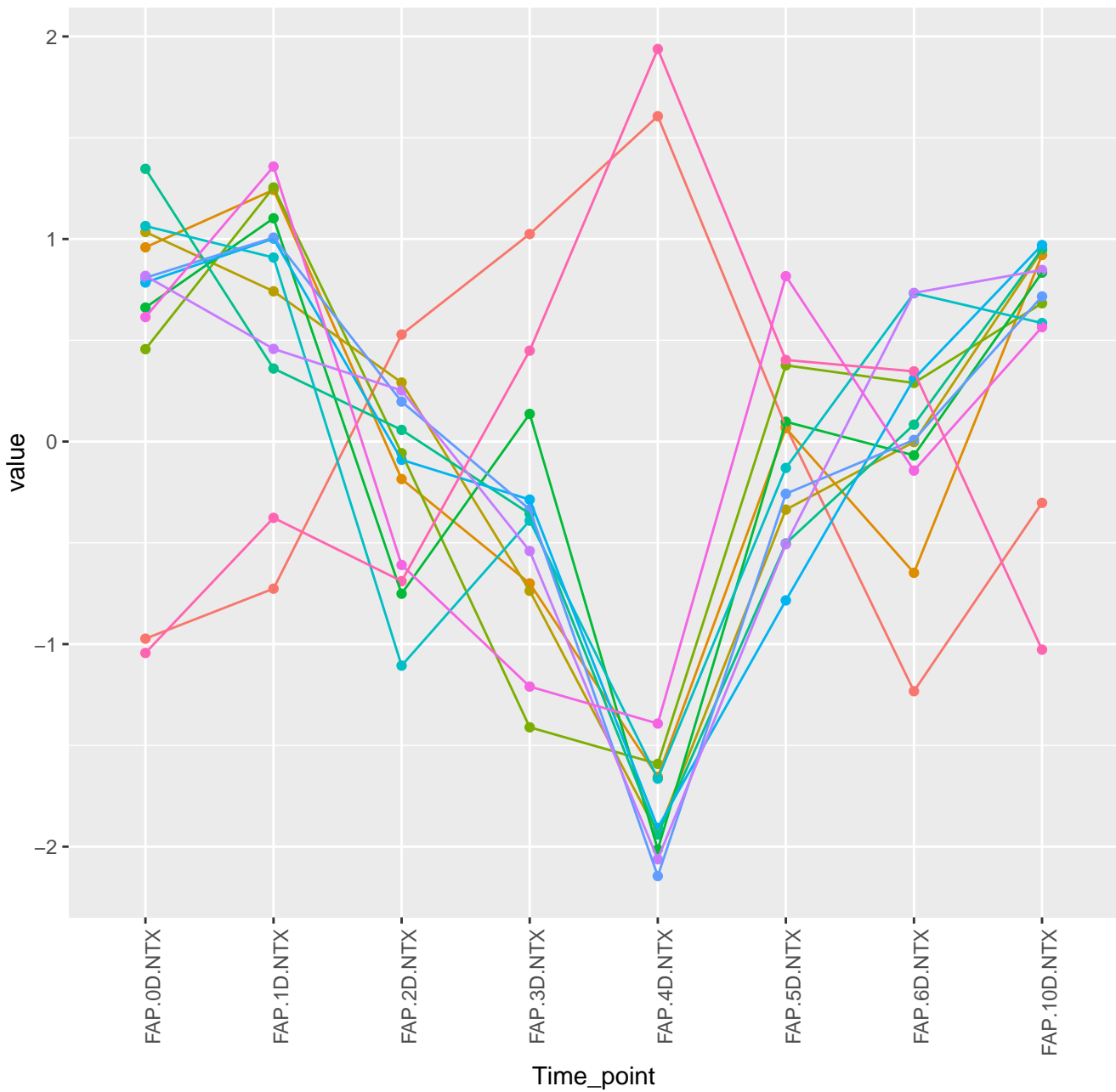
19 genes – cluster 435



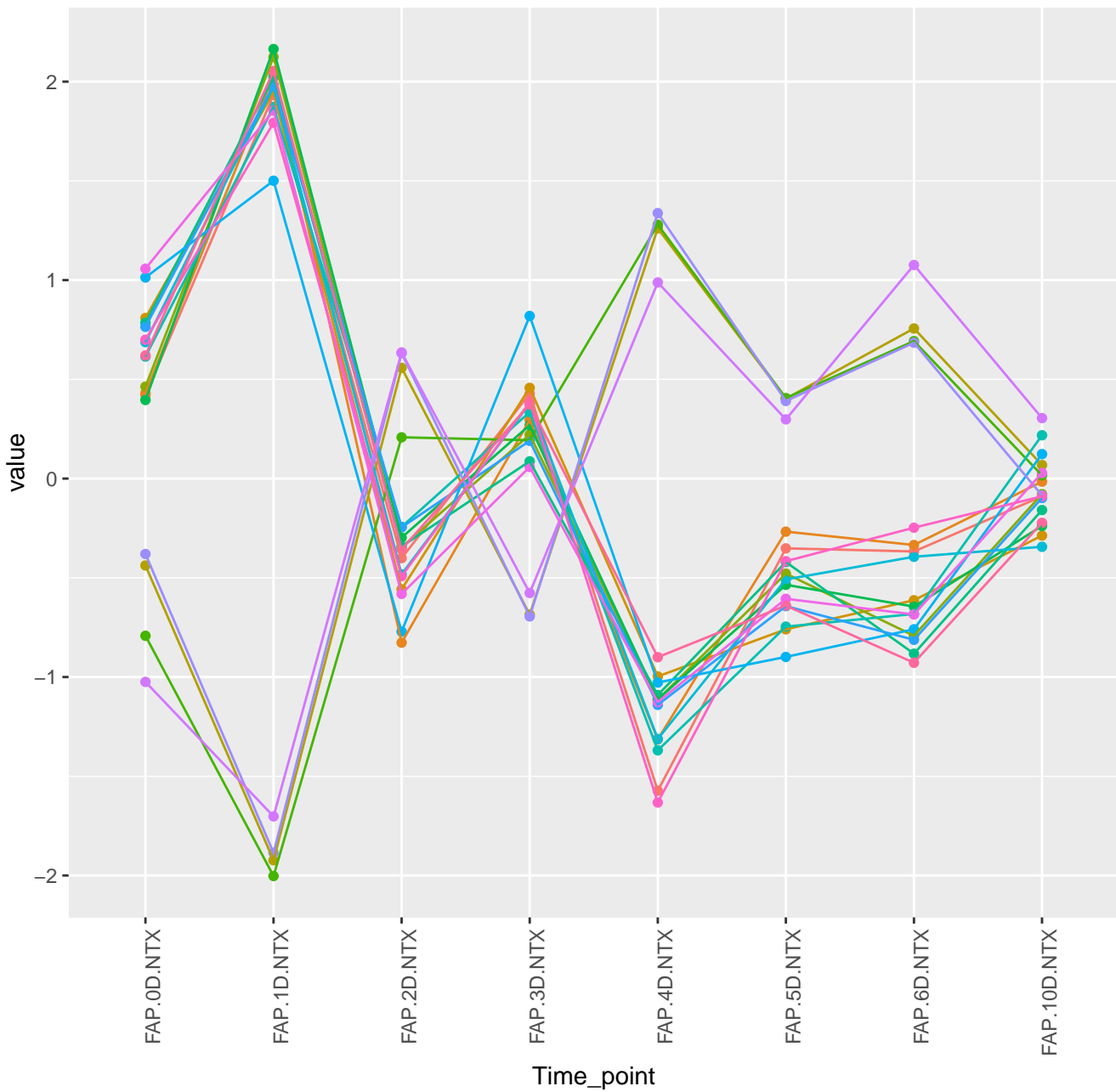
10 genes – cluster 436



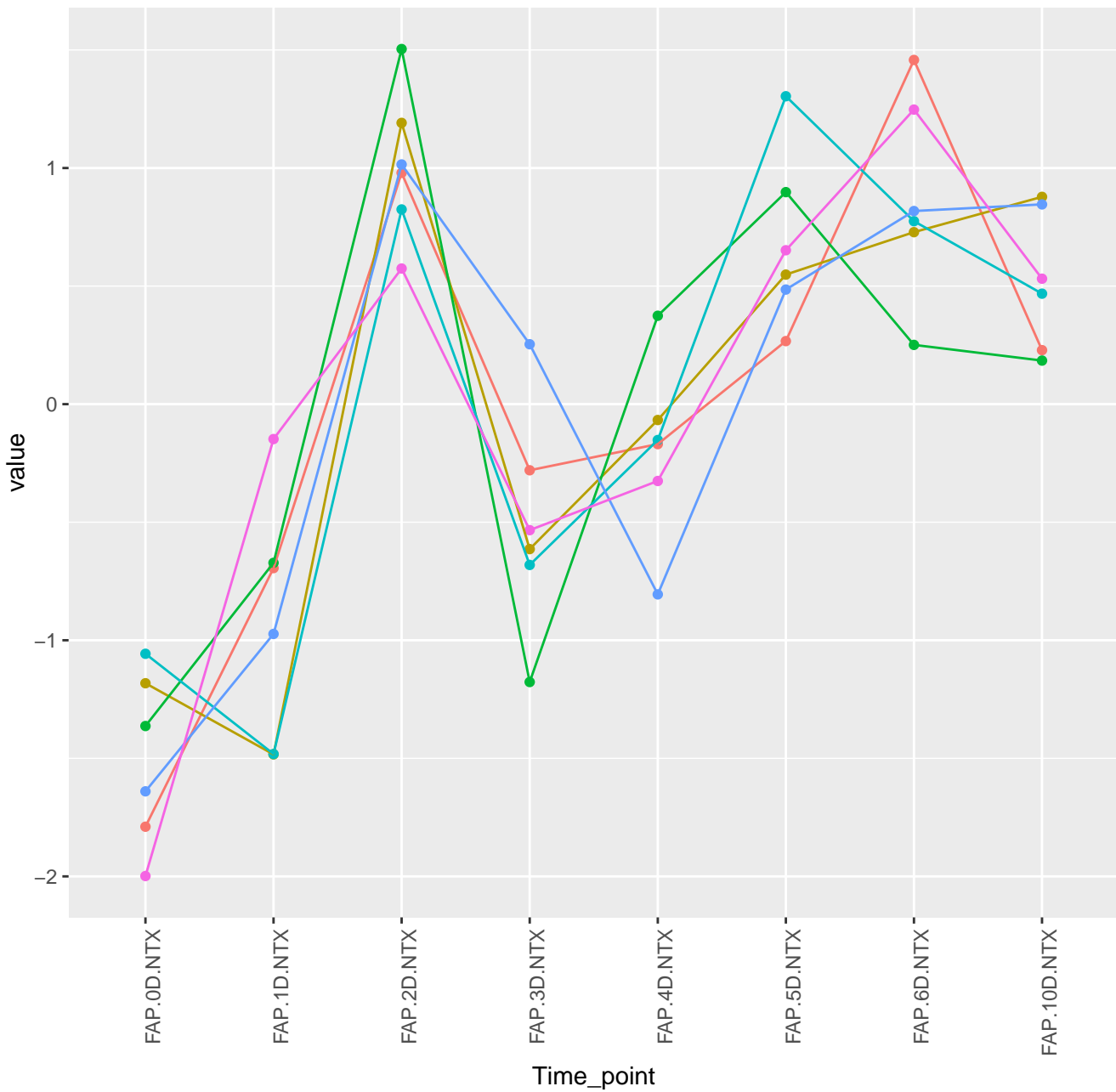
12 genes – cluster 437



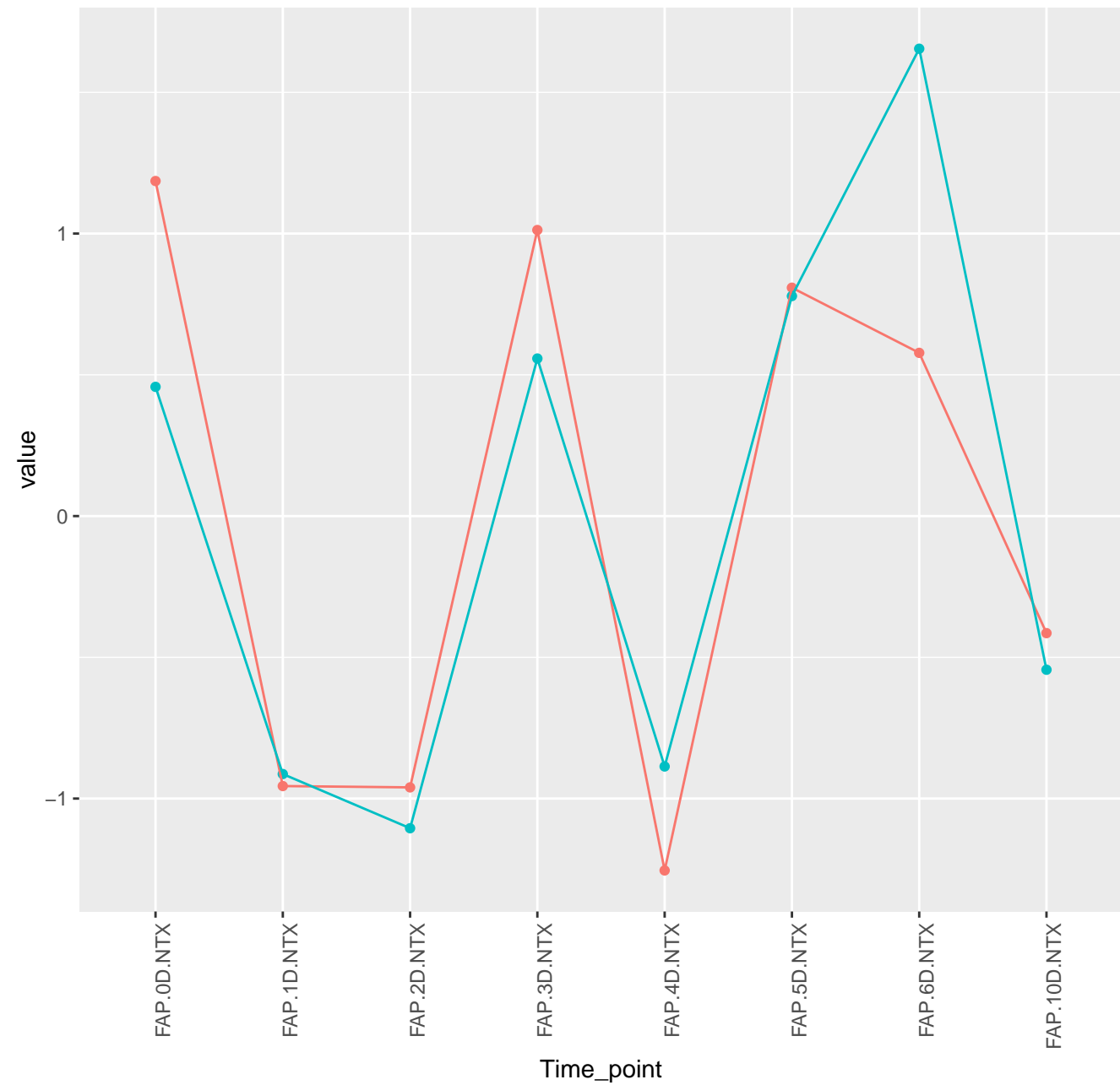
17 genes – cluster 438



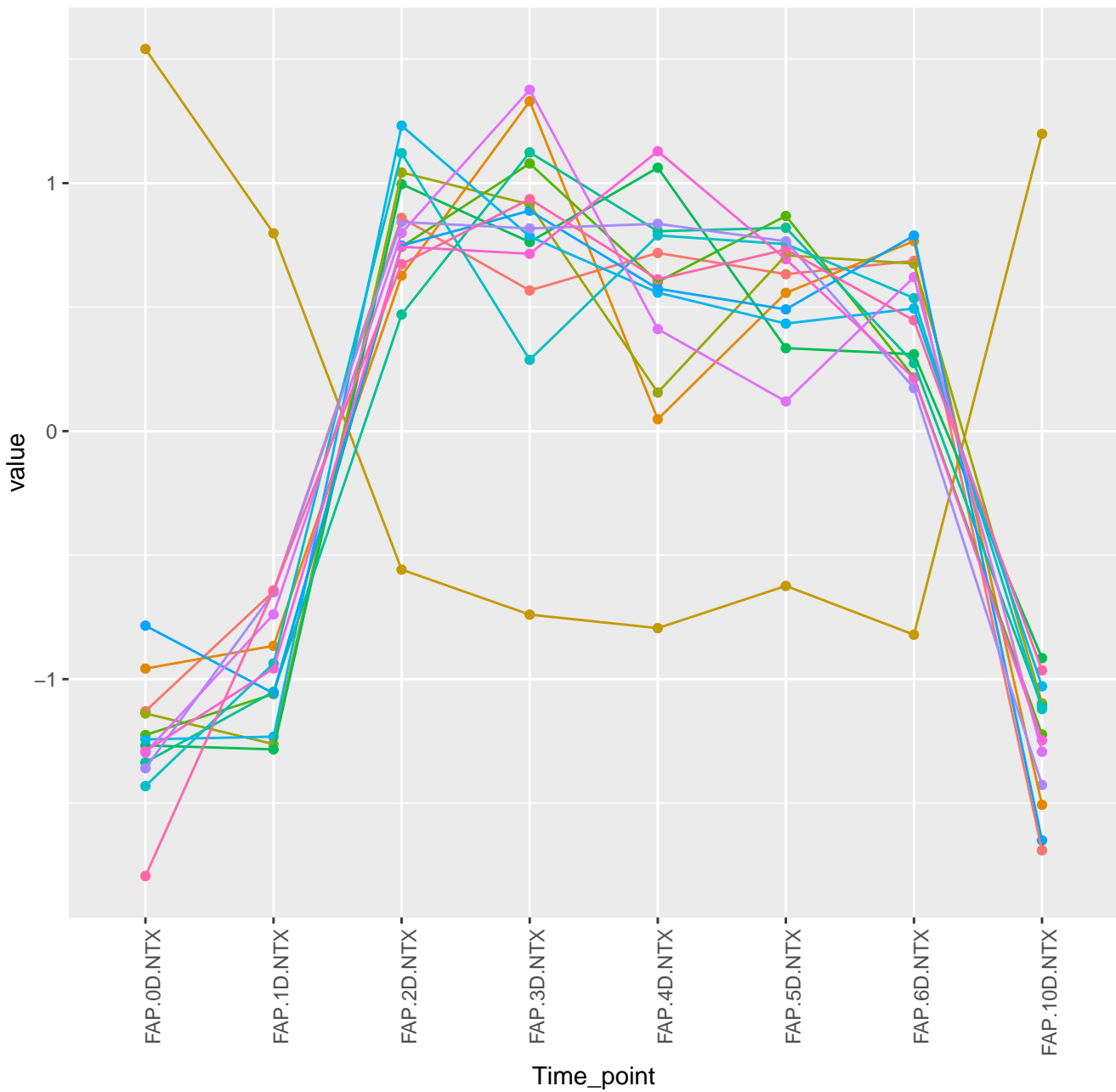
6 genes – cluster 440



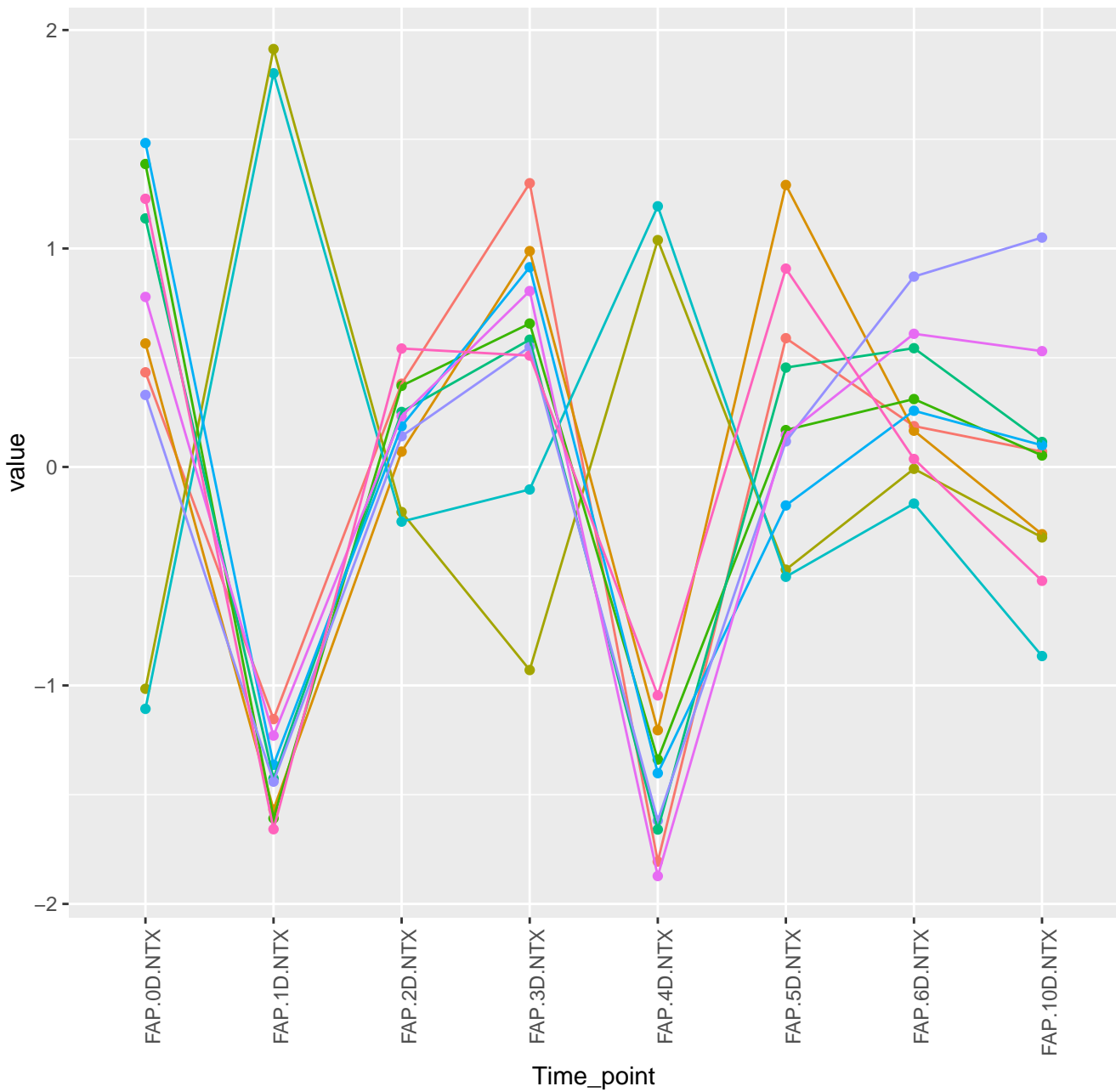
2 genes – cluster 441



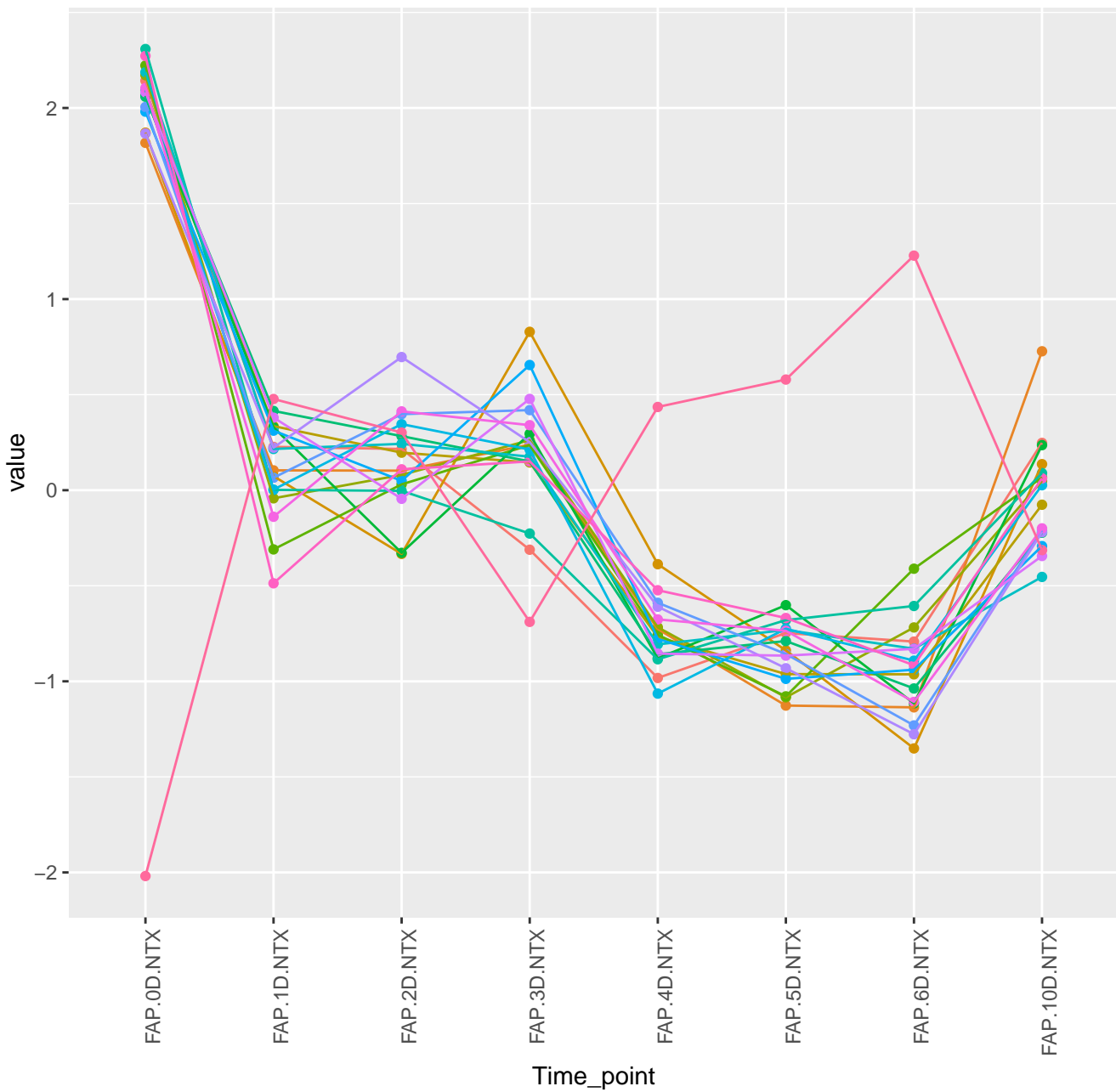
14 genes – cluster 442



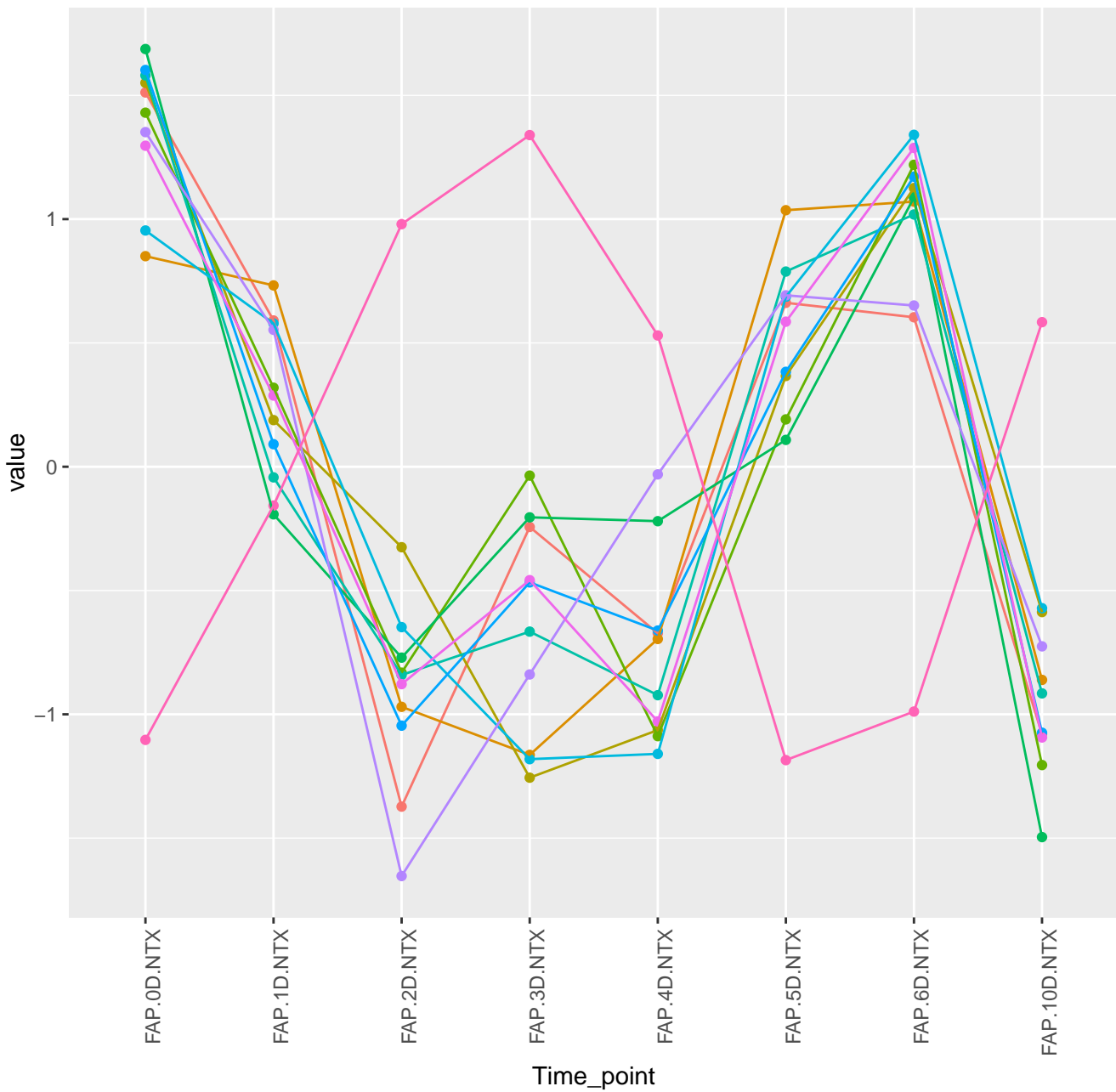
10 genes – cluster 443



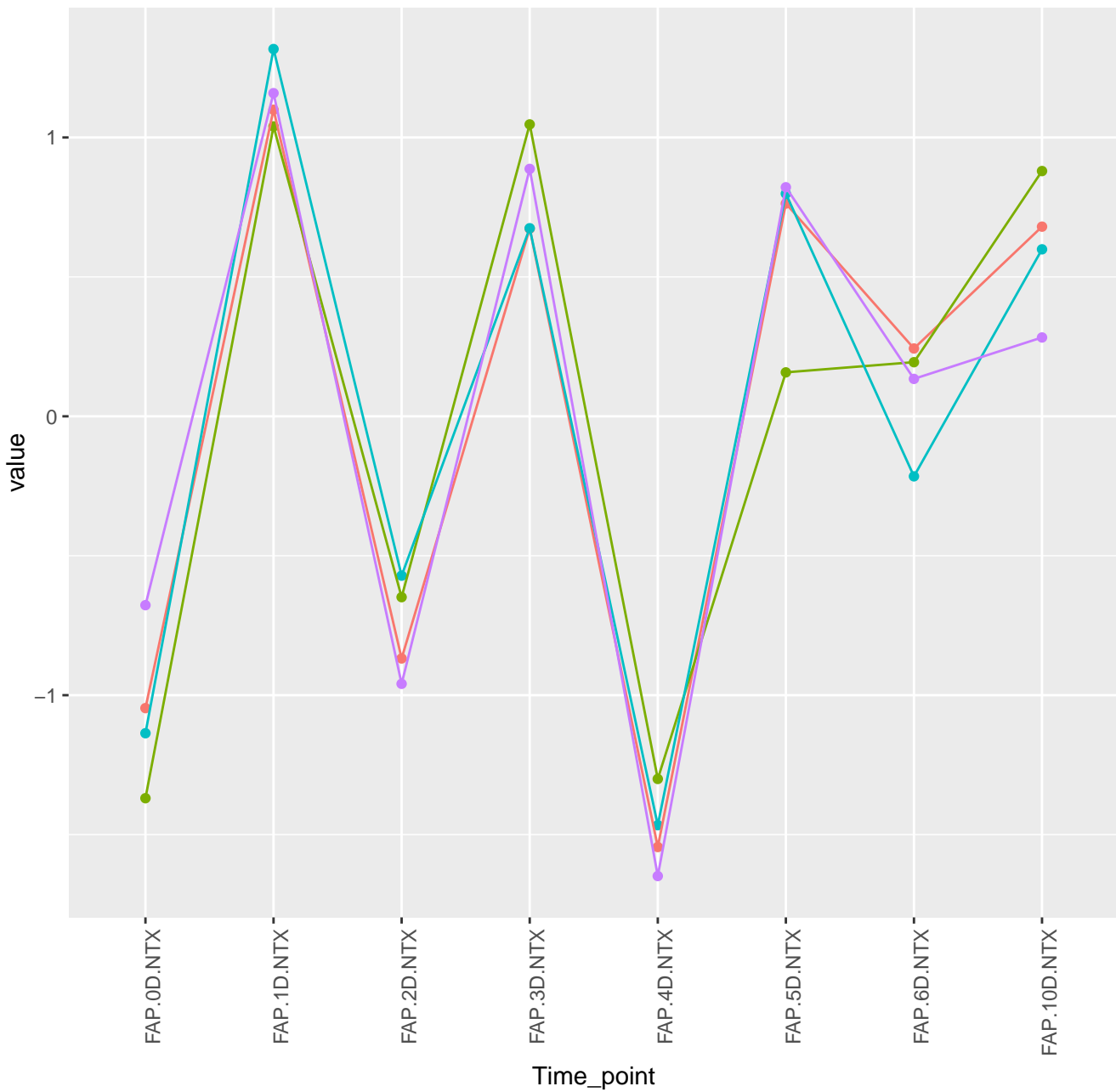
18 genes – cluster 444



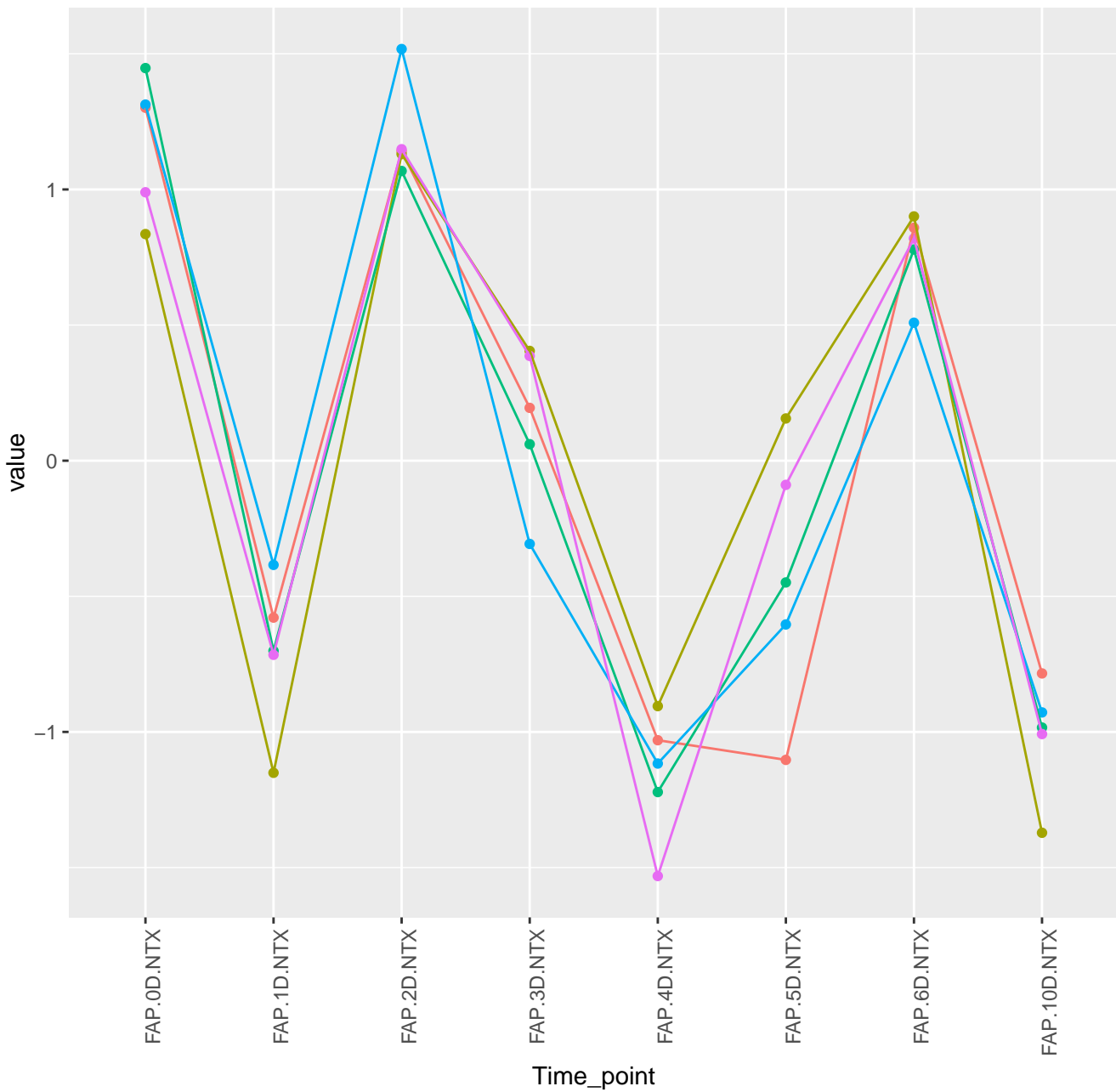
11 genes – cluster 445



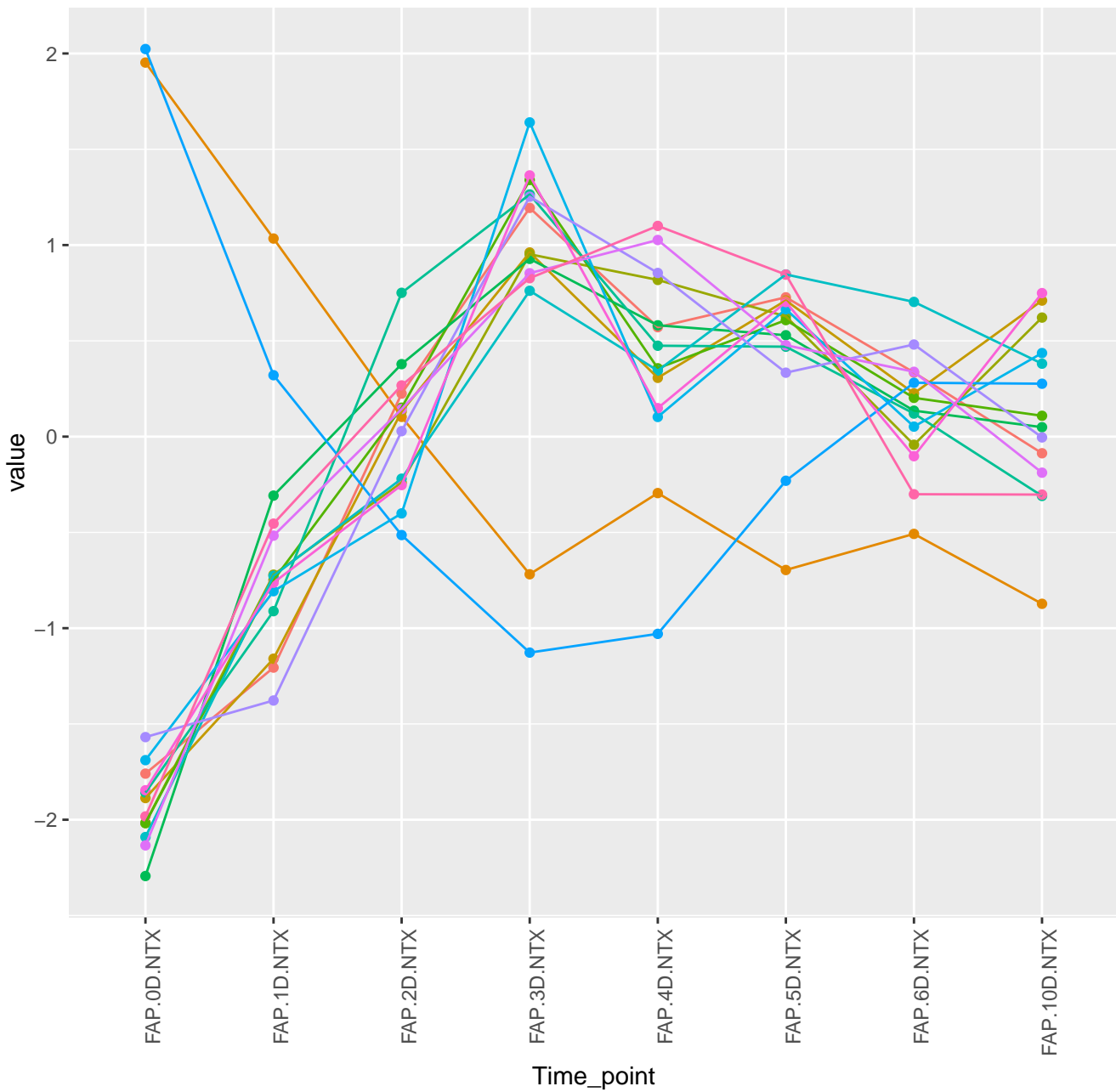
4 genes – cluster 446



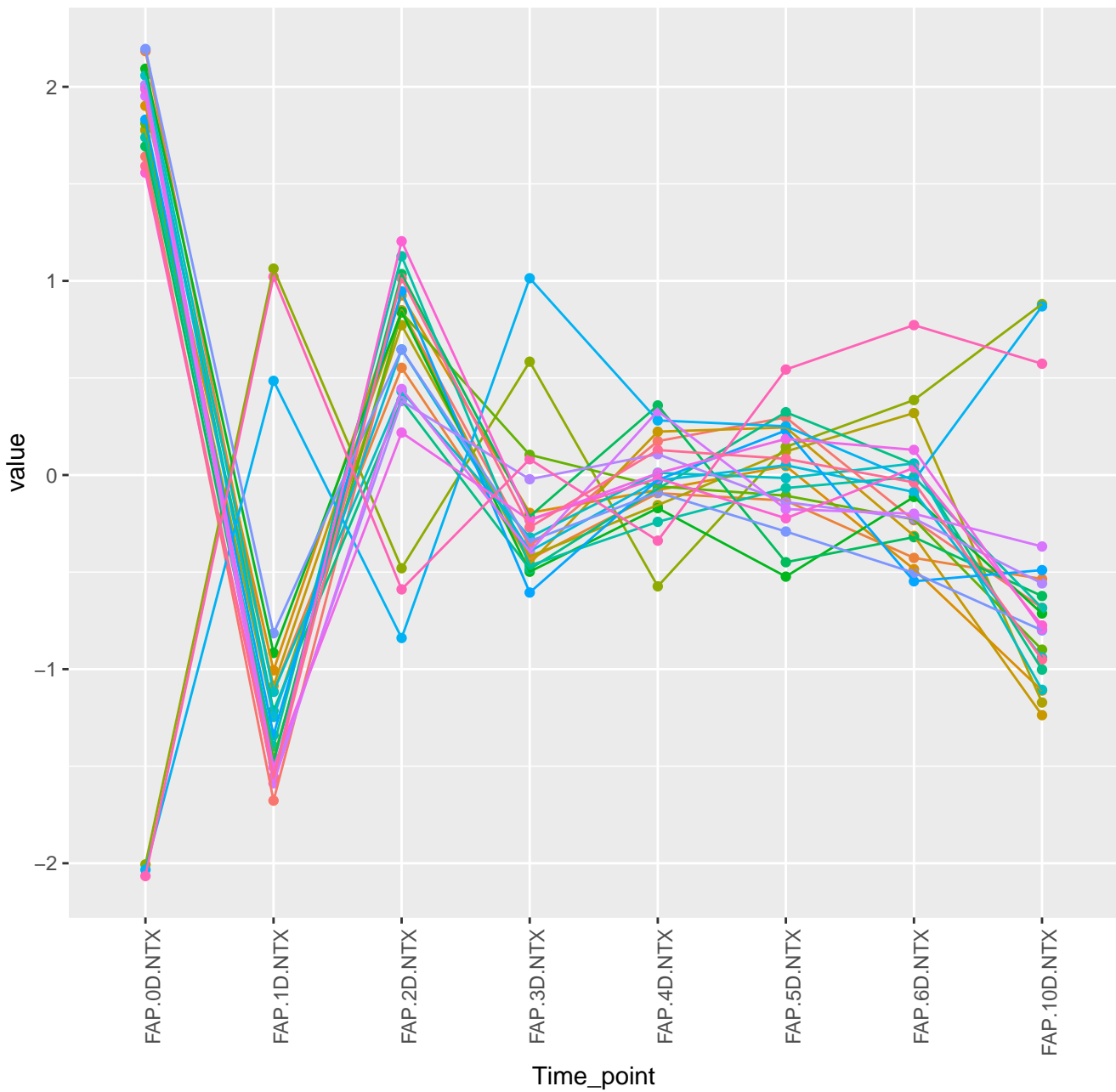
5 genes – cluster 447



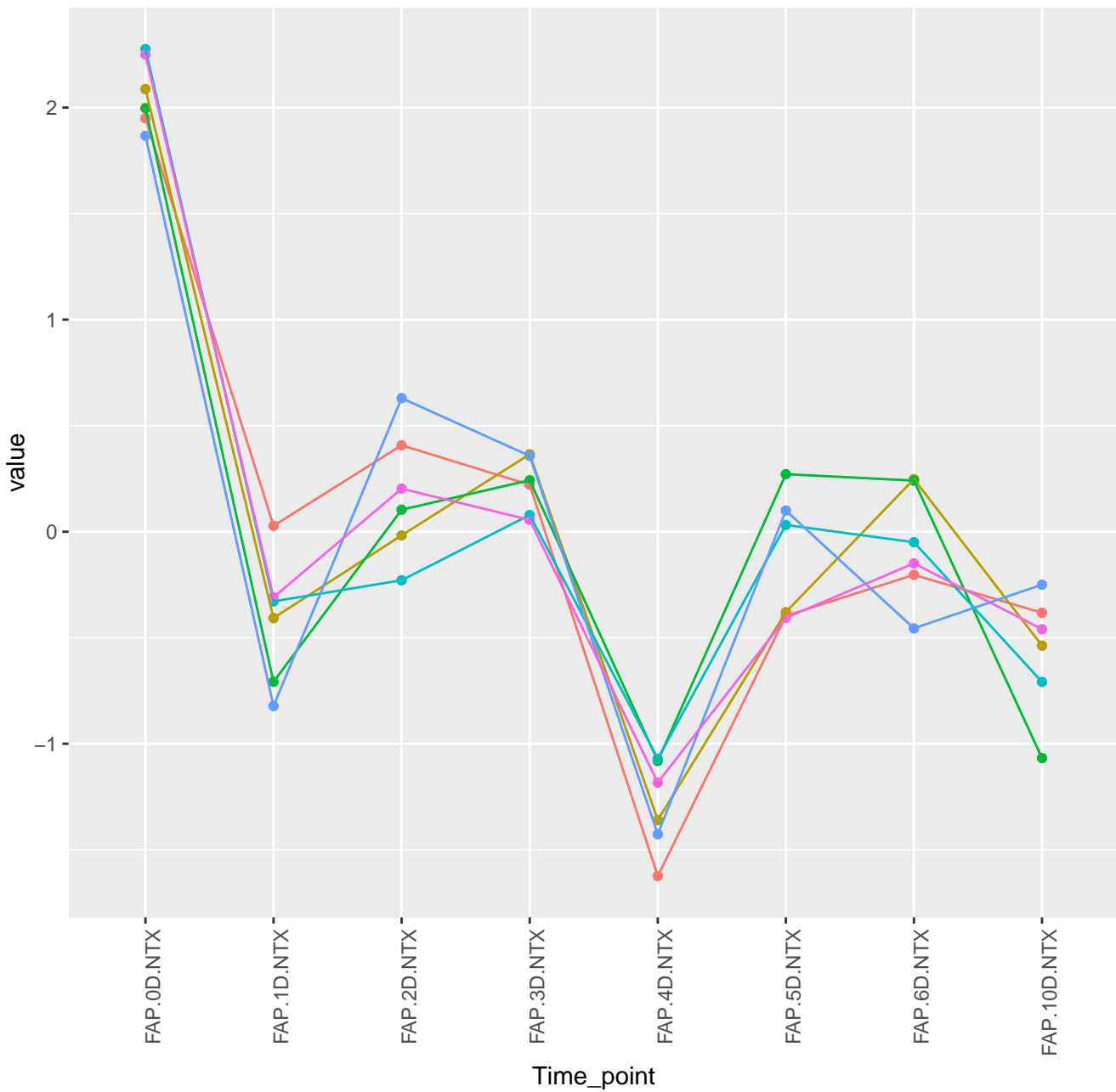
14 genes – cluster 448



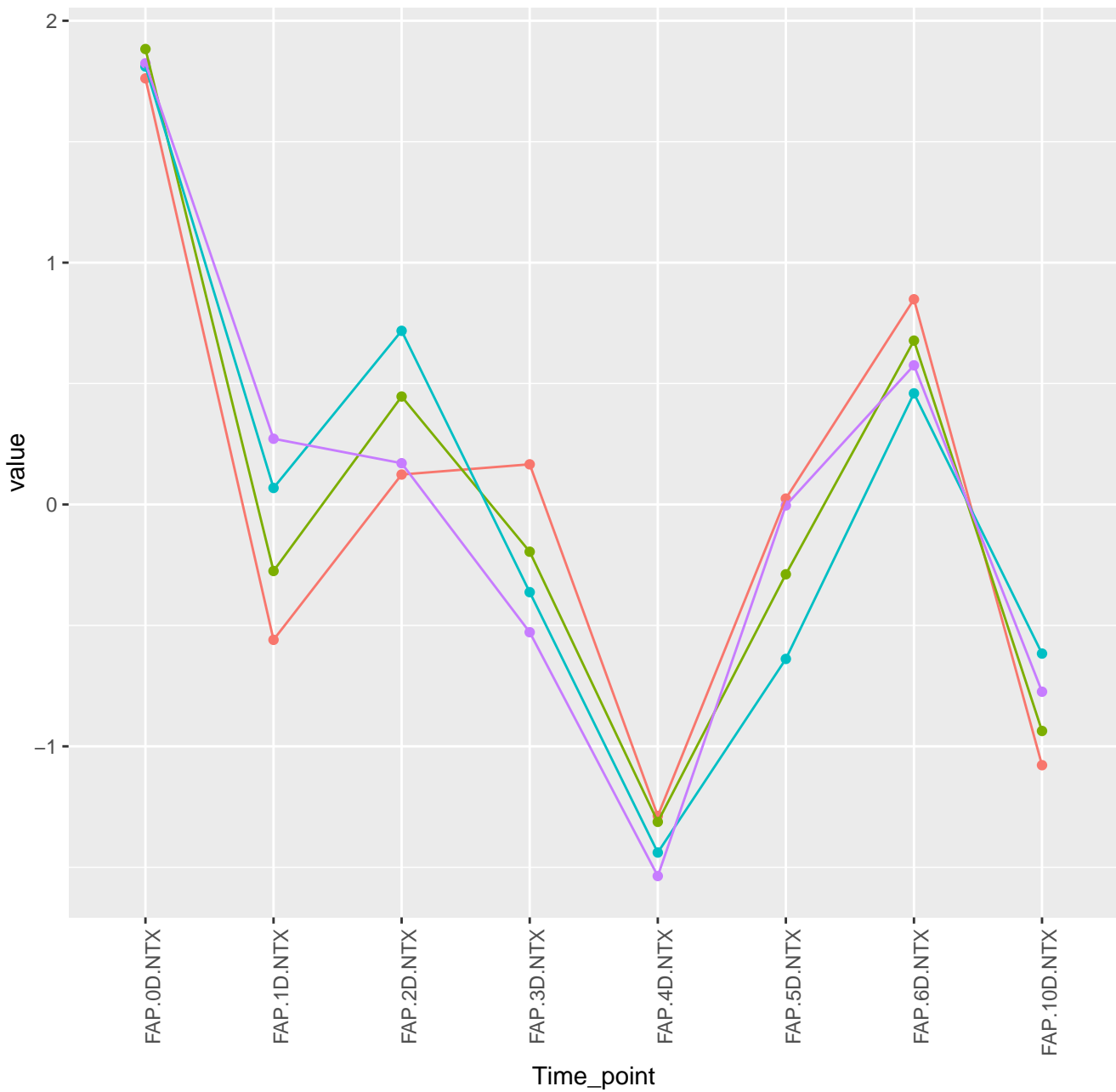
22 genes – cluster 450



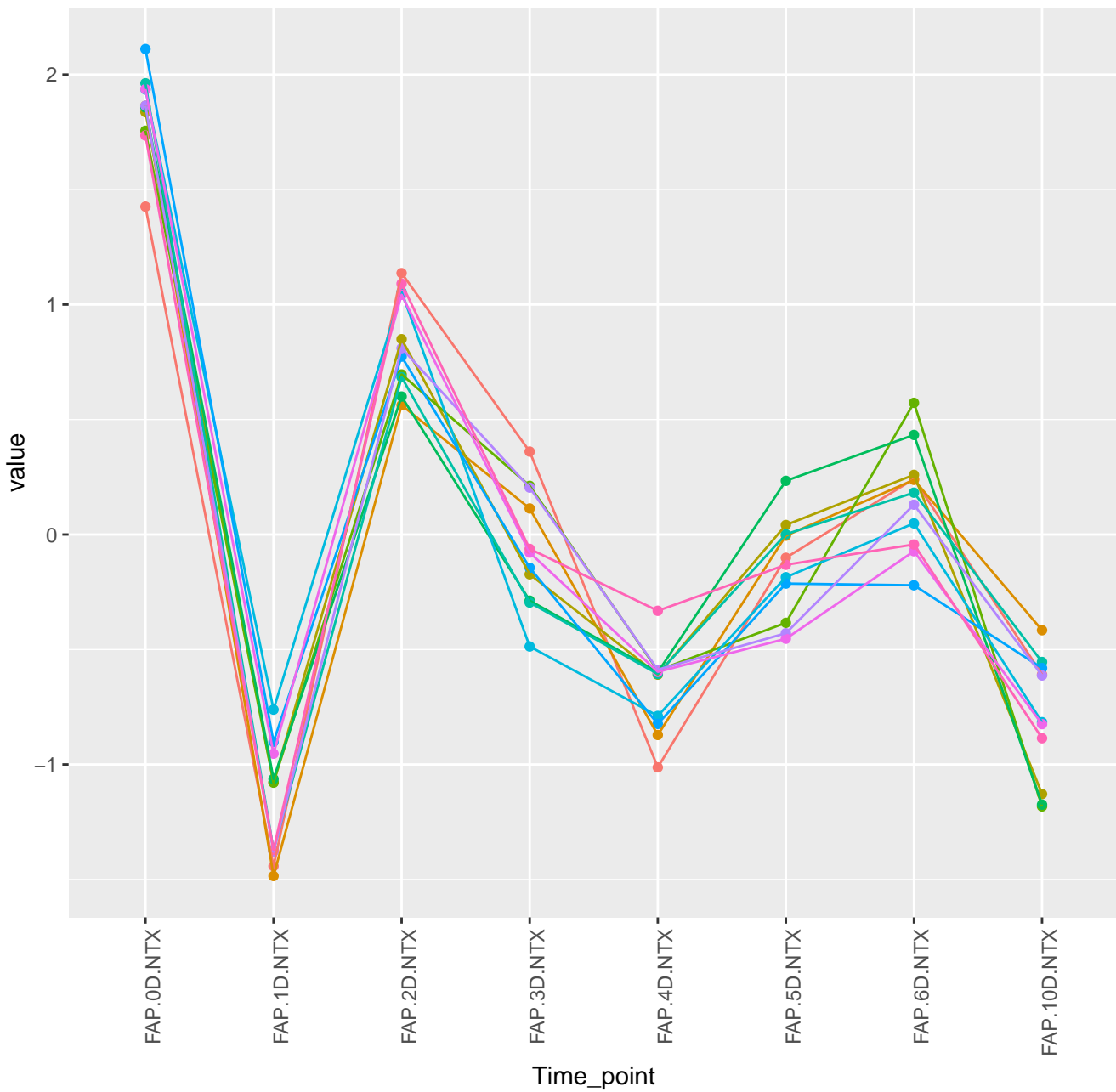
6 genes – cluster 451



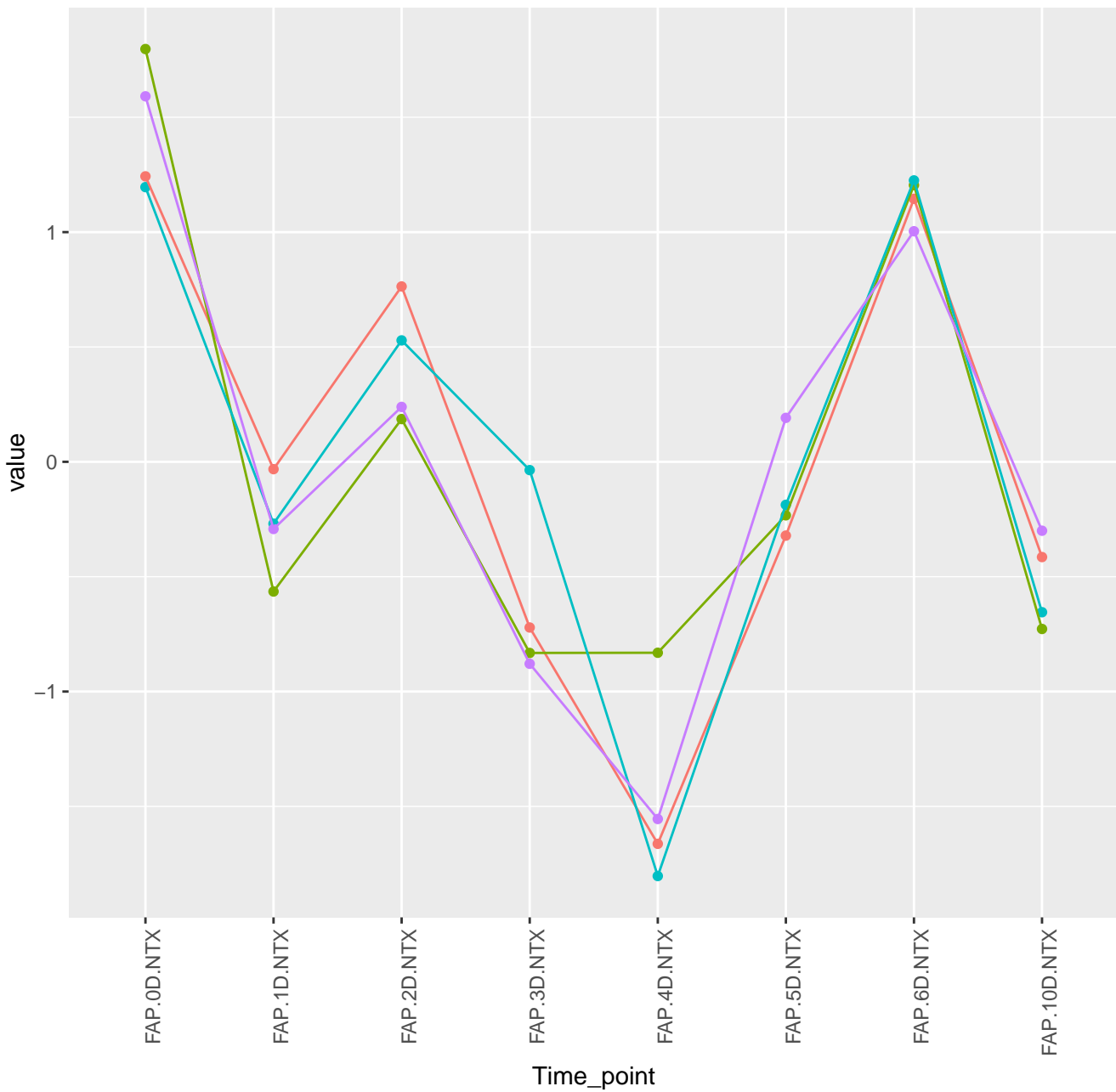
4 genes – cluster 452



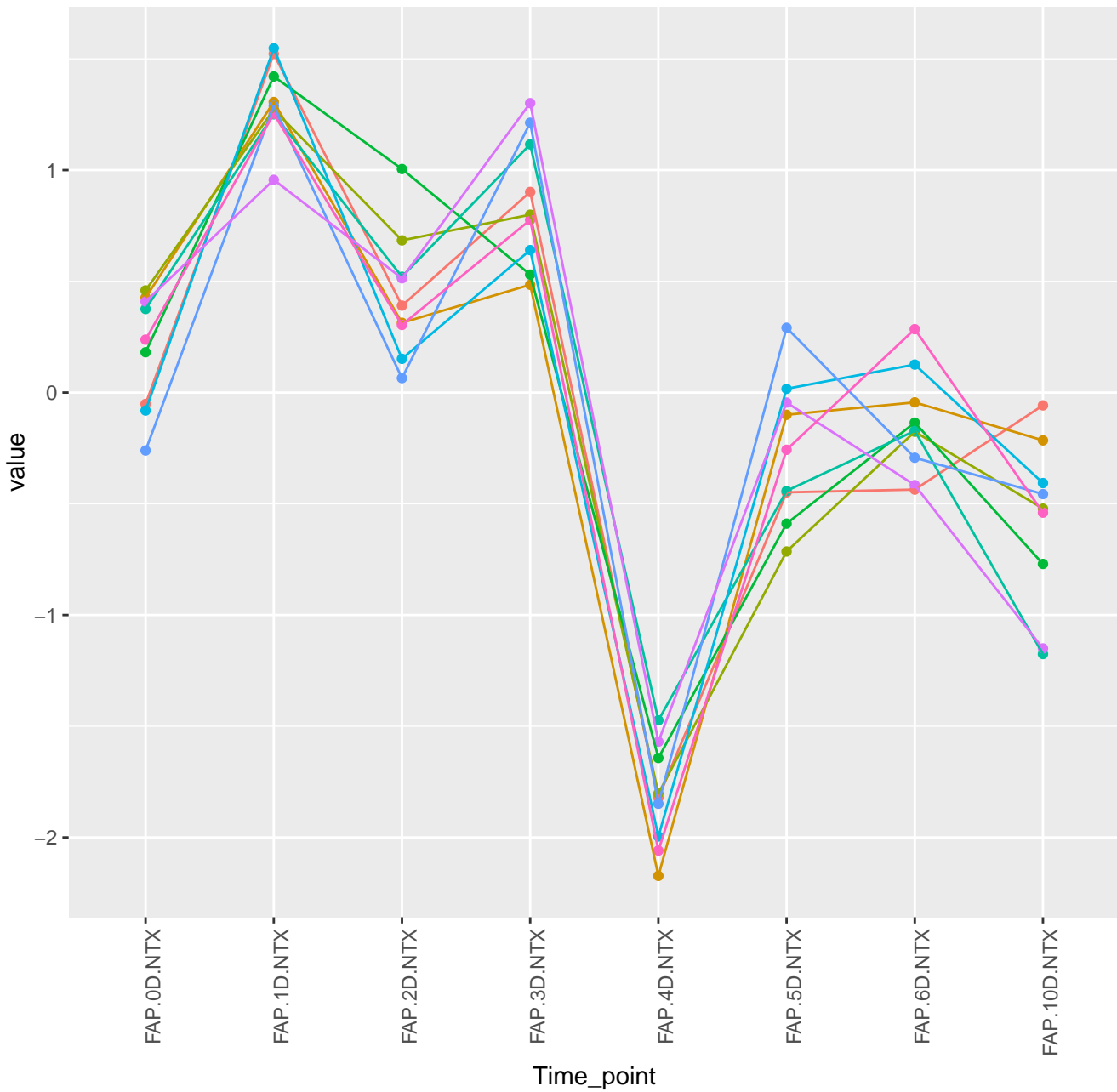
11 genes – cluster 453



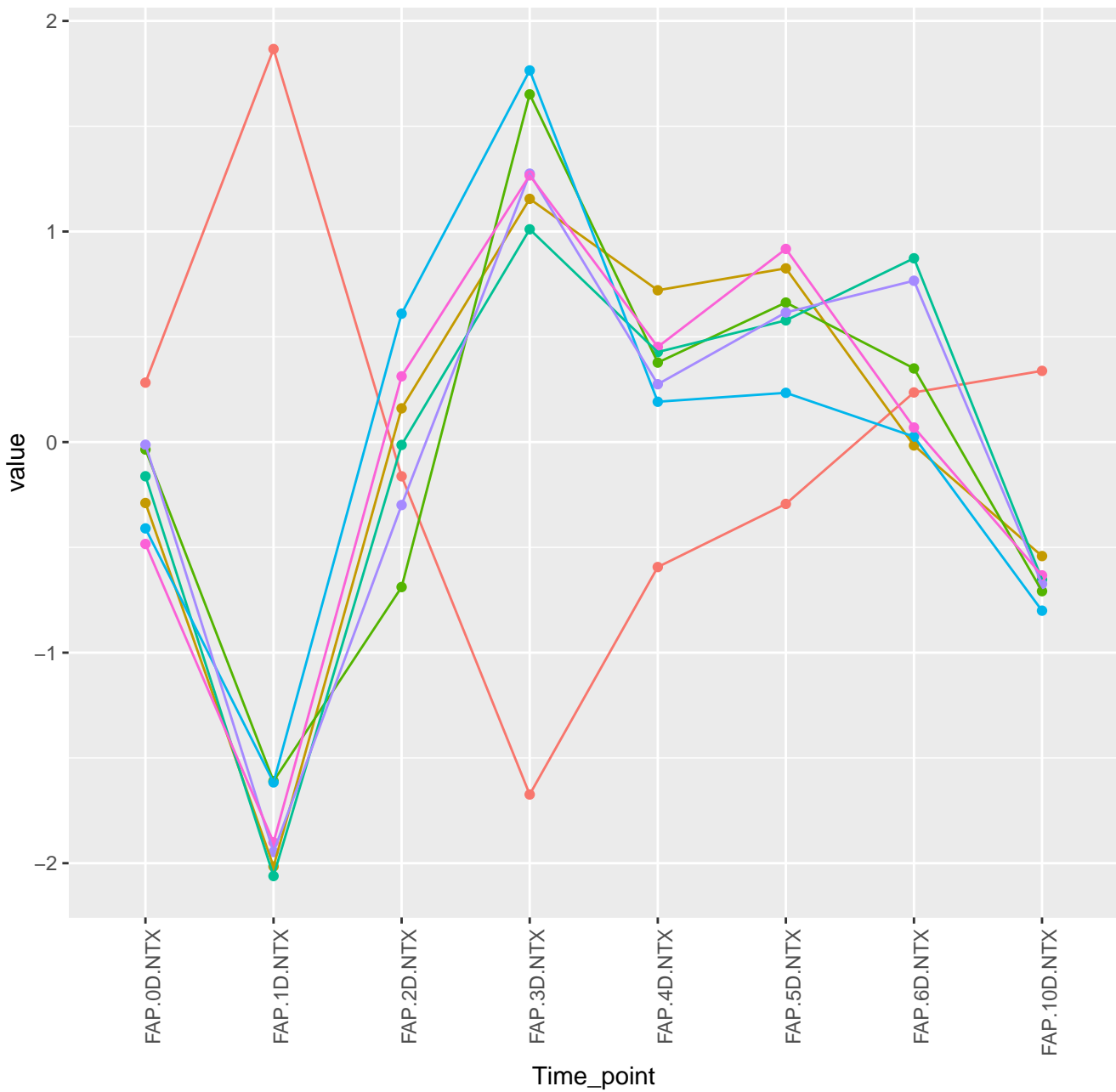
4 genes – cluster 455



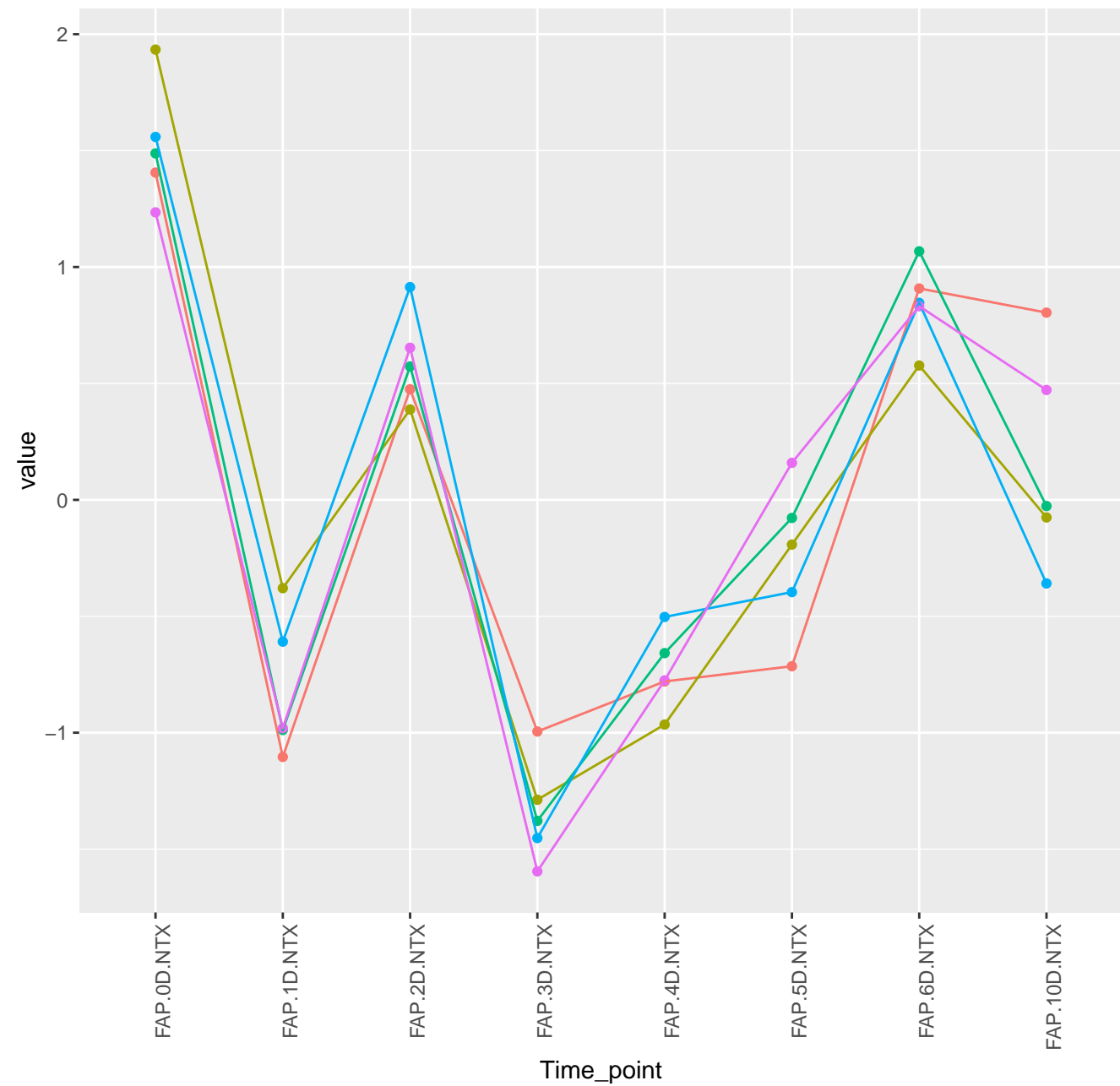
9 genes – cluster 456



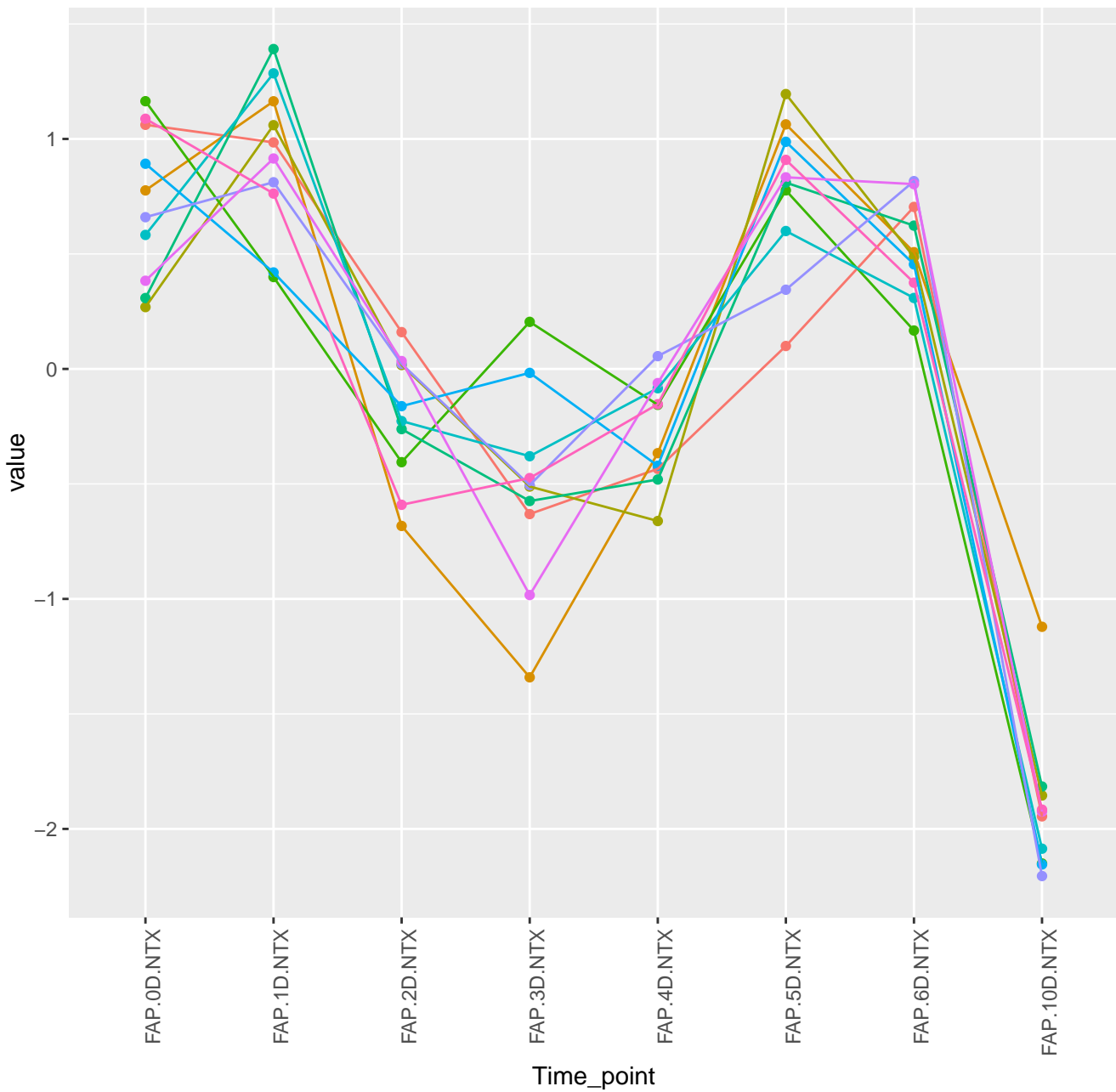
7 genes – cluster 457



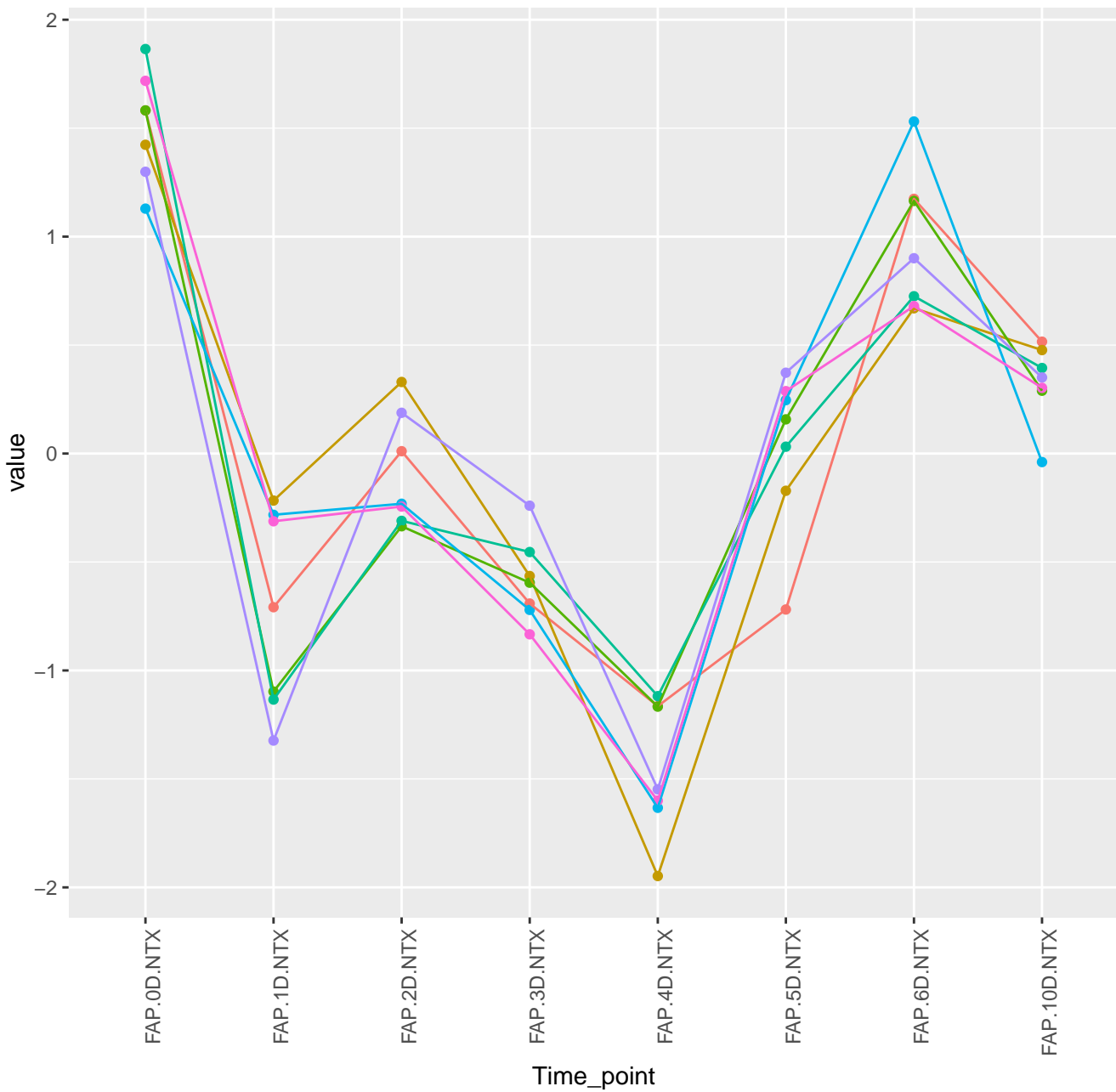
5 genes – cluster 458



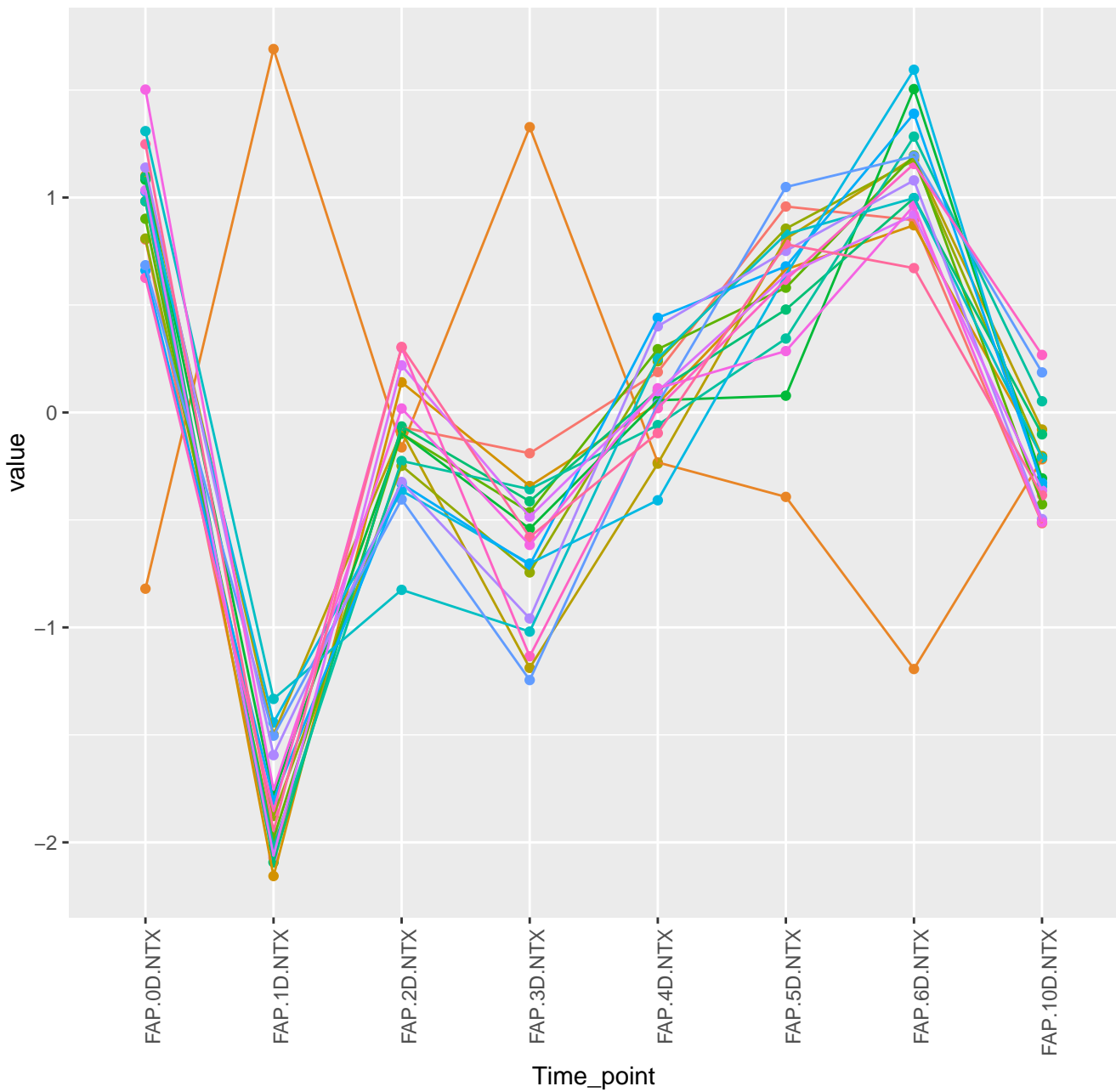
10 genes – cluster 460



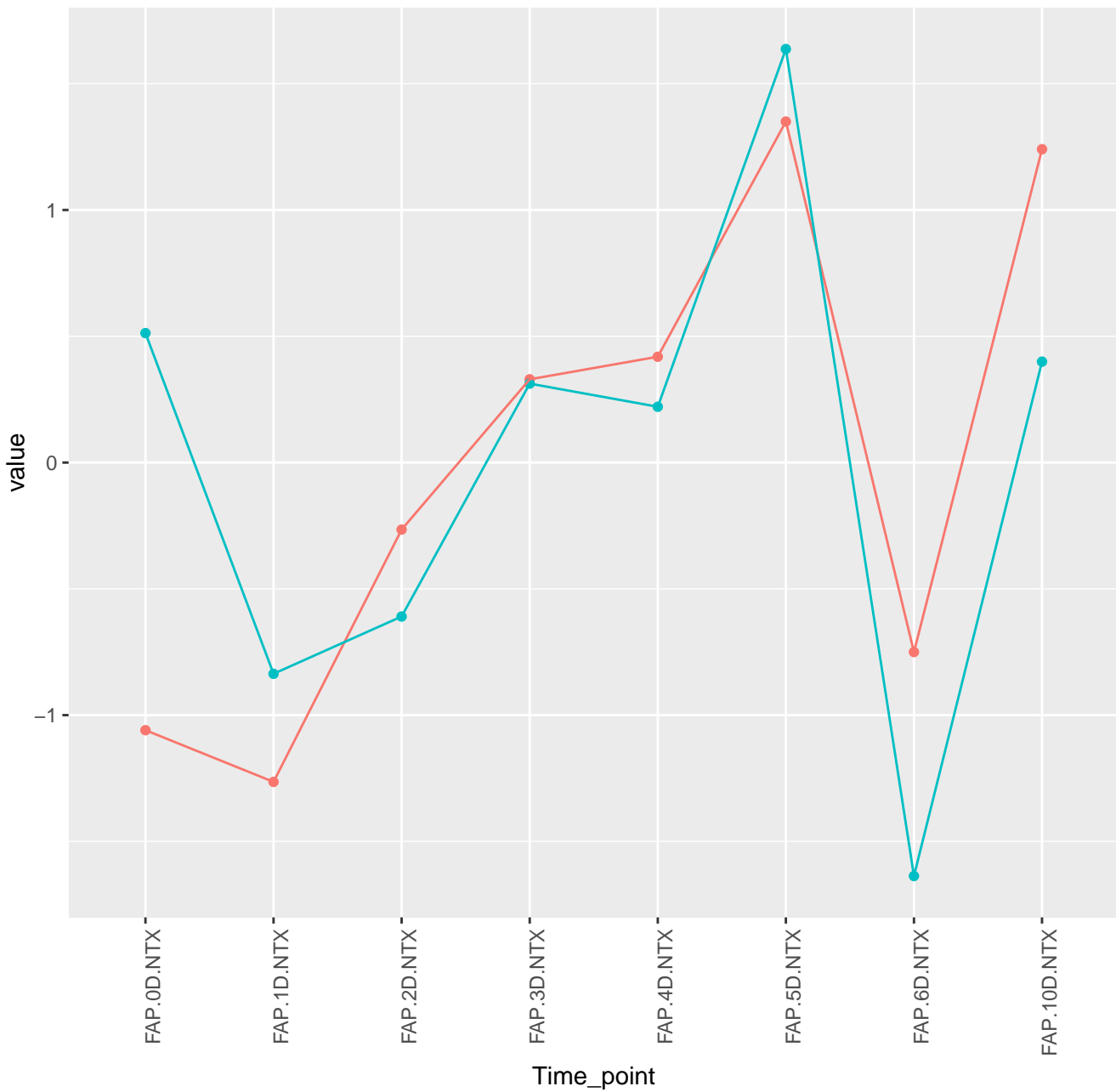
7 genes – cluster 461



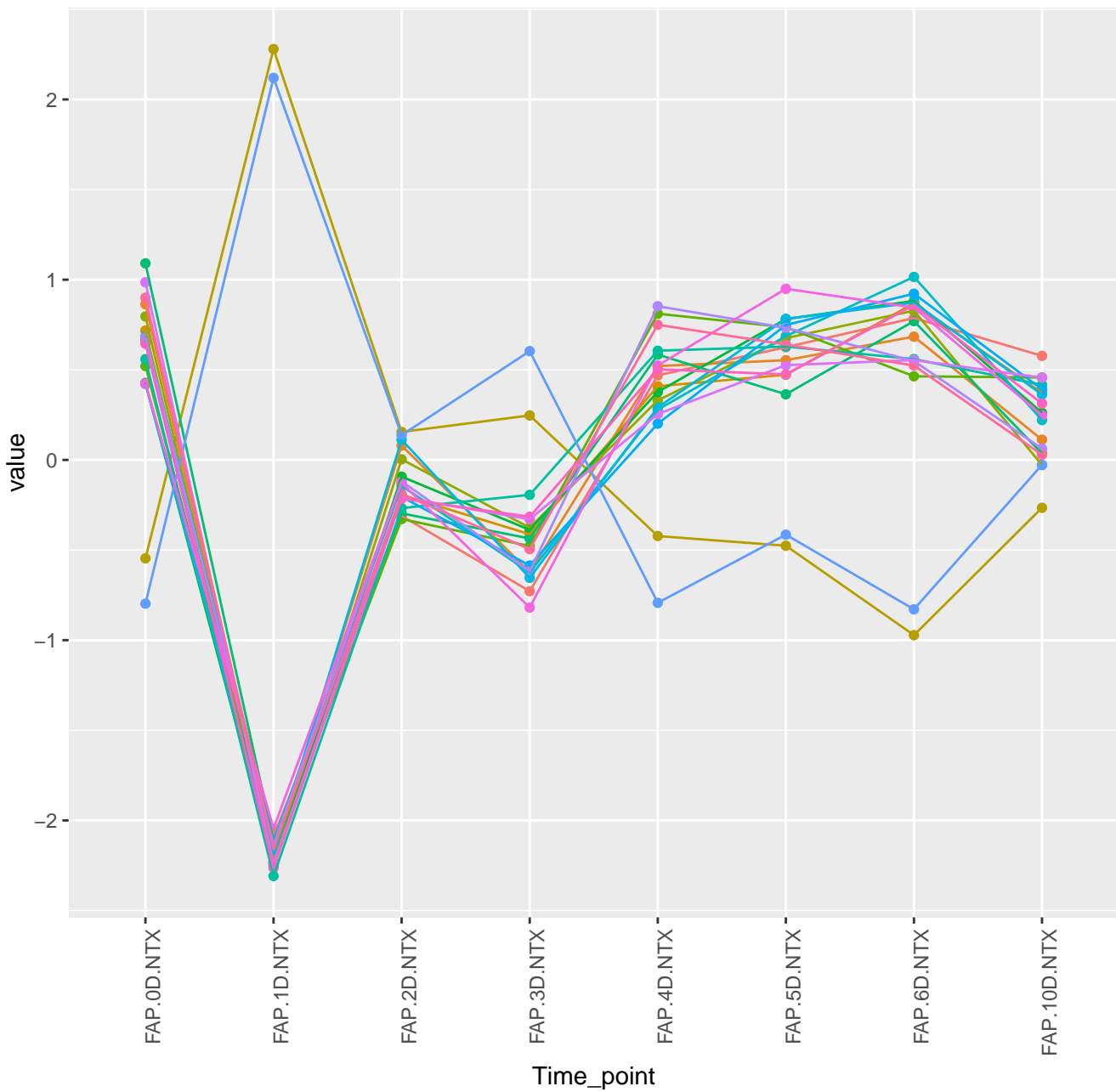
18 genes – cluster 462



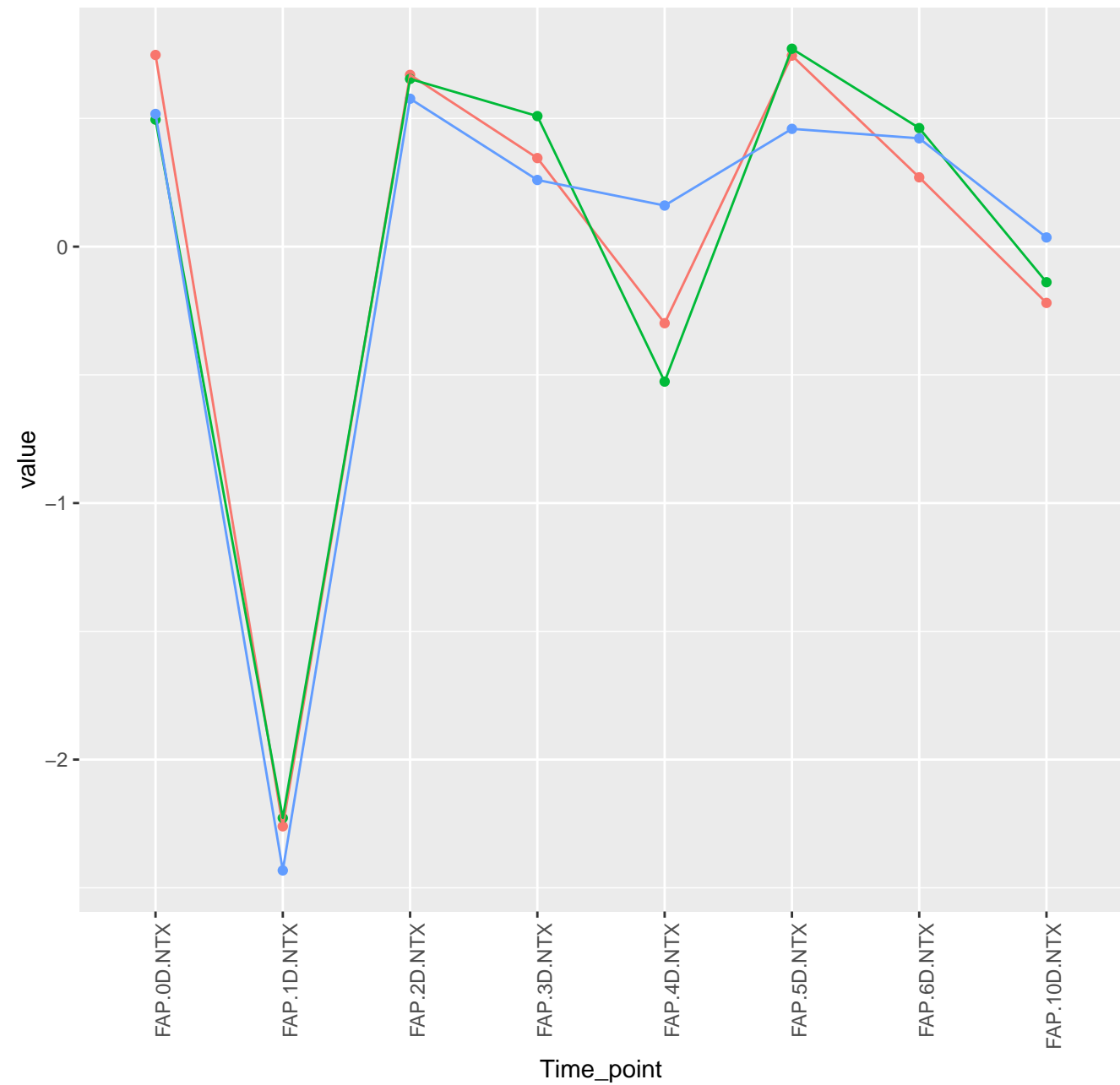
2 genes – cluster 463



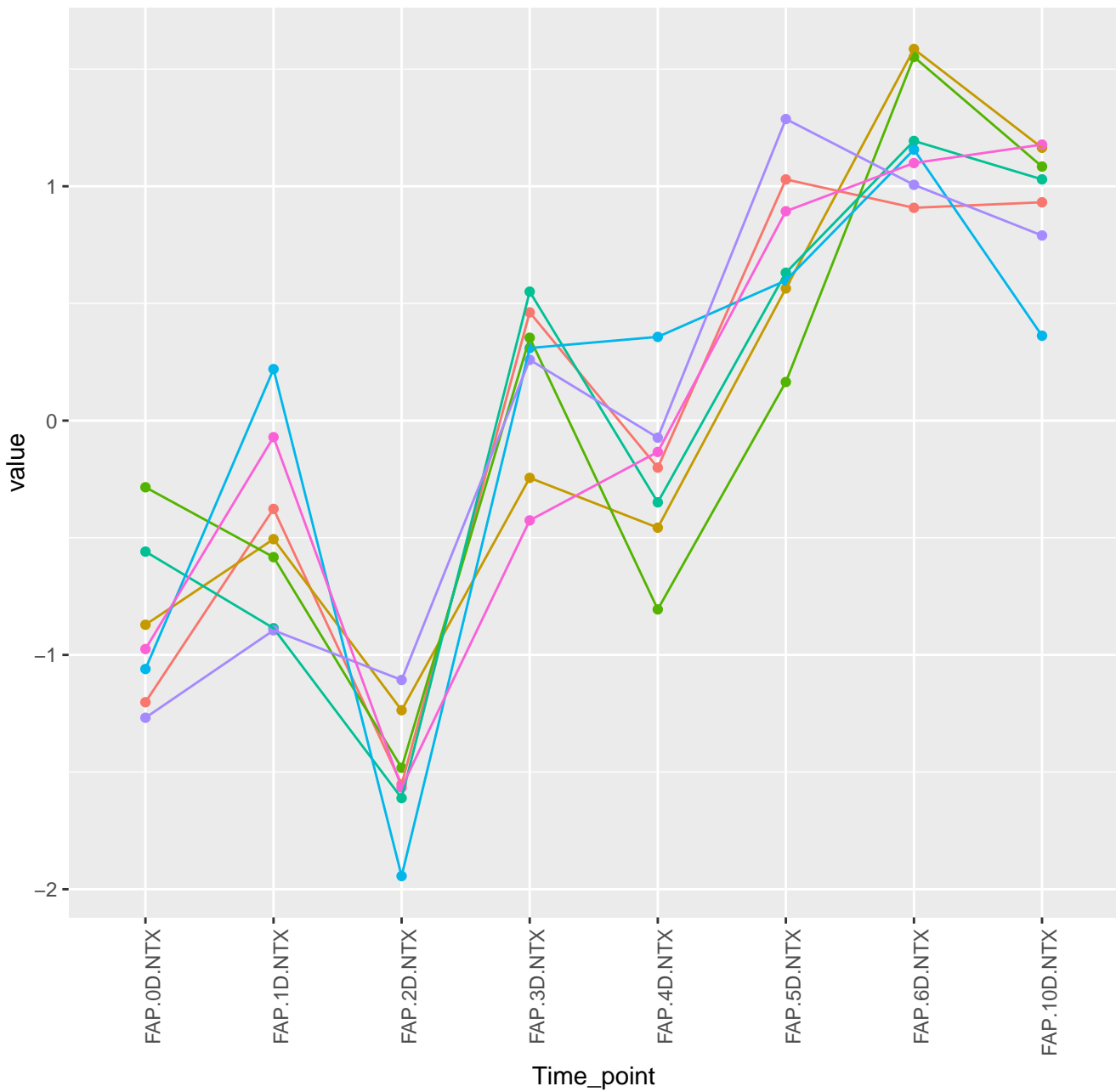
18 genes – cluster 464



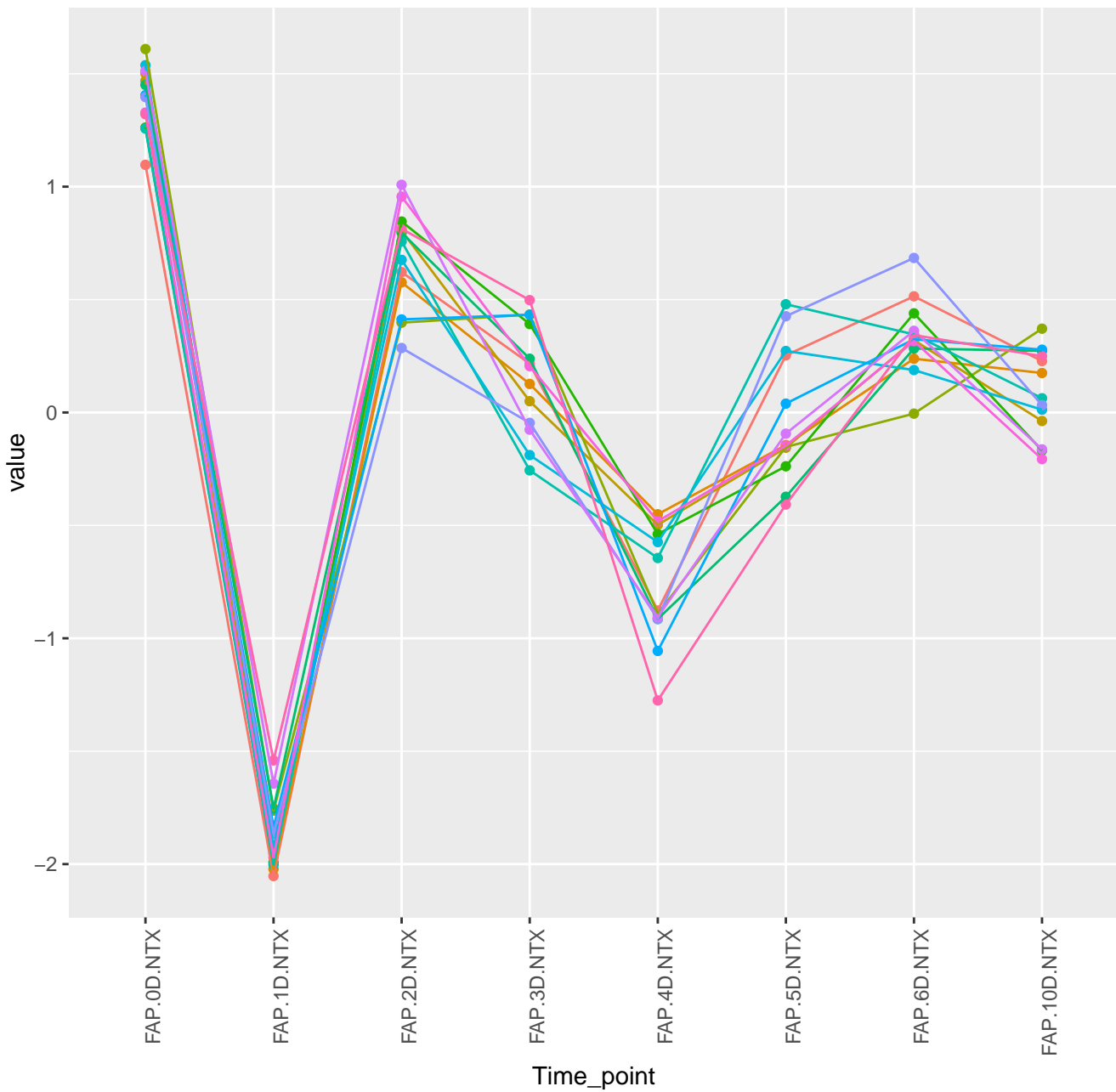
3 genes – cluster 466



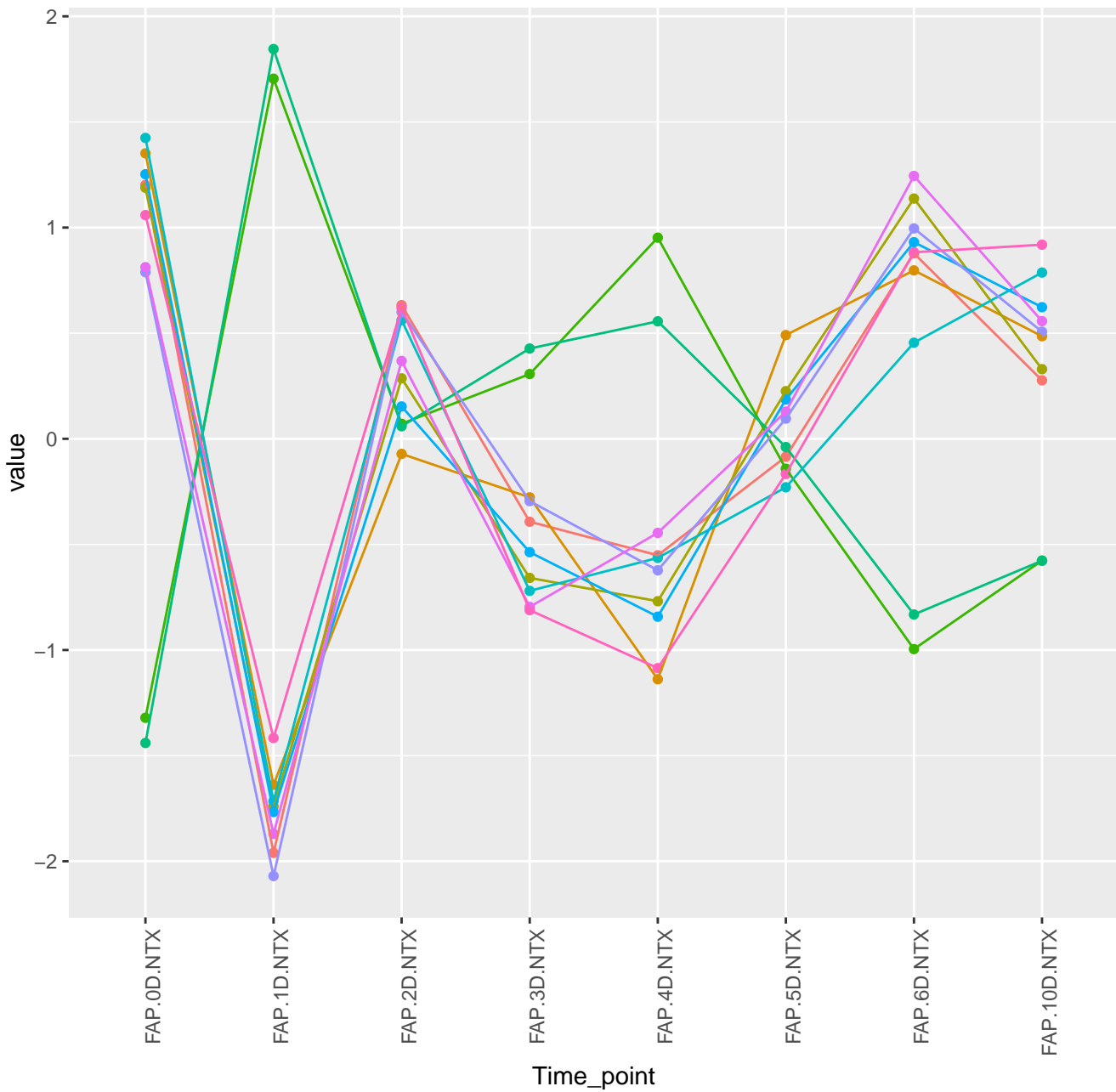
7 genes – cluster 467



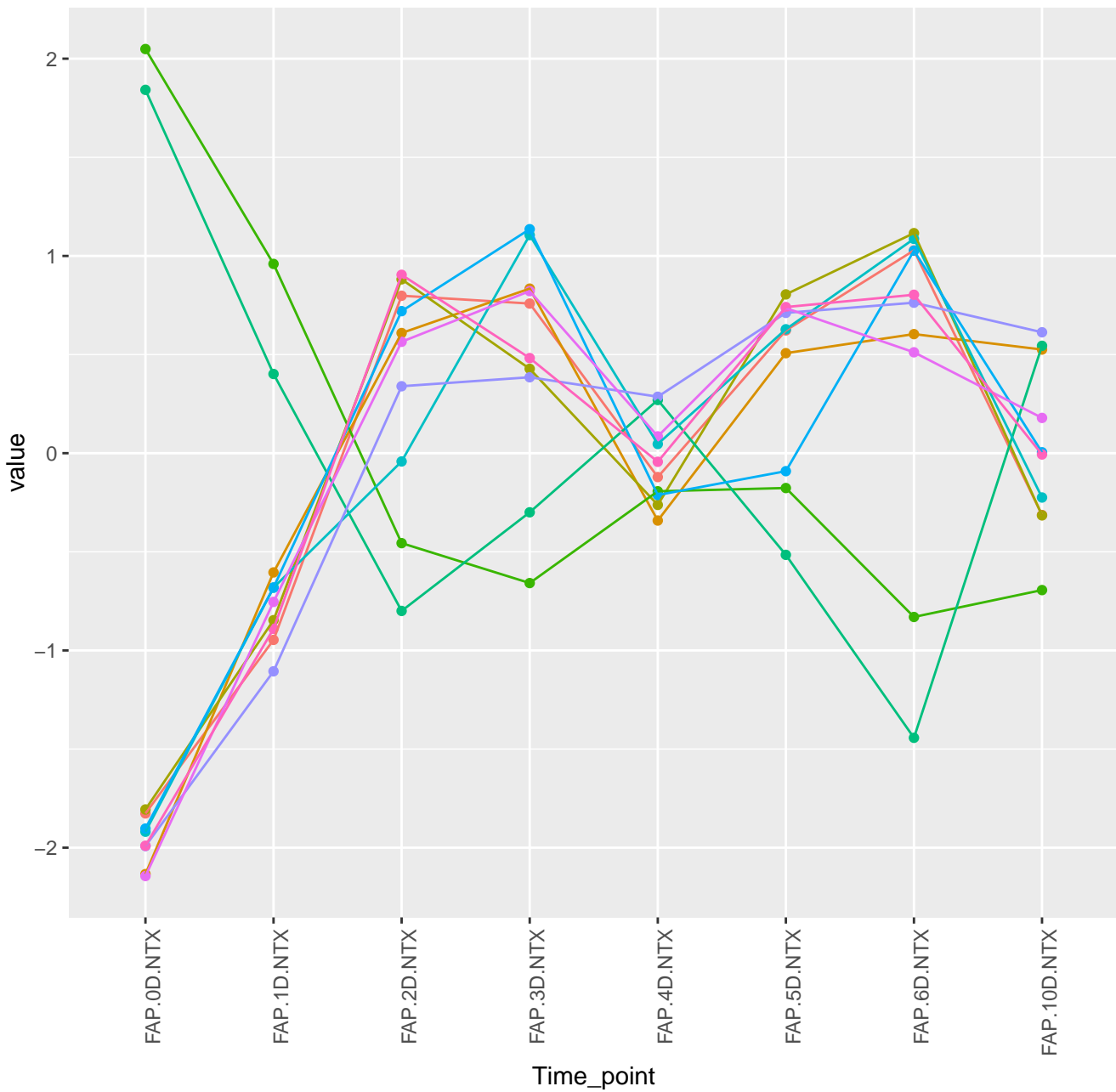
13 genes – cluster 468



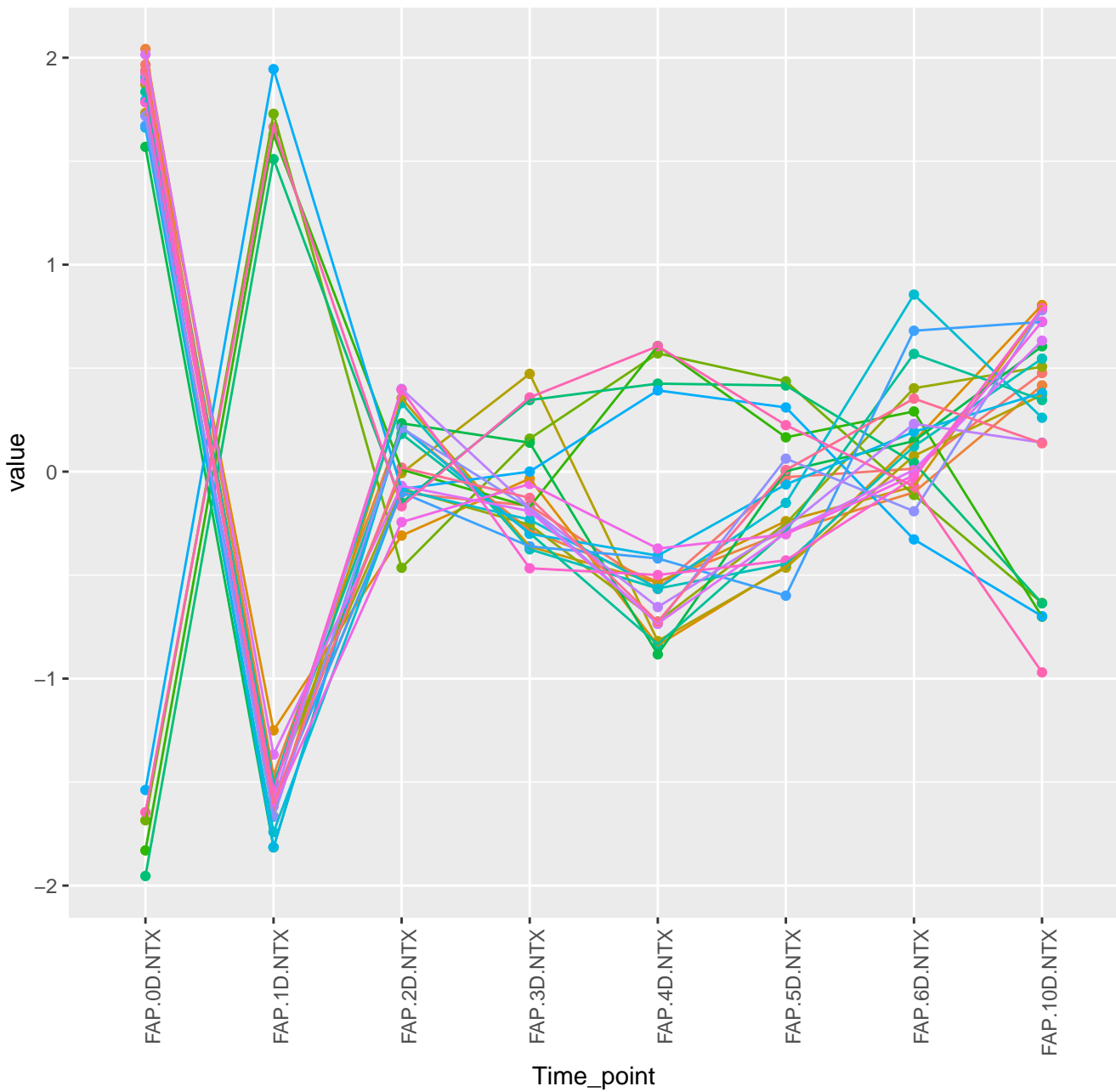
10 genes – cluster 470



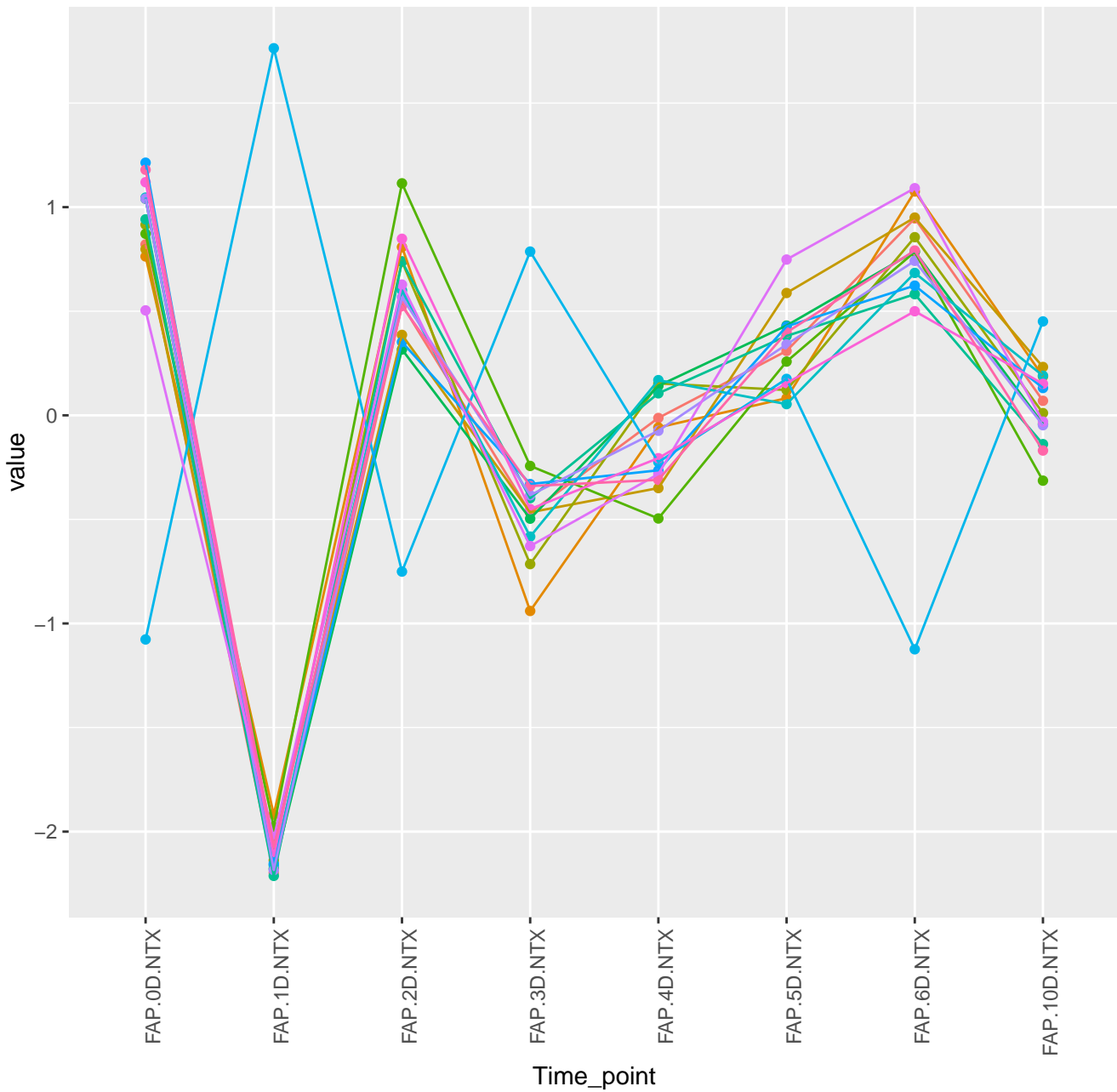
10 genes – cluster 471



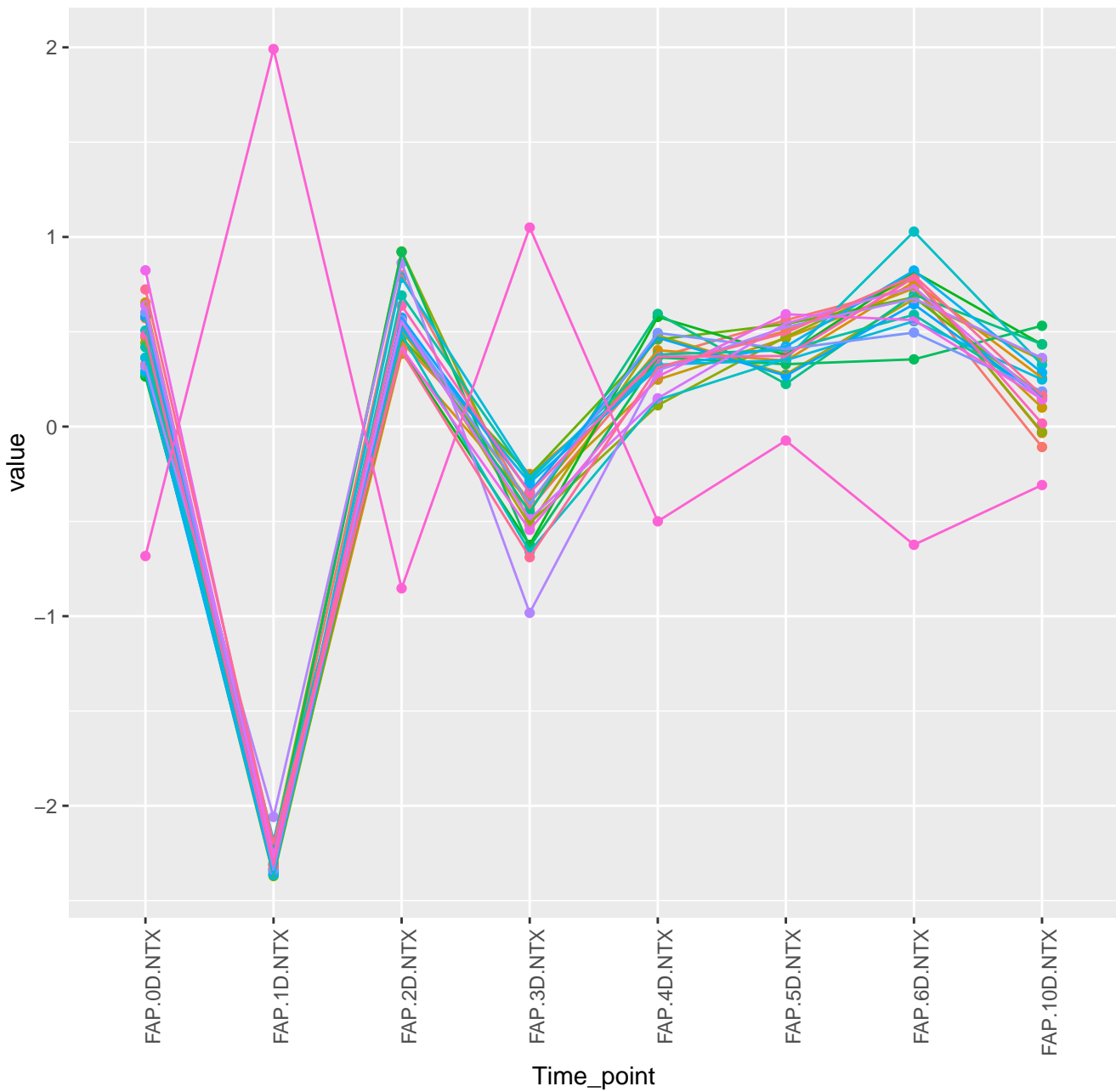
23 genes – cluster 472



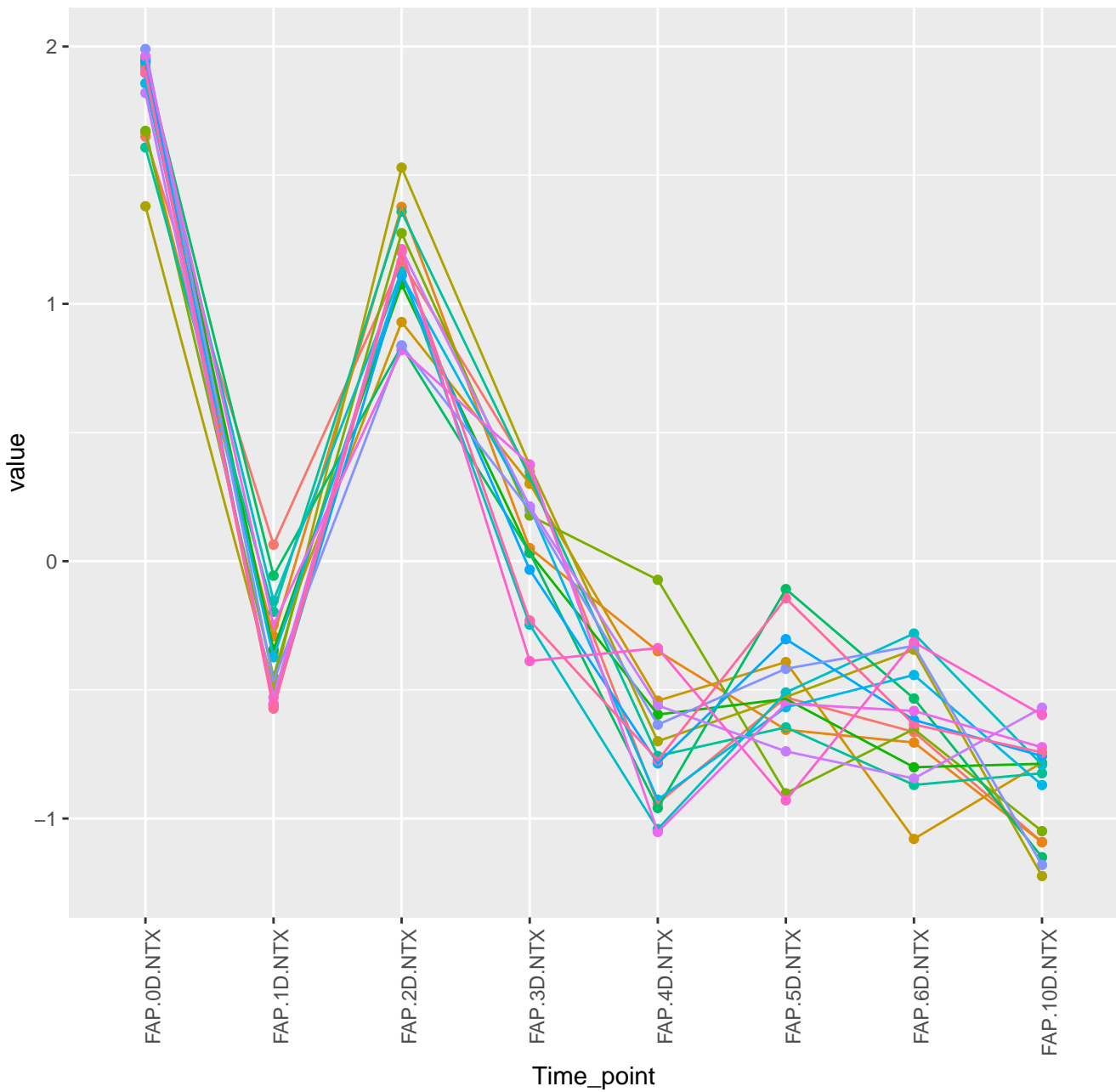
14 genes – cluster 474



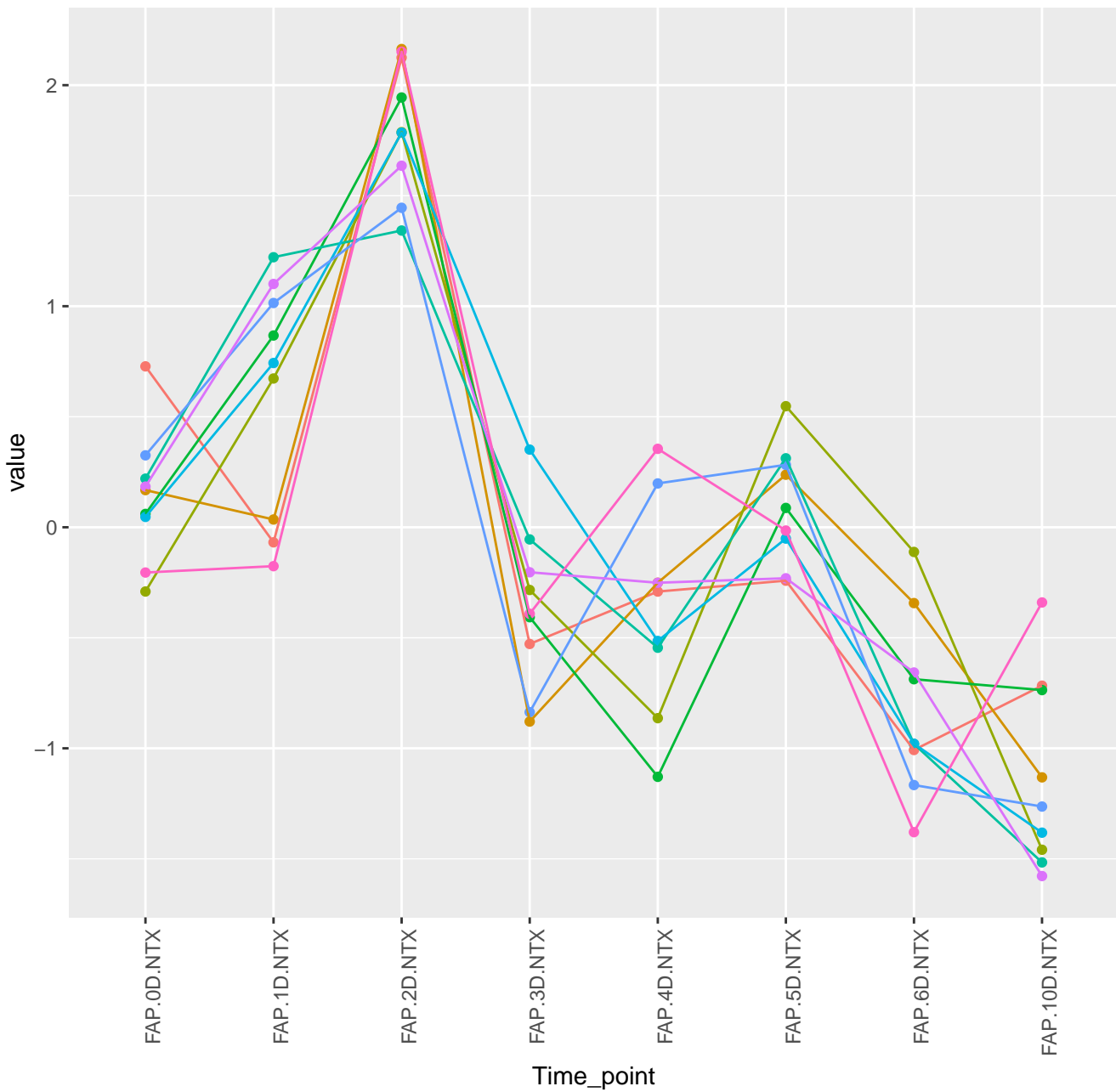
22 genes – cluster 476



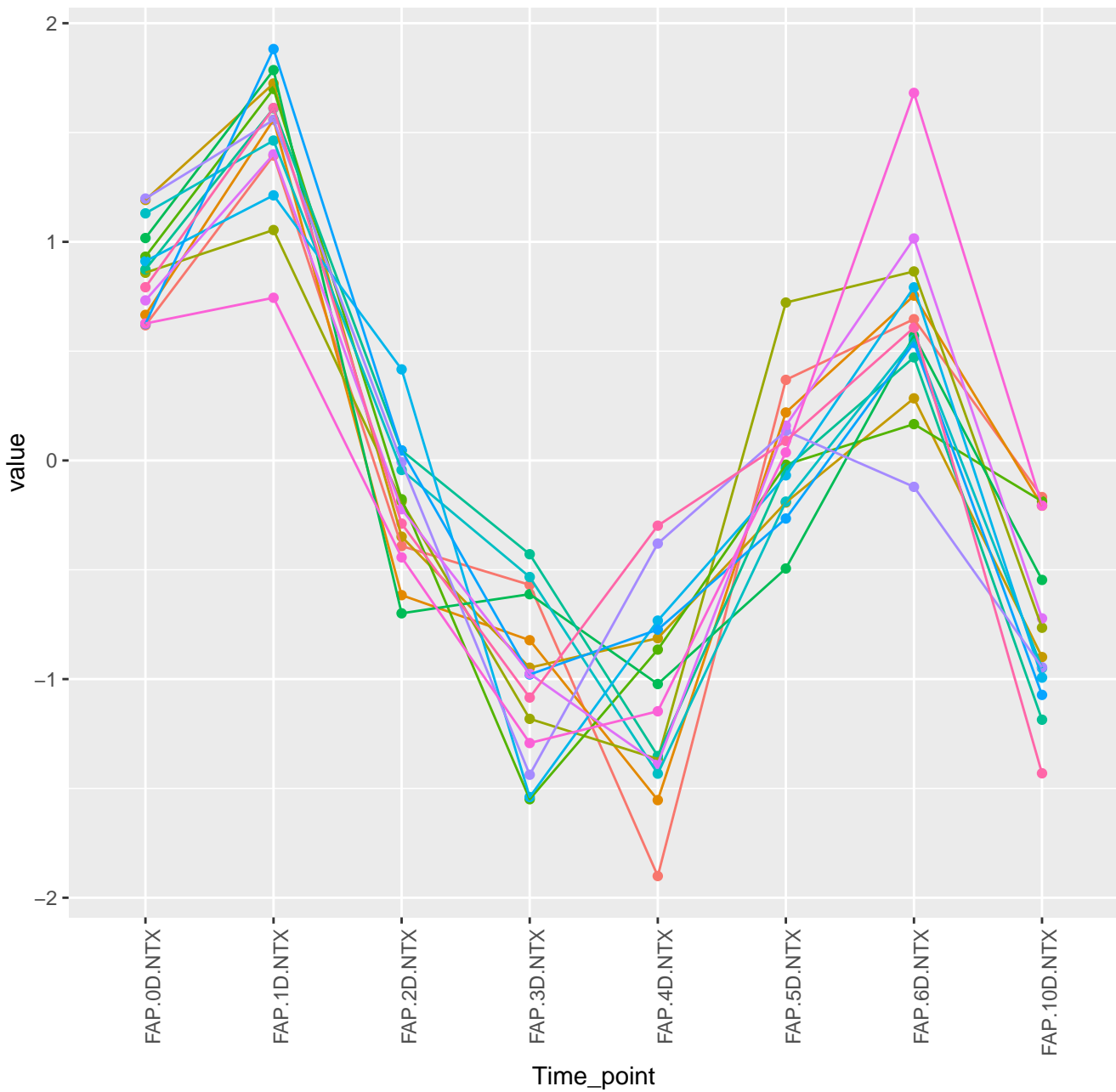
16 genes – cluster 477



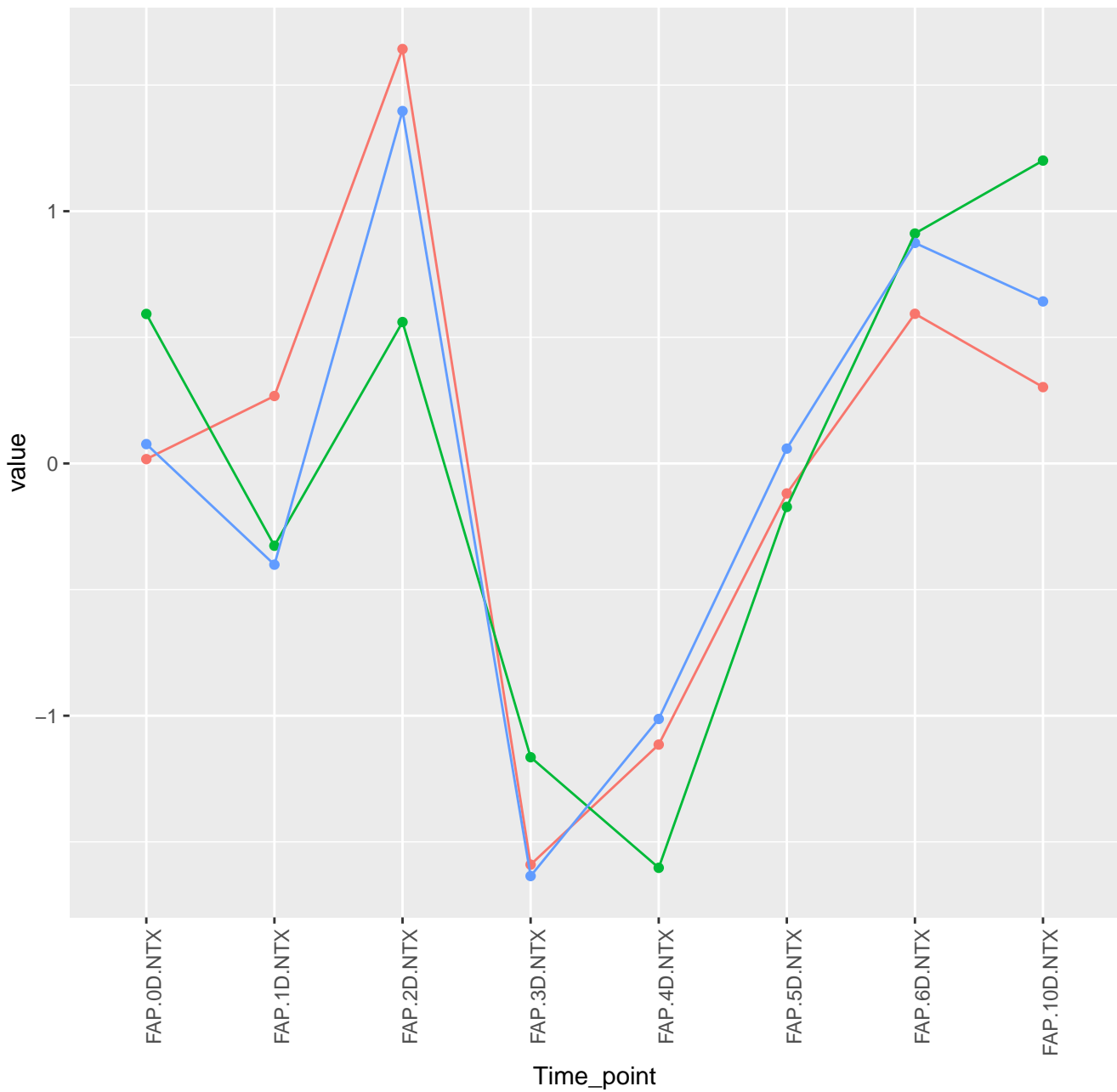
9 genes – cluster 478



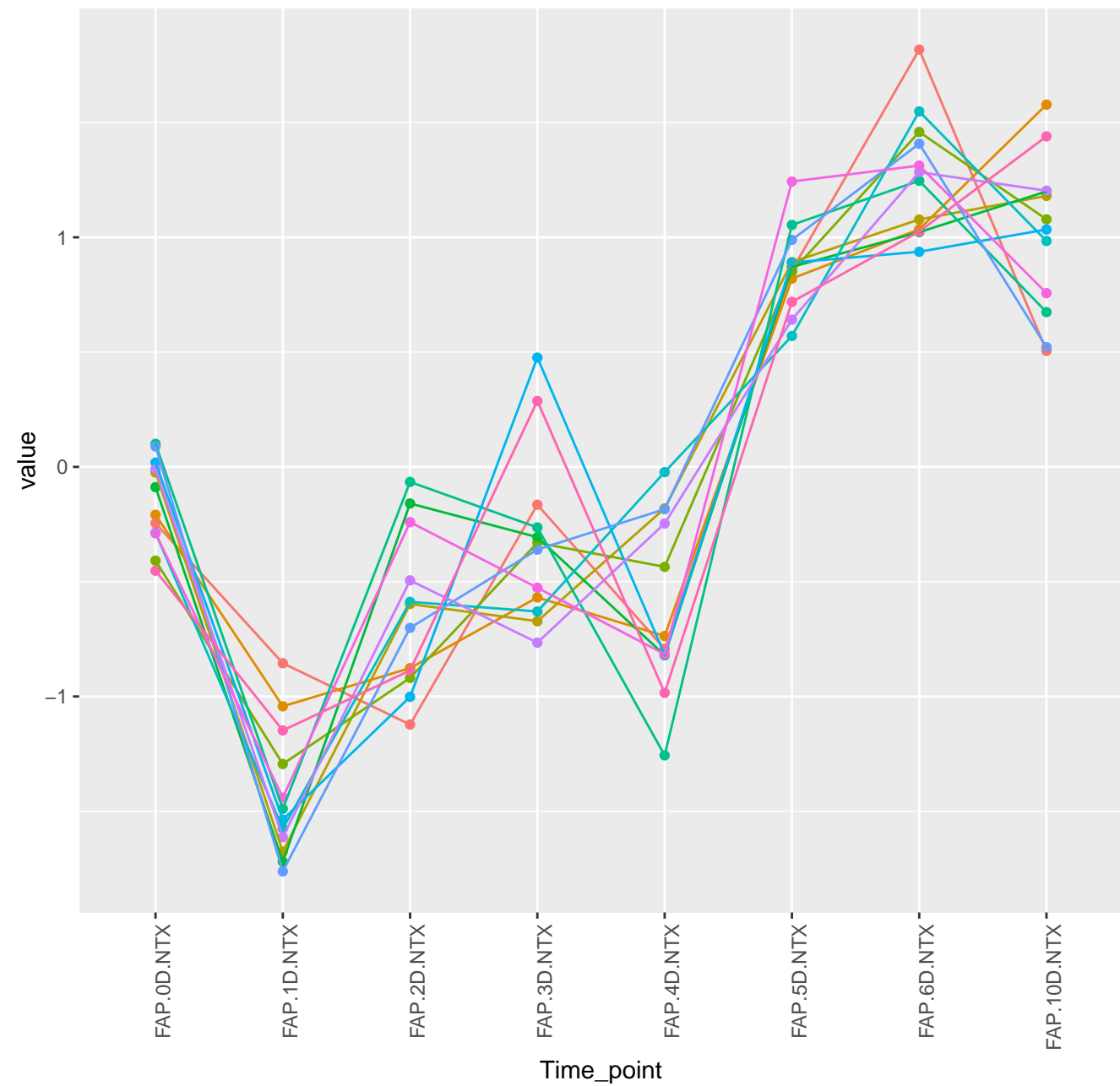
14 genes – cluster 479



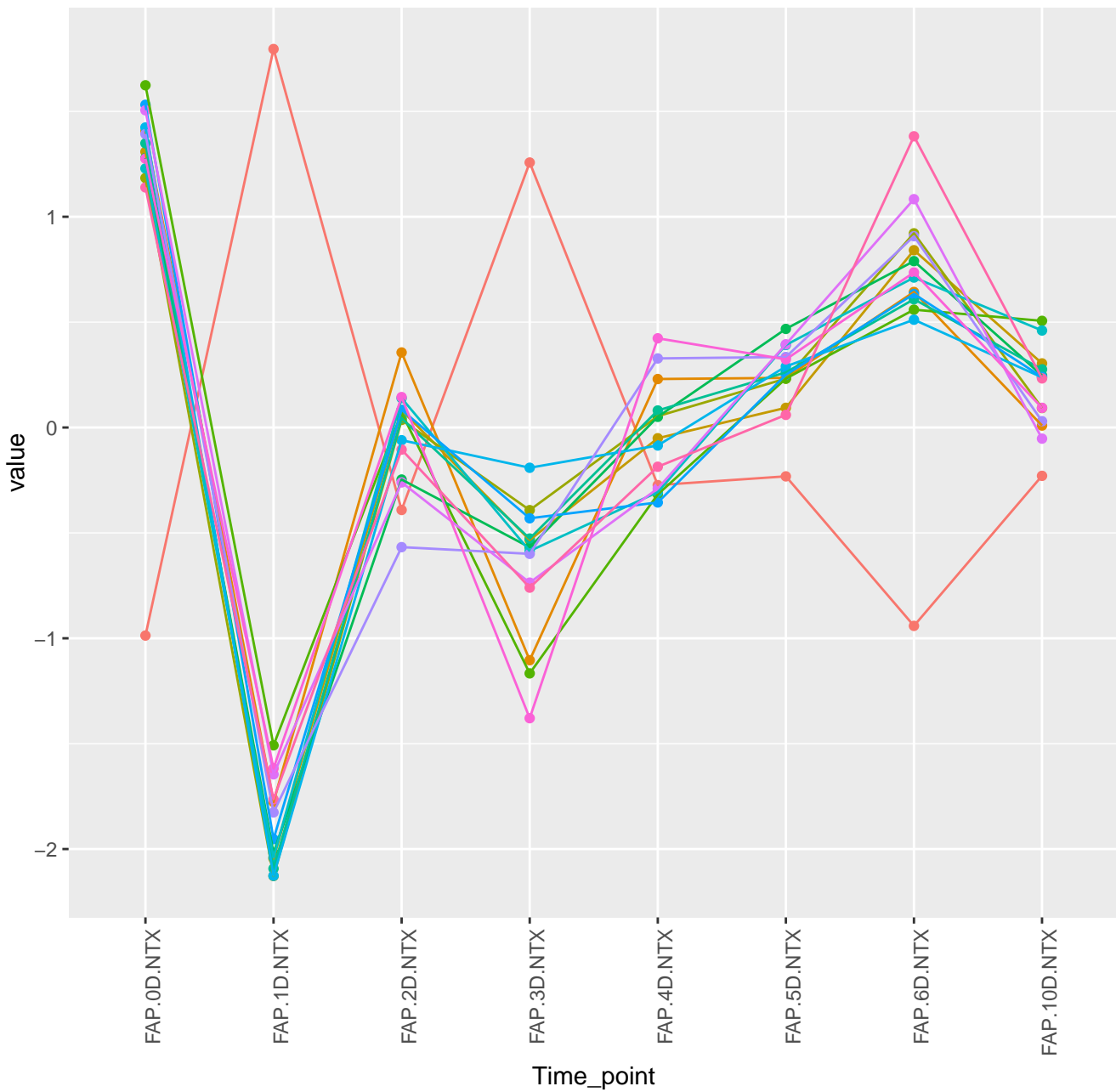
3 genes – cluster 480



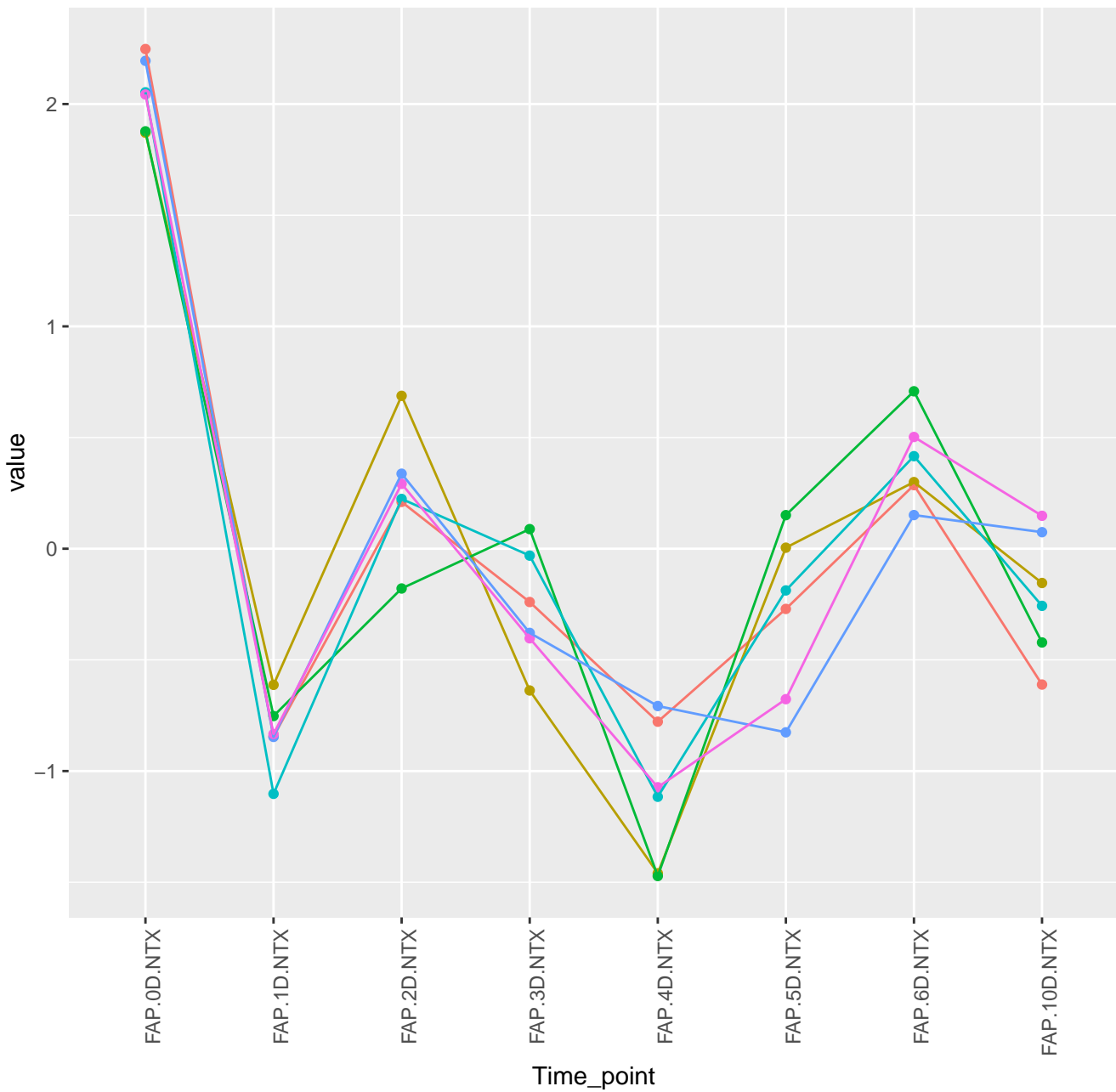
12 genes – cluster 481



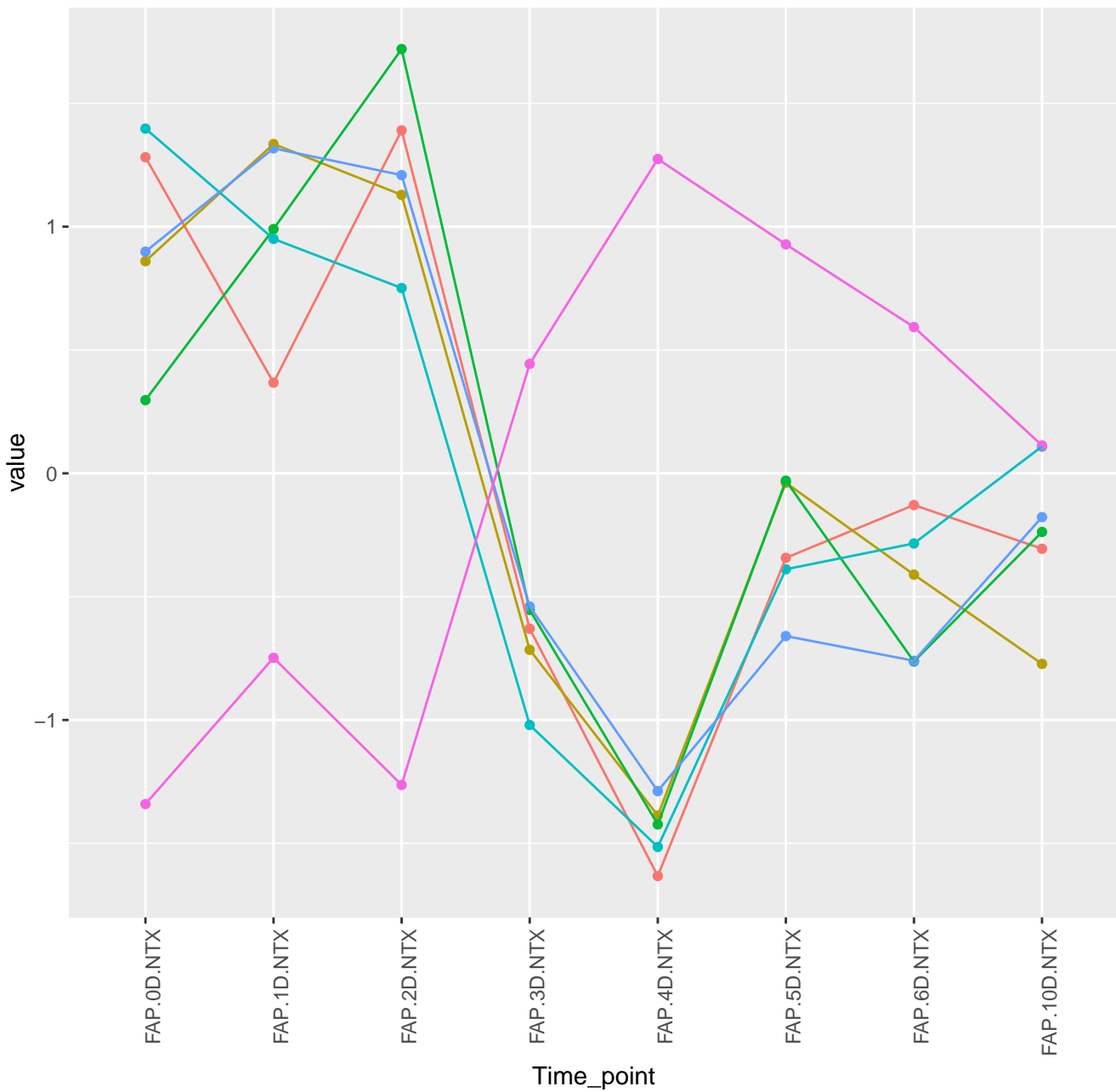
14 genes – cluster 482



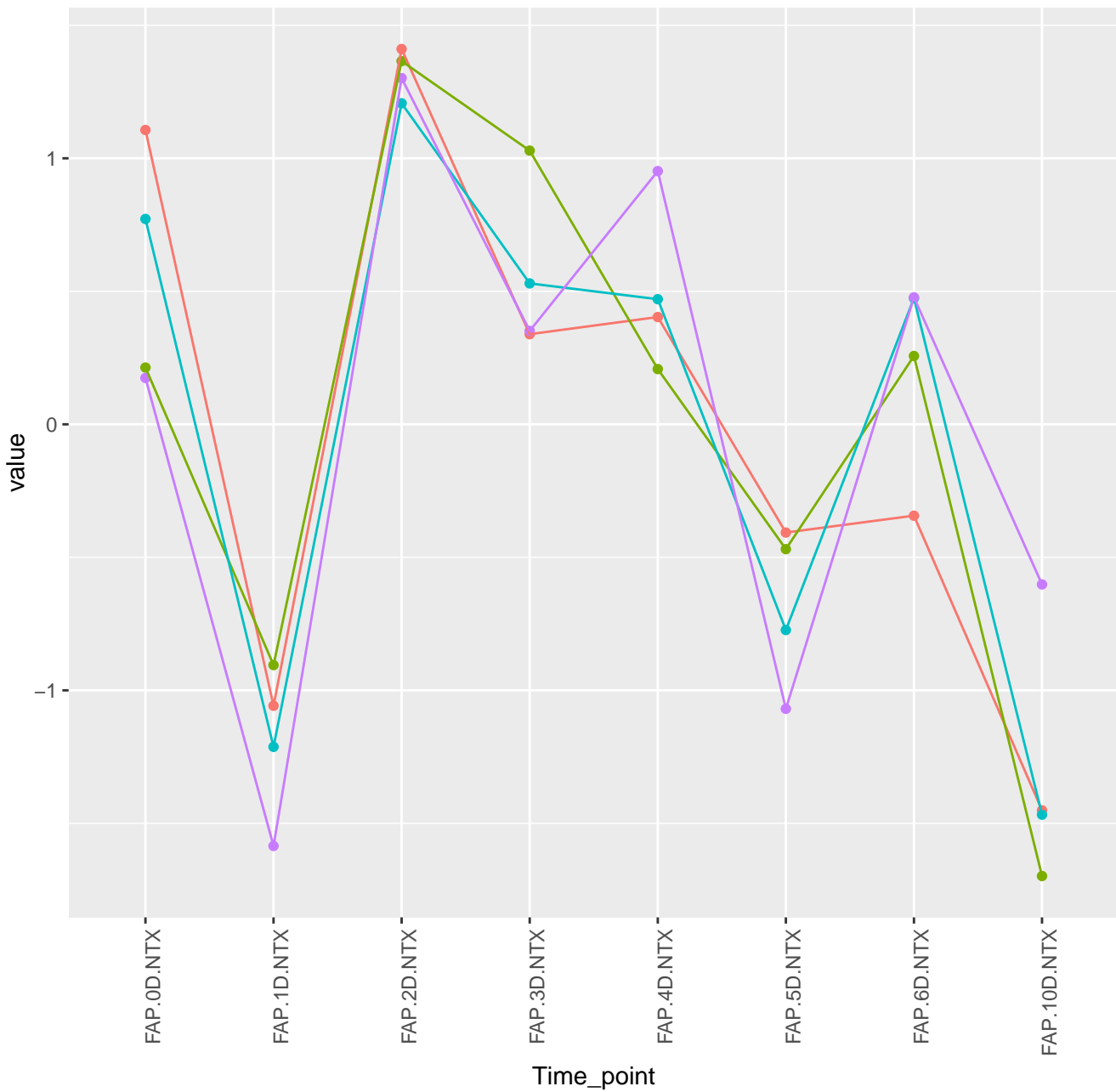
6 genes – cluster 483



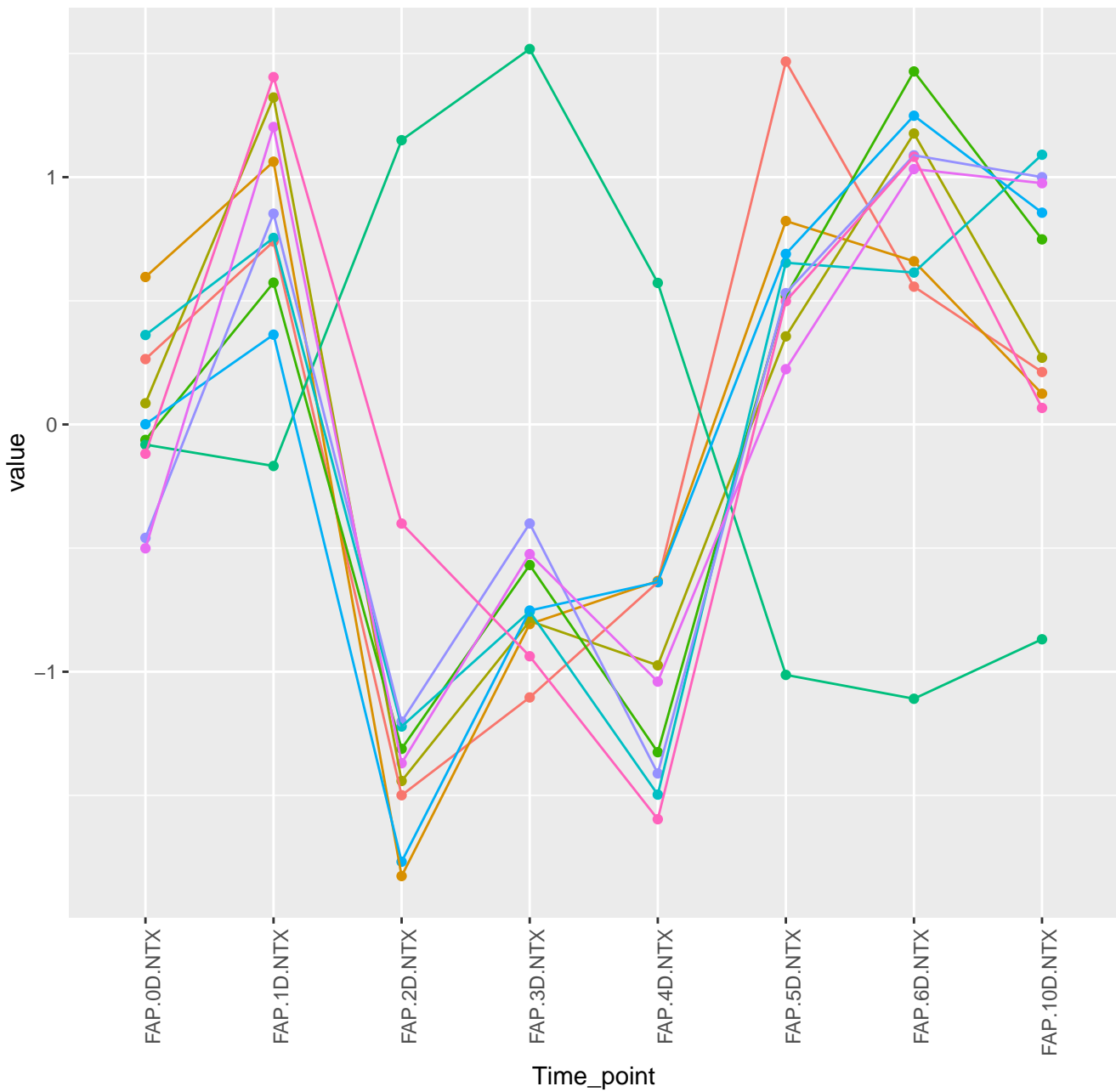
6 genes – cluster 486



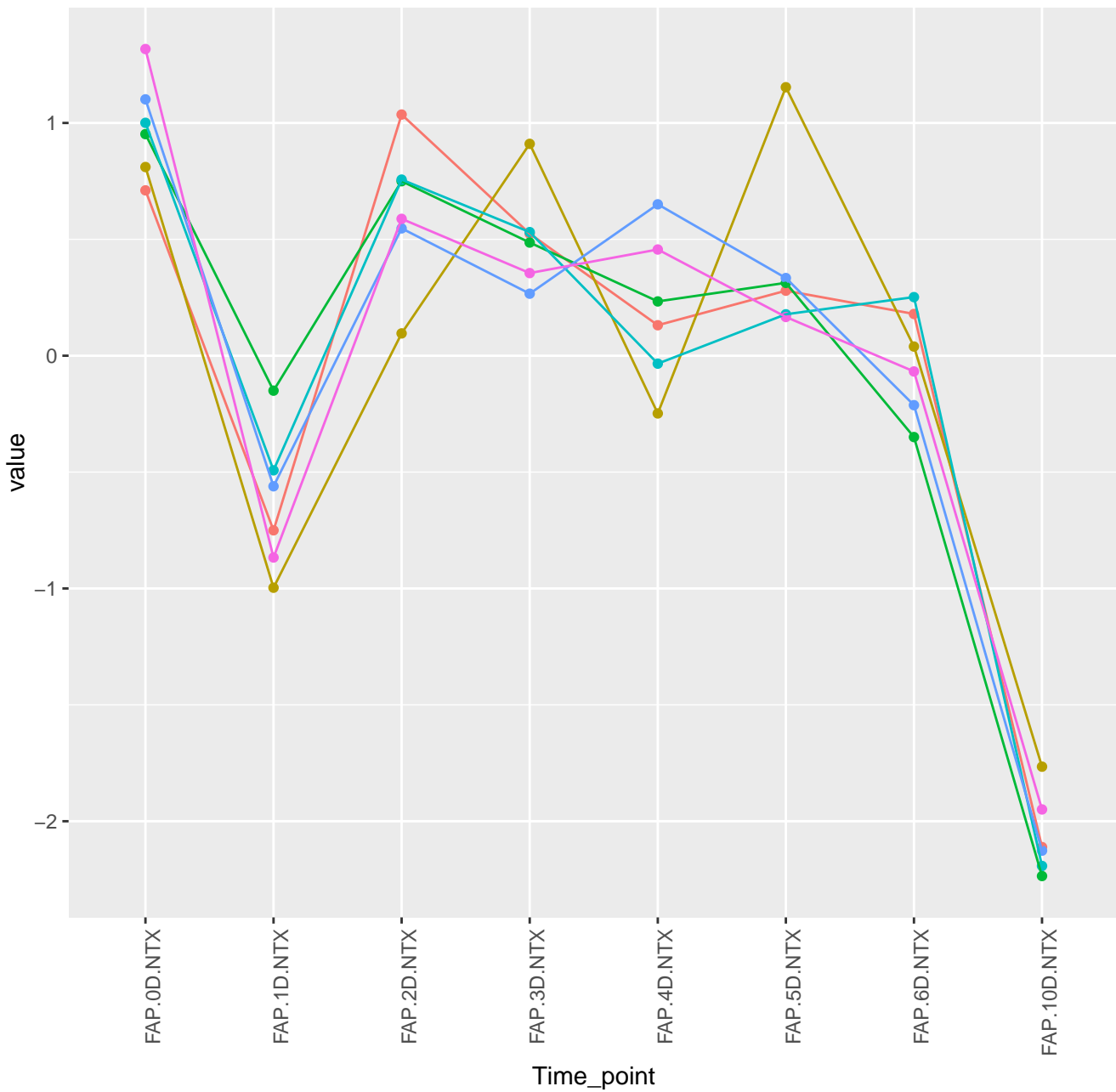
4 genes – cluster 488



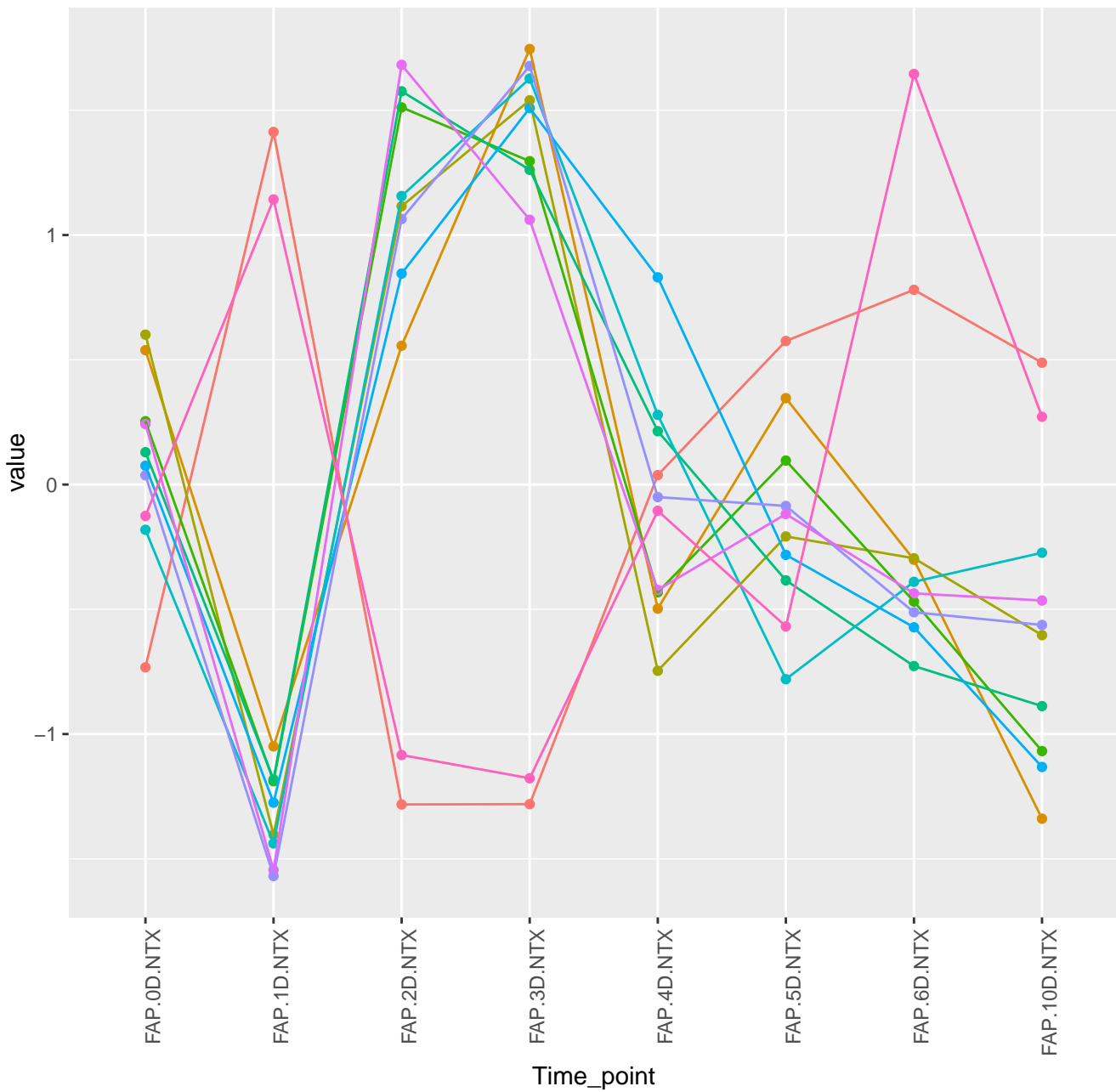
10 genes – cluster 489



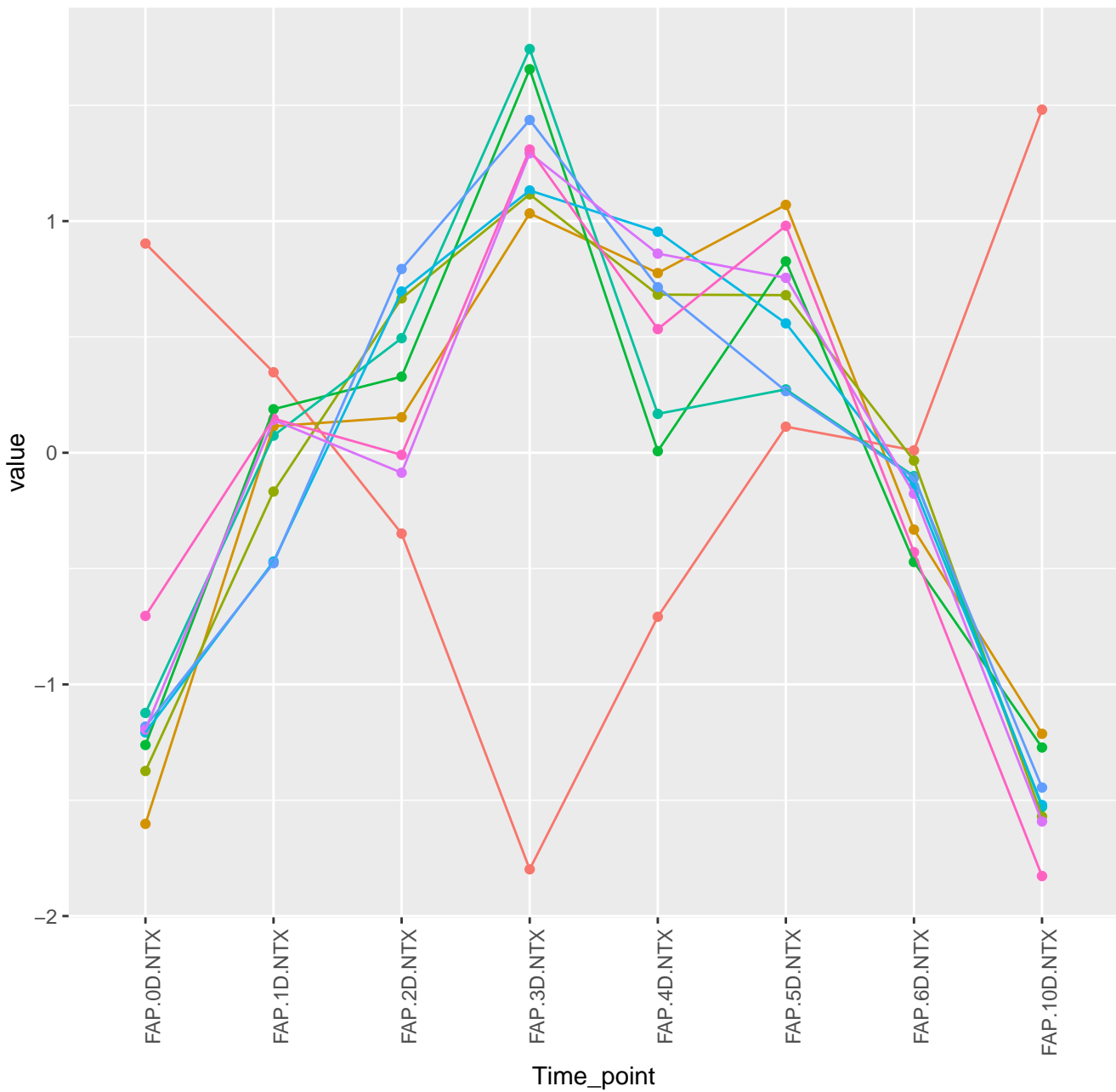
6 genes – cluster 491



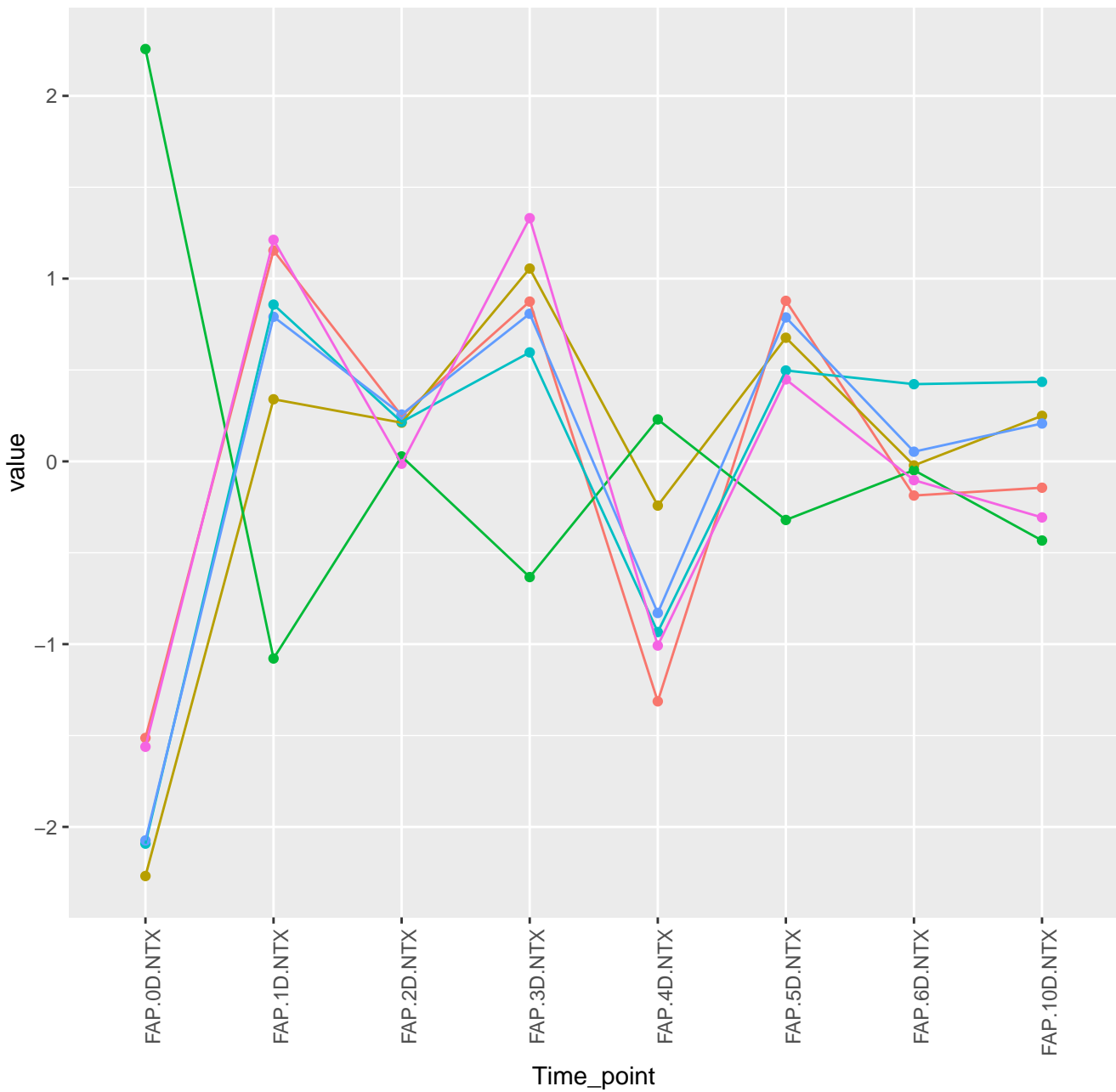
10 genes – cluster 493



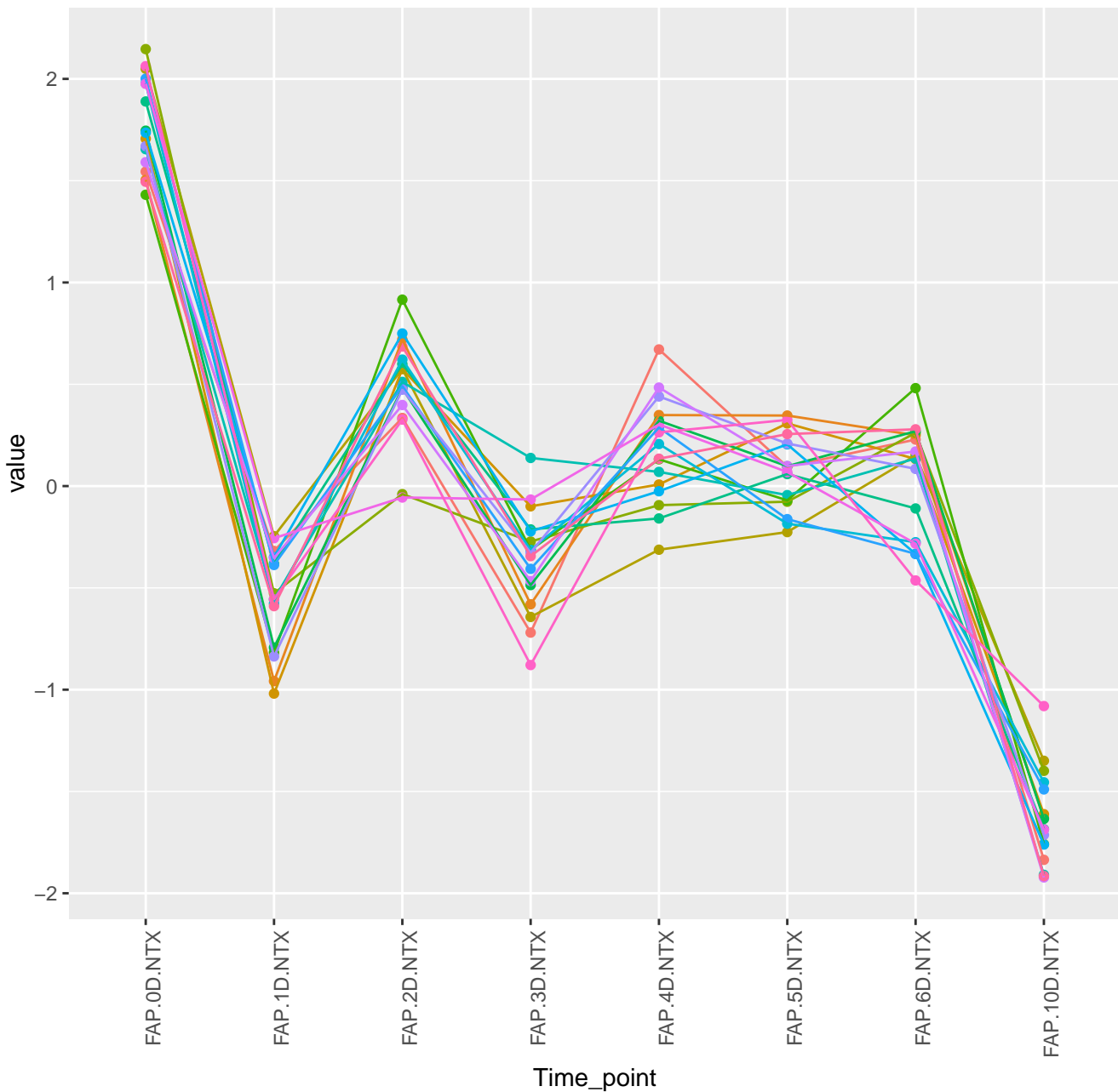
9 genes – cluster 494



6 genes – cluster 496



17 genes – cluster 499



10 genes – cluster 500

