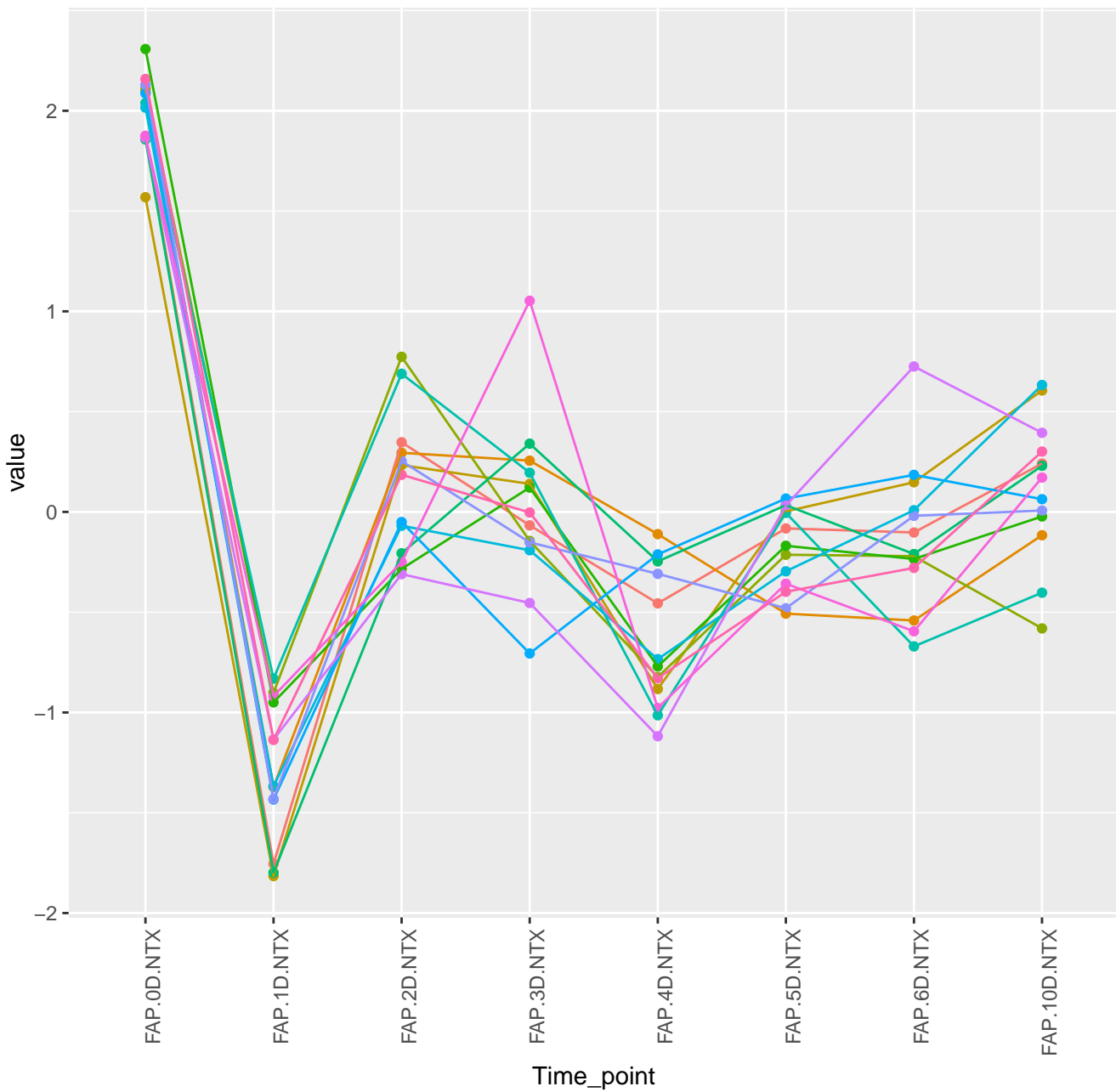
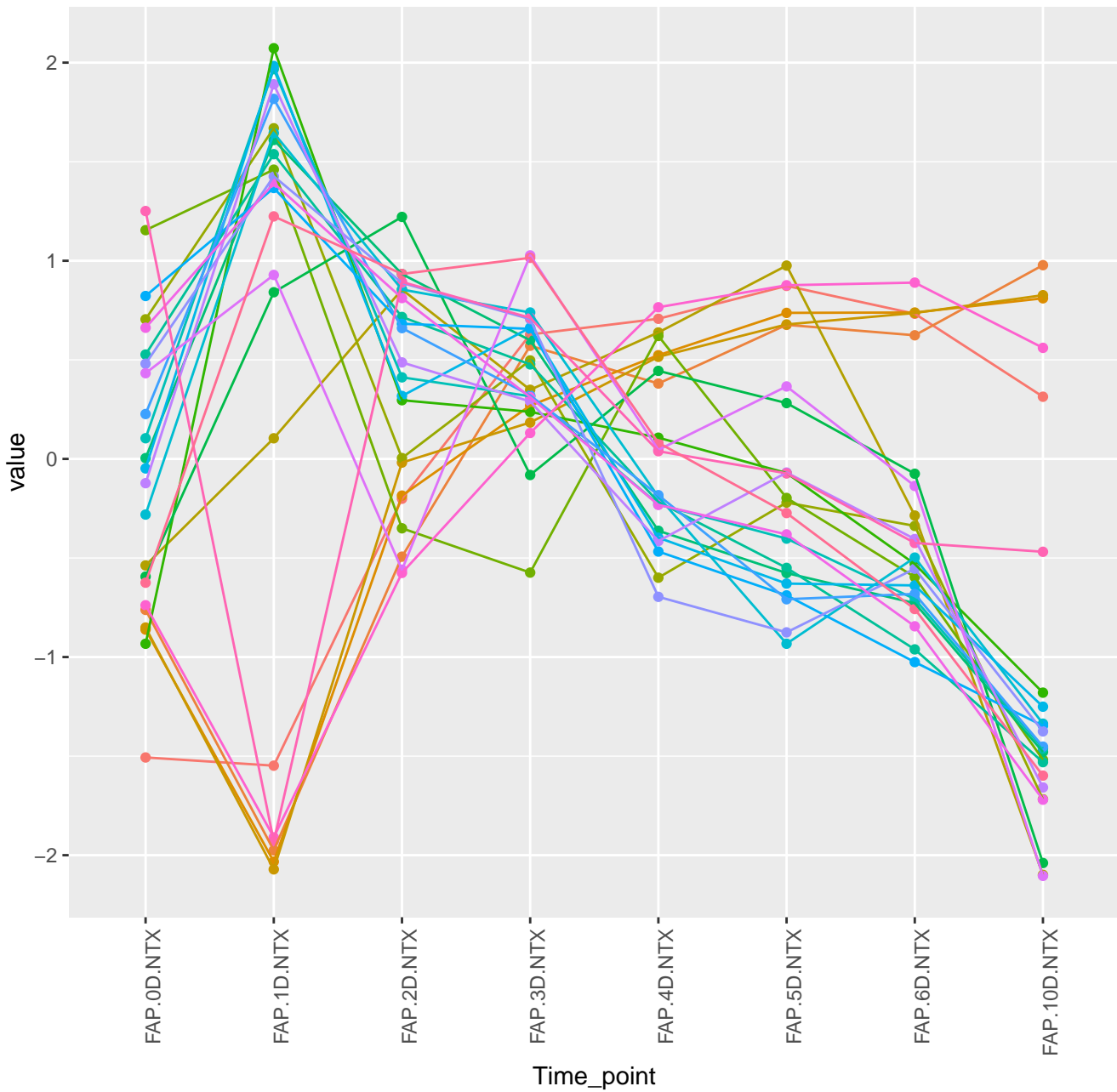


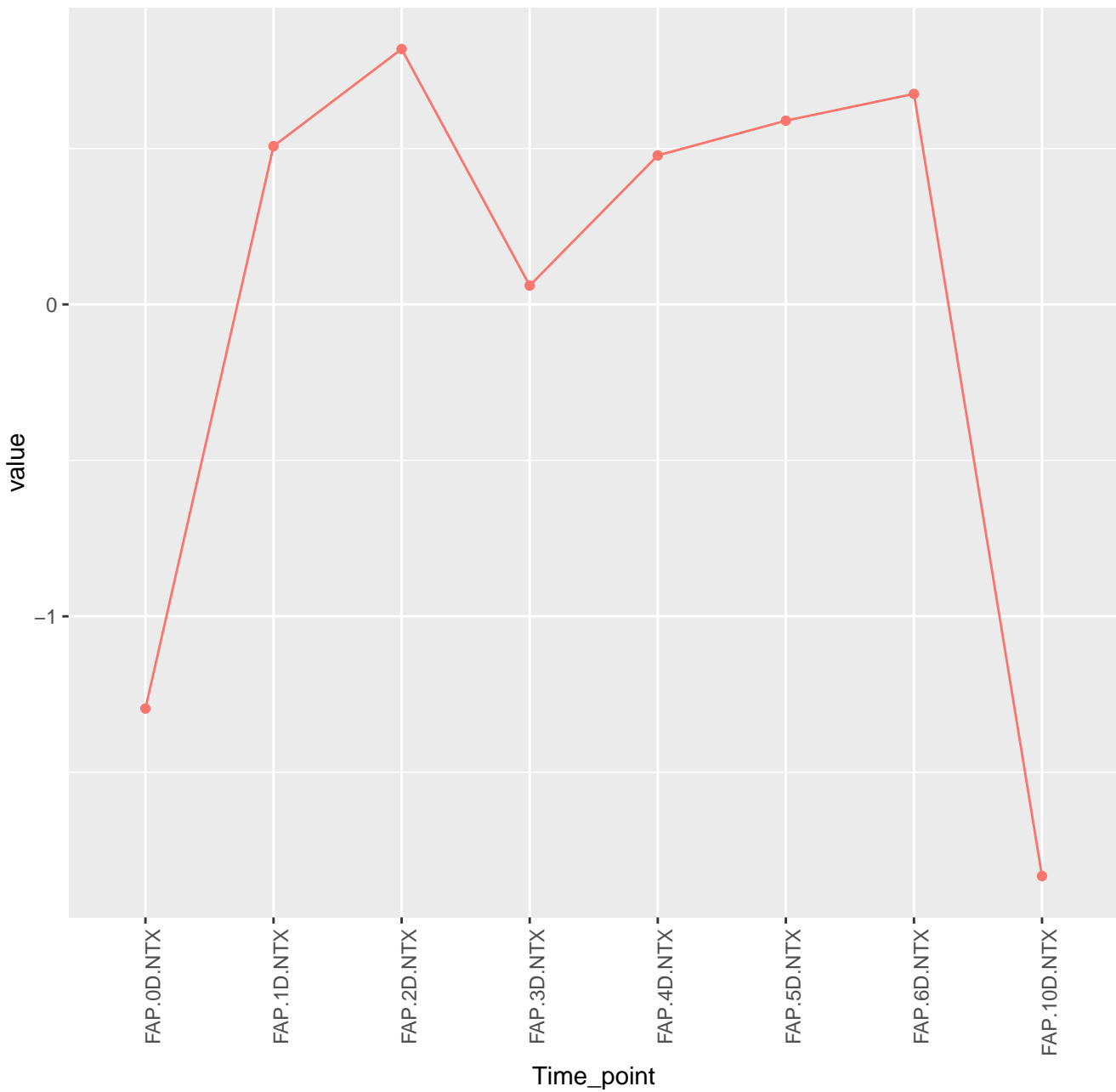
13 genes – cluster 1



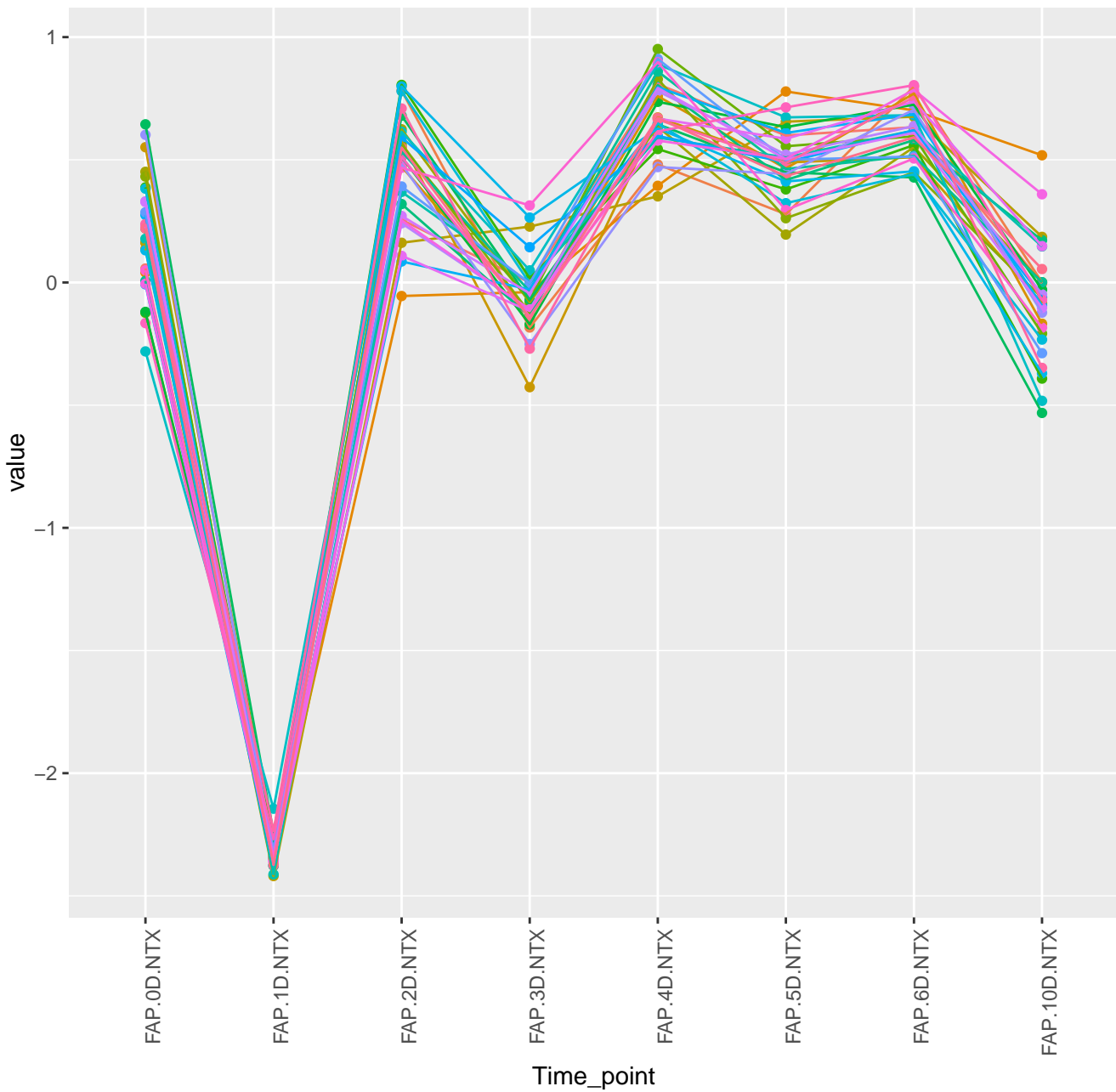
23 genes – cluster 2



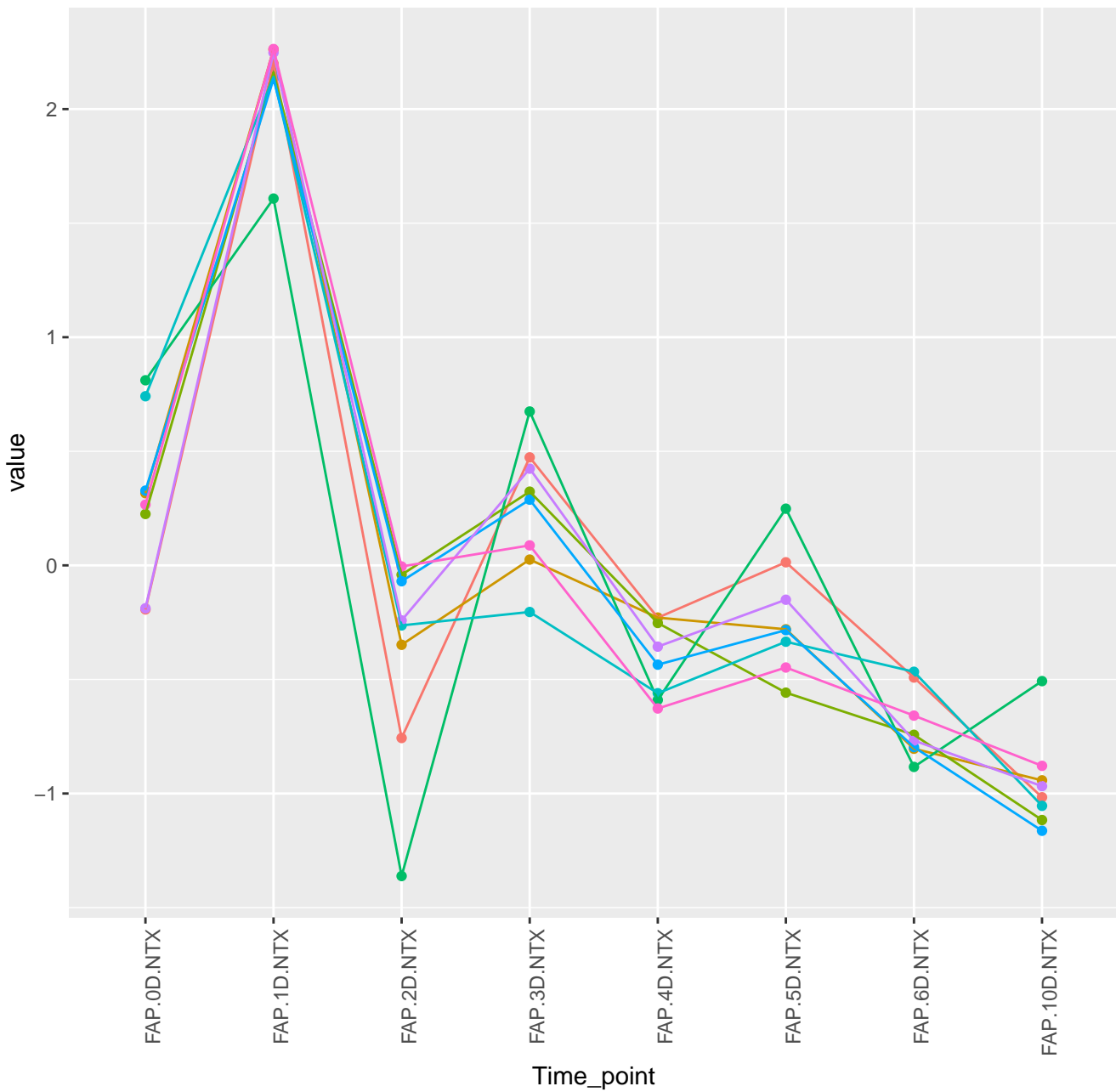
1 genes – cluster 3



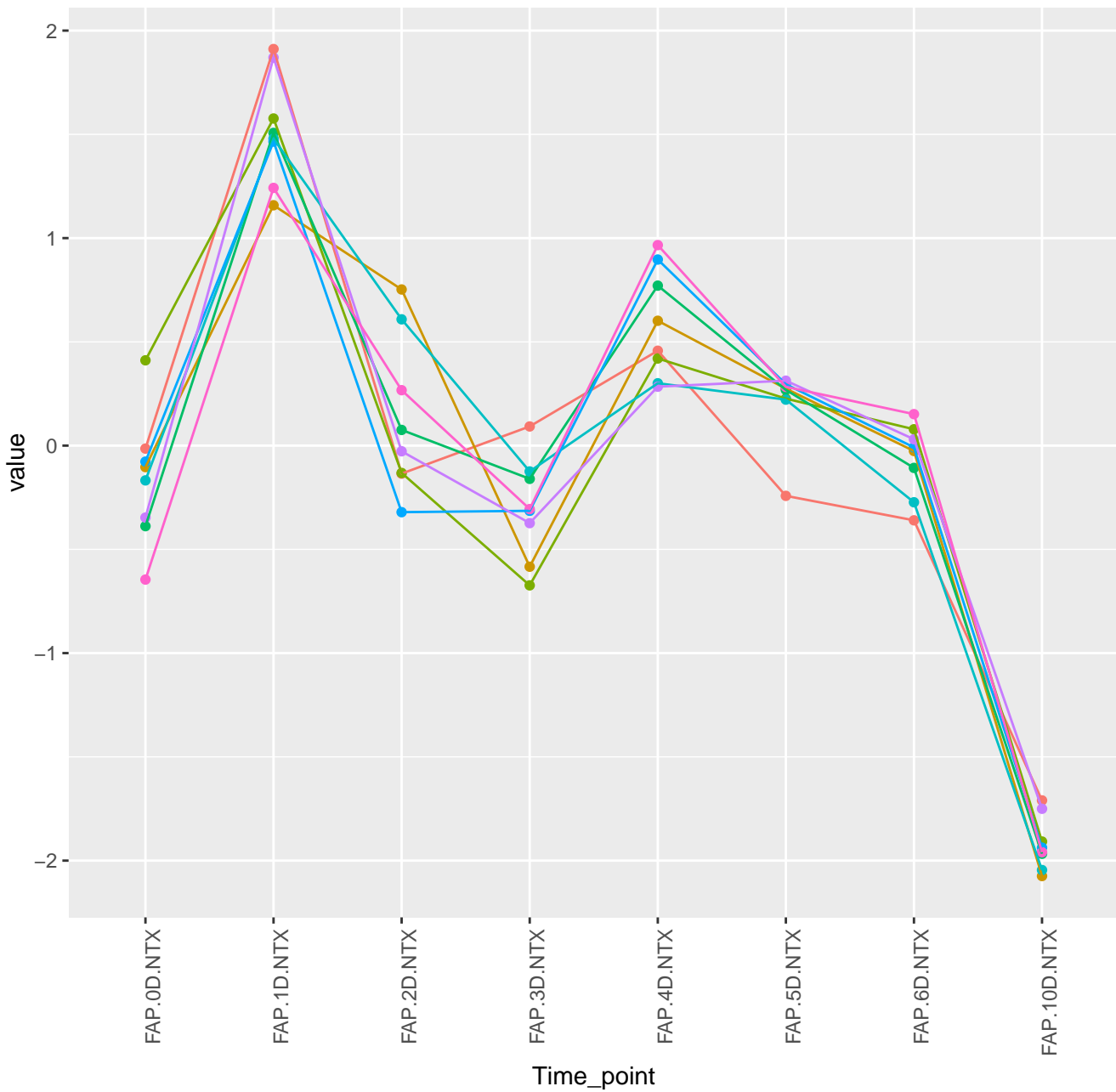
30 genes – cluster 4



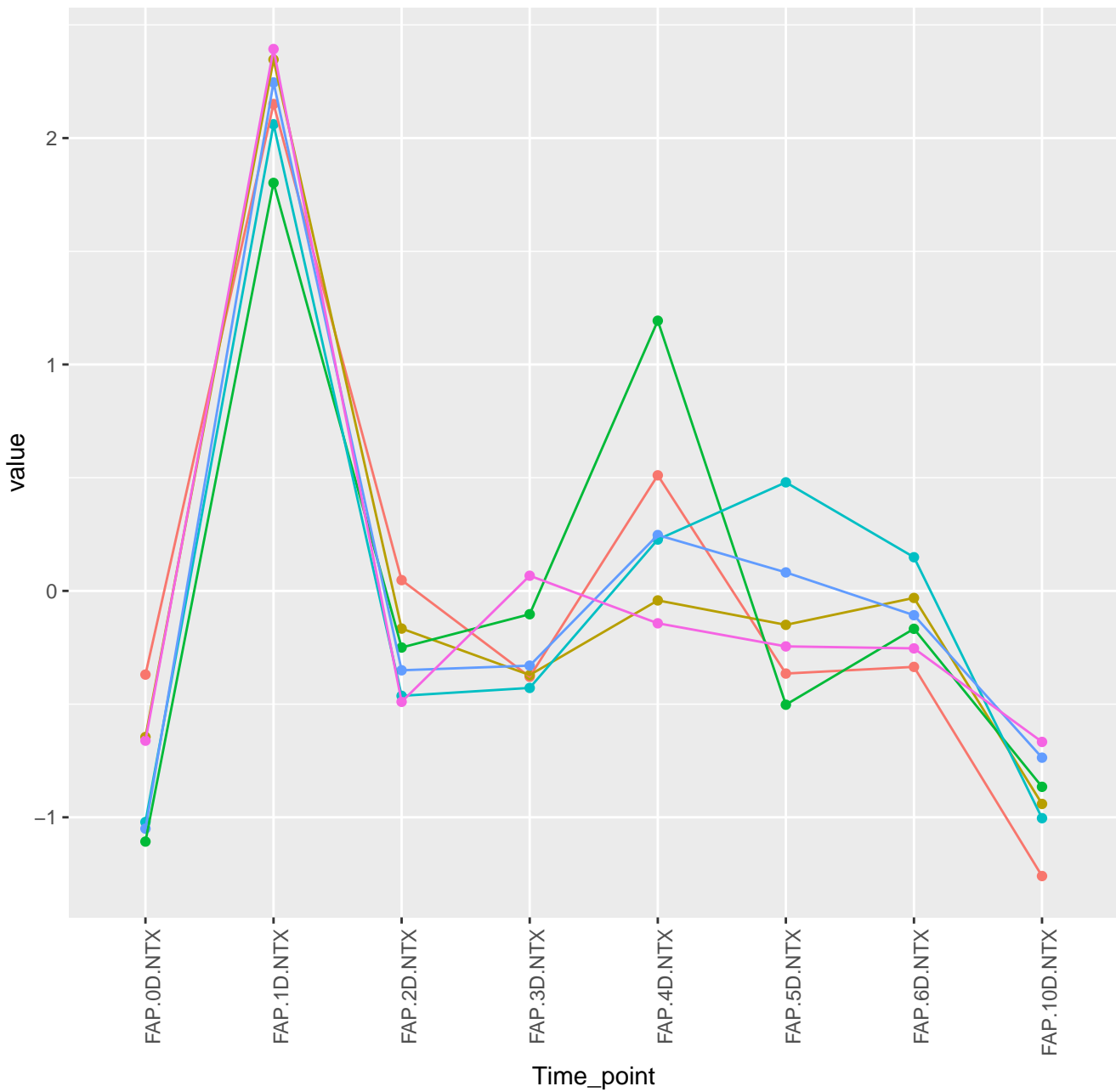
8 genes – cluster 5



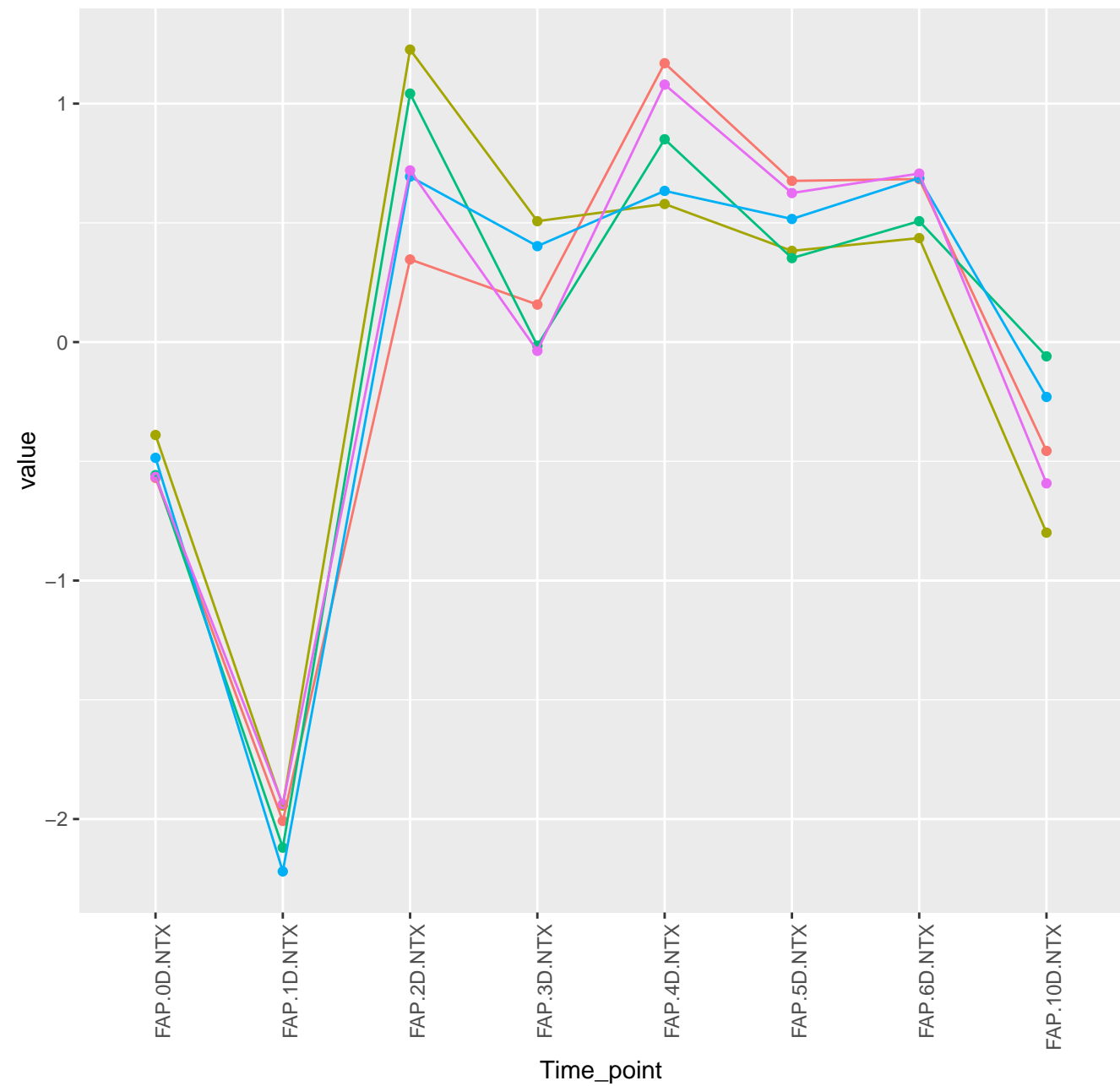
8 genes – cluster 6



6 genes – cluster 7

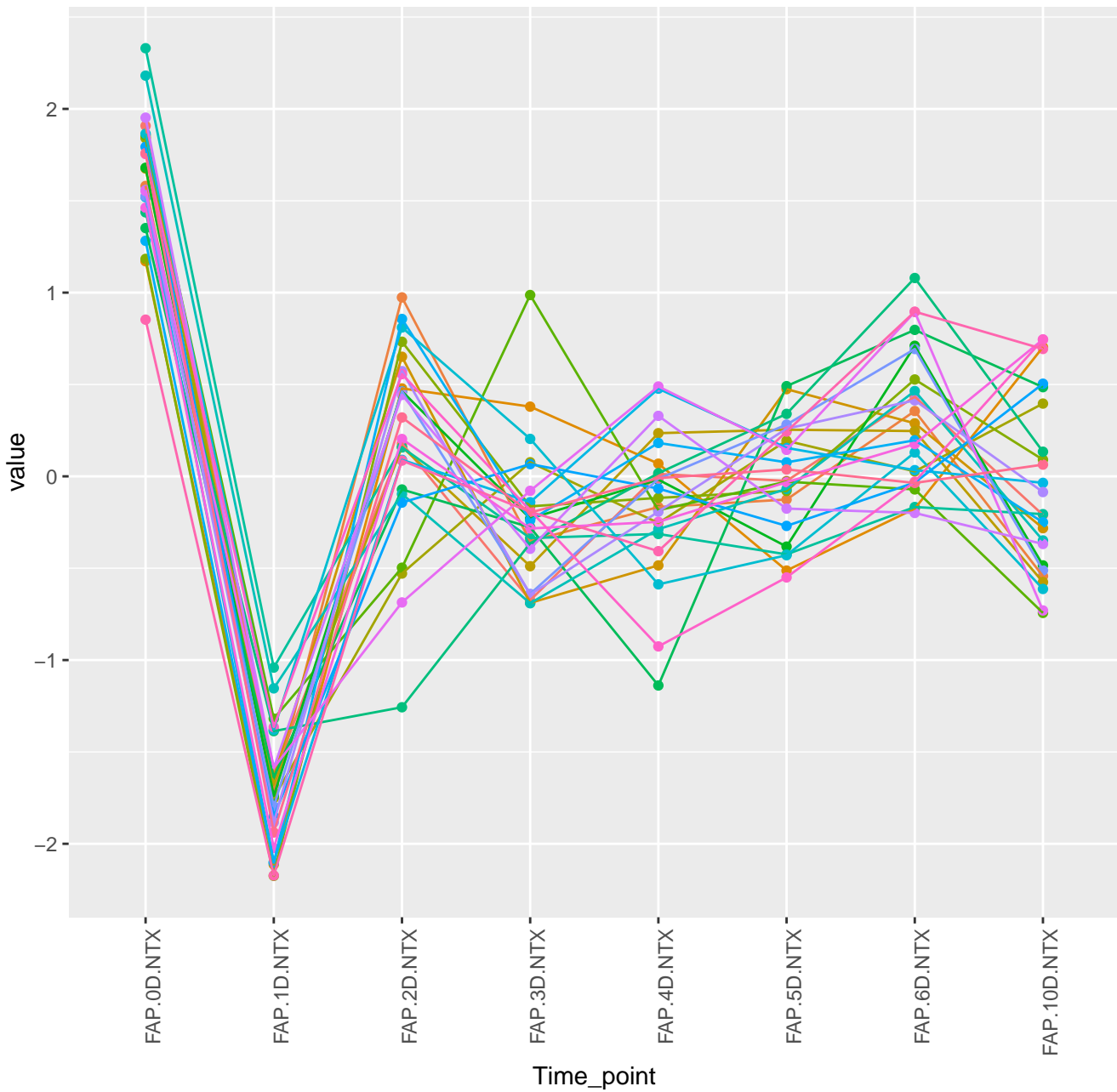


5 genes – cluster 8

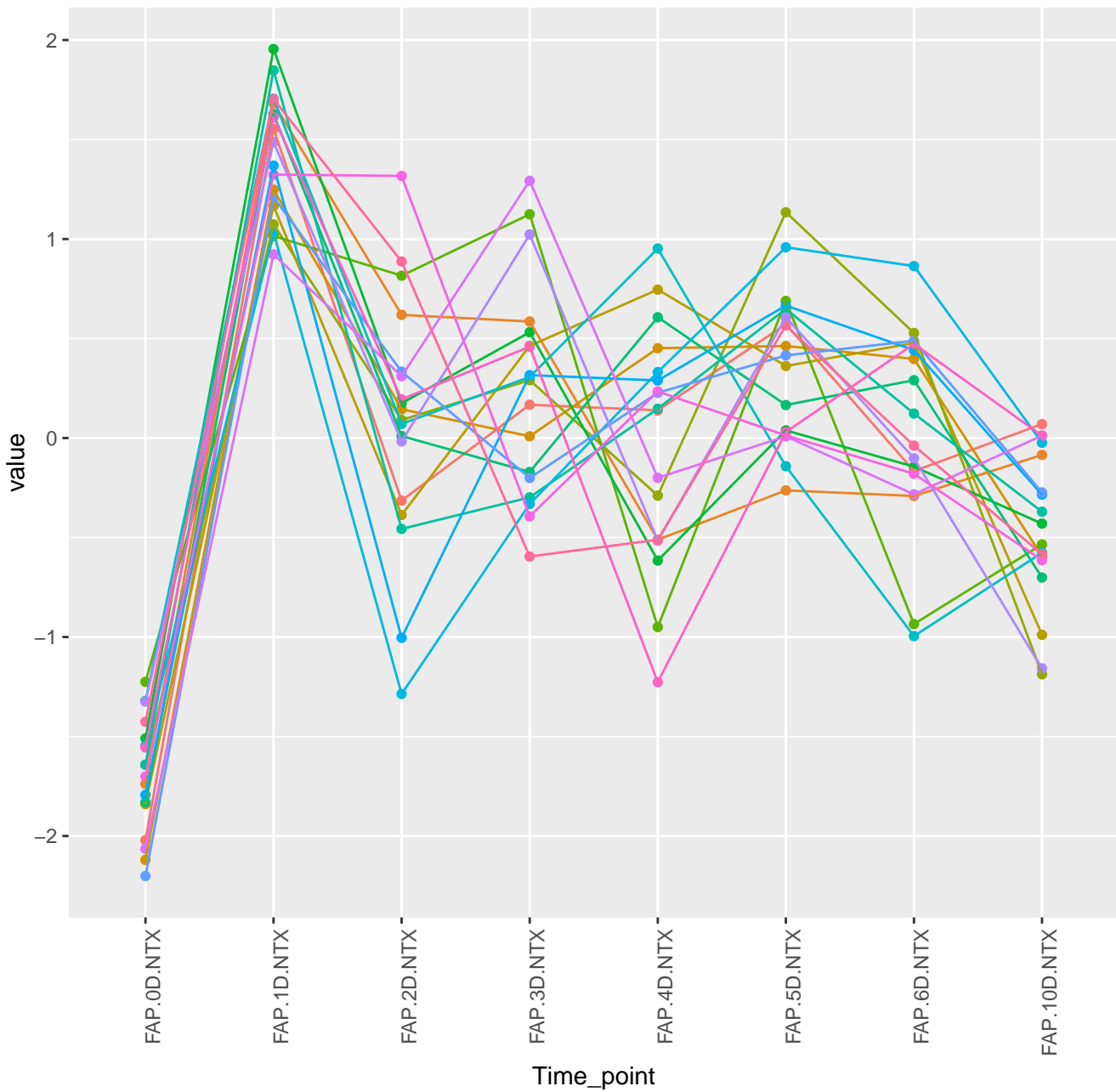




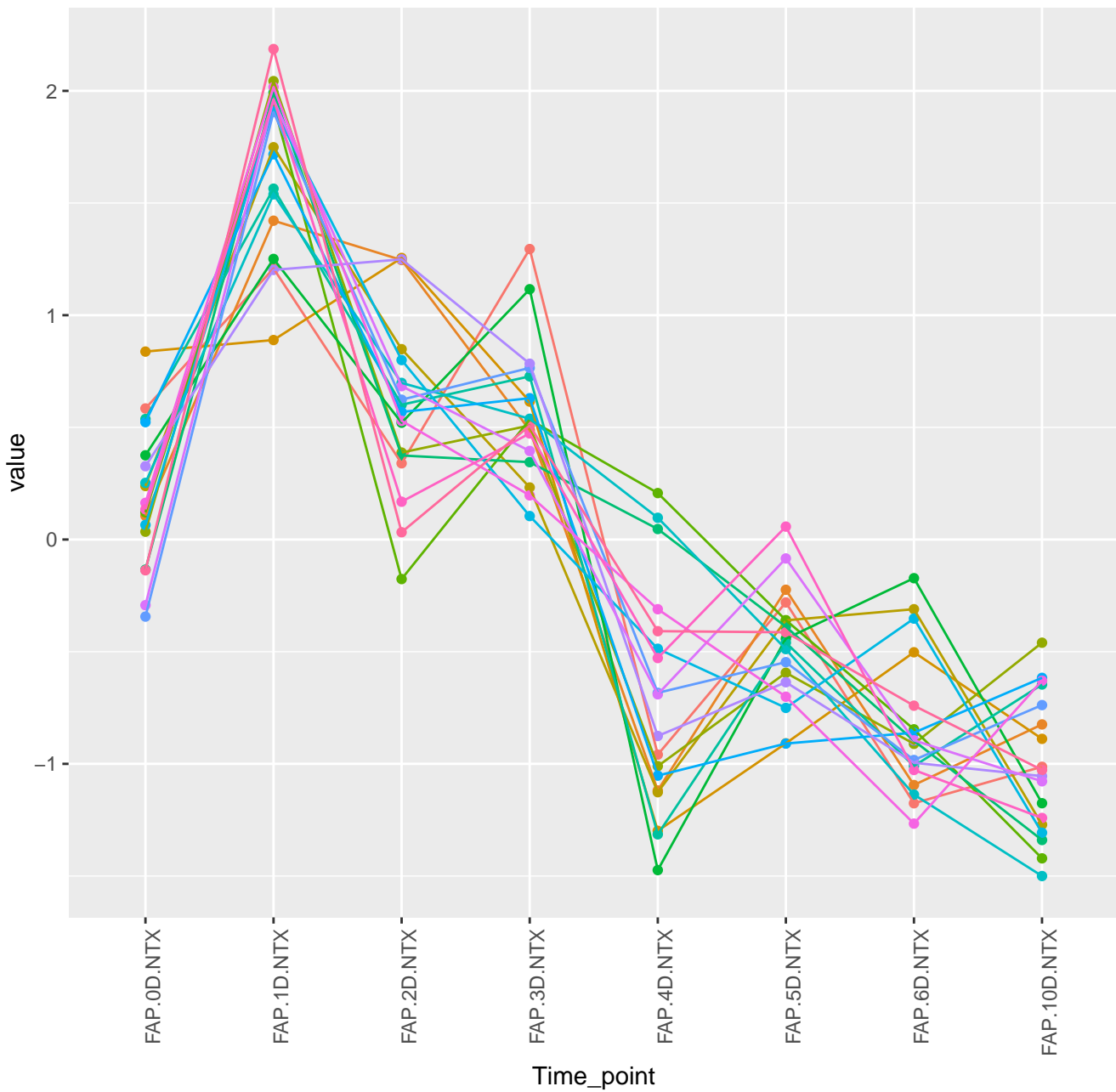
25 genes – cluster 9



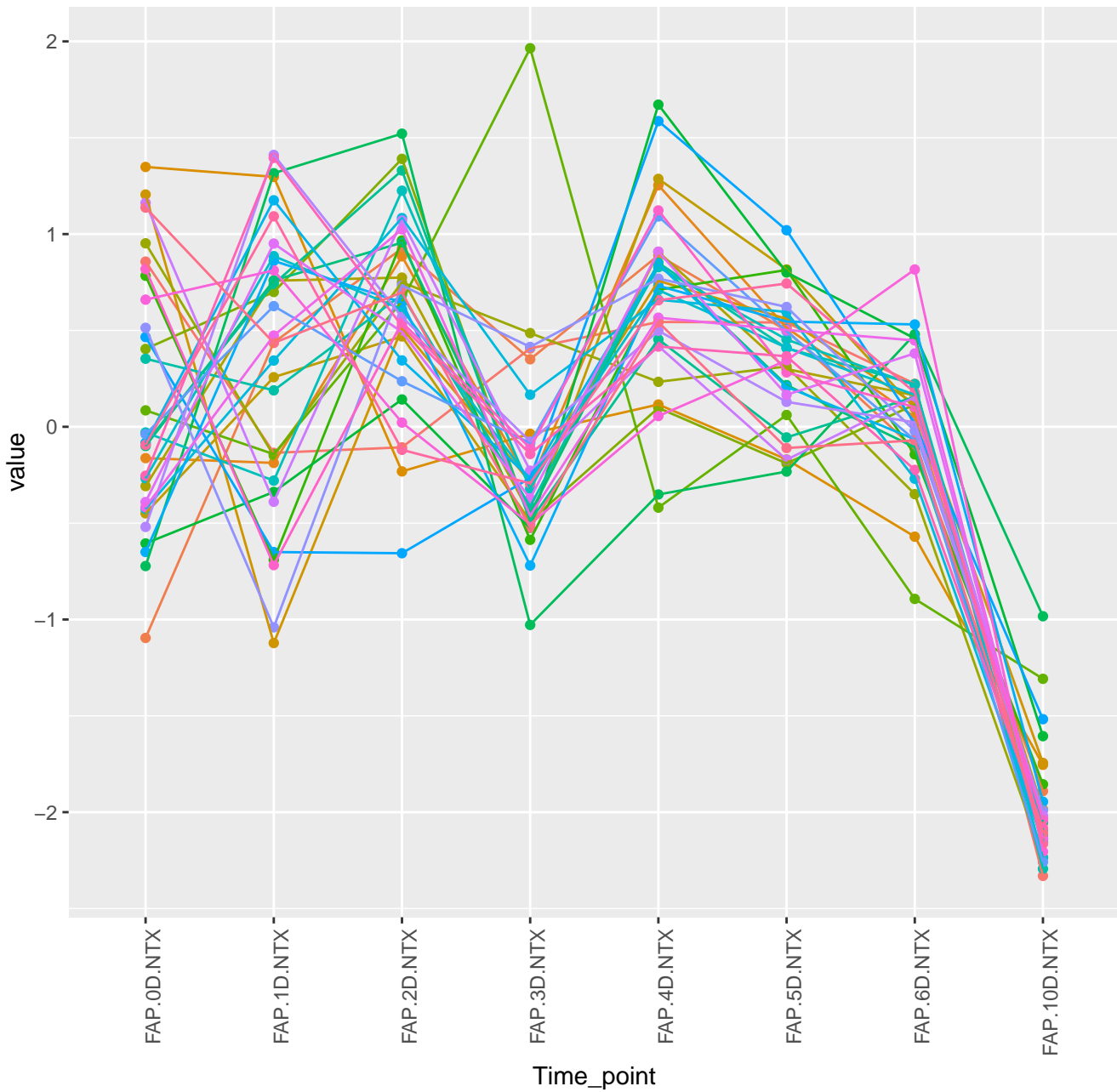
18 genes – cluster 10



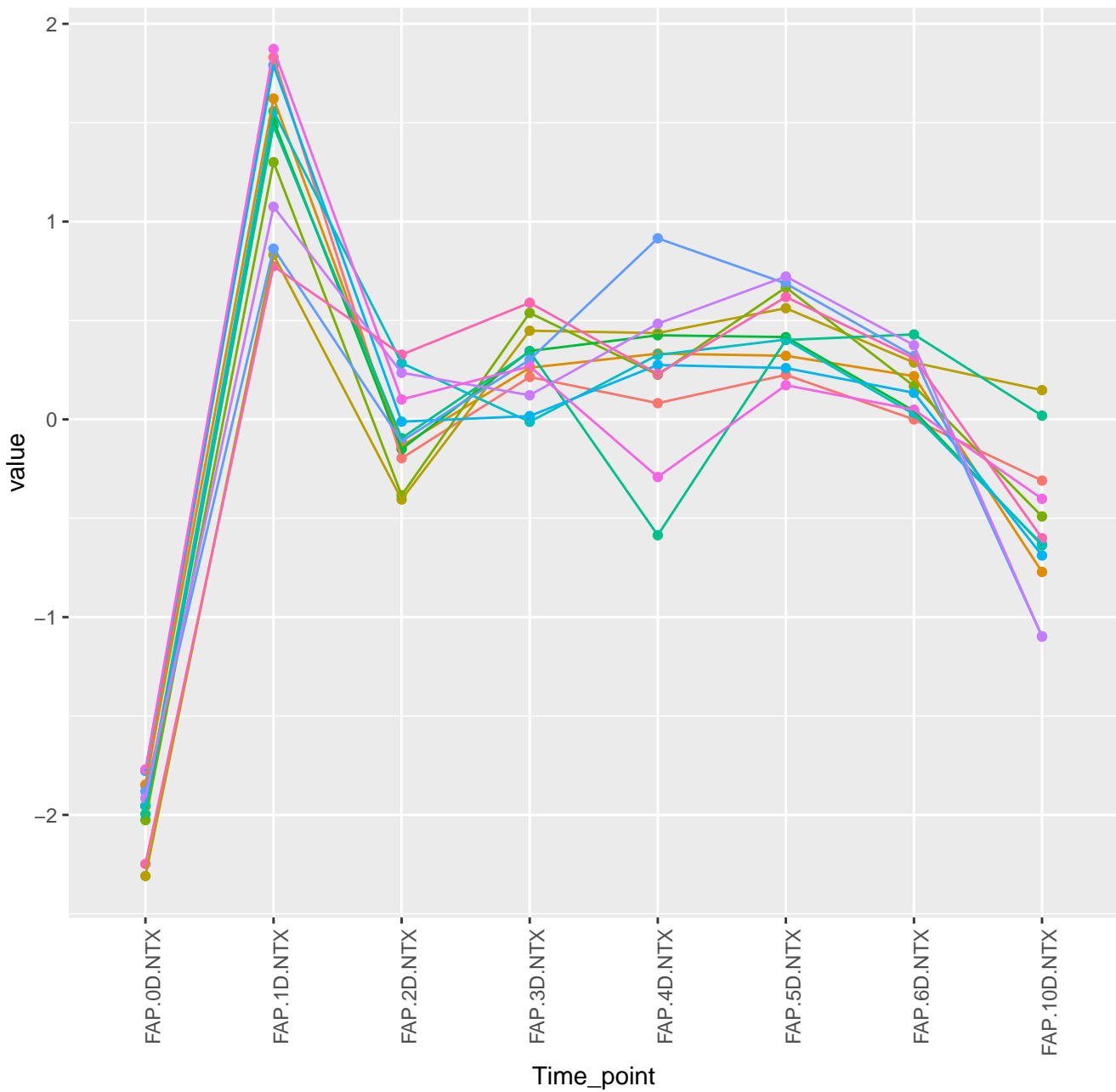
18 genes – cluster 11



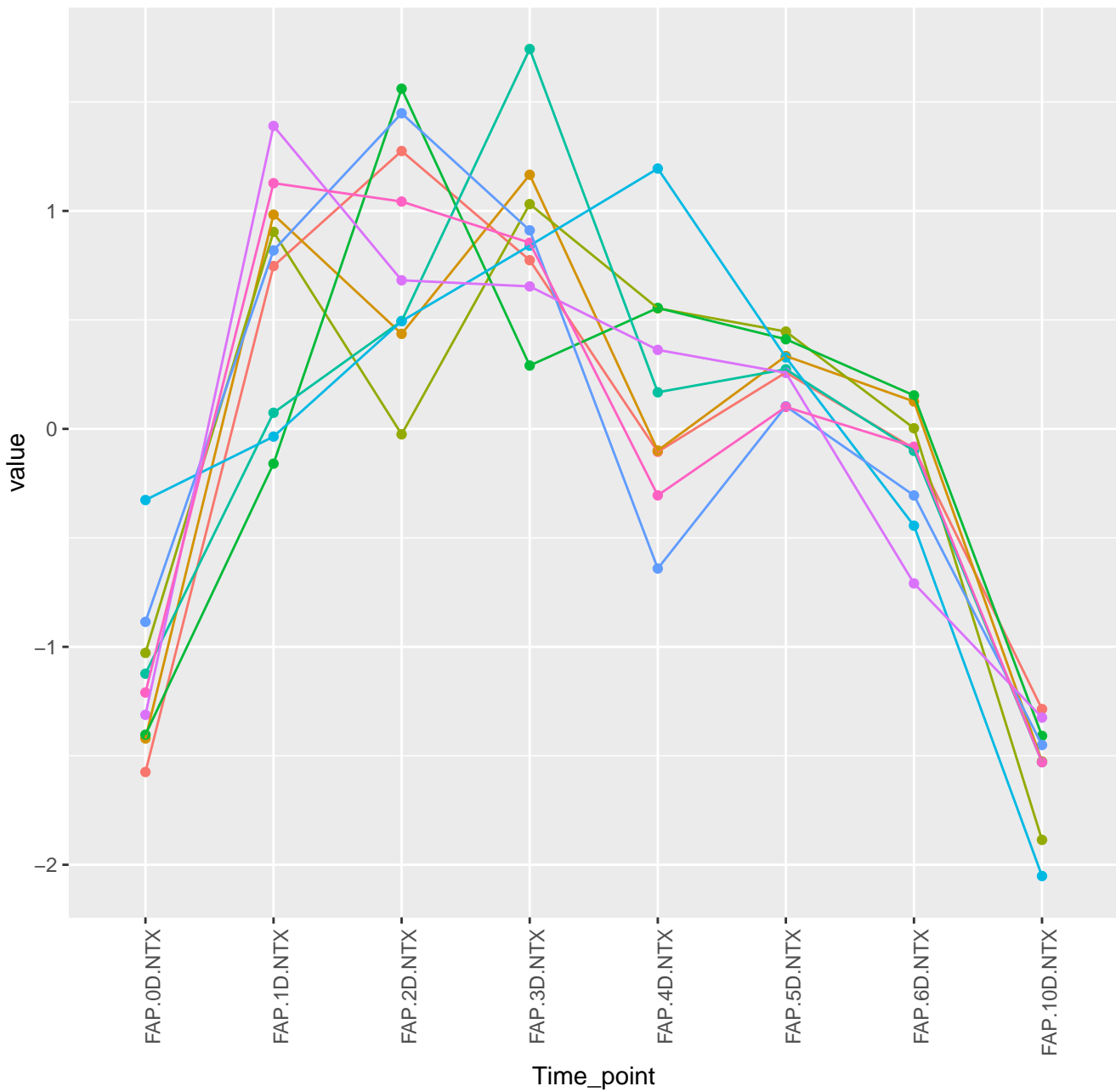
33 genes – cluster 12



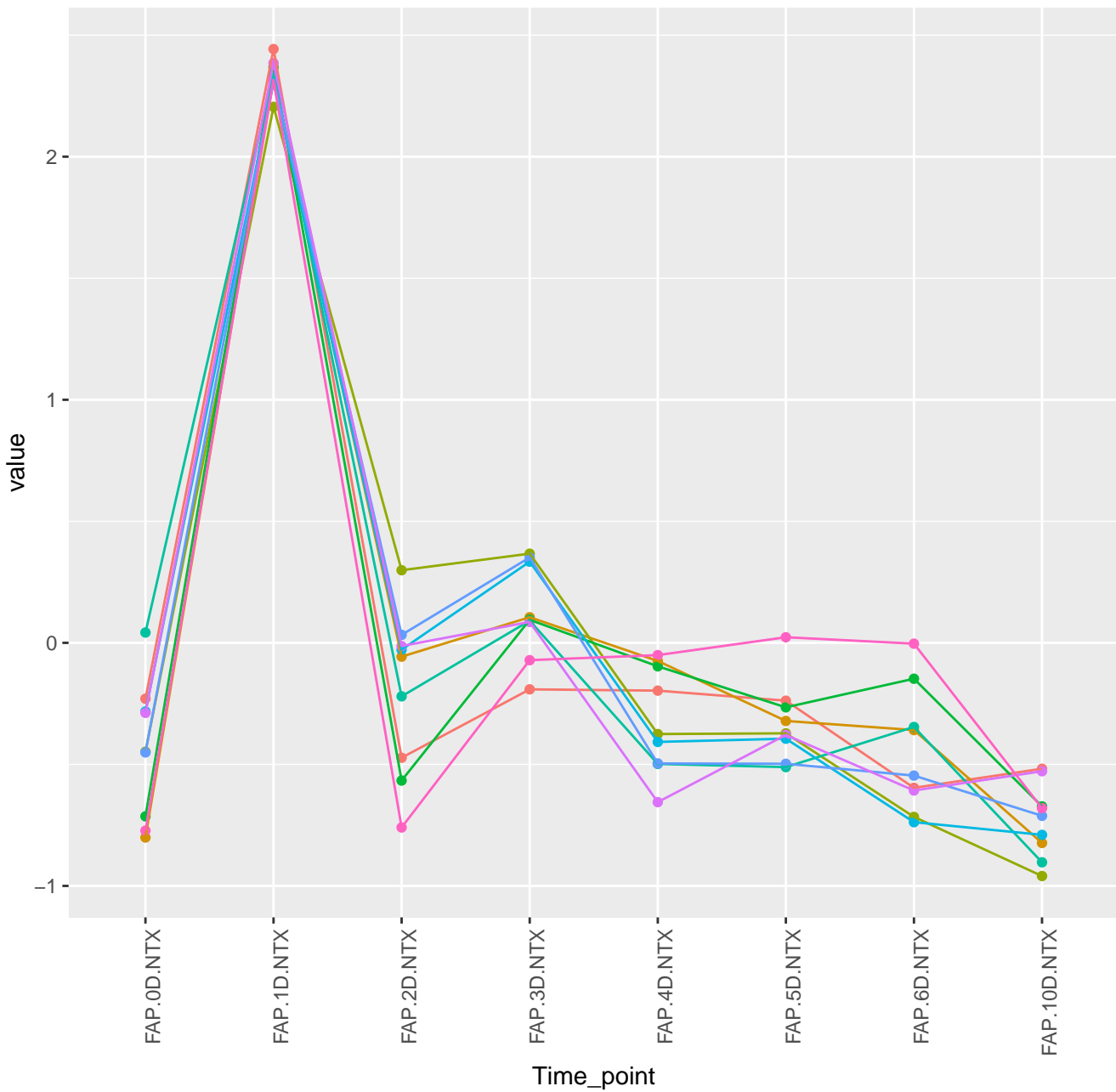
12 genes – cluster 13



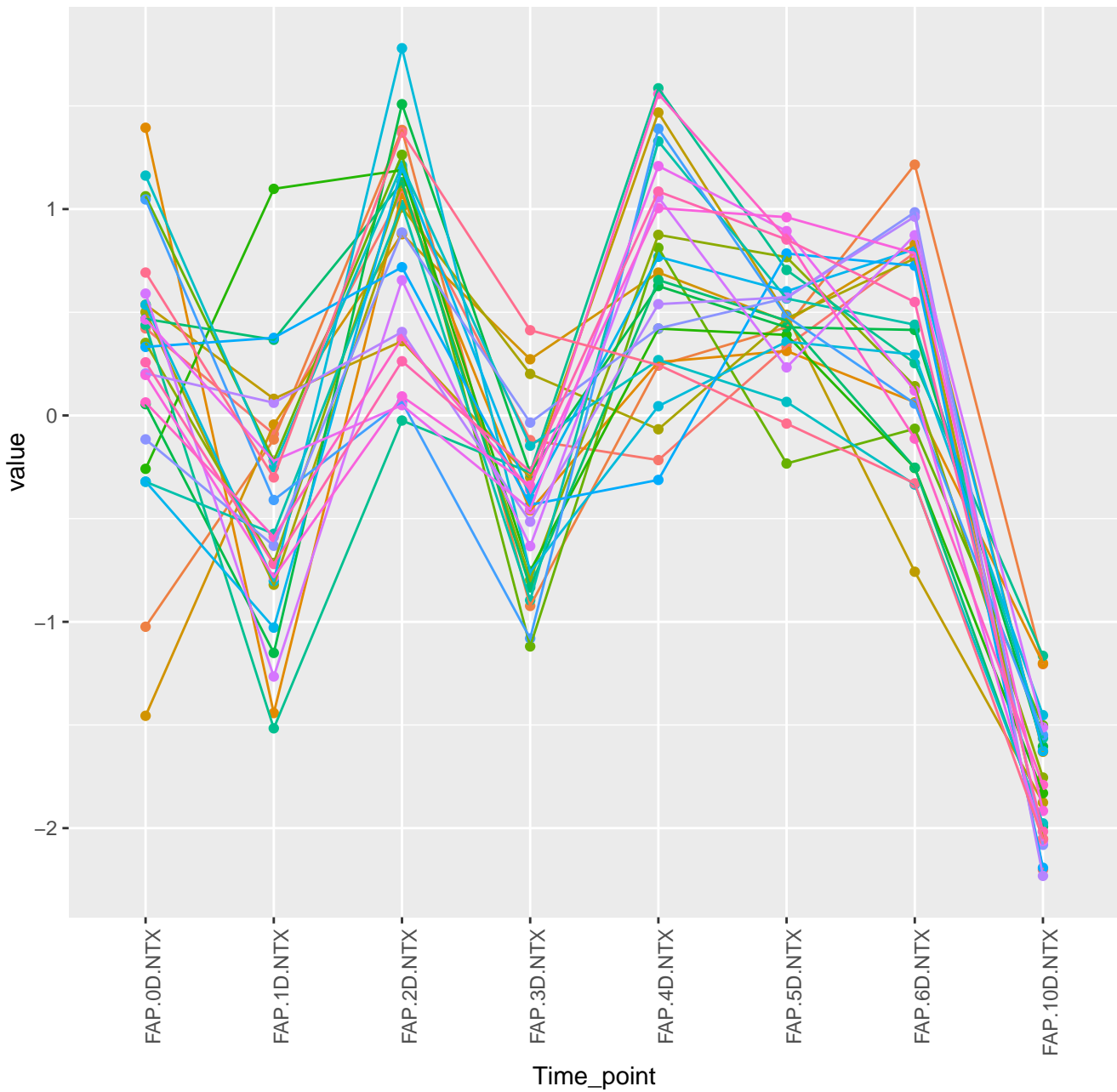
9 genes – cluster 14



9 genes – cluster 15

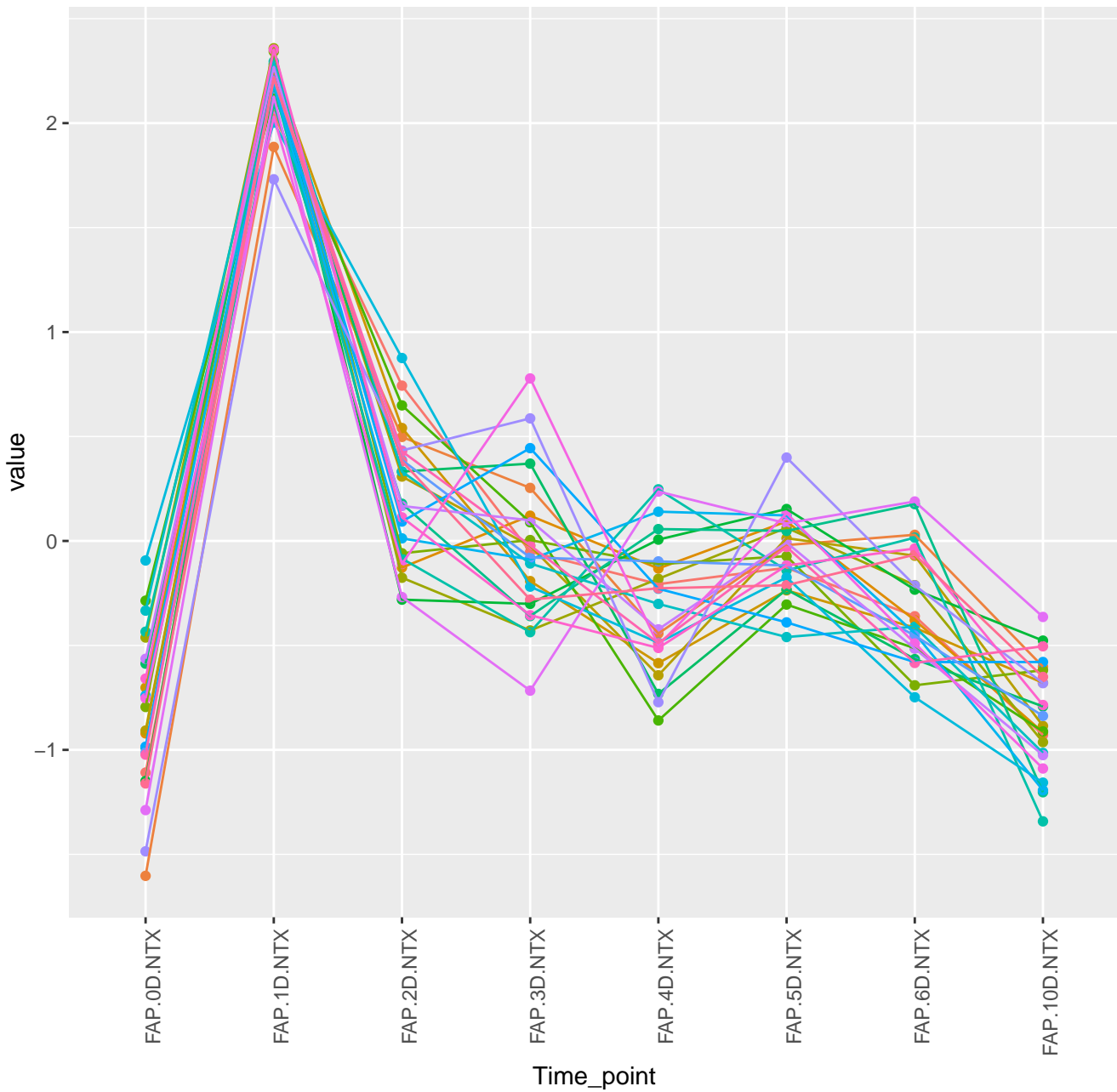


26 genes – cluster 16

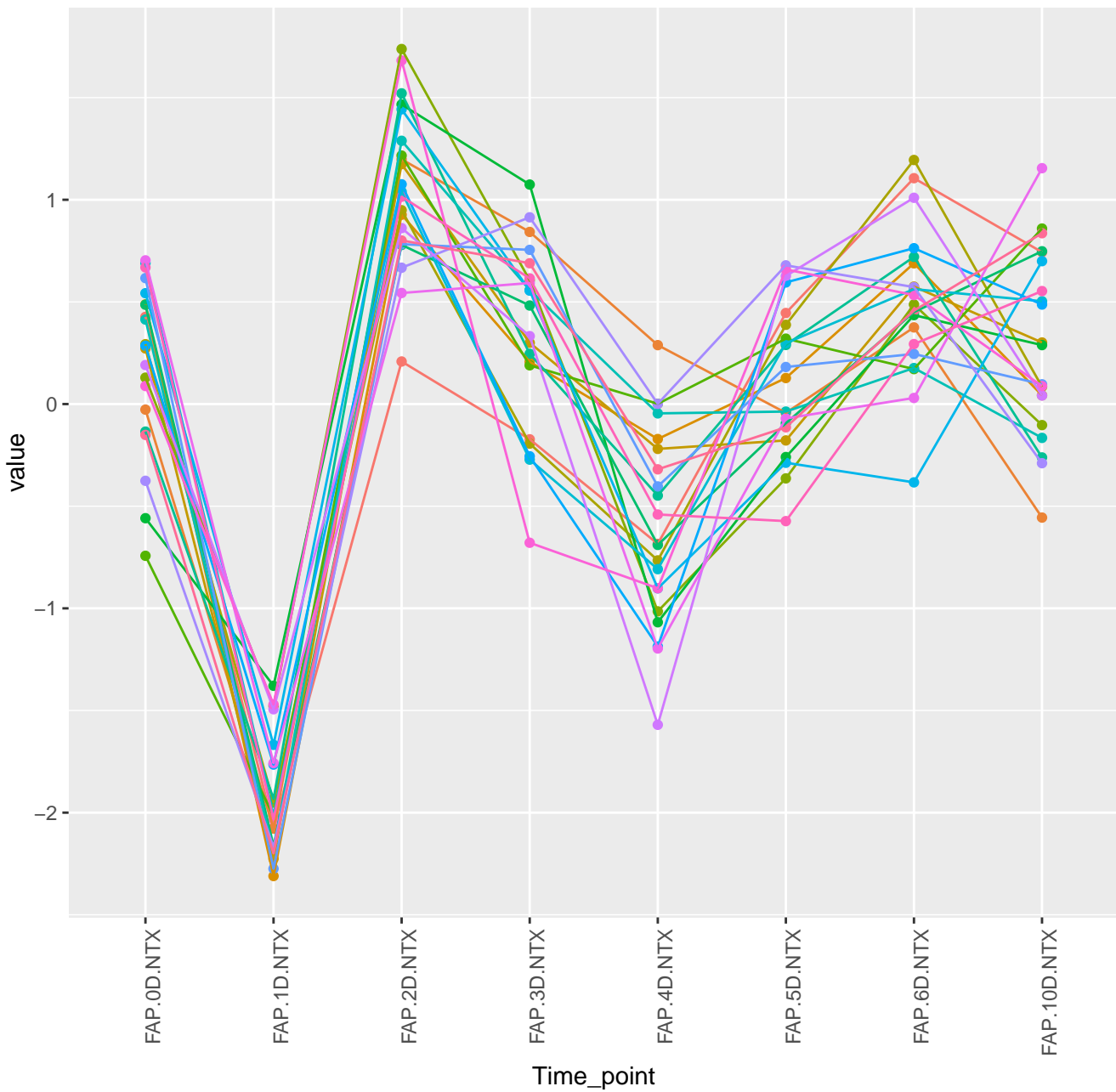




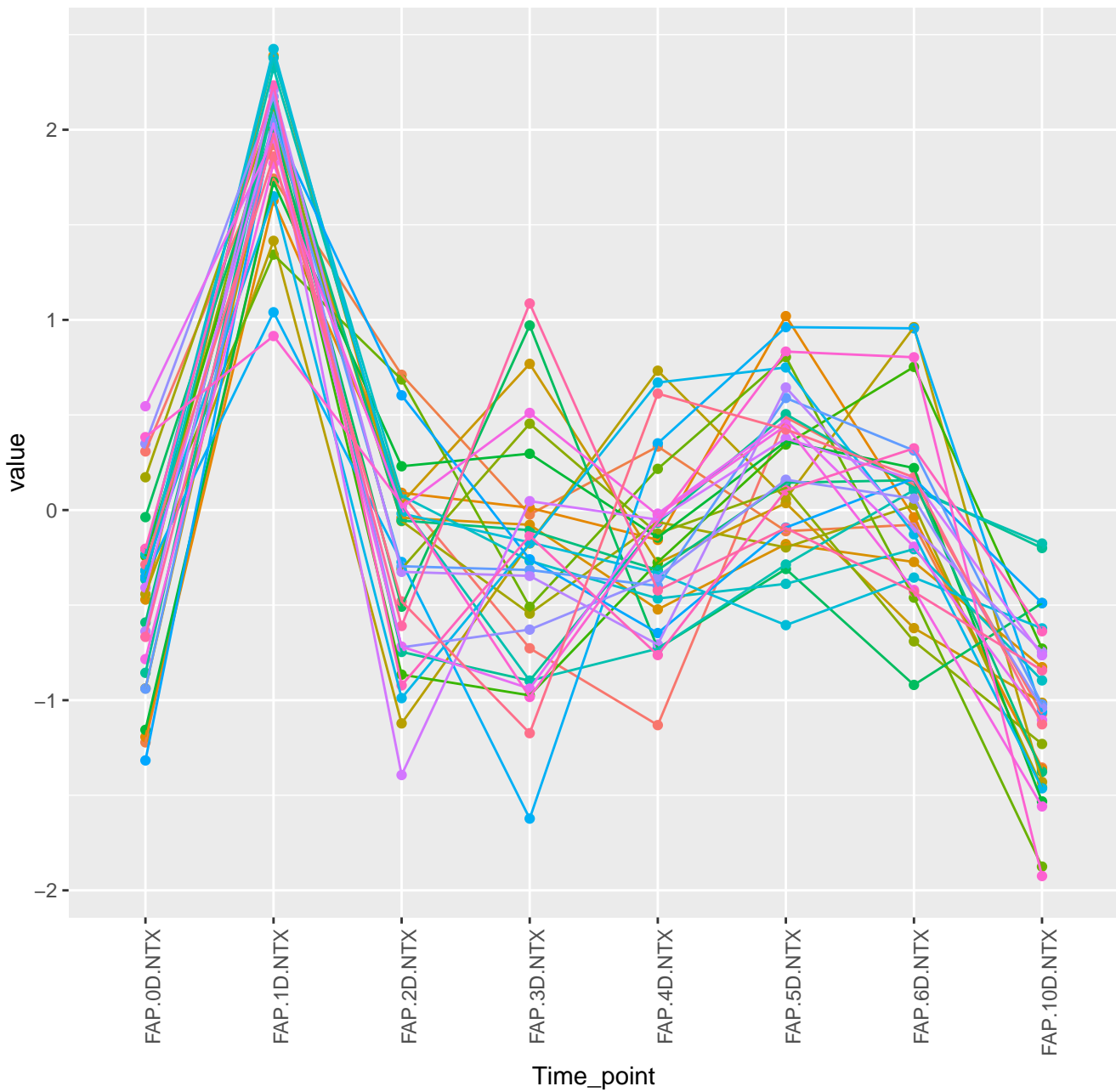
24 genes – cluster 17



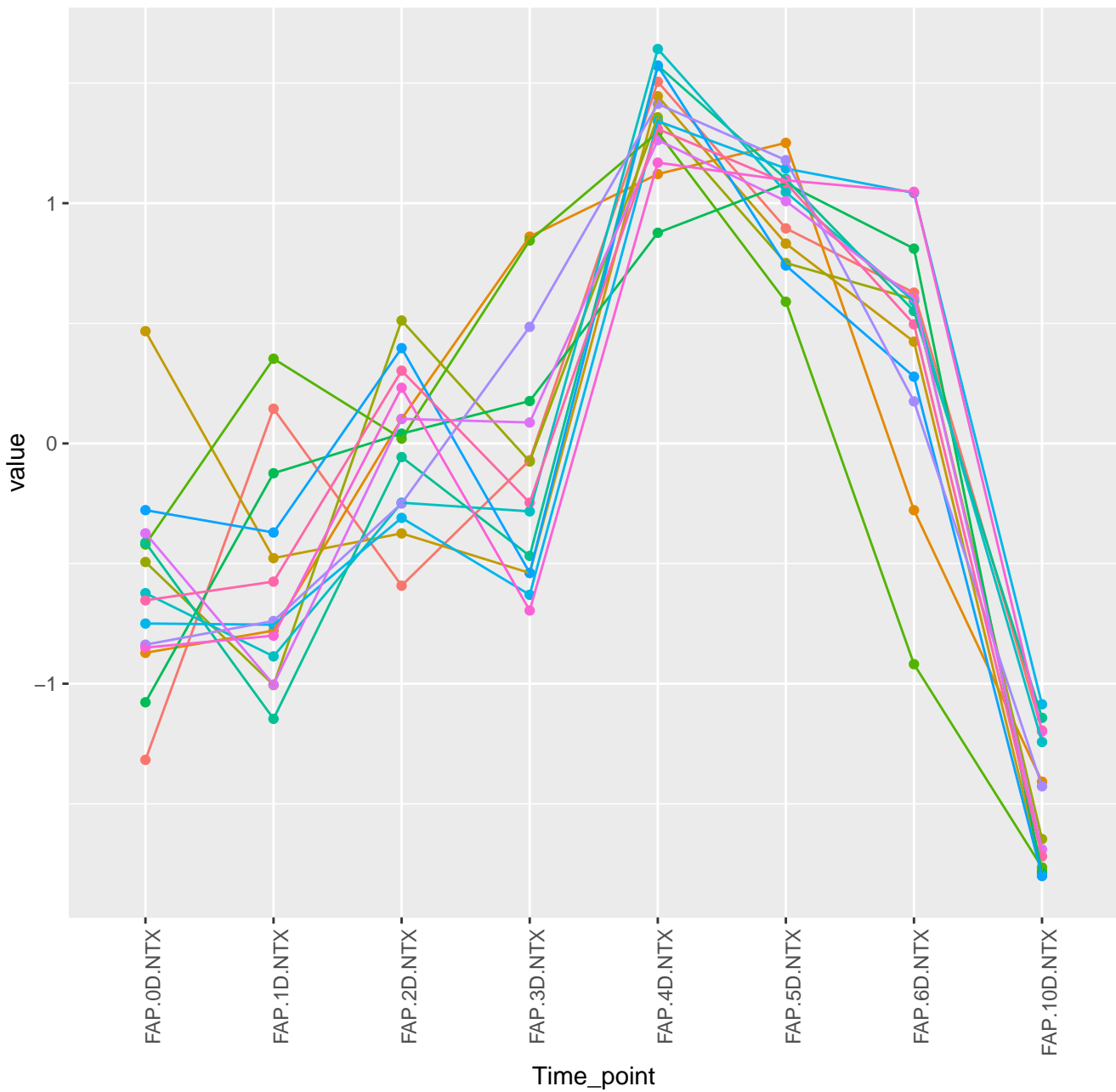
21 genes – cluster 18



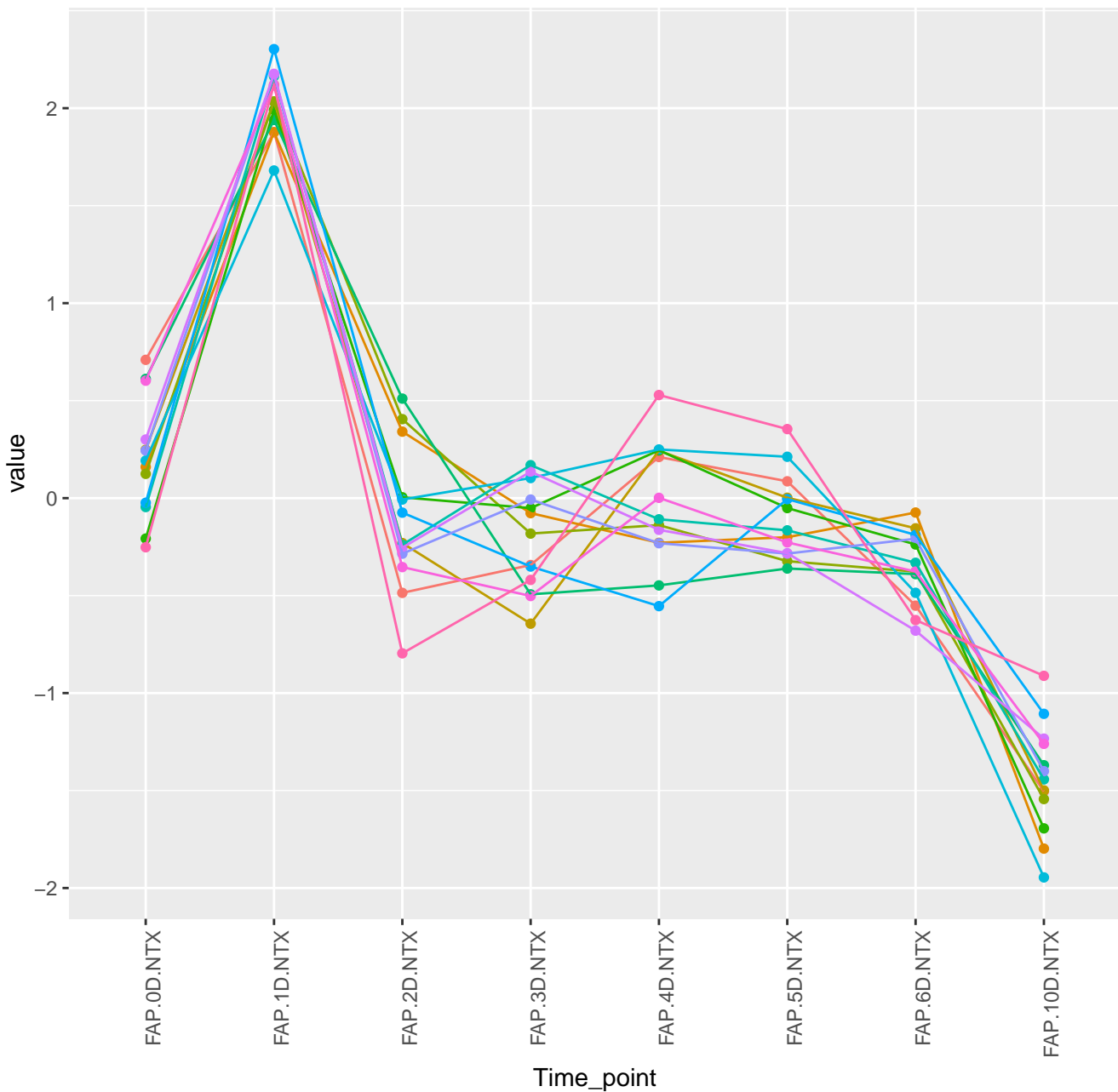
30 genes – cluster 19



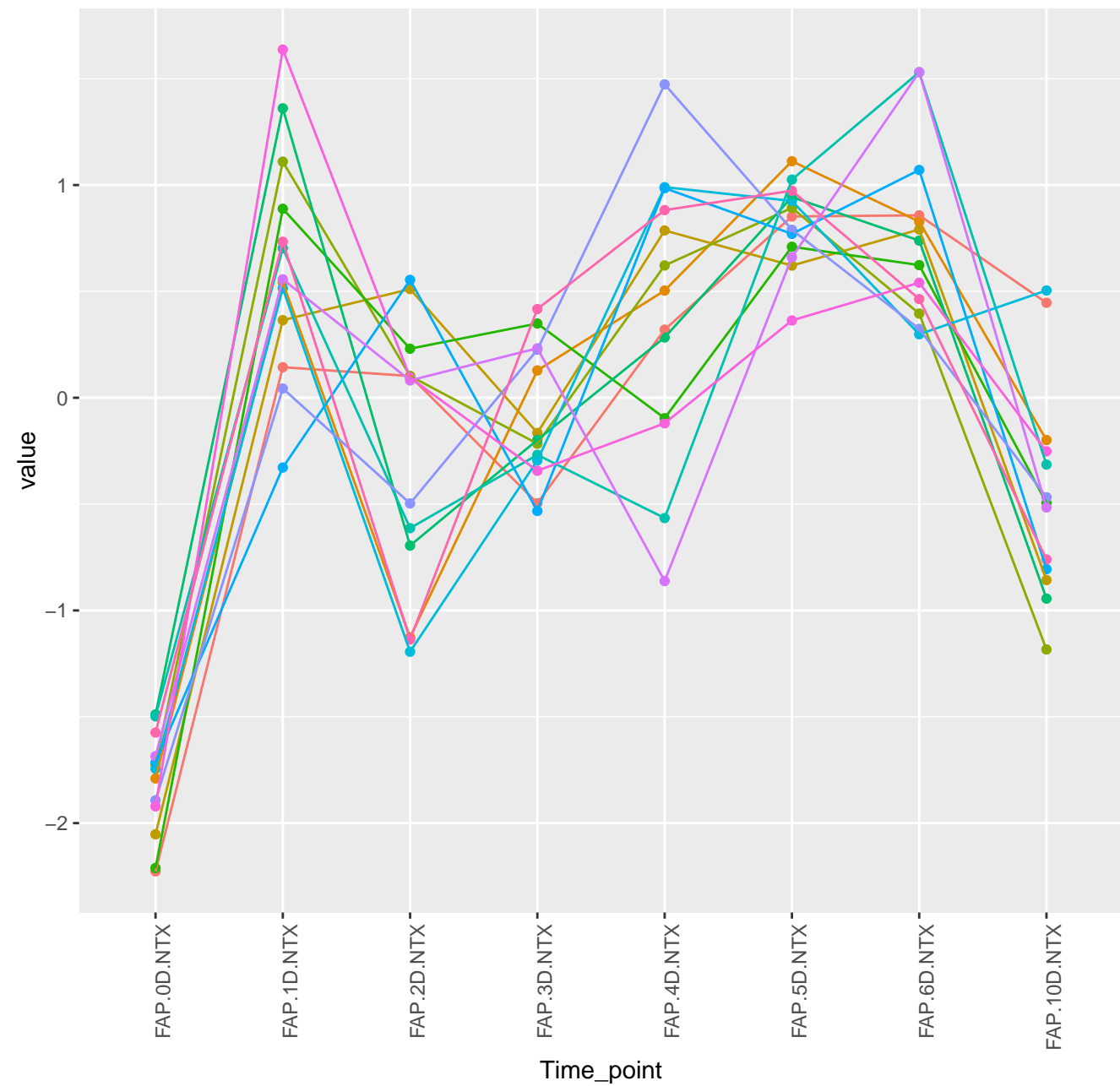
14 genes – cluster 20



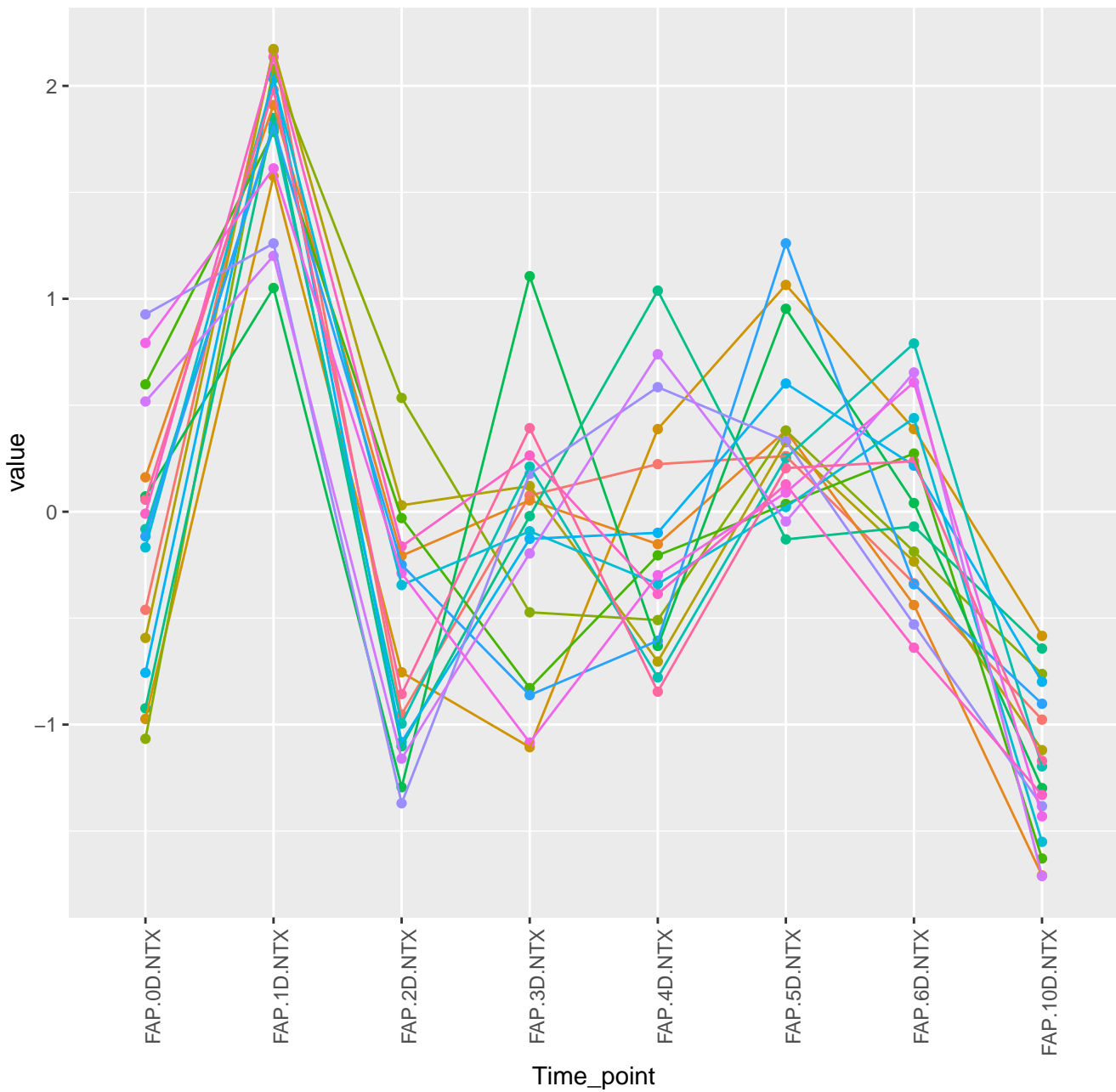
13 genes – cluster 21



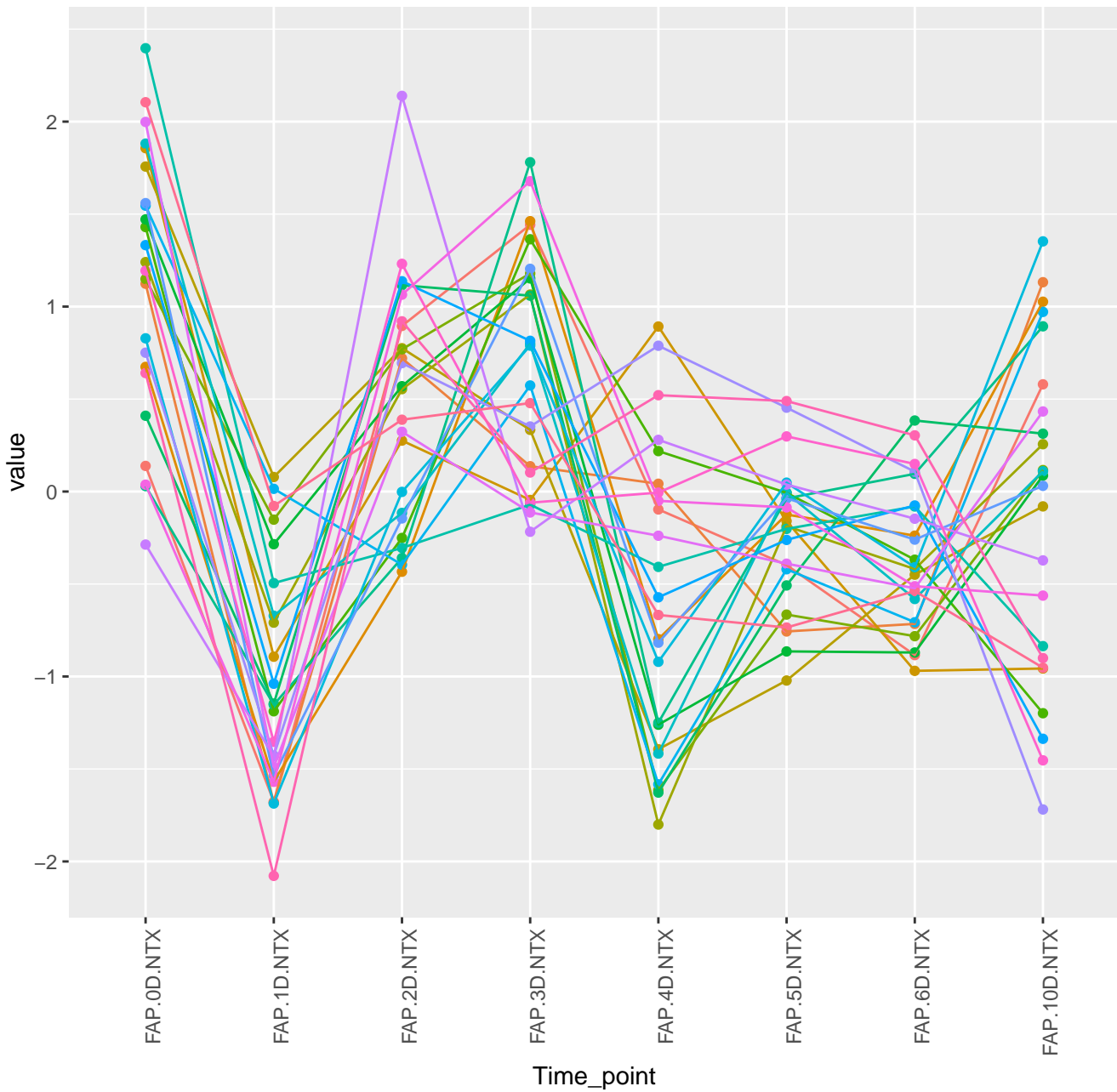
13 genes – cluster 22



## 17 genes – cluster 23

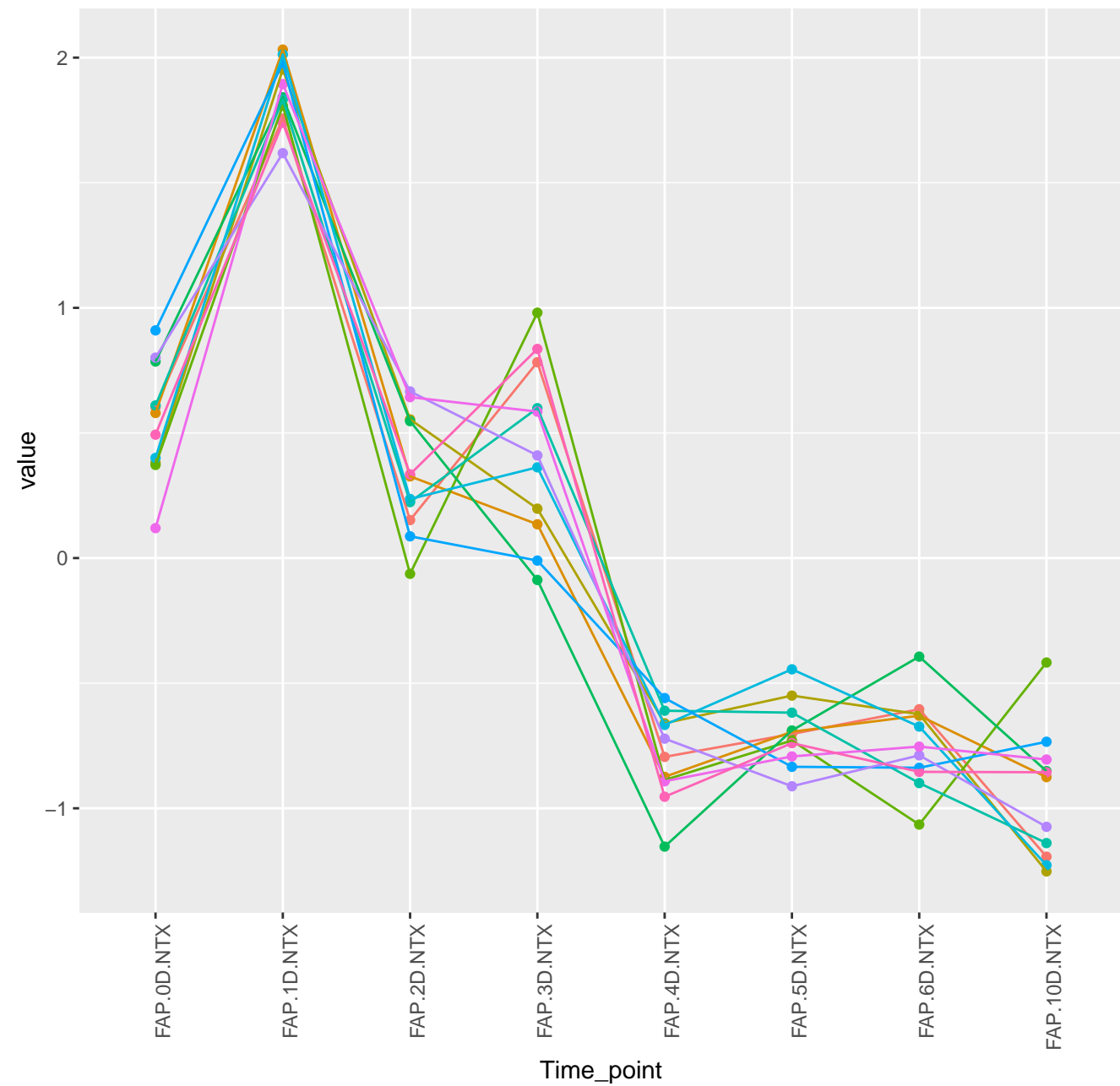


24 genes – cluster 24

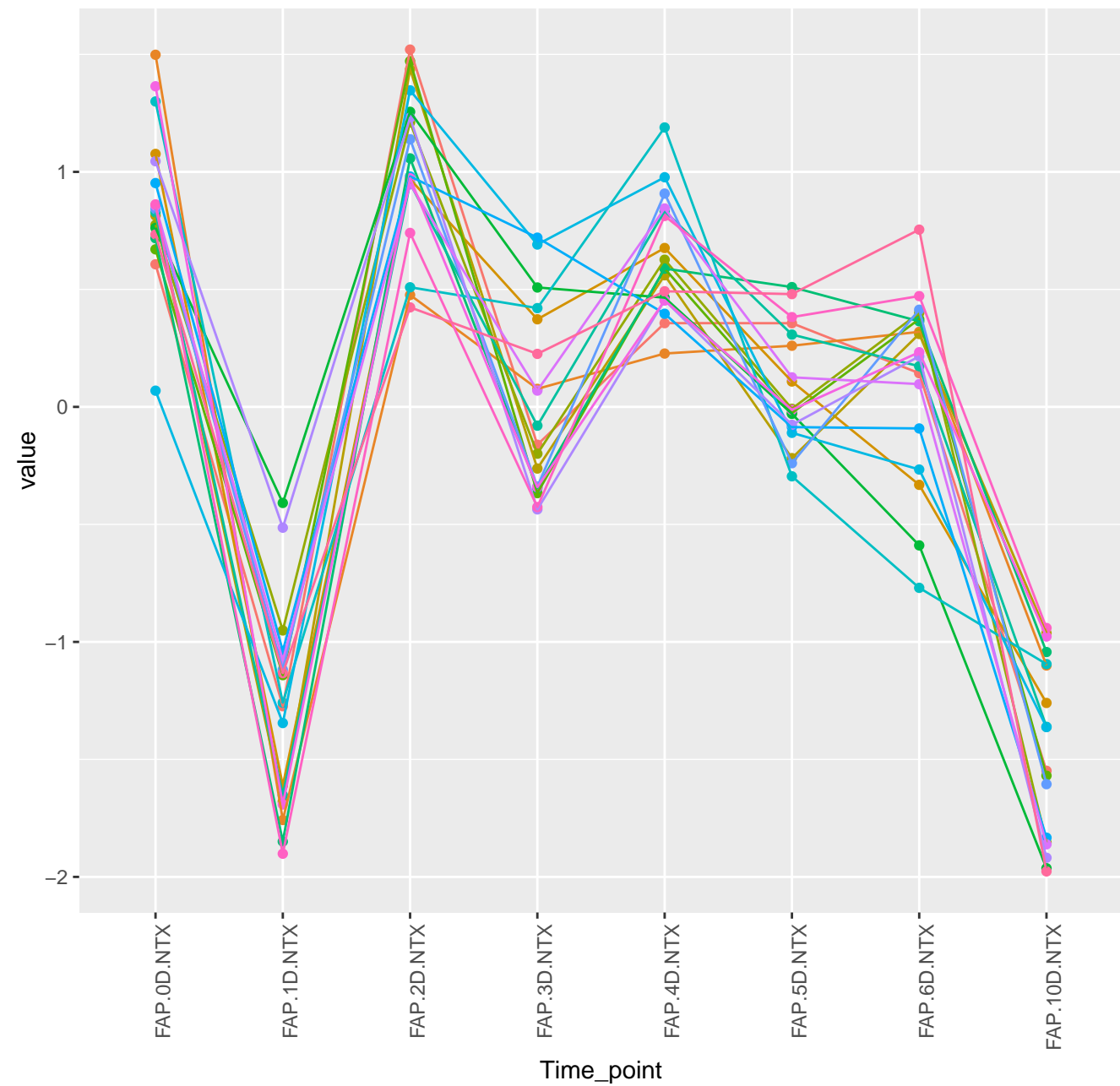




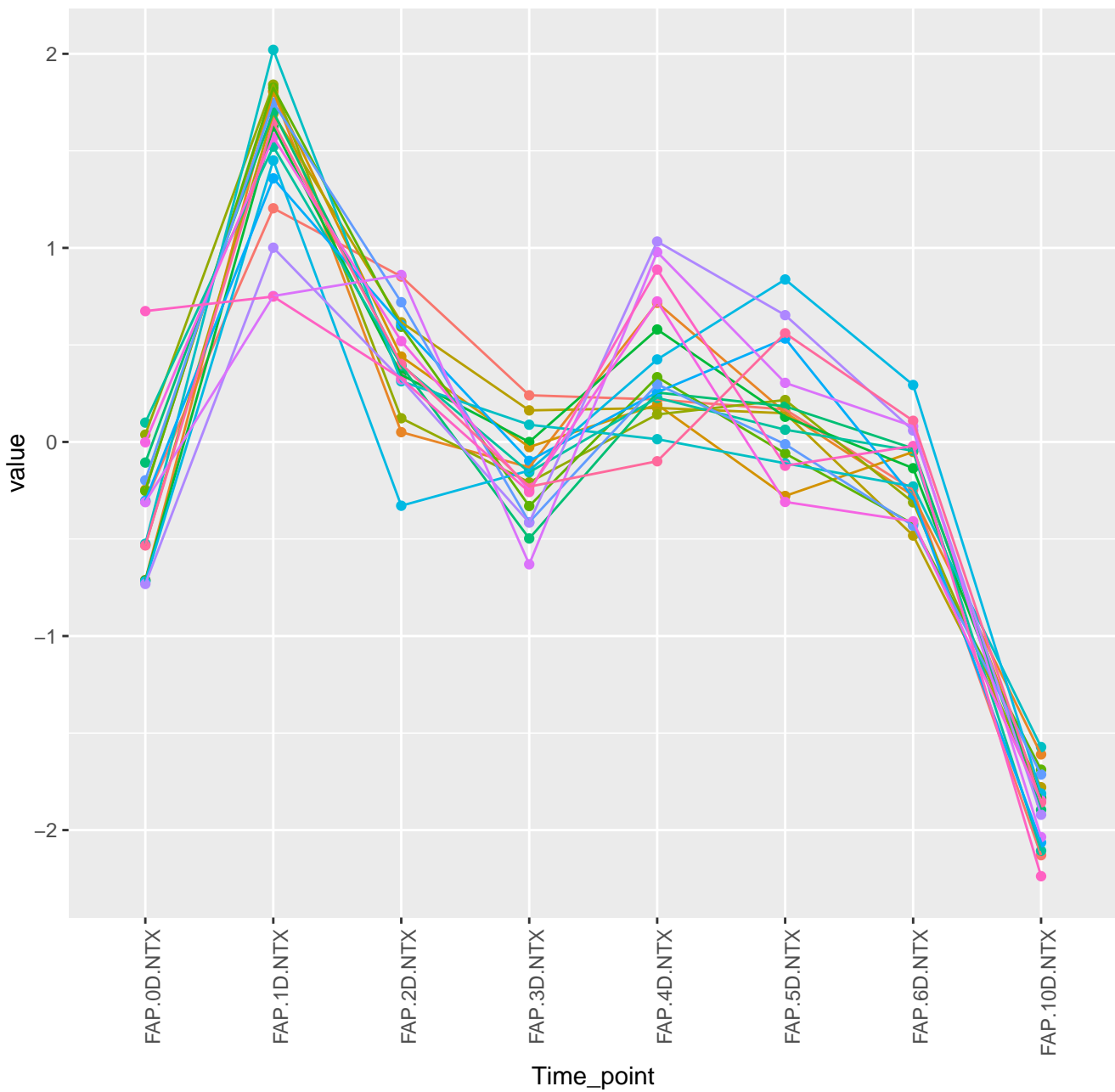
11 genes – cluster 25



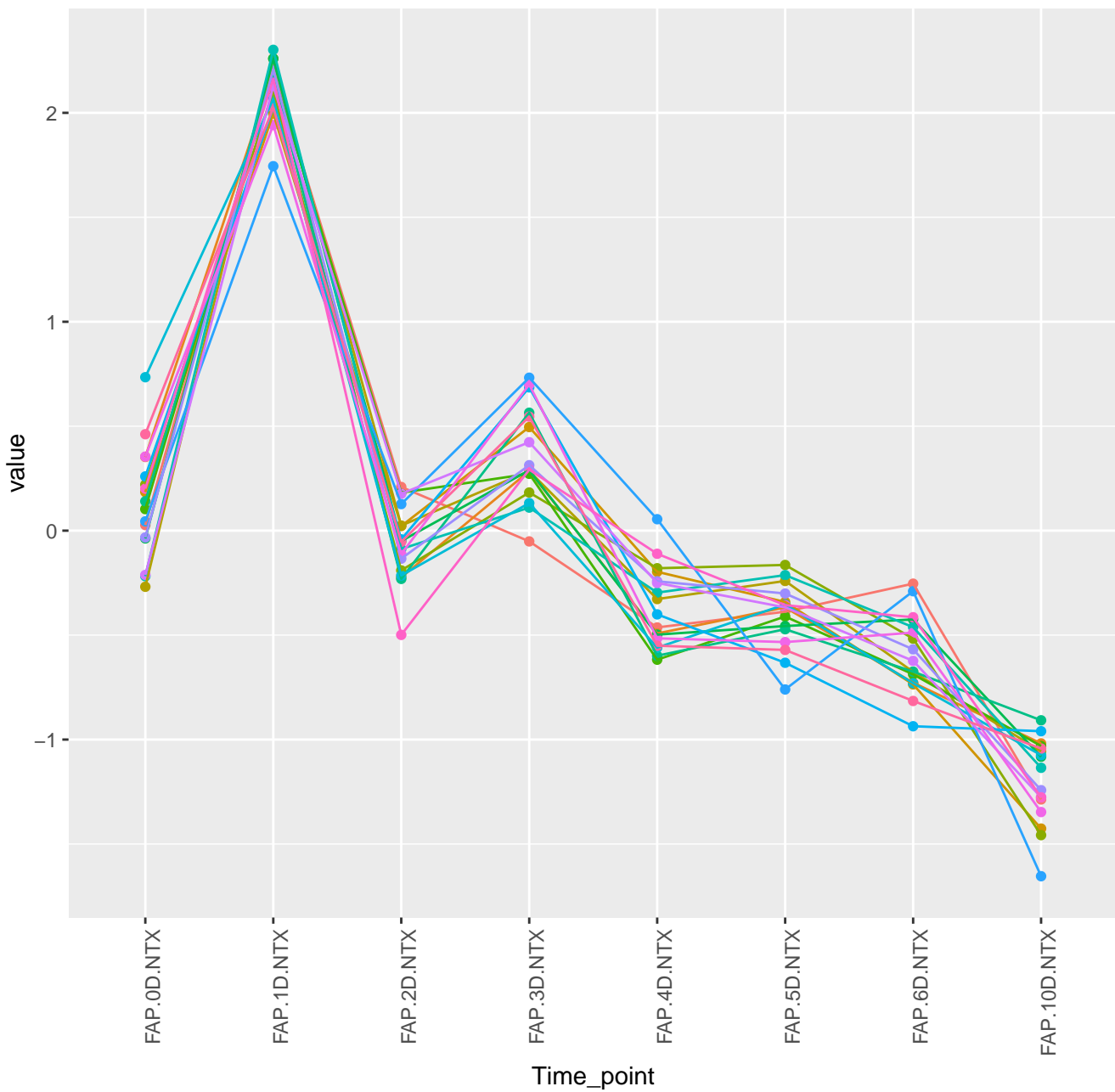
18 genes – cluster 26



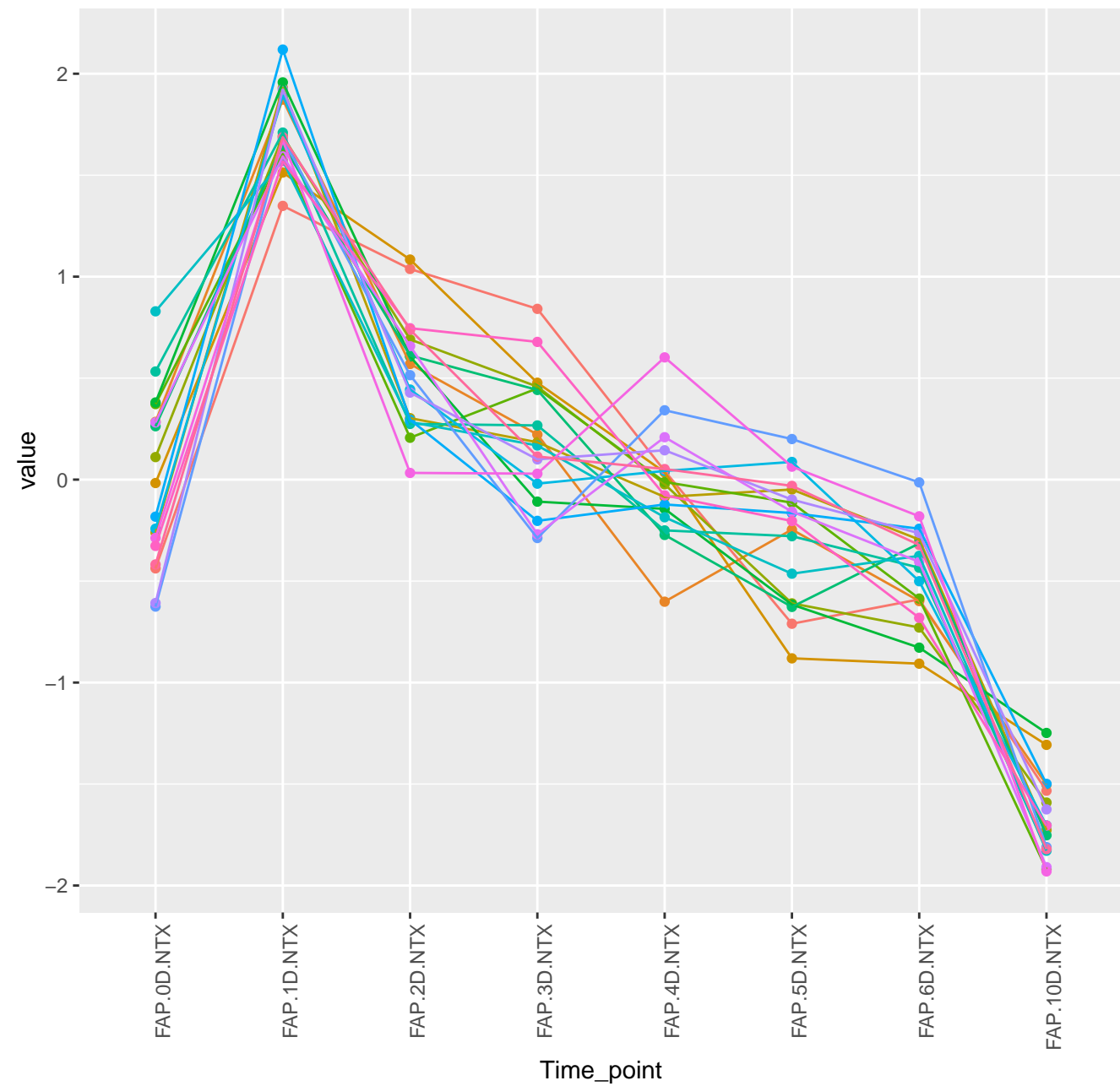
18 genes – cluster 27



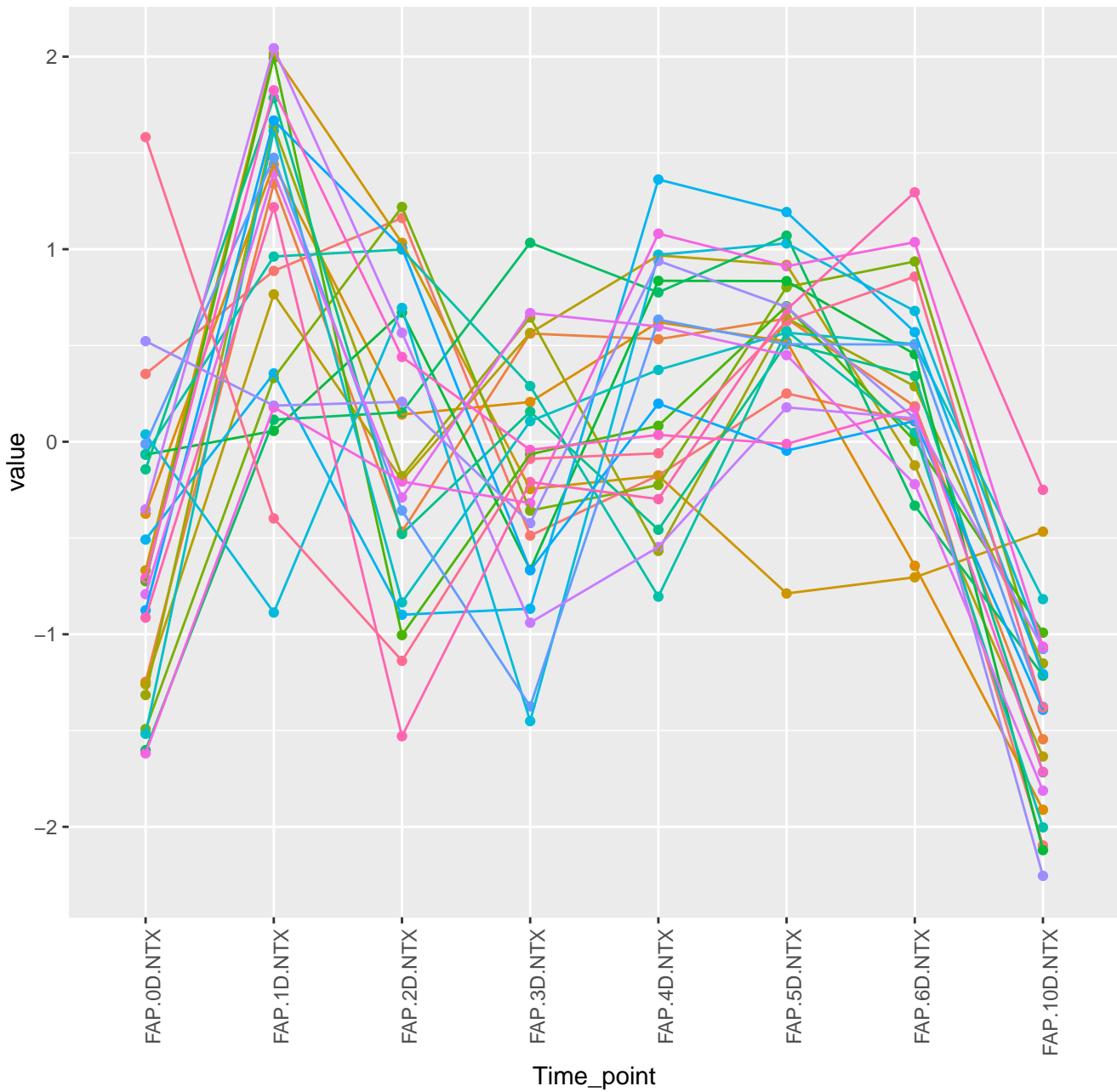
17 genes – cluster 28



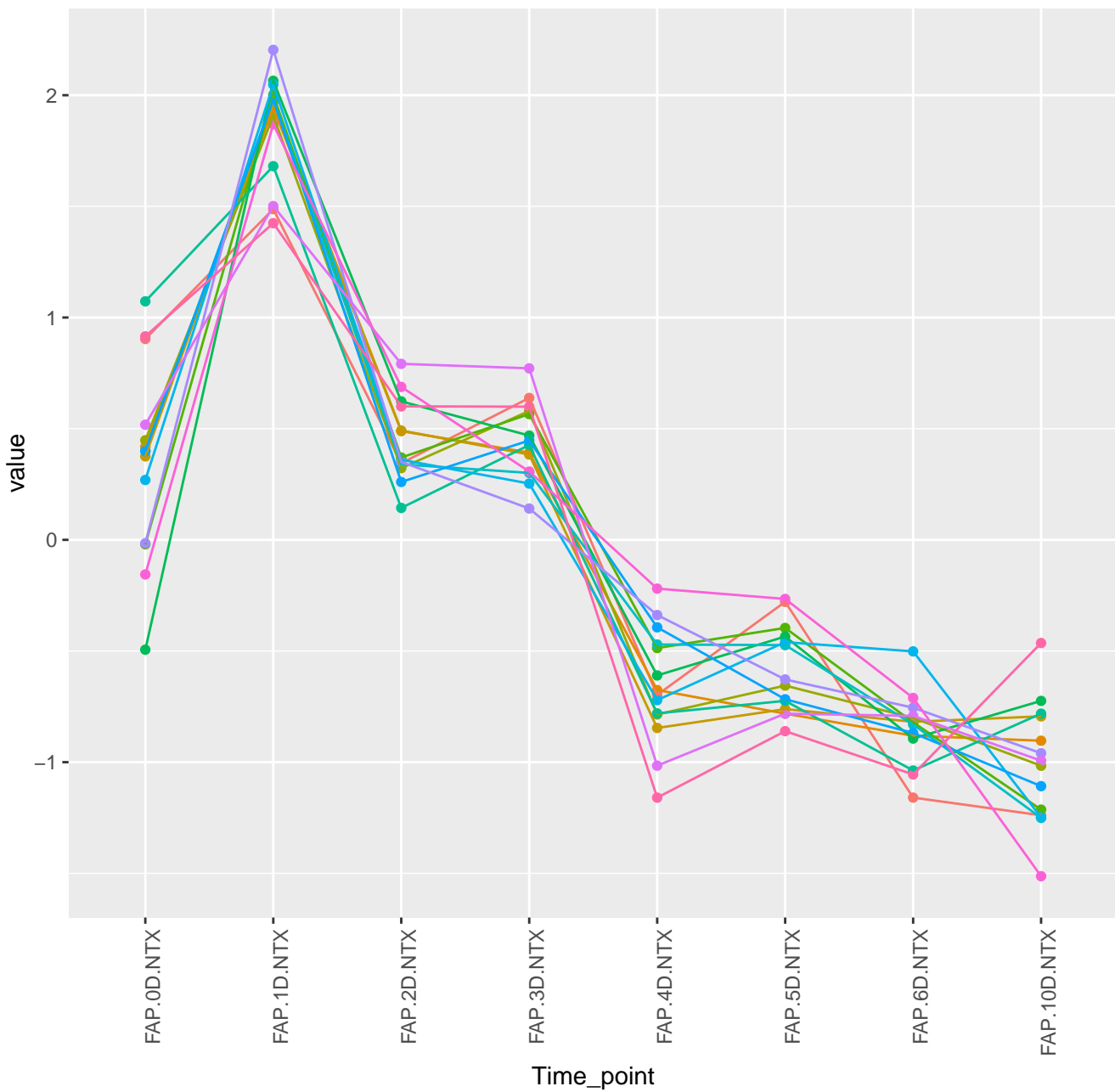
18 genes – cluster 29



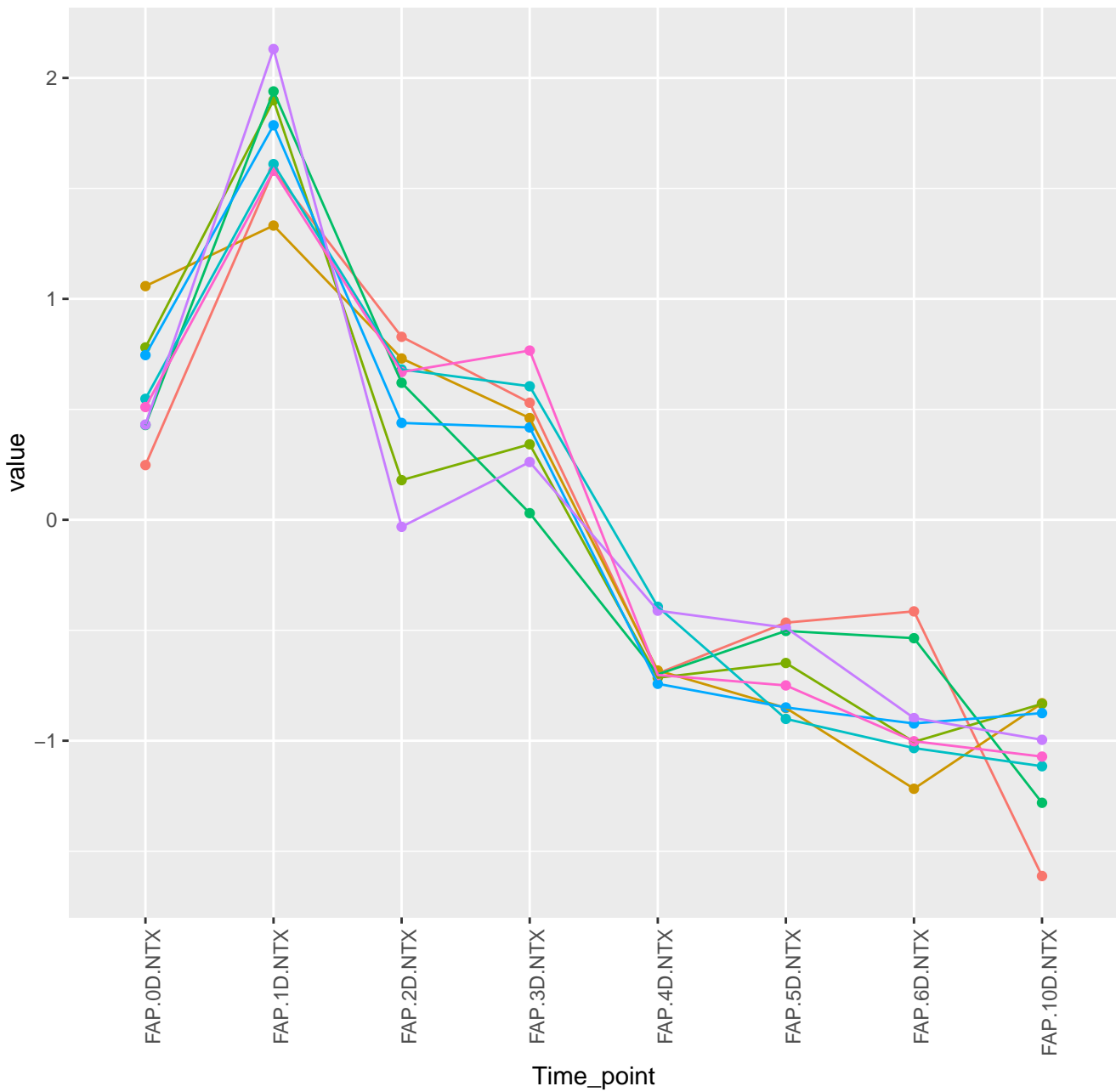
24 genes – cluster 30



14 genes – cluster 31

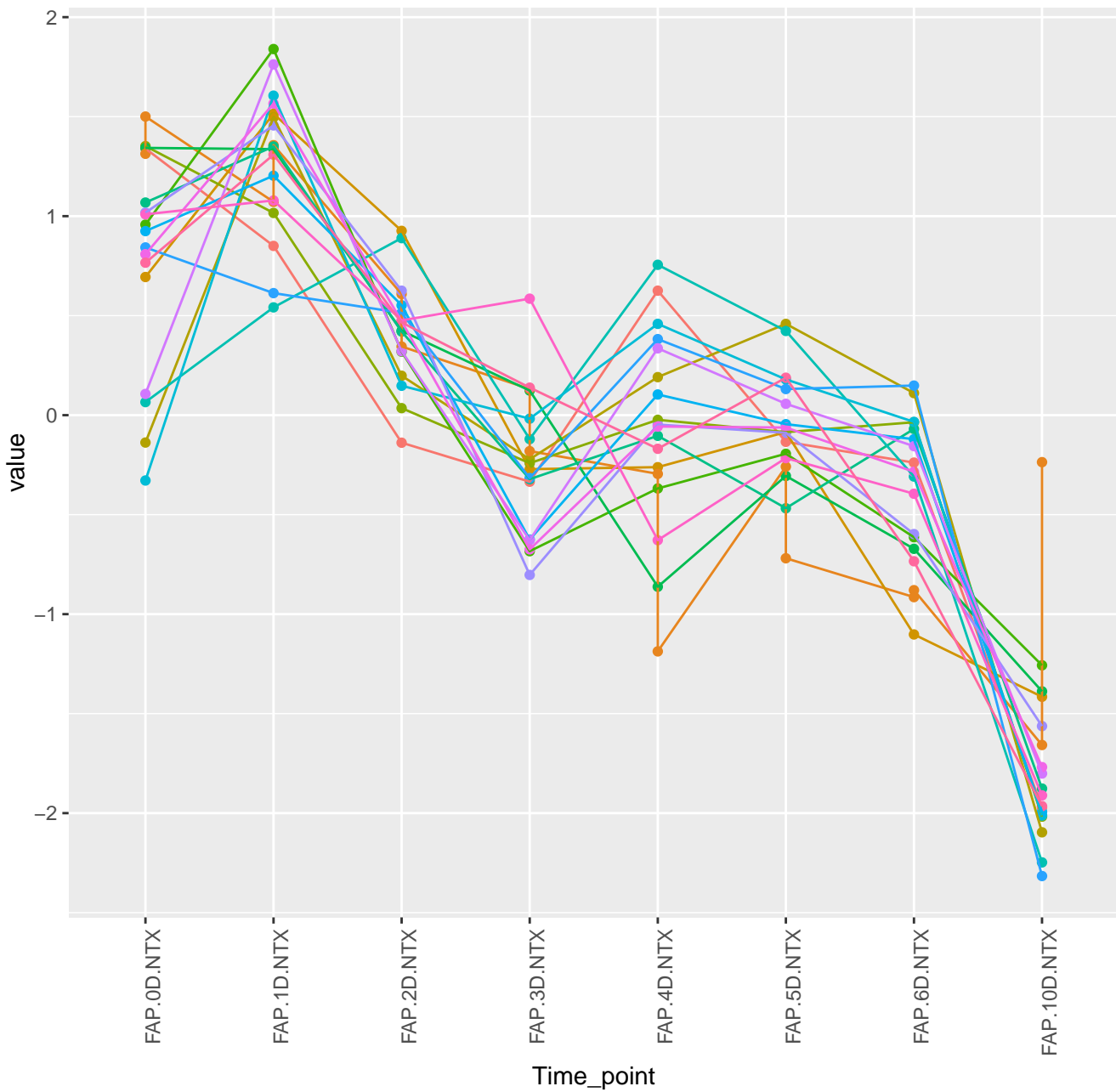


8 genes – cluster 32

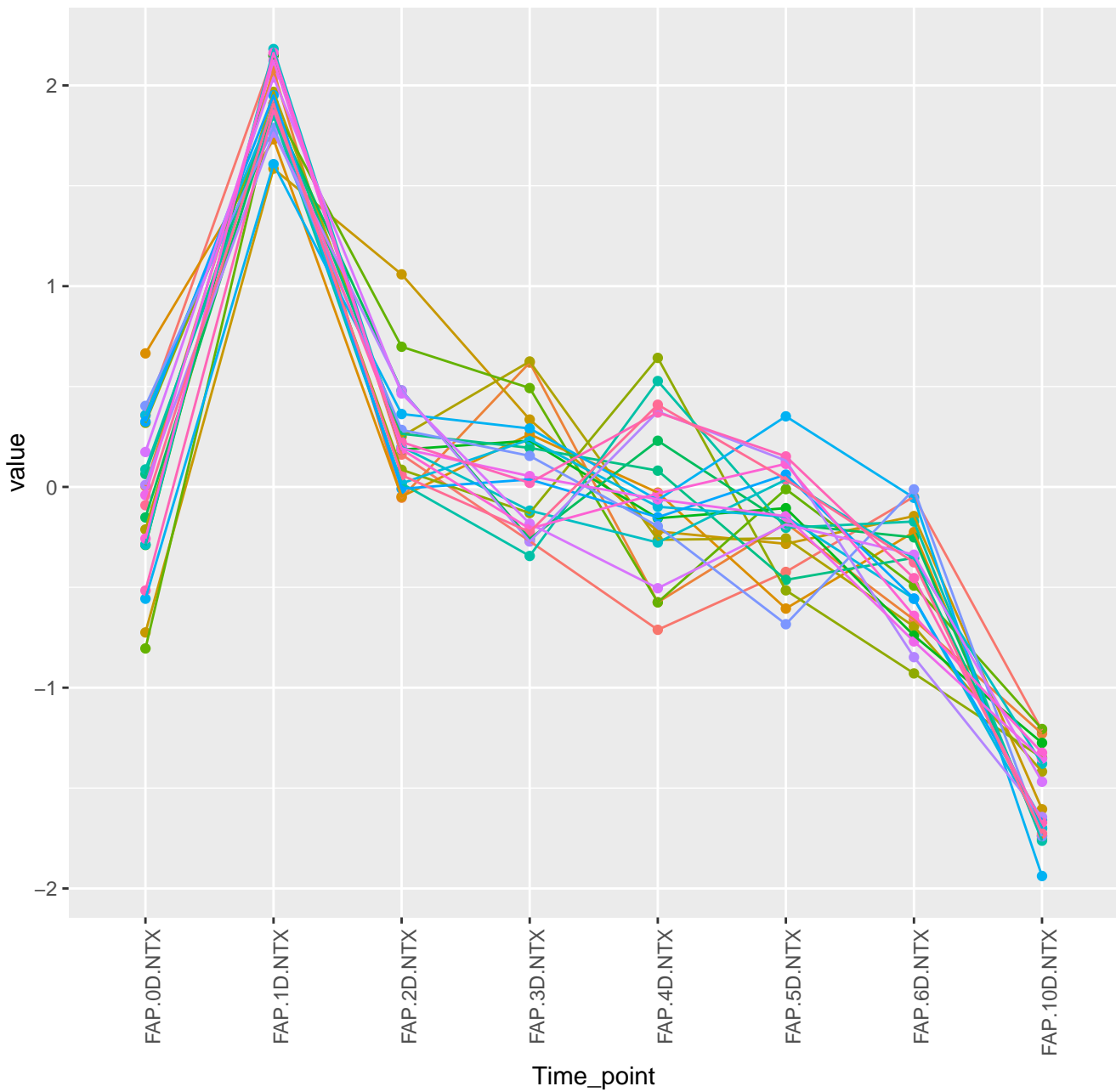




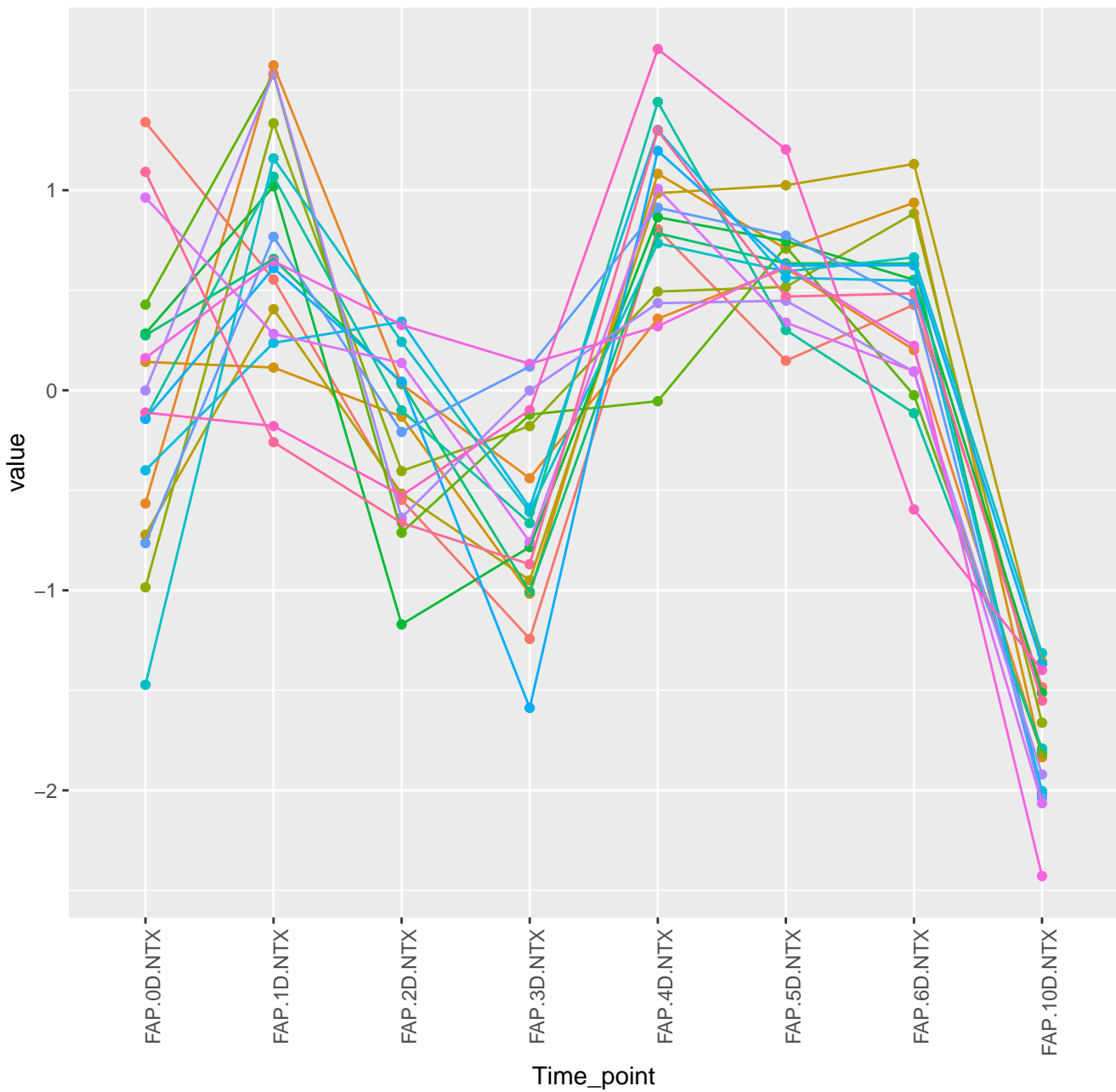
18 genes – cluster 33



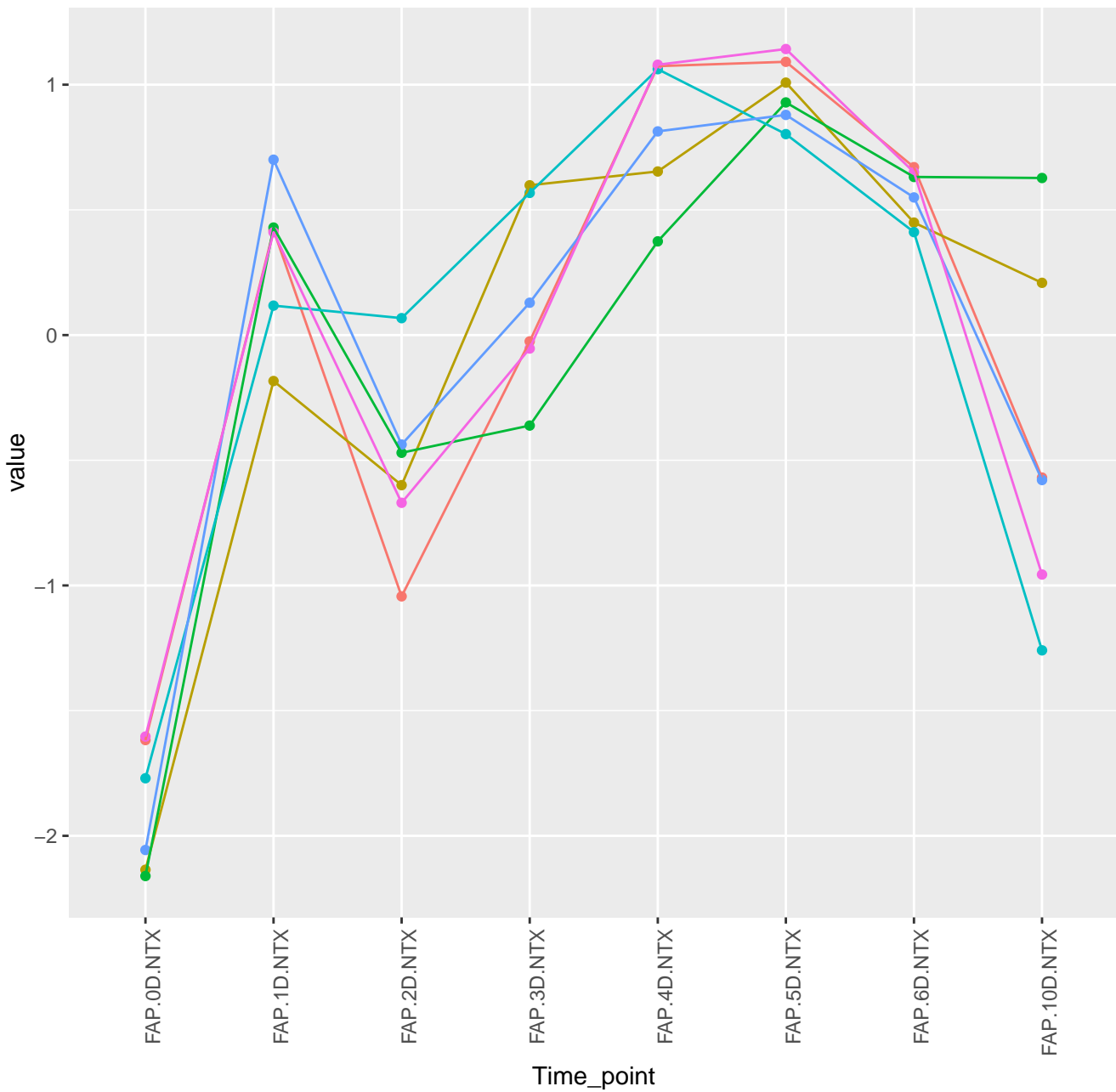
22 genes – cluster 34



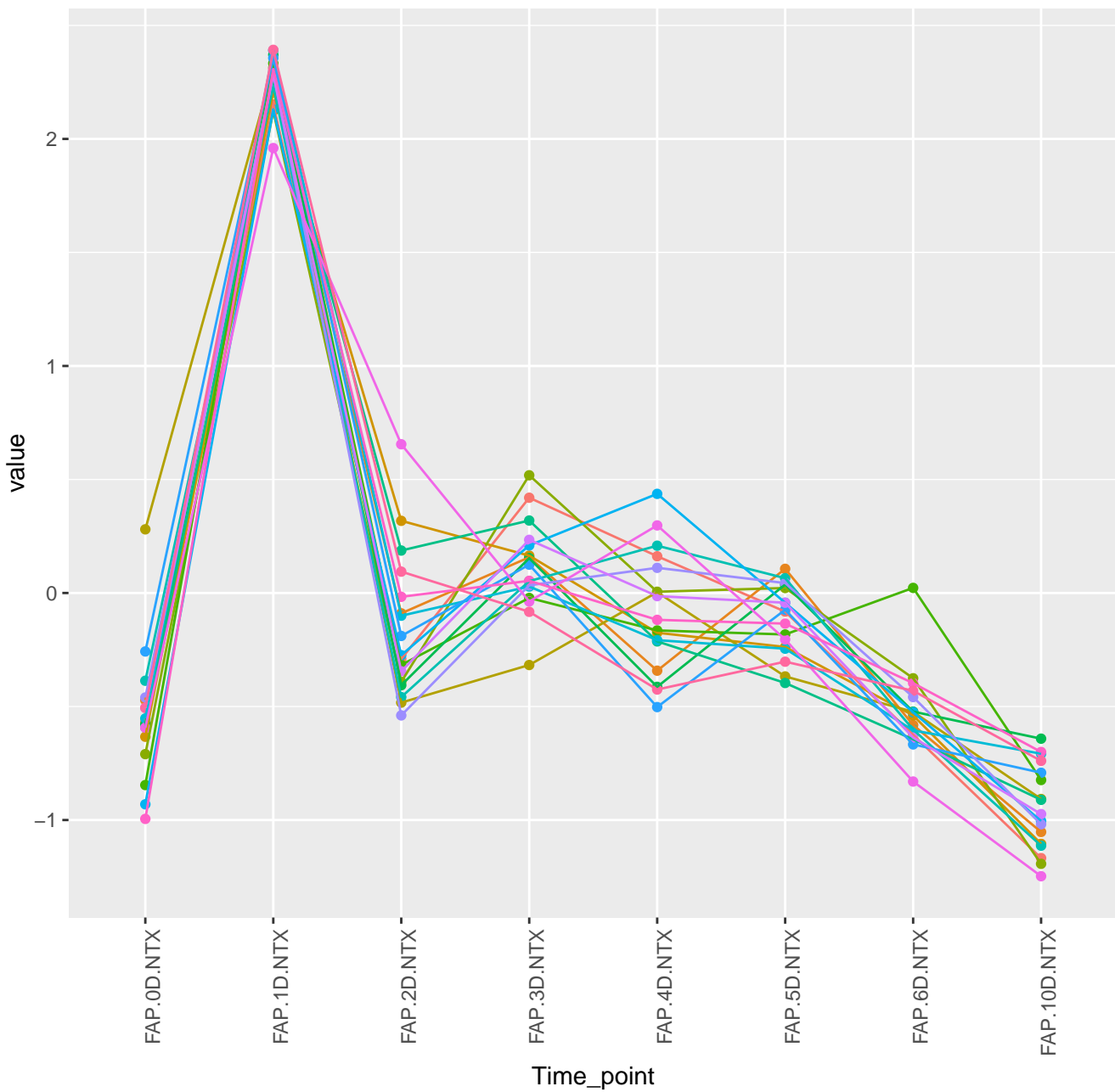
18 genes – cluster 35



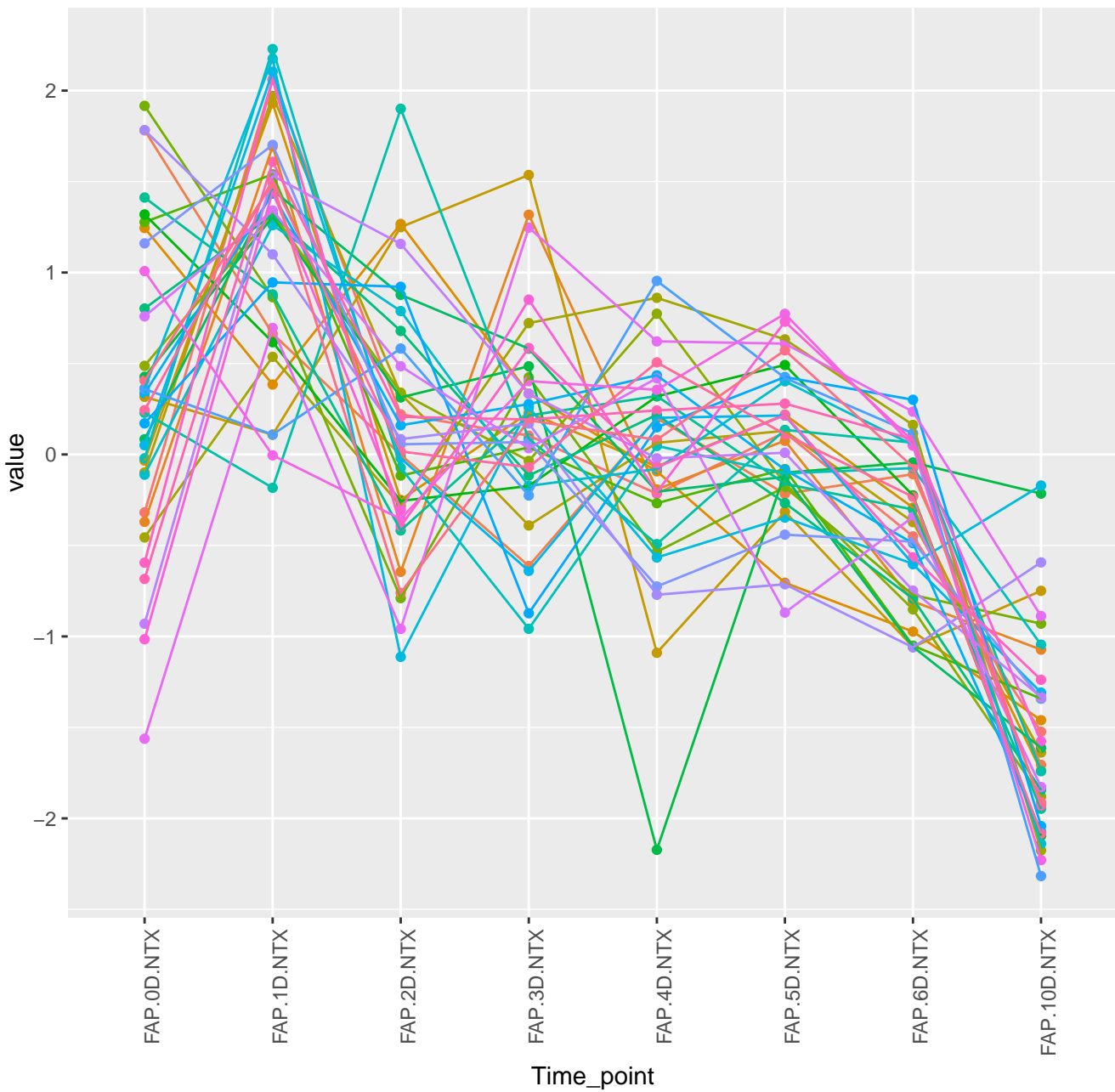
6 genes – cluster 36



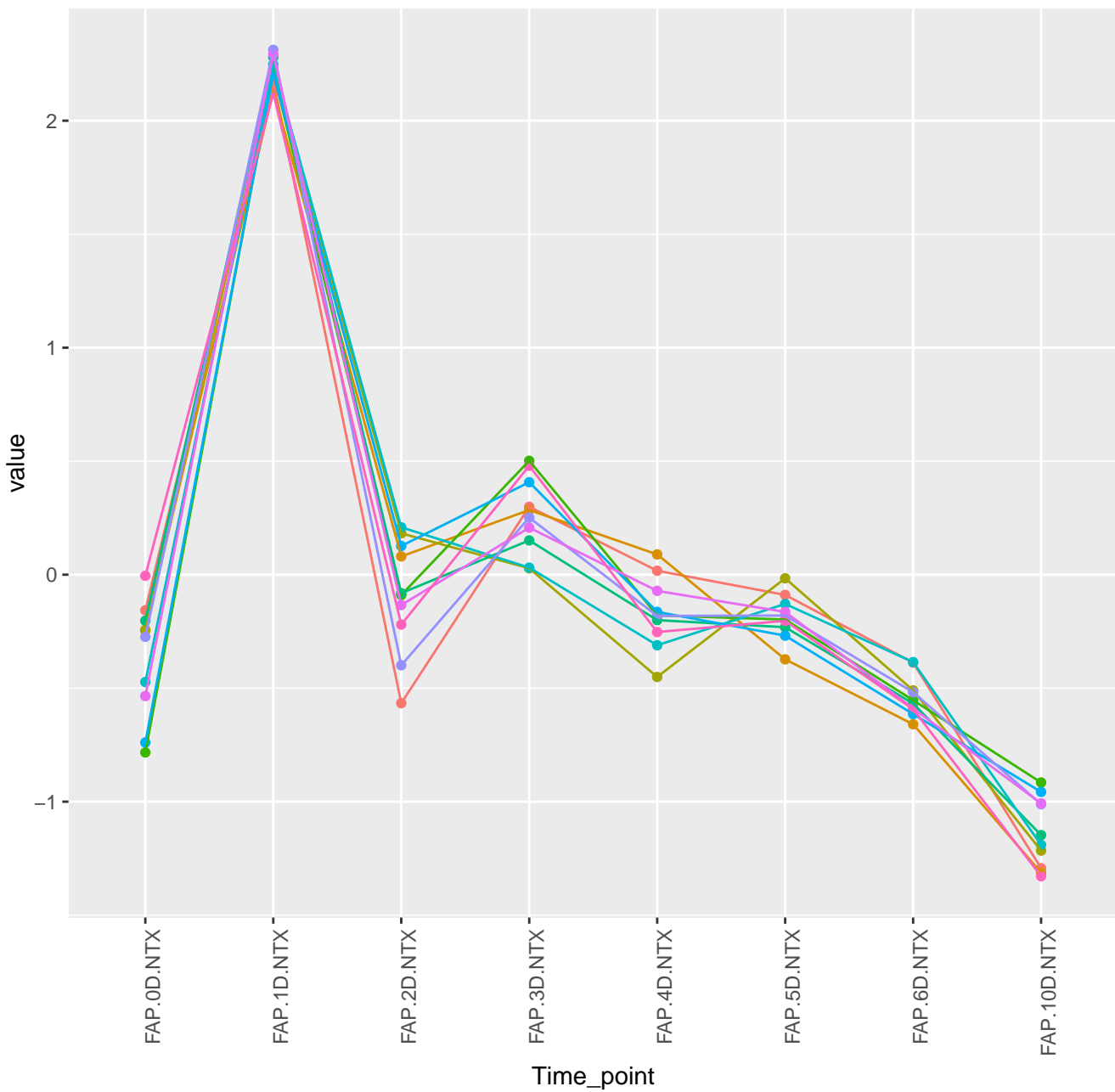
17 genes – cluster 37



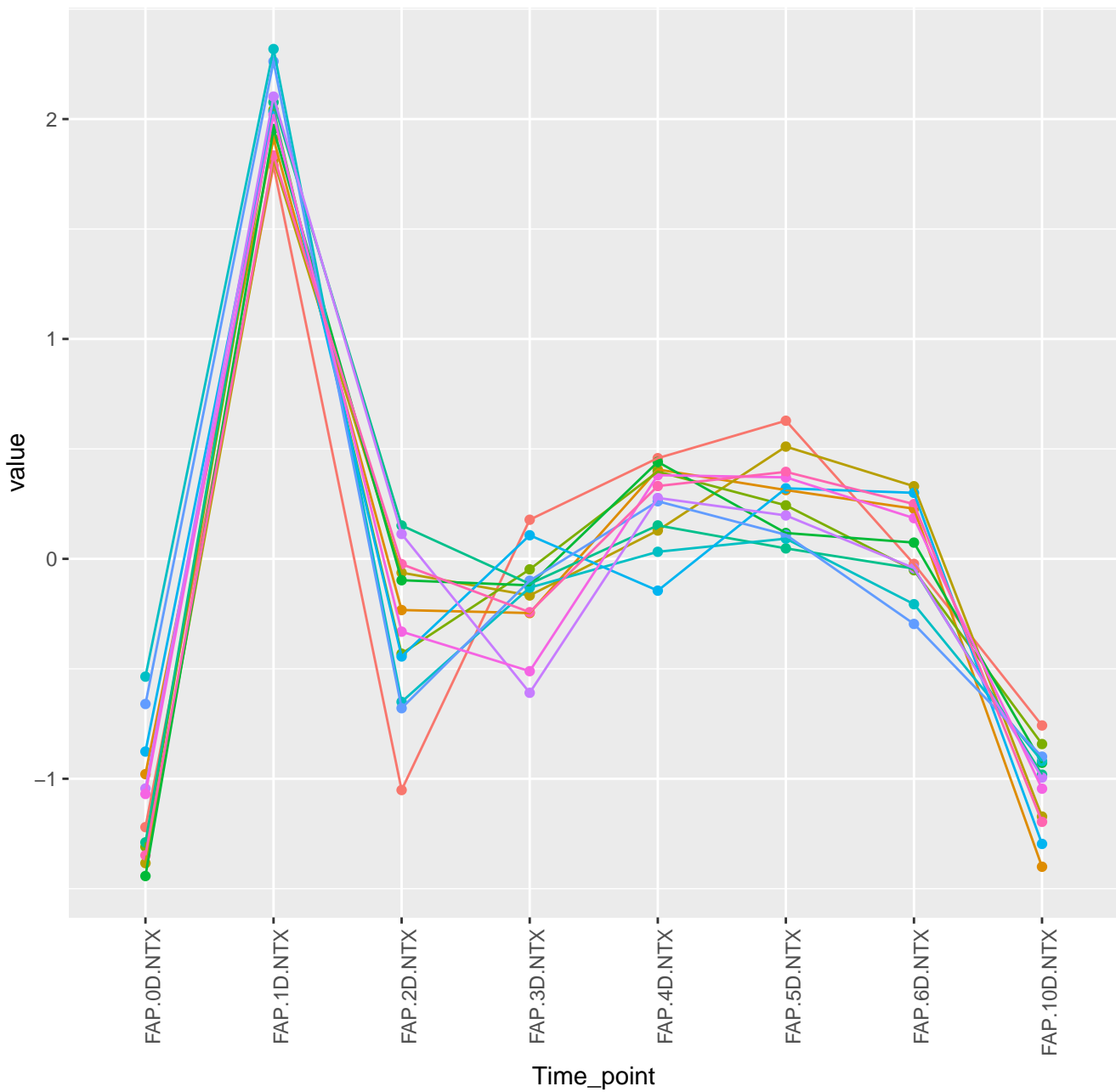
35 genes – cluster 38



10 genes – cluster 39

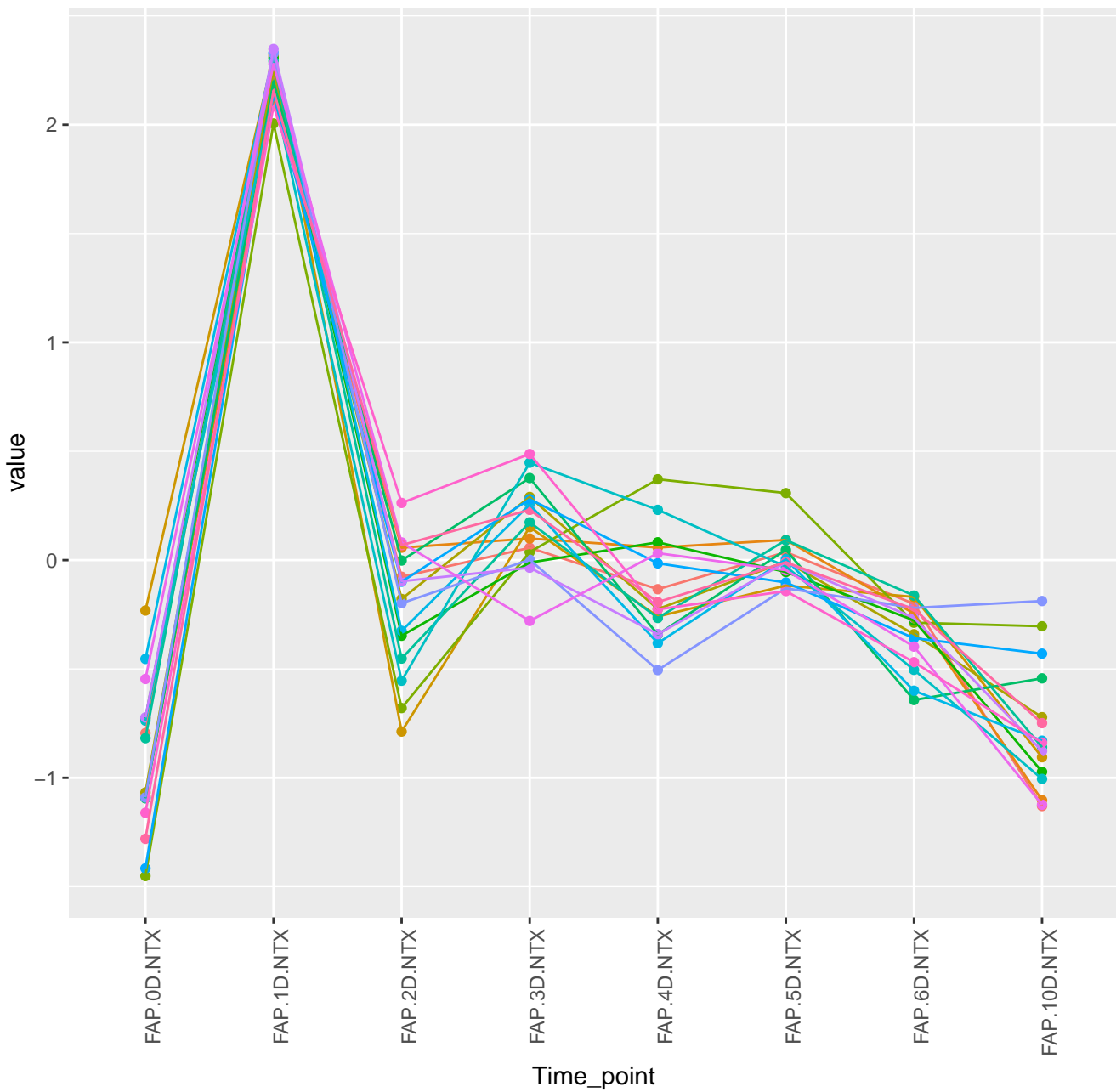


12 genes – cluster 40

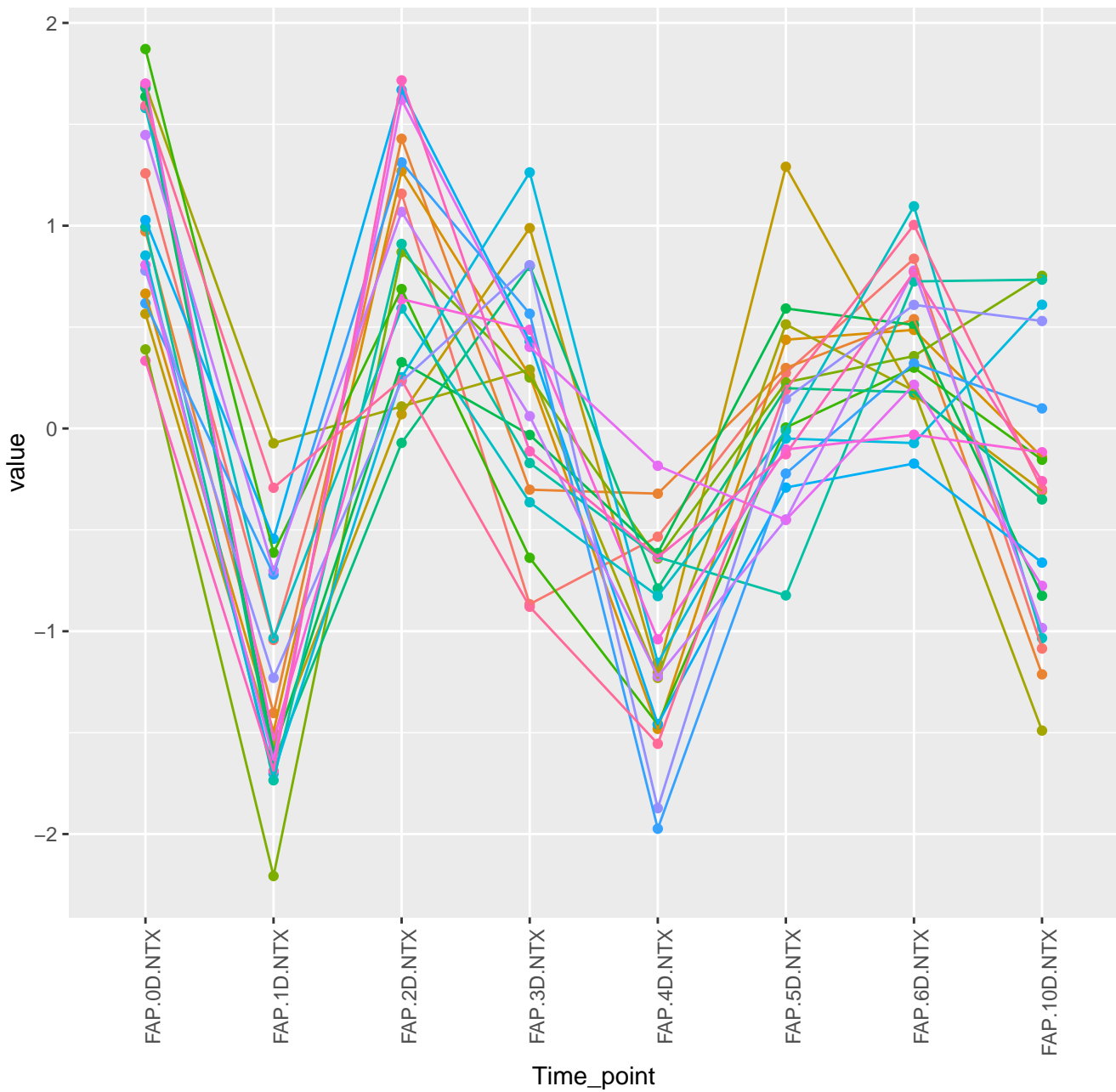




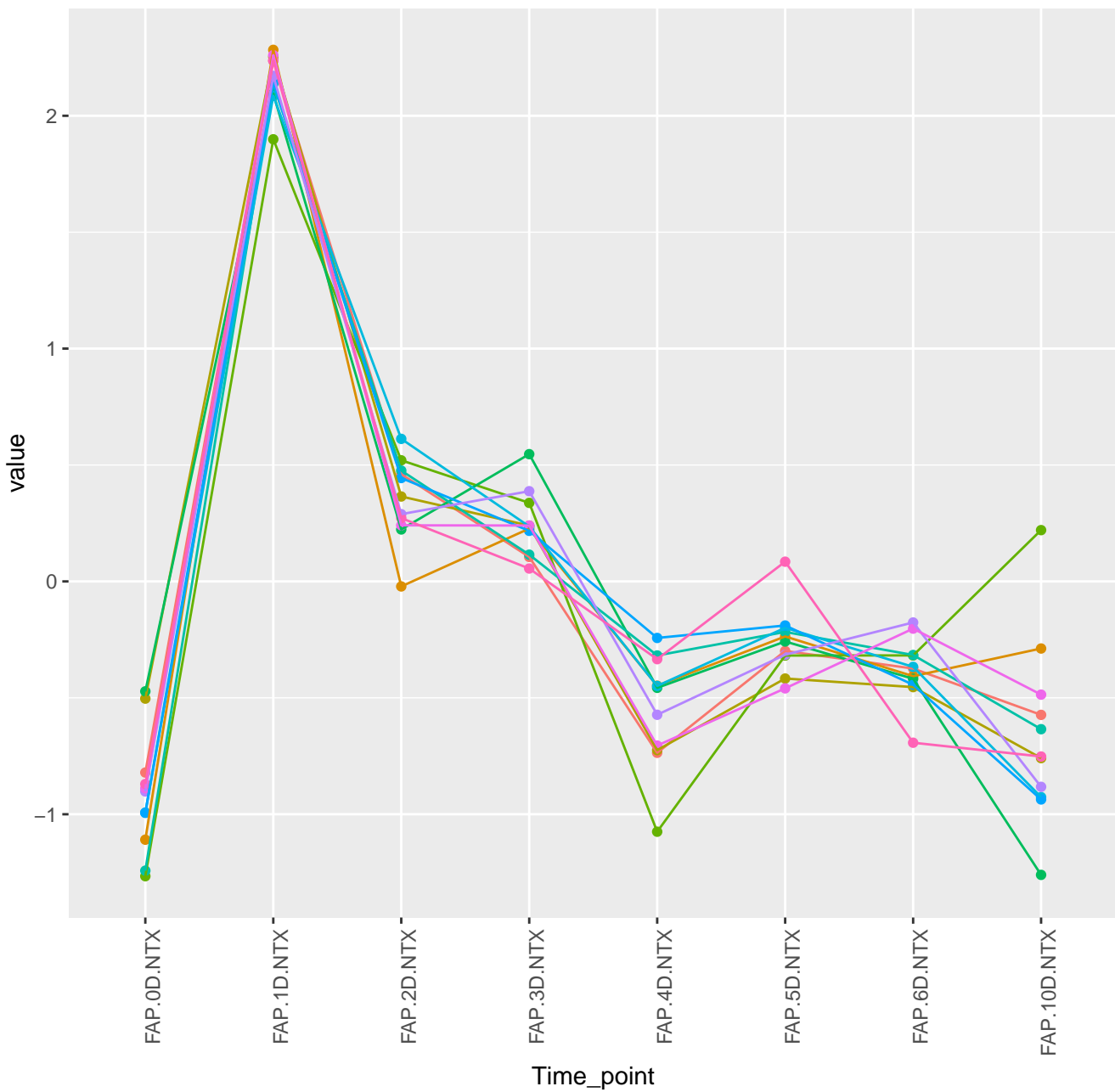
16 genes – cluster 41



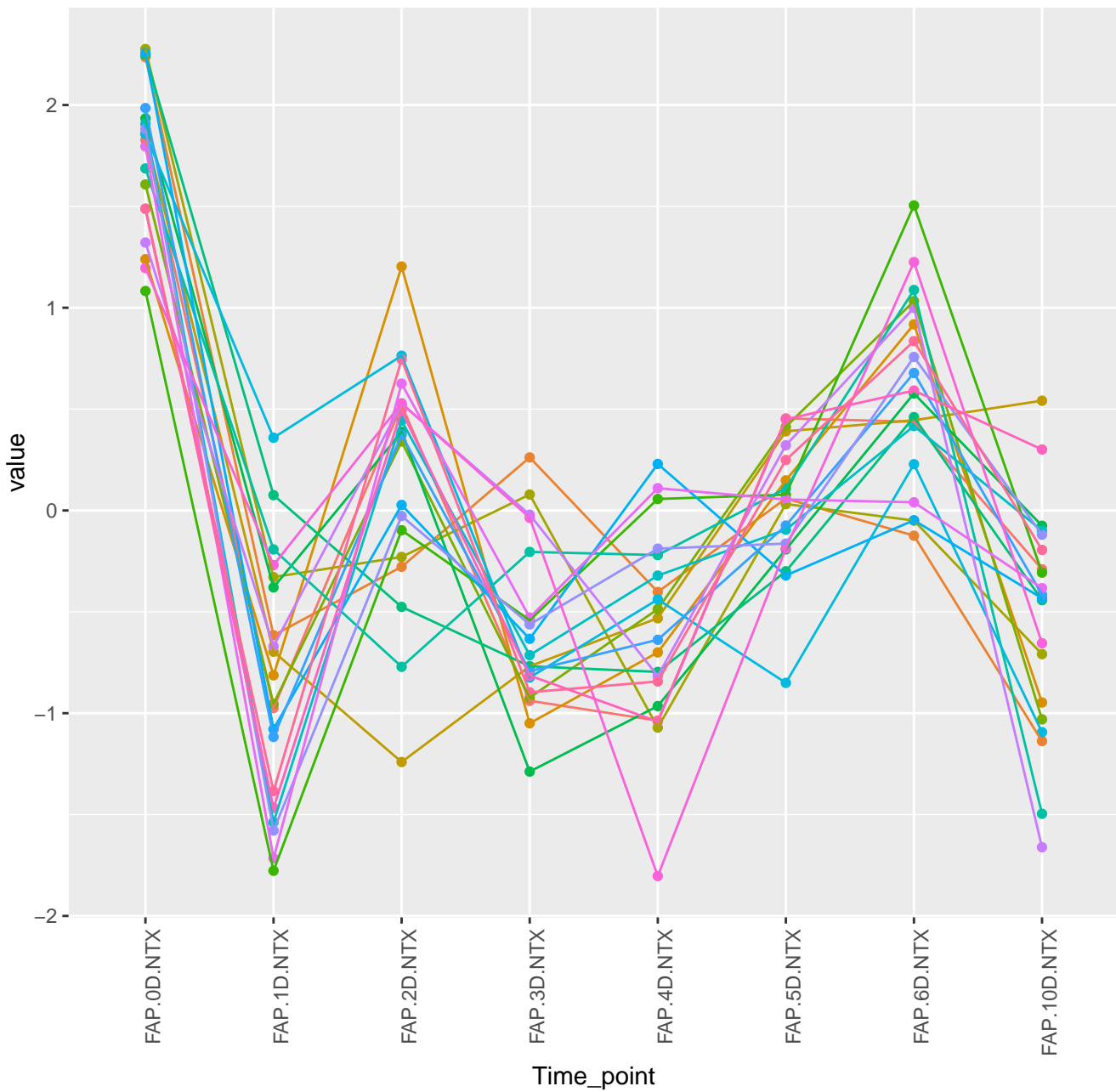
20 genes – cluster 42



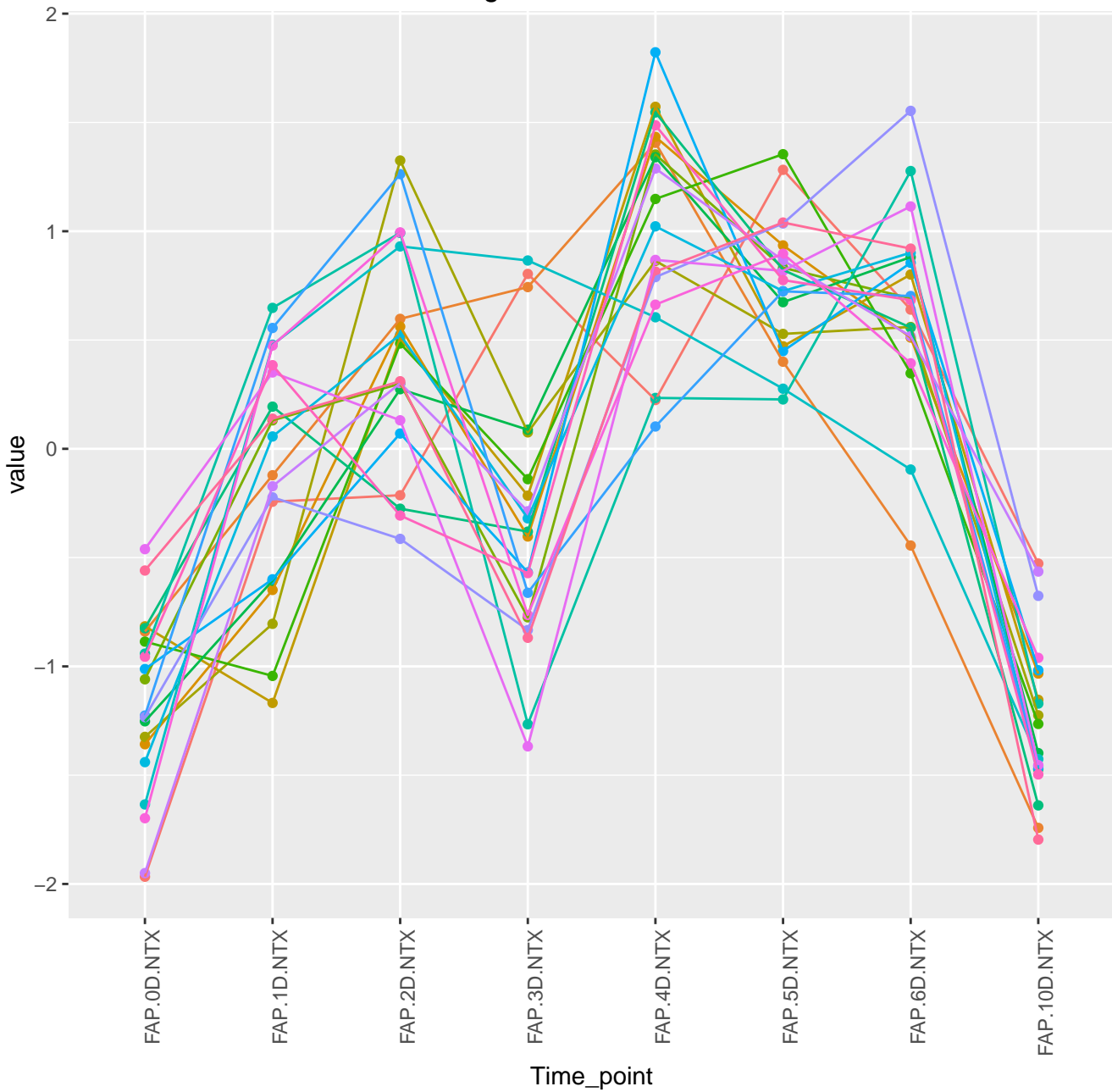
11 genes – cluster 43



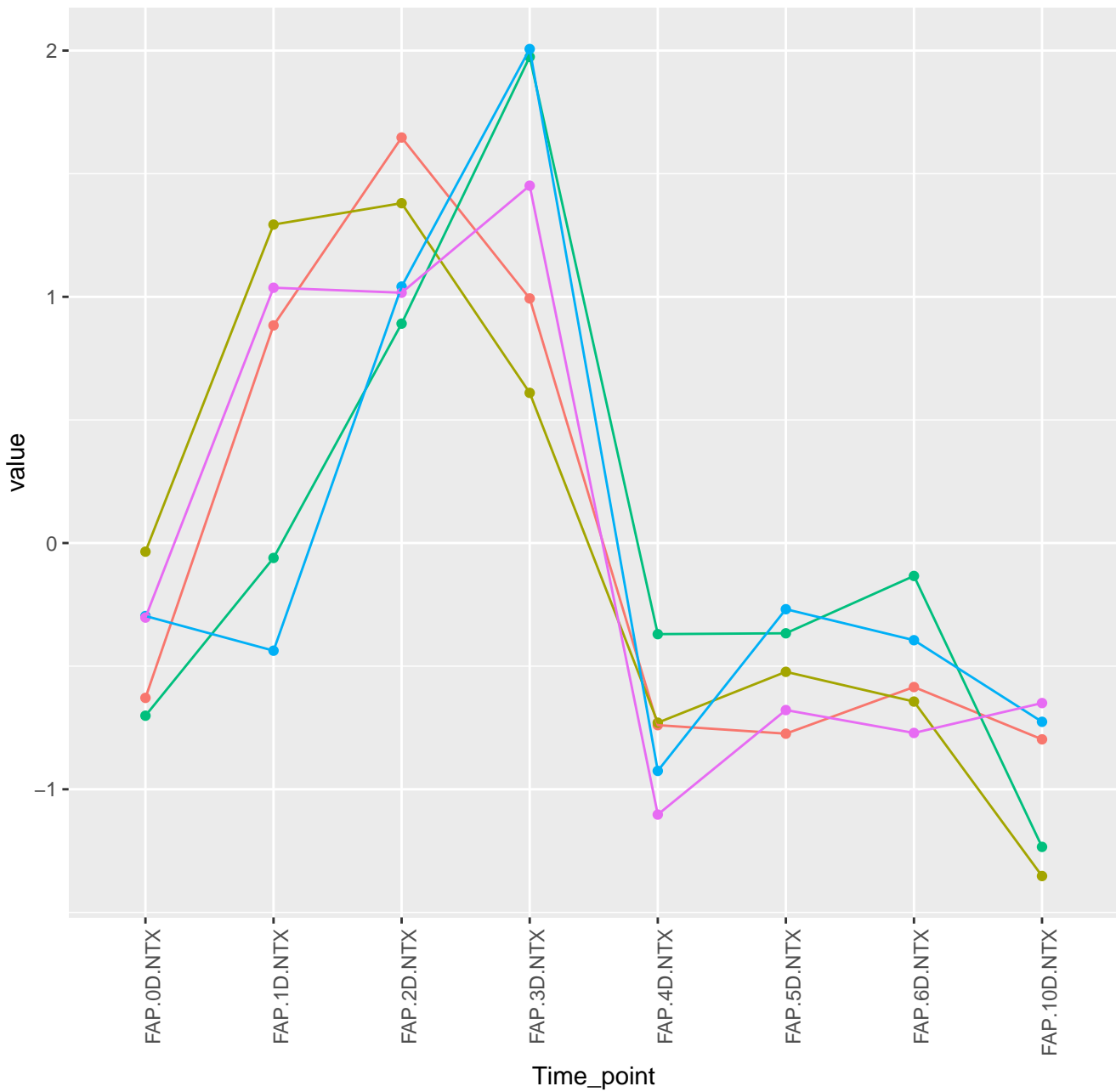
20 genes – cluster 44



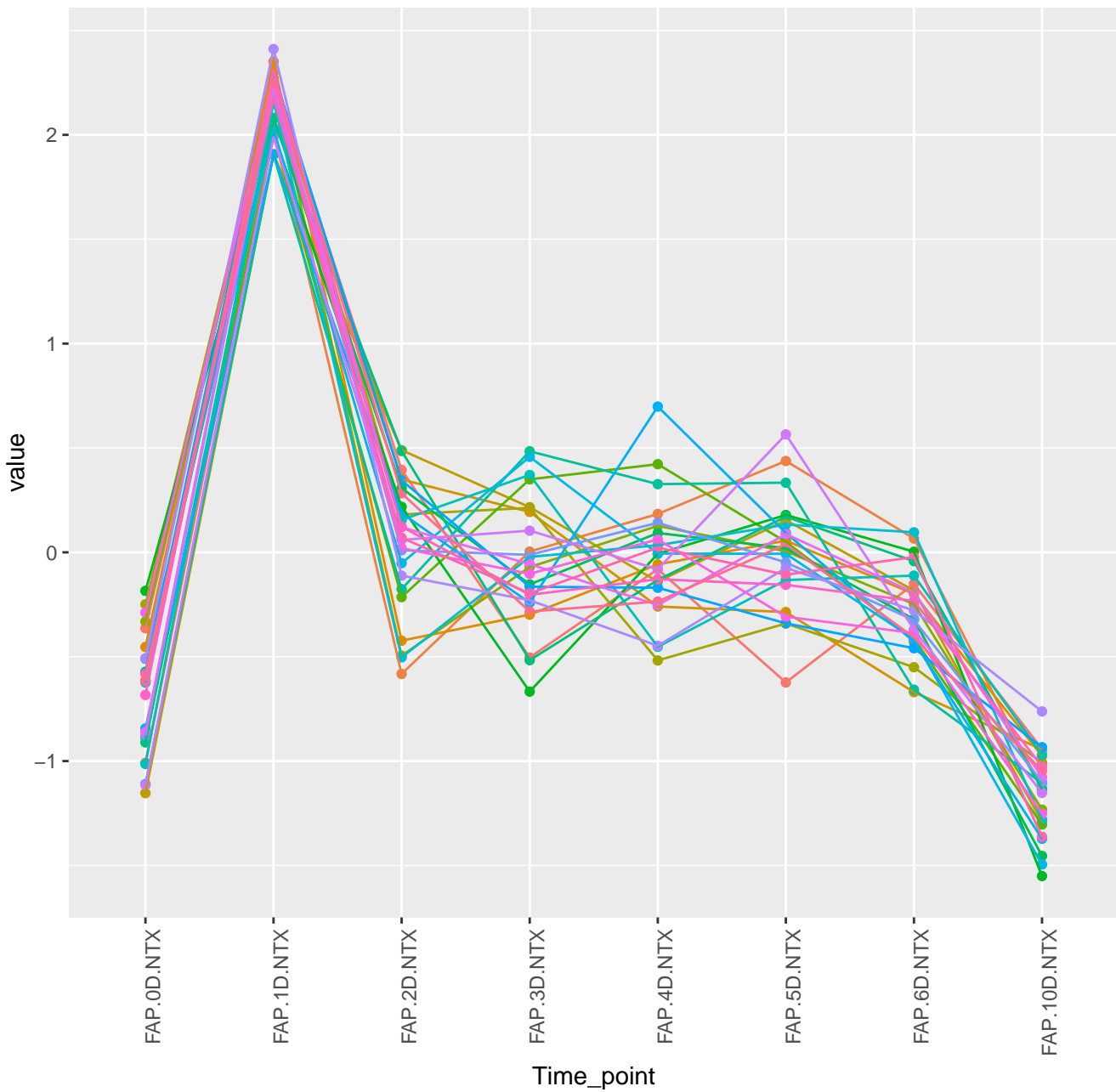
20 genes – cluster 45



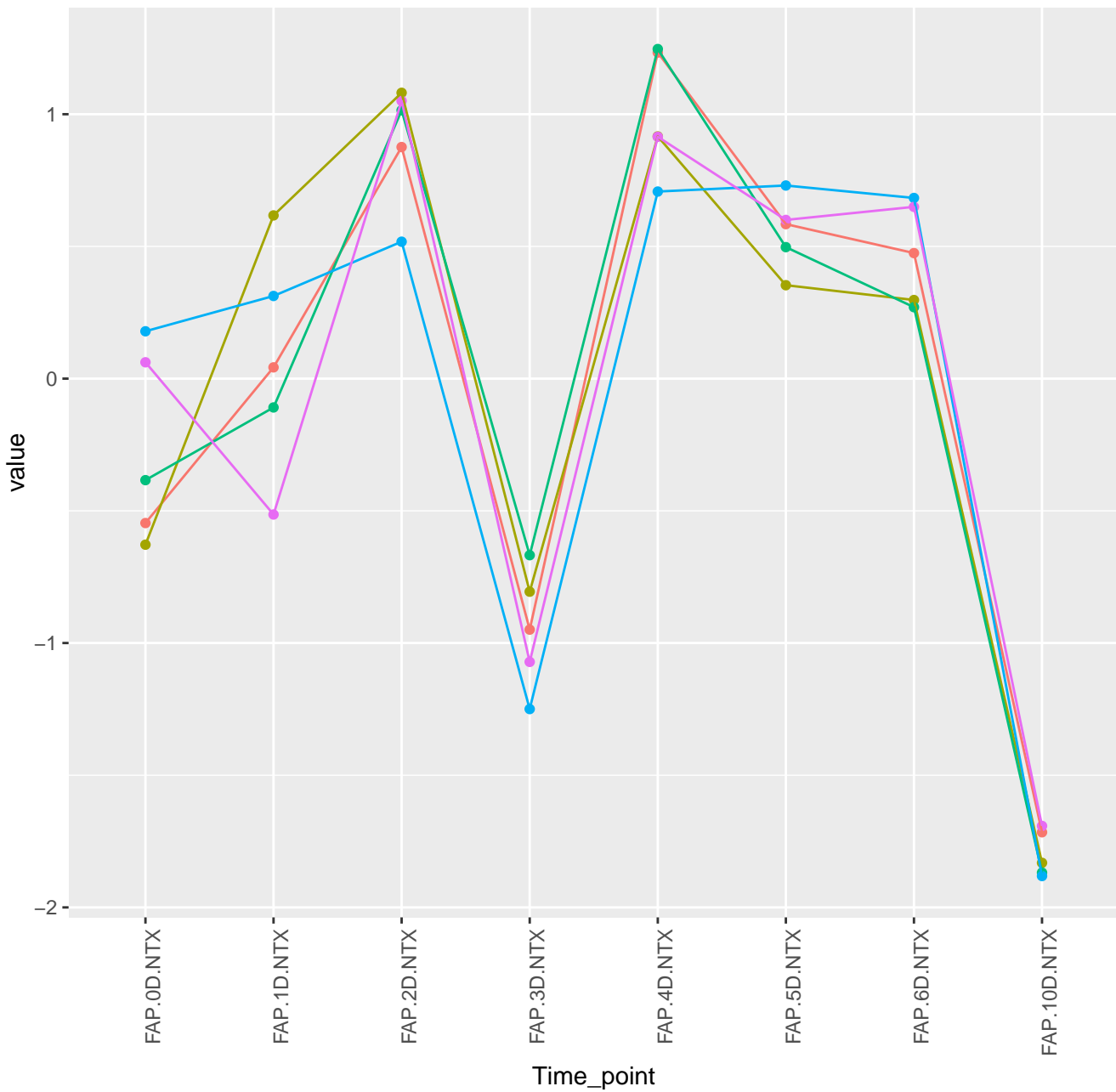
5 genes – cluster 46



25 genes – cluster 47

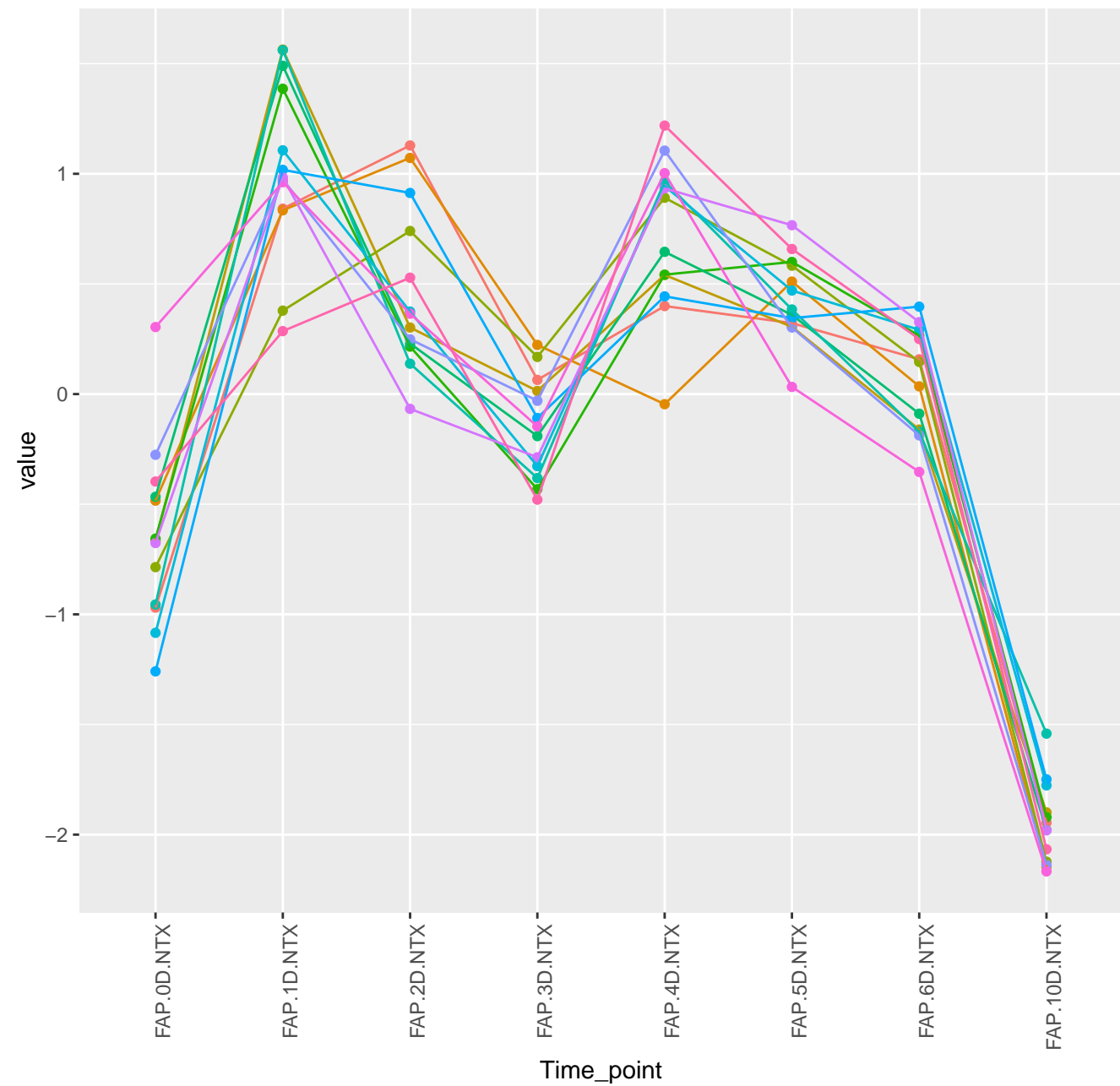


5 genes – cluster 48

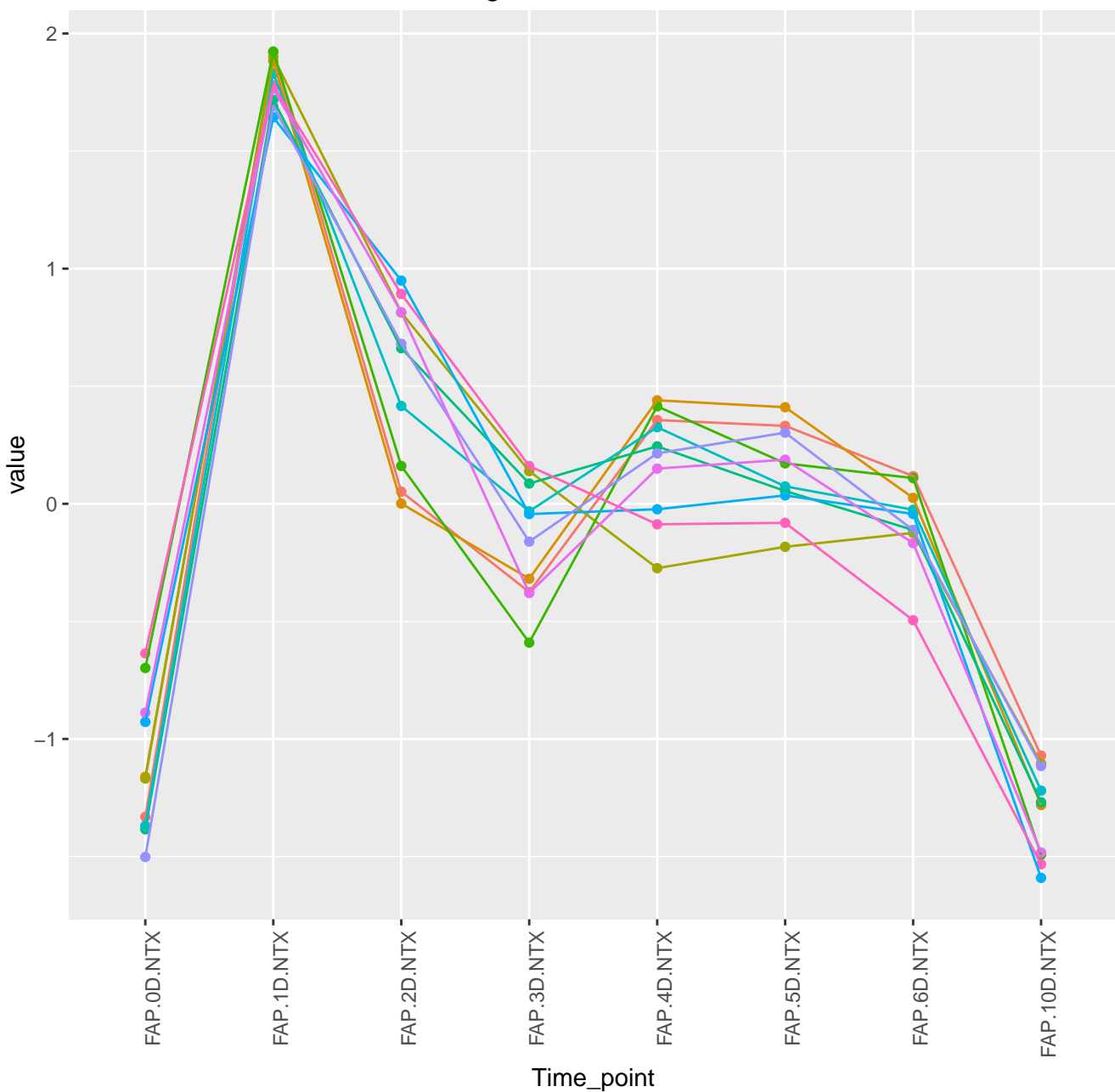




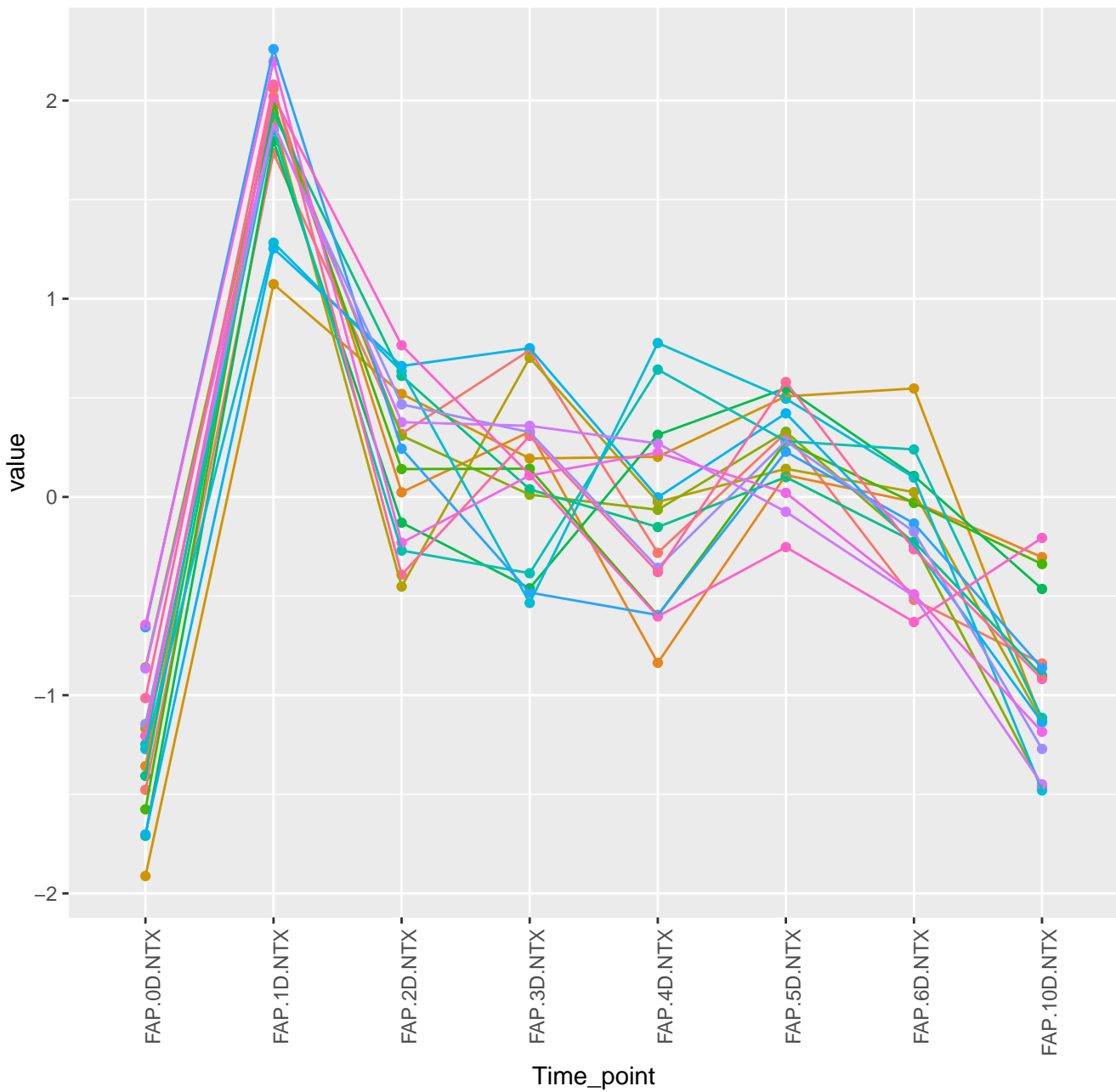
13 genes – cluster 49



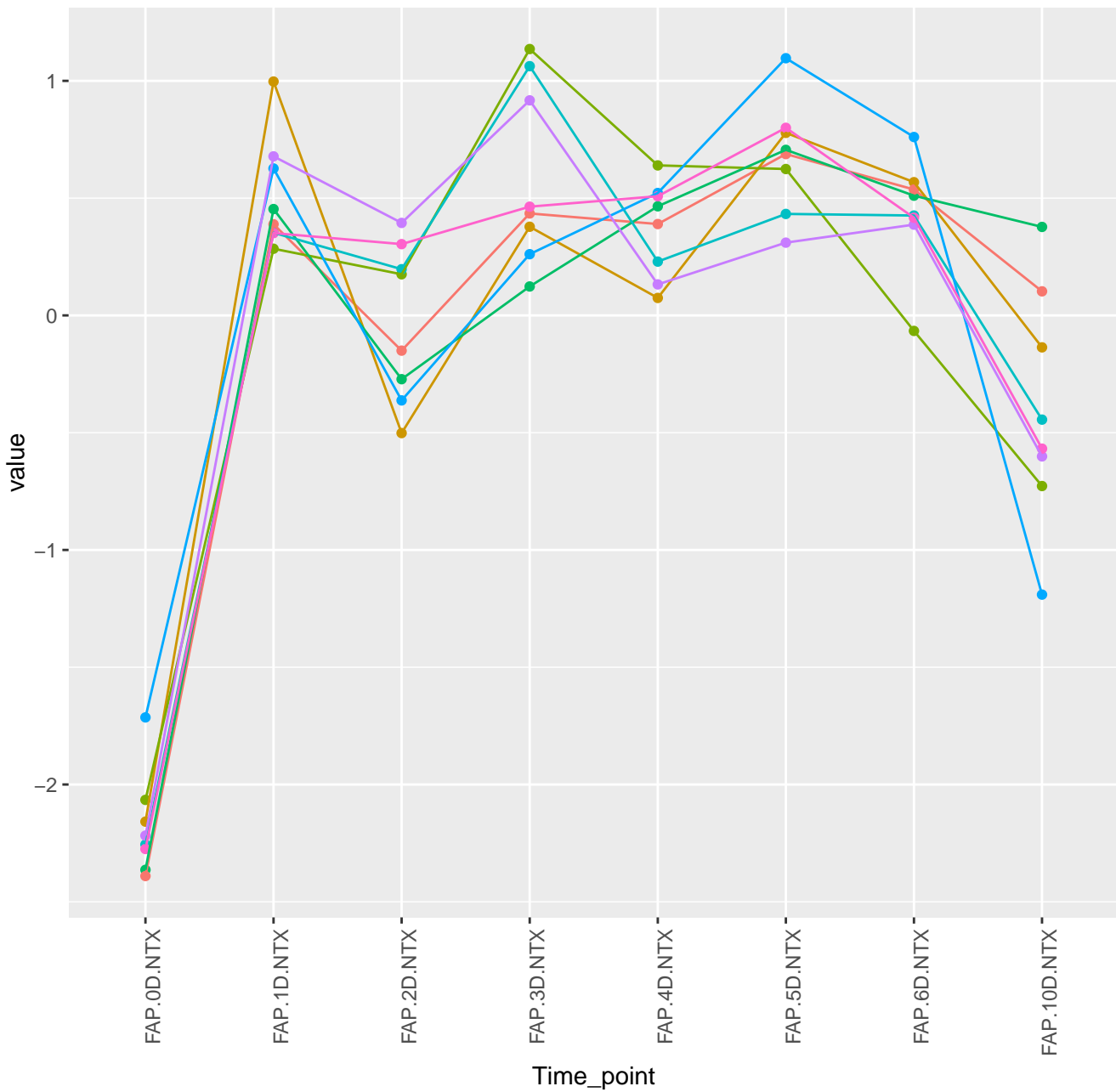
10 genes – cluster 50



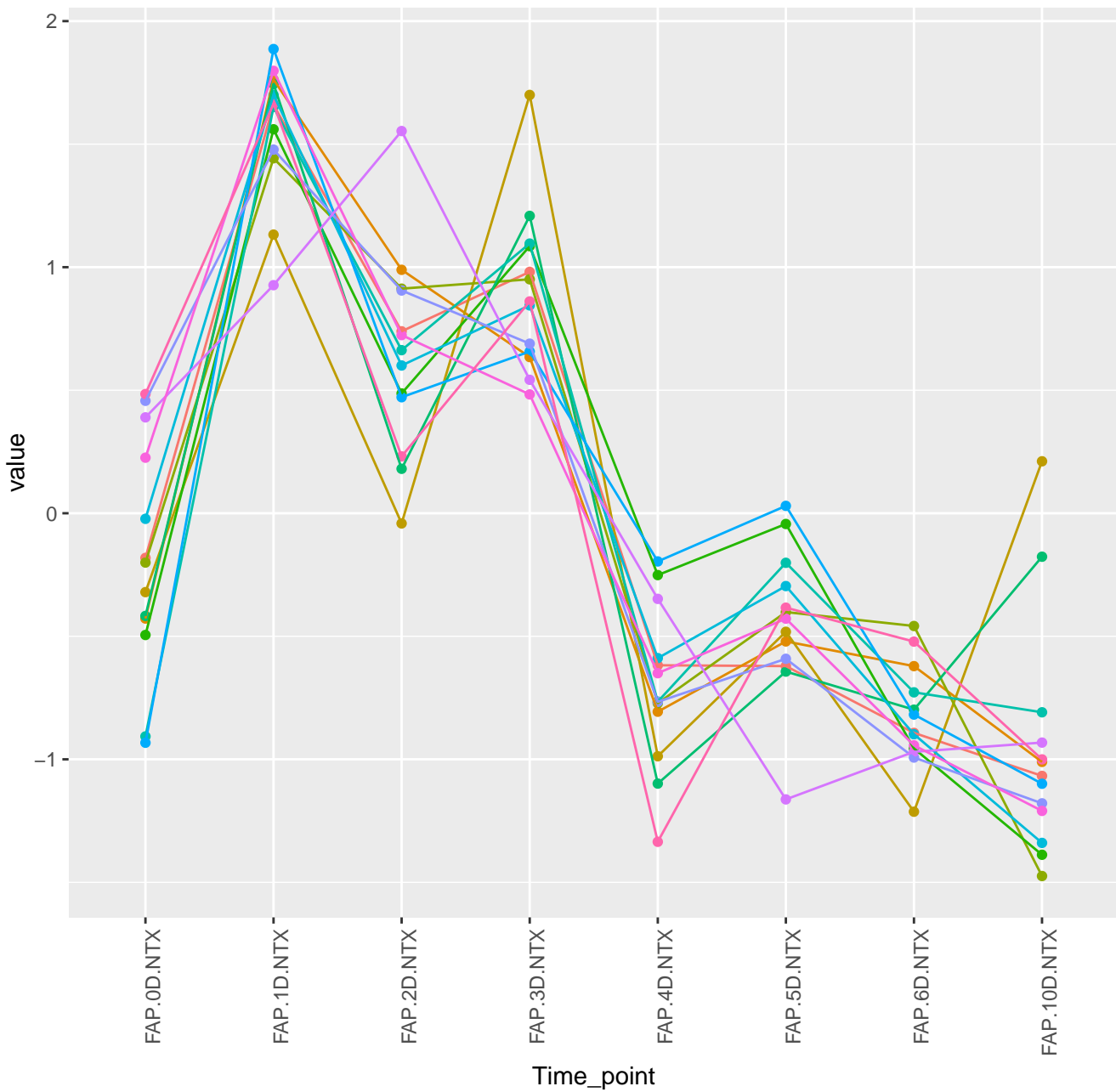
17 genes – cluster 51



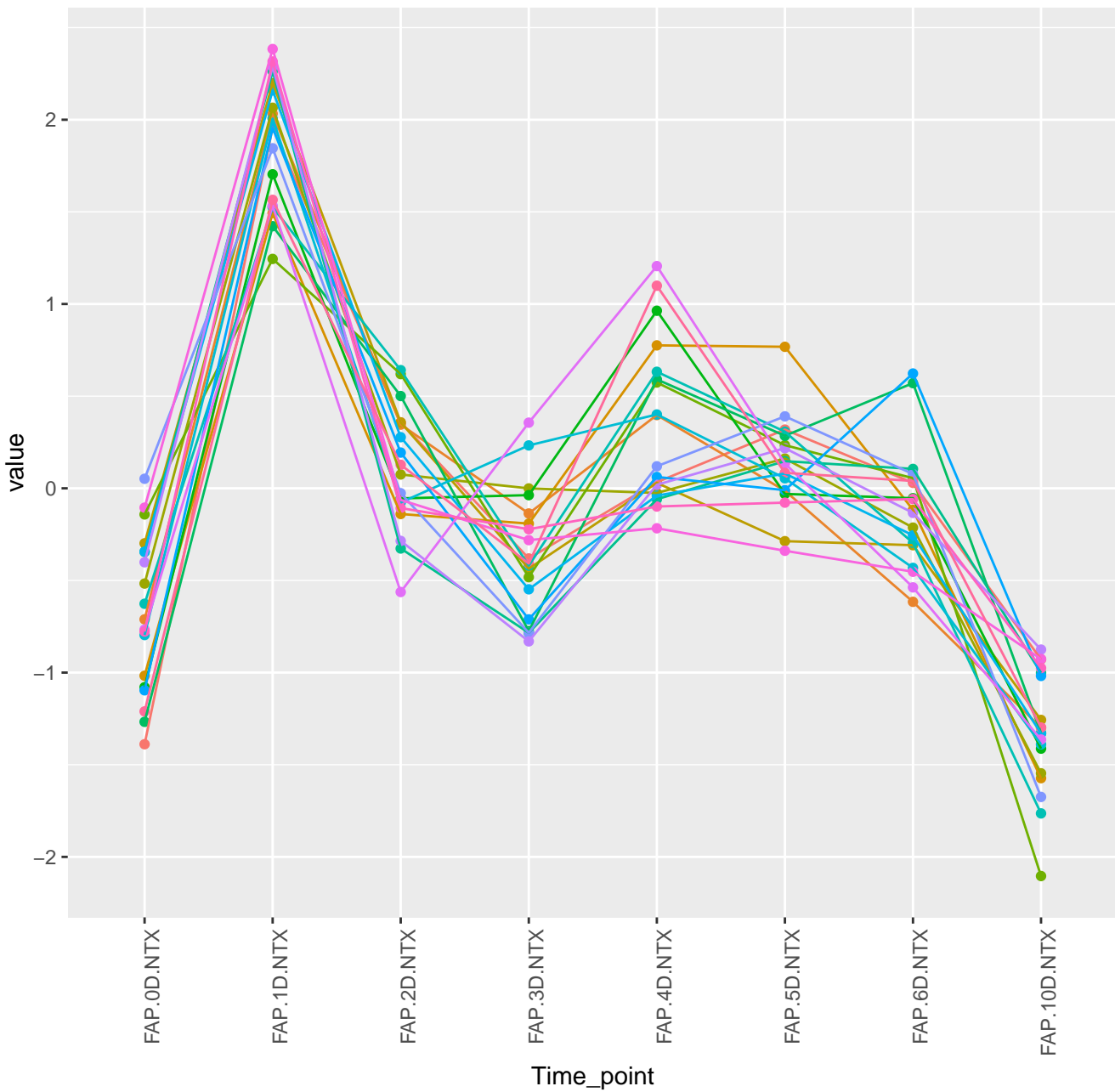
8 genes – cluster 52



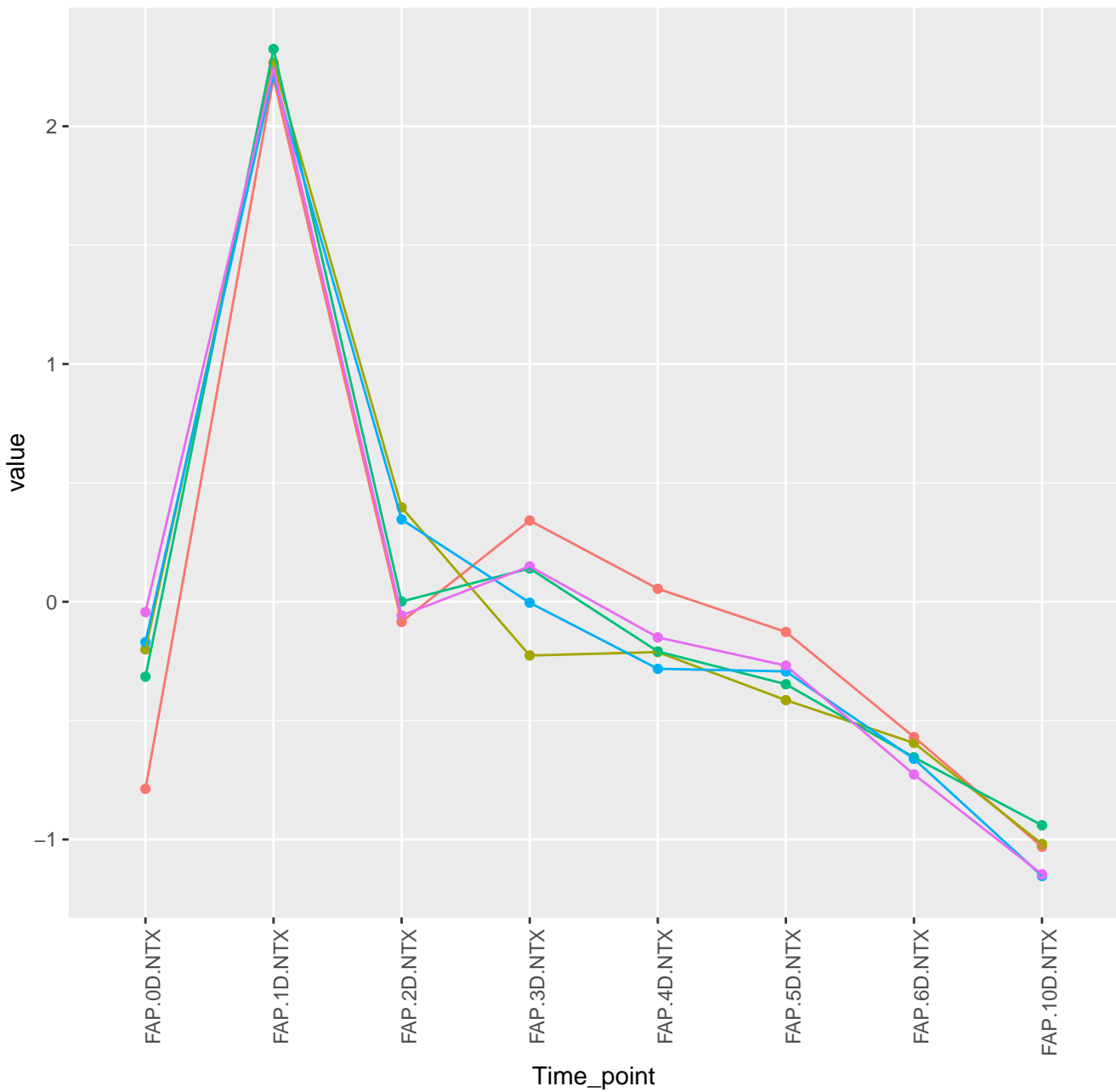
13 genes – cluster 53



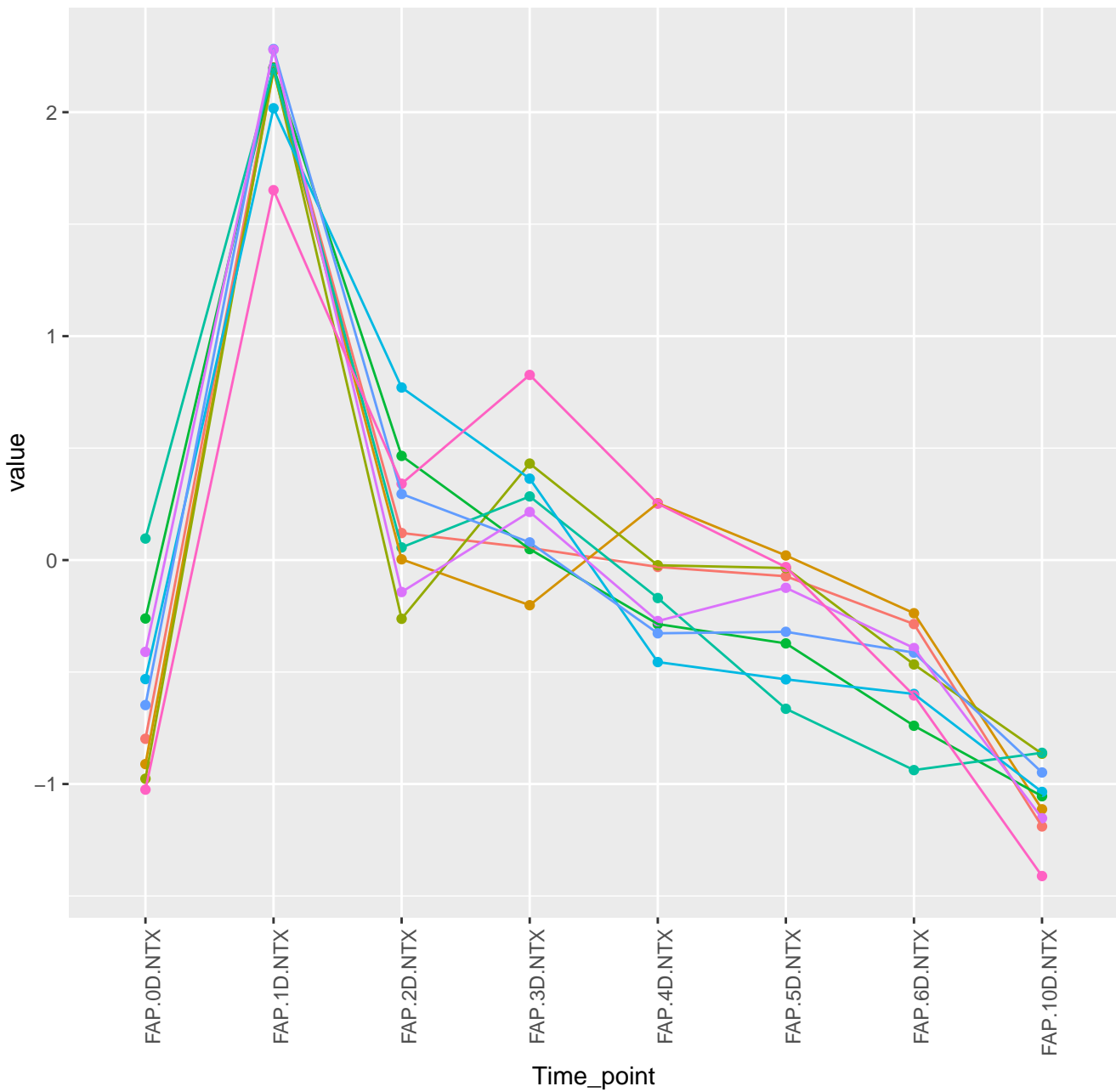
19 genes – cluster 54



5 genes – cluster 55

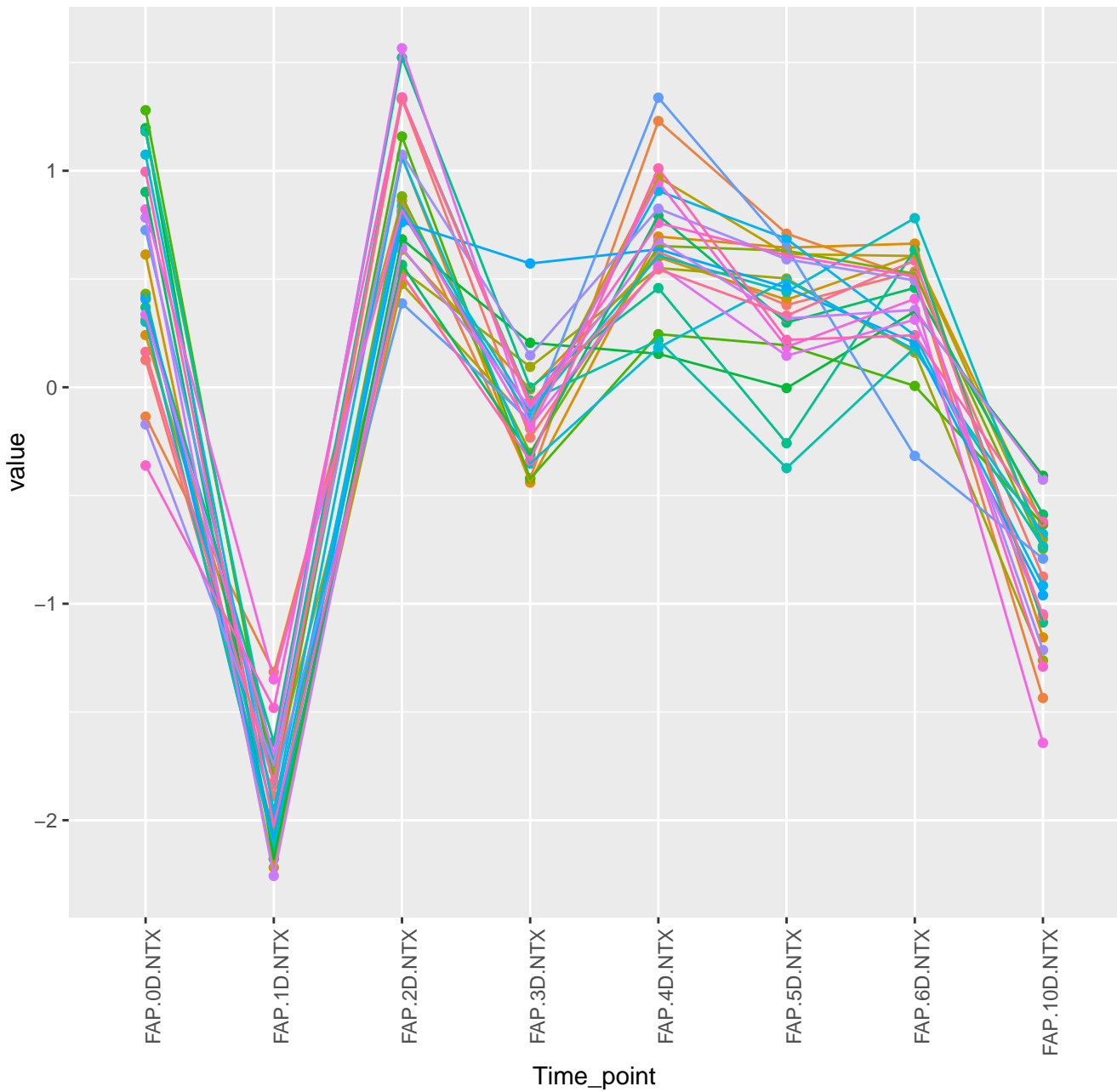


9 genes – cluster 56

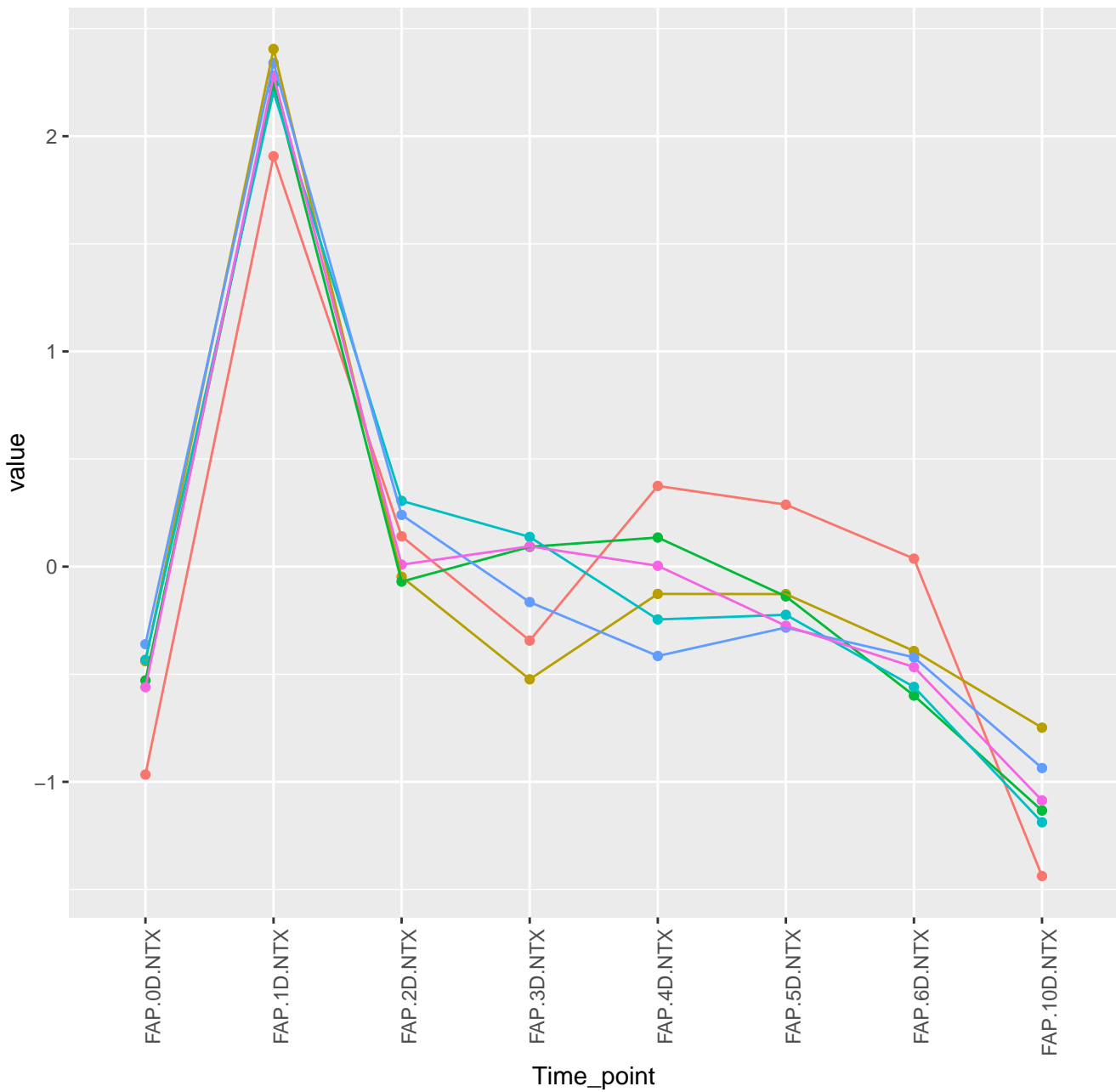




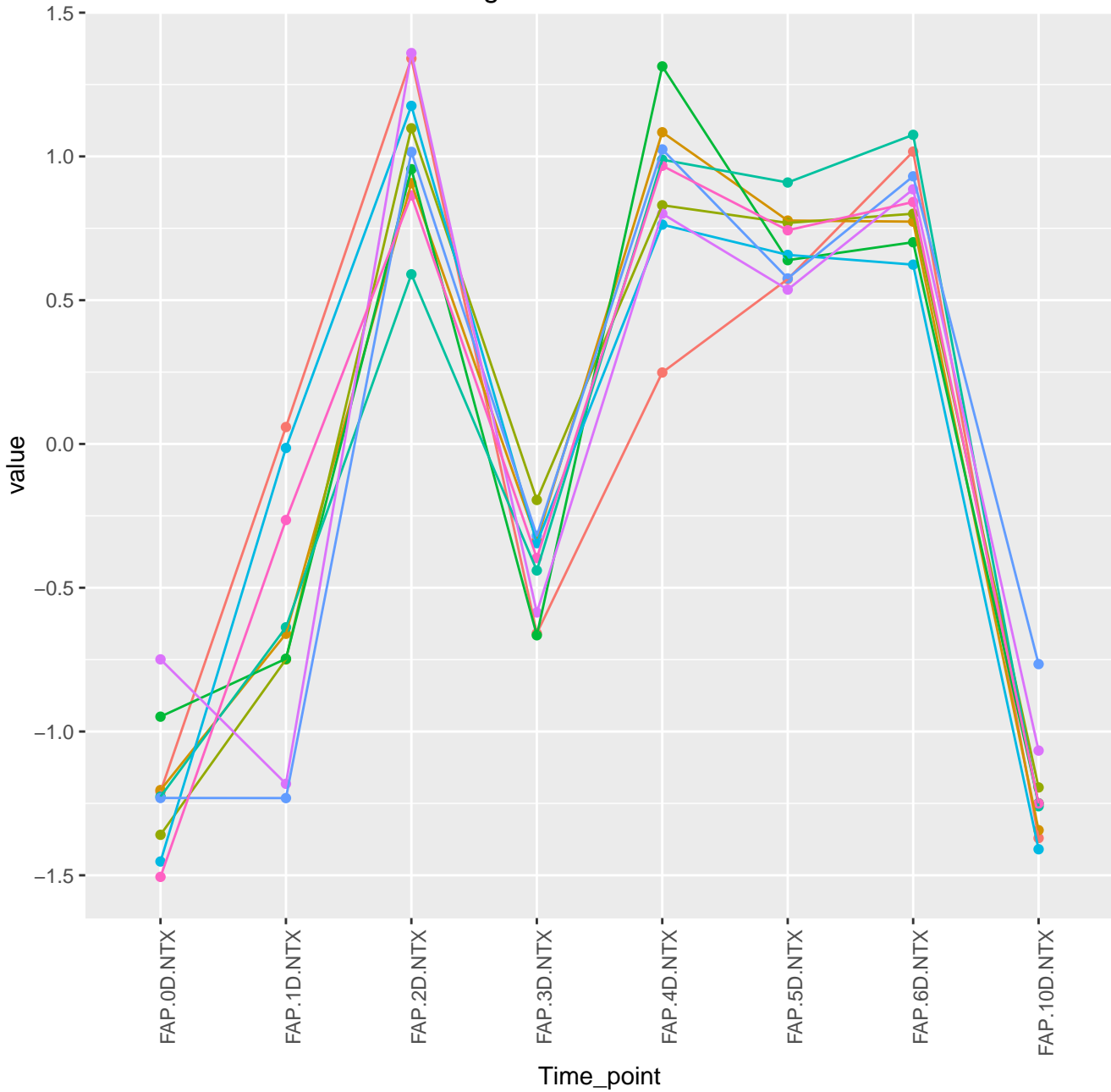
24 genes – cluster 57



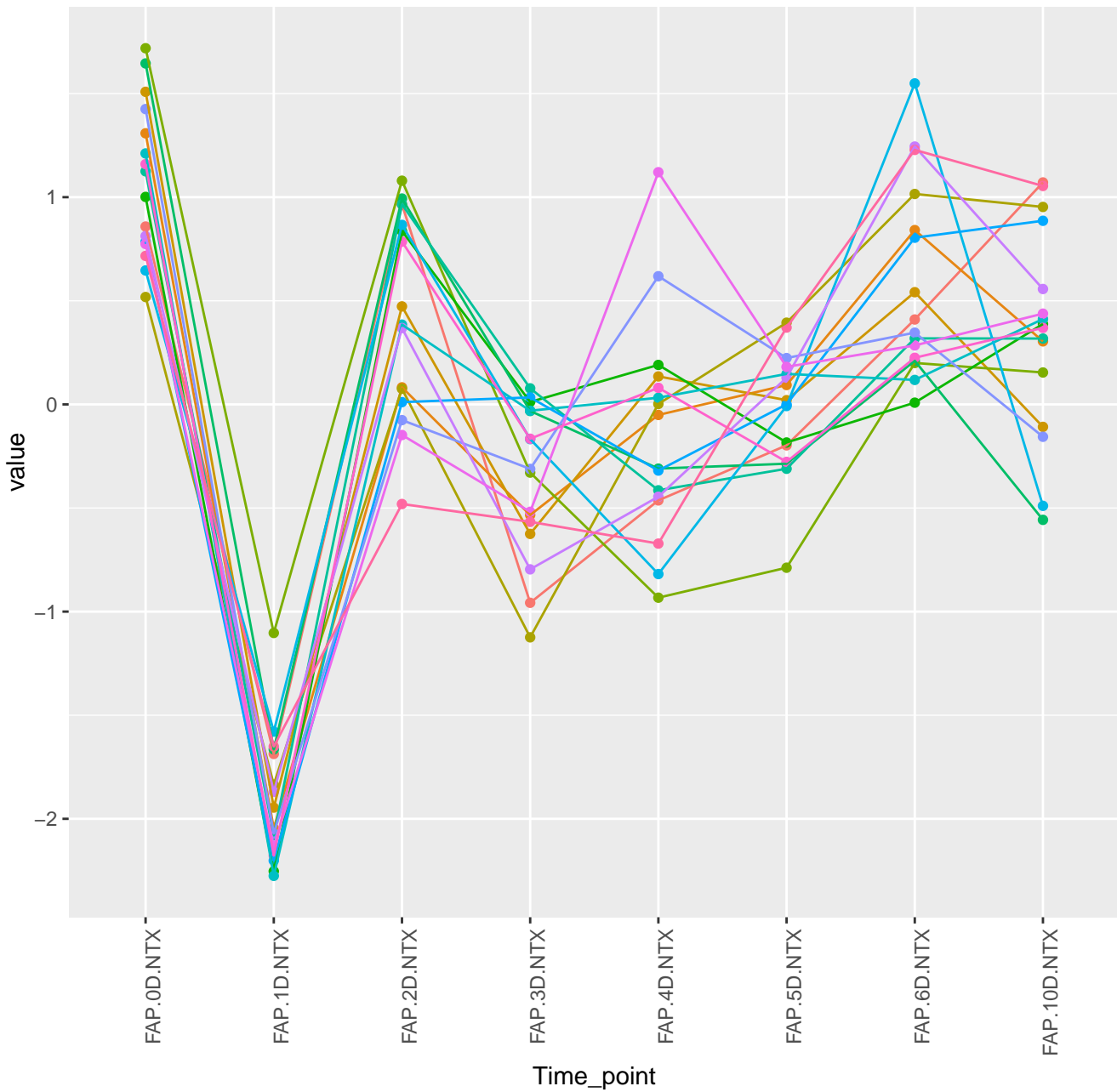
6 genes – cluster 58



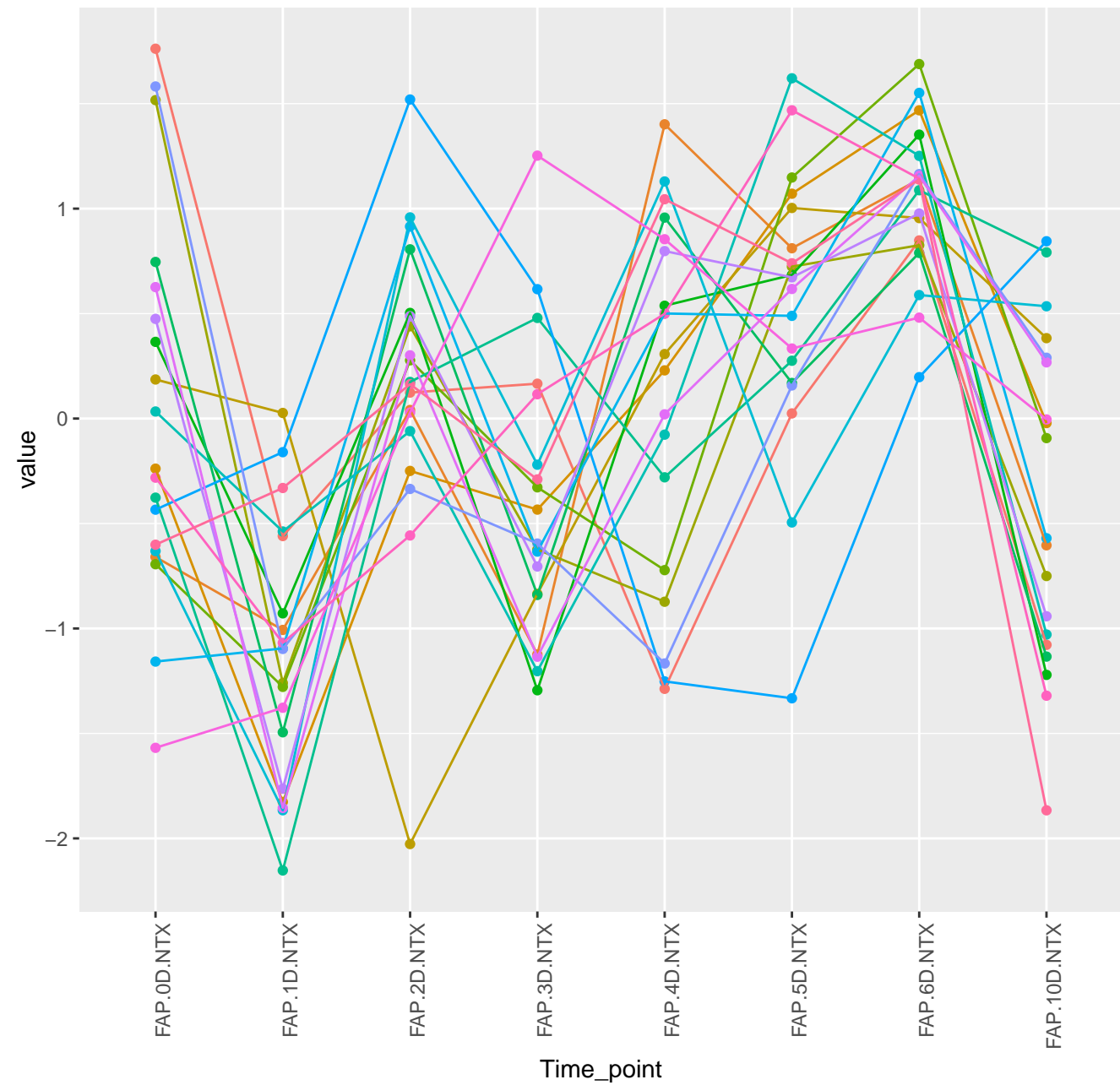
9 genes – cluster 59



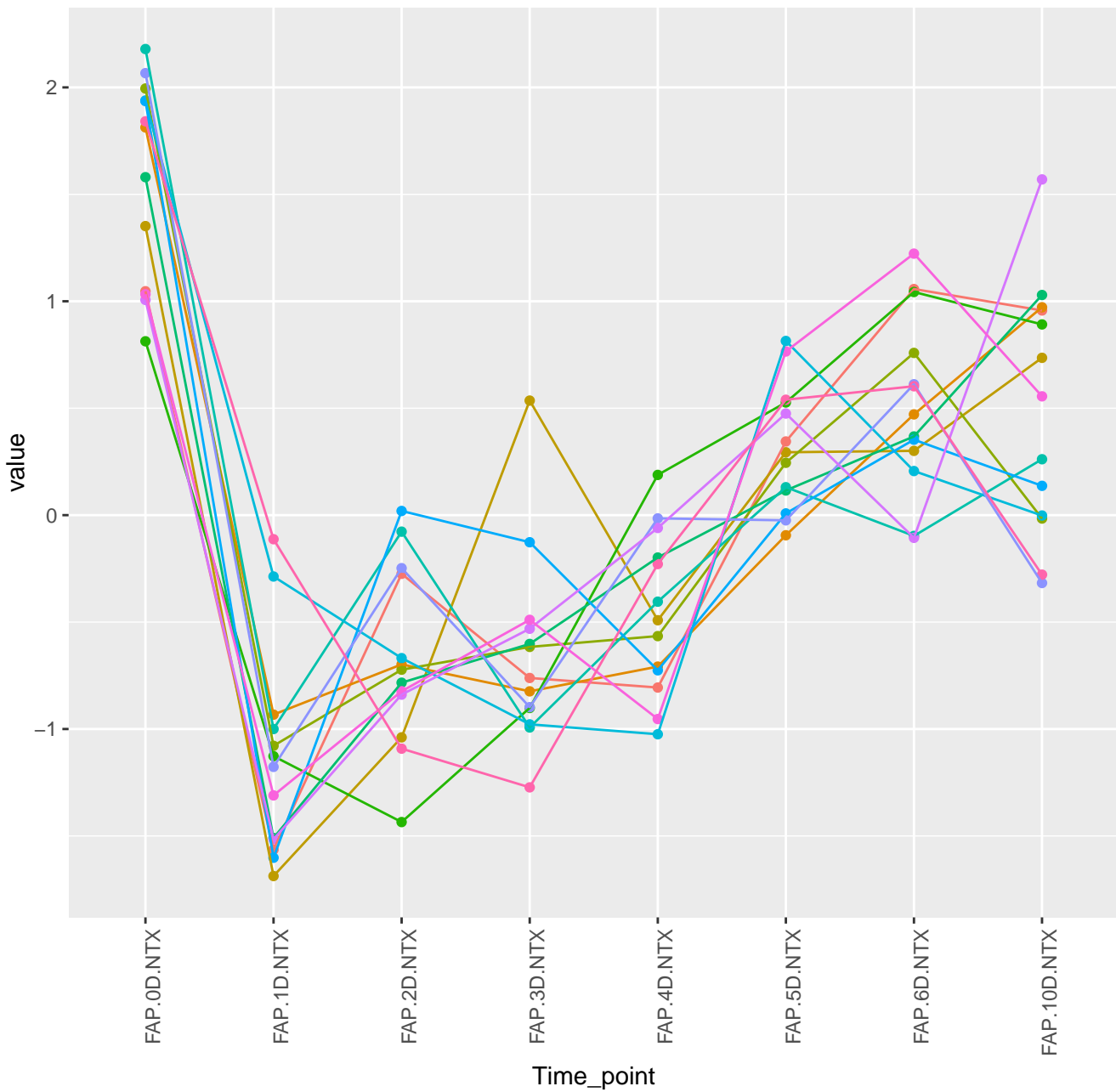
16 genes – cluster 60



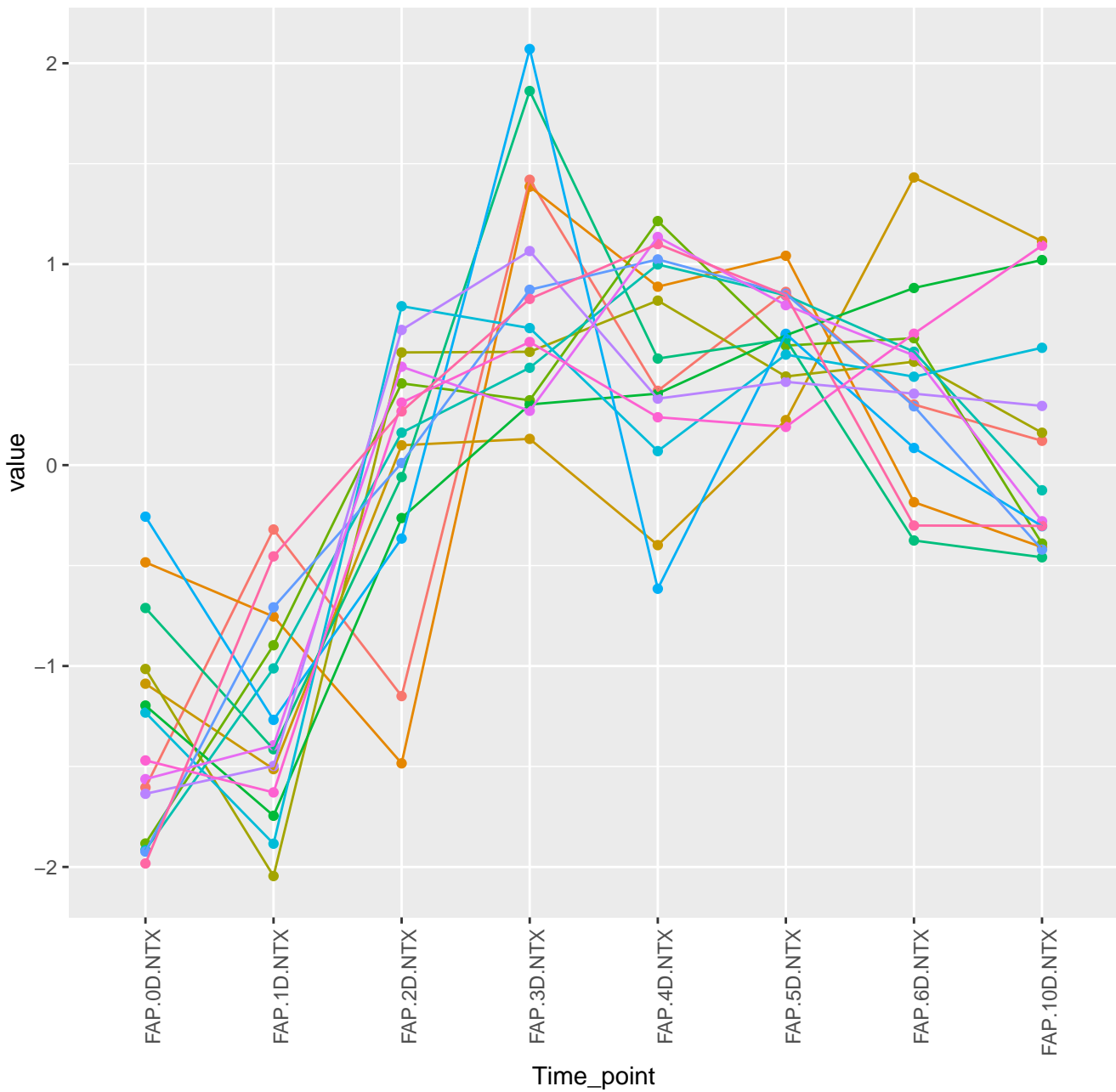
19 genes – cluster 61



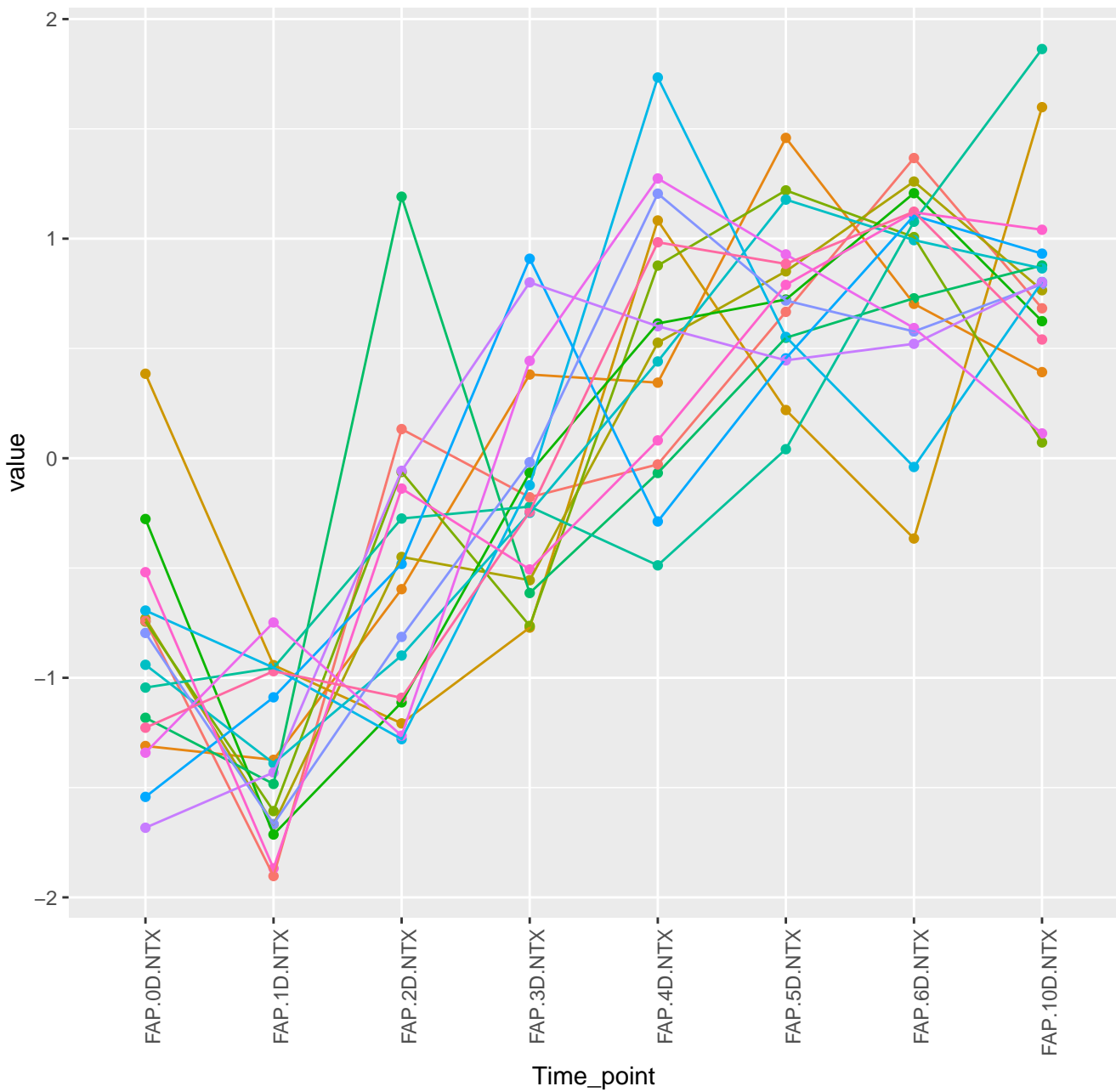
13 genes – cluster 62



15 genes – cluster 63

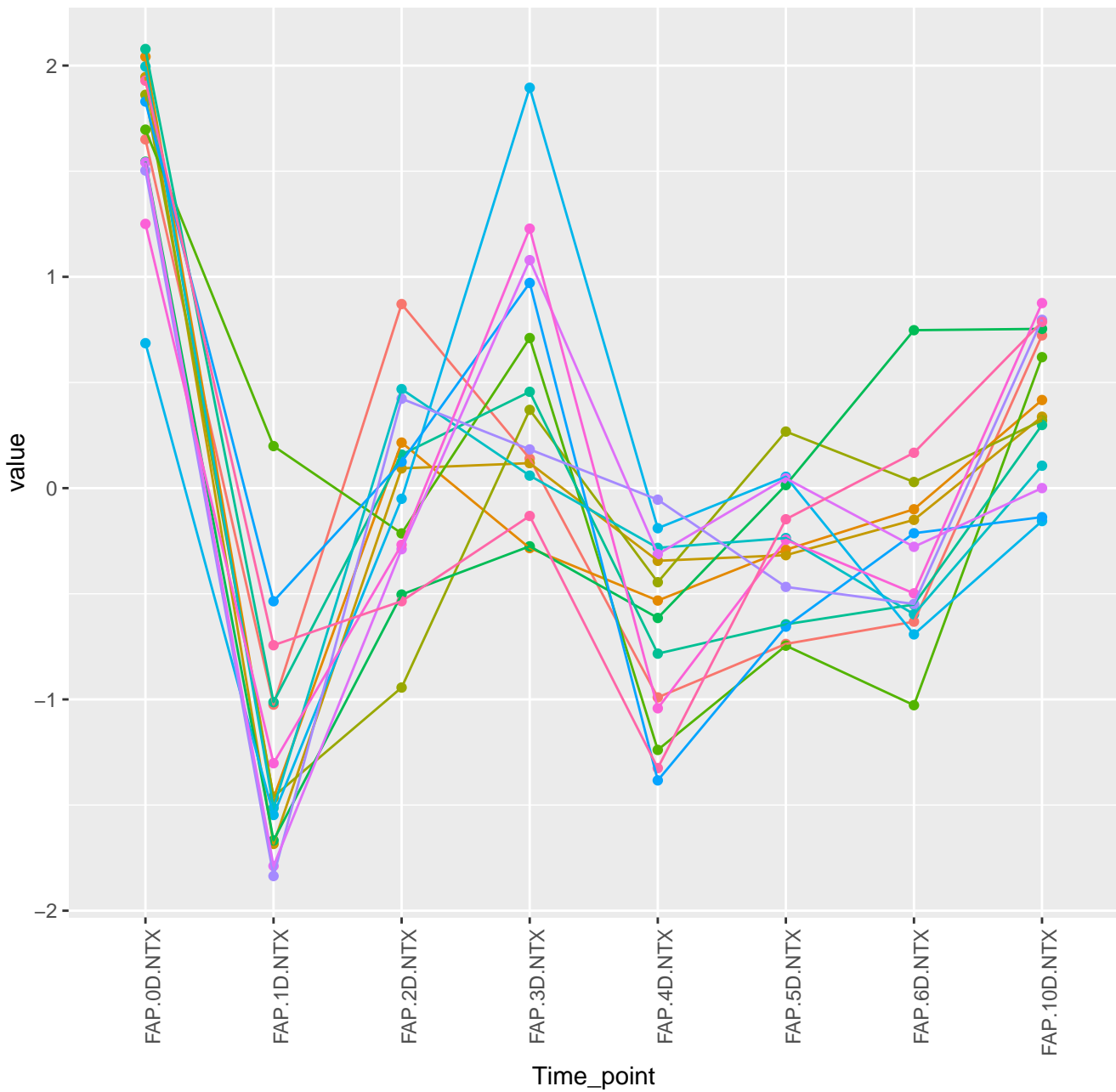


16 genes – cluster 64

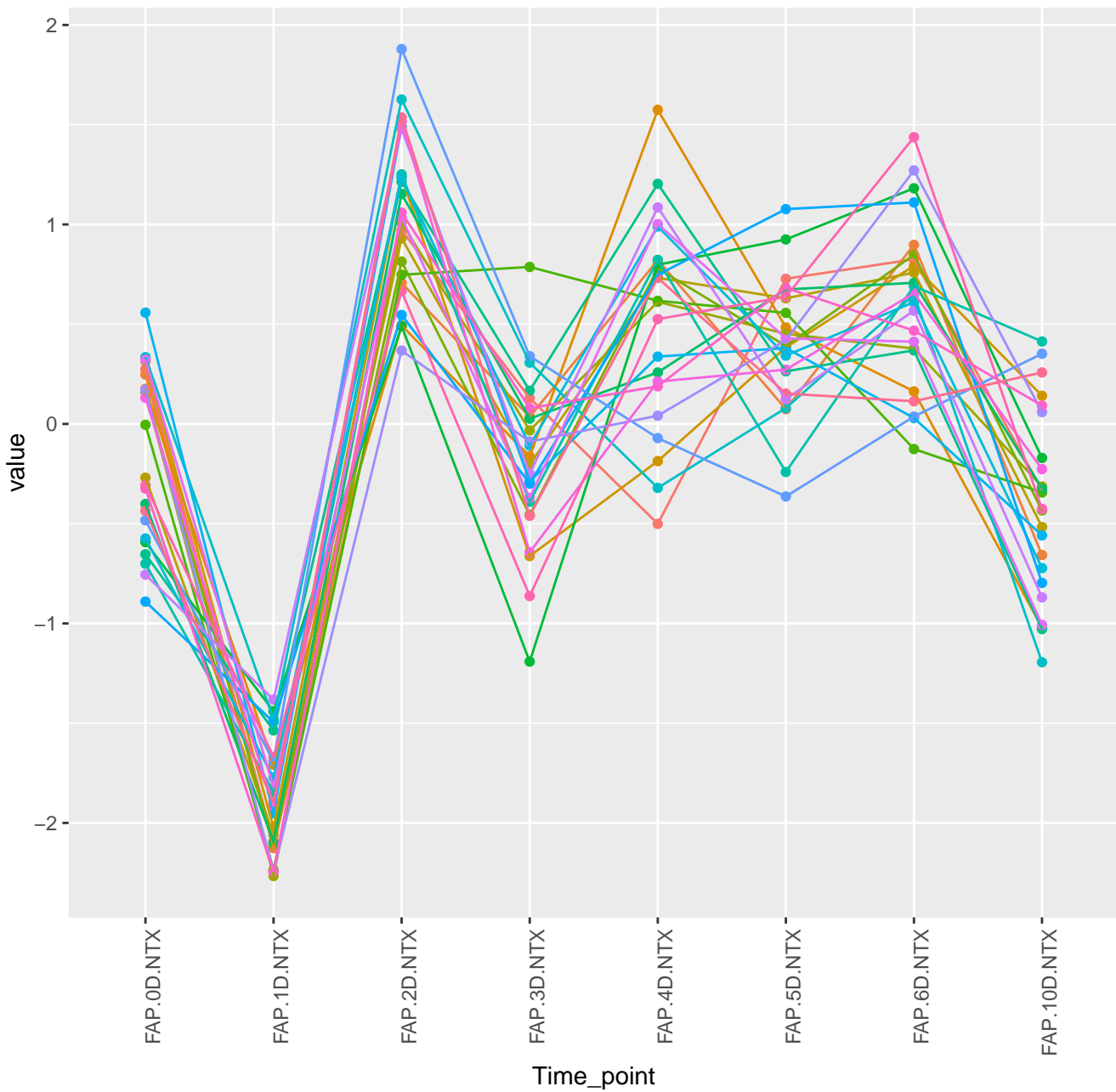




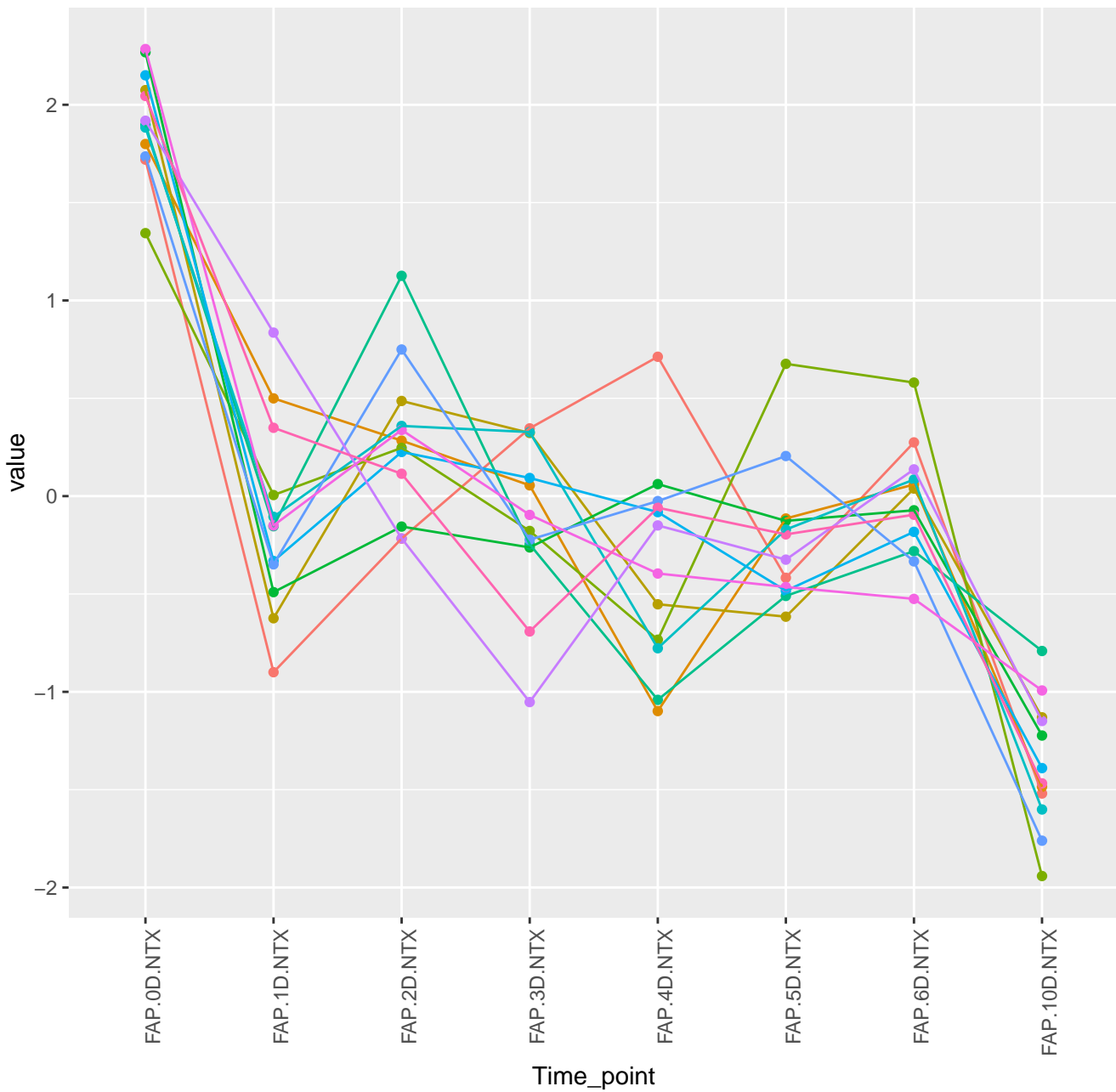
14 genes – cluster 65



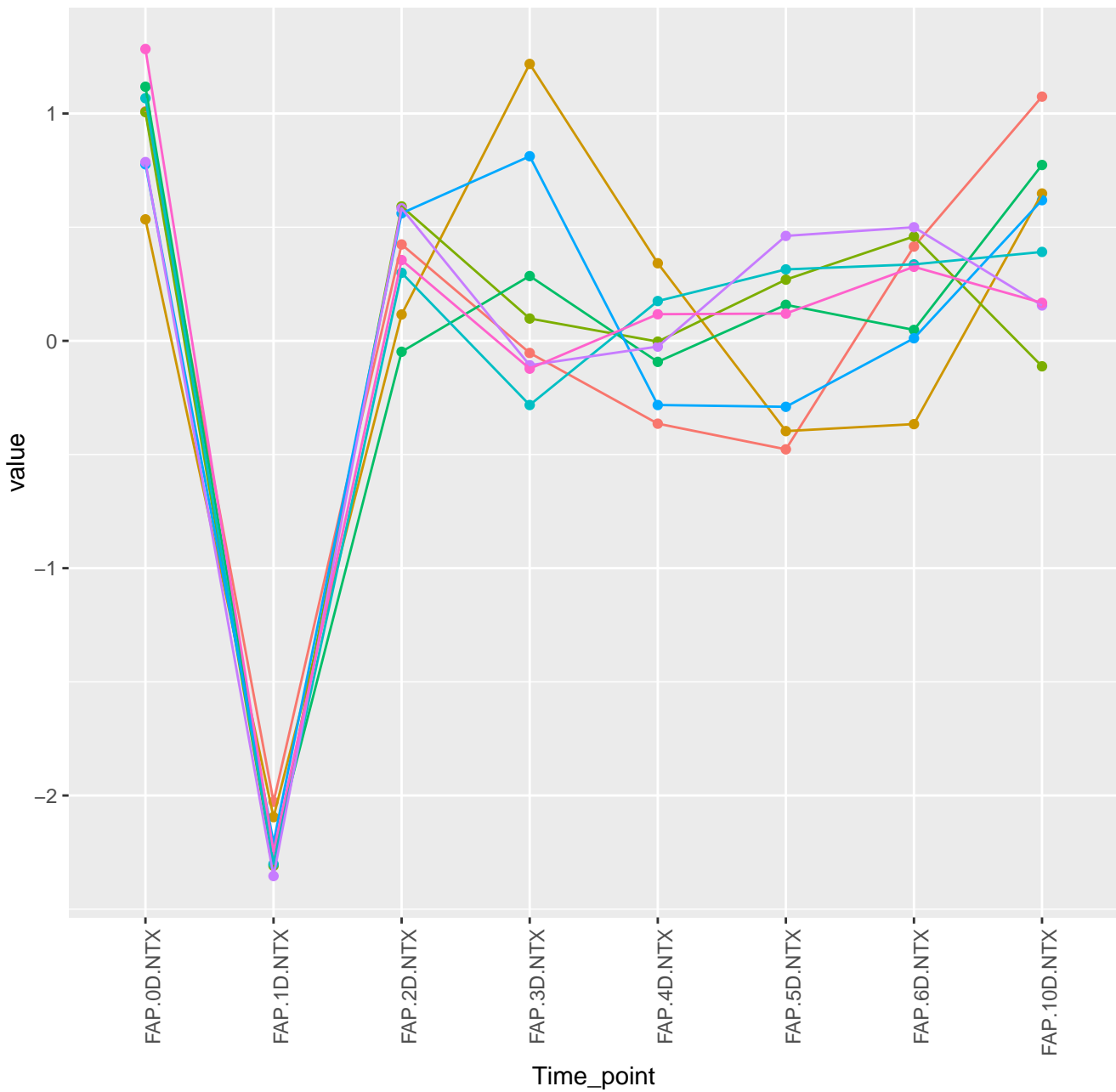
24 genes – cluster 66



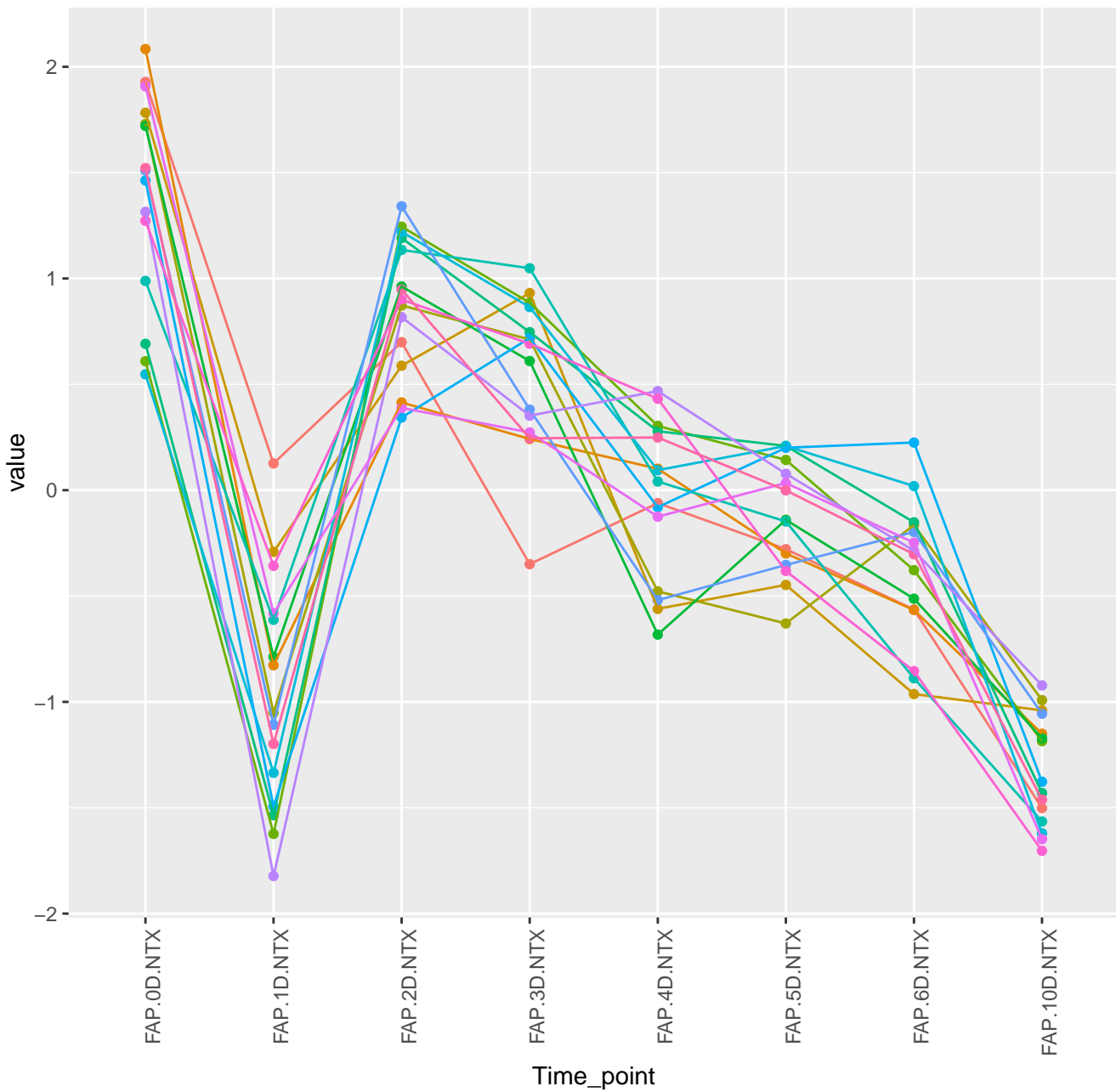
12 genes – cluster 67



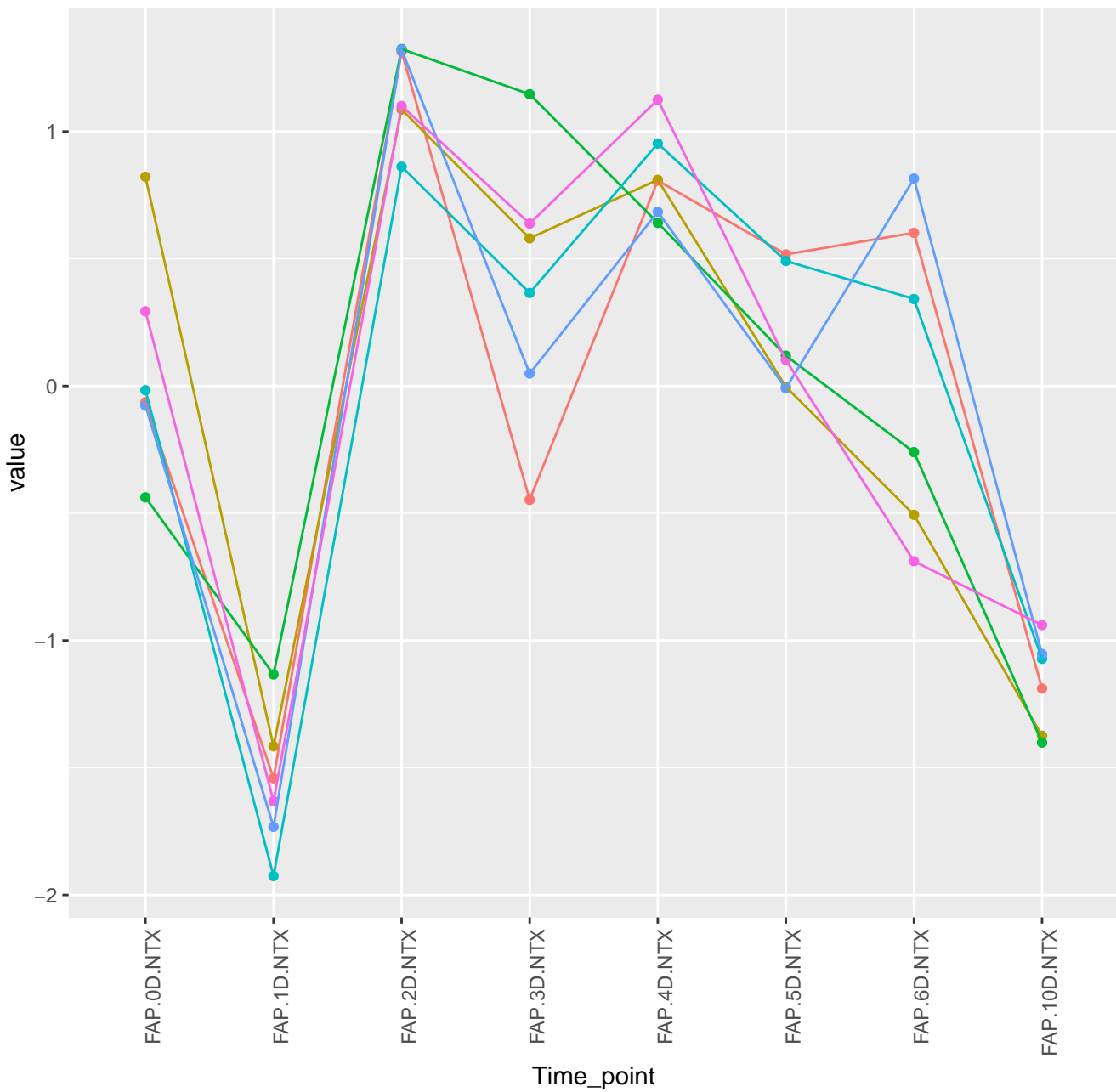
8 genes – cluster 68



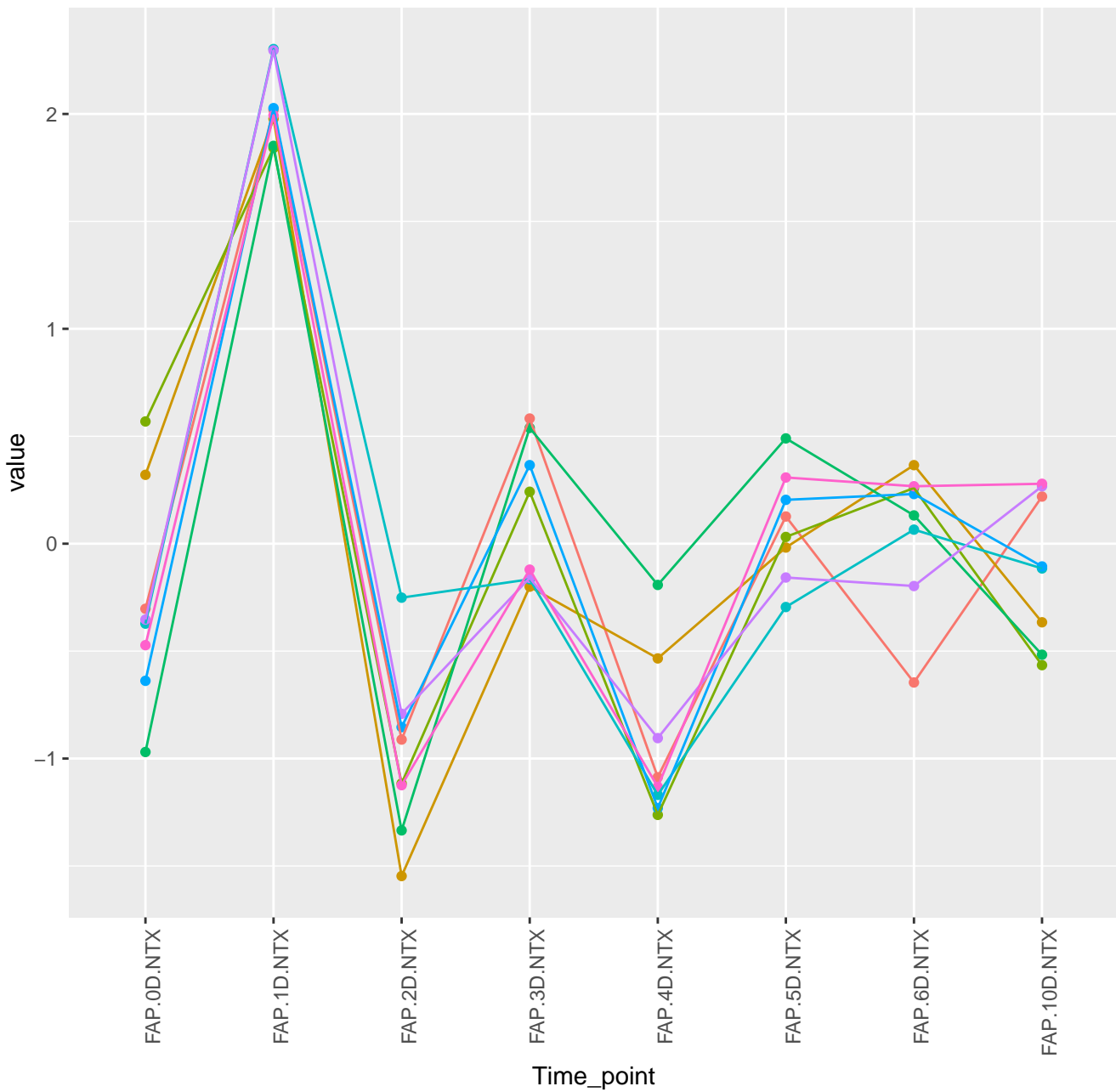
15 genes – cluster 69



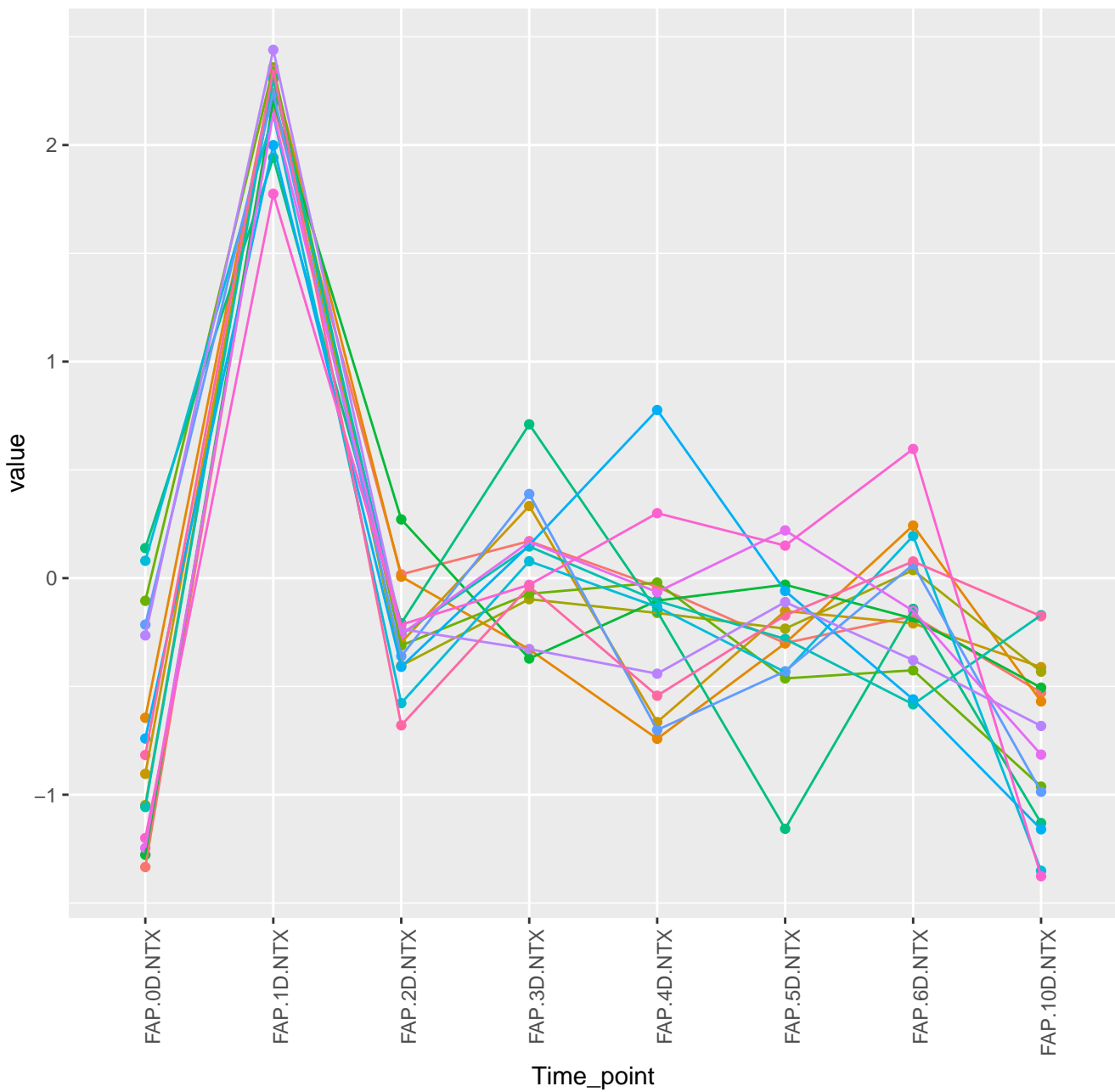
6 genes – cluster 70



8 genes – cluster 71

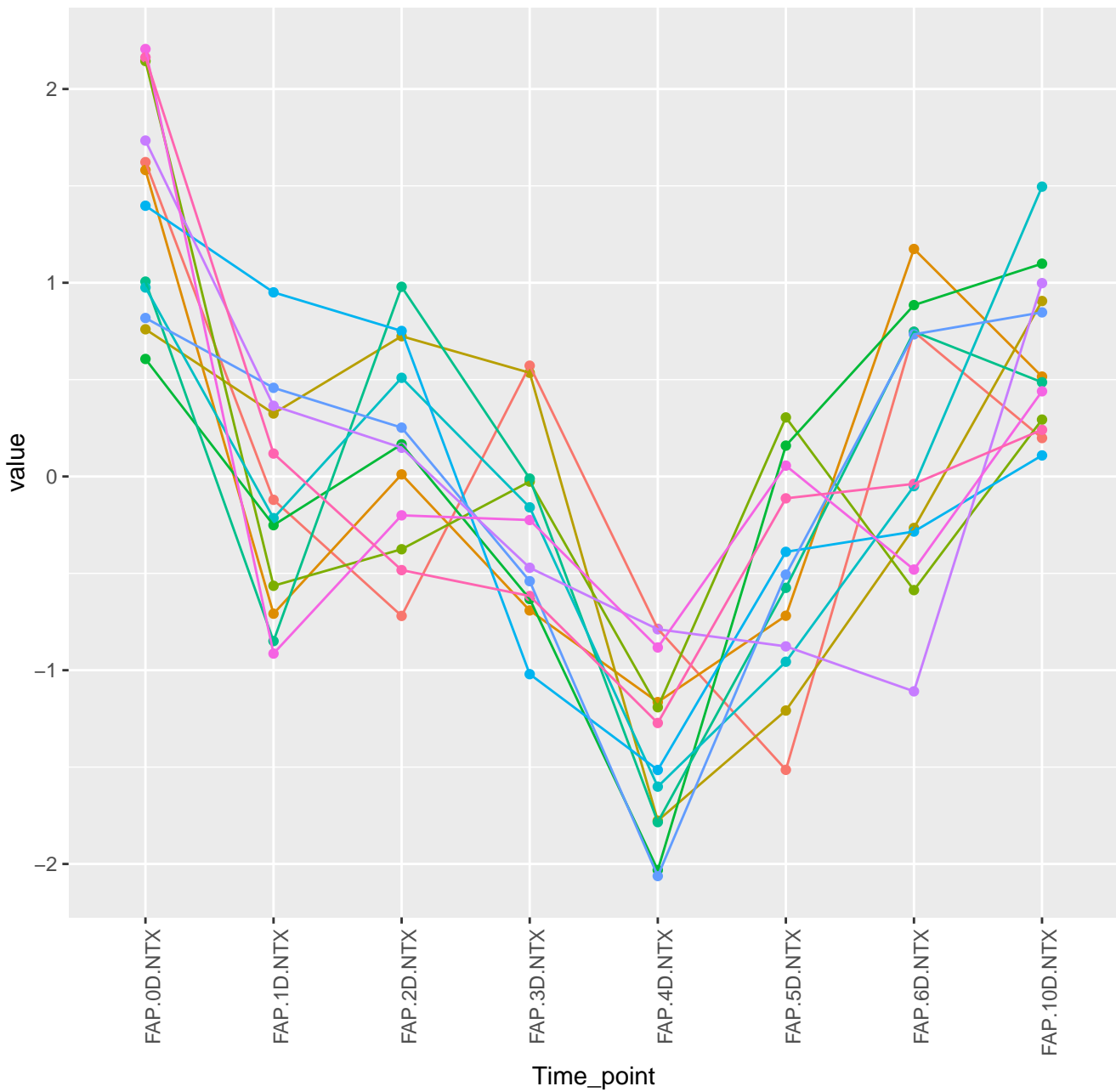


15 genes – cluster 72

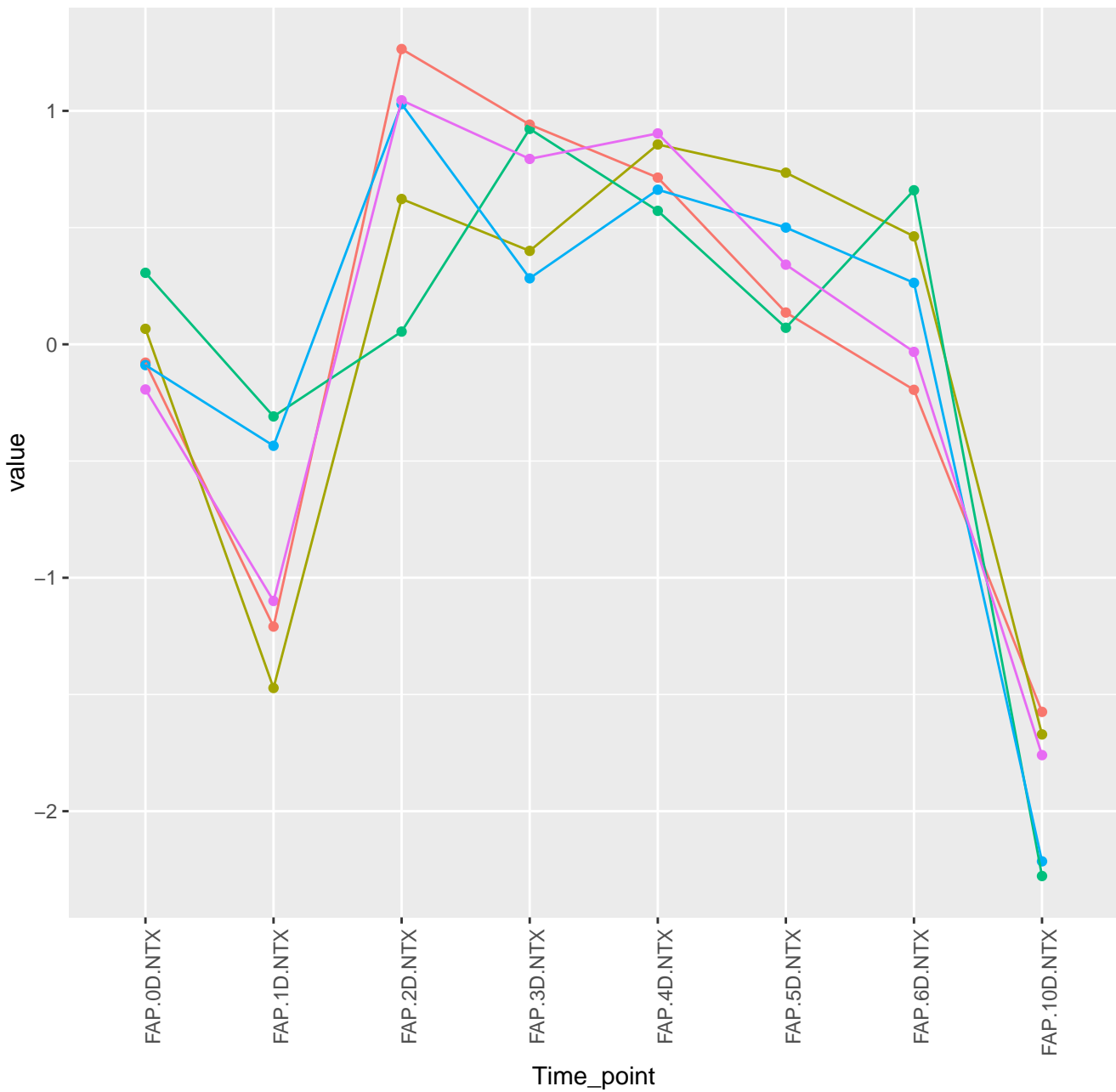




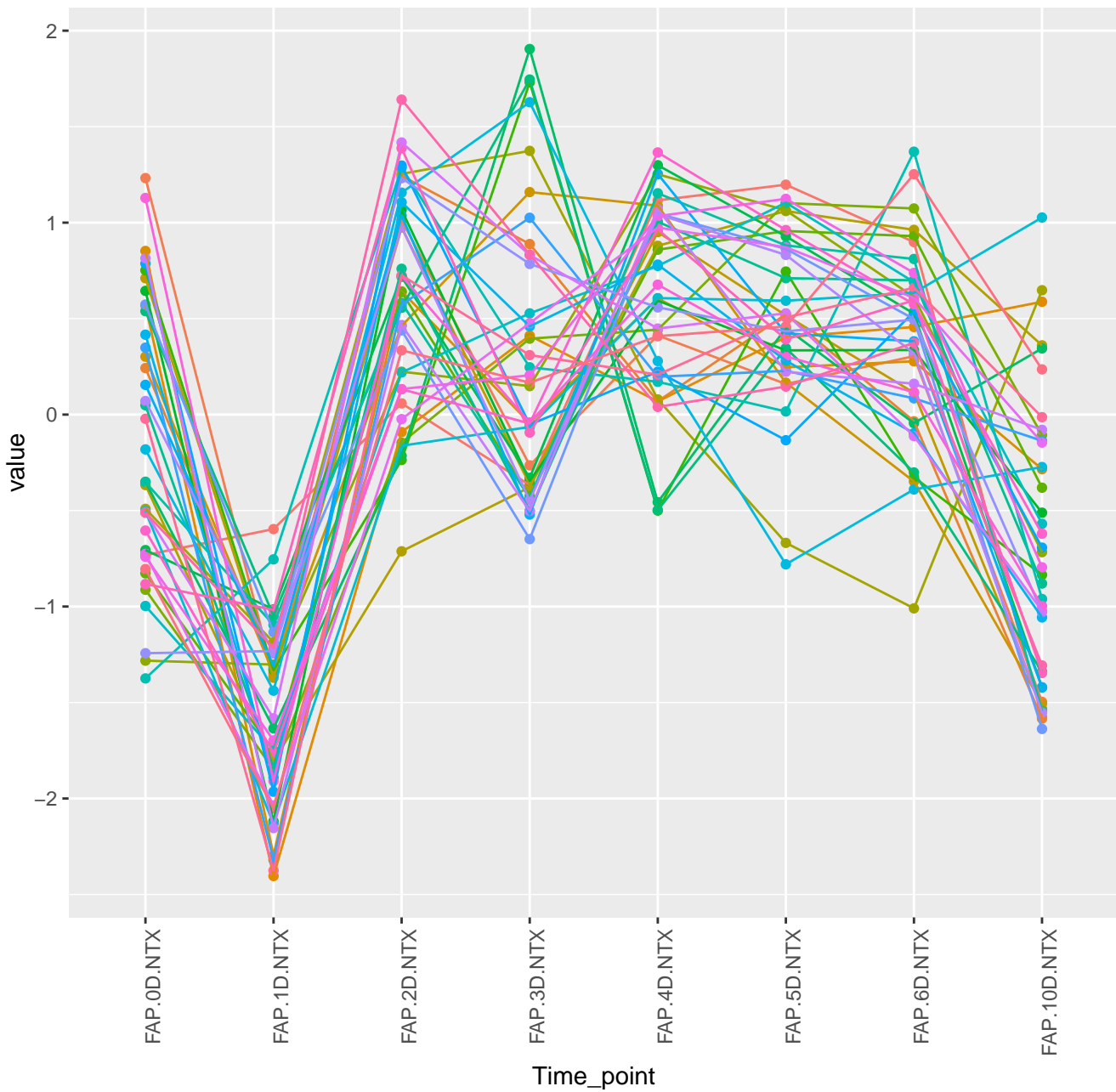
12 genes – cluster 73



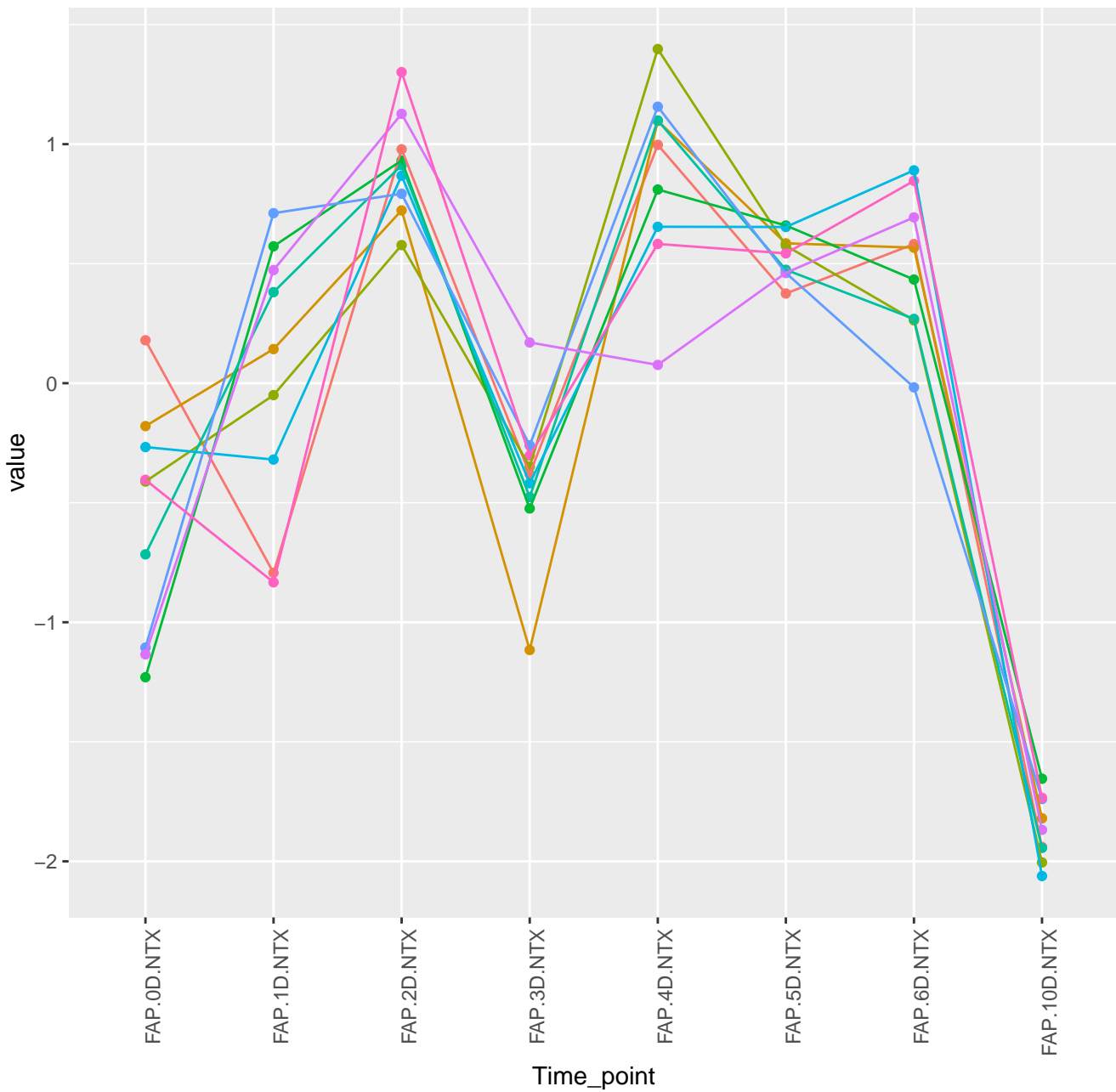
5 genes – cluster 74



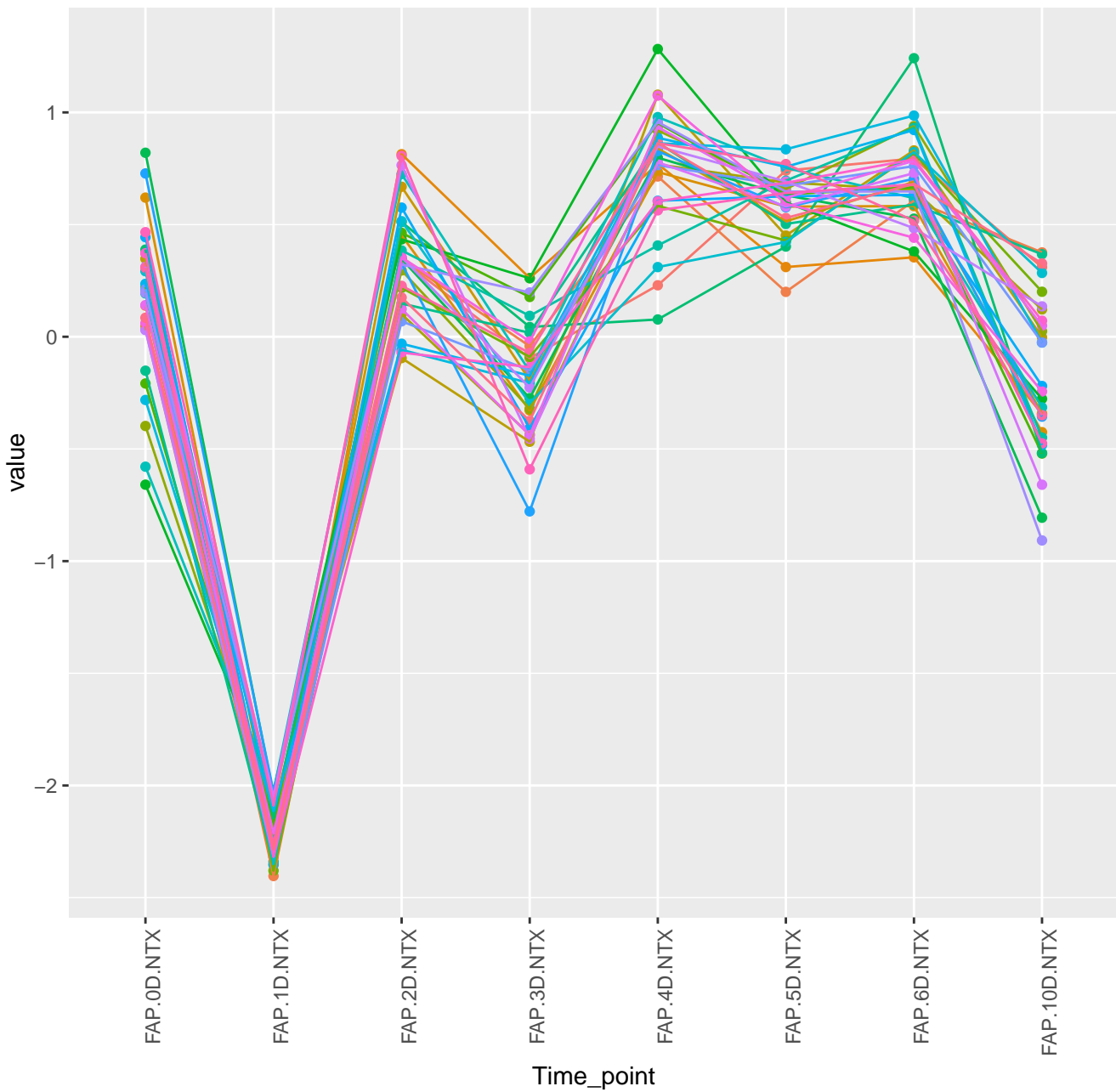
40 genes – cluster 75



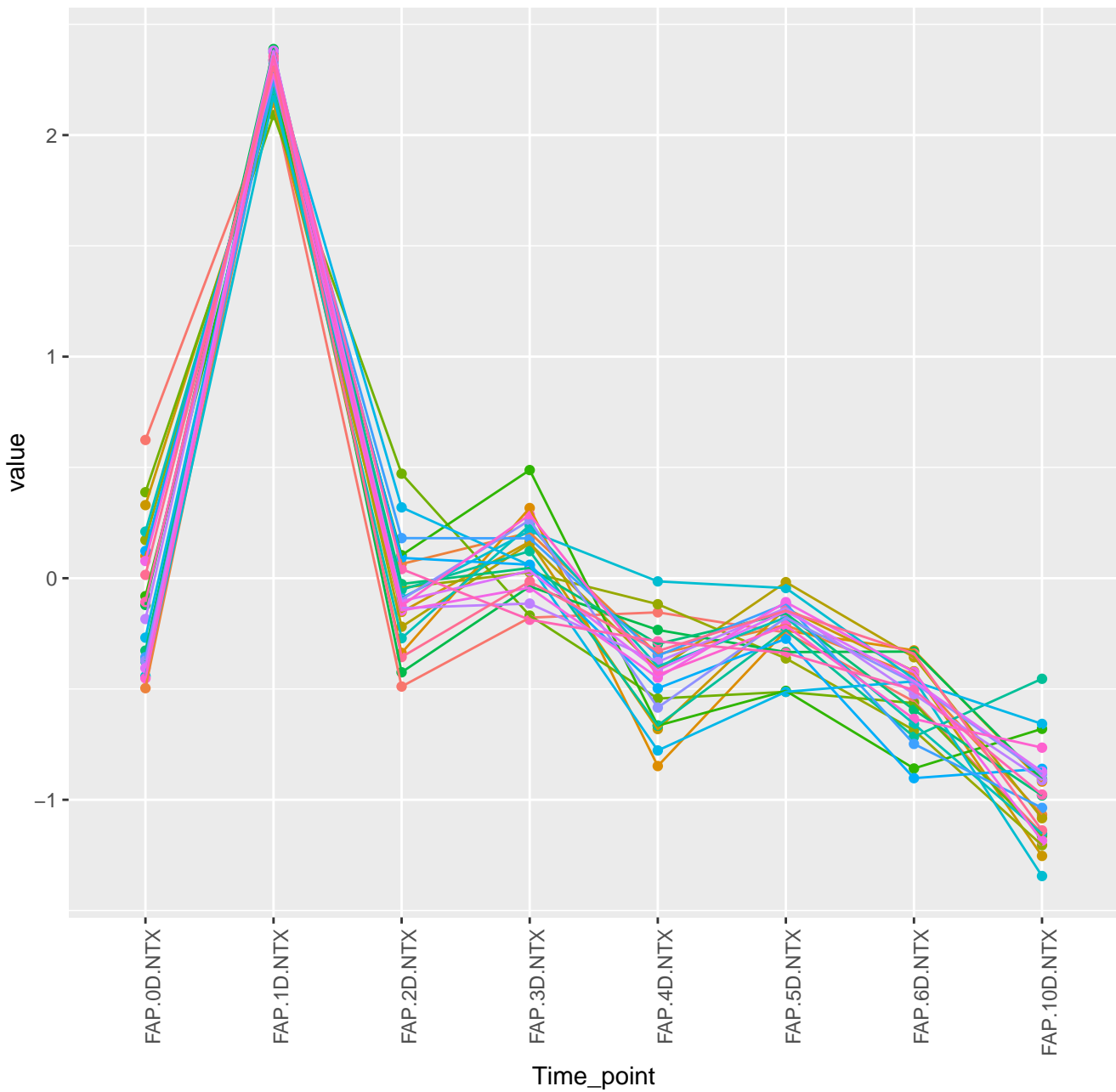
9 genes – cluster 76



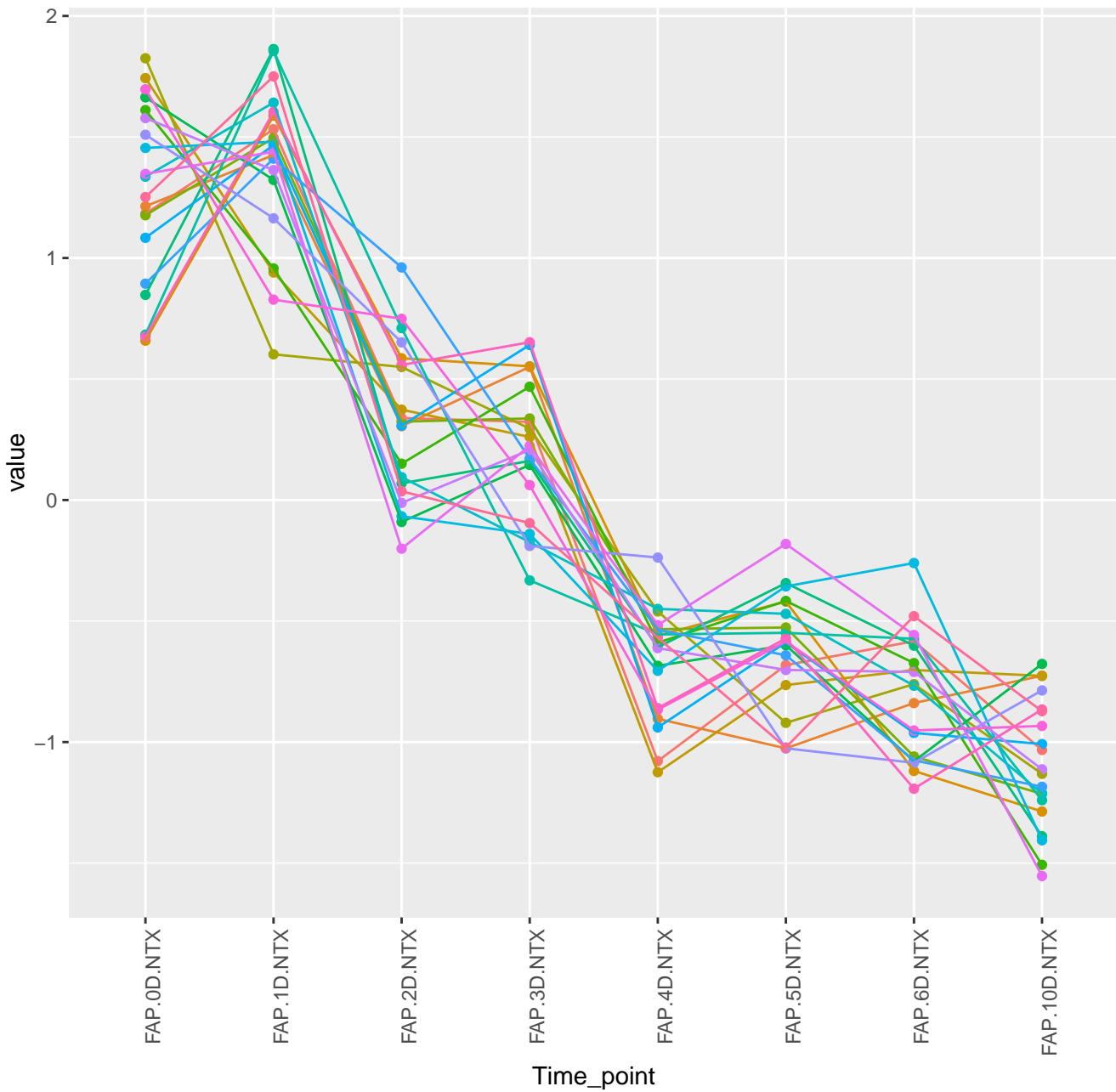
31 genes – cluster 77



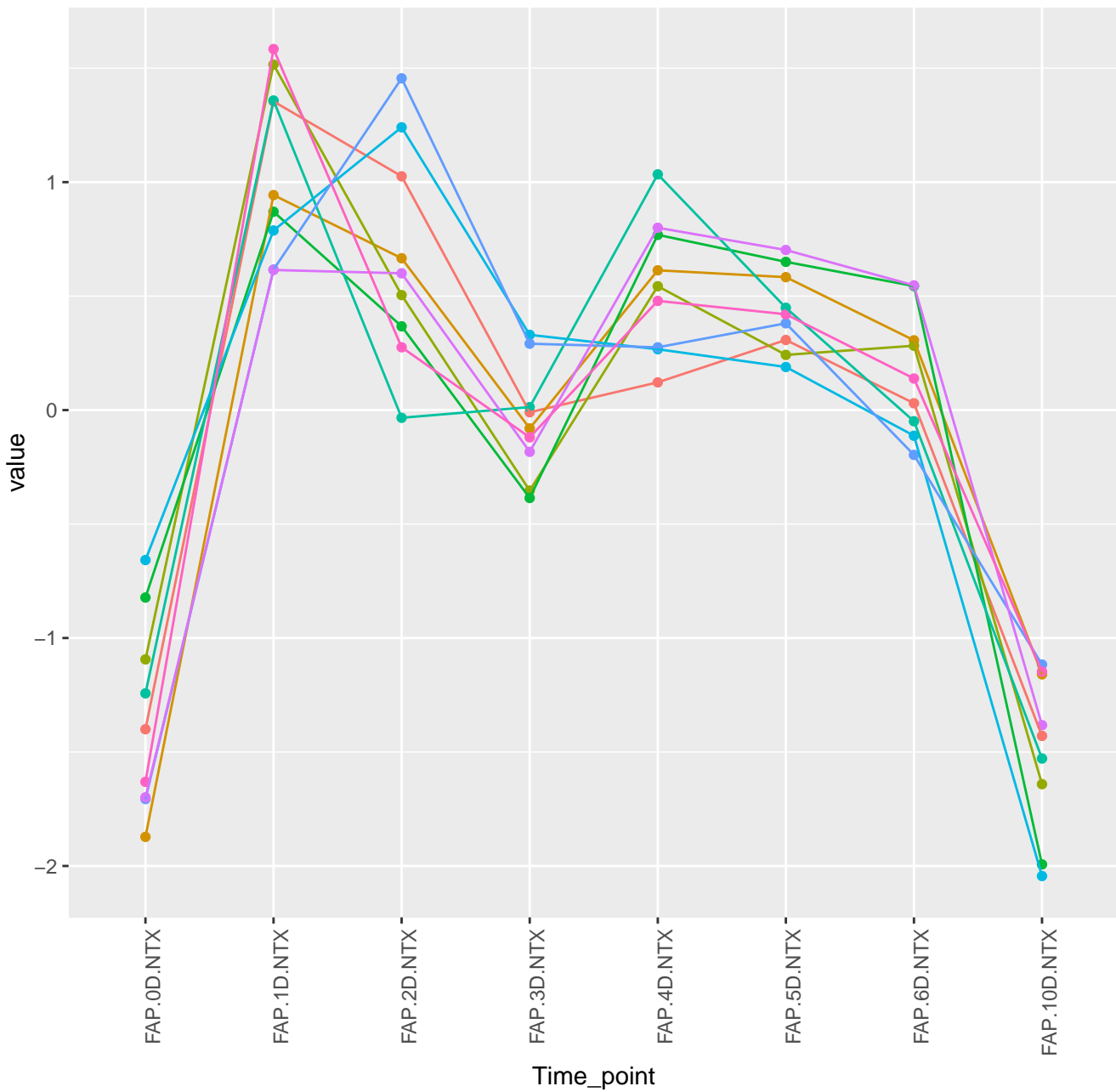
23 genes – cluster 78



20 genes – cluster 79

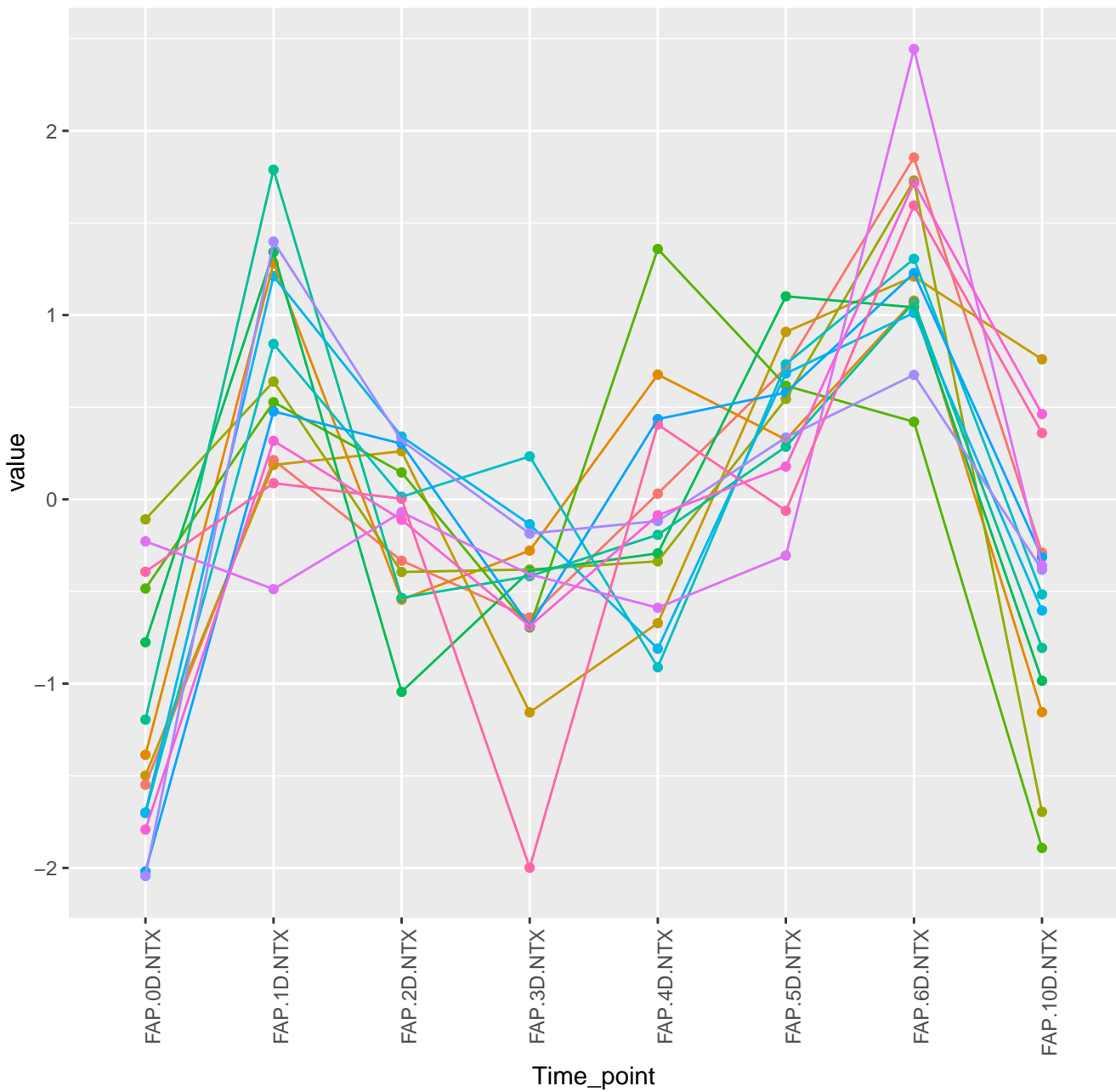


9 genes – cluster 80

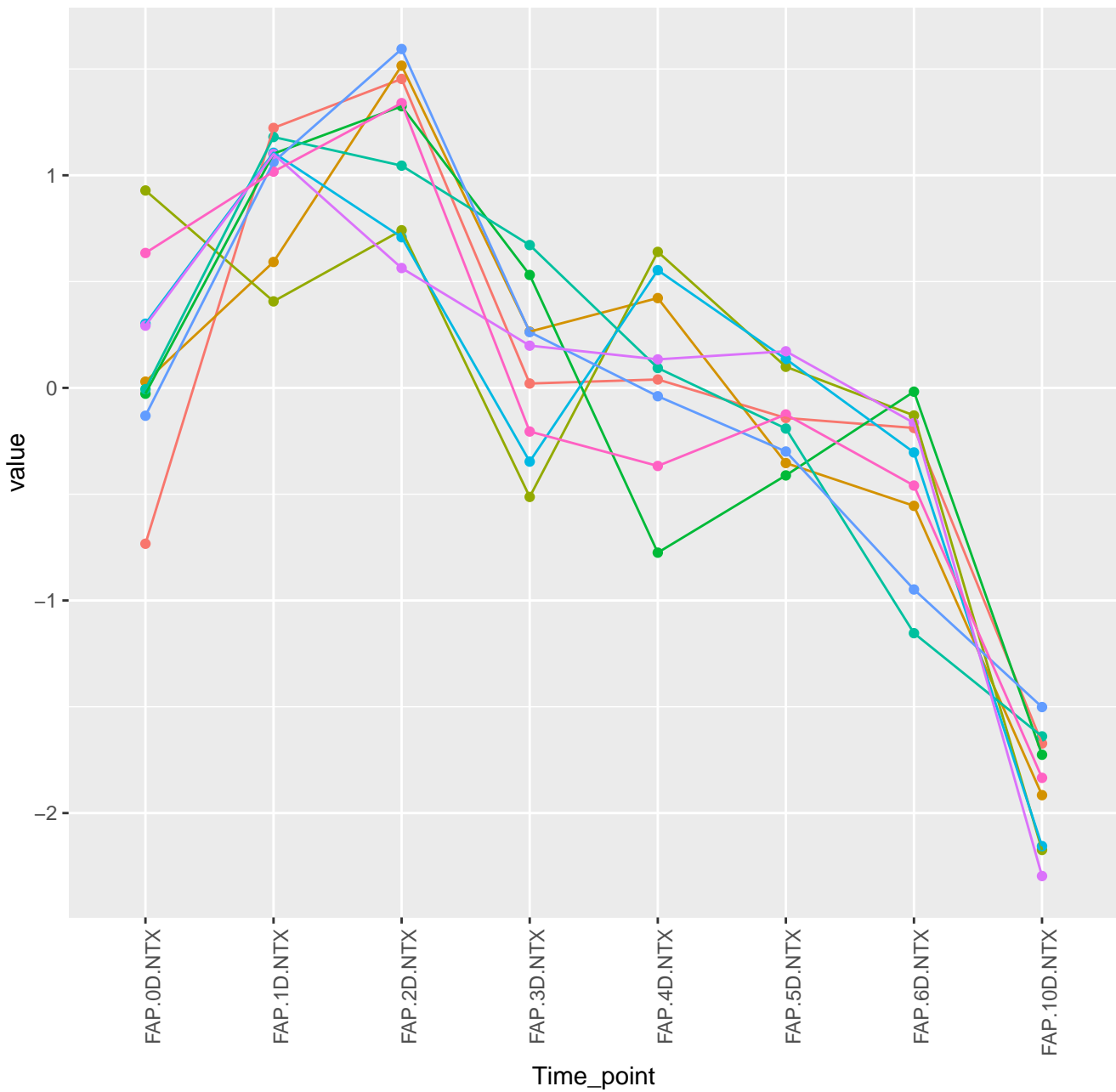




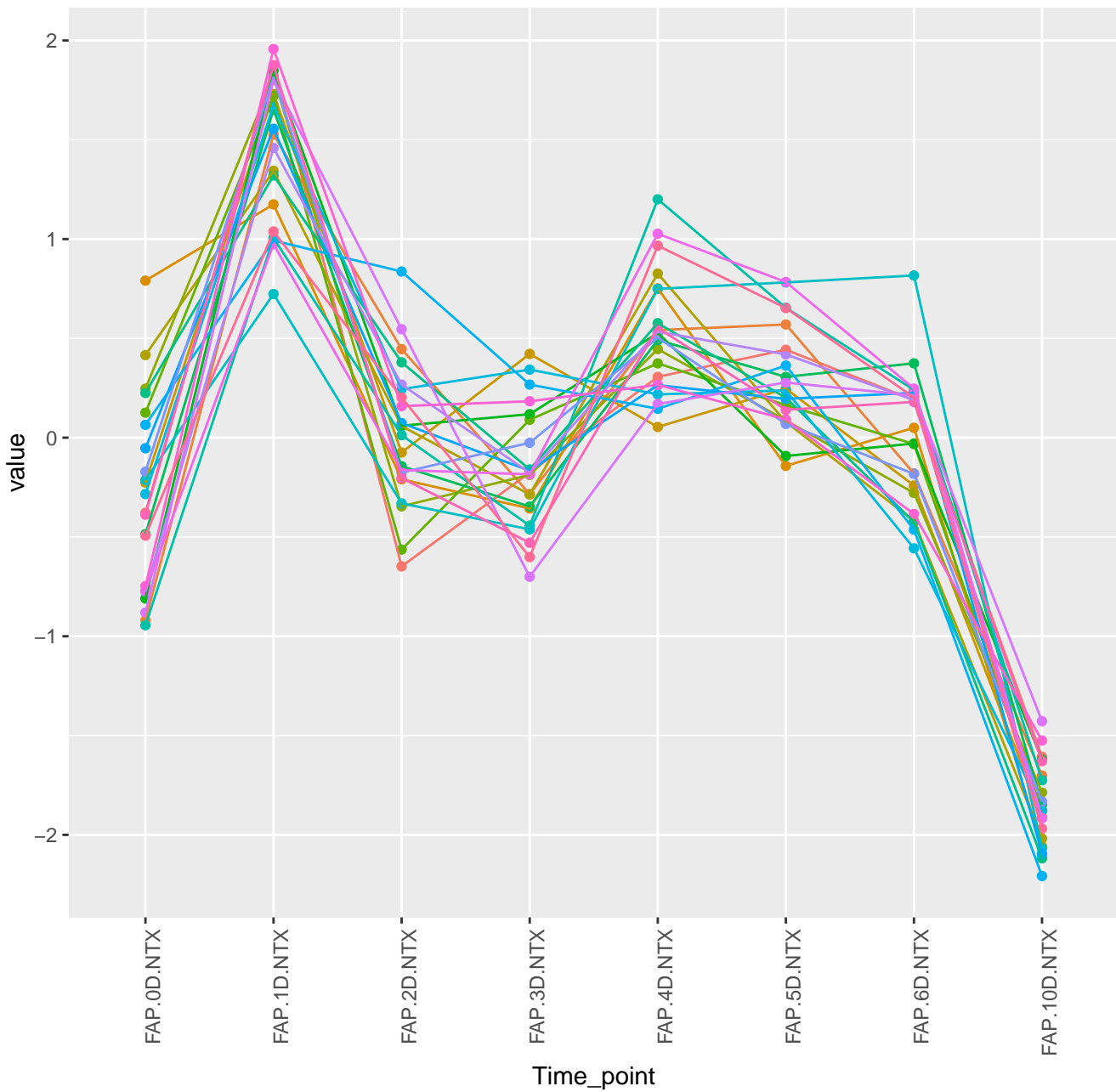
14 genes – cluster 81



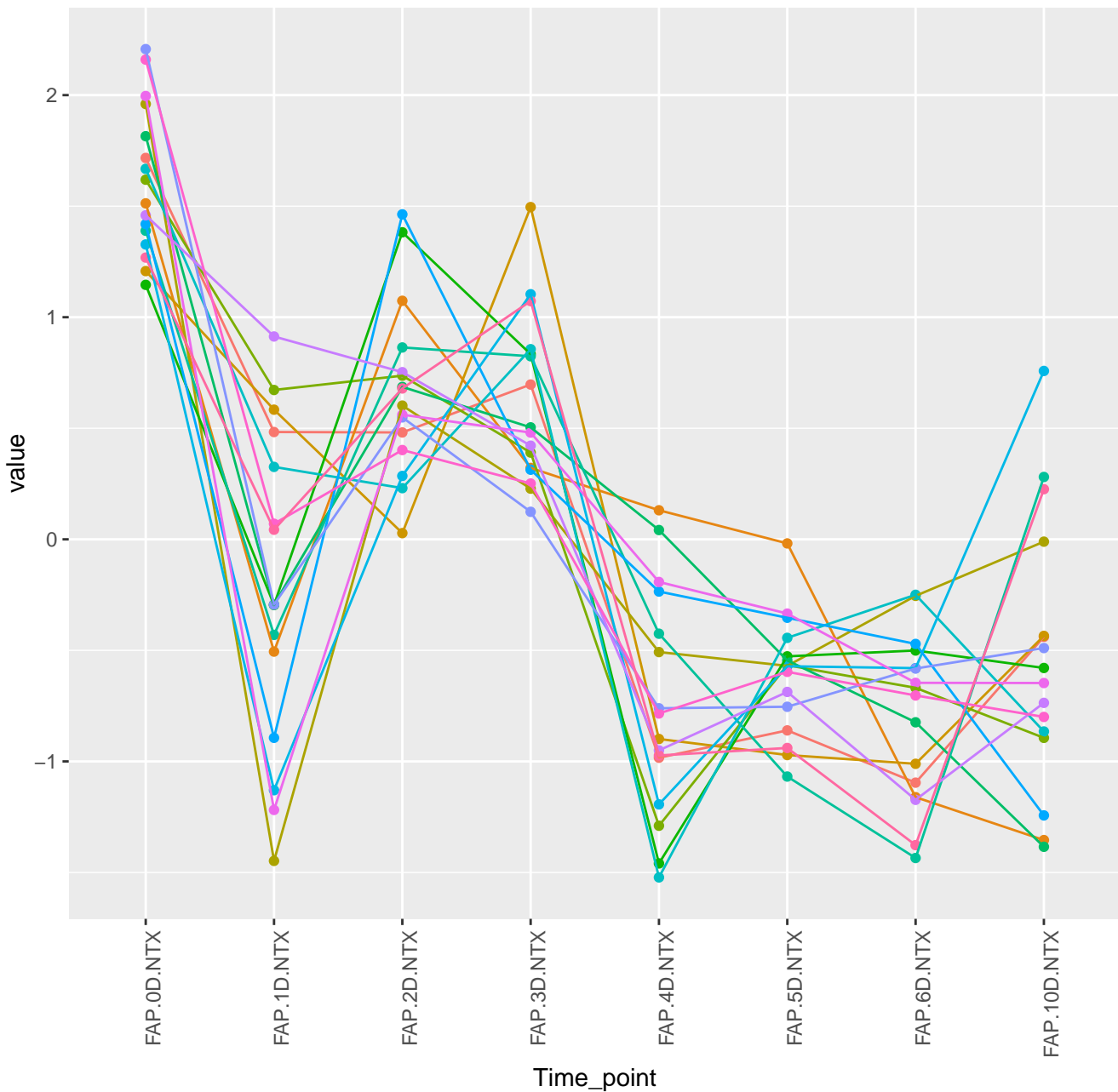
9 genes – cluster 82



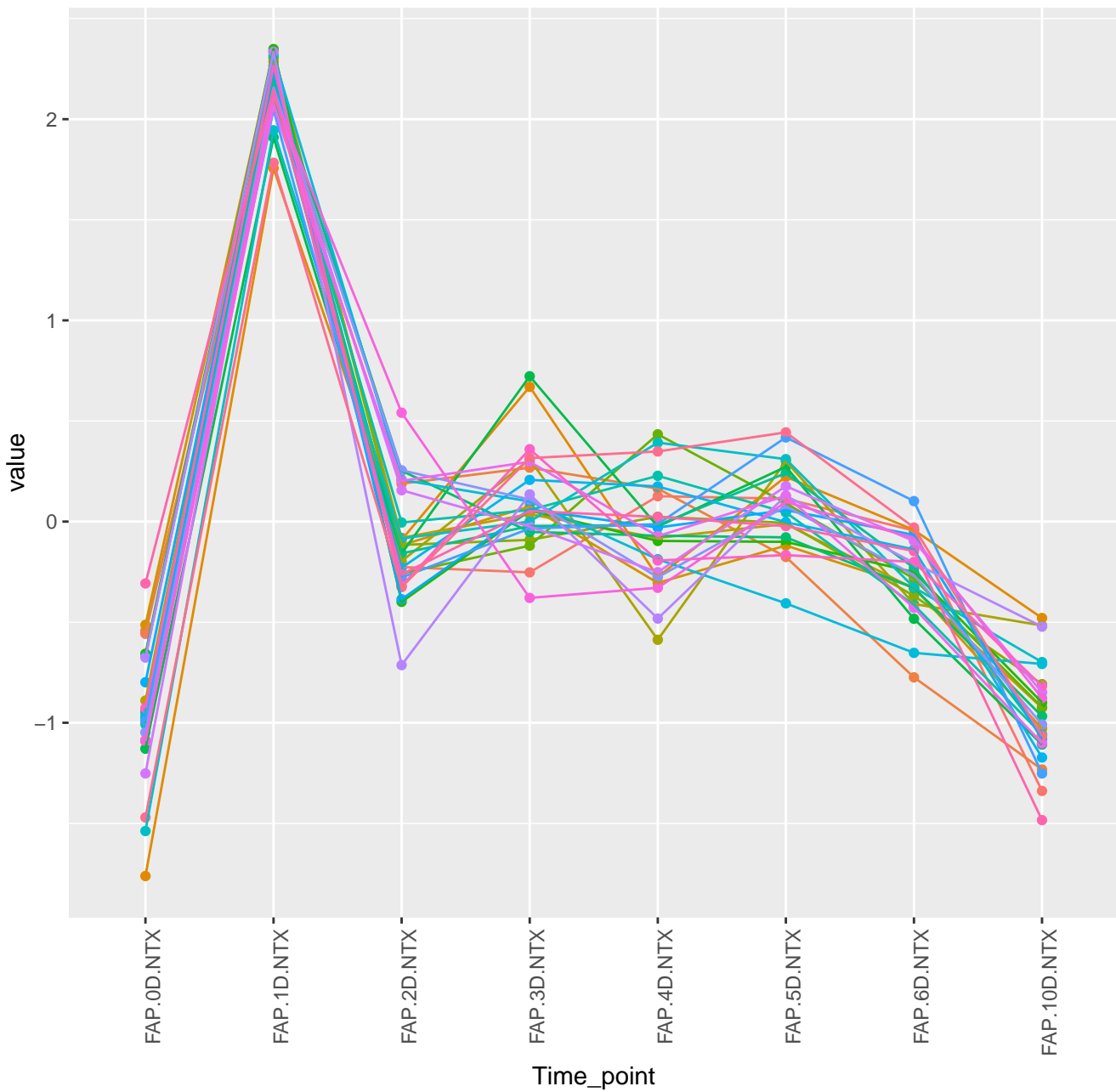
22 genes – cluster 83



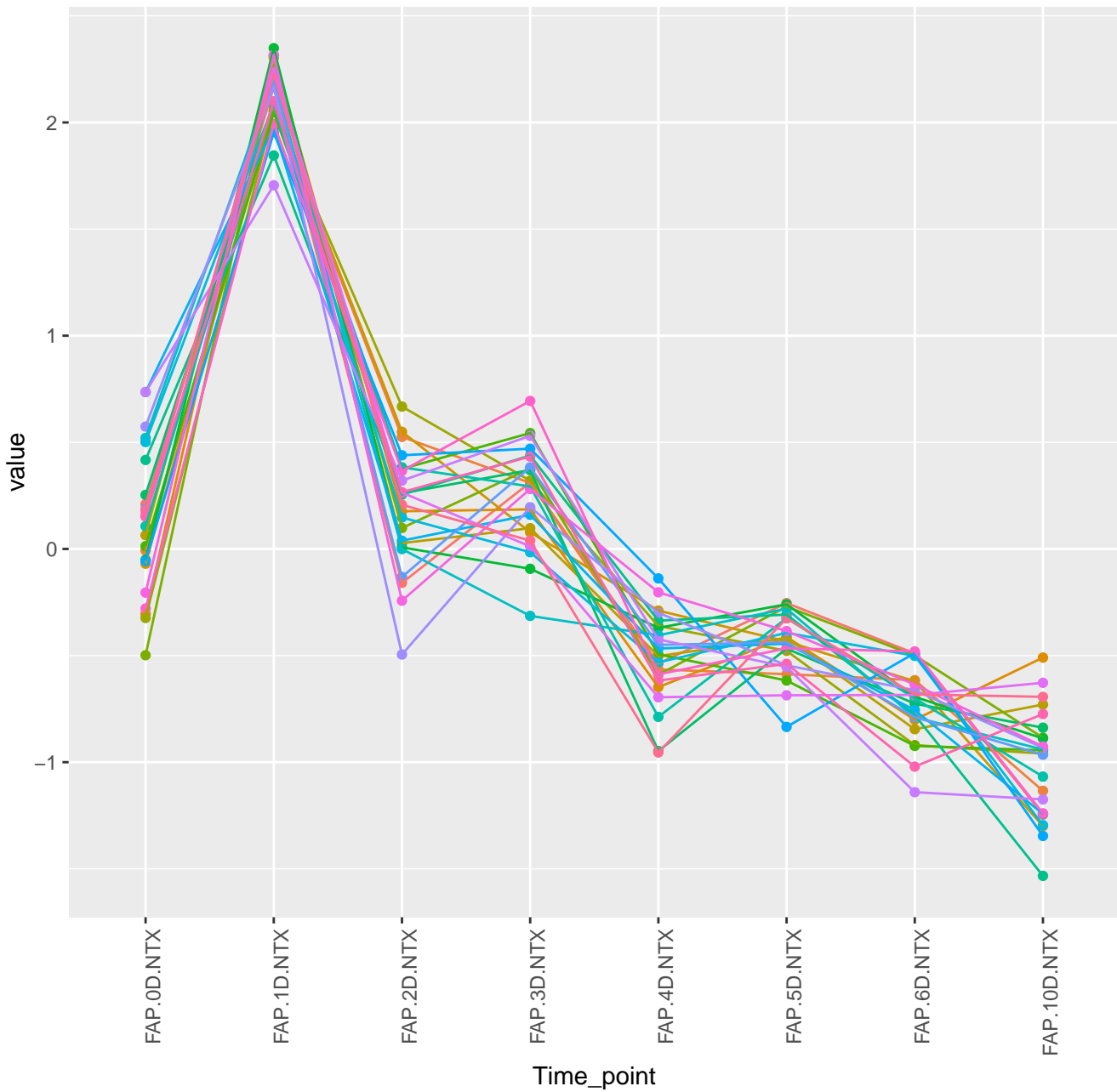
16 genes – cluster 84



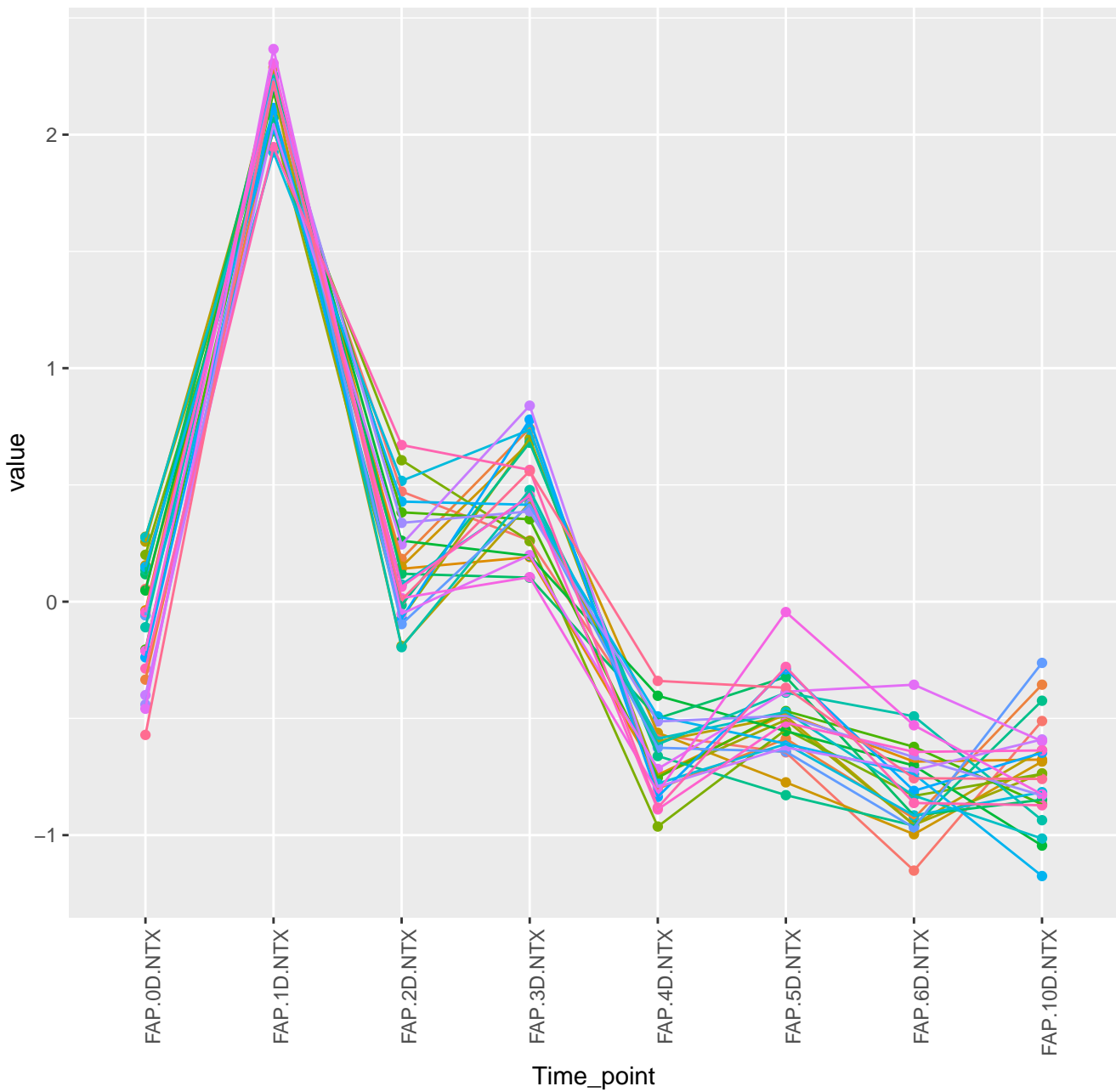
26 genes – cluster 85



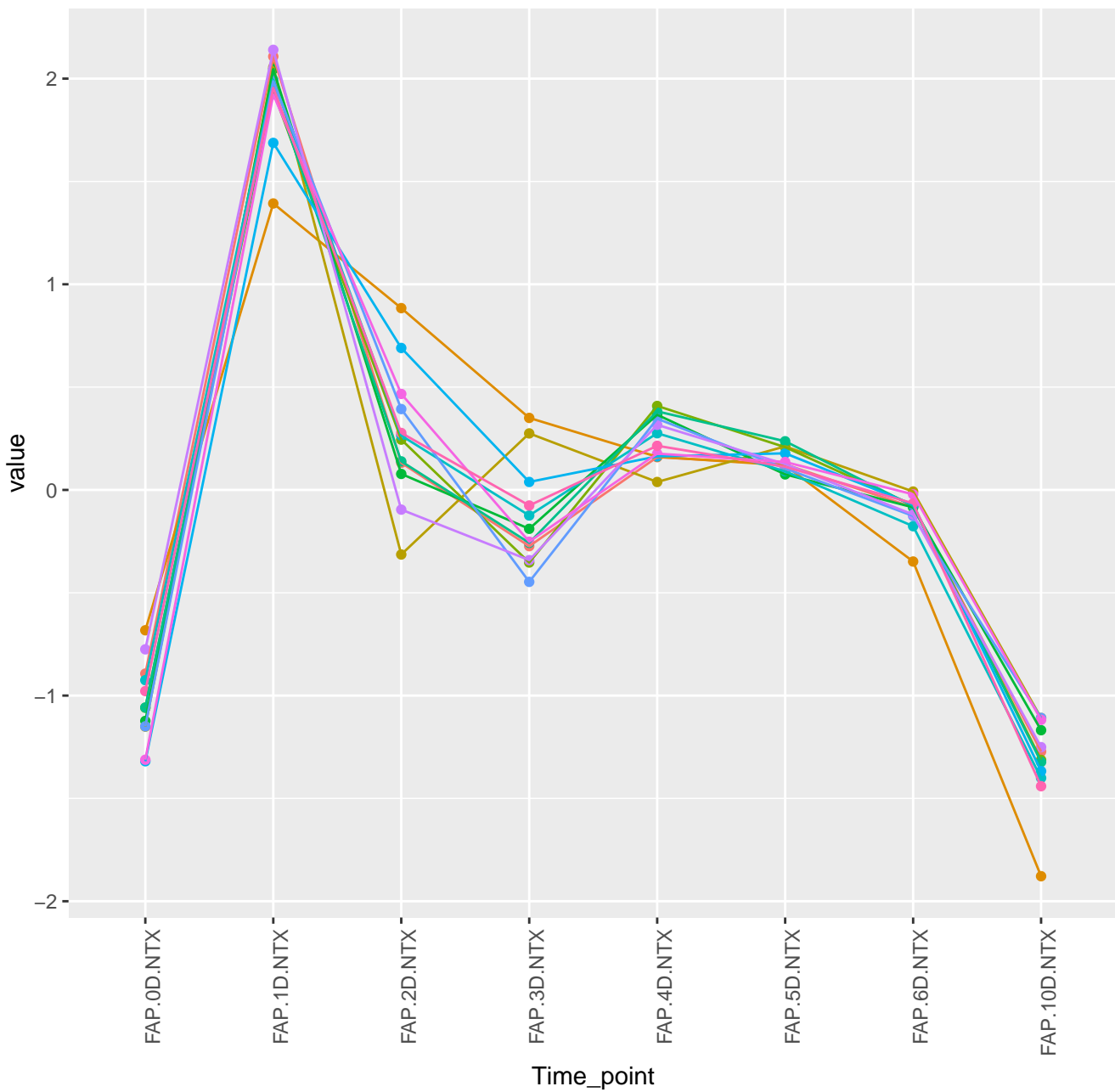
24 genes – cluster 86



24 genes – cluster 87

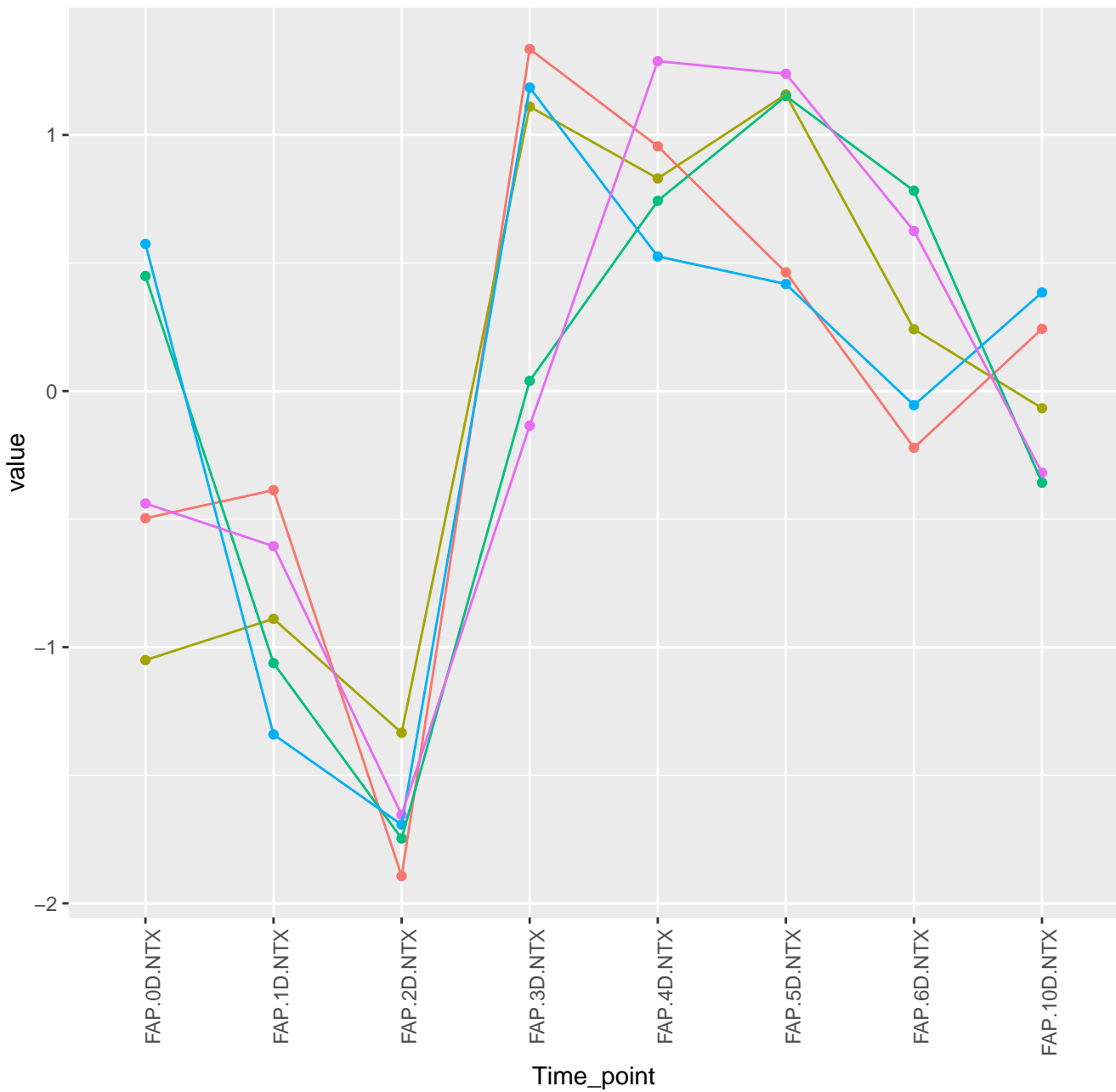


12 genes – cluster 88

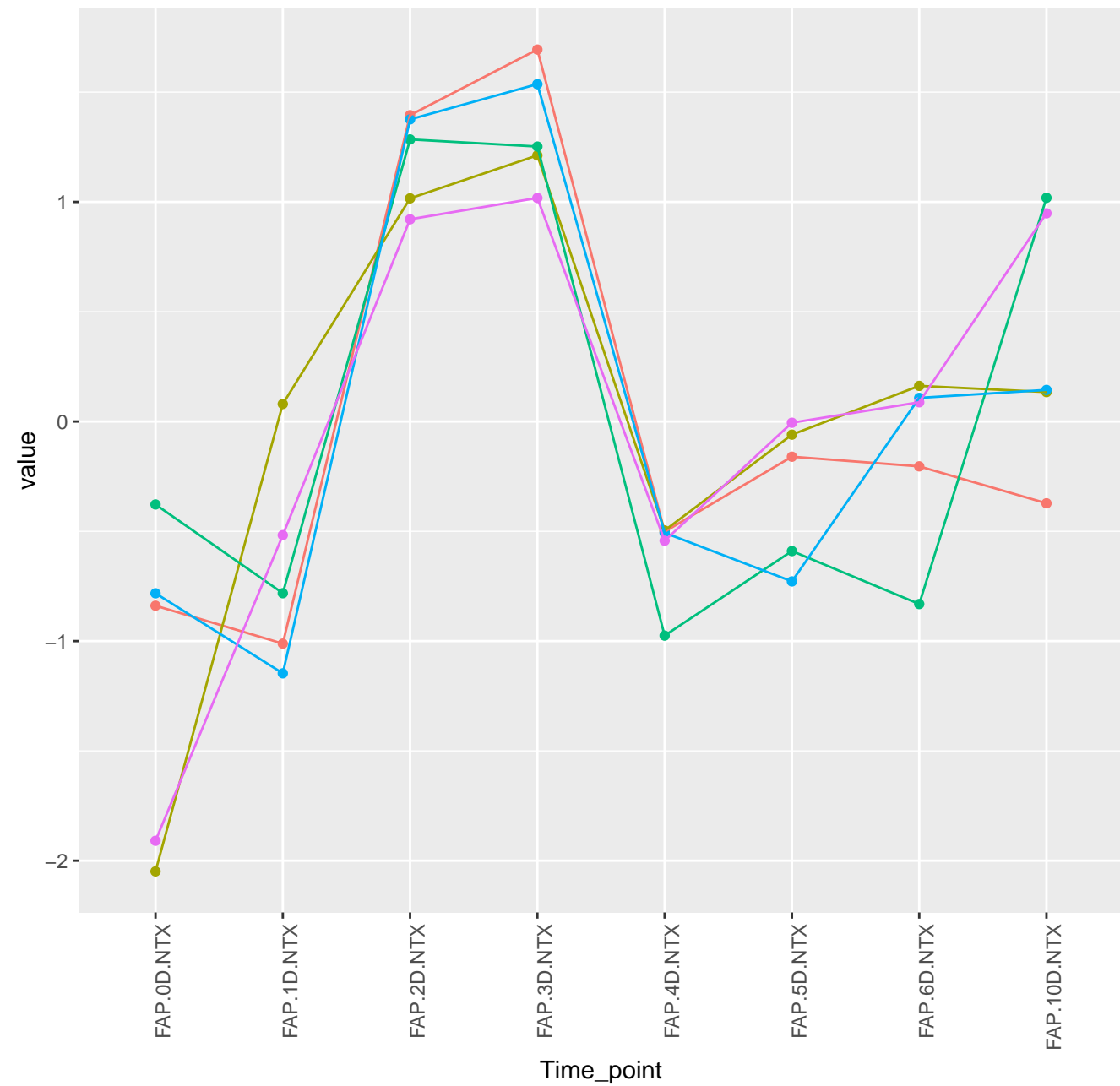




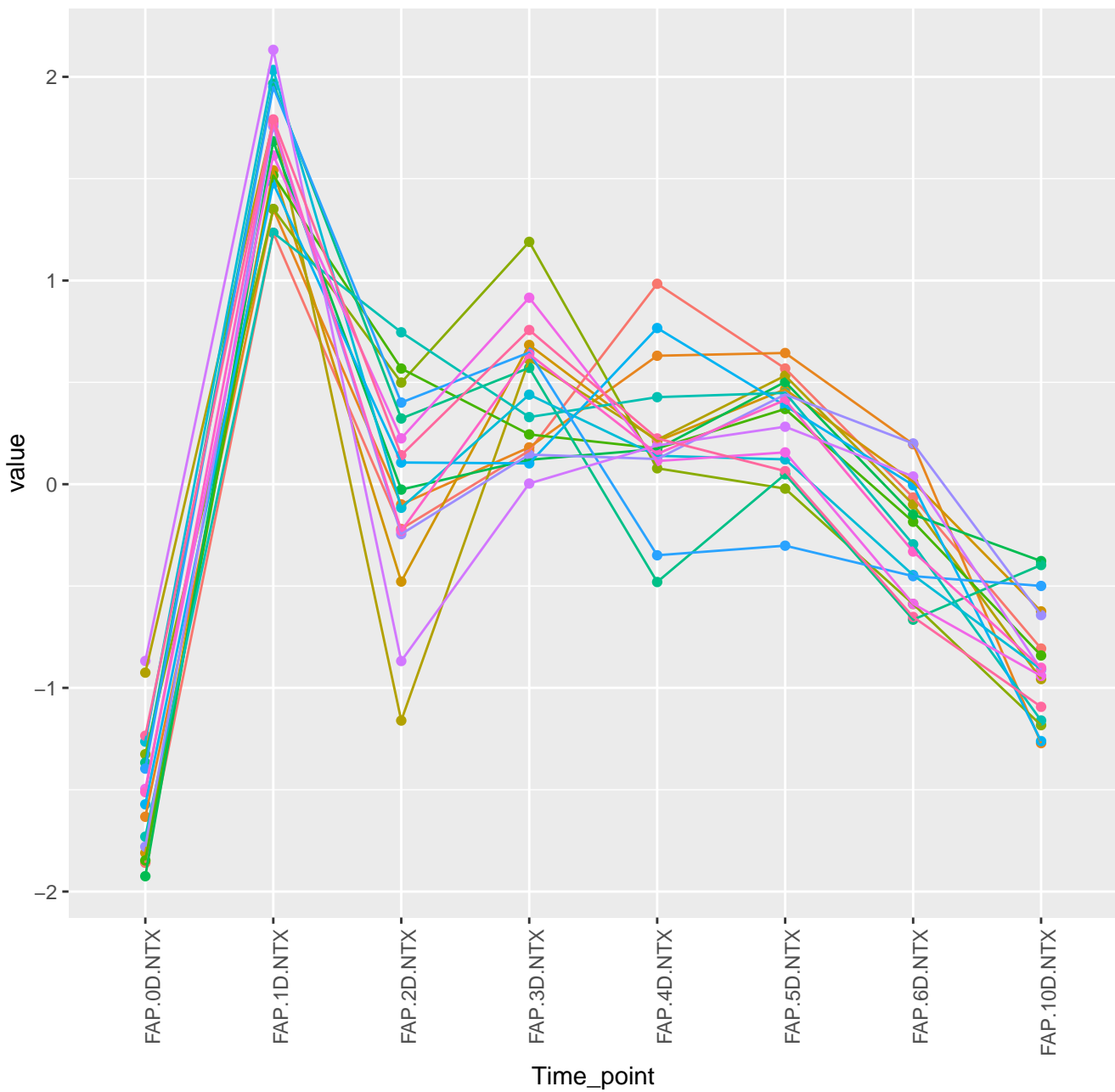
5 genes – cluster 89



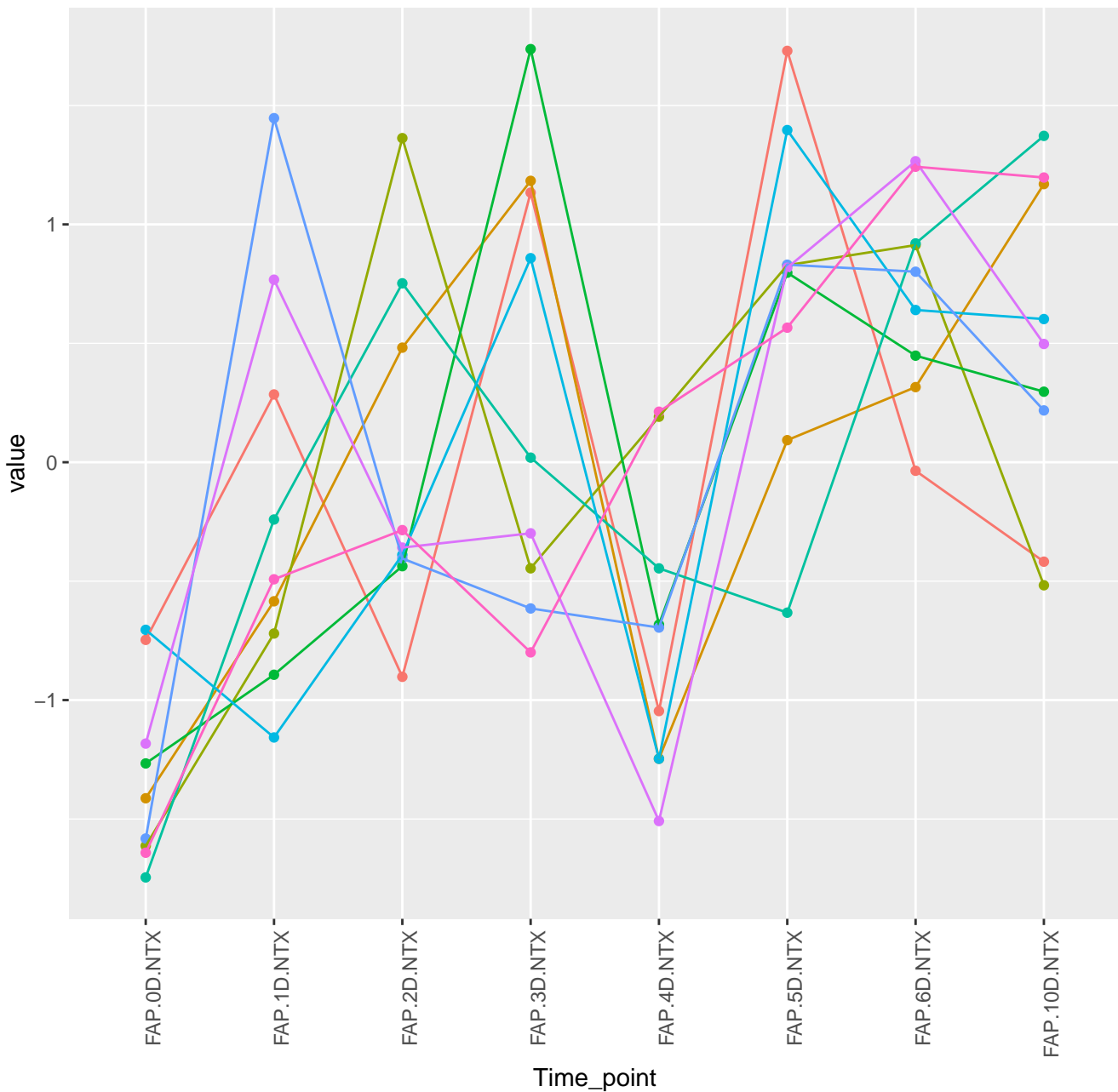
5 genes – cluster 90



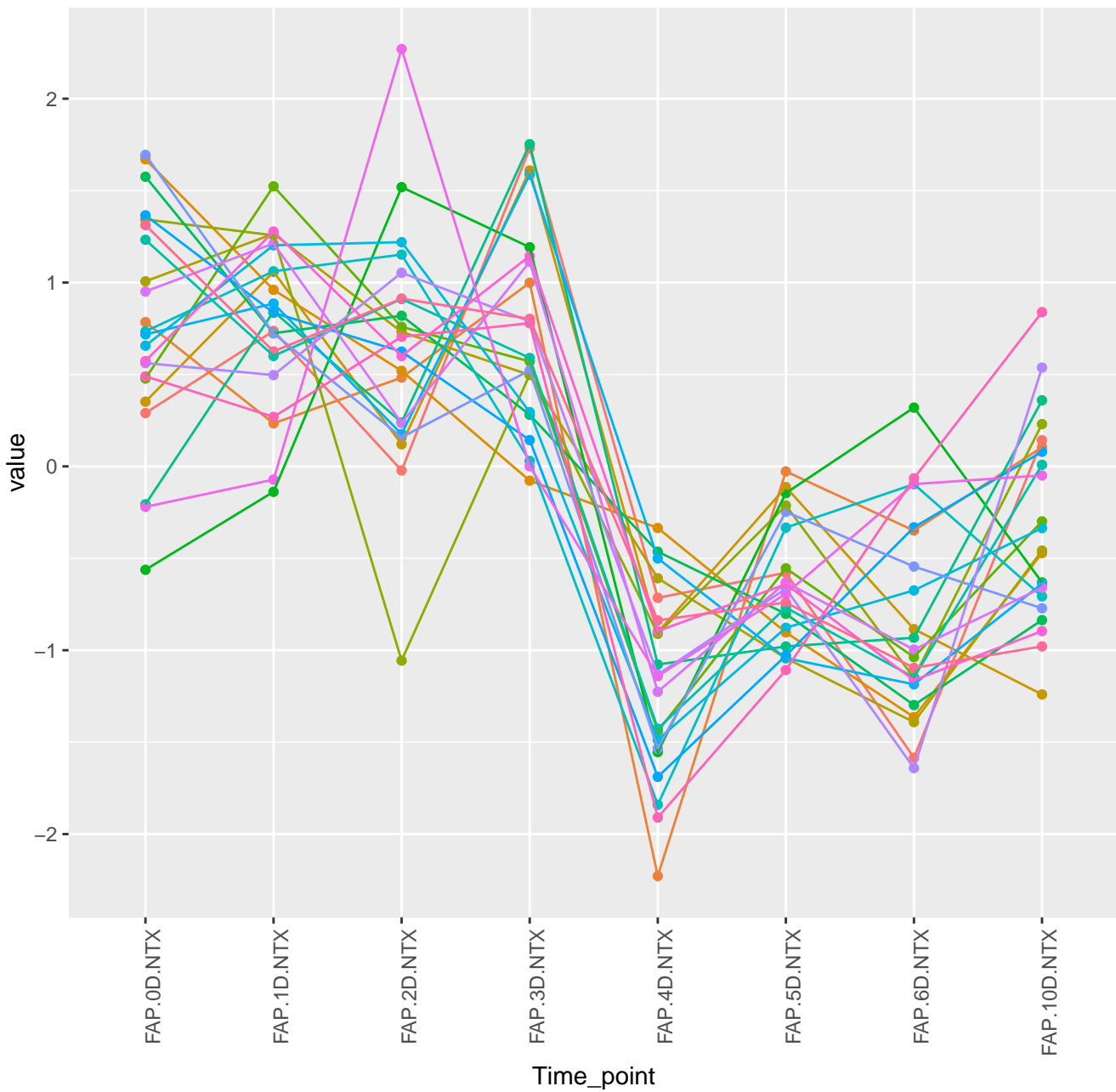
17 genes – cluster 91



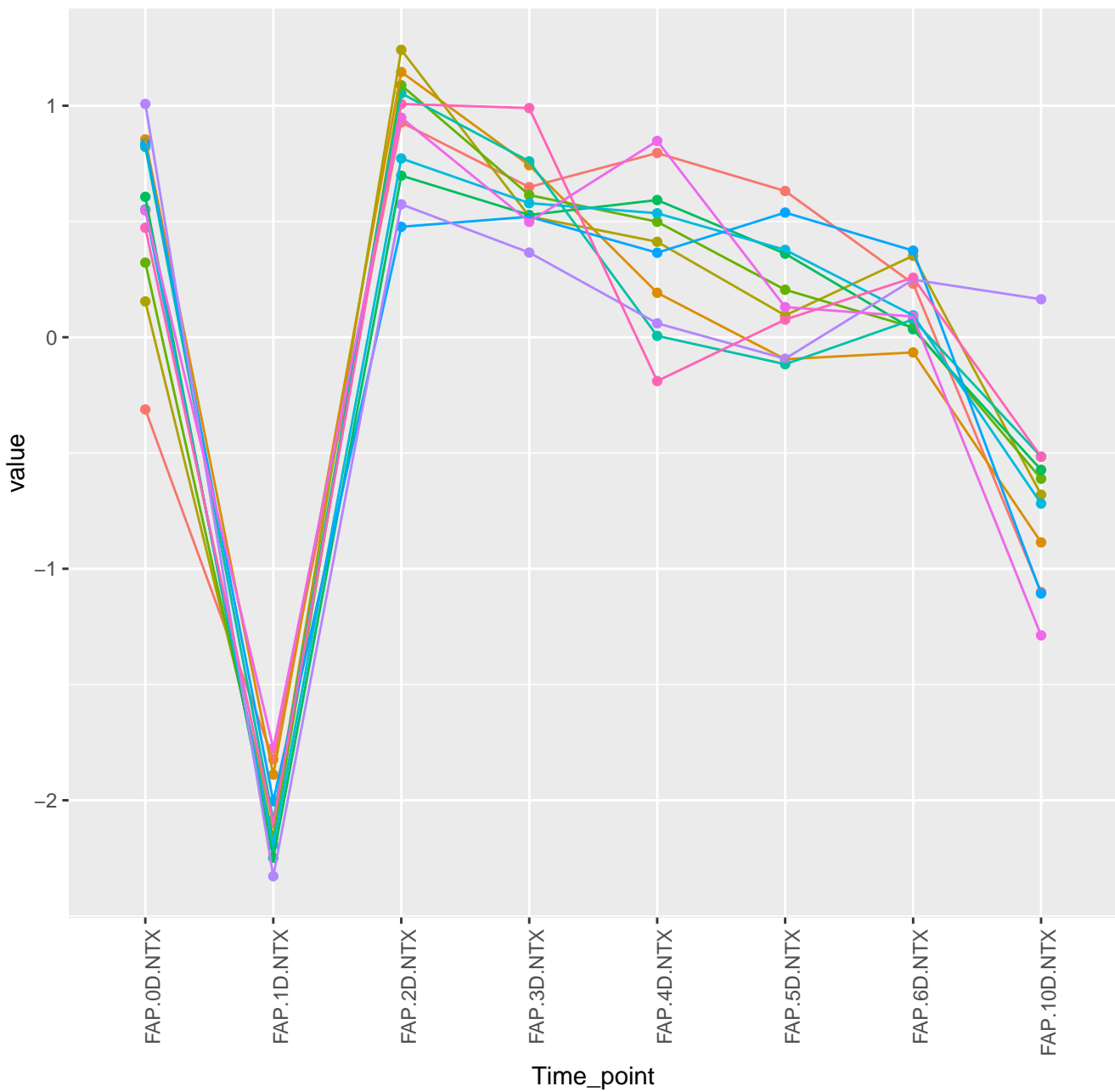
9 genes – cluster 92



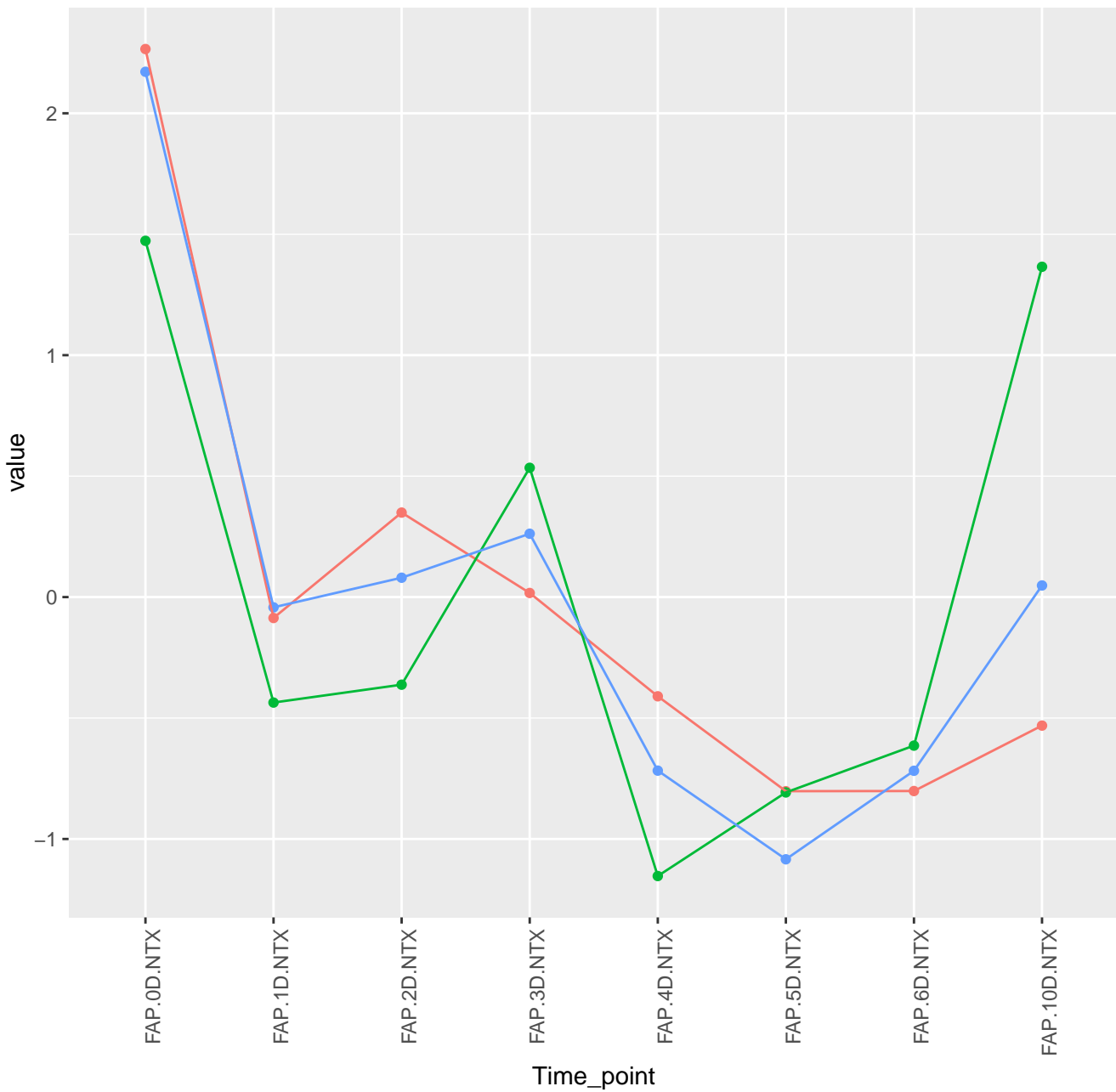
22 genes – cluster 93



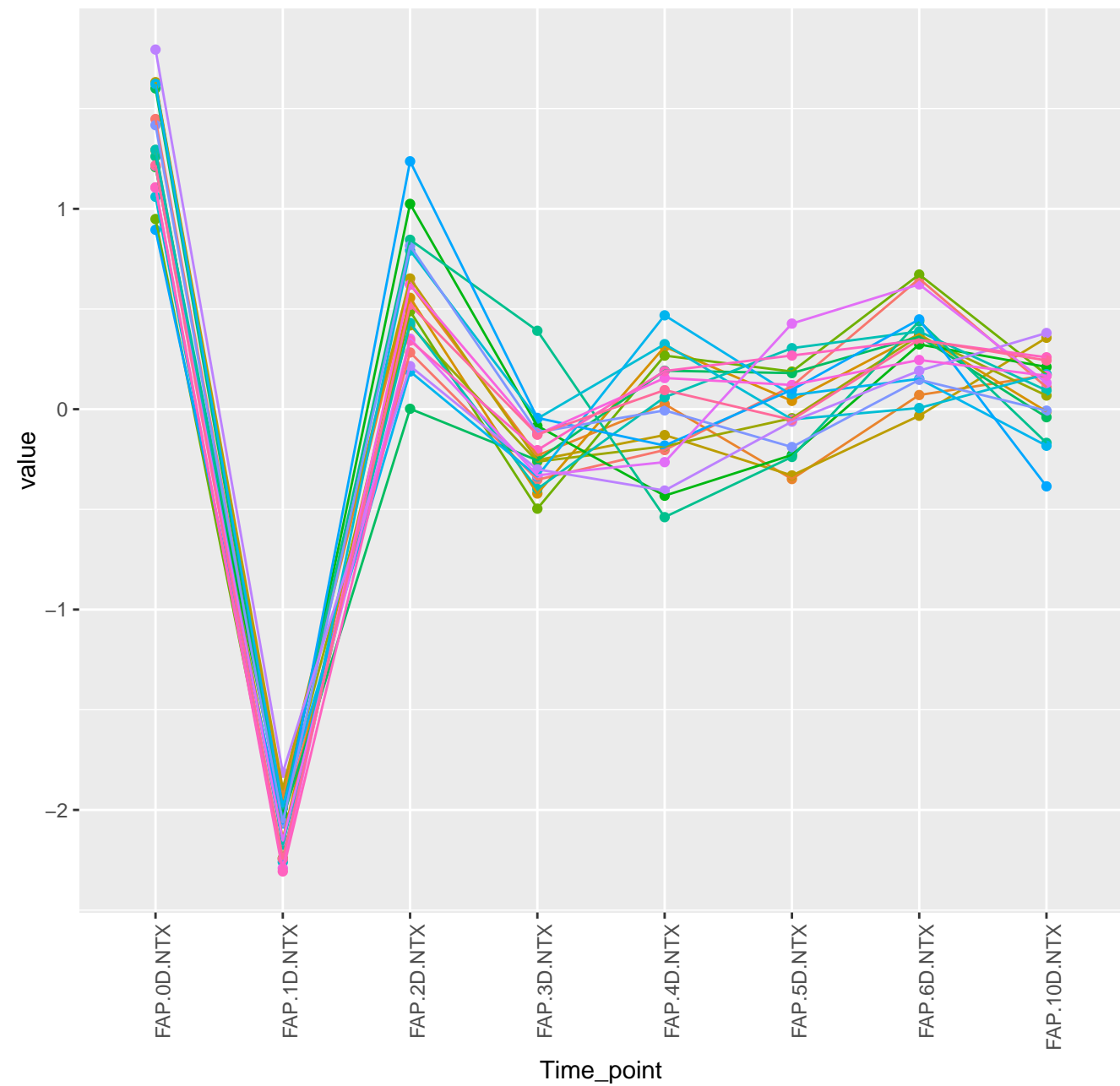
11 genes – cluster 94



3 genes – cluster 95

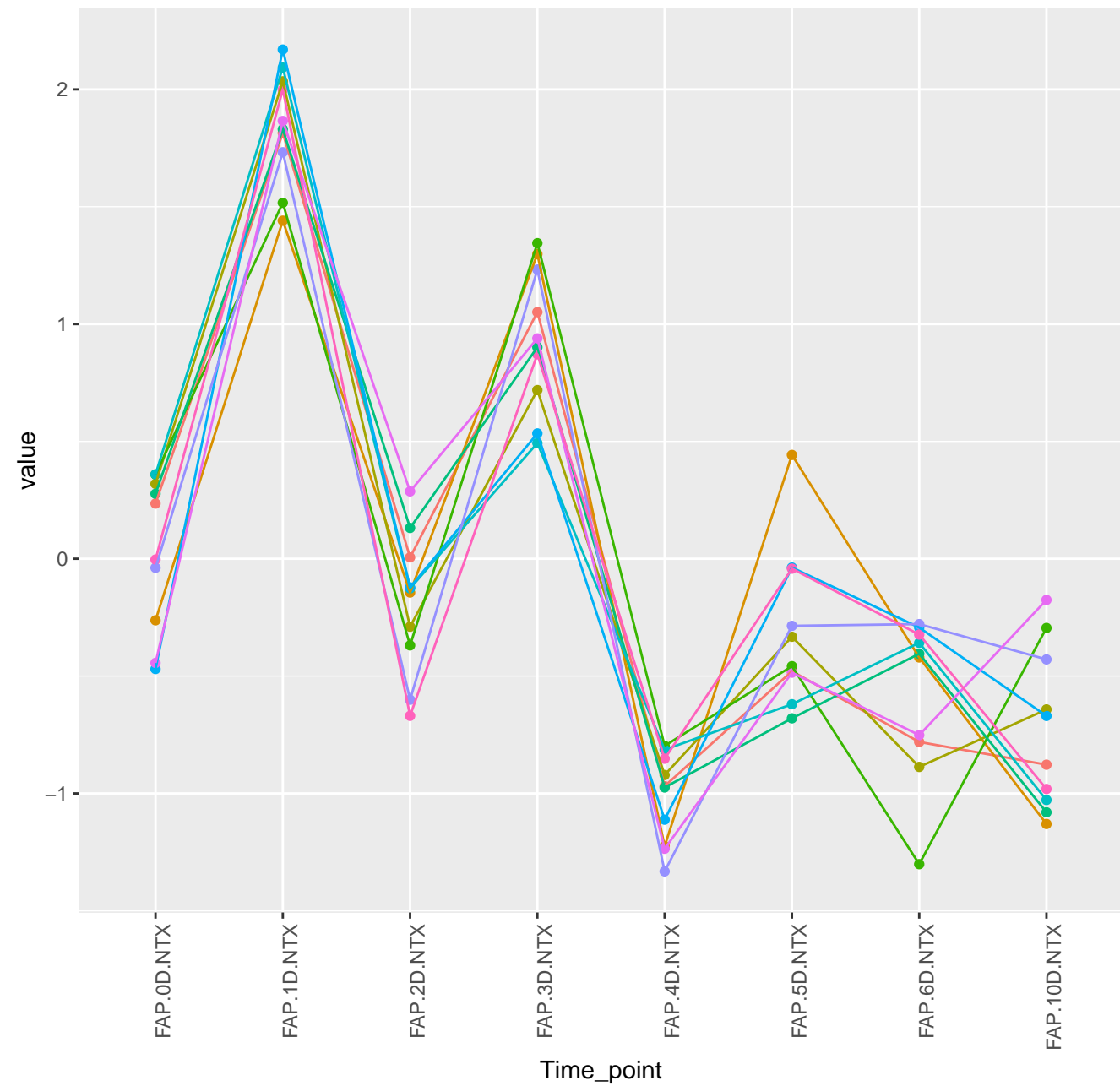


19 genes – cluster 96

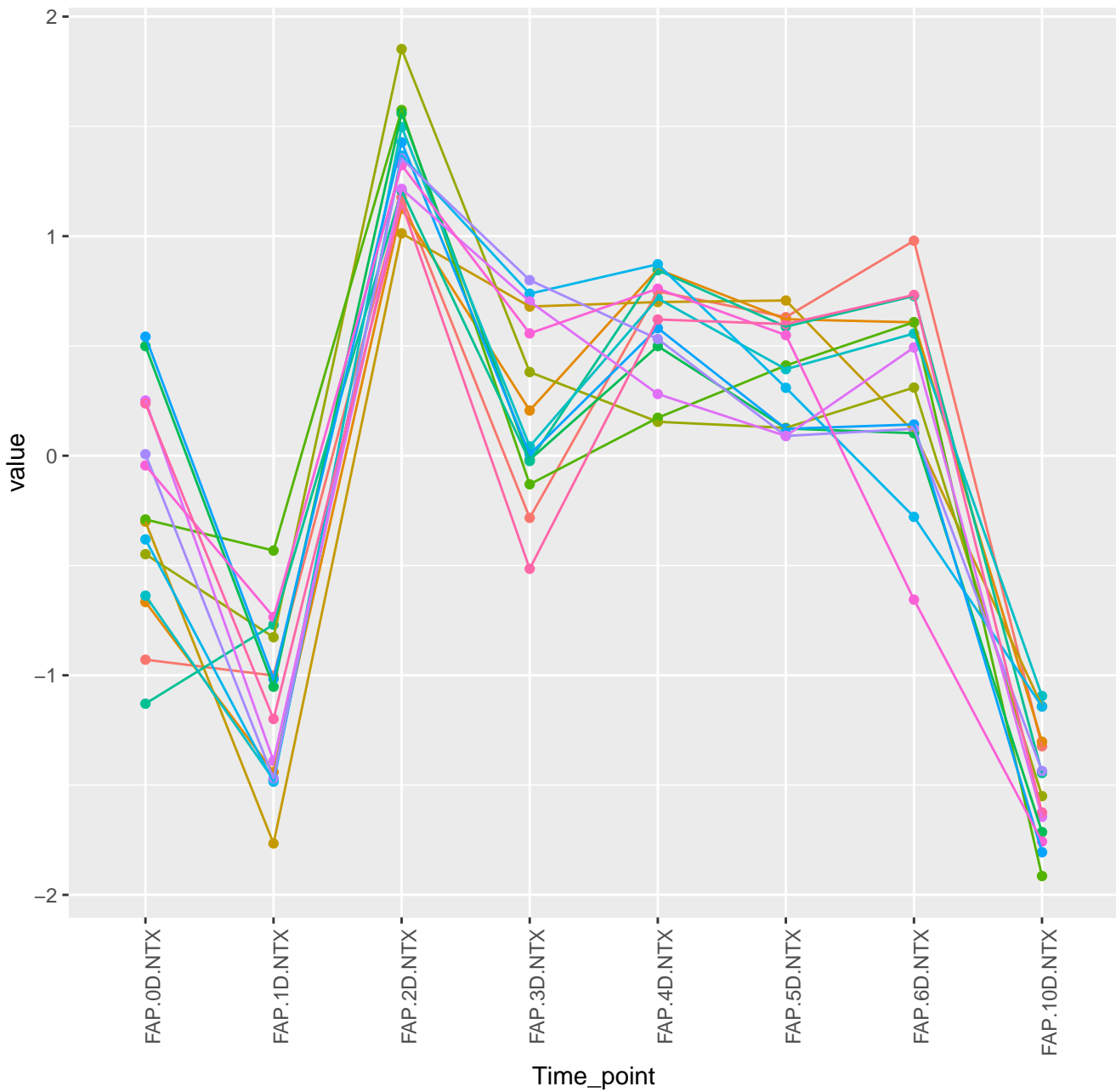




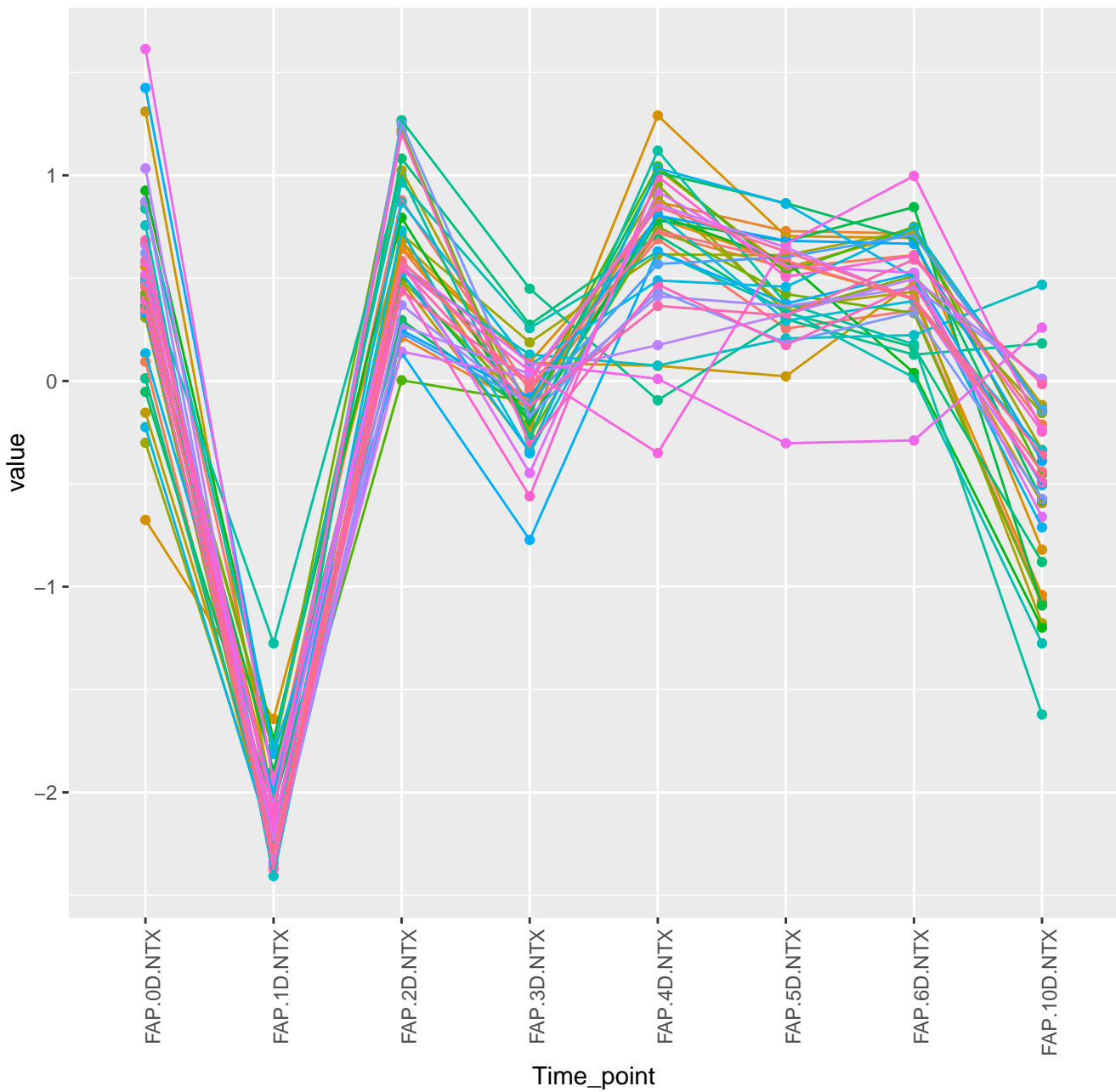
10 genes – cluster 97



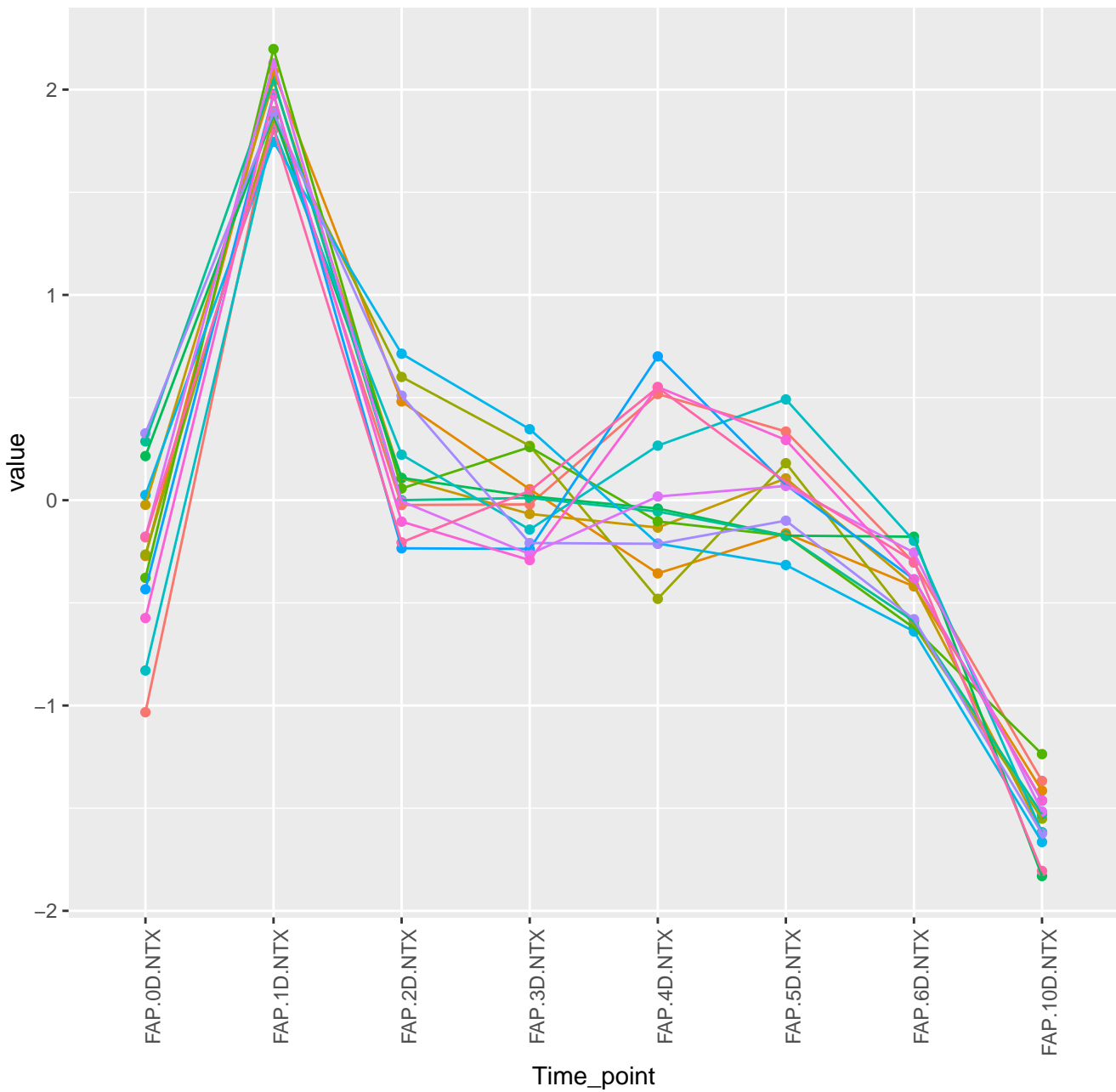
14 genes – cluster 98



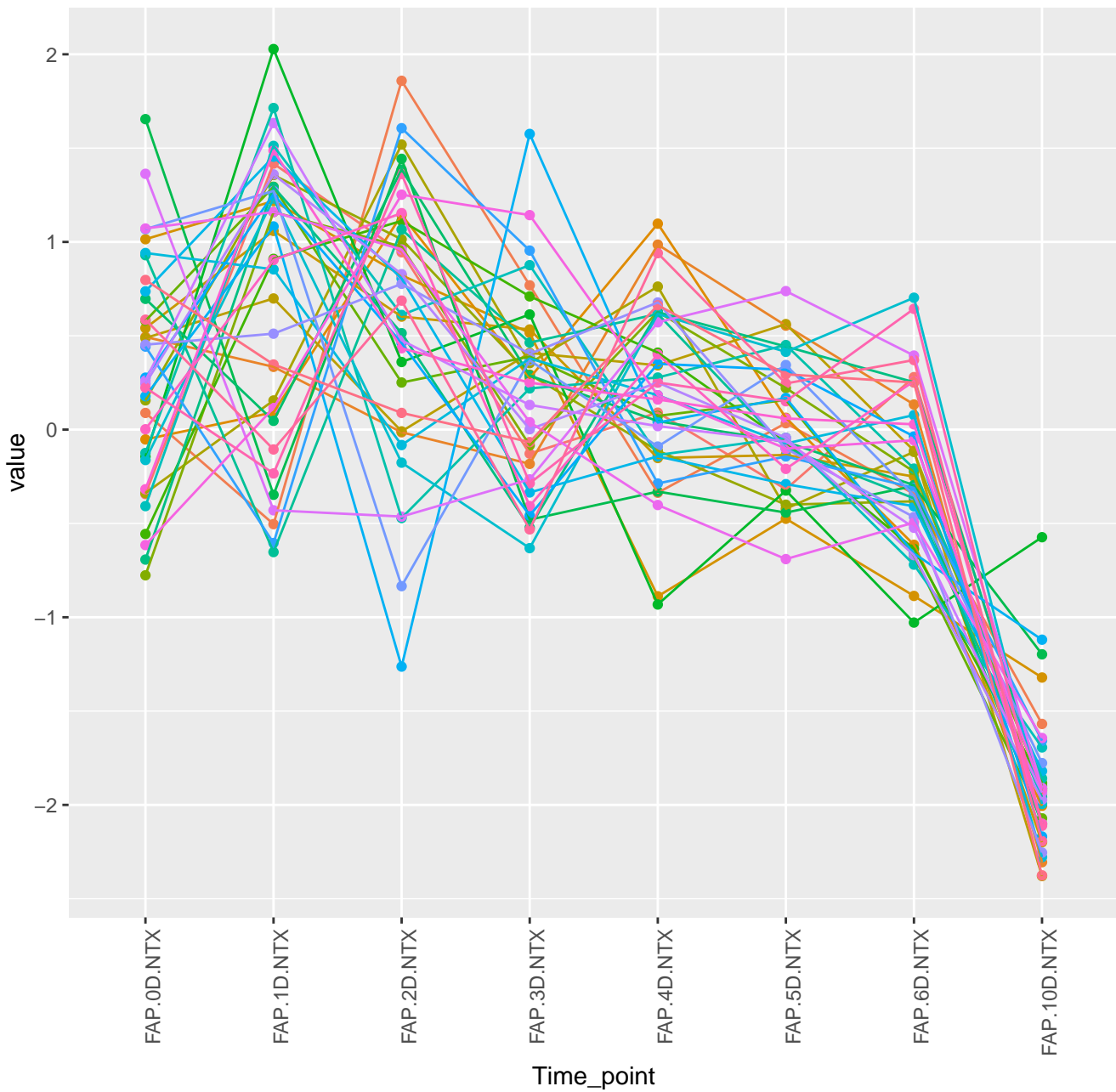
38 genes – cluster 99



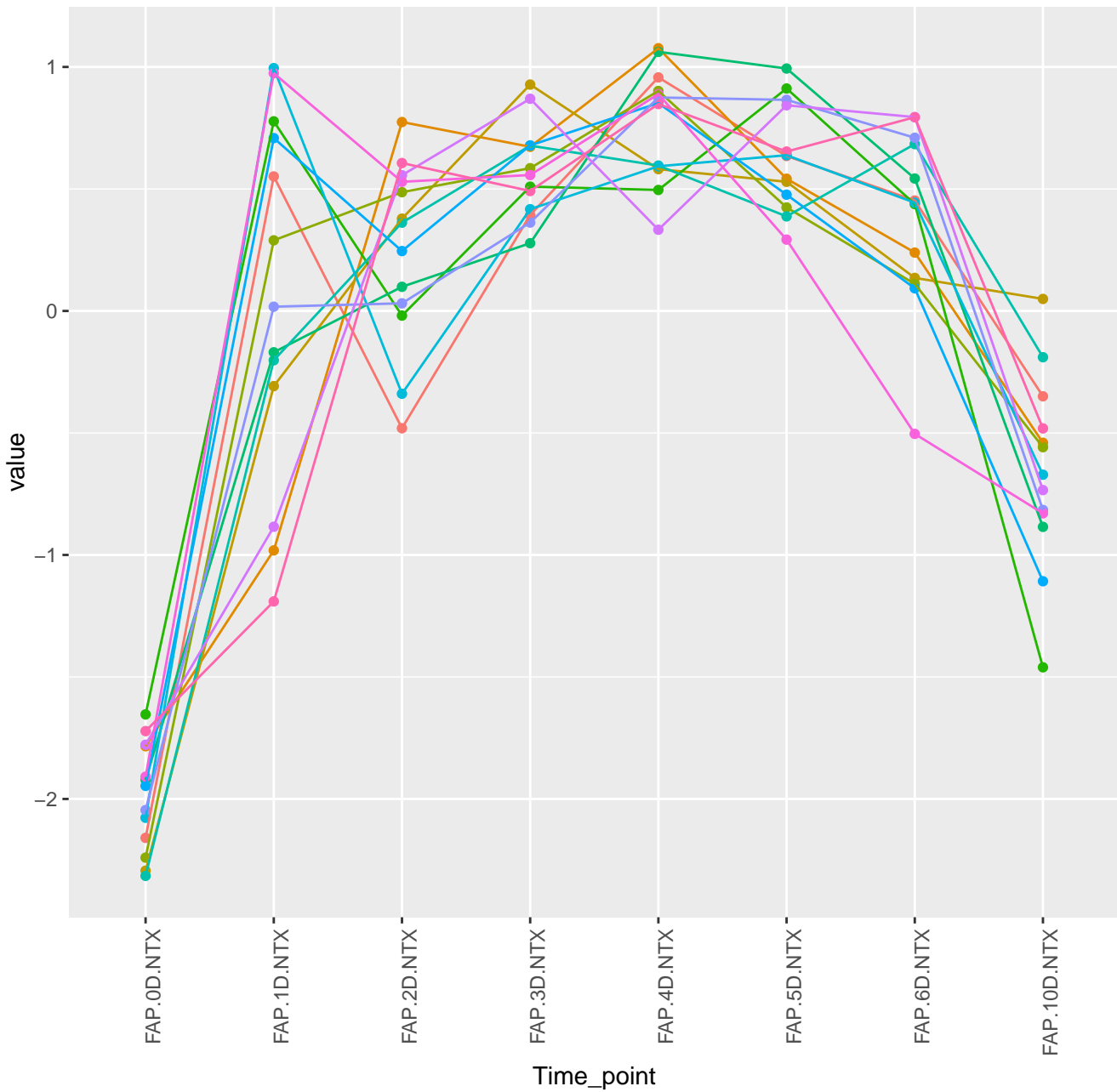
14 genes – cluster 100



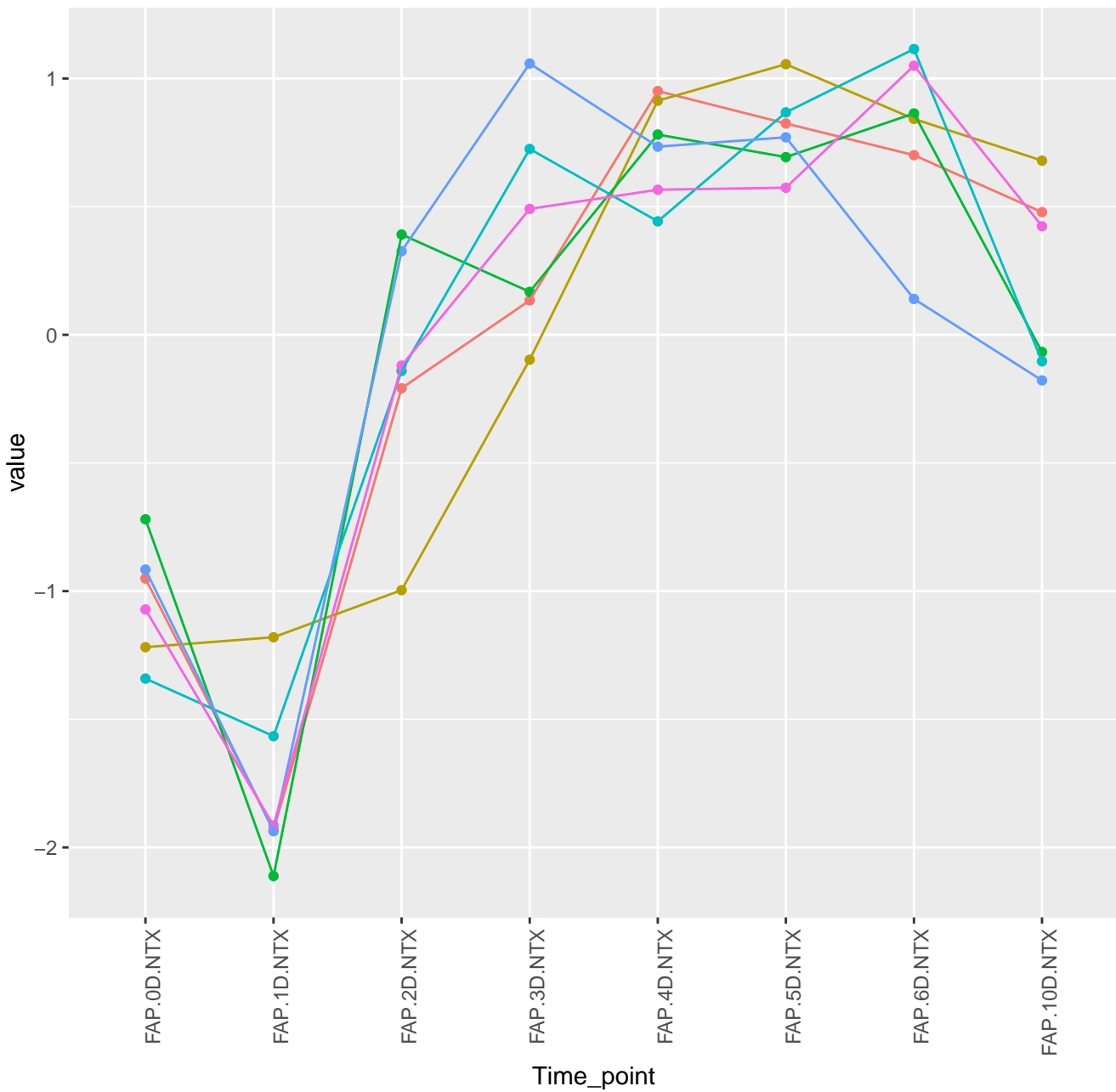
37 genes – cluster 101



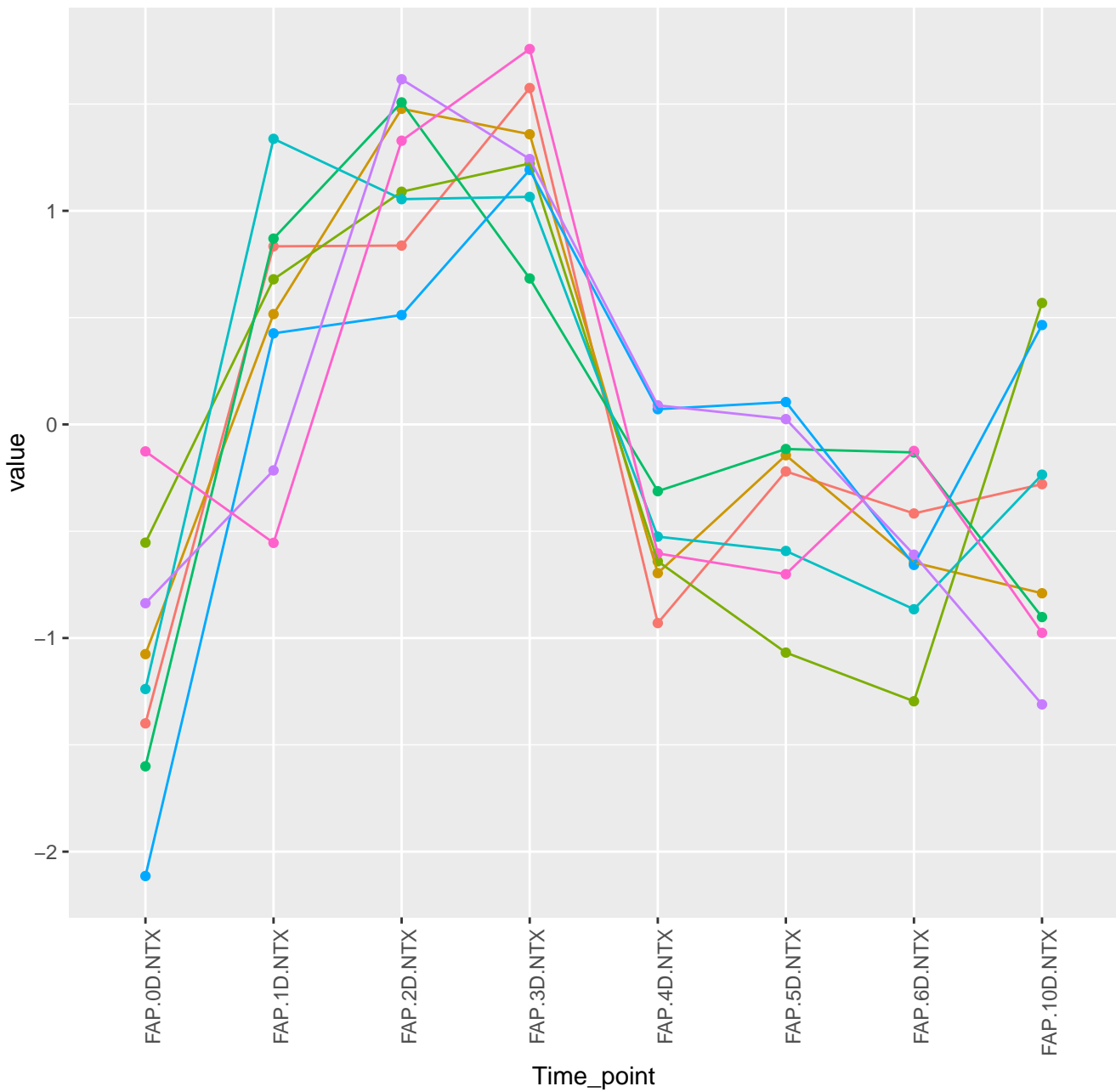
13 genes – cluster 102



6 genes – cluster 103

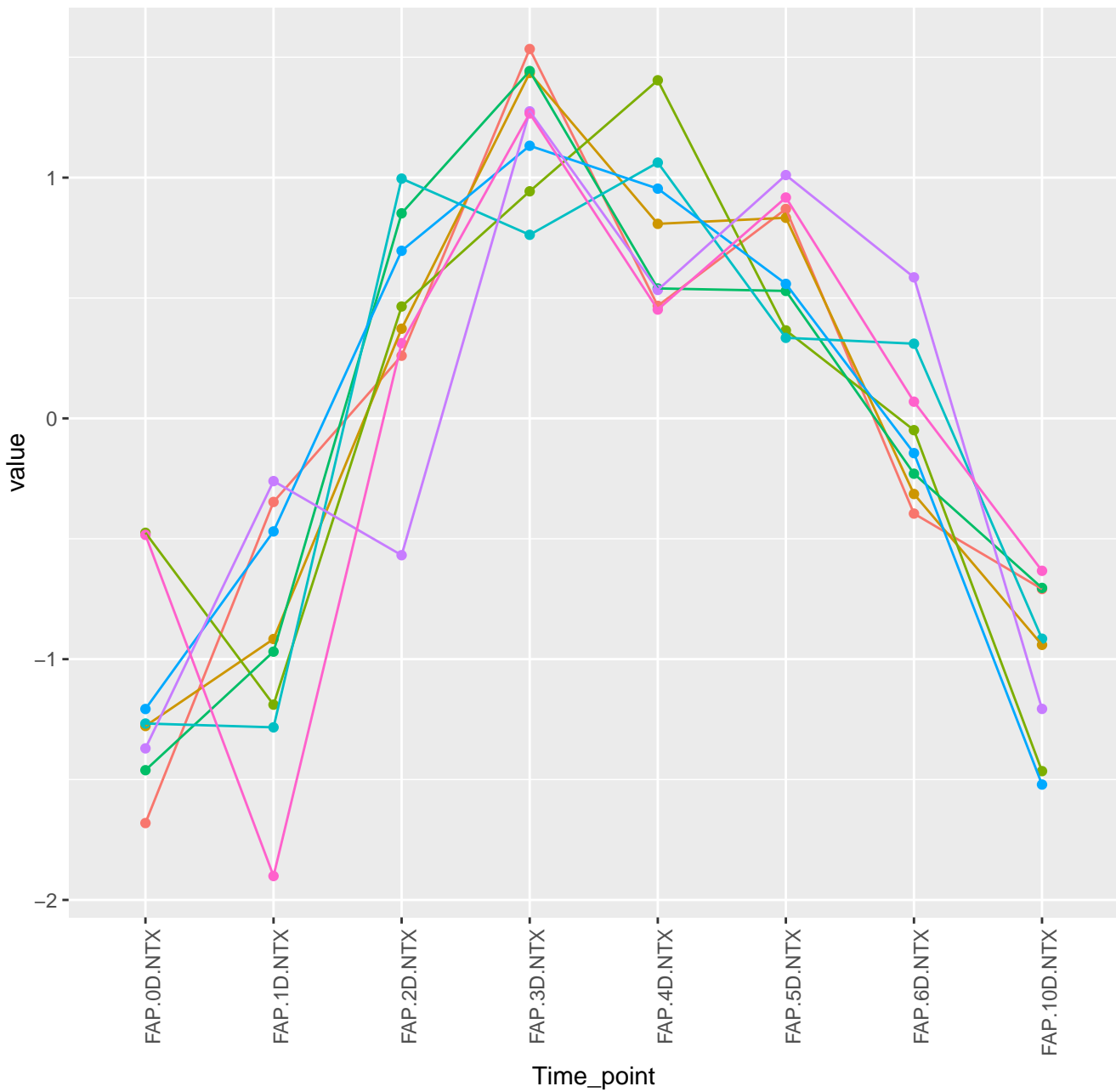


8 genes – cluster 104

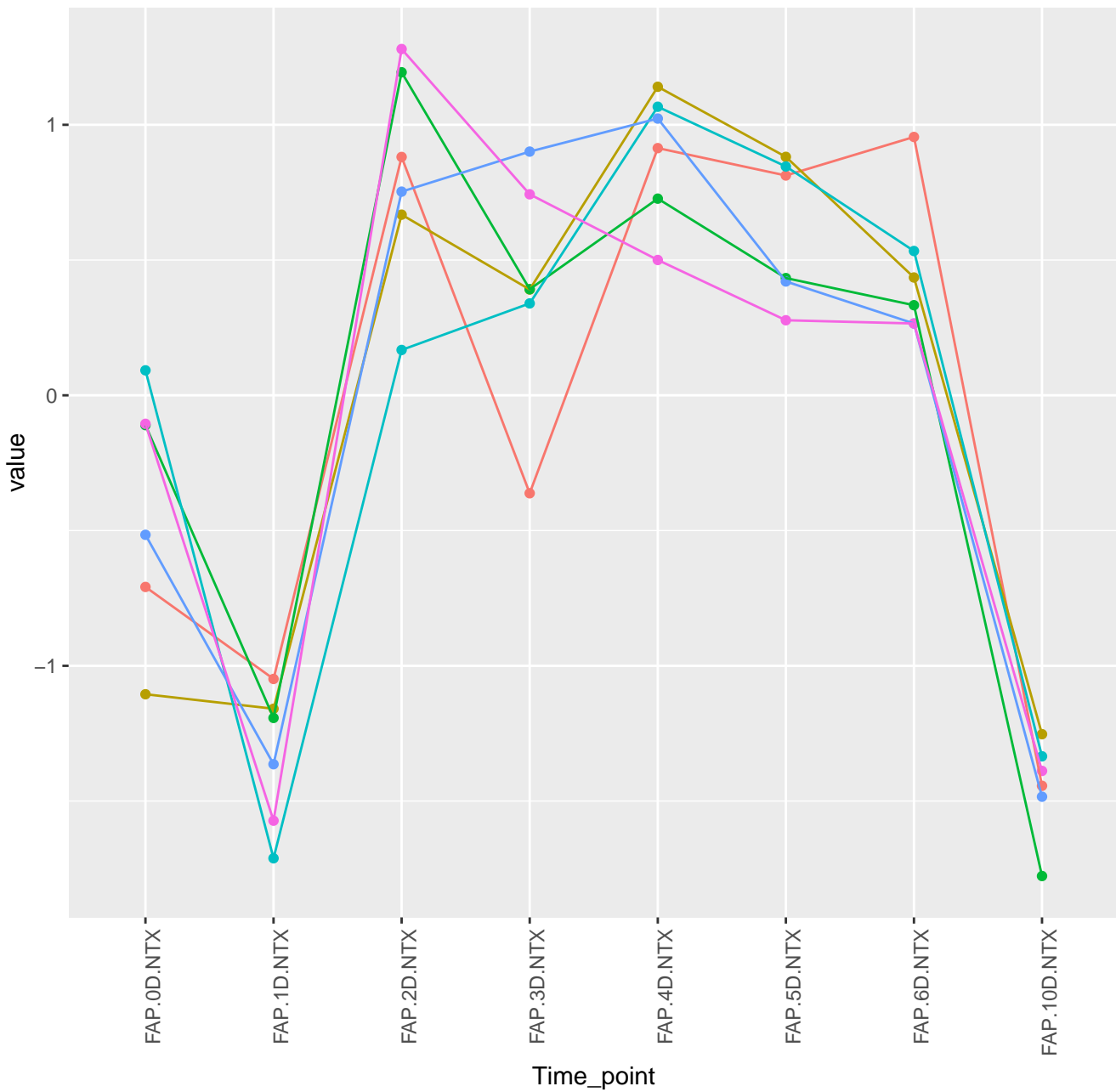




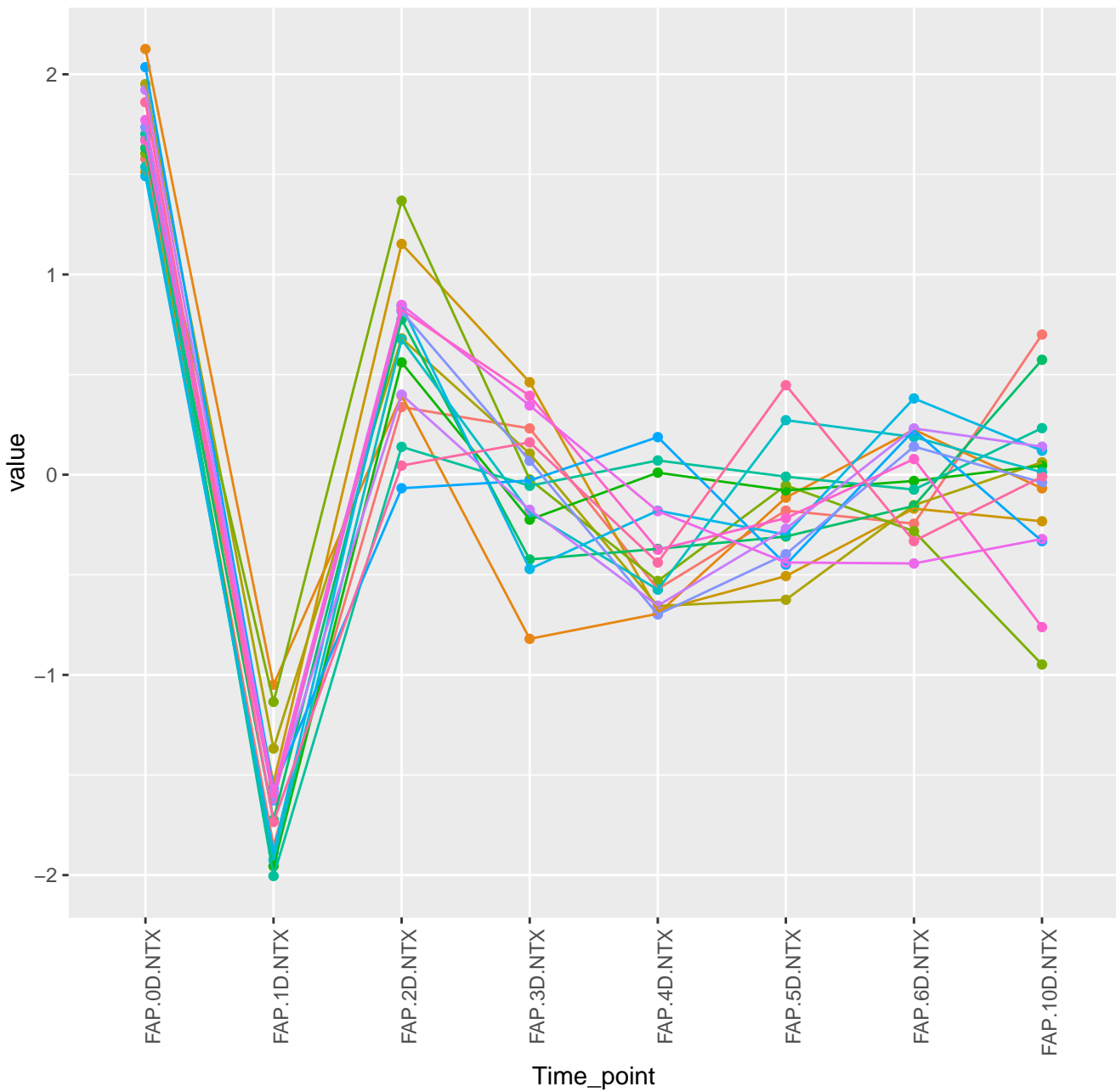
8 genes – cluster 105



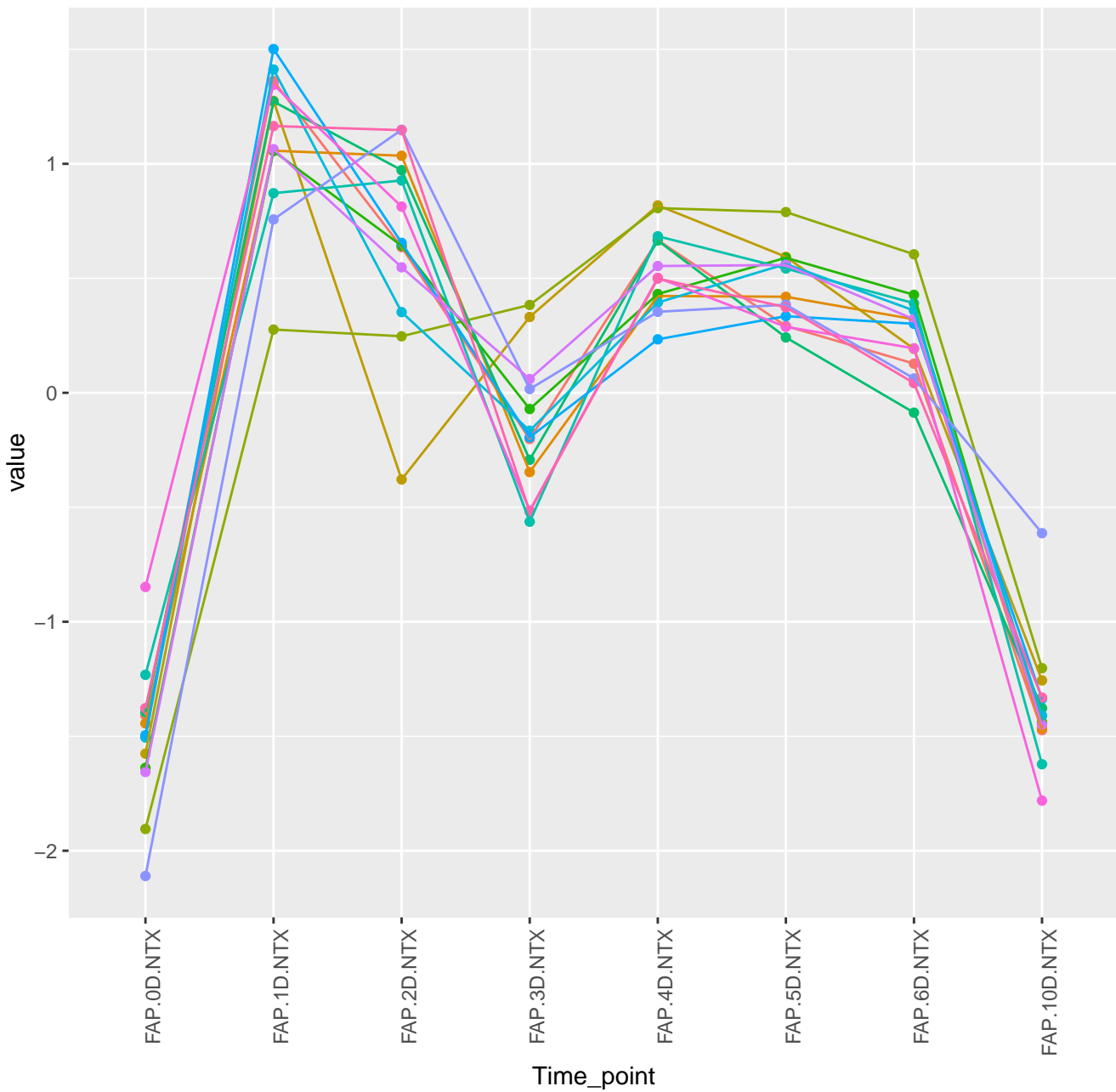
6 genes – cluster 106



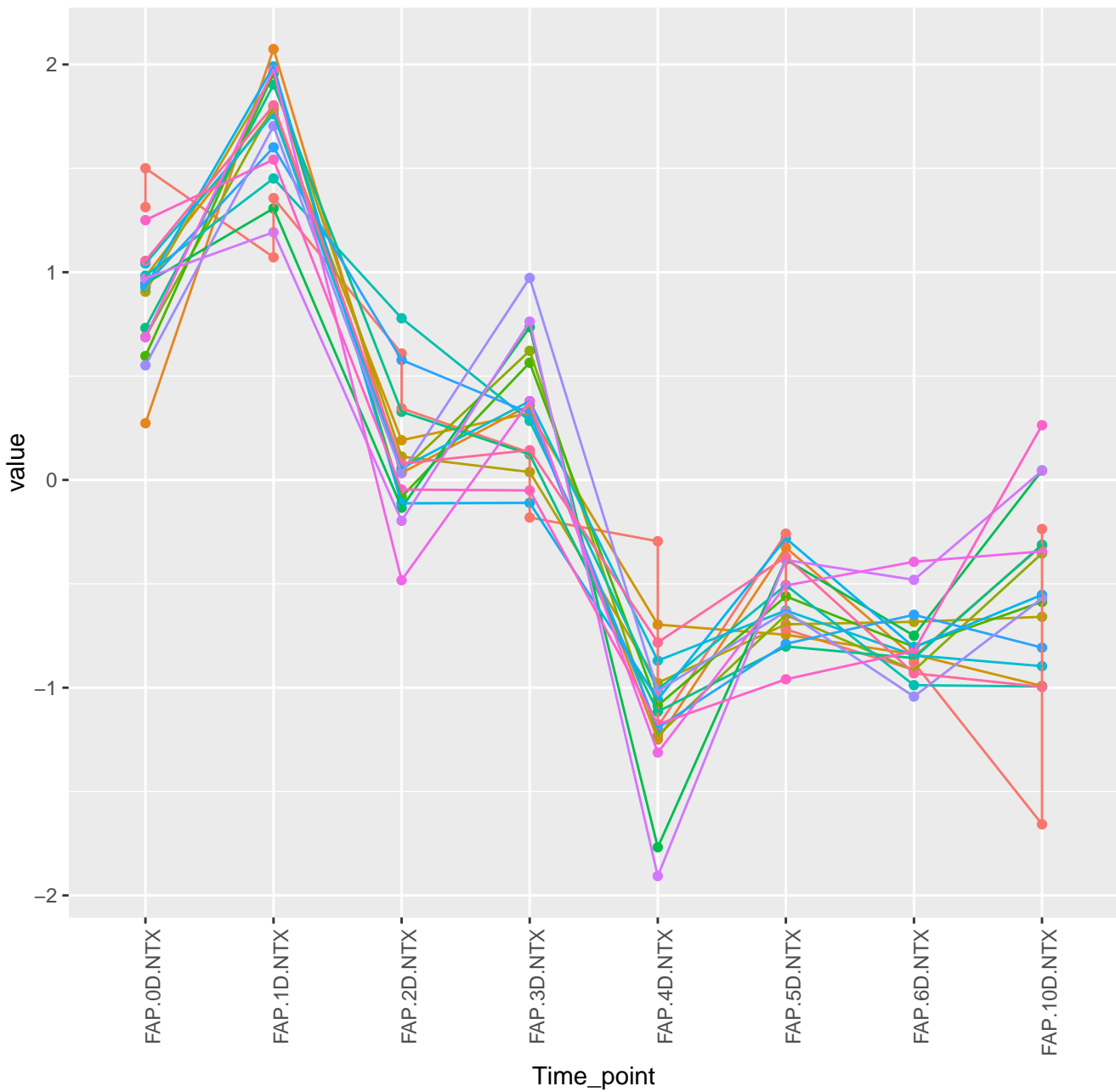
16 genes – cluster 107



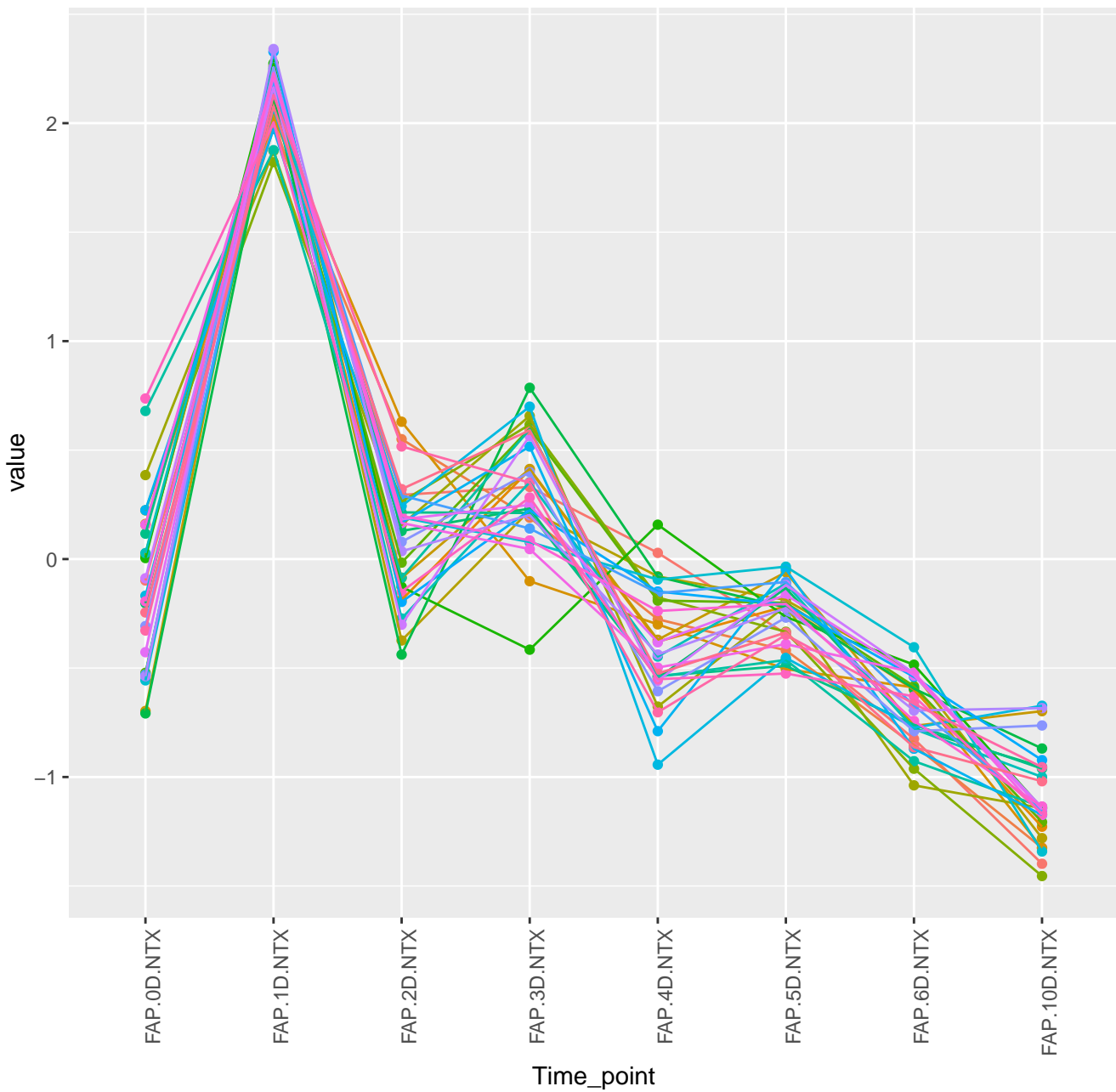
13 genes – cluster 108



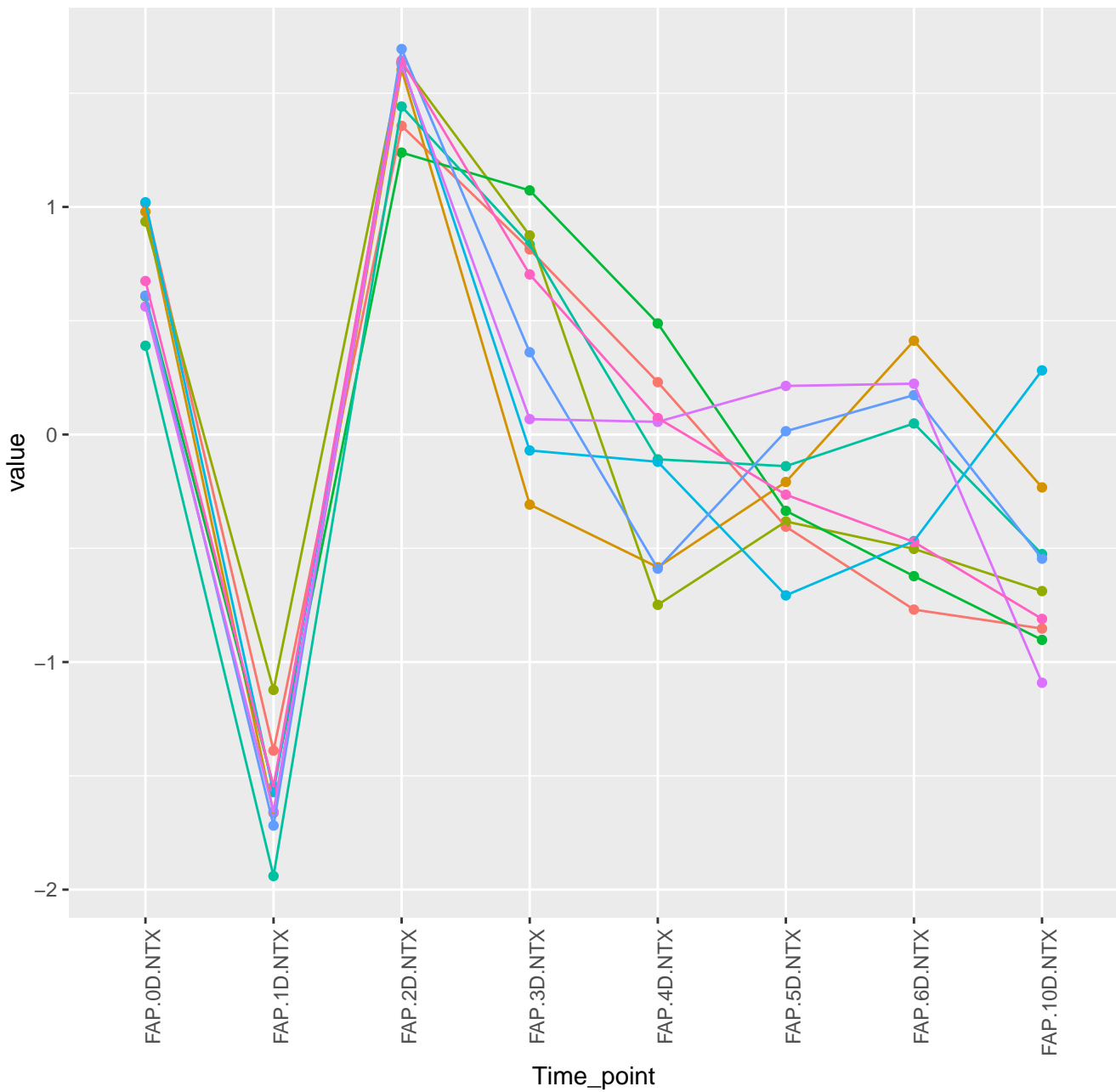
18 genes – cluster 109



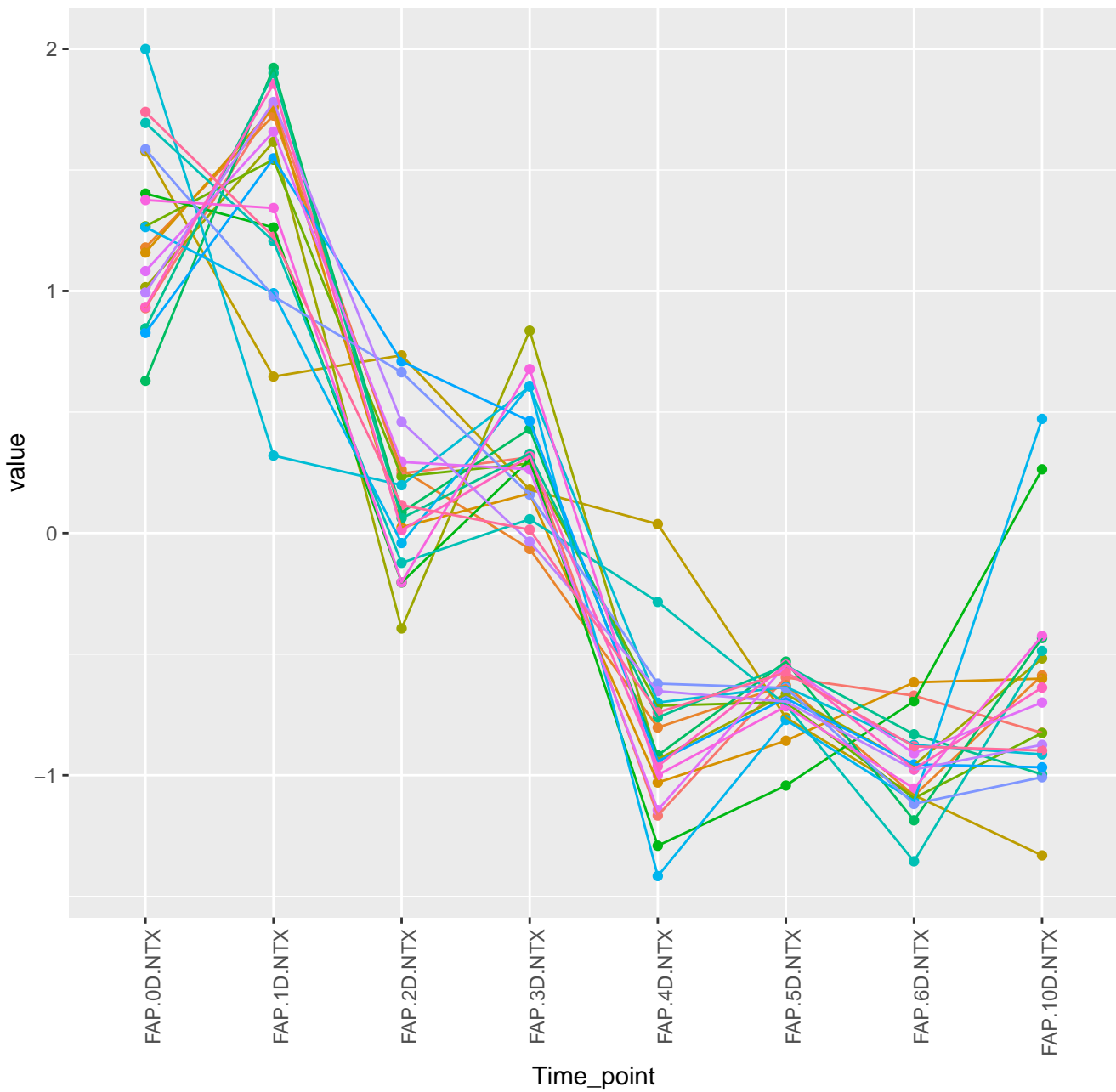
29 genes – cluster 110



9 genes – cluster 111

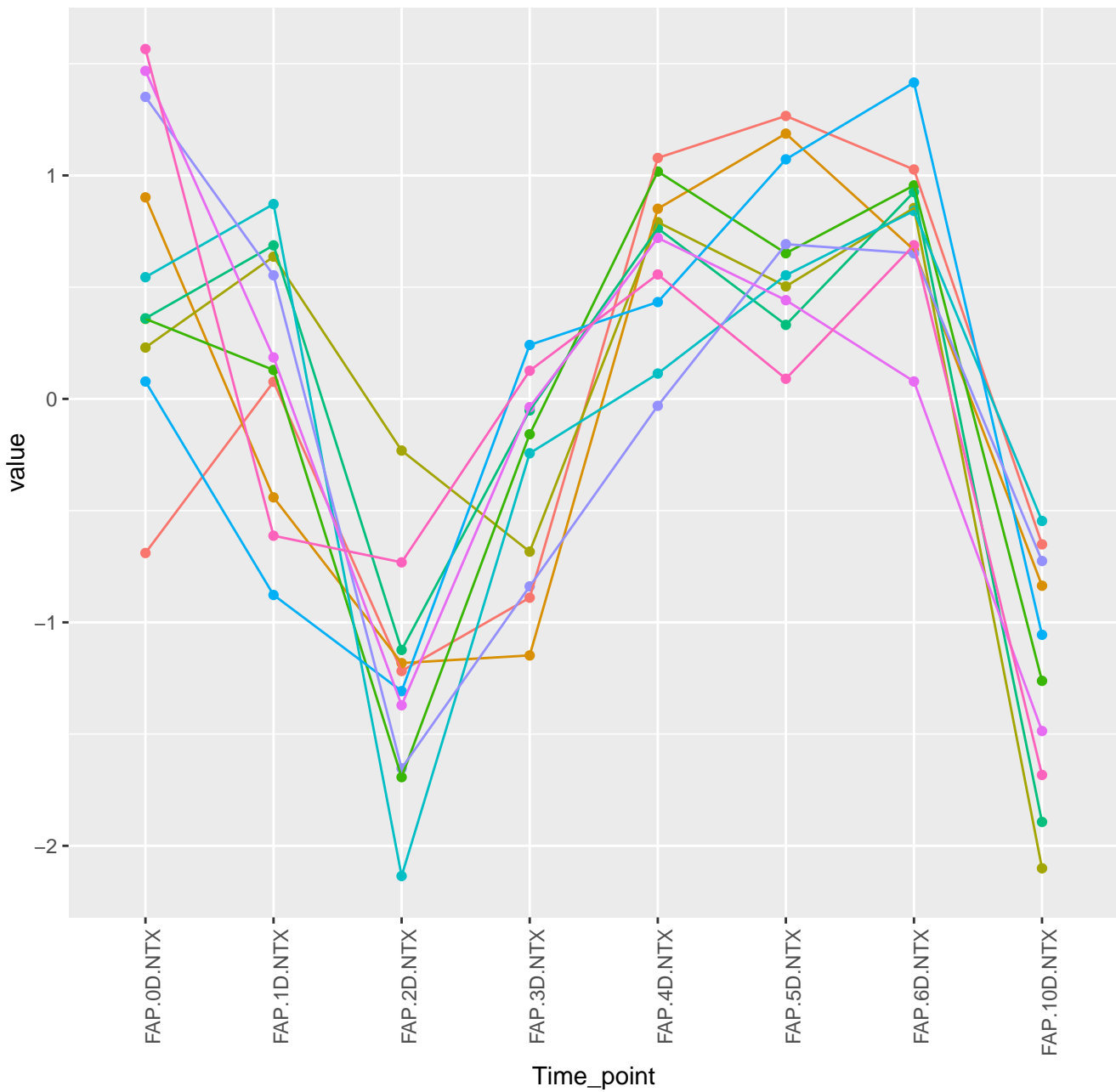


19 genes – cluster 112

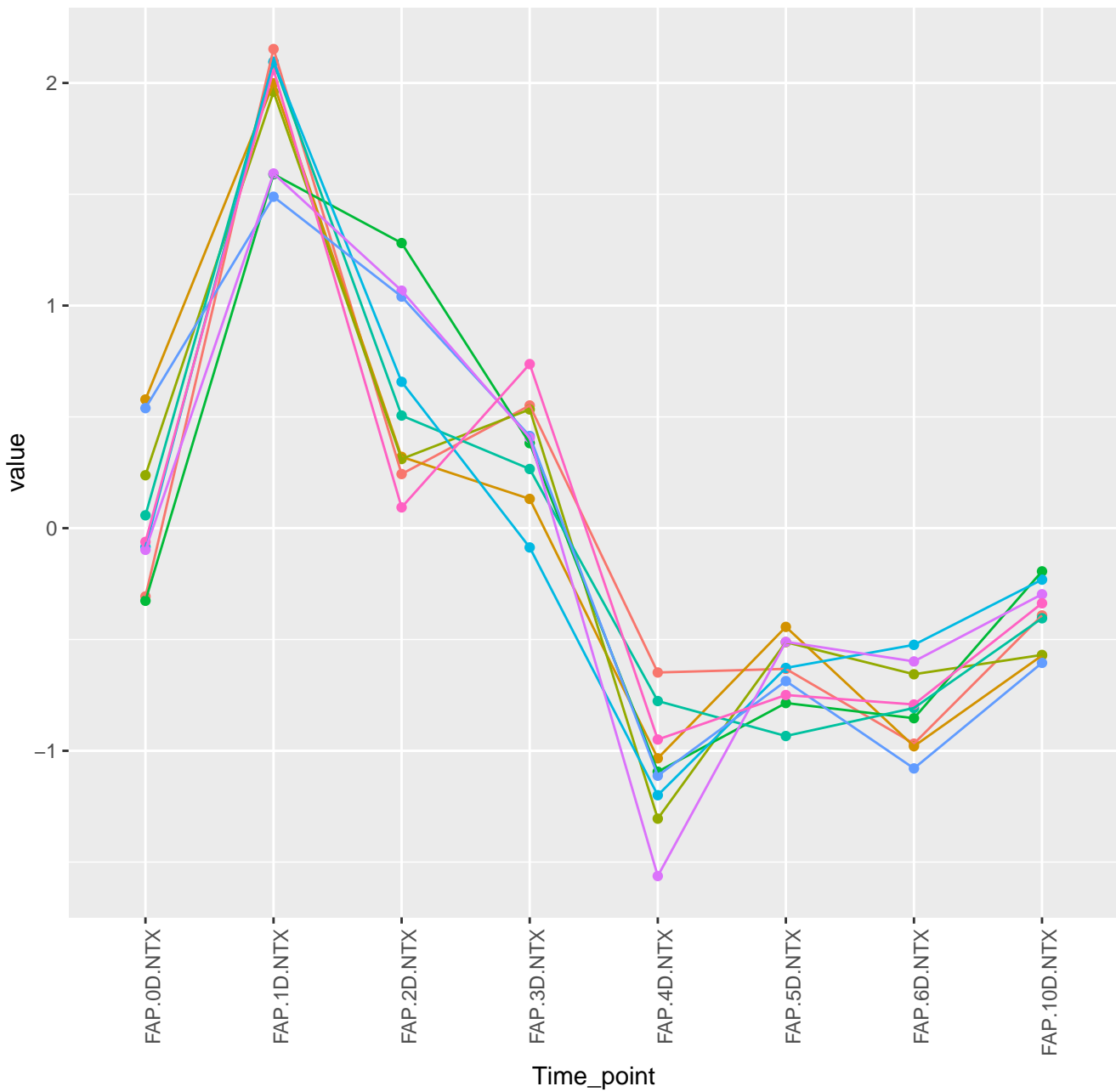




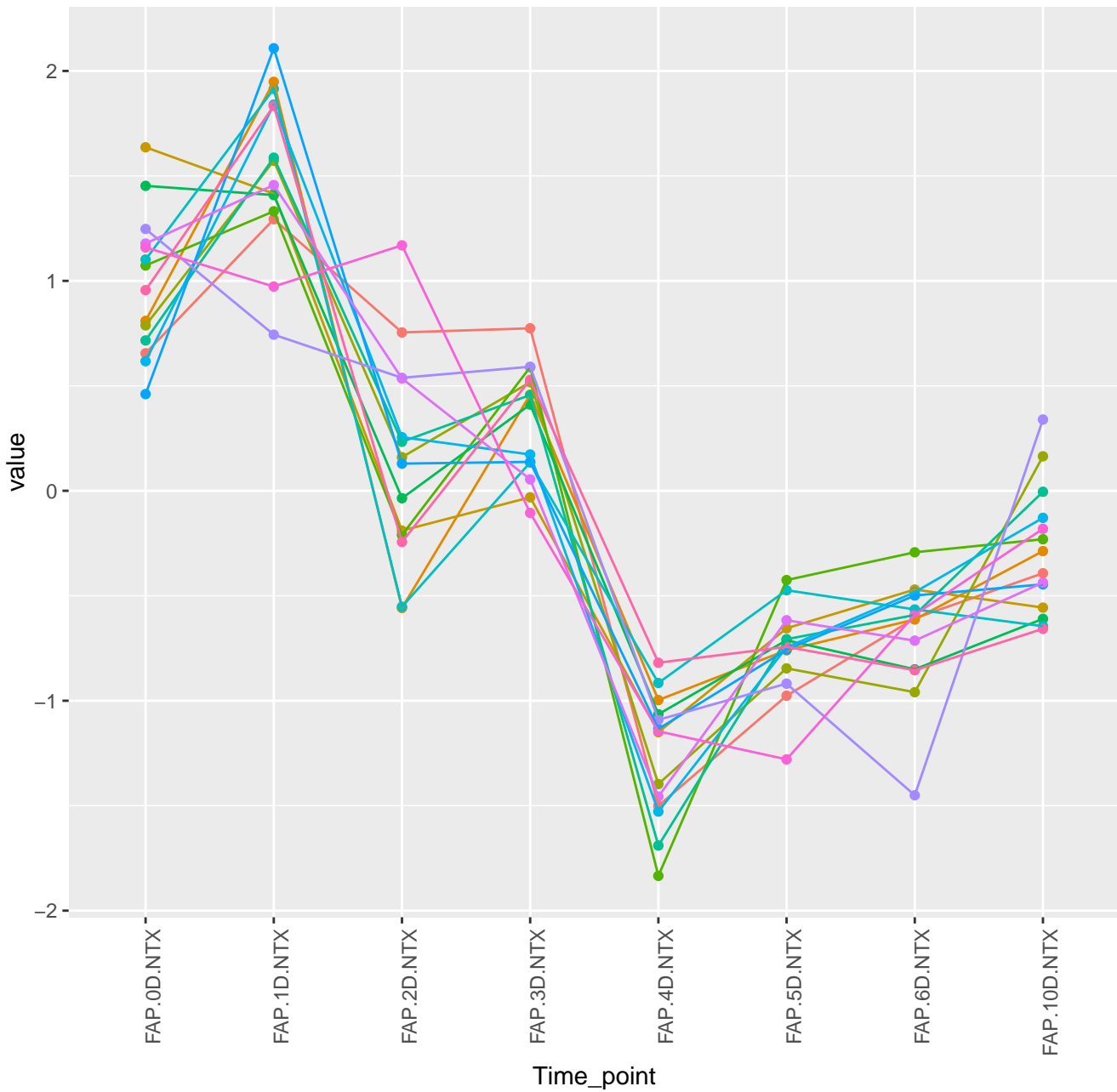
10 genes – cluster 113



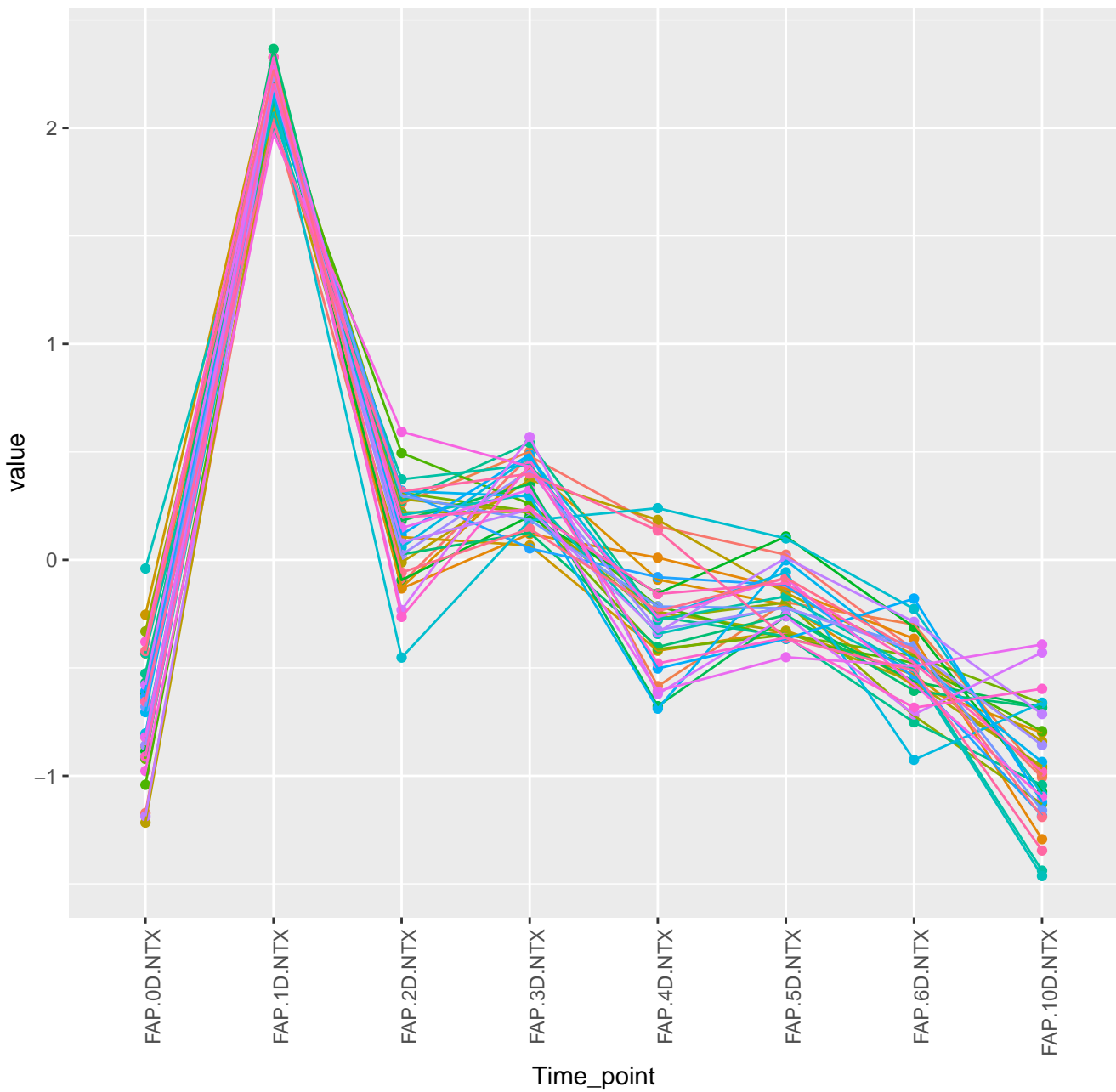
9 genes – cluster 114



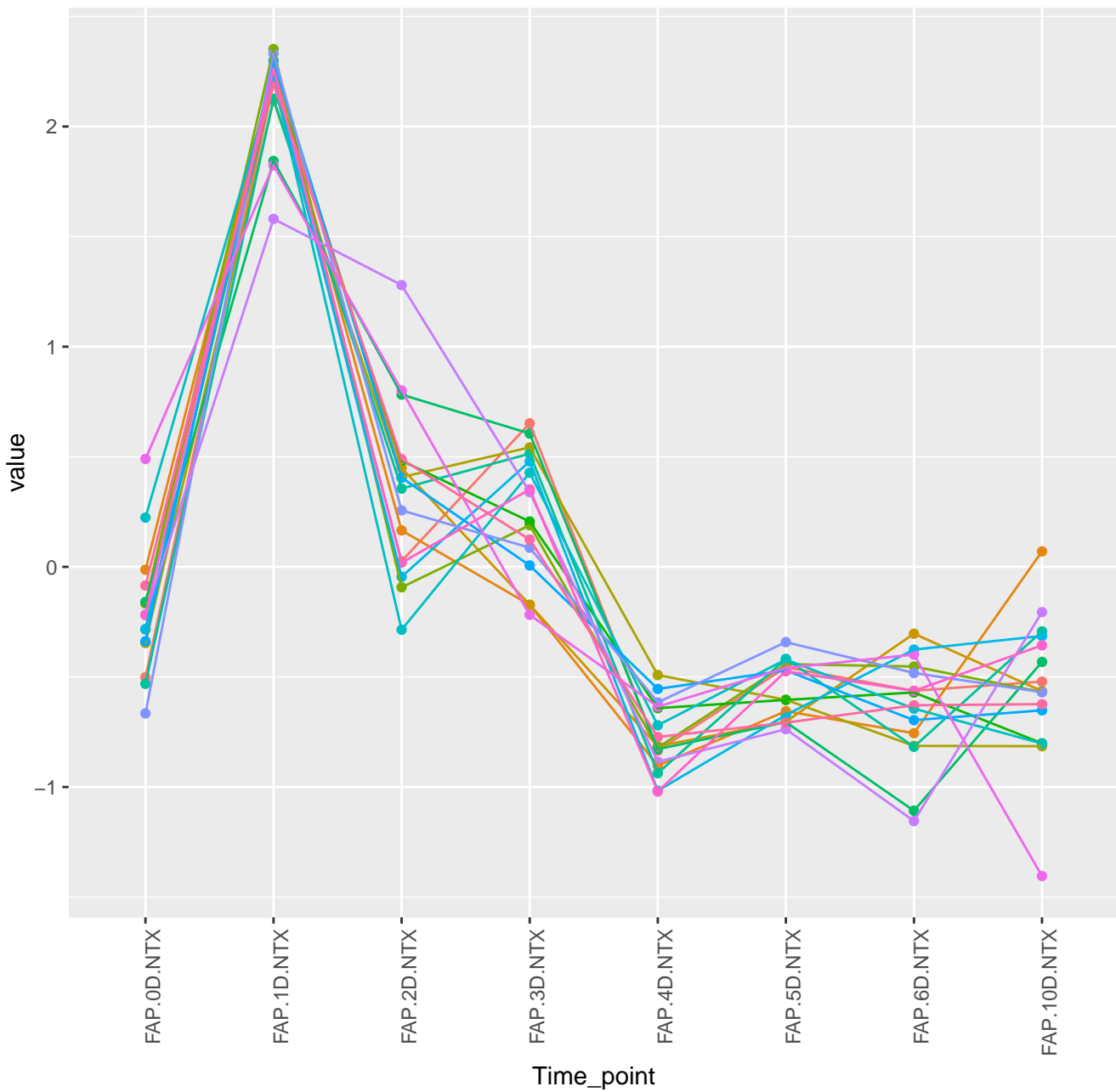
14 genes – cluster 115



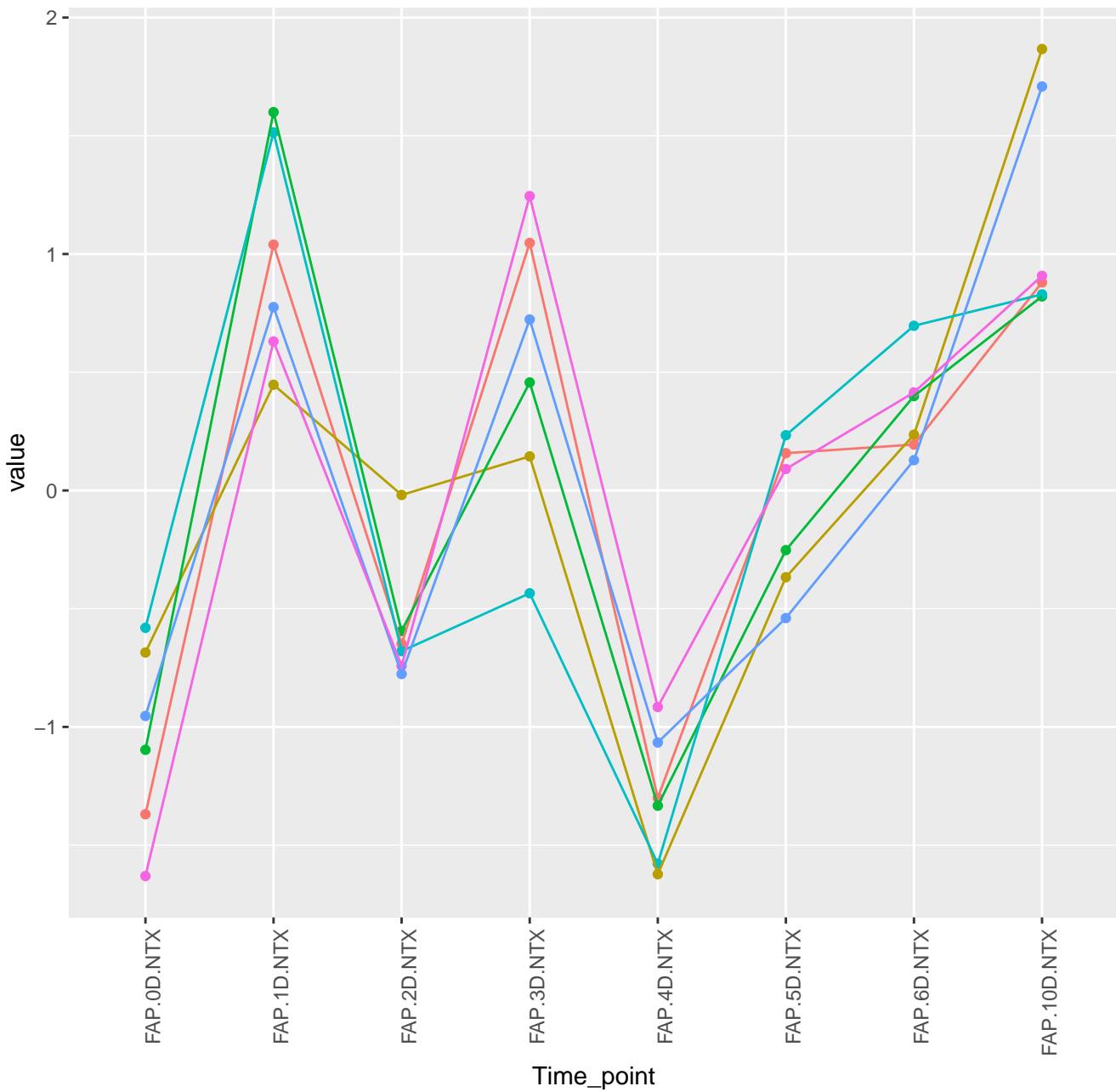
31 genes – cluster 116



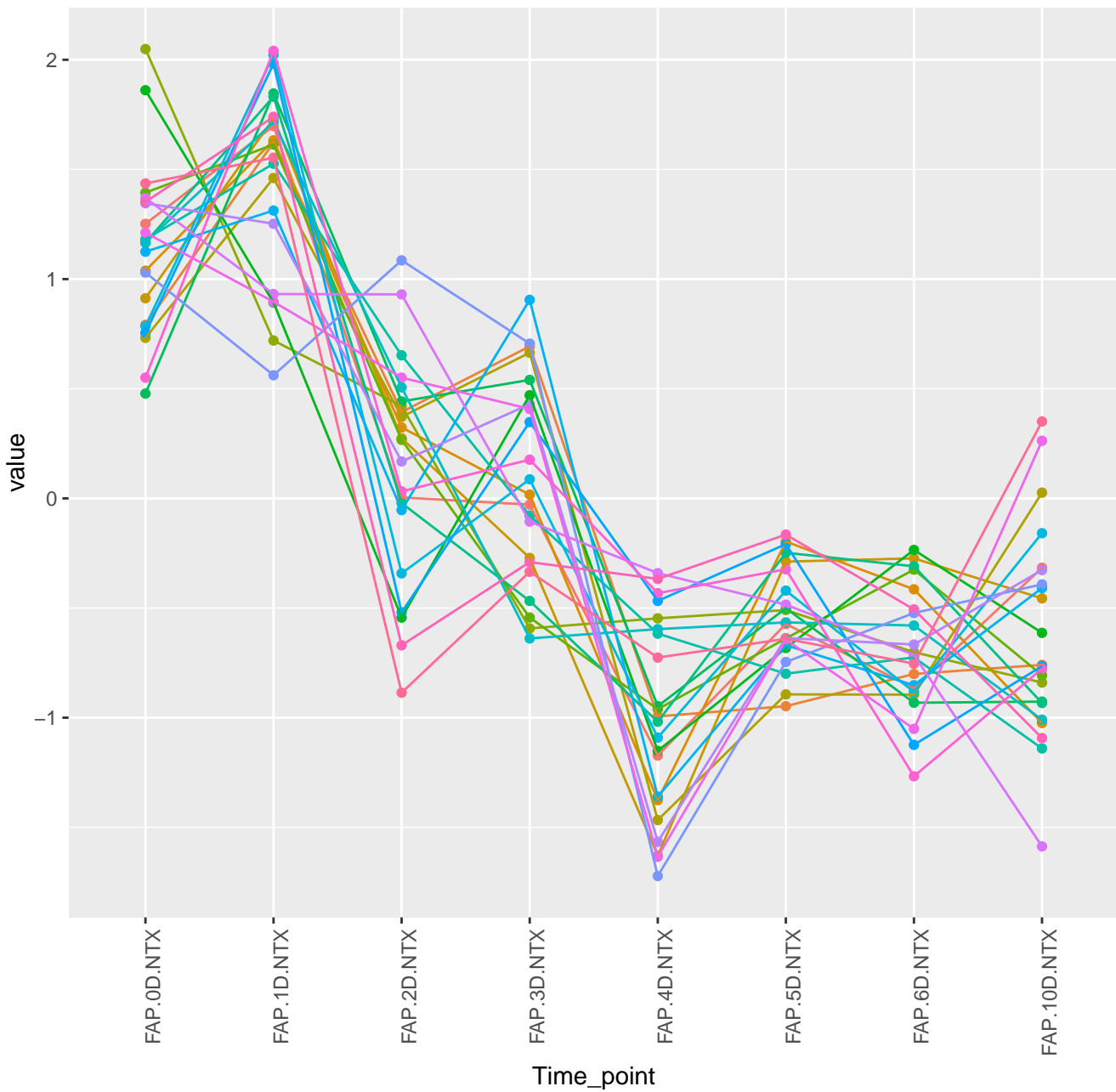
16 genes – cluster 117



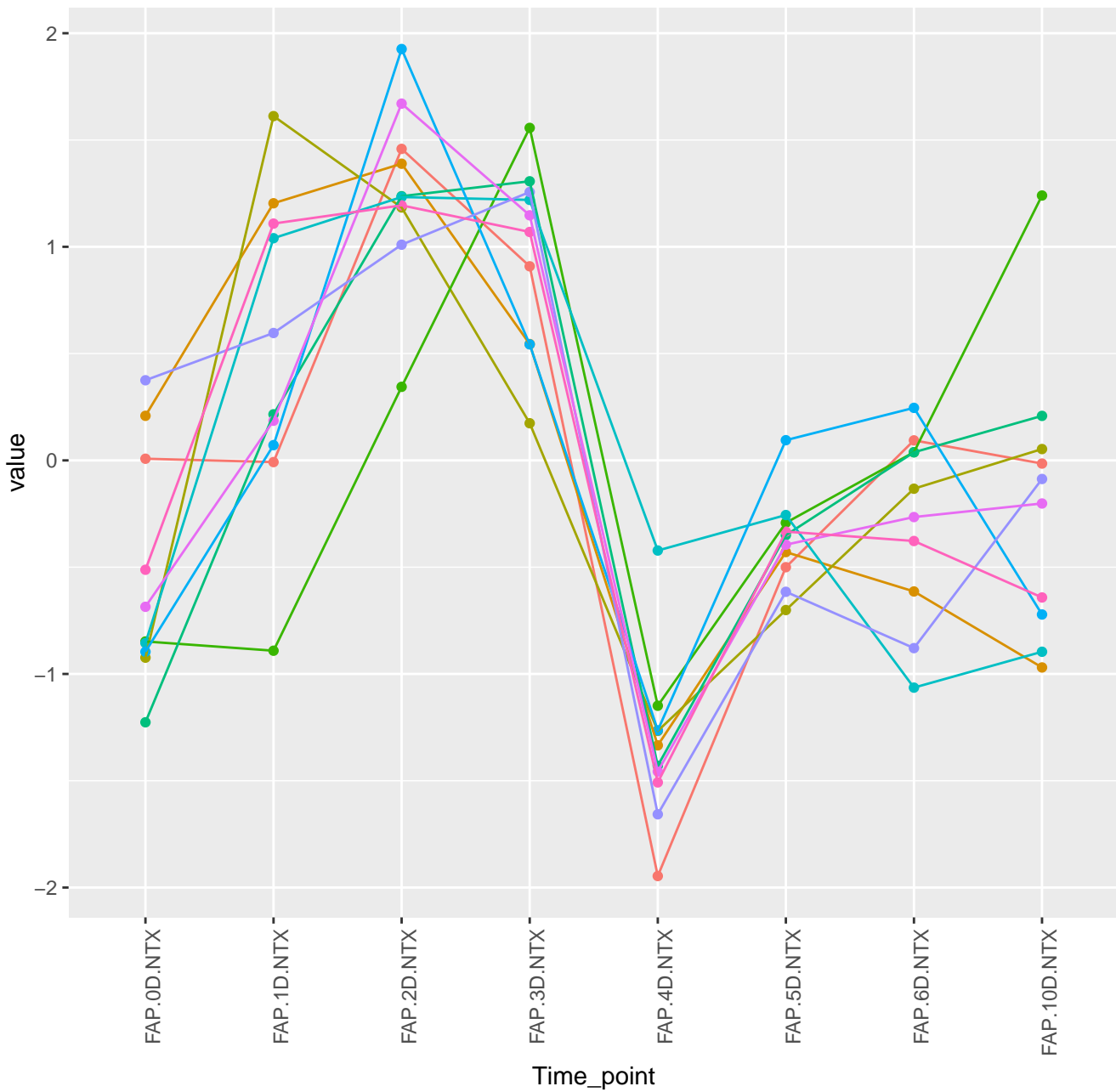
6 genes – cluster 118



22 genes – cluster 119

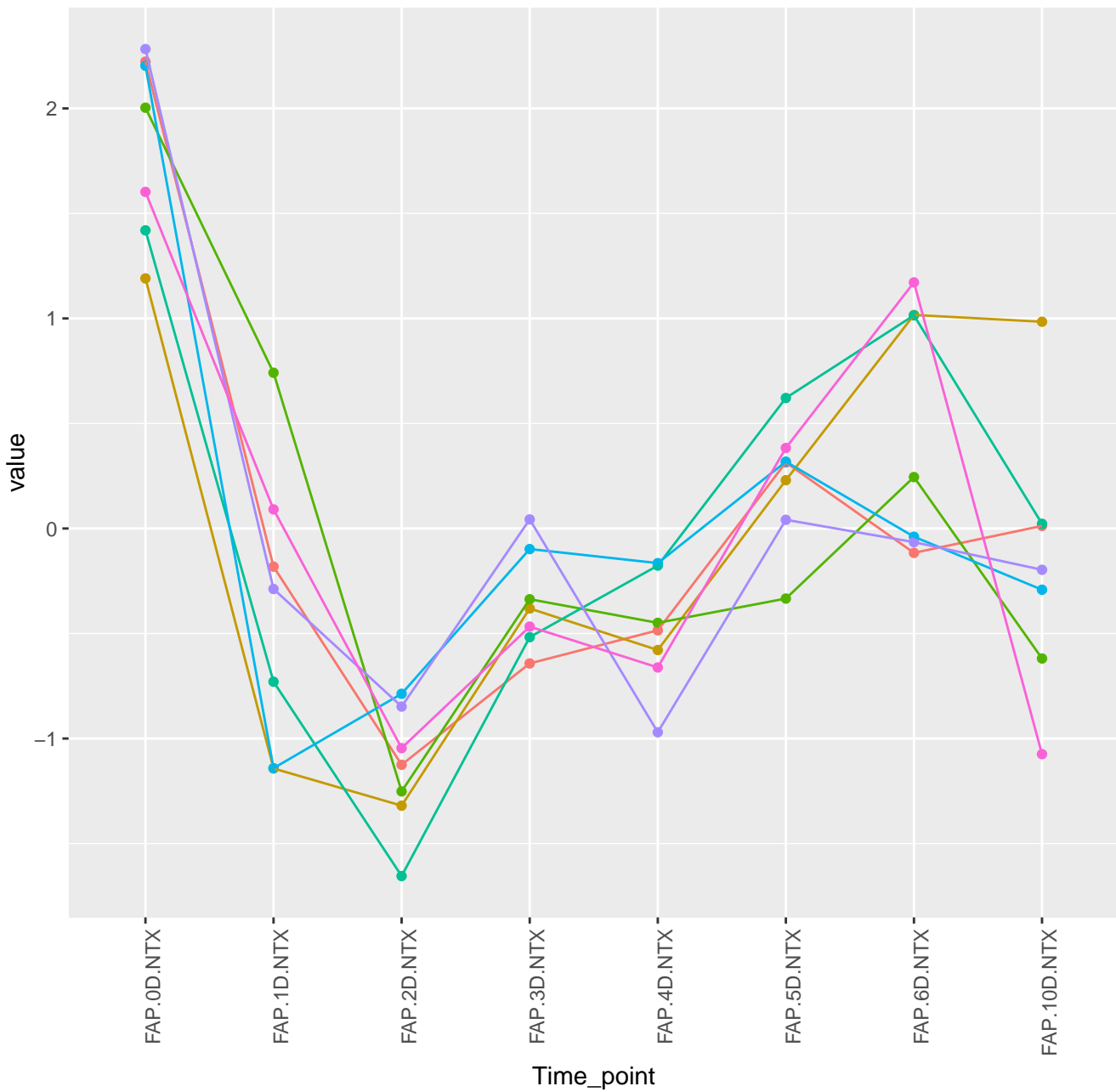


10 genes – cluster 120

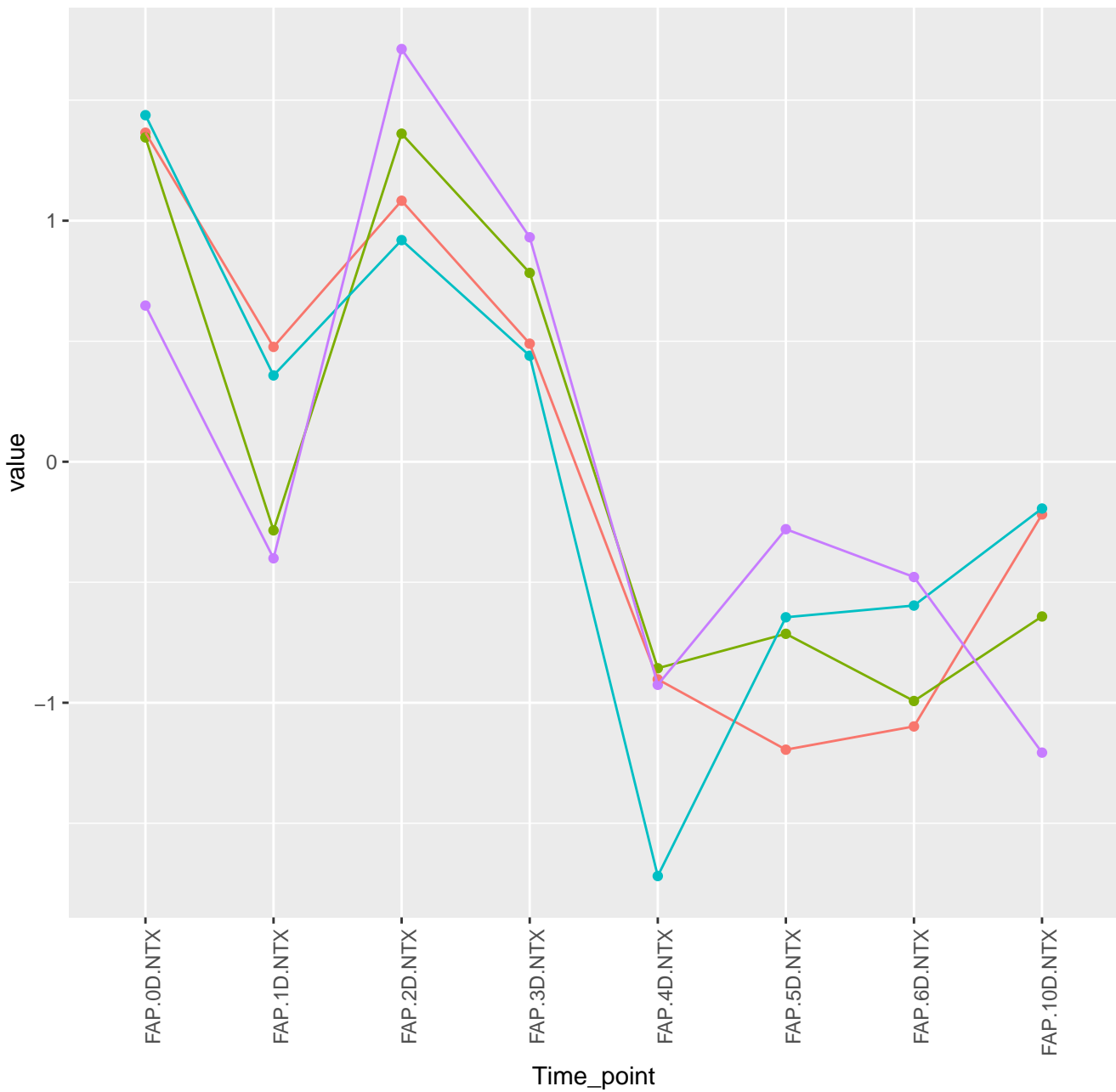




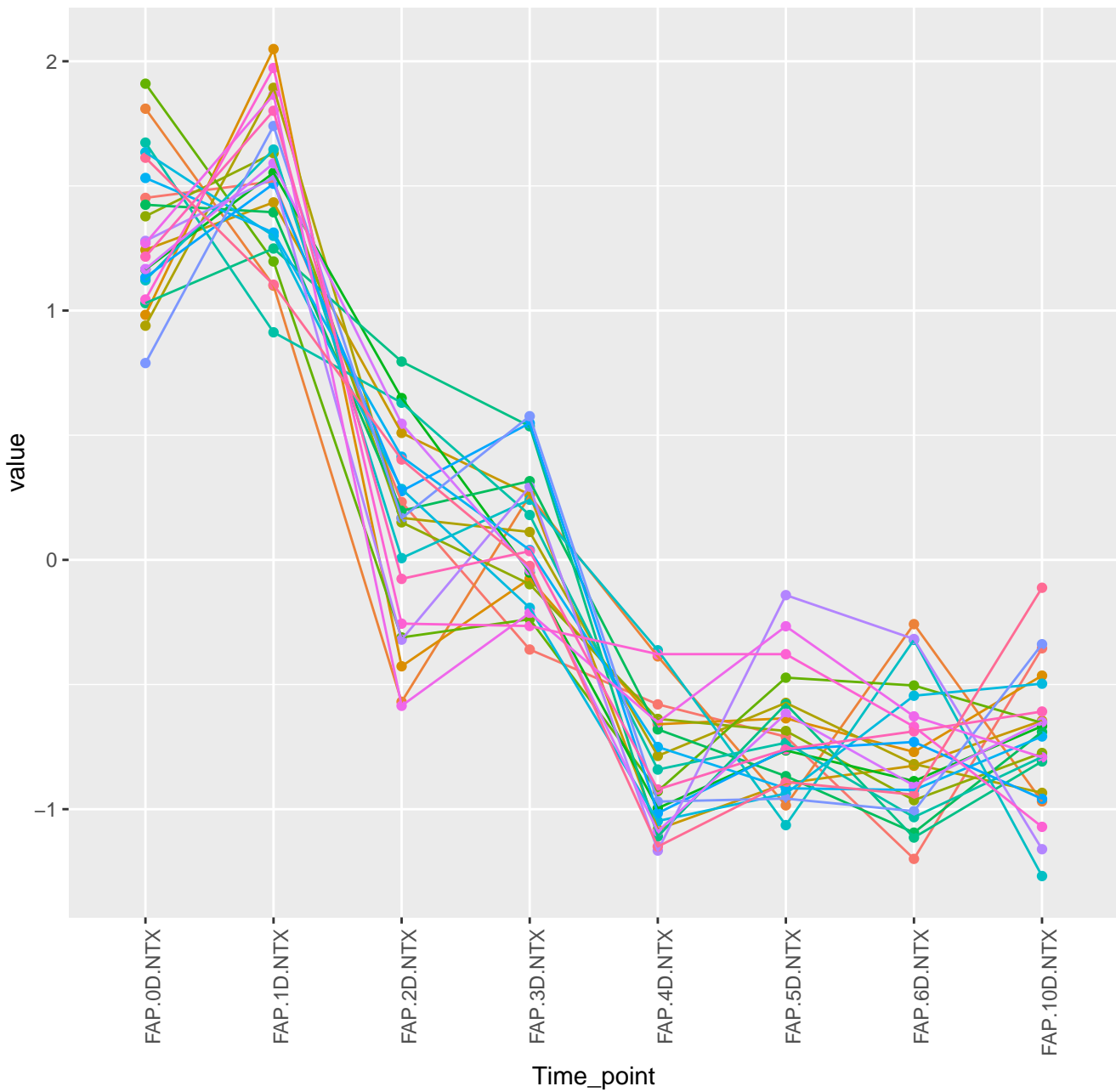
7 genes – cluster 121



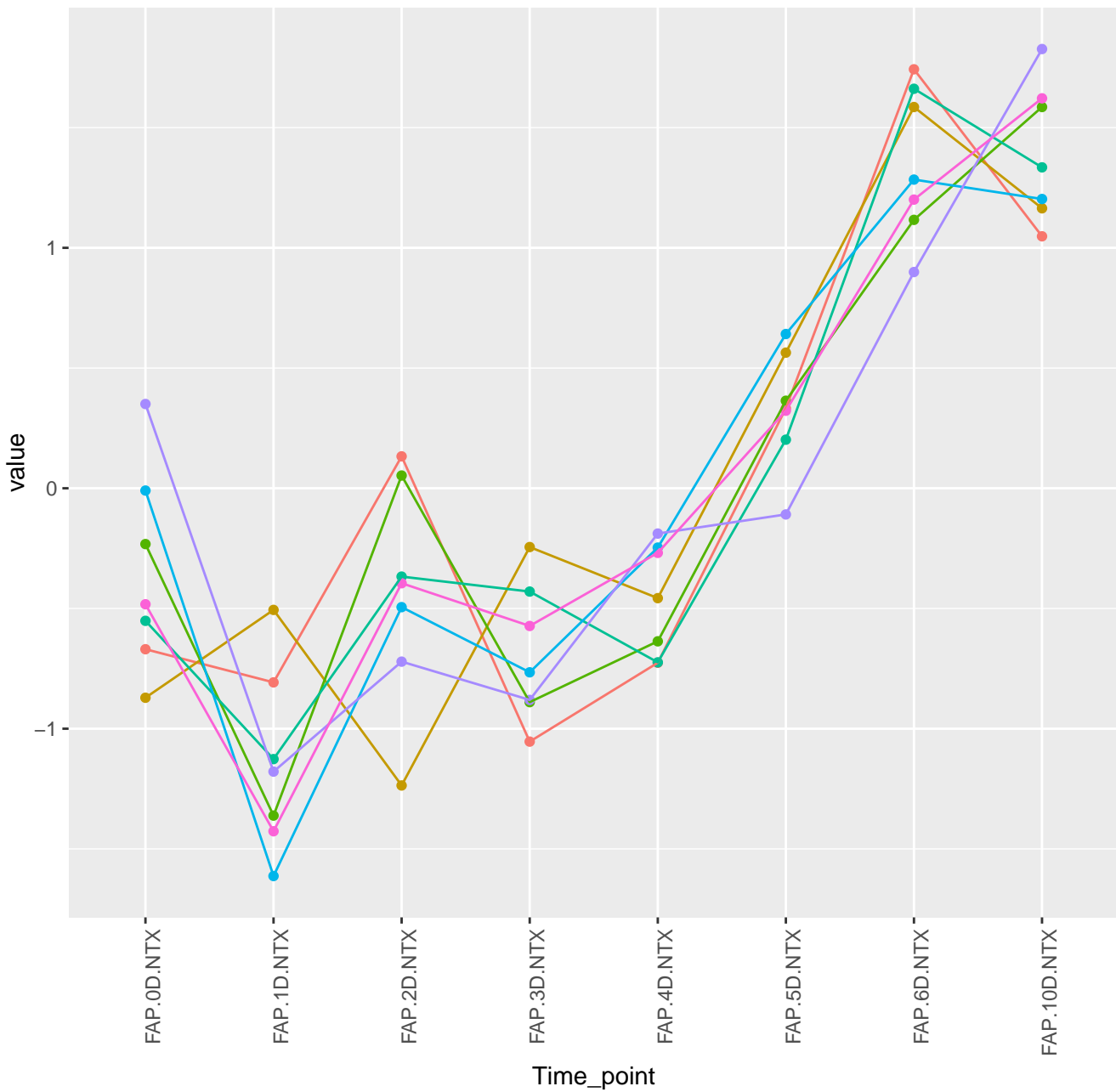
4 genes – cluster 122



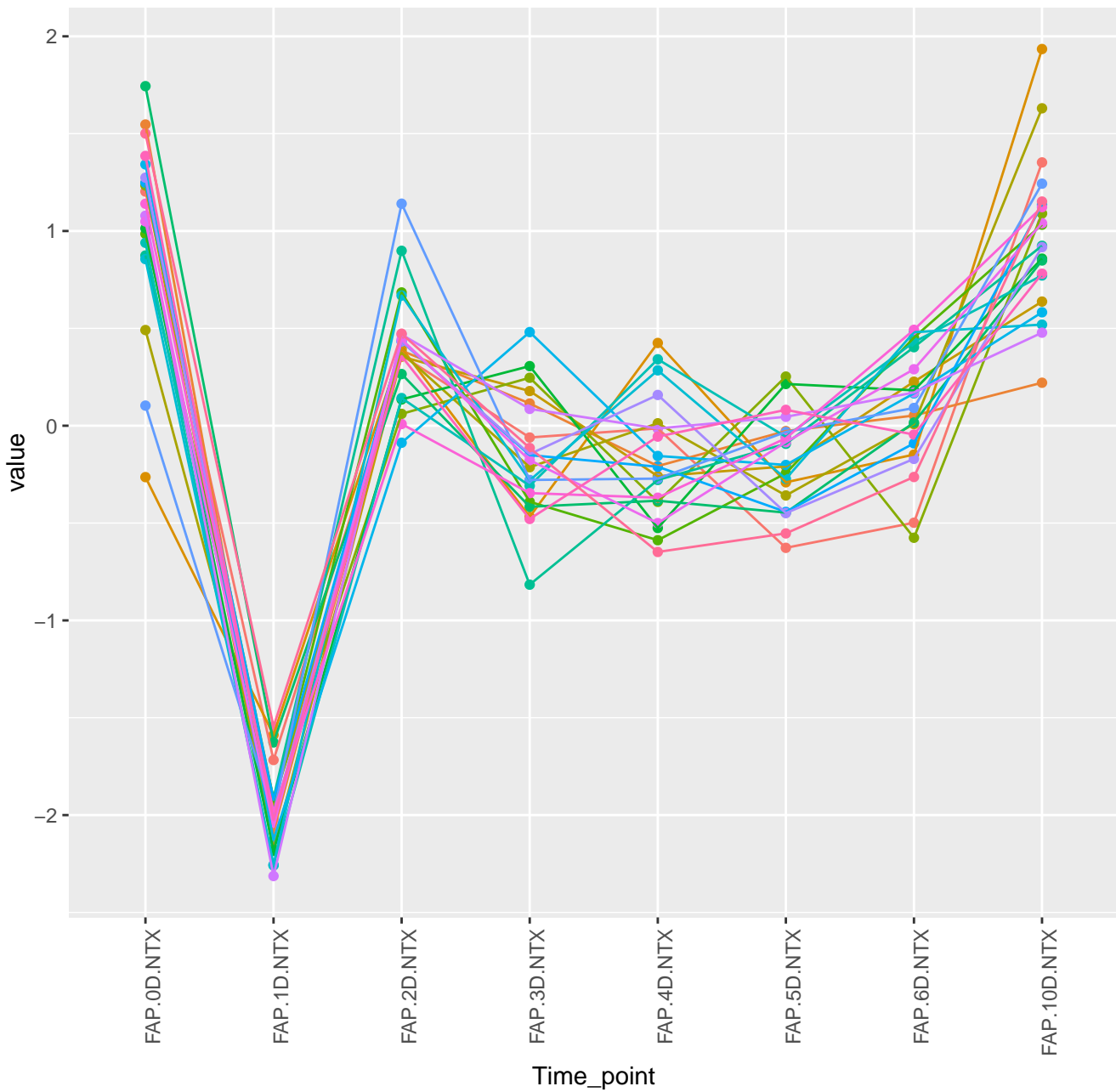
22 genes – cluster 123



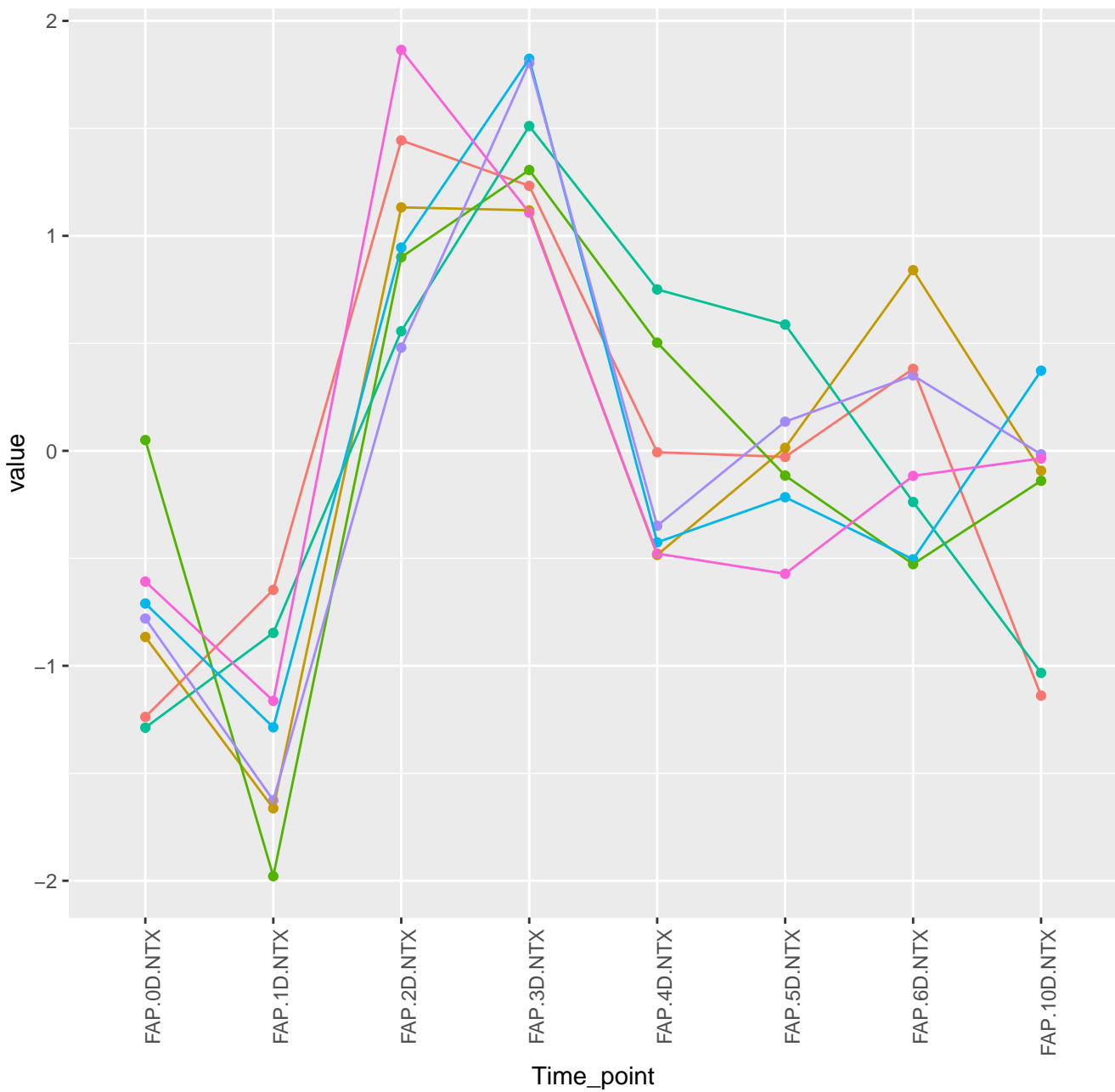
7 genes – cluster 124



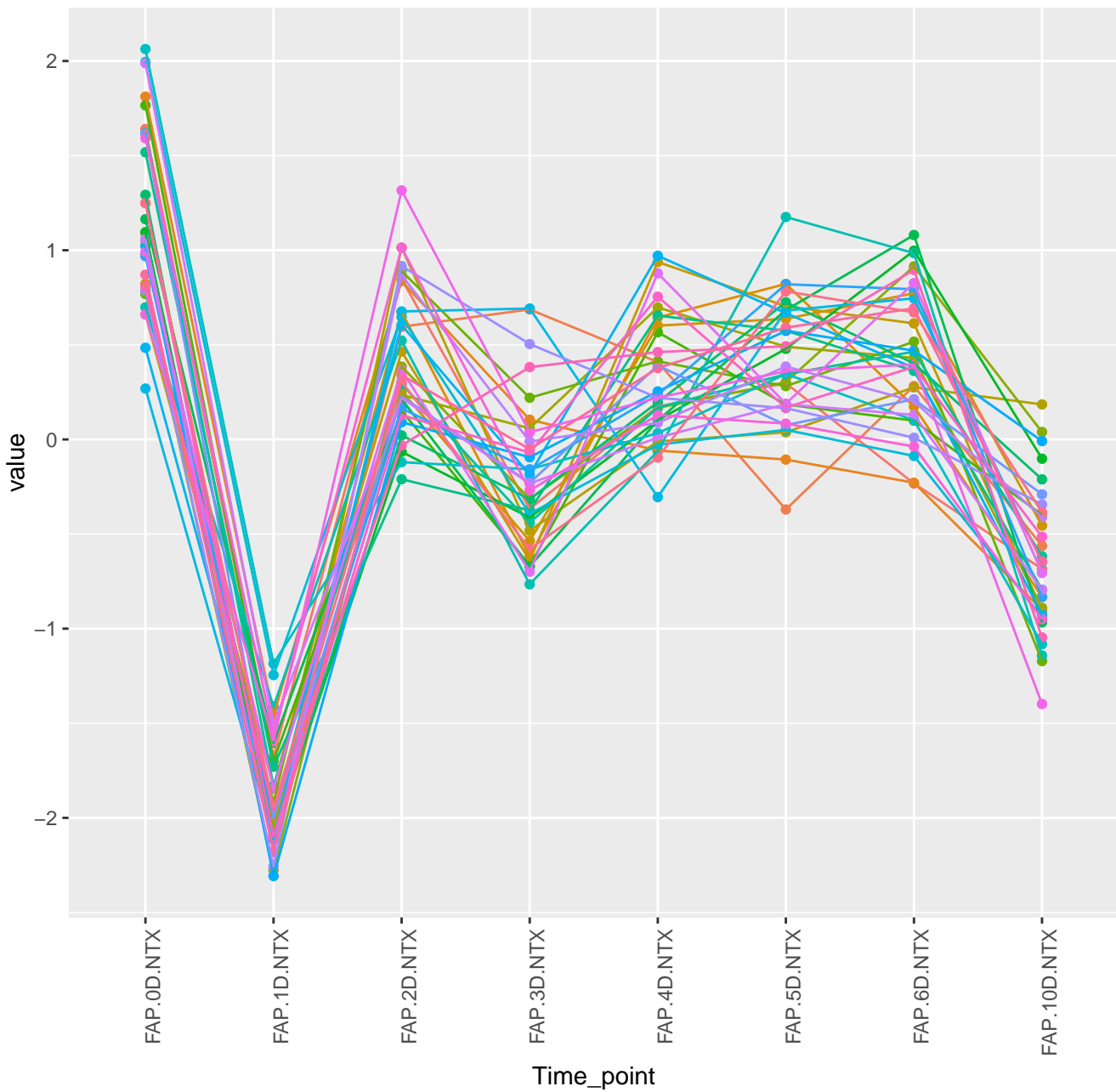
21 genes – cluster 125



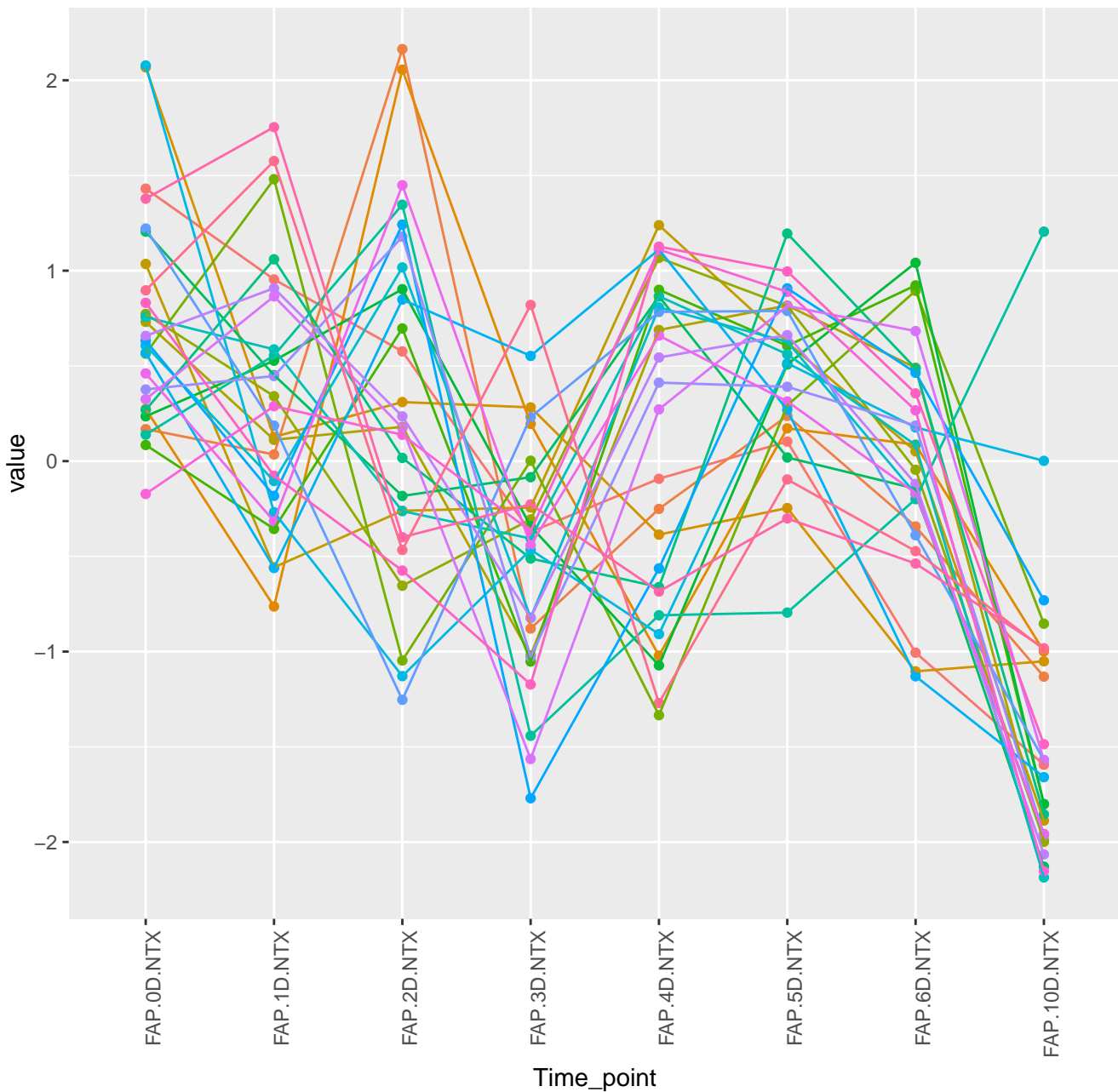
7 genes – cluster 126



34 genes – cluster 127

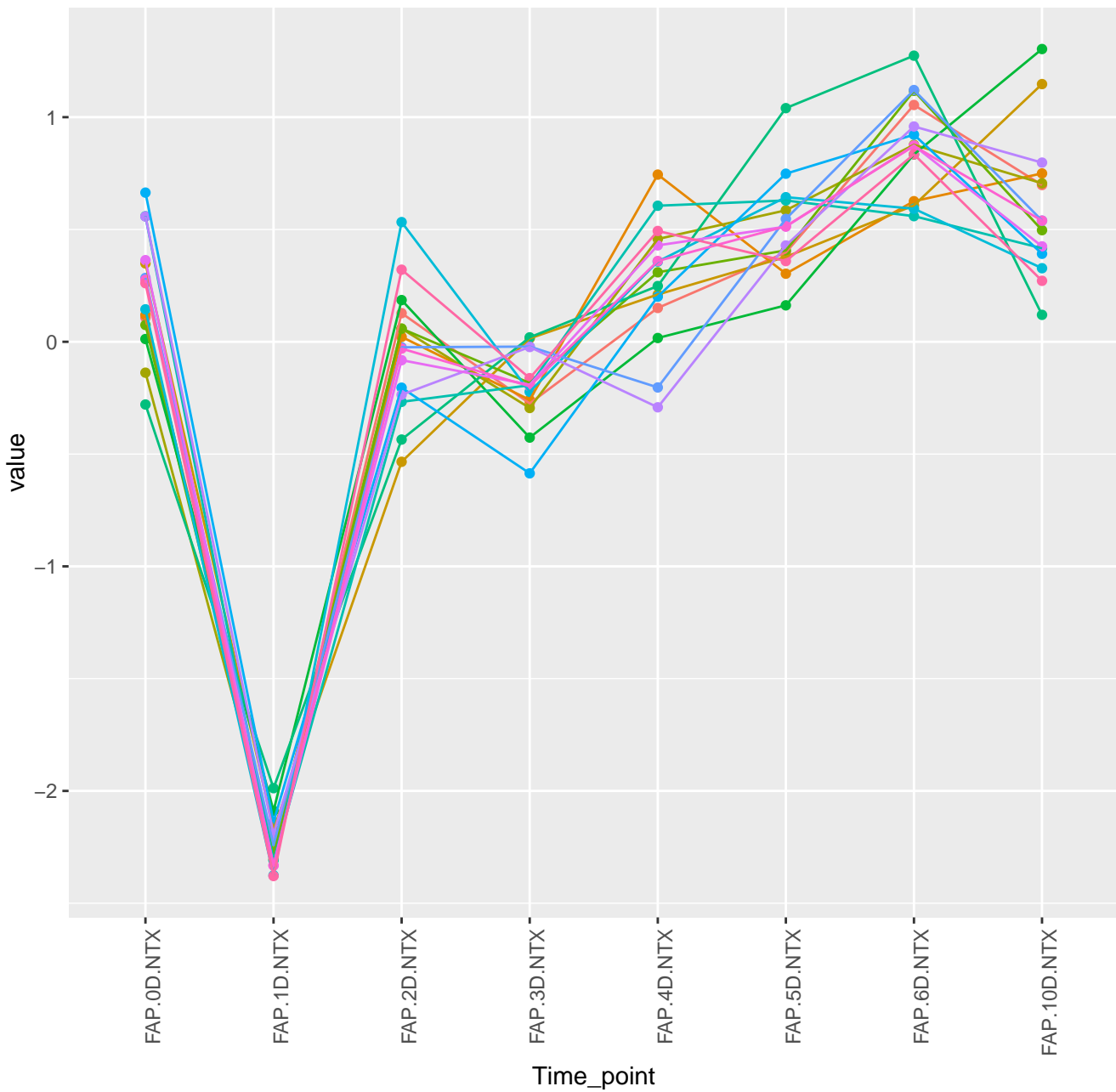


27 genes – cluster 128

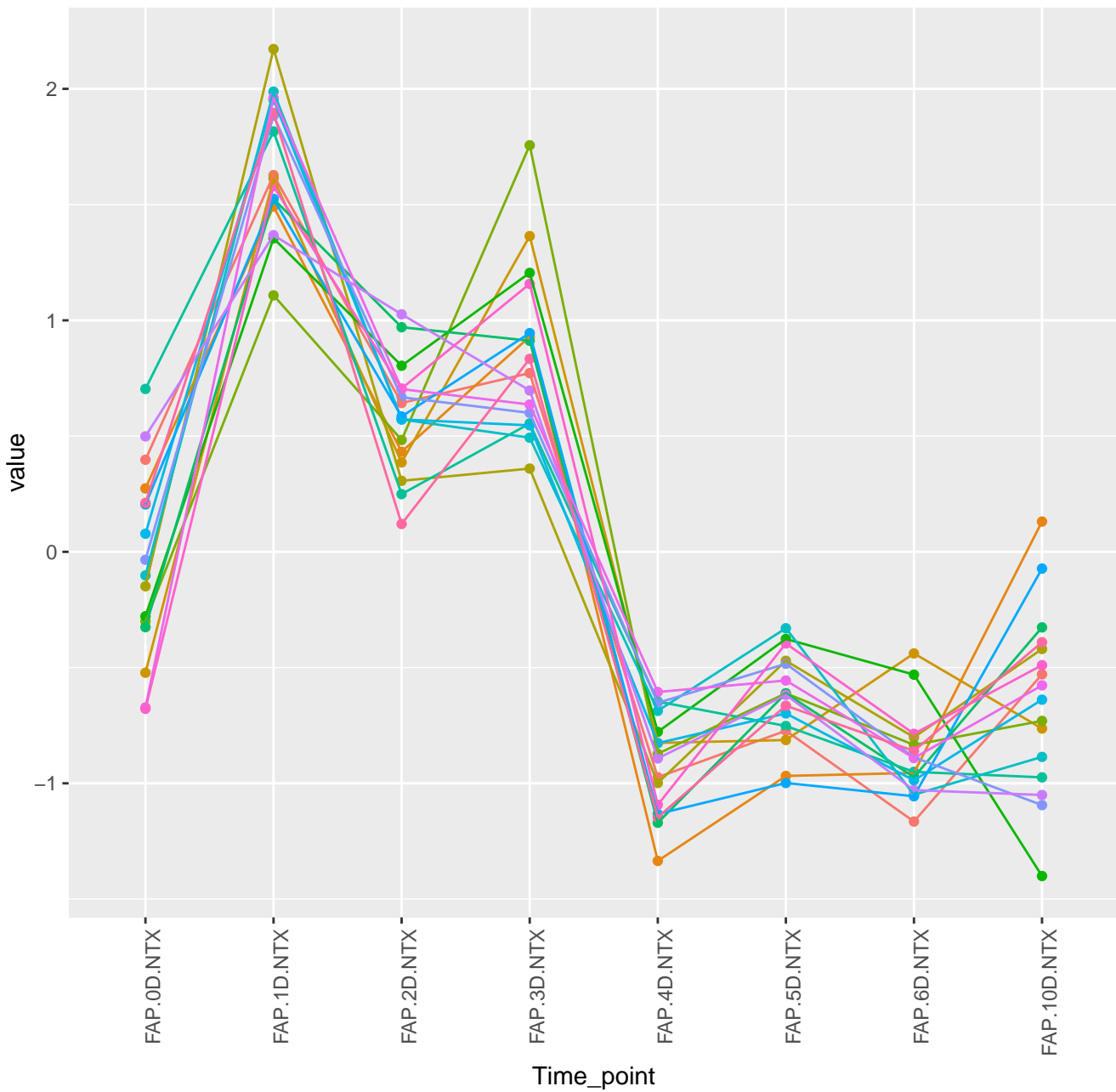




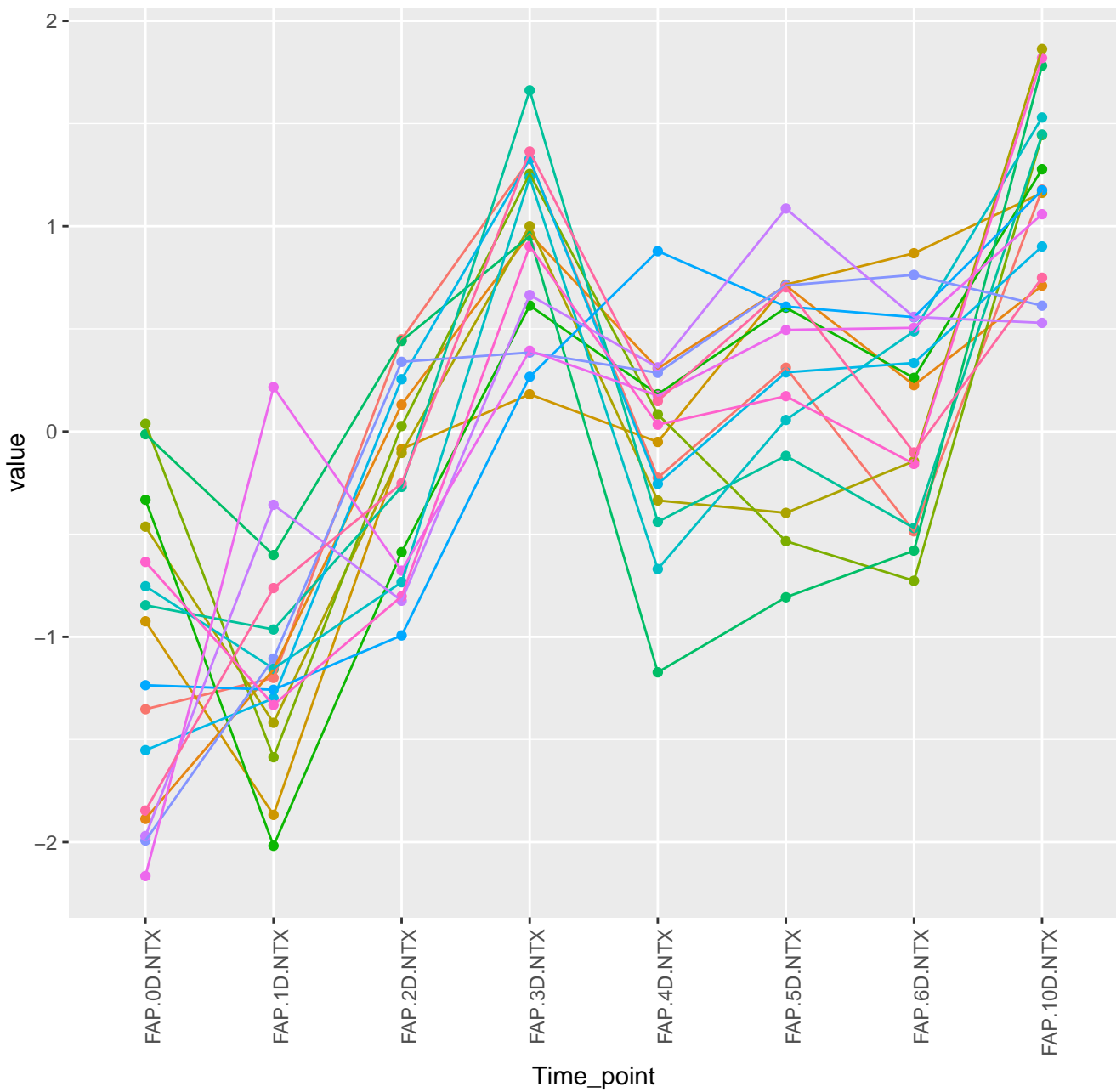
15 genes – cluster 129



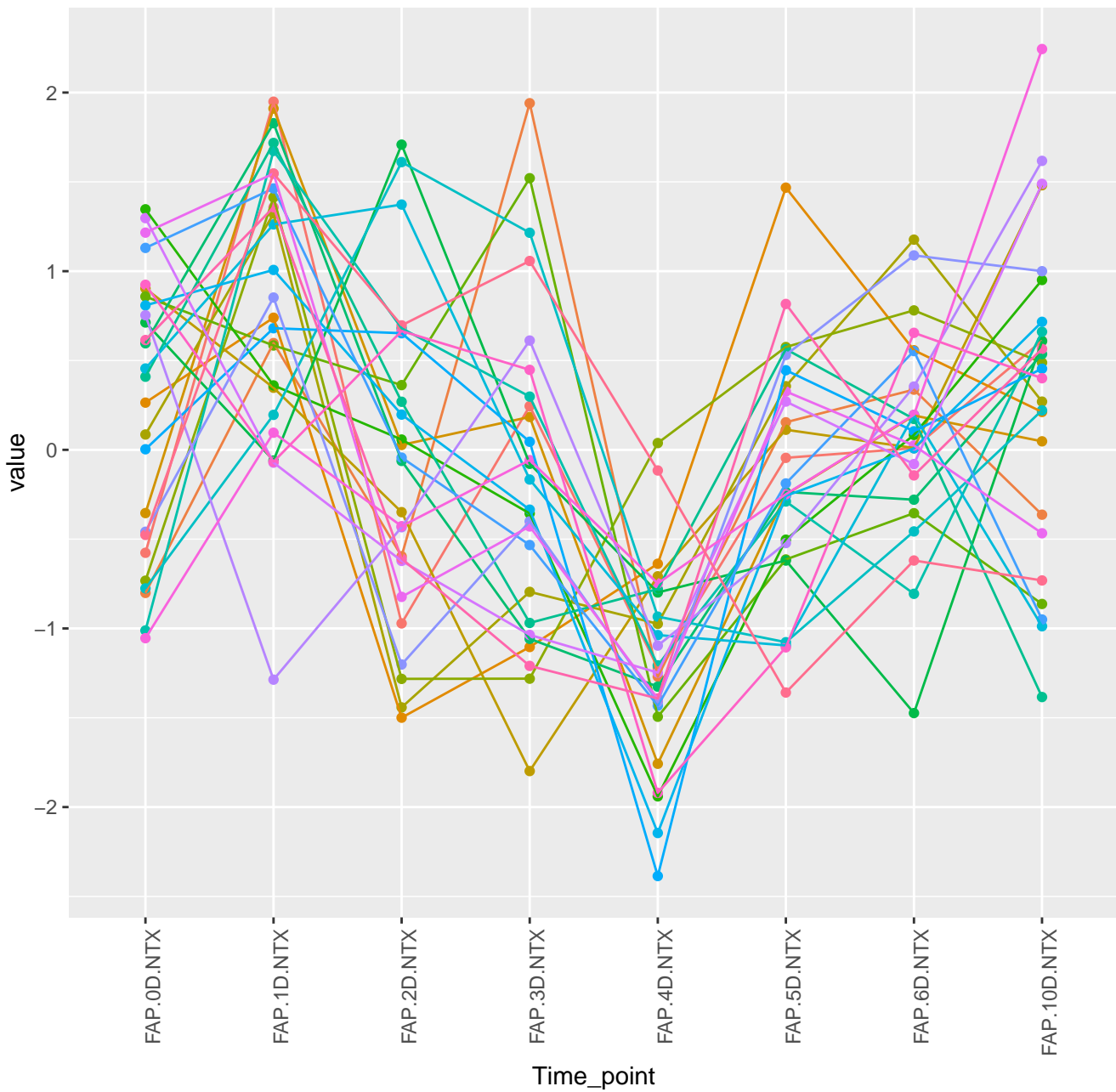
16 genes – cluster 130



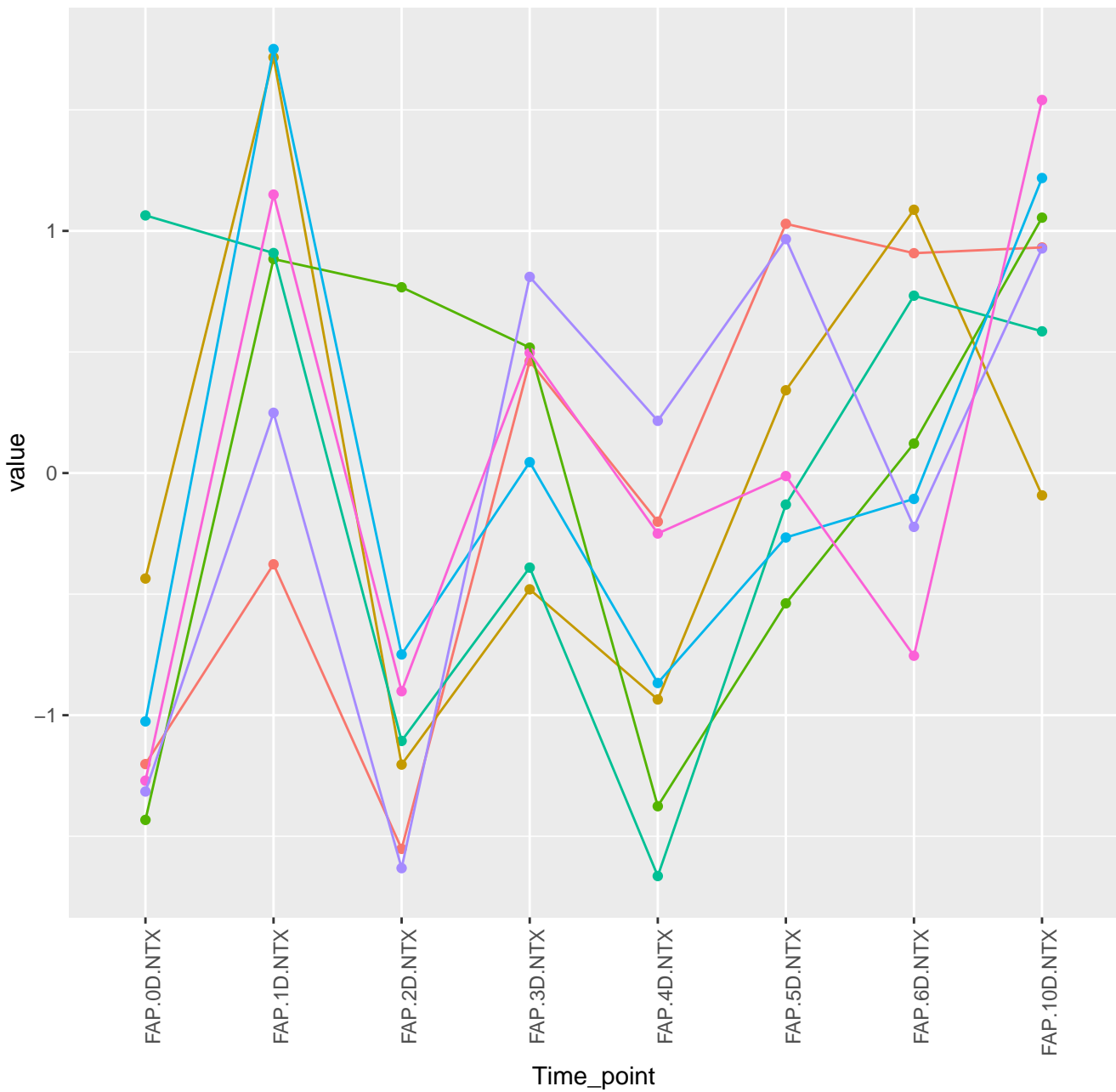
16 genes – cluster 131



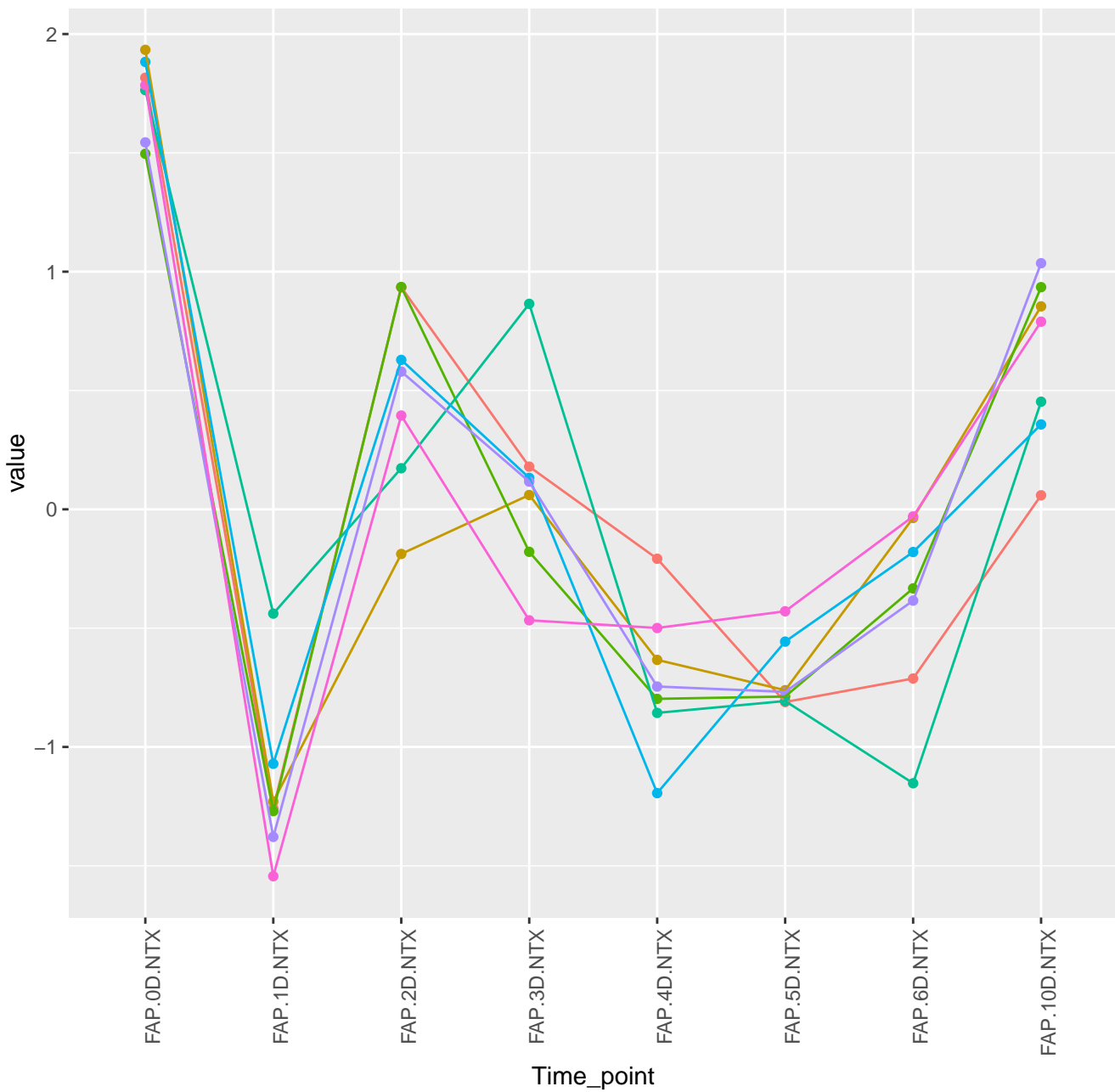
26 genes – cluster 132



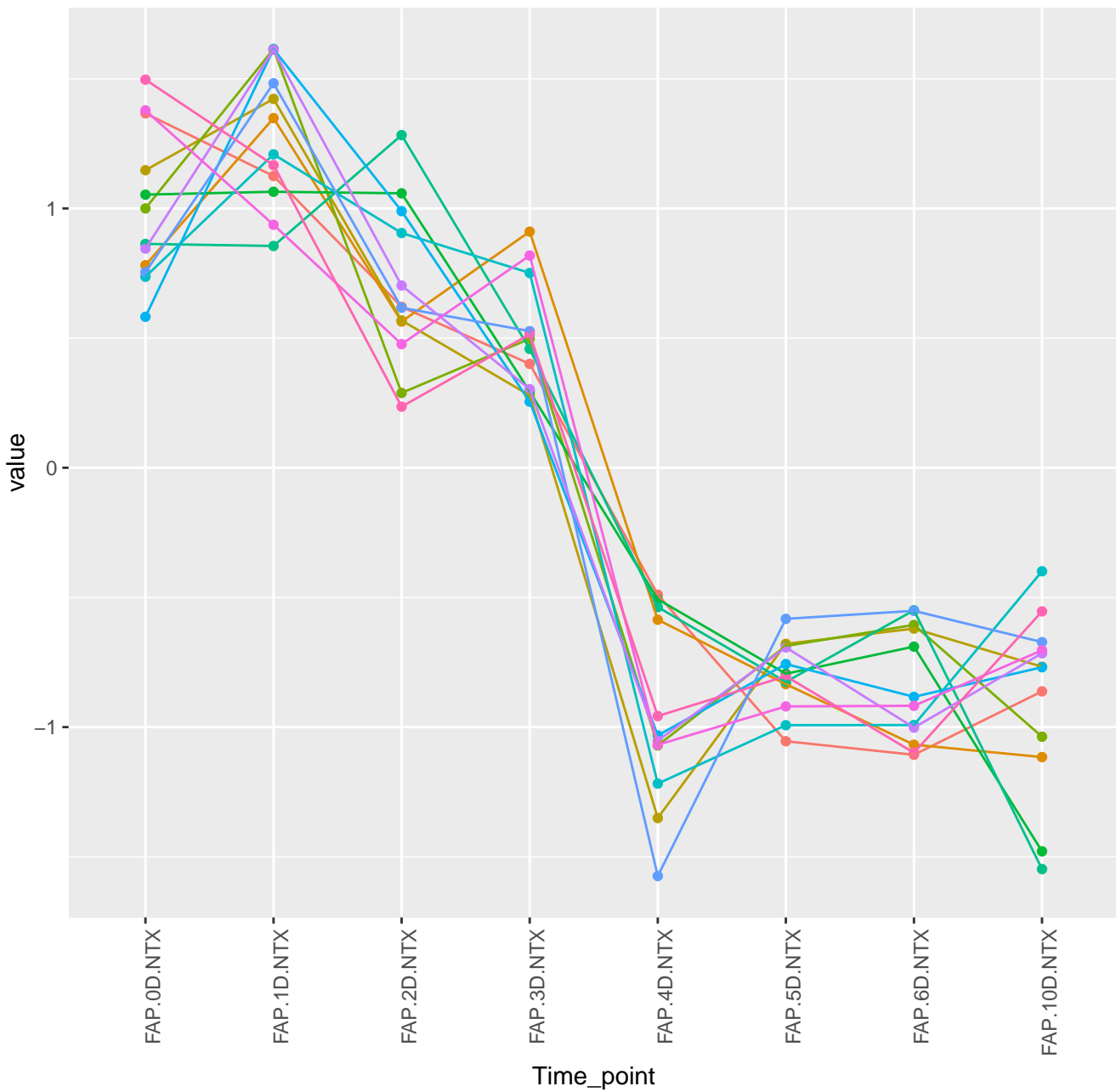
7 genes – cluster 133



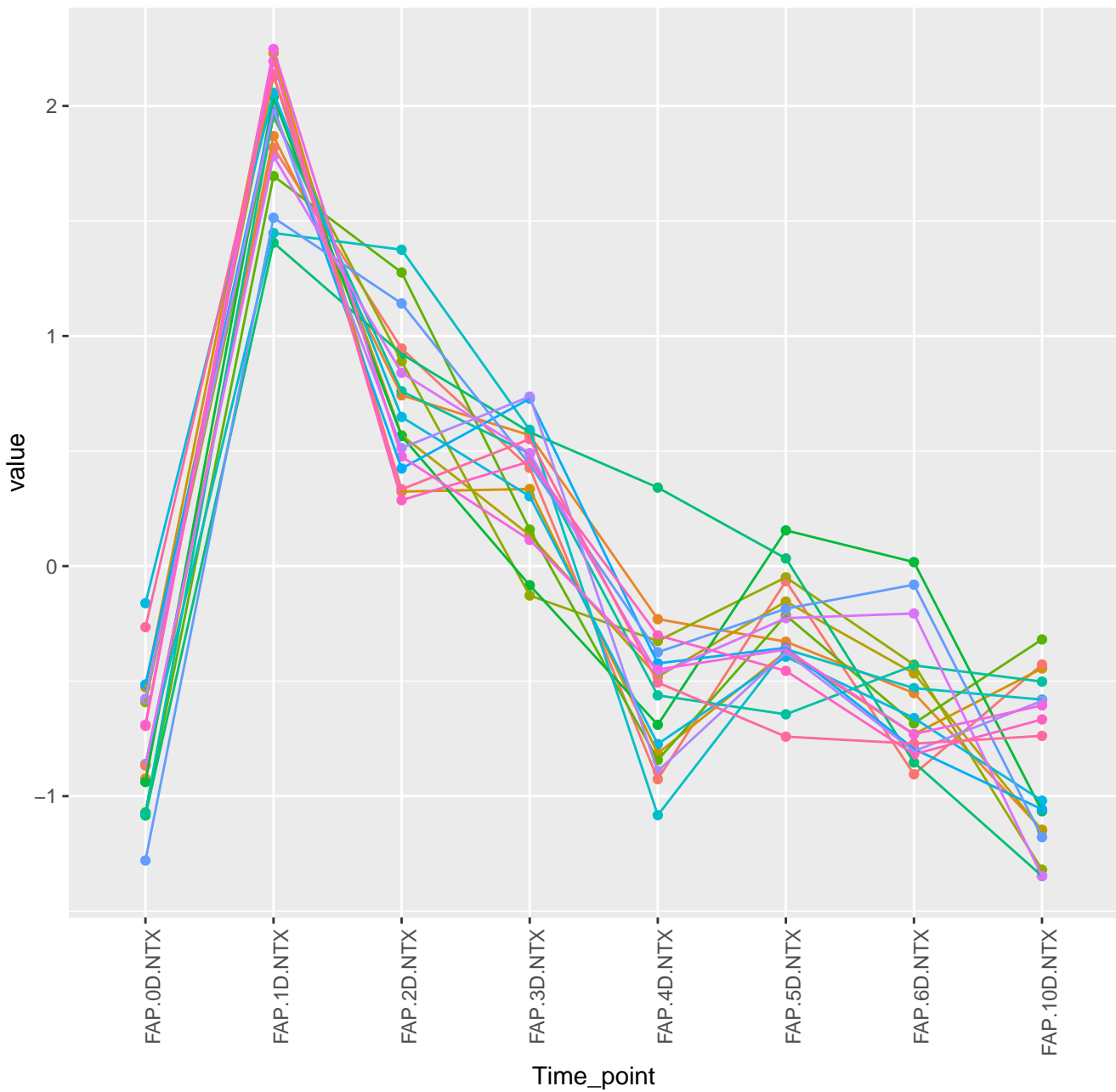
7 genes – cluster 134



12 genes – cluster 135

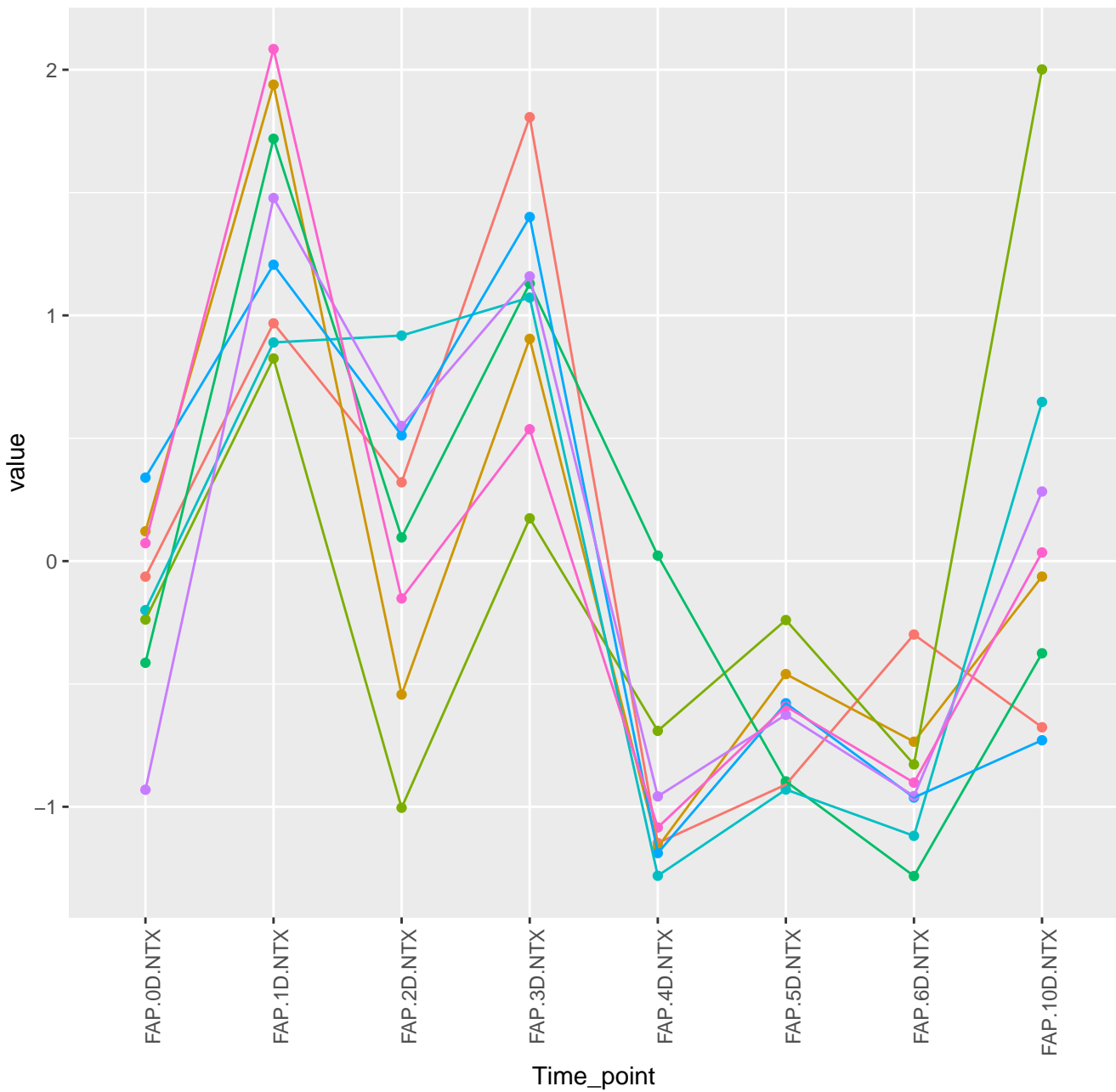


18 genes – cluster 136

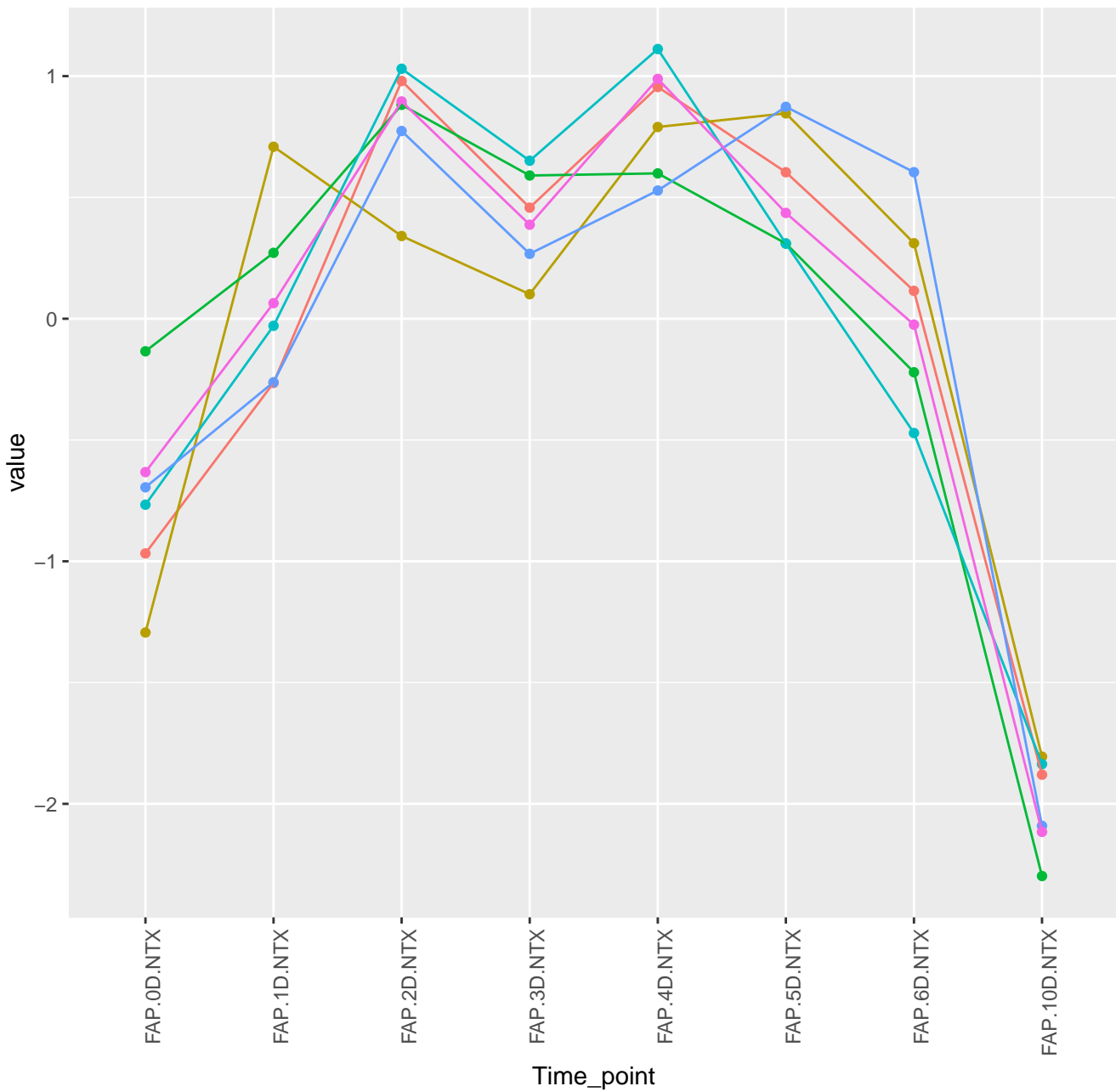




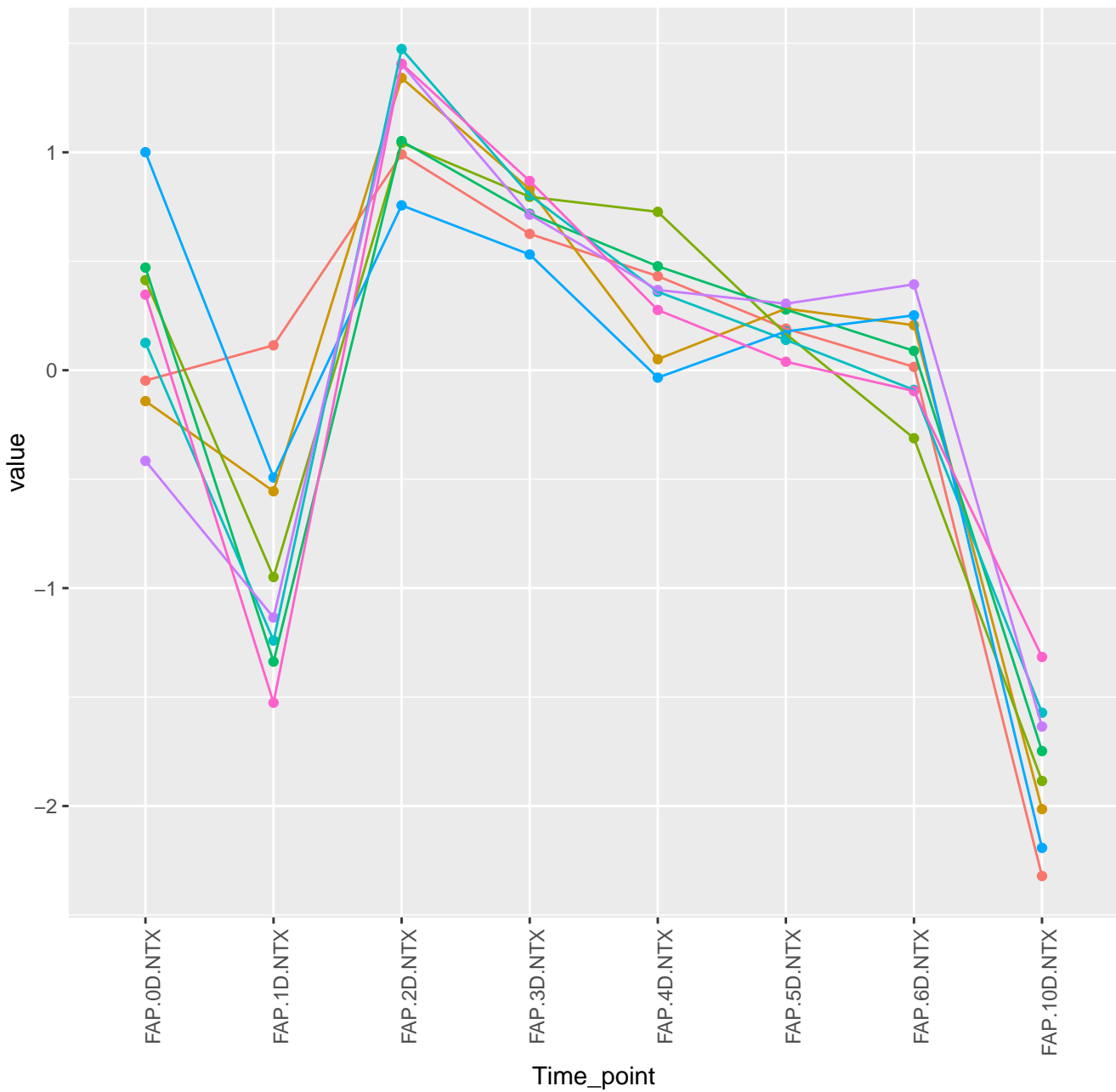
8 genes – cluster 137



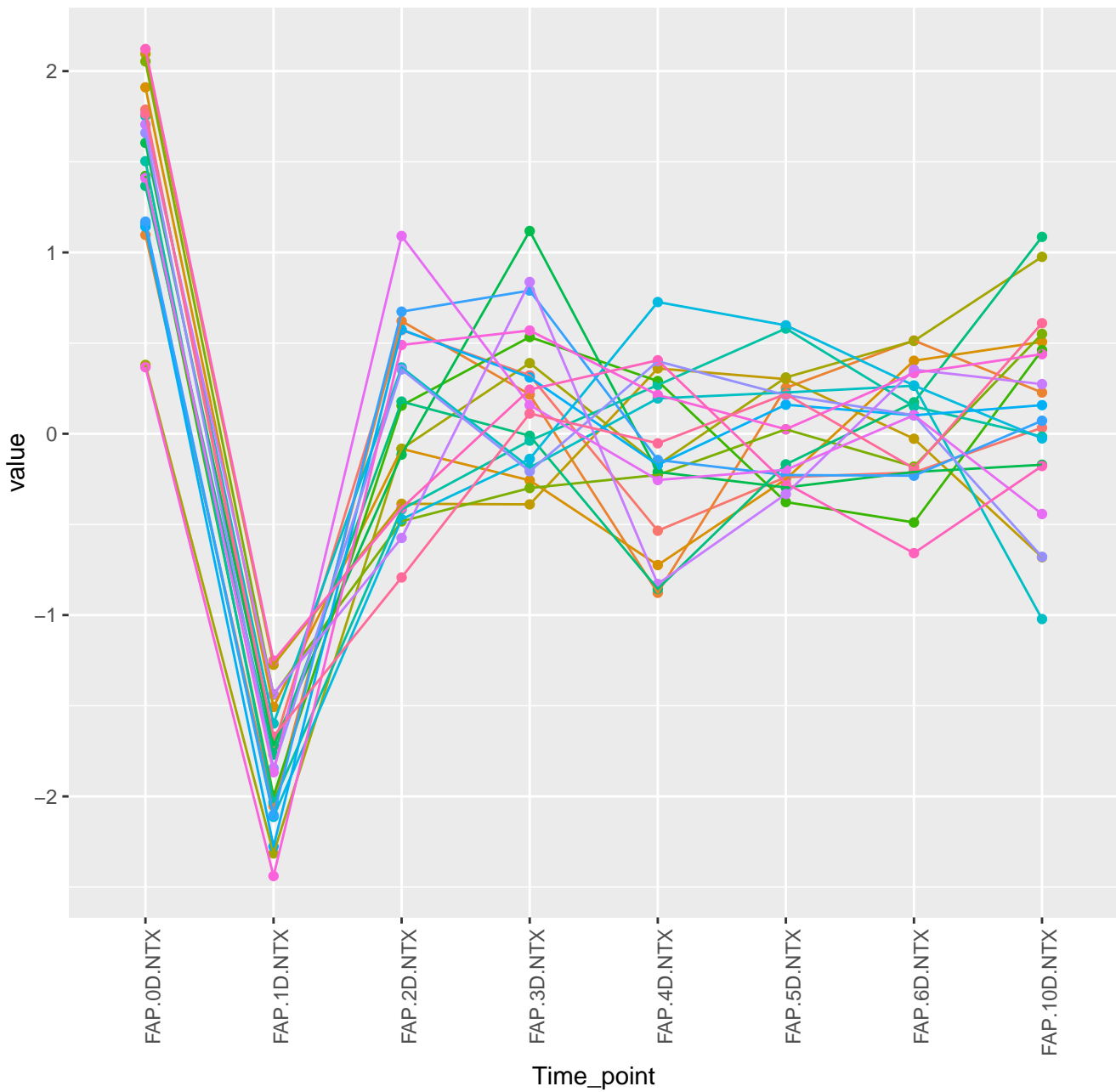
6 genes – cluster 138



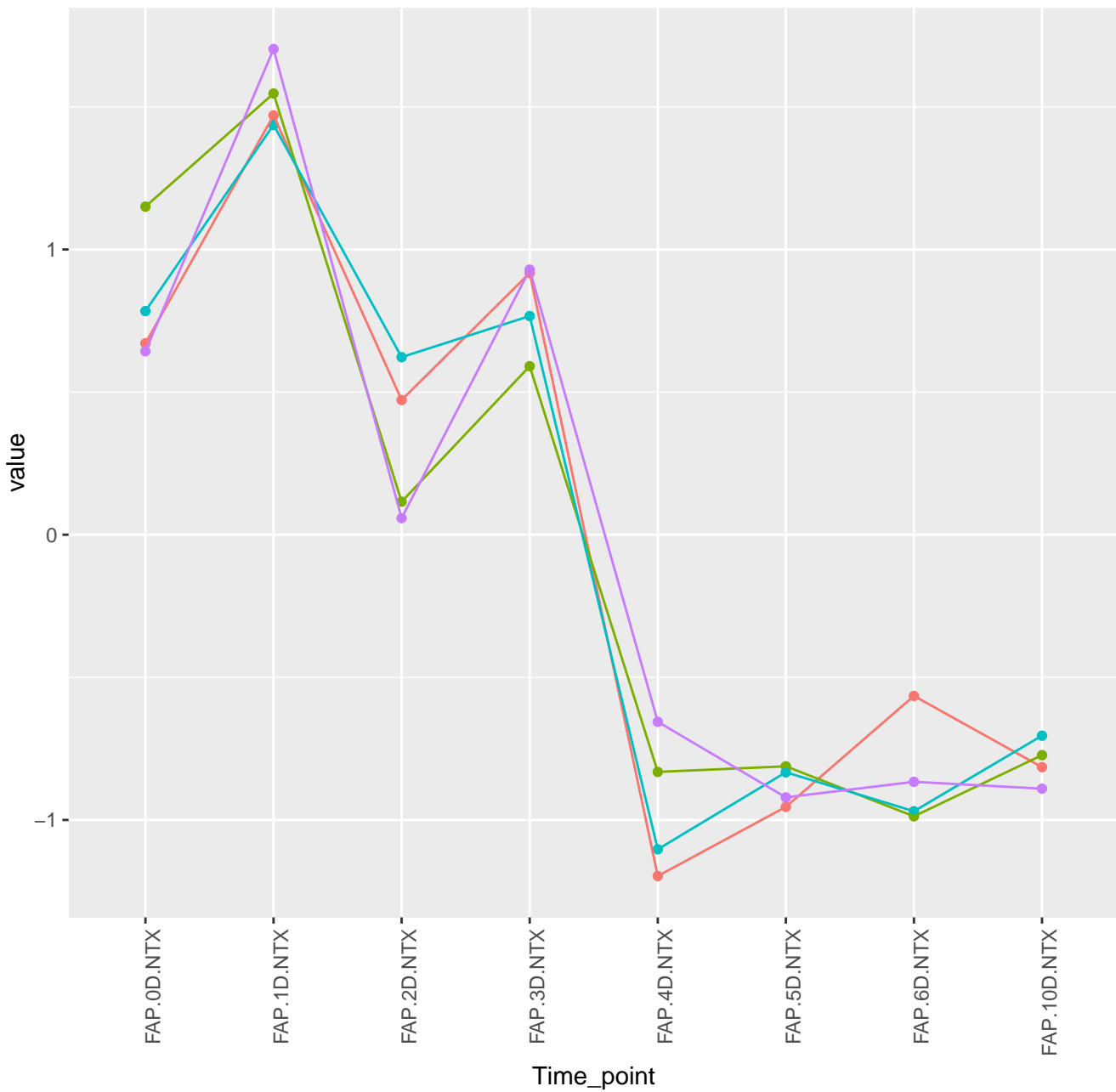
8 genes – cluster 139



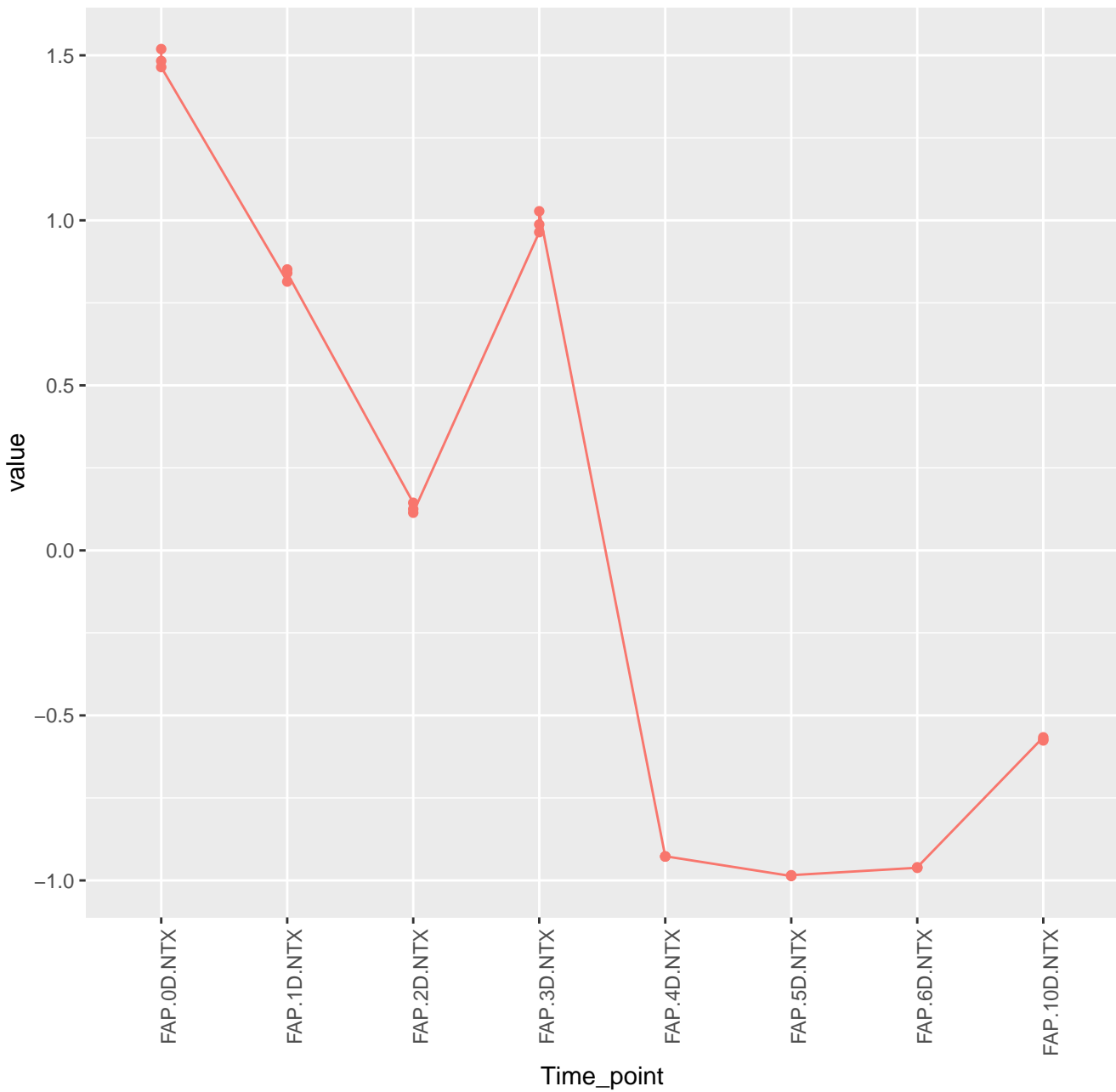
20 genes – cluster 140



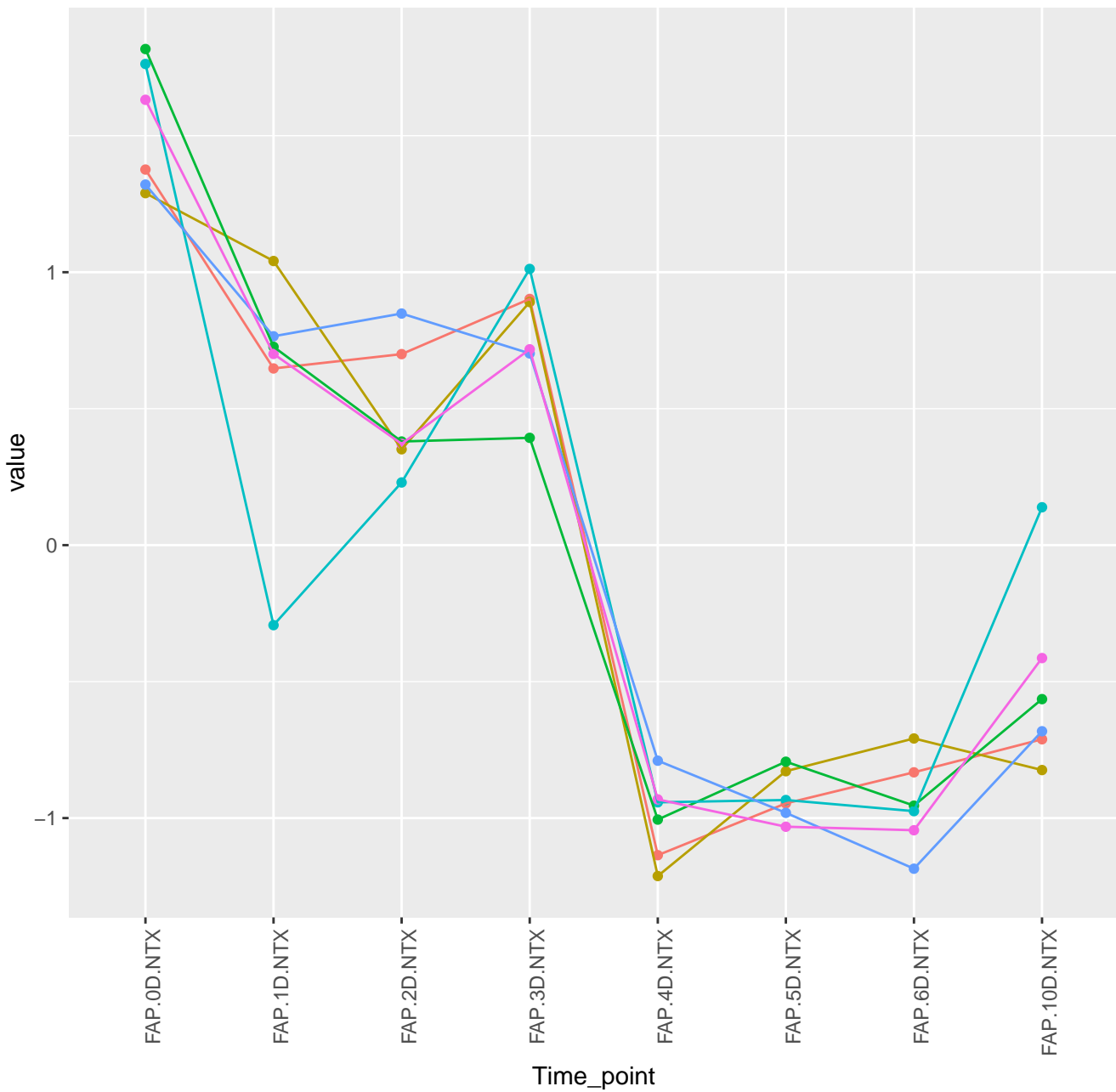
4 genes – cluster 141



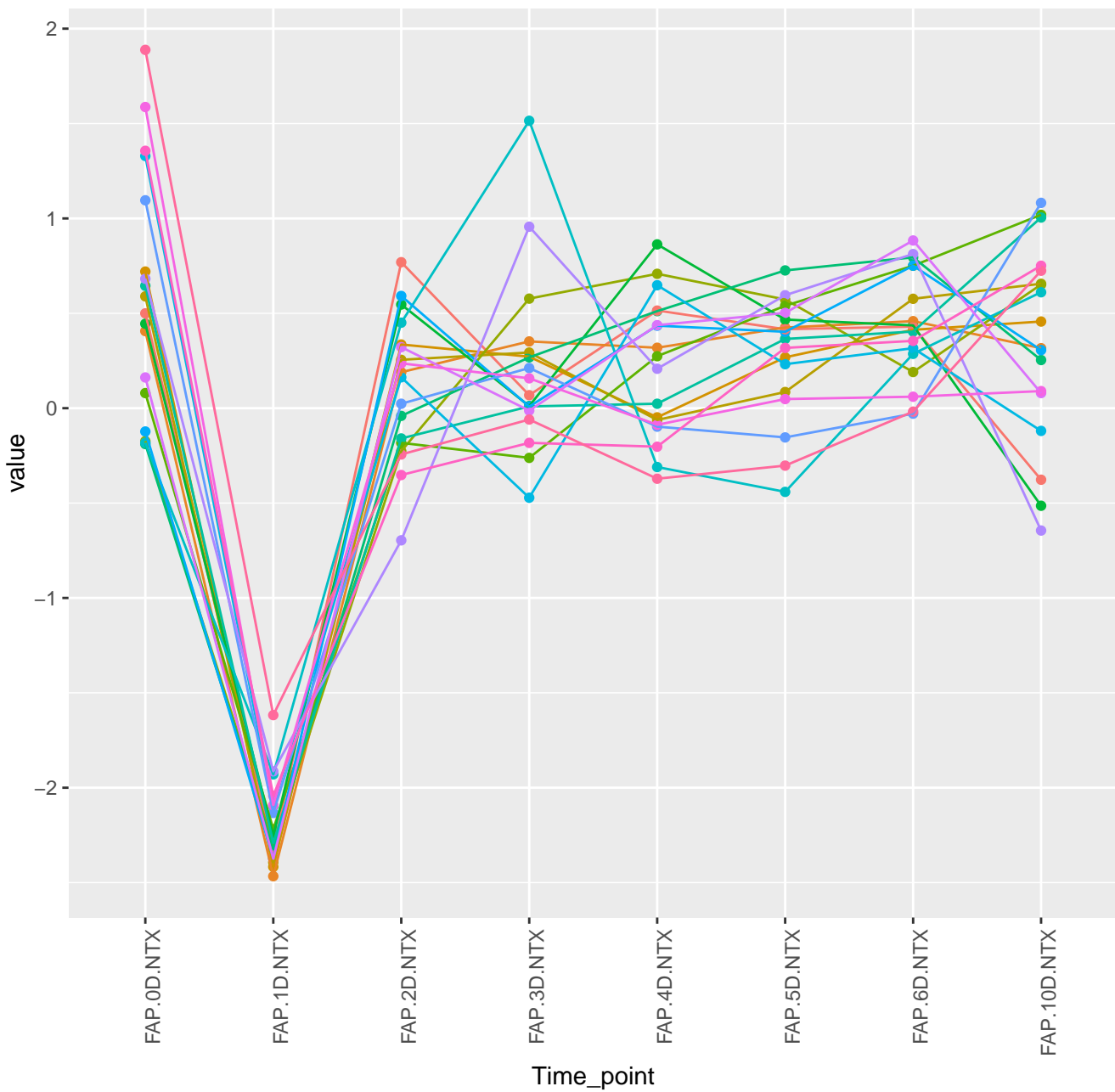
3 genes – cluster 142



6 genes – cluster 143

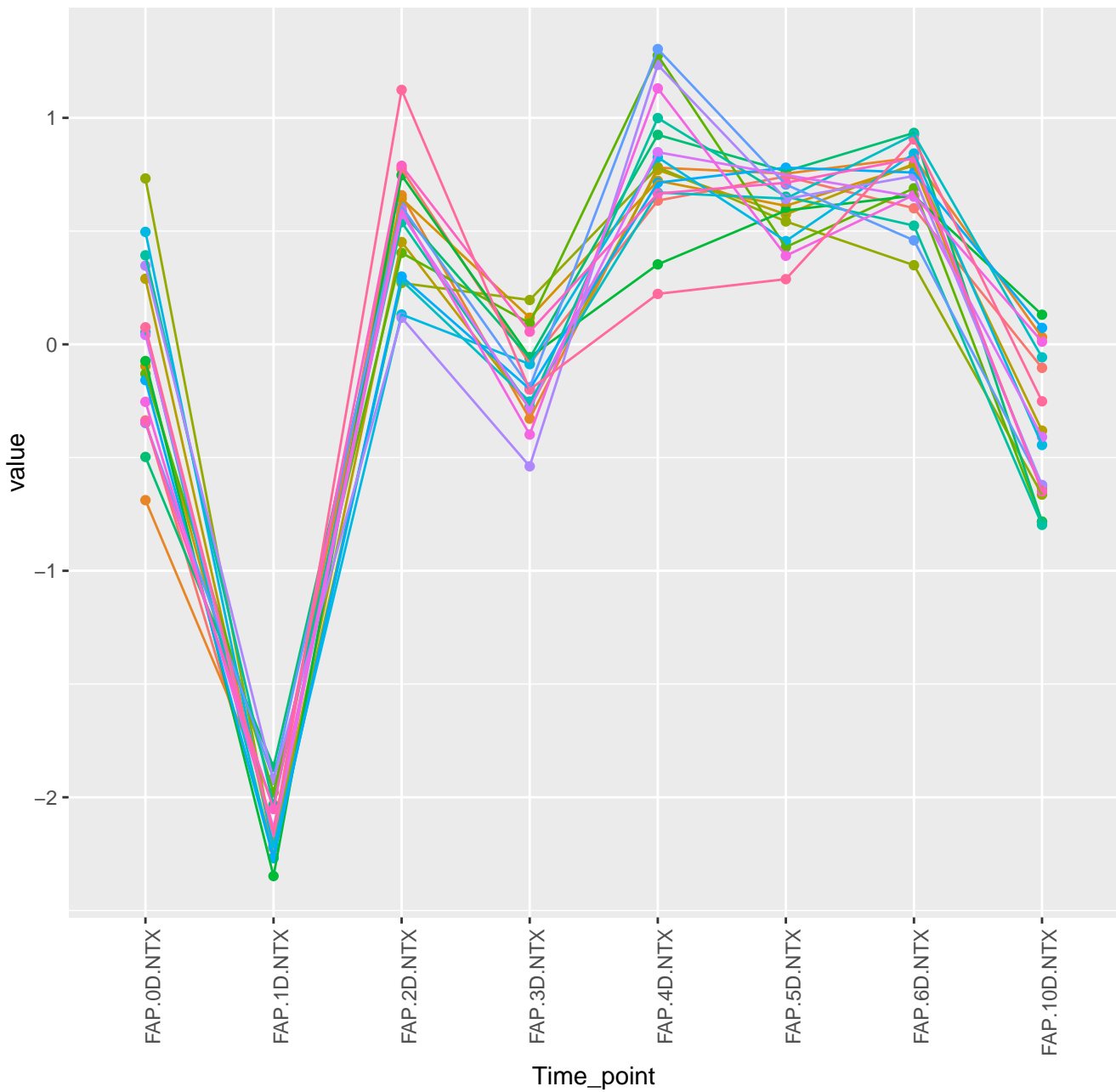


18 genes – cluster 144

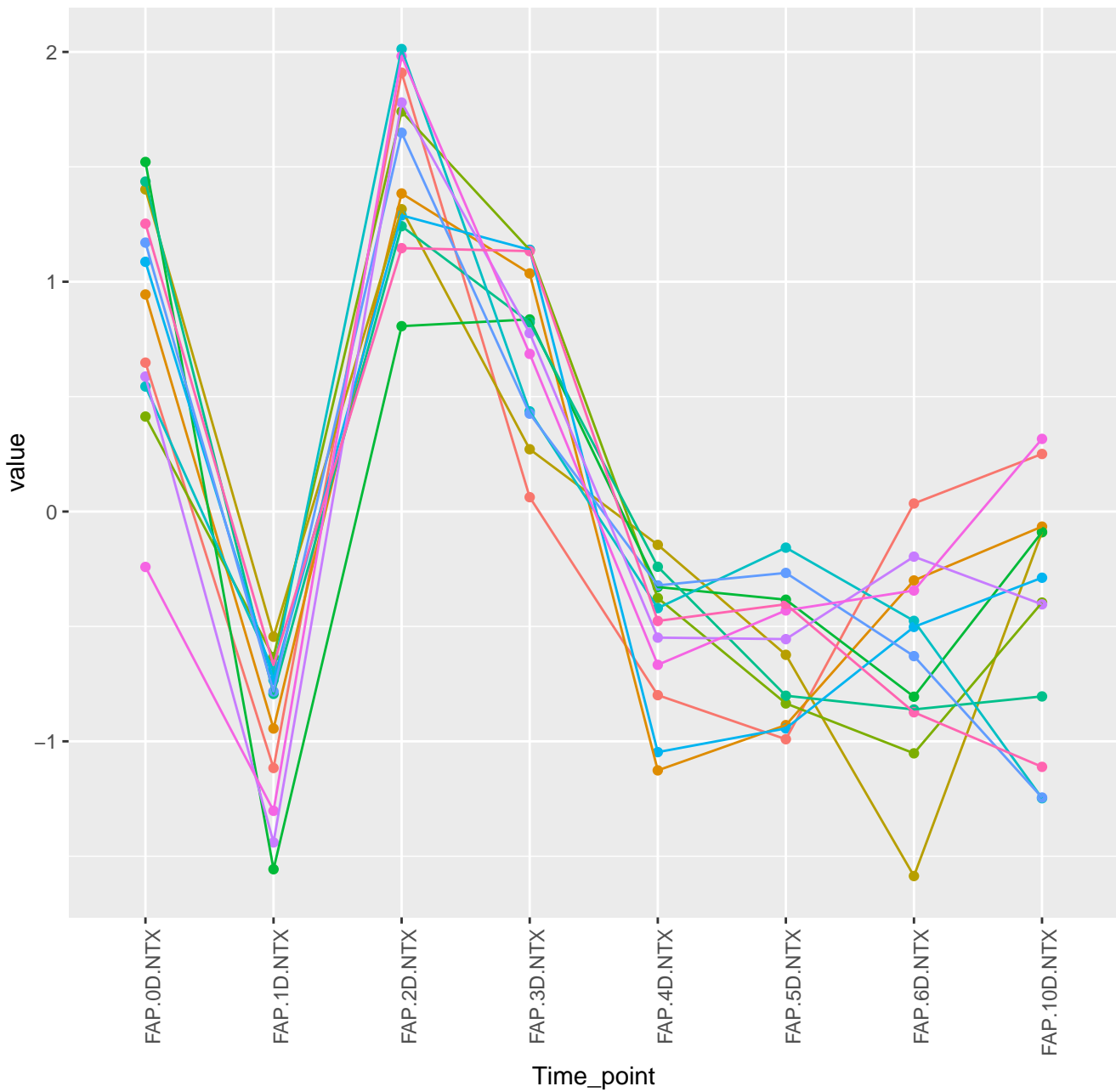




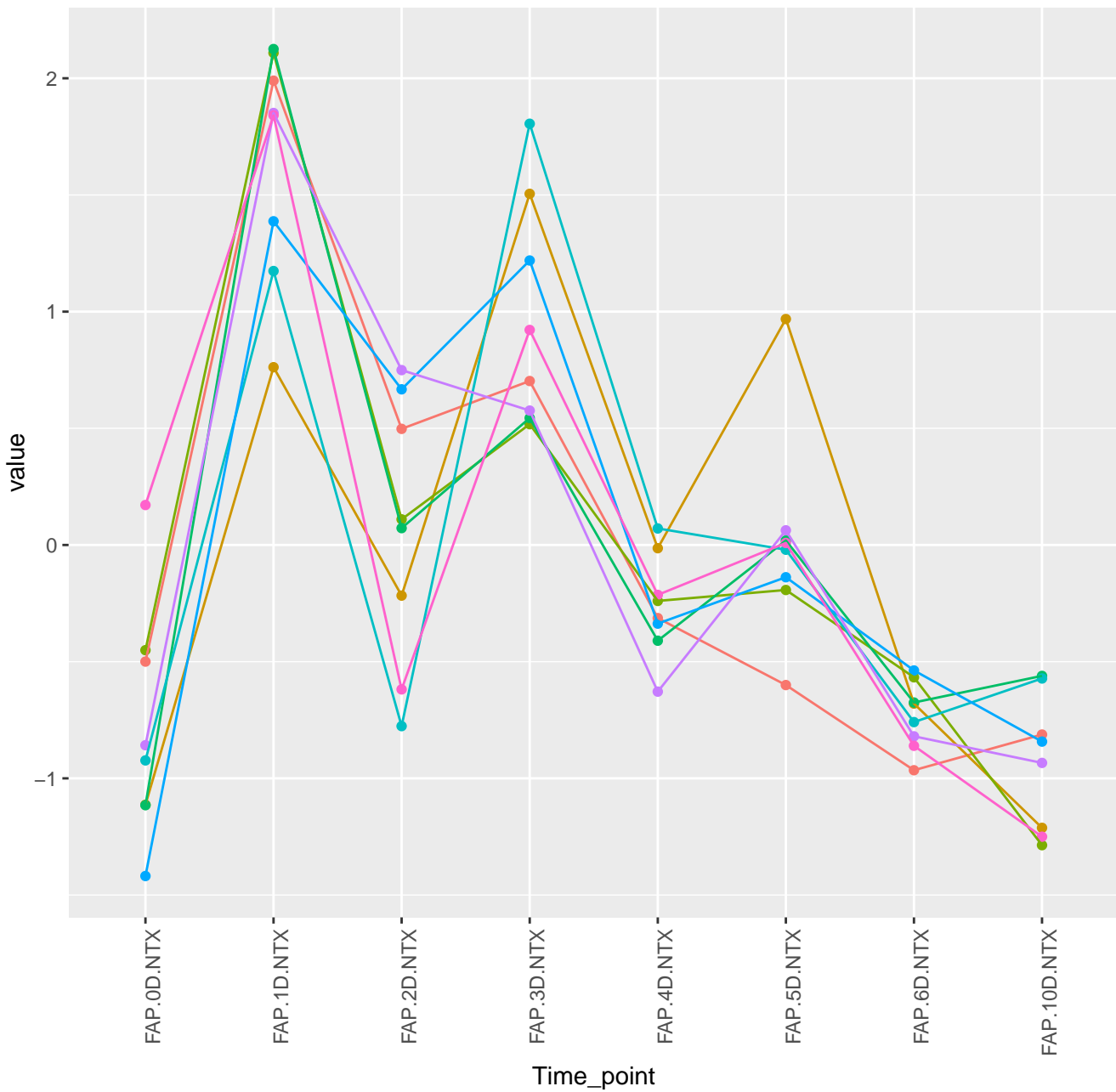
18 genes – cluster 145



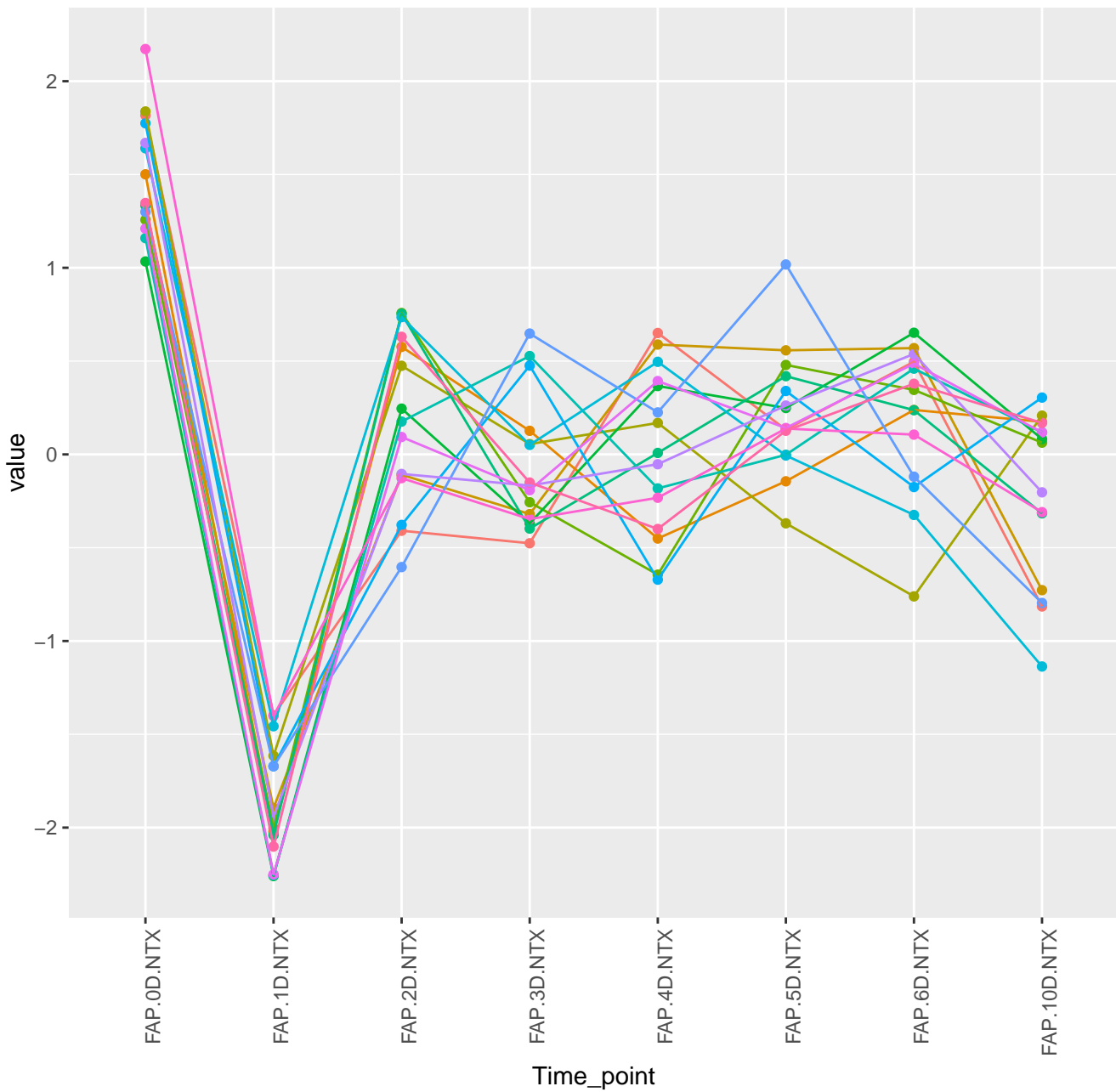
12 genes – cluster 146



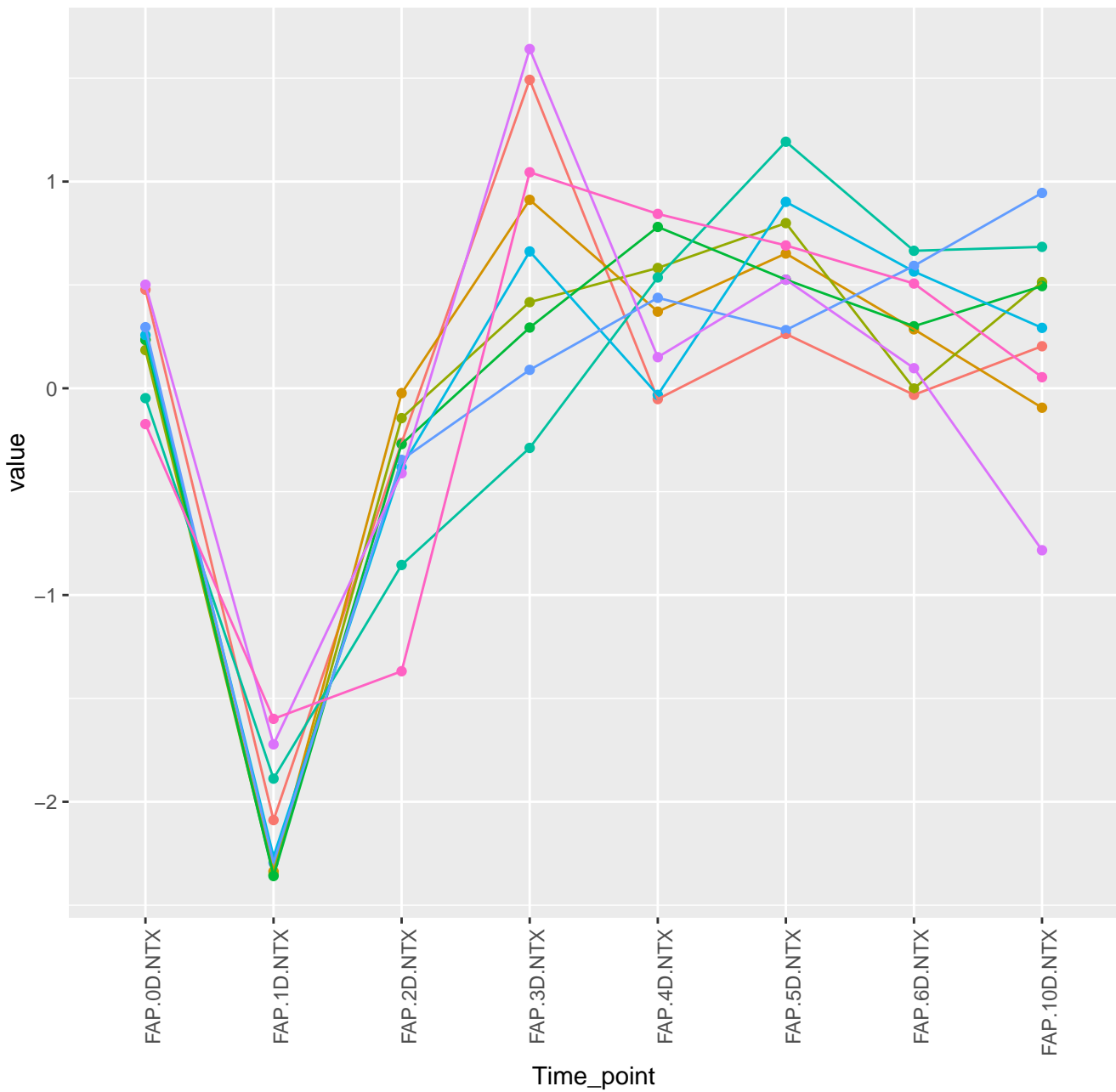
8 genes – cluster 147



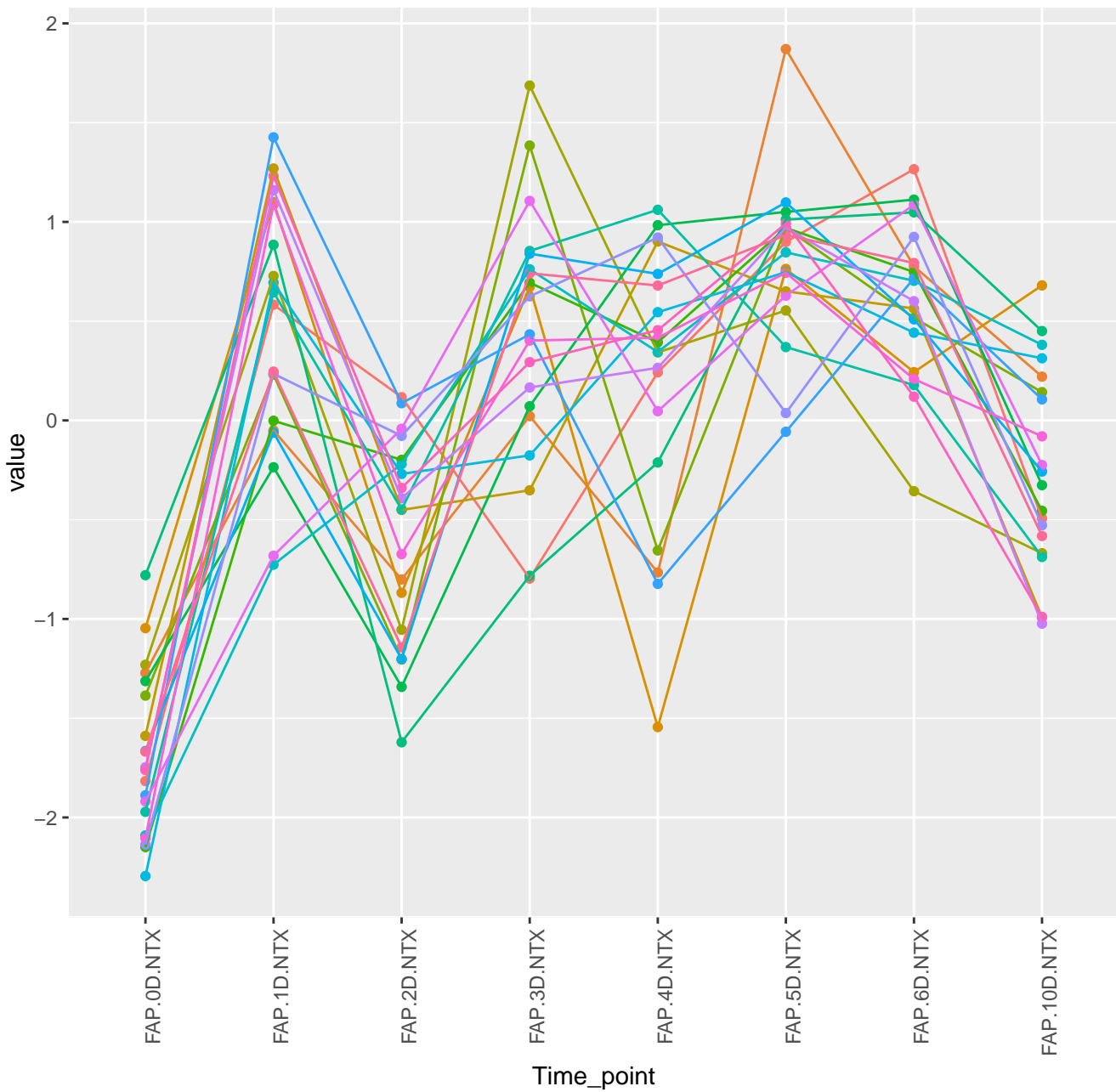
15 genes – cluster 148



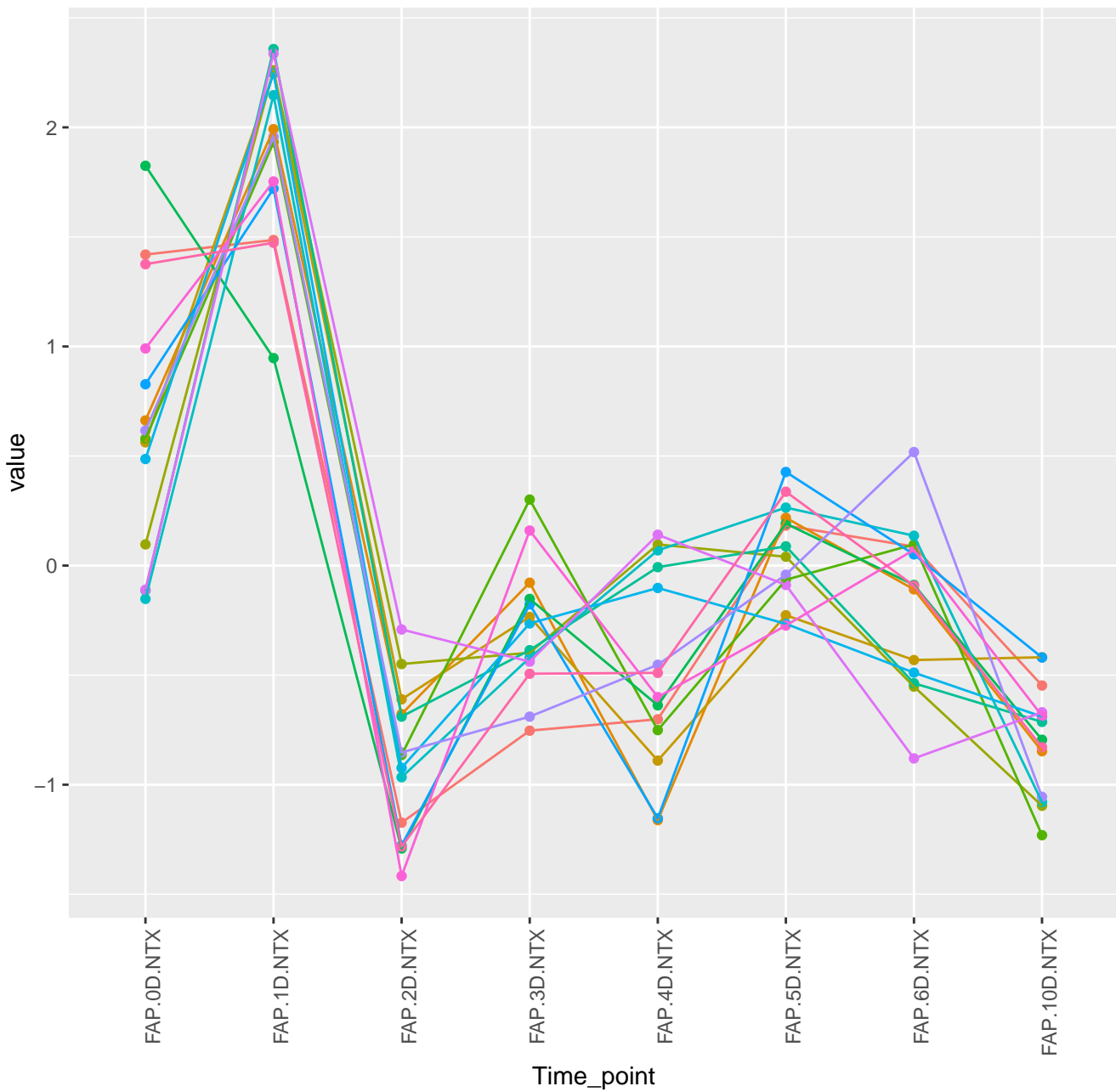
9 genes – cluster 149



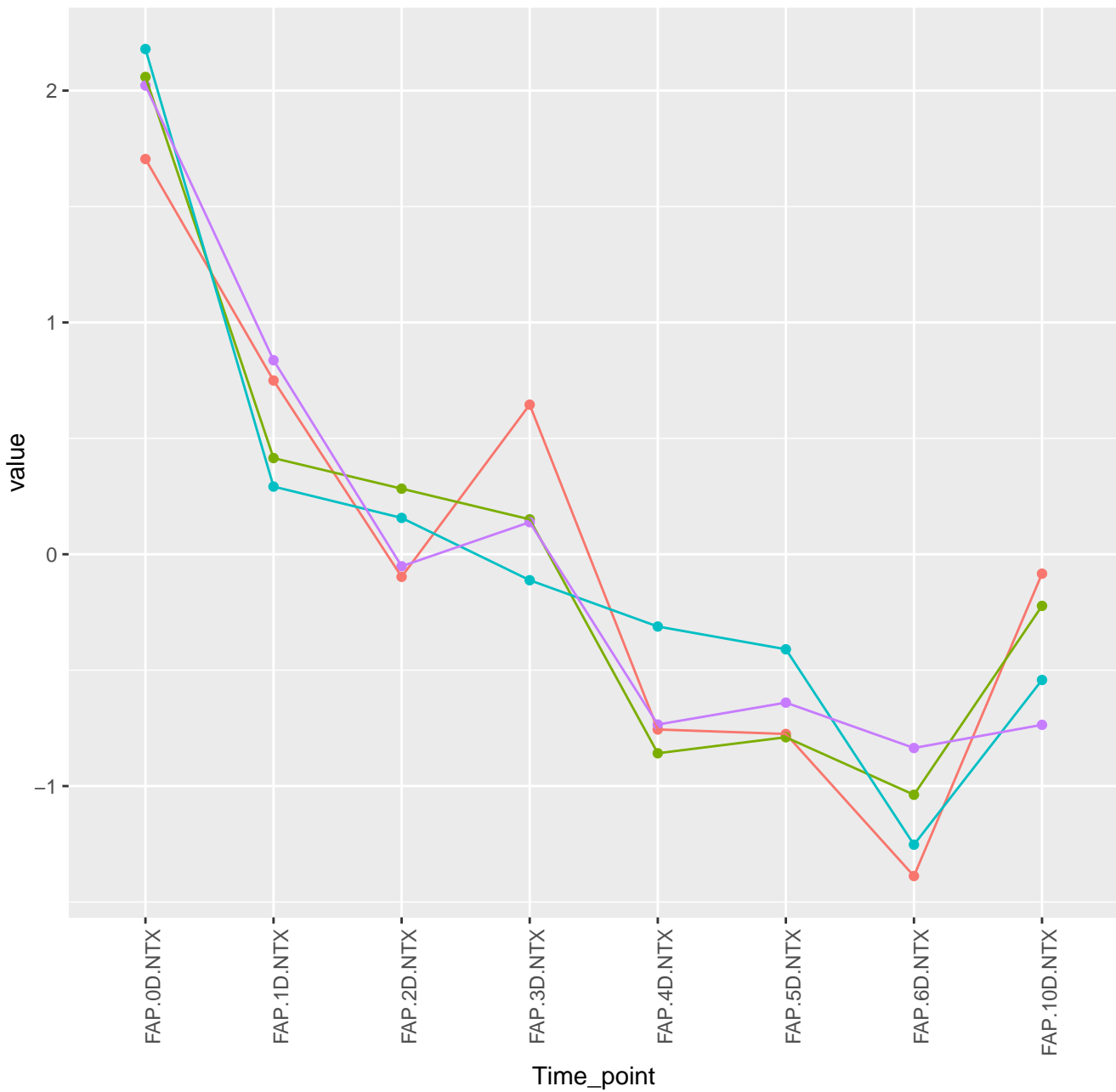
20 genes – cluster 150



14 genes – cluster 151

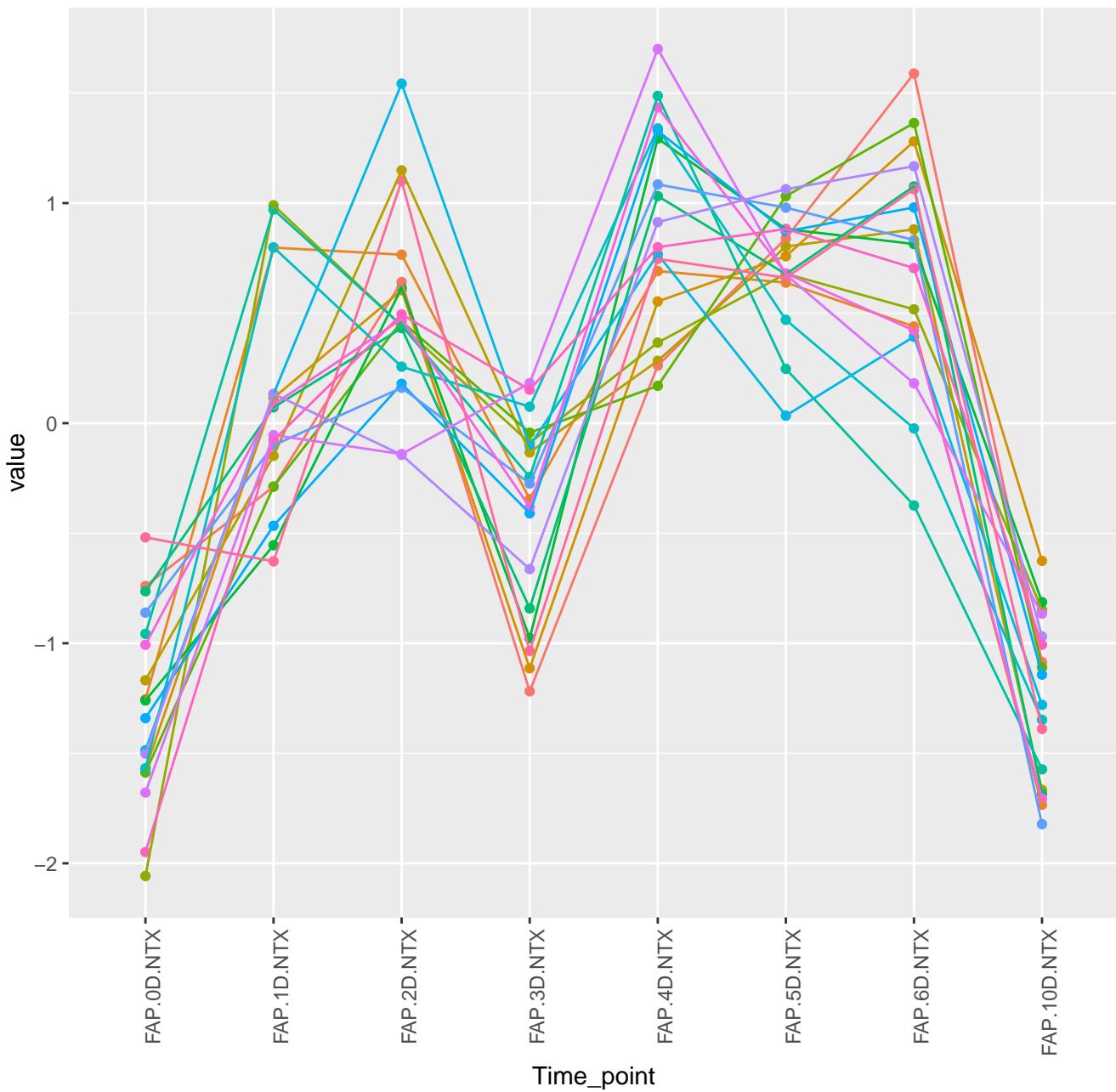


4 genes – cluster 152

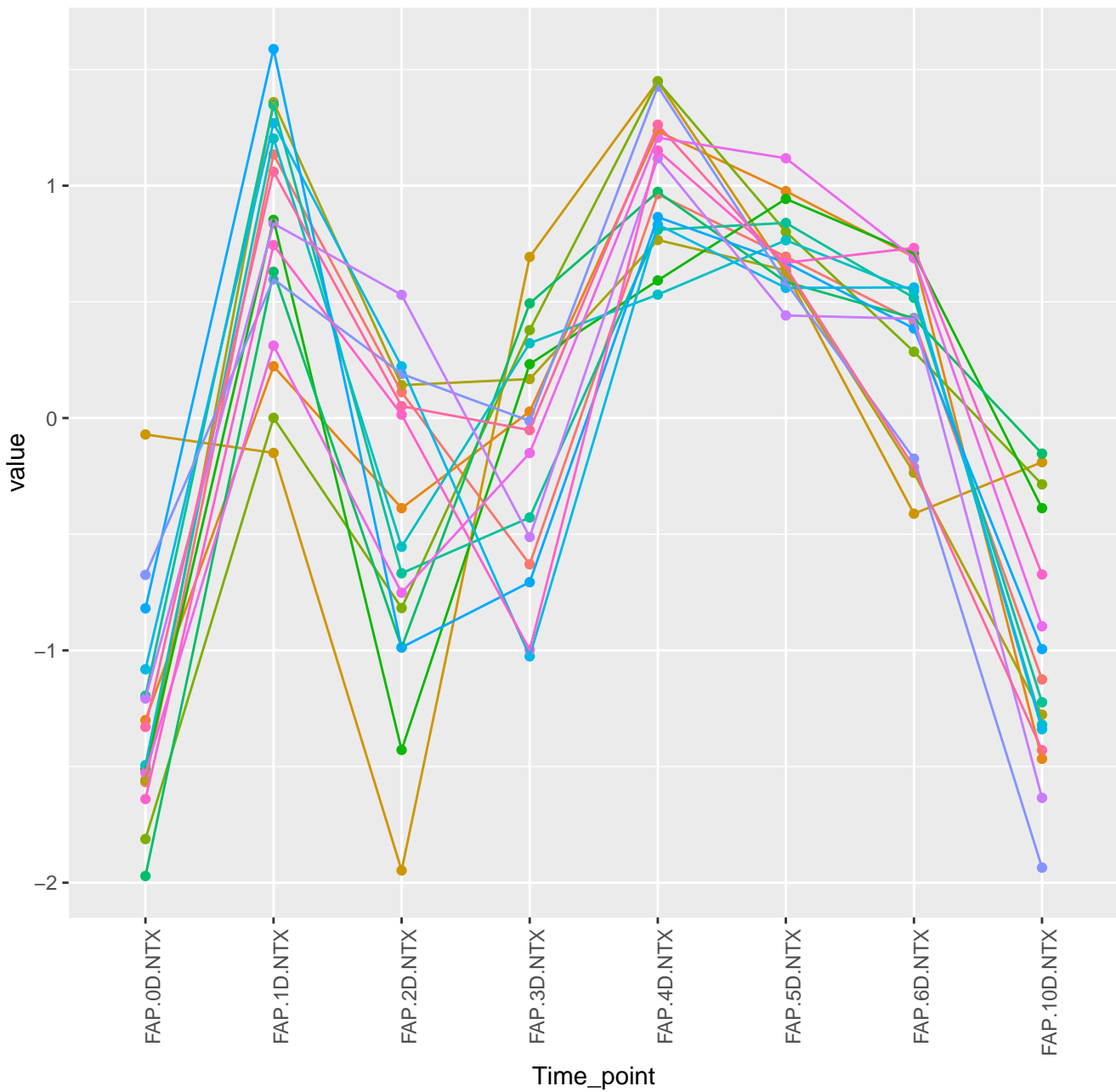




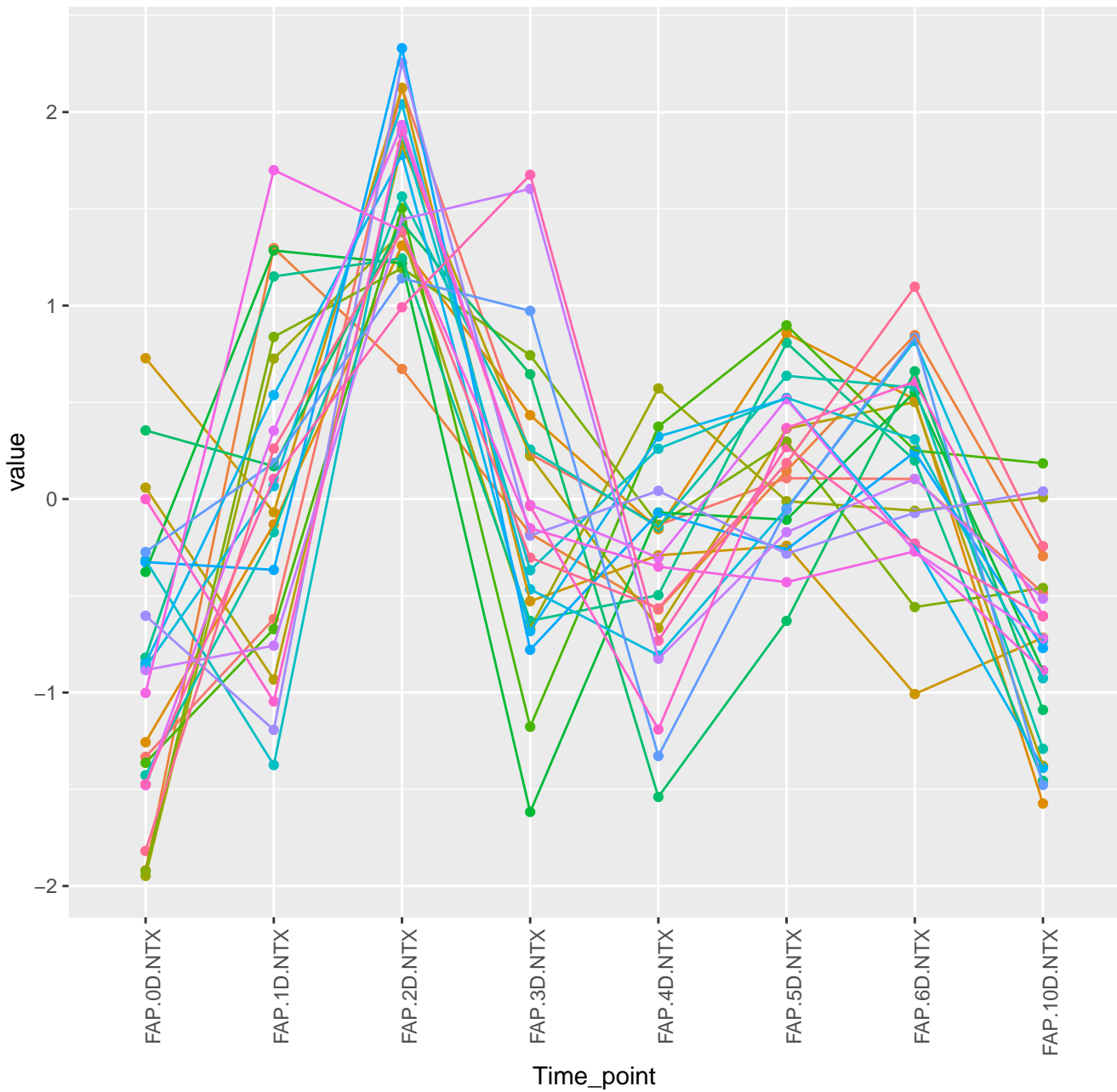
18 genes – cluster 153



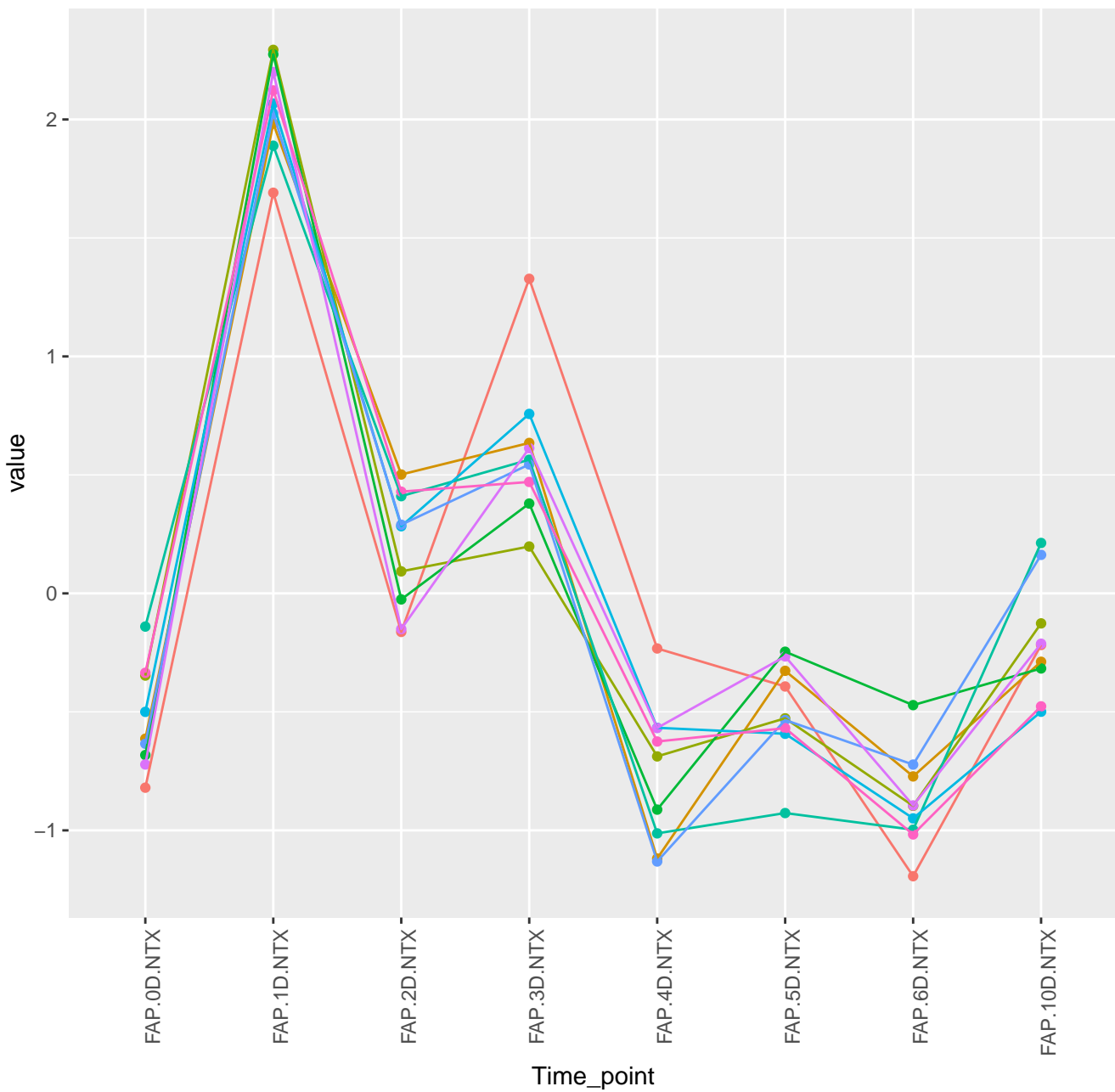
16 genes – cluster 154



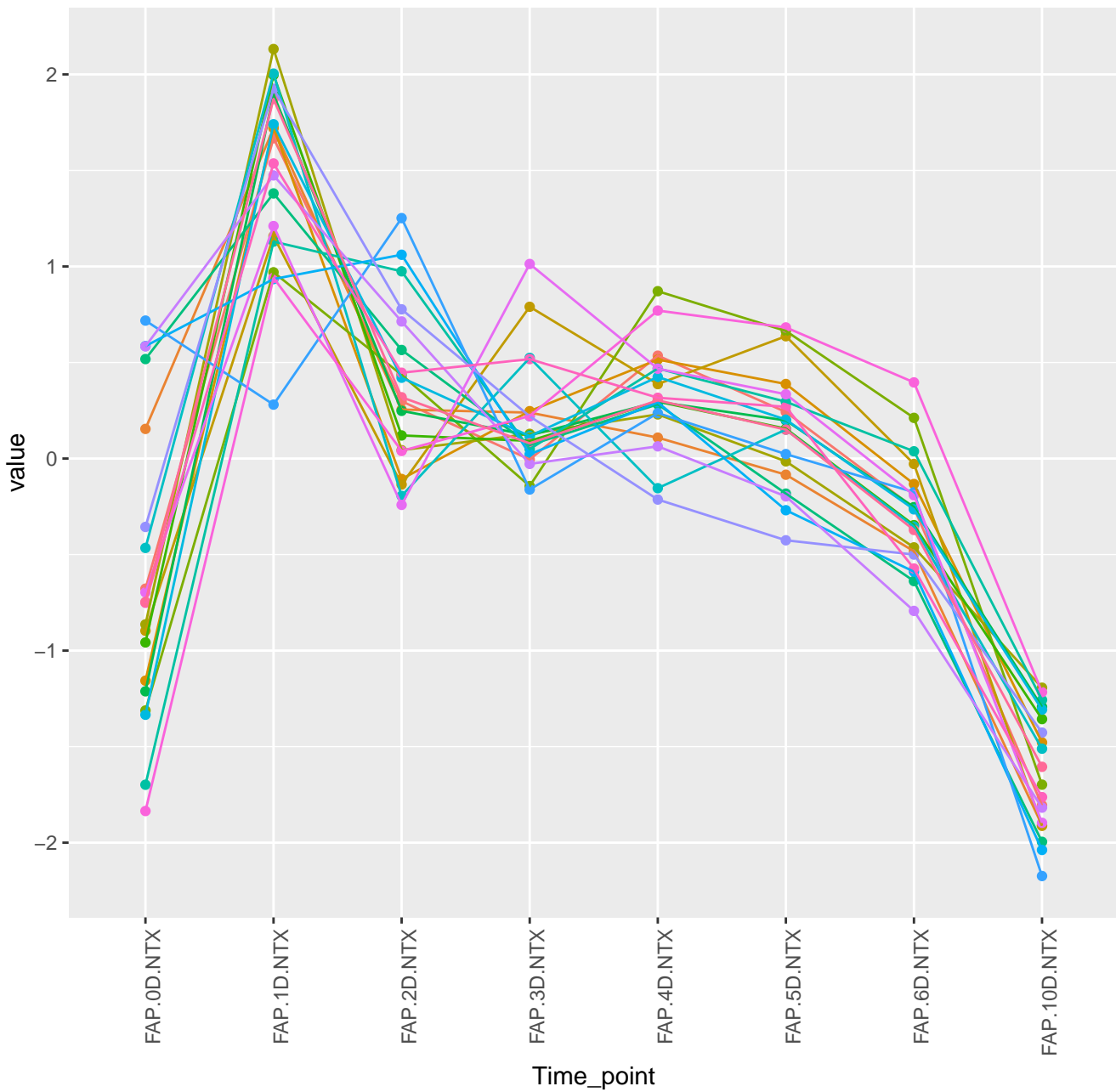
24 genes – cluster 155



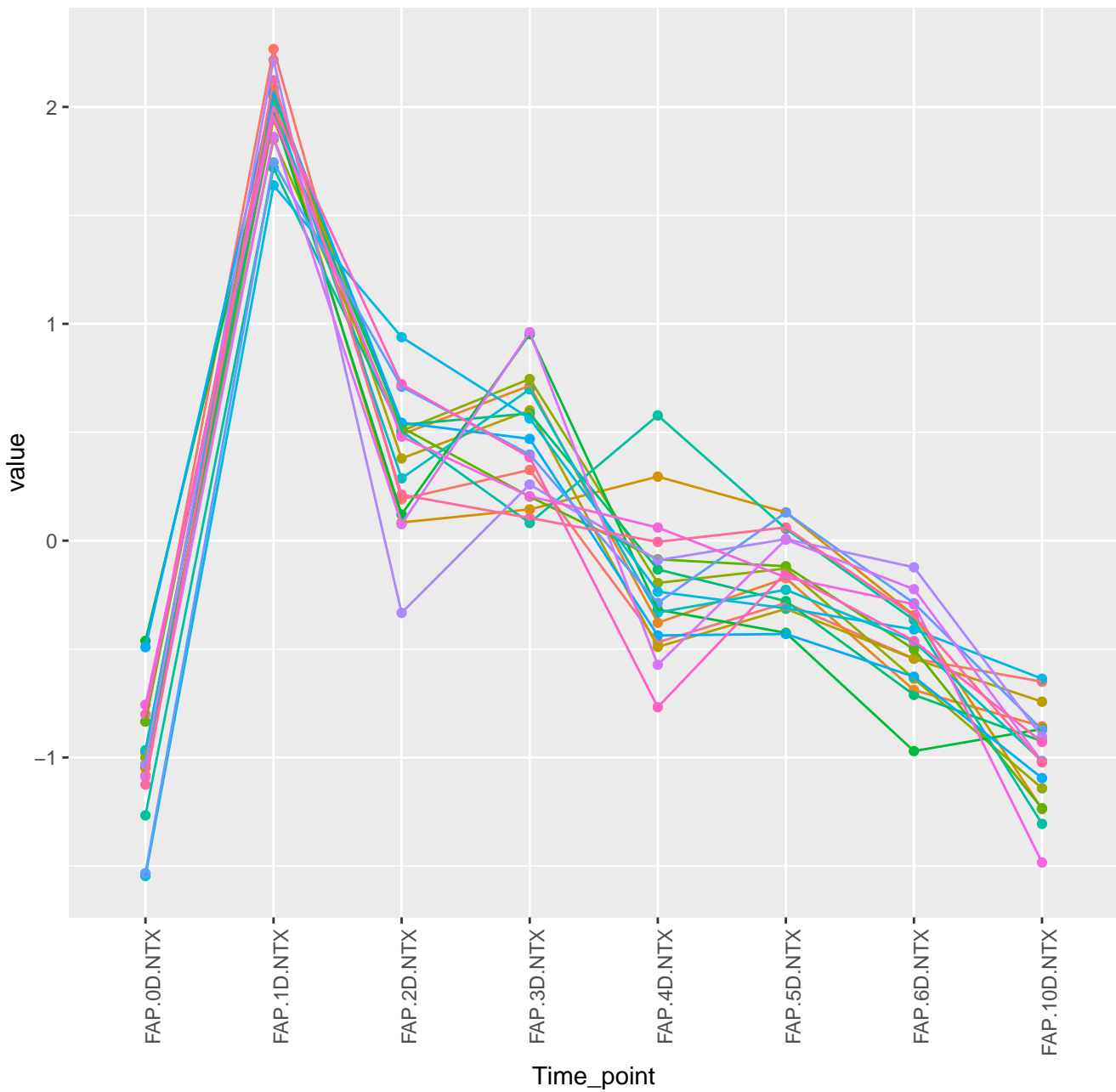
9 genes – cluster 156



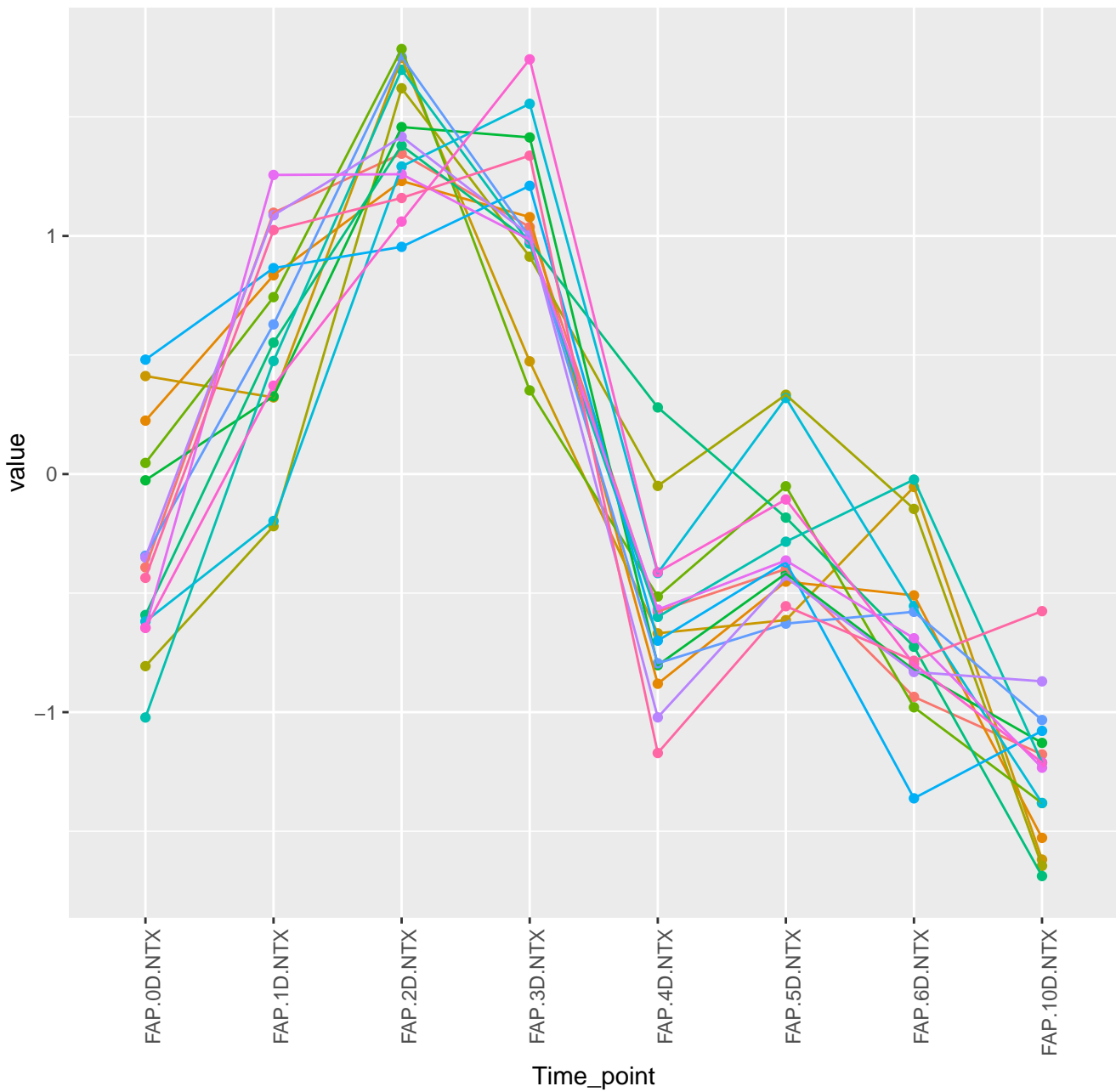
20 genes – cluster 157



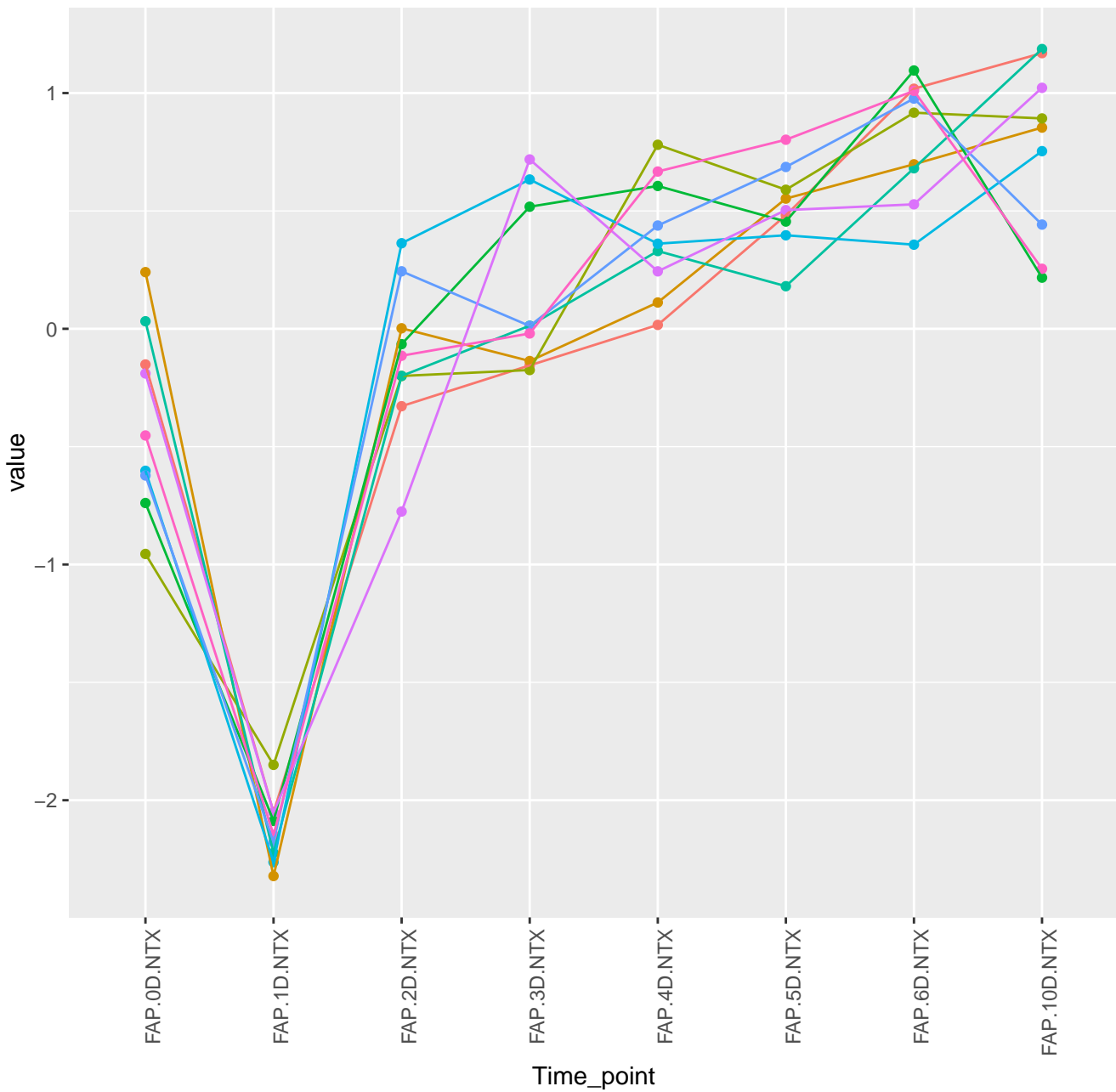
18 genes – cluster 158



15 genes – cluster 159

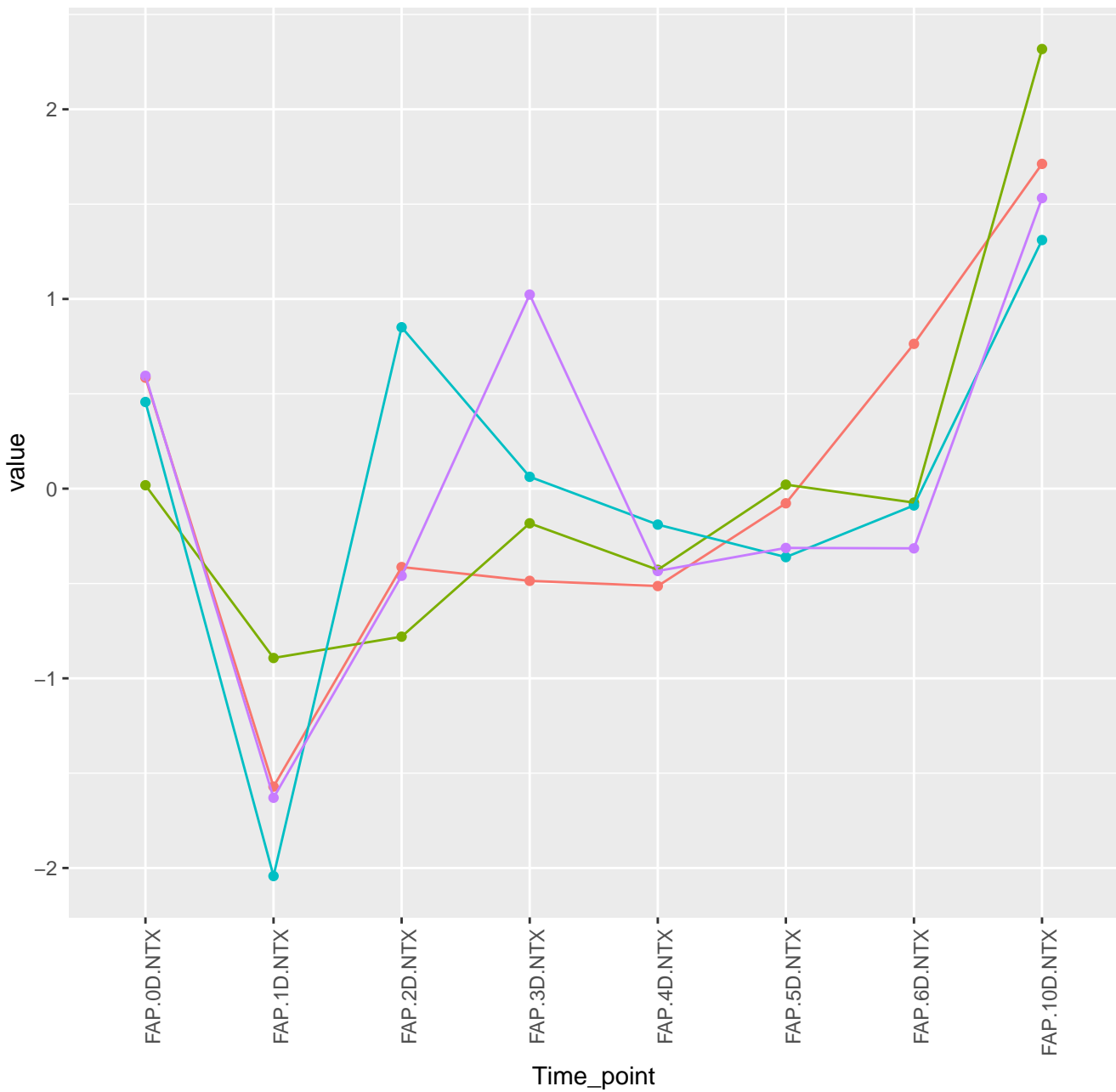


9 genes – cluster 160

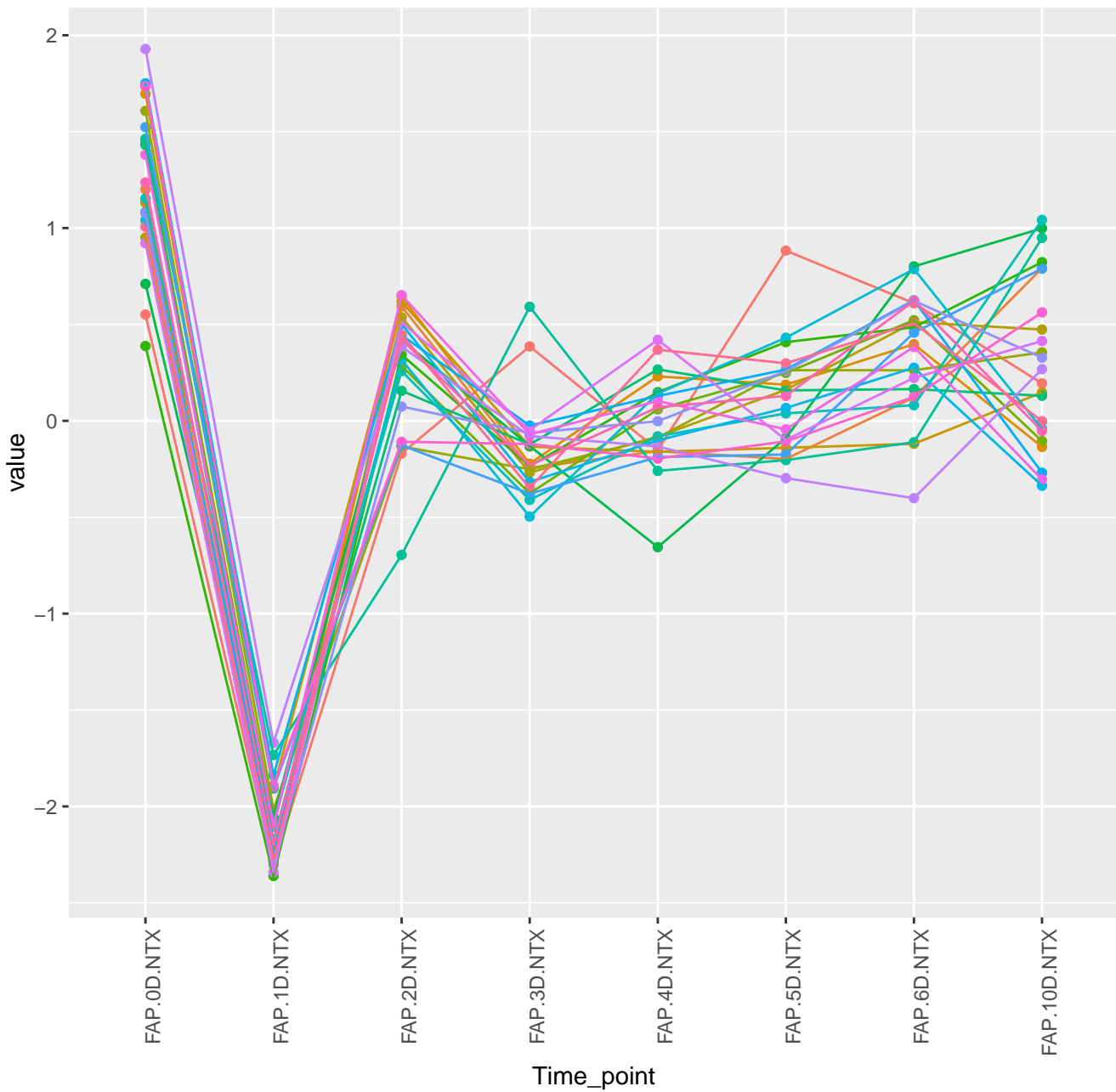




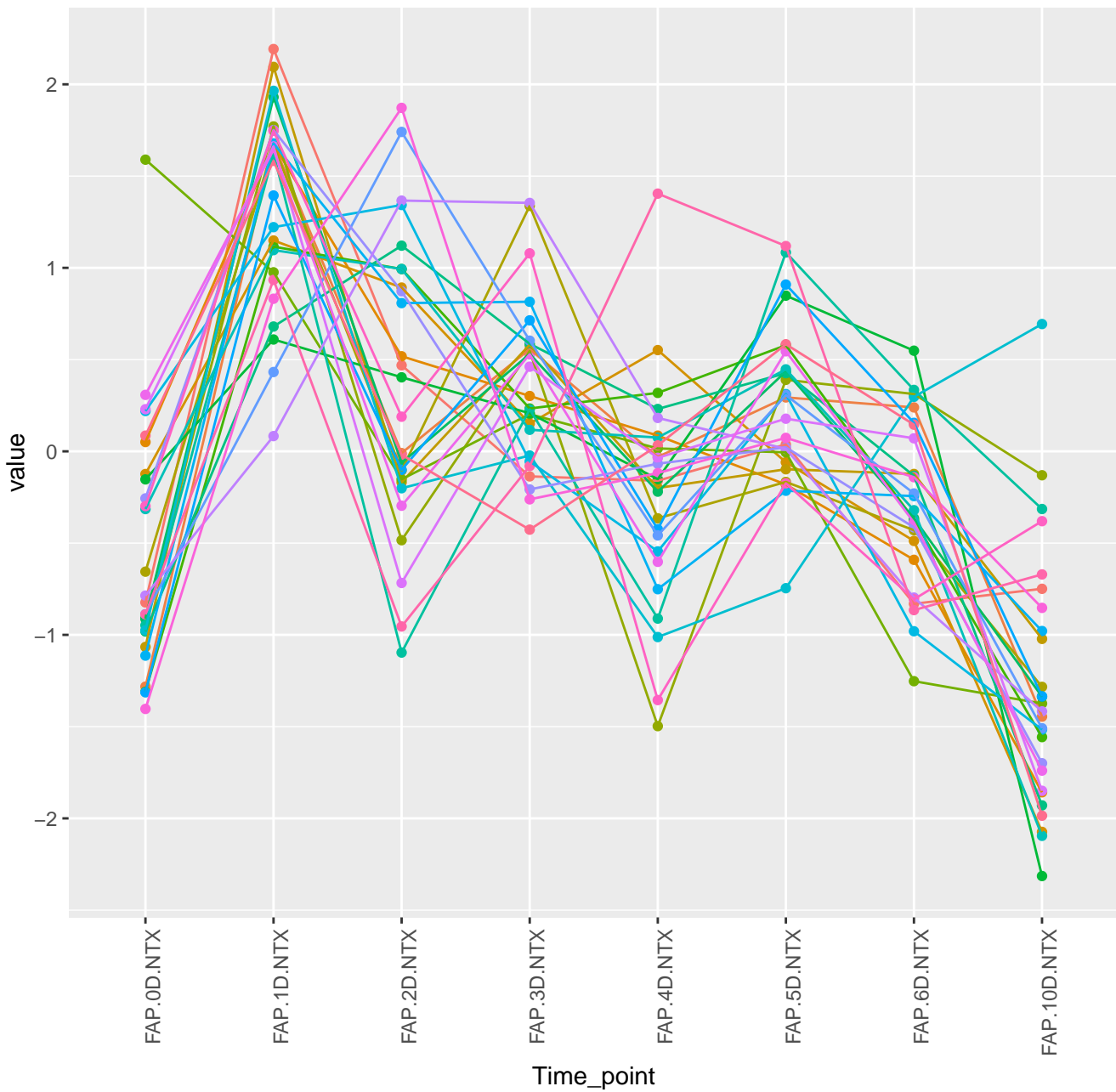
4 genes – cluster 161



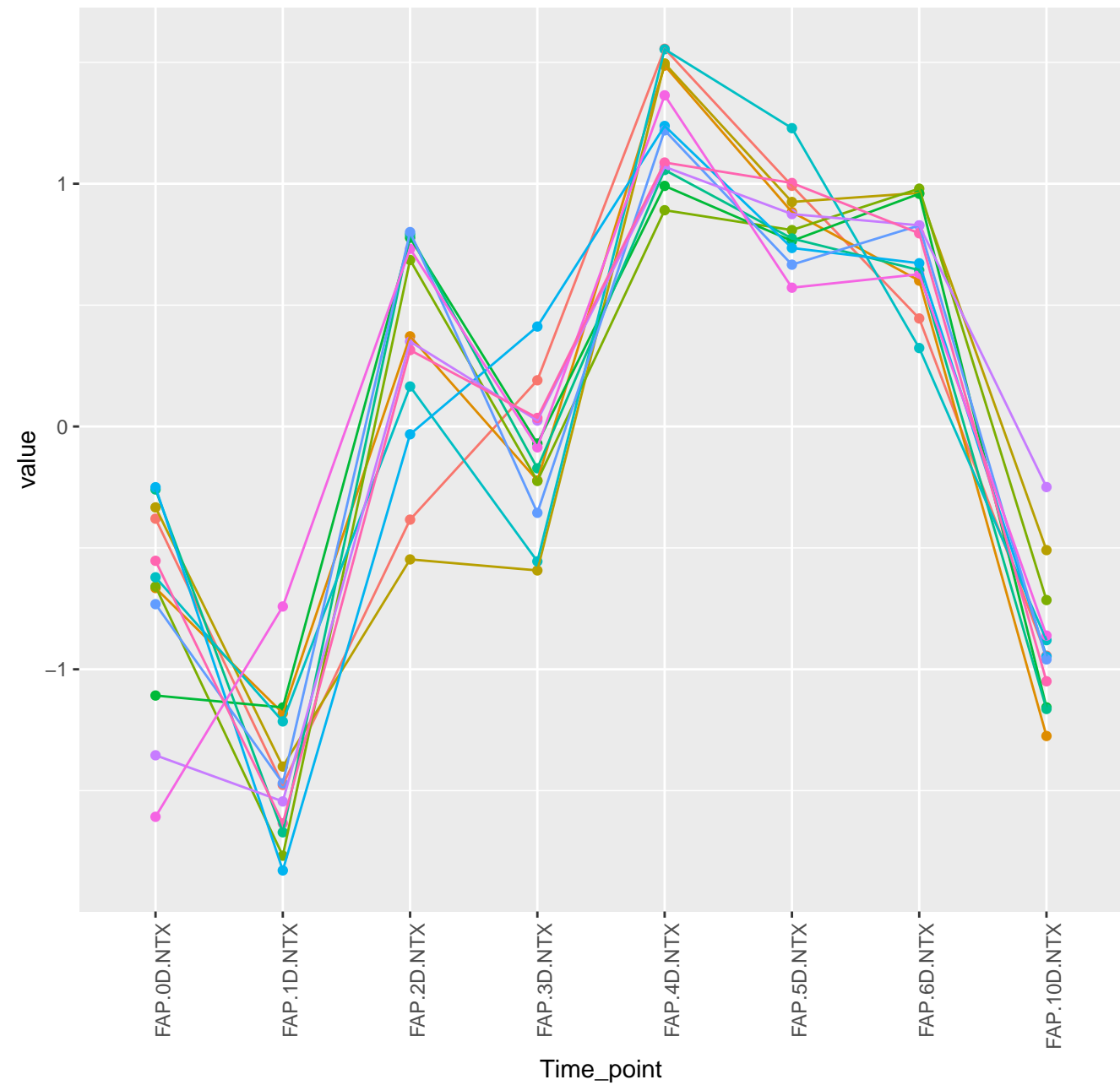
23 genes – cluster 162



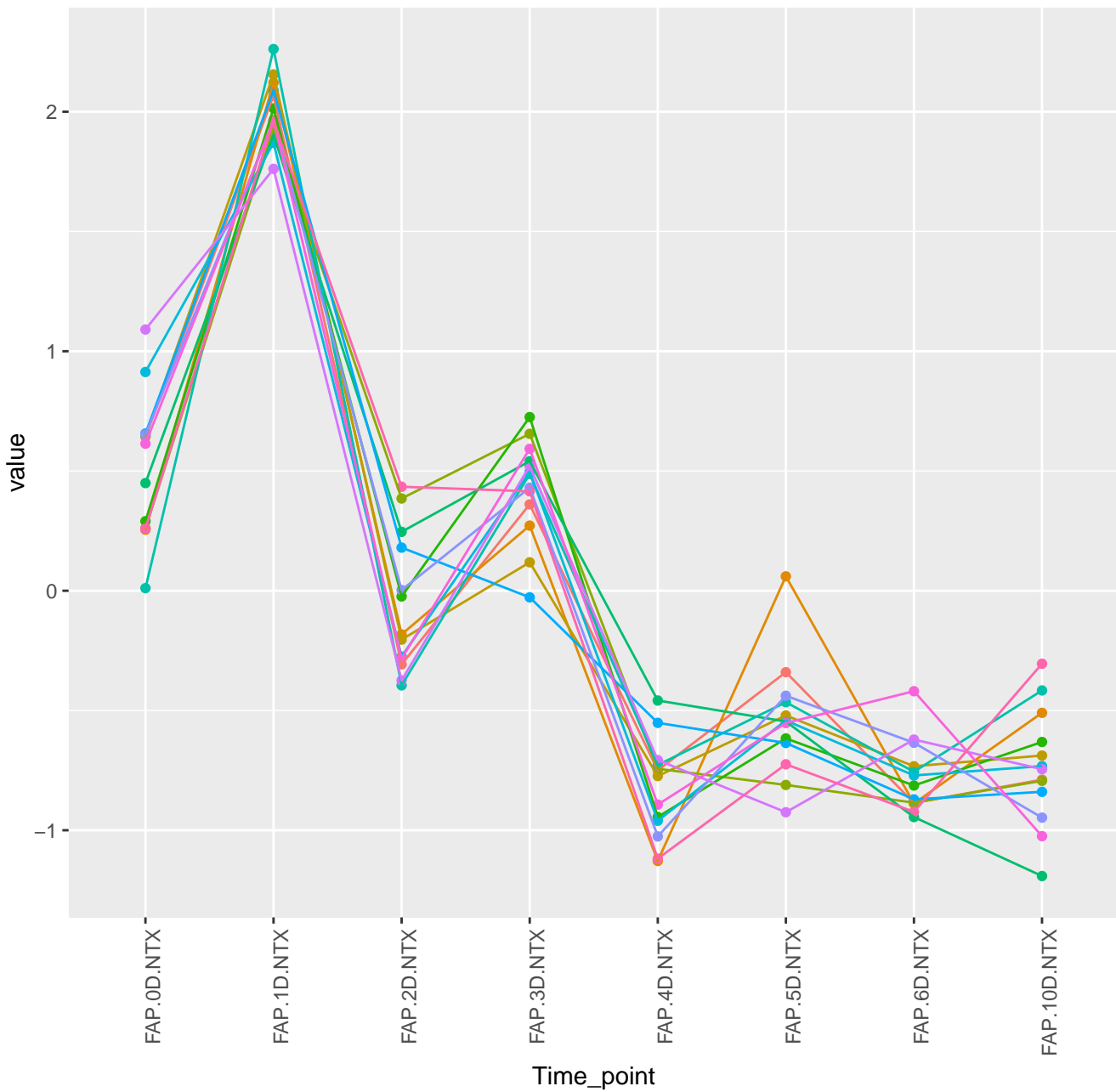
27 genes – cluster 163



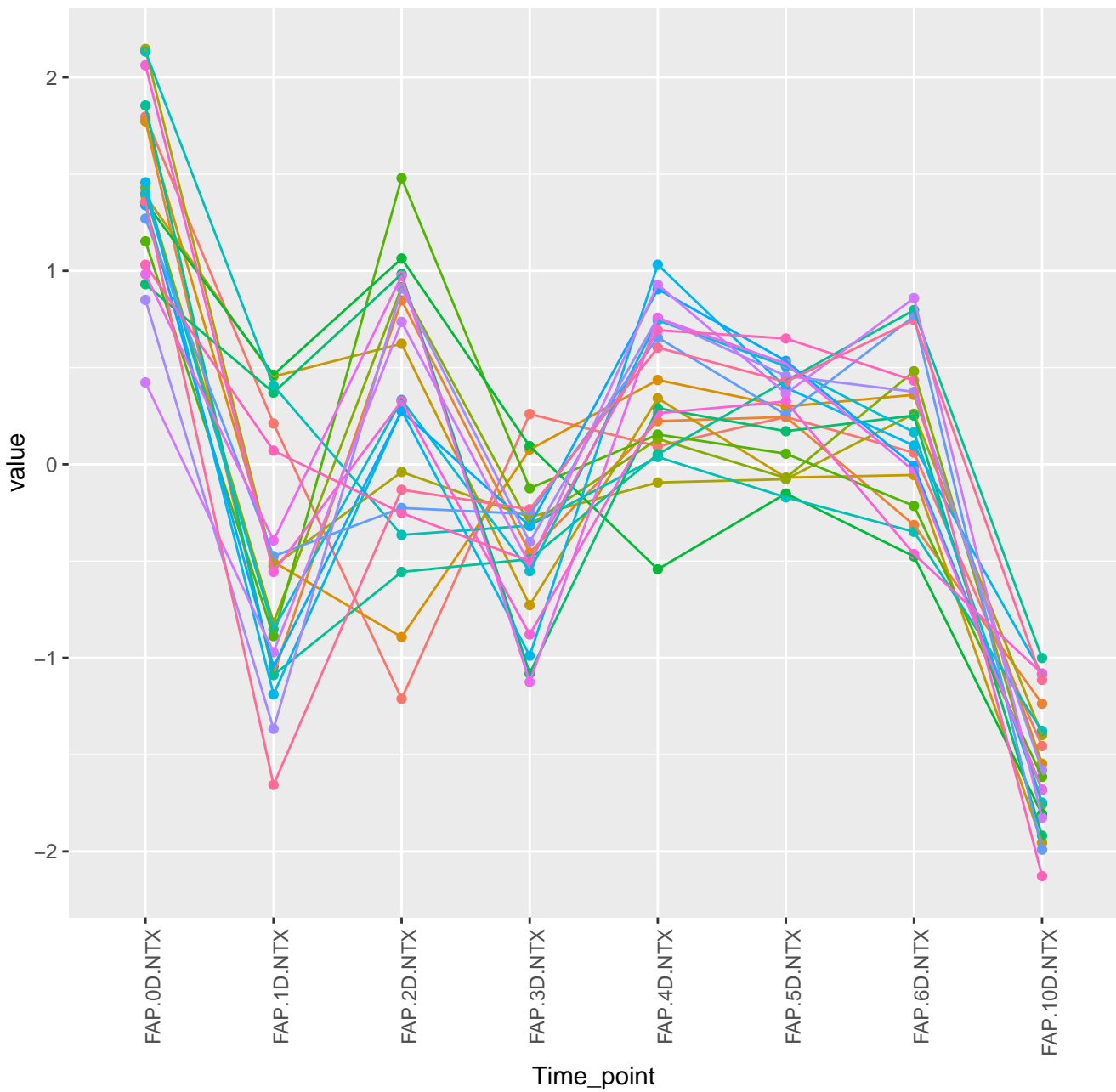
12 genes – cluster 164



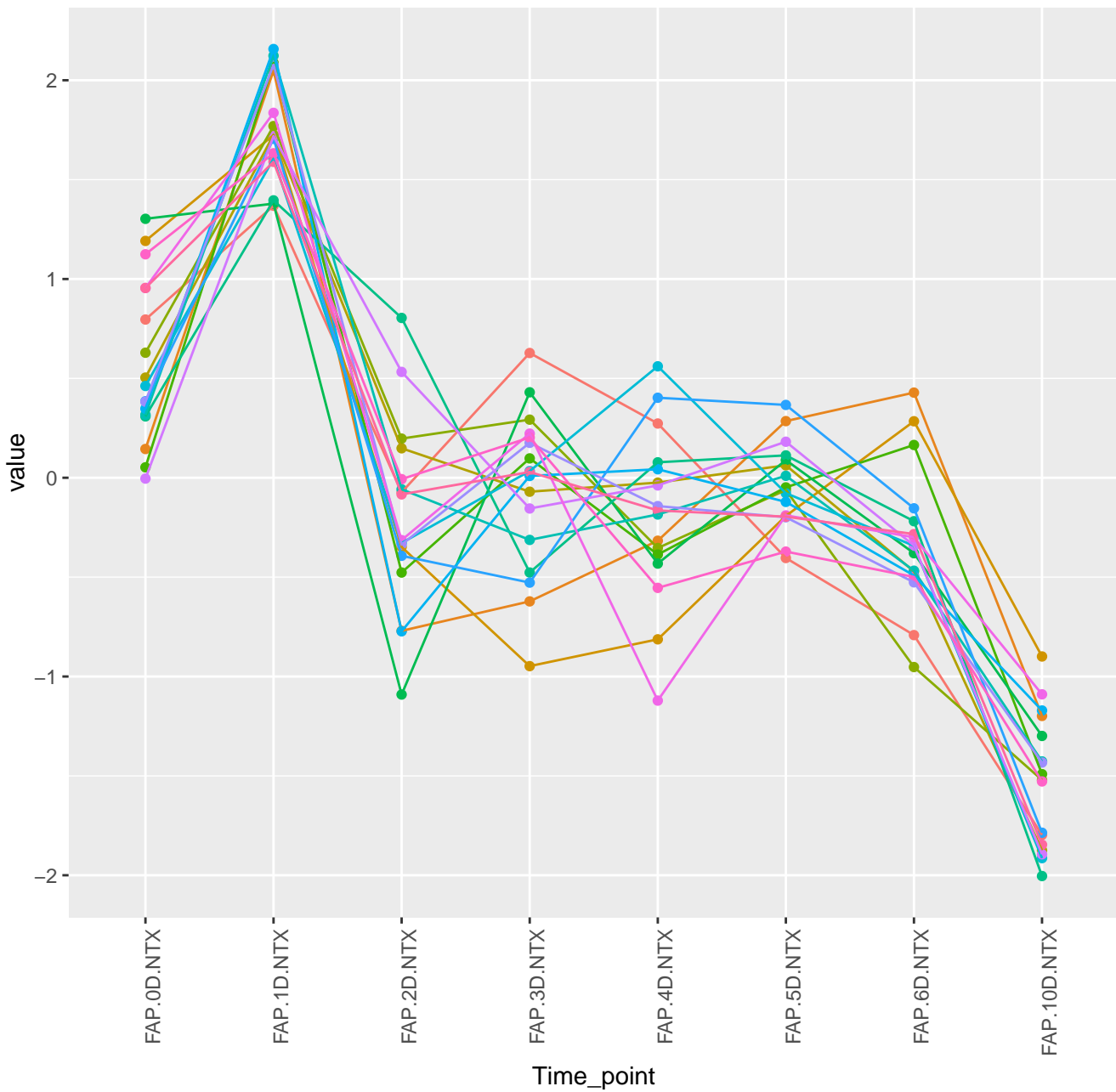
13 genes – cluster 165



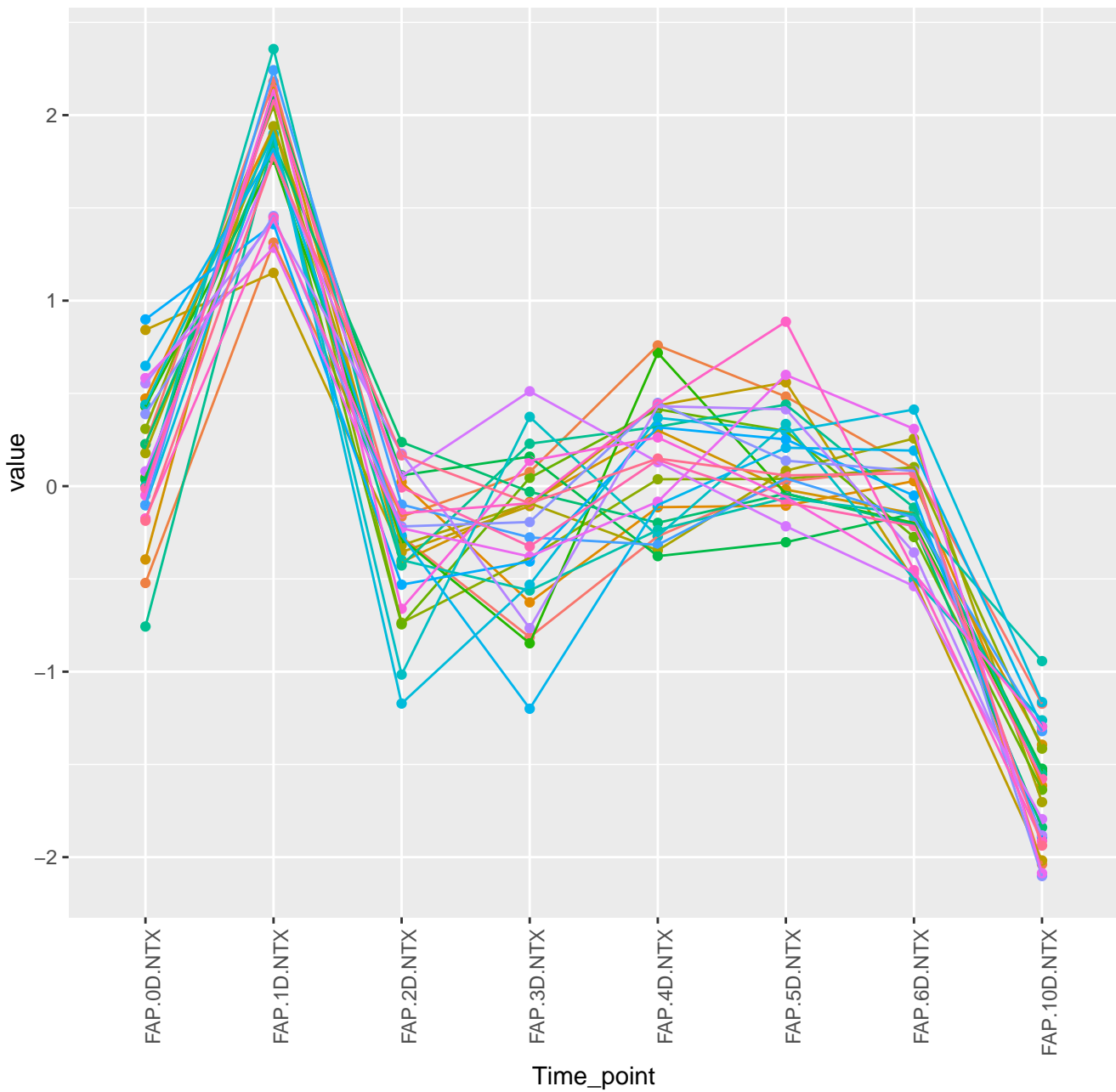
21 genes – cluster 166



17 genes – cluster 167

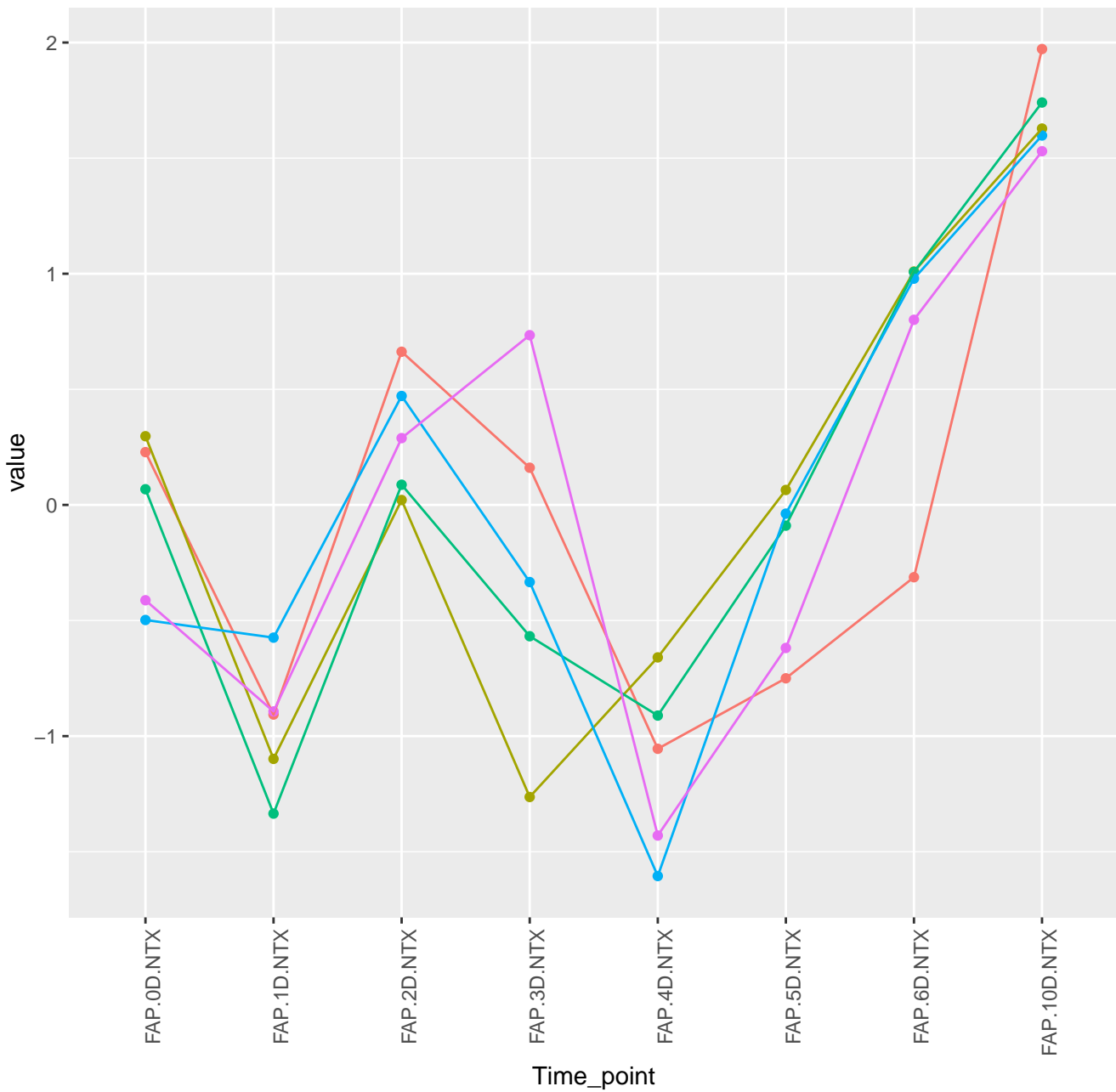


26 genes – cluster 168

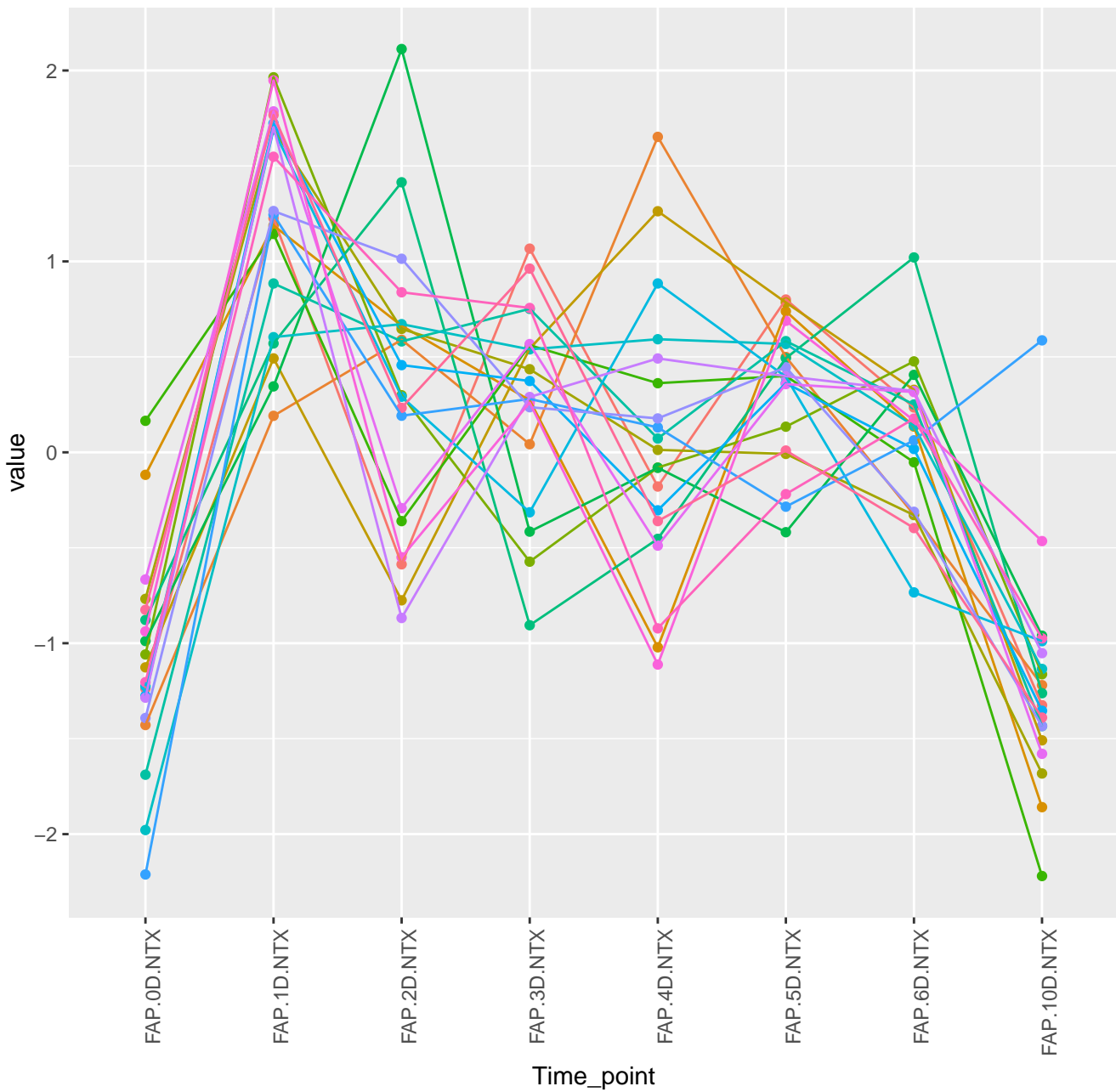




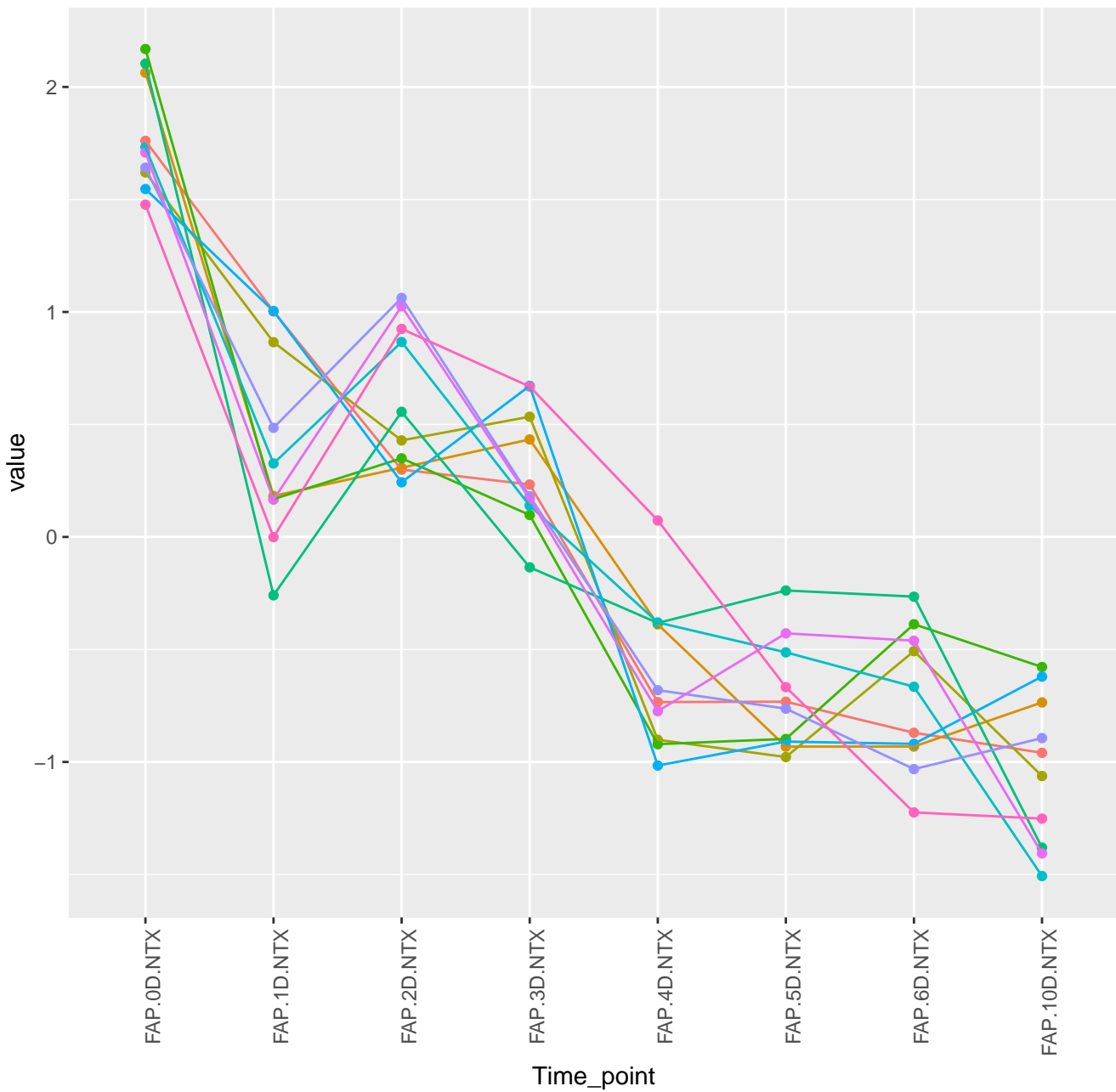
5 genes – cluster 169



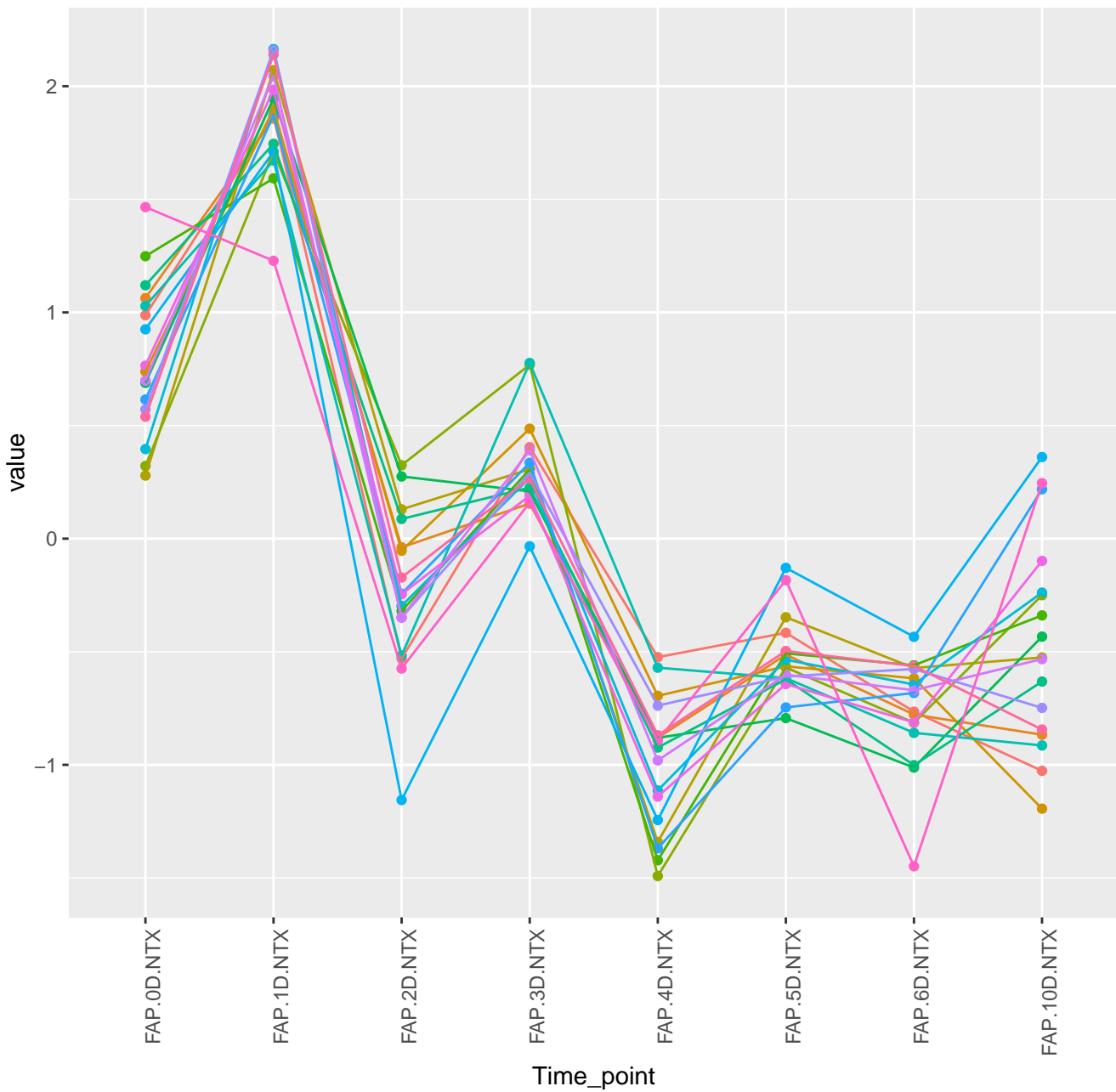
20 genes – cluster 170



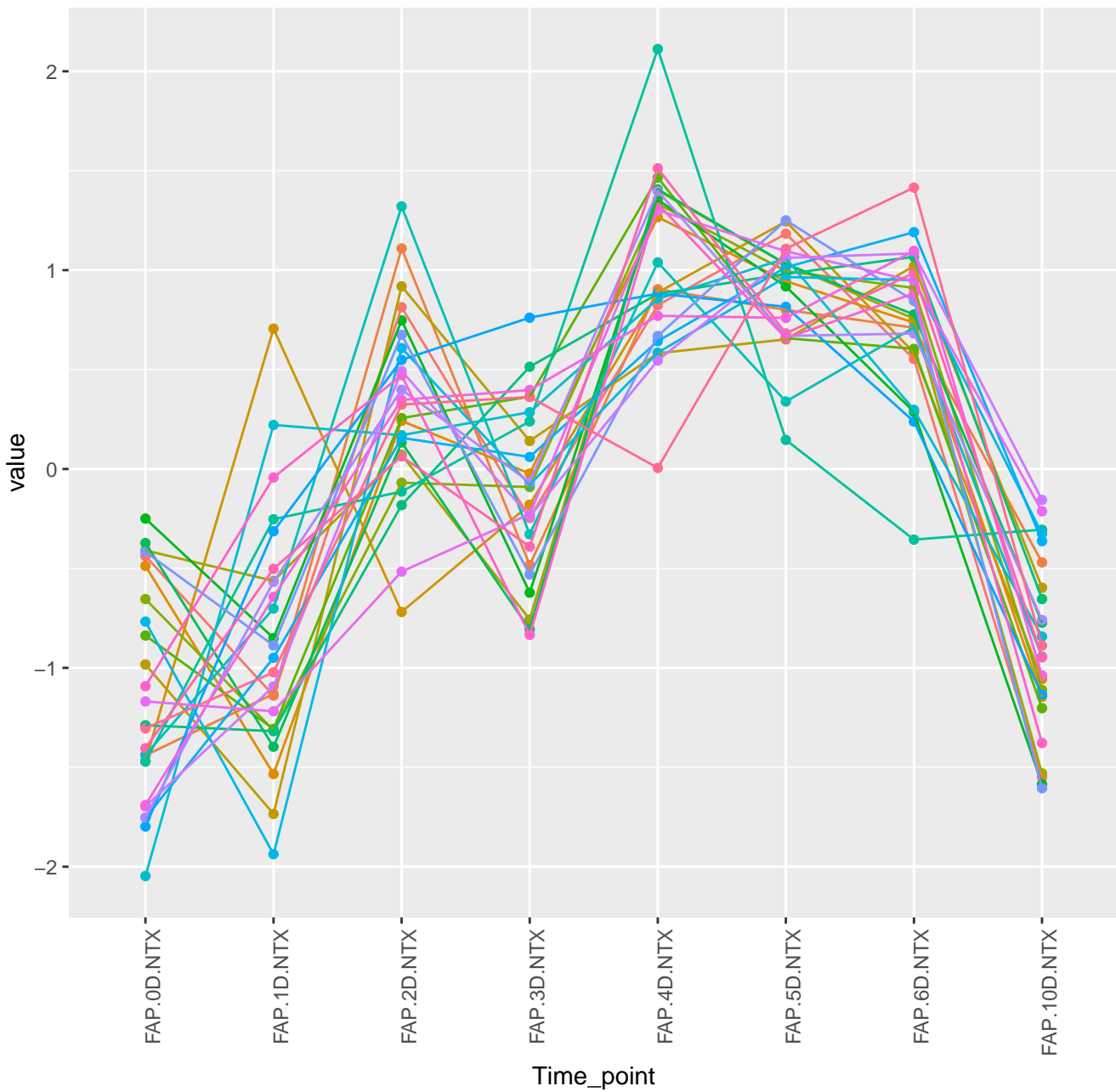
10 genes – cluster 171



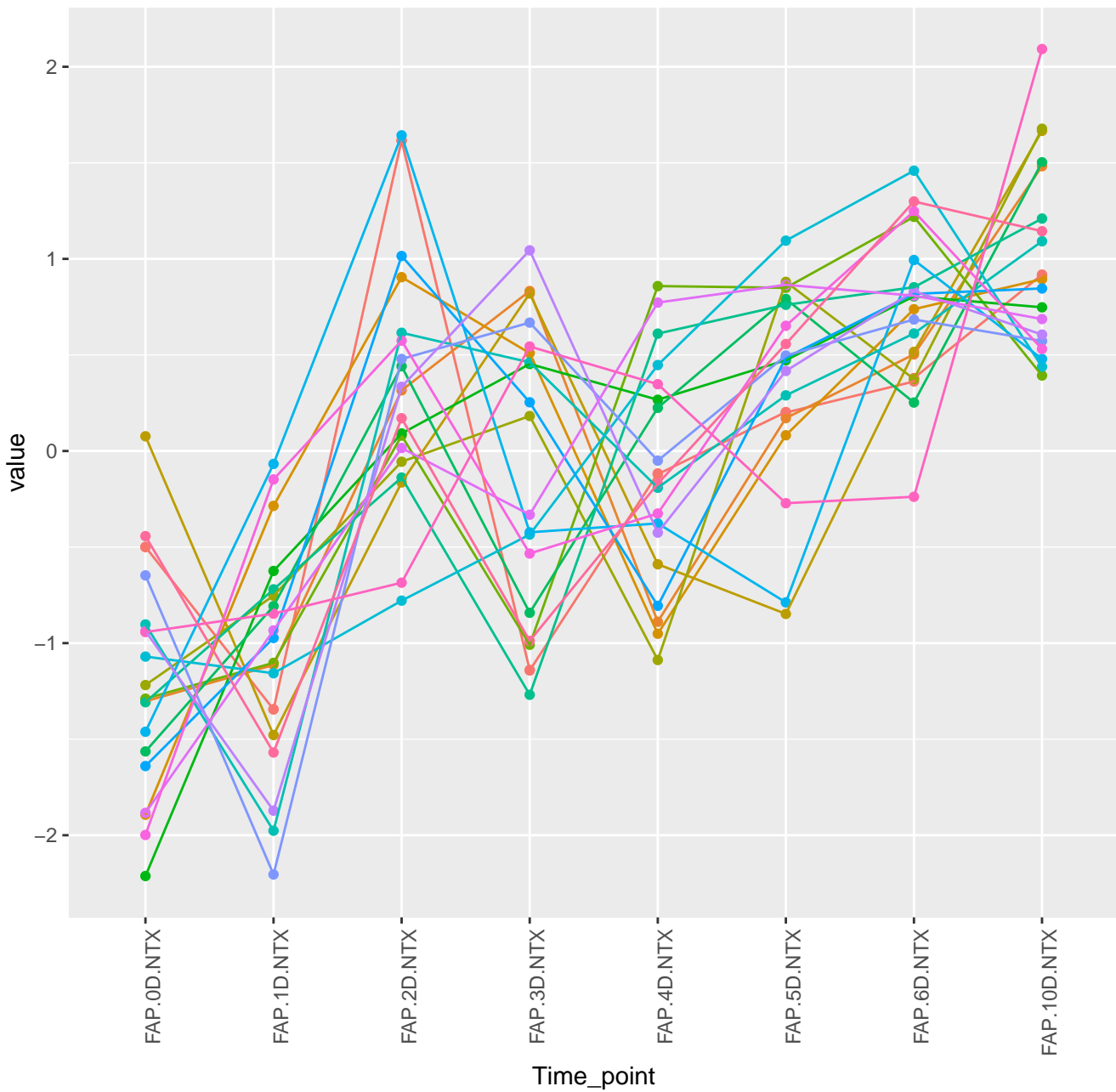
17 genes – cluster 172



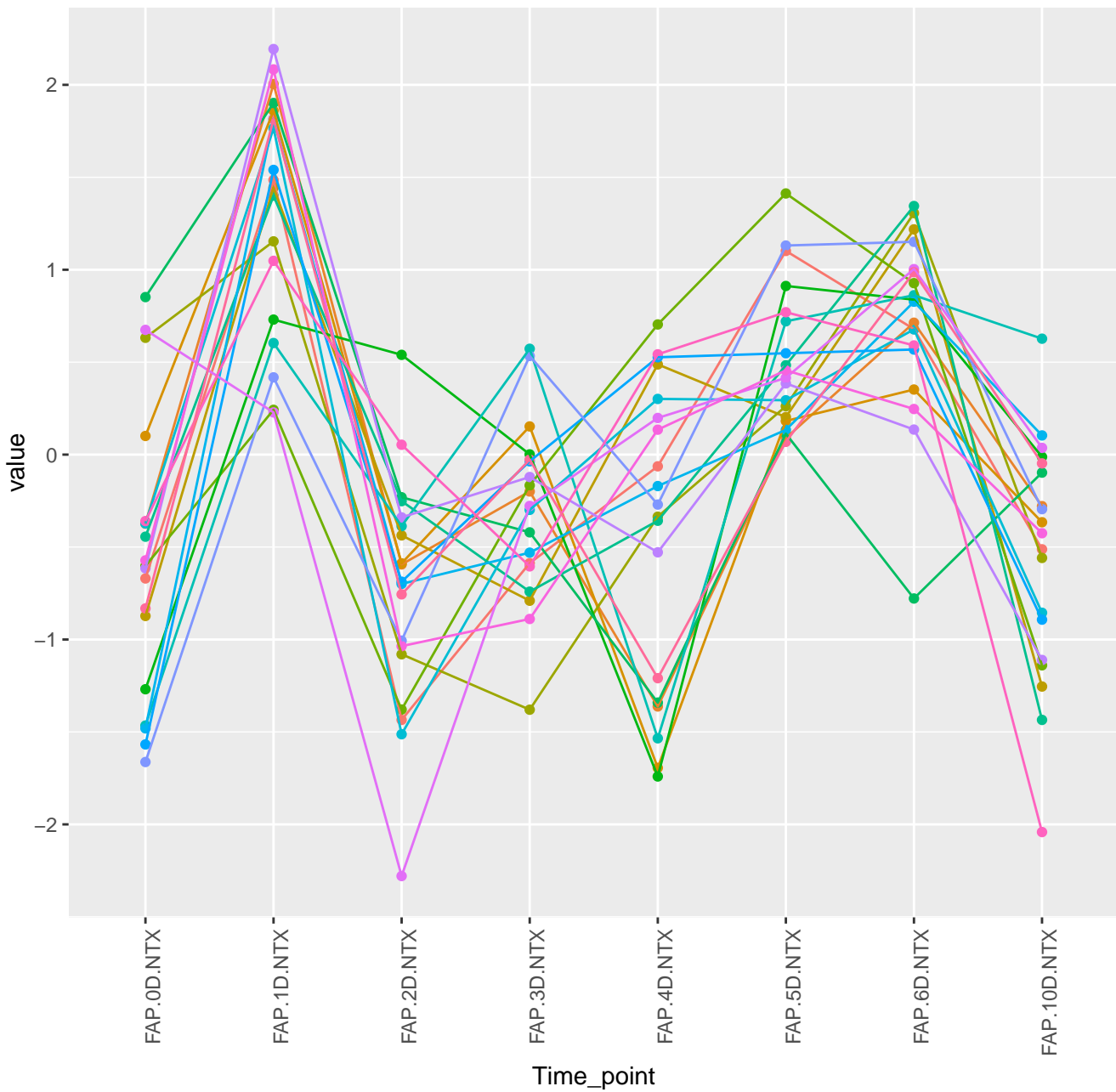
25 genes – cluster 173



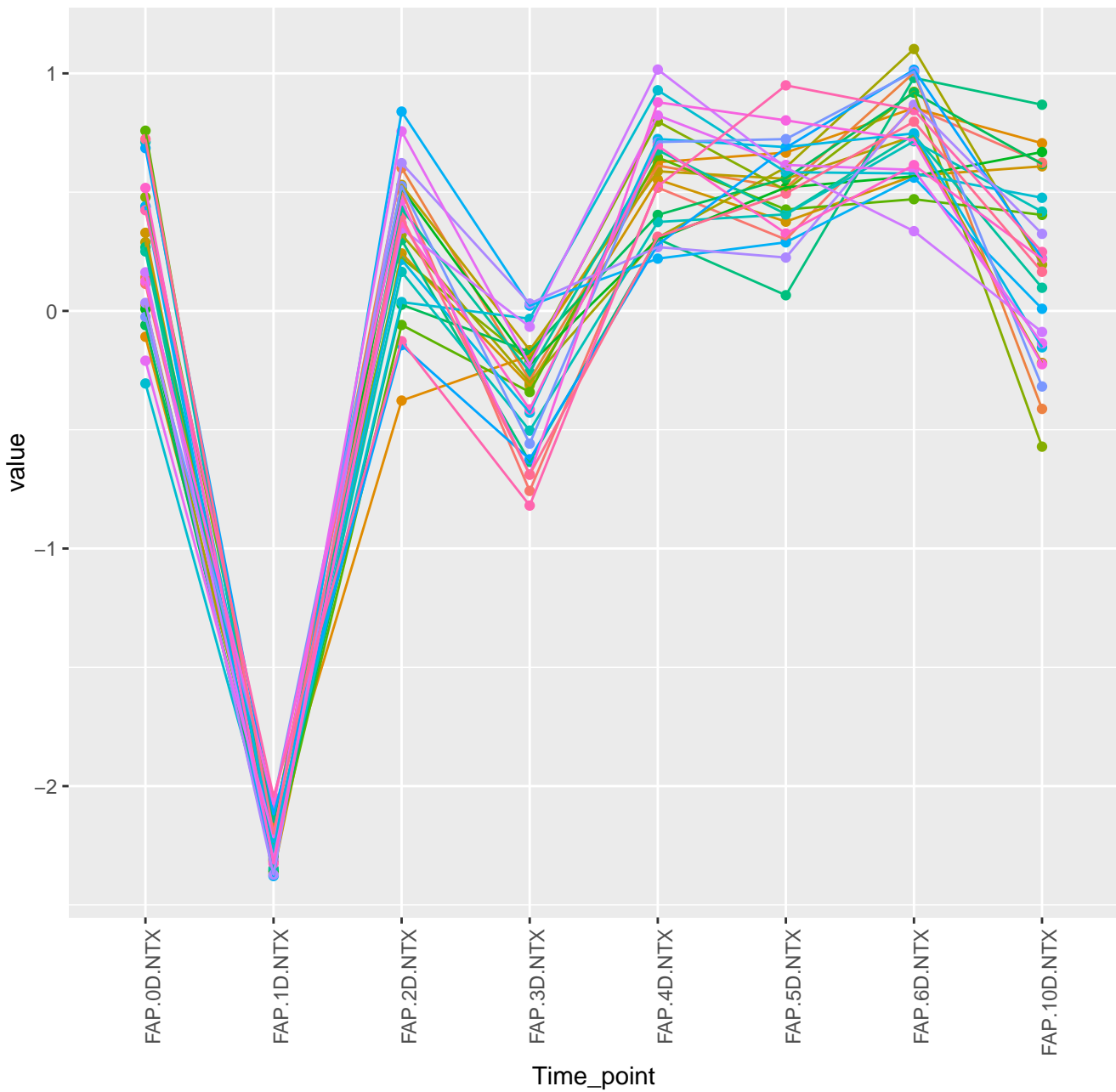
20 genes – cluster 174



19 genes – cluster 175

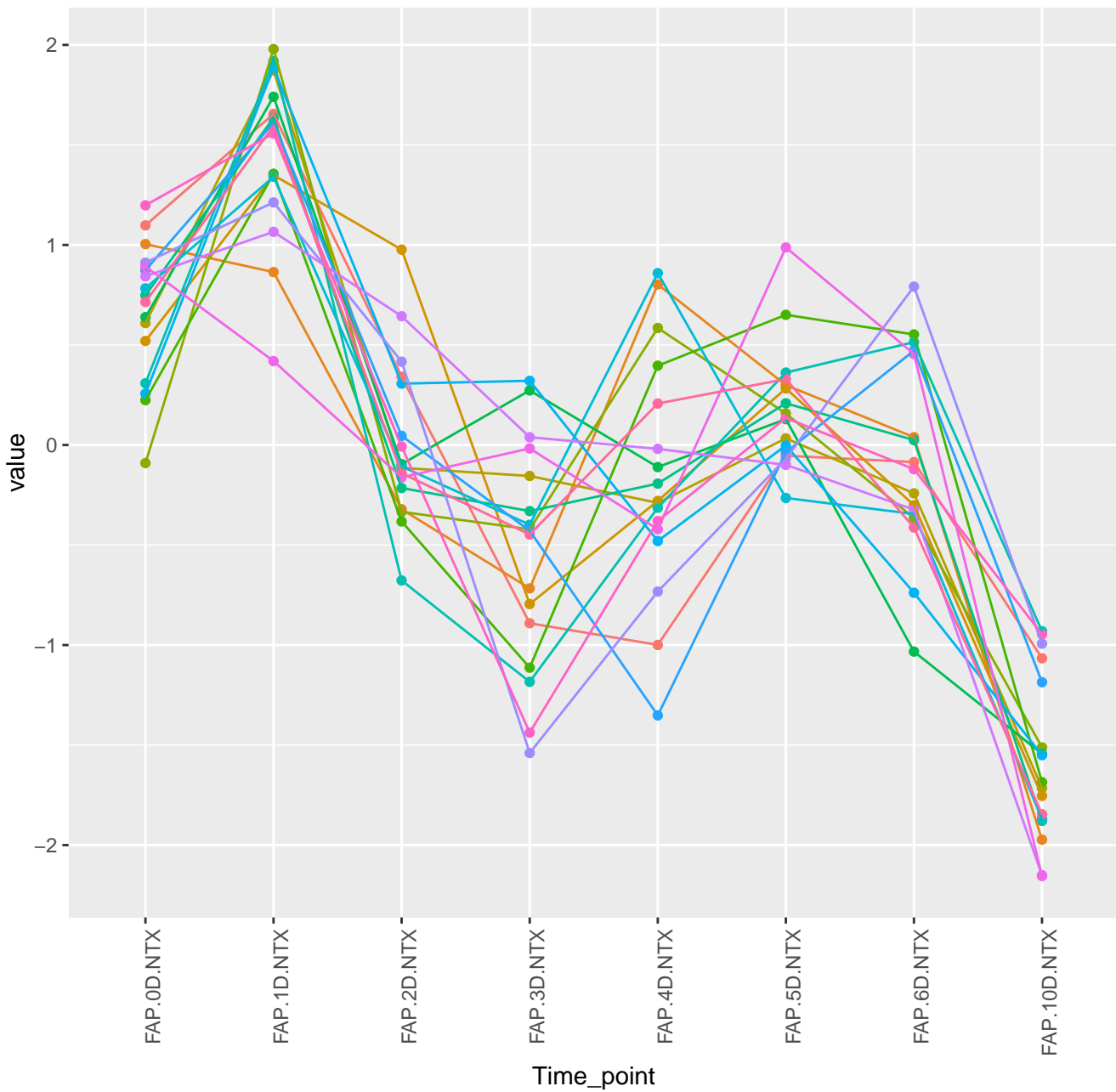


25 genes – cluster 176

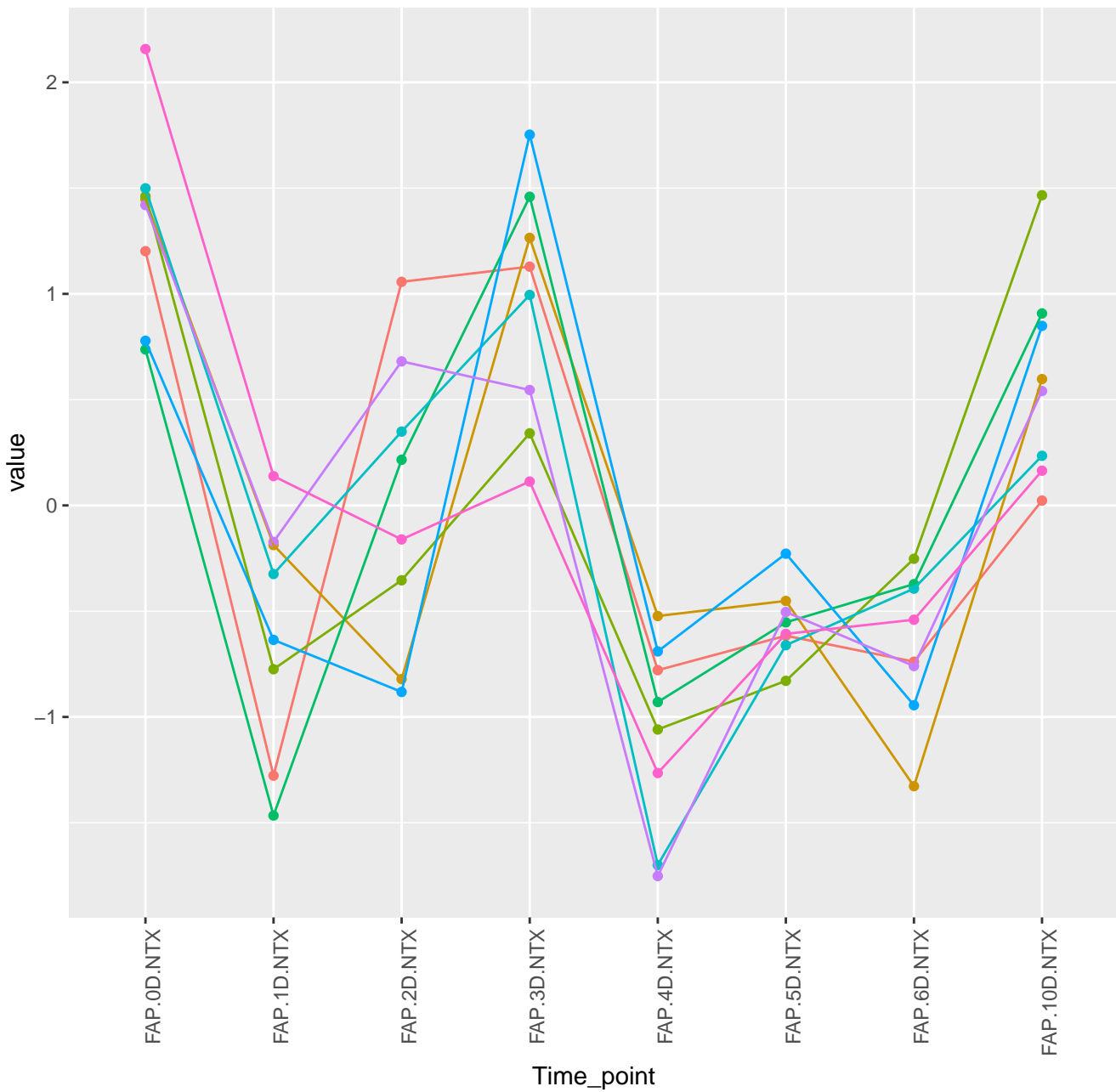




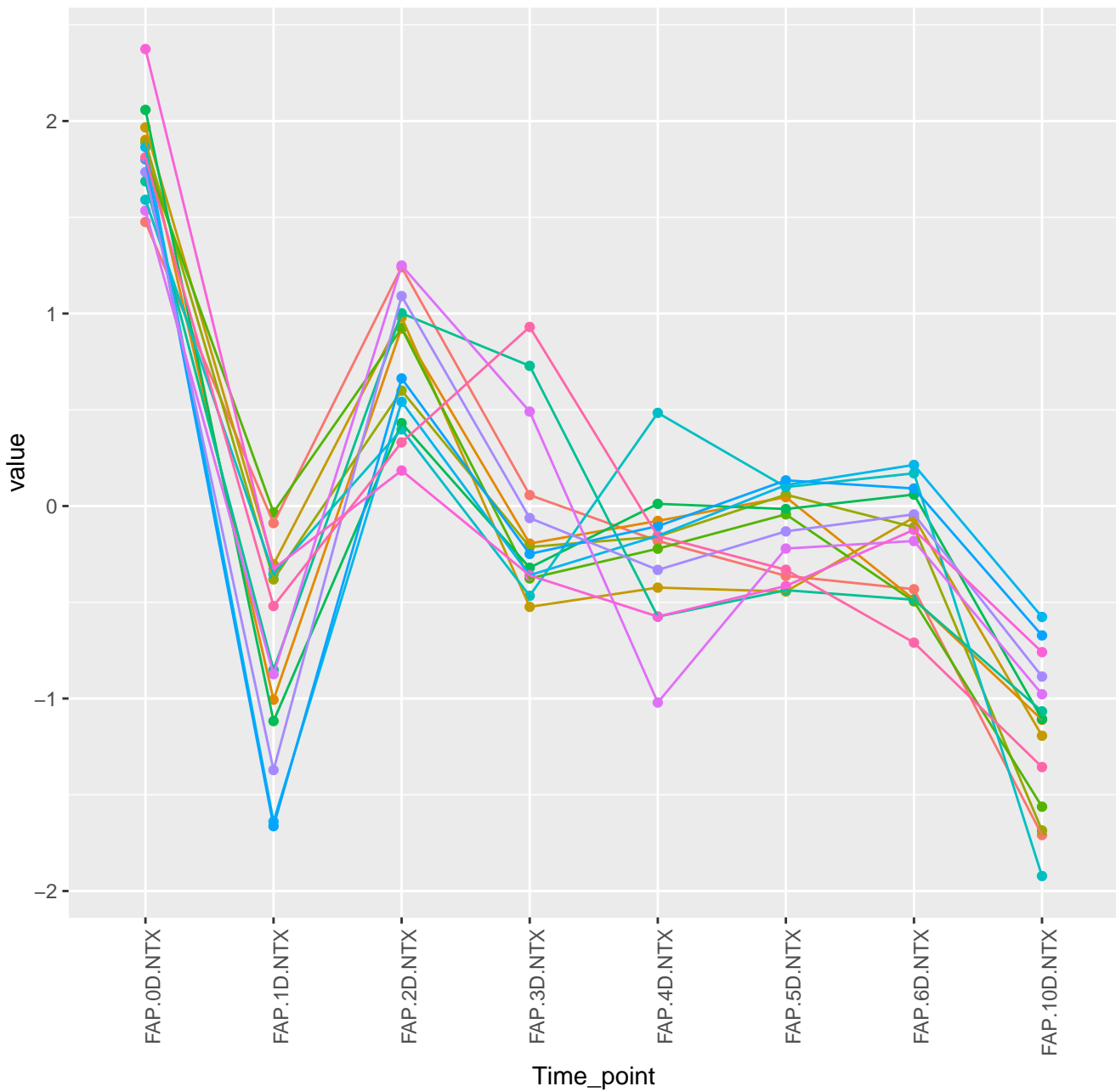
17 genes – cluster 177



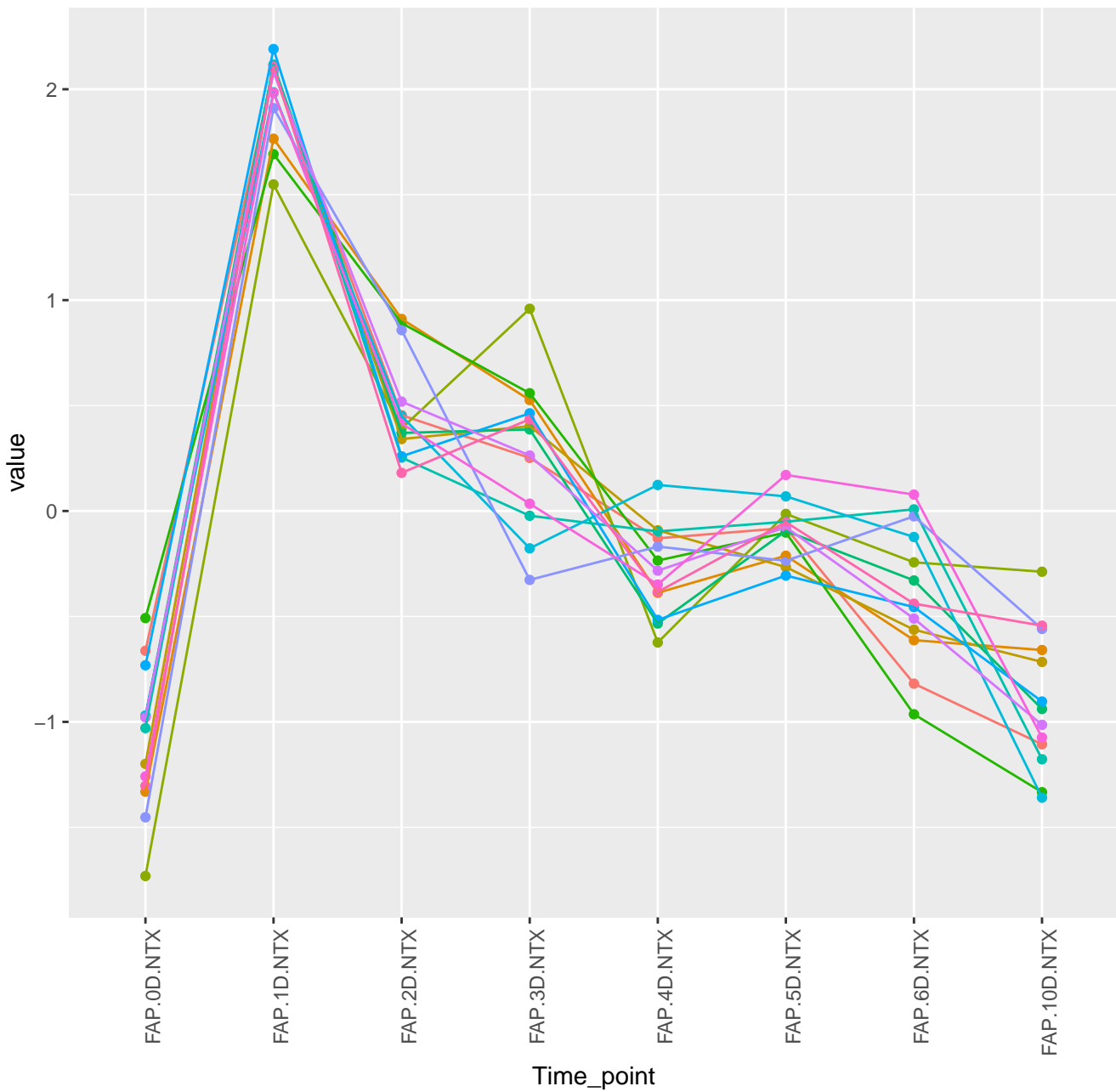
8 genes – cluster 178



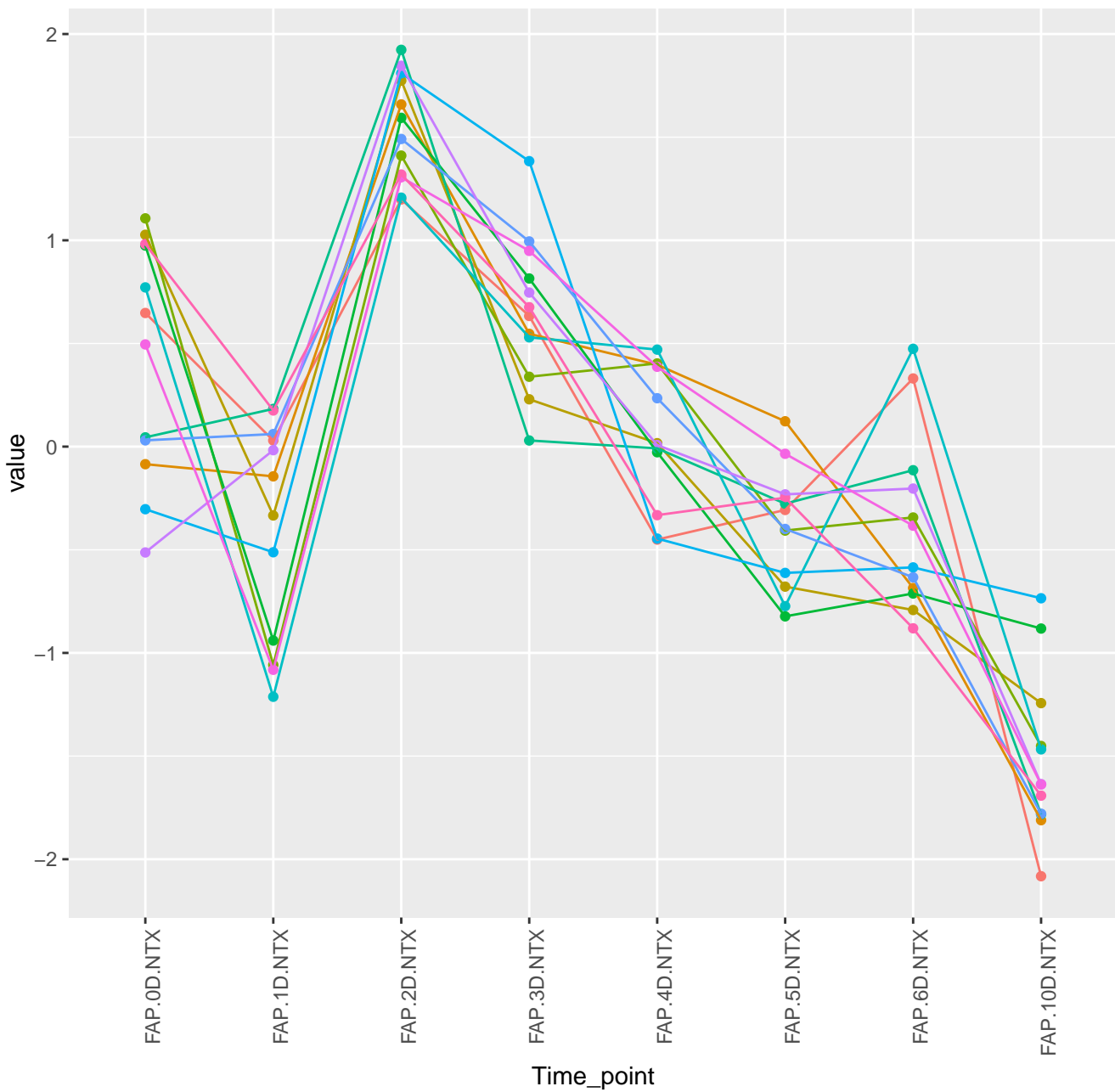
14 genes – cluster 179



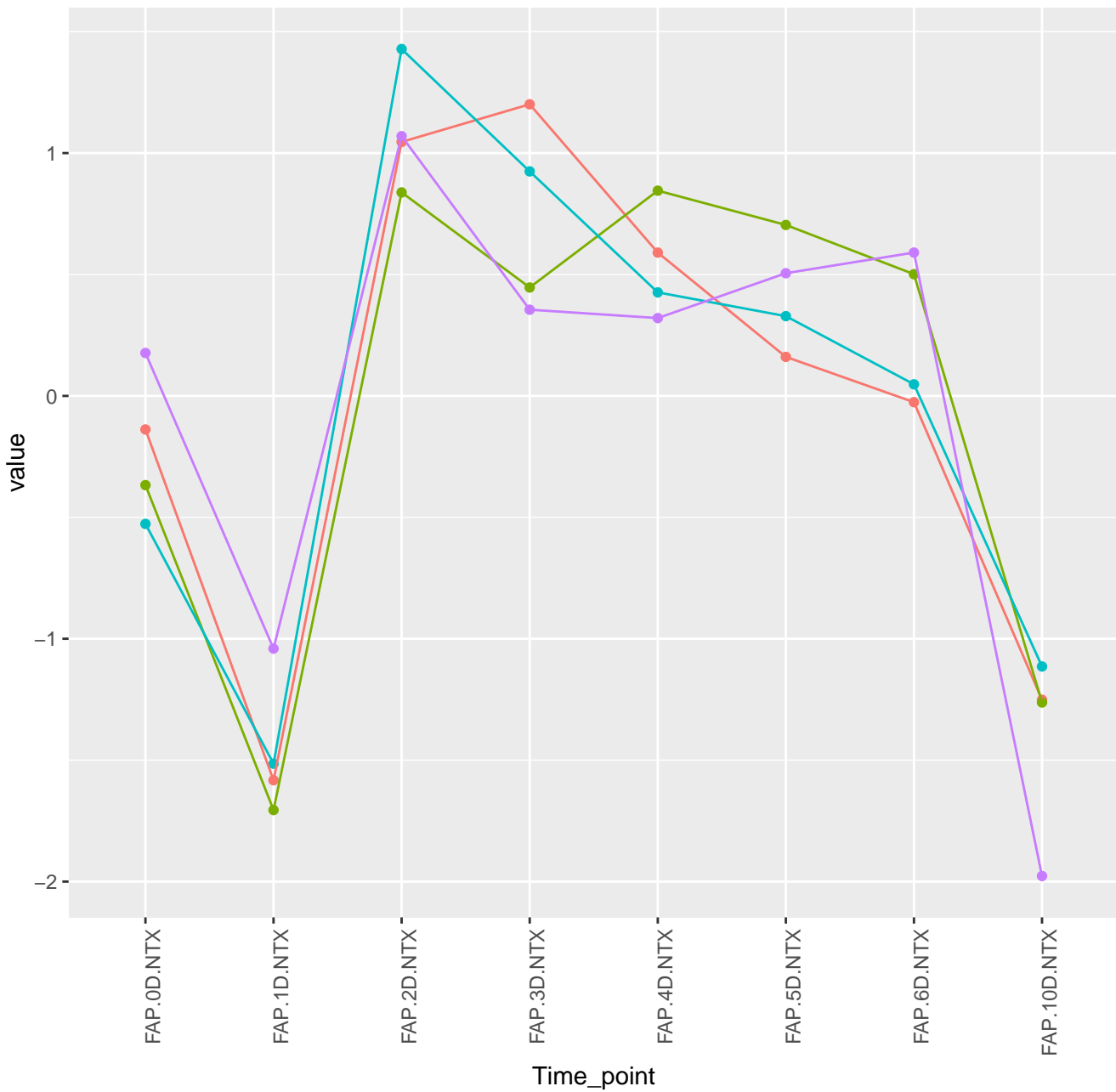
13 genes – cluster 180



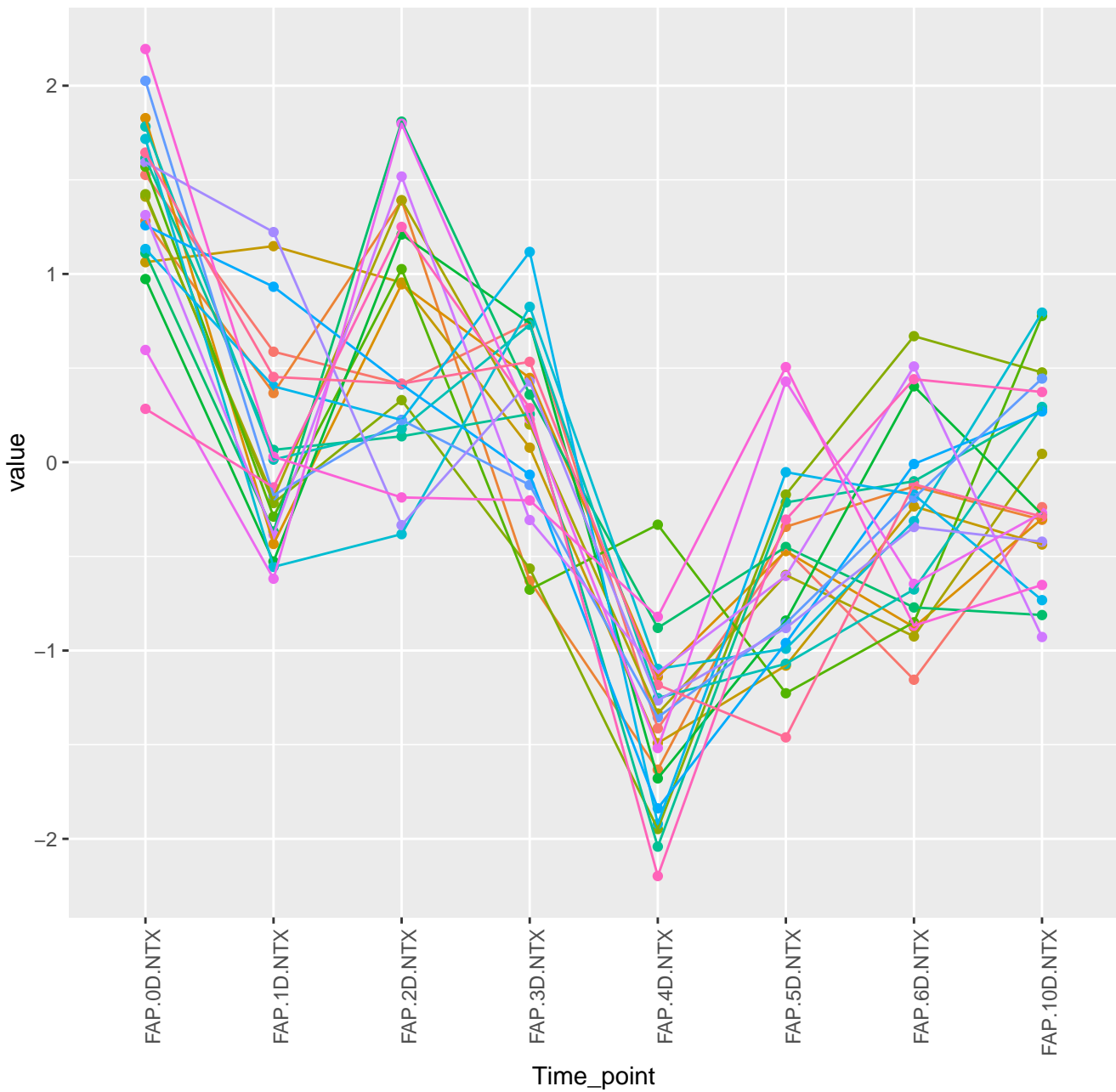
12 genes – cluster 181



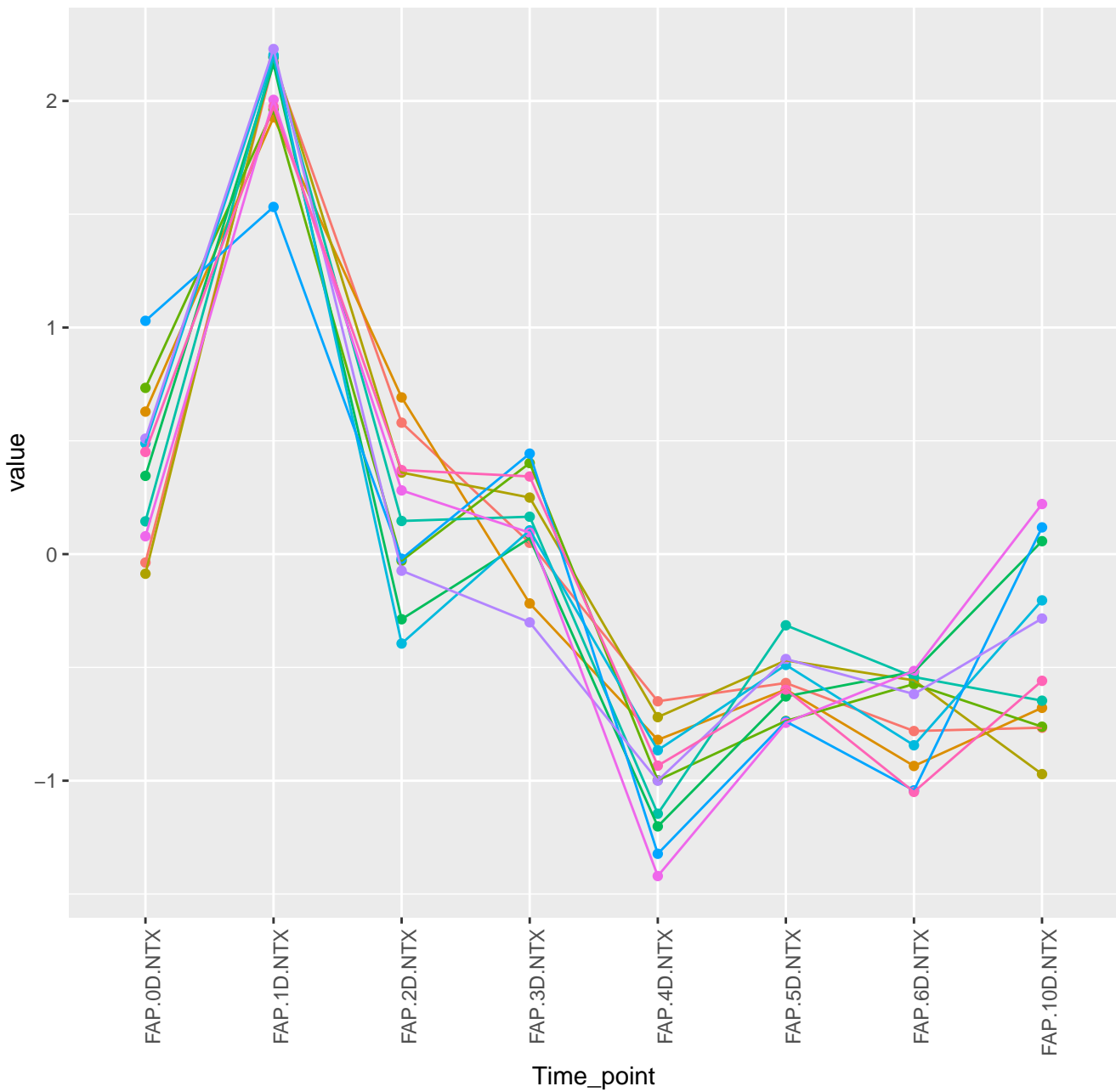
4 genes – cluster 182



21 genes – cluster 183

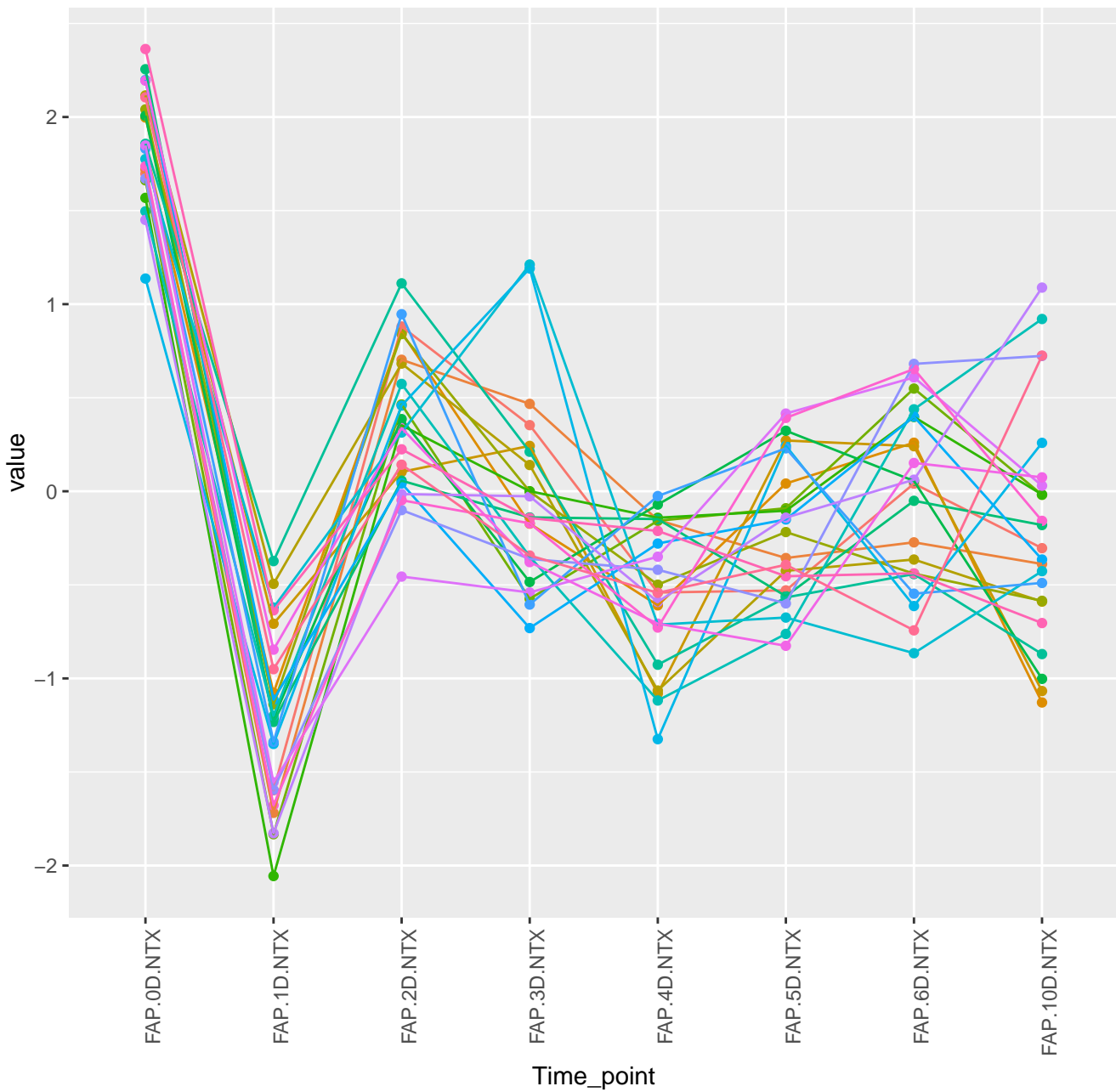


11 genes – cluster 184

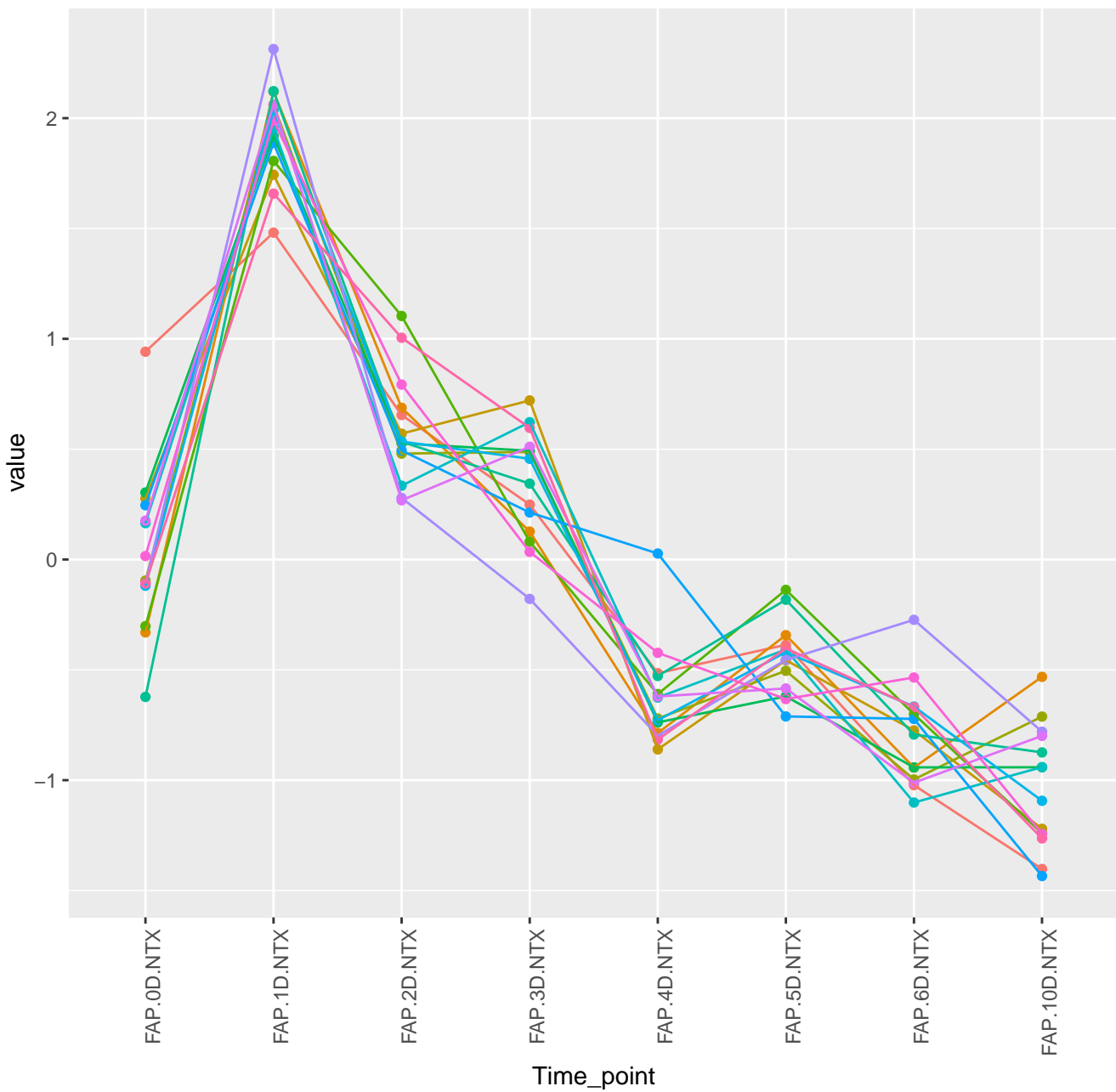




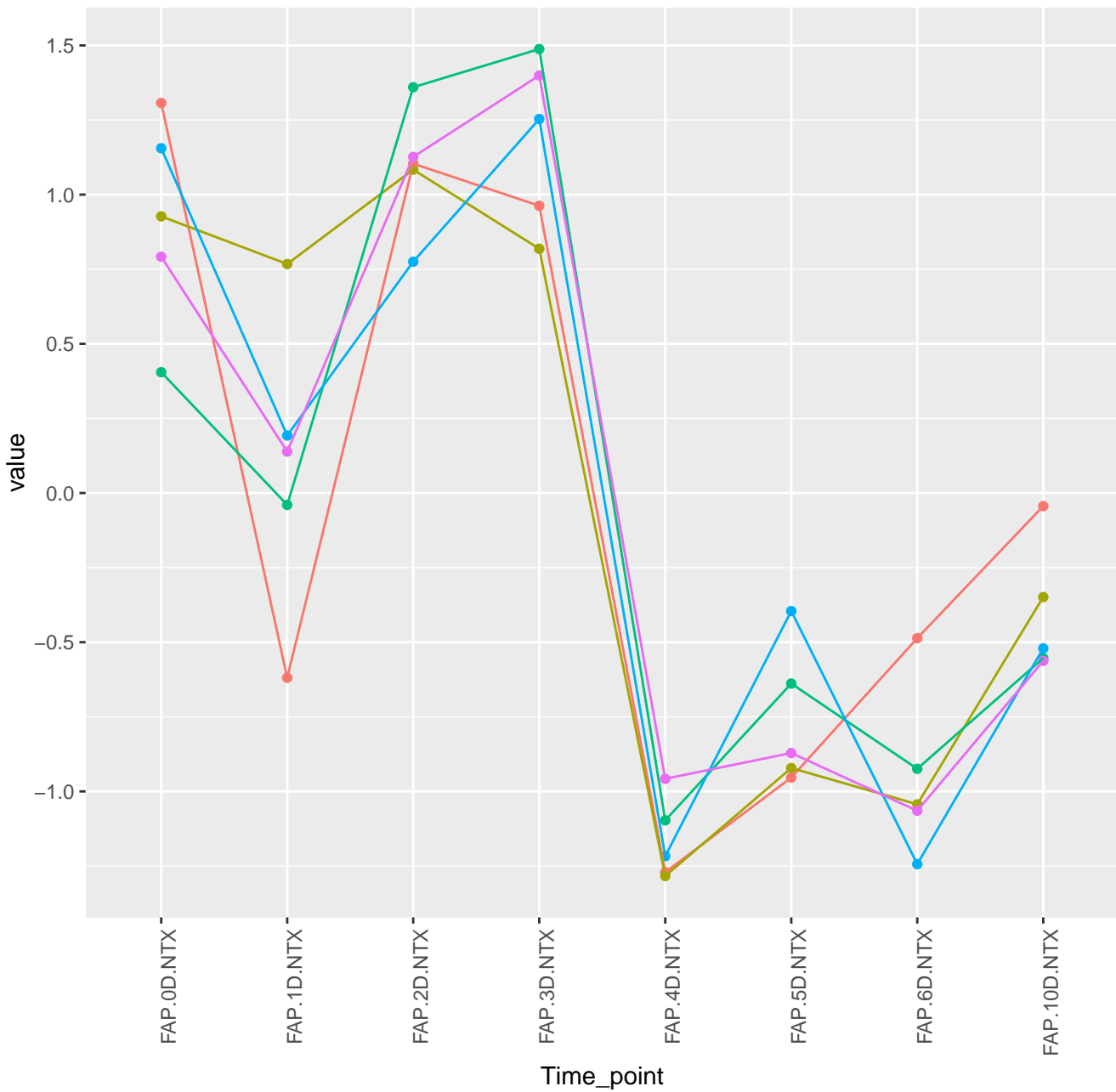
23 genes – cluster 185



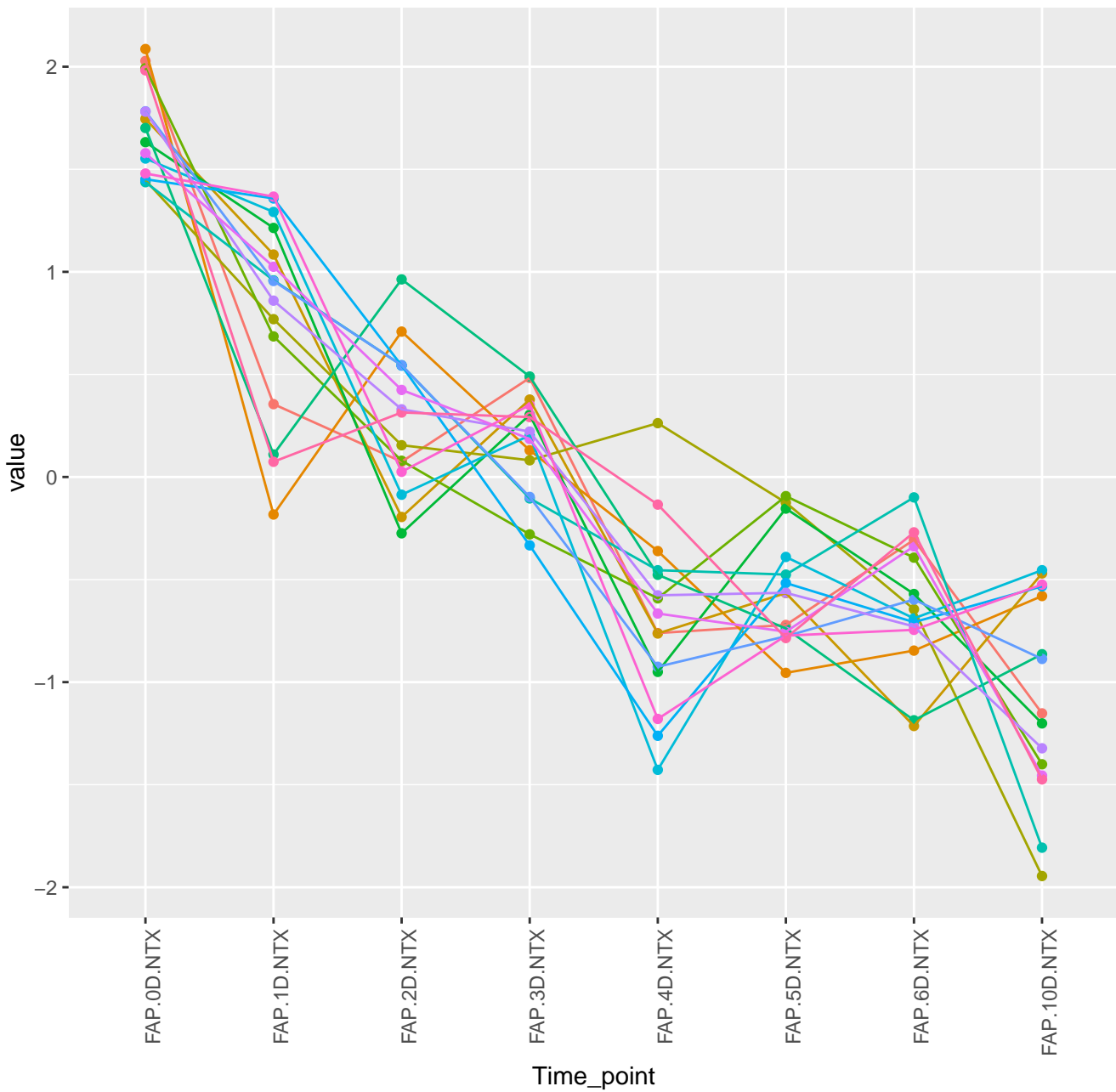
14 genes – cluster 186



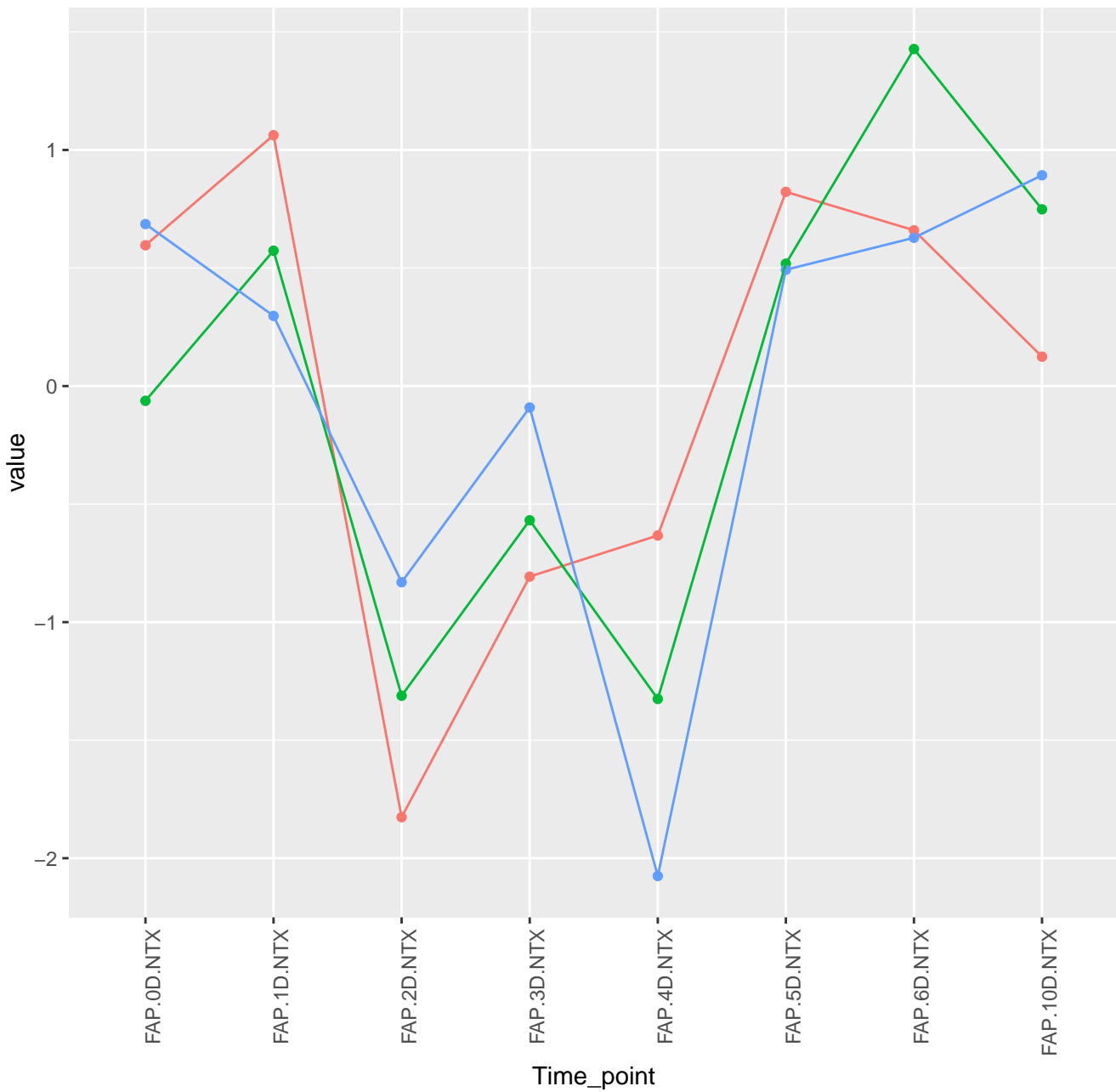
5 genes – cluster 187



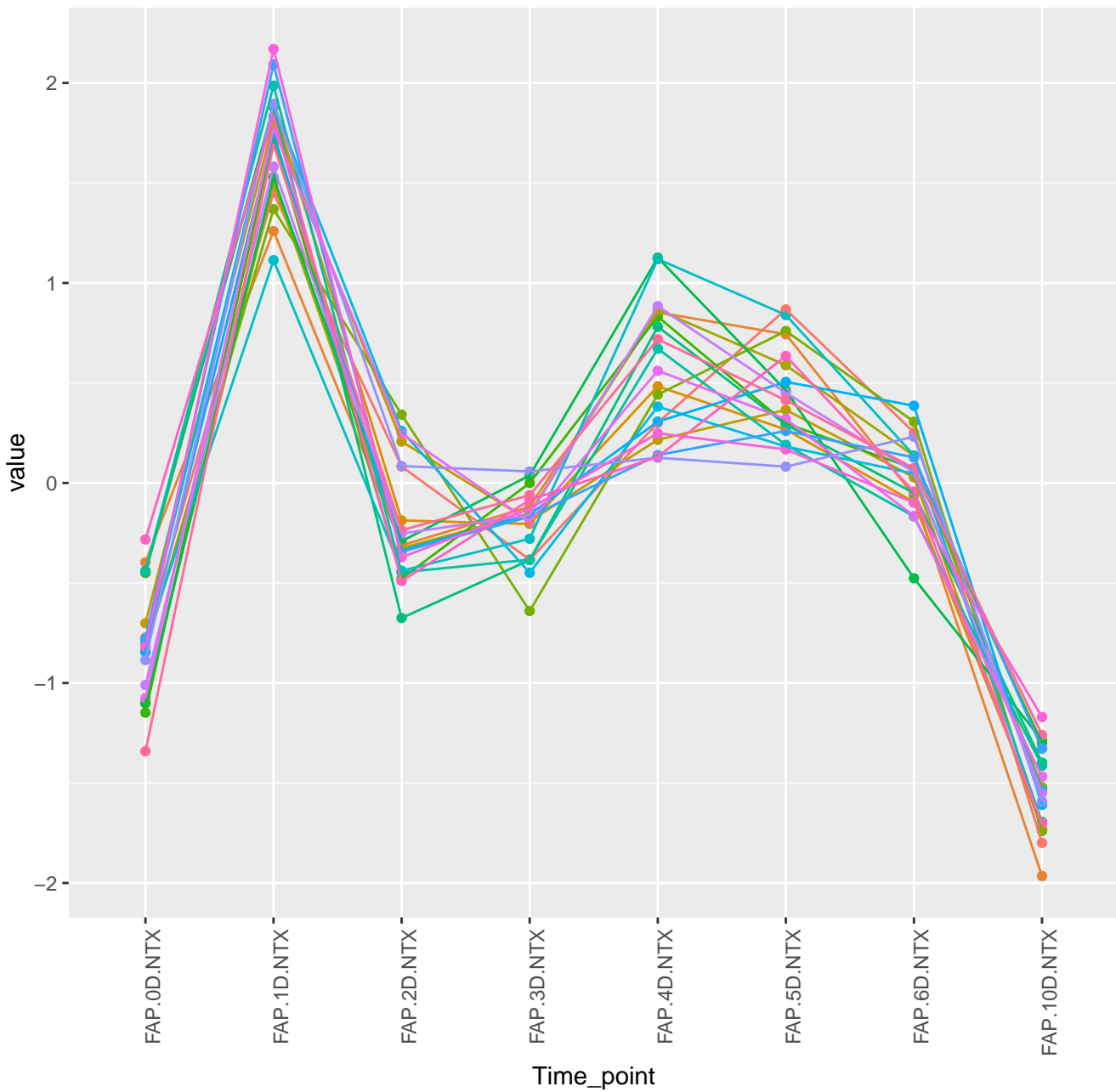
15 genes – cluster 188



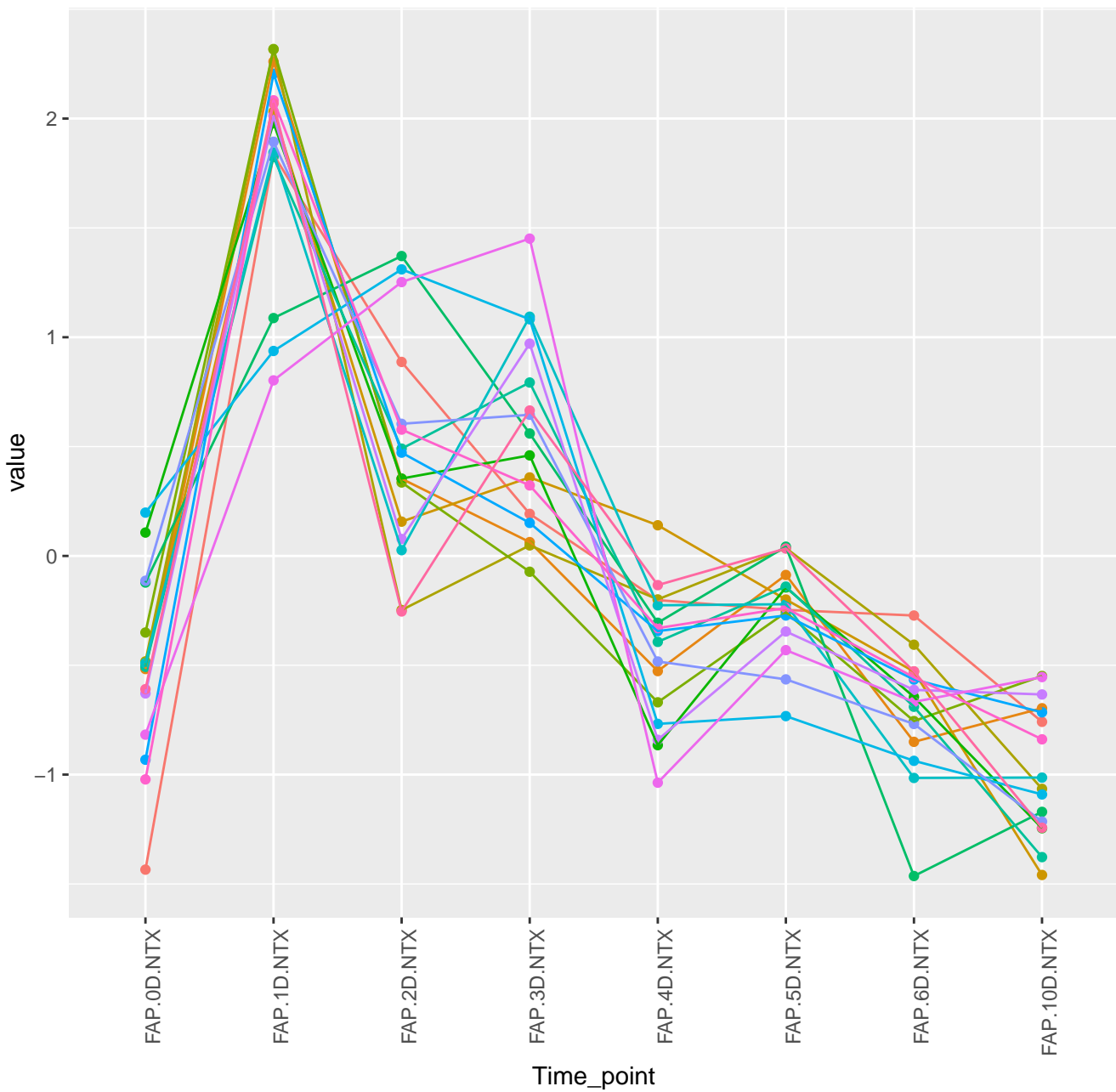
3 genes – cluster 189



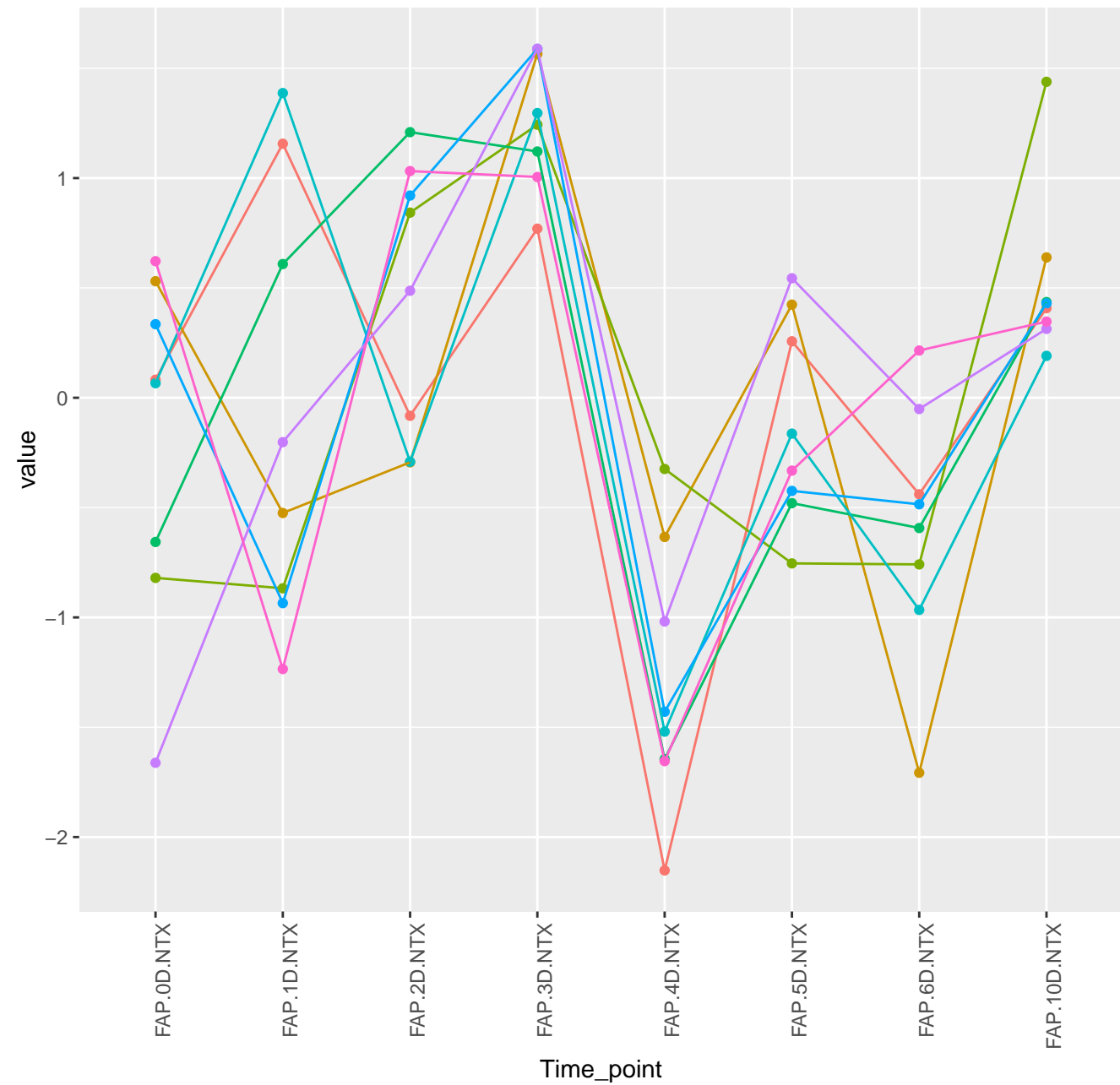
20 genes – cluster 190



16 genes – cluster 191

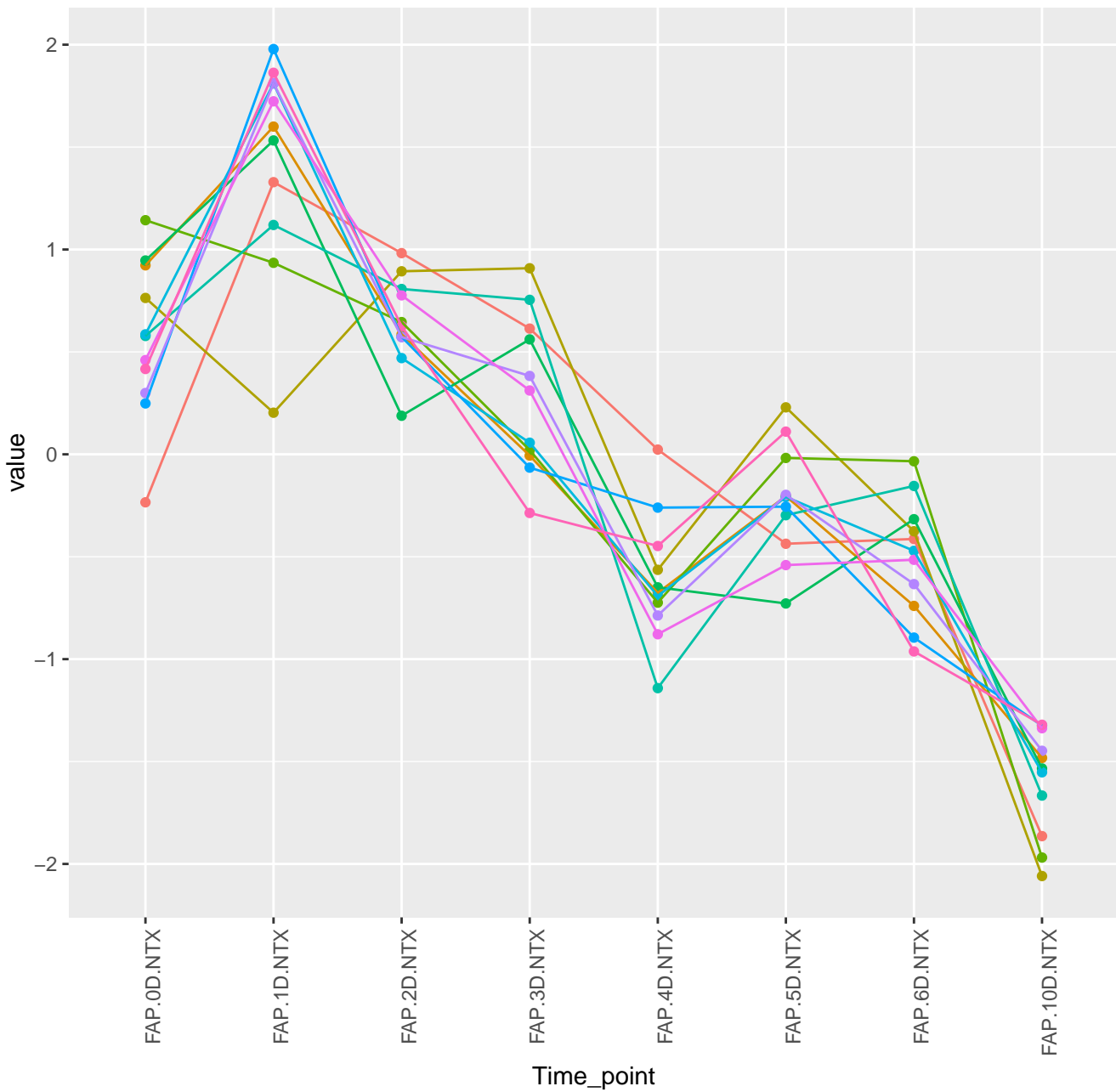


8 genes – cluster 192

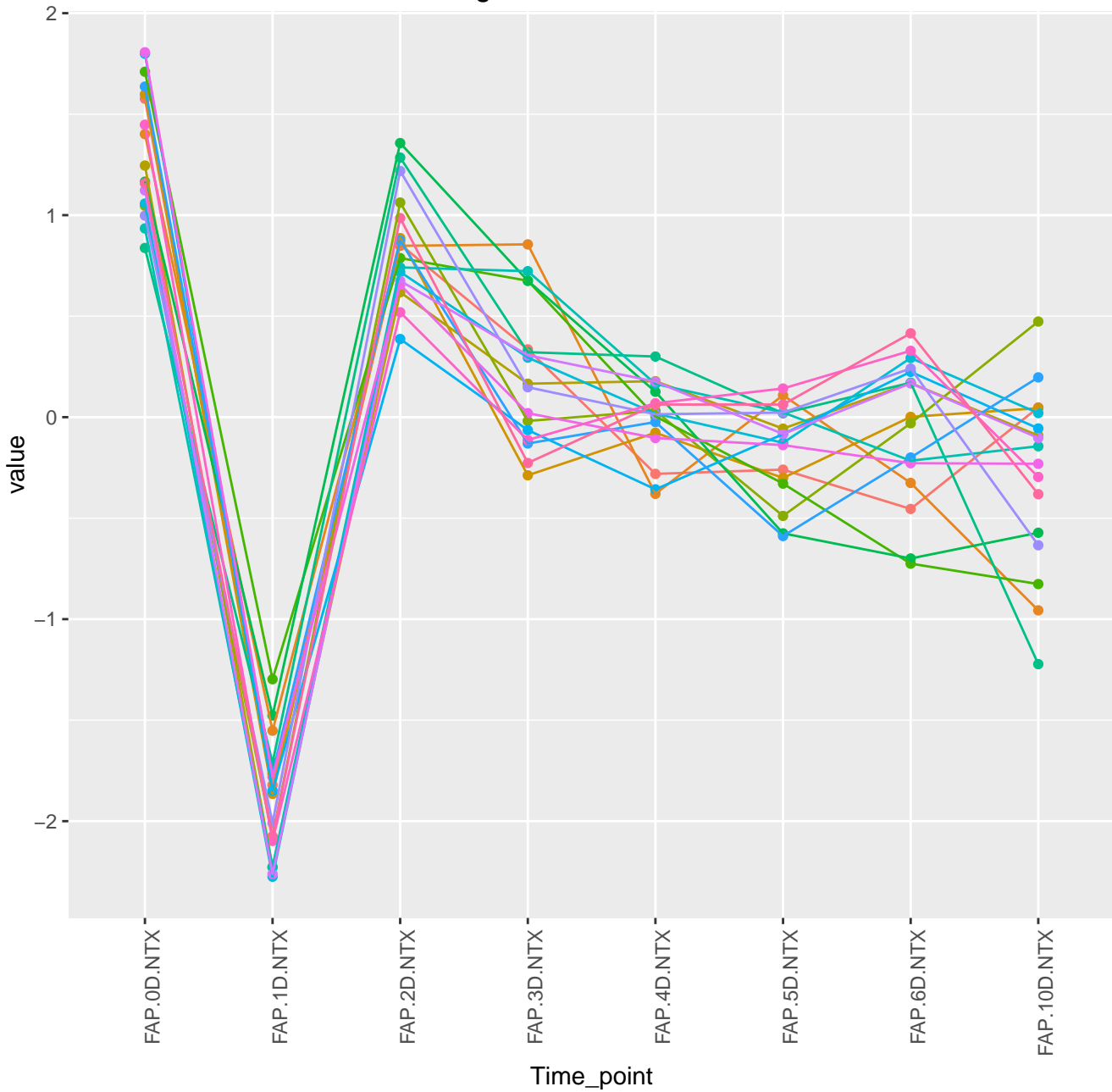




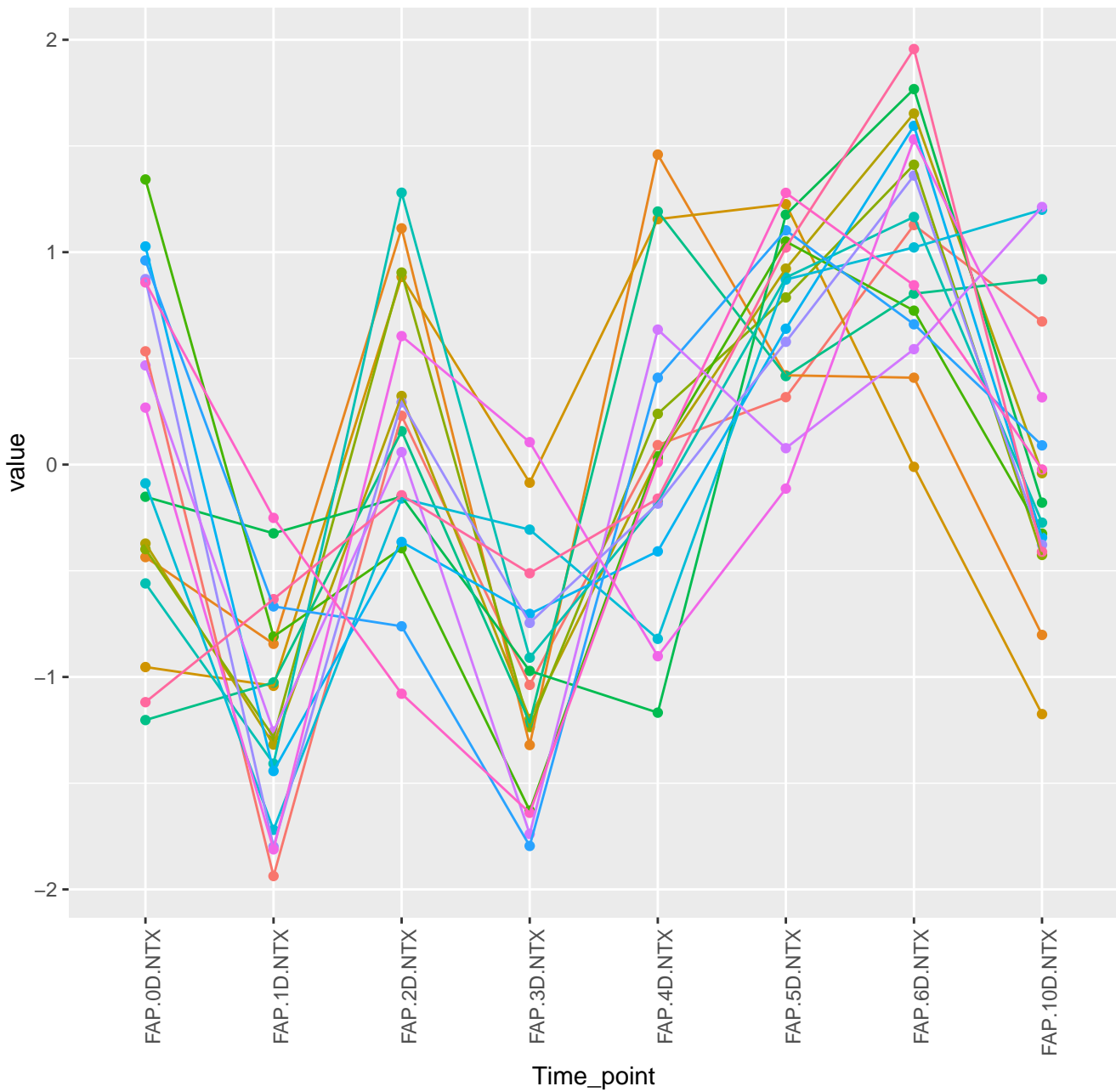
11 genes – cluster 193



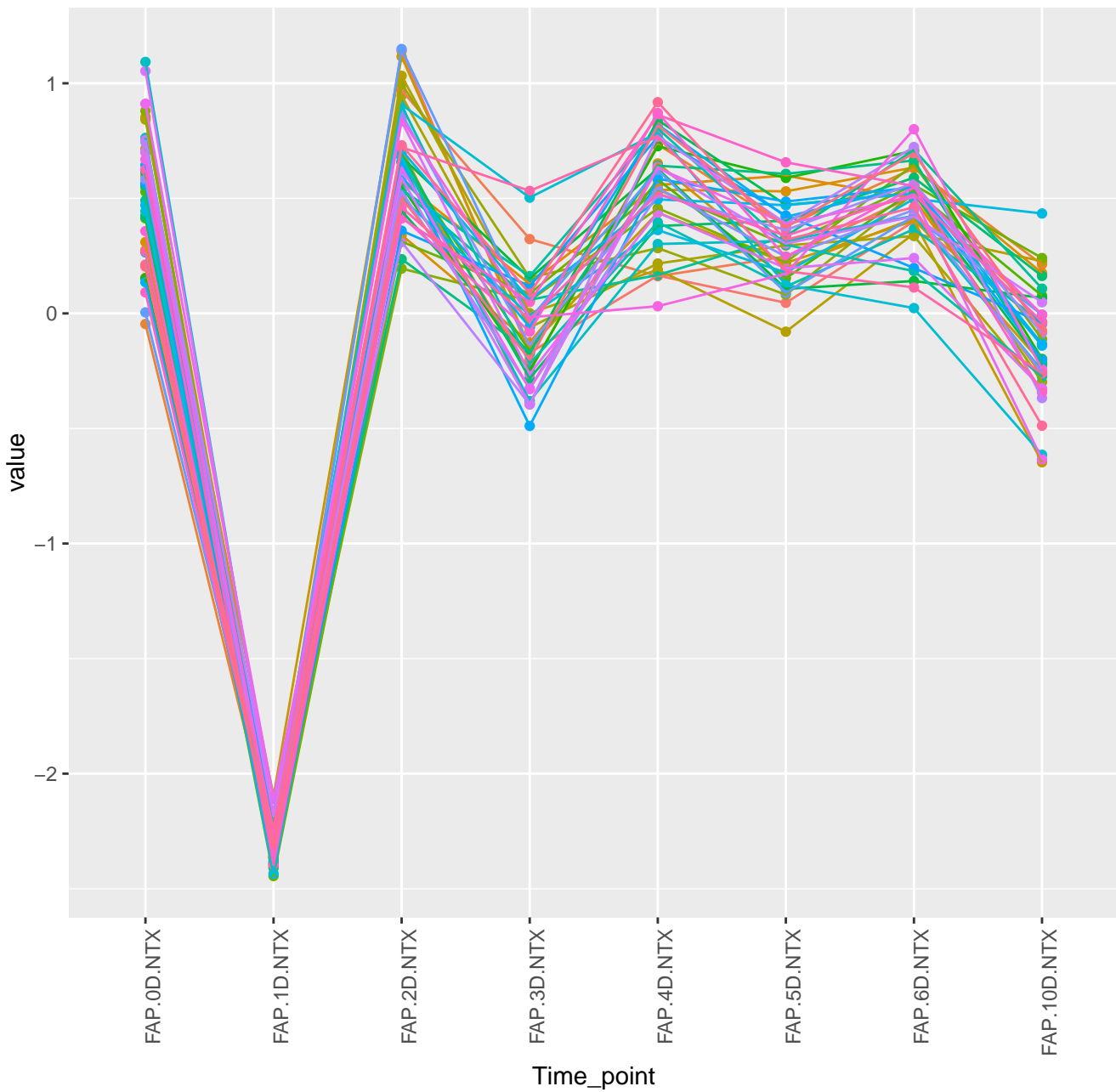
17 genes – cluster 194



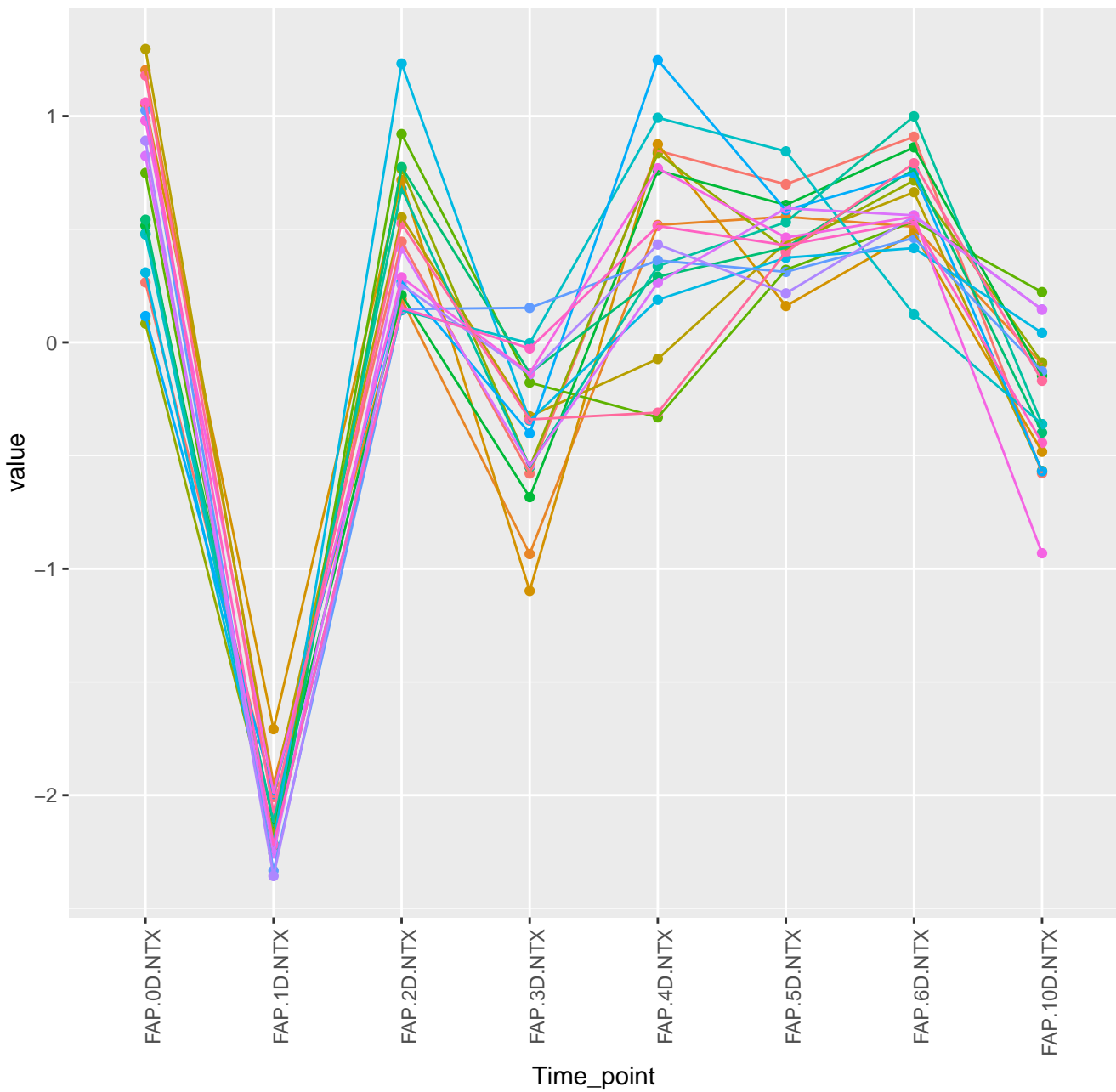
17 genes – cluster 195



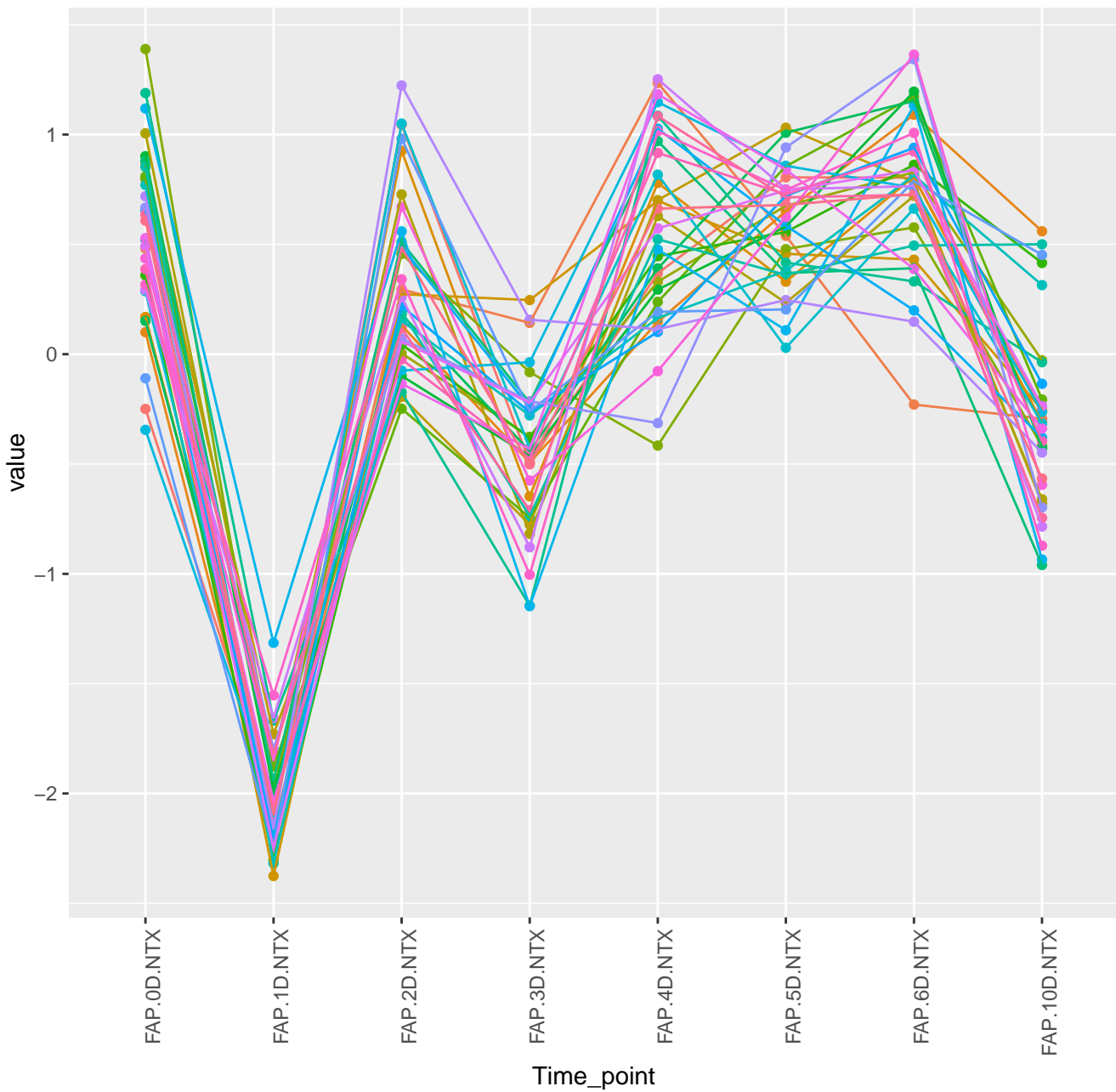
42 genes – cluster 196



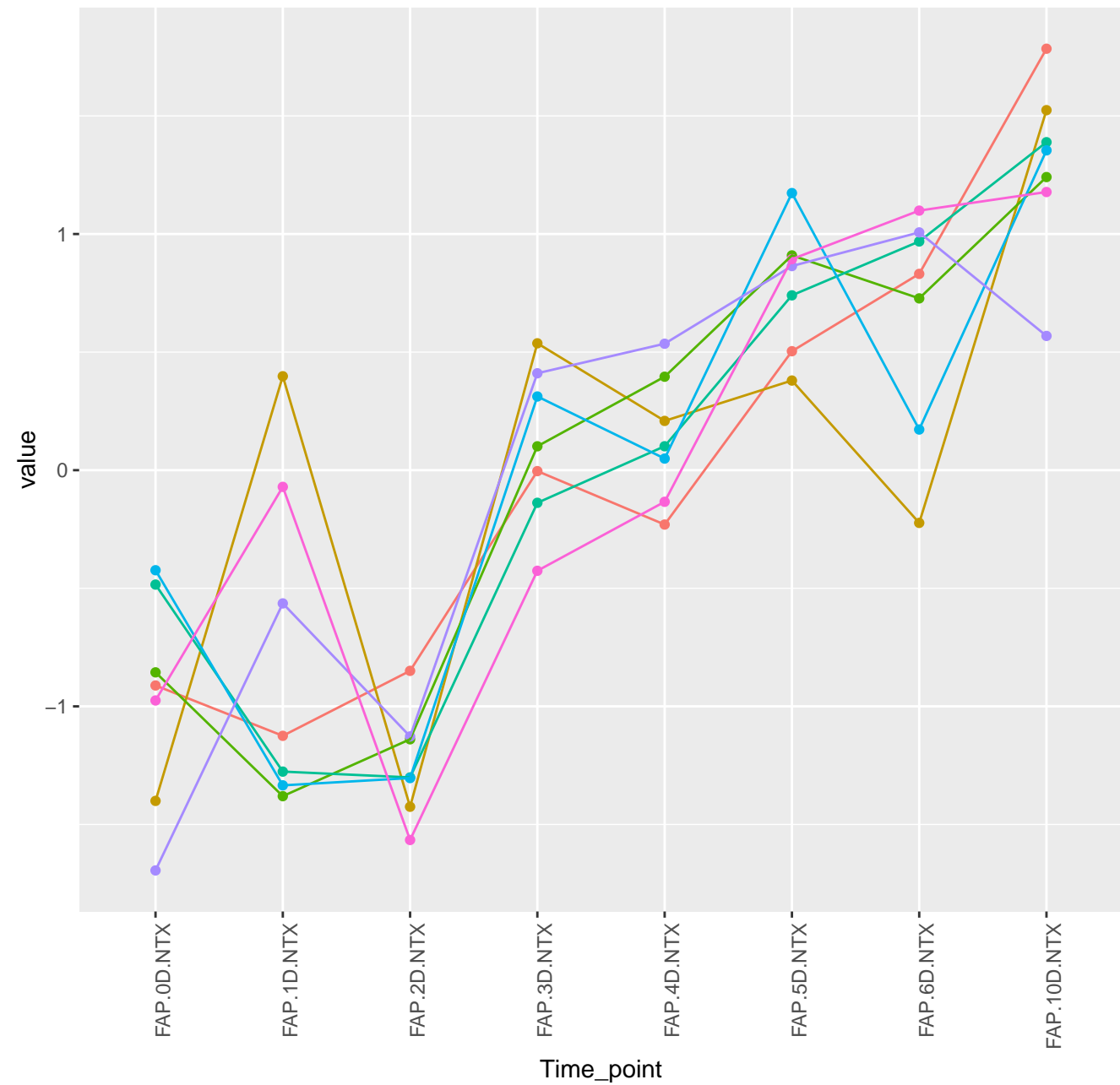
18 genes – cluster 197



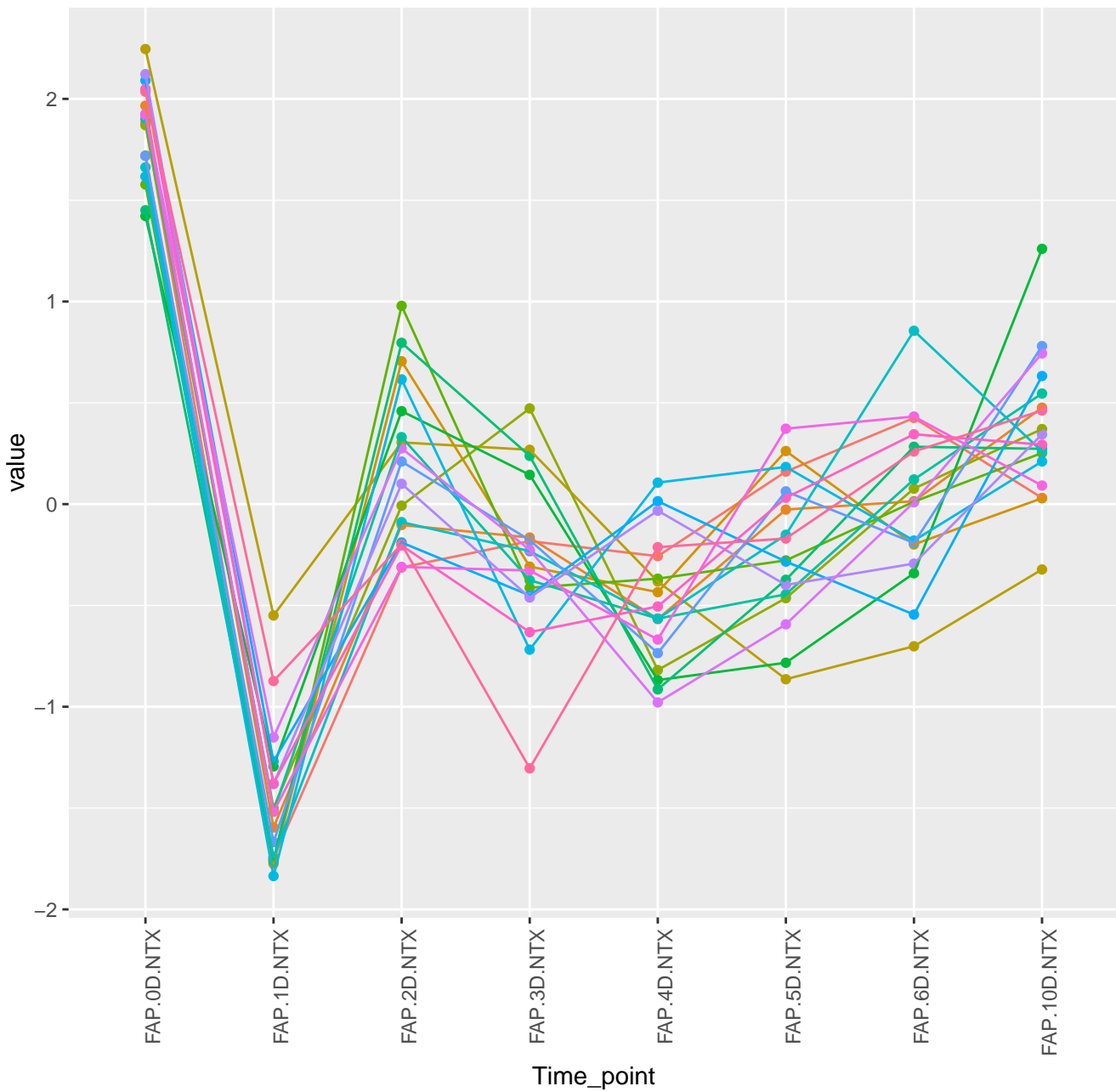
33 genes – cluster 198



7 genes – cluster 199

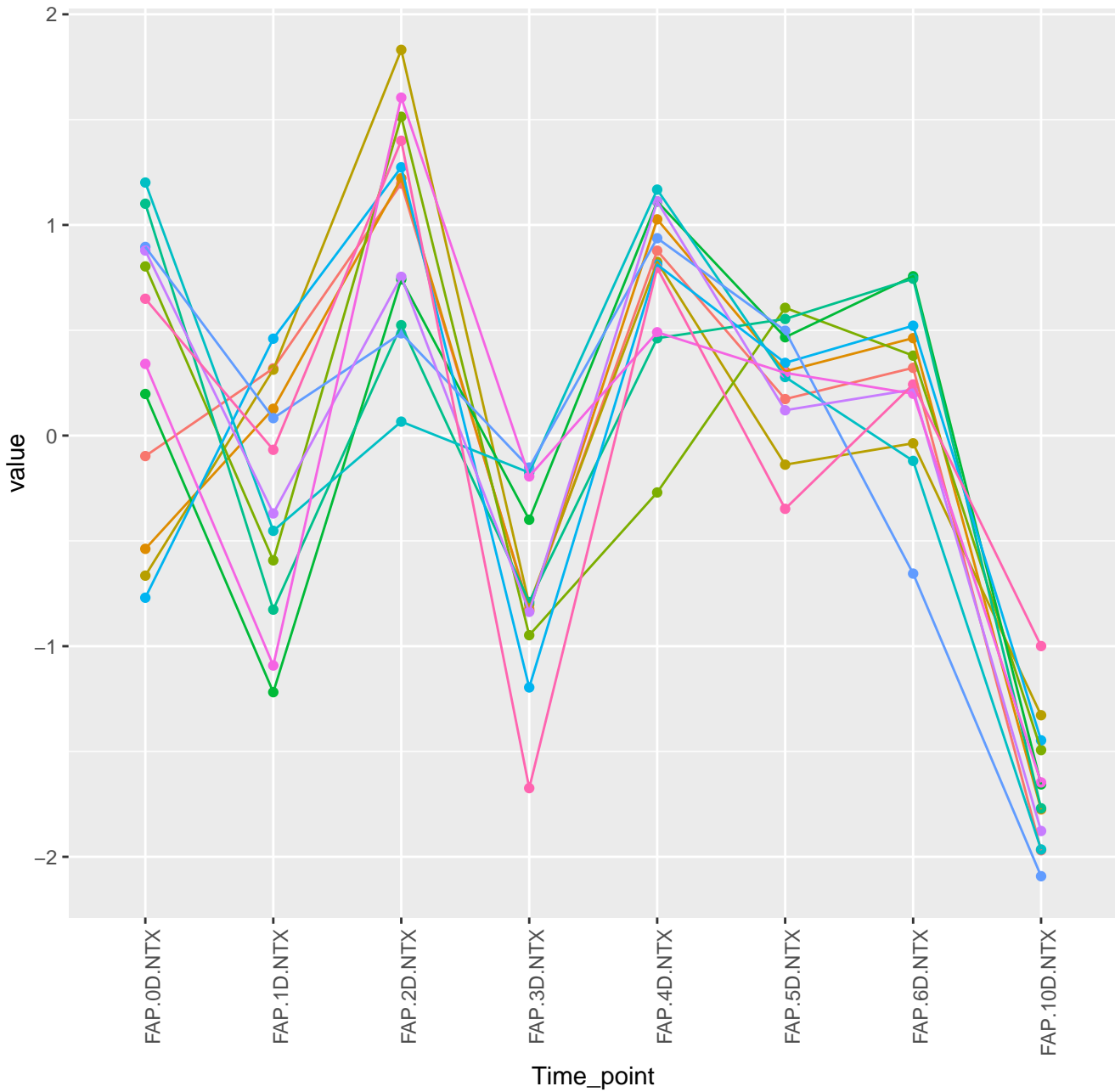


18 genes – cluster 200

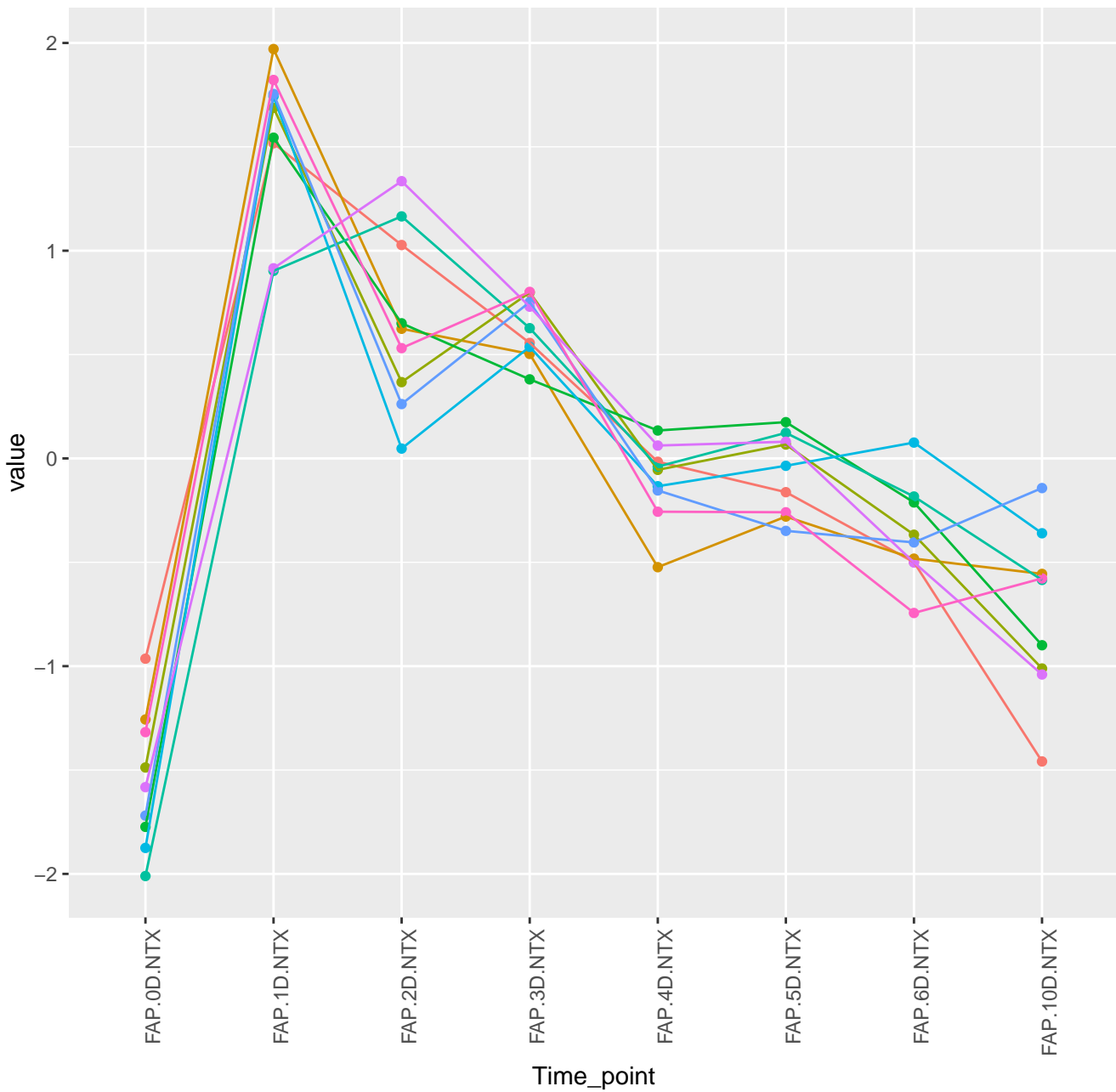




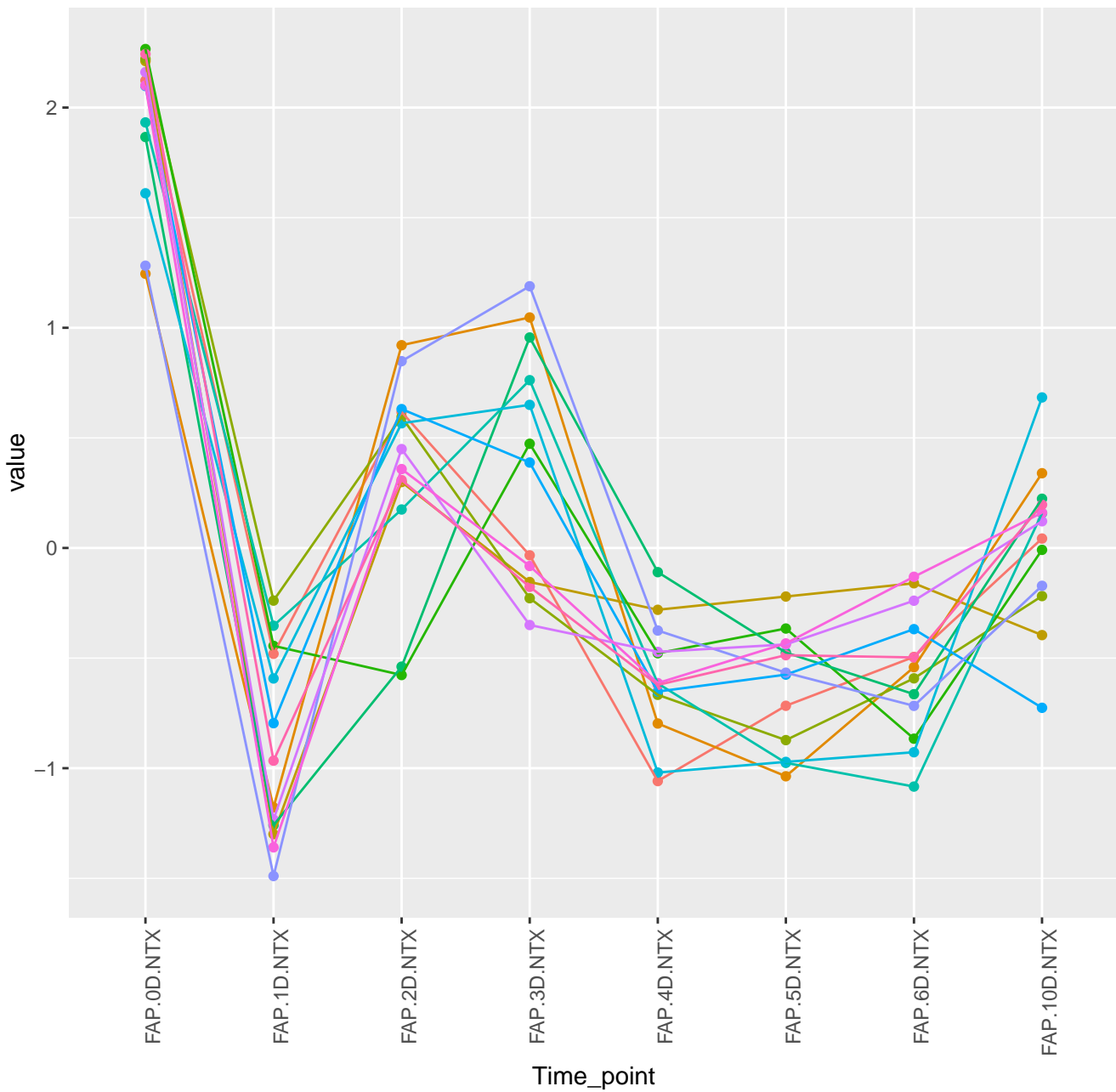
12 genes – cluster 201



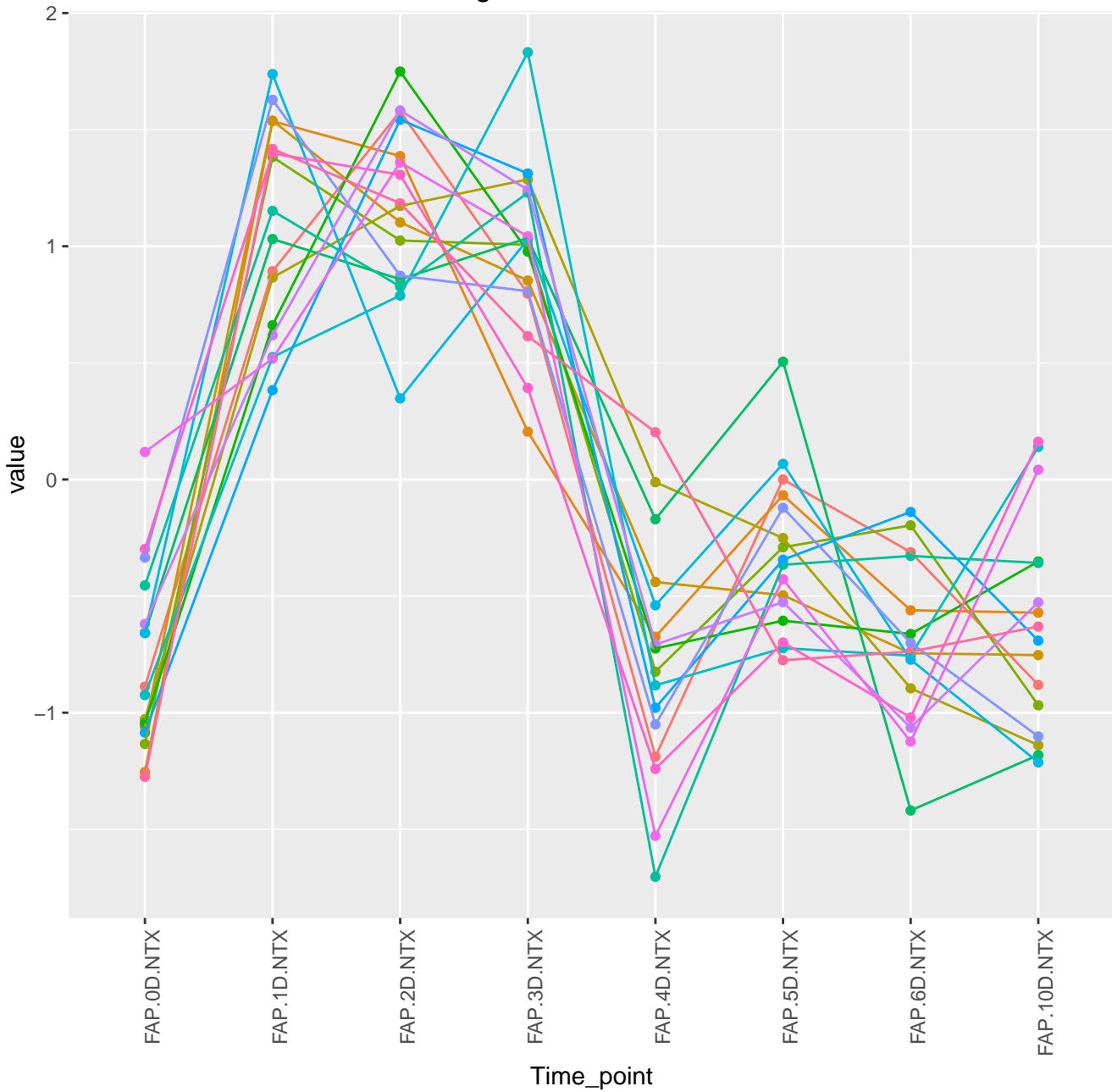
9 genes – cluster 202



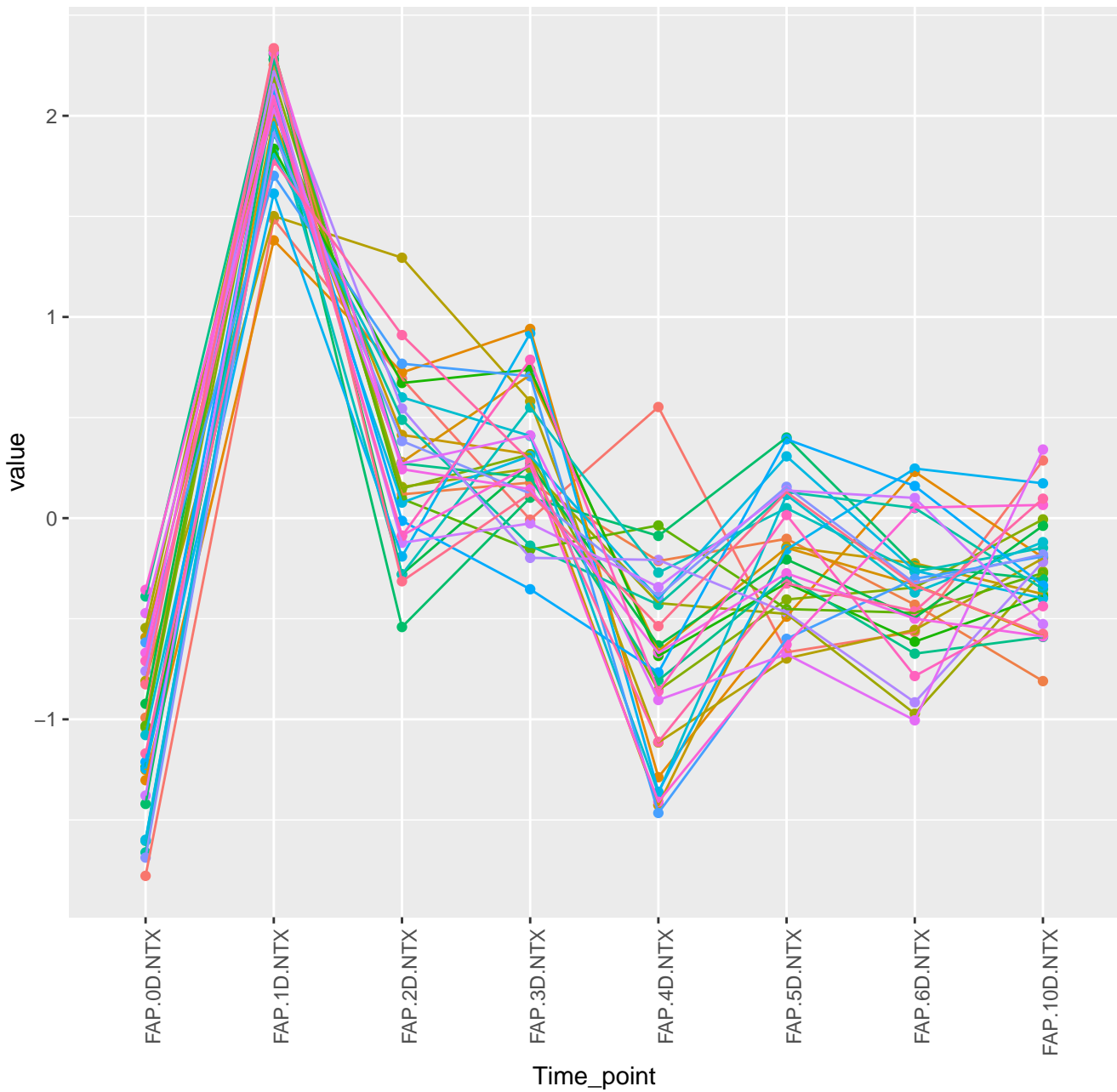
13 genes – cluster 203



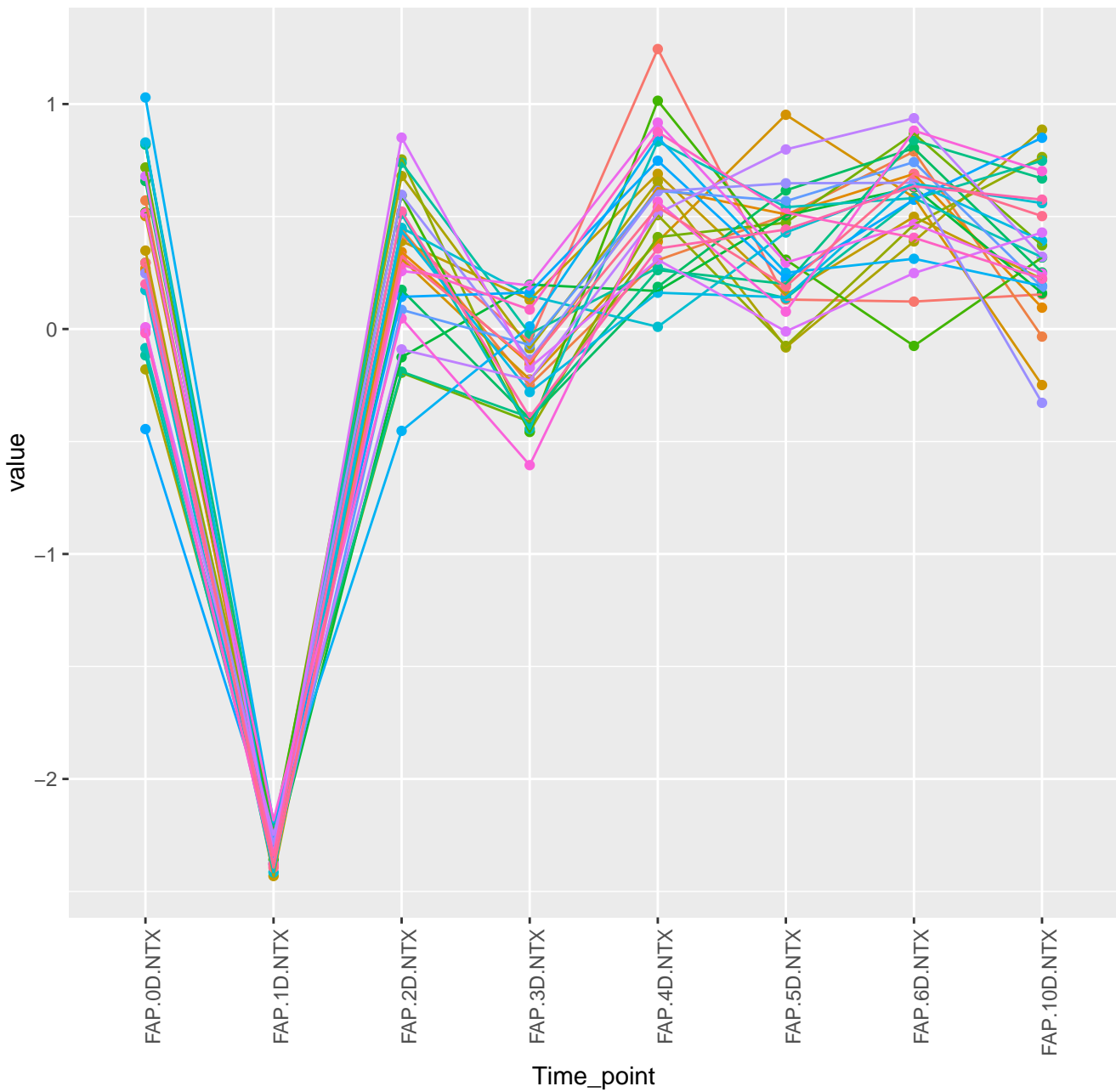
16 genes – cluster 204



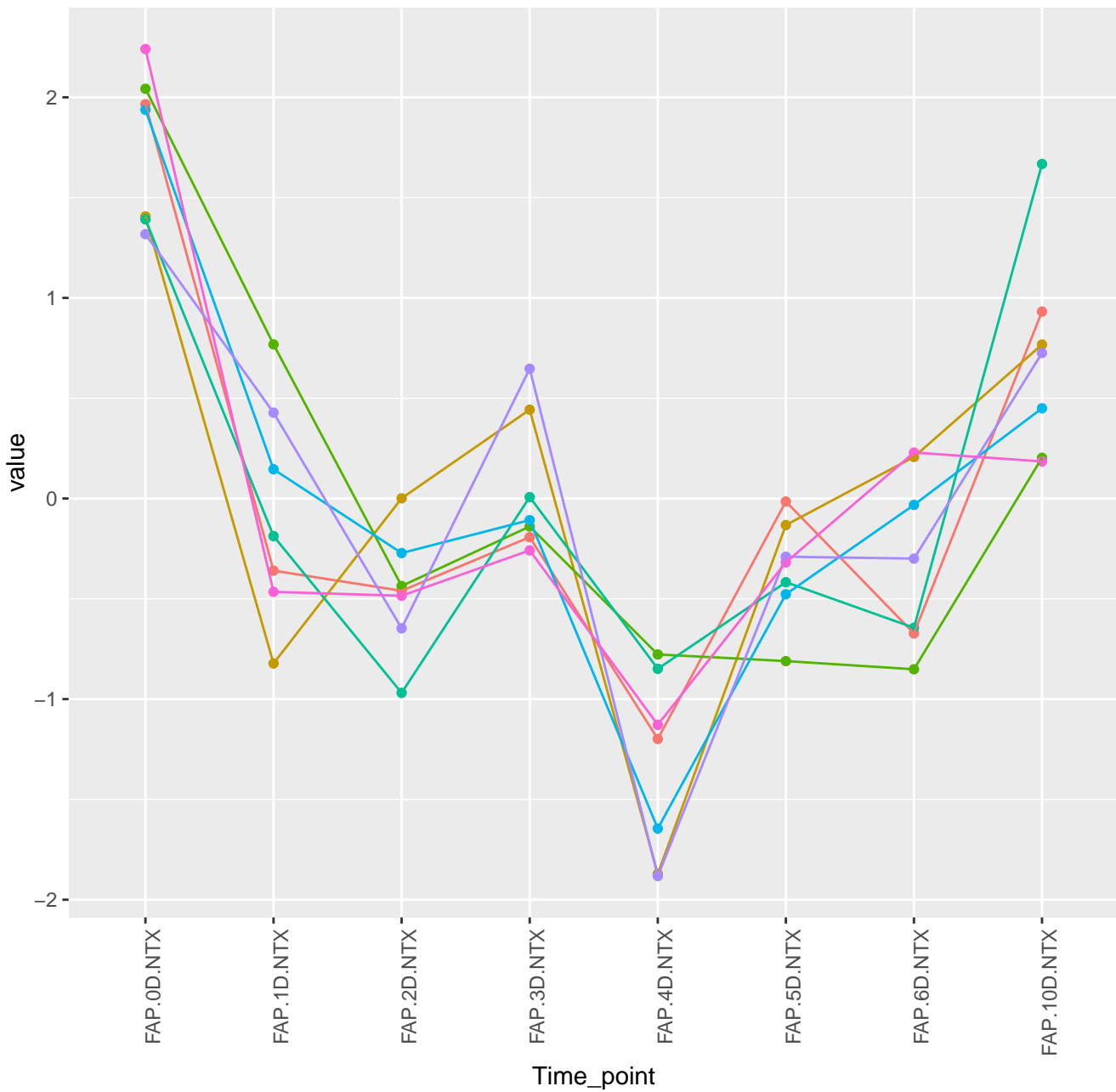
29 genes – cluster 205



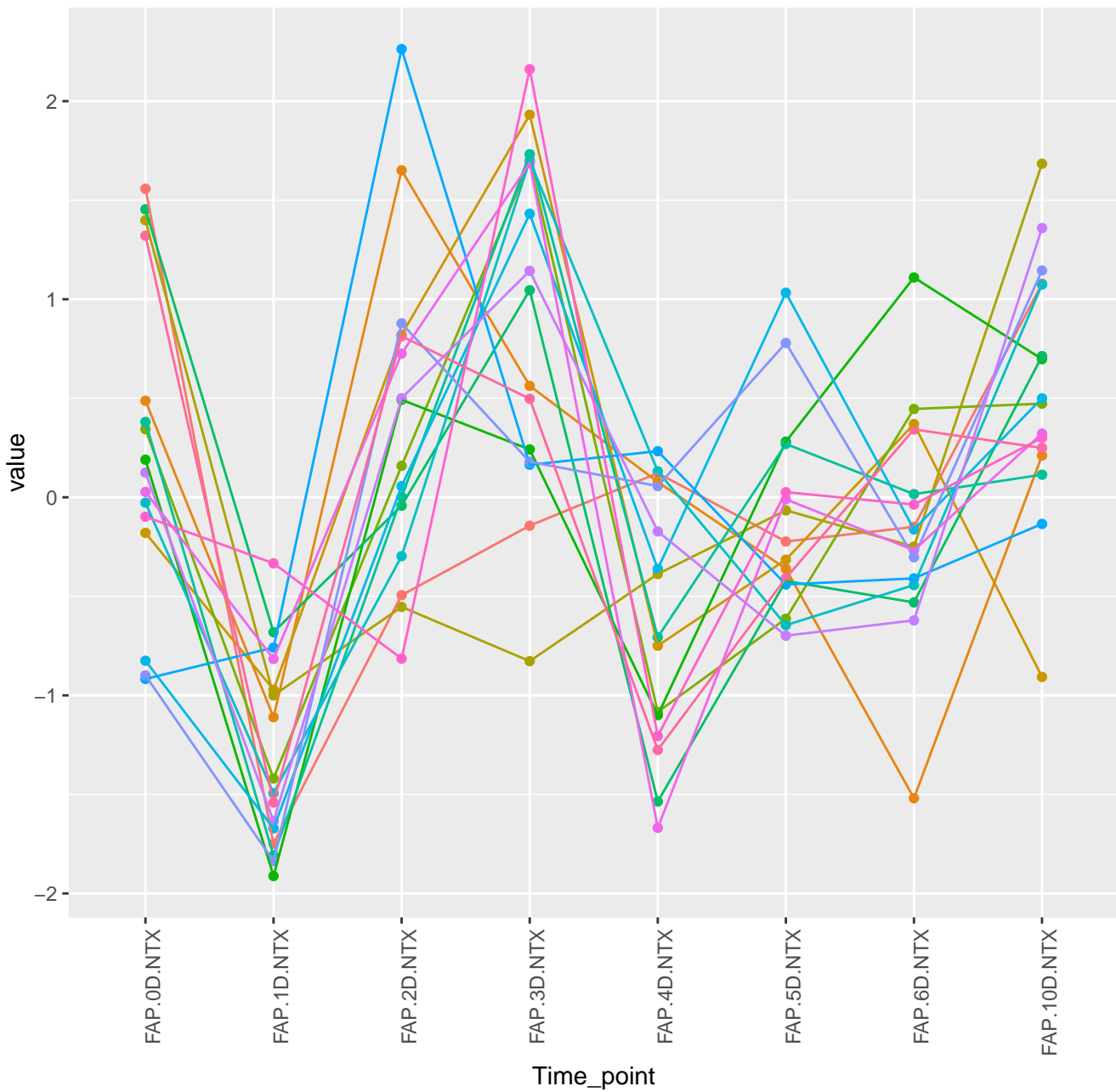
27 genes – cluster 206



7 genes – cluster 207

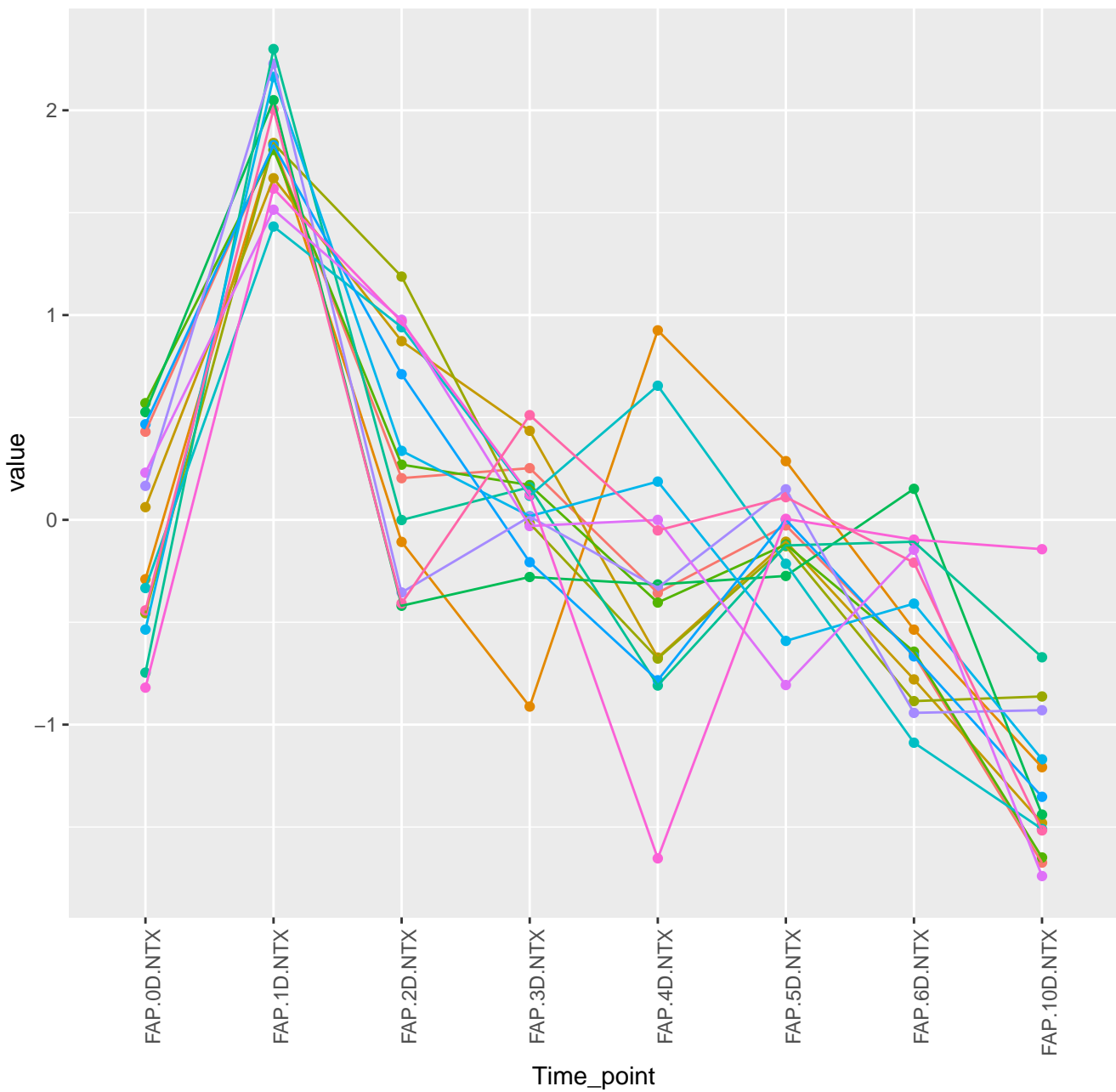


16 genes – cluster 208

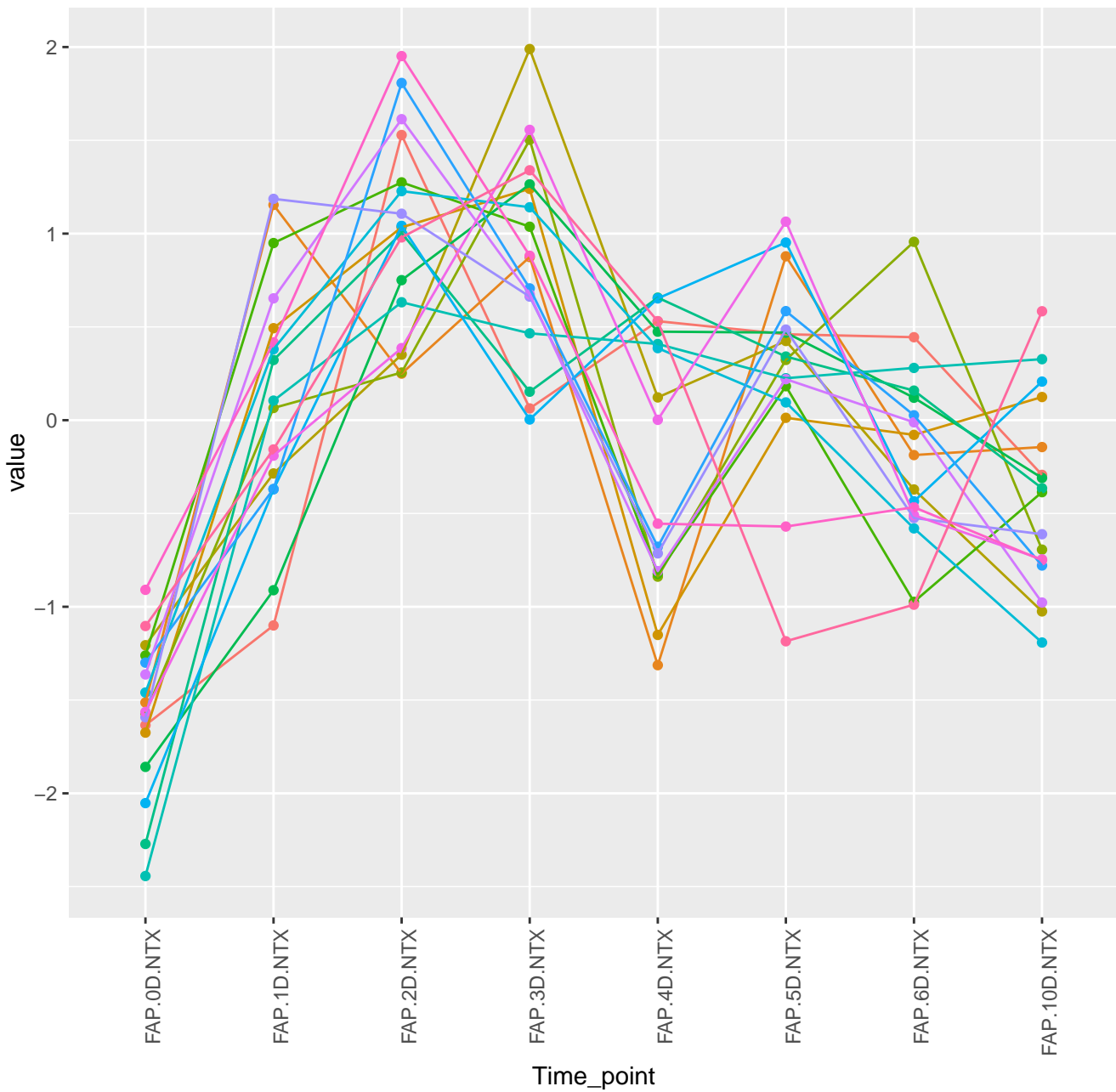




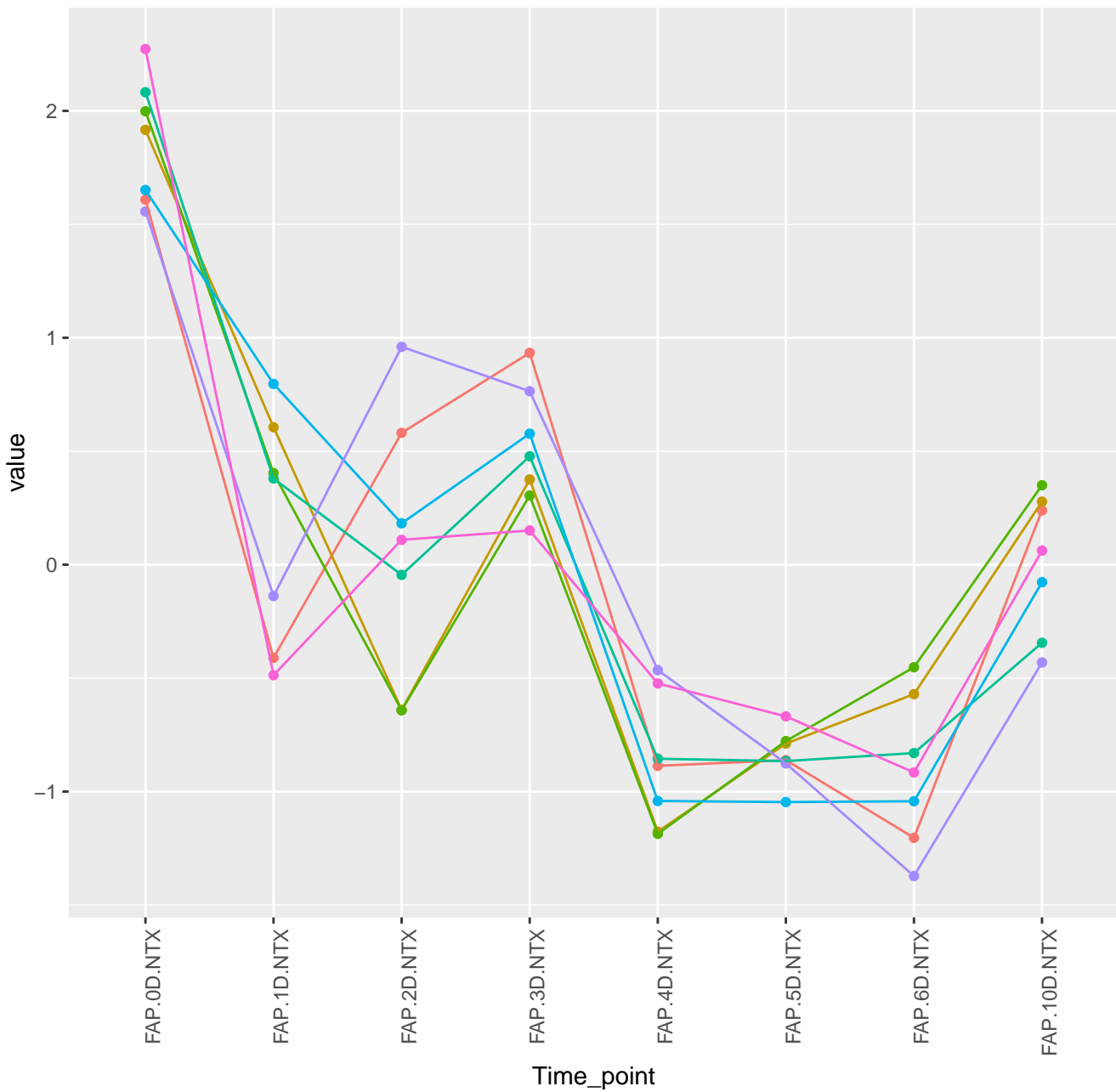
14 genes – cluster 209



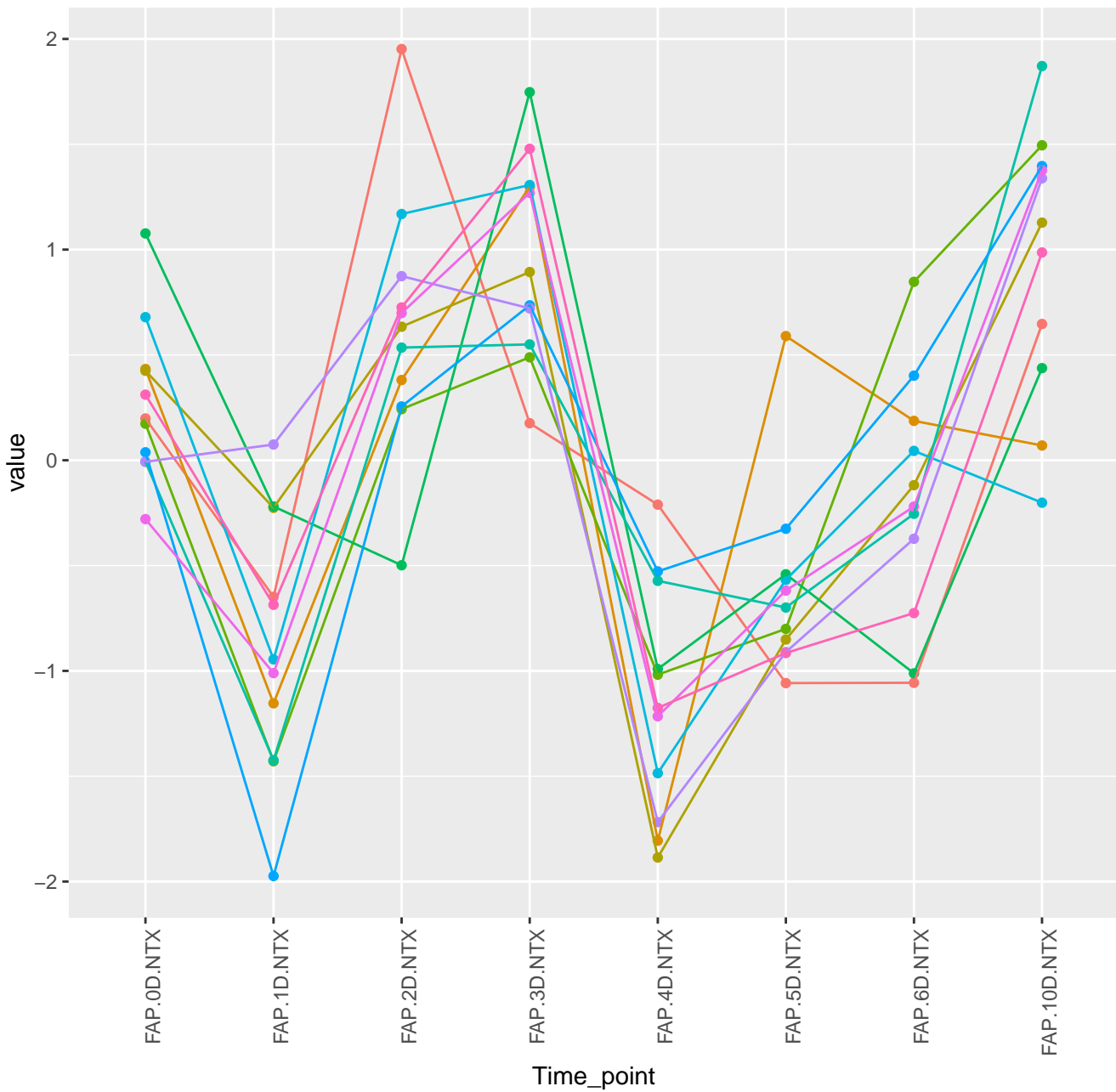
17 genes – cluster 210



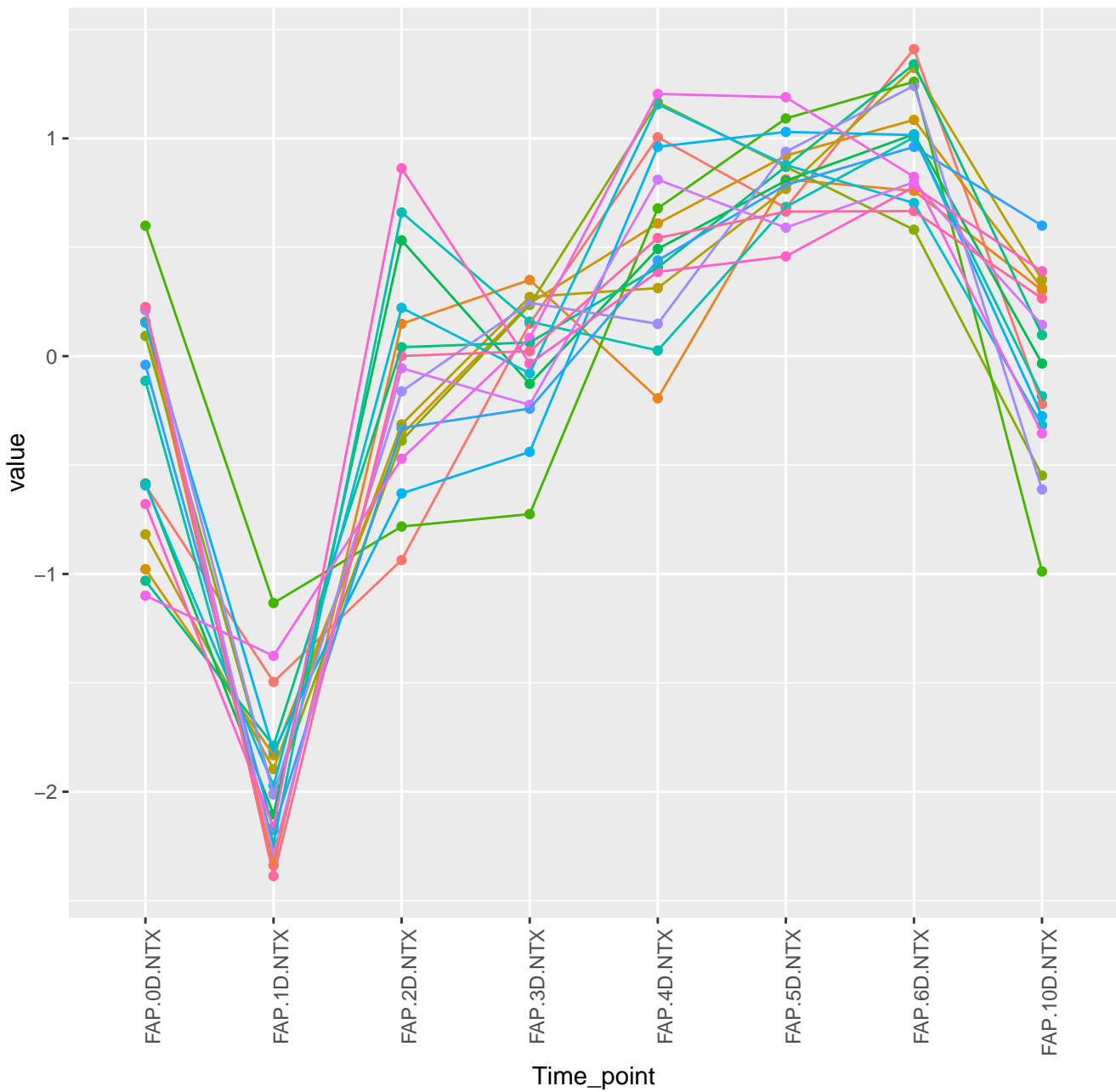
7 genes – cluster 211



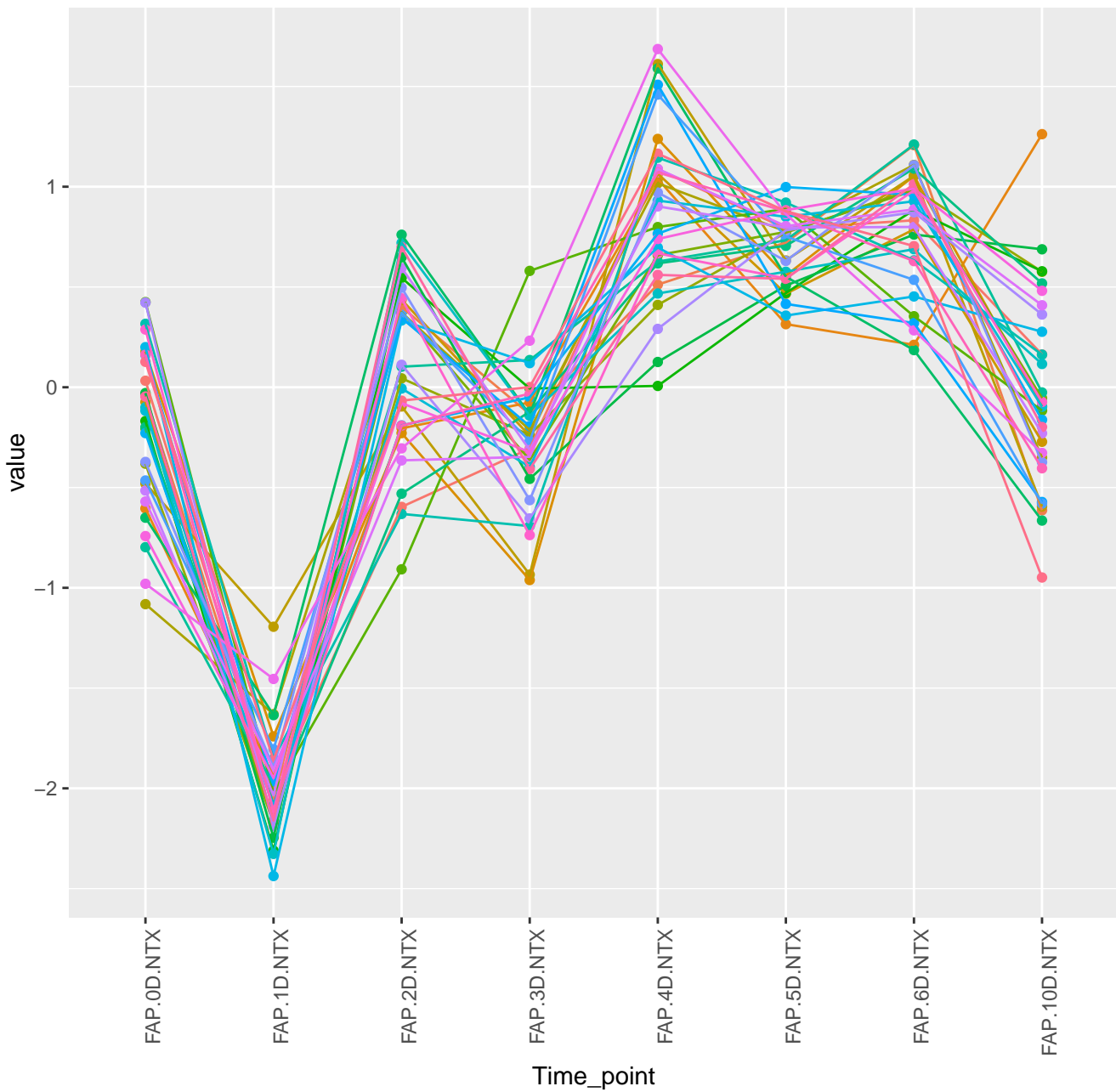
11 genes – cluster 212



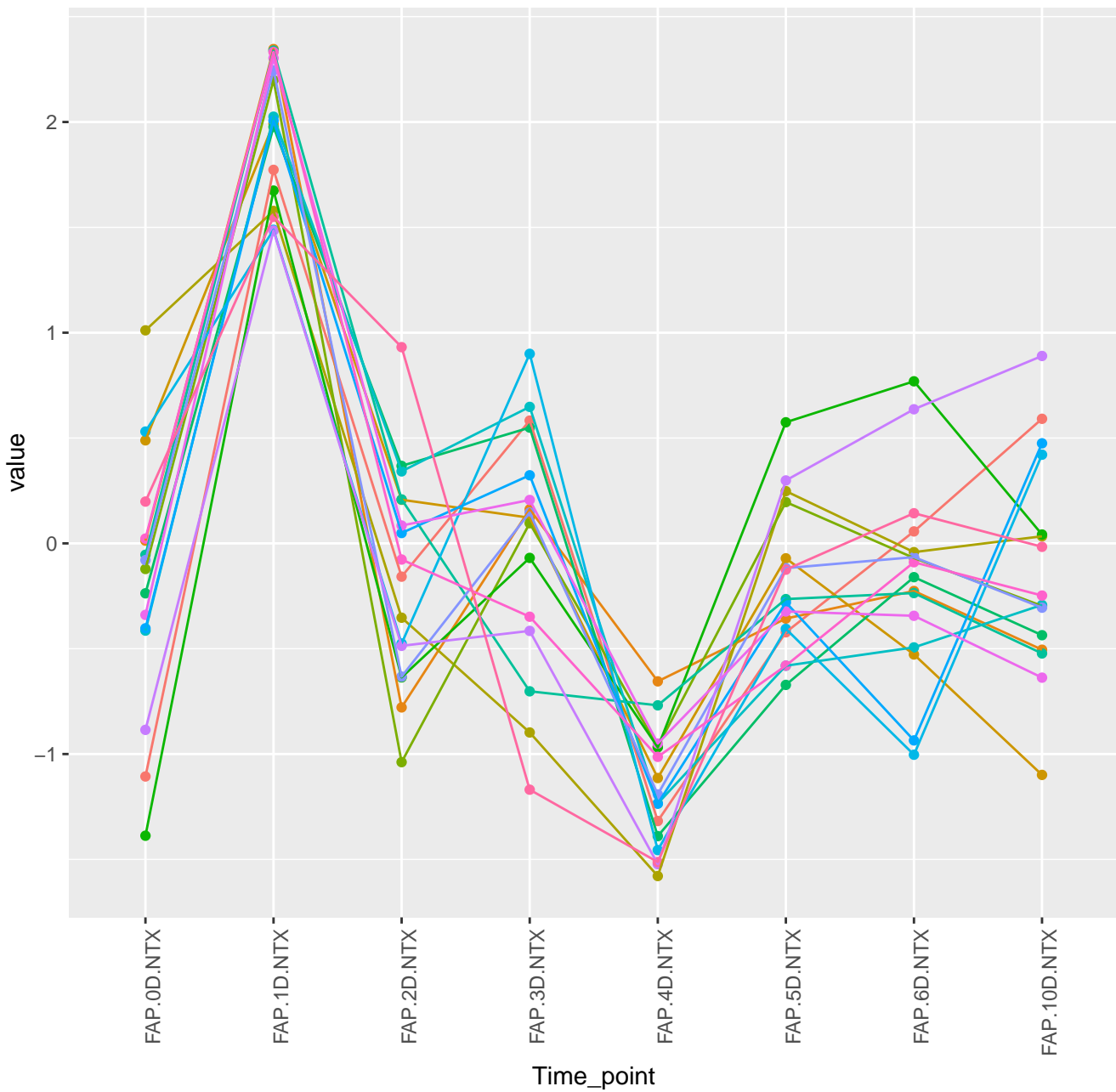
17 genes – cluster 213



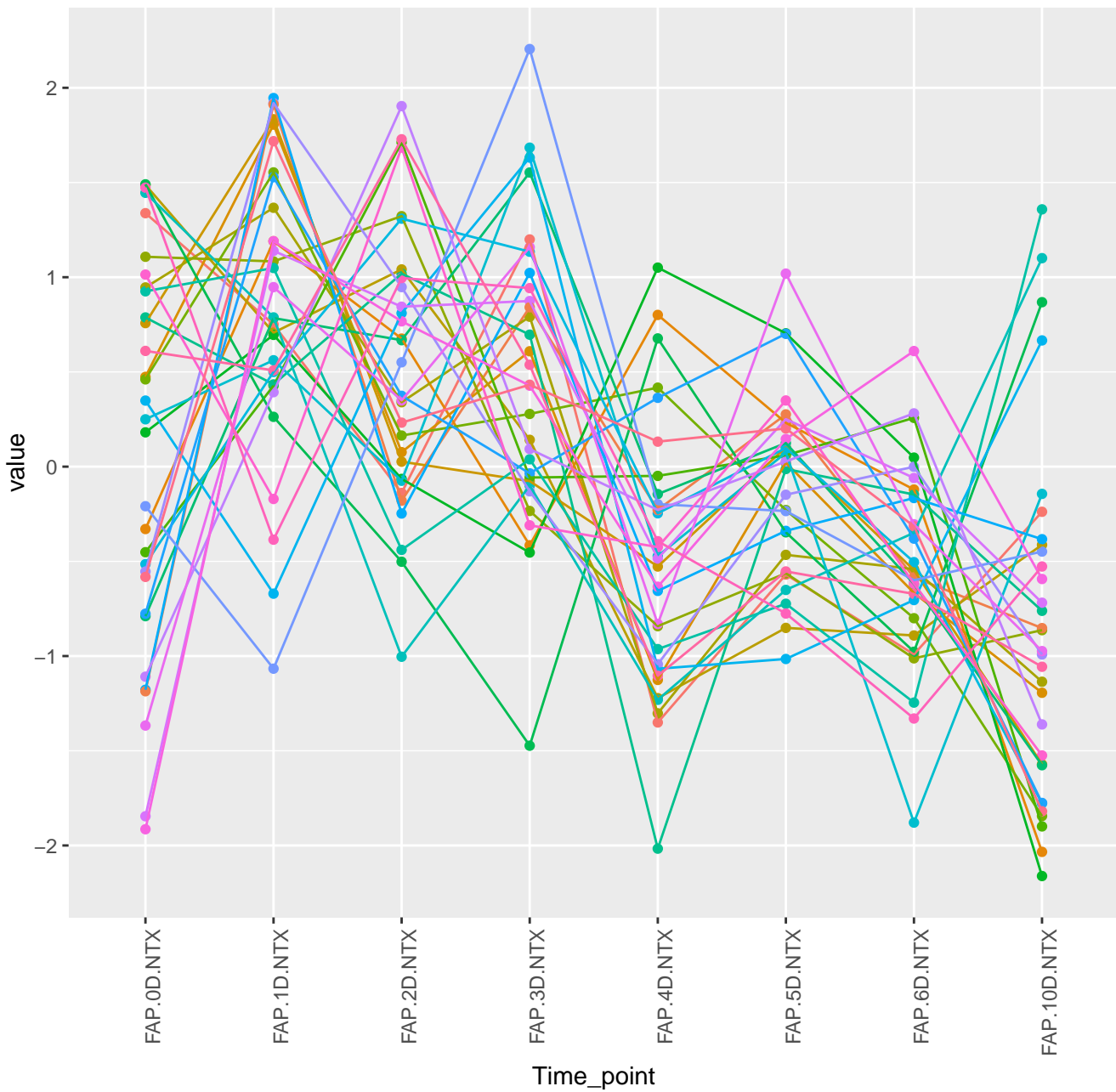
32 genes – cluster 214



16 genes – cluster 215

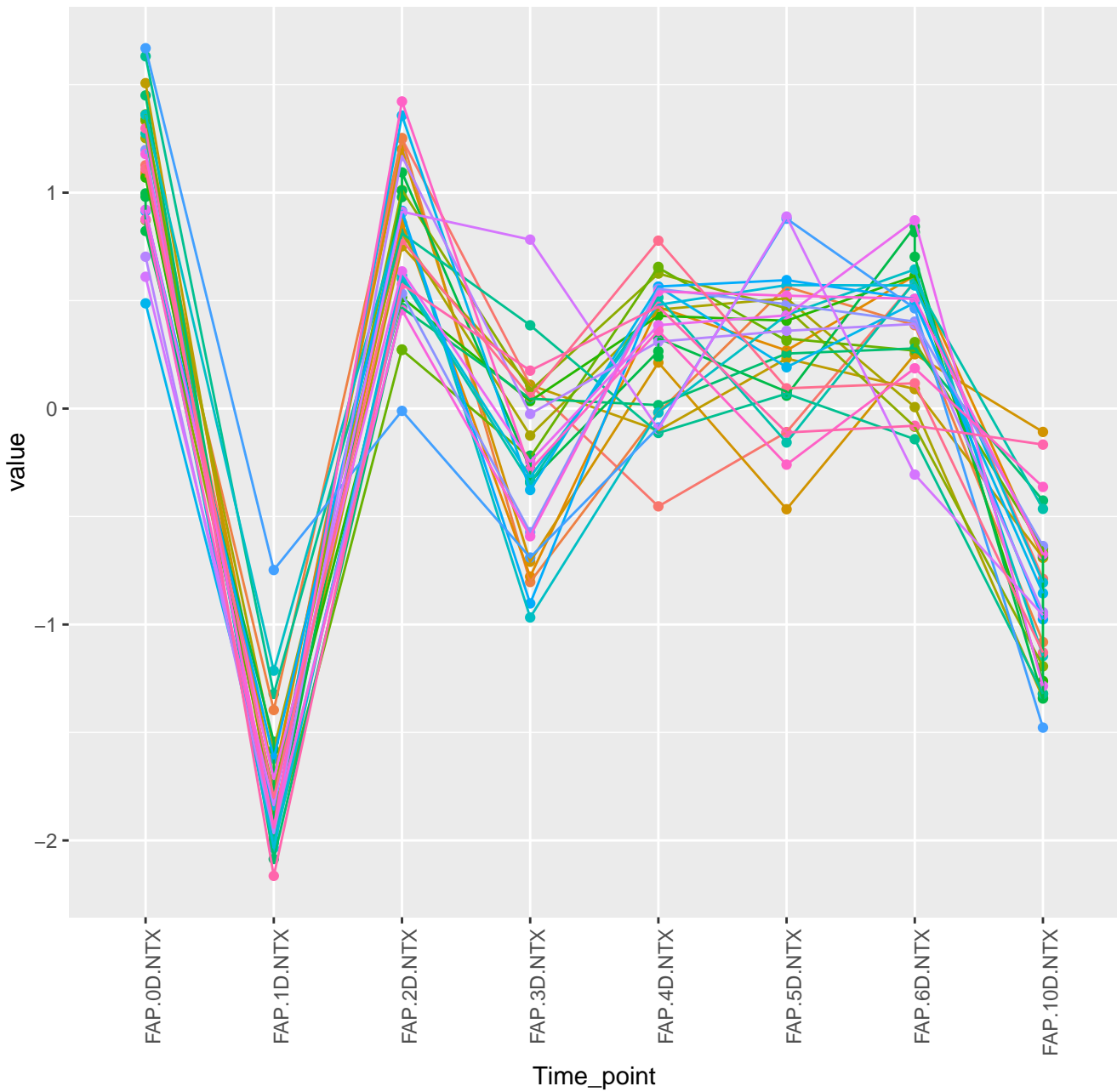


31 genes – cluster 216

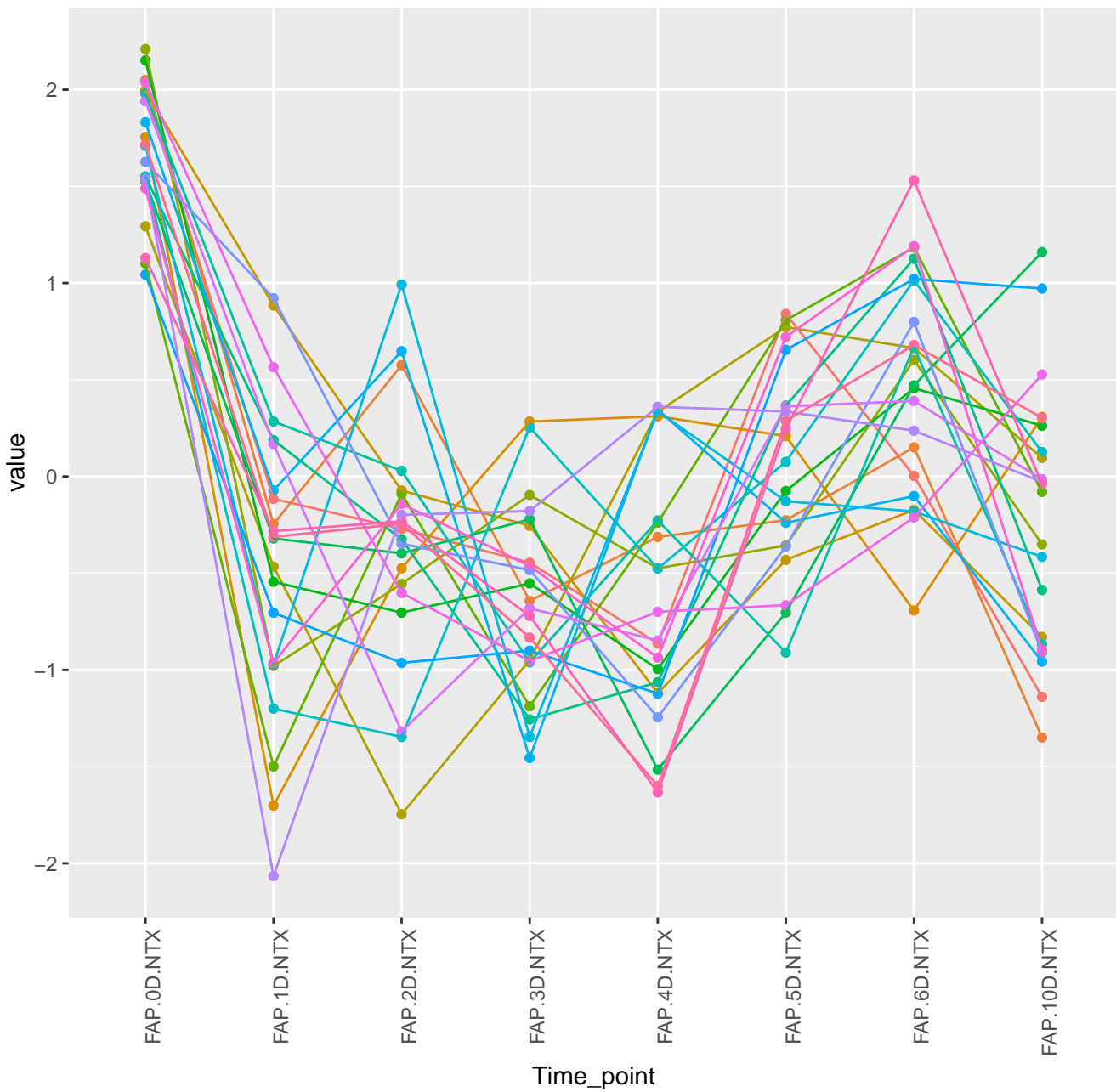




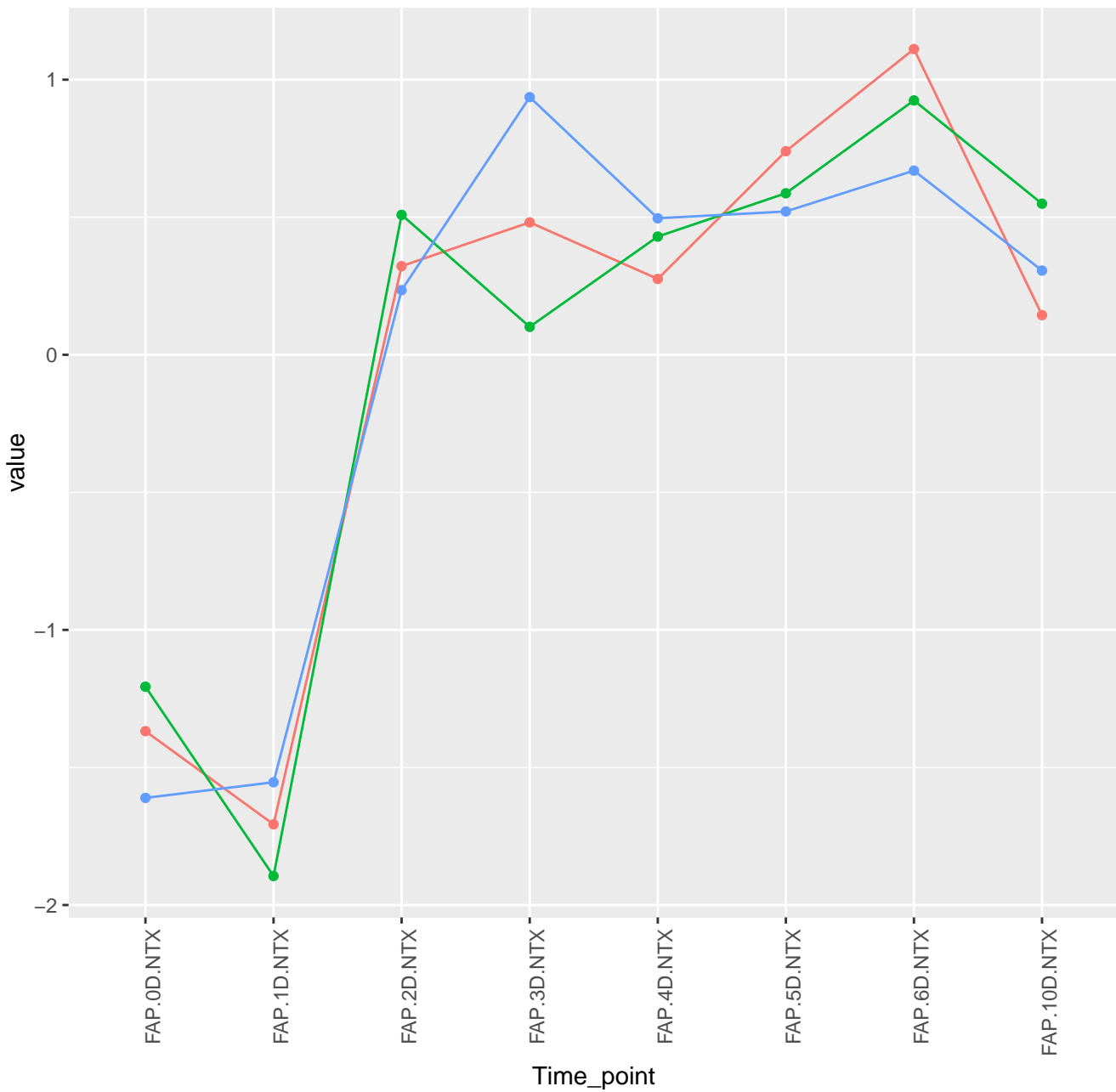
29 genes – cluster 217



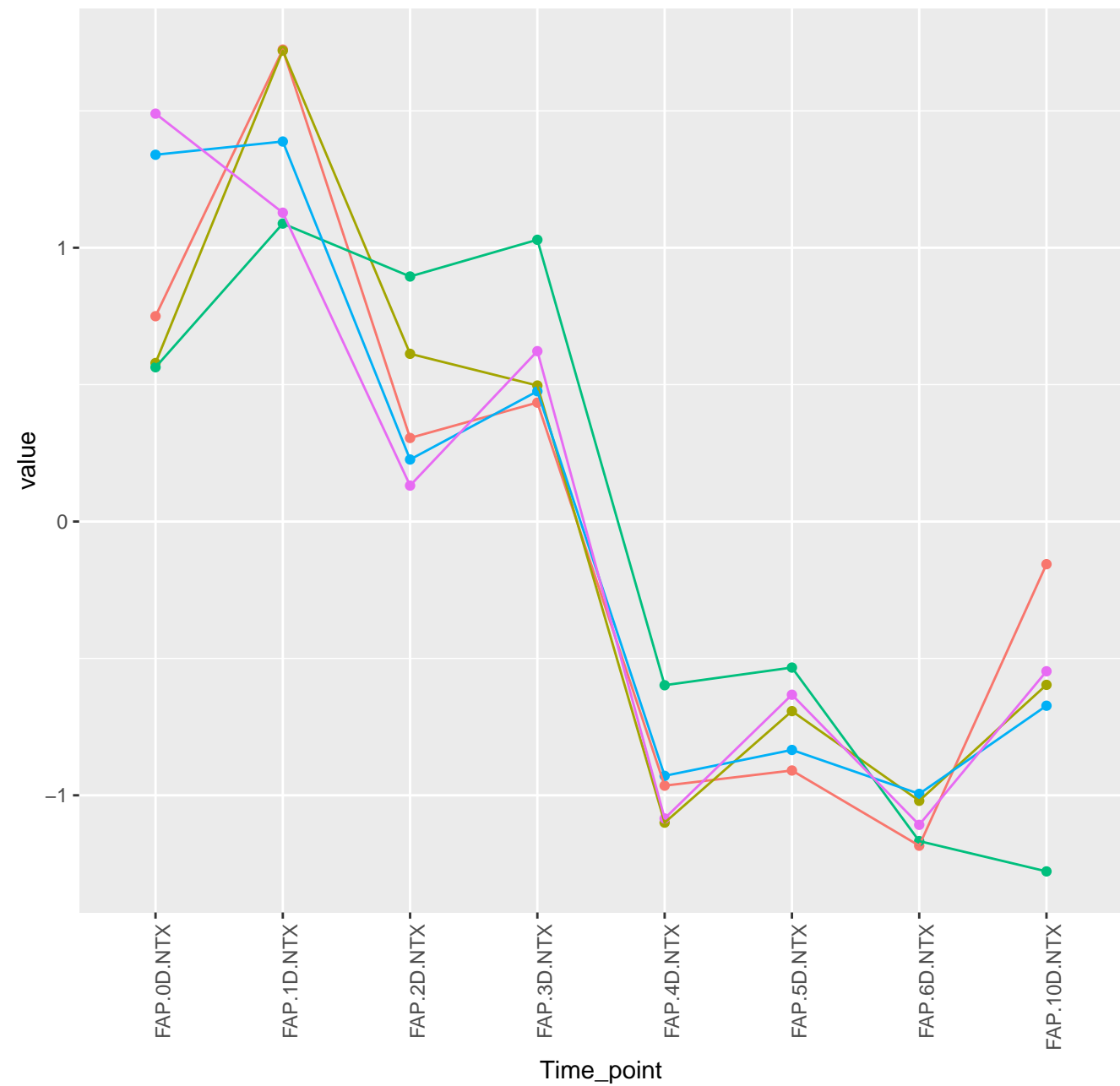
22 genes – cluster 218



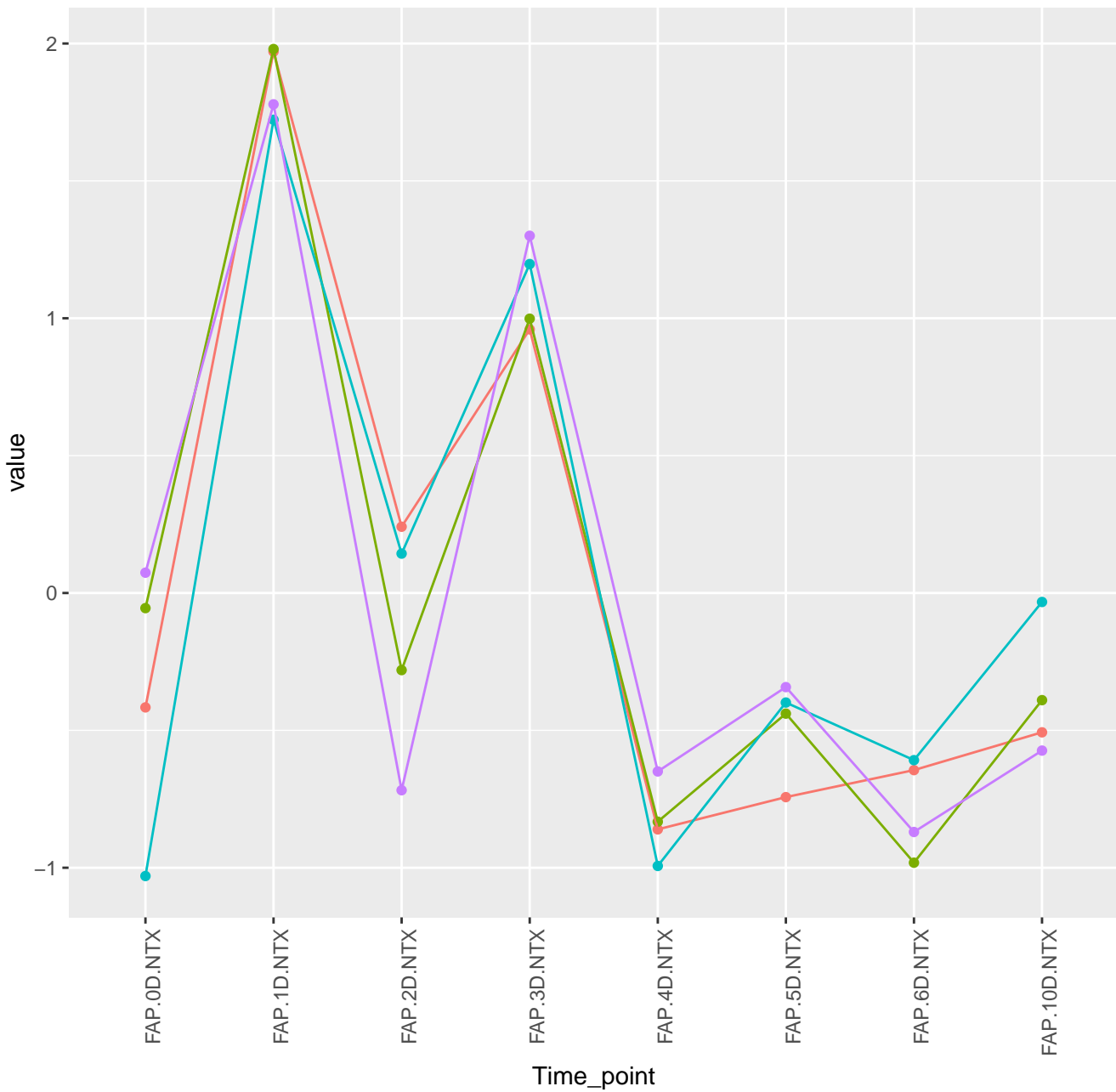
3 genes – cluster 219



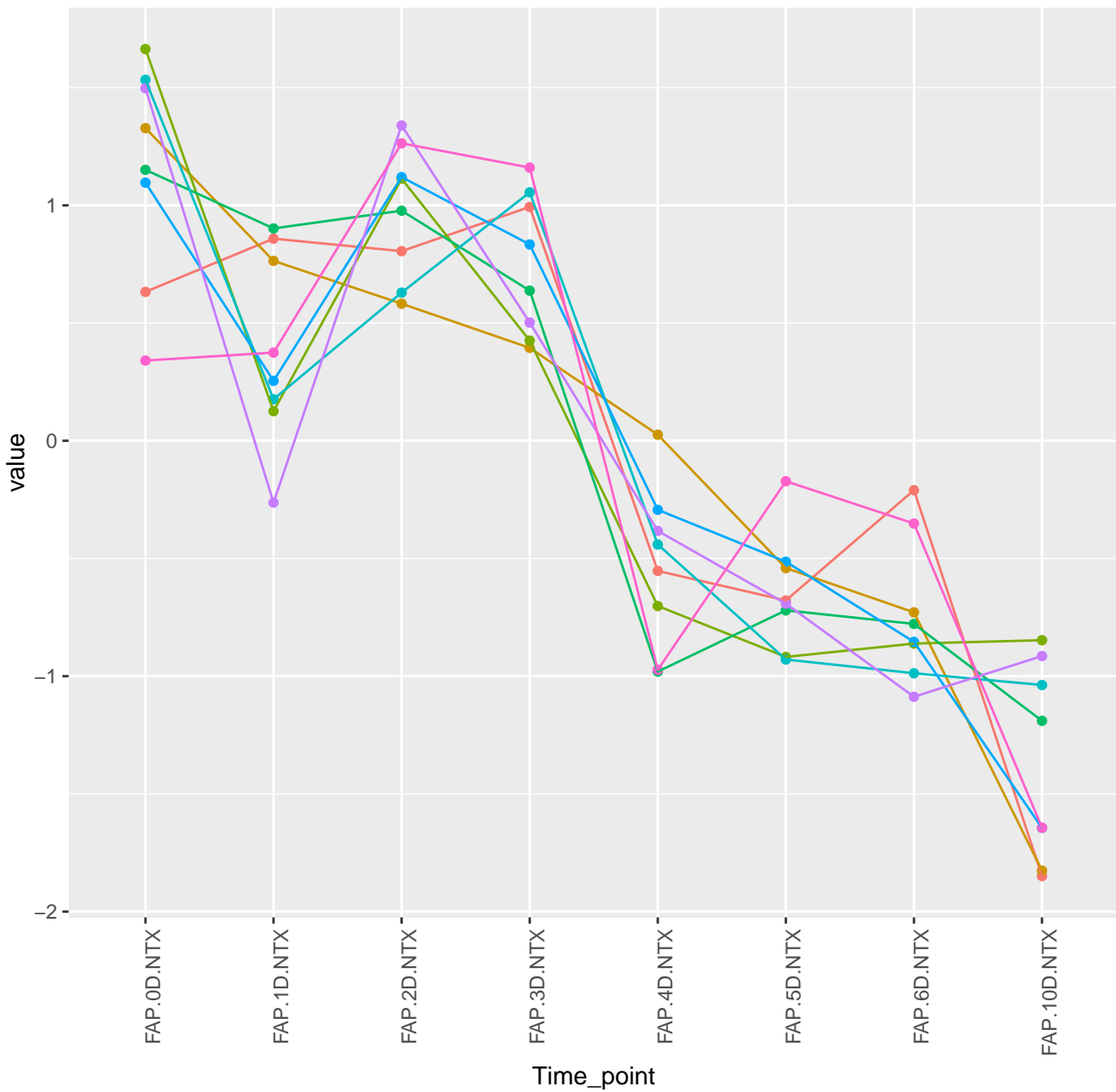
5 genes – cluster 220



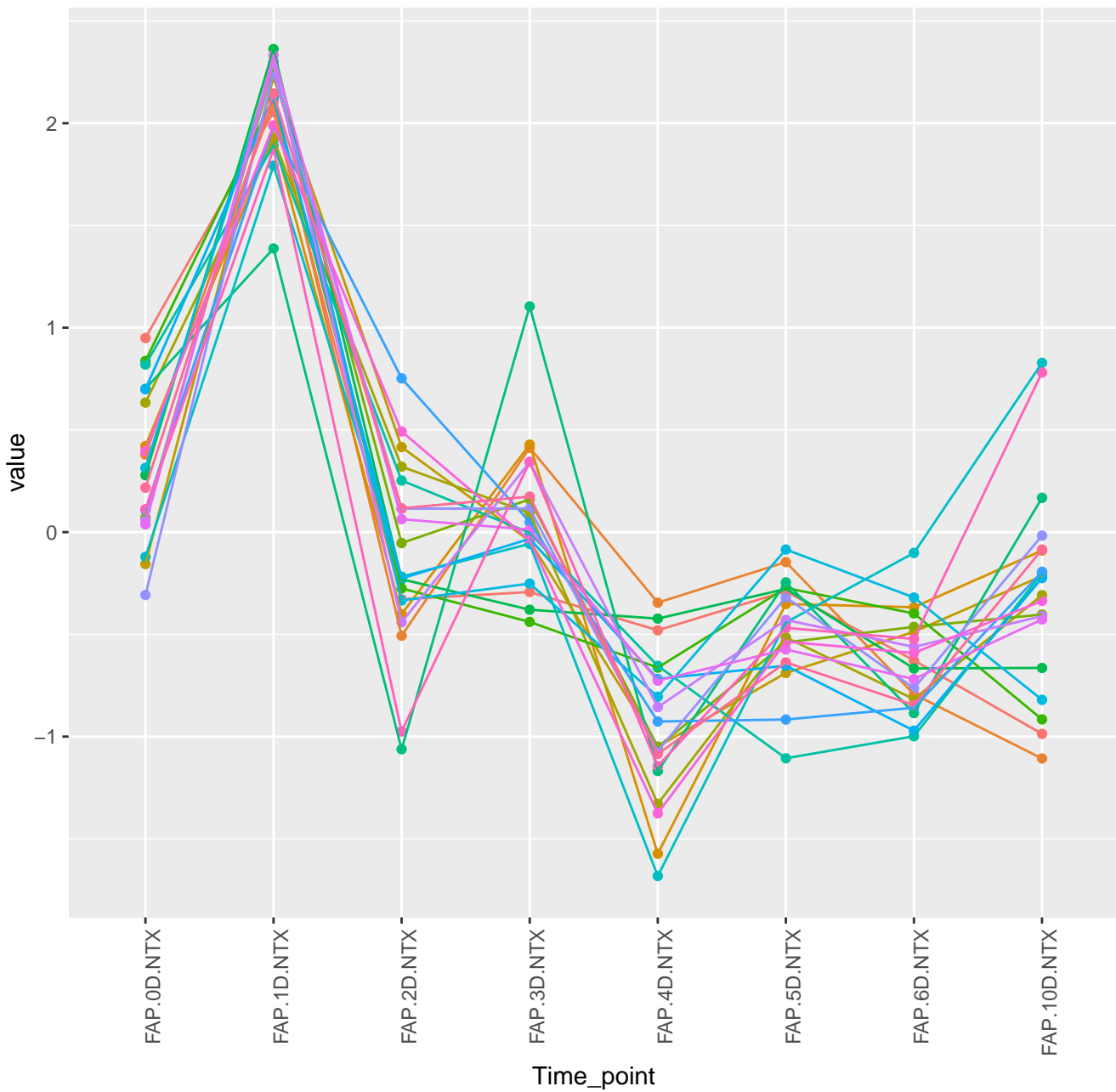
4 genes – cluster 221



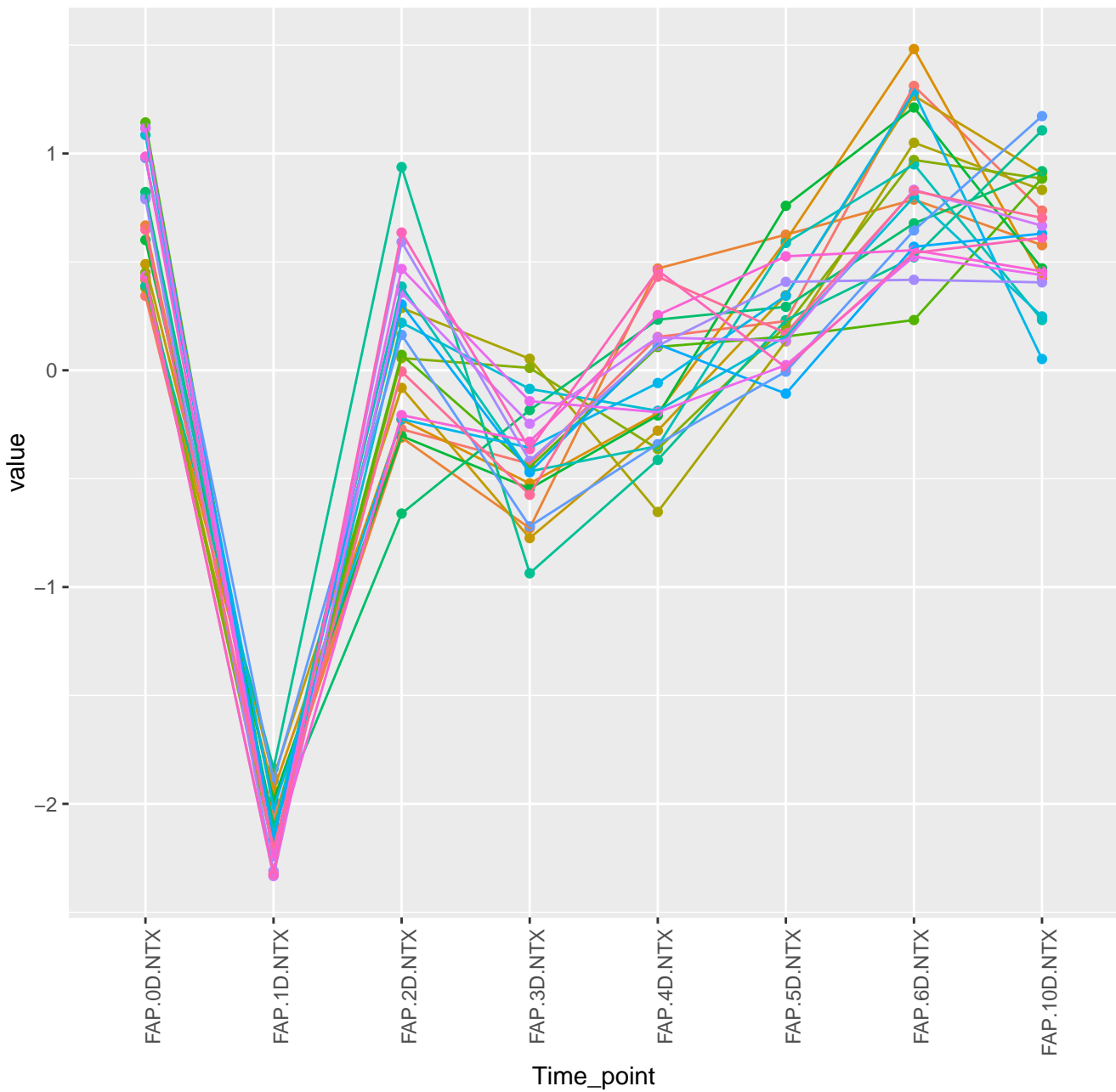
8 genes – cluster 222



20 genes – cluster 223

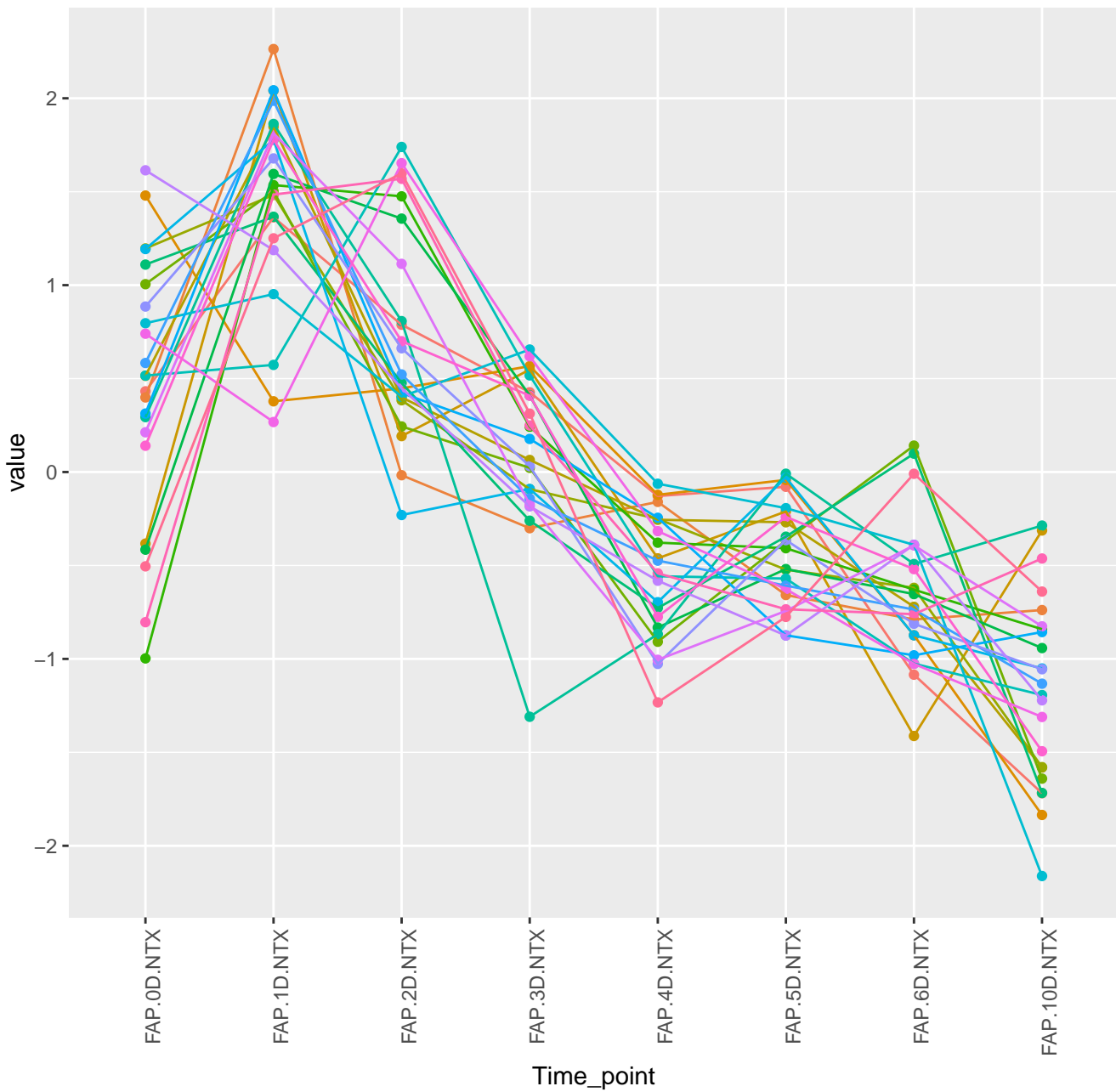


21 genes – cluster 224

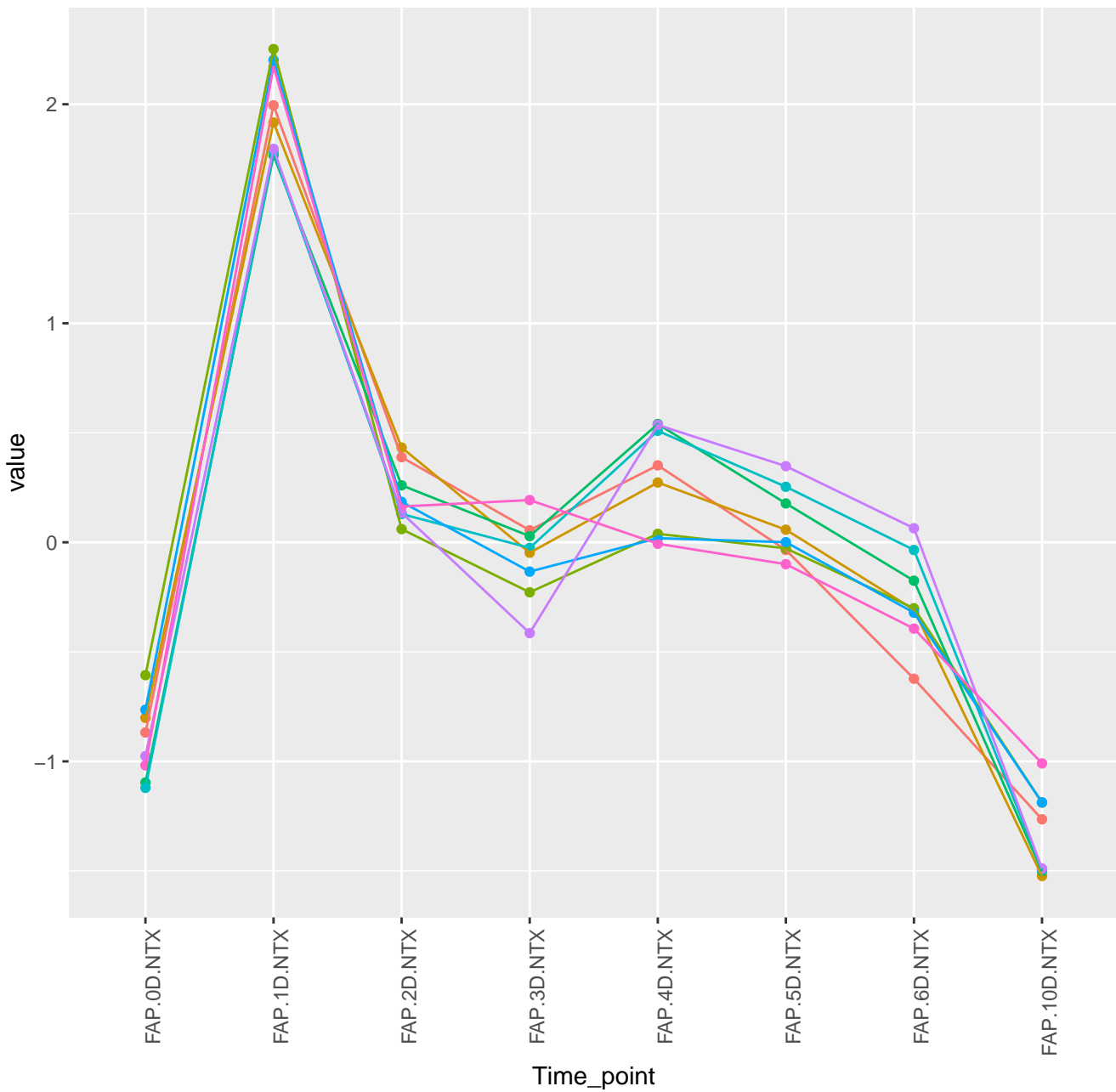




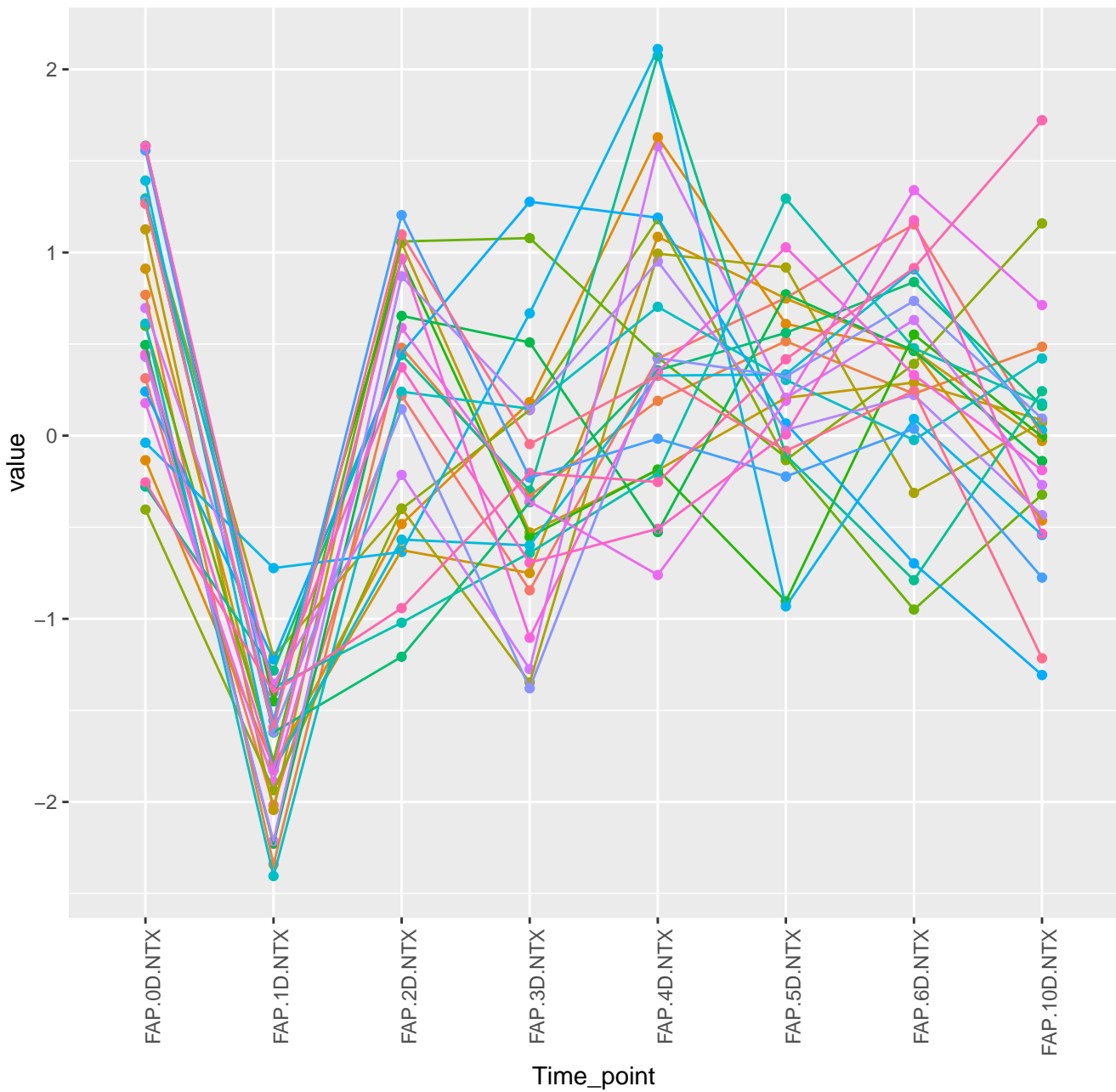
23 genes – cluster 225



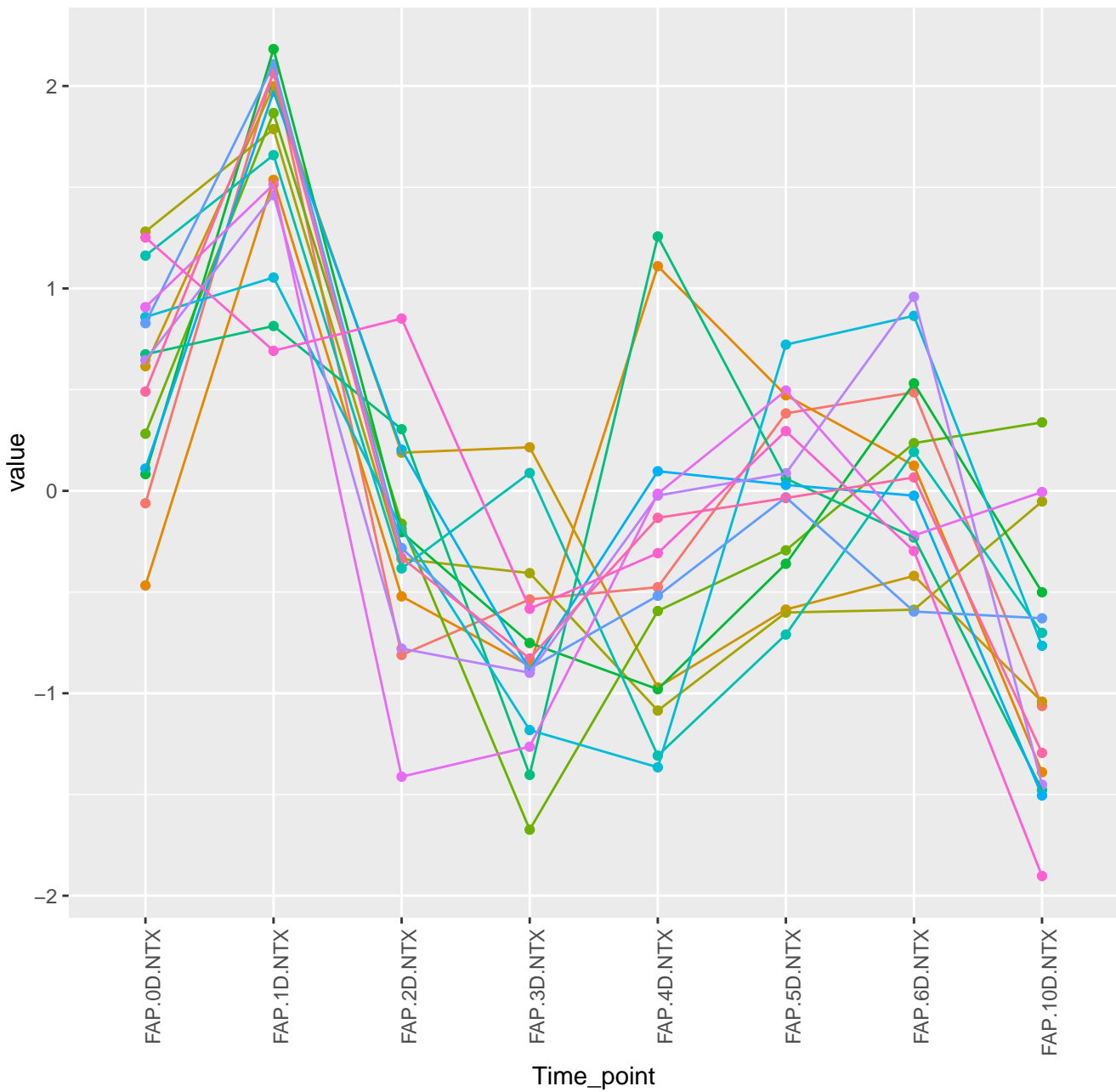
8 genes – cluster 226



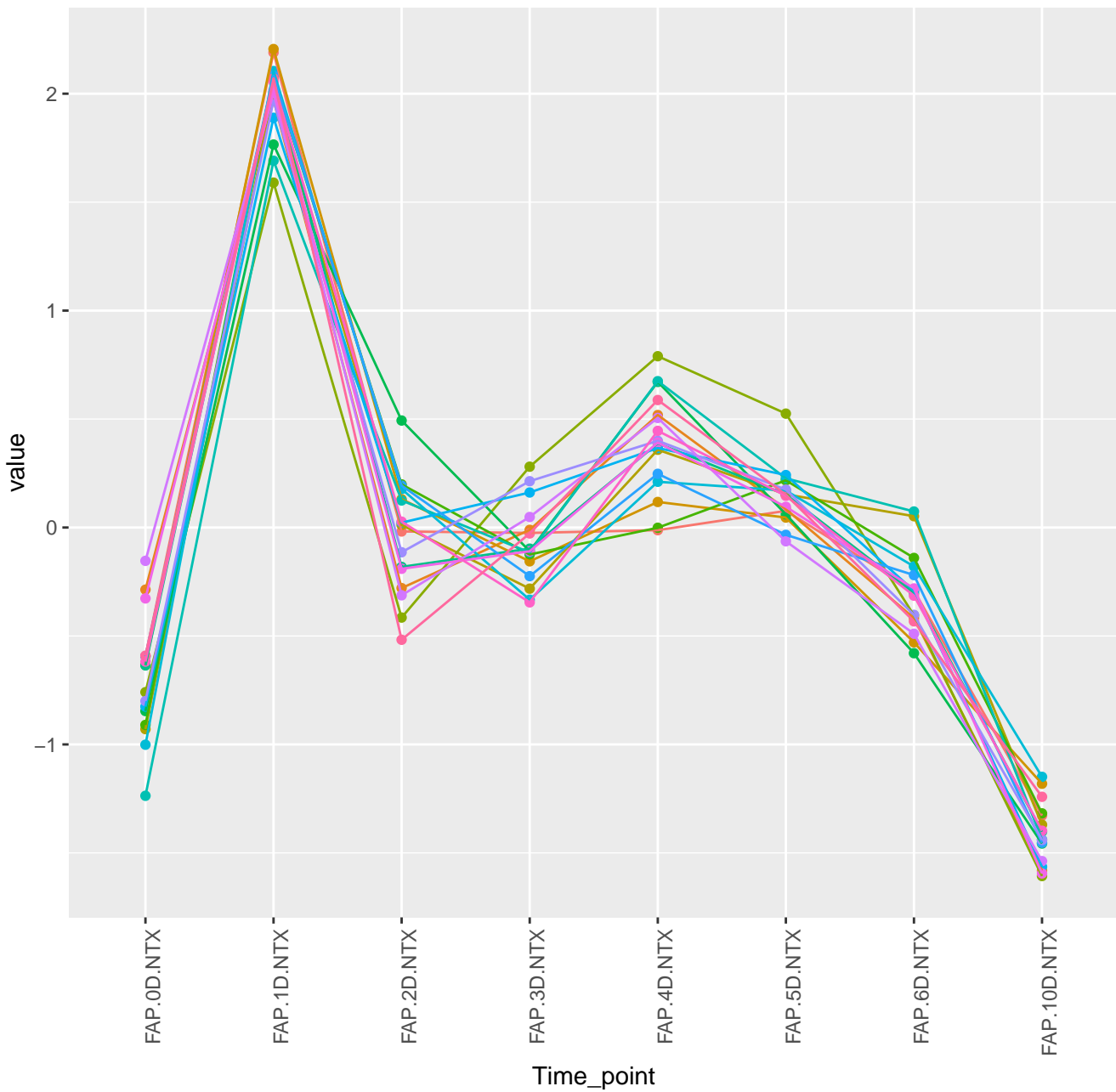
26 genes – cluster 227



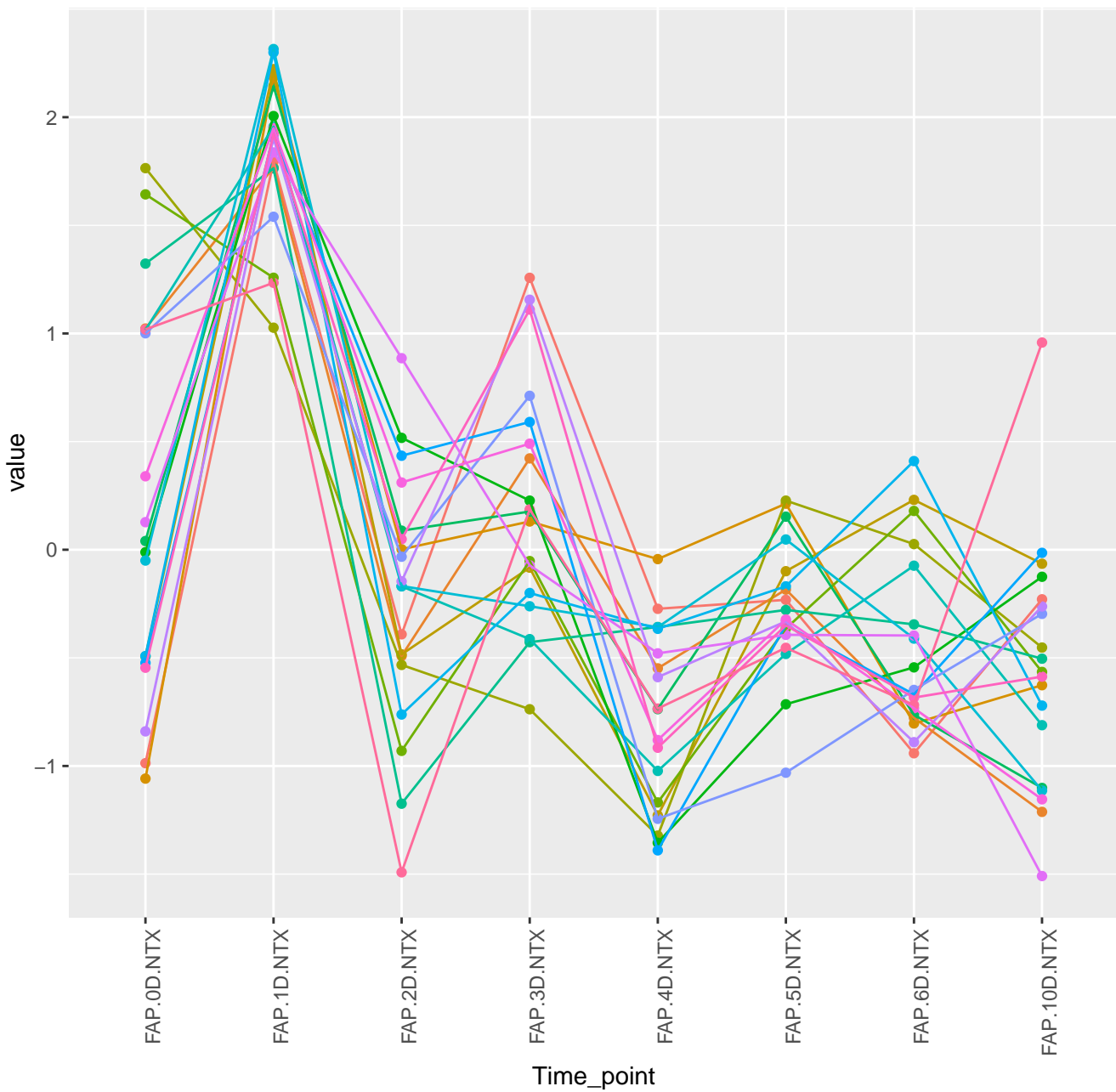
15 genes – cluster 228



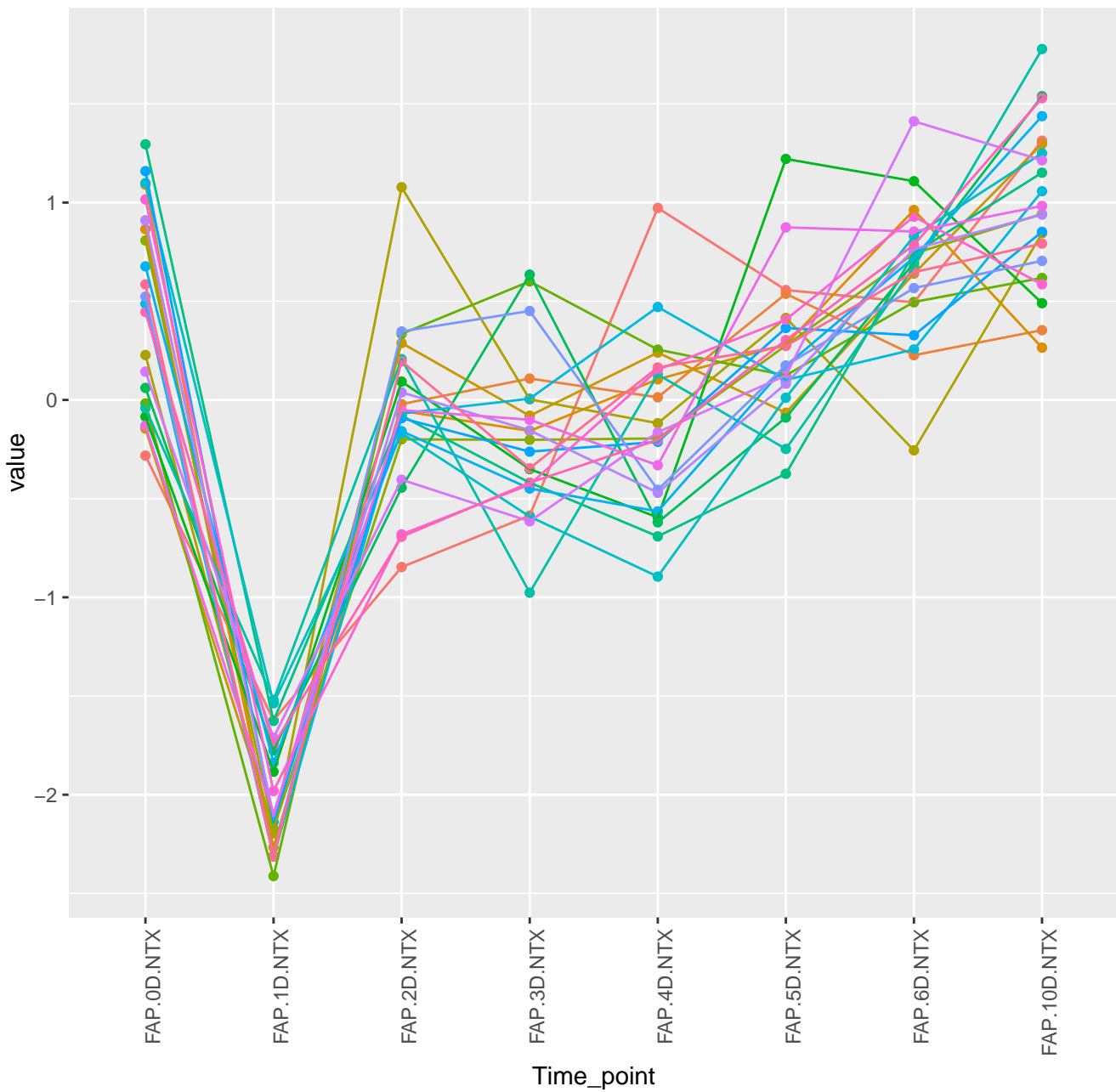
17 genes – cluster 229



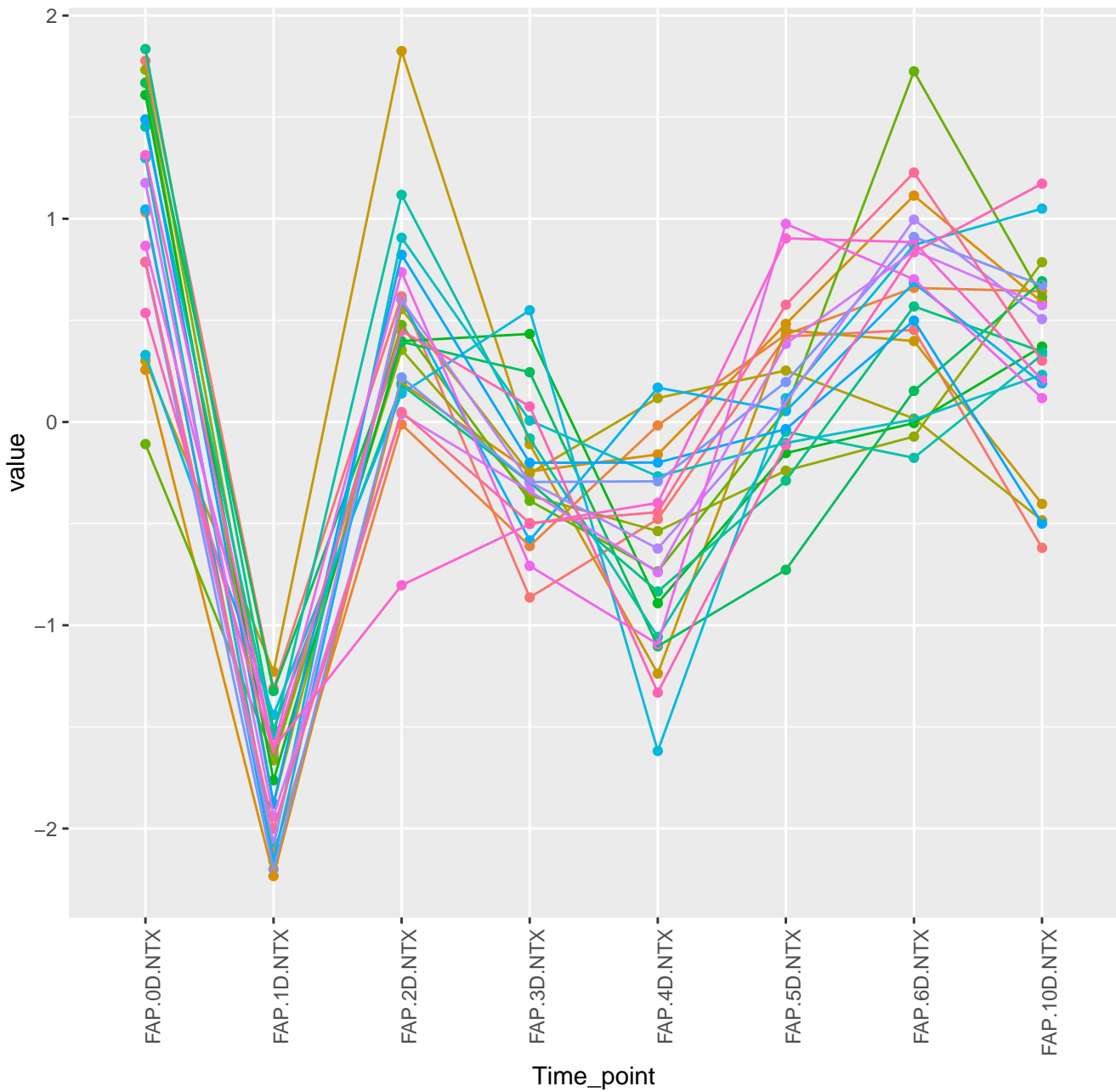
19 genes – cluster 230



22 genes – cluster 231

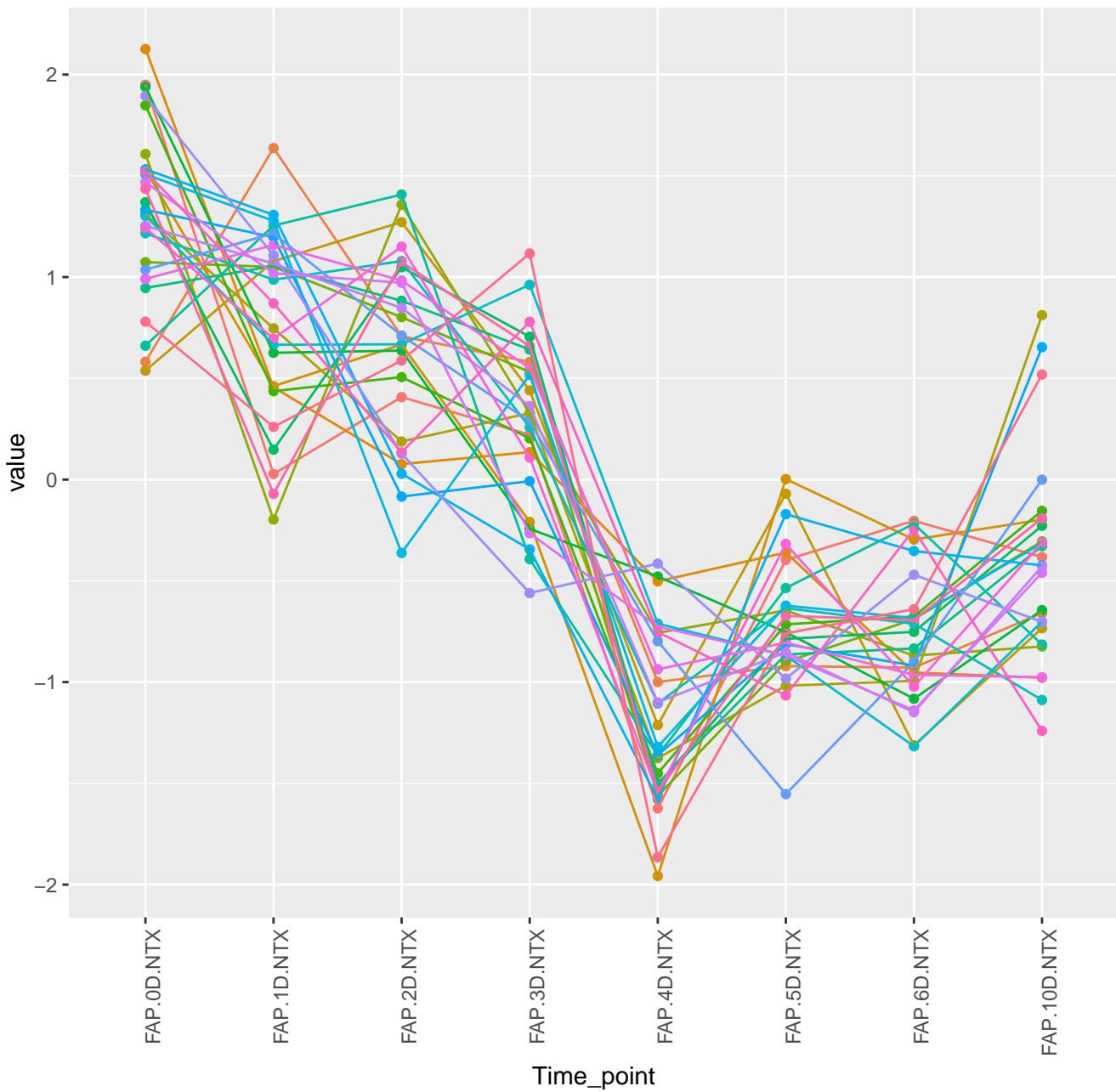


22 genes – cluster 232

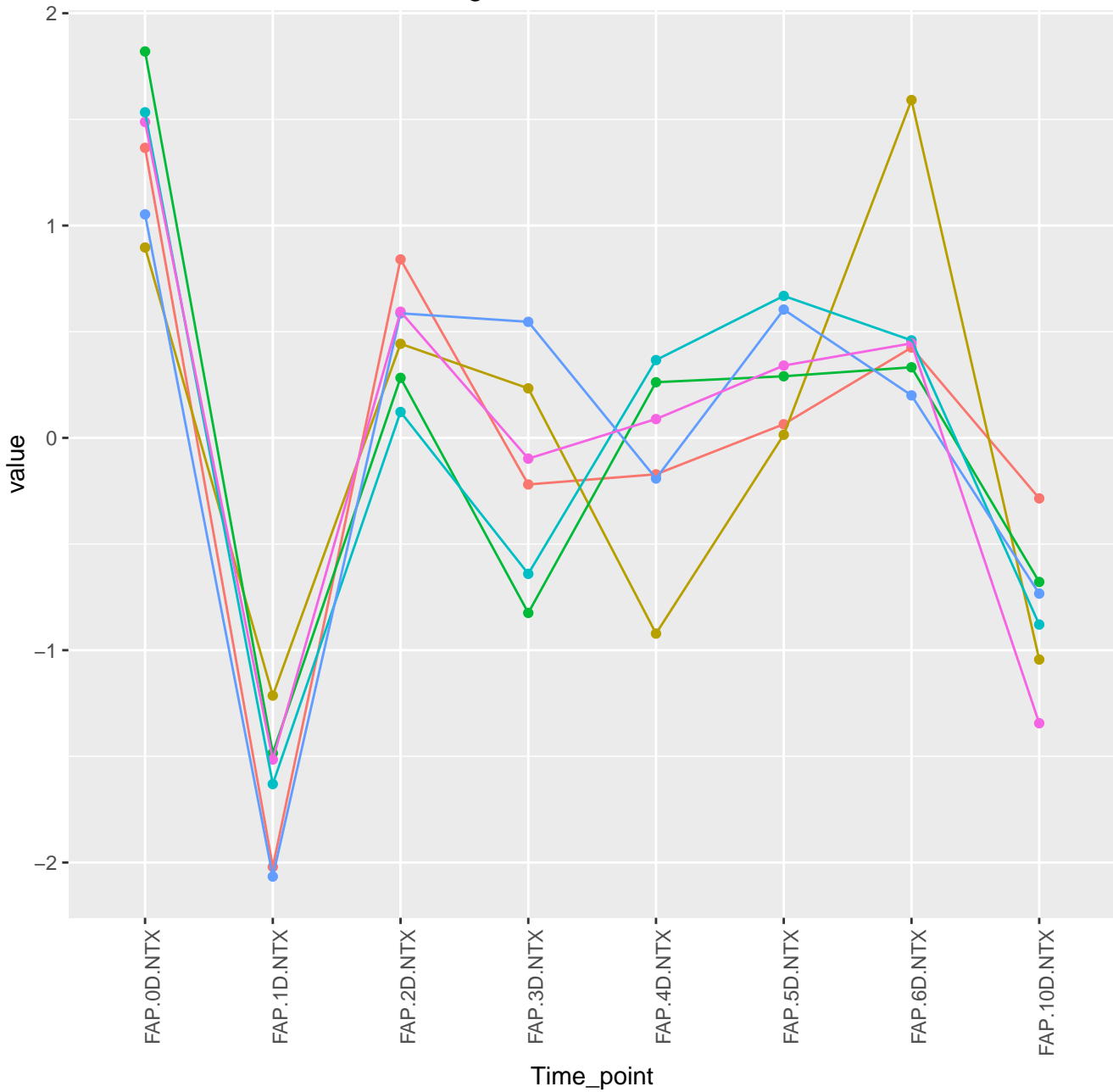




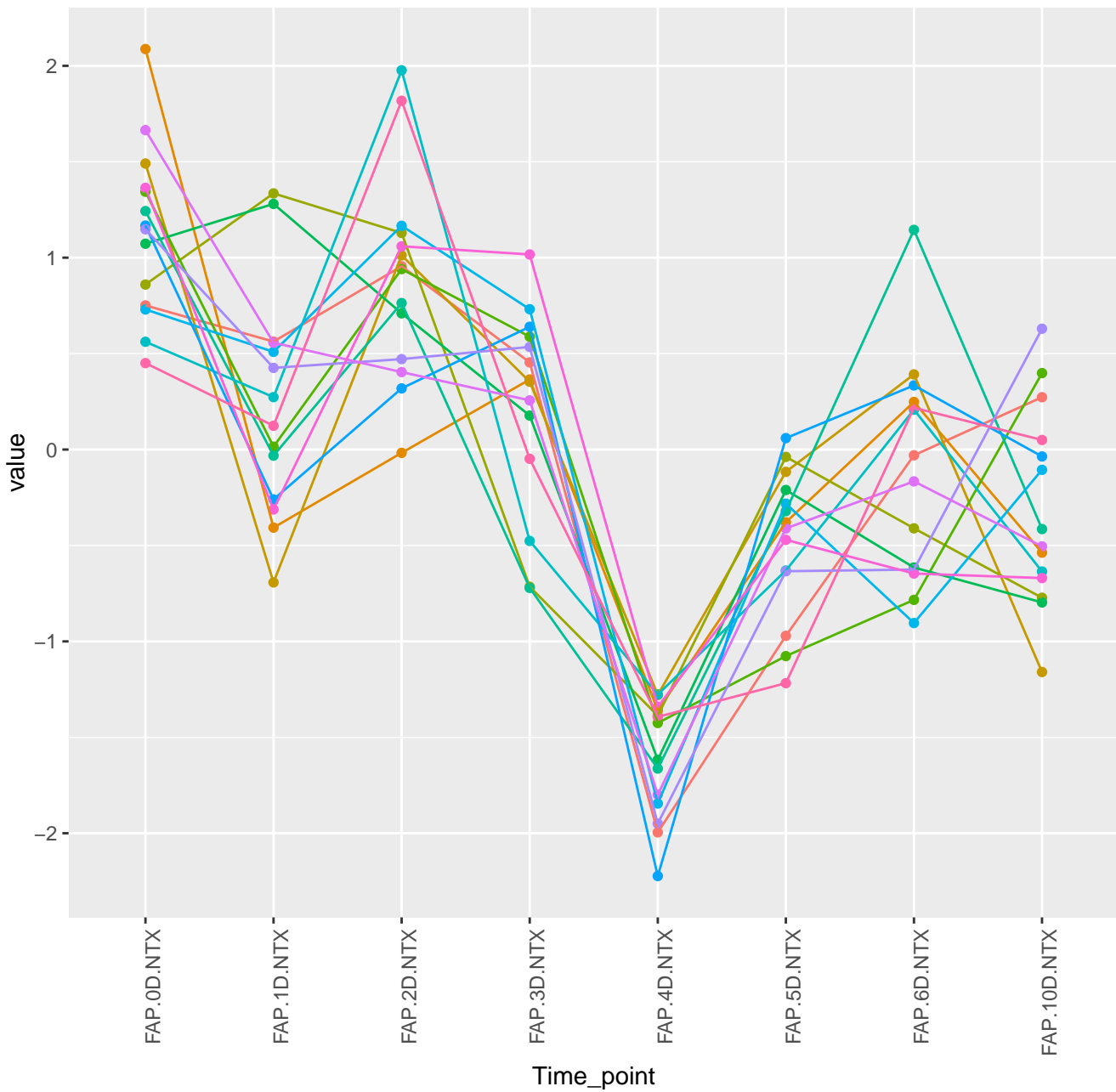
27 genes – cluster 233



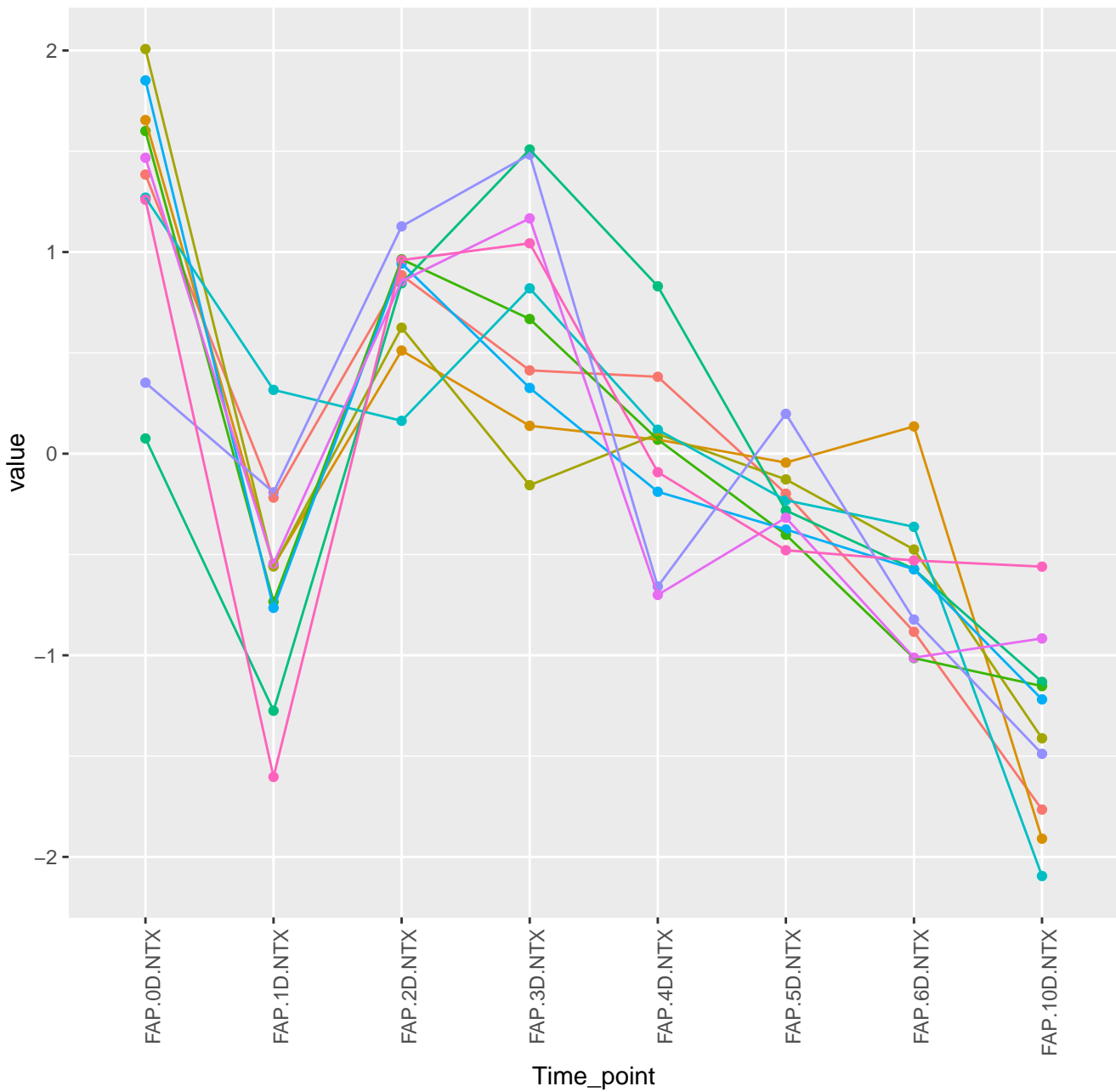
6 genes – cluster 234



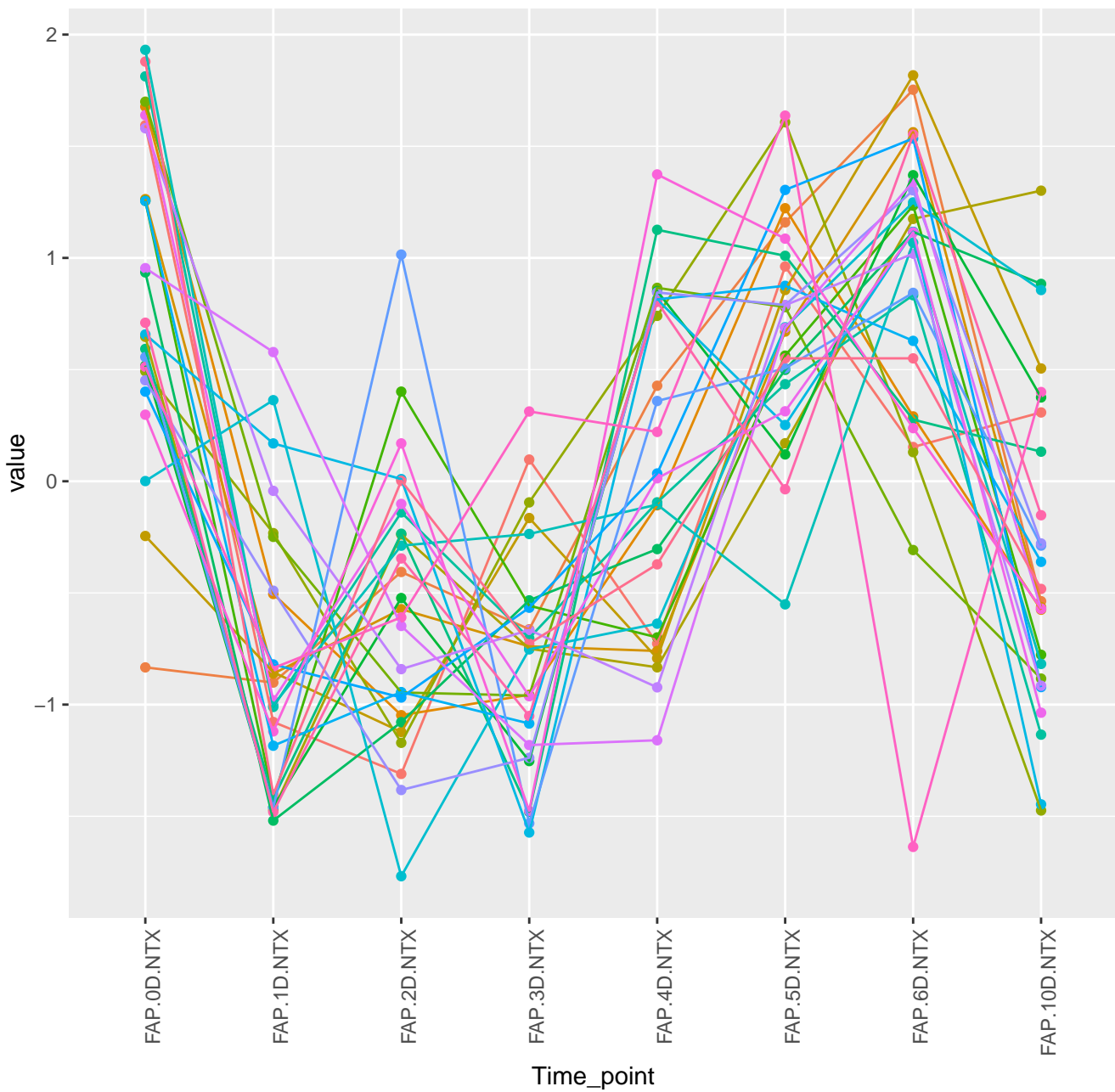
14 genes – cluster 235



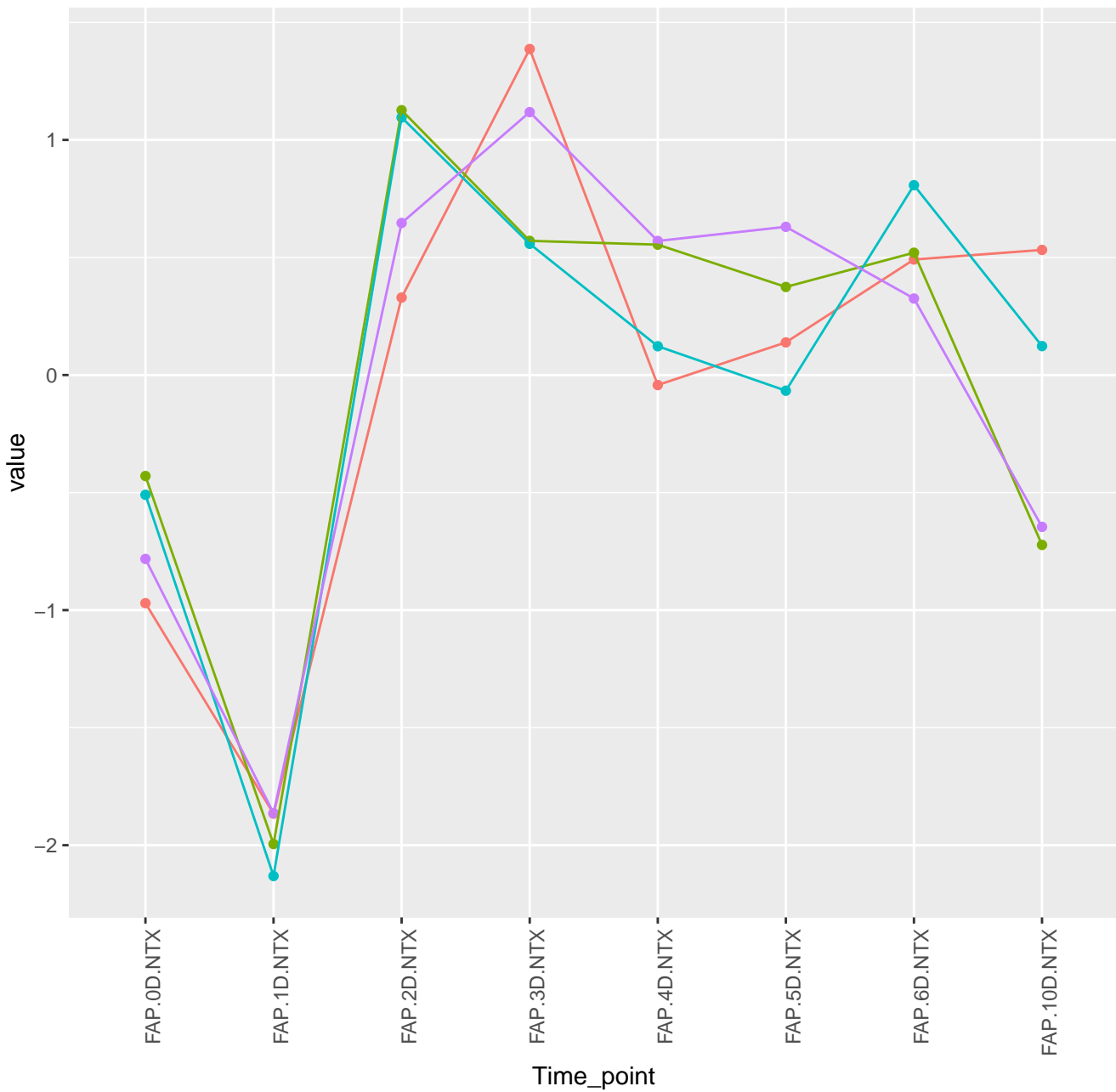
10 genes – cluster 236



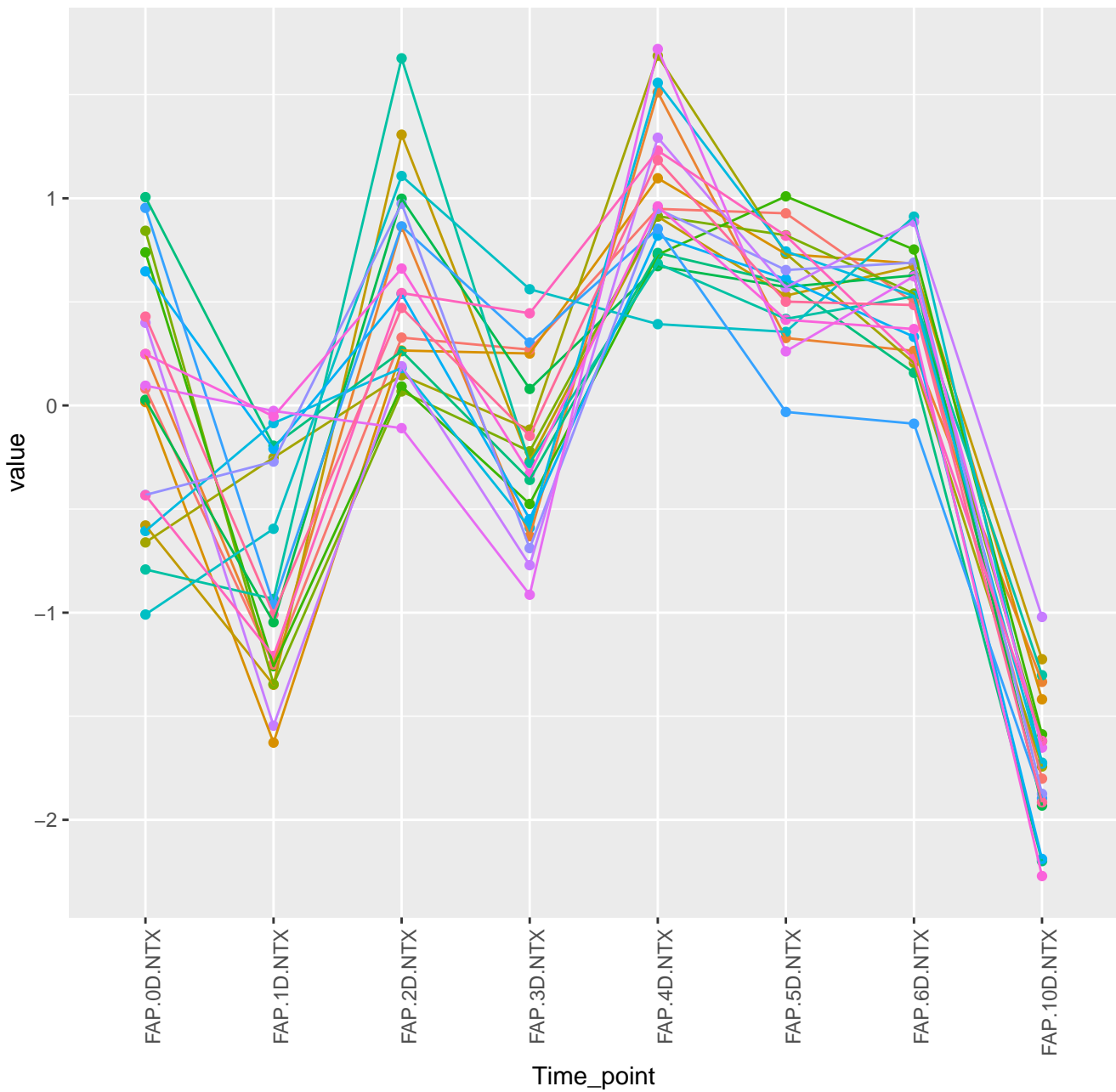
27 genes – cluster 237



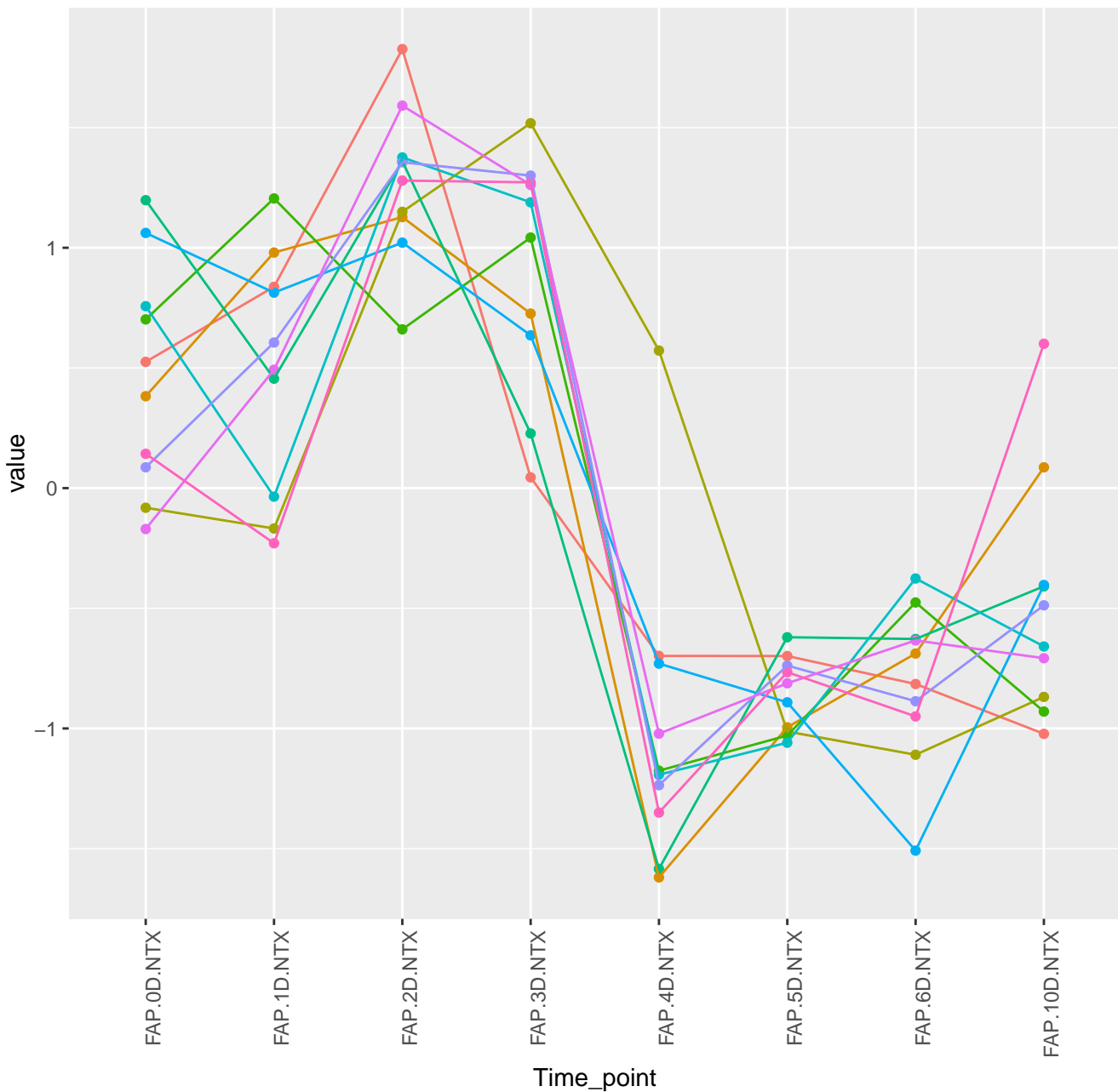
4 genes – cluster 238



20 genes – cluster 239

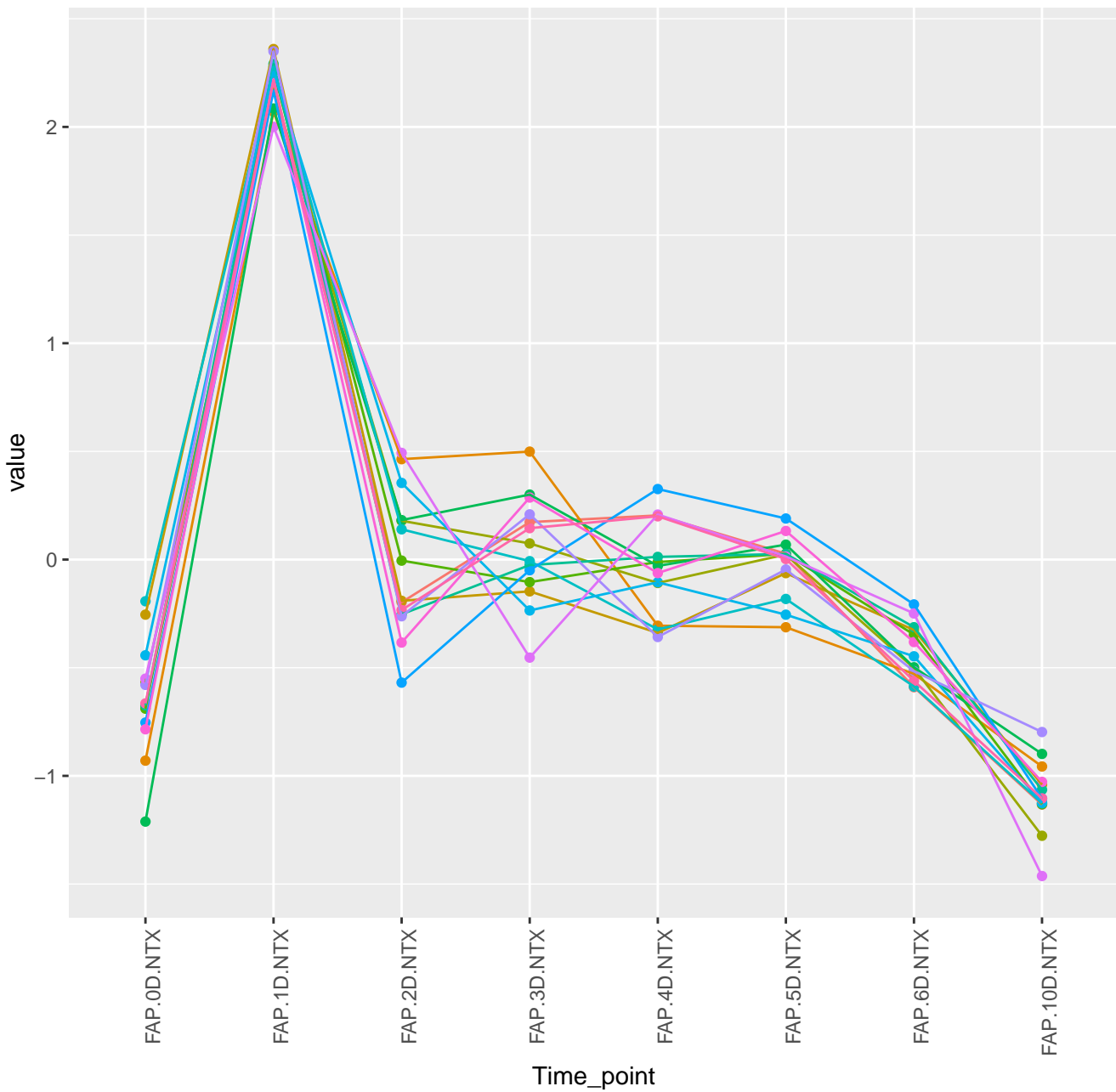


10 genes – cluster 240

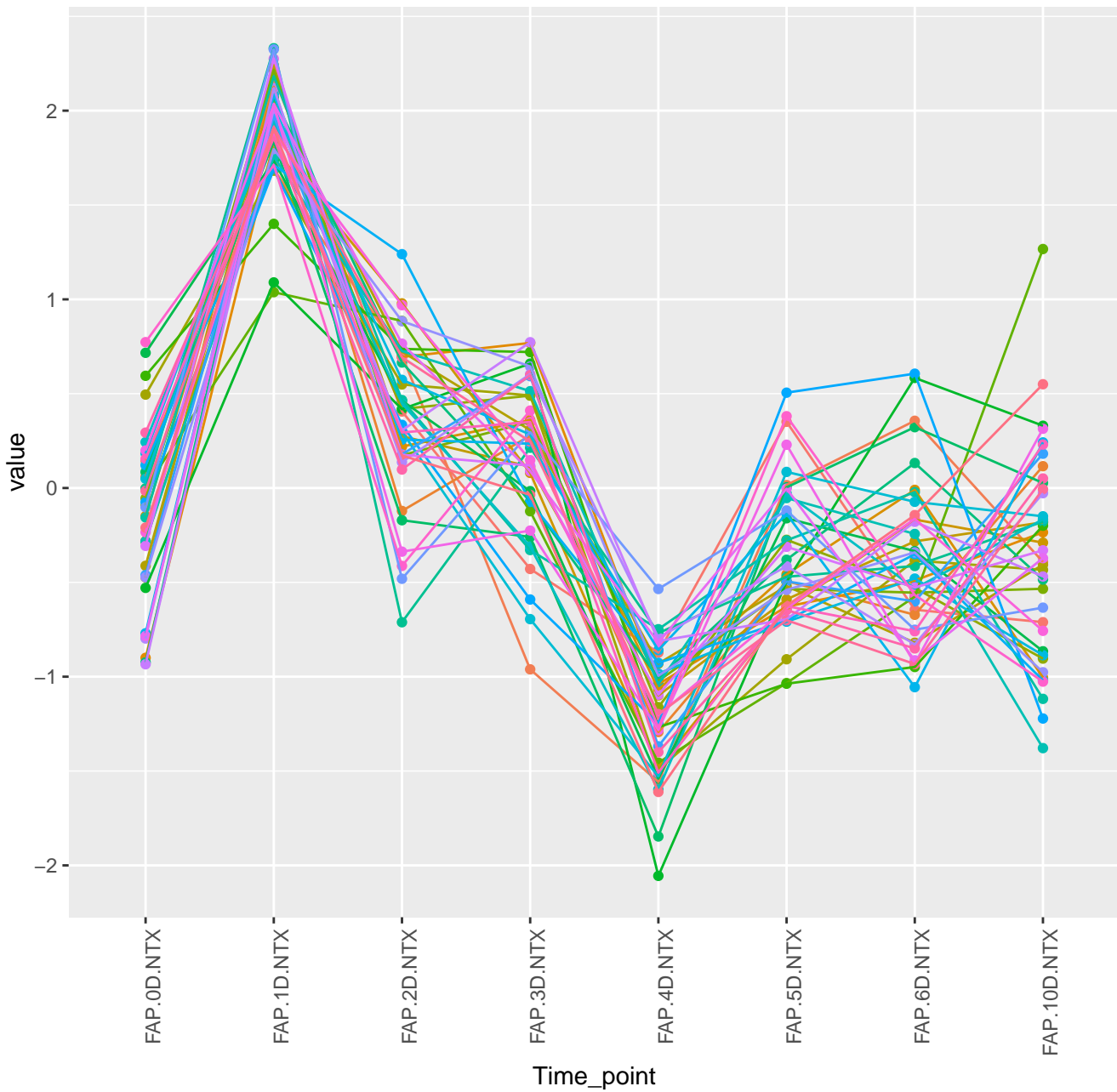




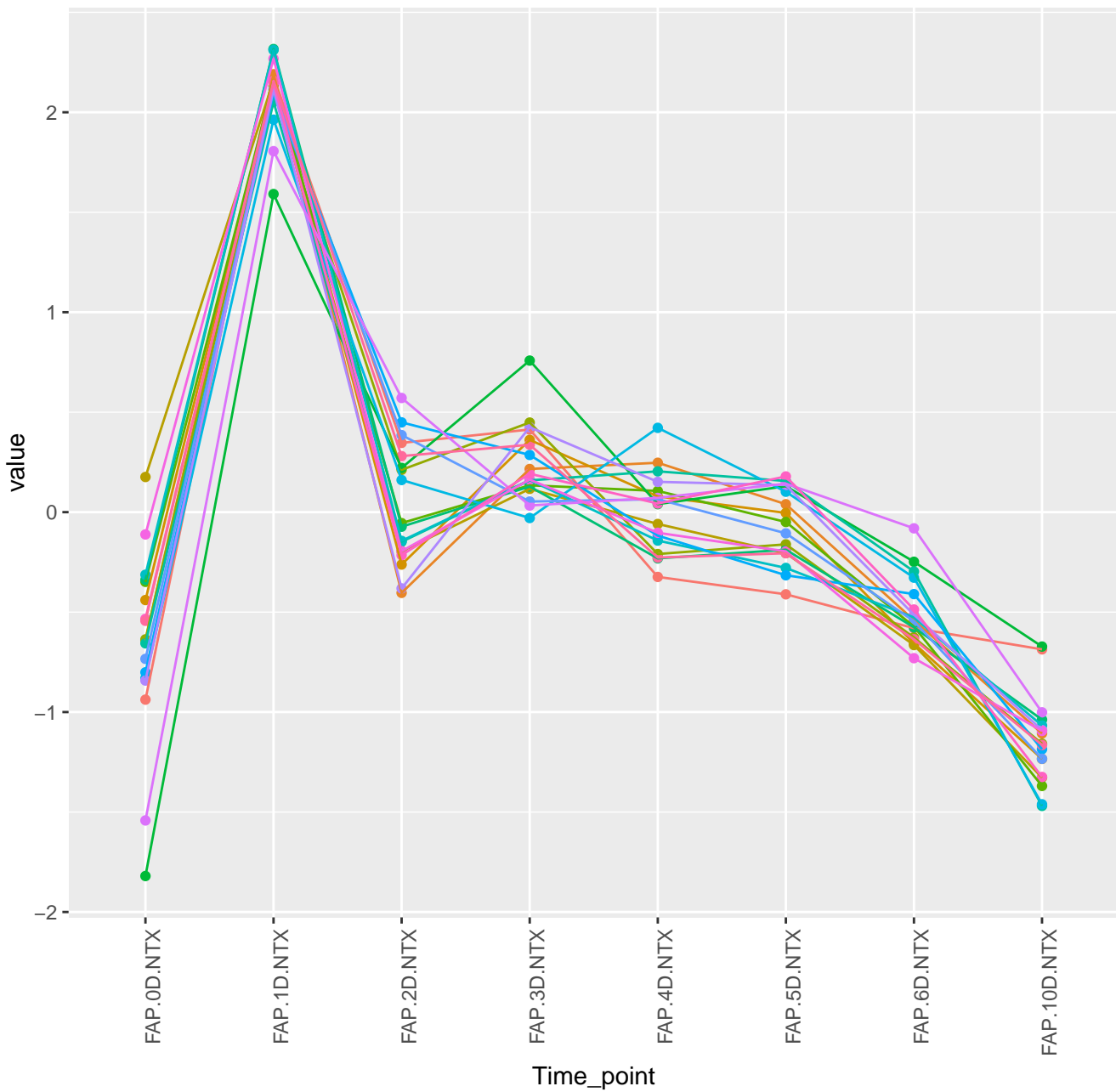
14 genes – cluster 241



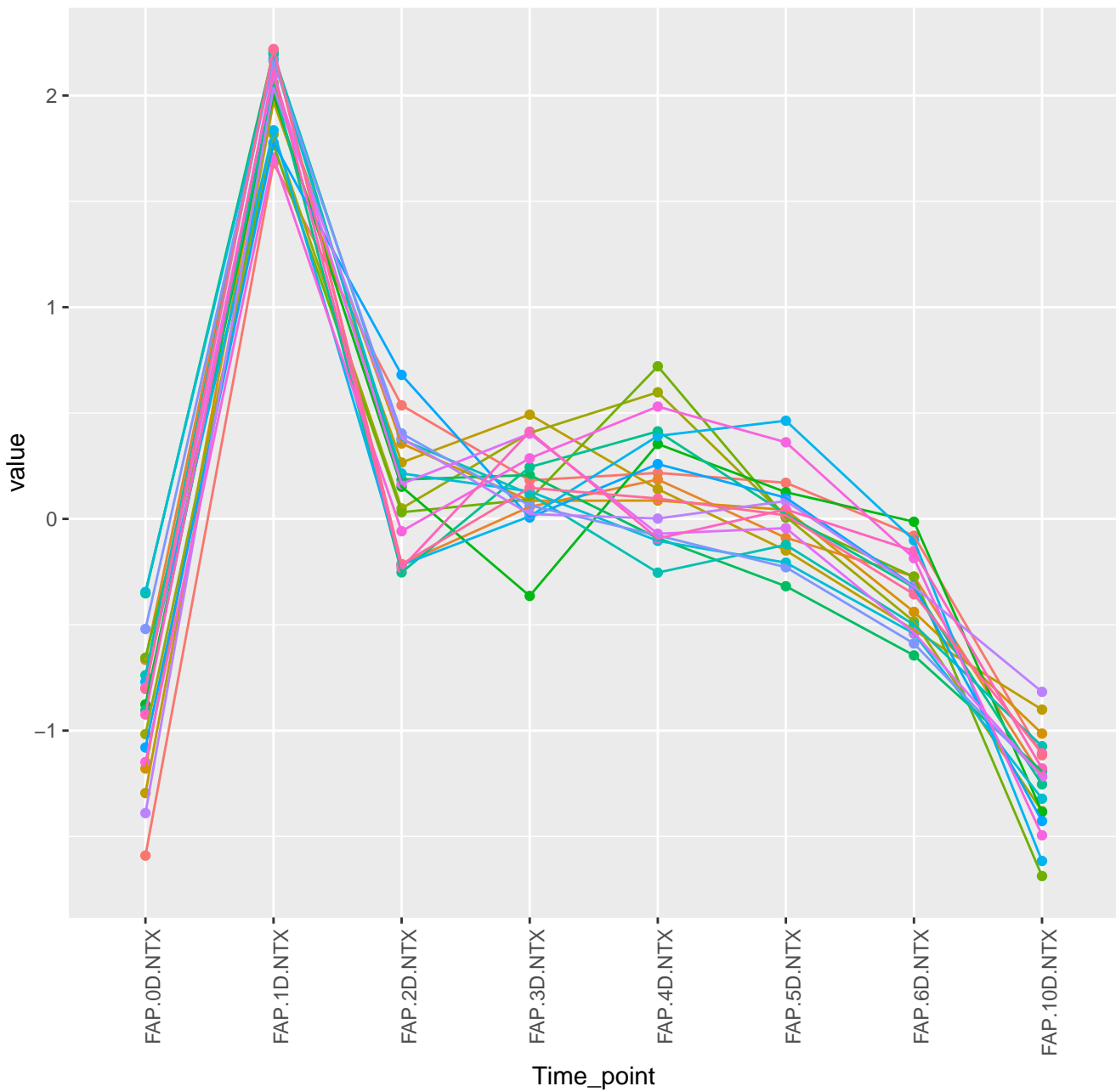
40 genes – cluster 242



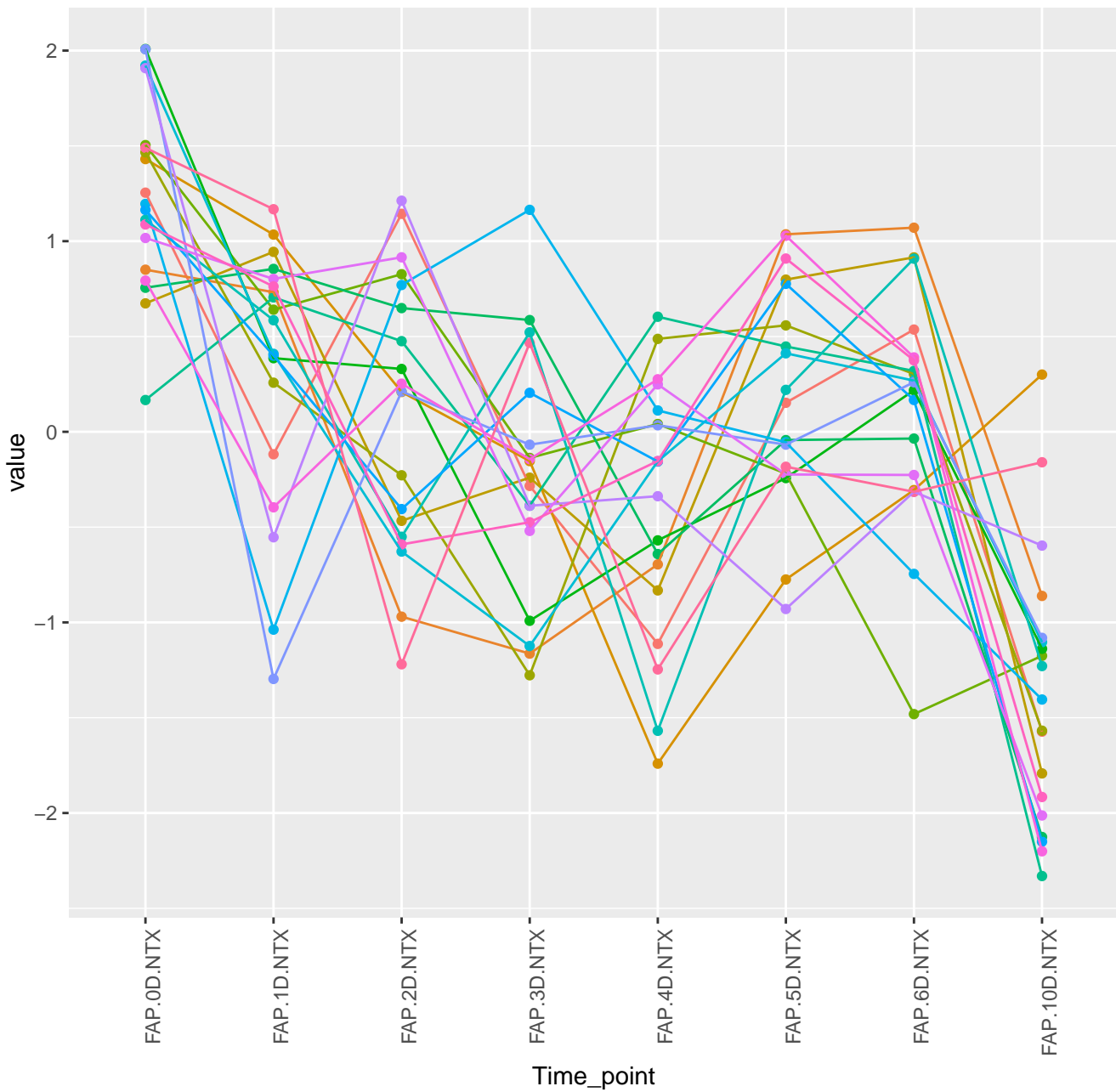
18 genes – cluster 243



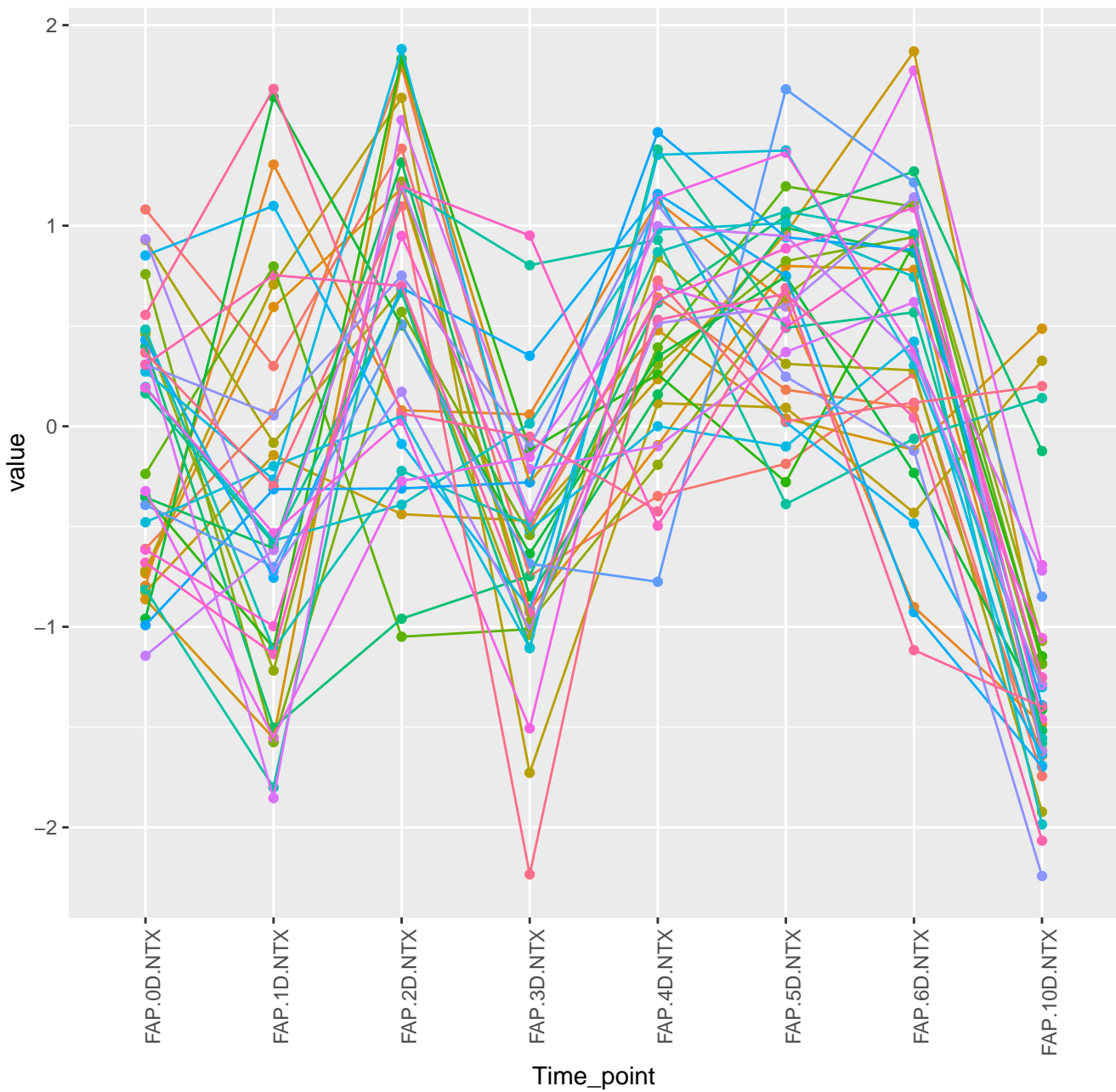
19 genes – cluster 244



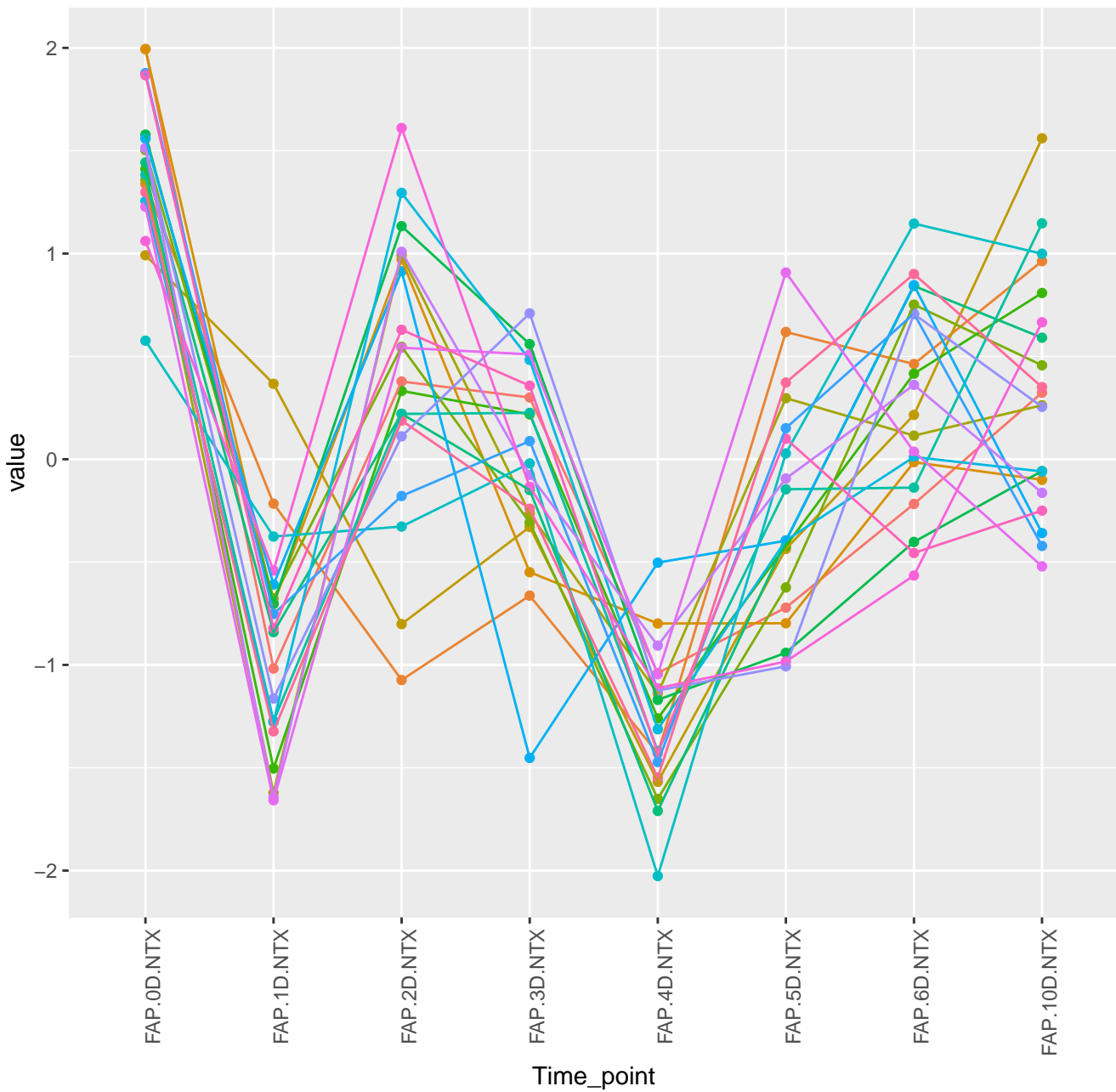
19 genes – cluster 245



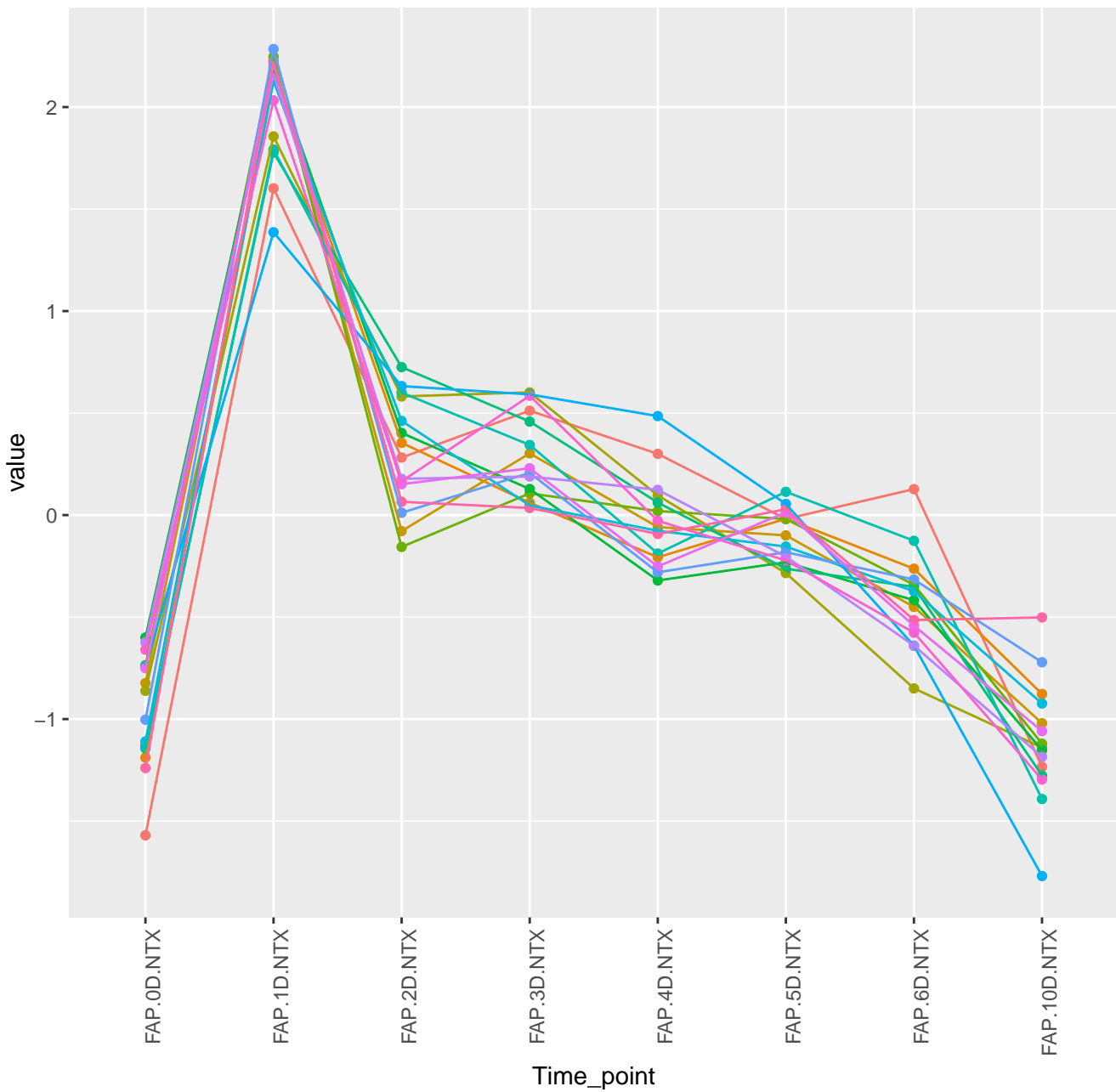
36 genes – cluster 246



20 genes – cluster 247

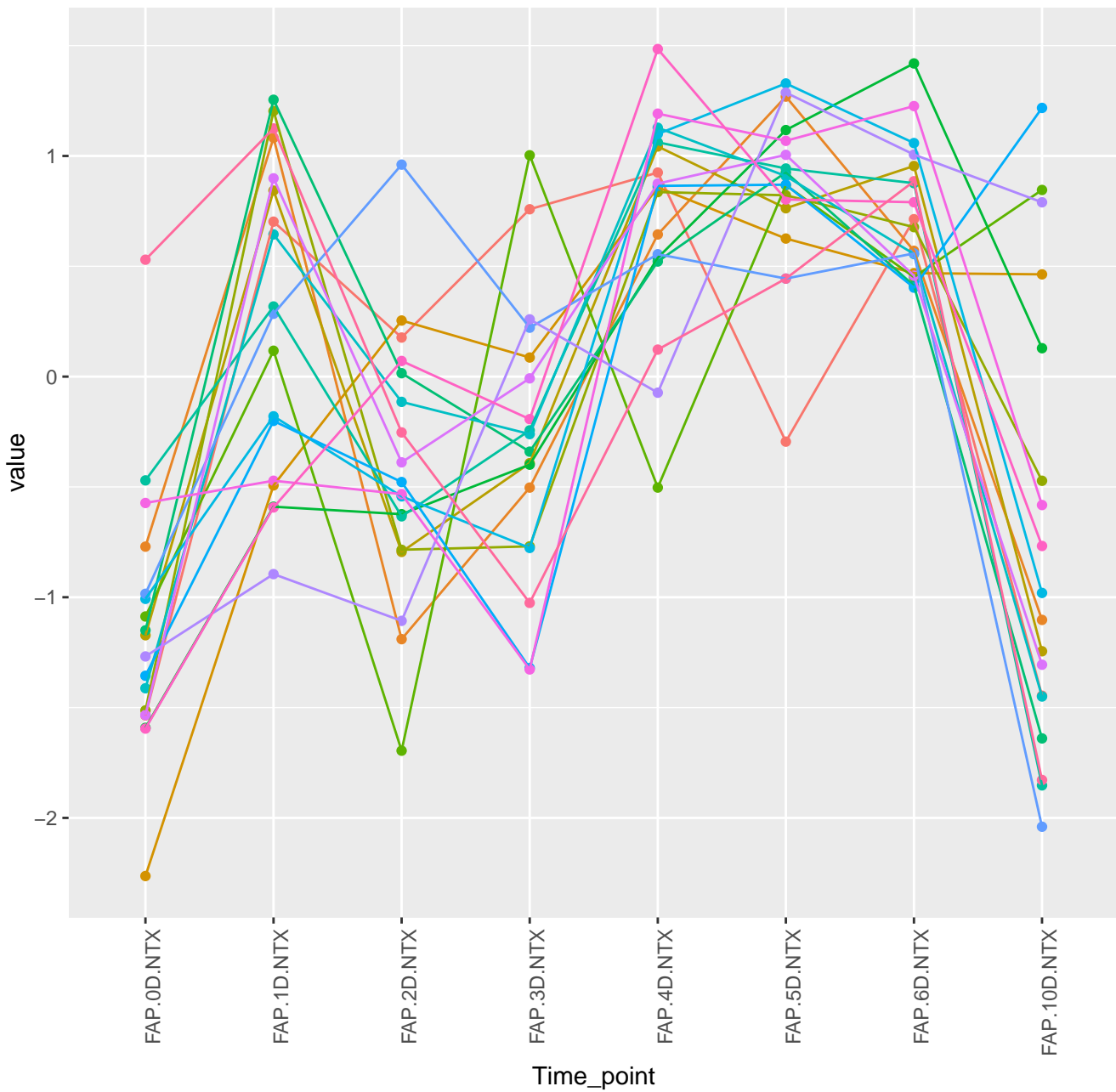


15 genes – cluster 248

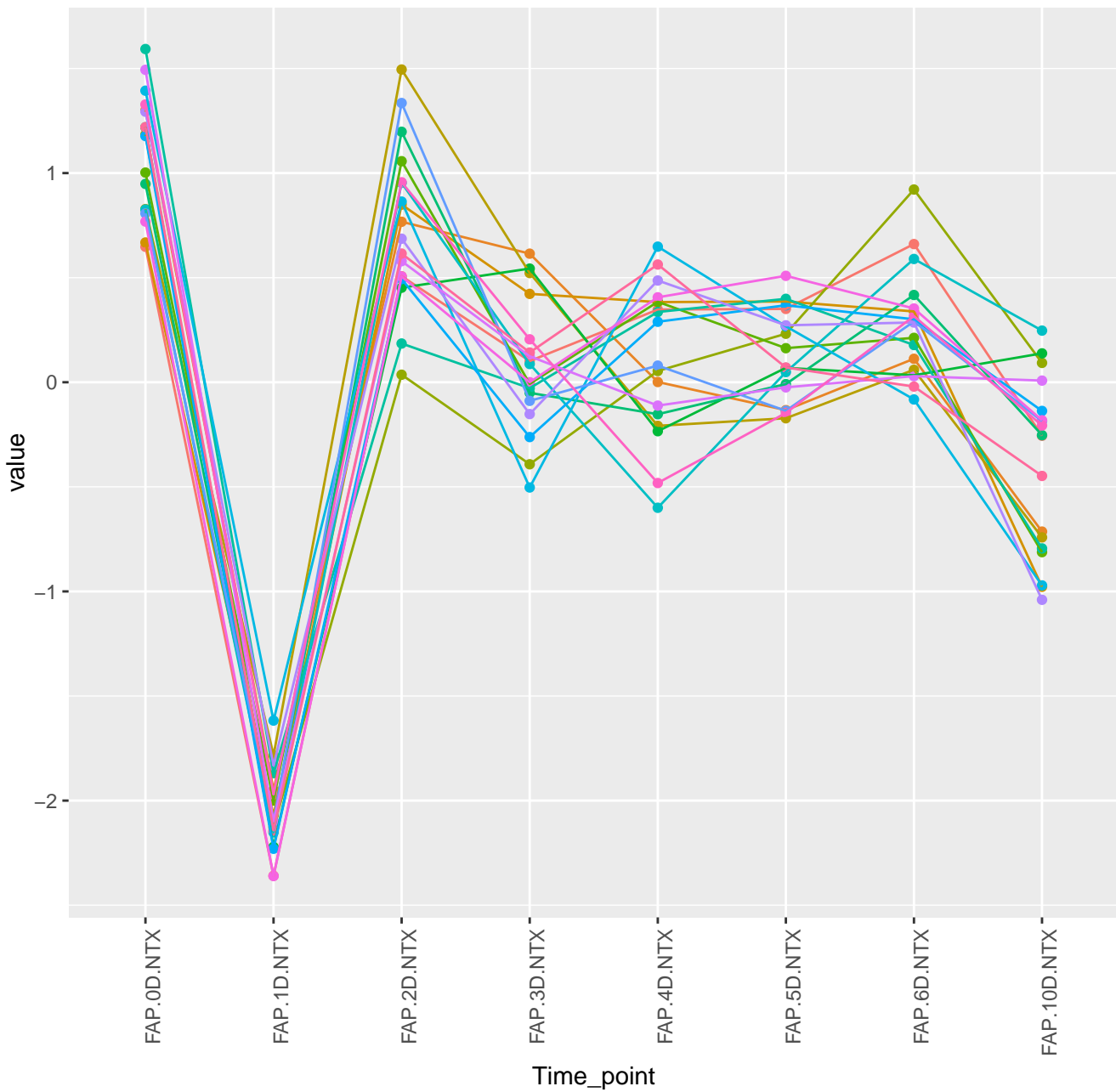




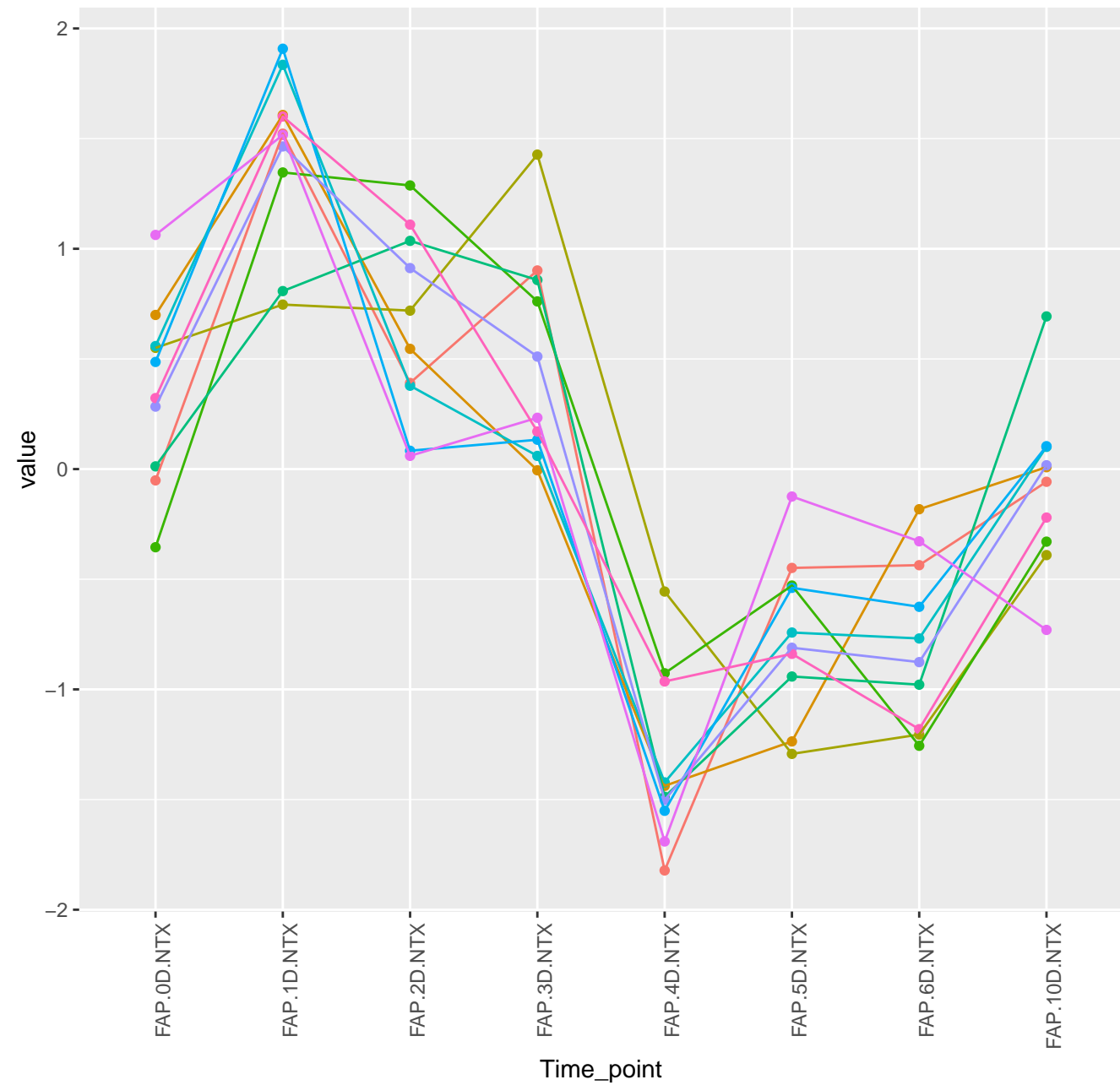
18 genes – cluster 249



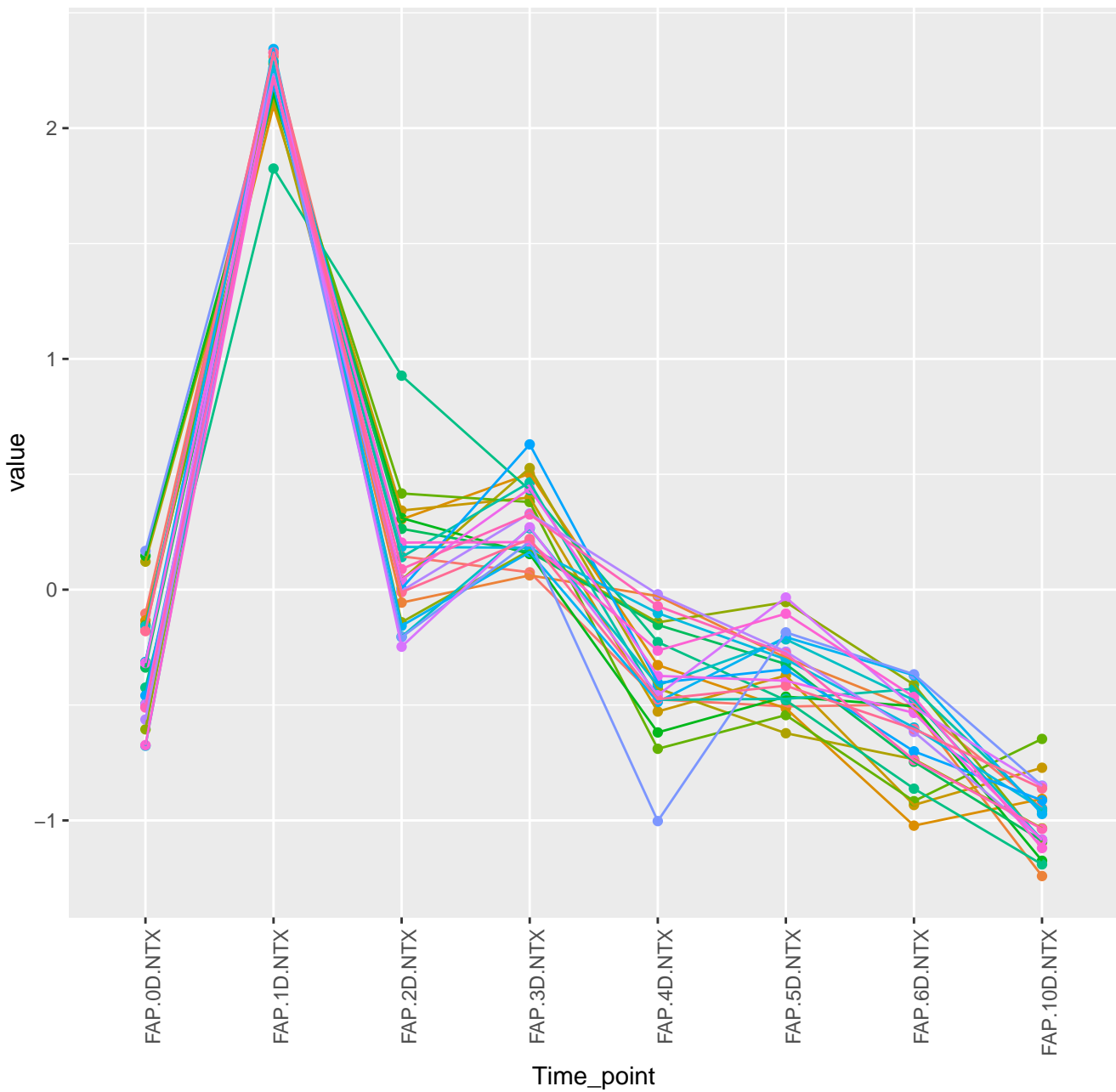
18 genes – cluster 250



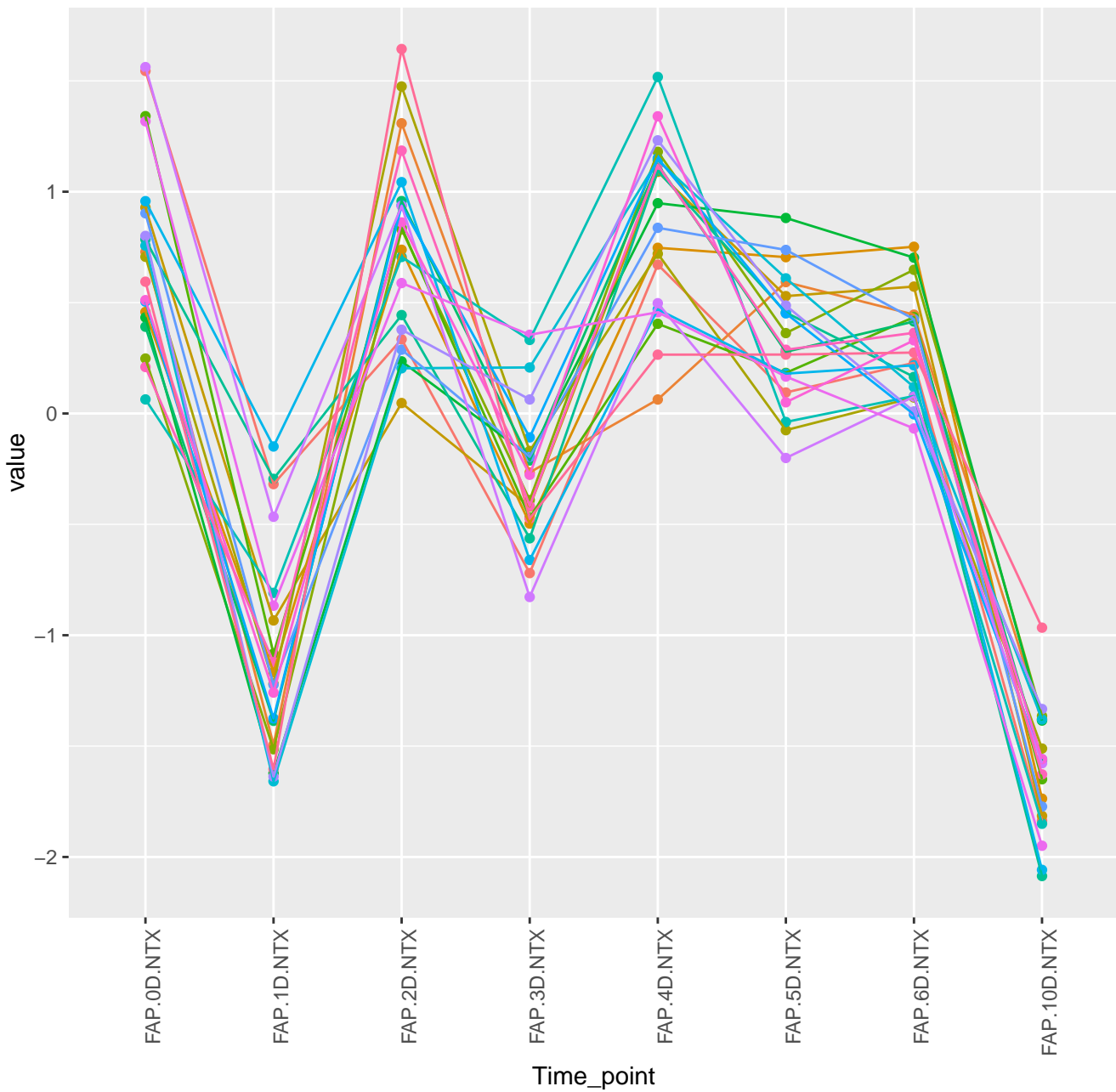
10 genes – cluster 251



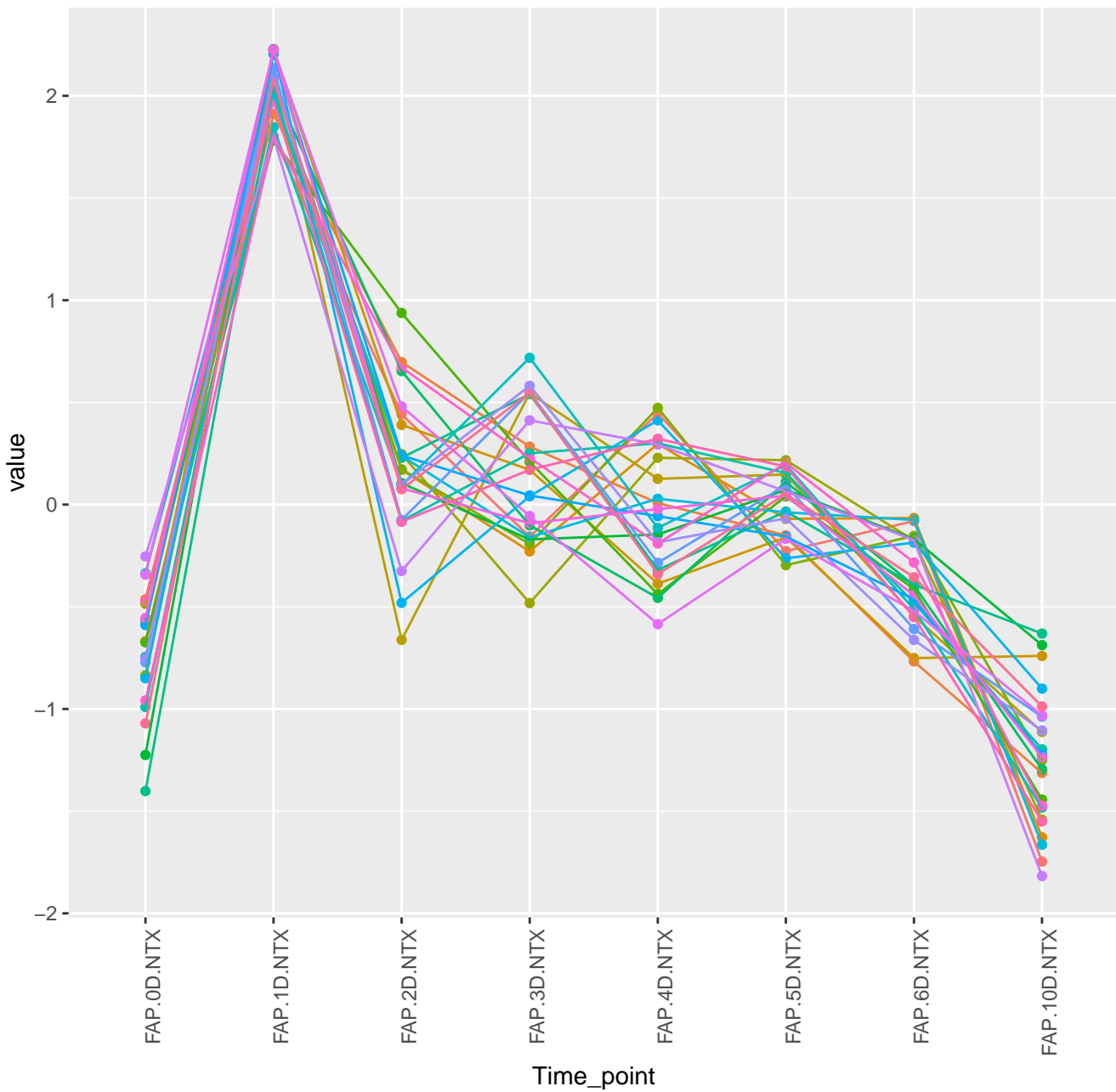
22 genes – cluster 252



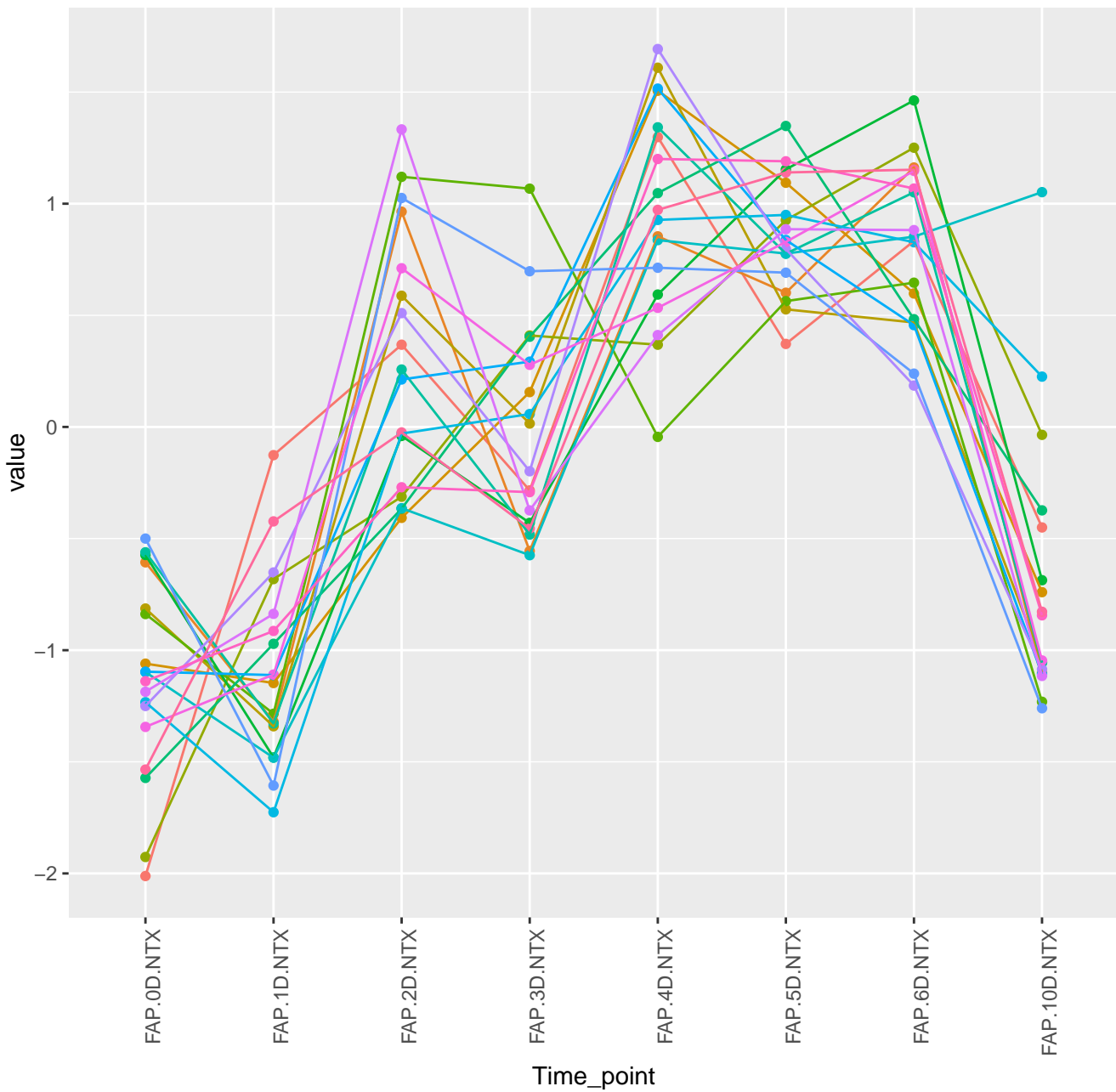
21 genes – cluster 253



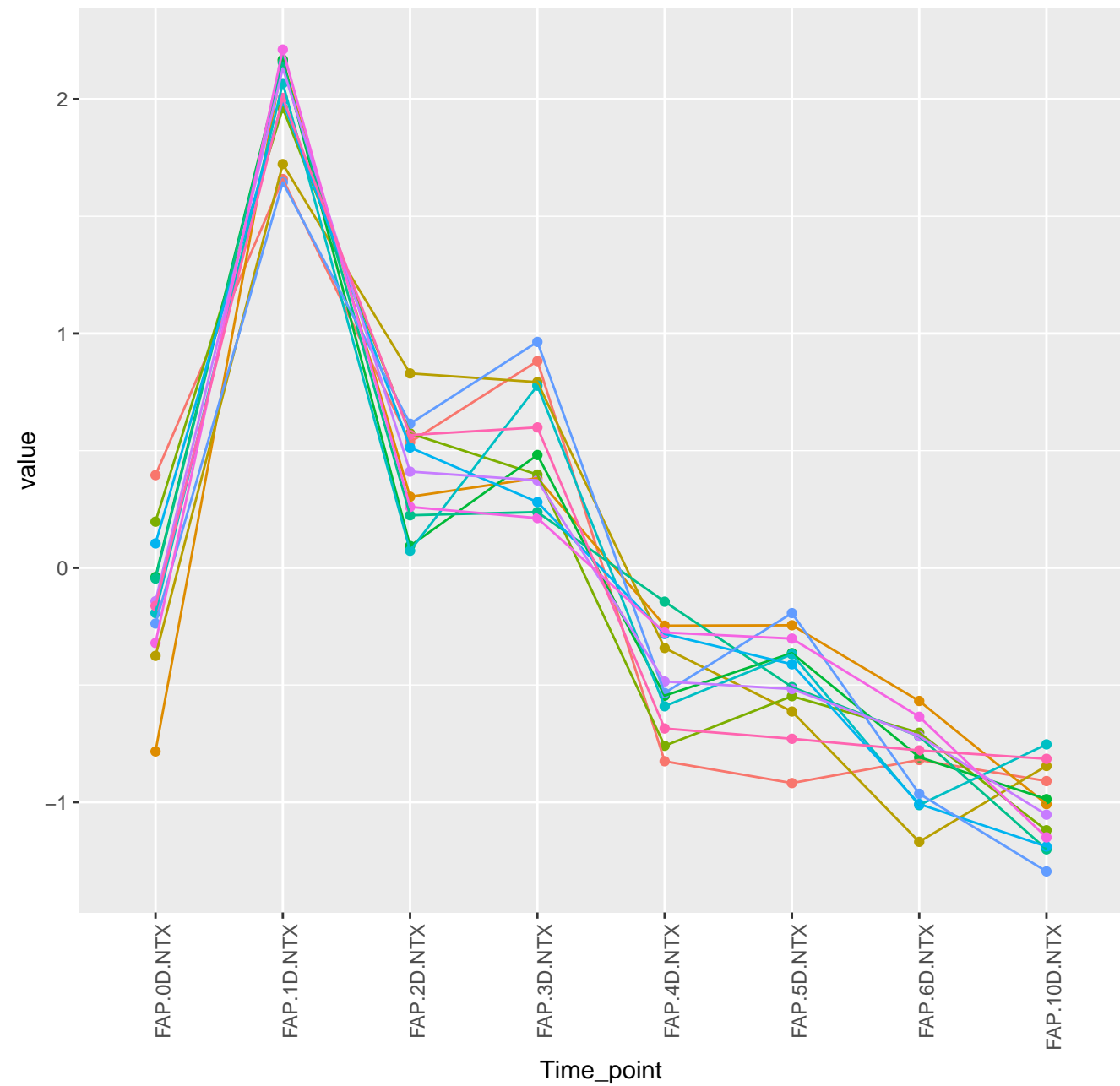
24 genes – cluster 254



18 genes – cluster 255

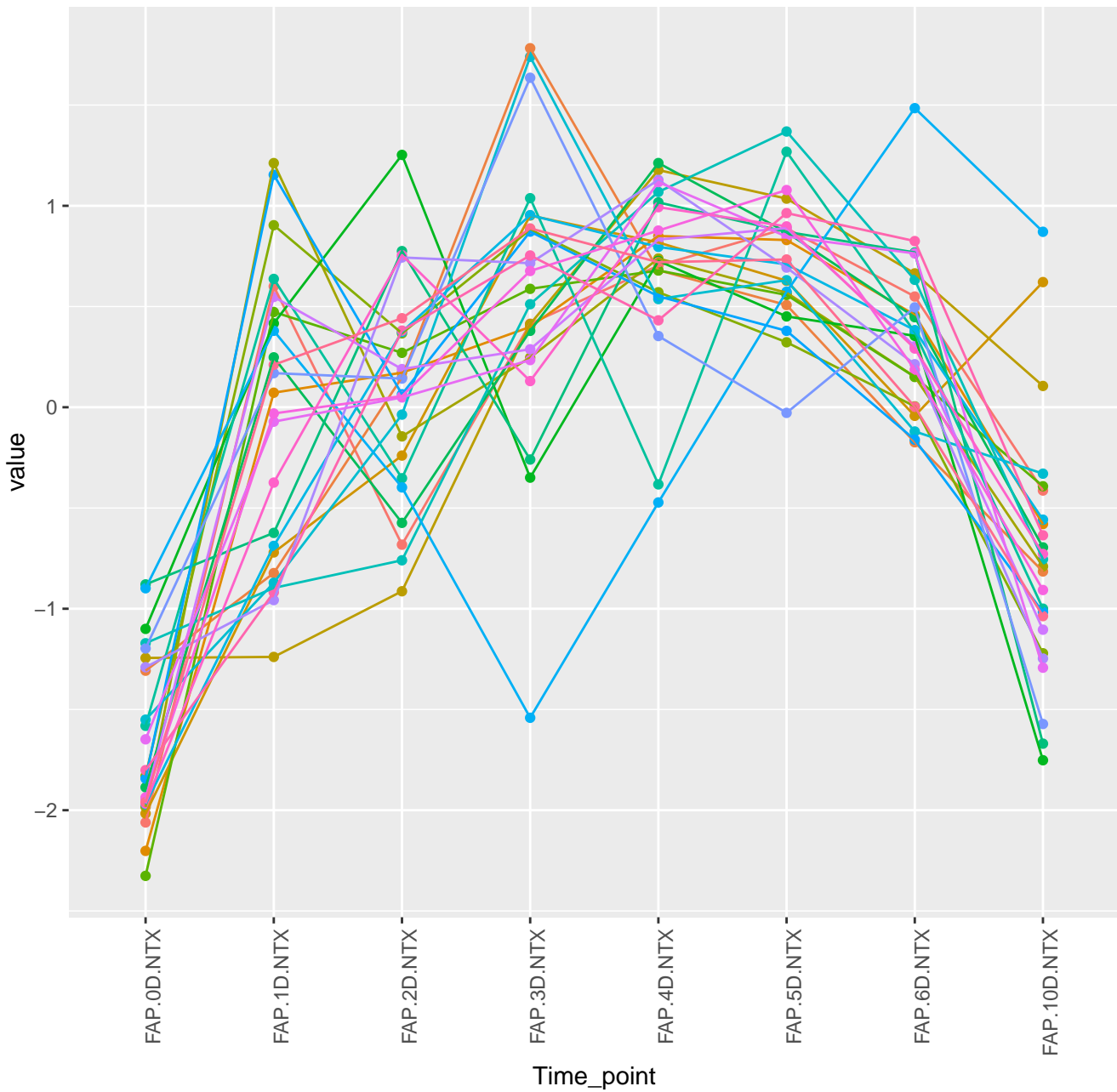


12 genes – cluster 256

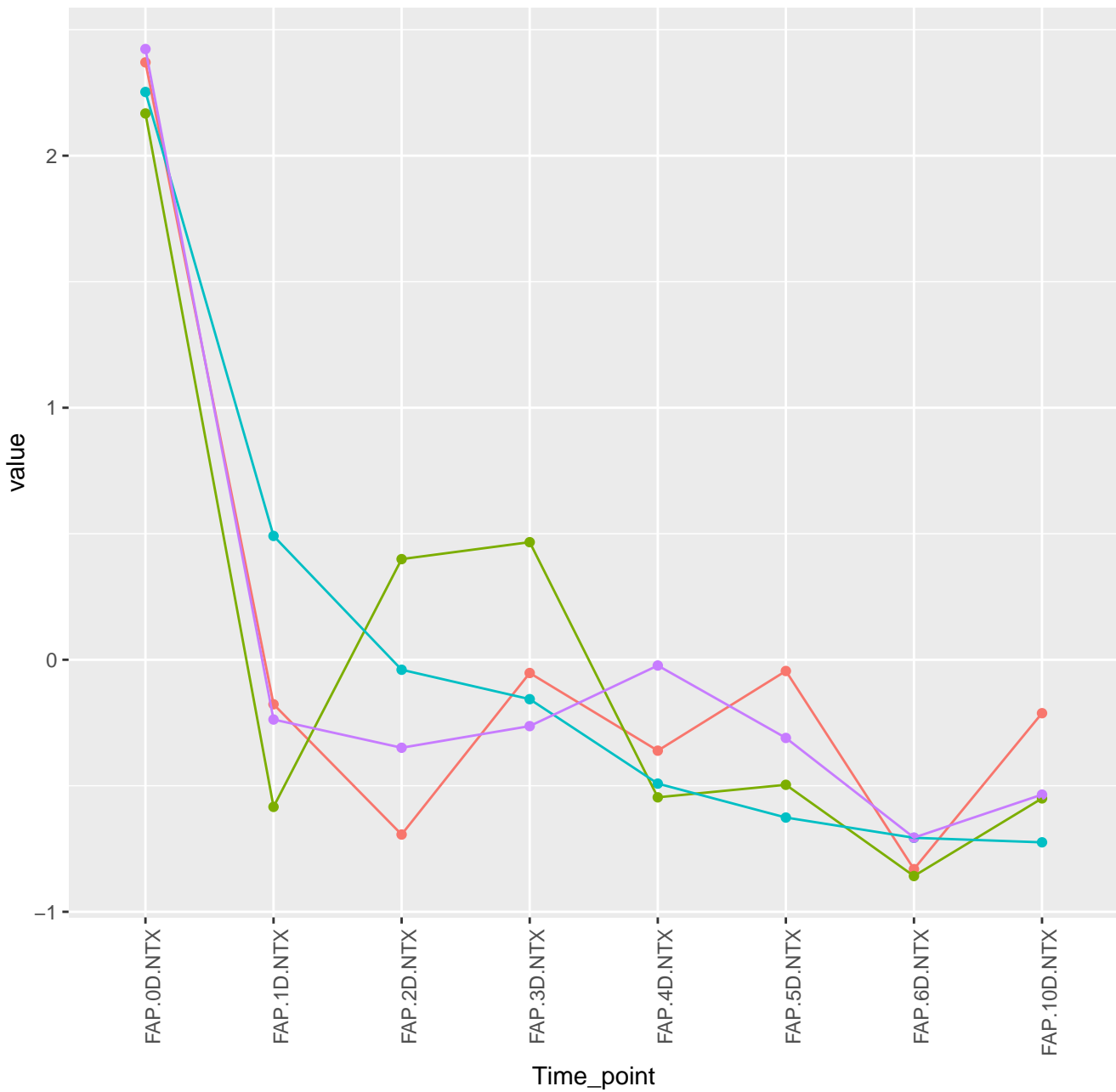




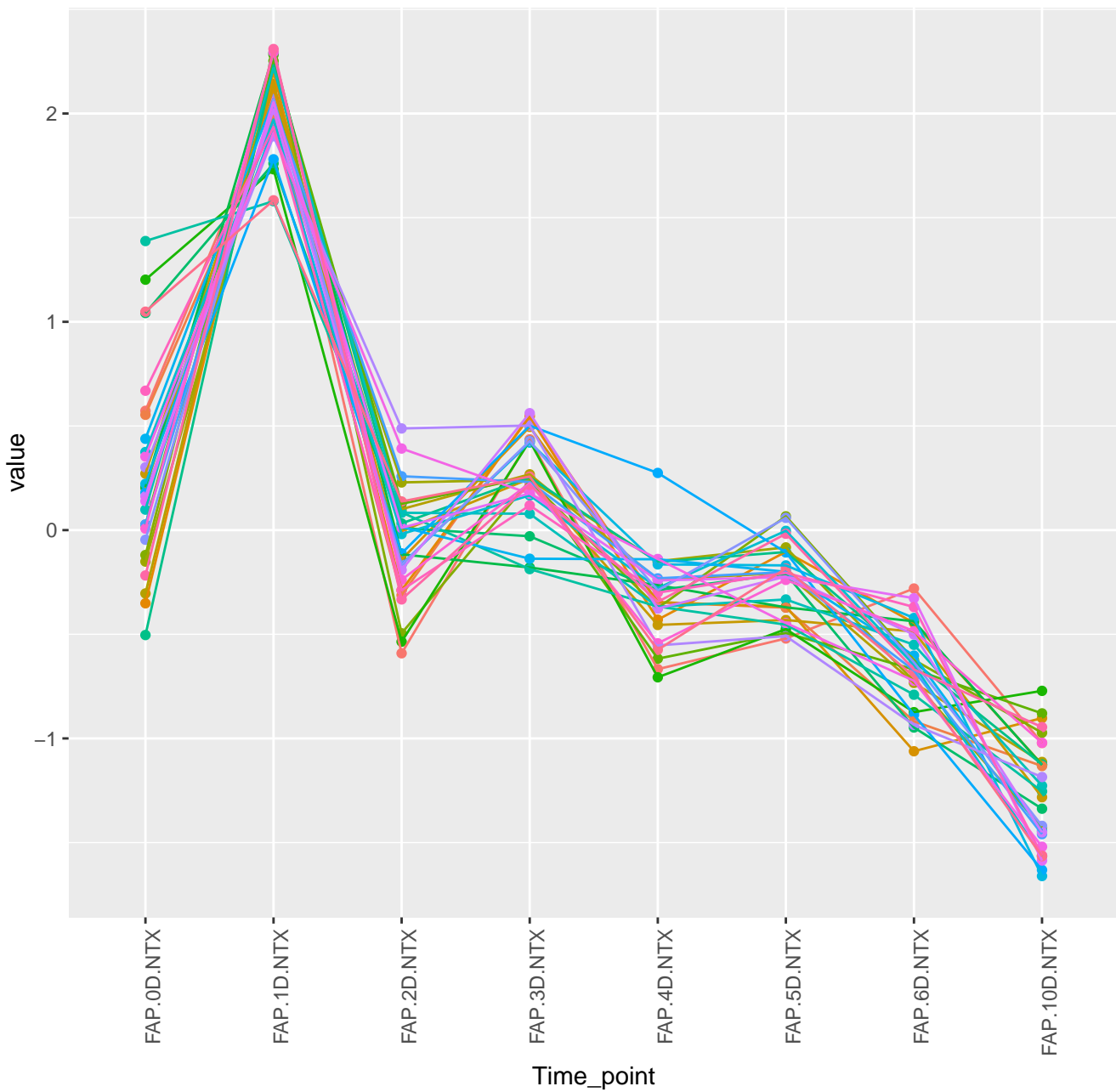
25 genes – cluster 257



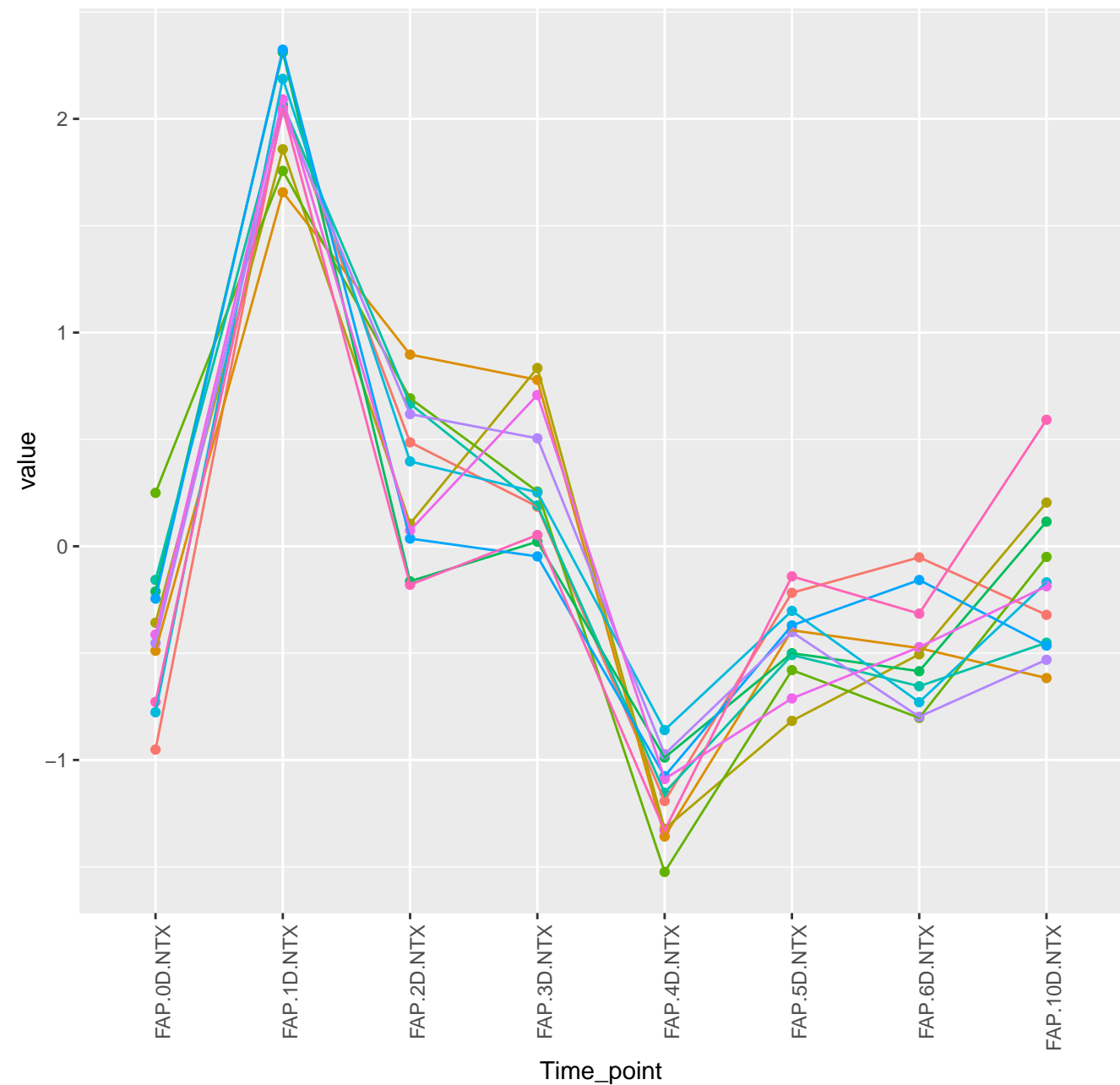
4 genes – cluster 258



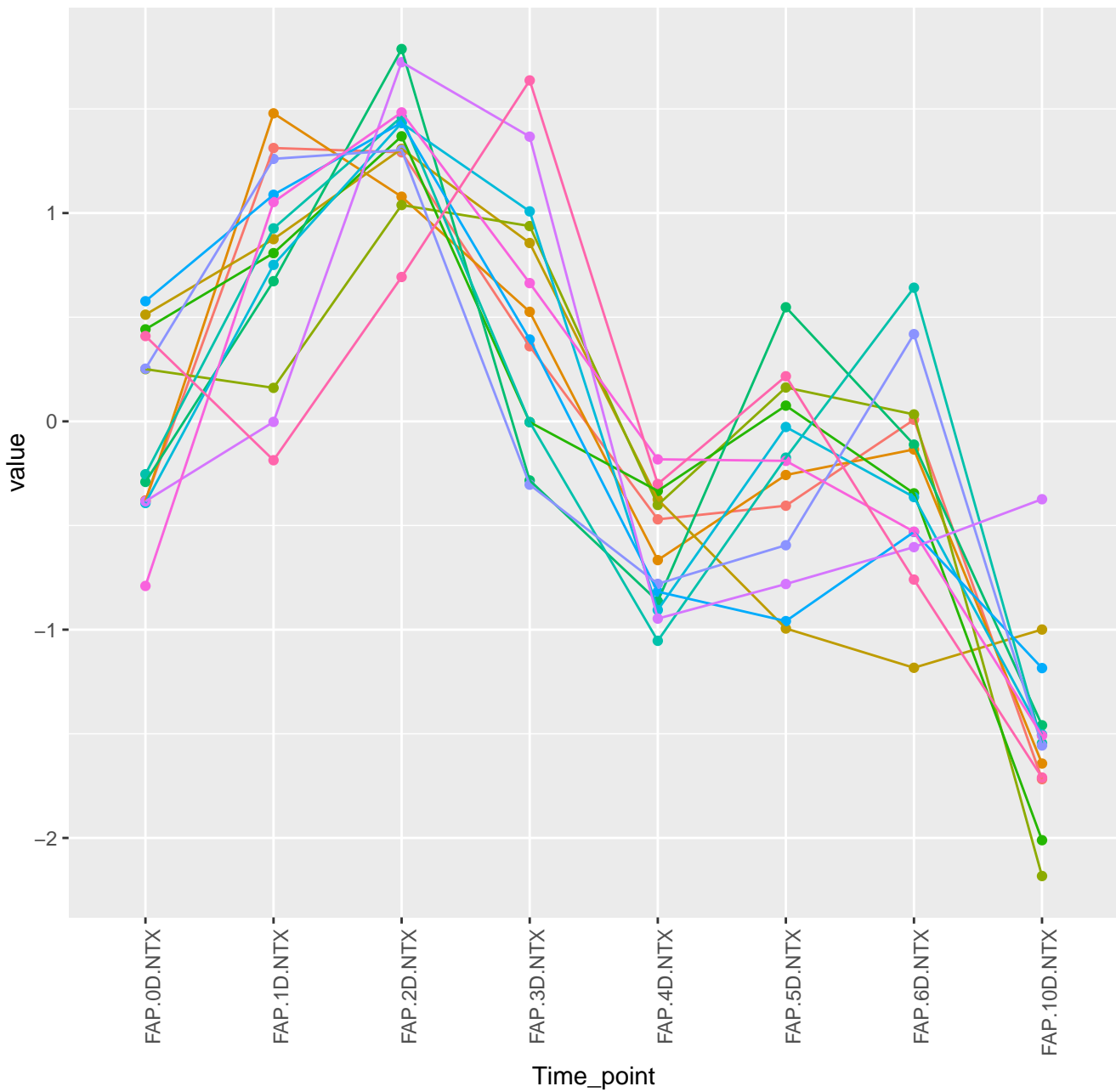
29 genes – cluster 259



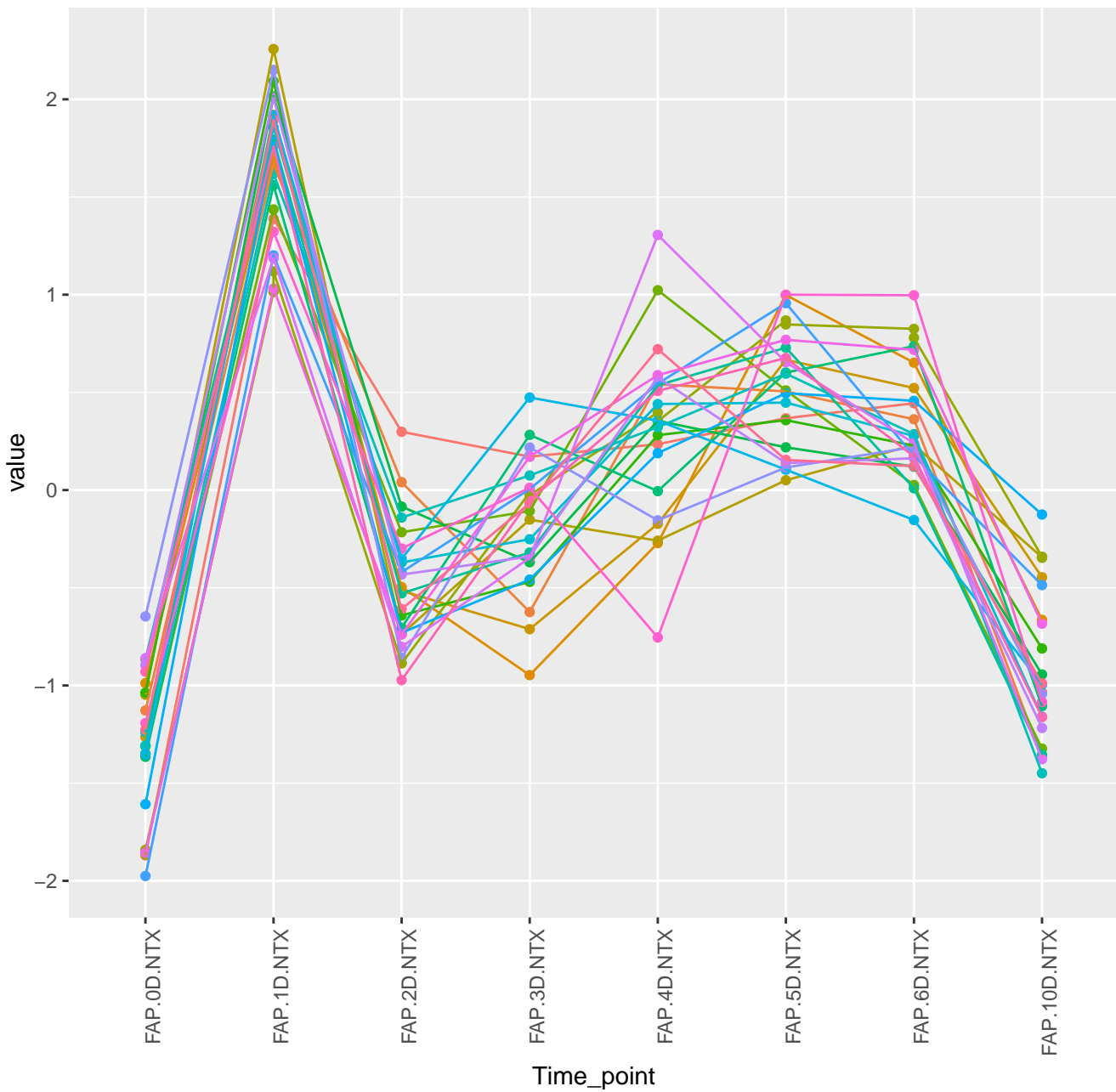
11 genes – cluster 260



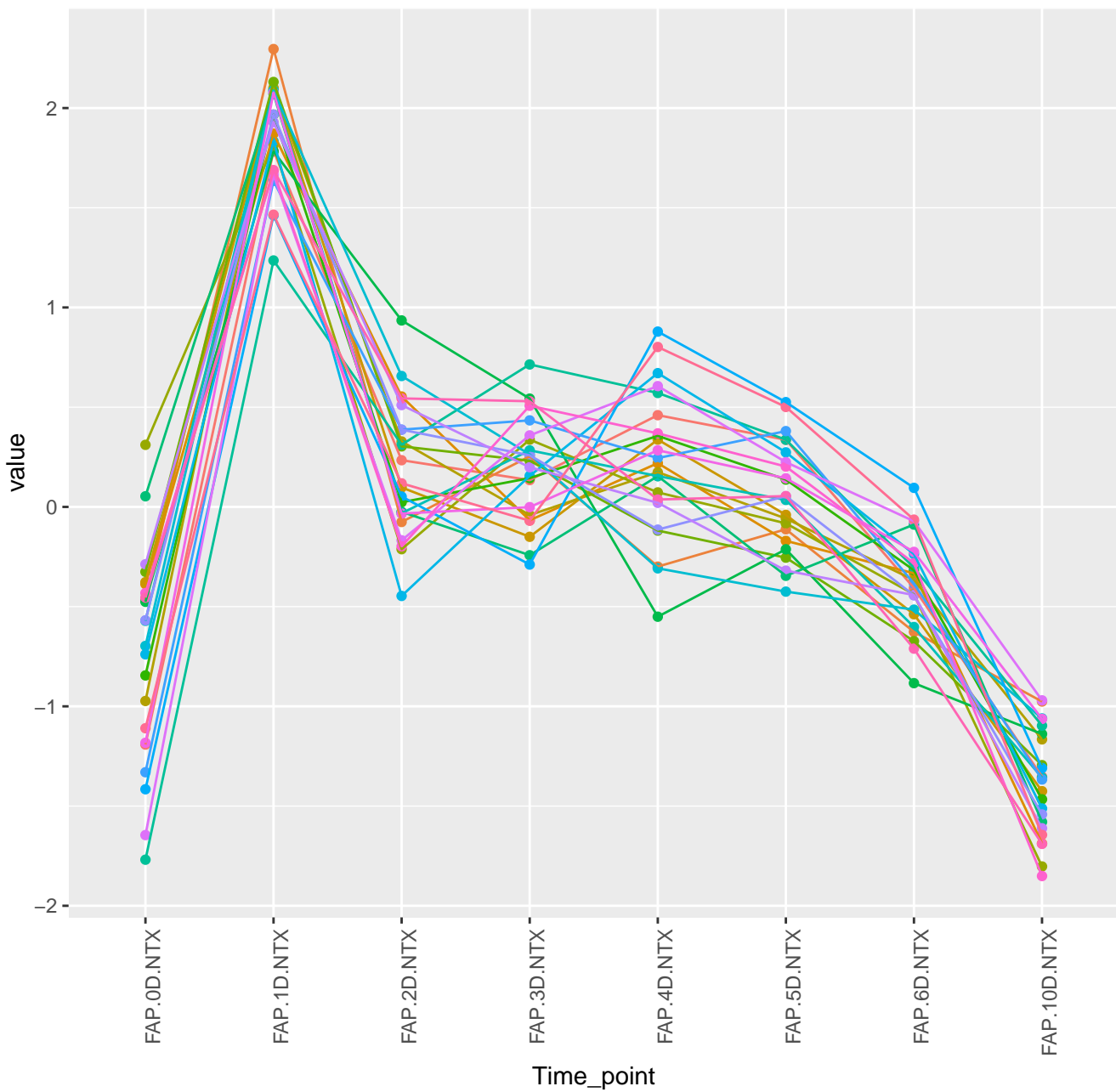
13 genes – cluster 261



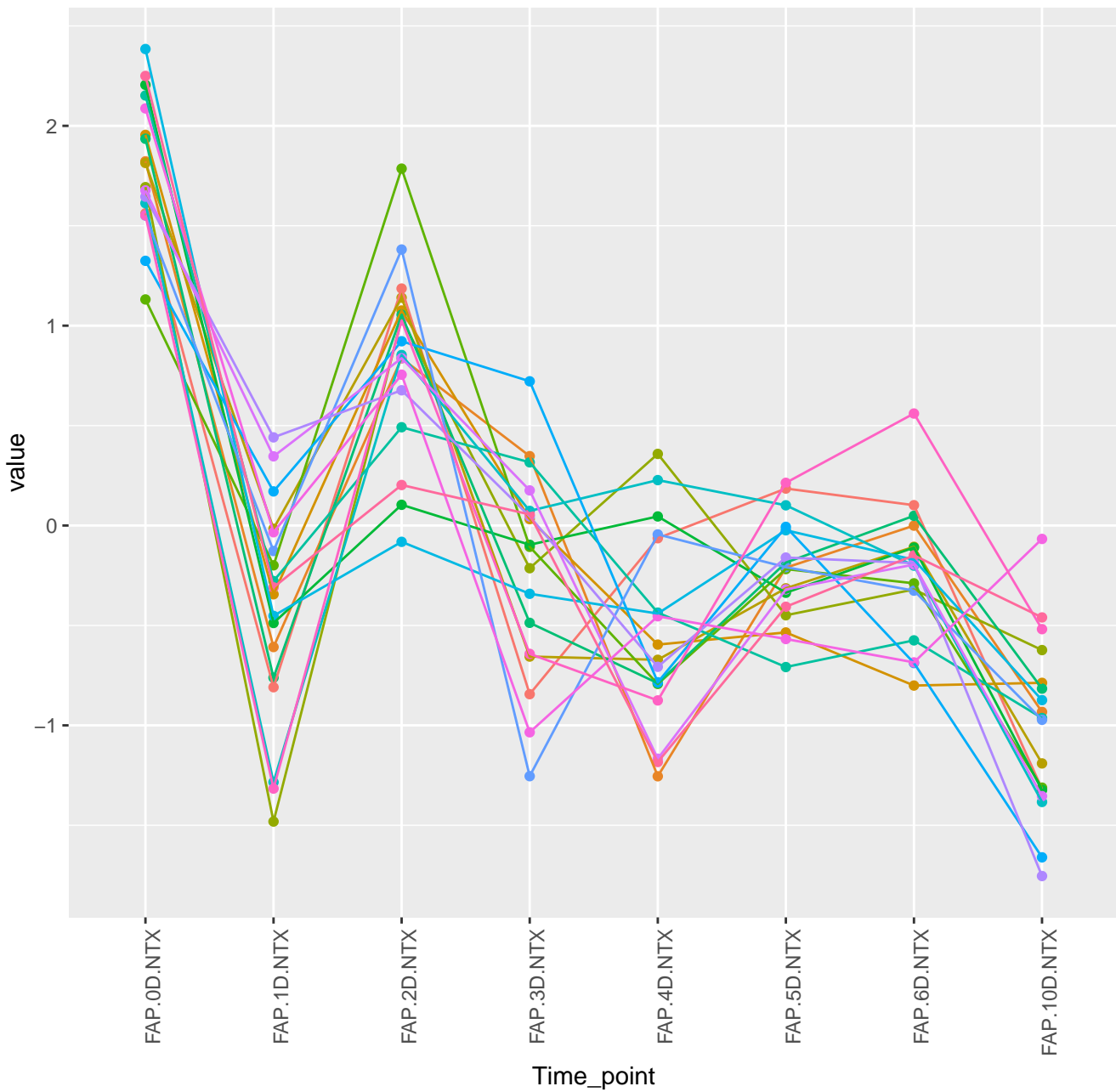
24 genes – cluster 262



23 genes – cluster 263

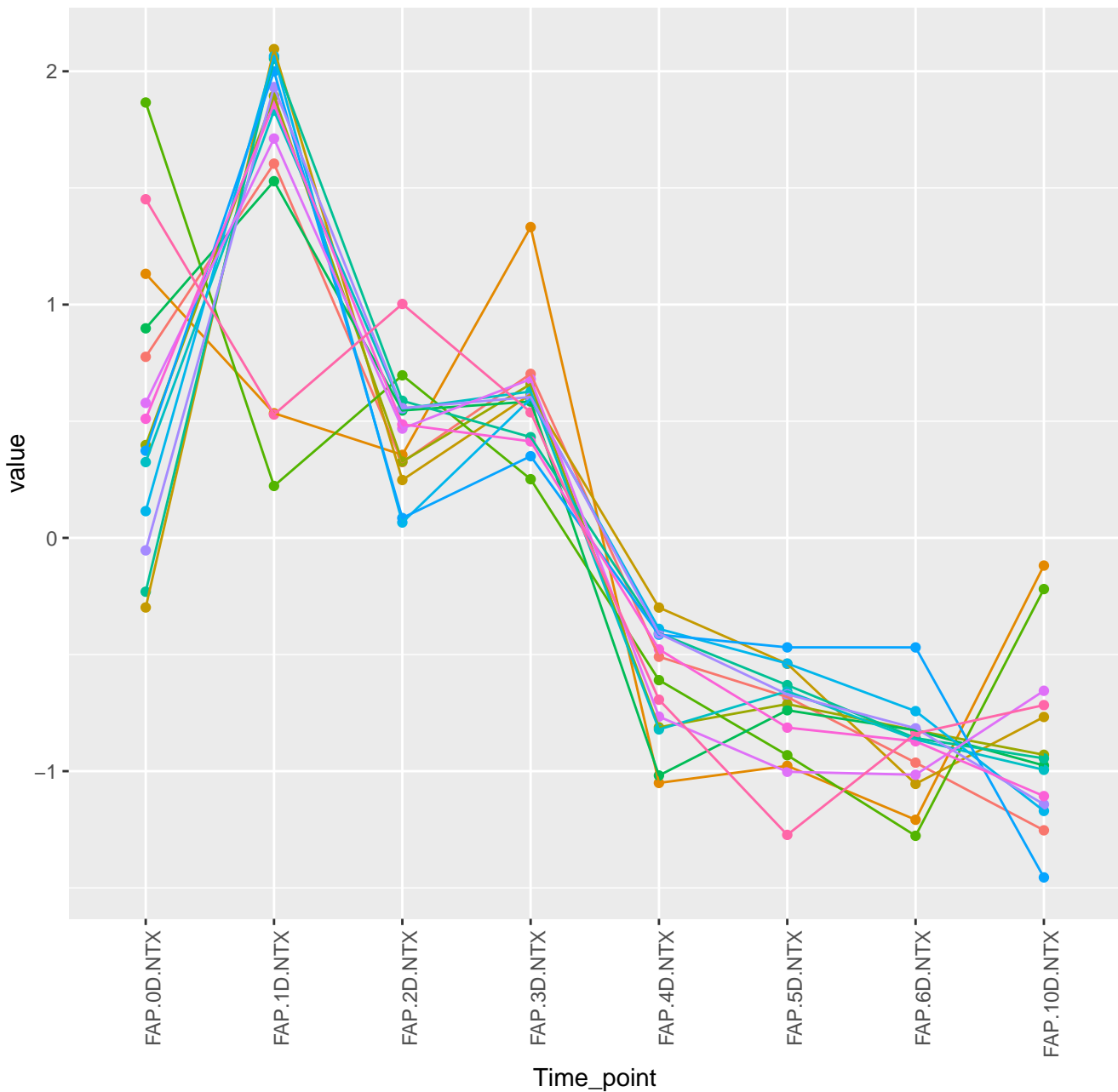


18 genes – cluster 264

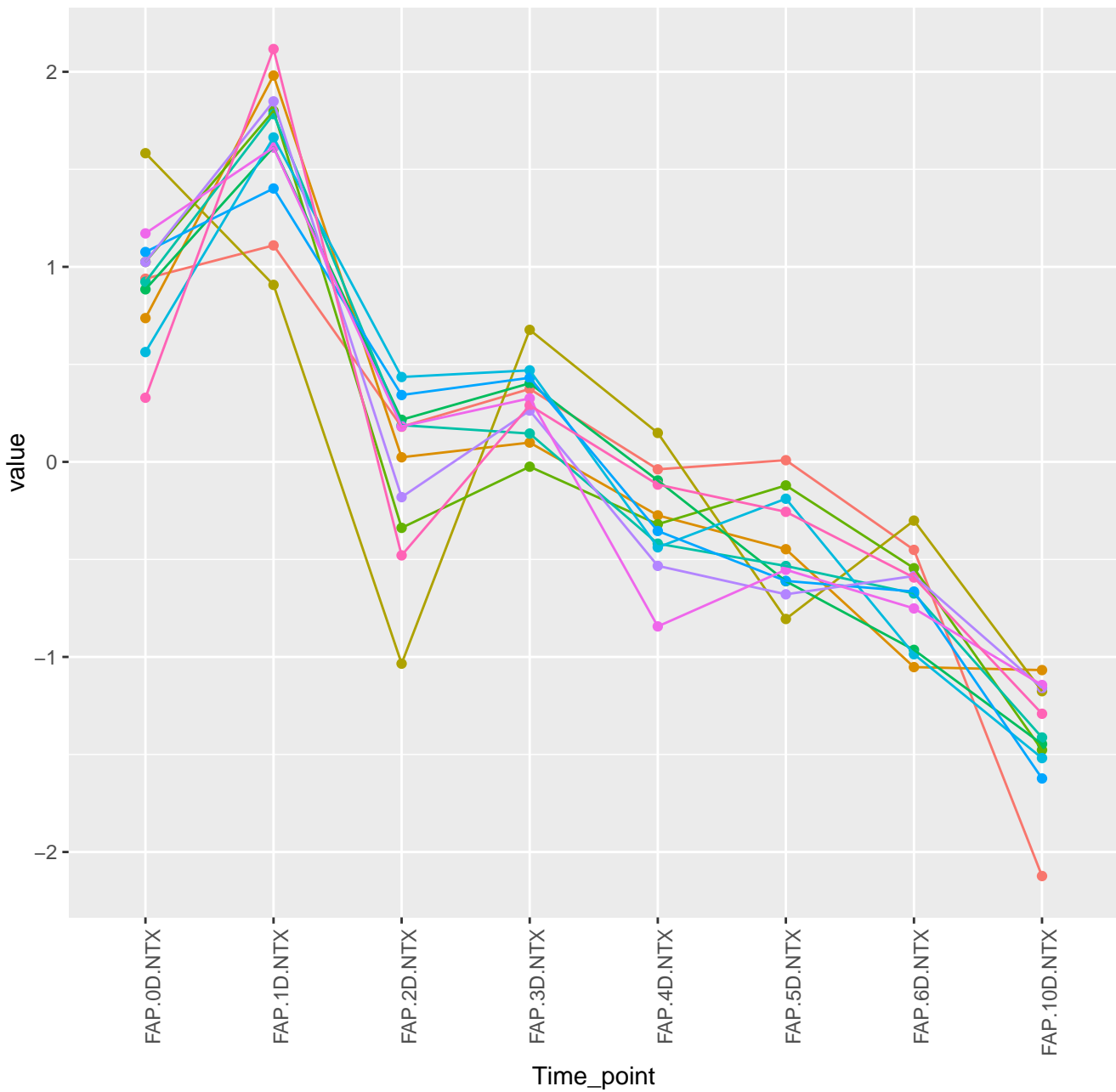




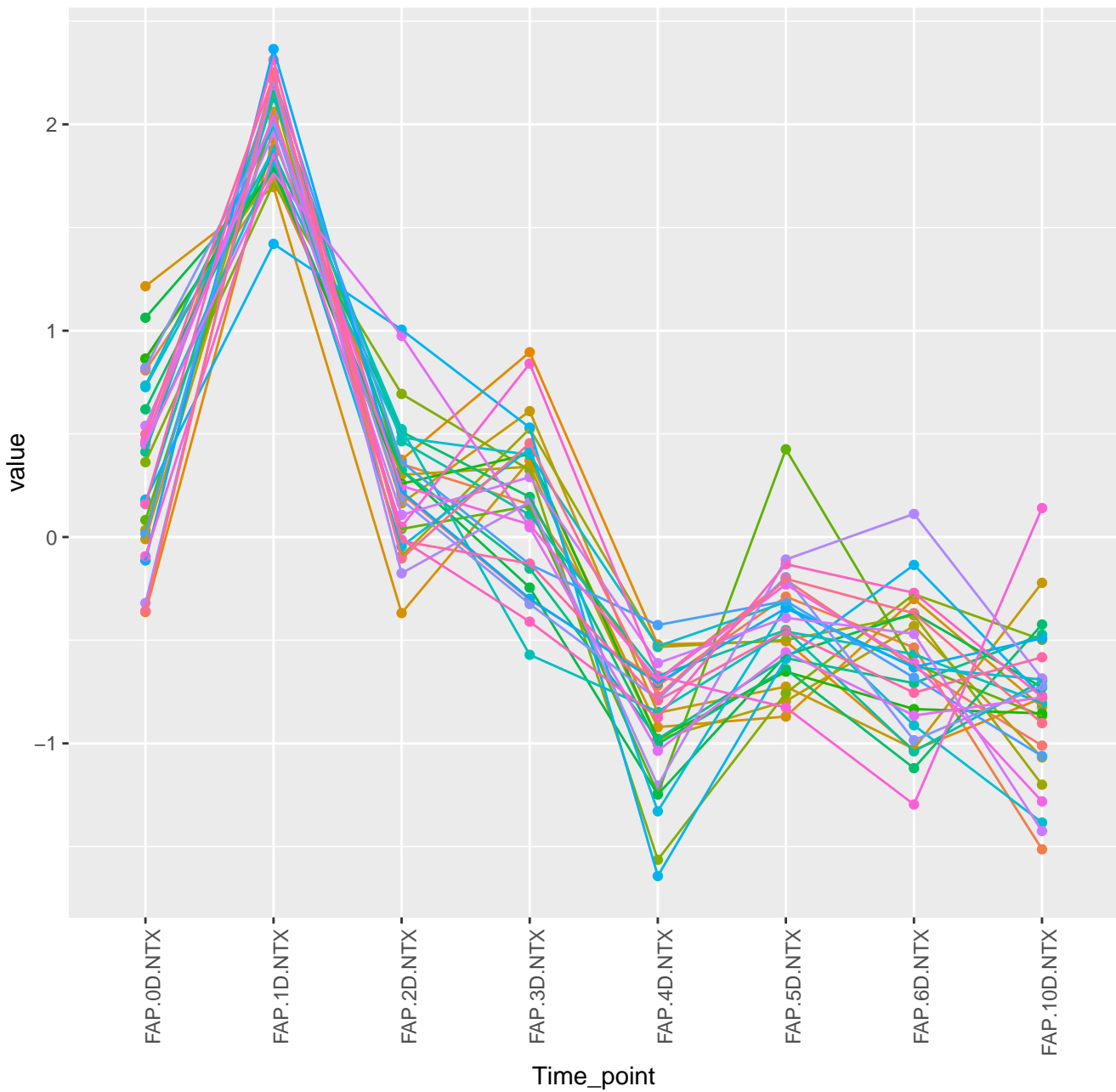
14 genes – cluster 265



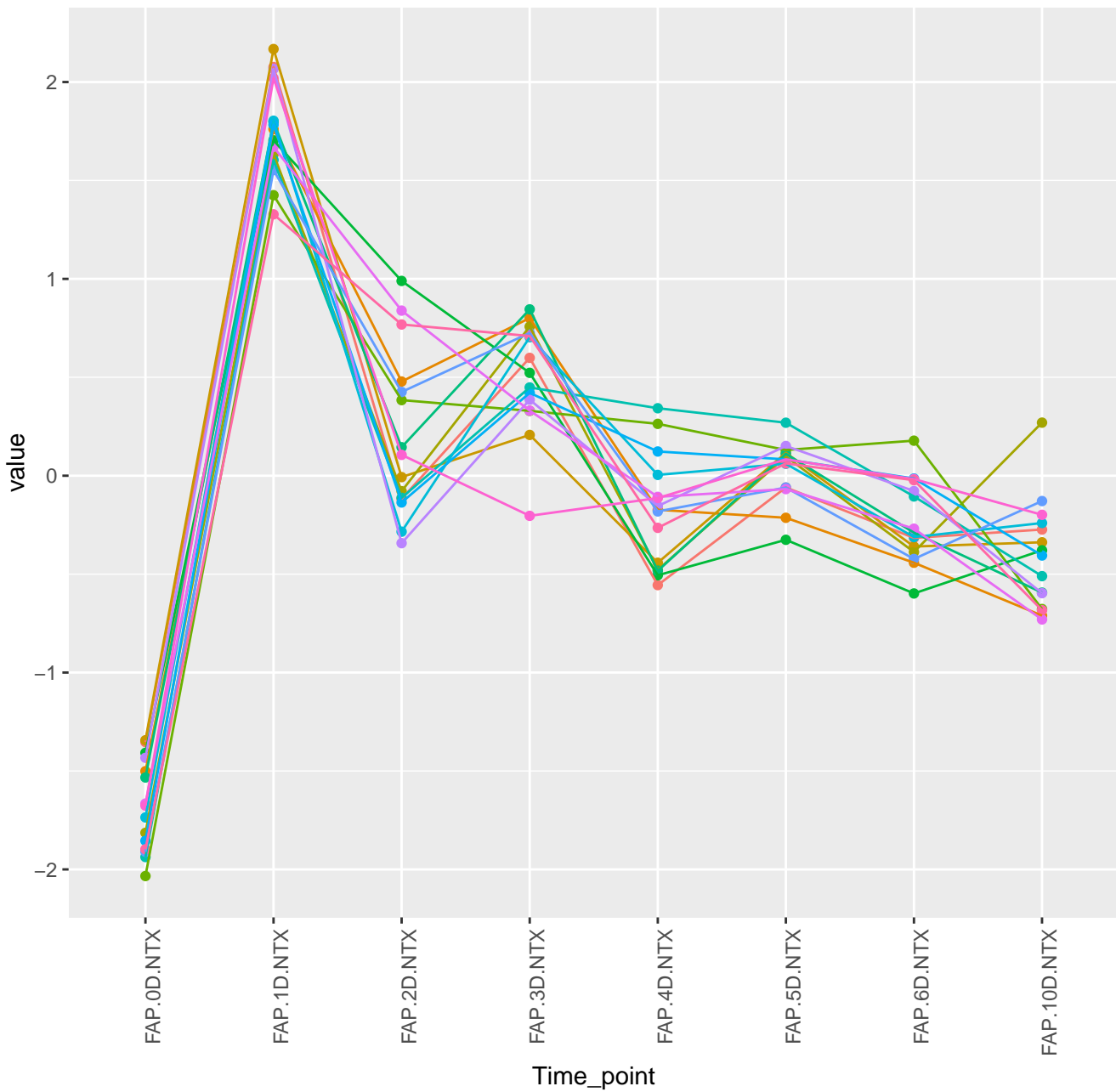
11 genes – cluster 266



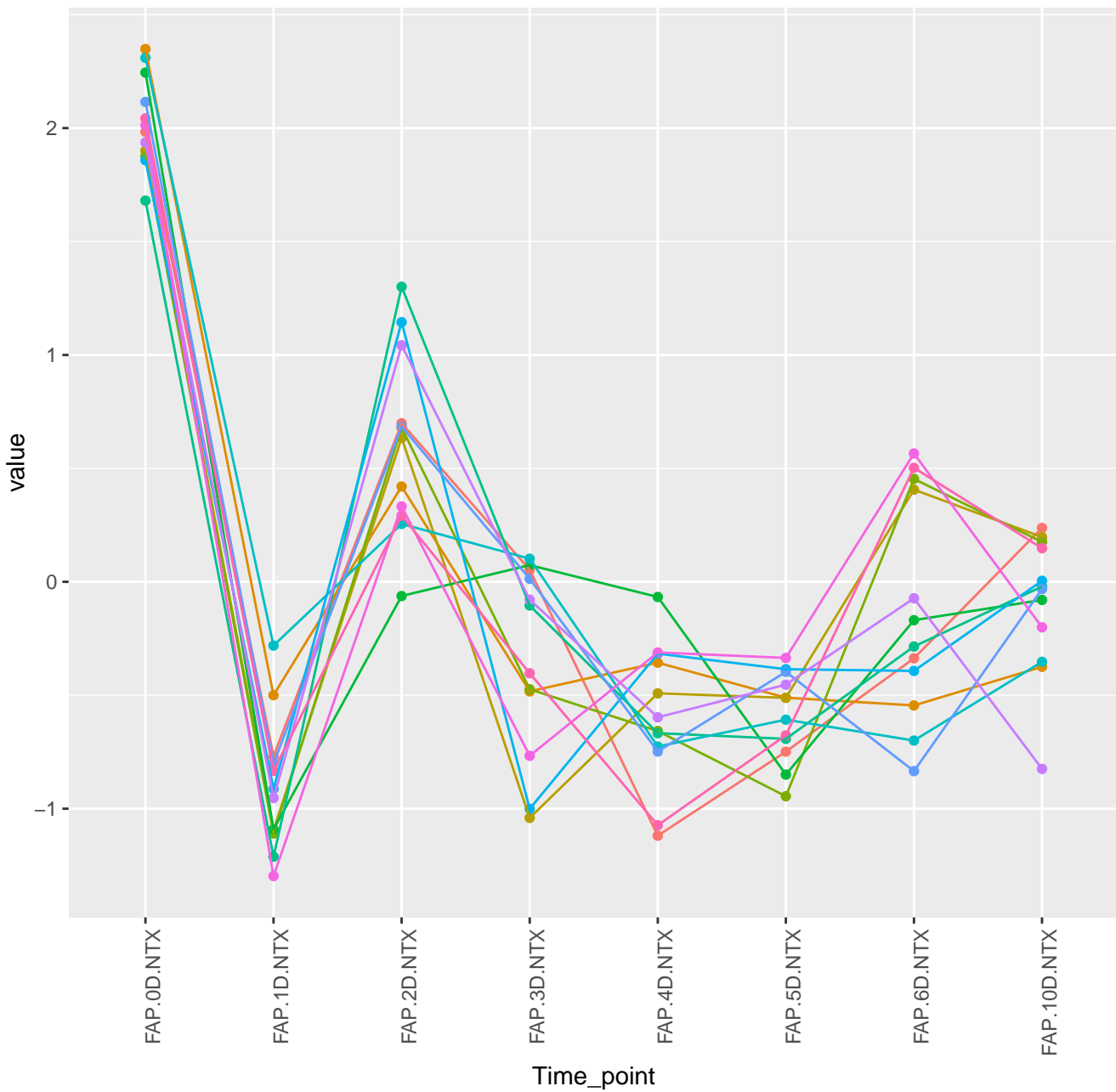
29 genes – cluster 267



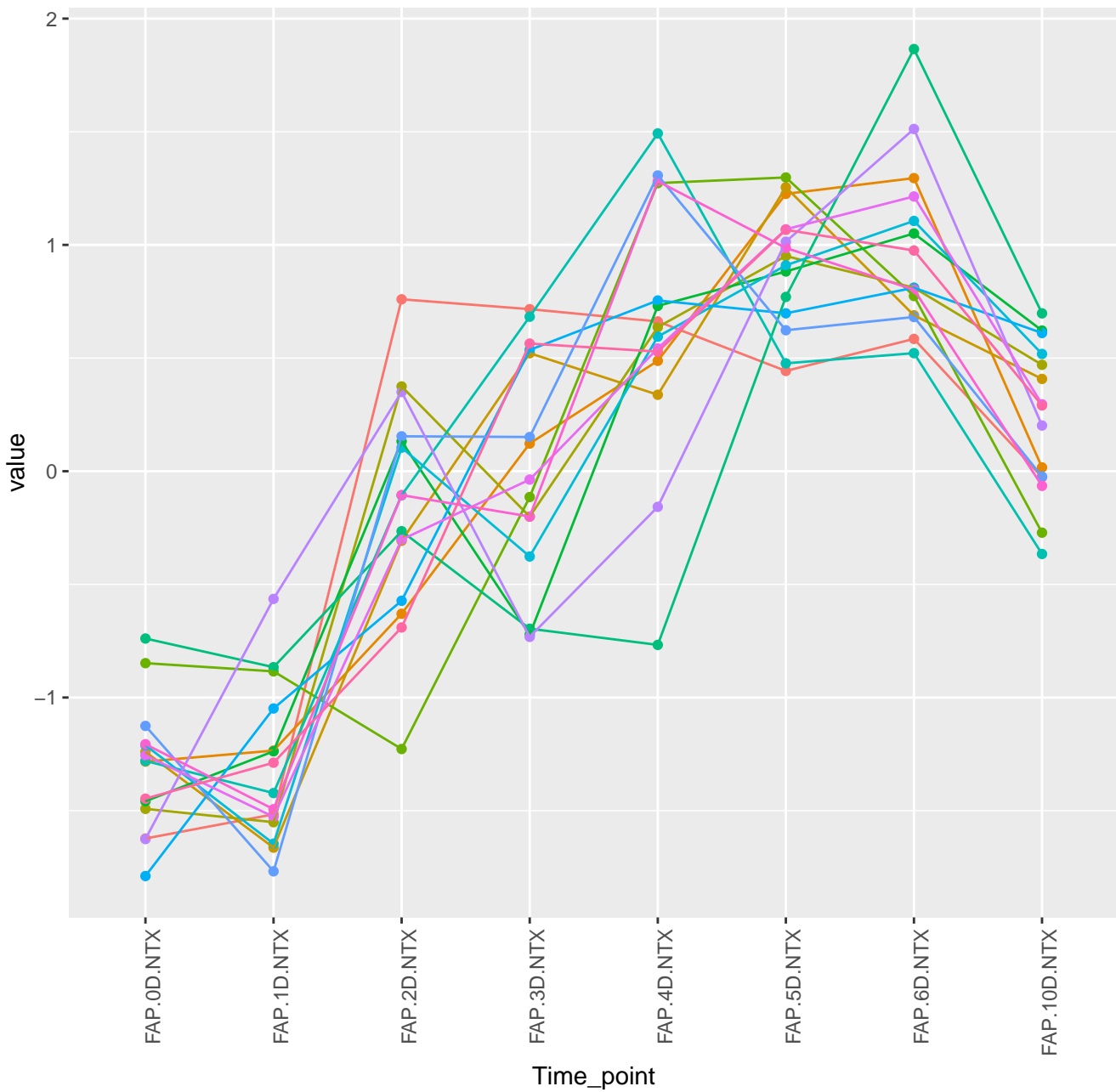
15 genes – cluster 268



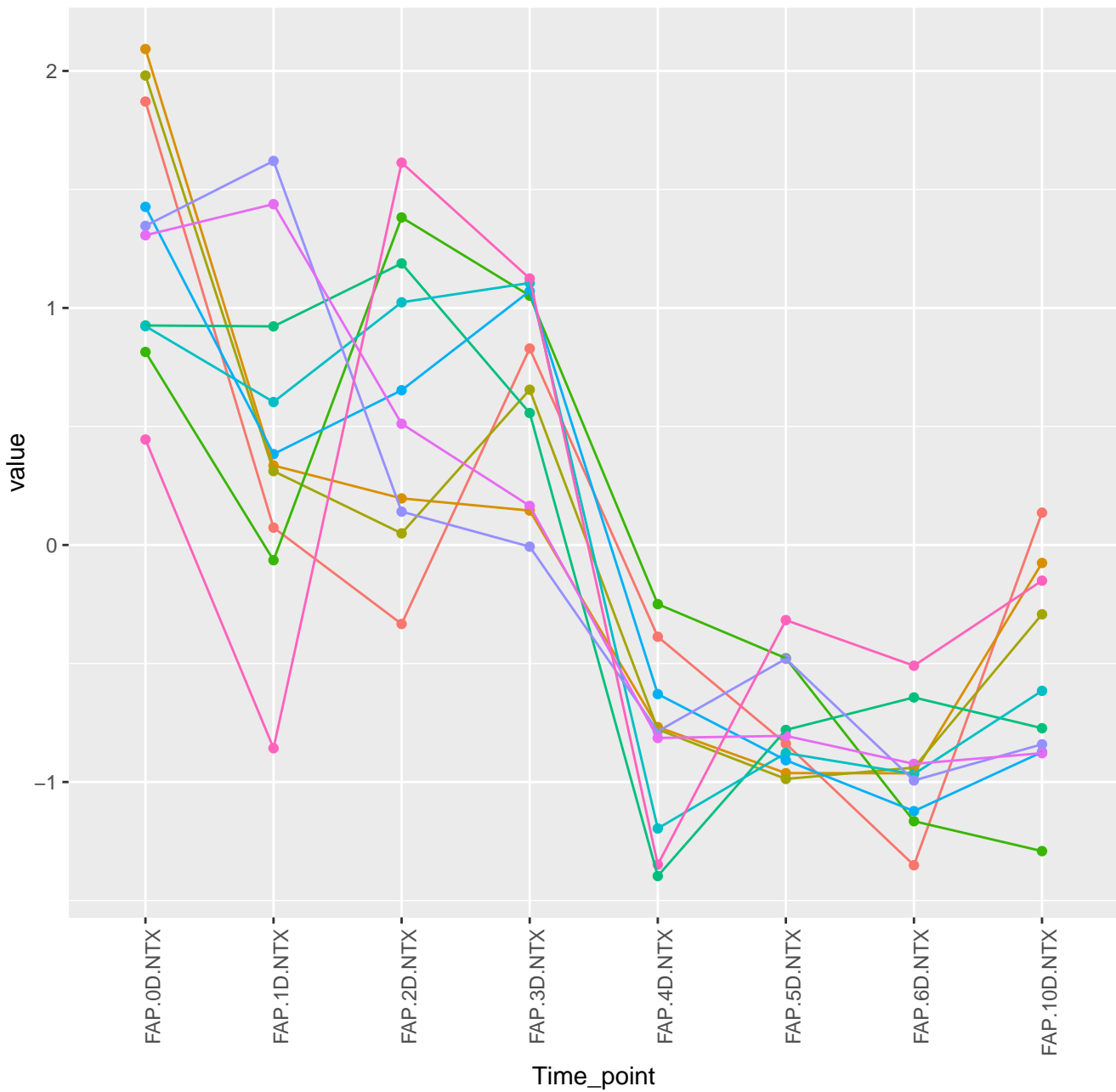
12 genes – cluster 269



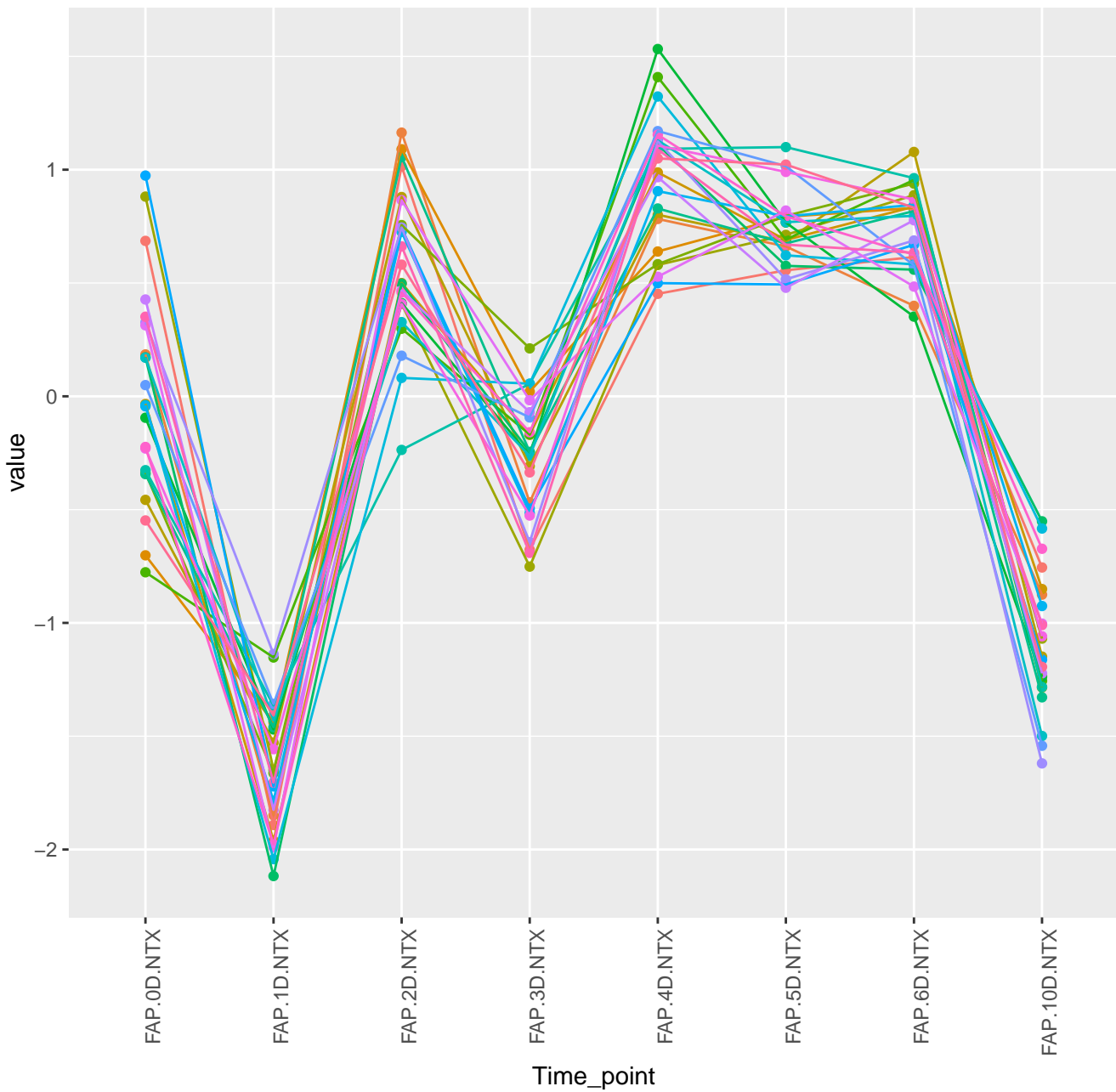
15 genes – cluster 270



10 genes – cluster 271

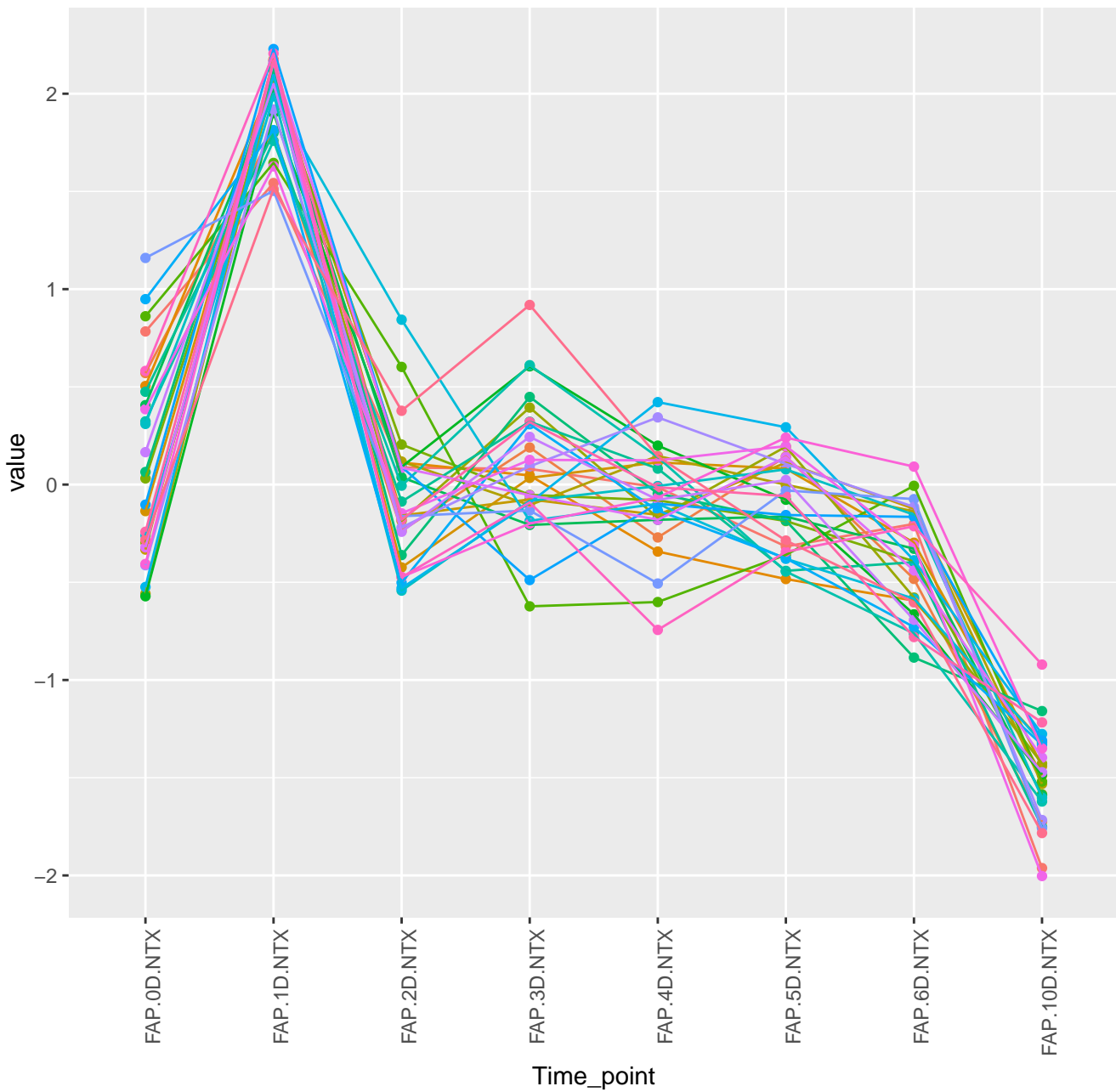


24 genes – cluster 272

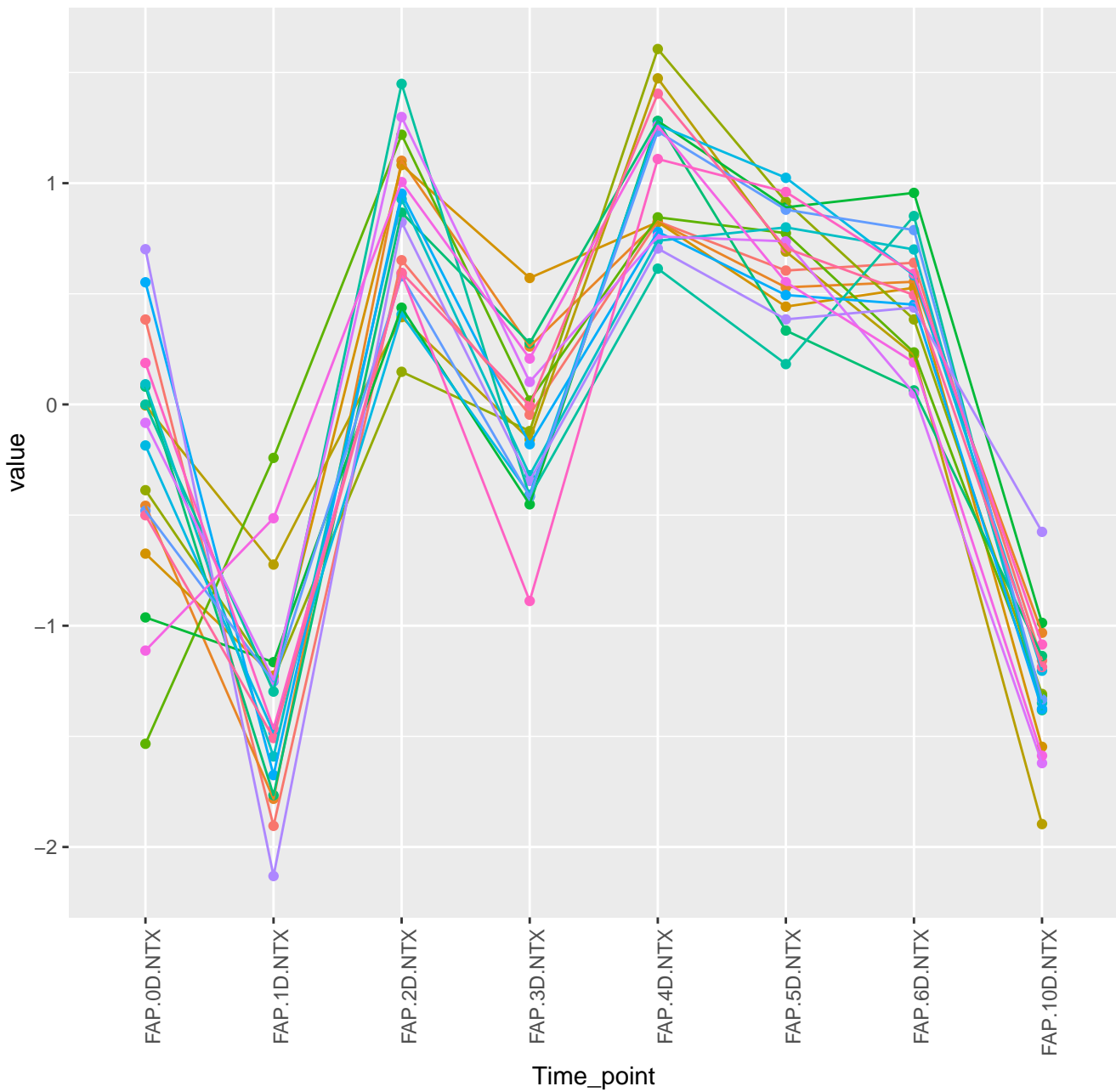




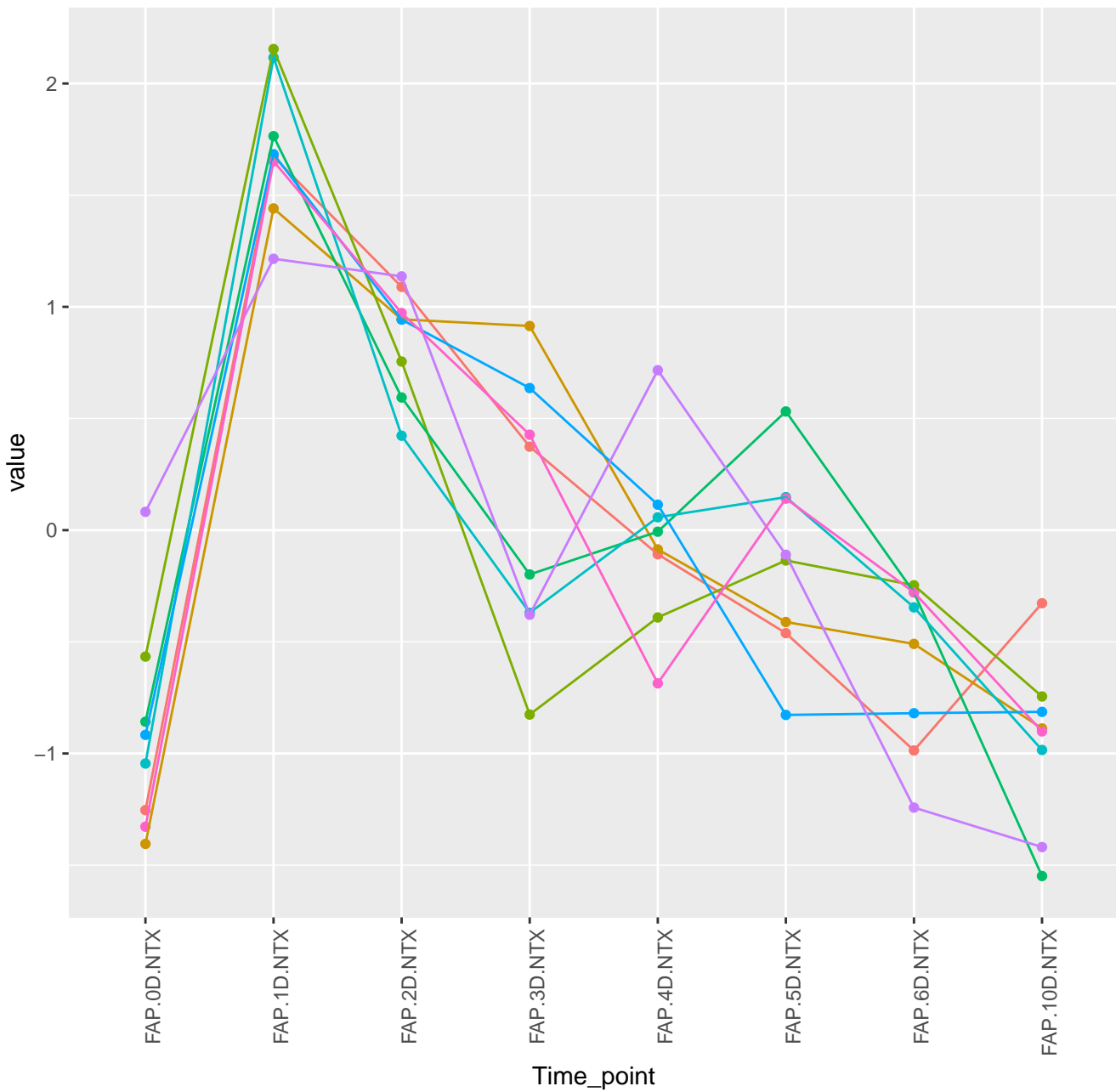
28 genes – cluster 273



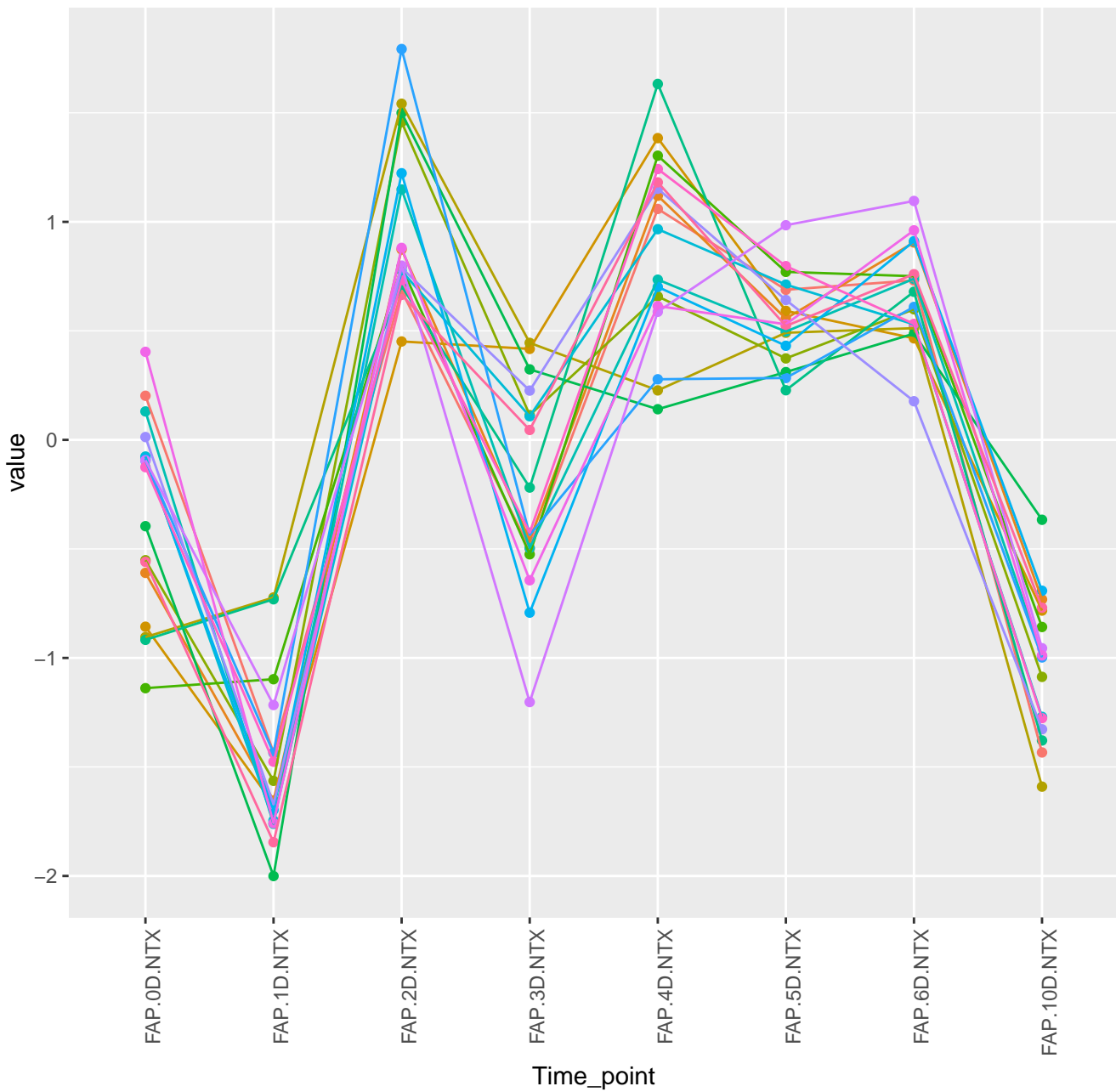
18 genes – cluster 274



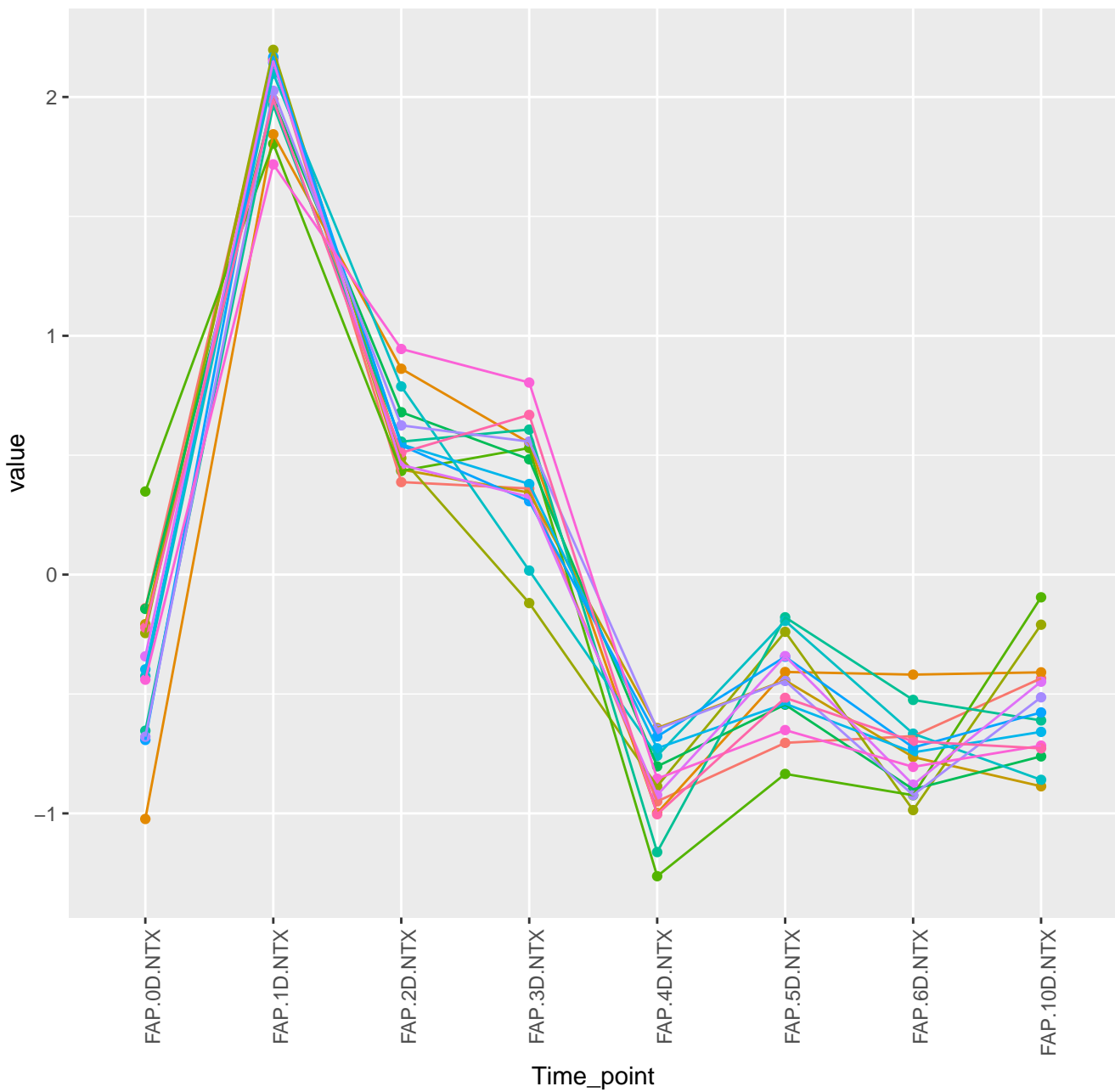
8 genes – cluster 275



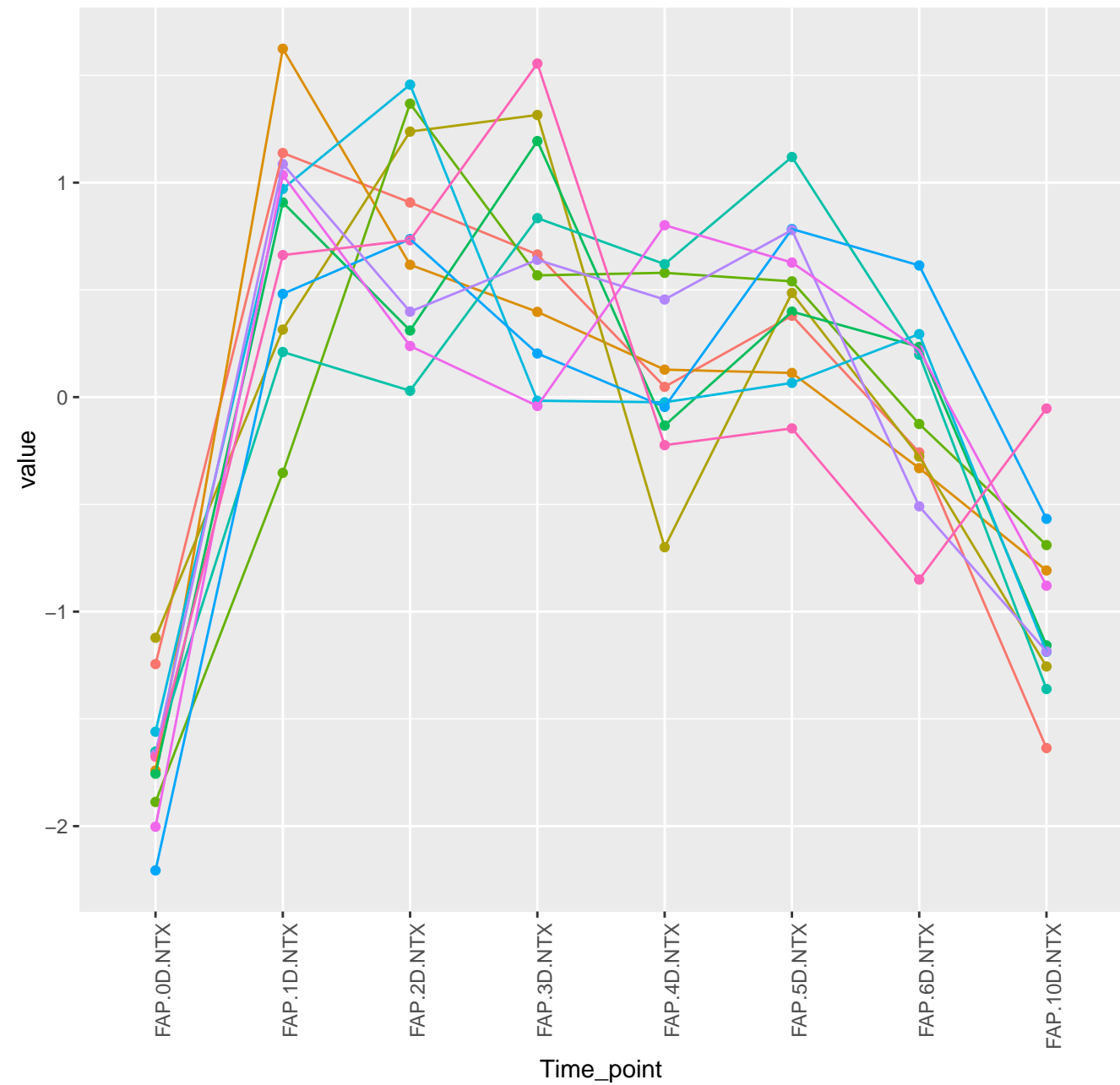
17 genes – cluster 276



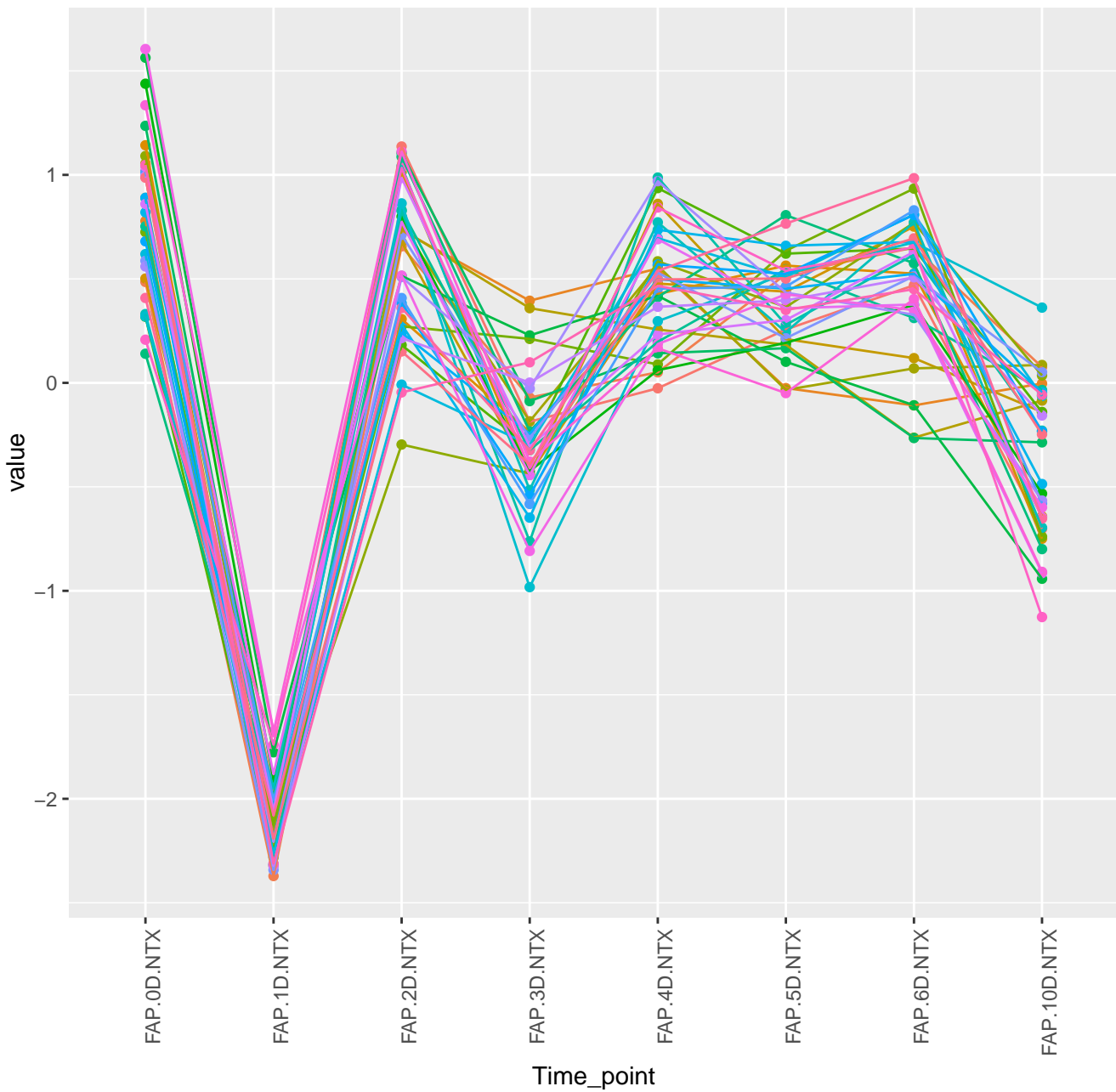
14 genes – cluster 277



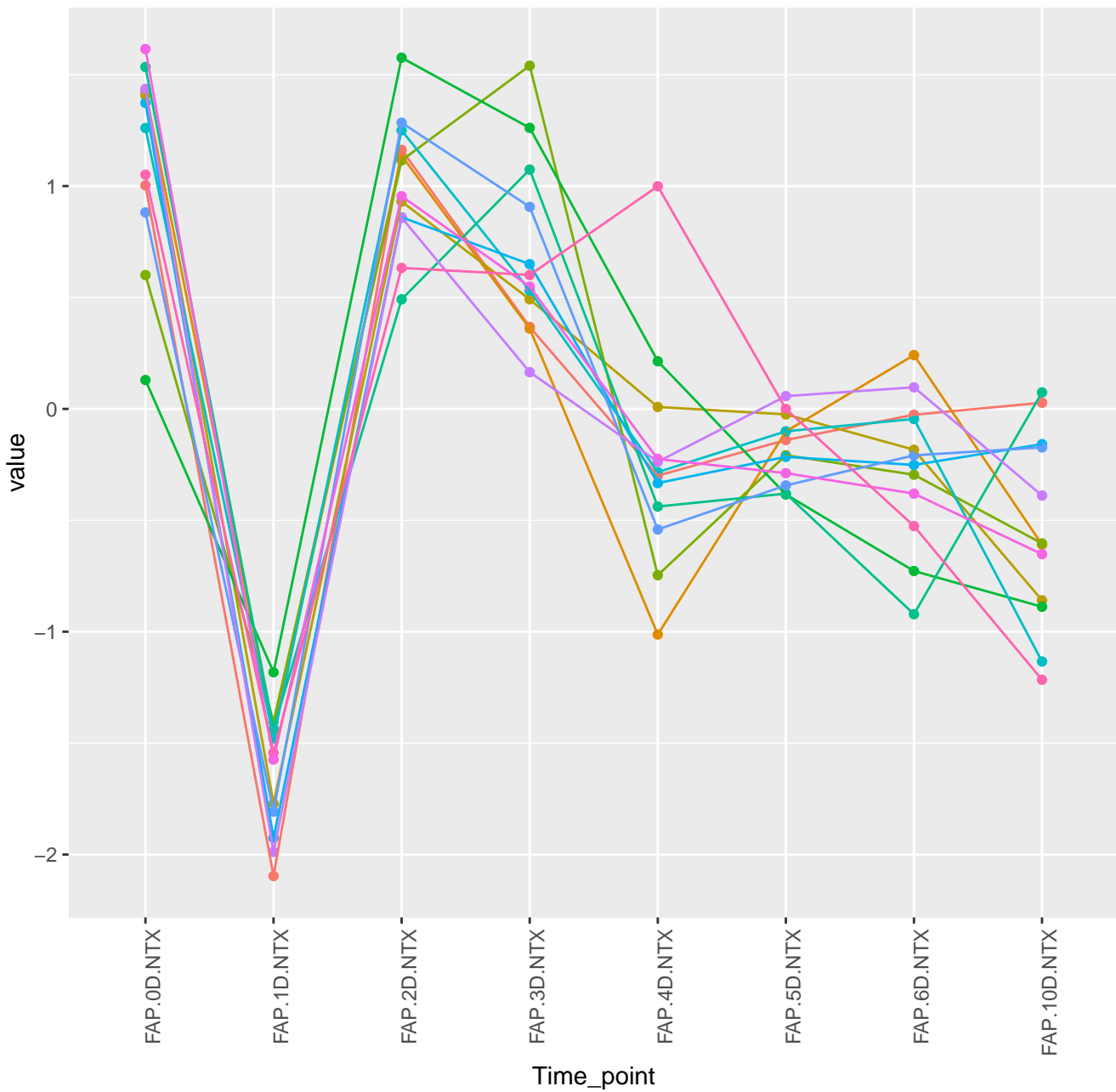
11 genes – cluster 278



35 genes – cluster 279

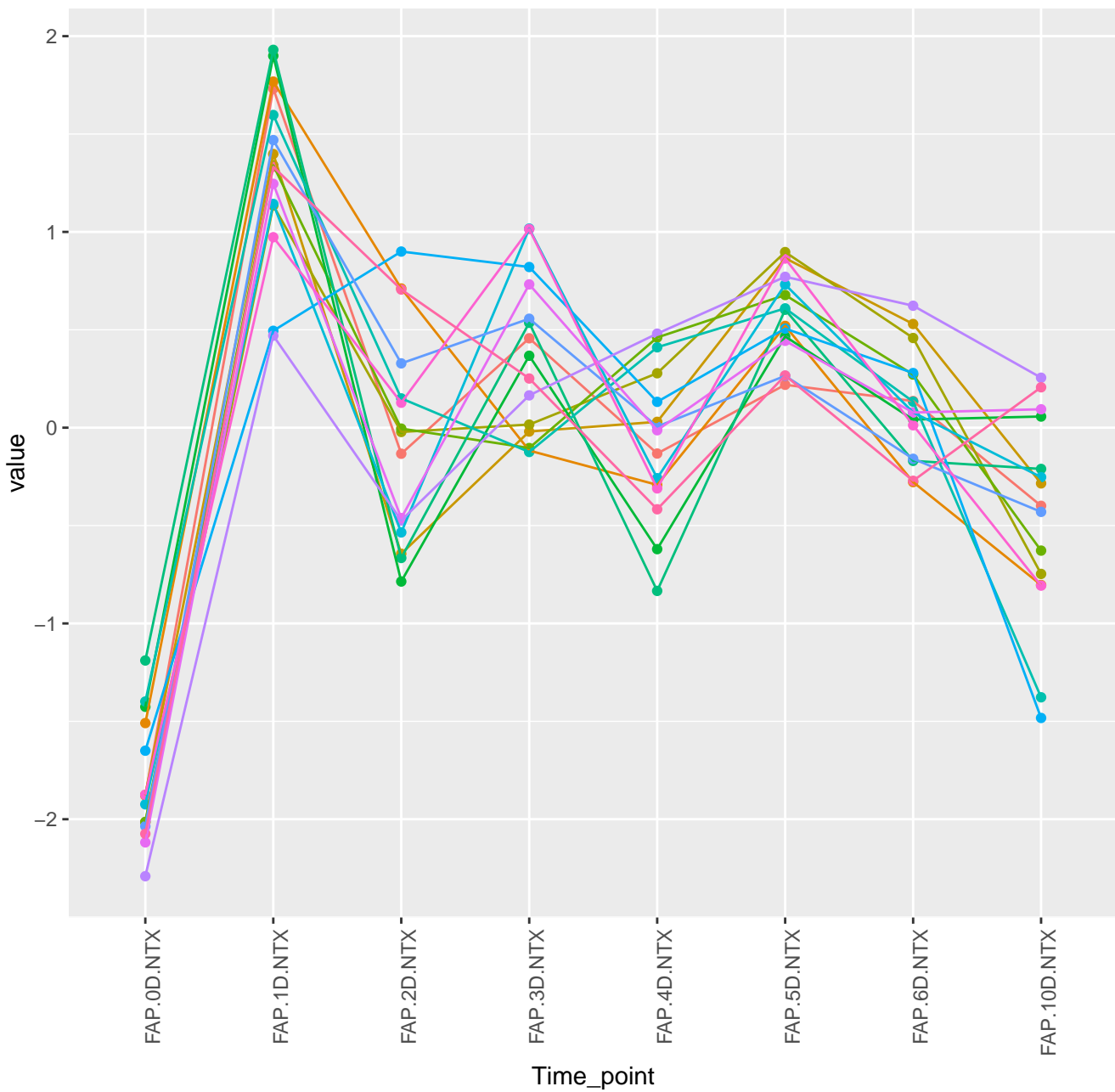


12 genes – cluster 280

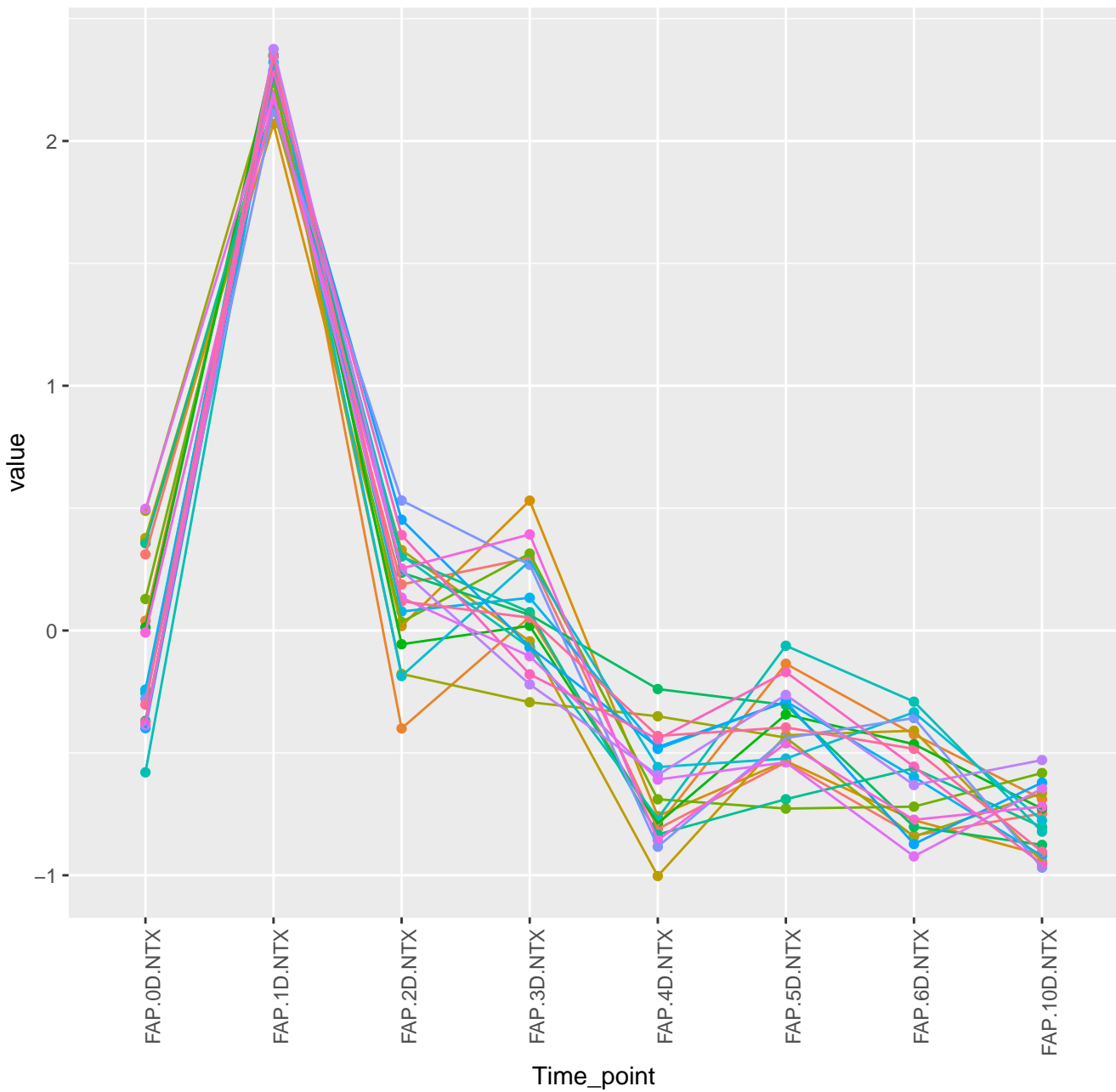




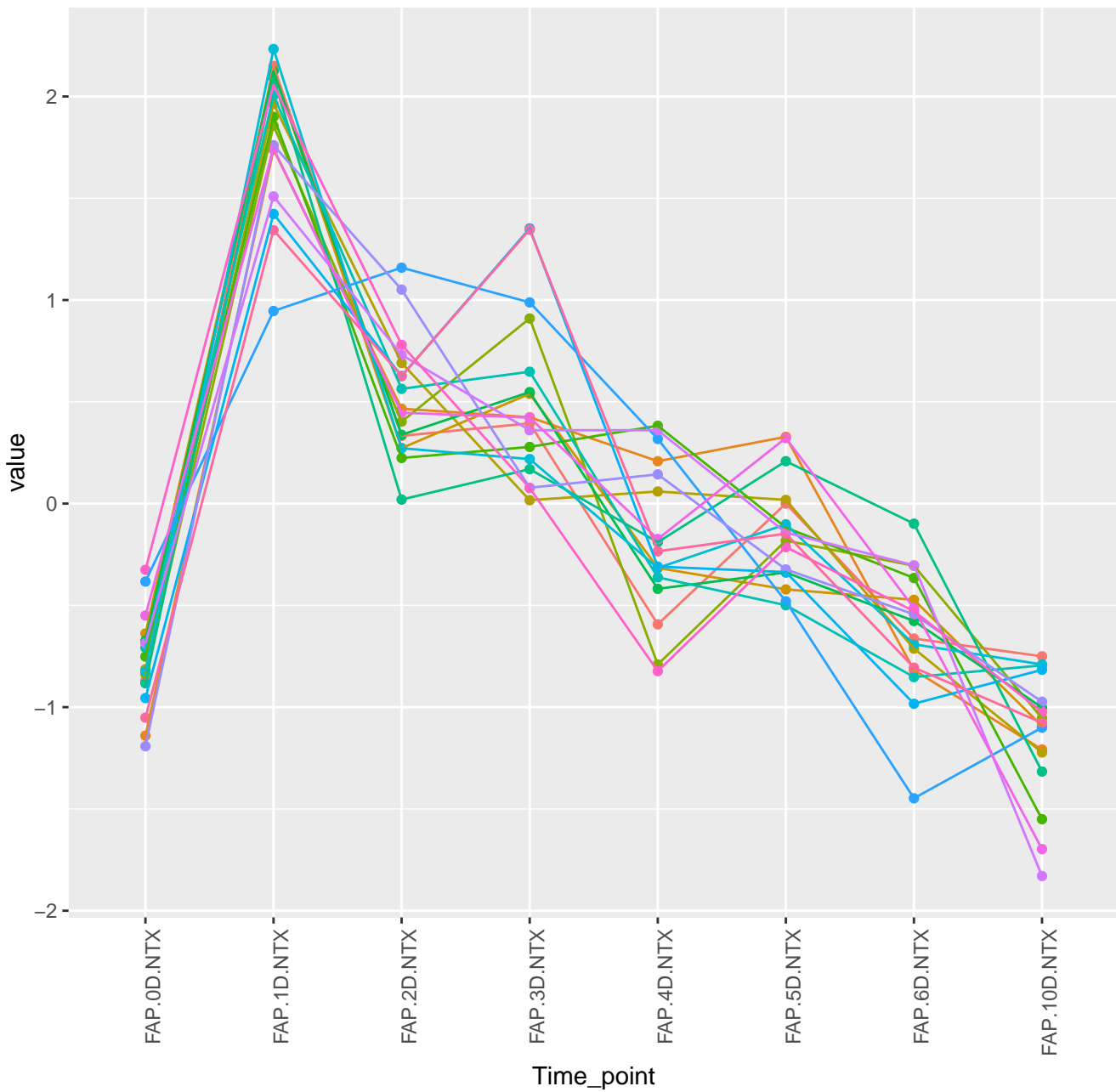
15 genes – cluster 281



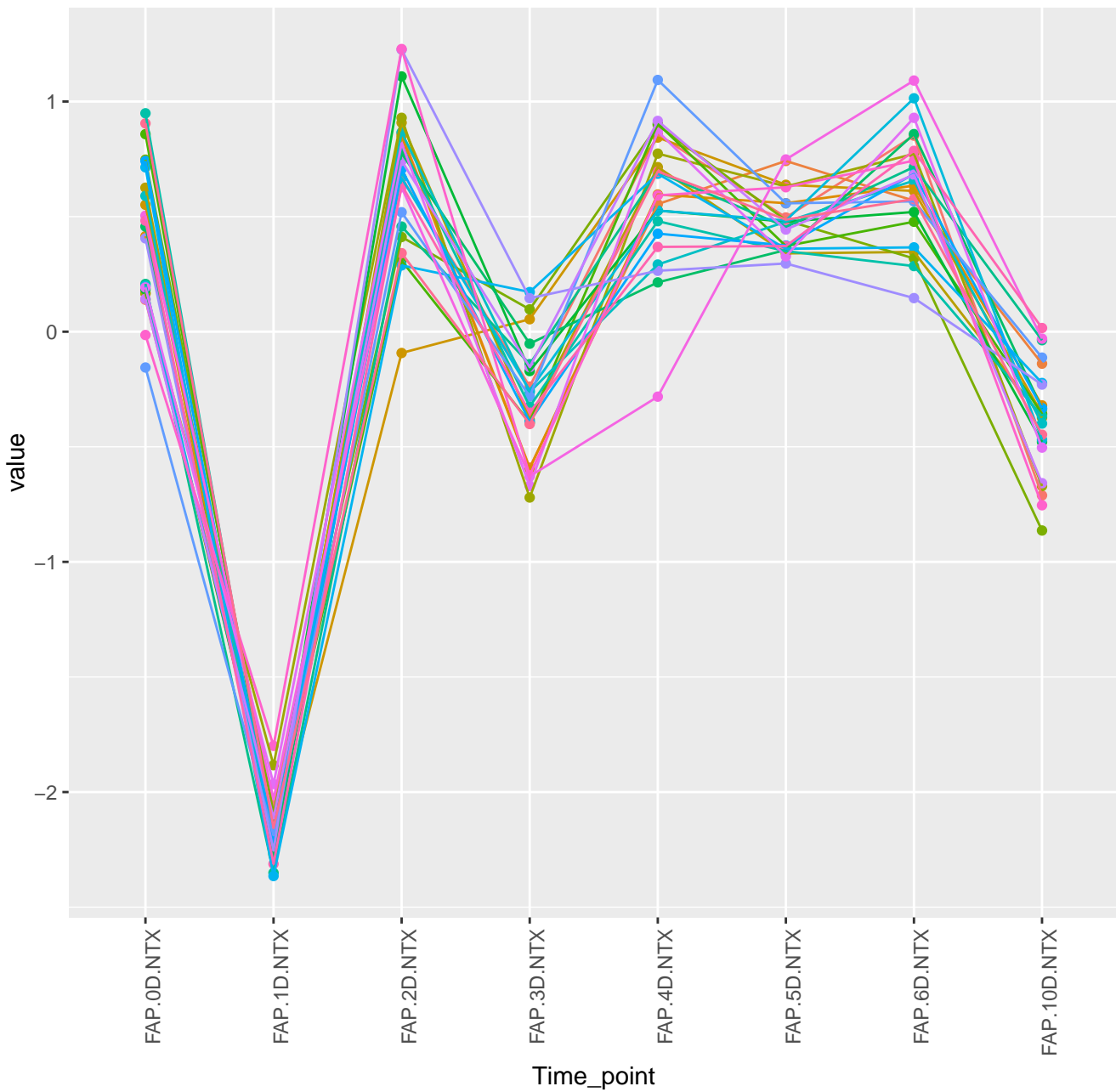
19 genes – cluster 282



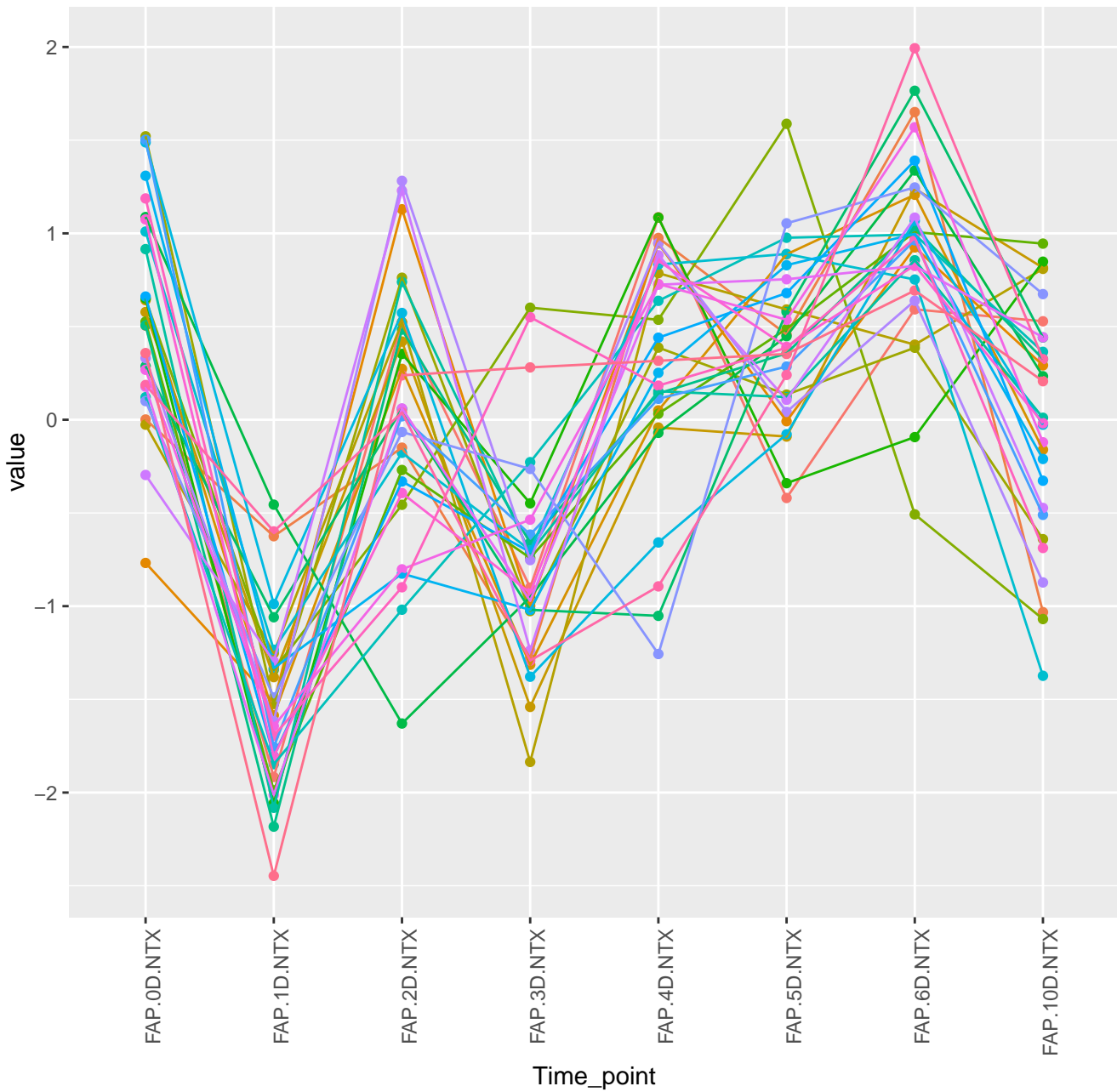
17 genes – cluster 283



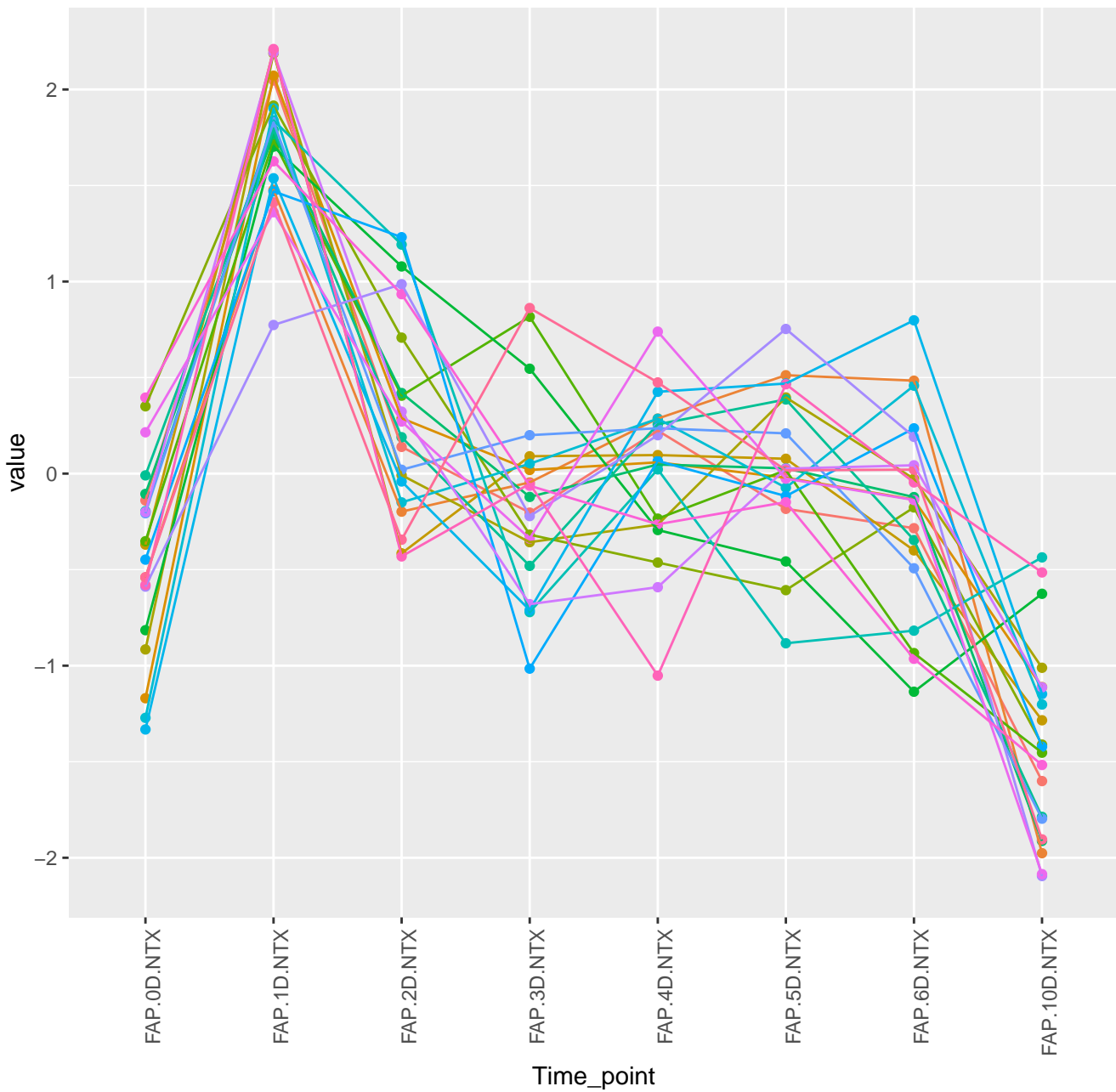
24 genes – cluster 284



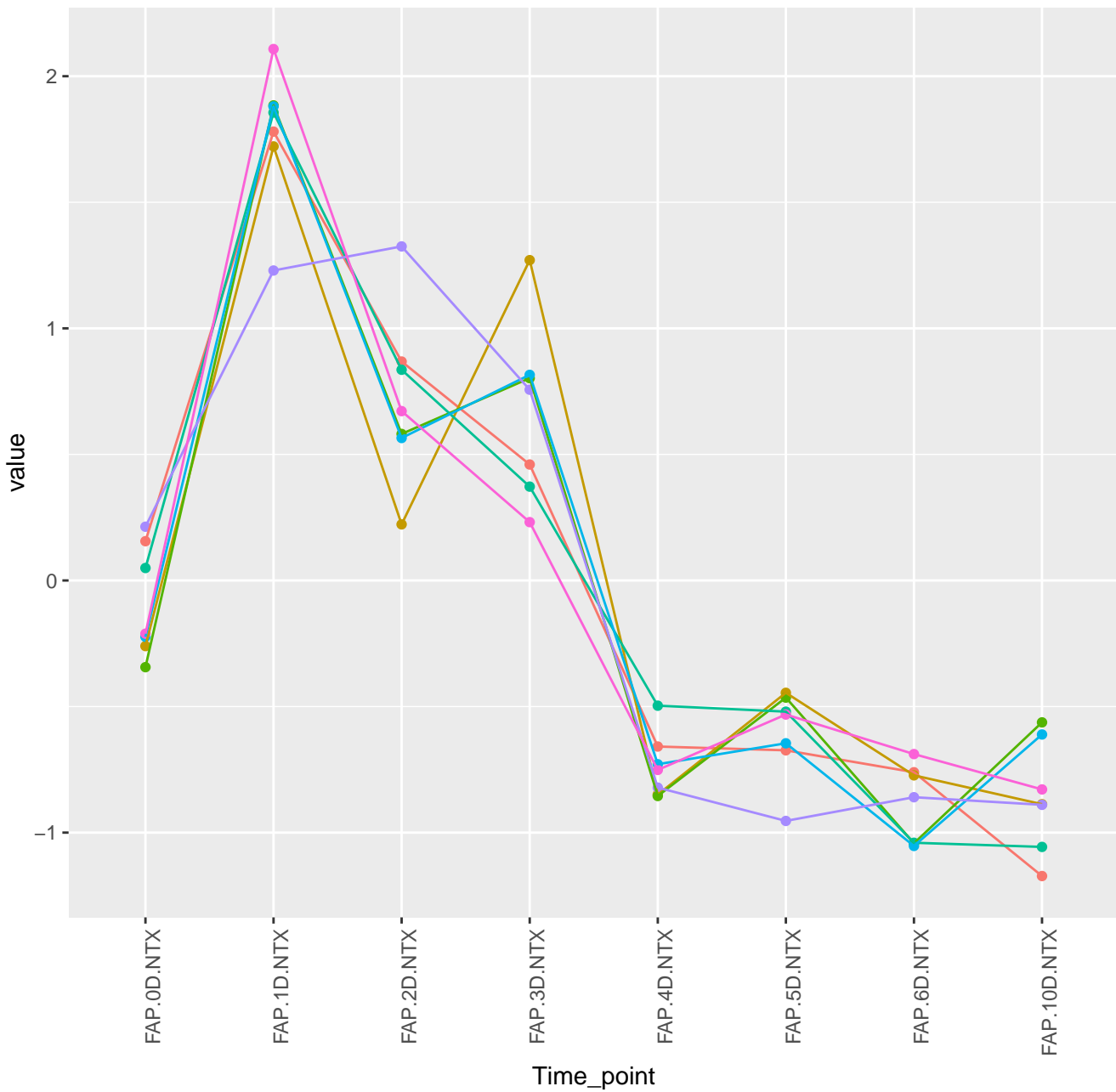
29 genes – cluster 285



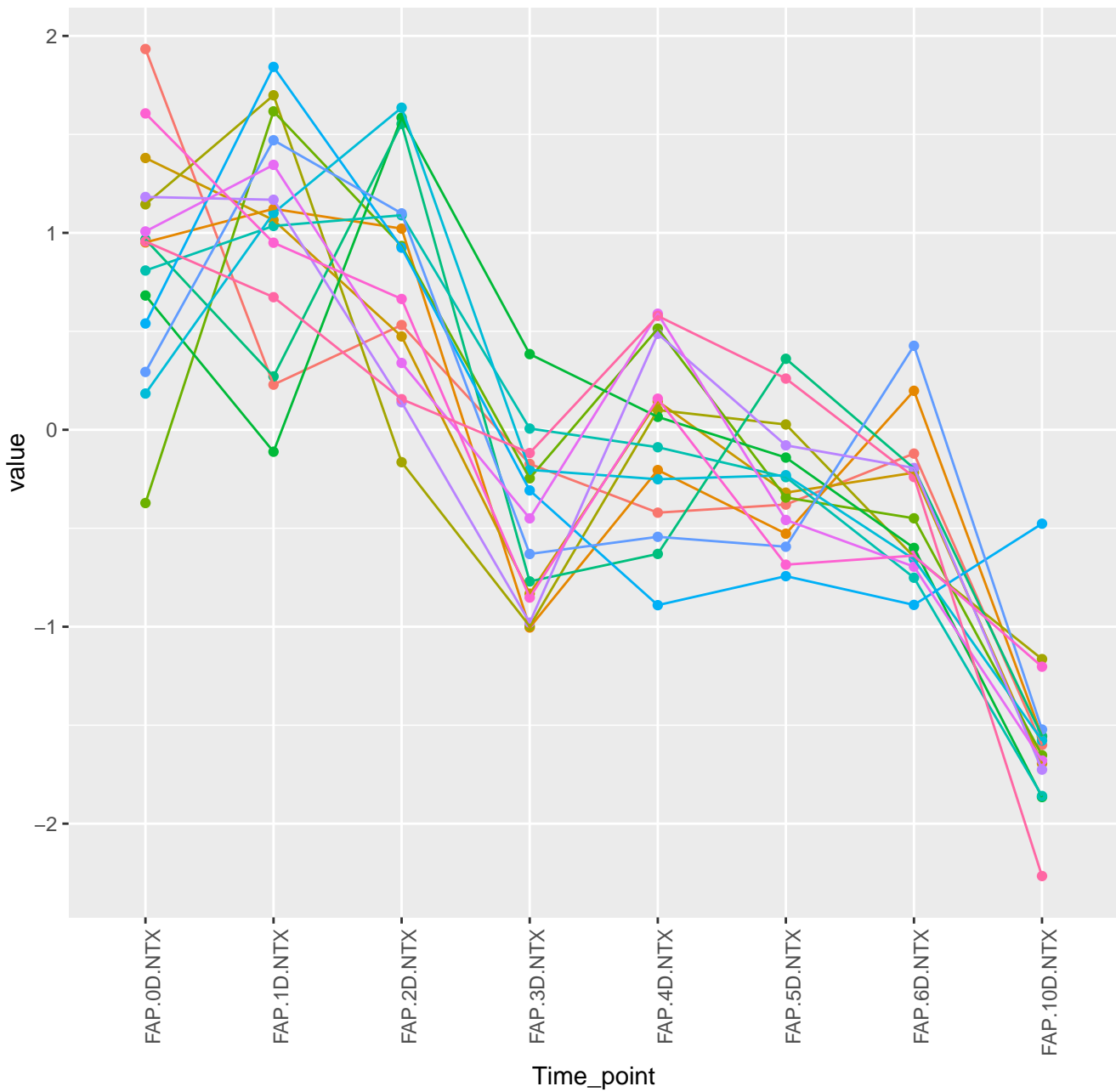
21 genes – cluster 286



7 genes – cluster 287

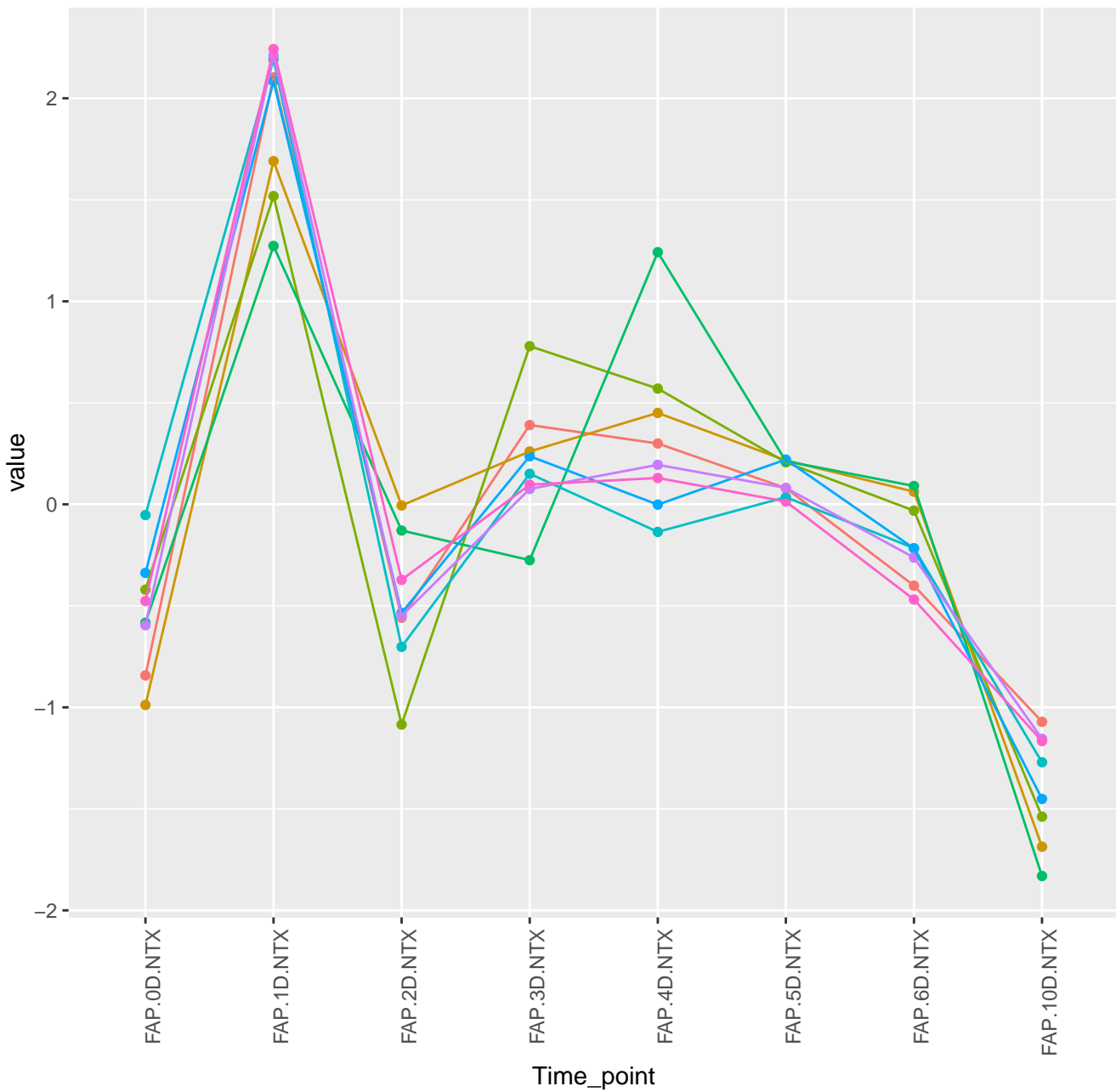


15 genes – cluster 288

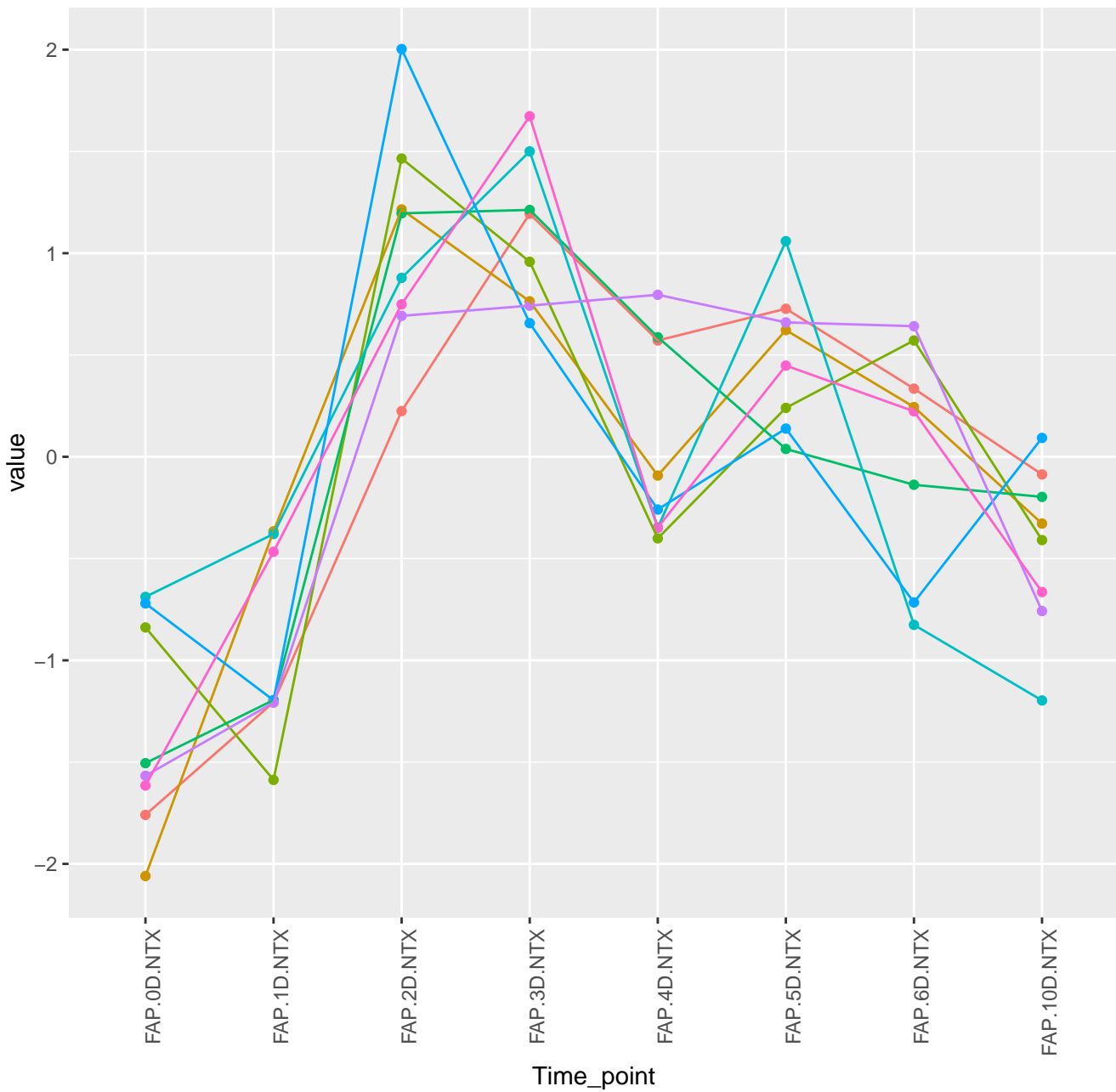




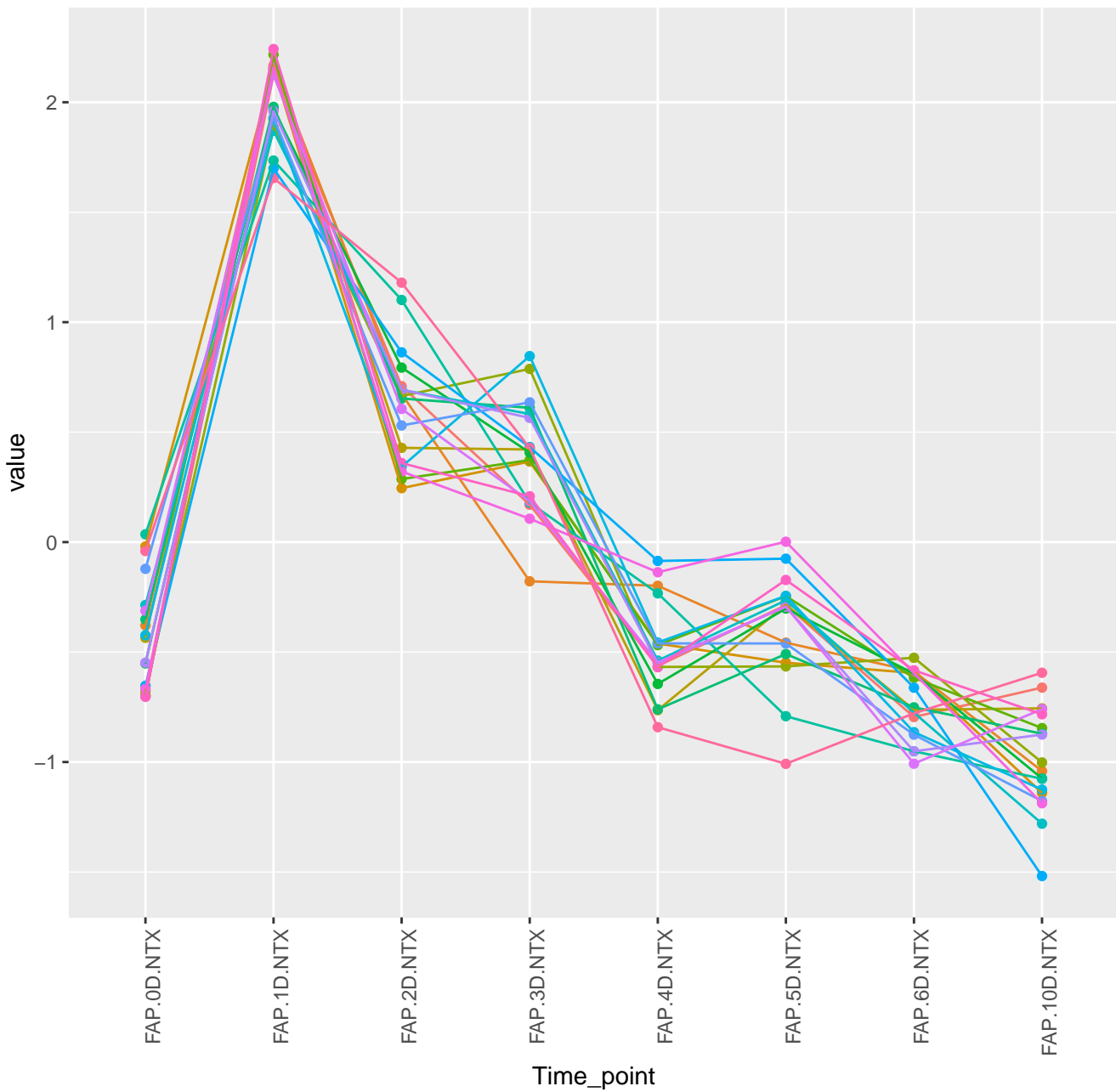
8 genes – cluster 289



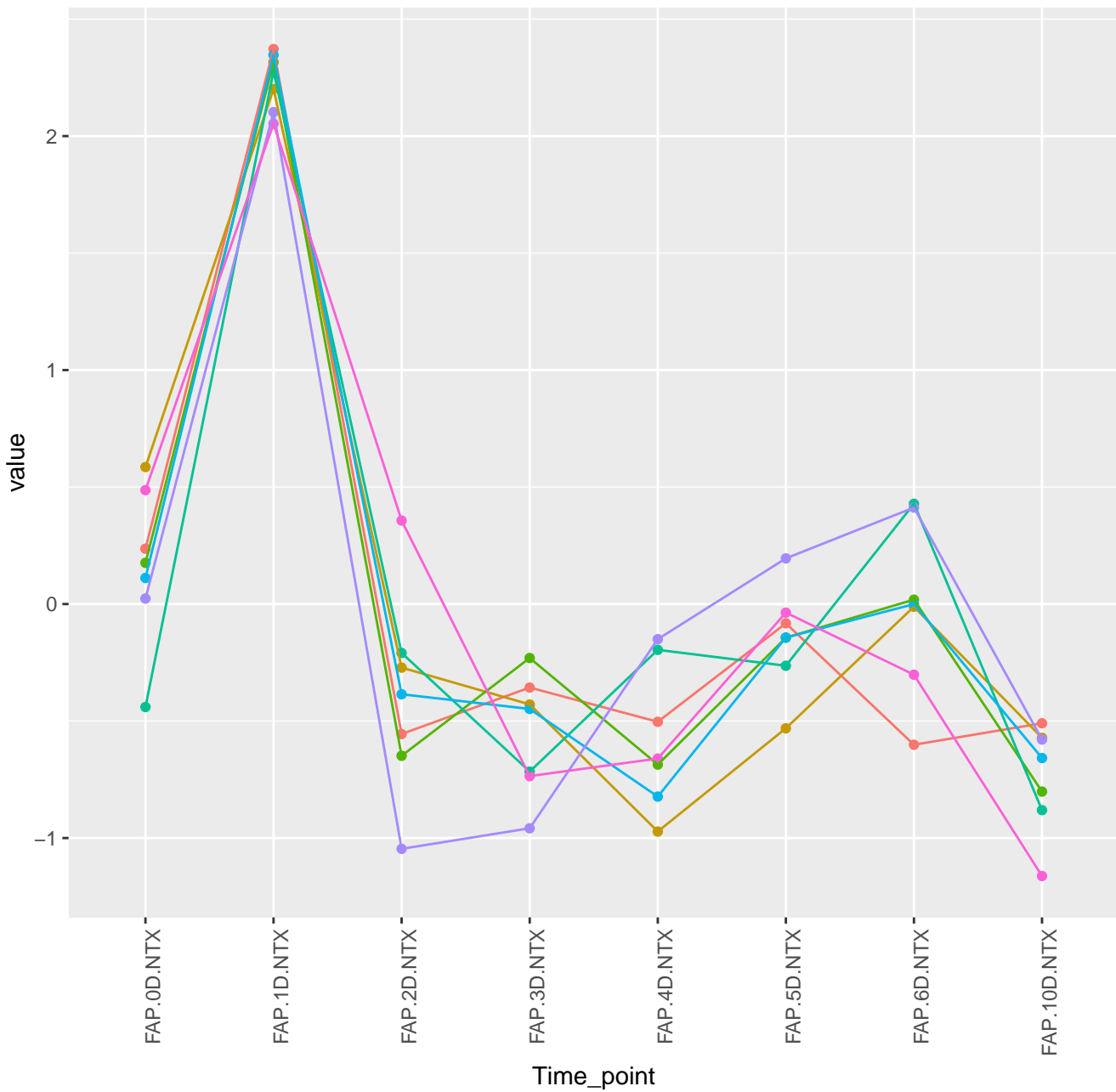
8 genes – cluster 290



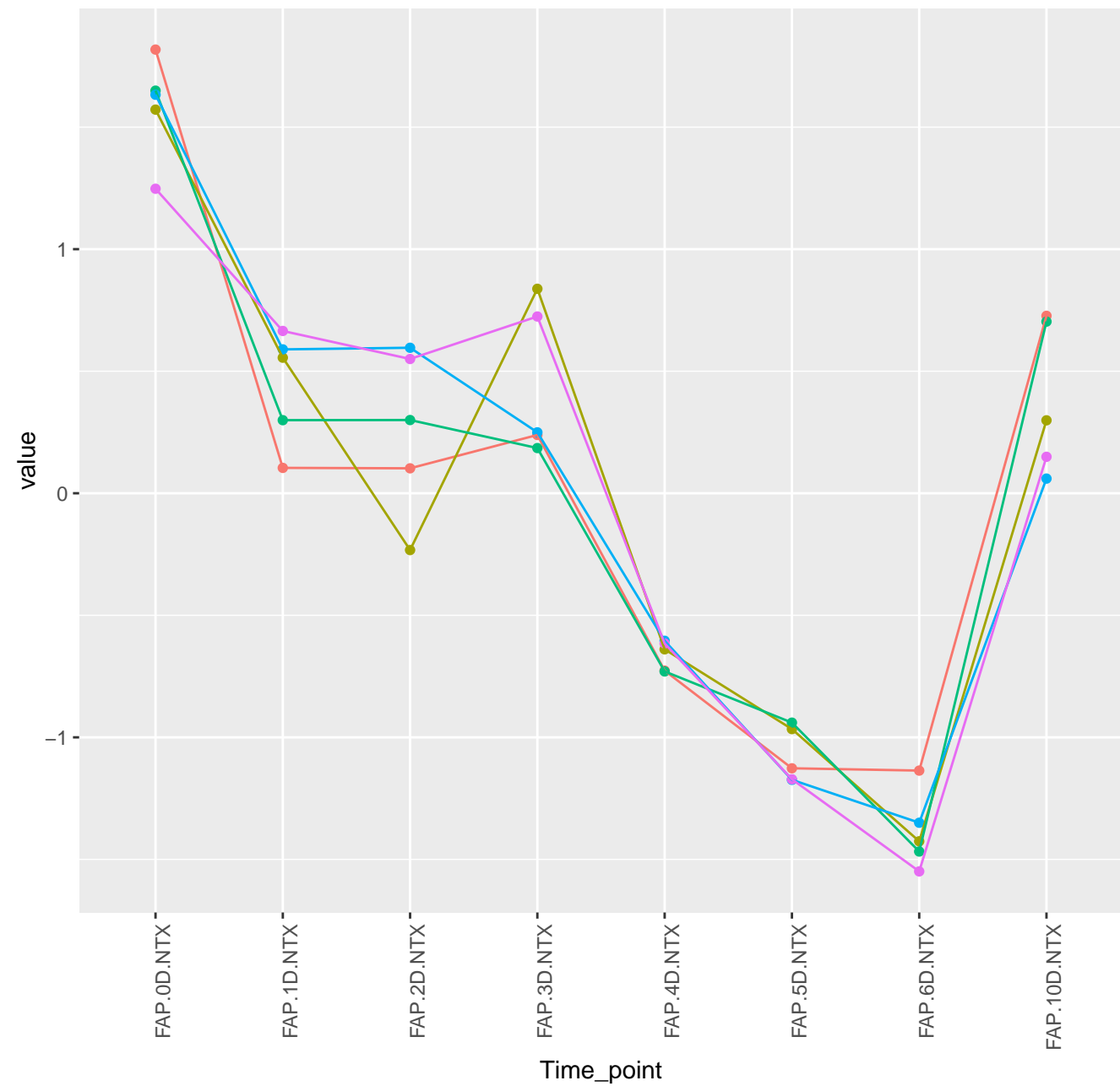
18 genes – cluster 291



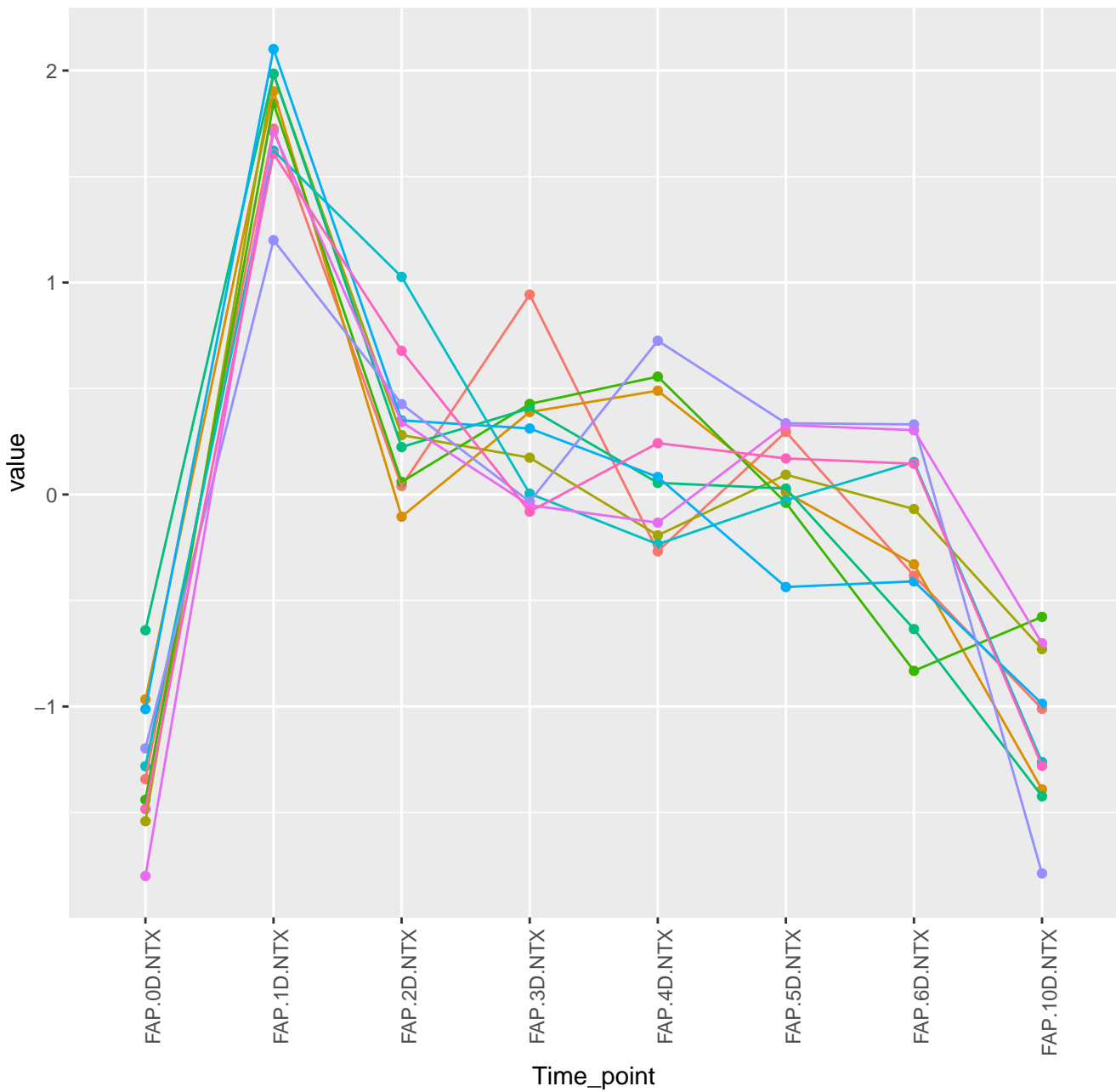
7 genes – cluster 292



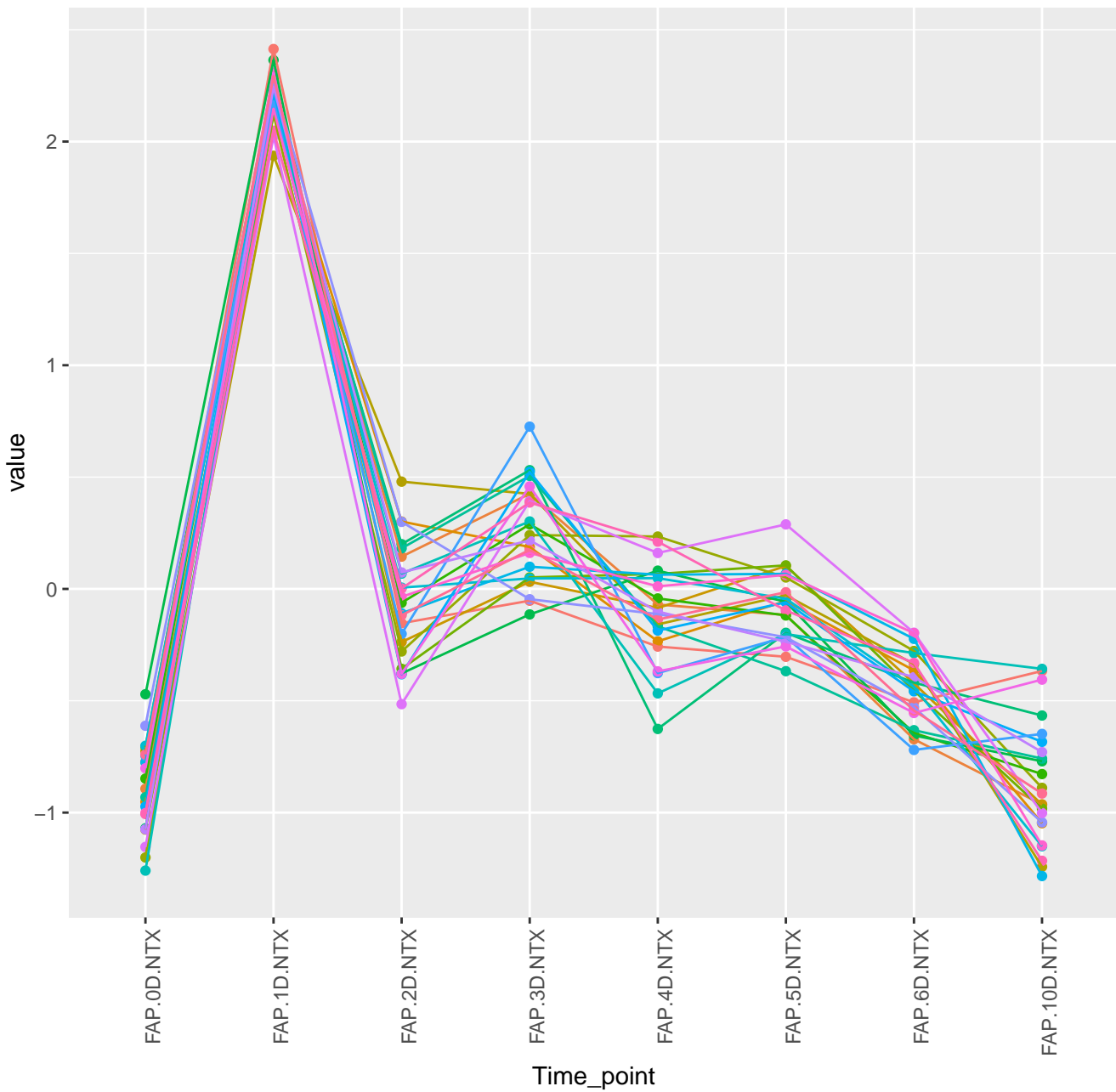
5 genes – cluster 293



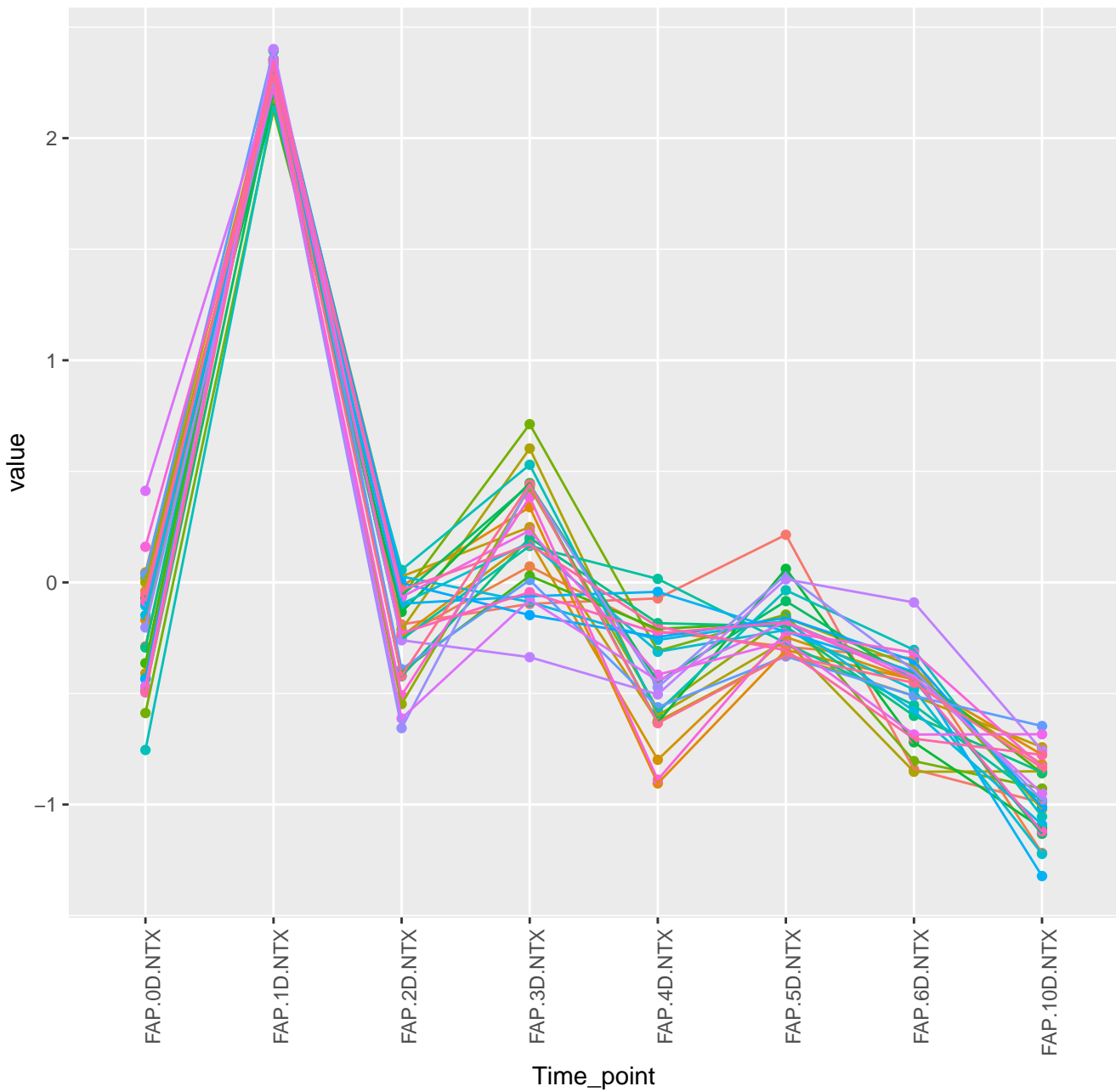
10 genes – cluster 294



23 genes – cluster 295

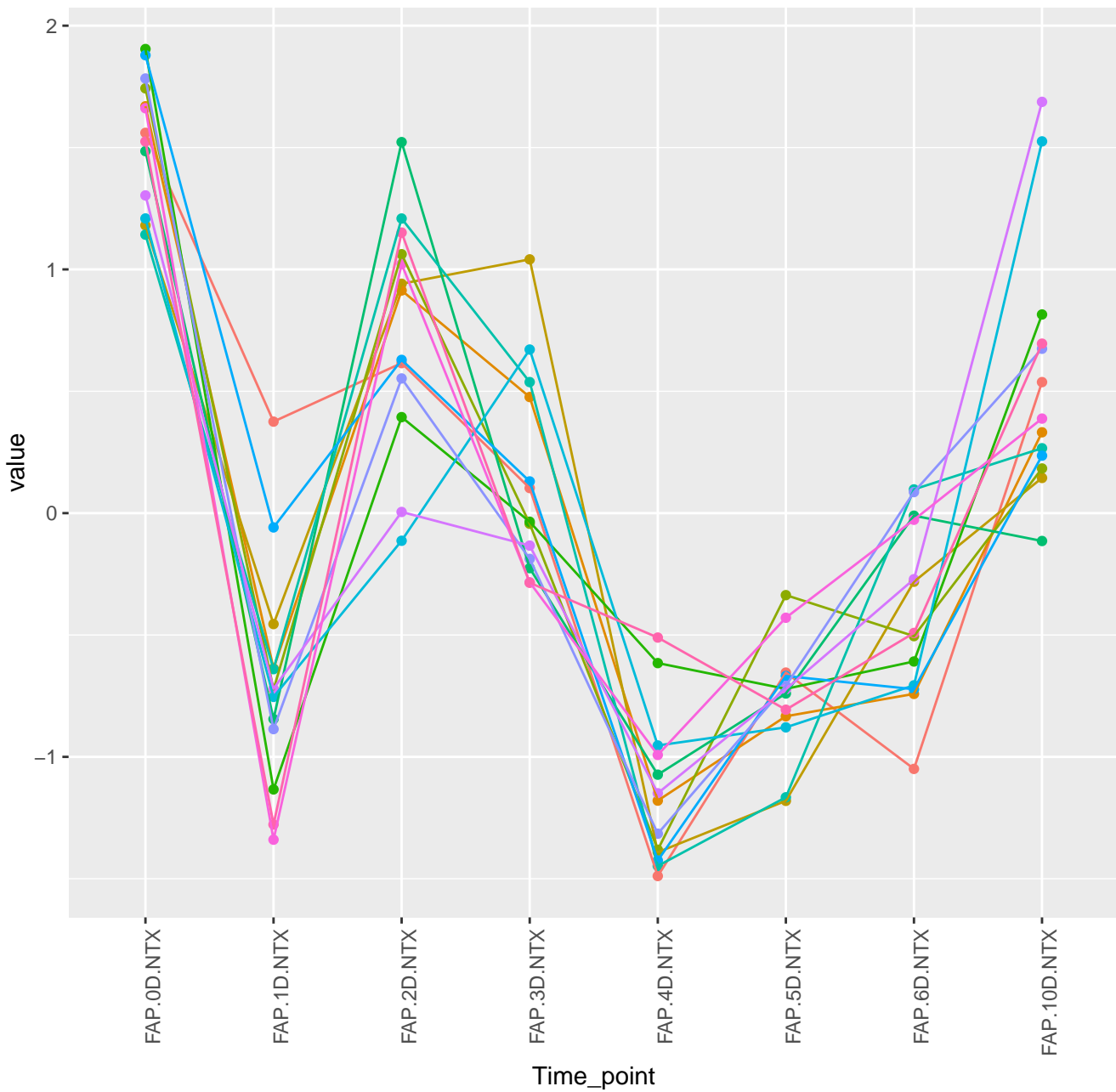


27 genes – cluster 296

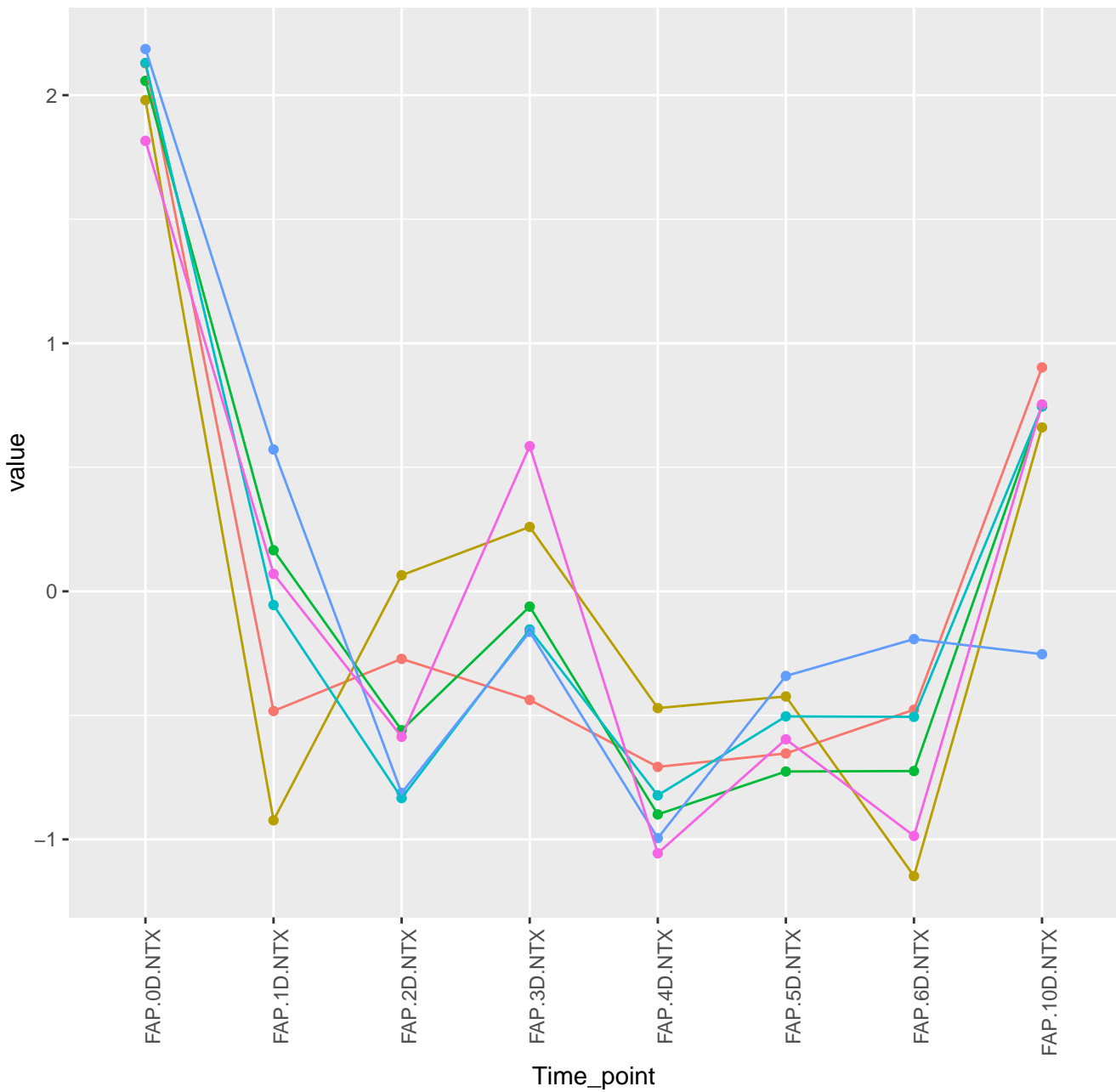




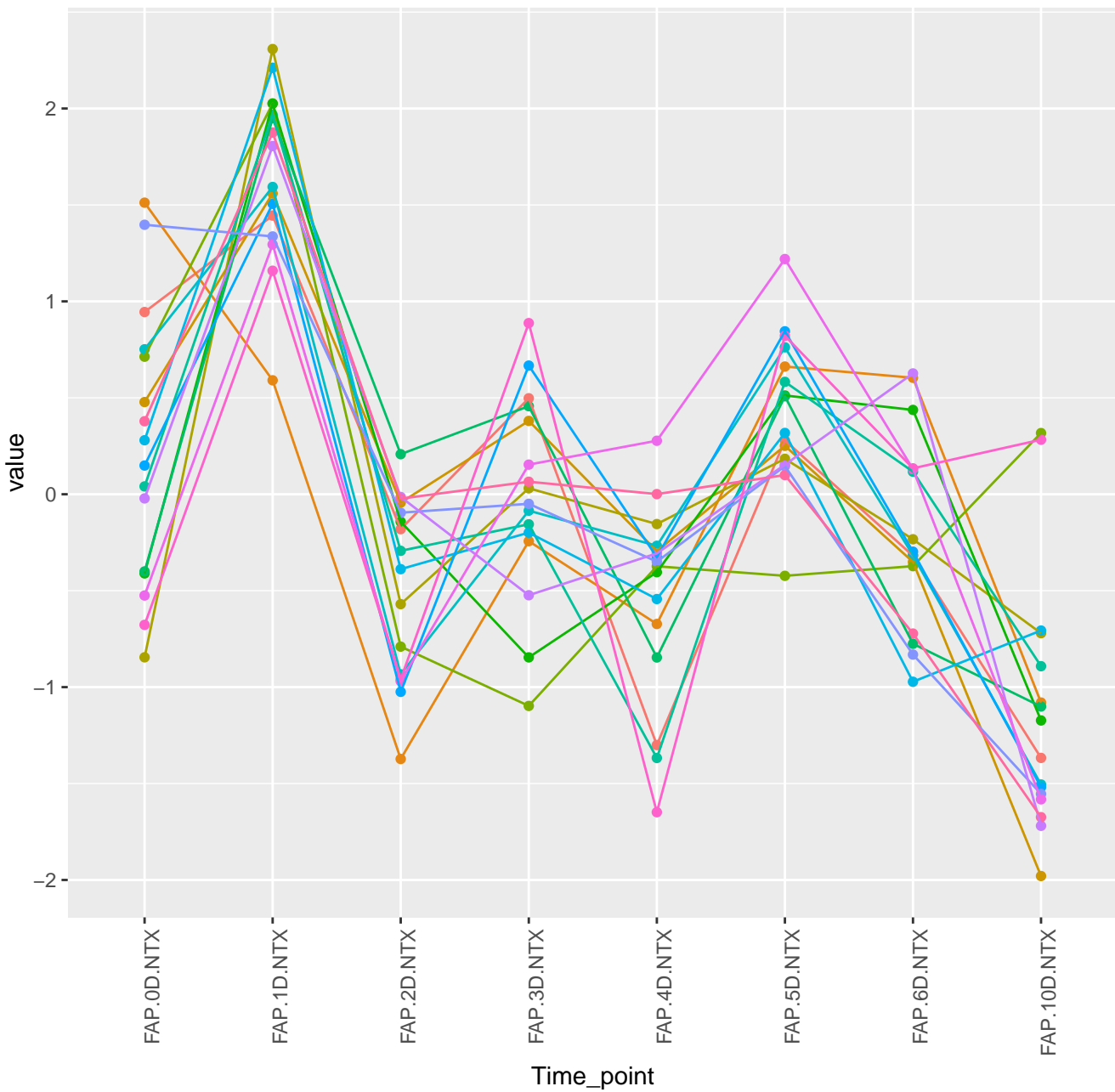
13 genes – cluster 297



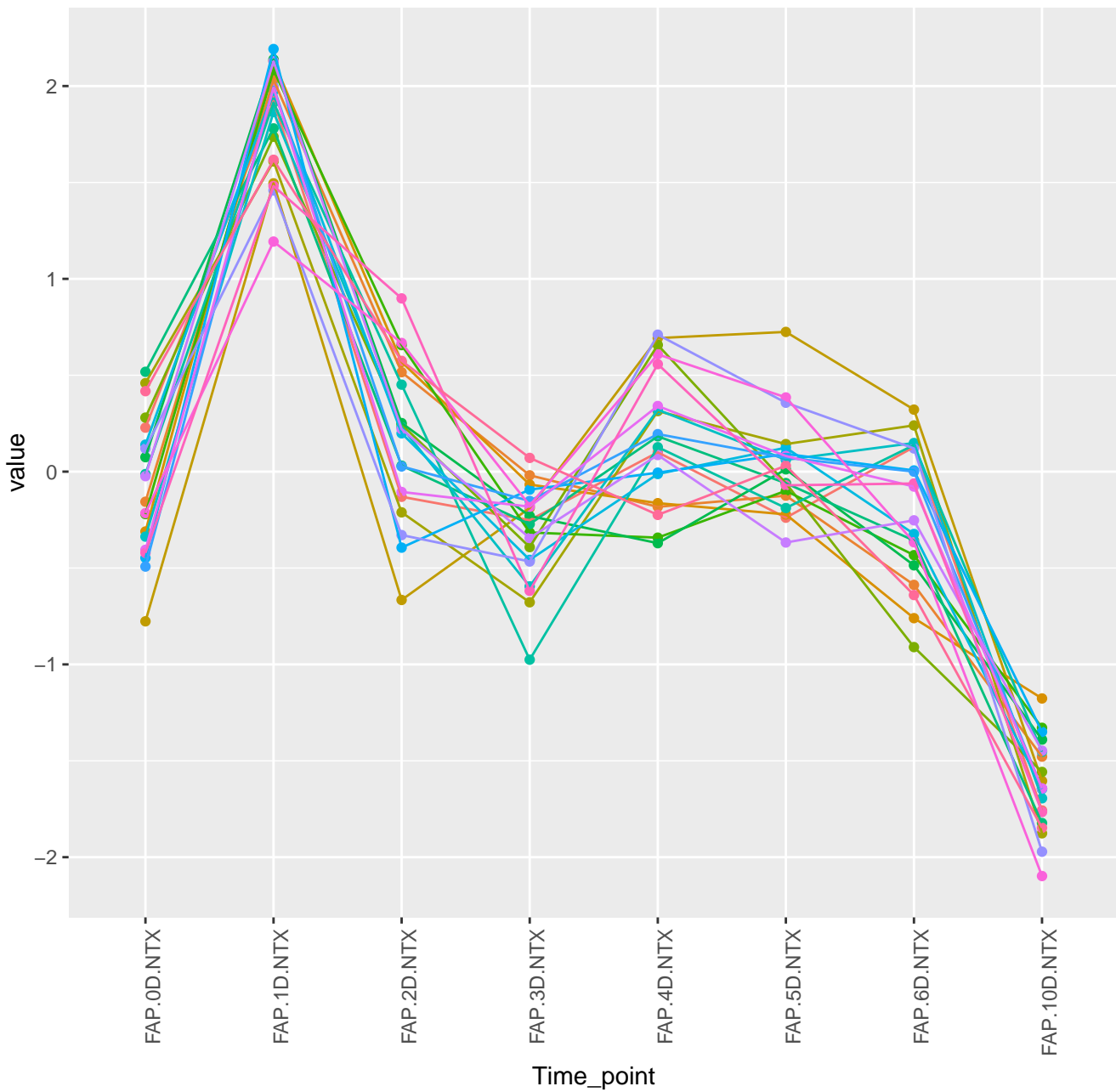
6 genes – cluster 298



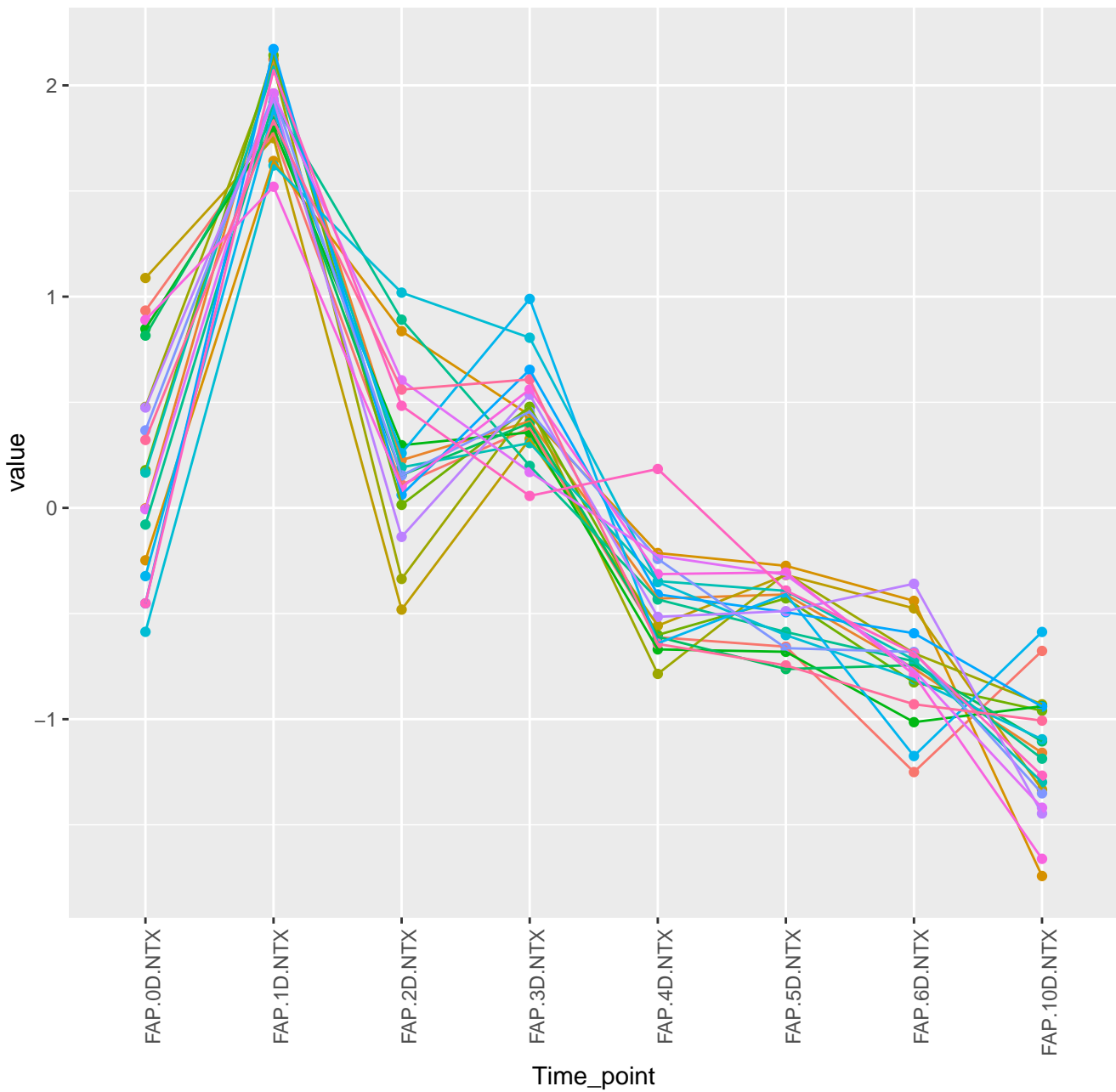
16 genes – cluster 299



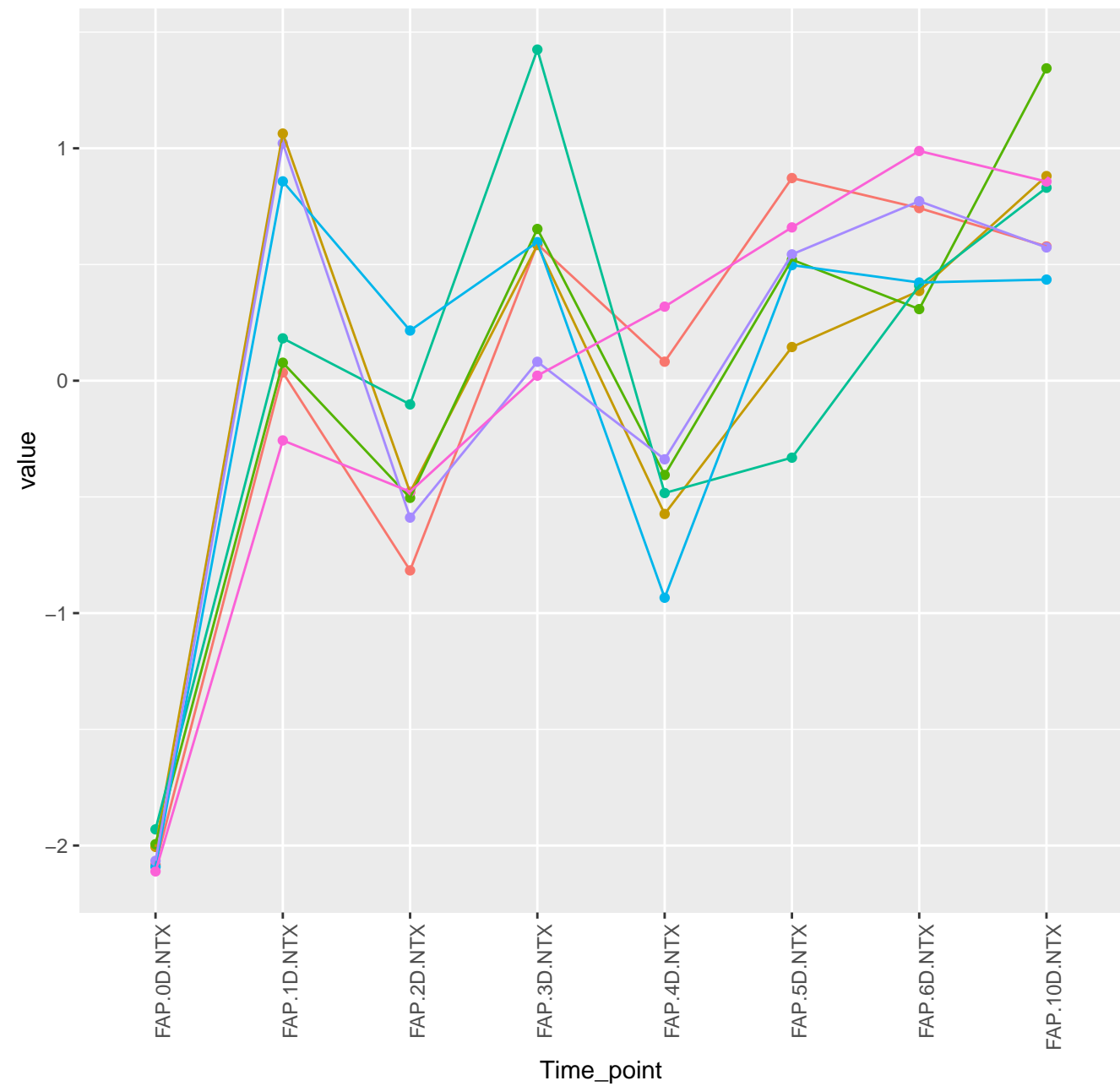
20 genes – cluster 300



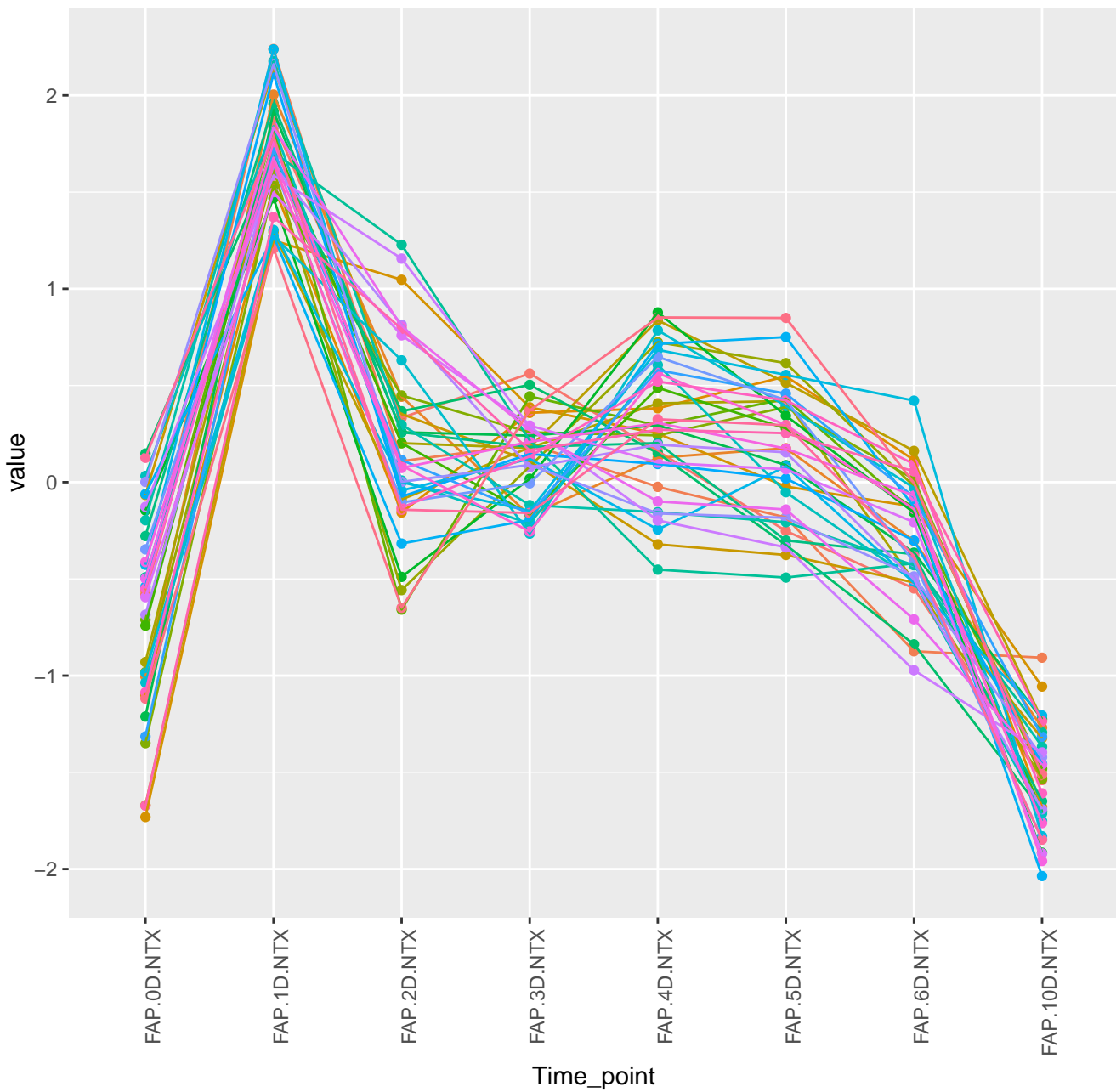
19 genes – cluster 301



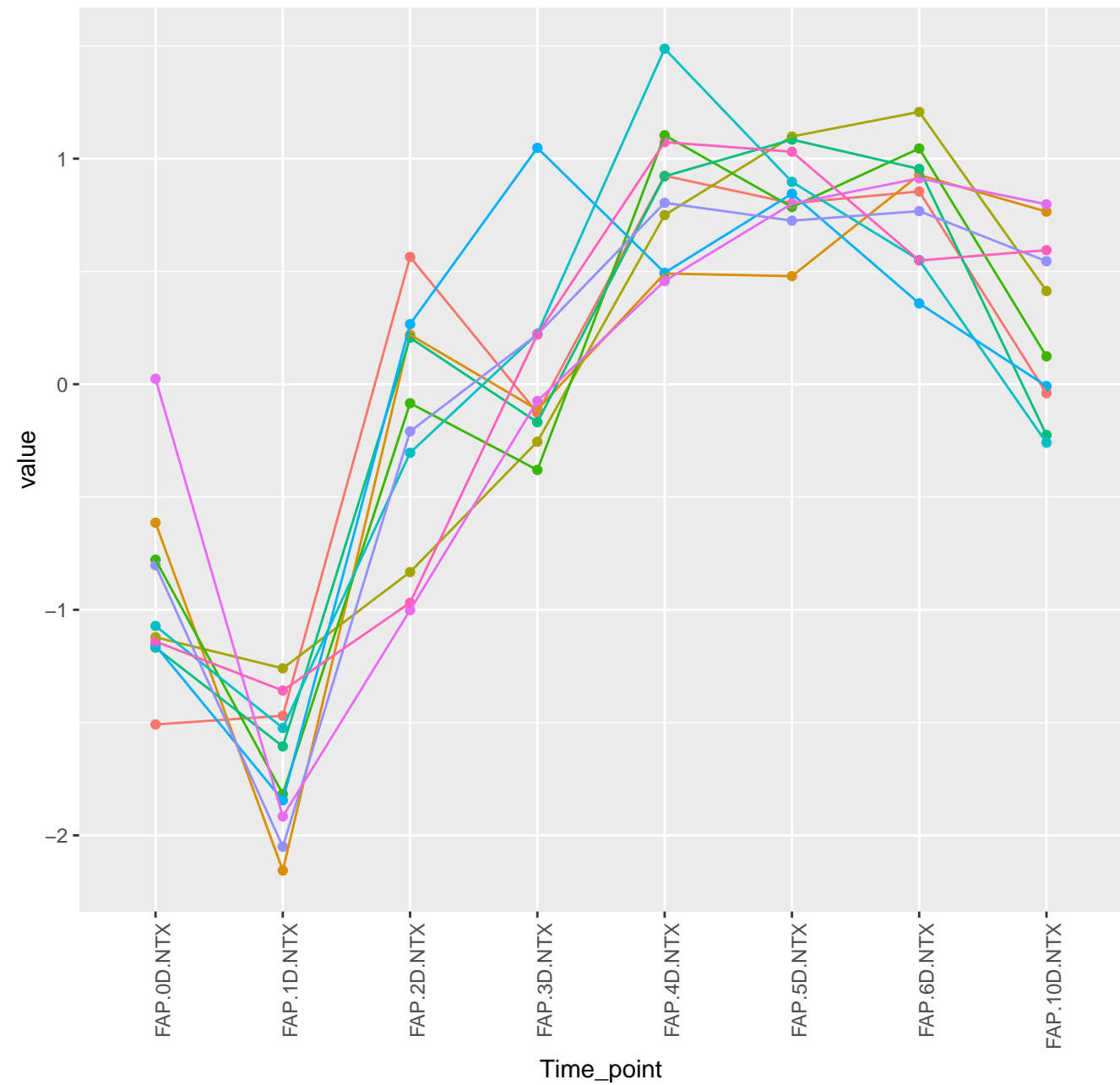
7 genes – cluster 302



37 genes – cluster 303

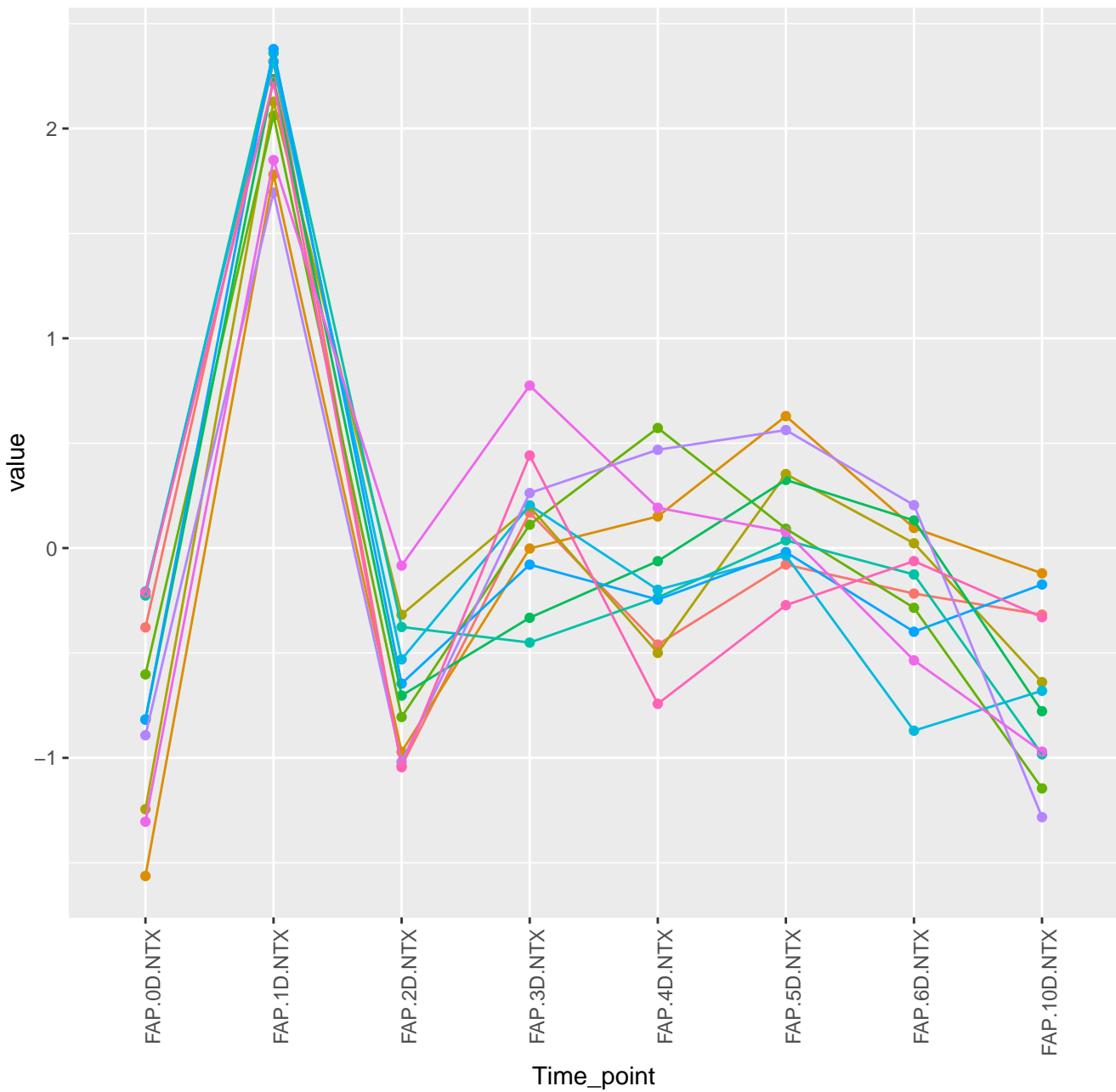


10 genes – cluster 304

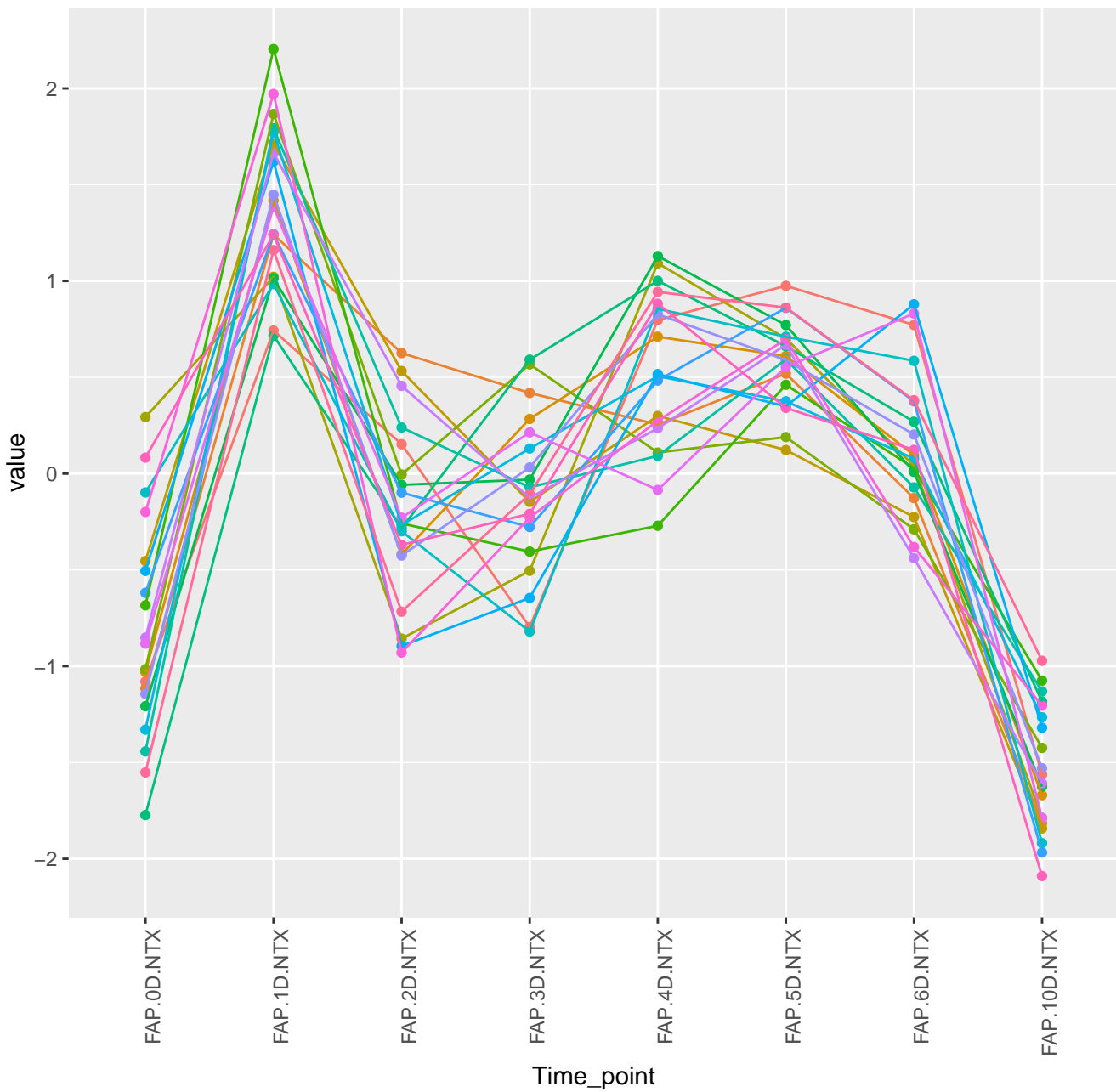




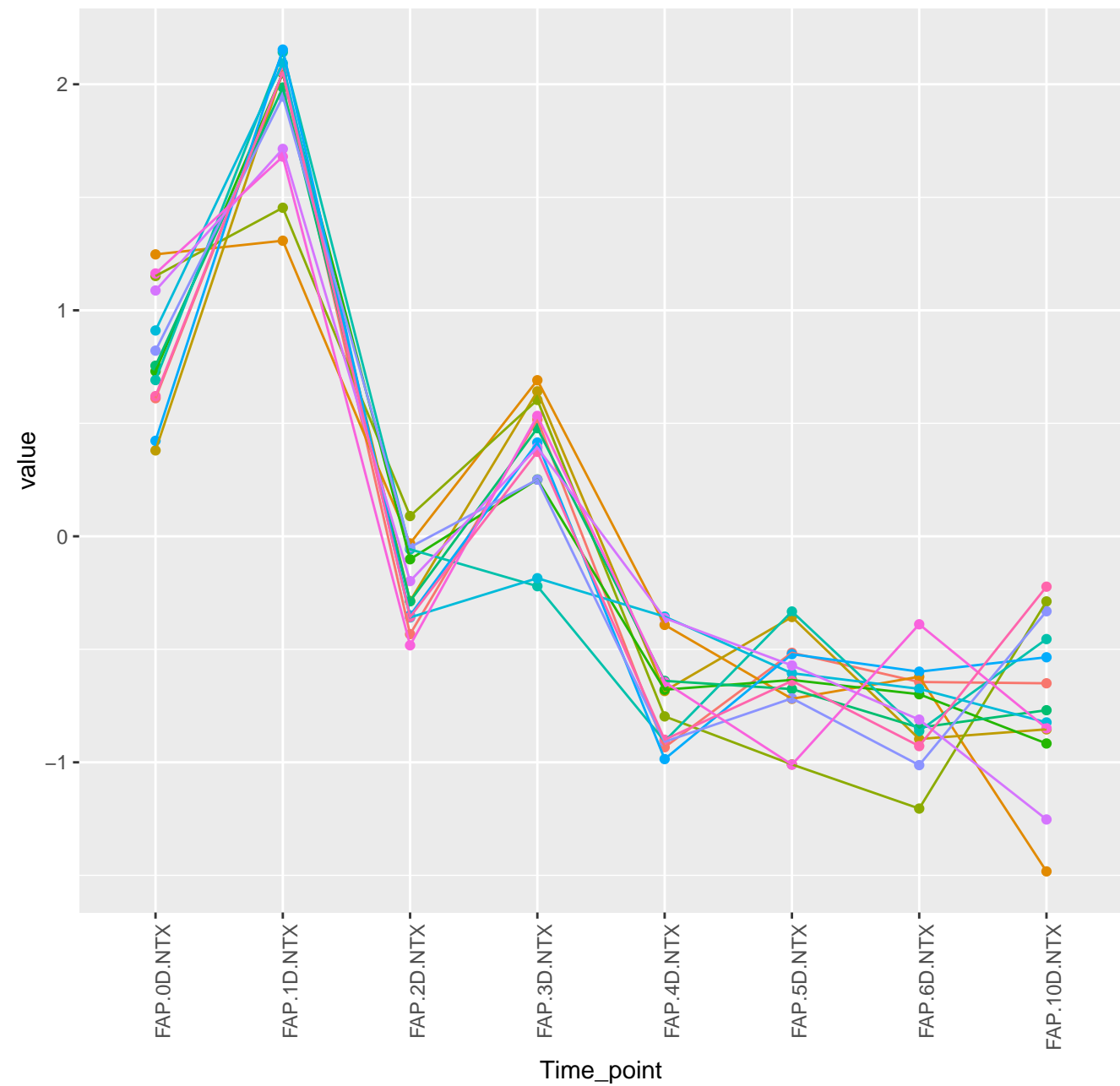
11 genes – cluster 305



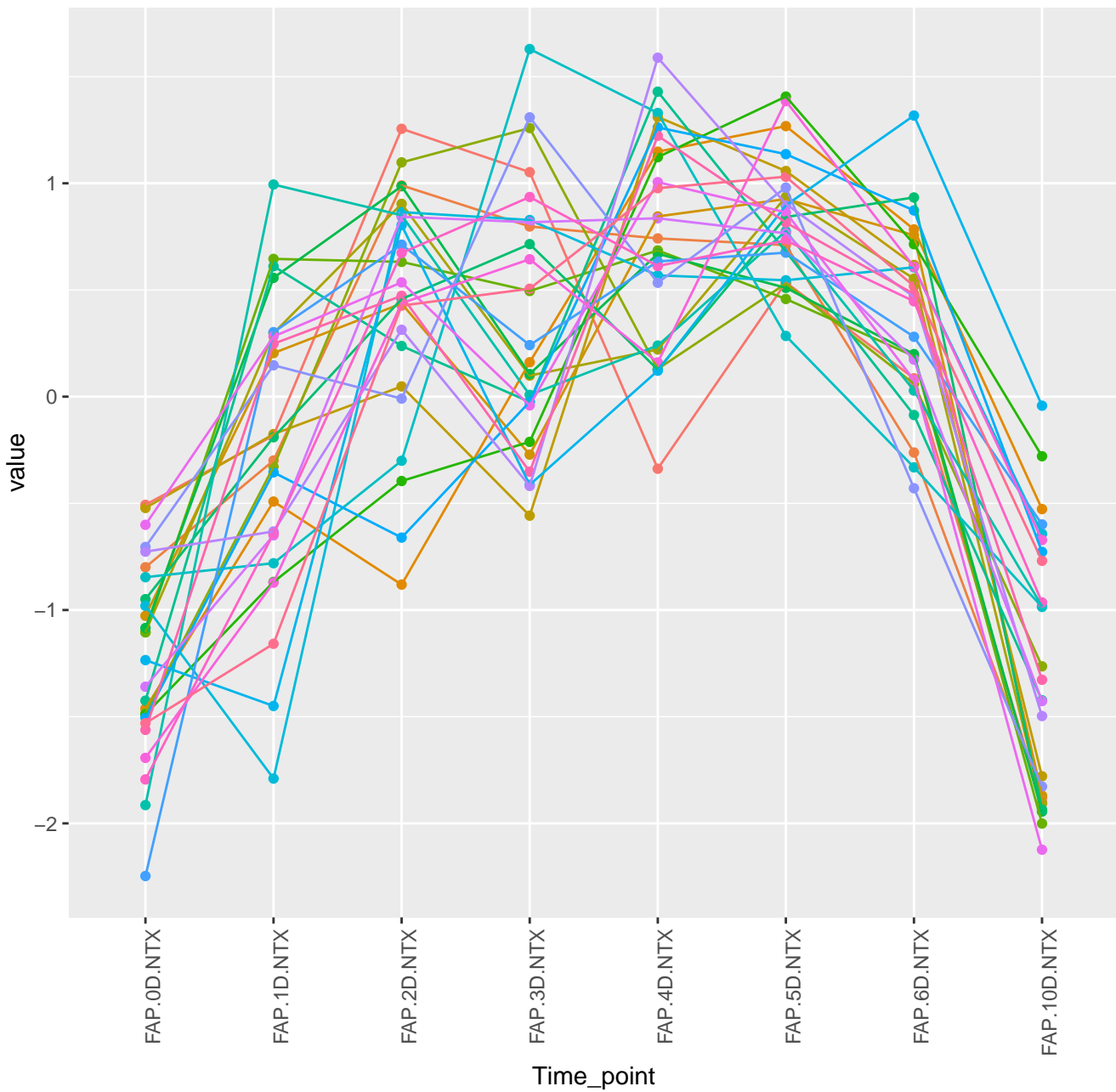
20 genes – cluster 306



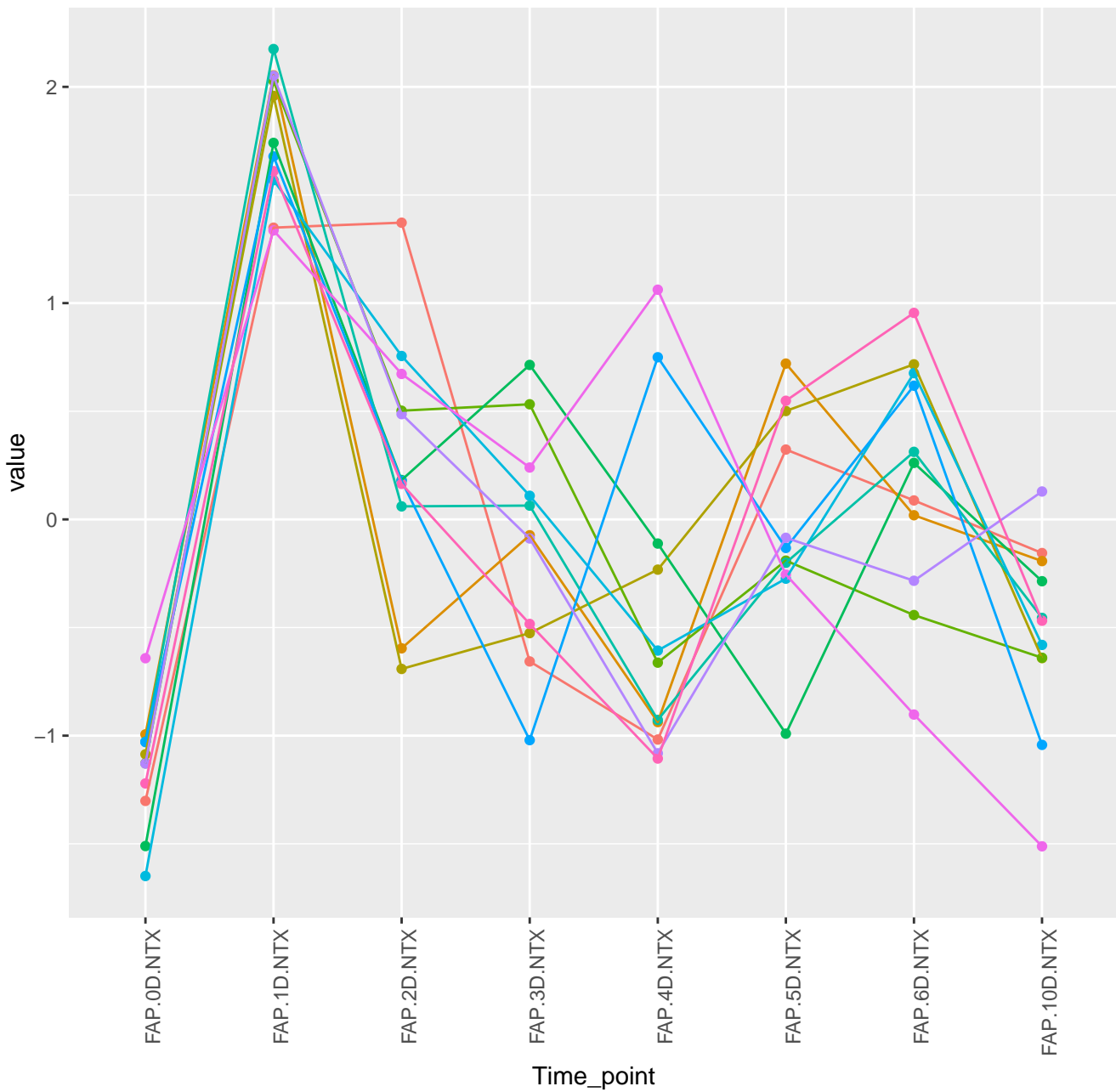
13 genes – cluster 307



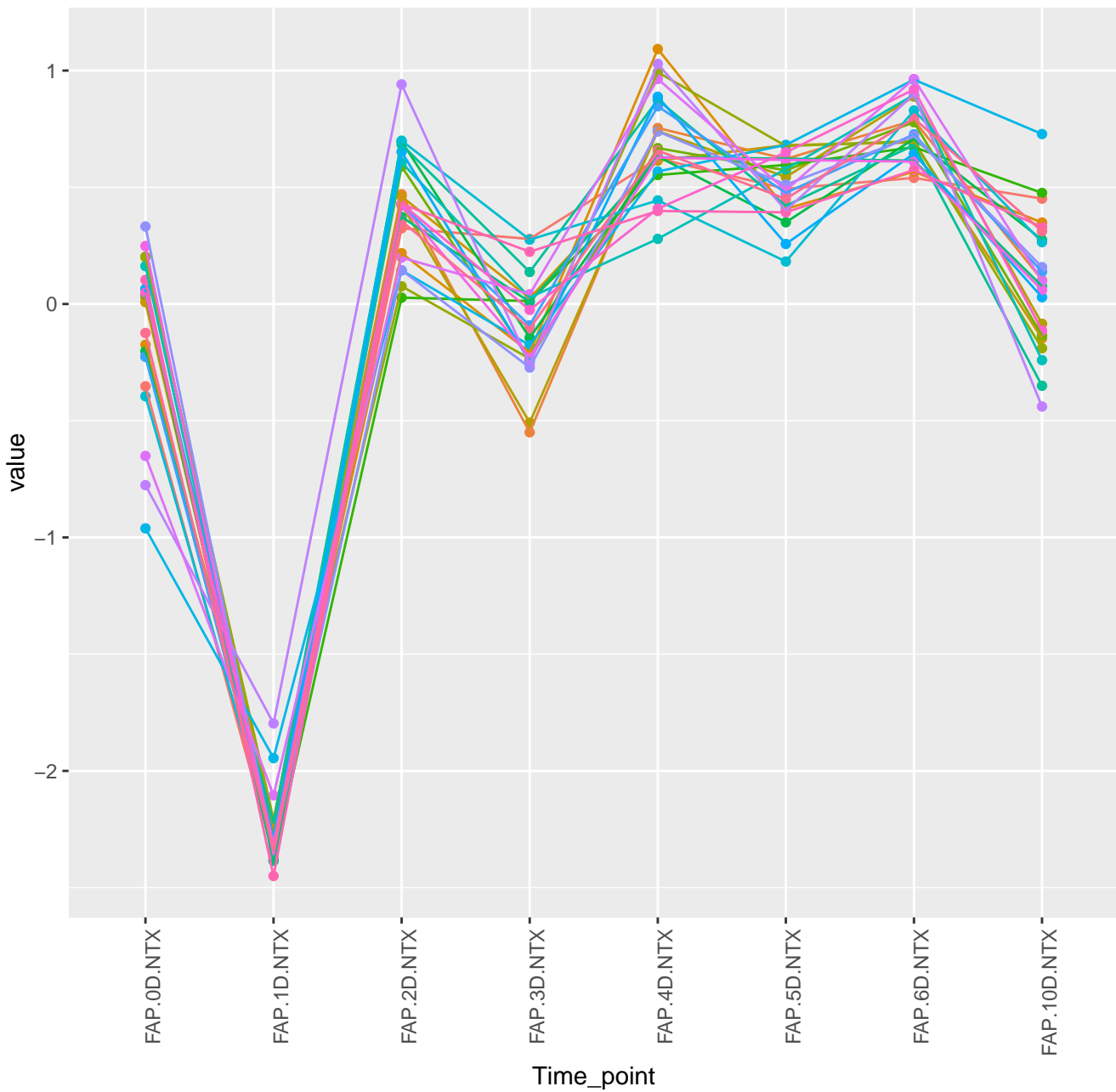
26 genes – cluster 308



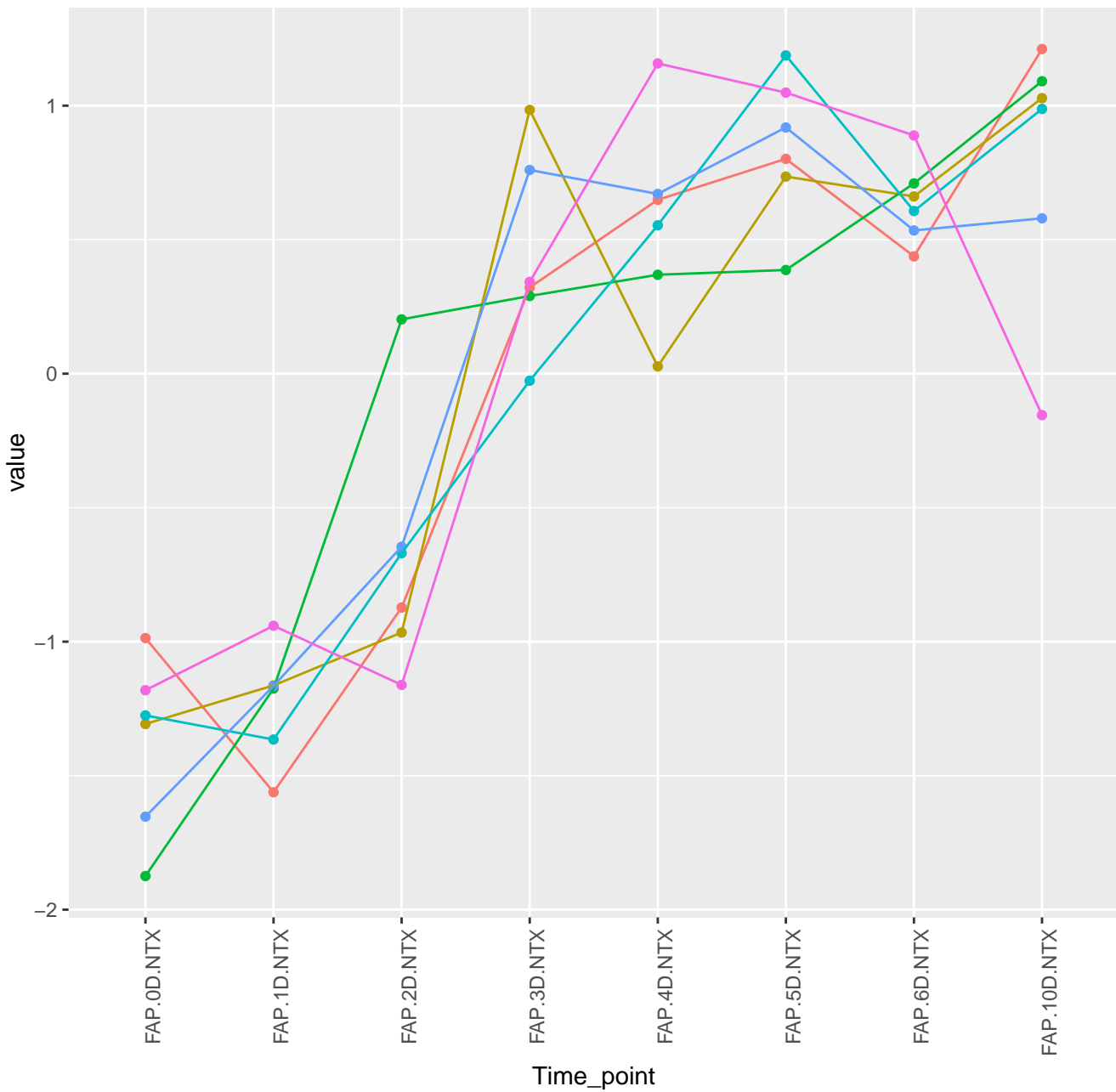
11 genes – cluster 309



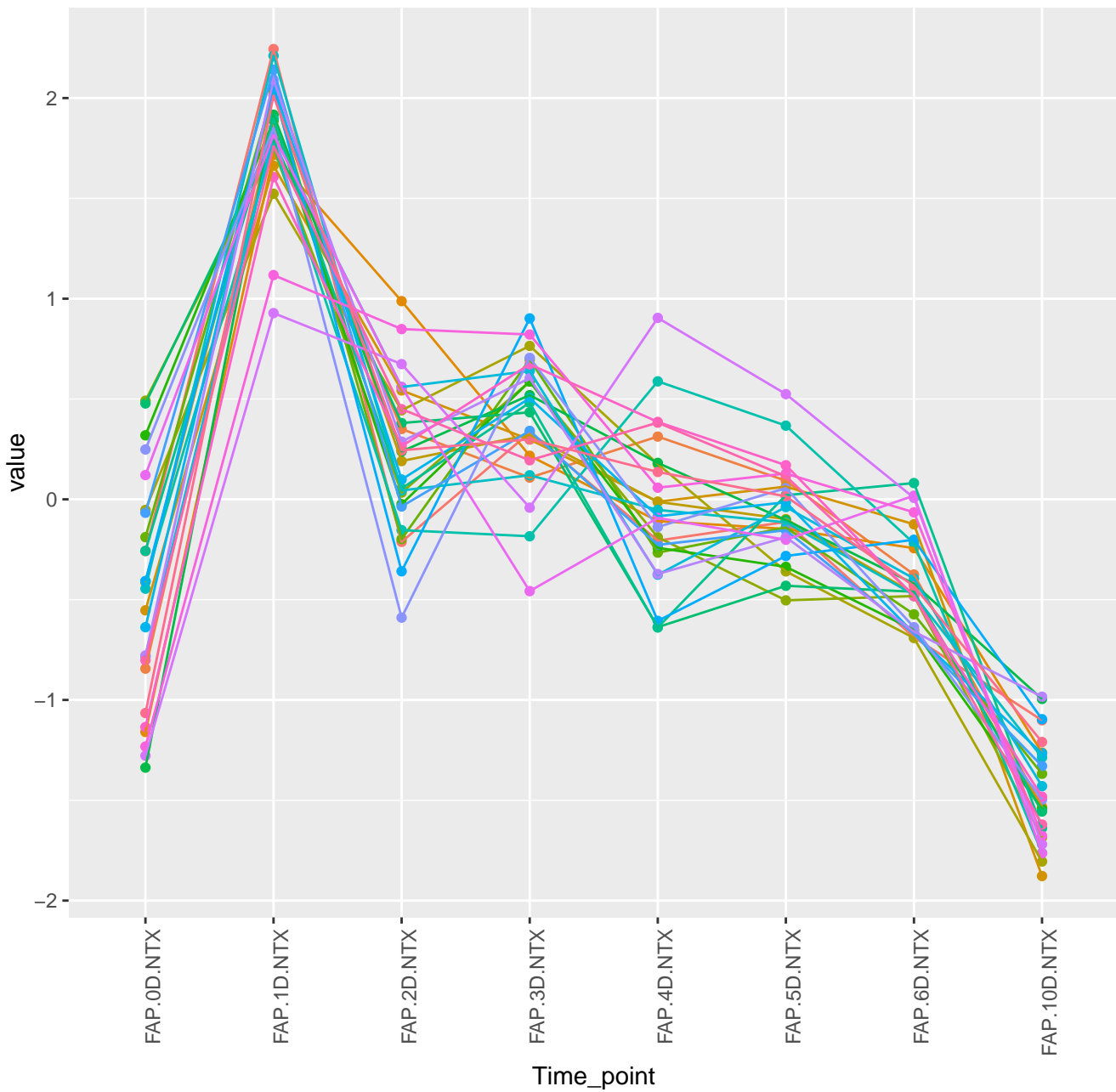
23 genes – cluster 310



6 genes – cluster 311

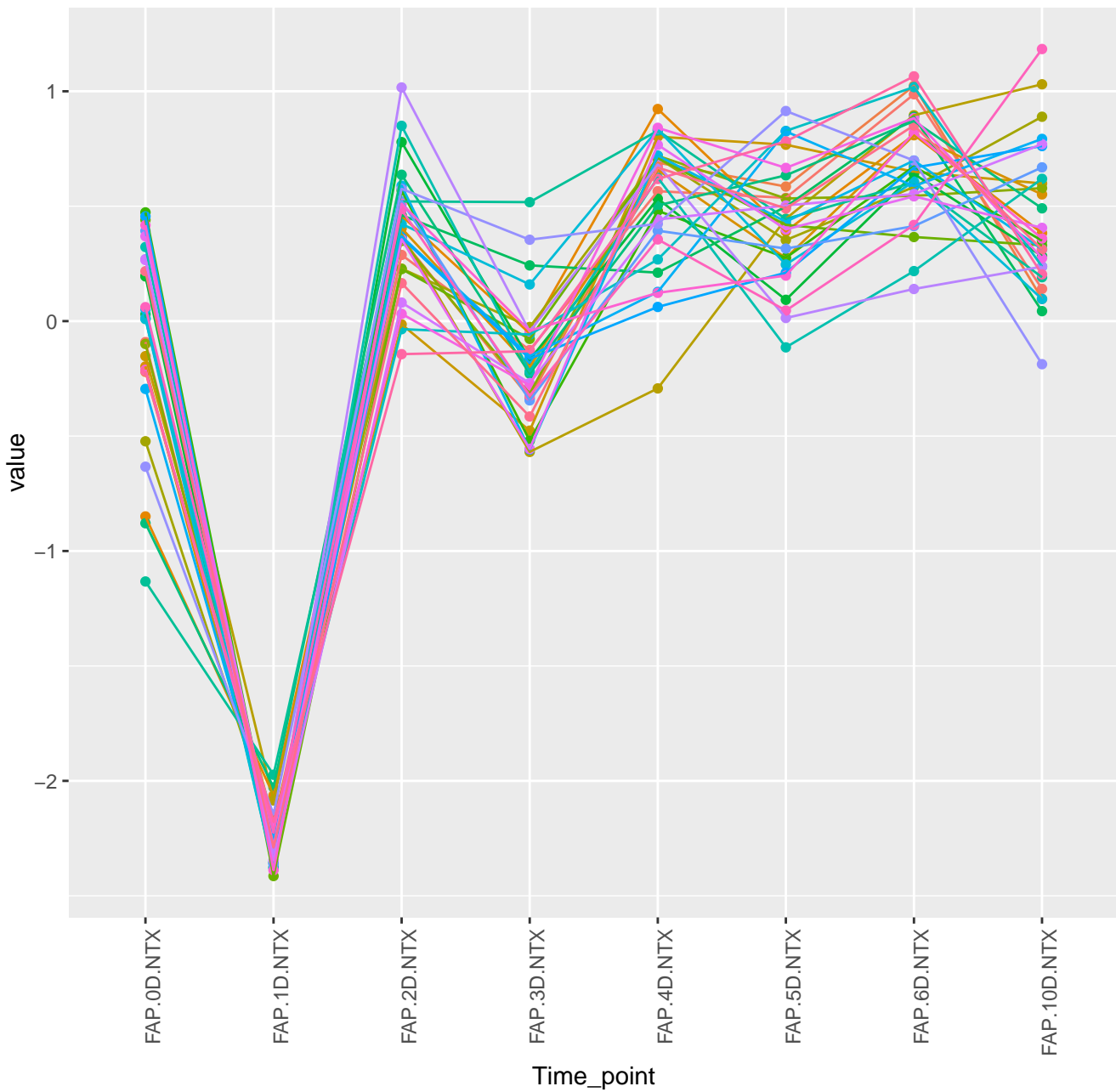


26 genes – cluster 312

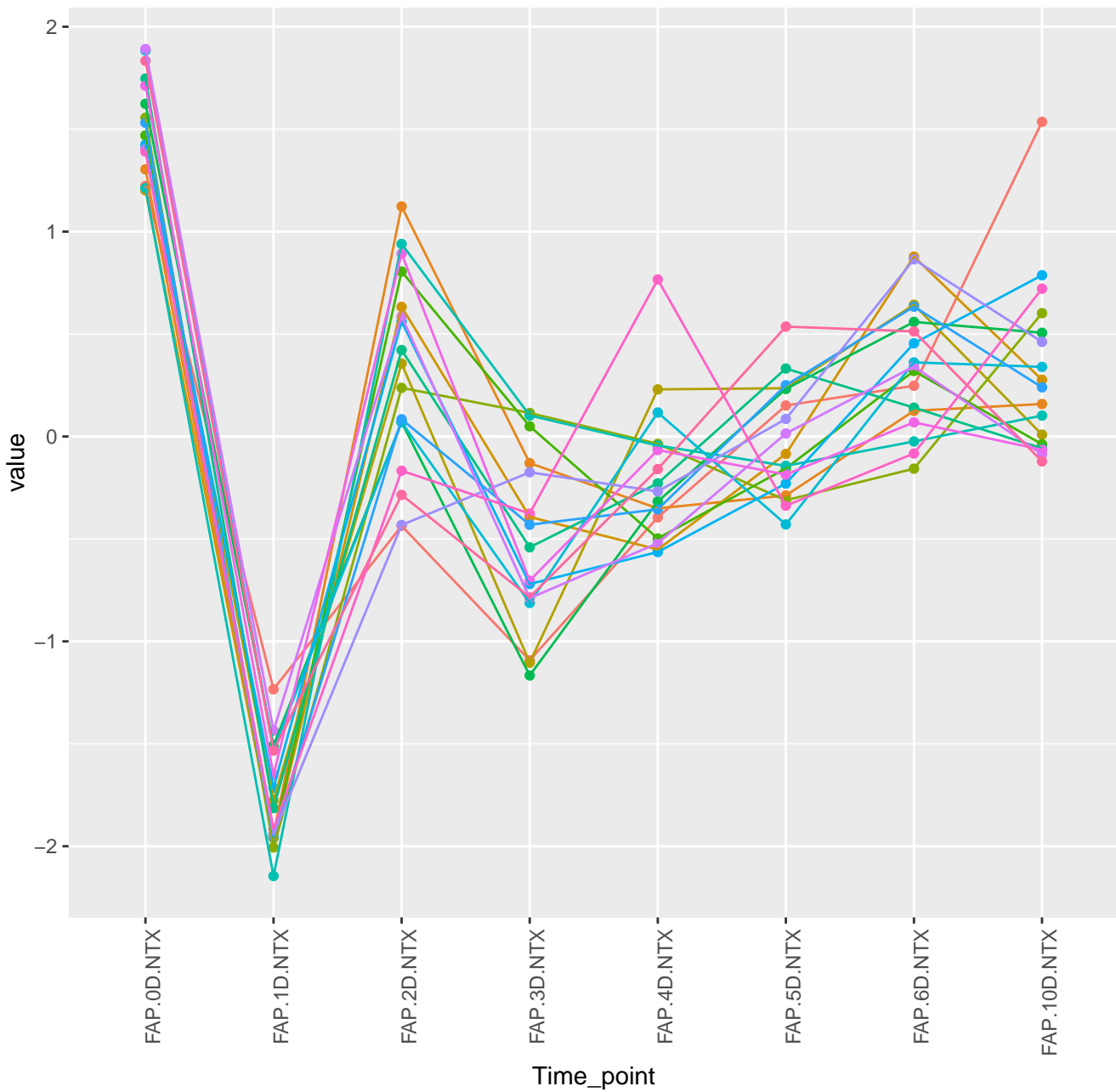




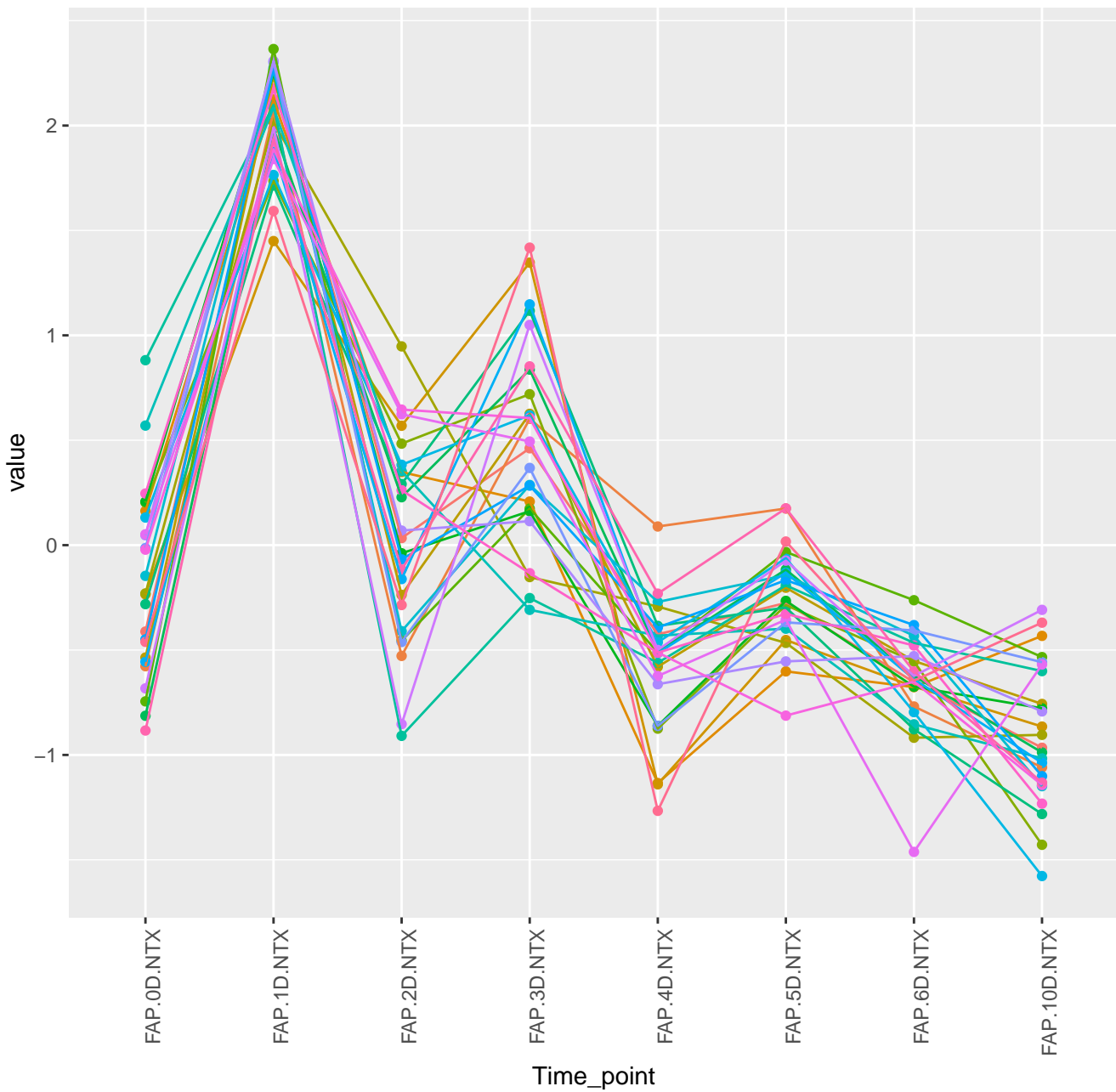
30 genes – cluster 313



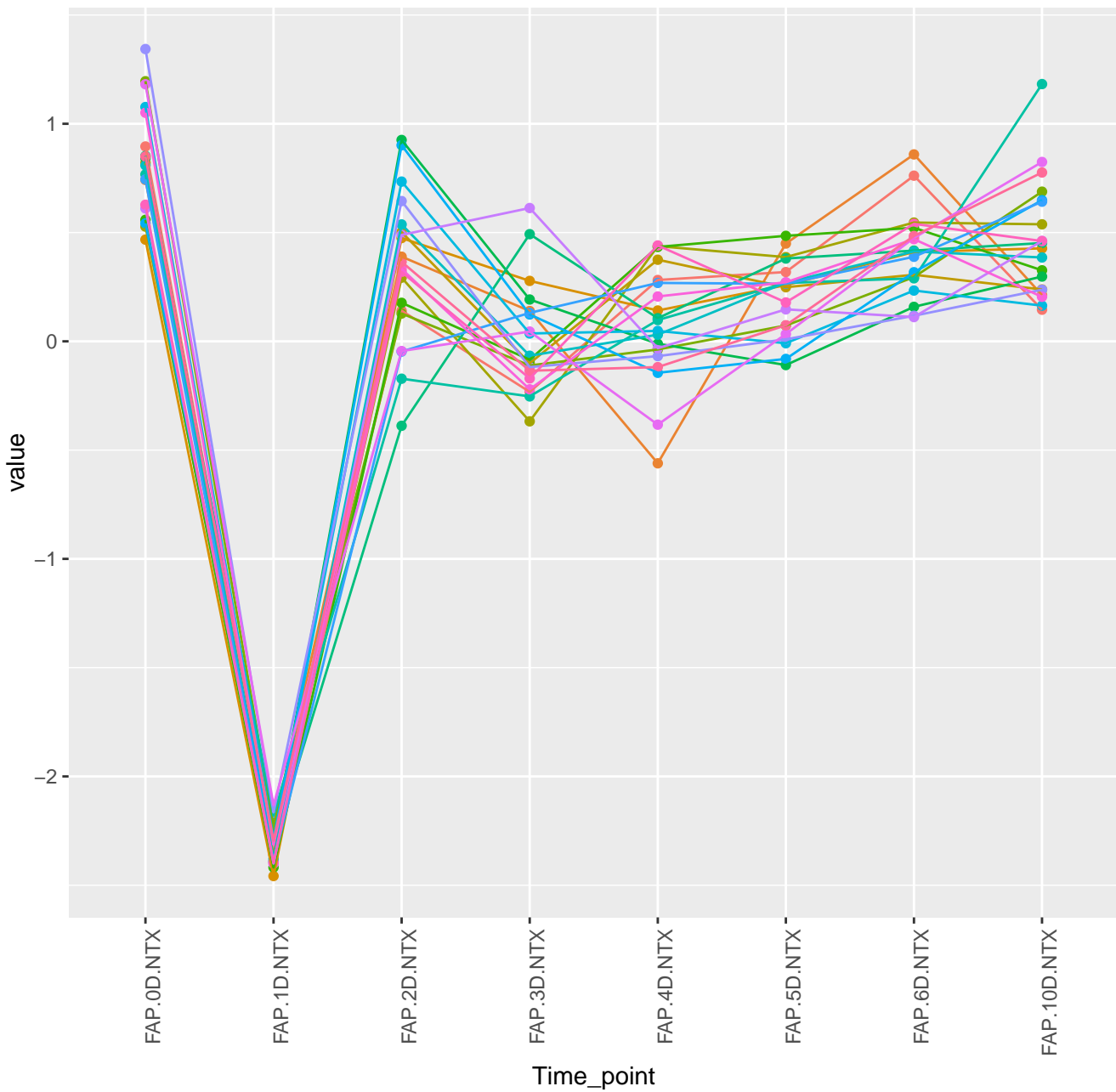
17 genes – cluster 314



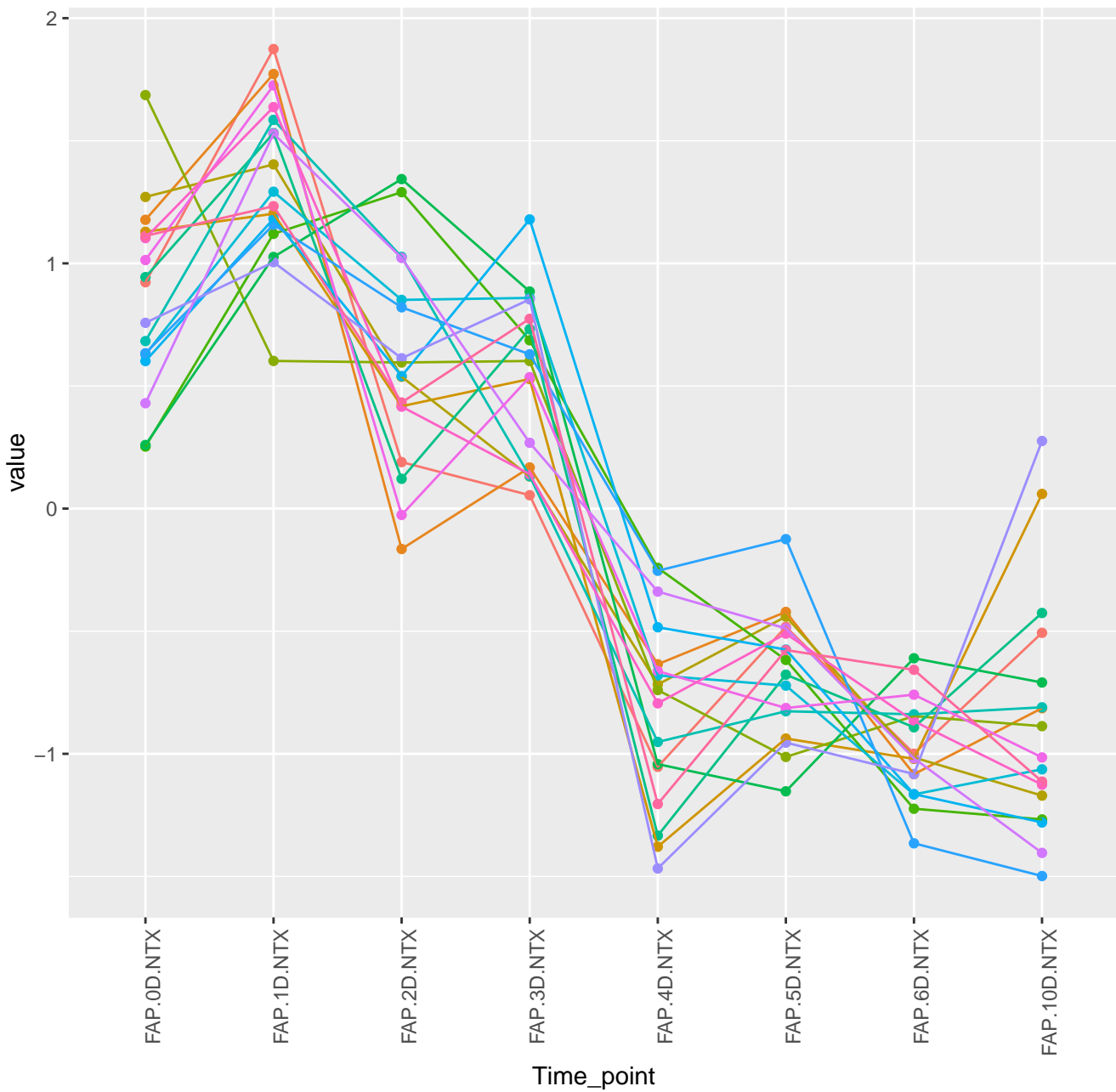
25 genes – cluster 315



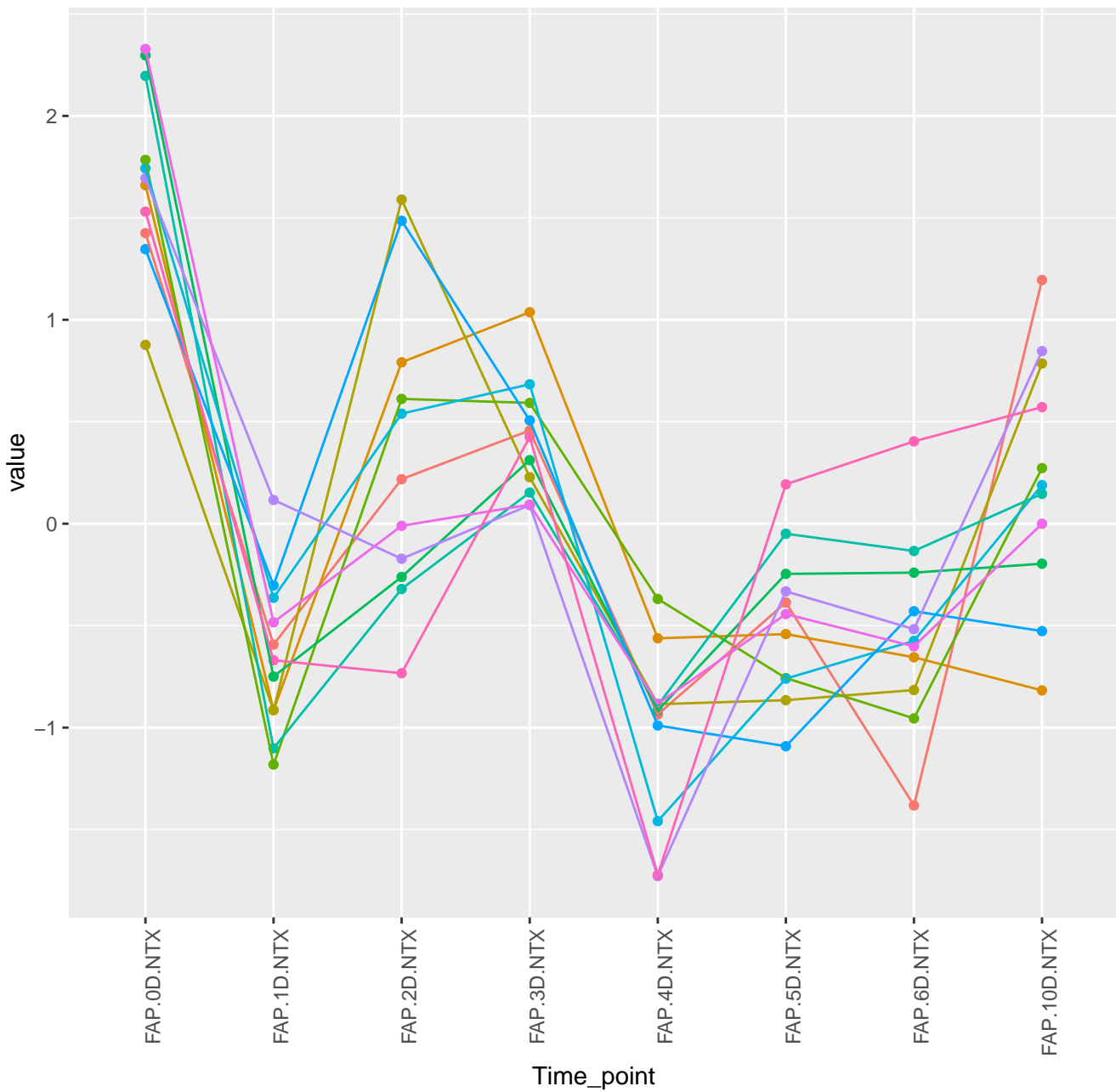
20 genes – cluster 316



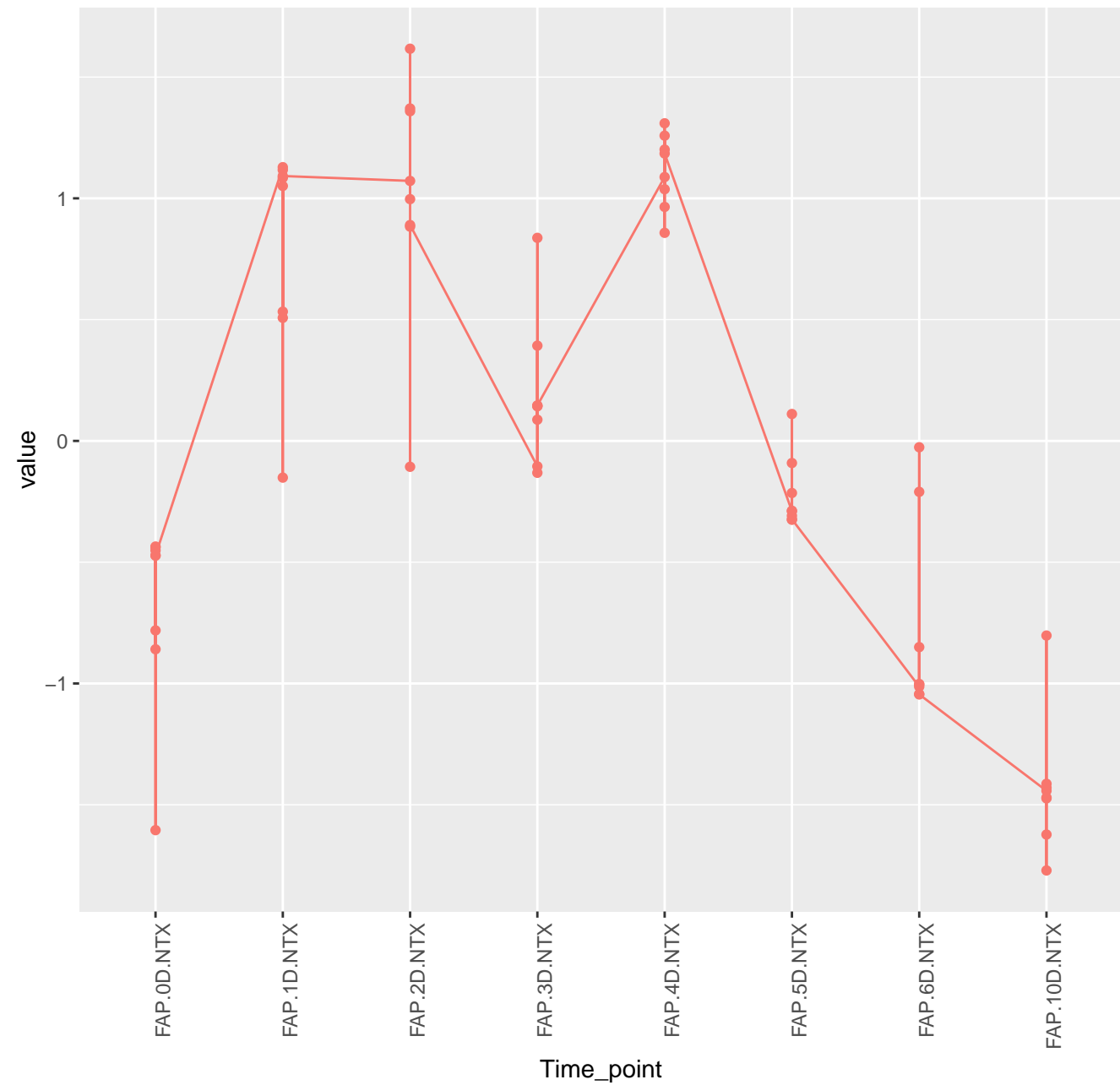
17 genes – cluster 317



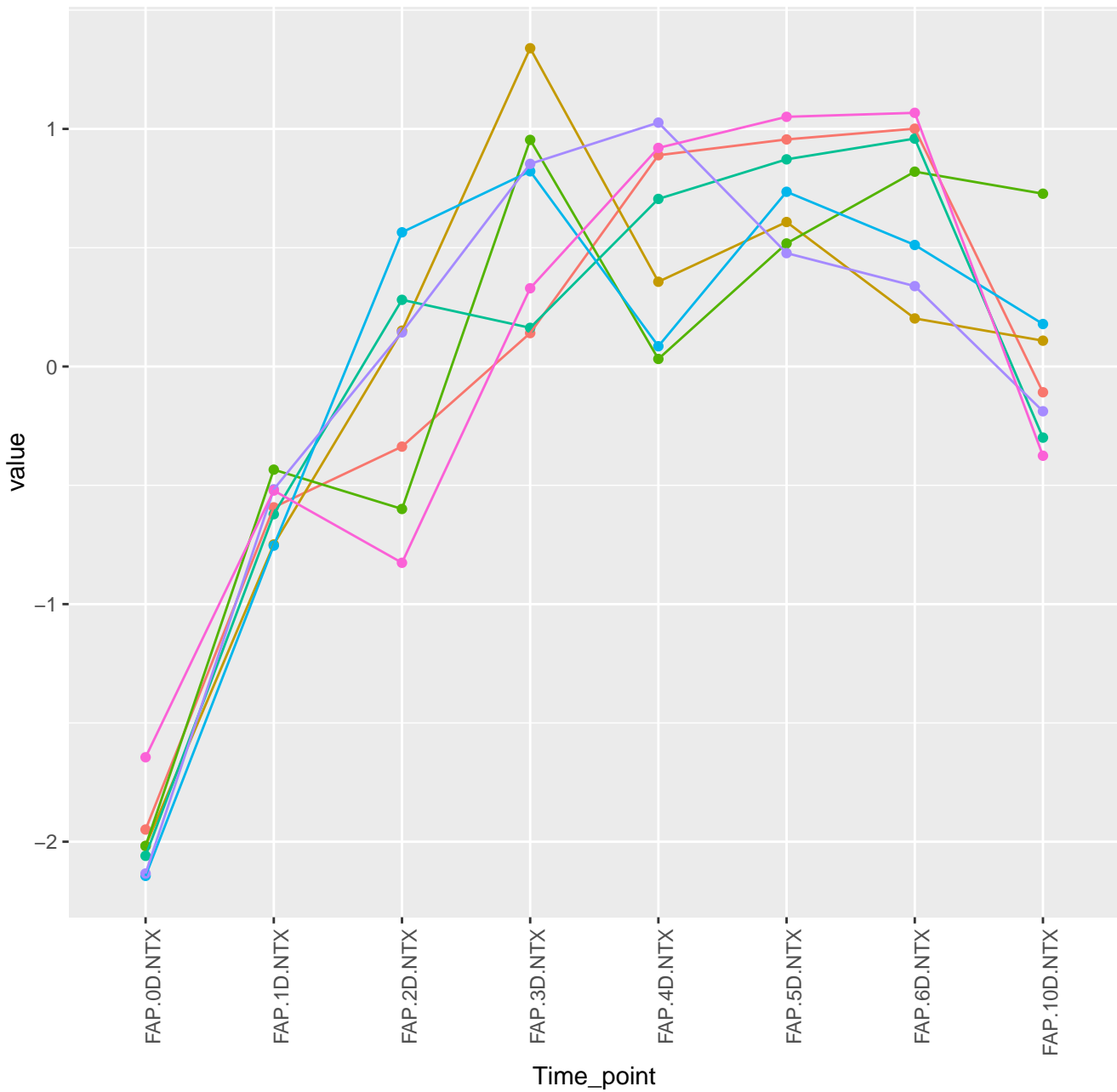
11 genes – cluster 318



8 genes – cluster 319

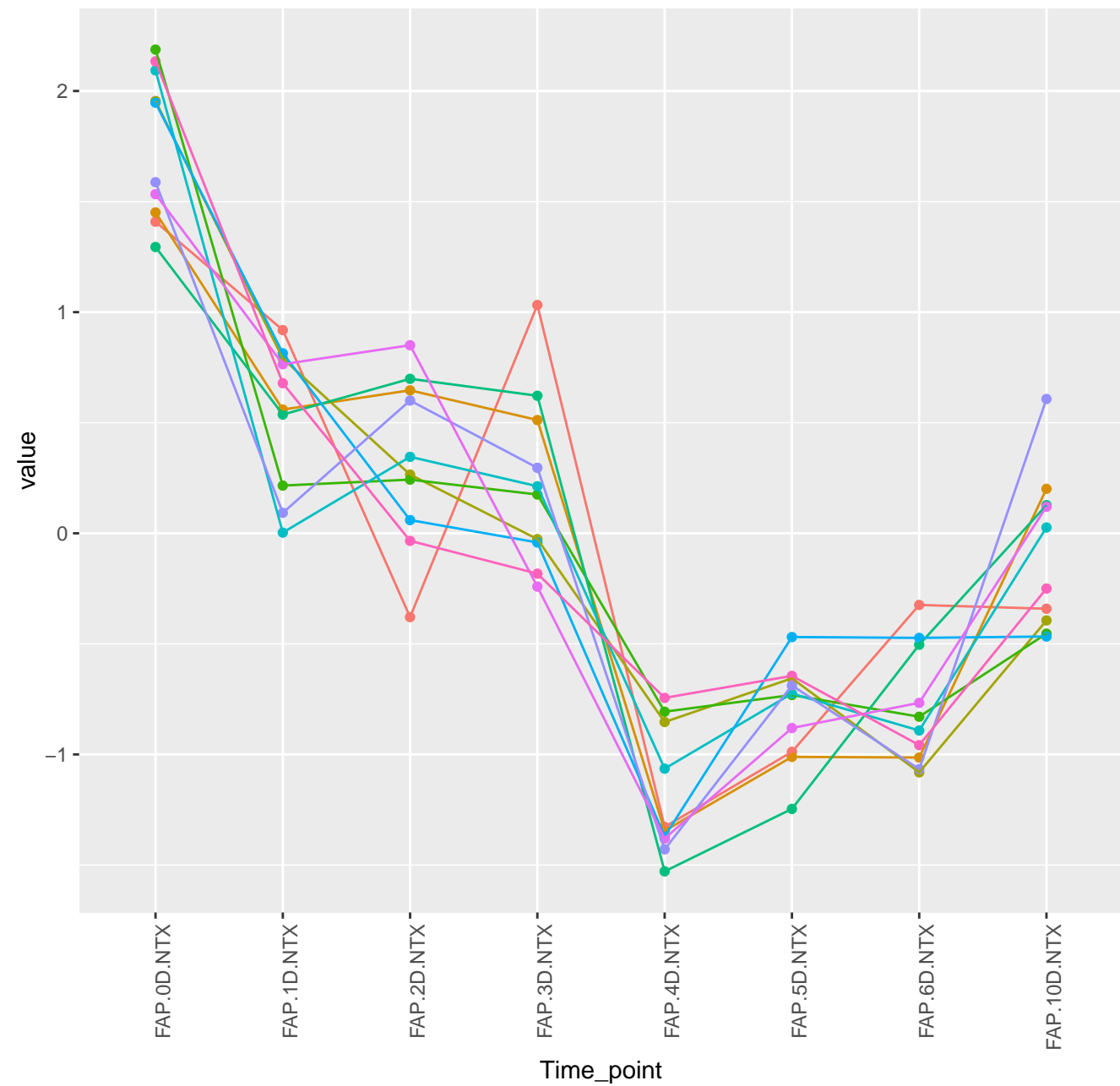


7 genes – cluster 320

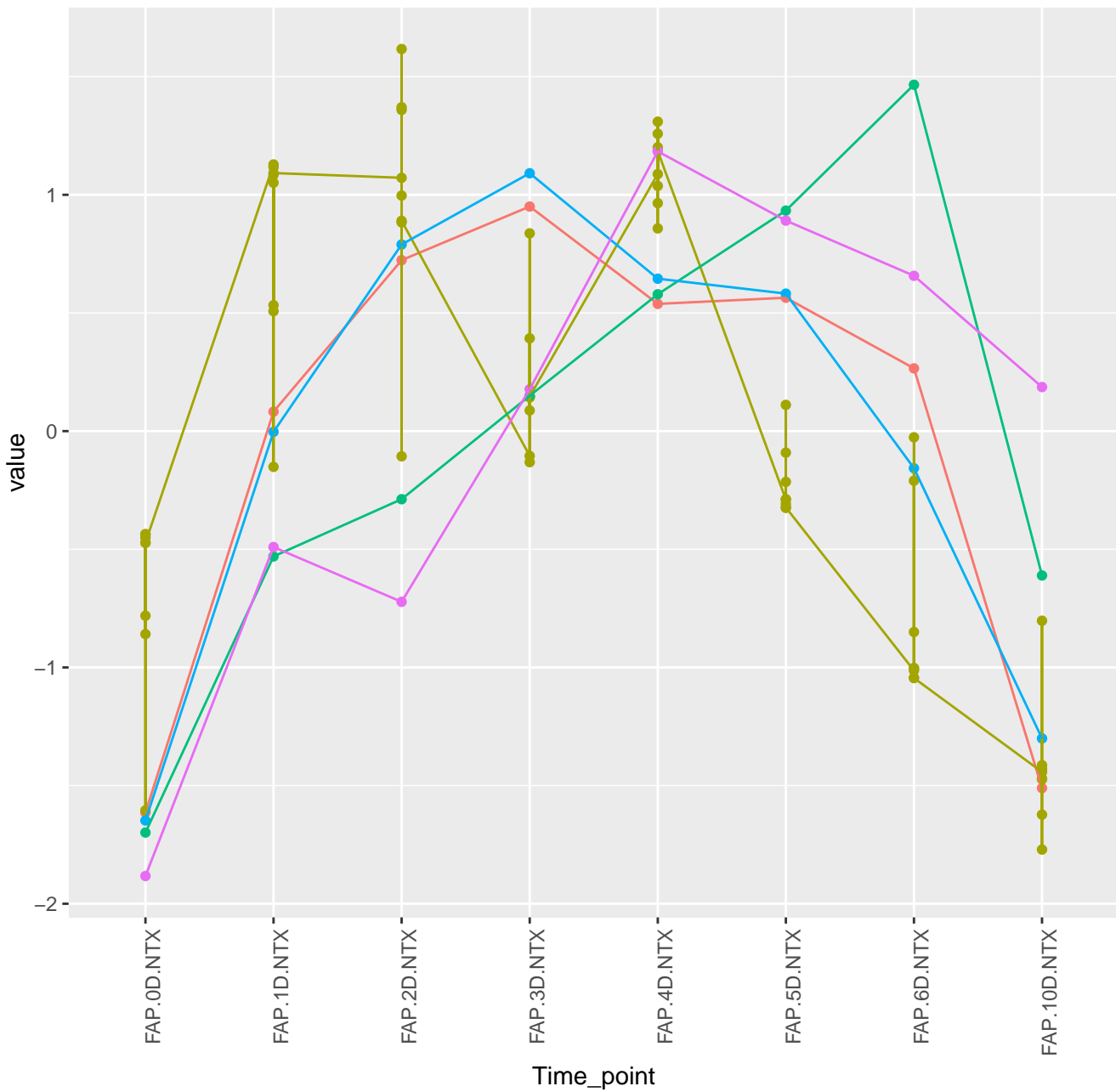




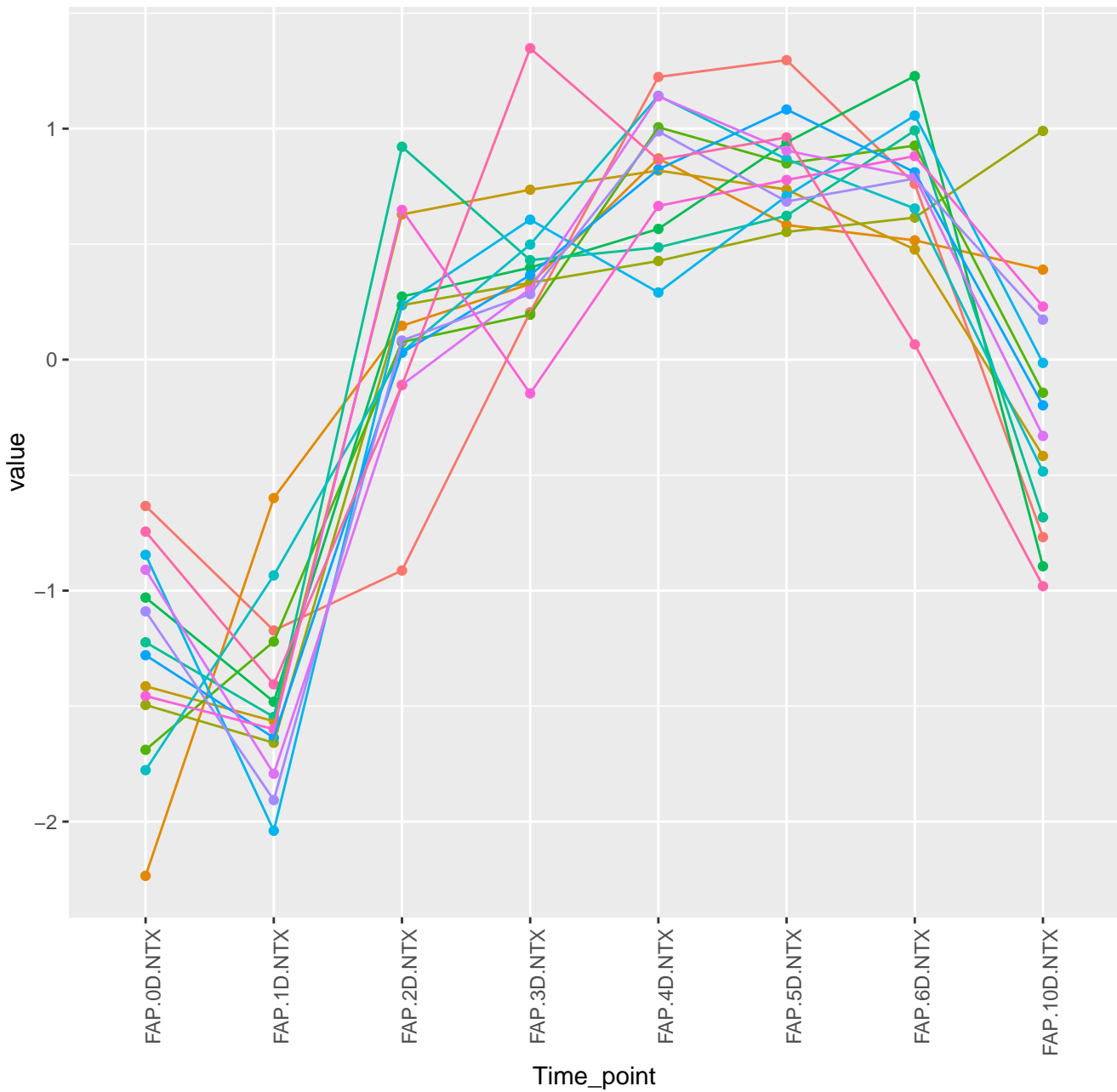
10 genes – cluster 321



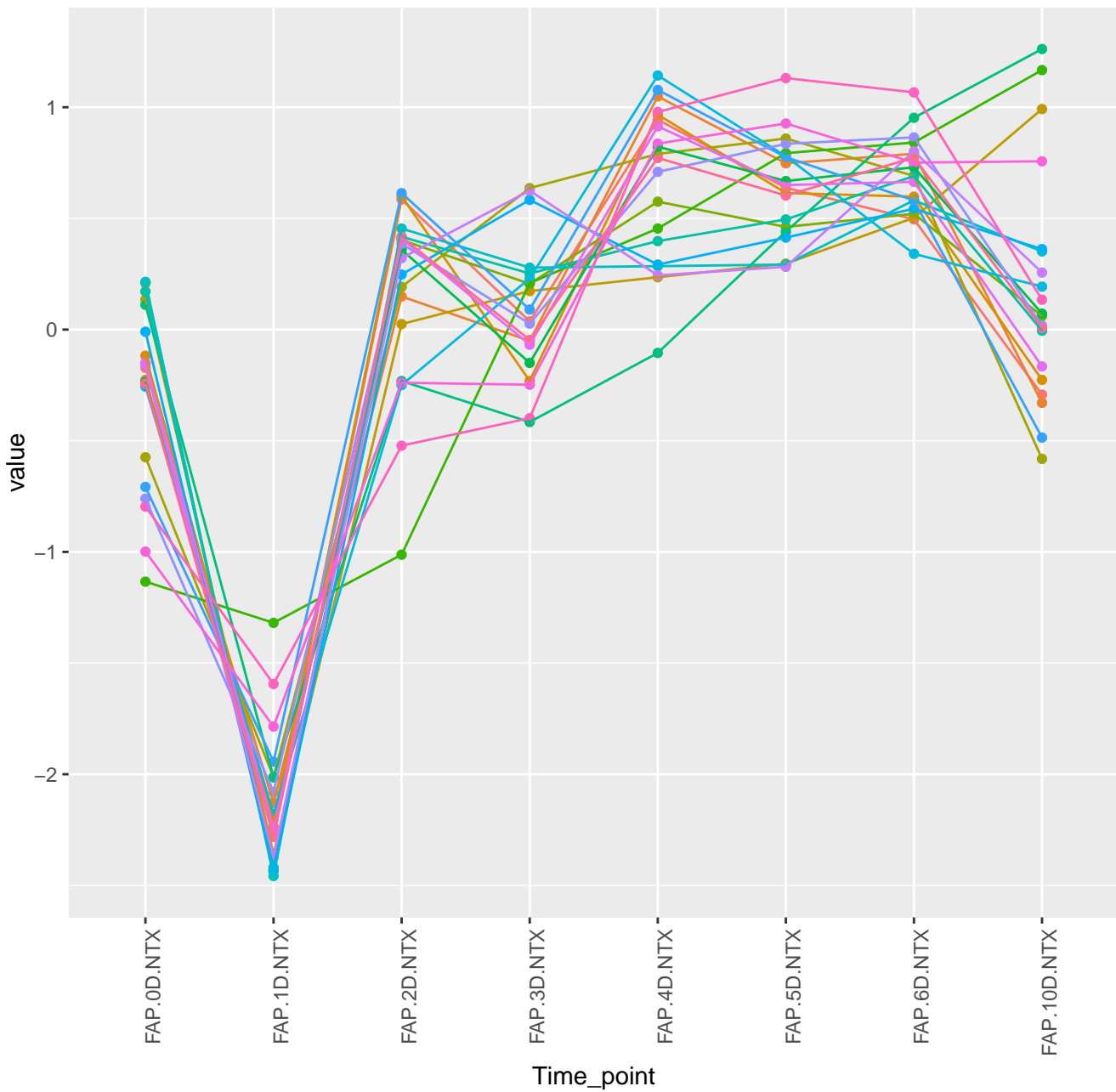
12 genes – cluster 322



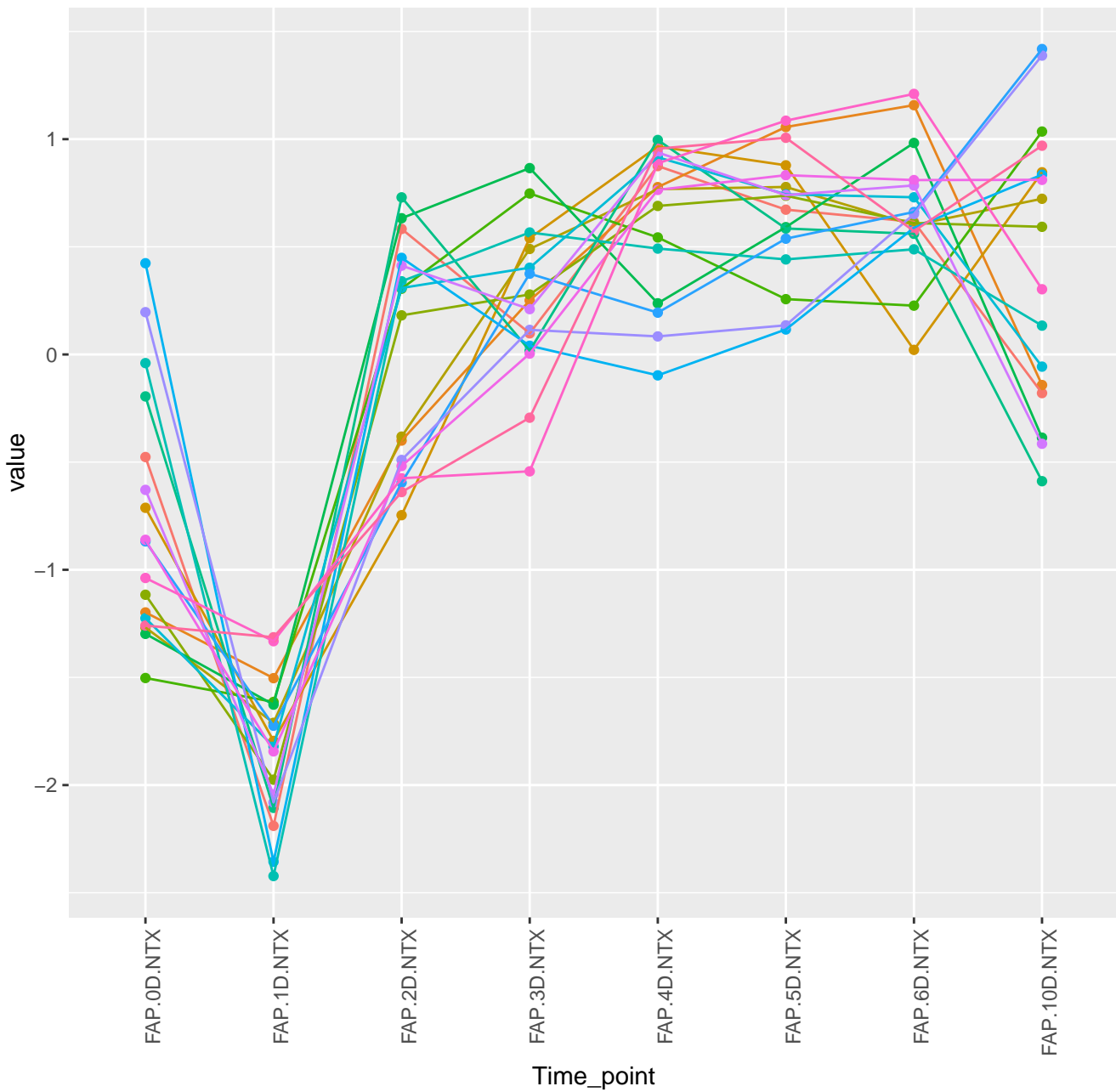
14 genes – cluster 323



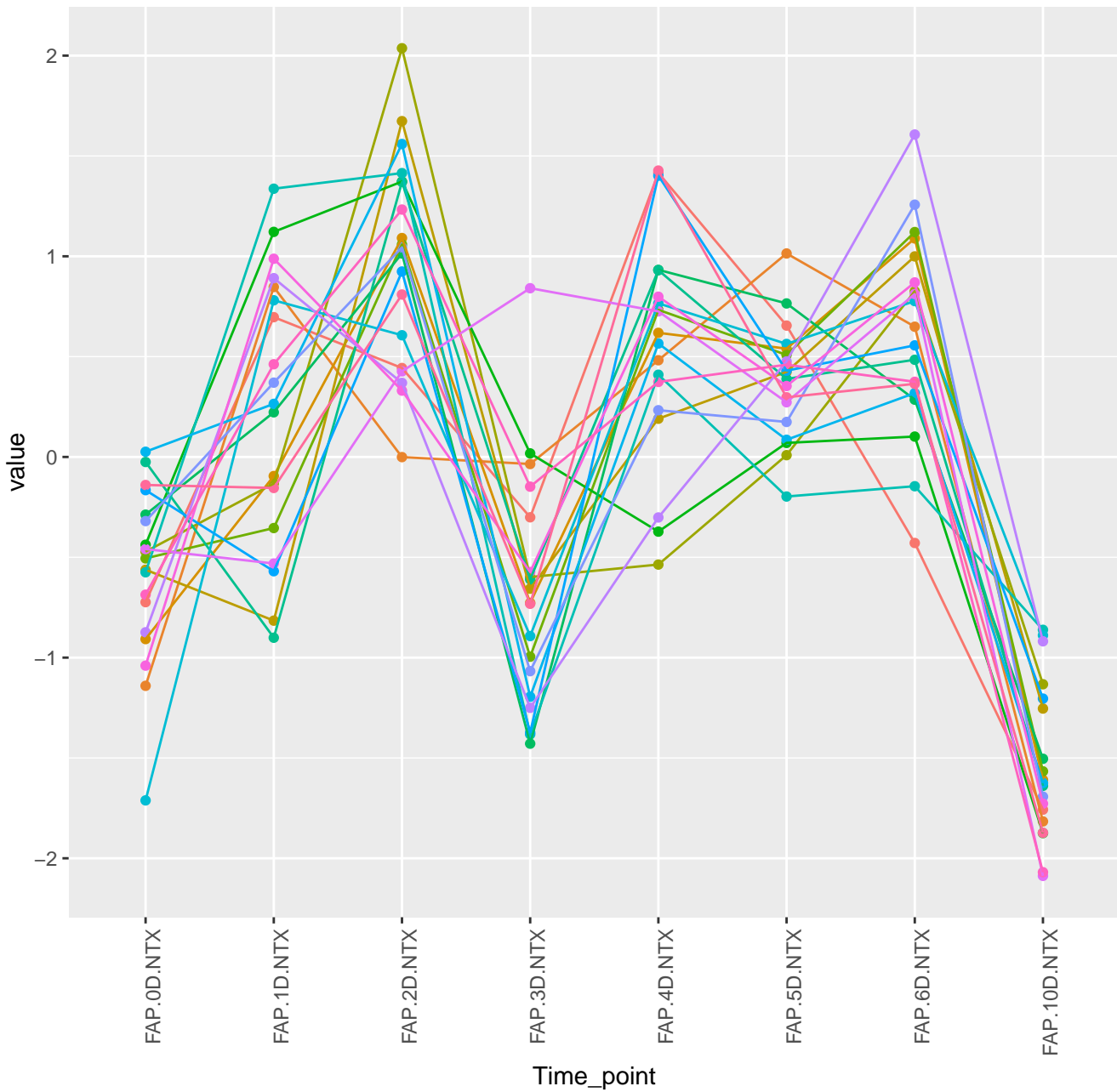
20 genes – cluster 324



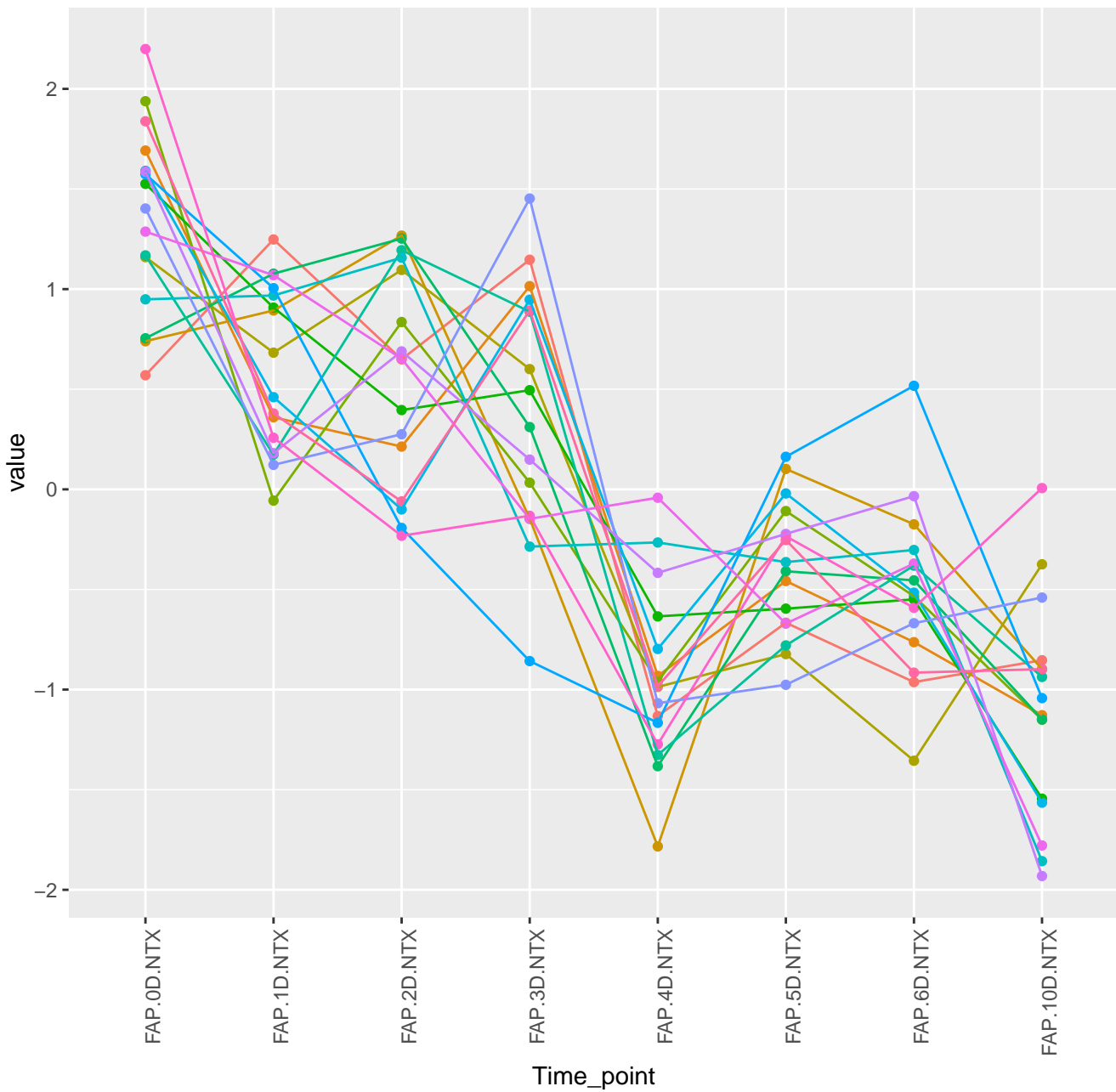
17 genes – cluster 325



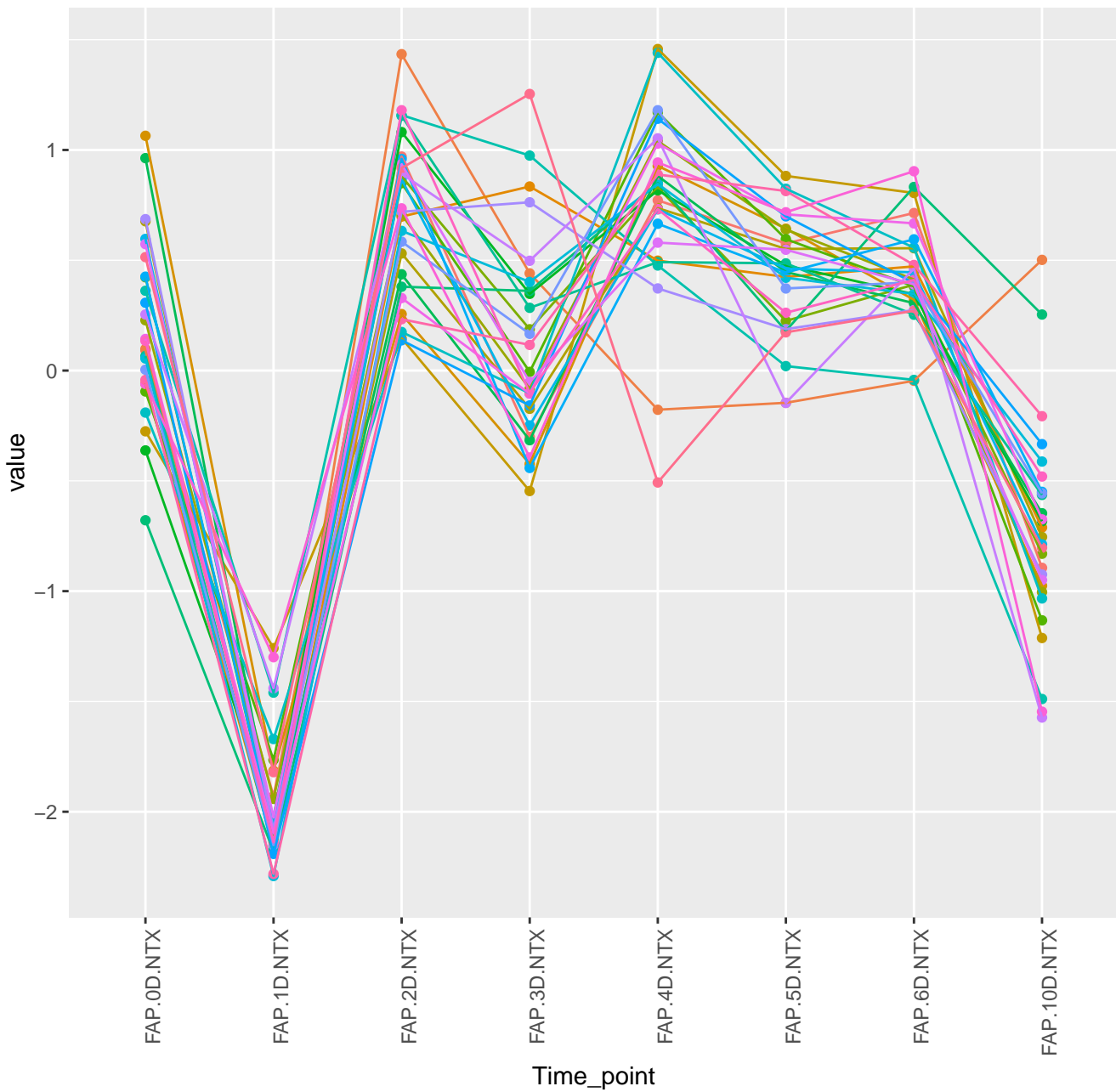
19 genes – cluster 326



16 genes – cluster 327

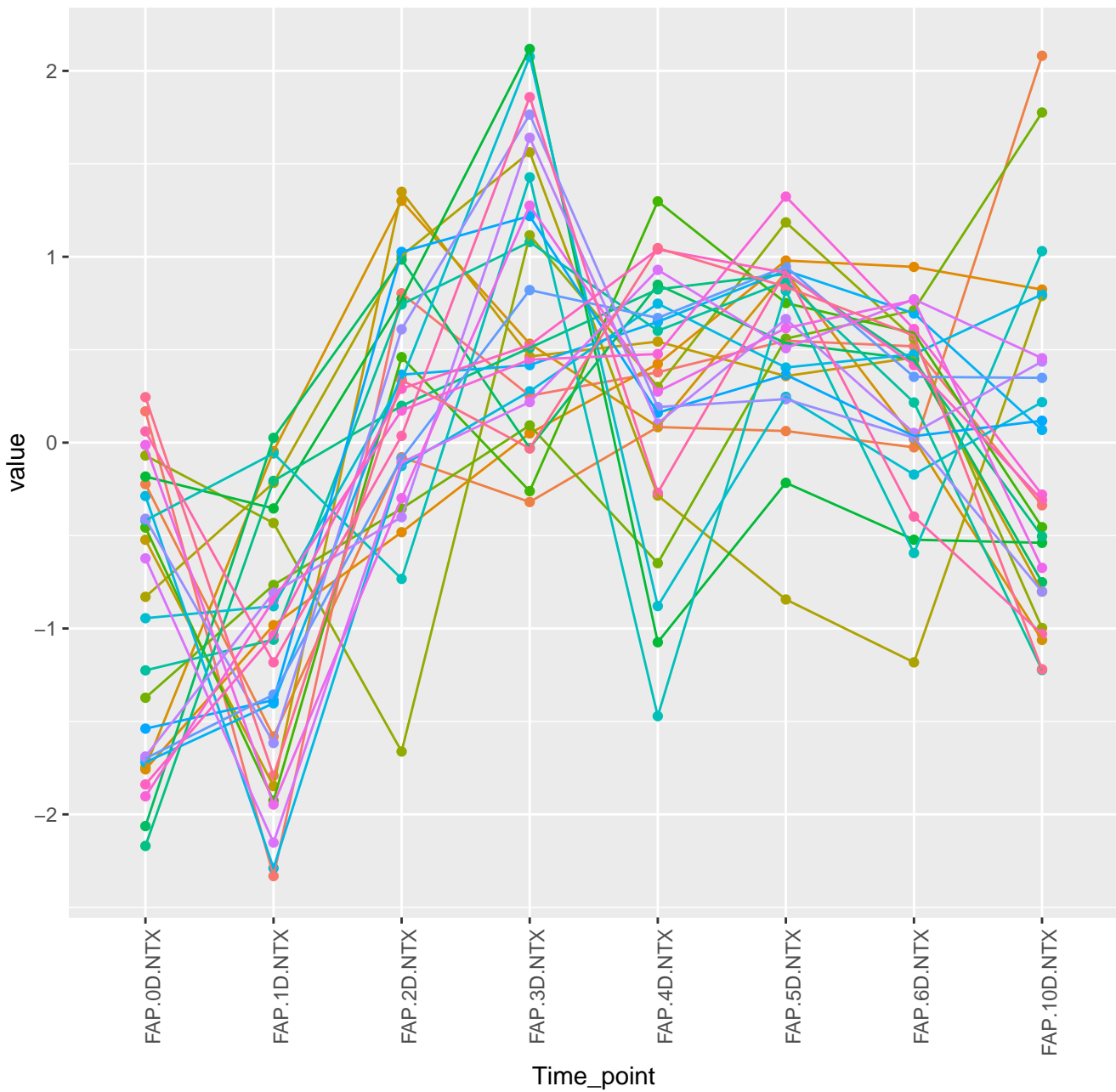


28 genes – cluster 328

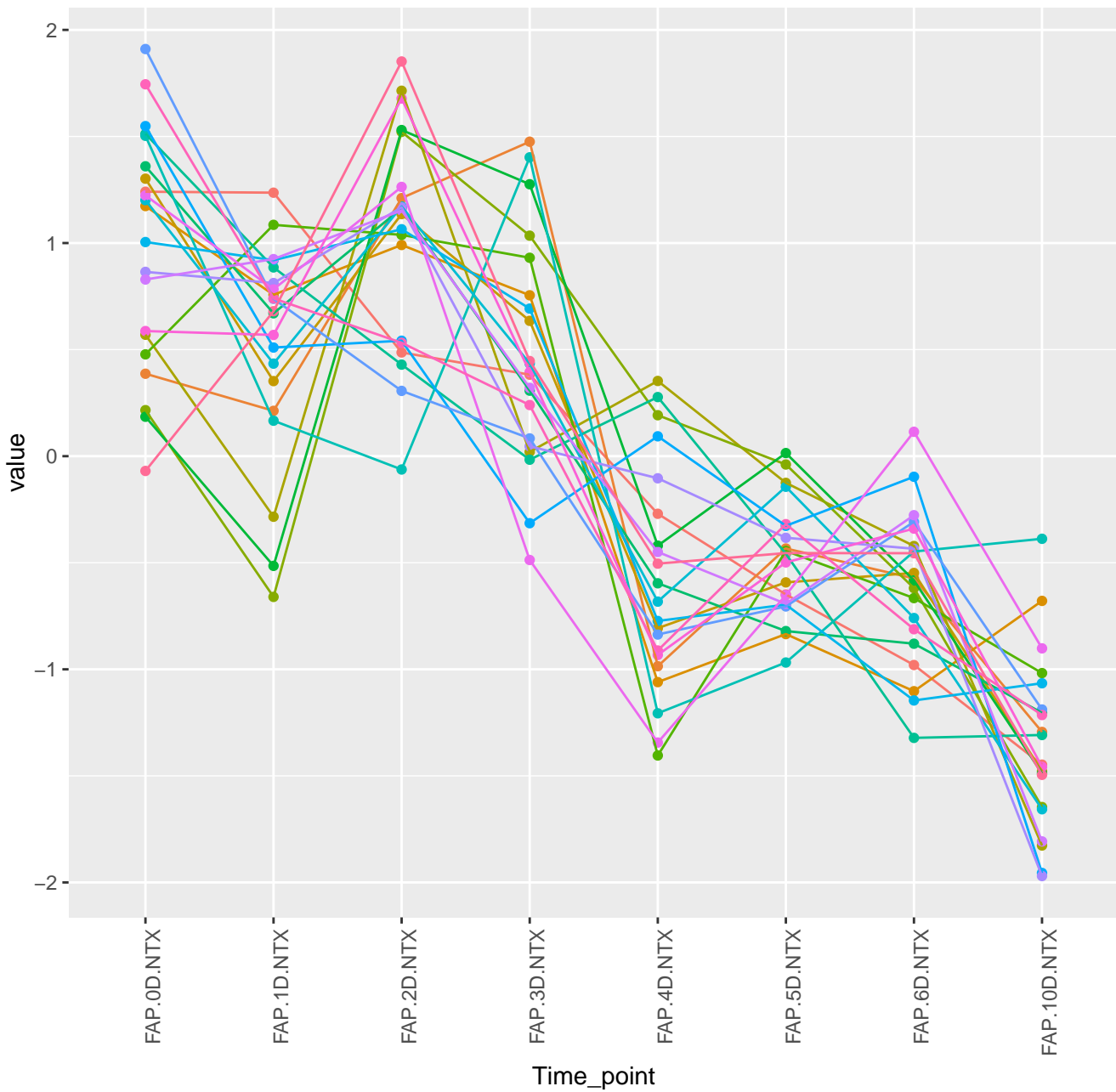




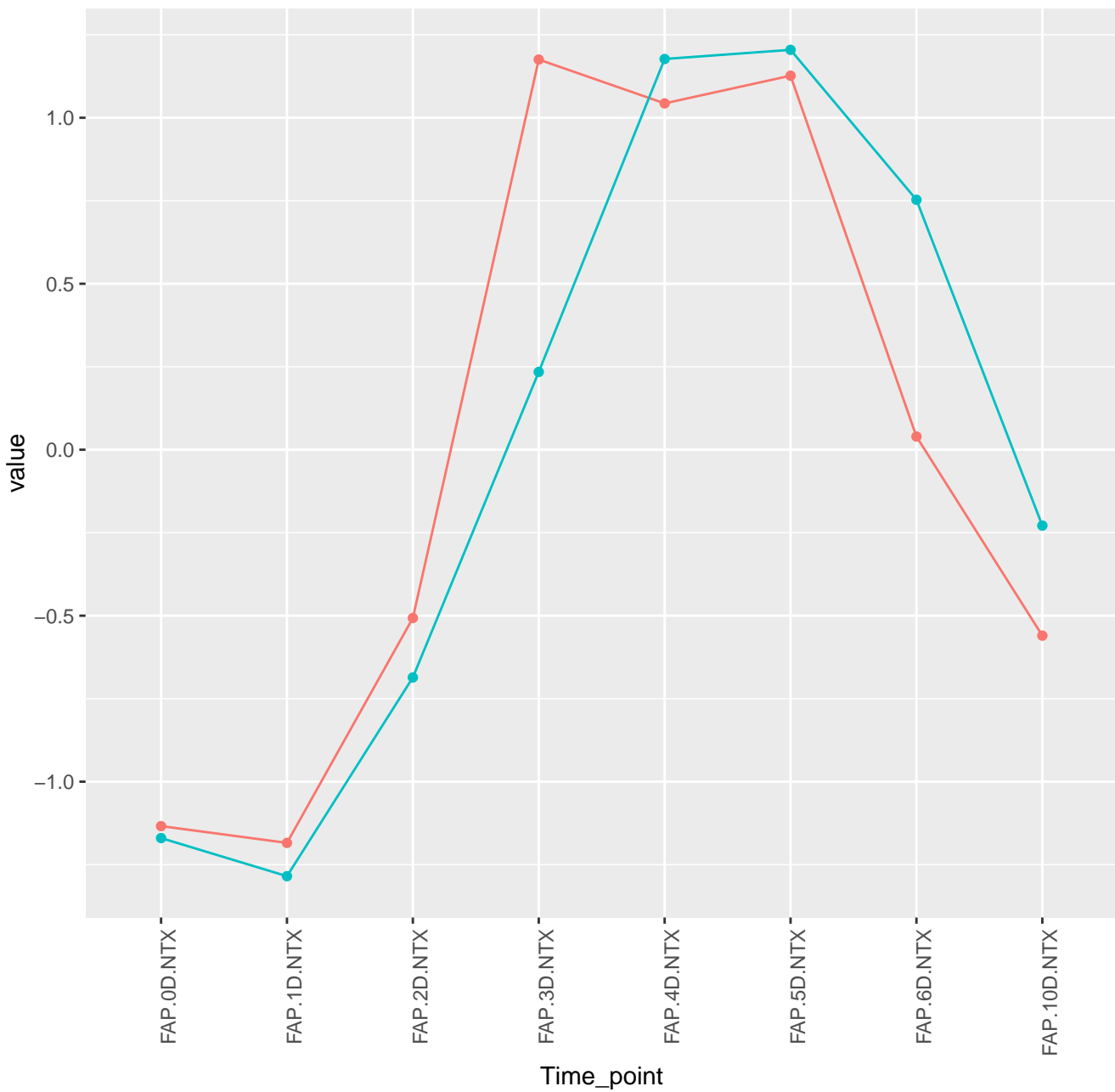
27 genes – cluster 329



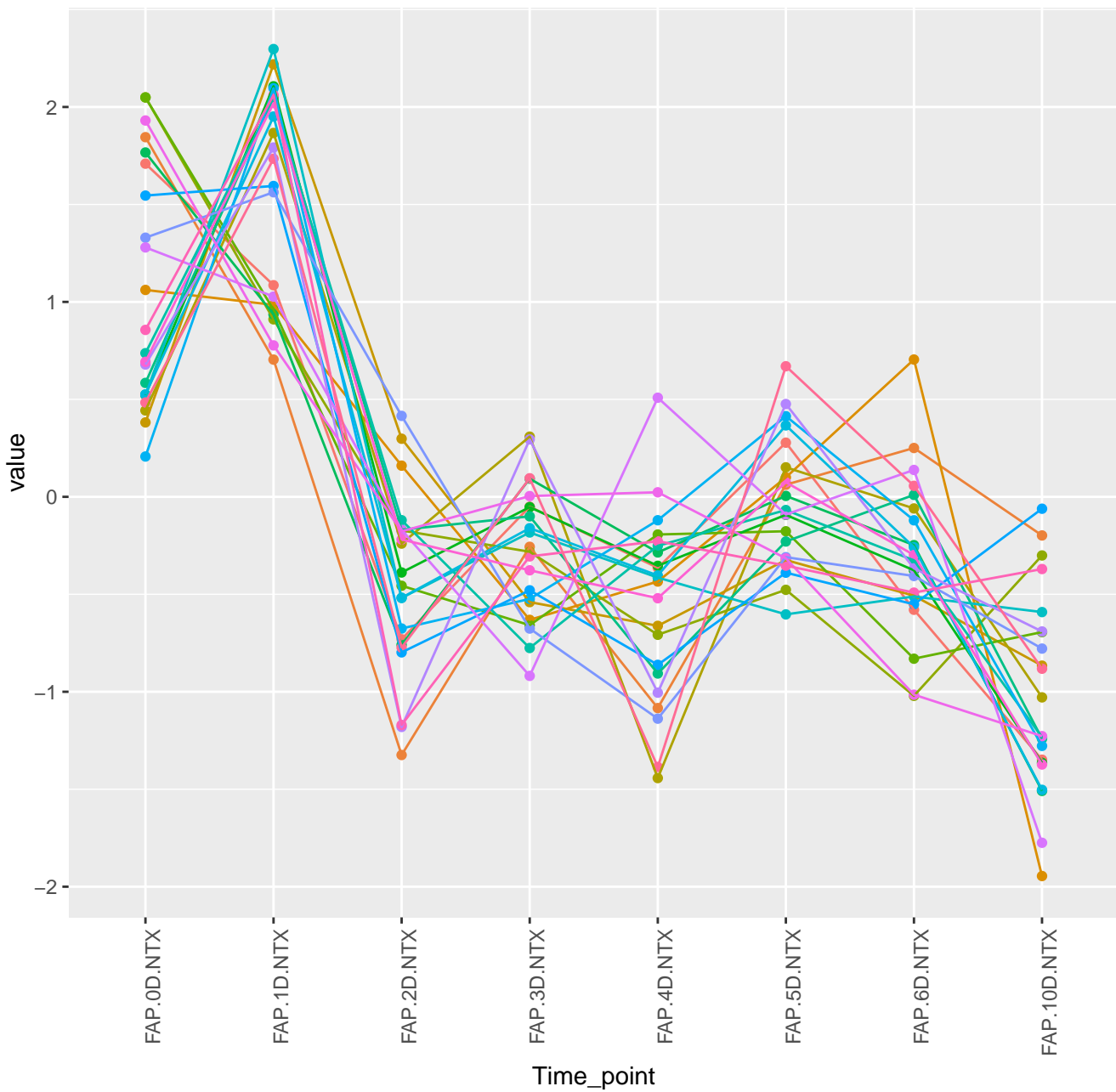
21 genes – cluster 330



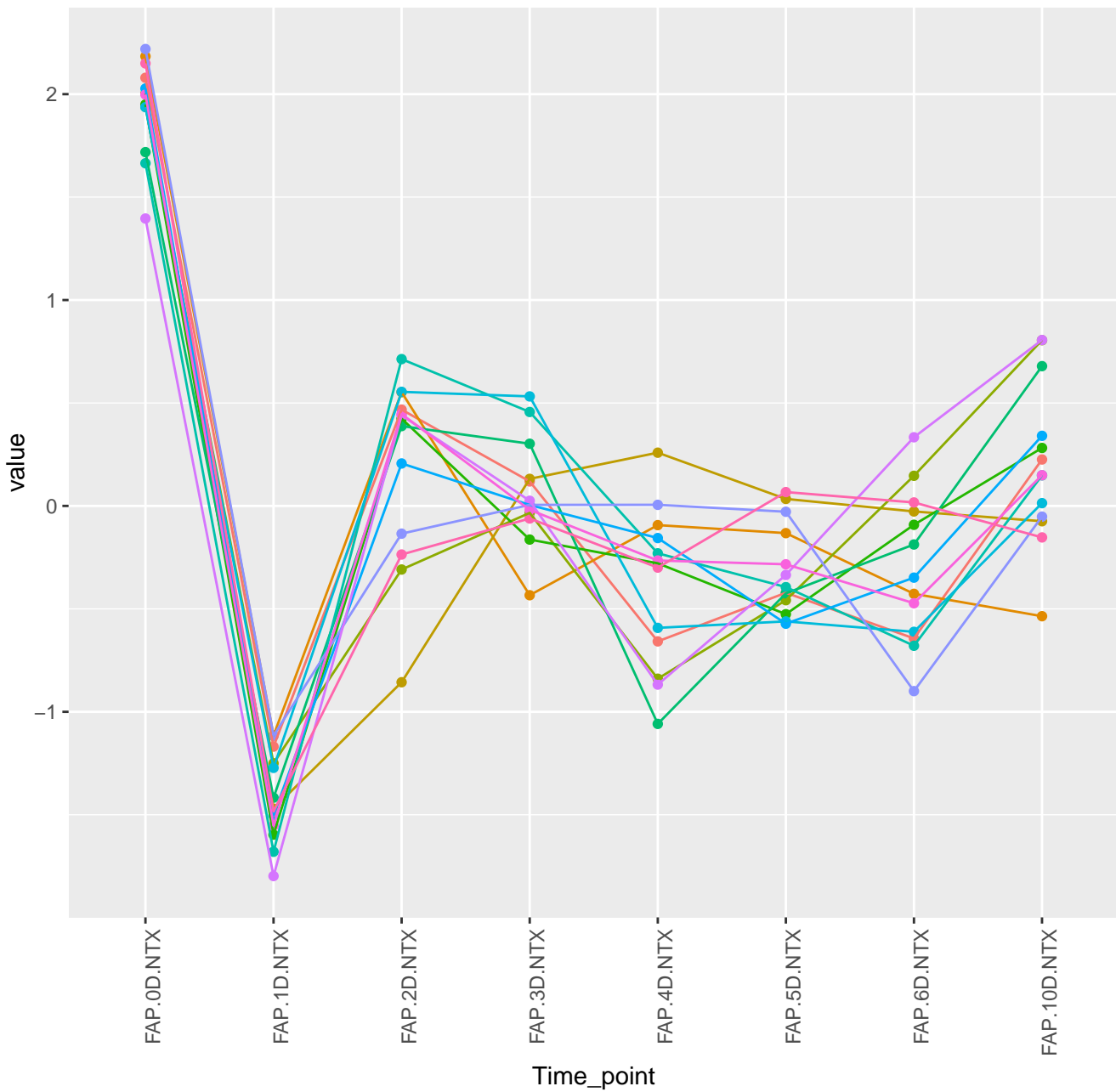
2 genes – cluster 331



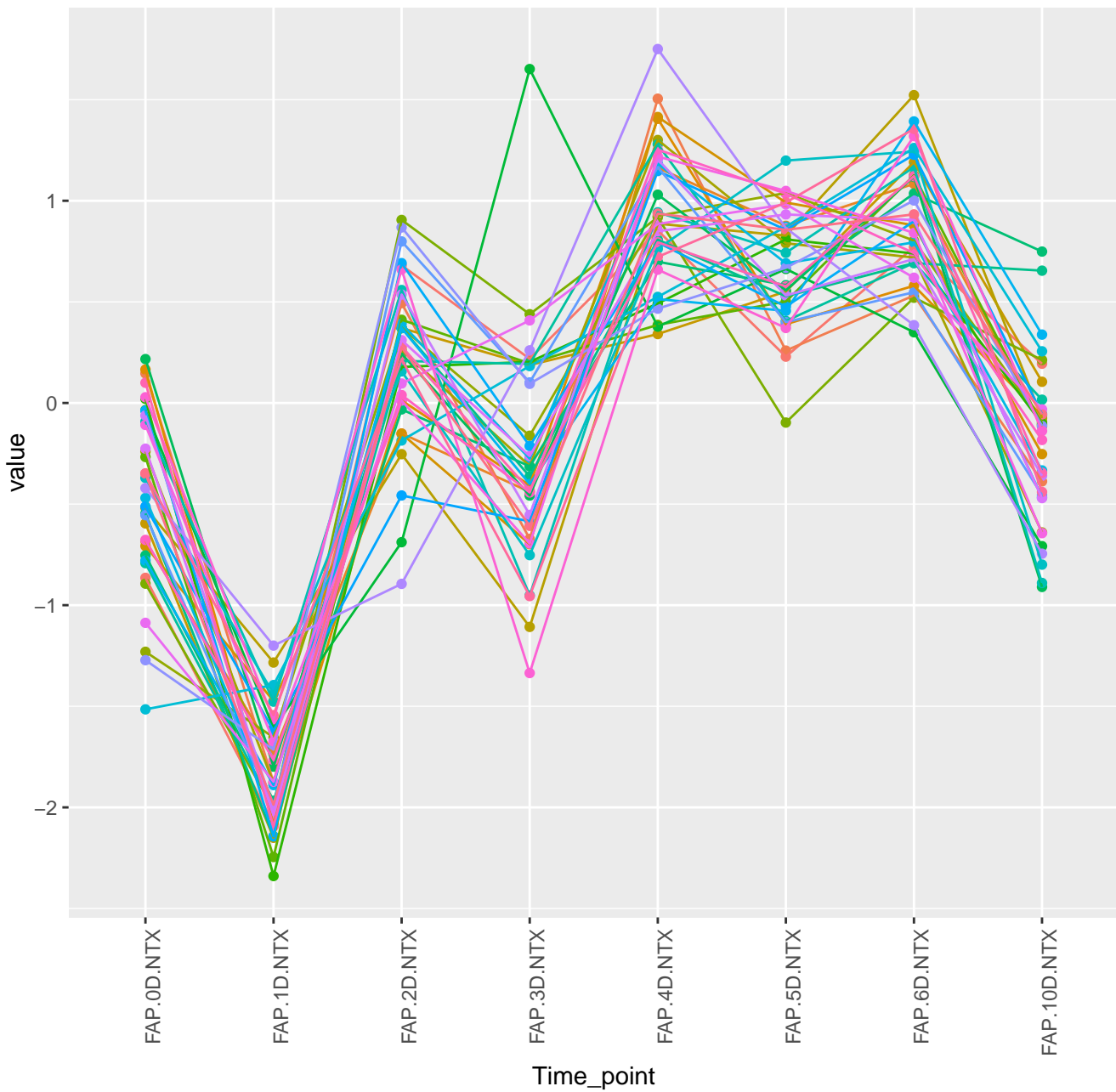
22 genes – cluster 332



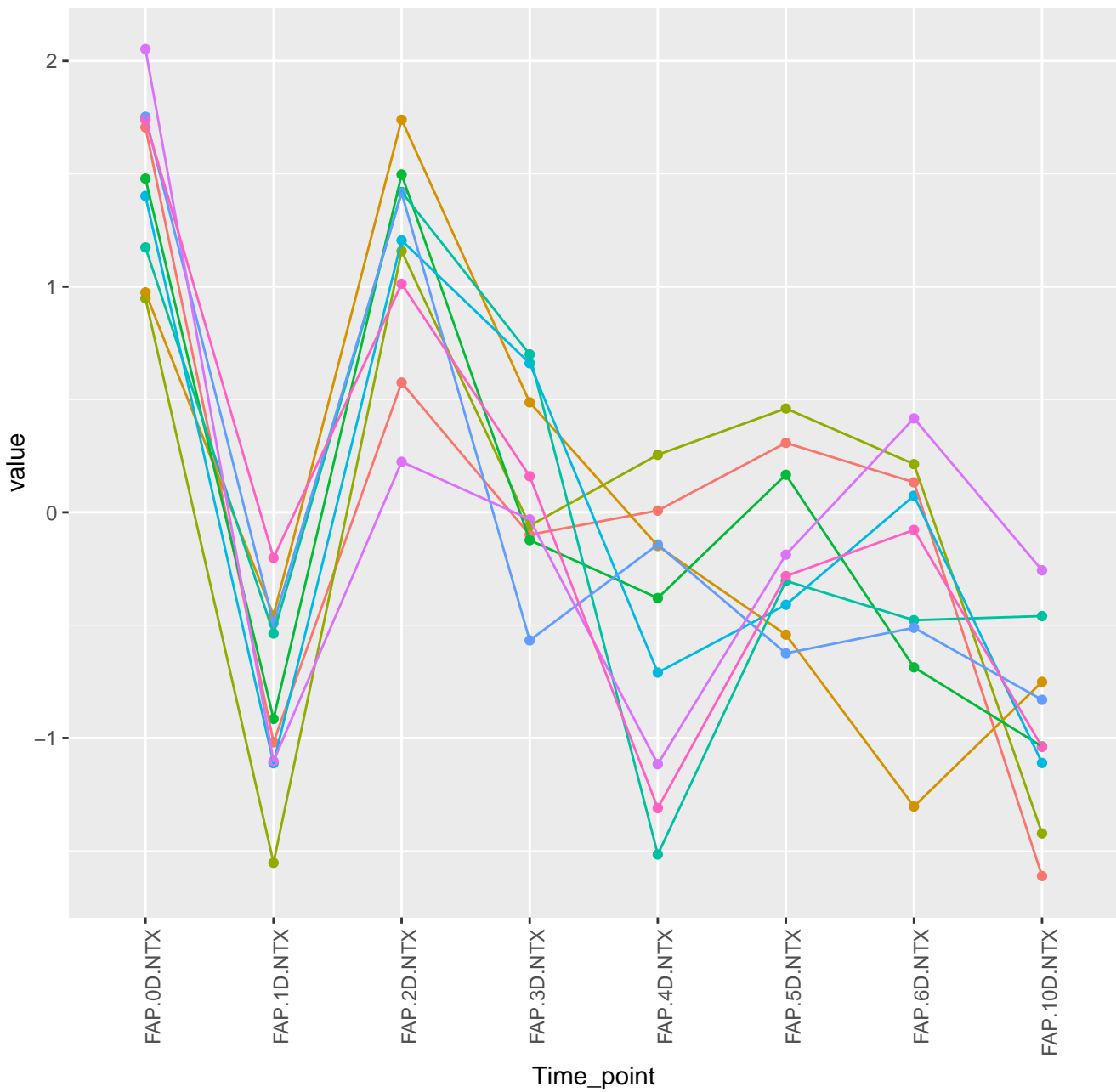
13 genes – cluster 333



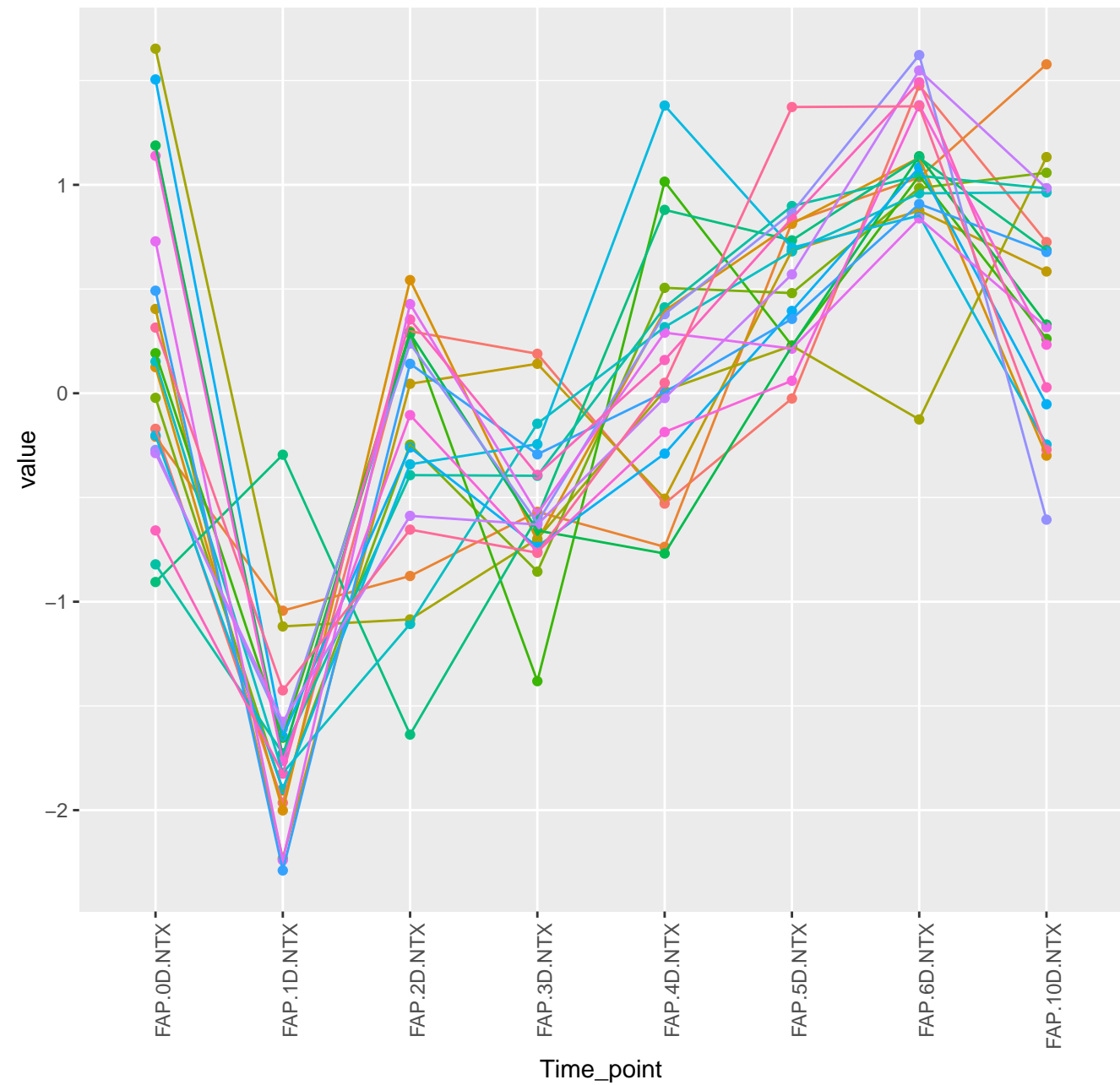
36 genes – cluster 334



9 genes – cluster 335

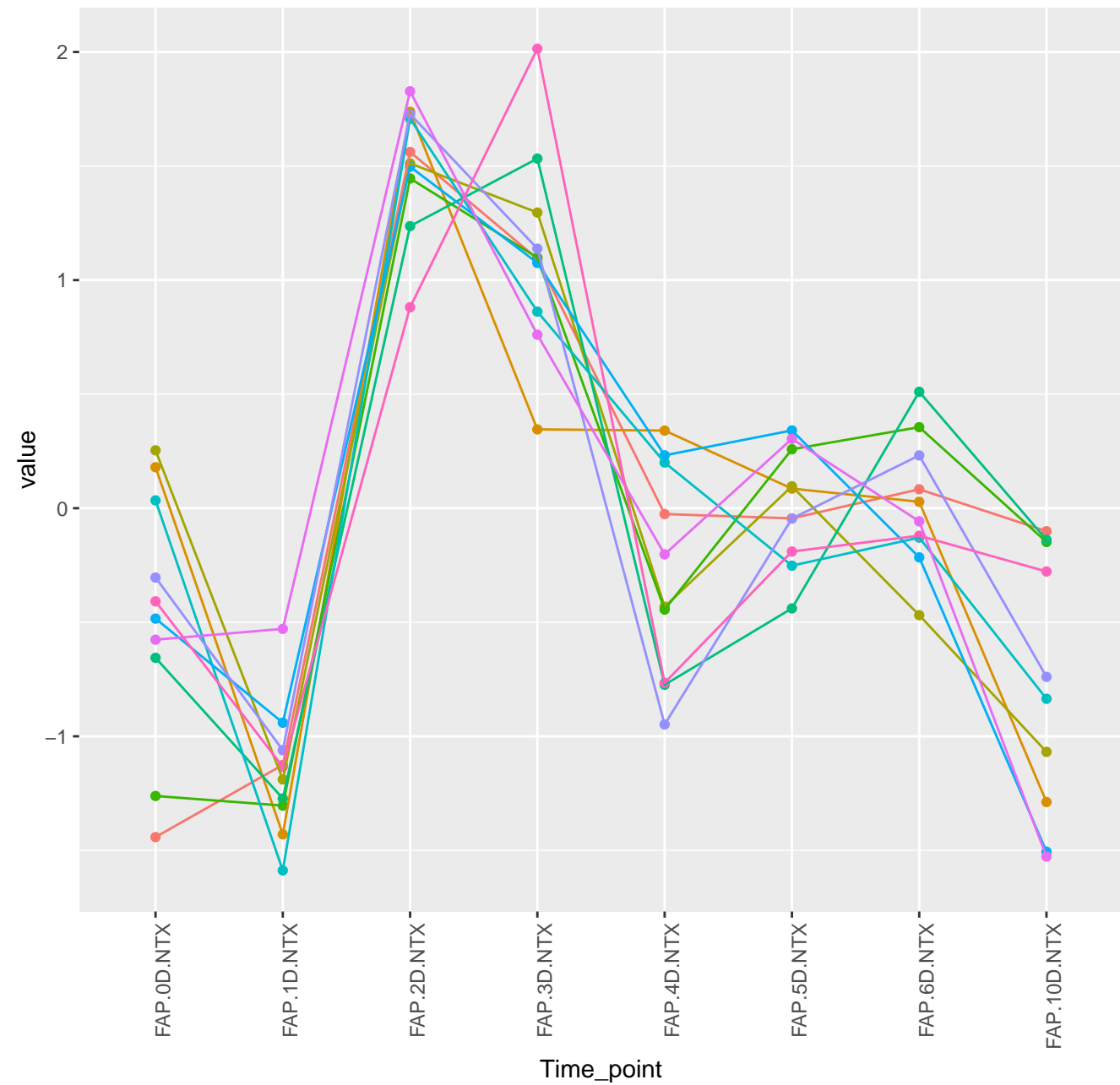


20 genes – cluster 336

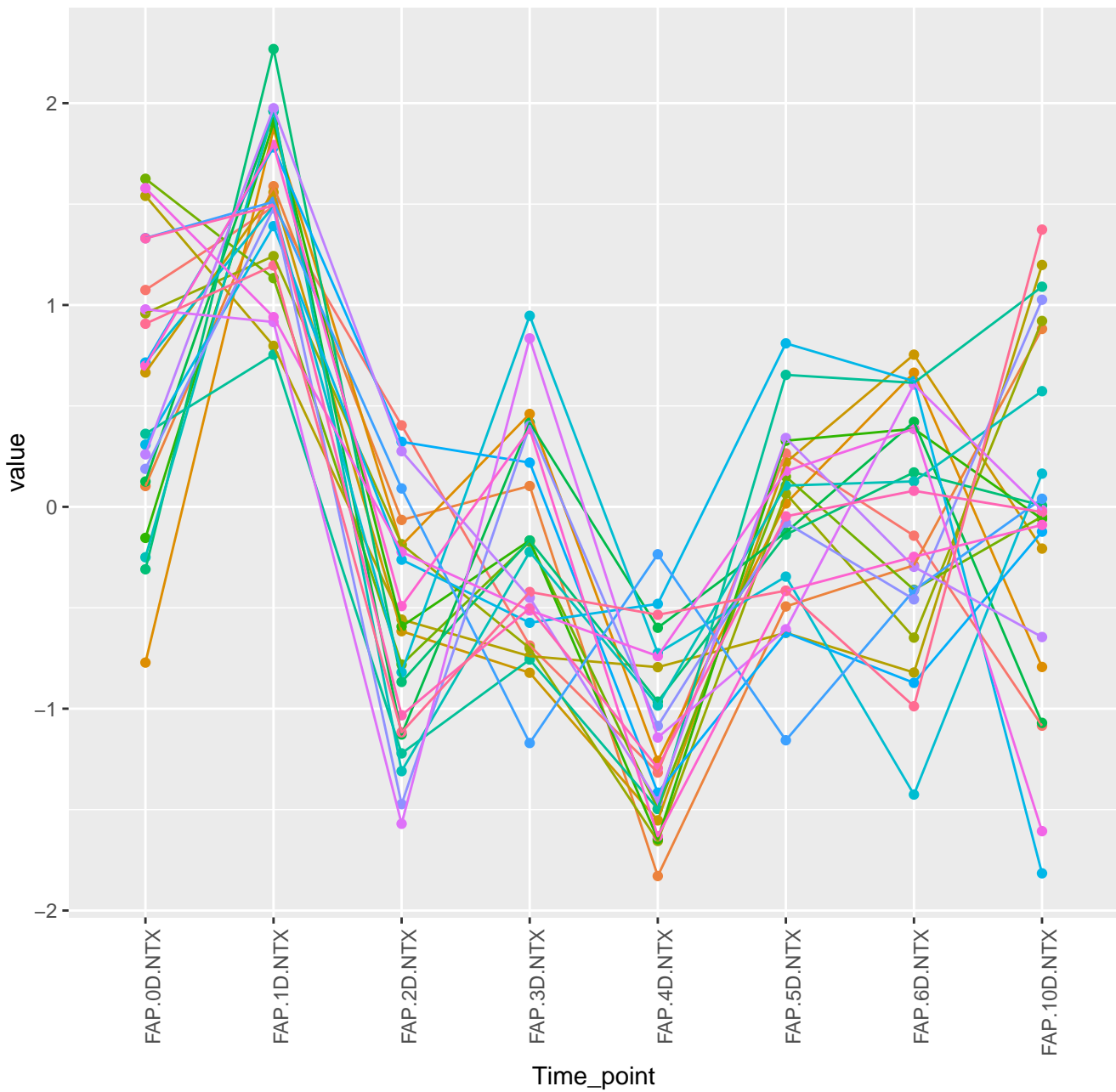




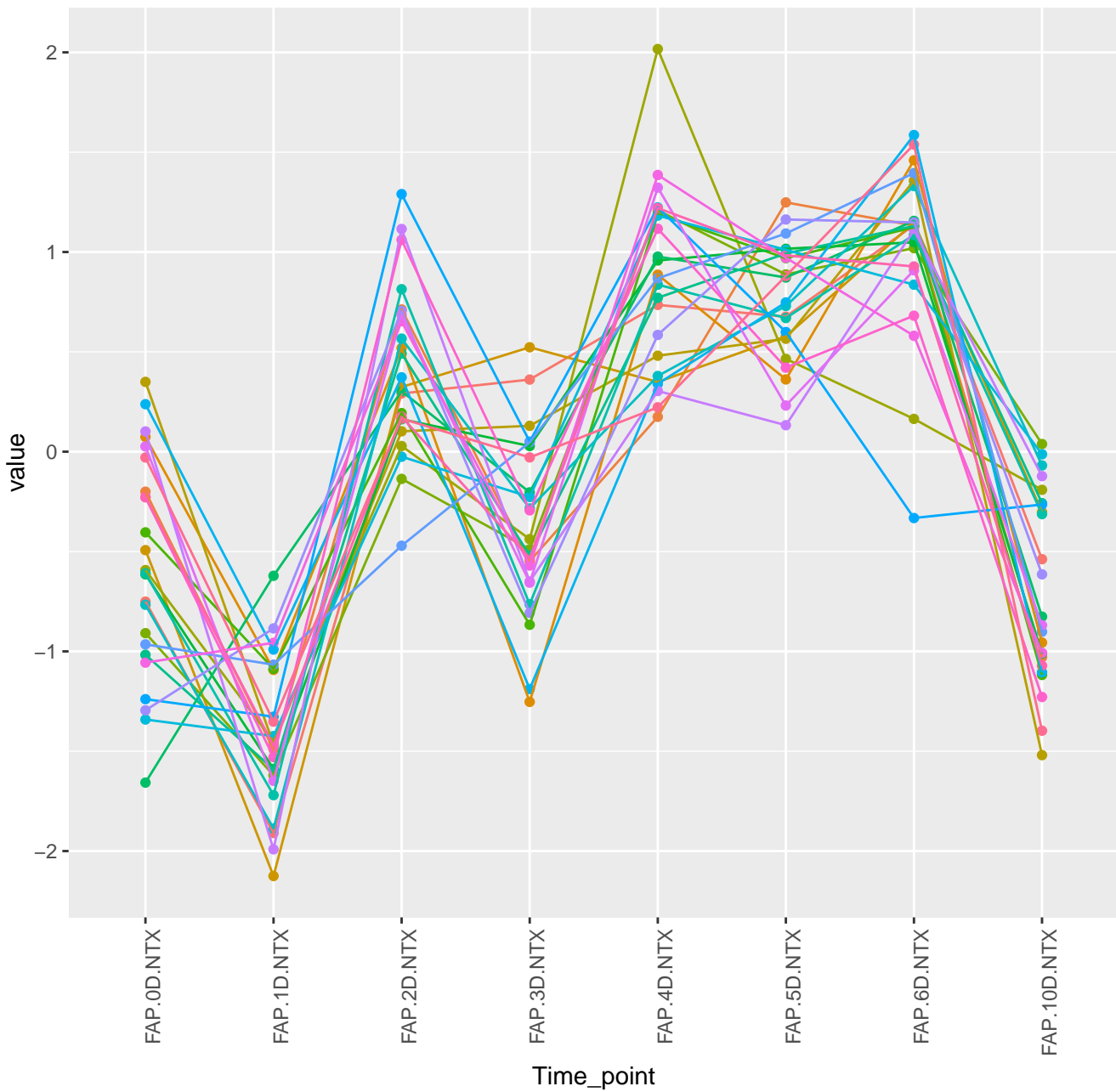
10 genes – cluster 337



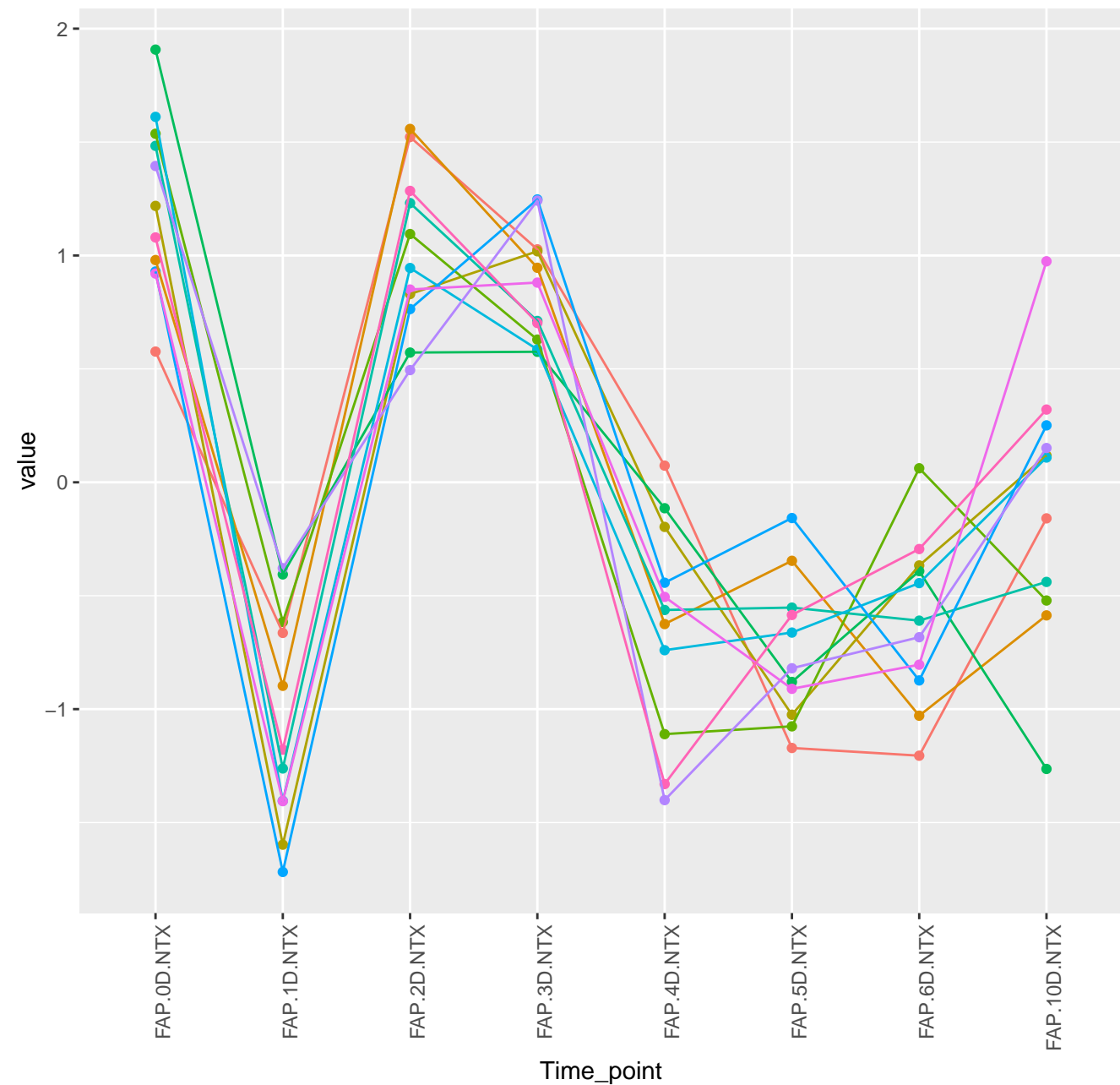
23 genes – cluster 338



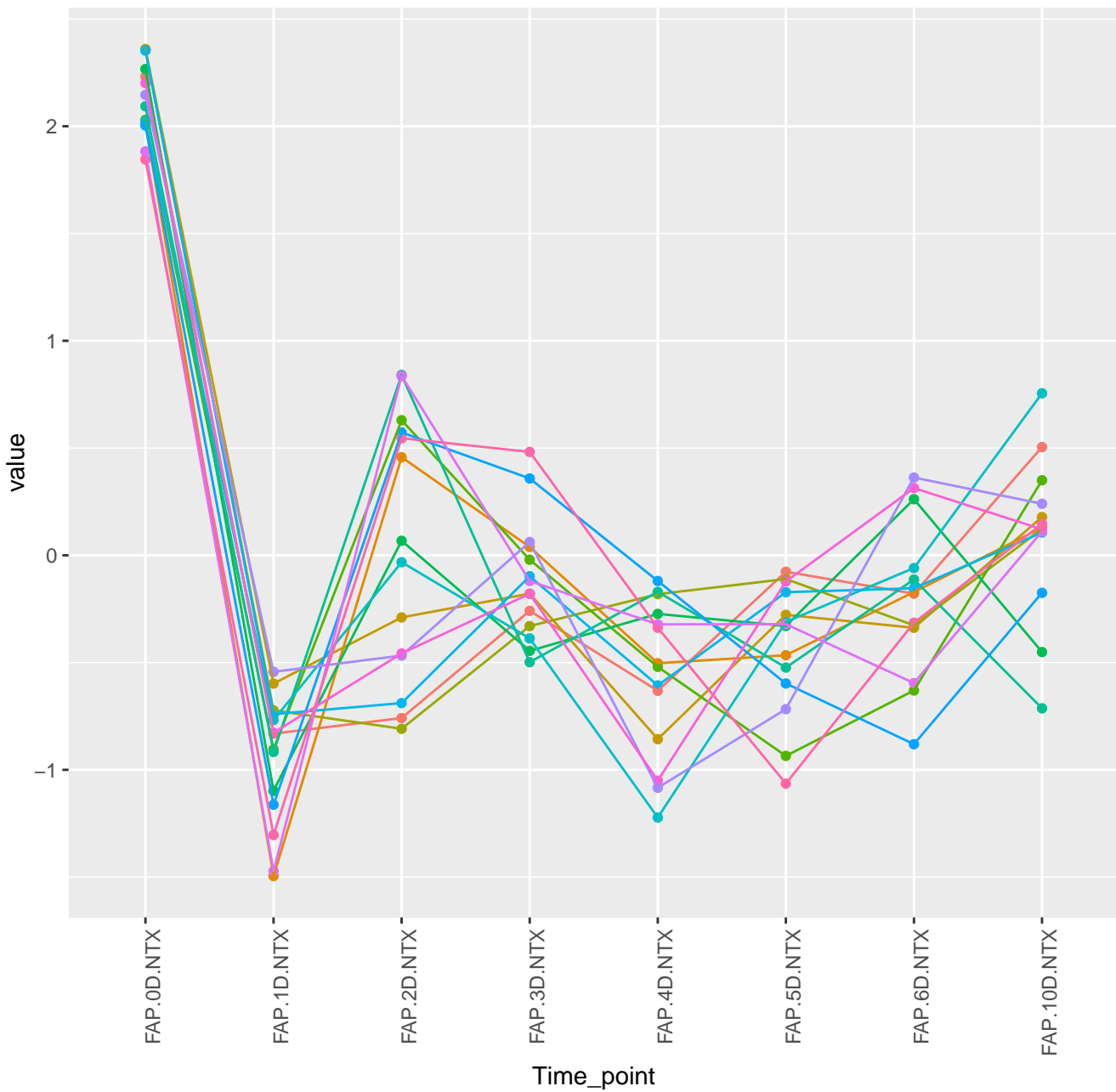
24 genes – cluster 339



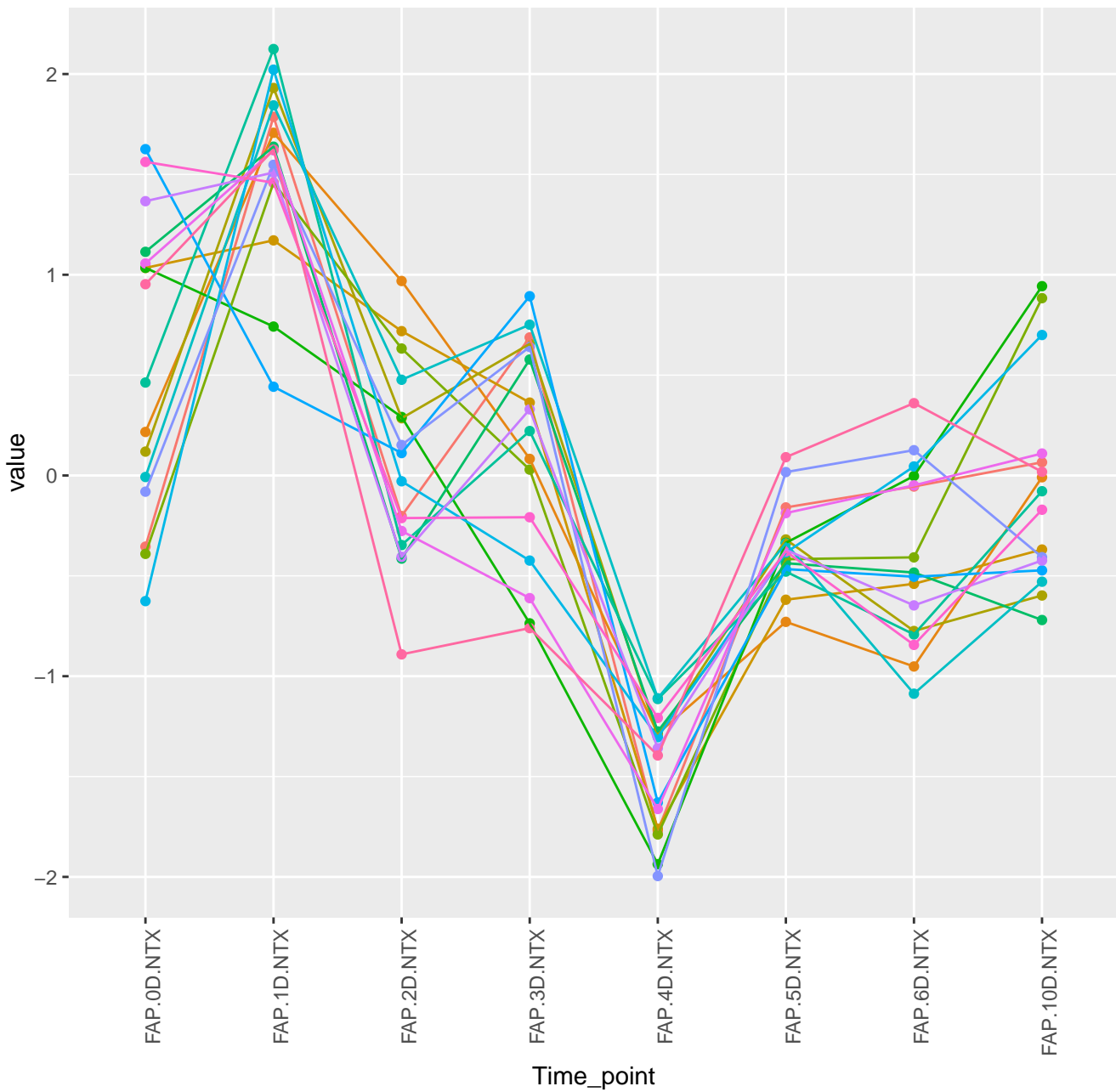
11 genes – cluster 340



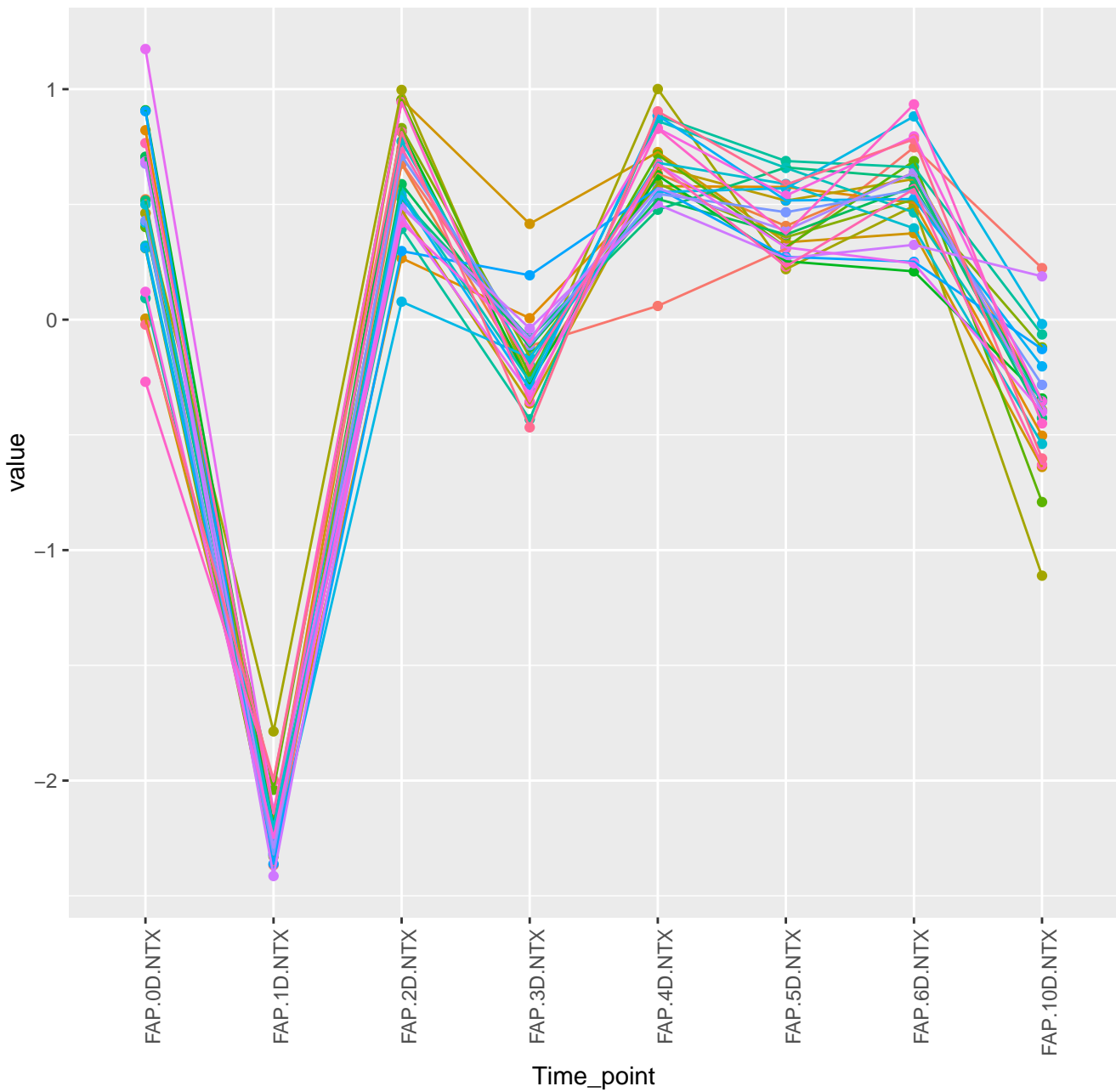
14 genes – cluster 341



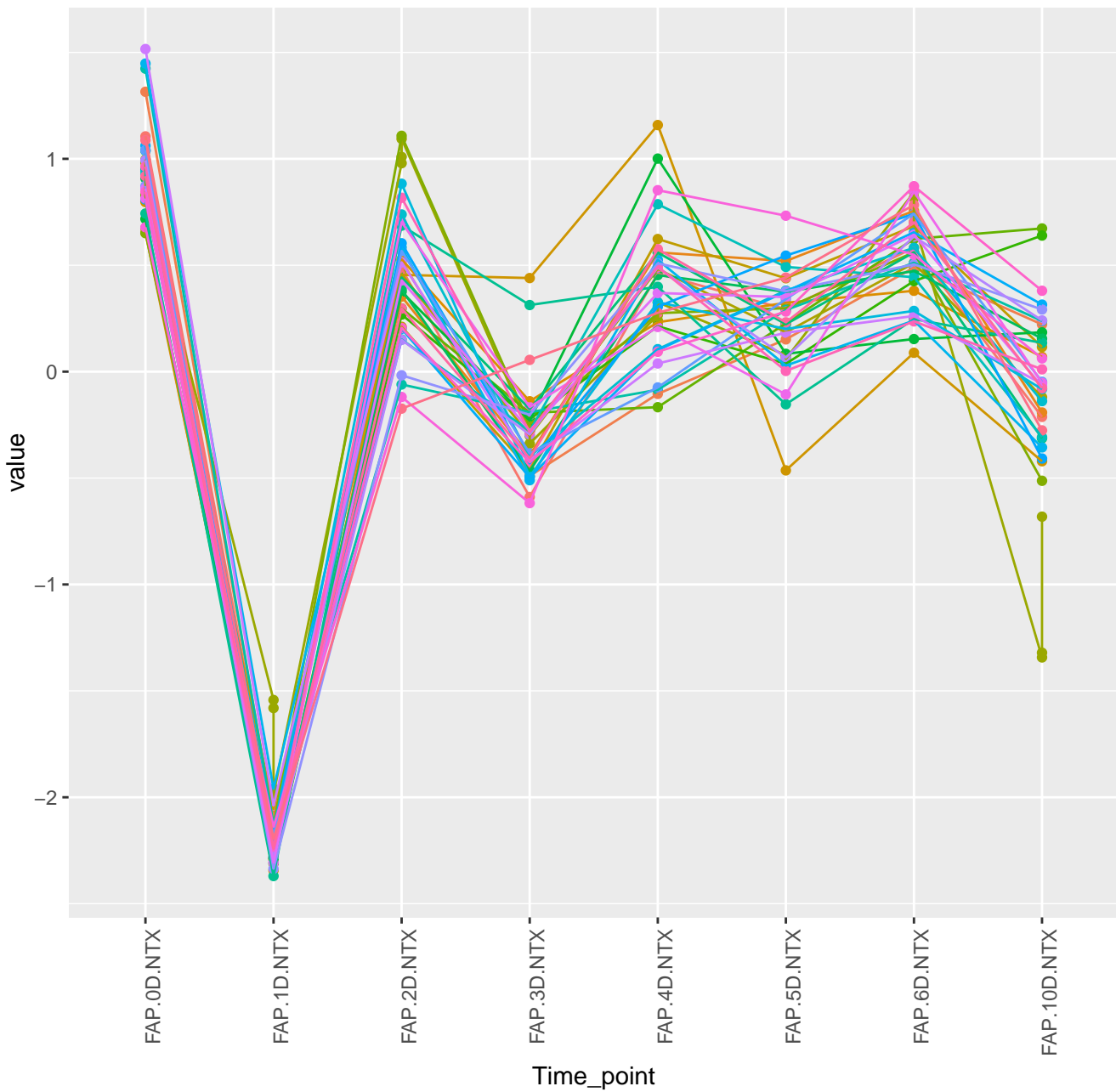
16 genes – cluster 342



25 genes – cluster 343

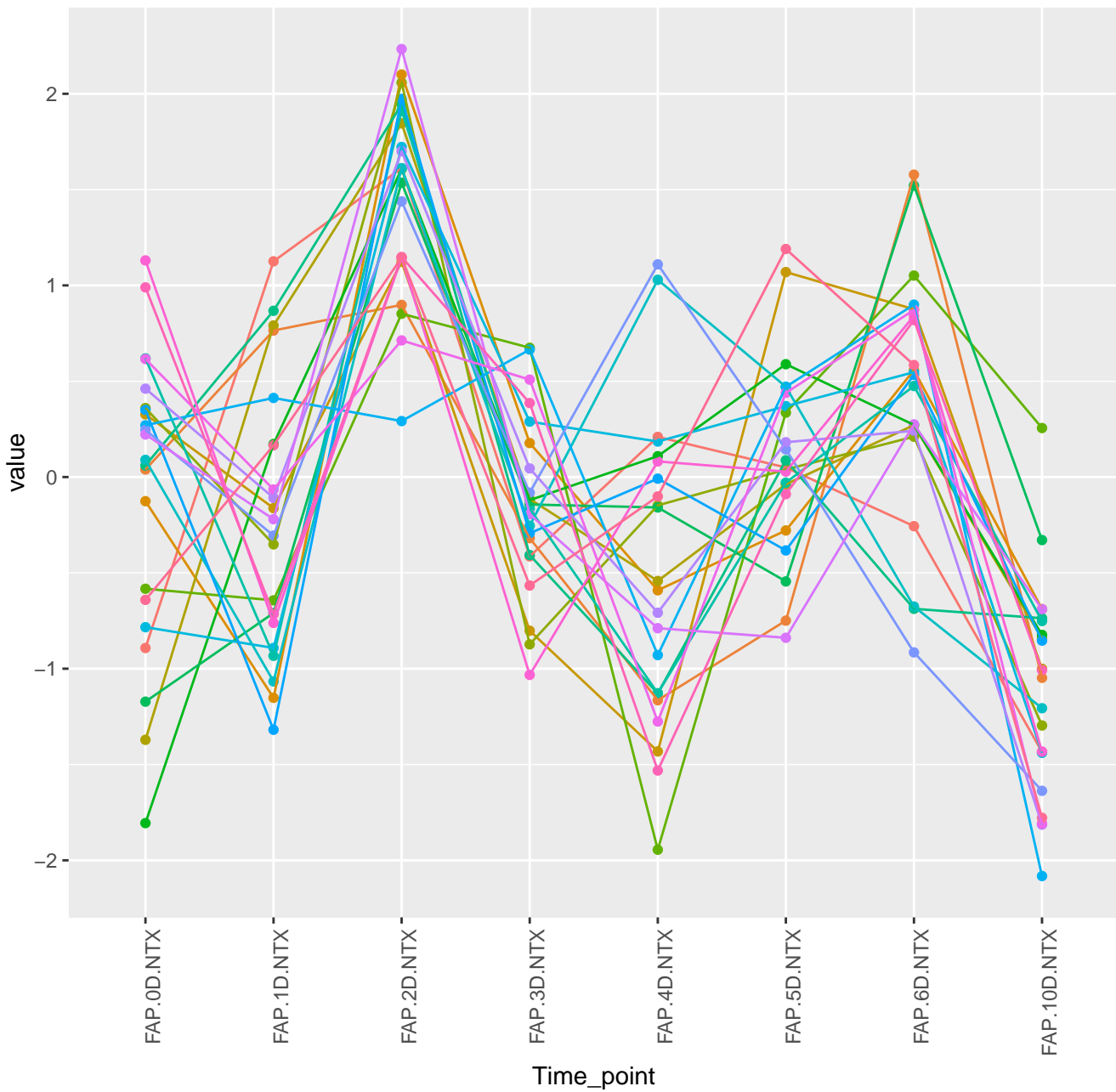


35 genes – cluster 344

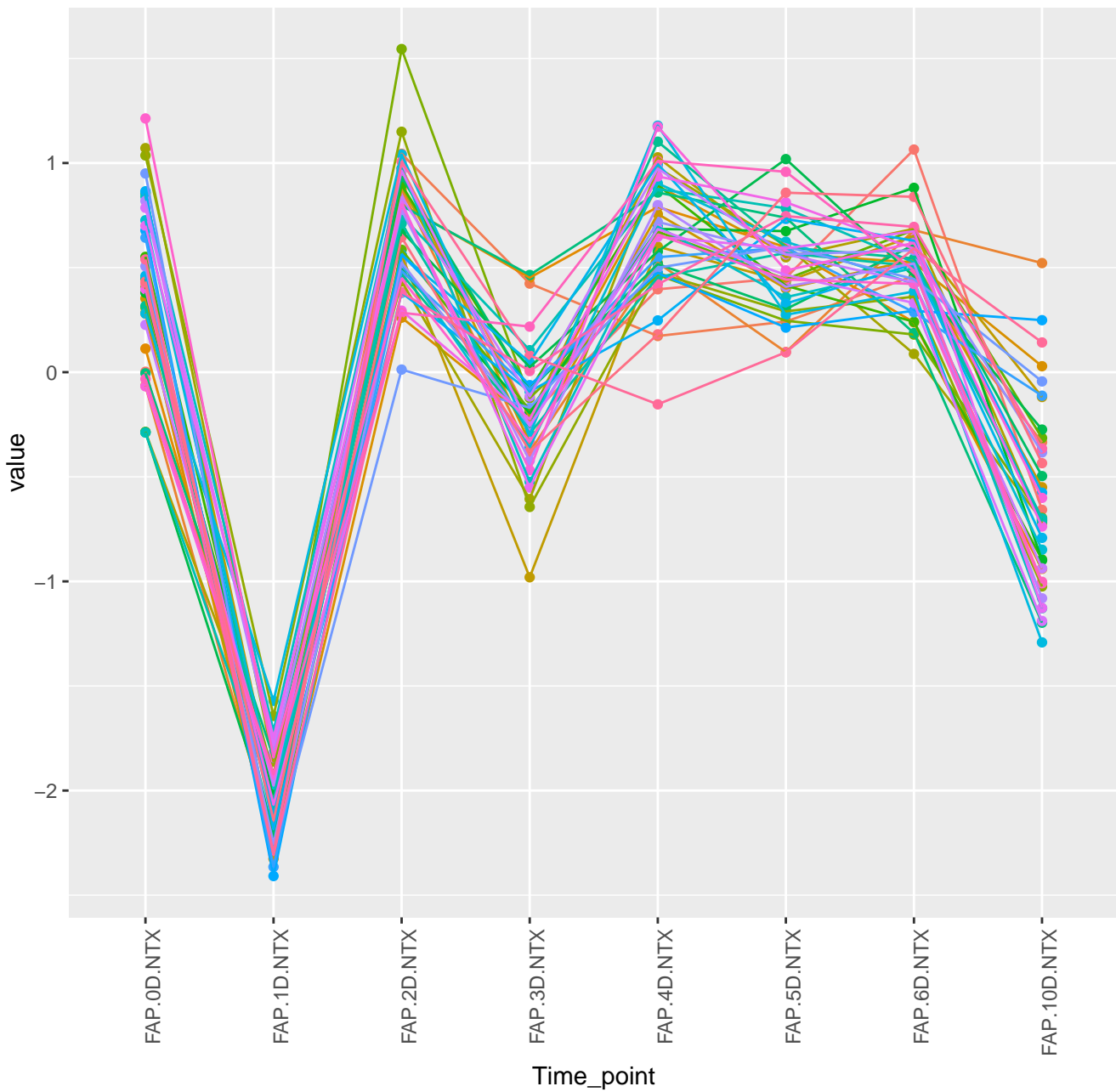




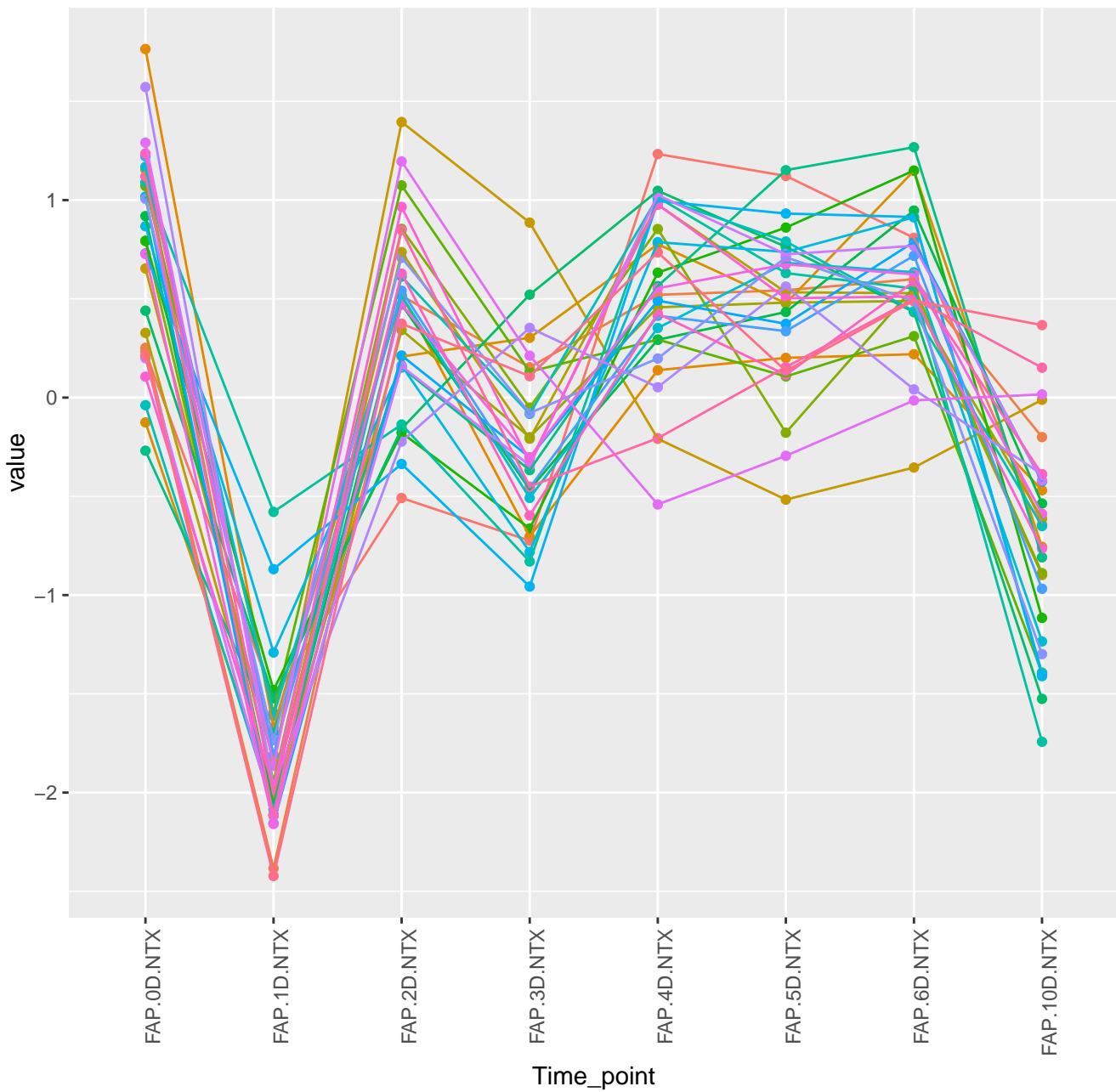
22 genes – cluster 345



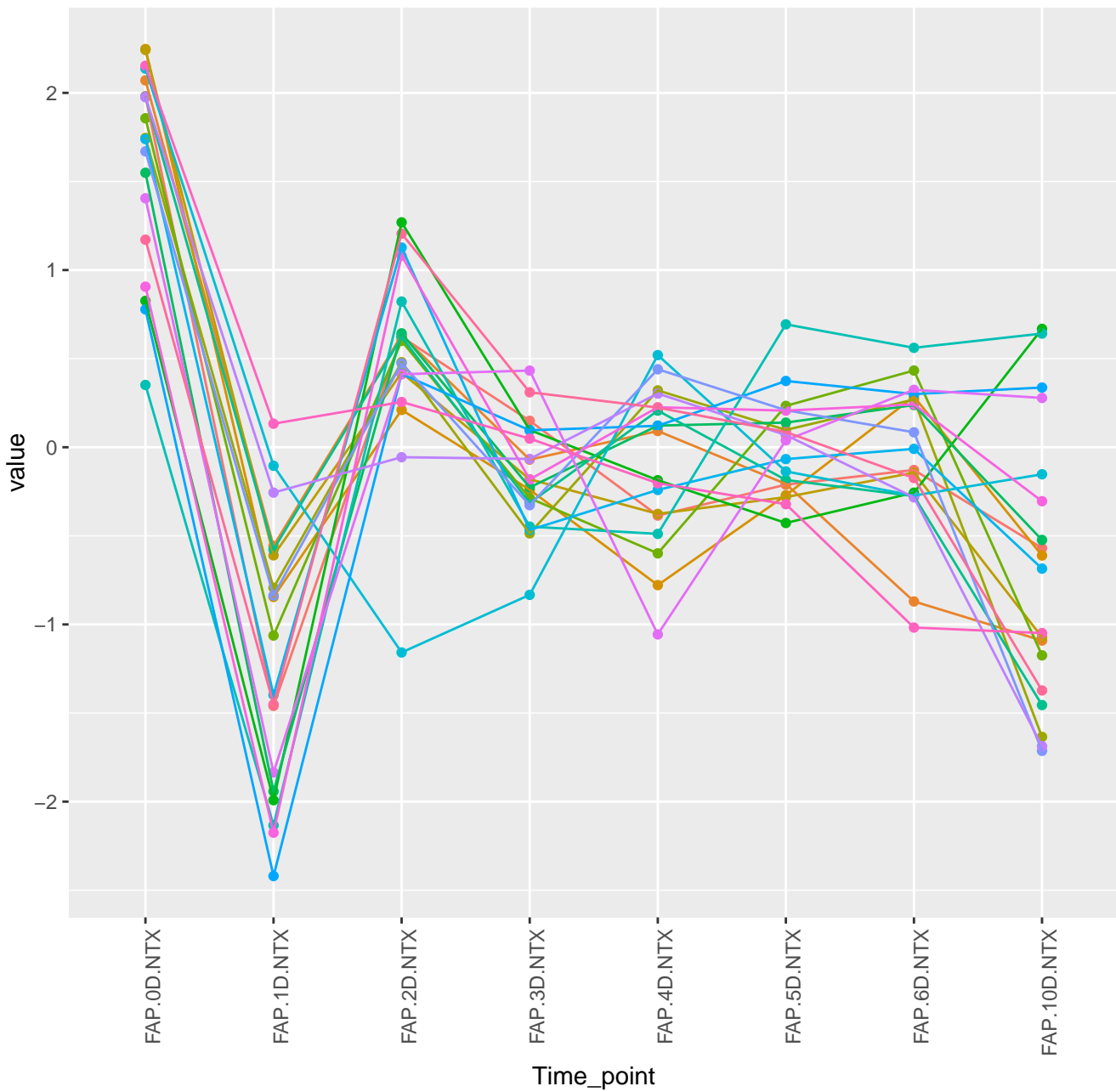
40 genes – cluster 346



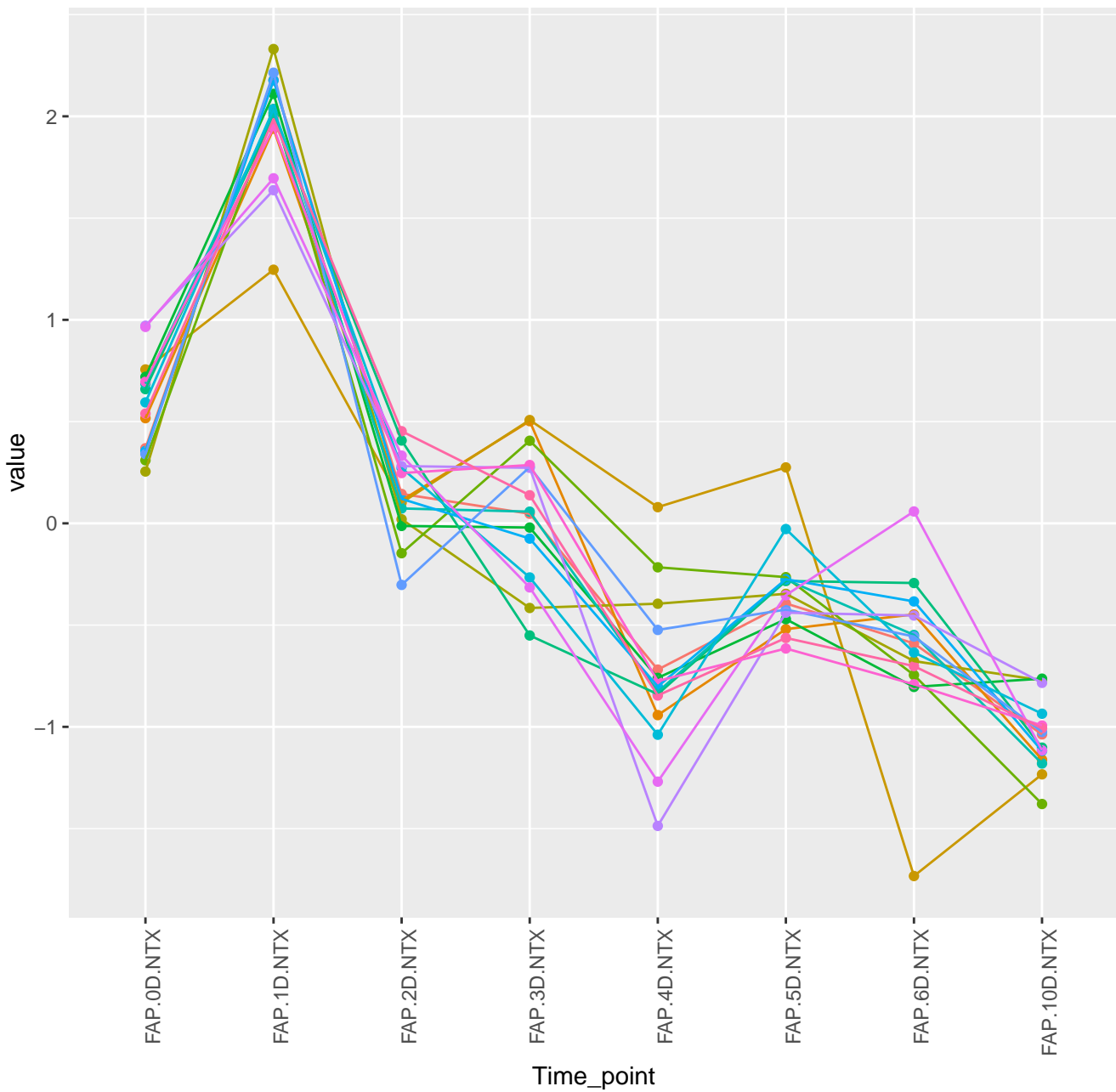
29 genes – cluster 347



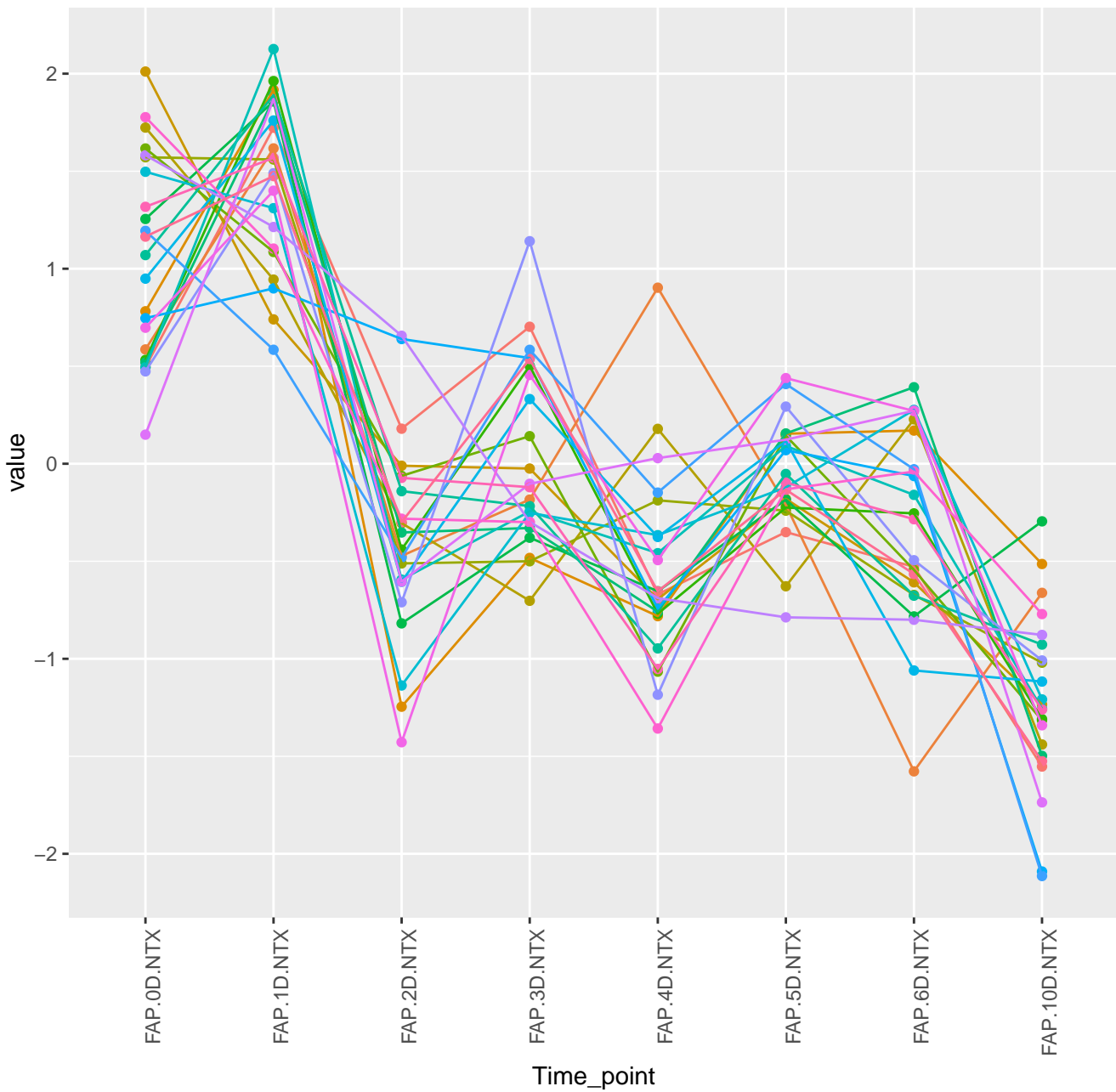
19 genes – cluster 348



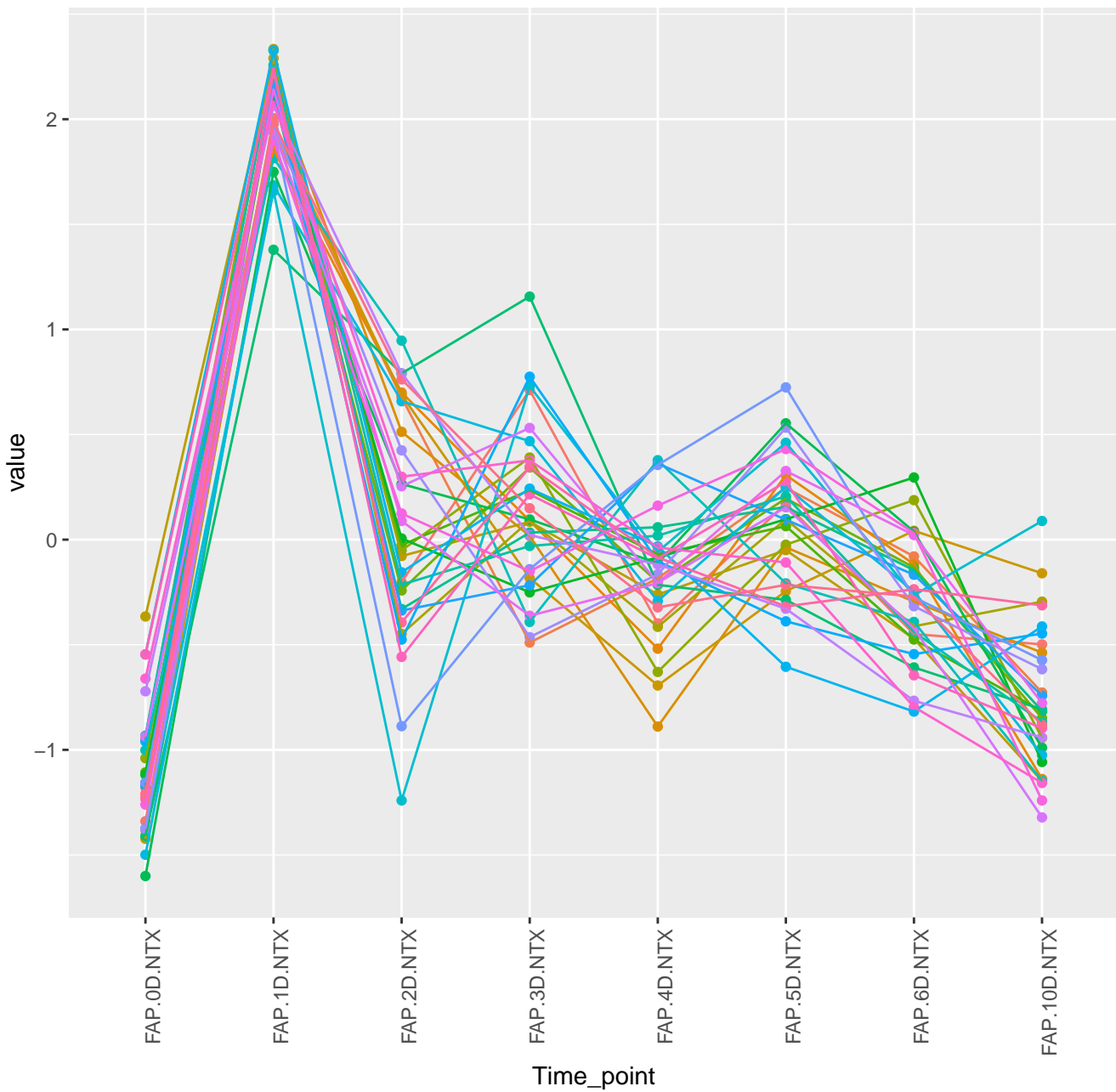
15 genes – cluster 349



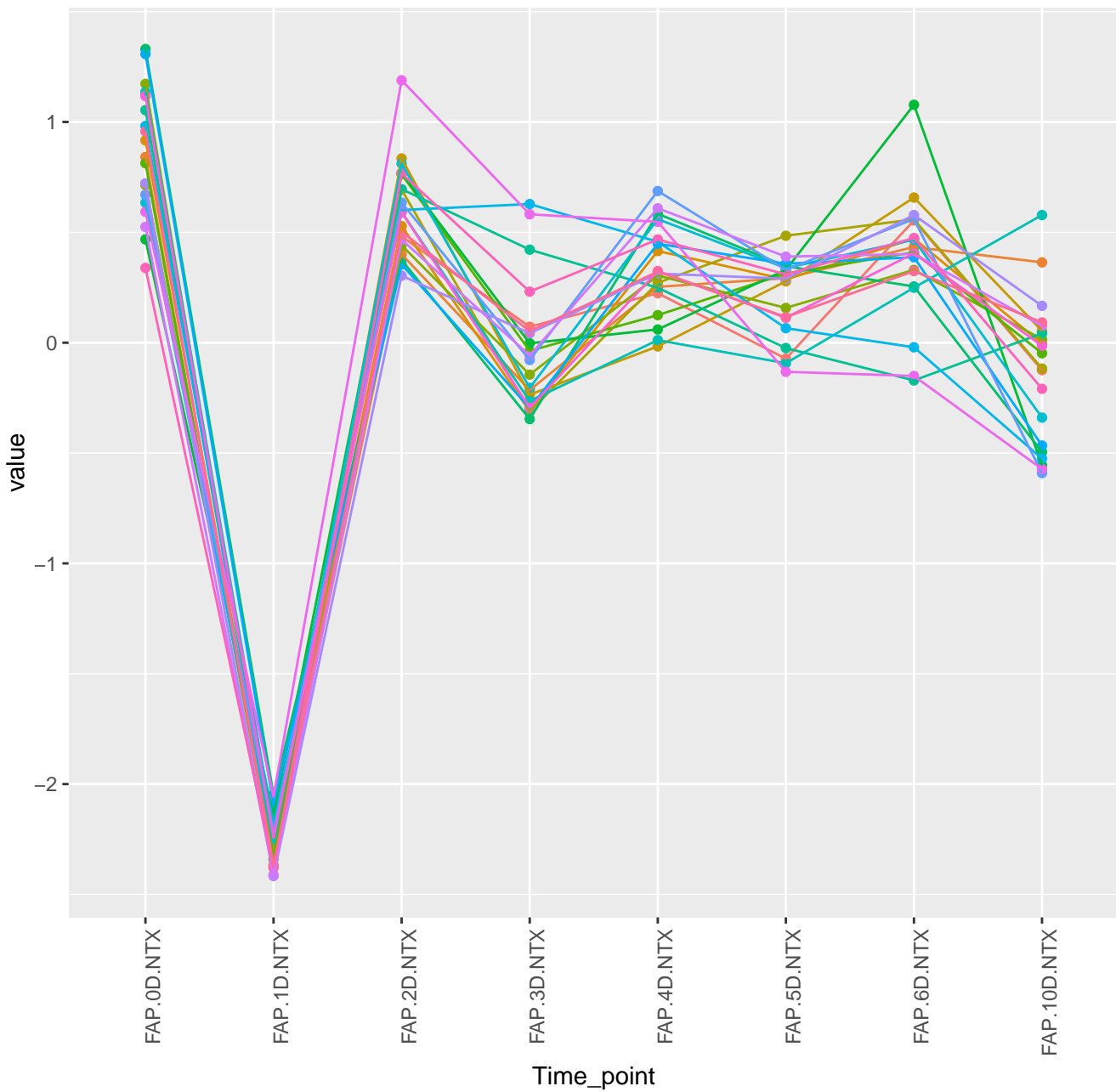
23 genes – cluster 350



31 genes – cluster 351

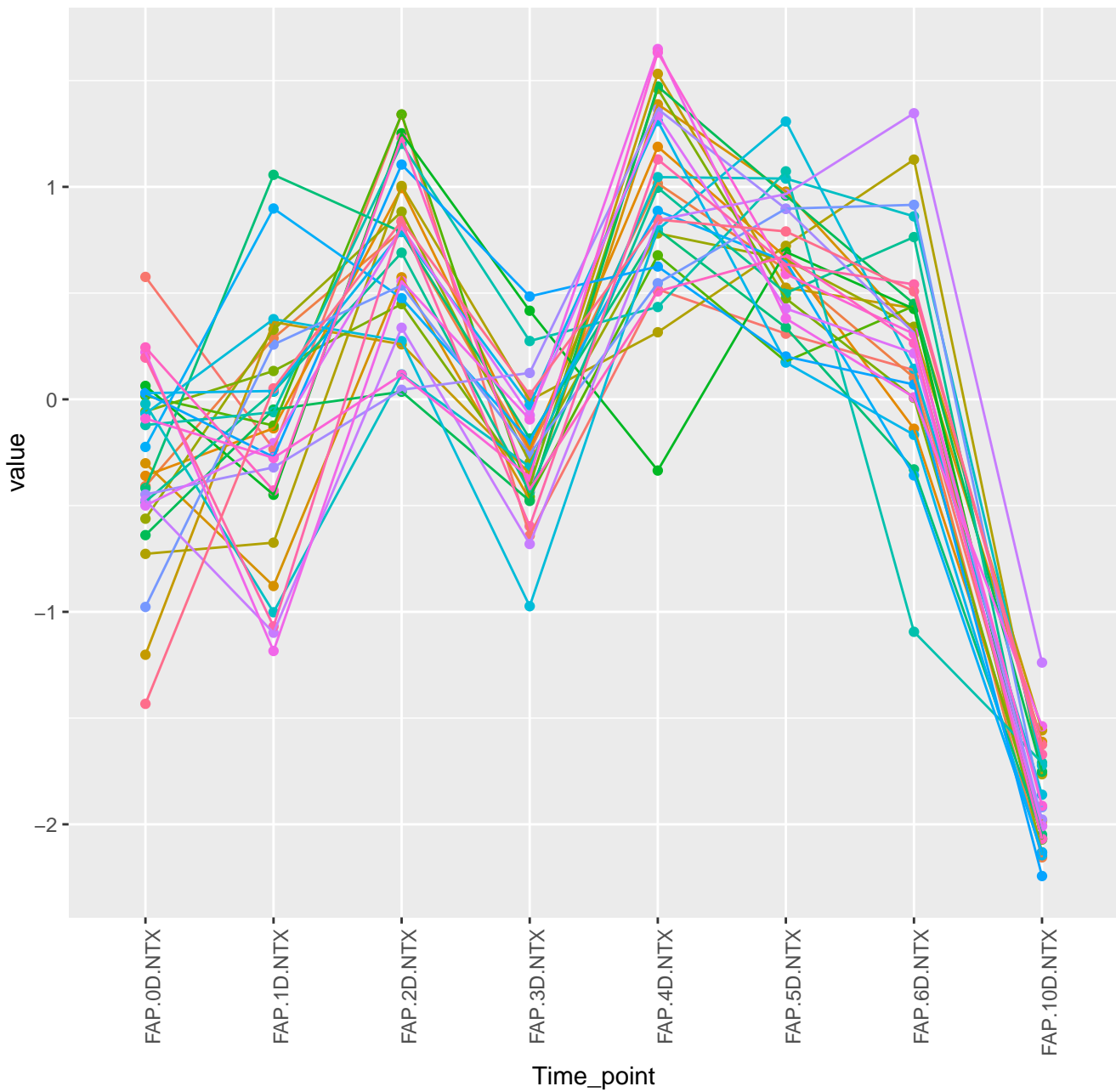


21 genes – cluster 352

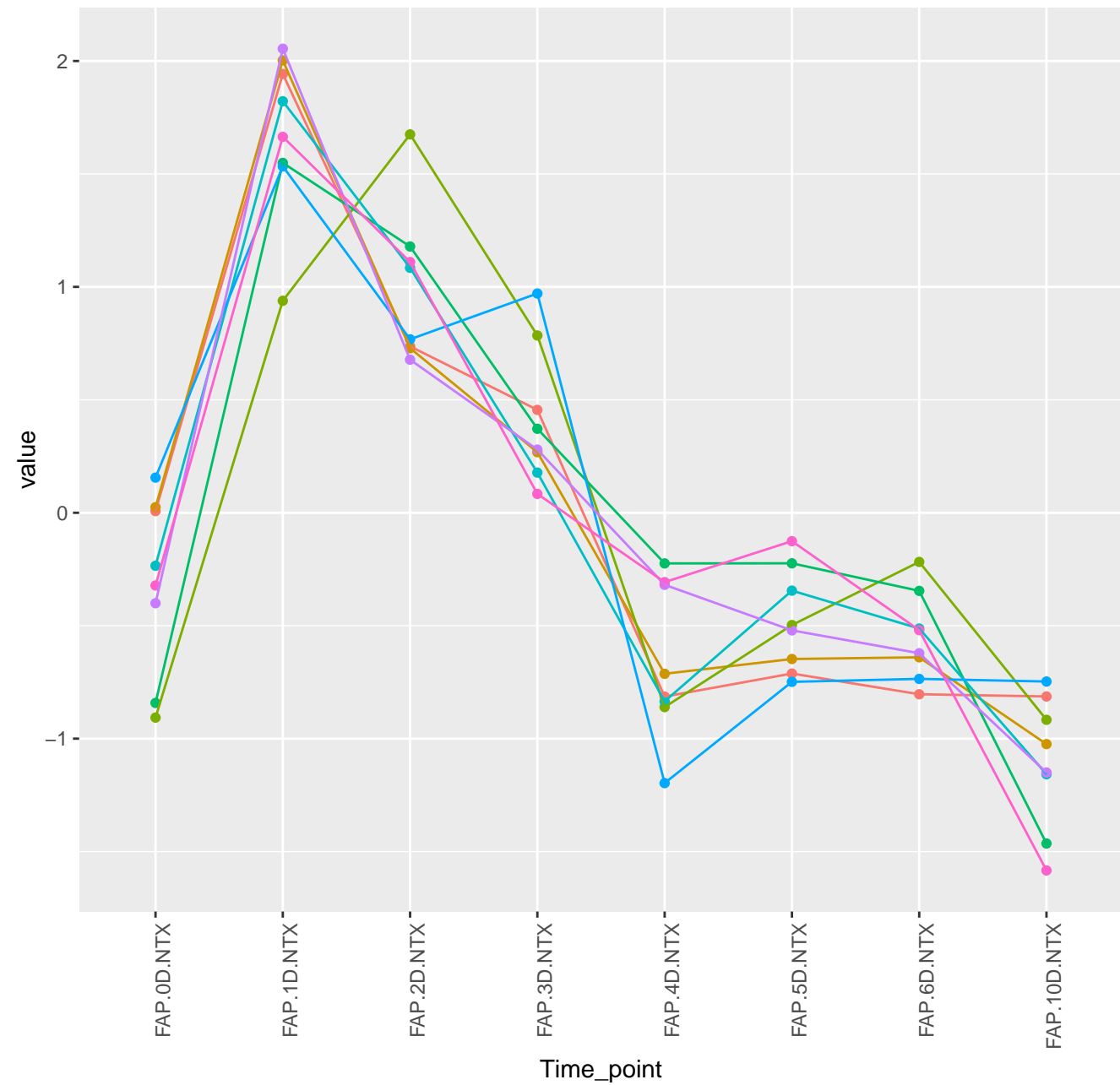




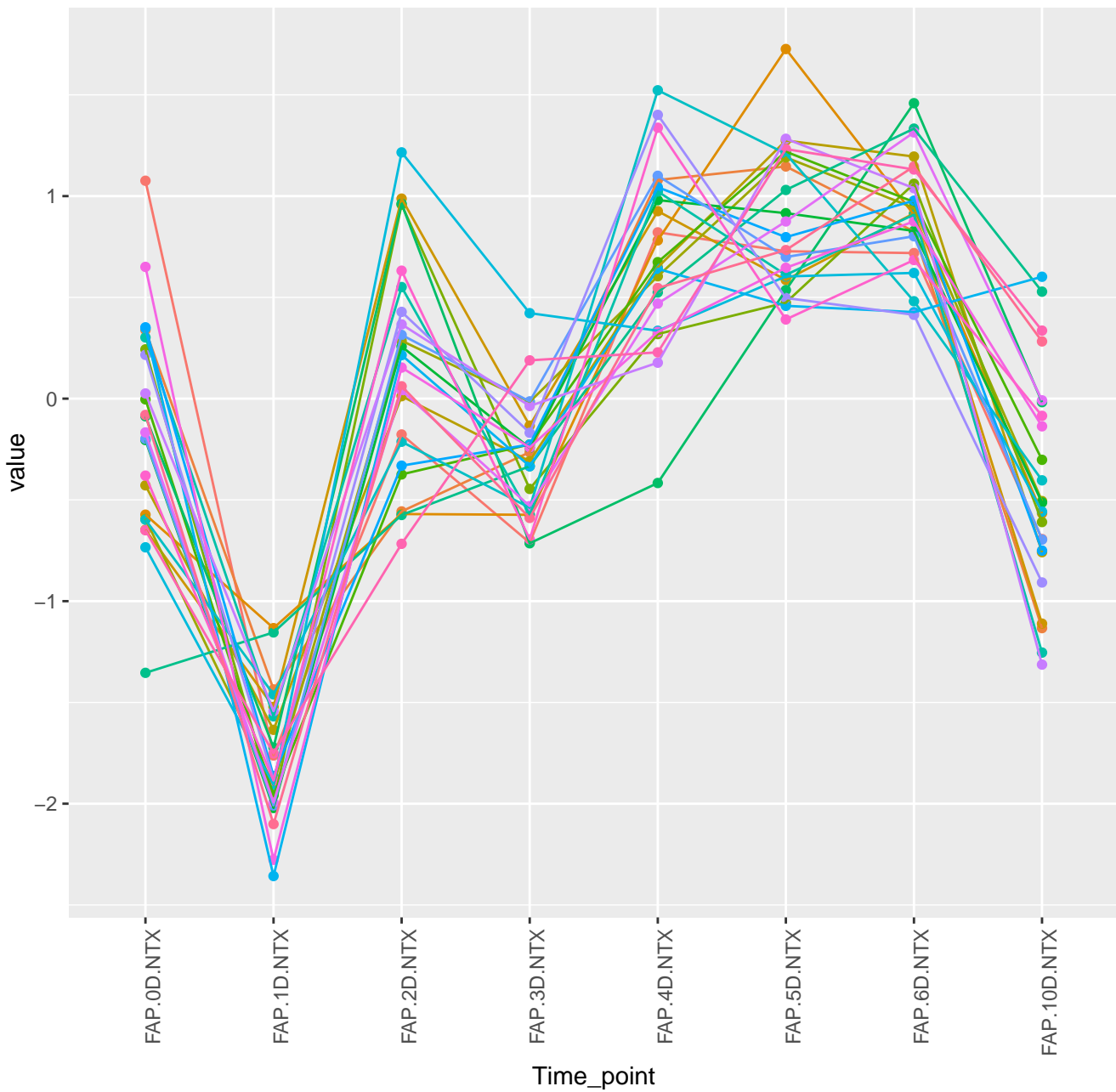
28 genes – cluster 353



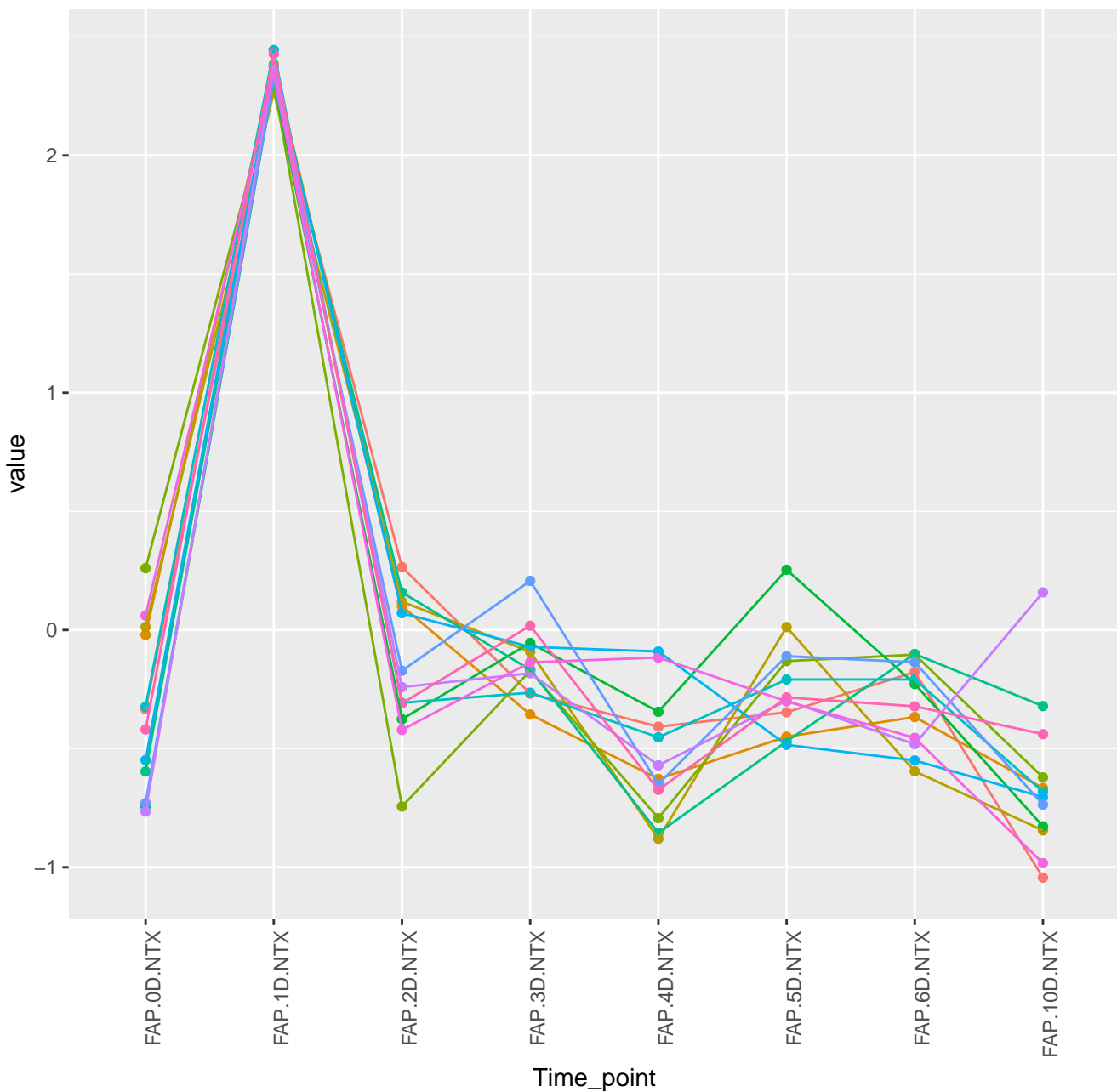
8 genes – cluster 354



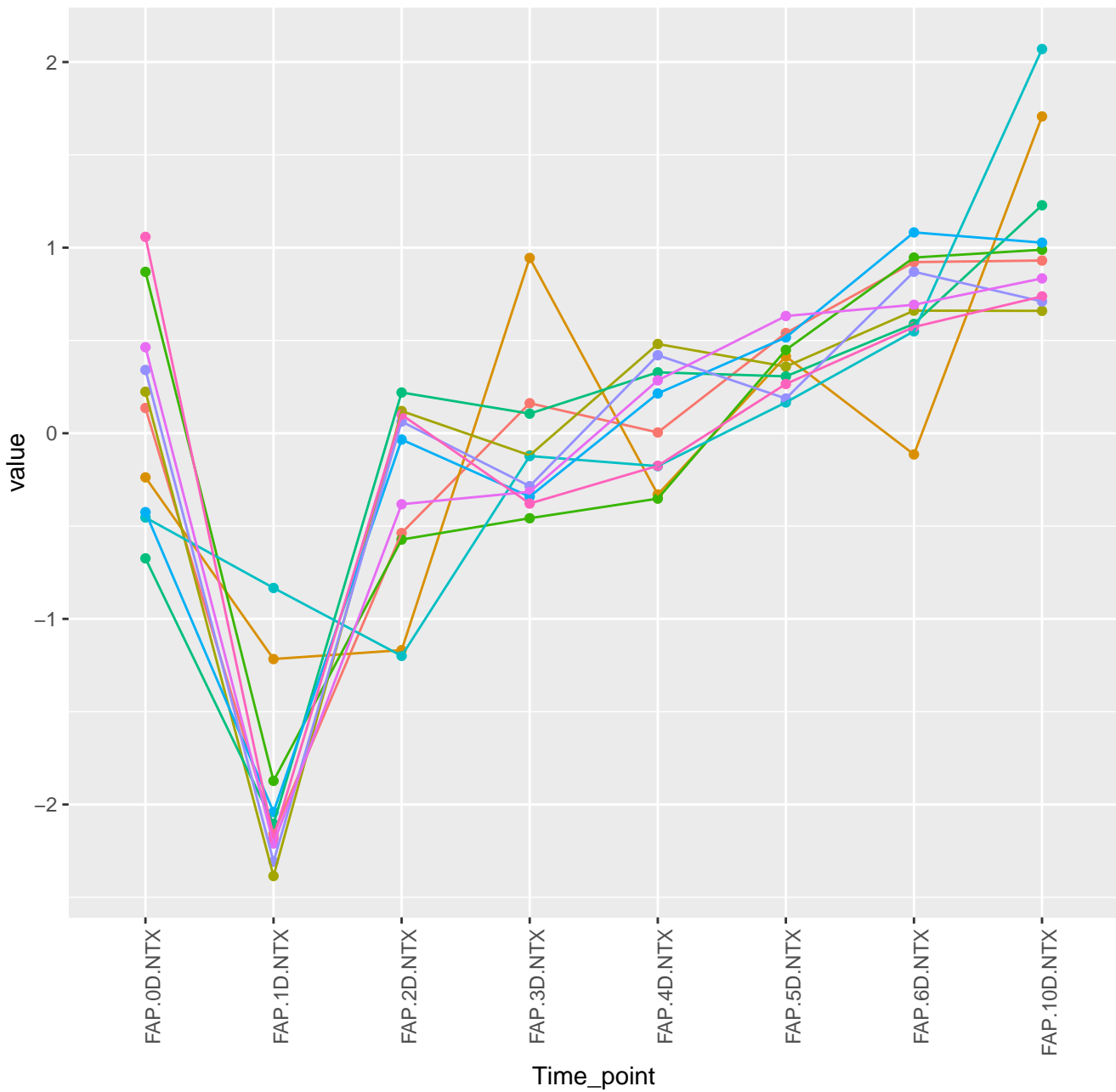
24 genes – cluster 355



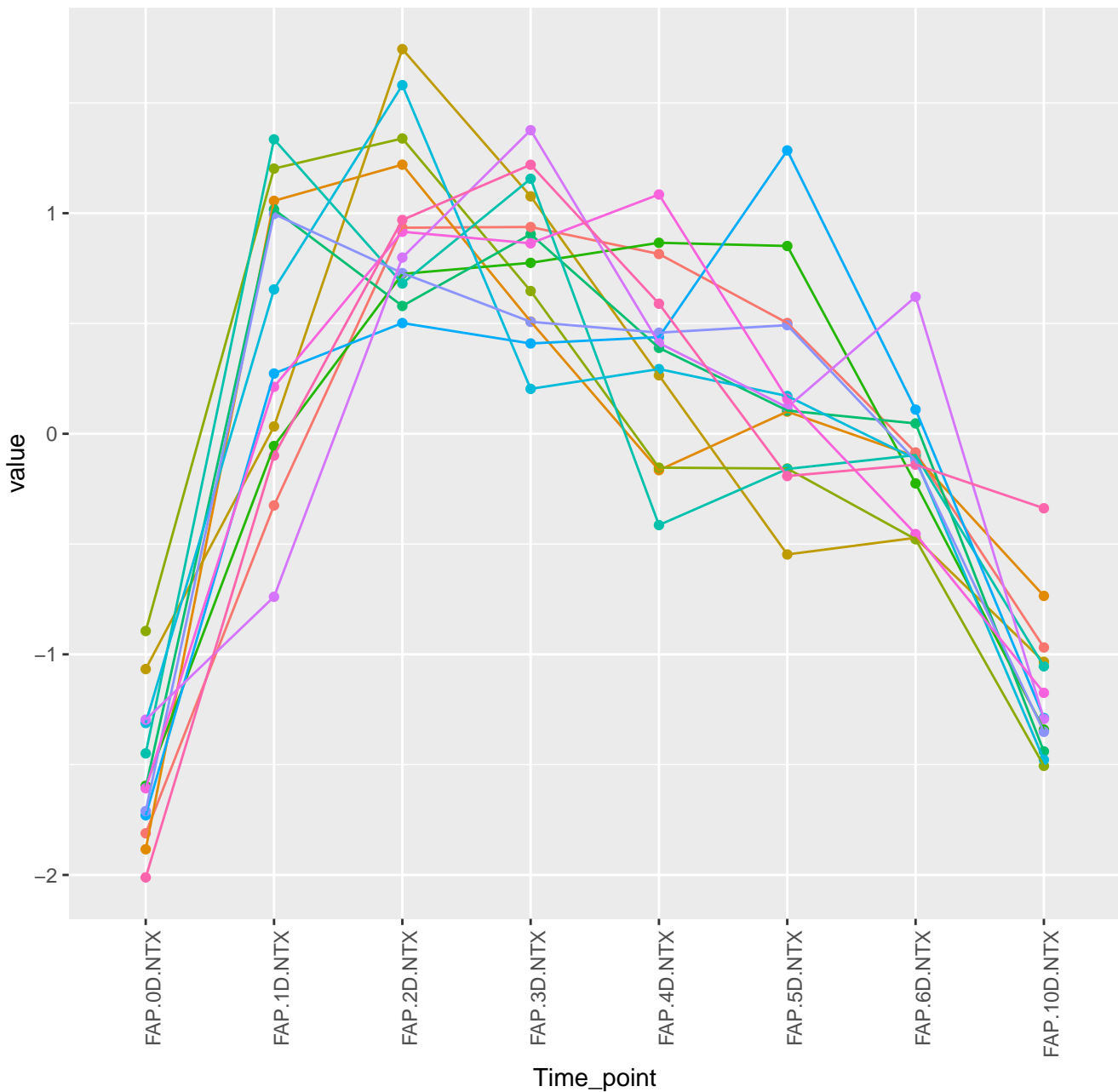
12 genes – cluster 356



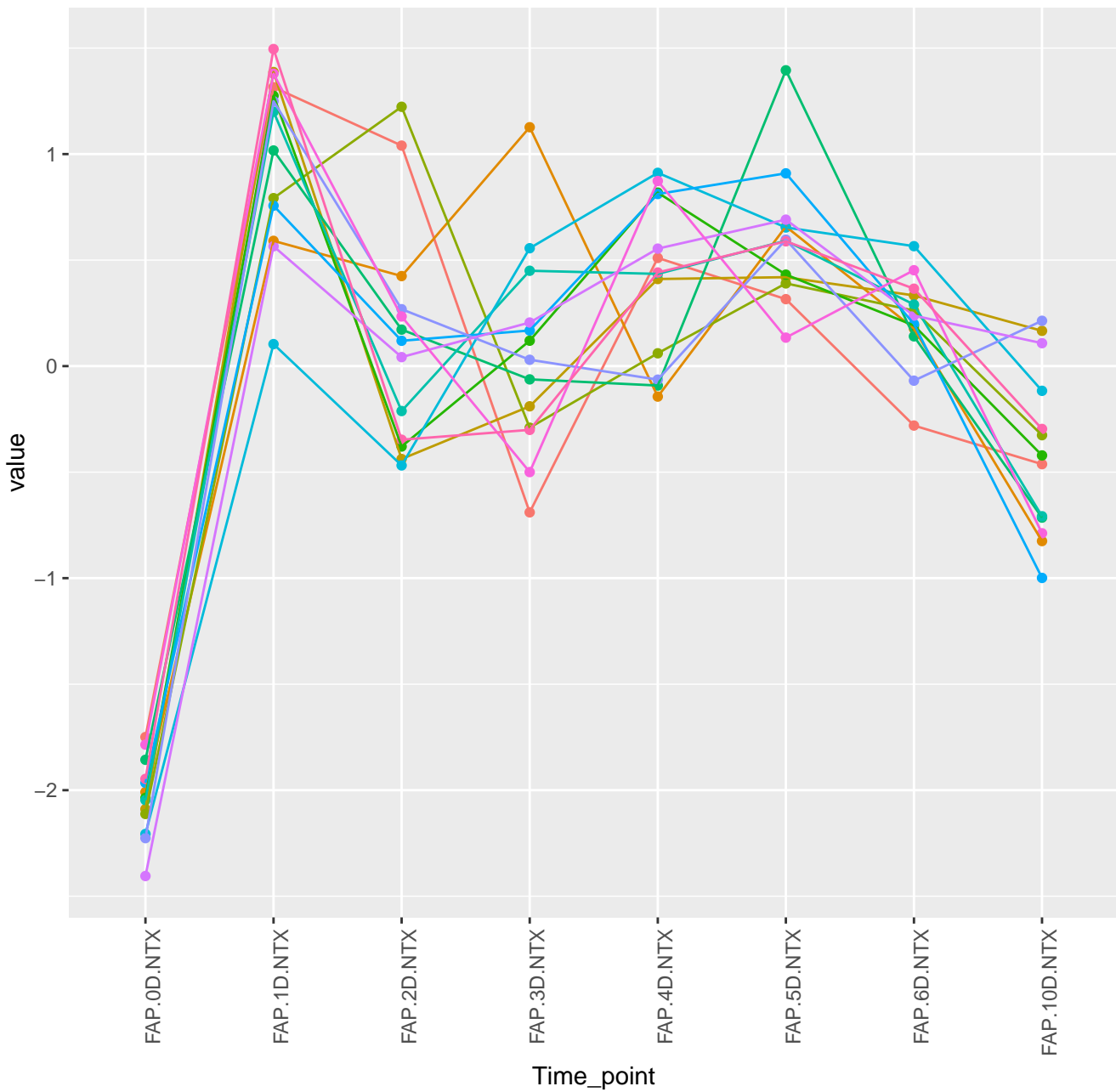
10 genes – cluster 357



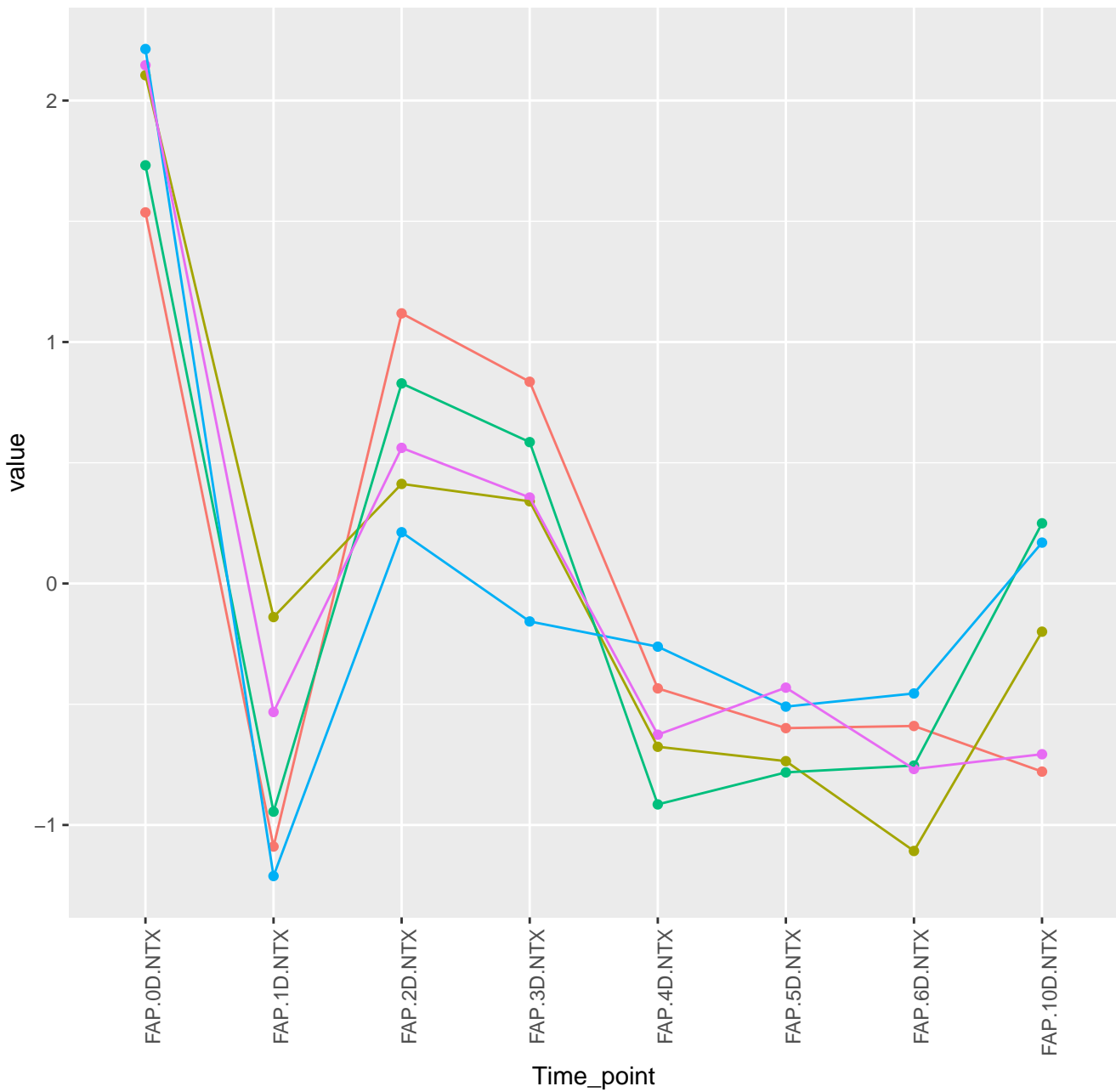
13 genes – cluster 358



13 genes – cluster 359

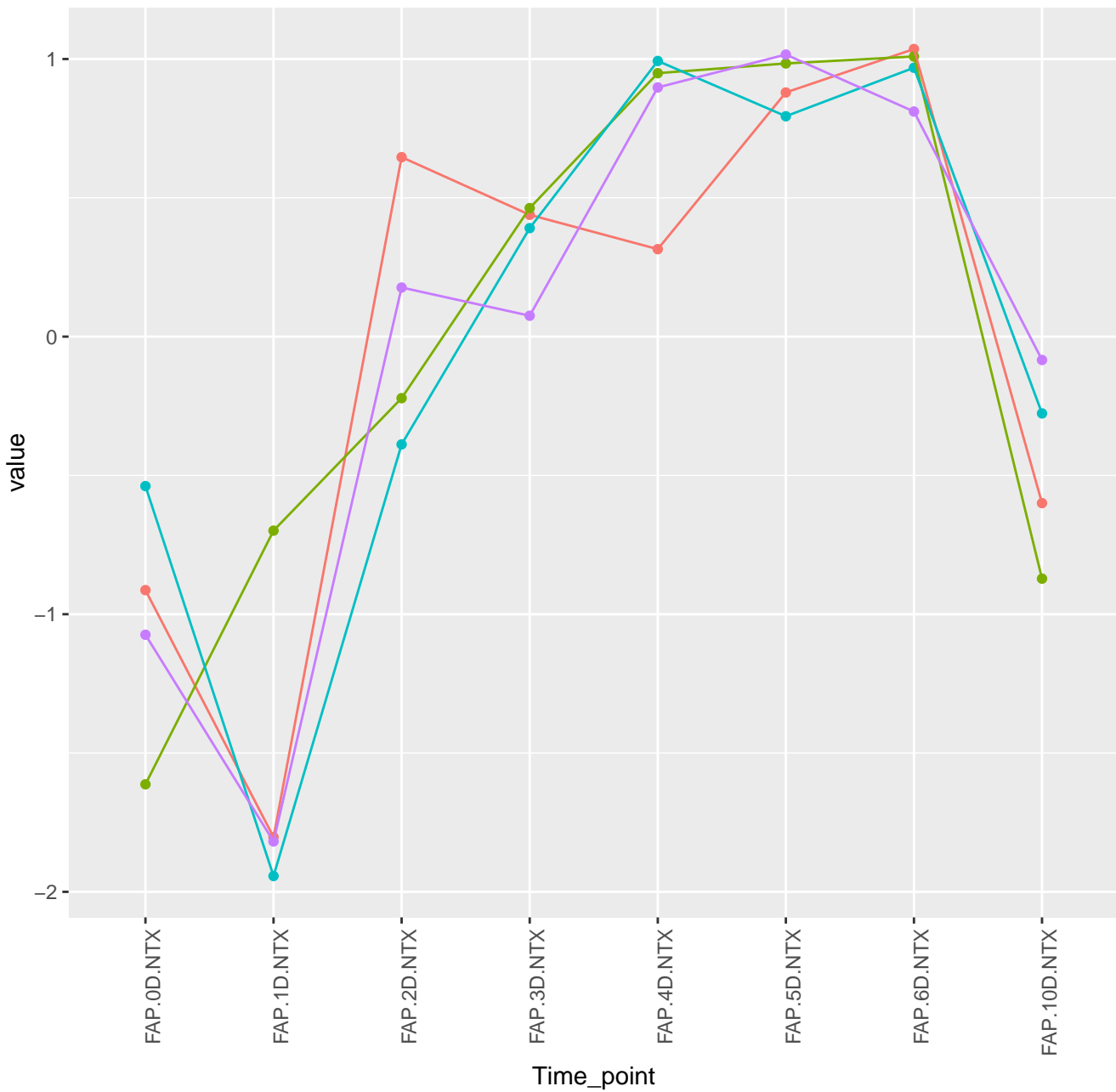


5 genes – cluster 360

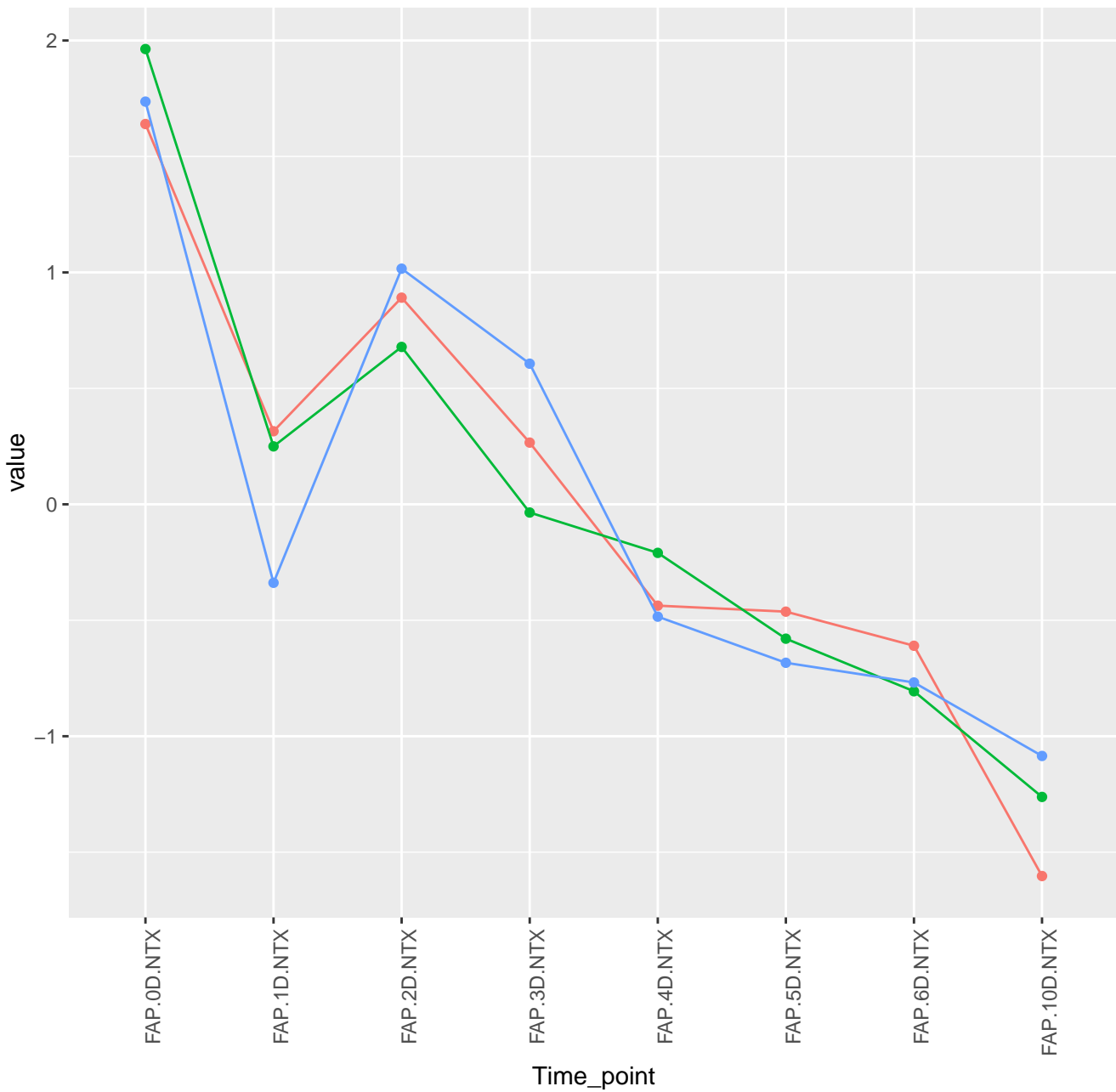




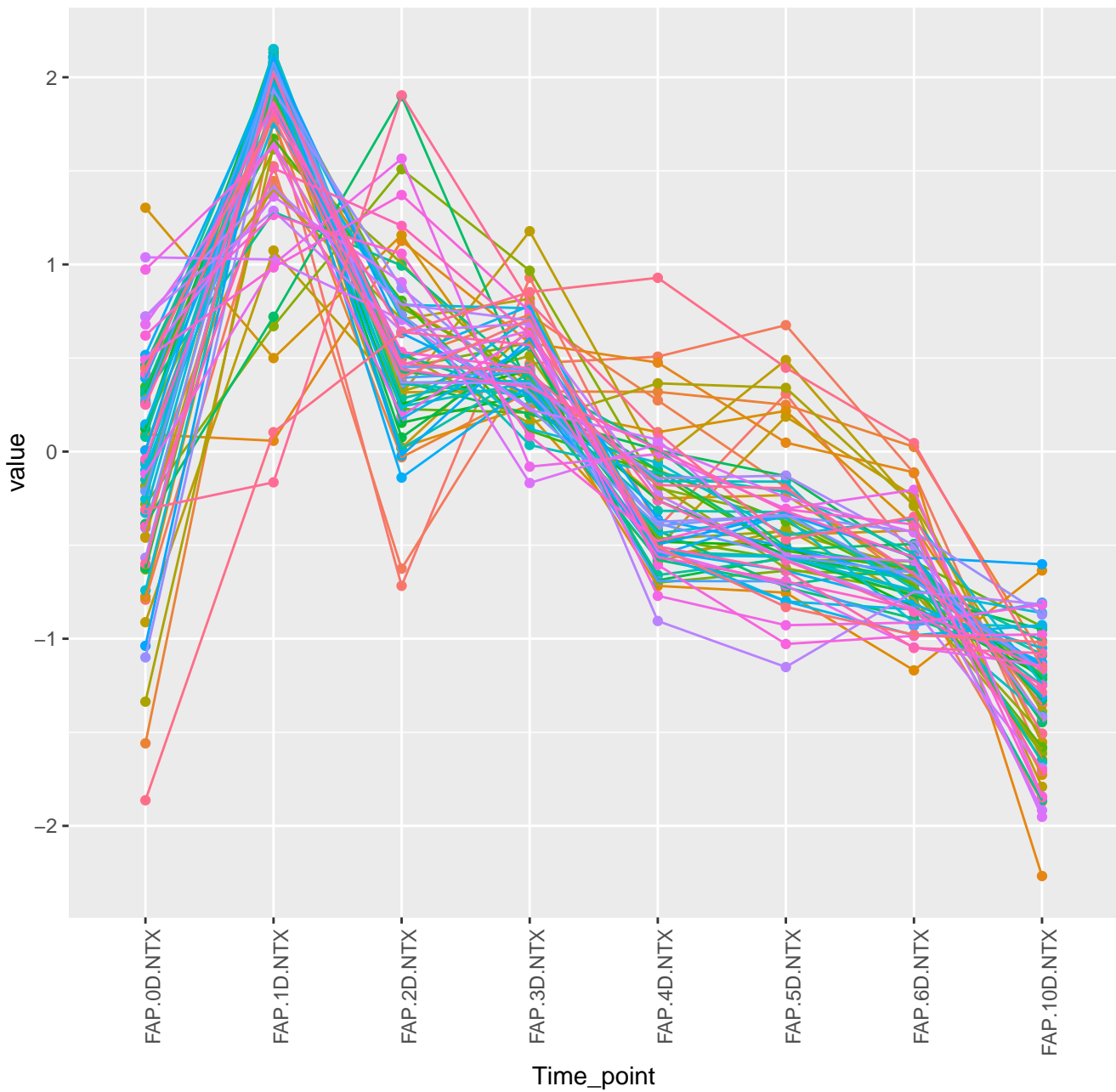
4 genes – cluster 361



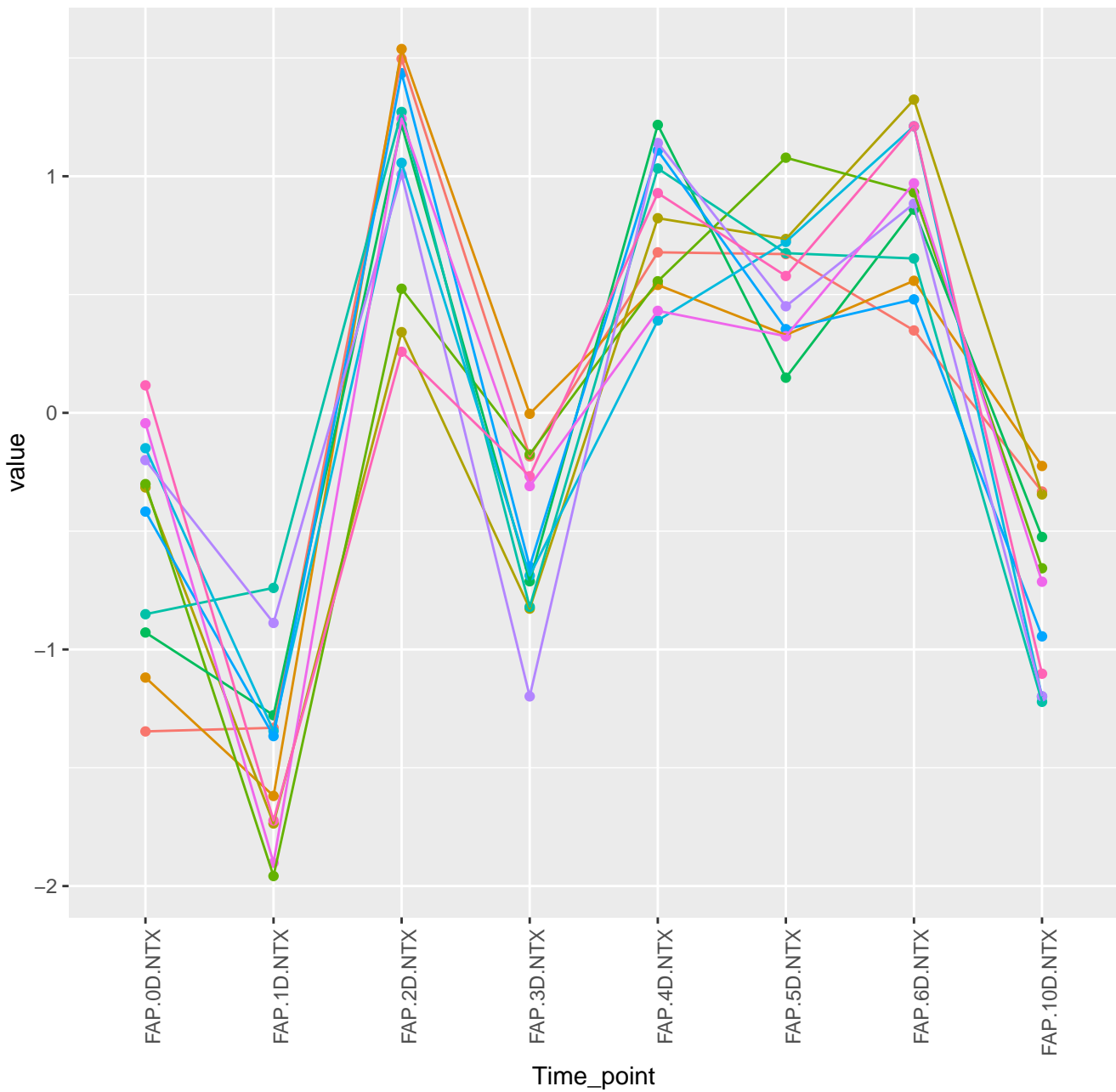
3 genes – cluster 362



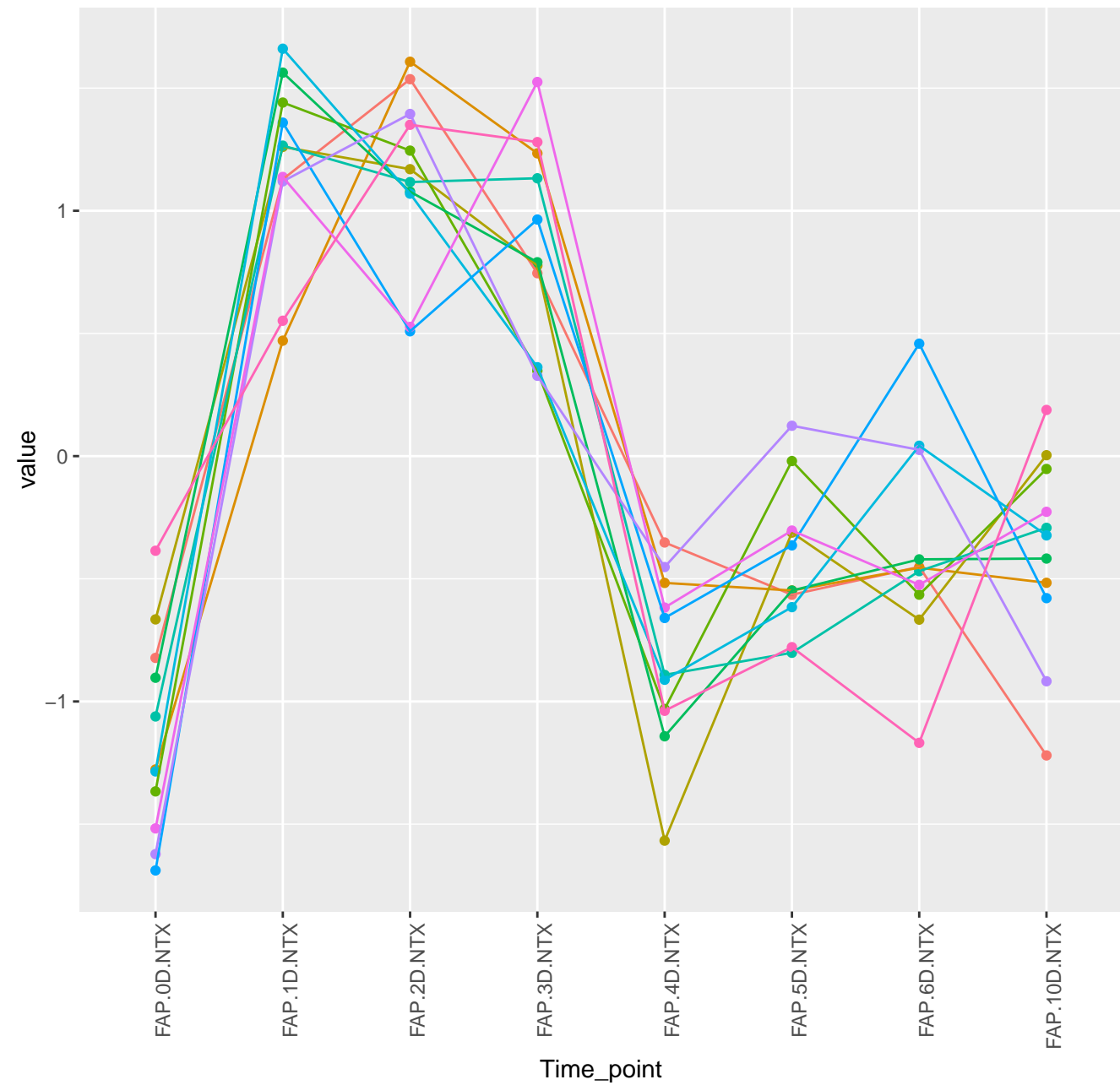
64 genes – cluster 363



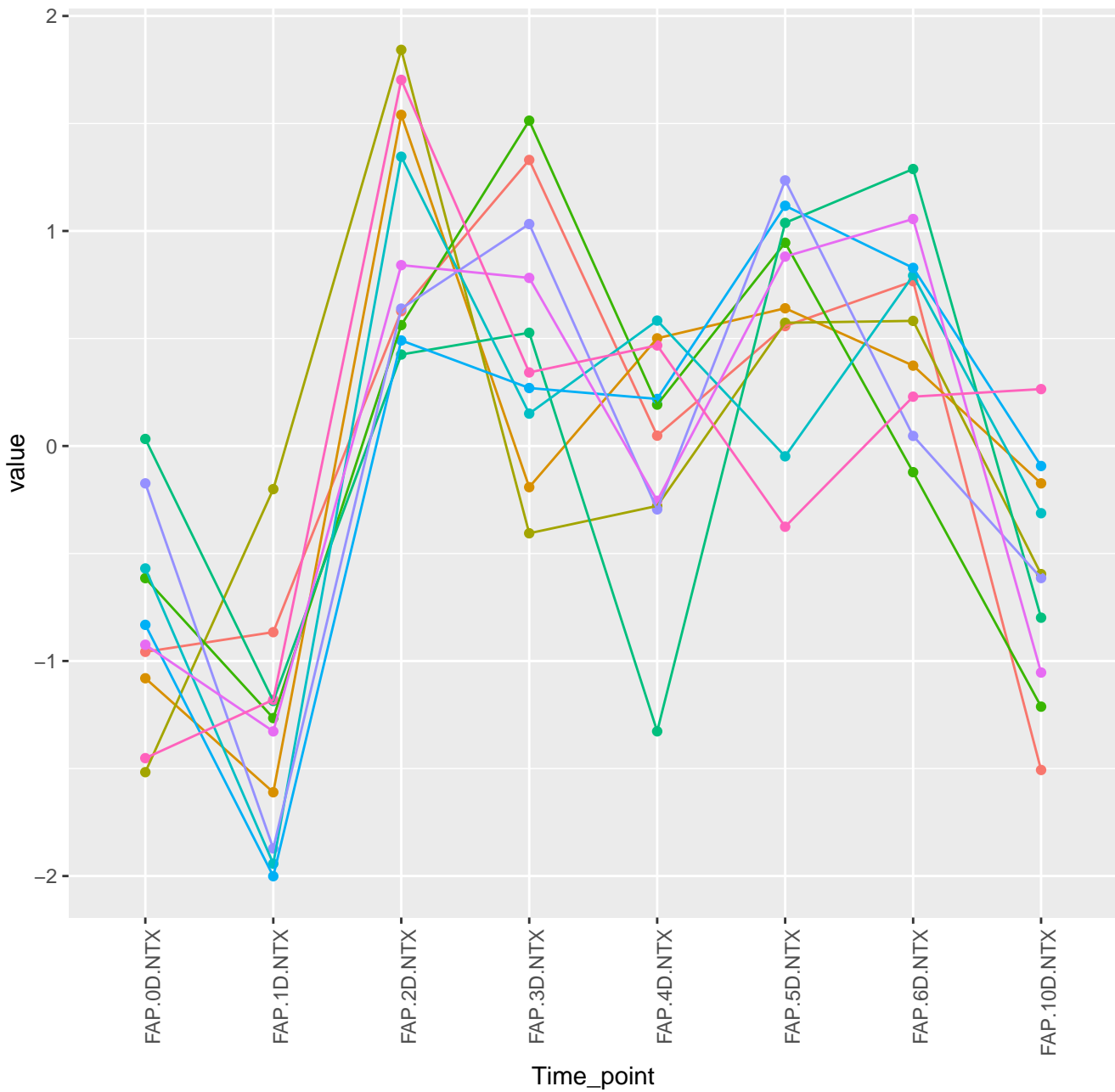
11 genes – cluster 364



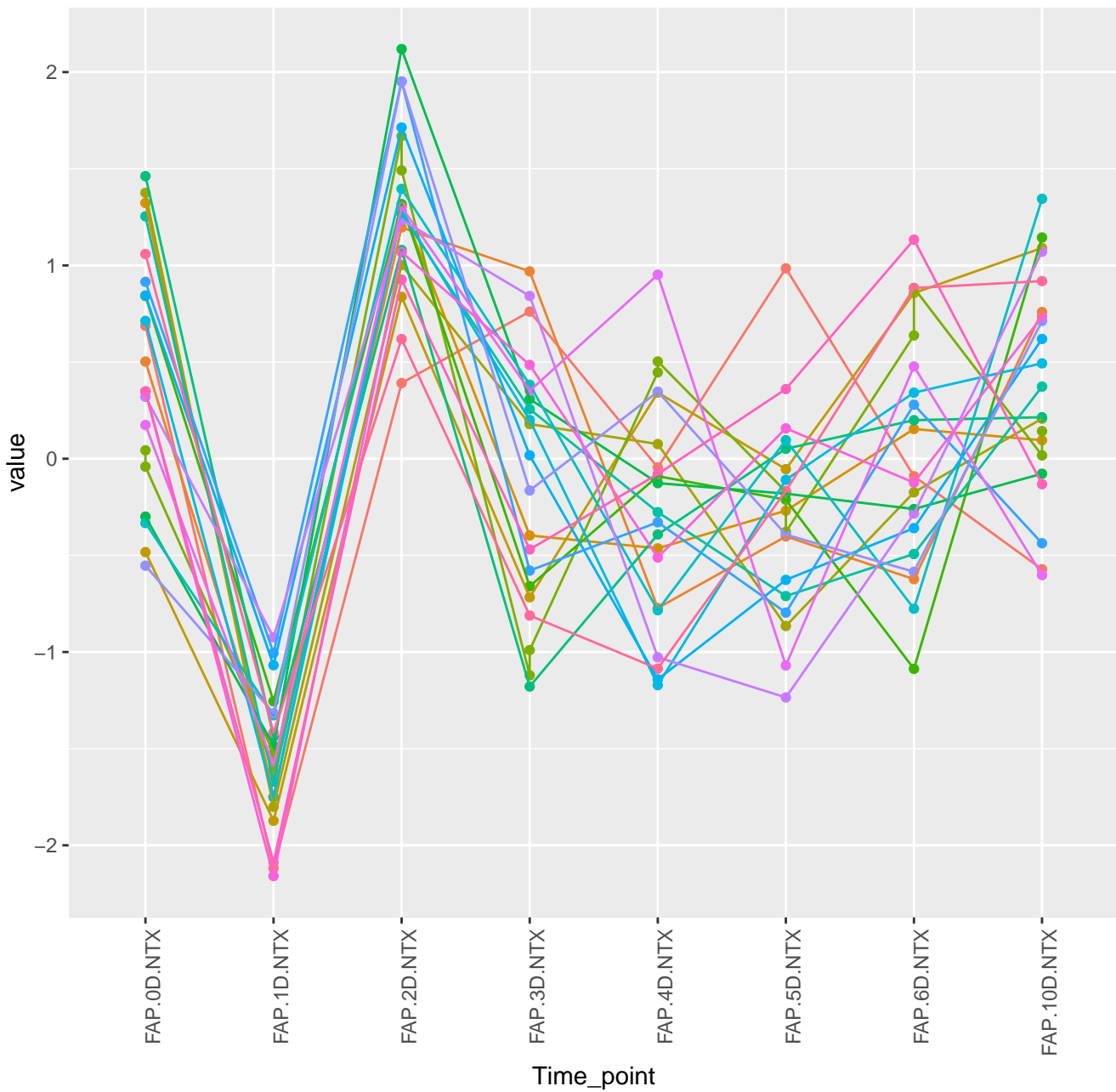
11 genes – cluster 365



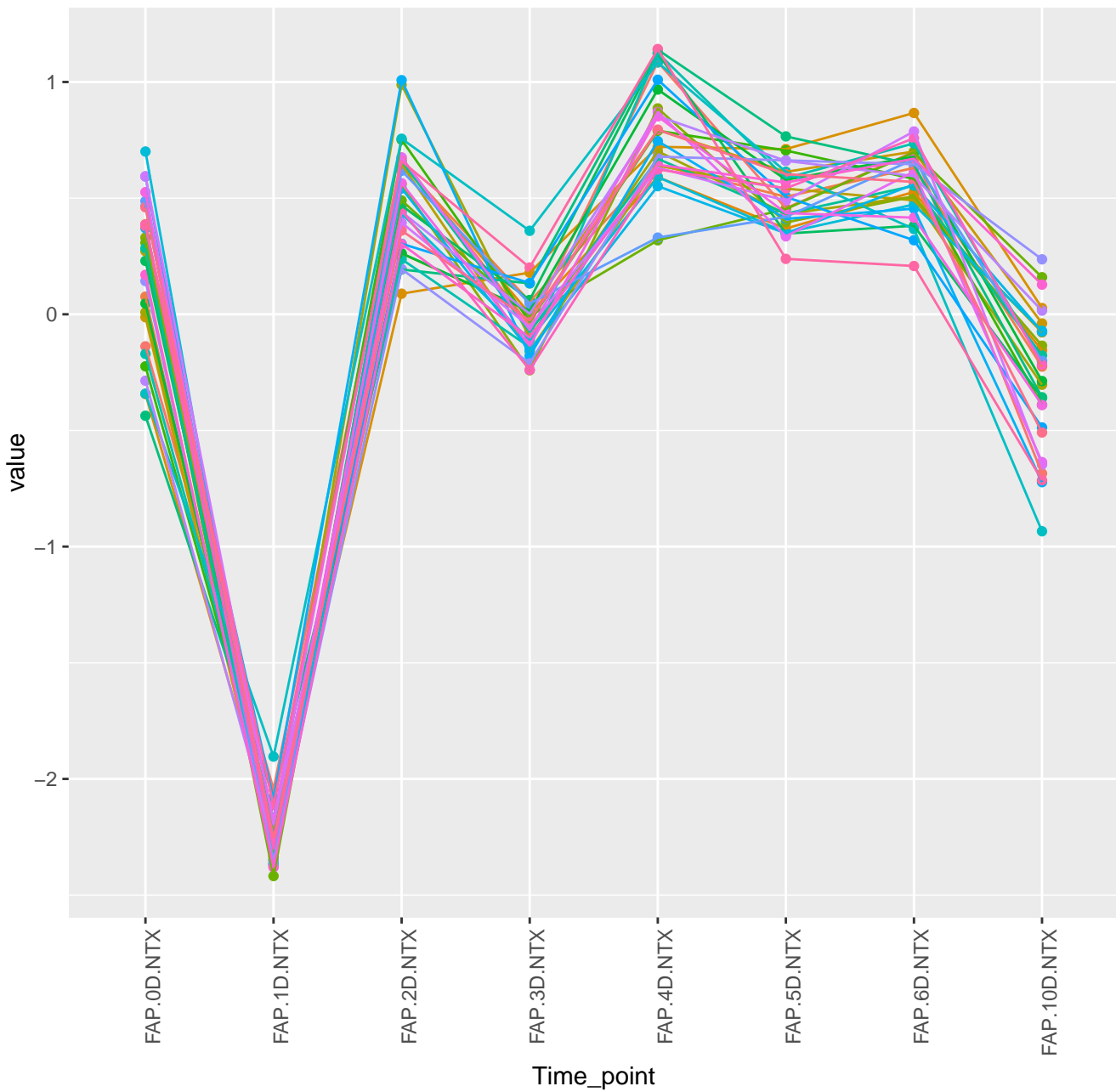
10 genes – cluster 366



21 genes – cluster 367

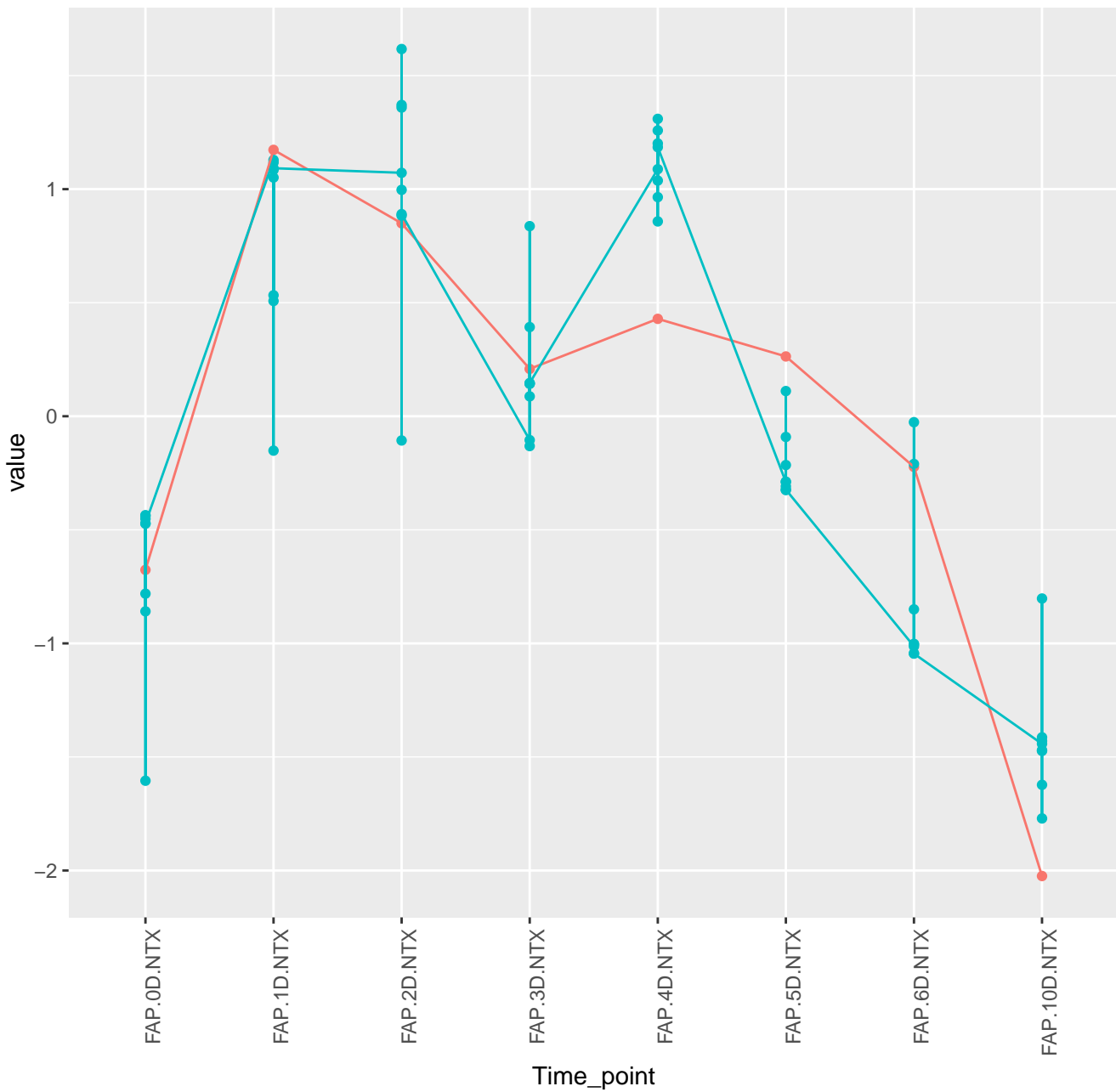


30 genes – cluster 368

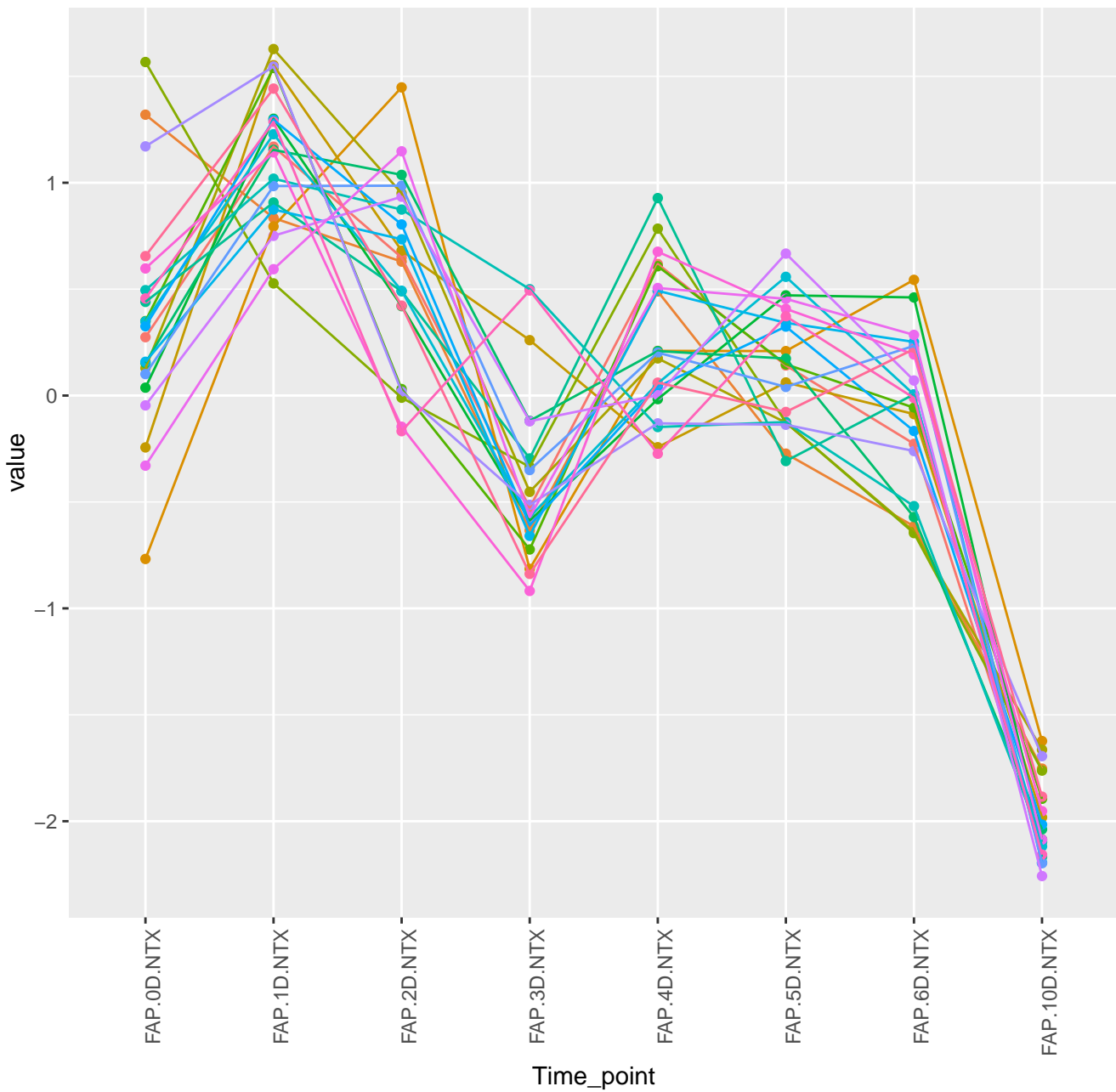




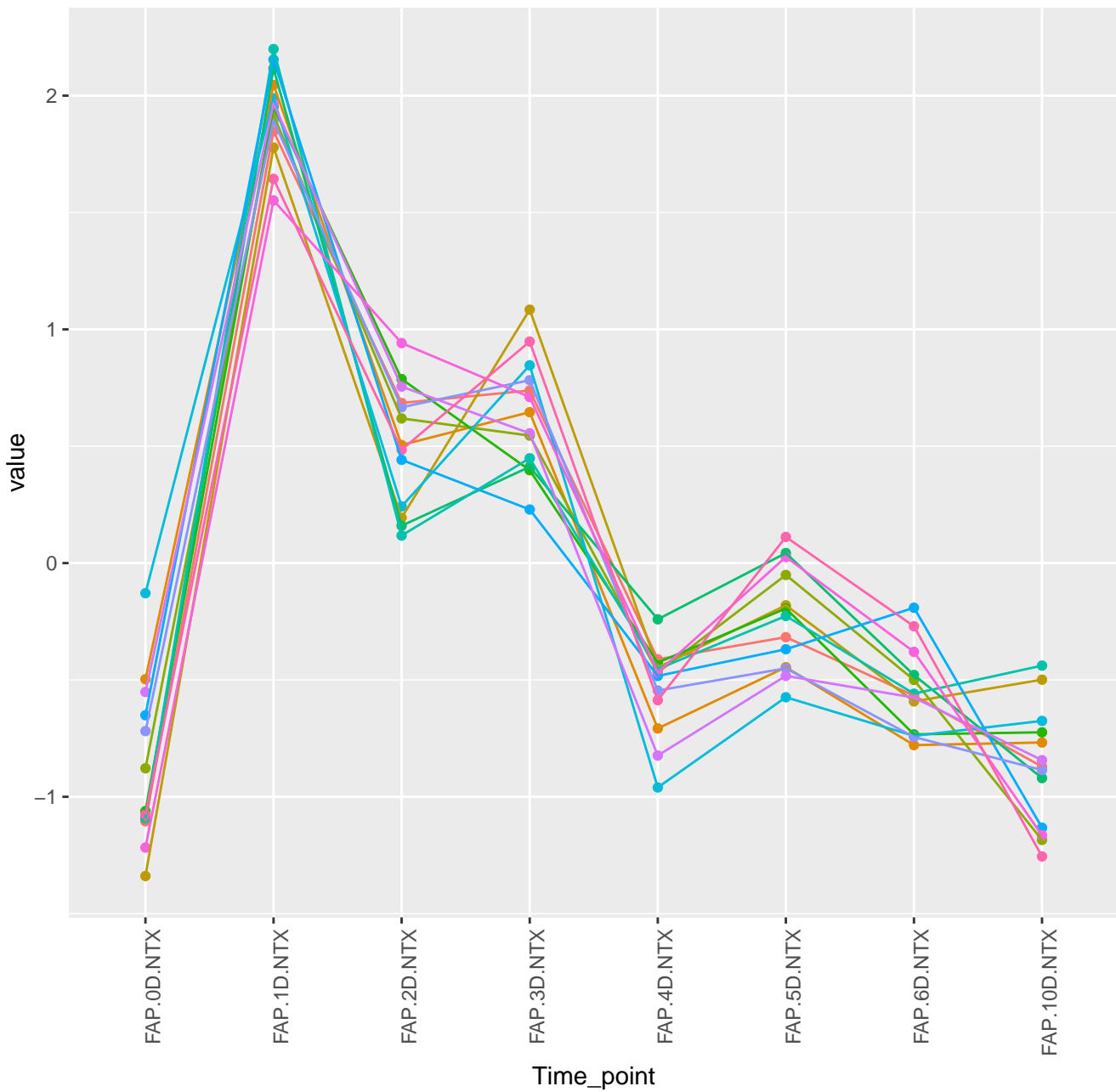
9 genes – cluster 369



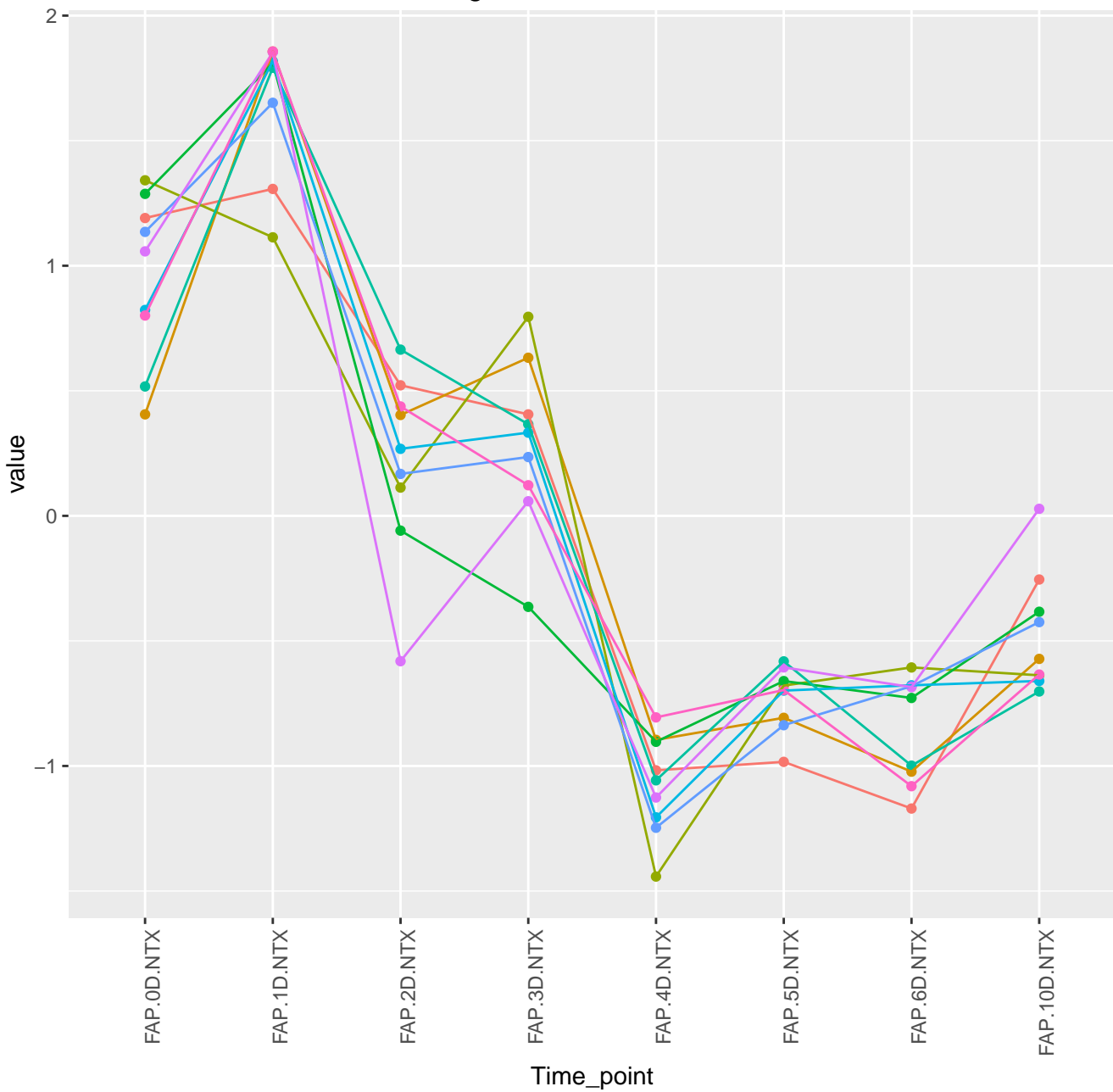
21 genes – cluster 370



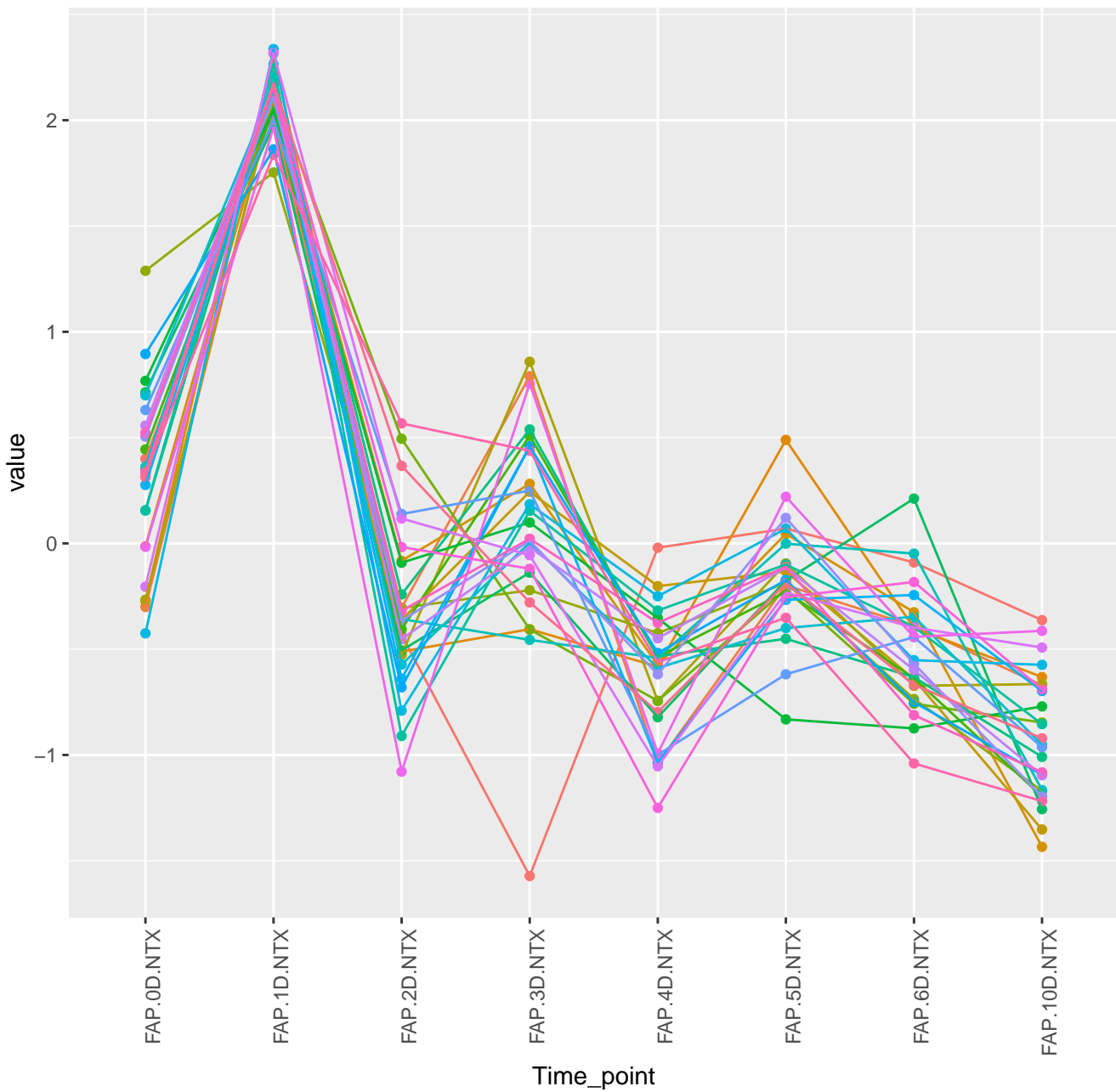
13 genes – cluster 371



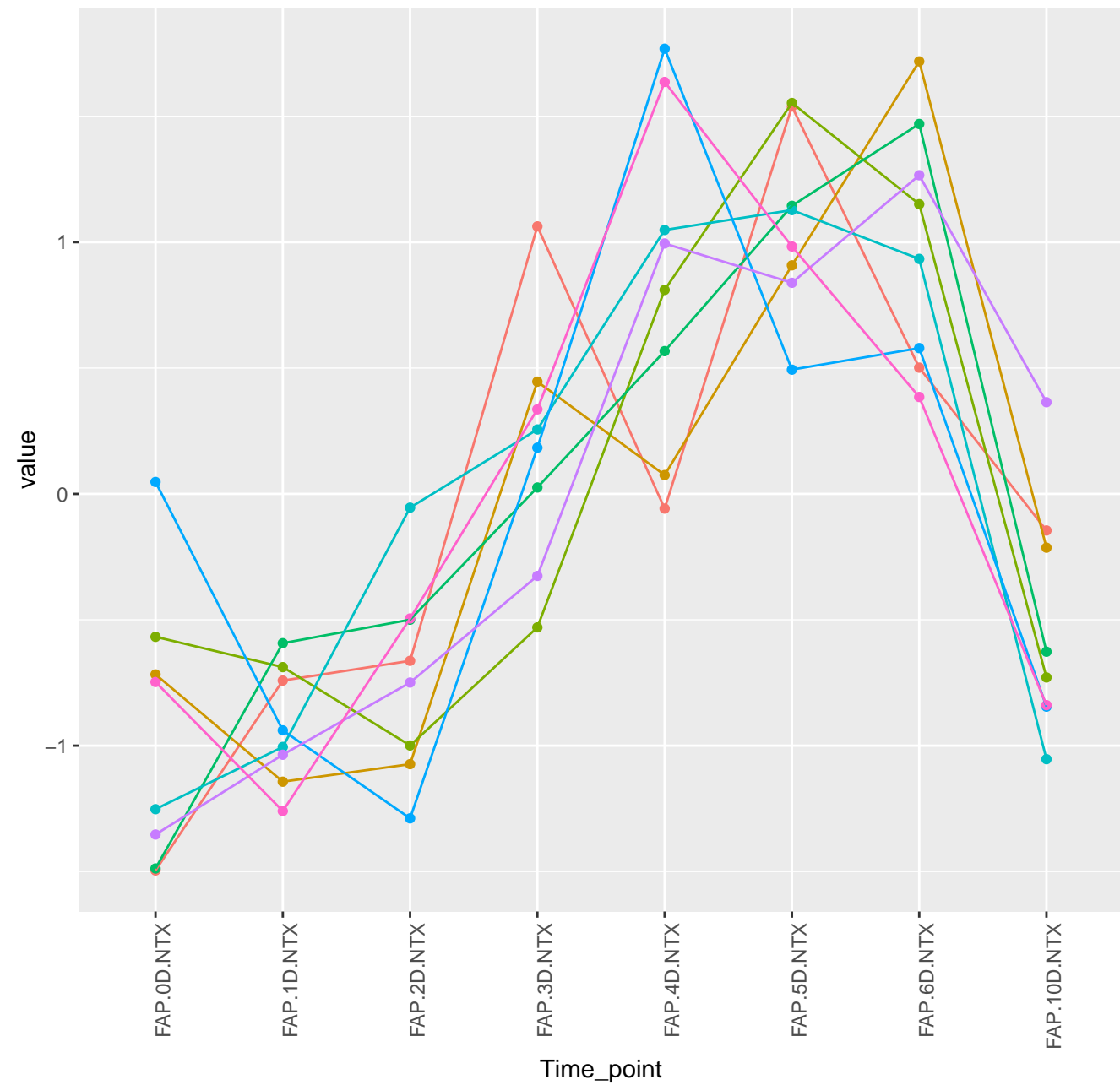
9 genes – cluster 372



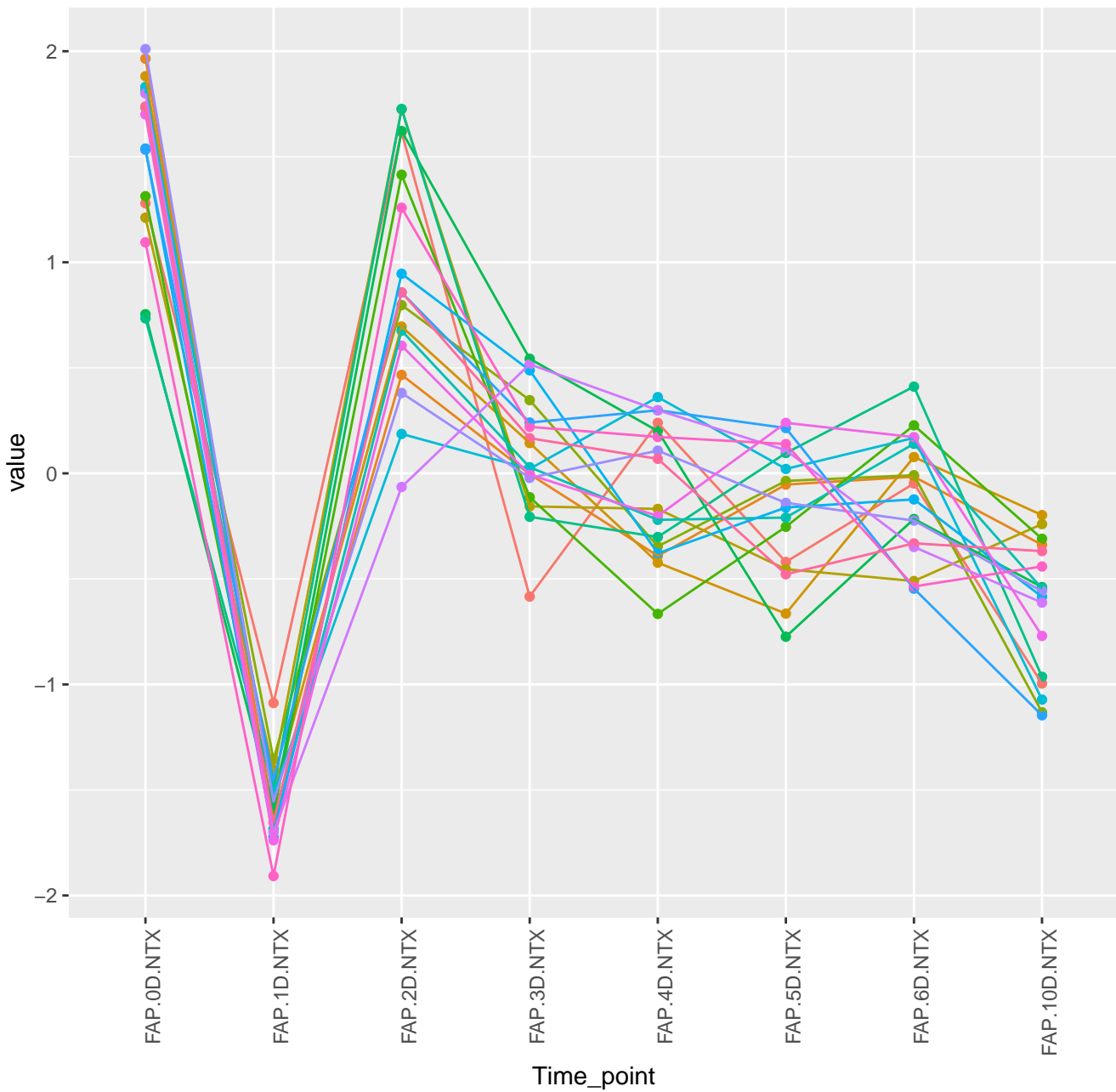
27 genes – cluster 373



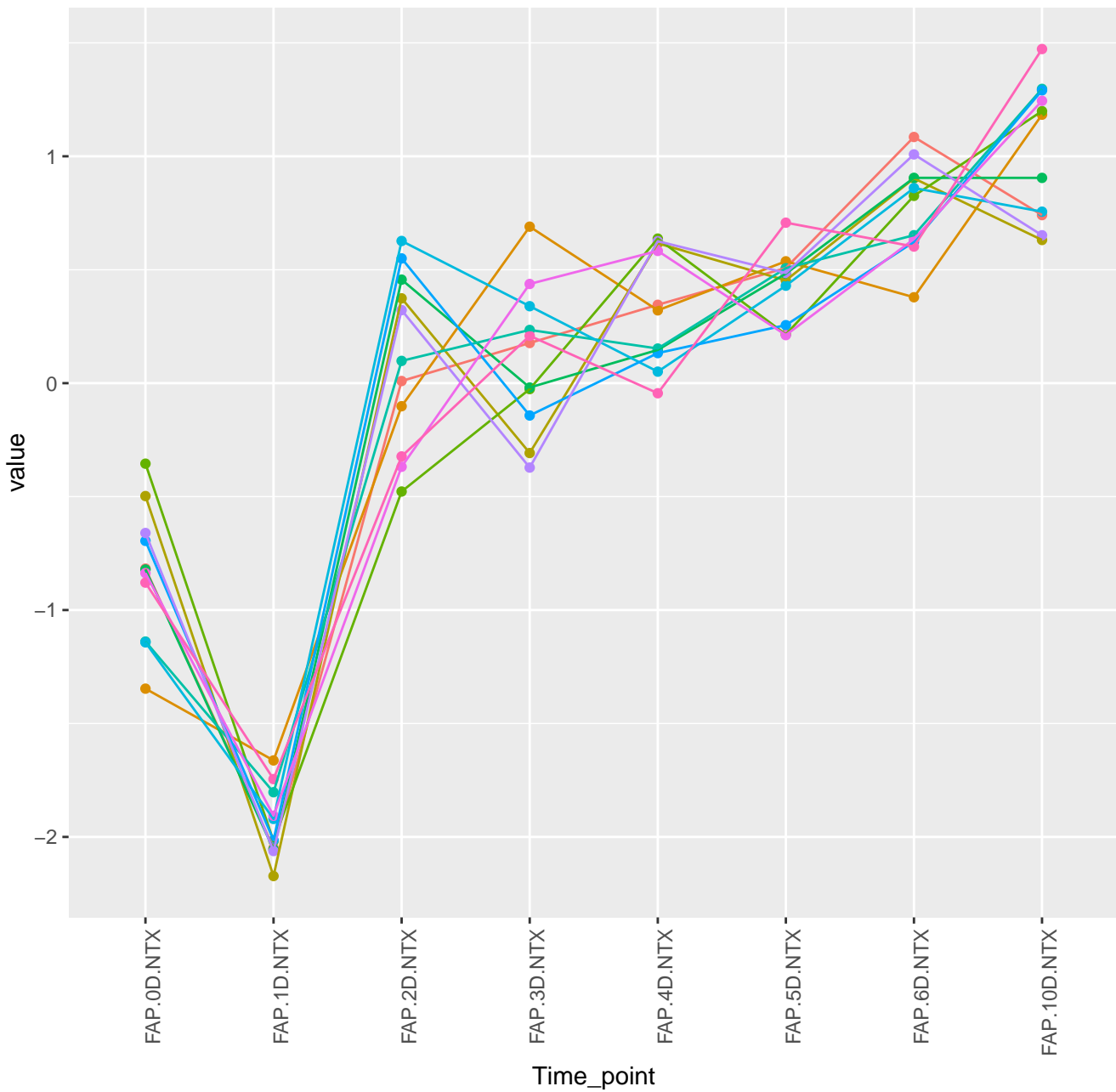
8 genes – cluster 374



17 genes – cluster 375

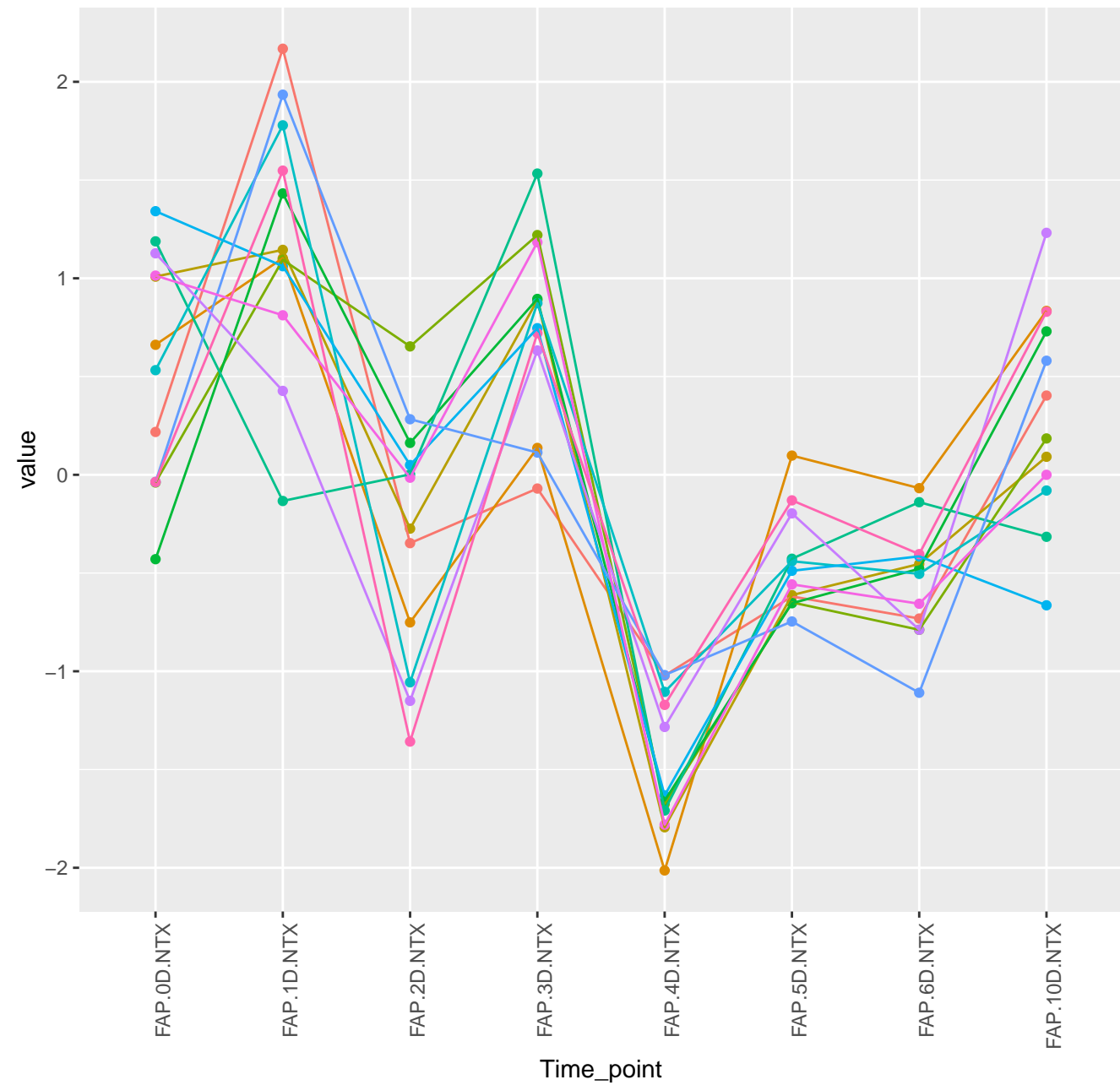


11 genes – cluster 376

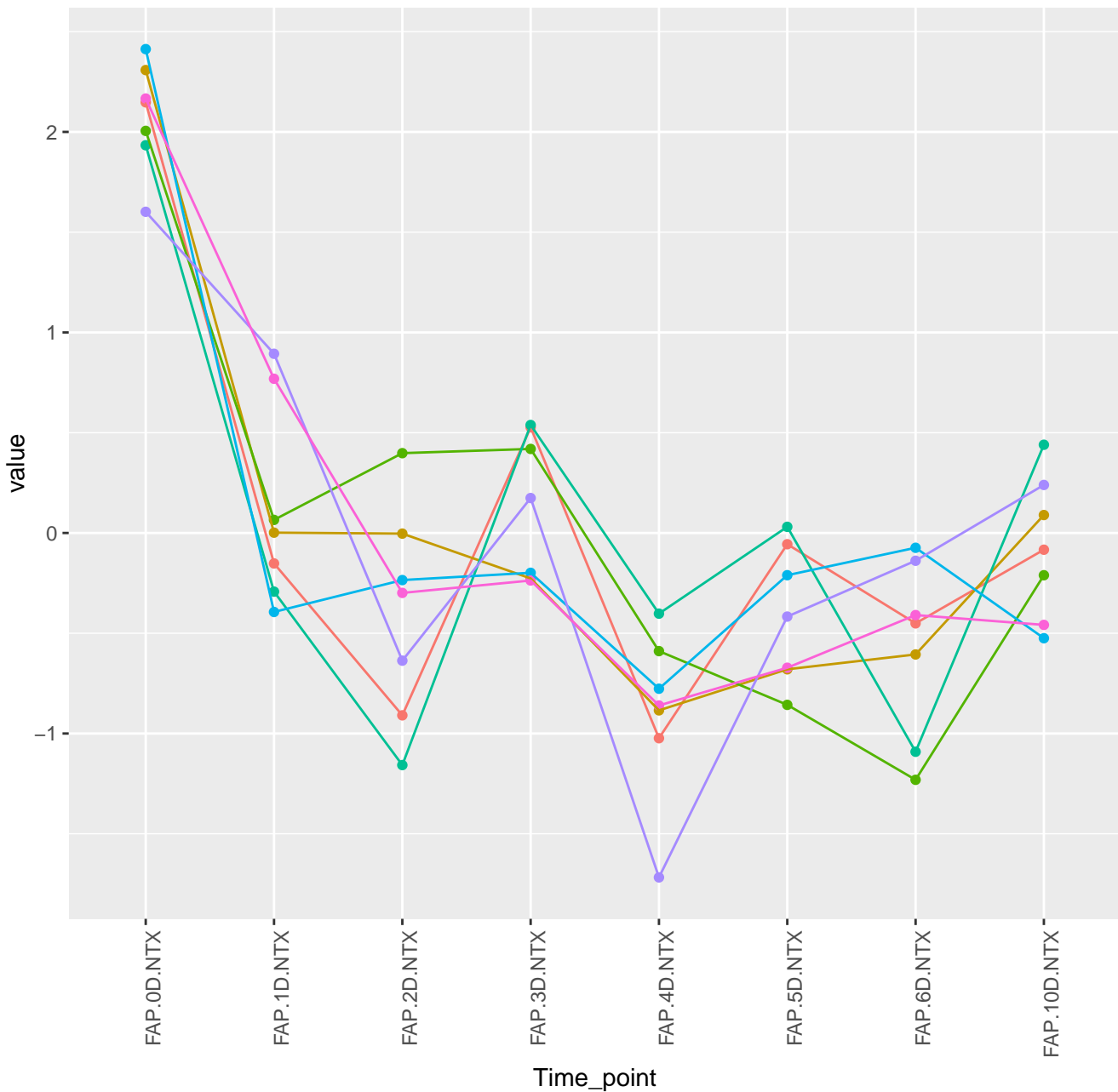




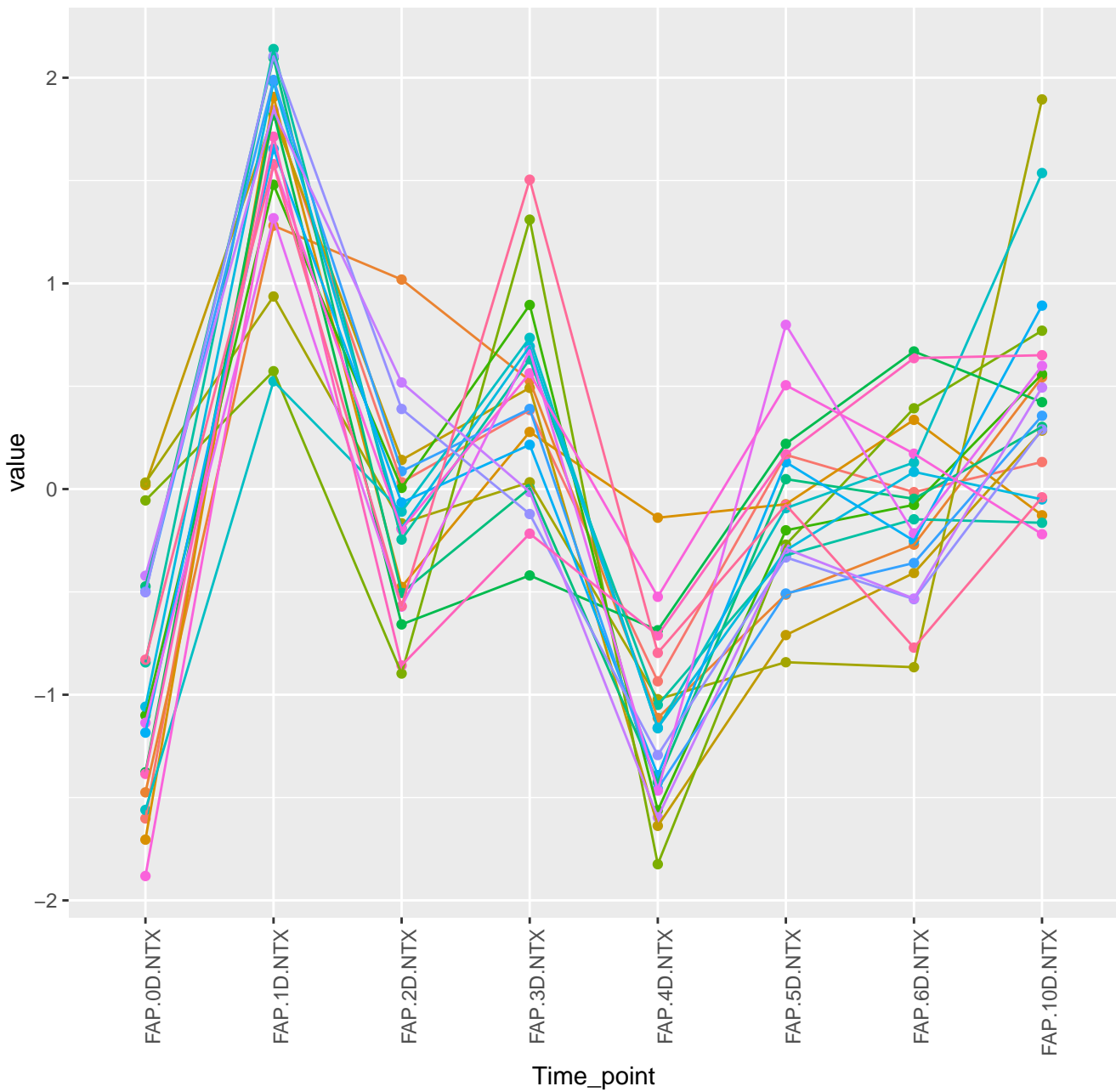
12 genes – cluster 377



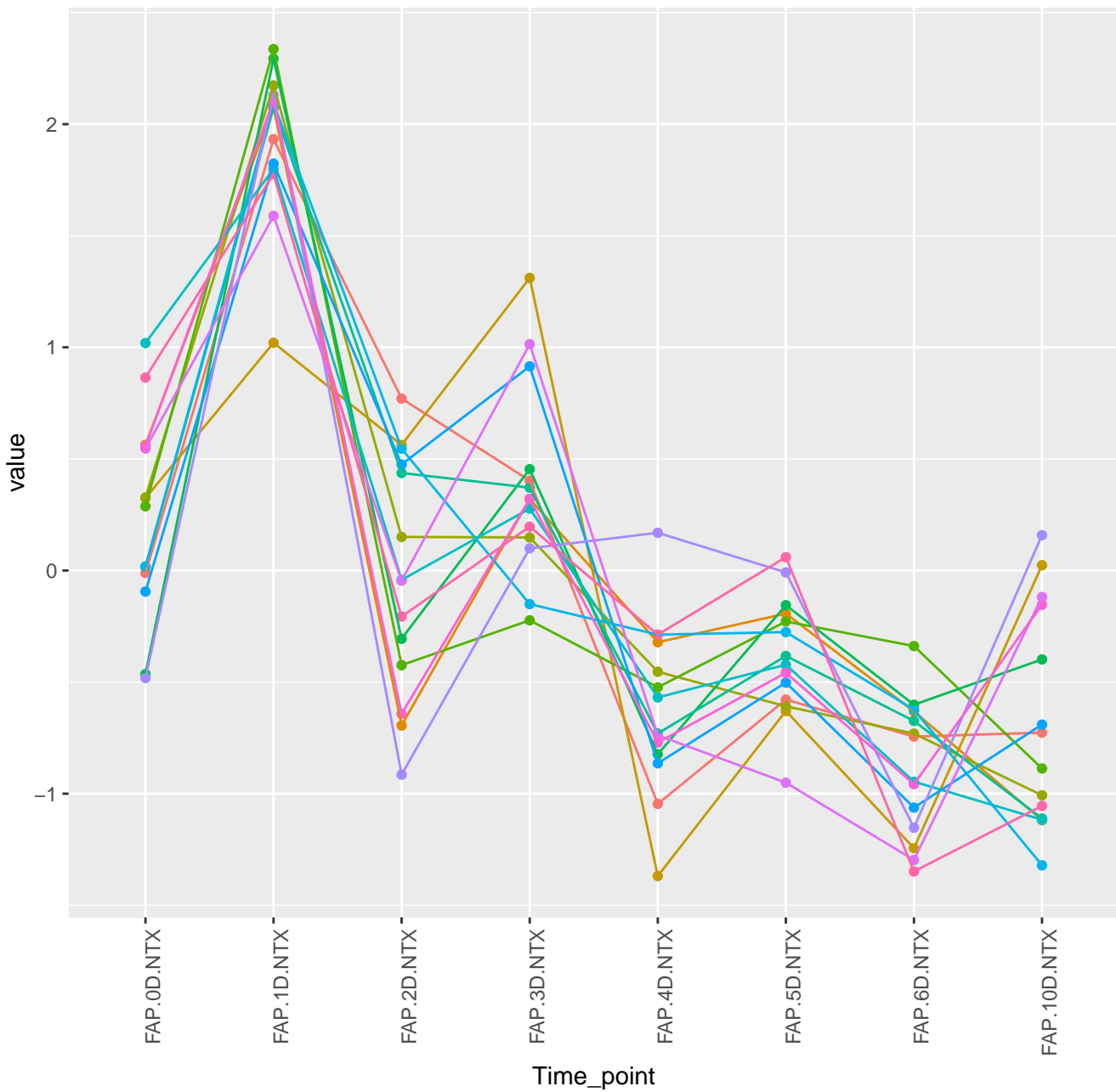
7 genes – cluster 378



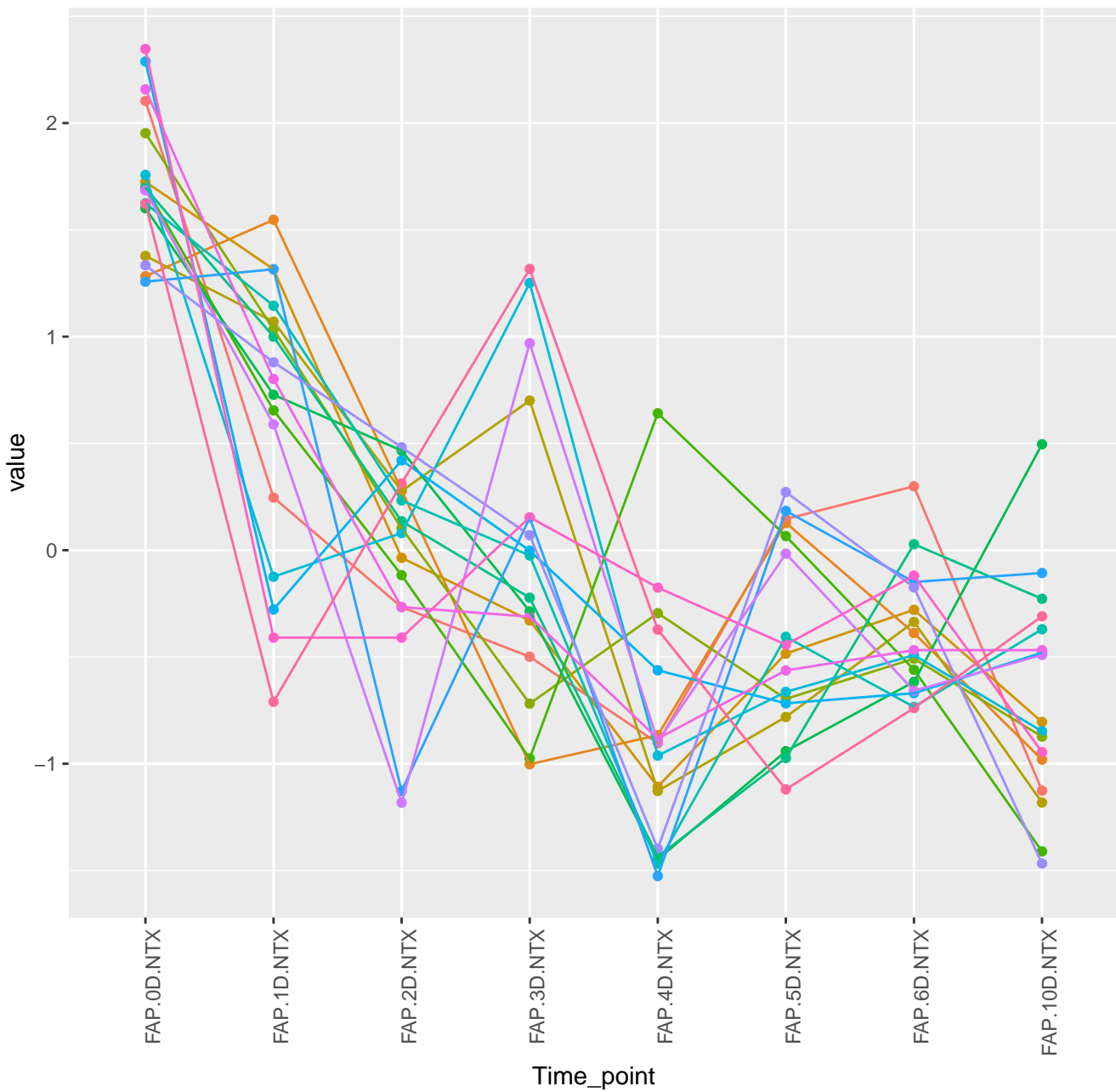
20 genes – cluster 379



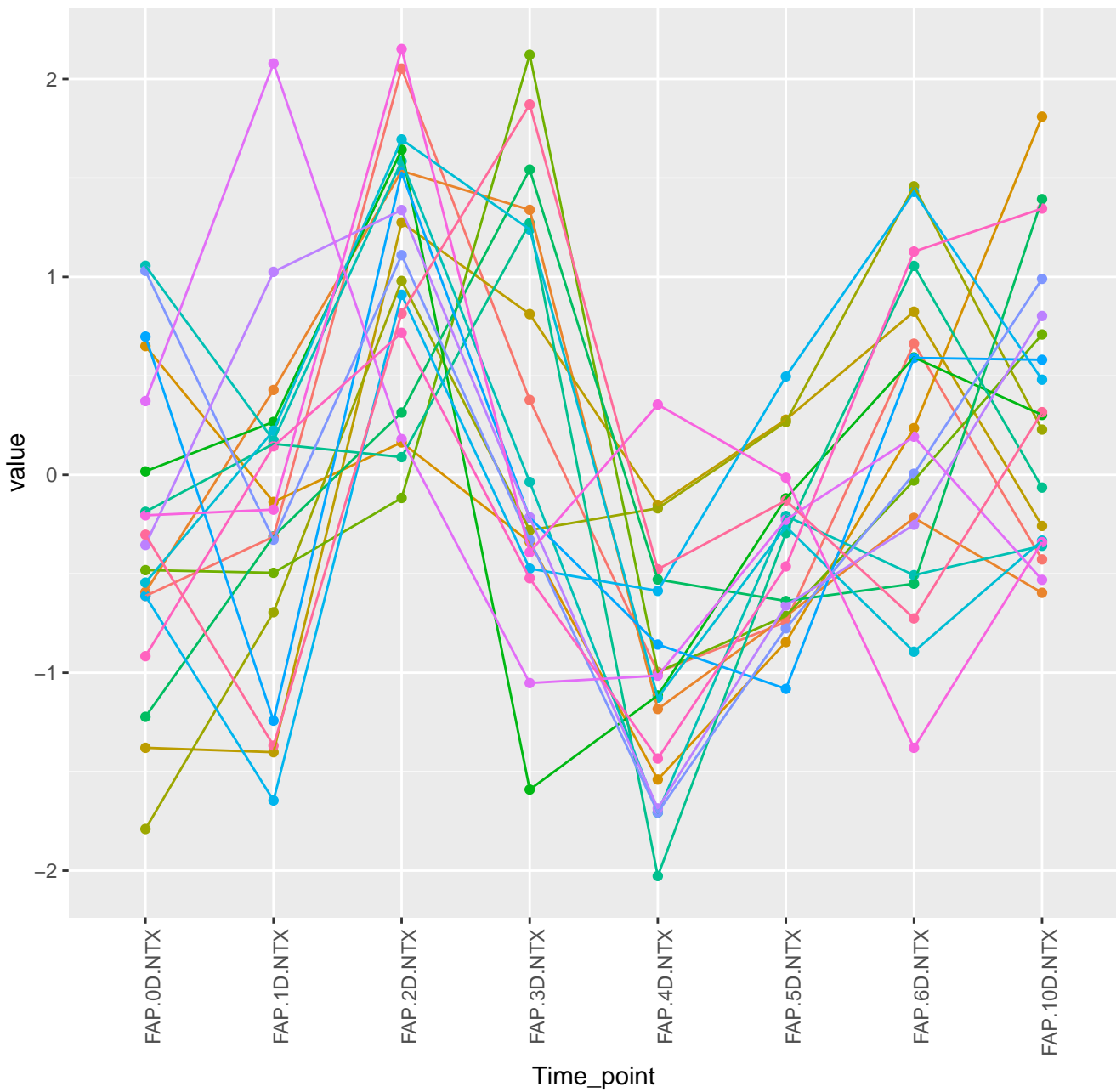
14 genes – cluster 380



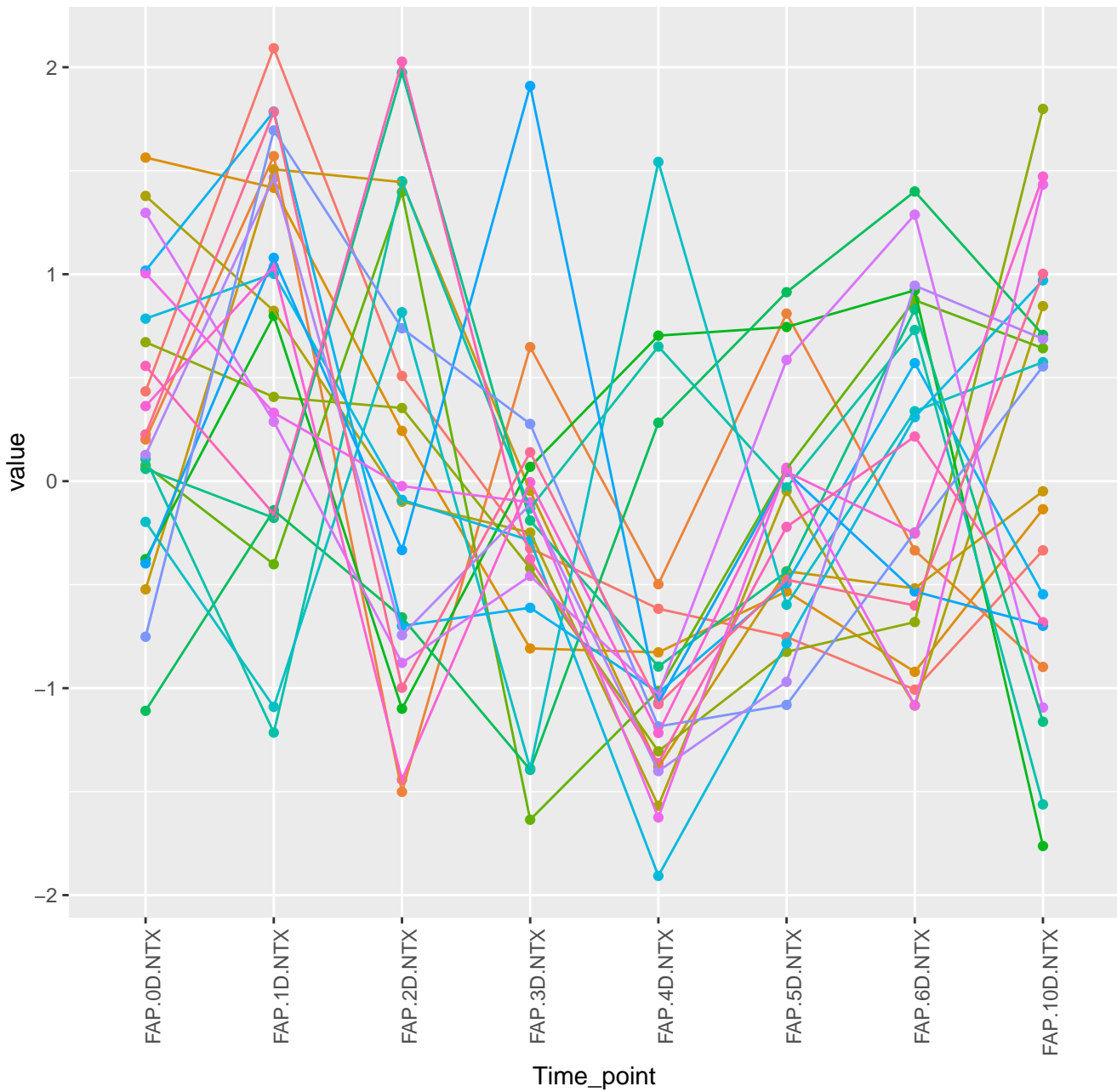
17 genes – cluster 381



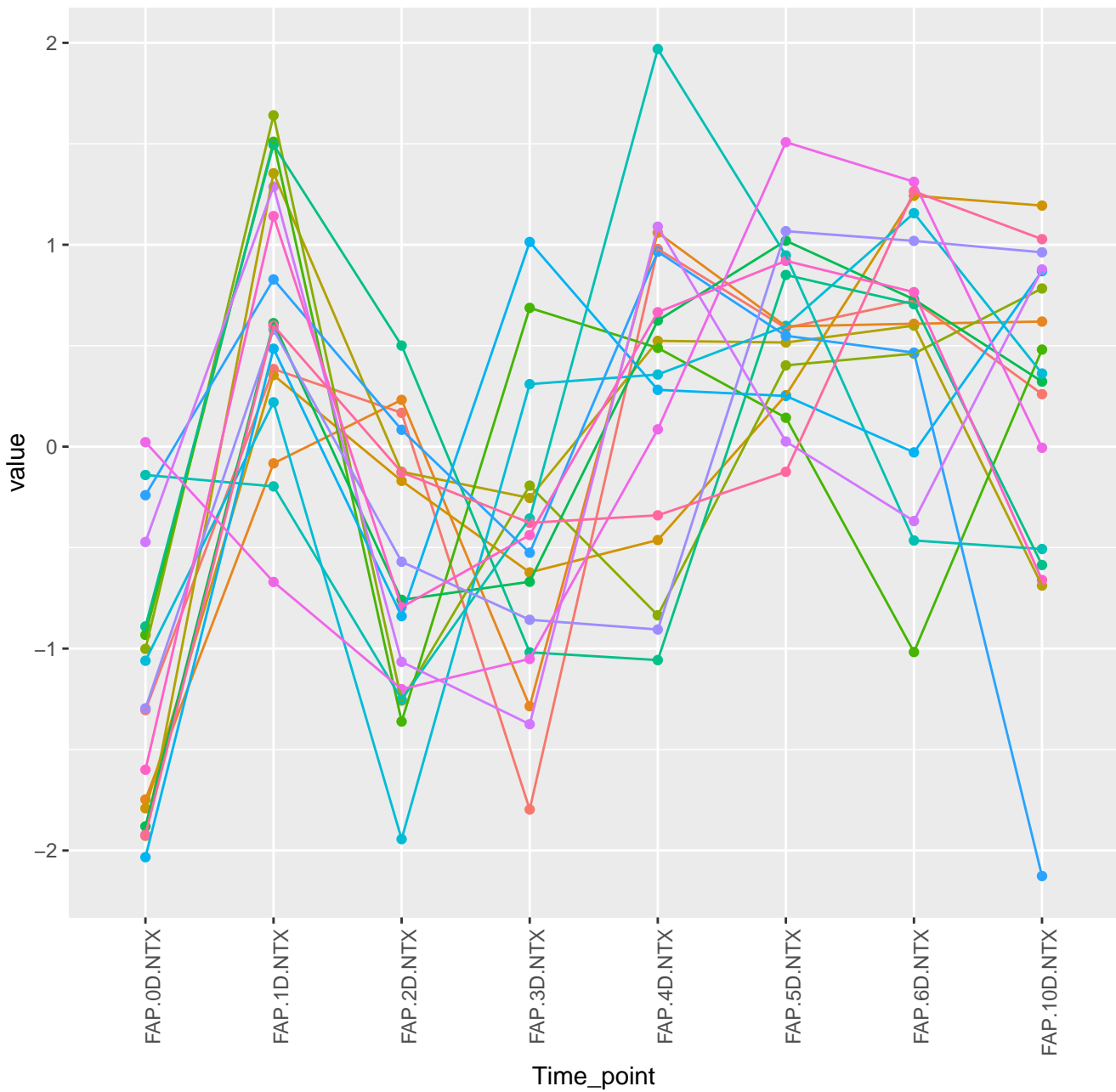
19 genes – cluster 382



22 genes – cluster 383

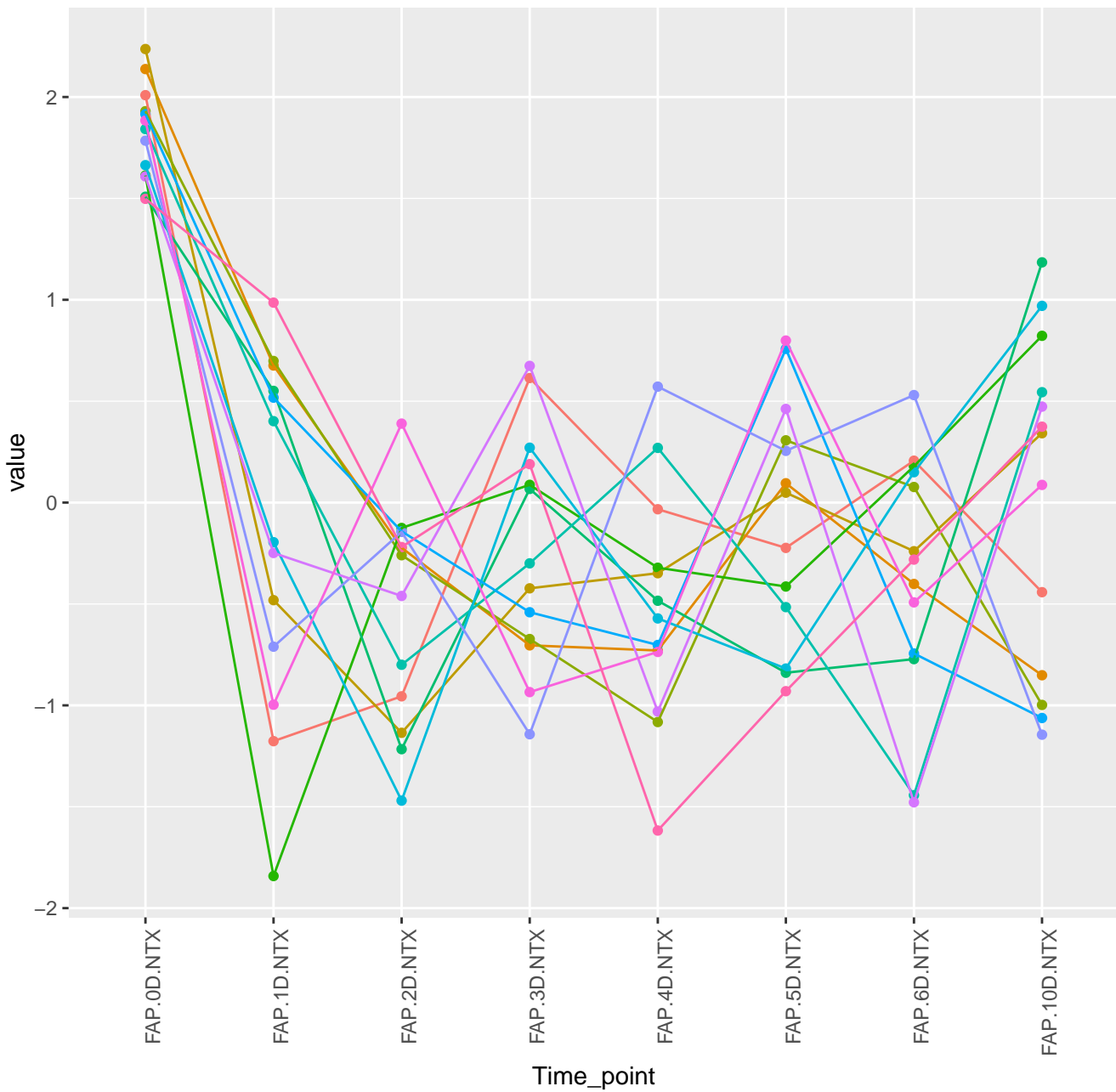


17 genes – cluster 384

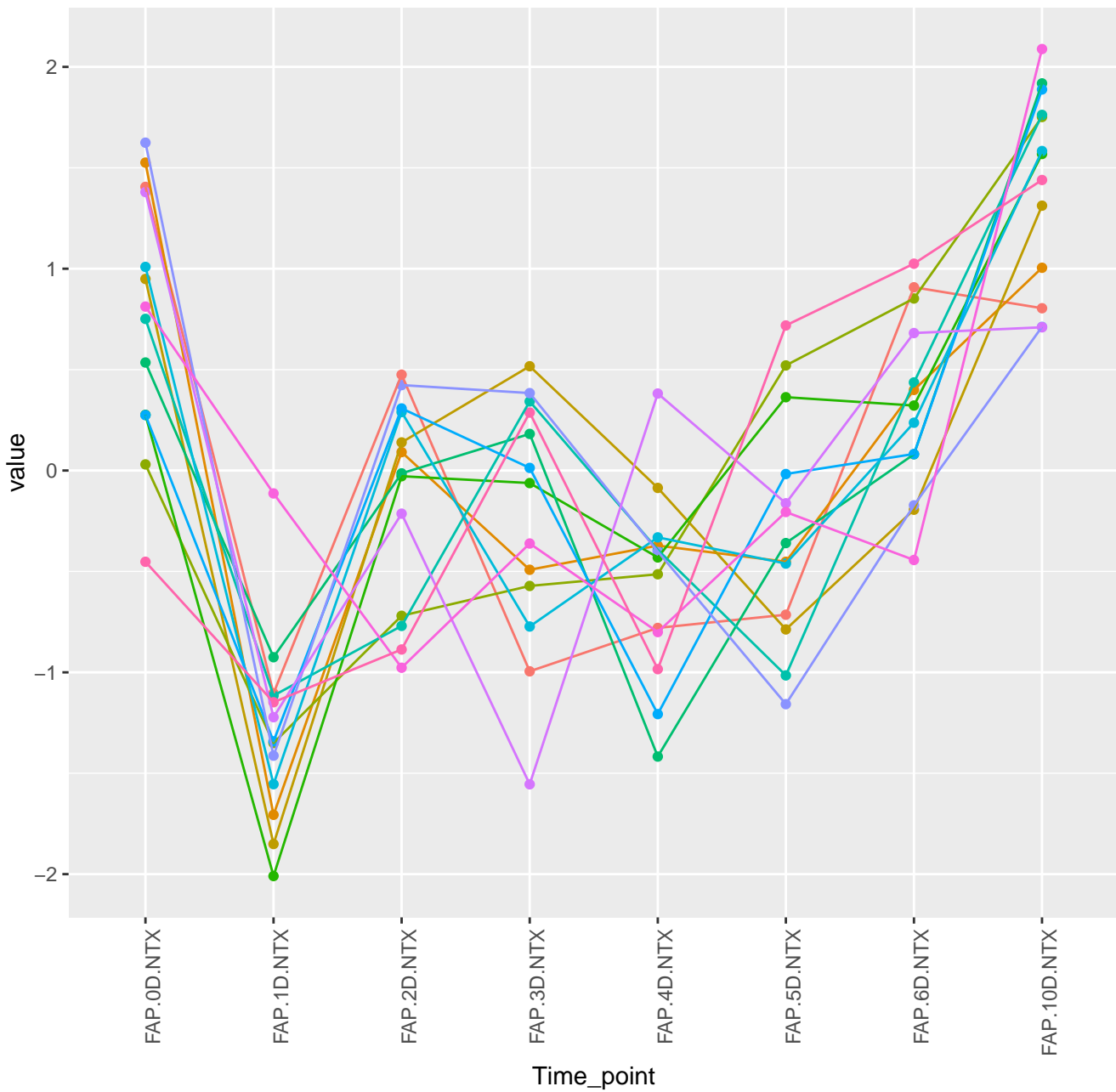




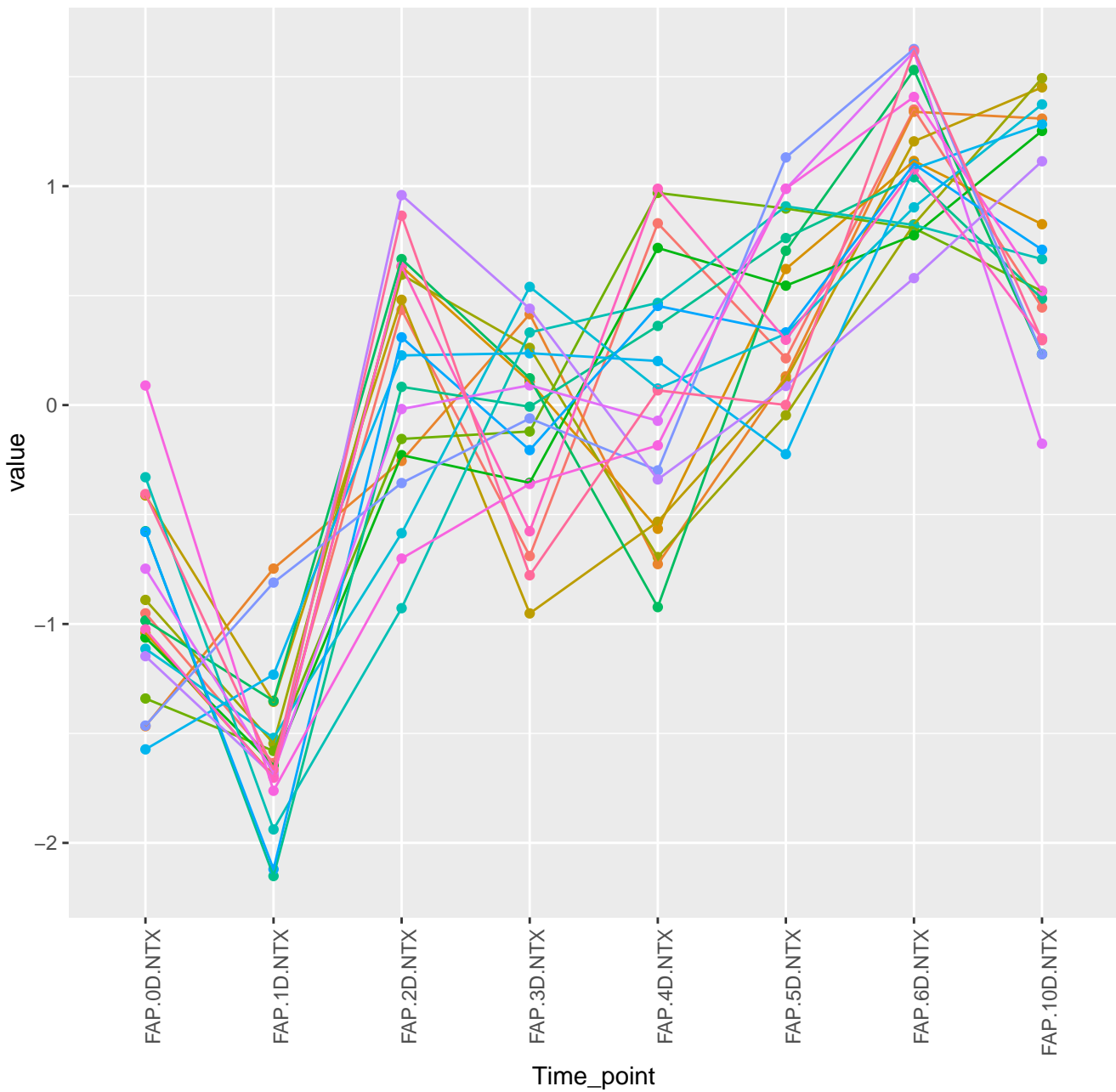
13 genes – cluster 385



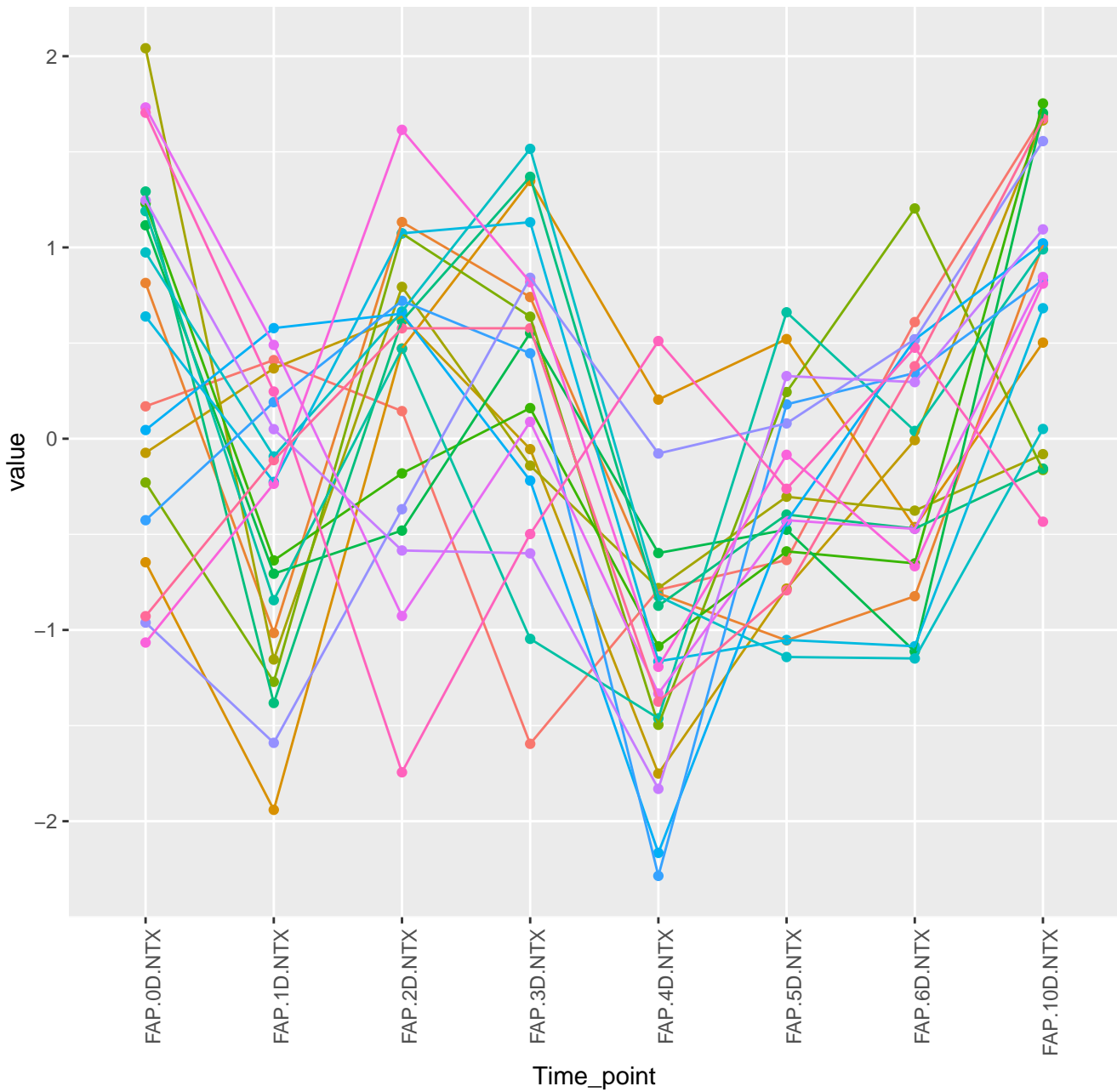
13 genes – cluster 386



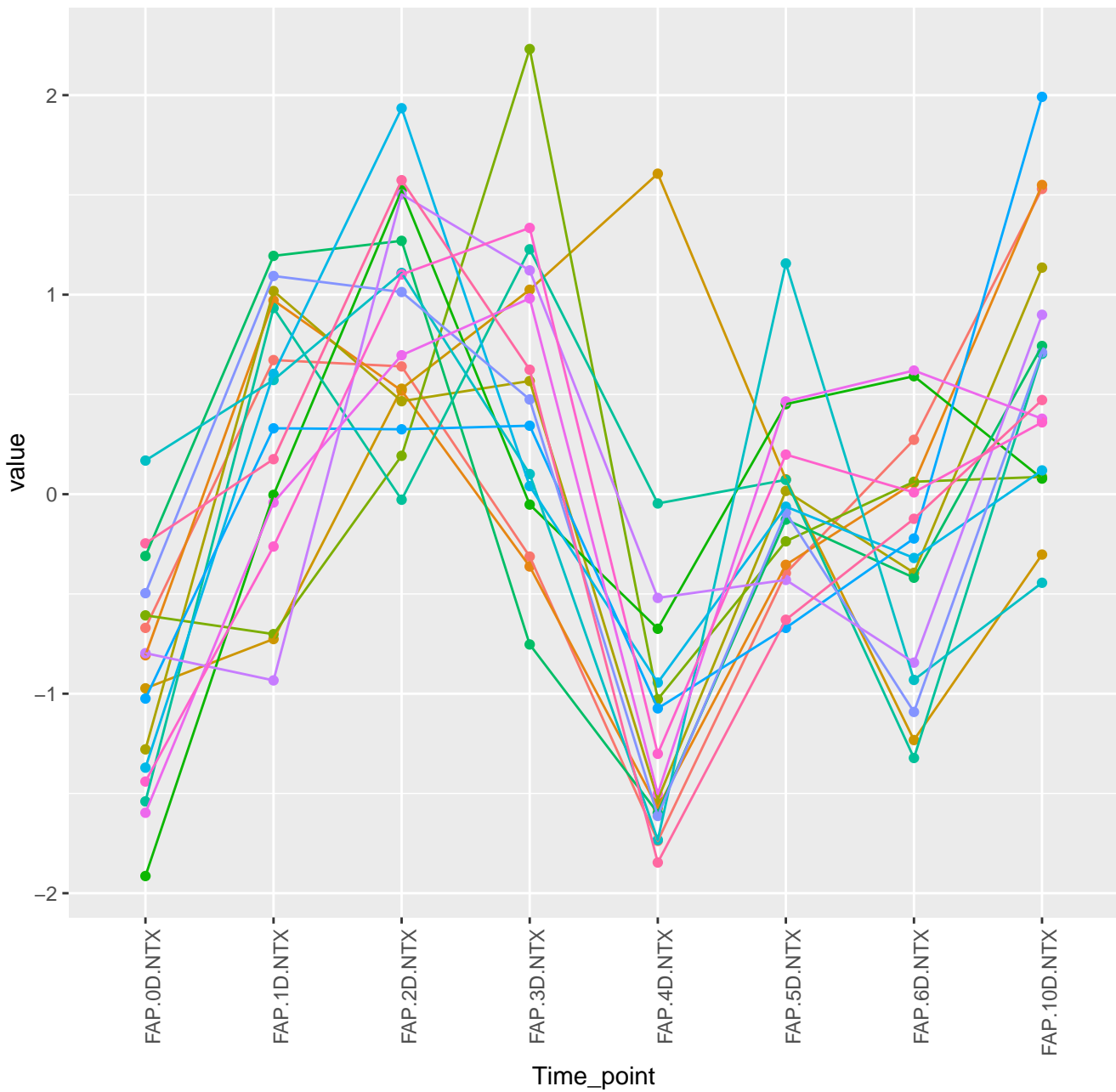
19 genes – cluster 387



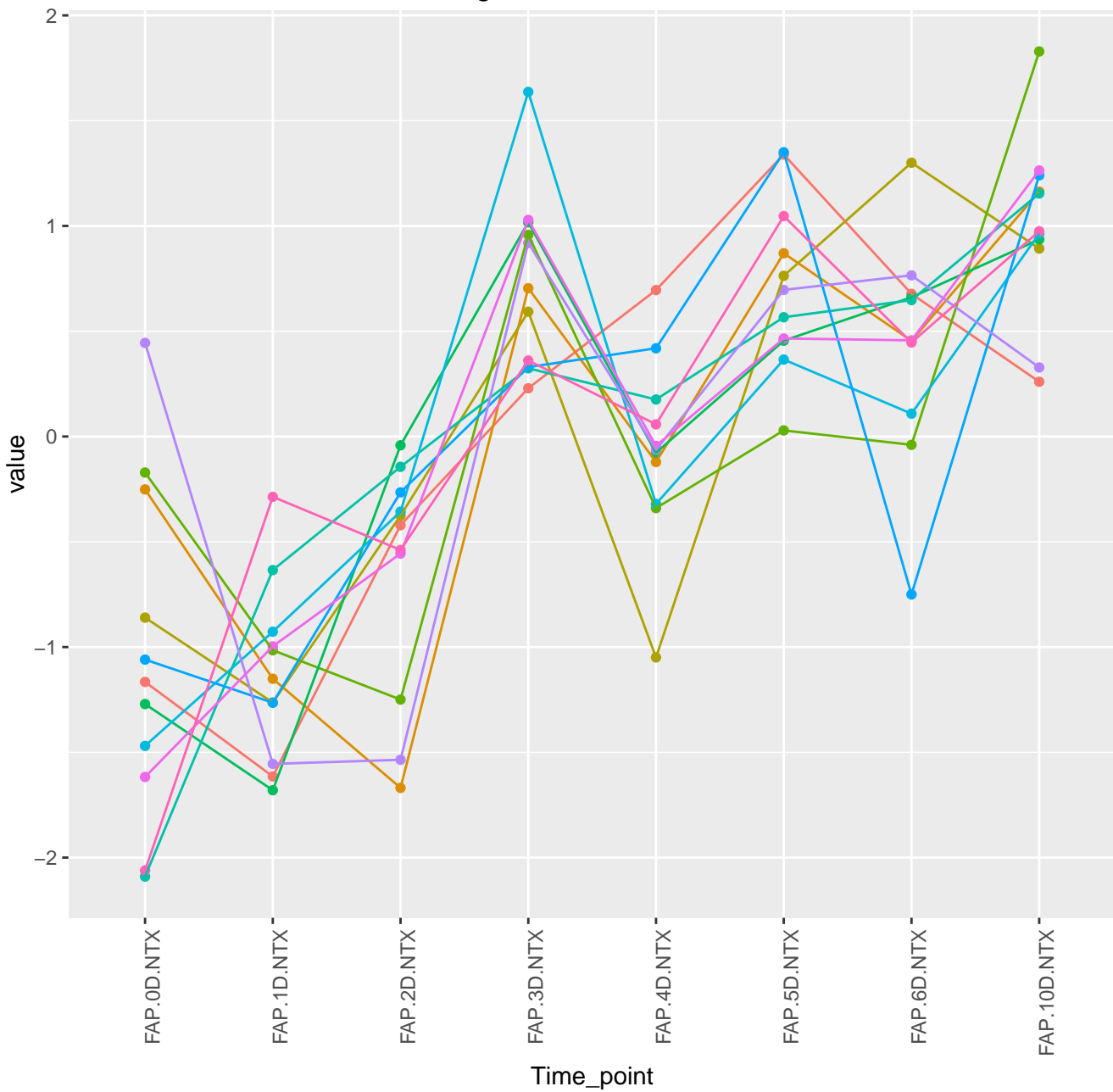
20 genes – cluster 388



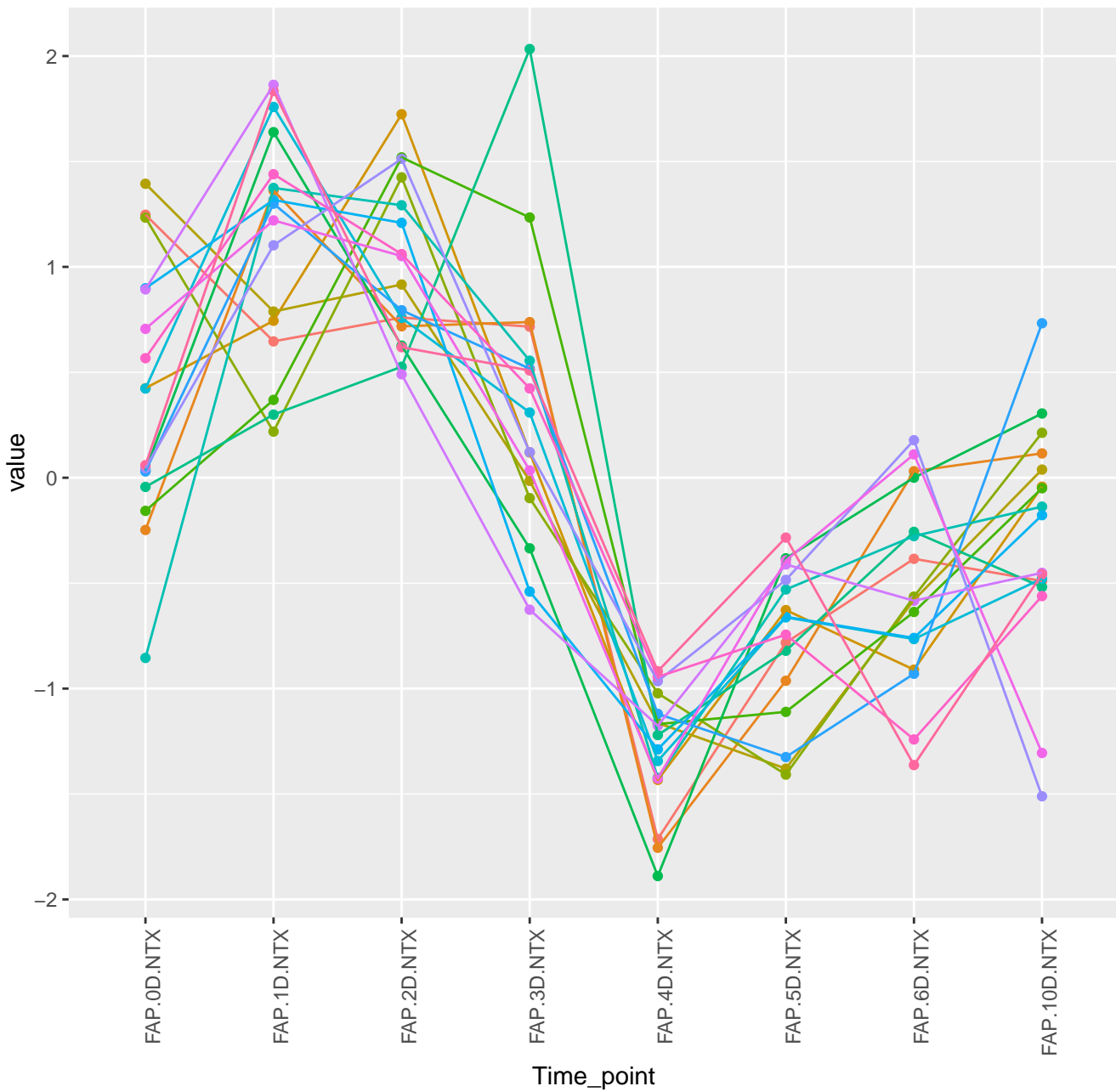
16 genes – cluster 389



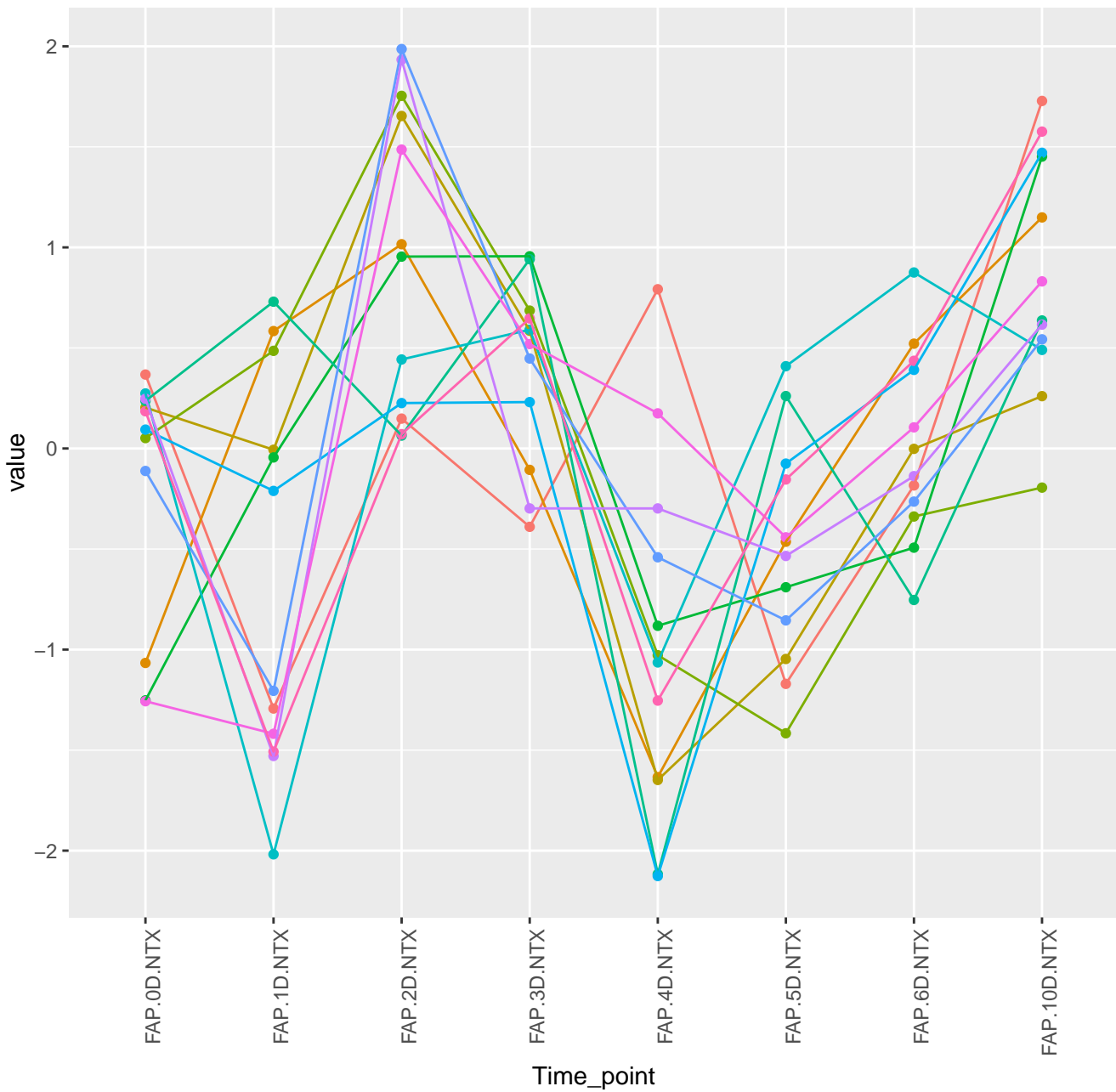
11 genes – cluster 390



17 genes – cluster 391

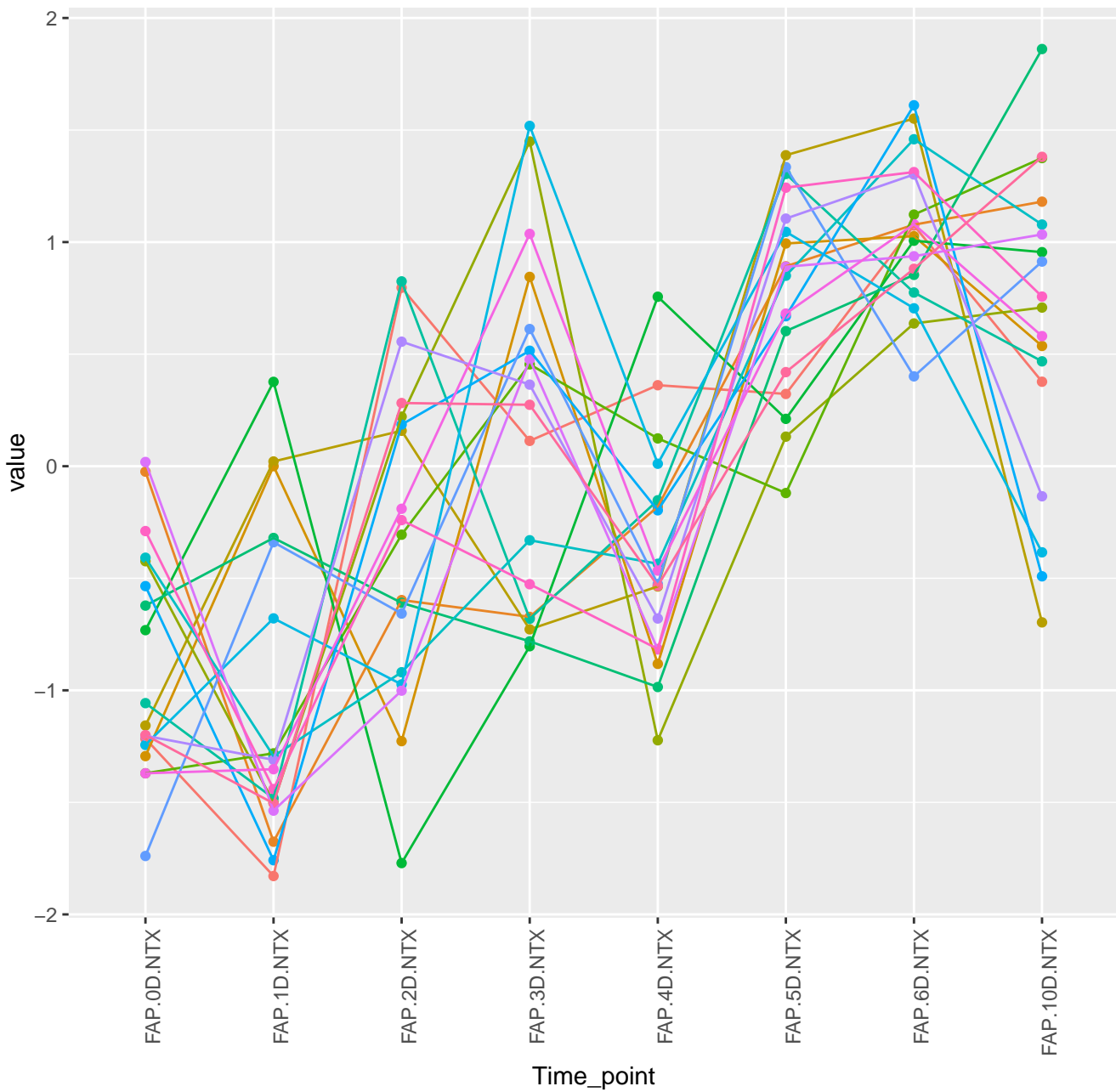


12 genes – cluster 392

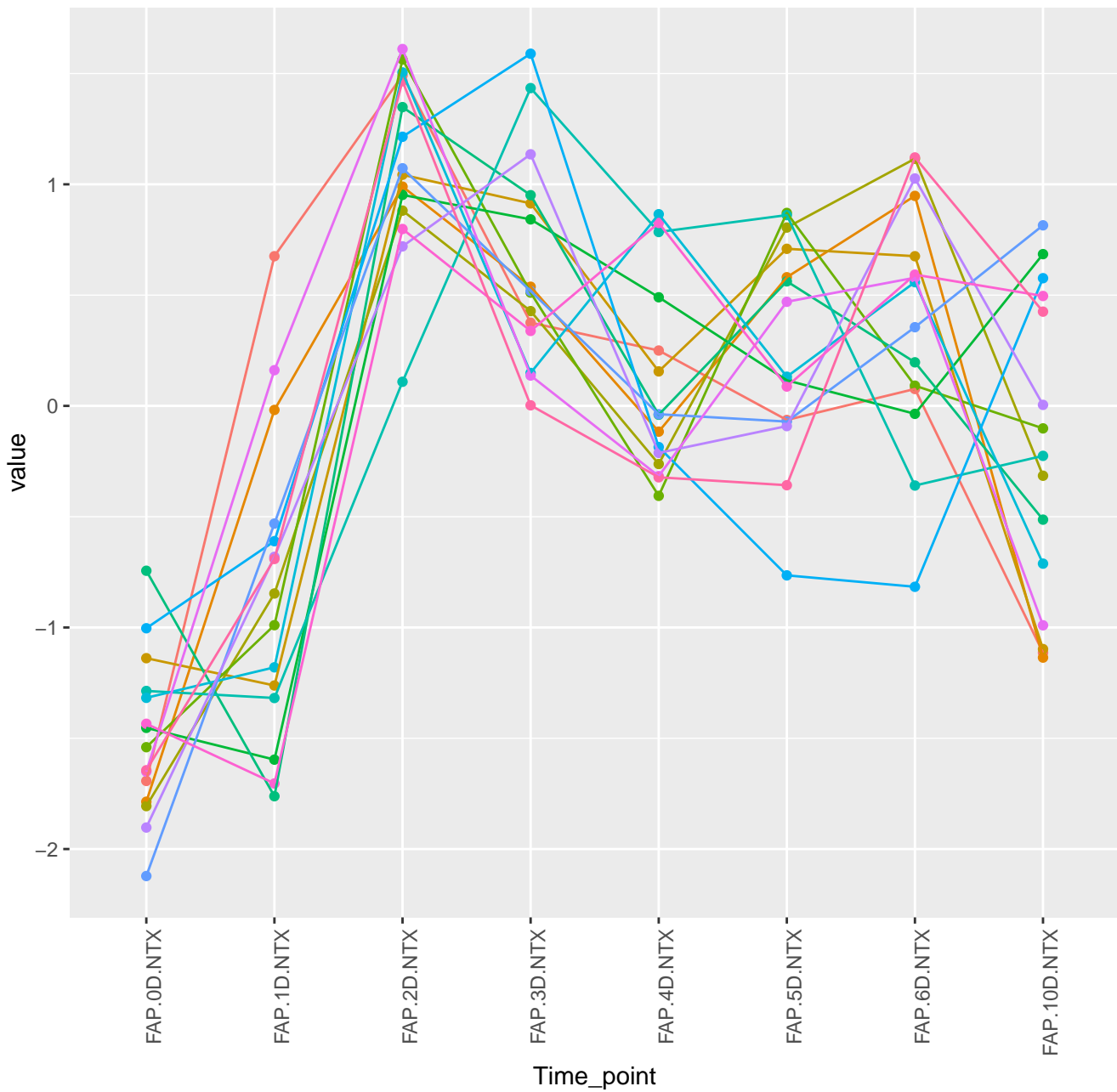




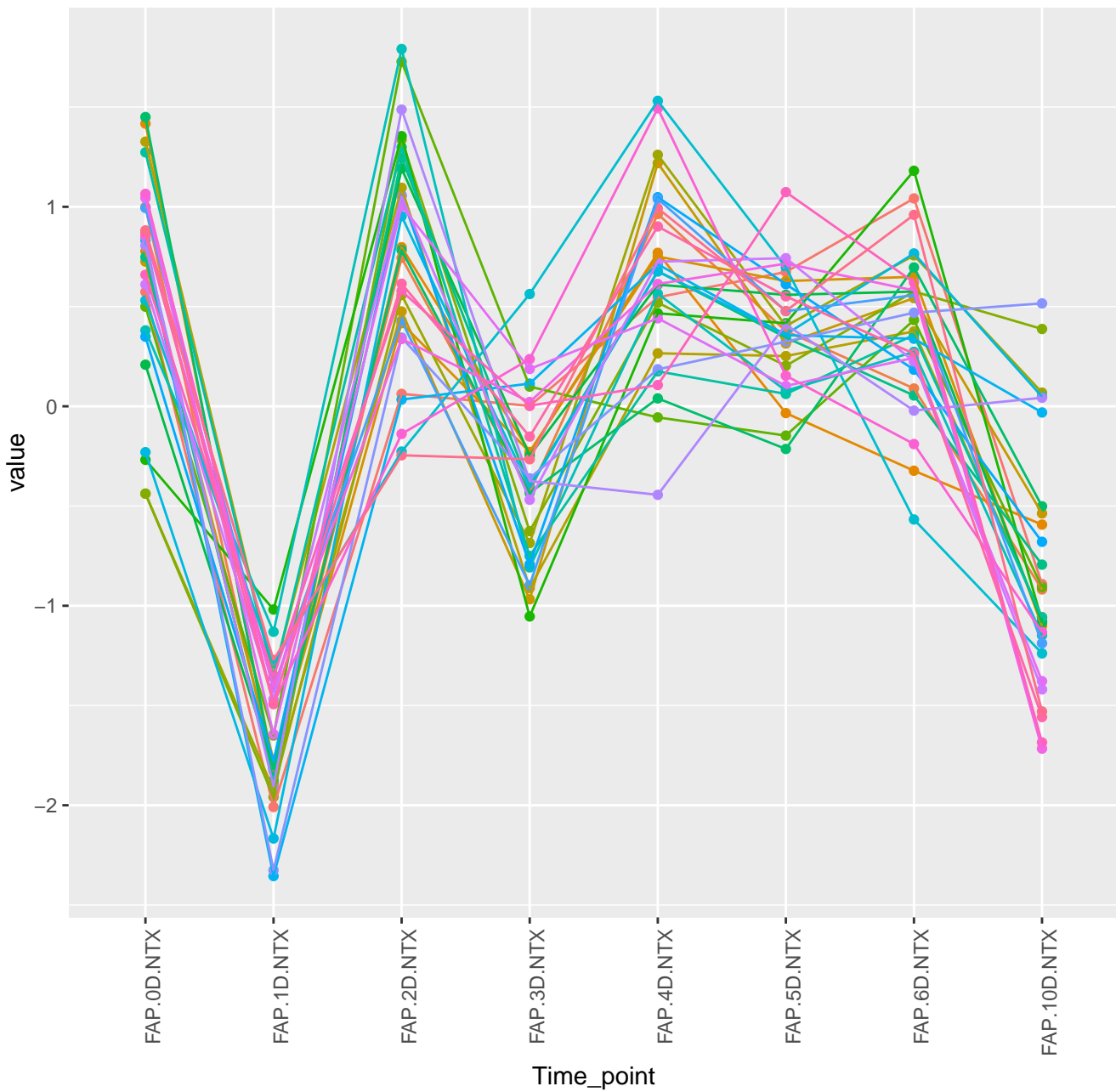
18 genes – cluster 393



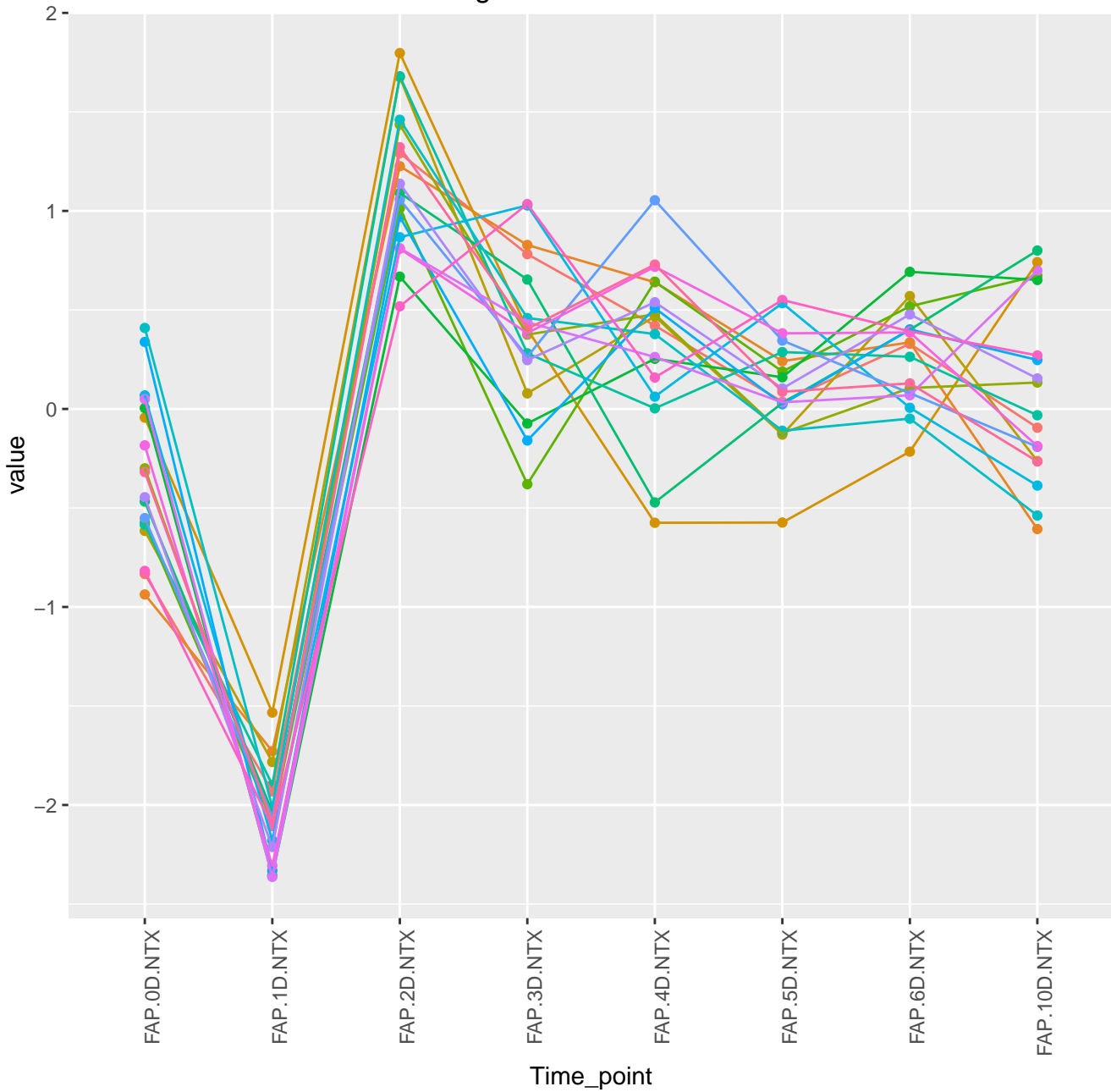
15 genes – cluster 394



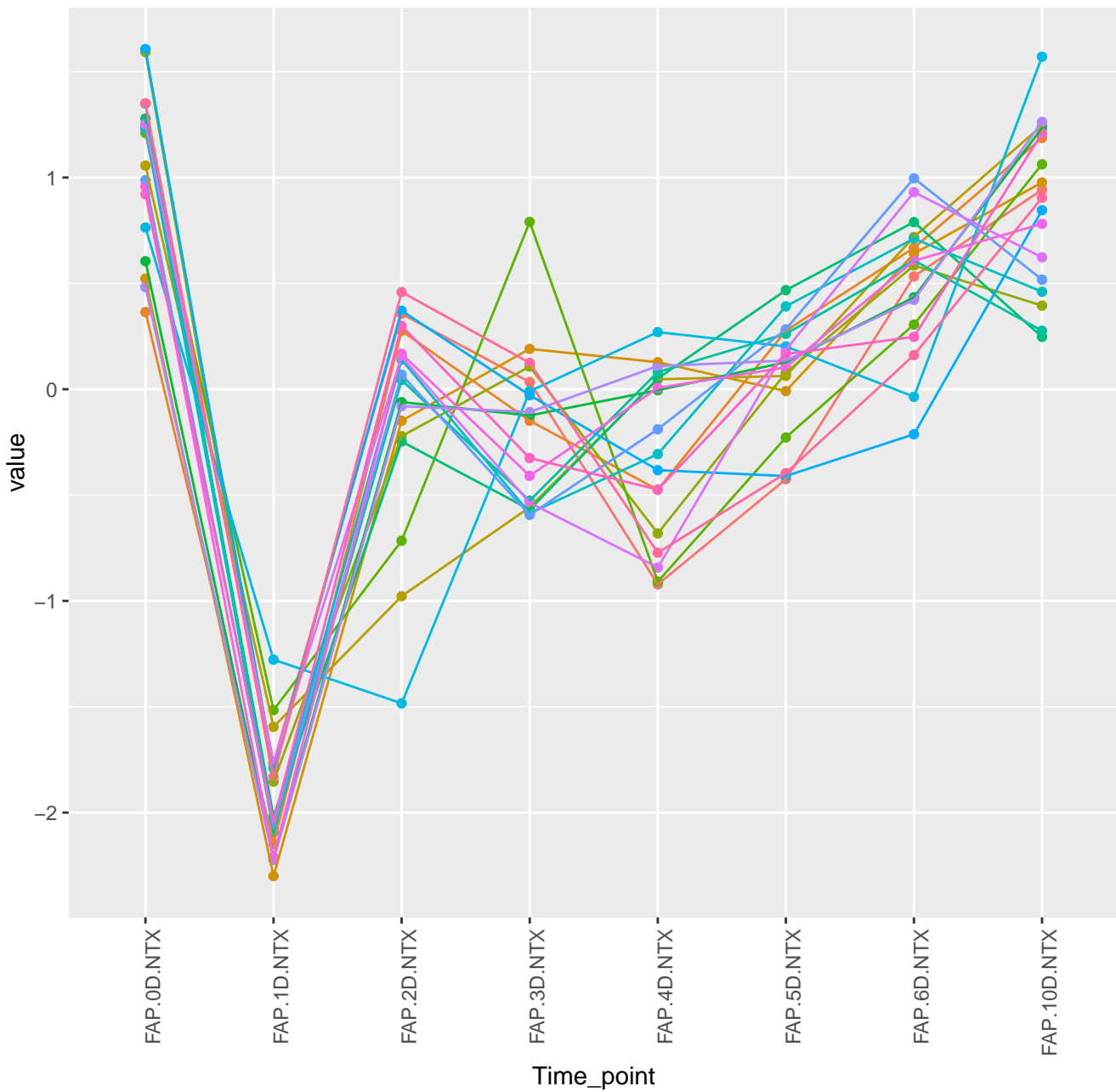
29 genes – cluster 395



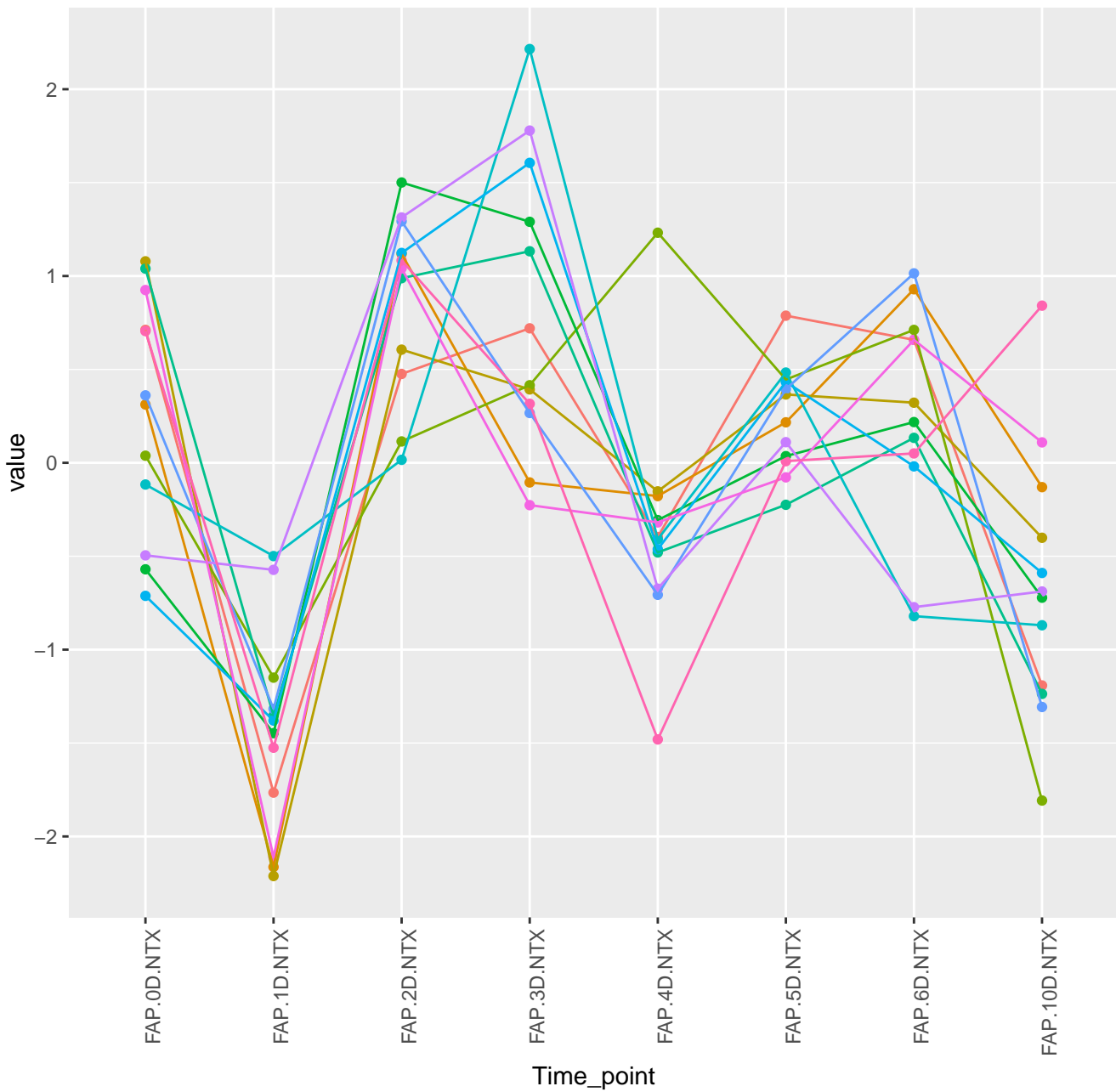
18 genes – cluster 396



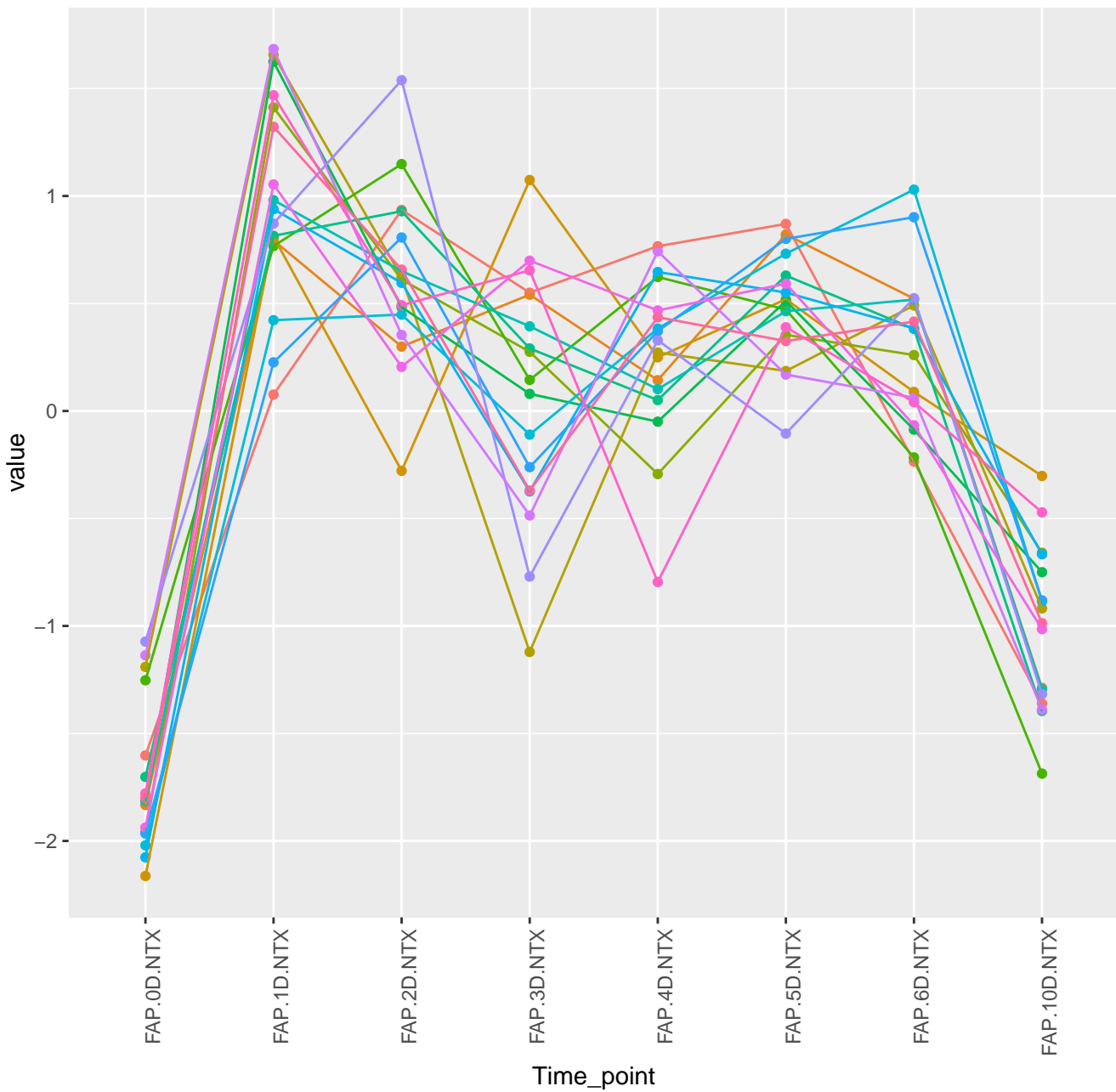
18 genes – cluster 397



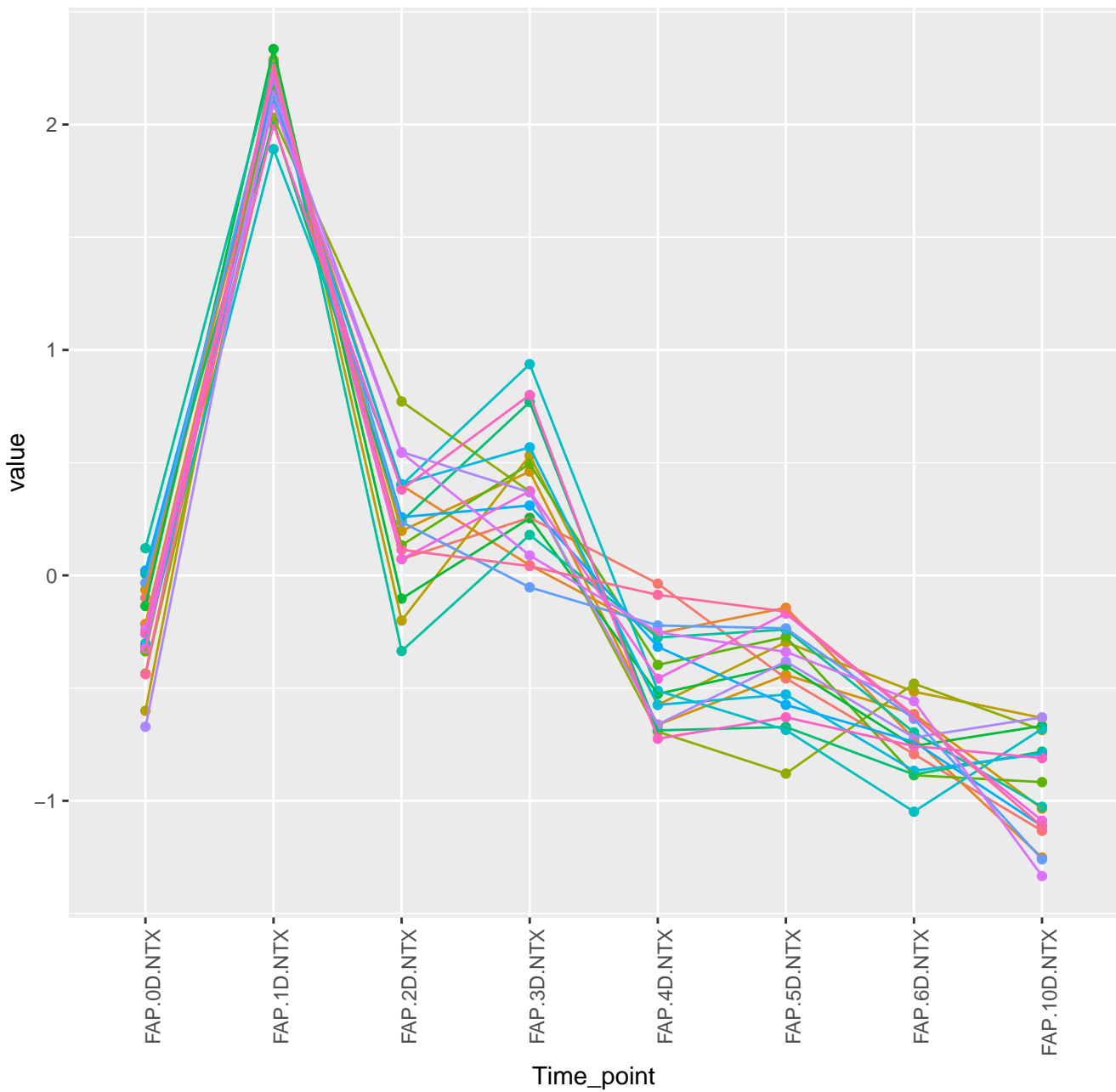
12 genes – cluster 398



17 genes – cluster 399

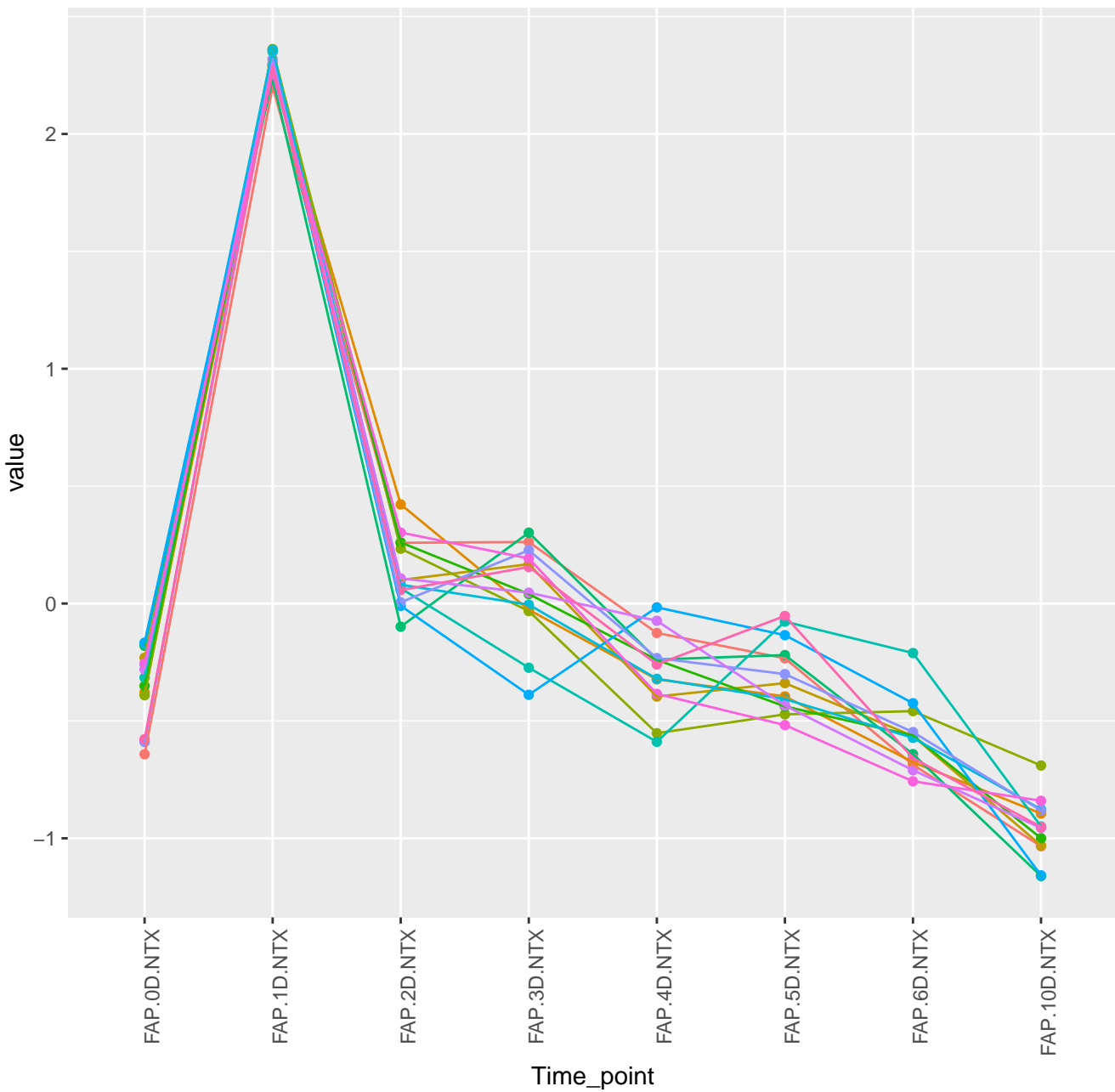


18 genes – cluster 400

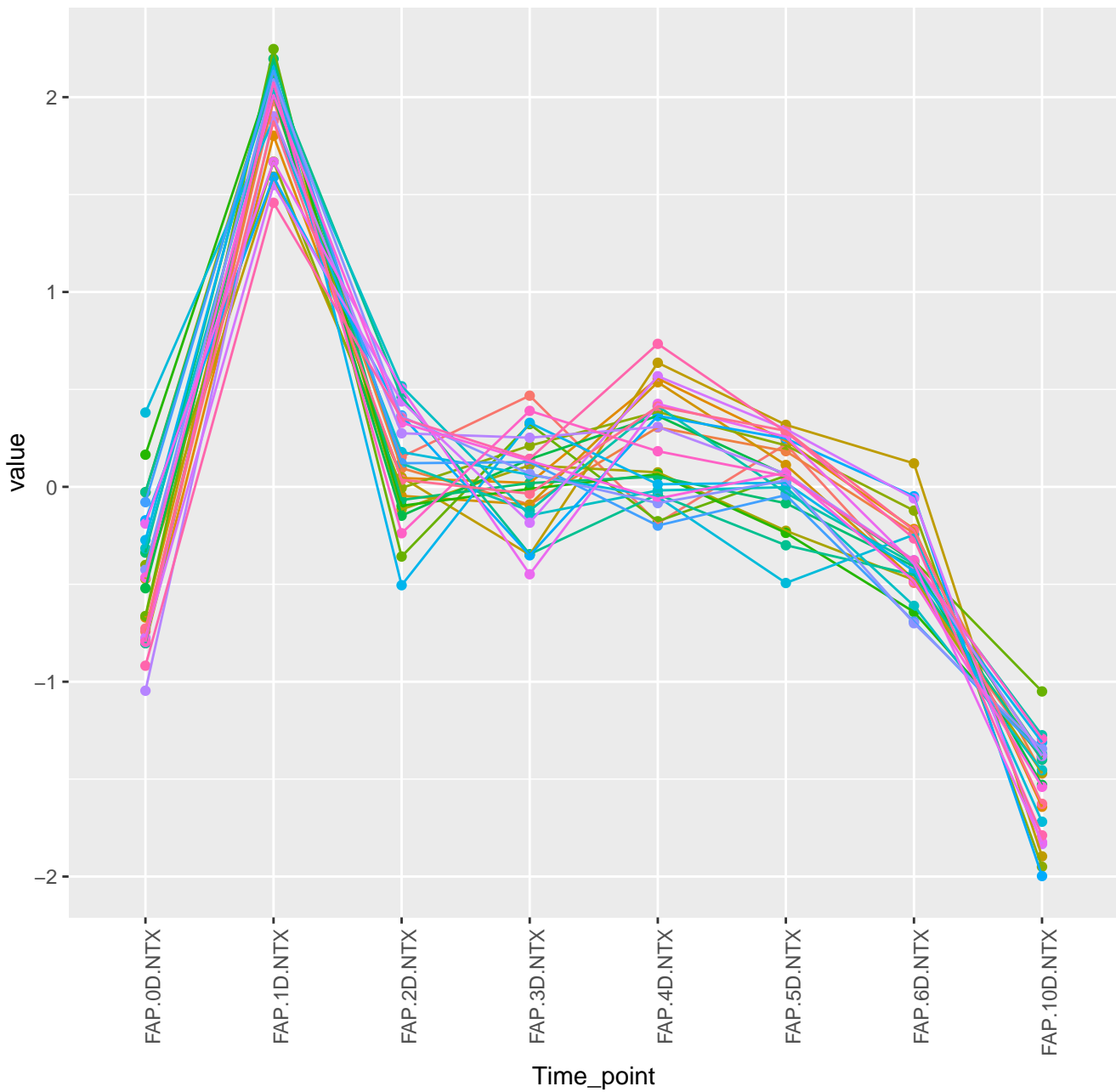




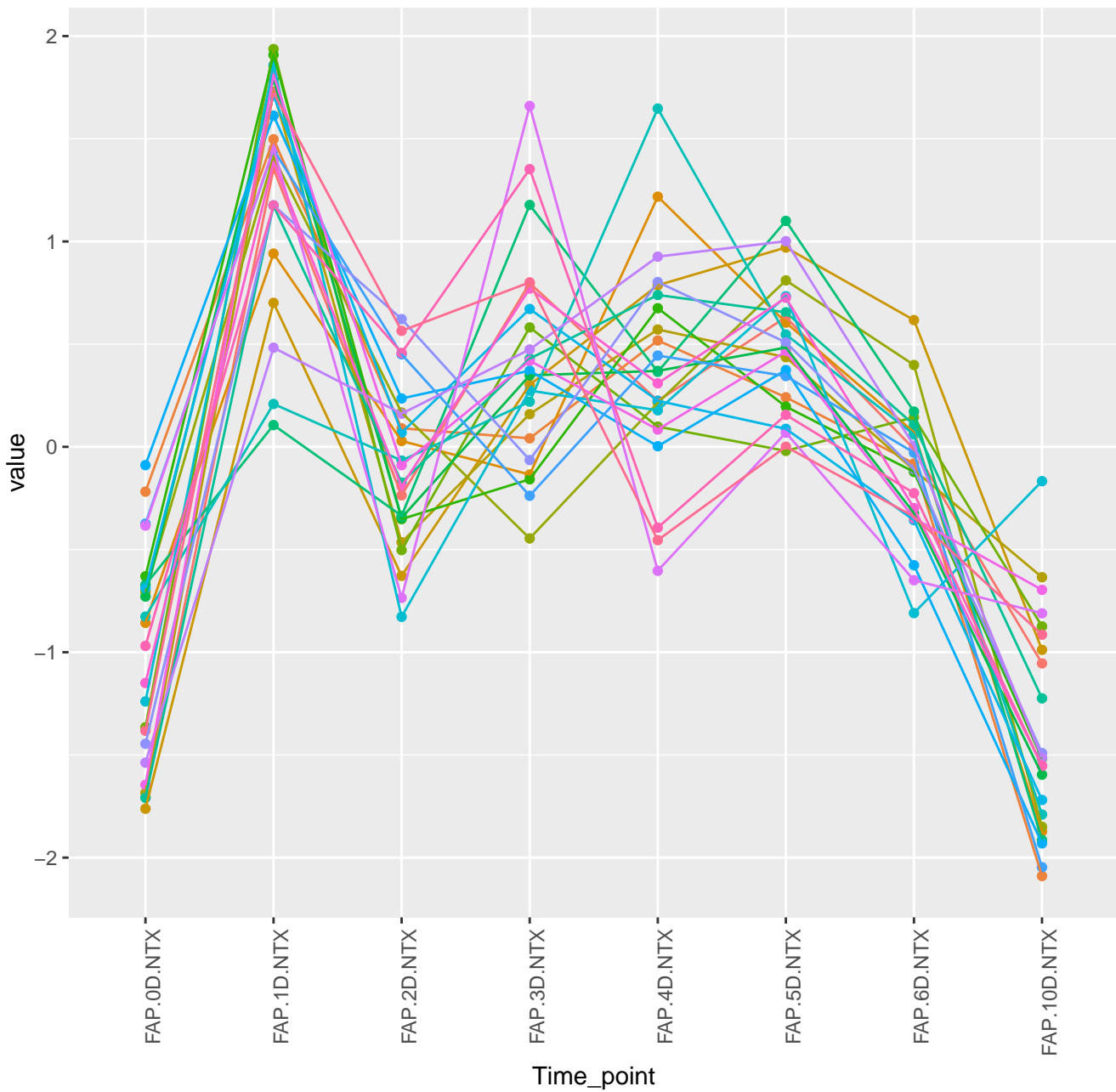
13 genes – cluster 401



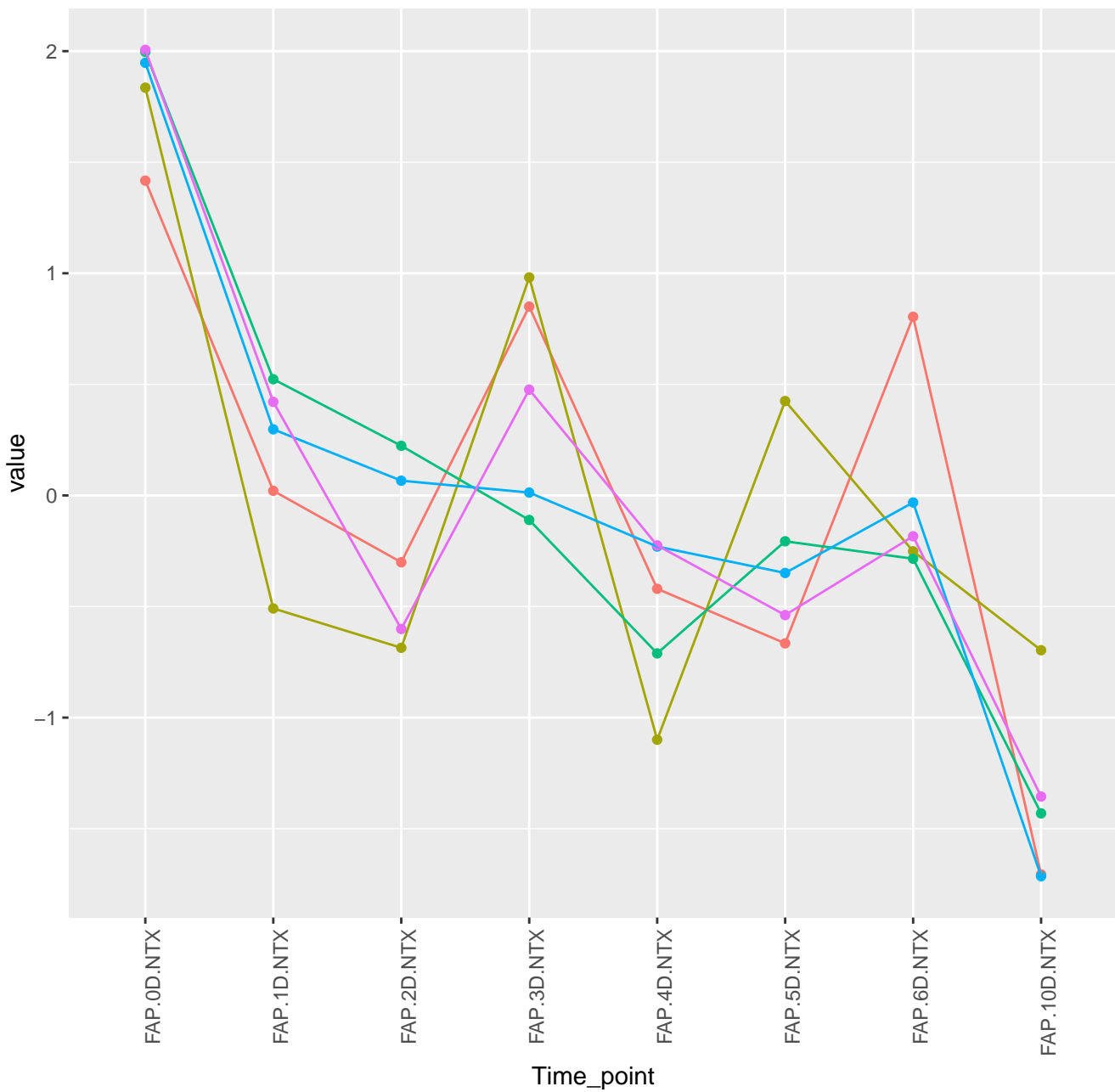
26 genes – cluster 402



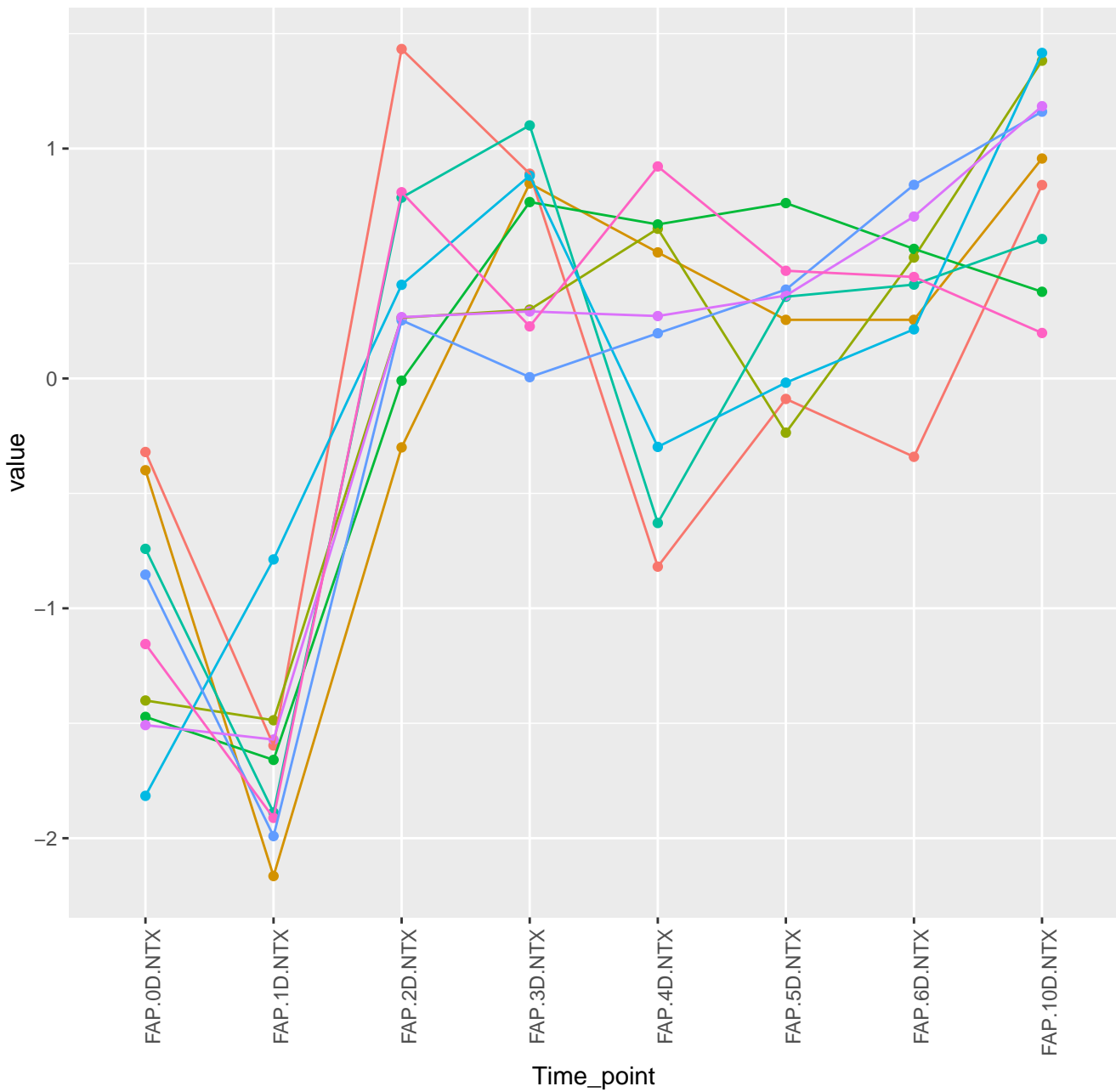
23 genes – cluster 403



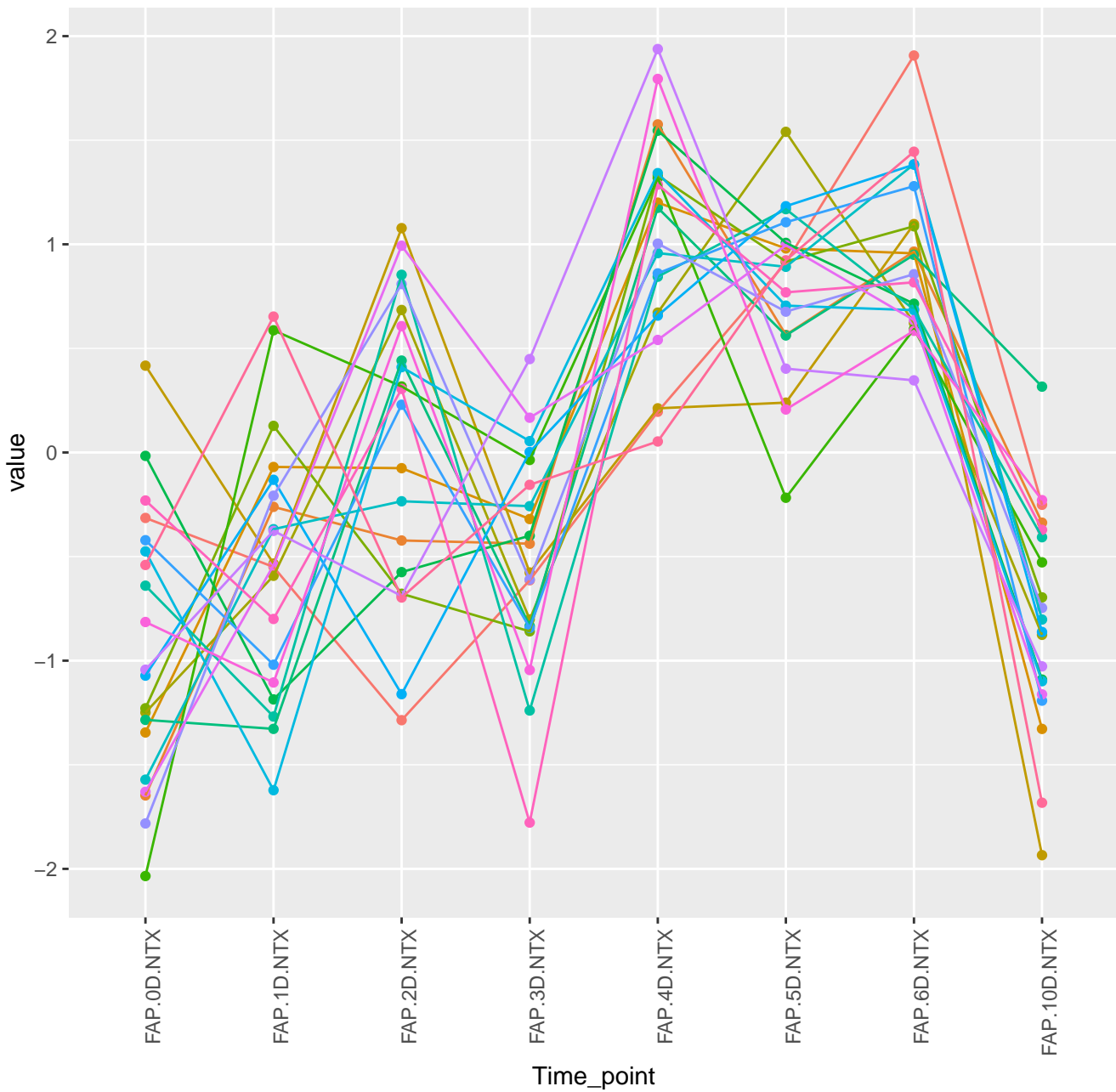
5 genes – cluster 404



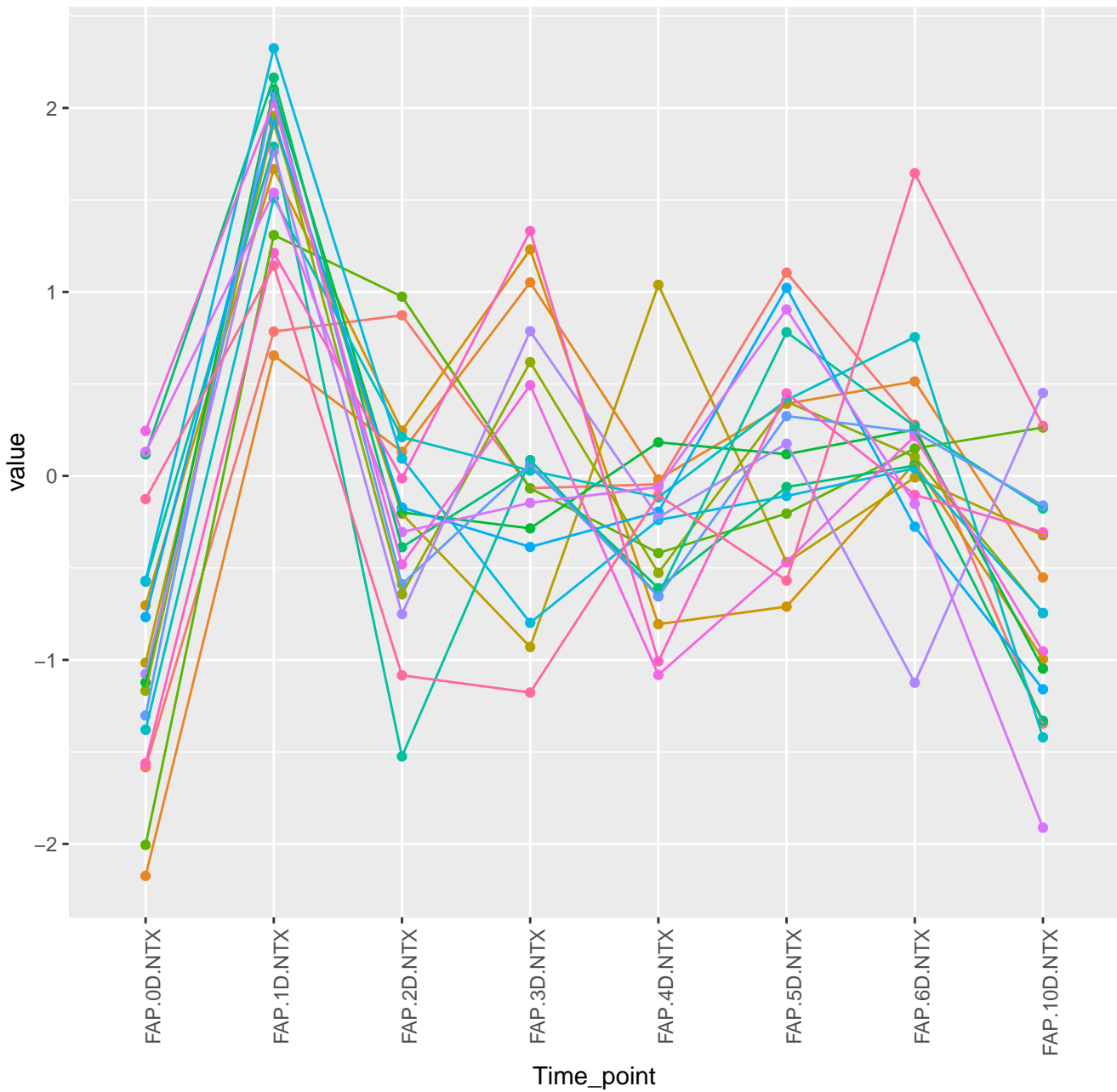
9 genes – cluster 405



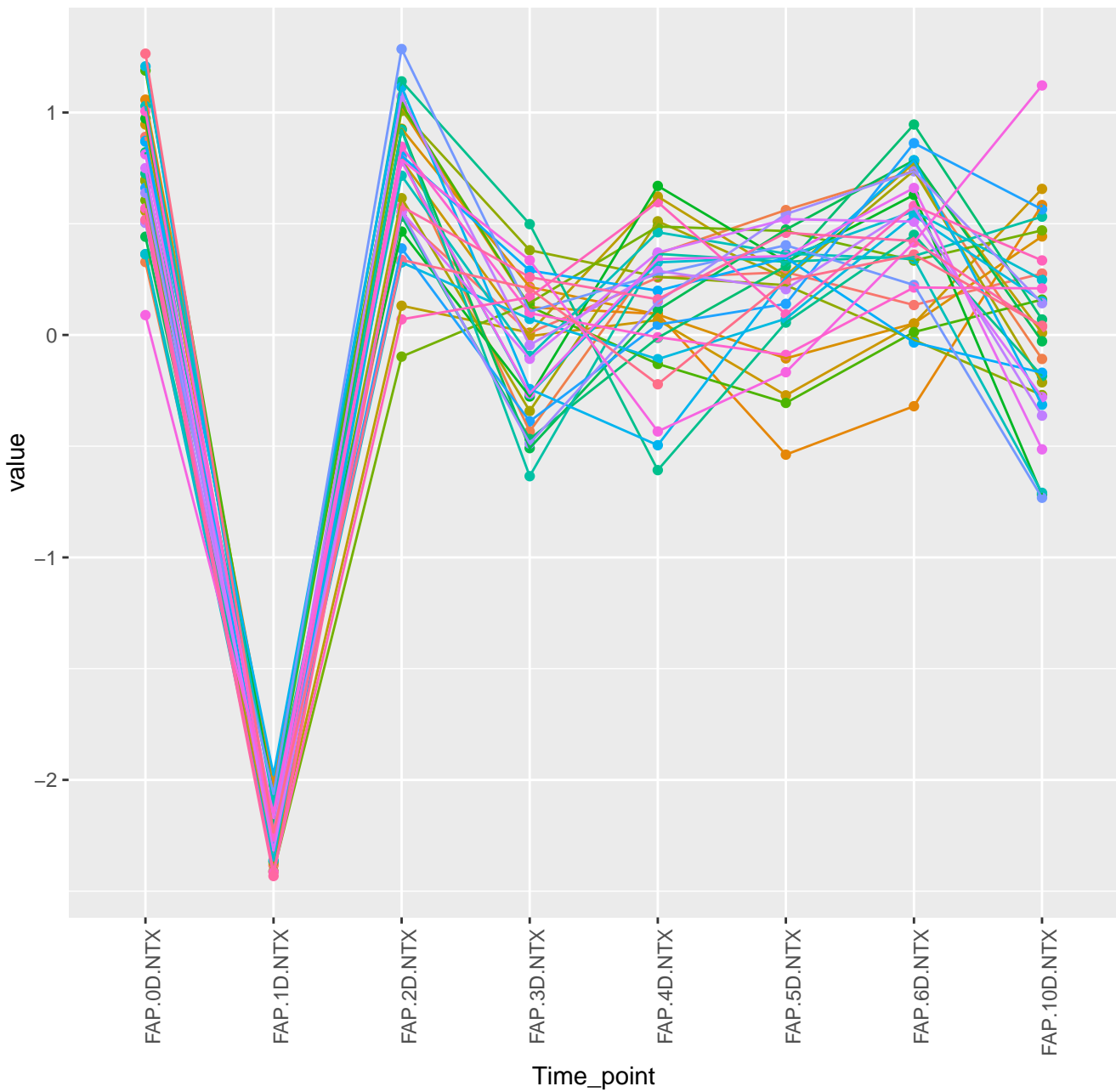
20 genes – cluster 406



18 genes – cluster 407

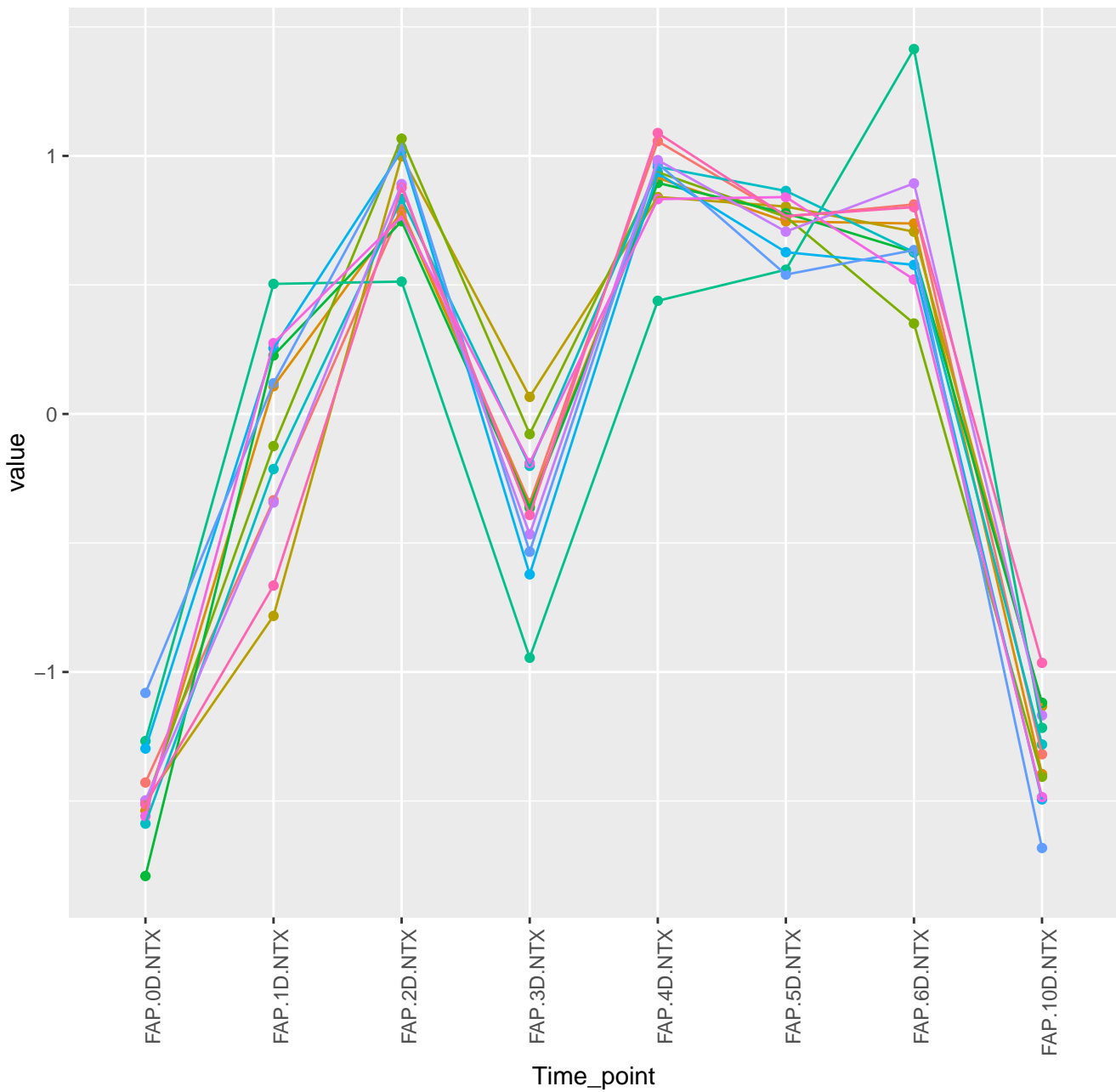


31 genes – cluster 408

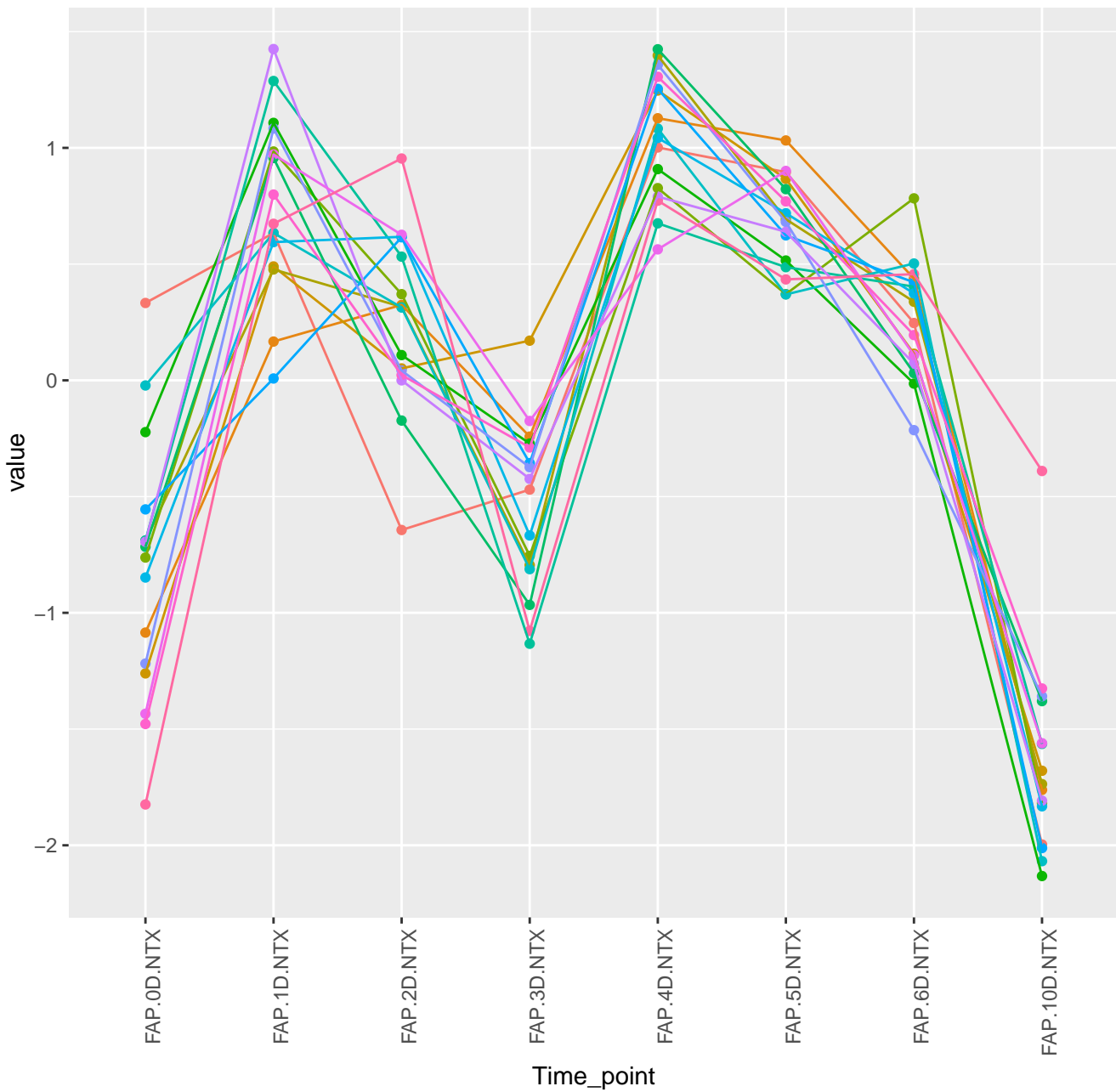




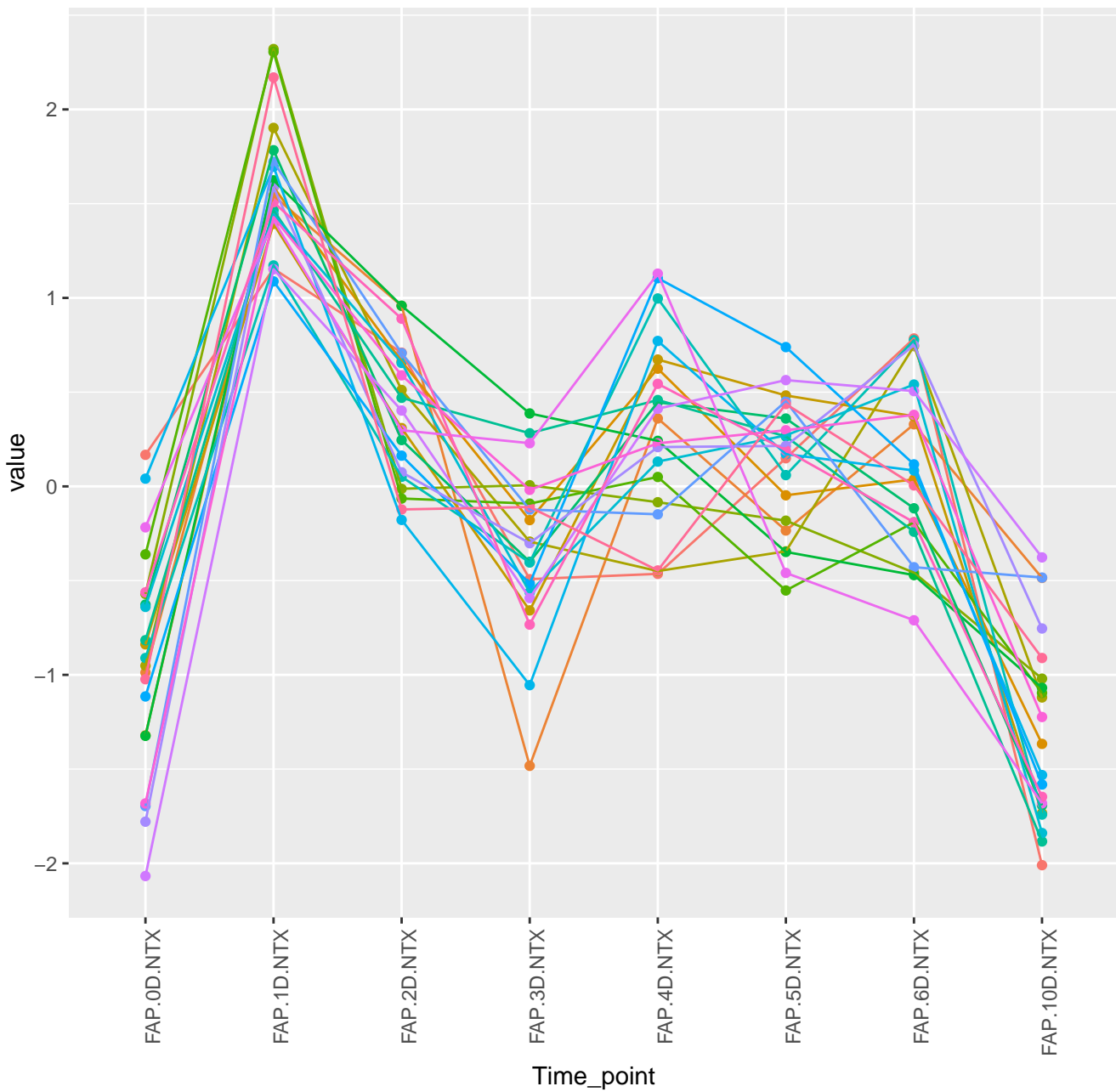
12 genes – cluster 409



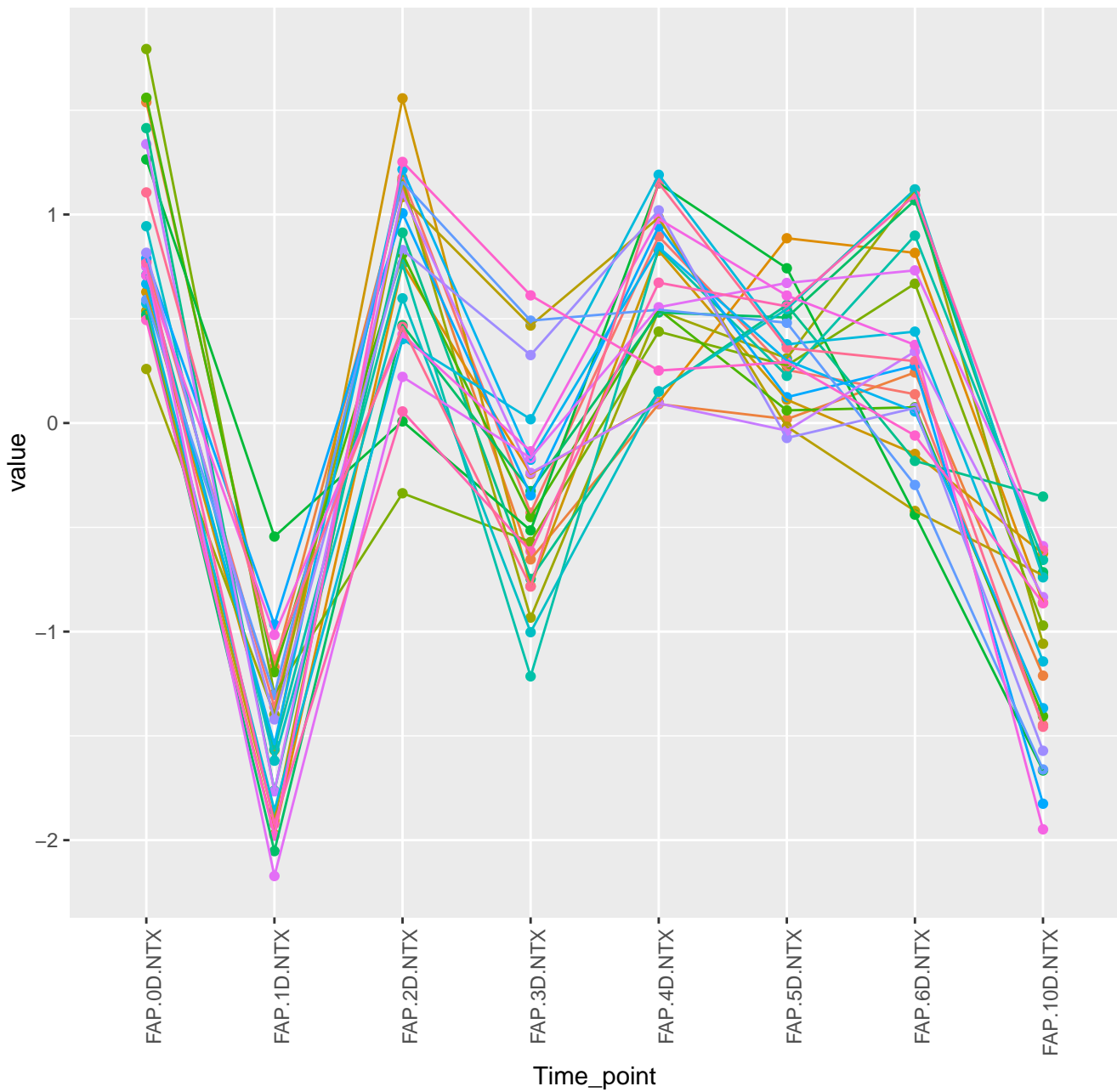
16 genes – cluster 410



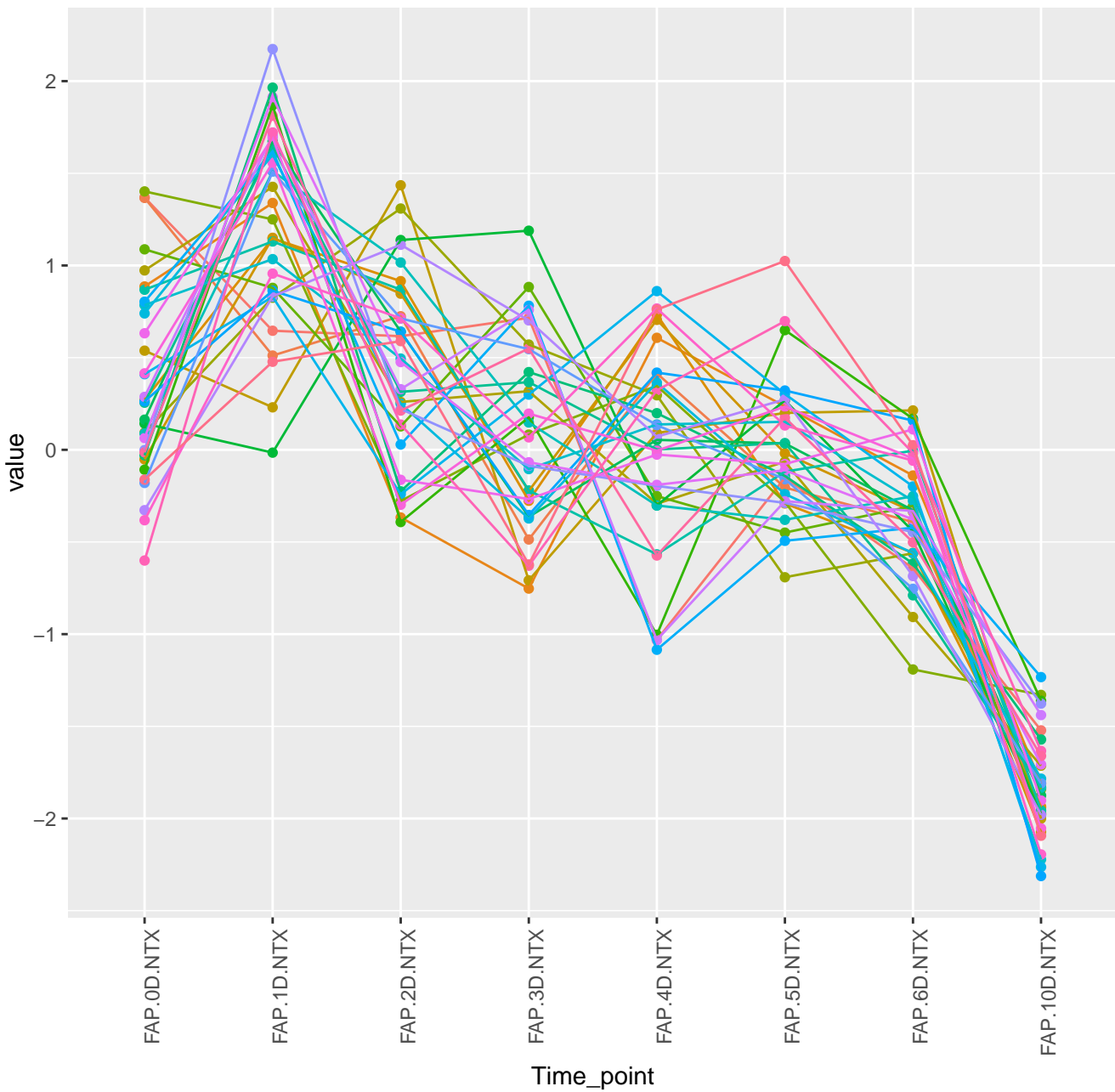
21 genes – cluster 411



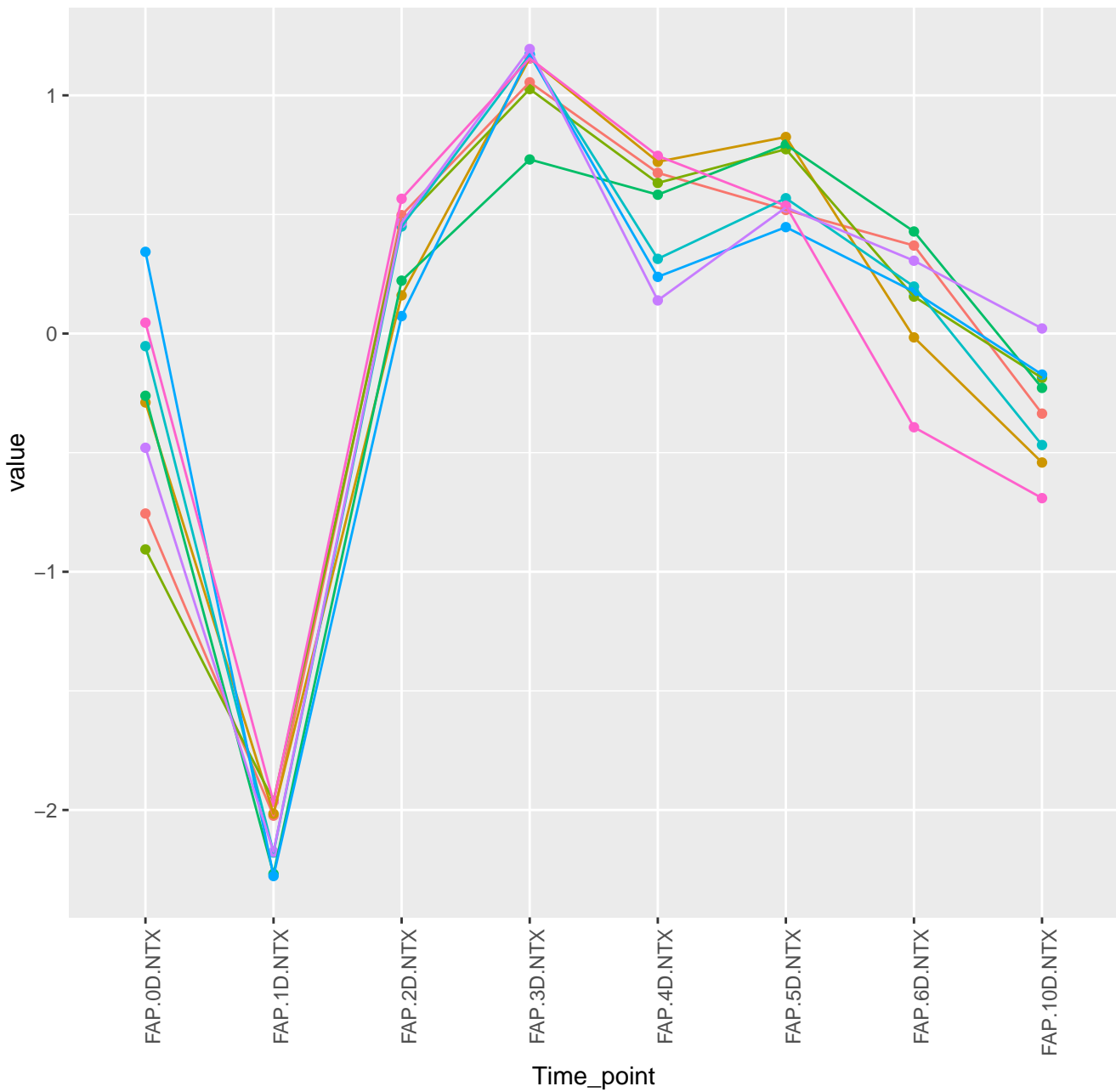
24 genes – cluster 412



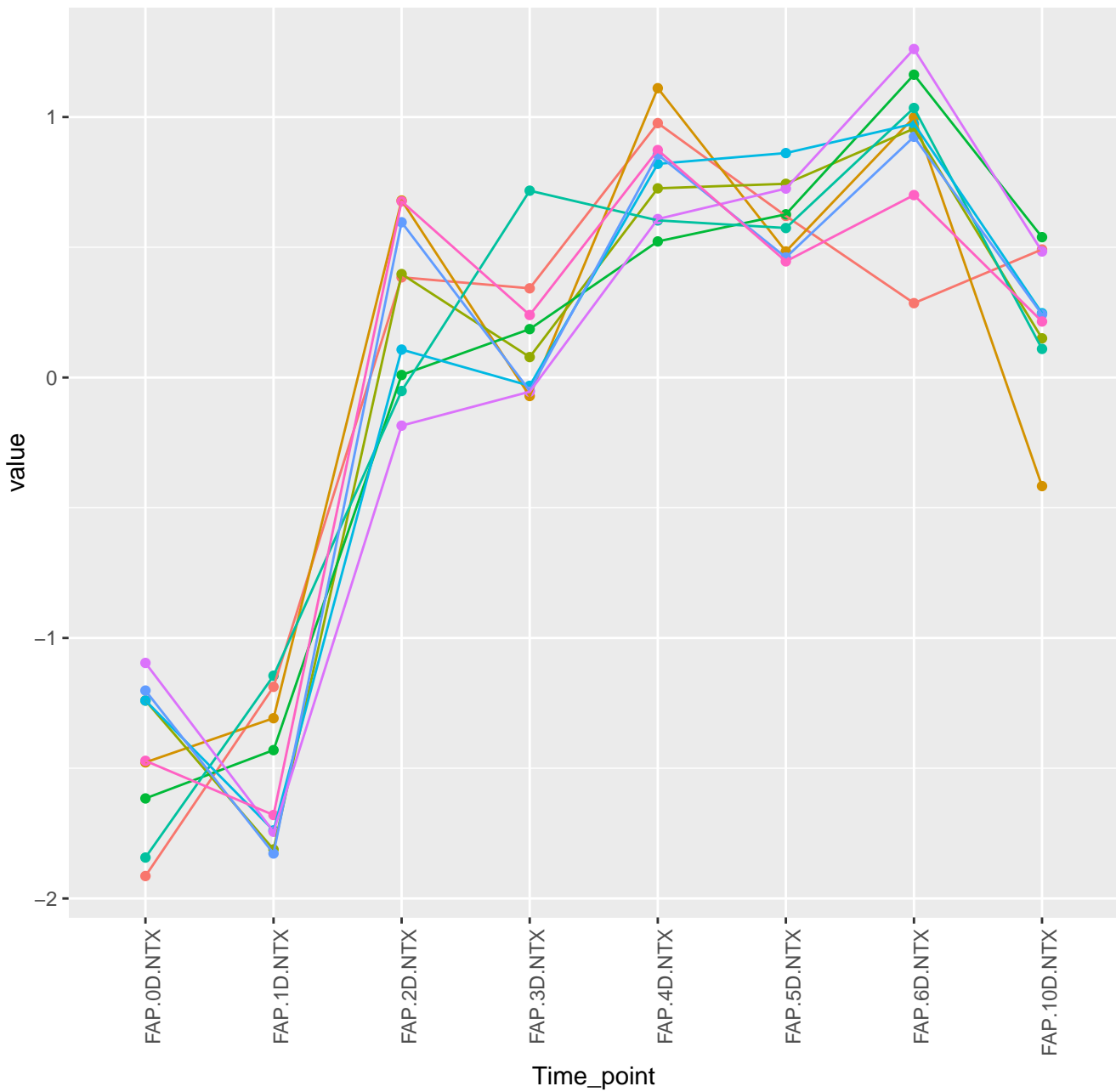
33 genes – cluster 413



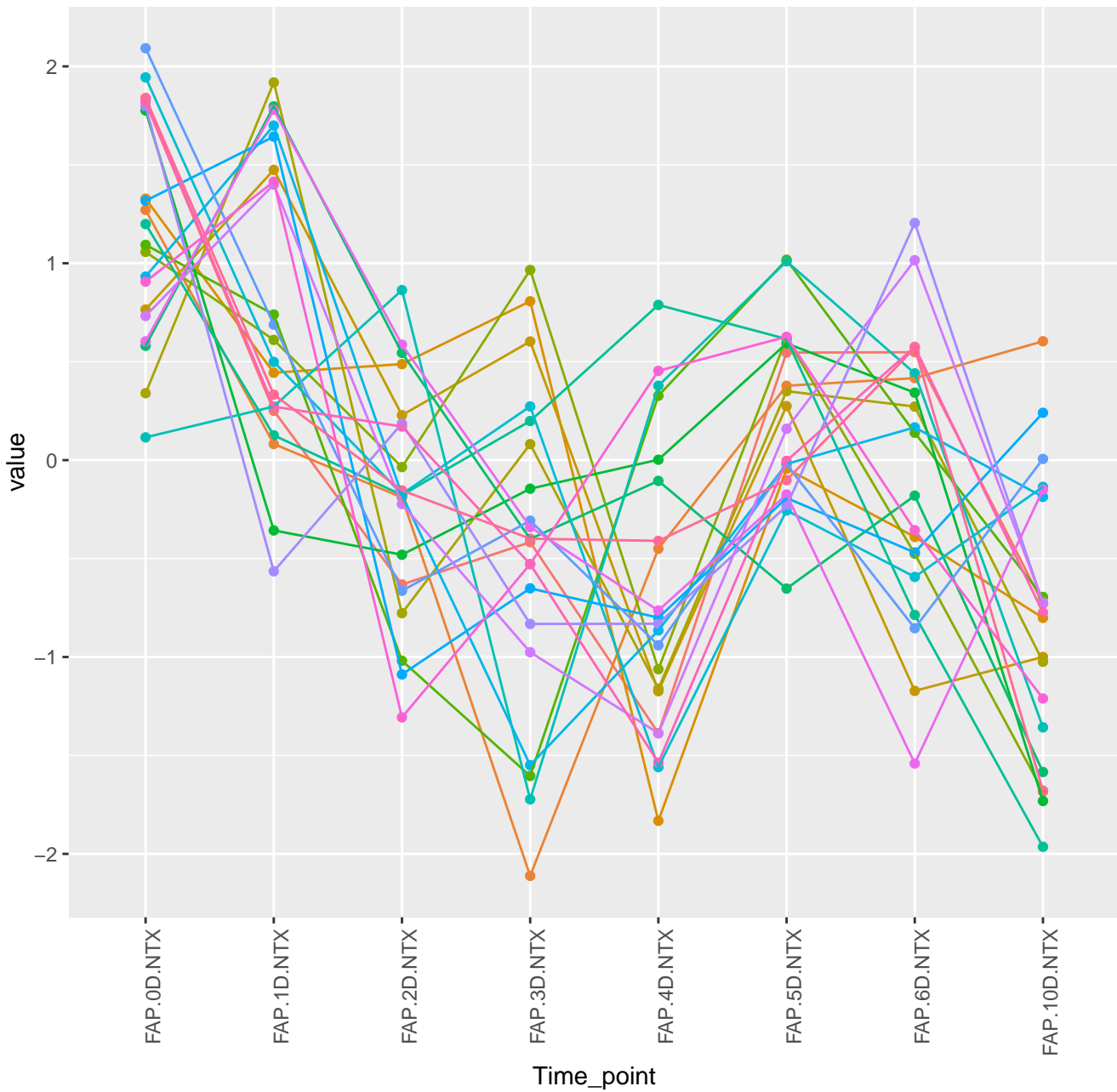
8 genes – cluster 414



9 genes – cluster 415

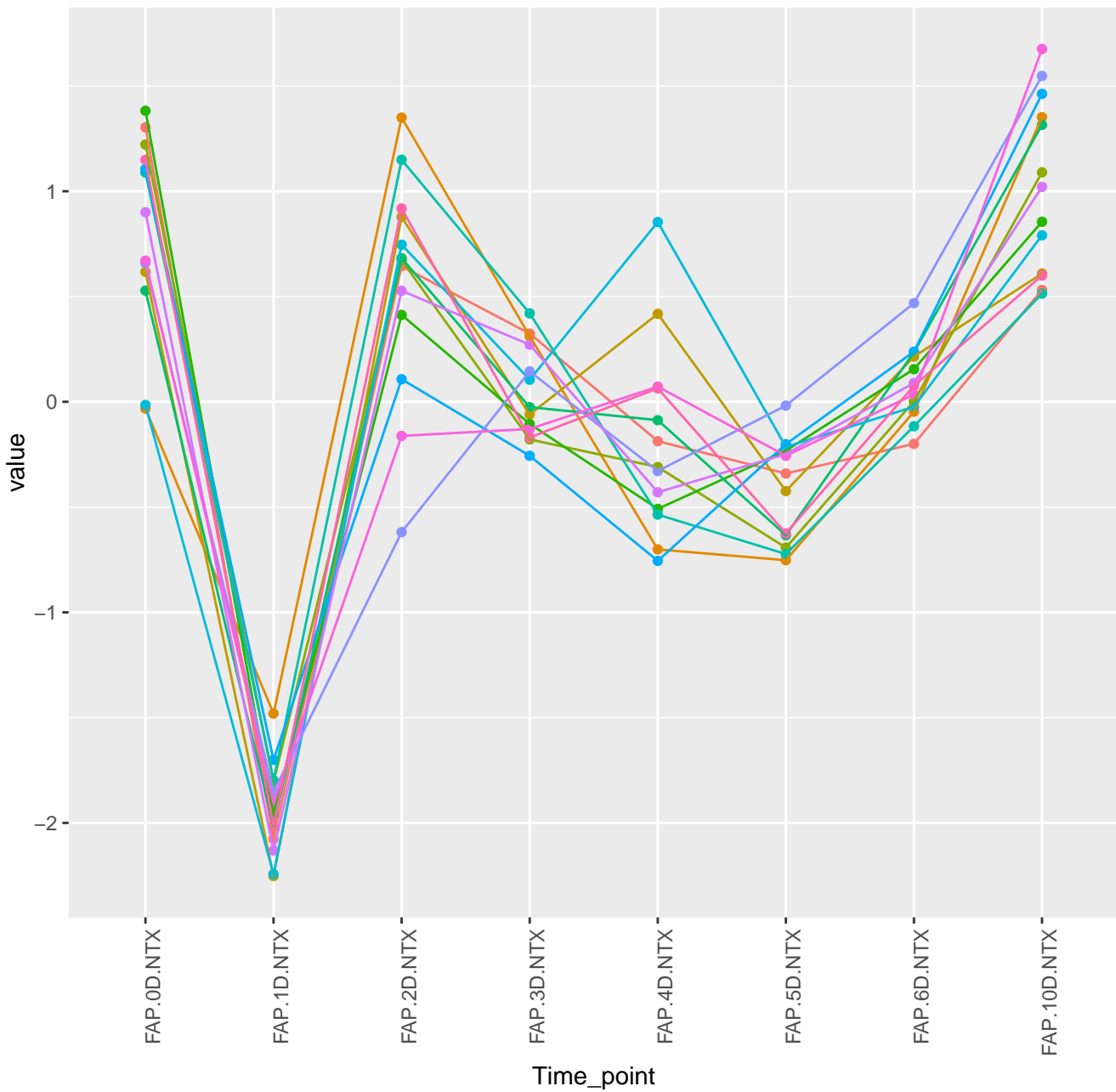


21 genes – cluster 416

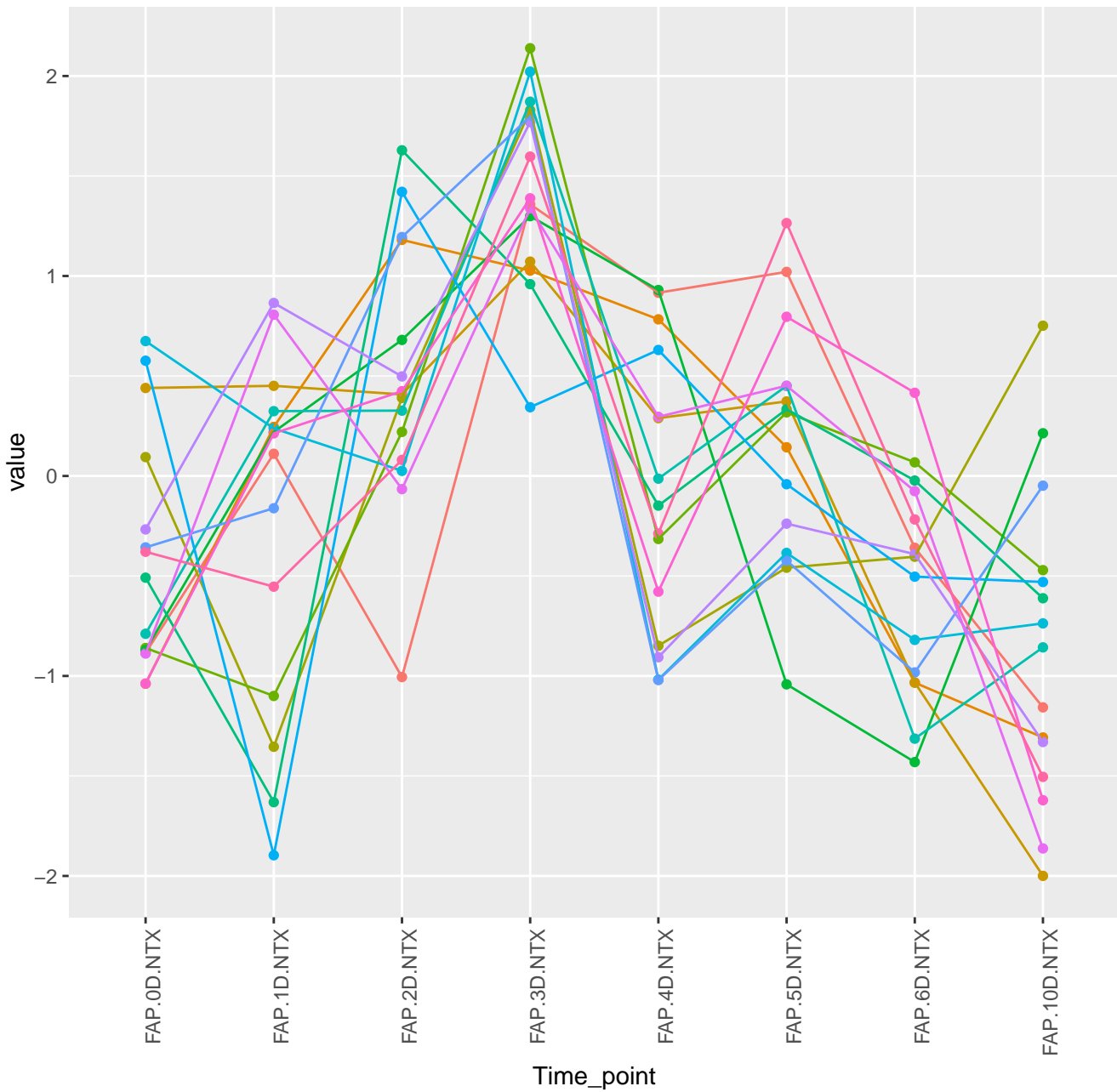




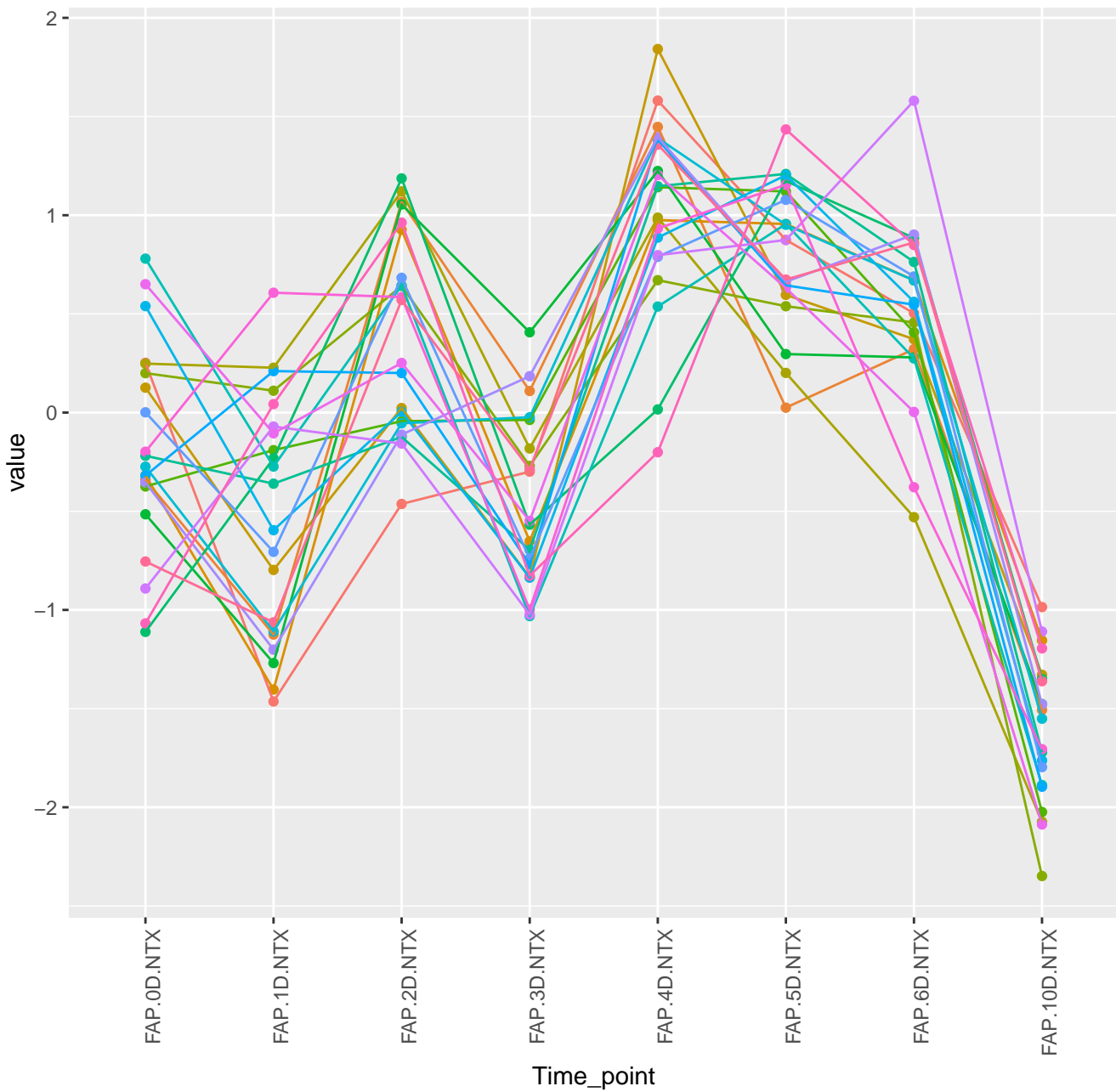
13 genes – cluster 417



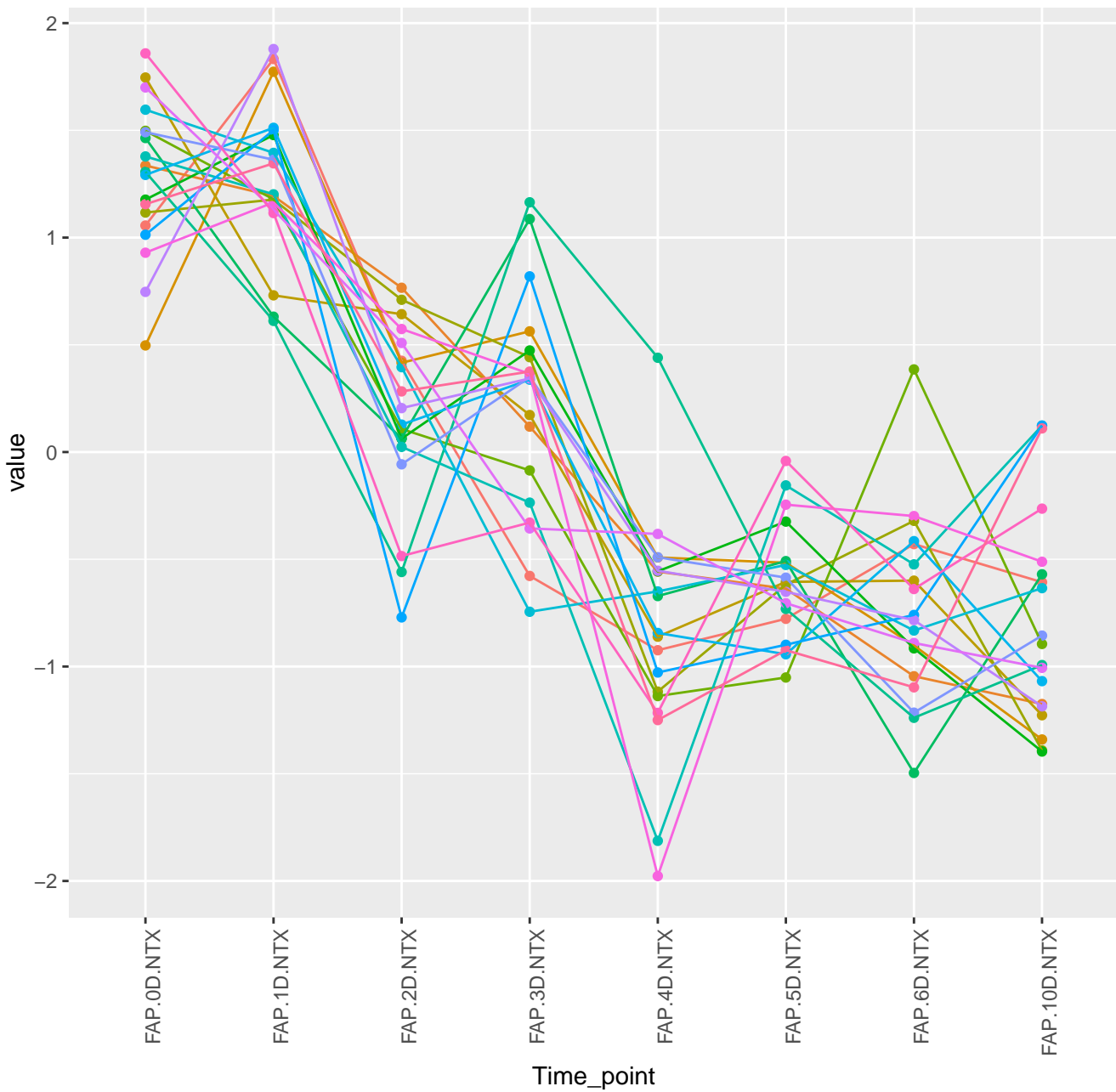
15 genes – cluster 418



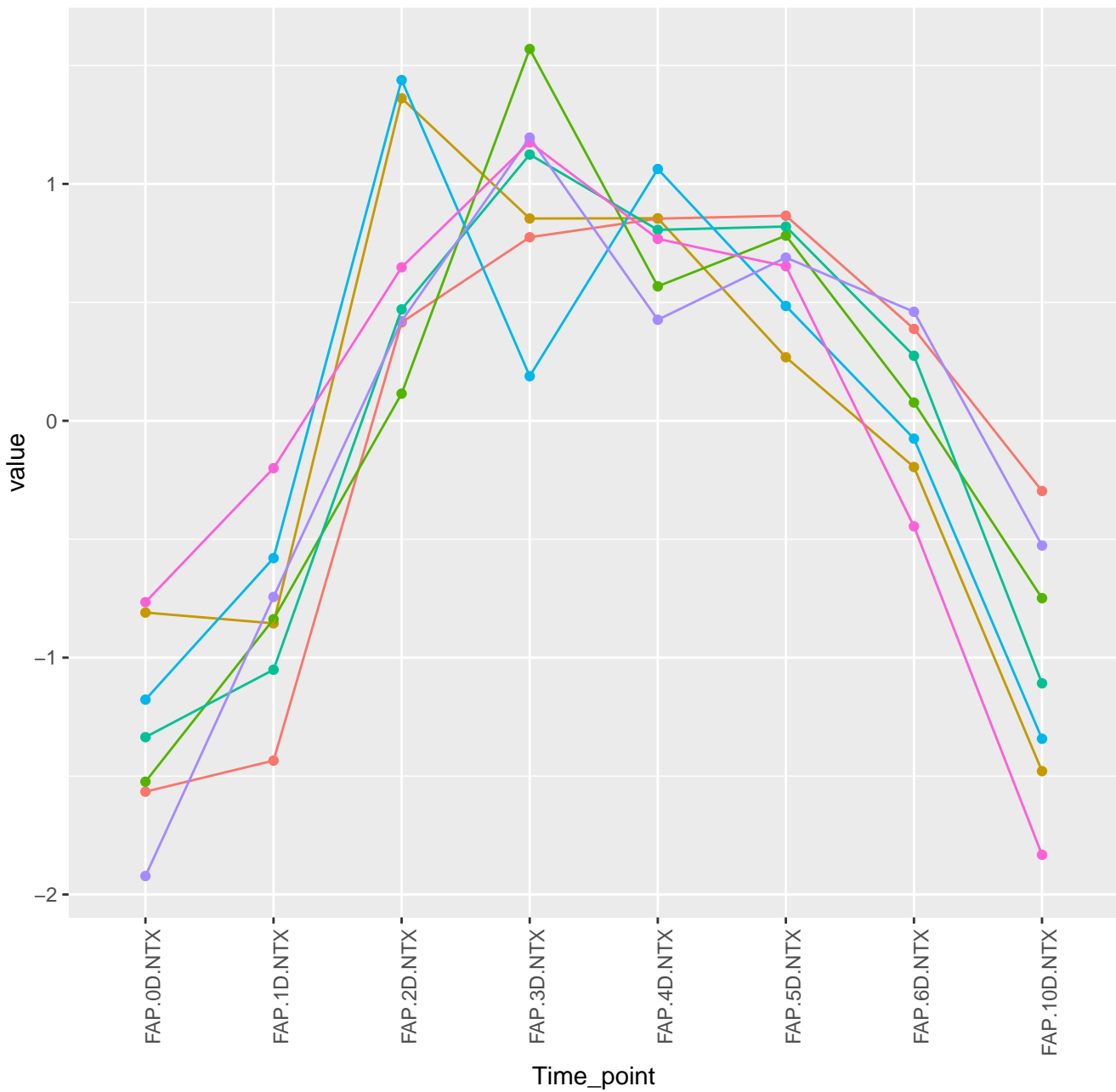
21 genes – cluster 419



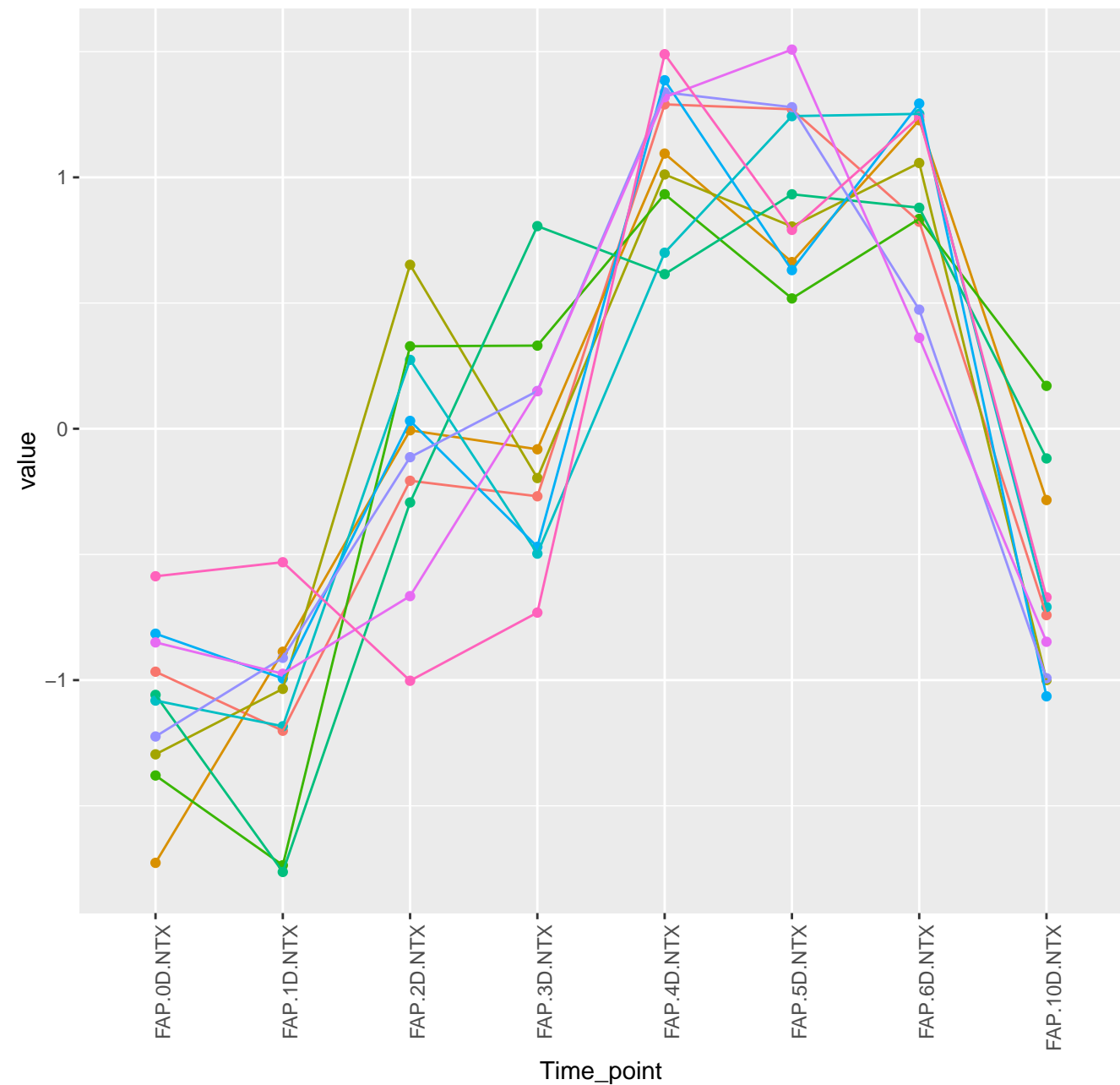
19 genes – cluster 420



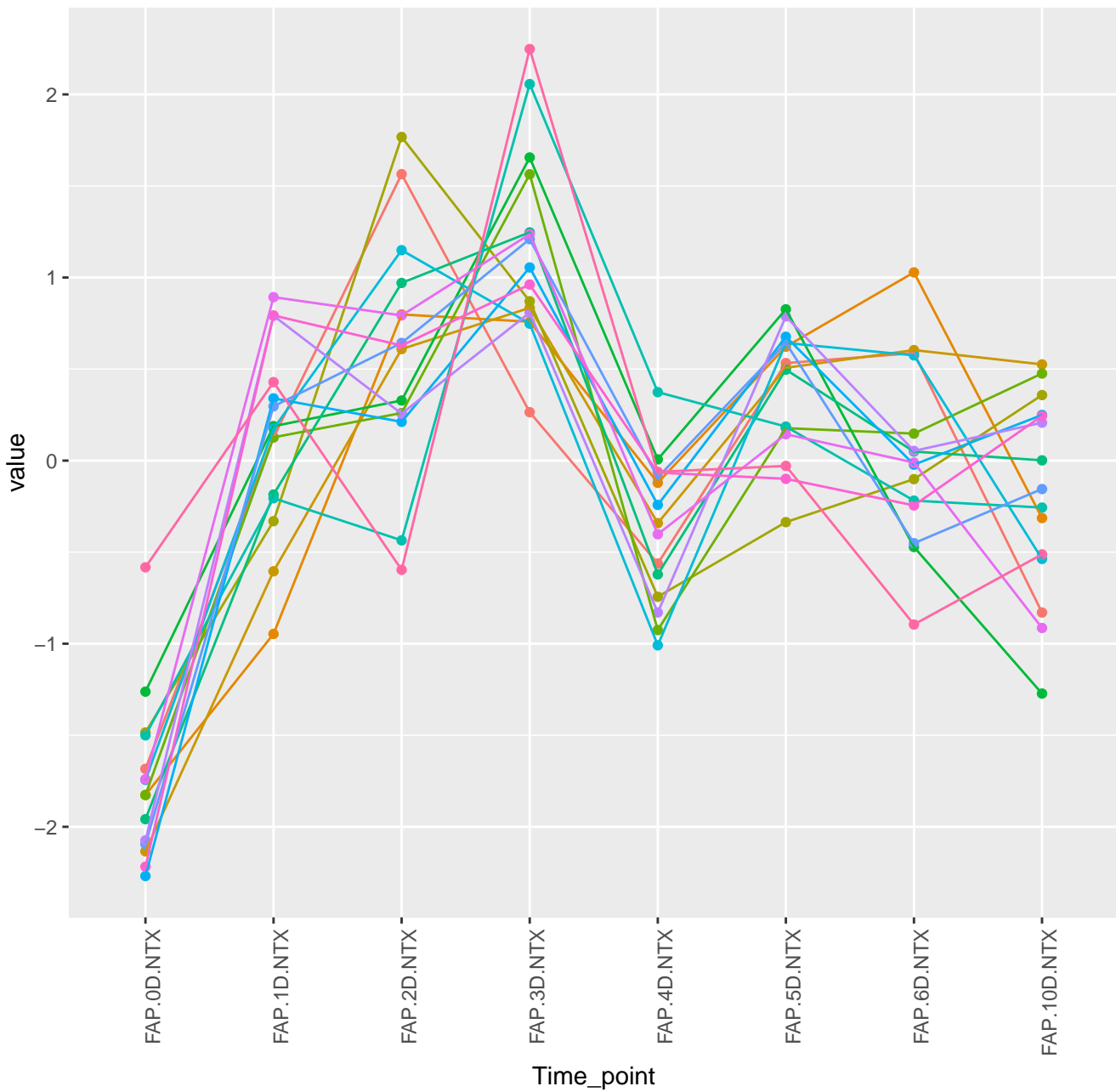
7 genes – cluster 421



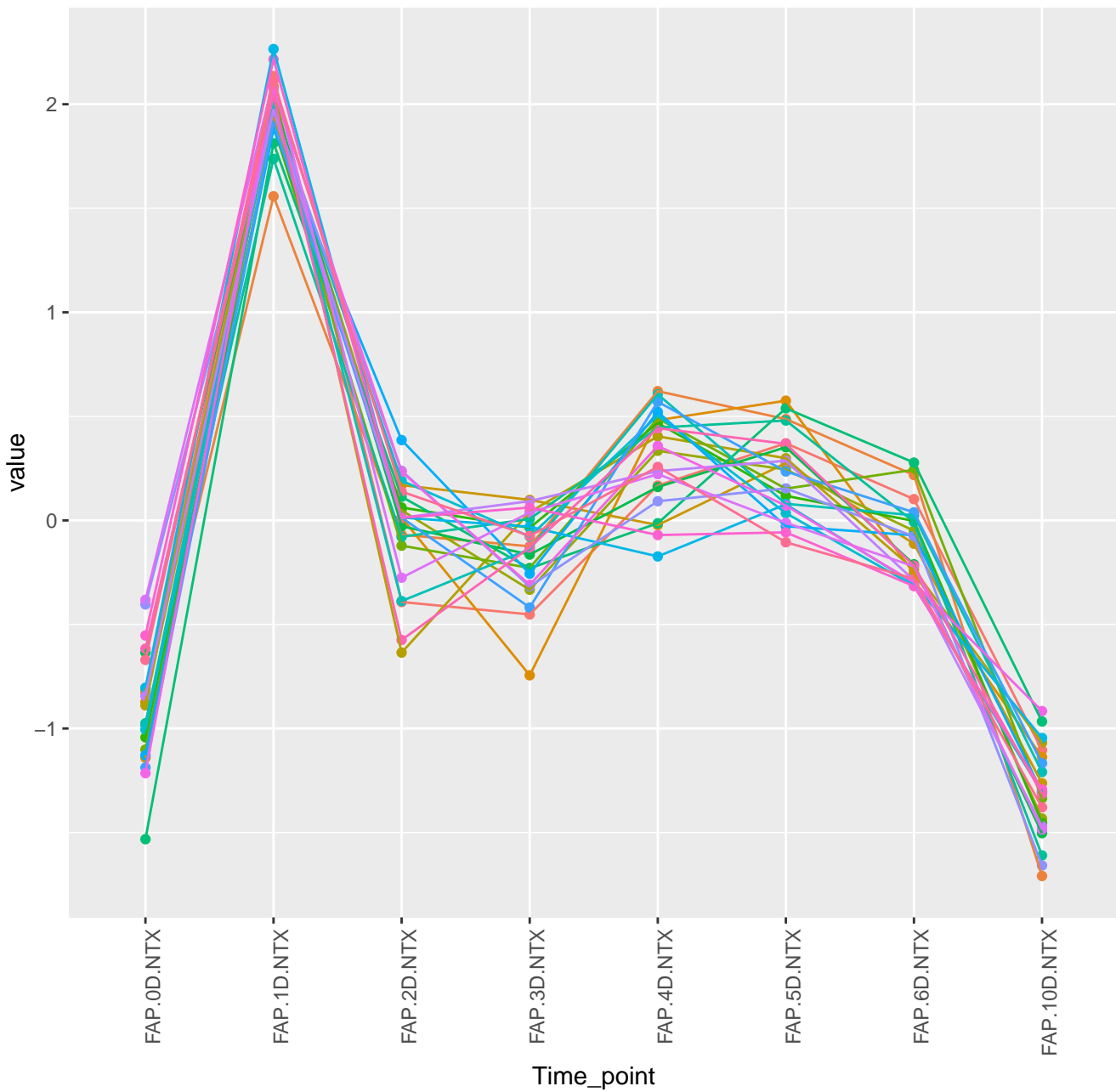
10 genes – cluster 422



15 genes – cluster 423

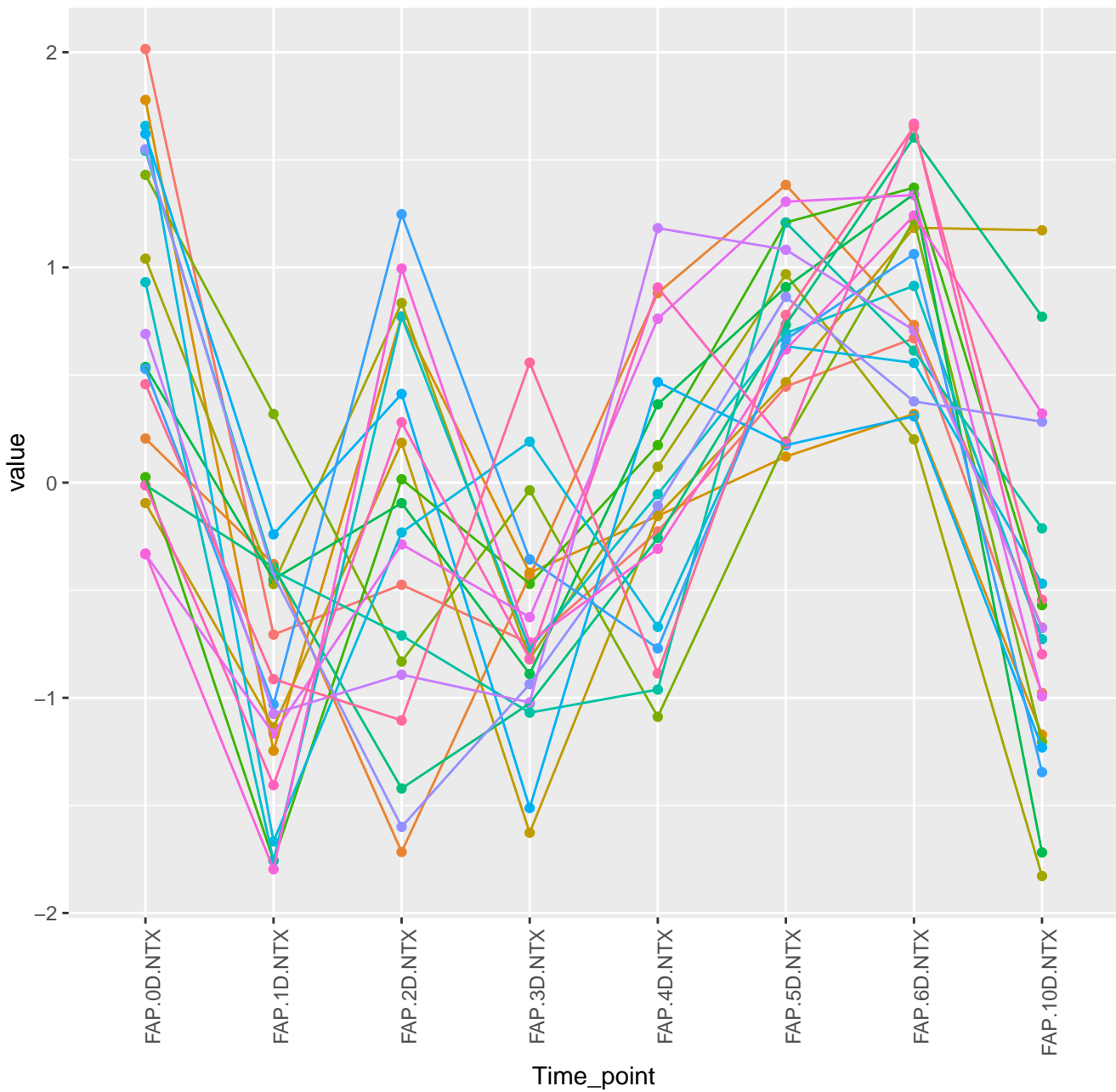


23 genes – cluster 424

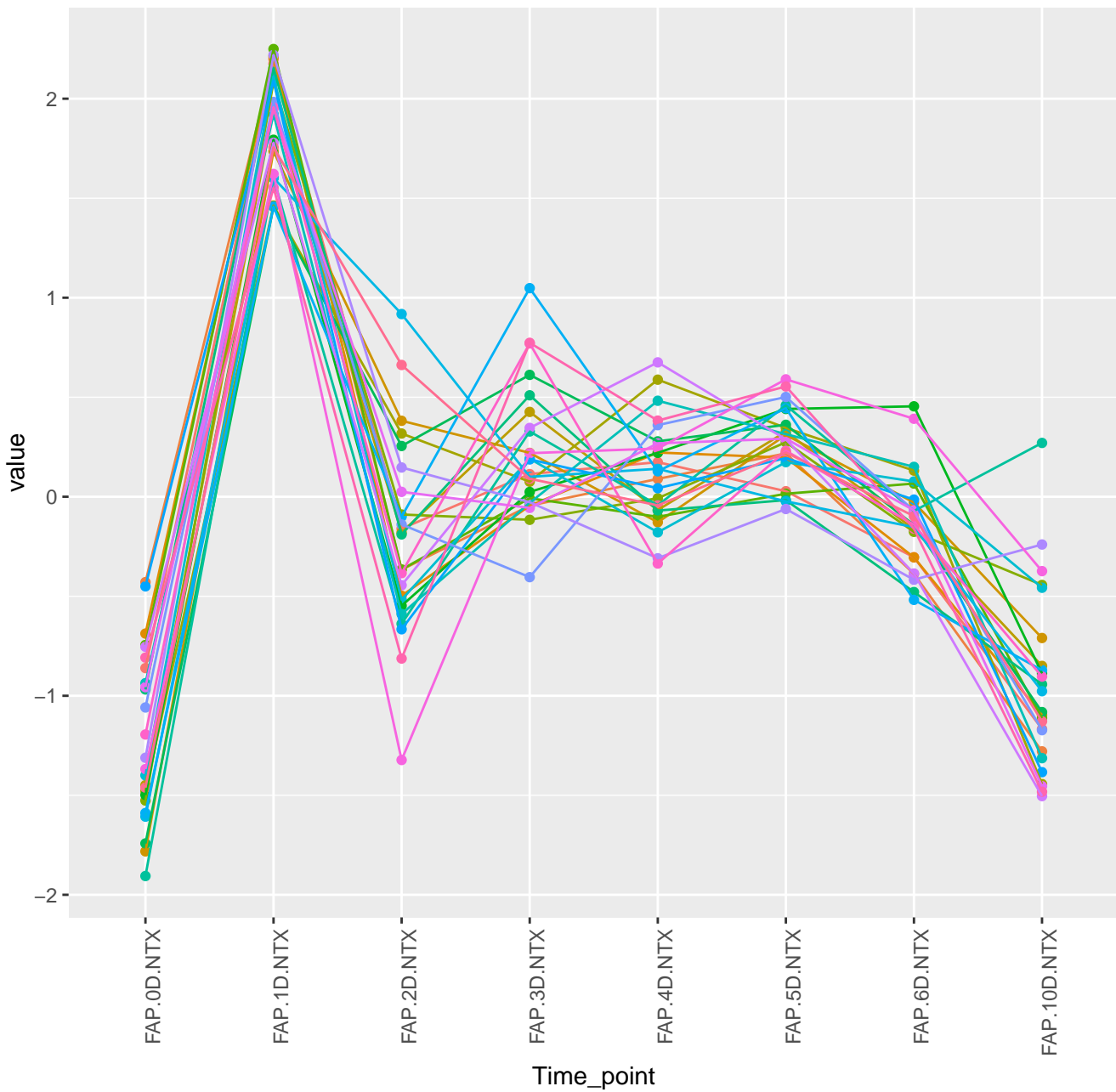




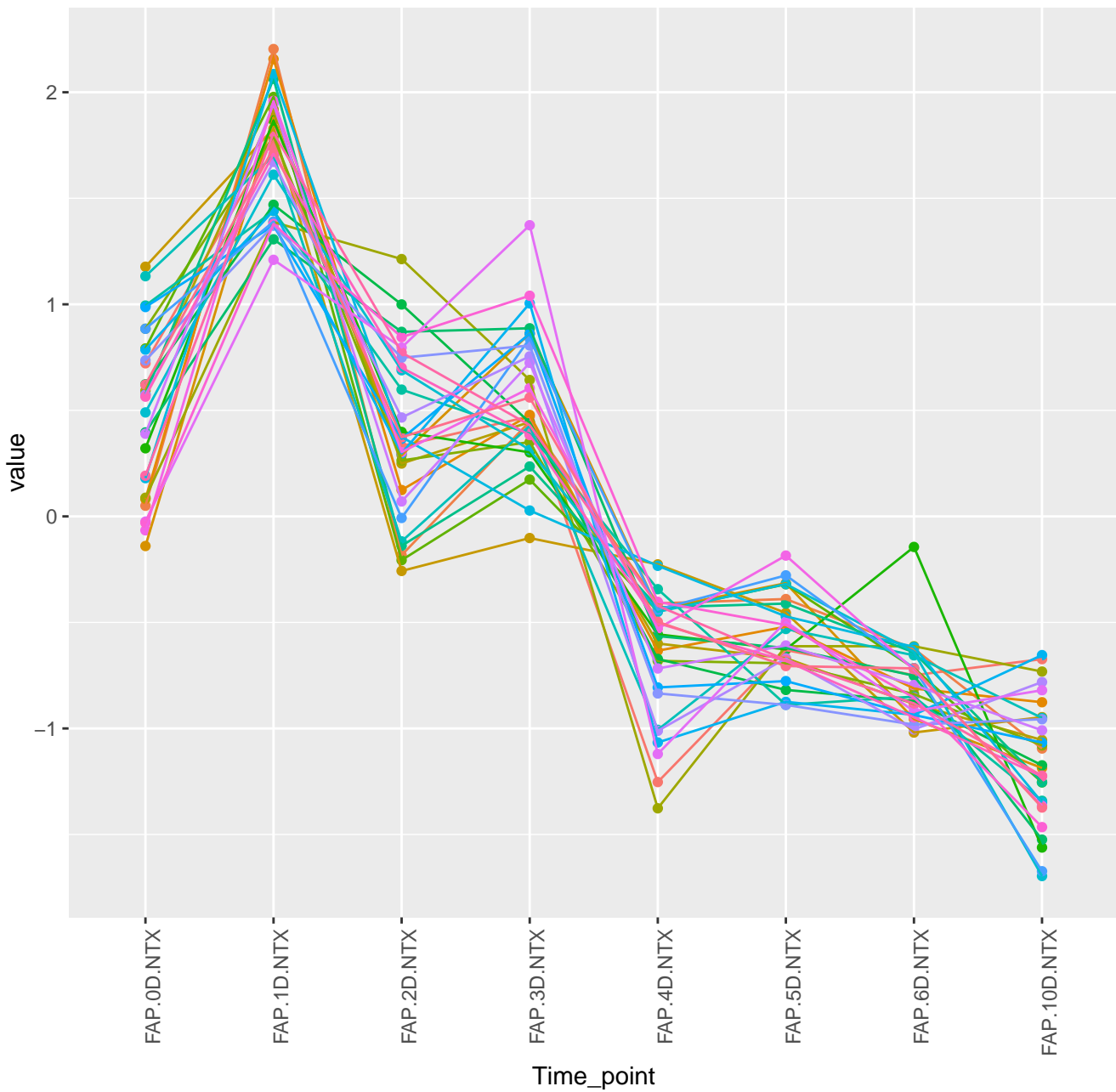
20 genes – cluster 425



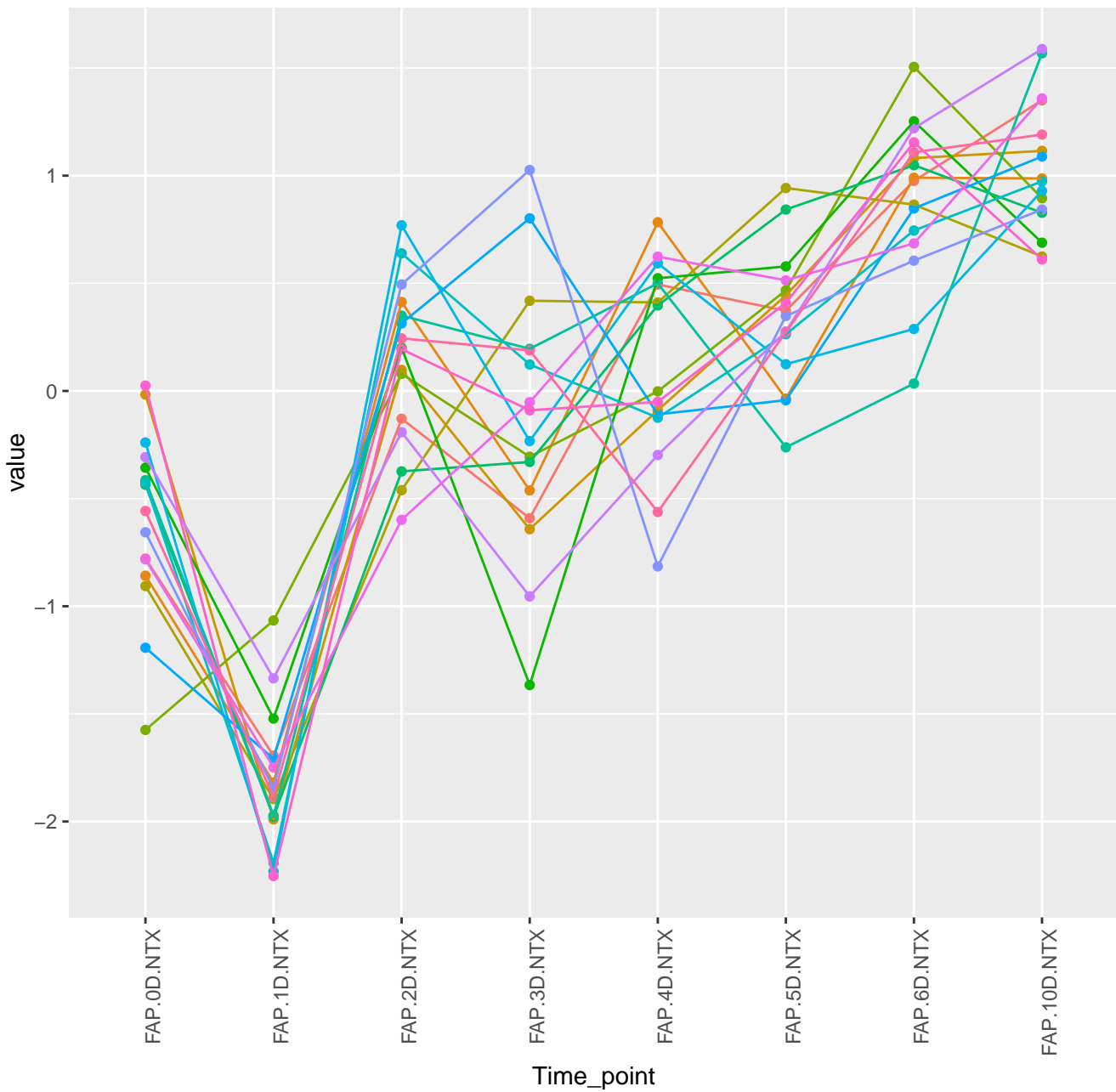
25 genes – cluster 426



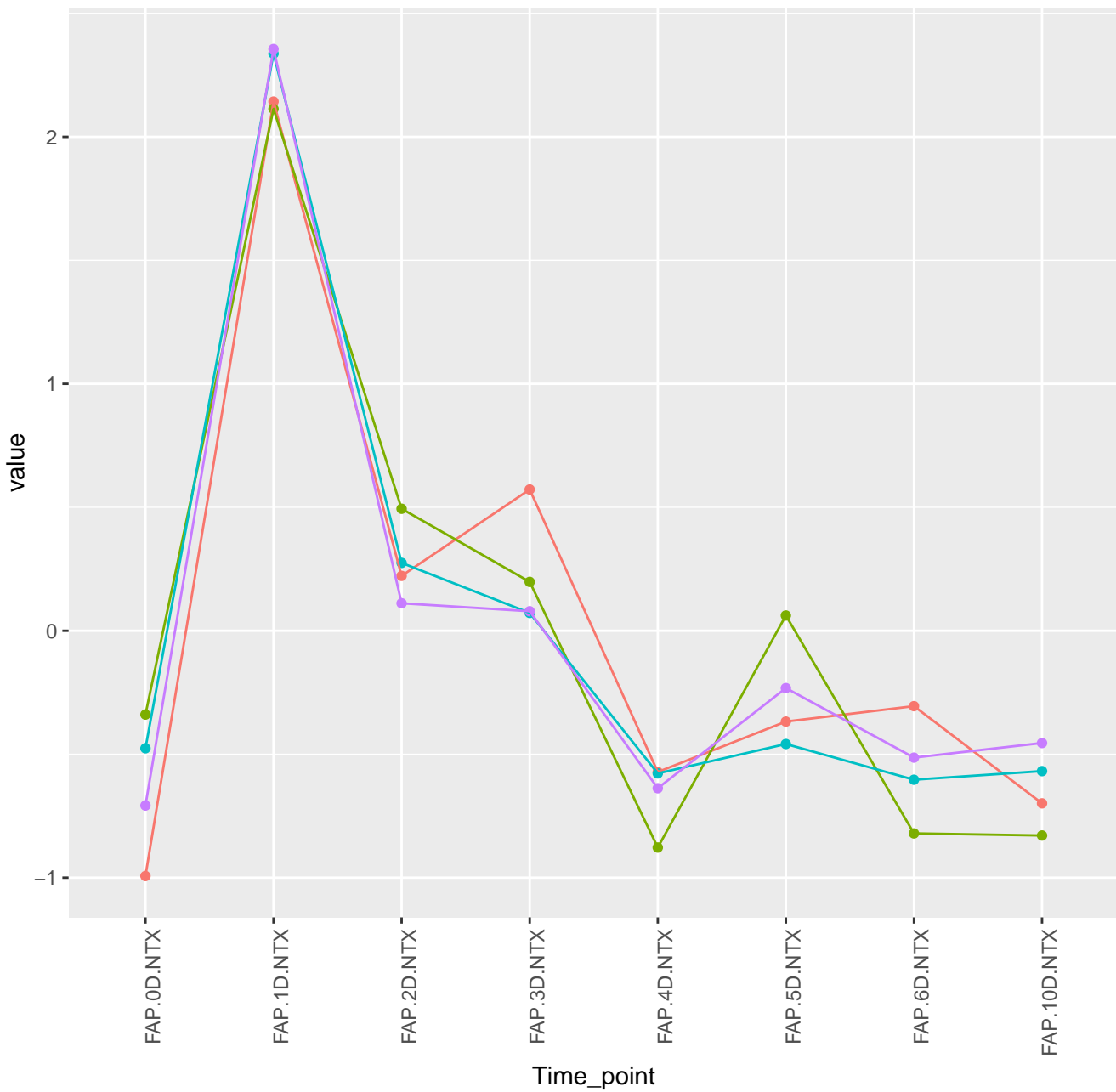
29 genes – cluster 427



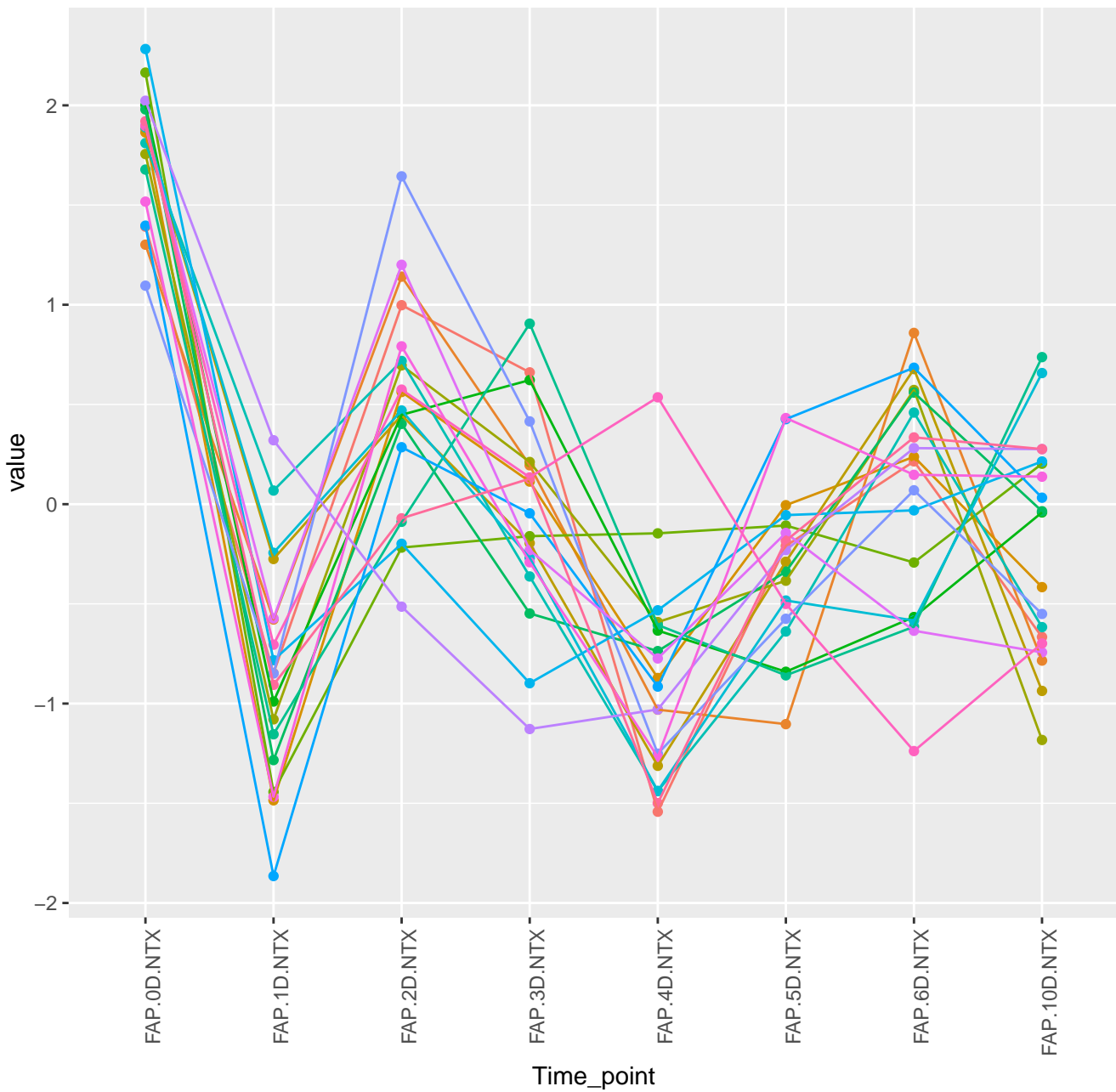
16 genes – cluster 428



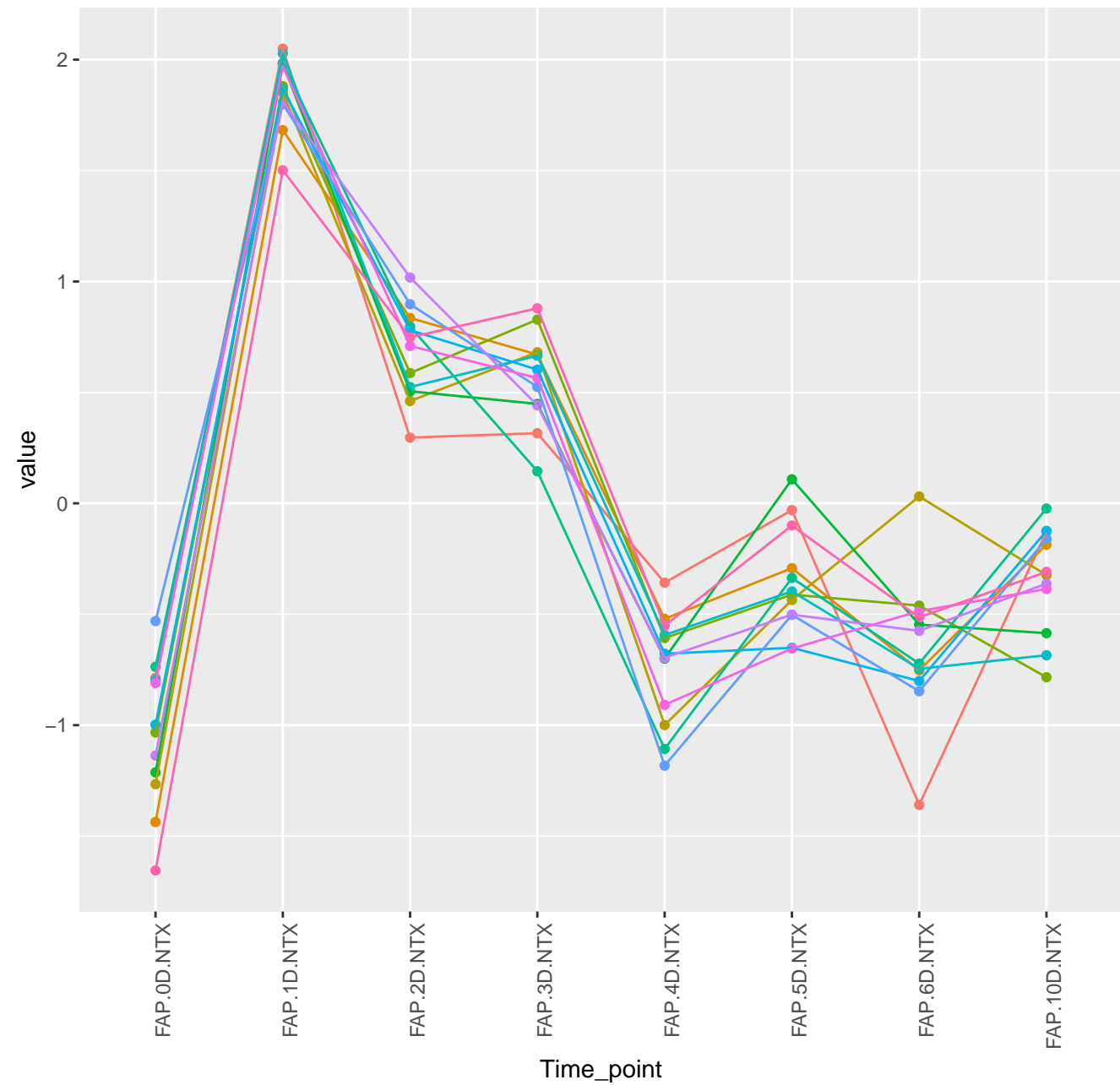
4 genes – cluster 429



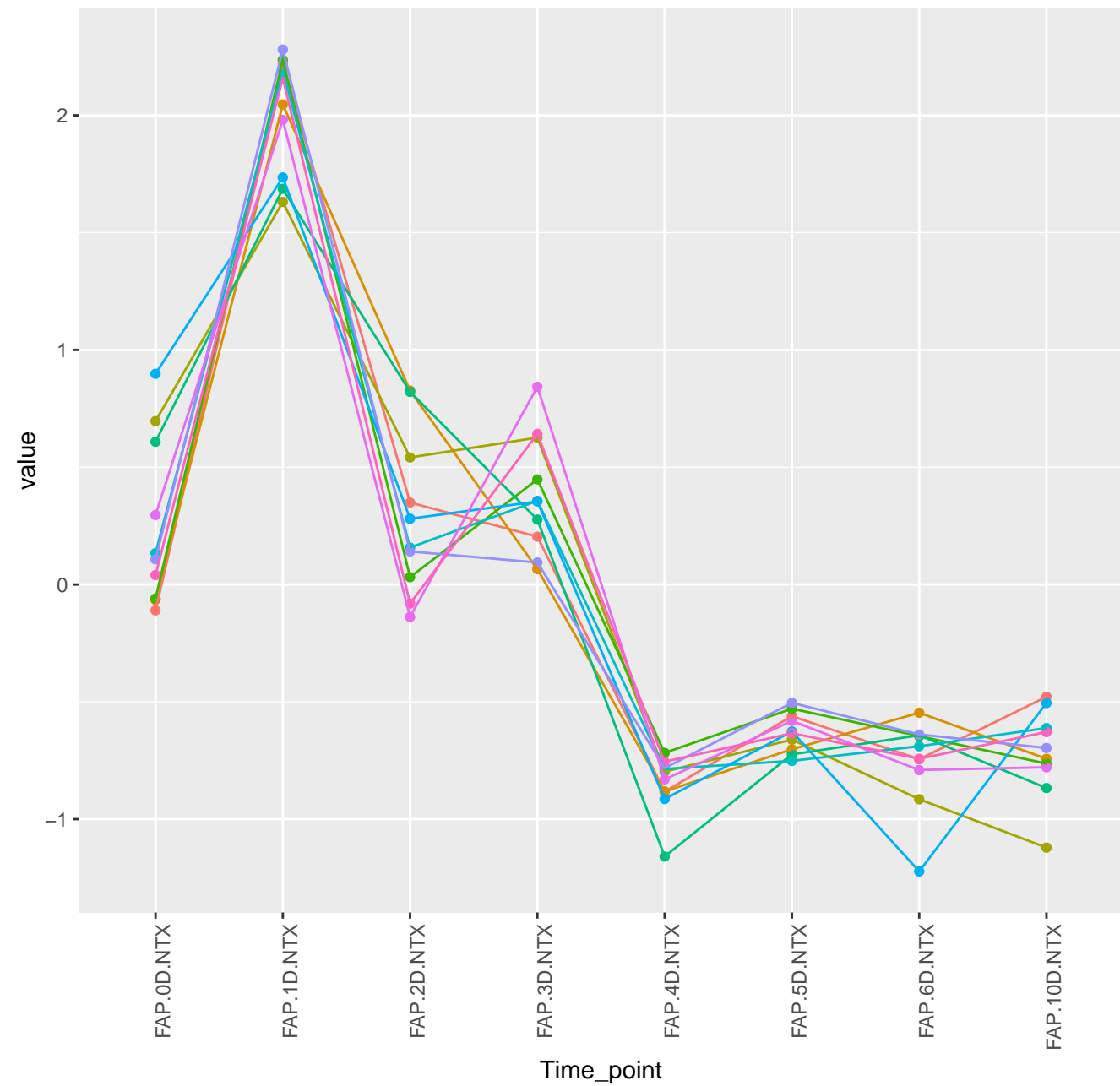
19 genes – cluster 430



12 genes – cluster 431

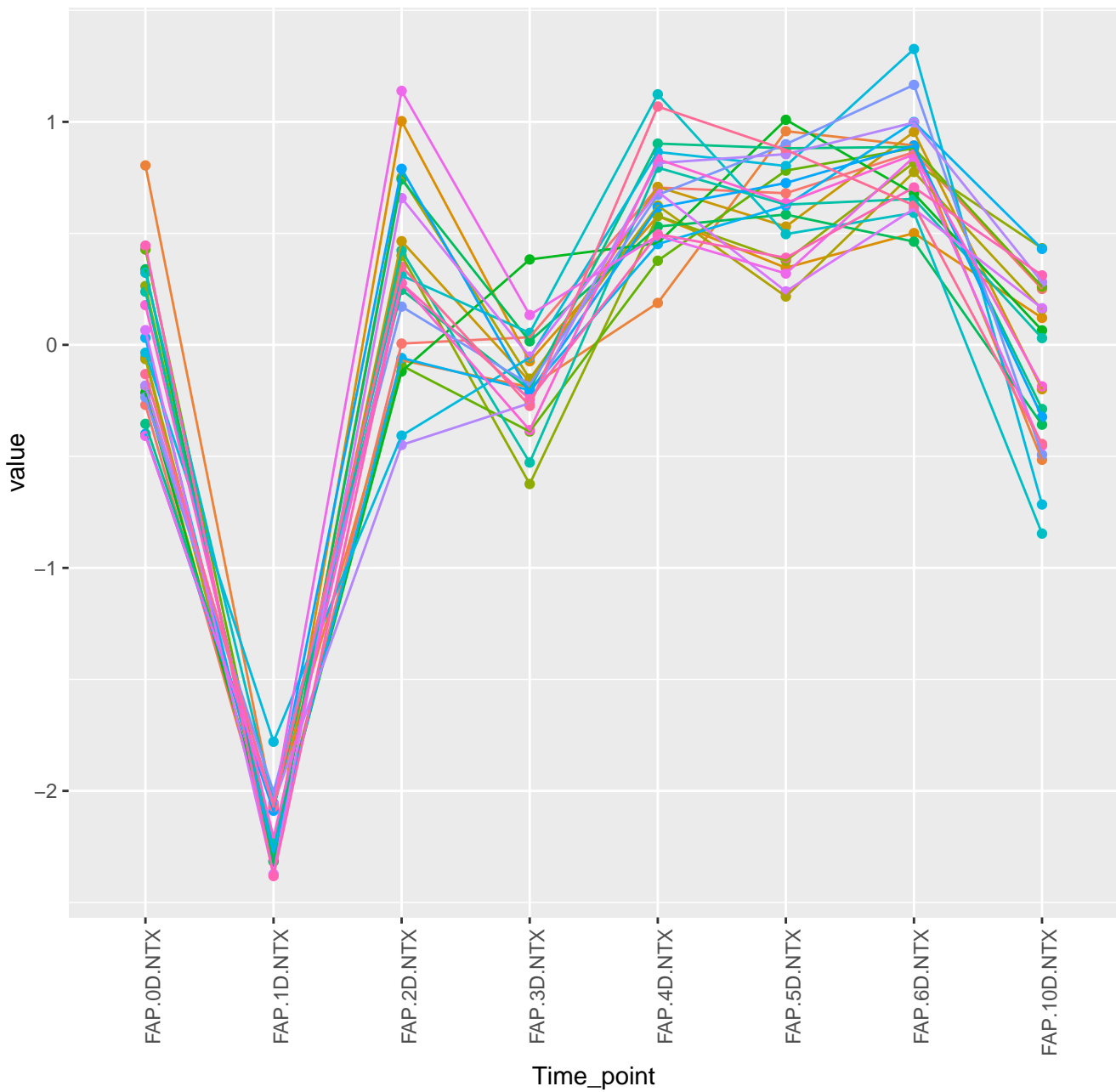


10 genes – cluster 432

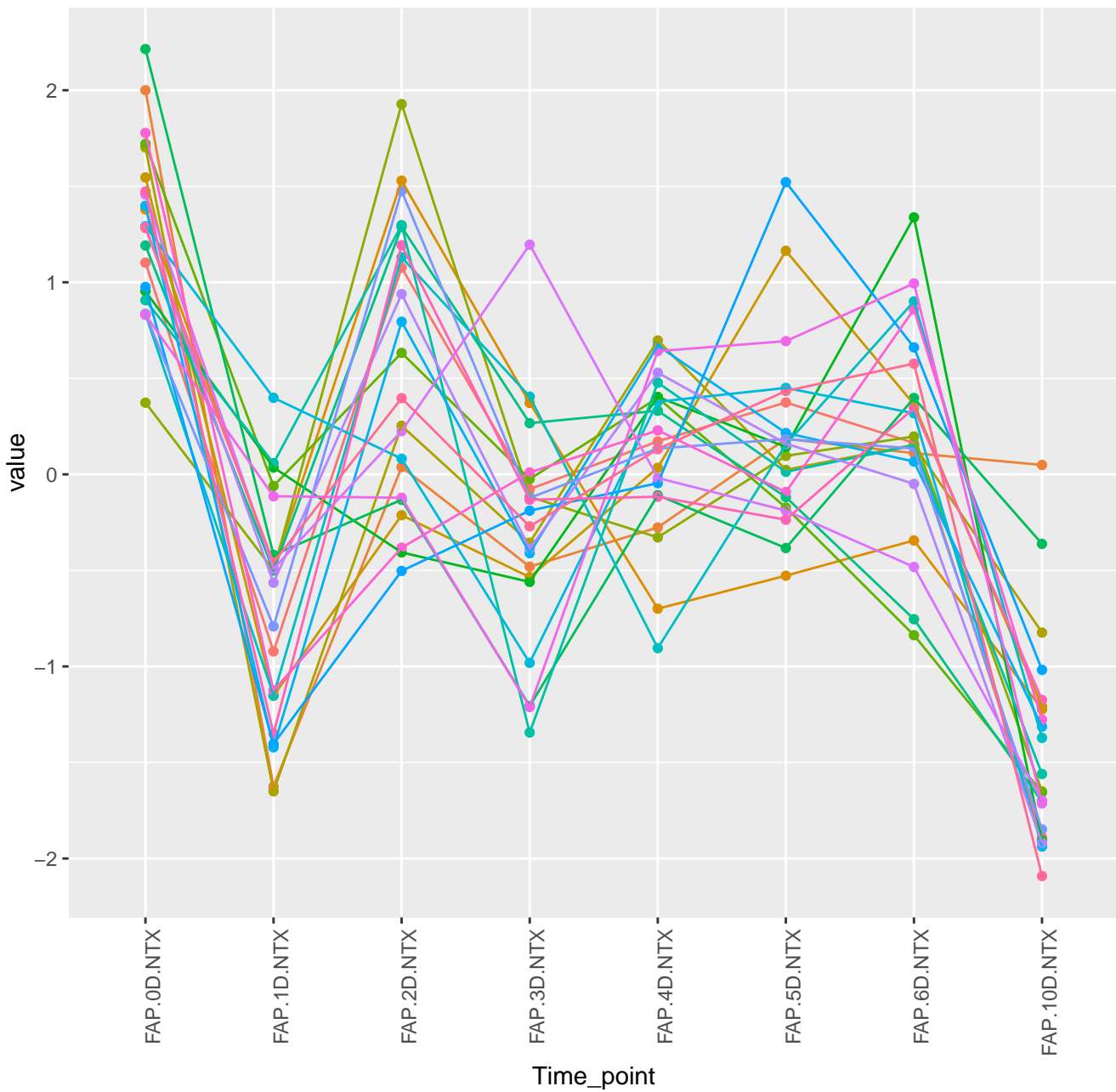




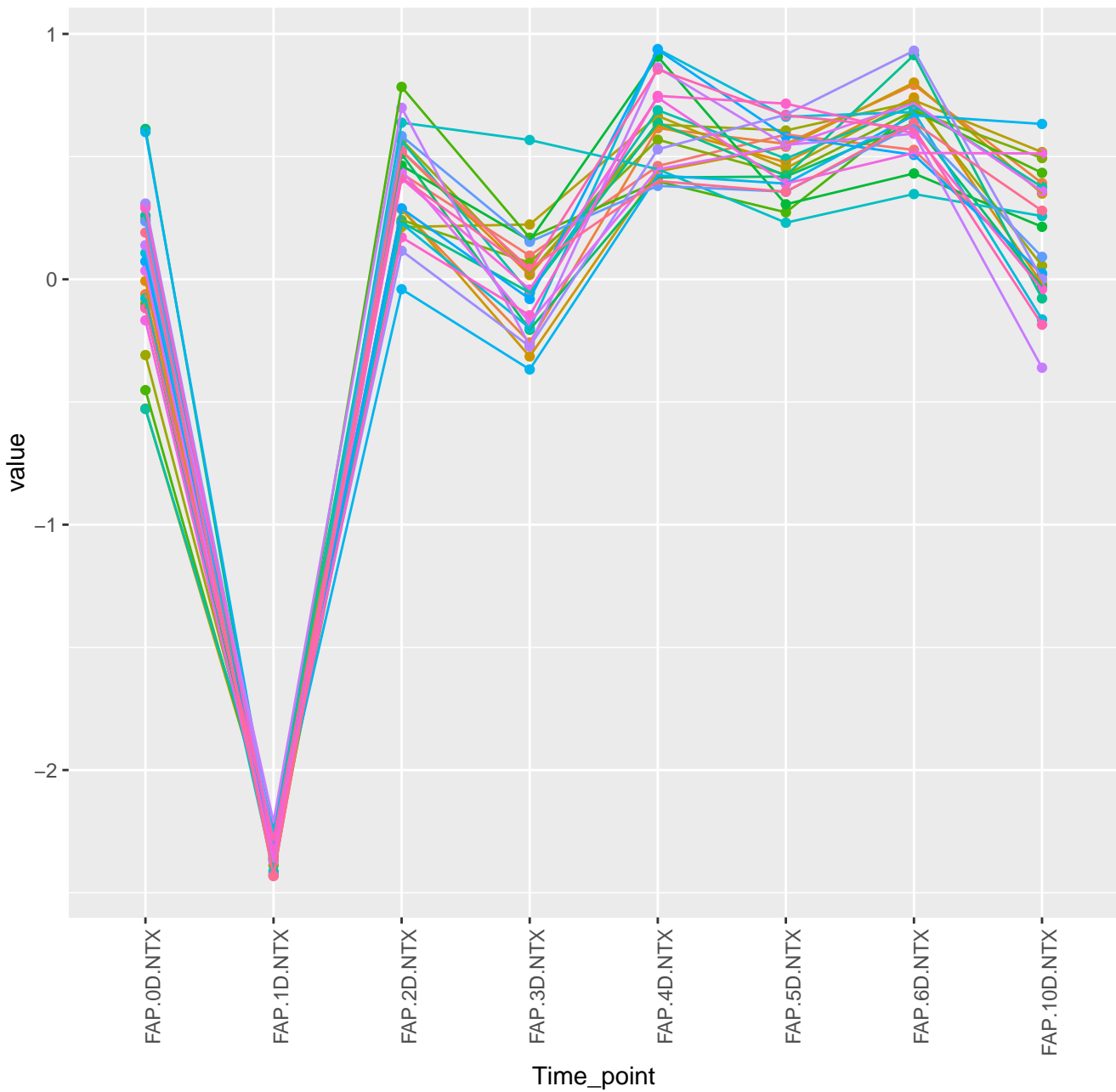
22 genes – cluster 433



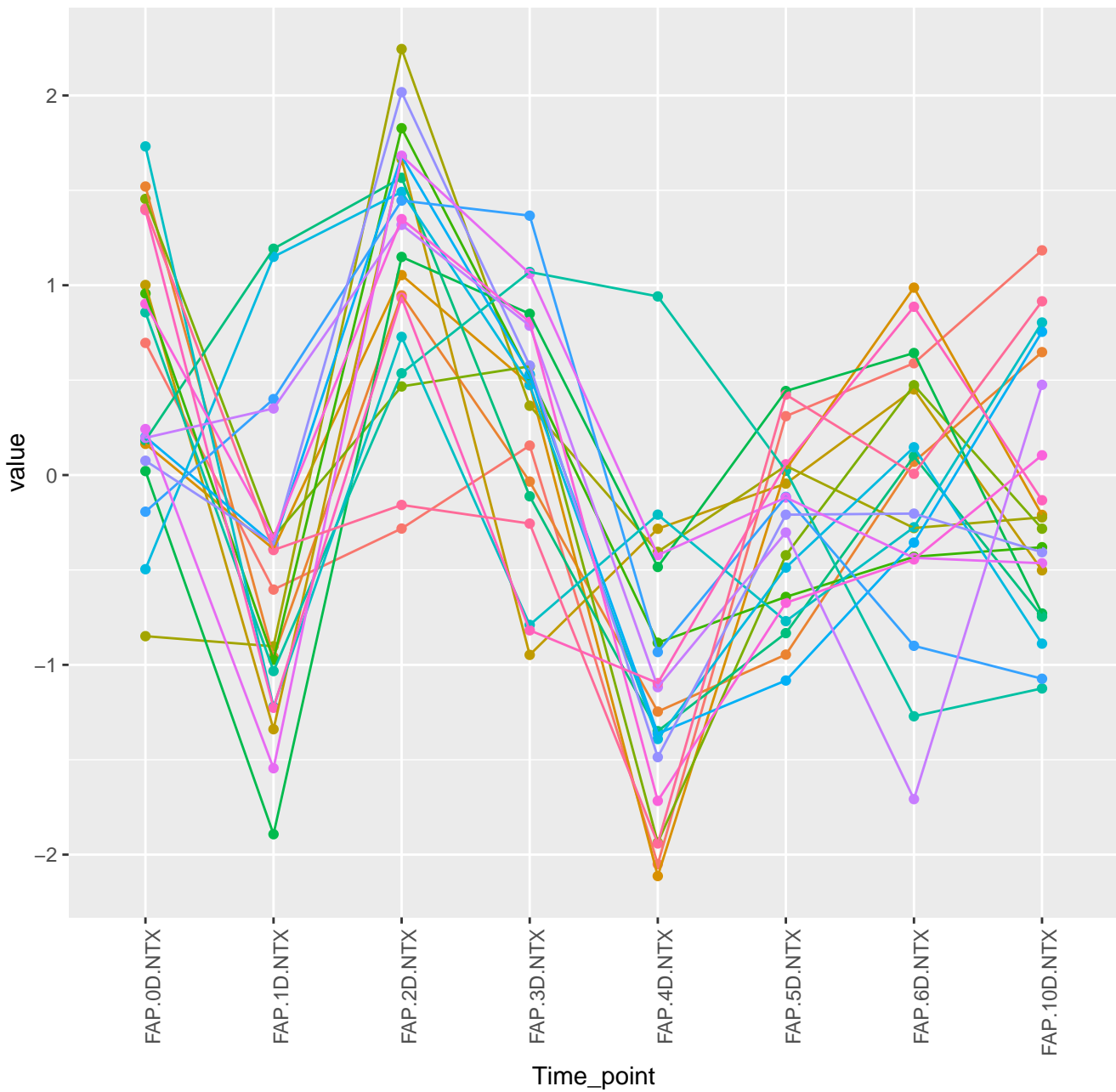
22 genes – cluster 434



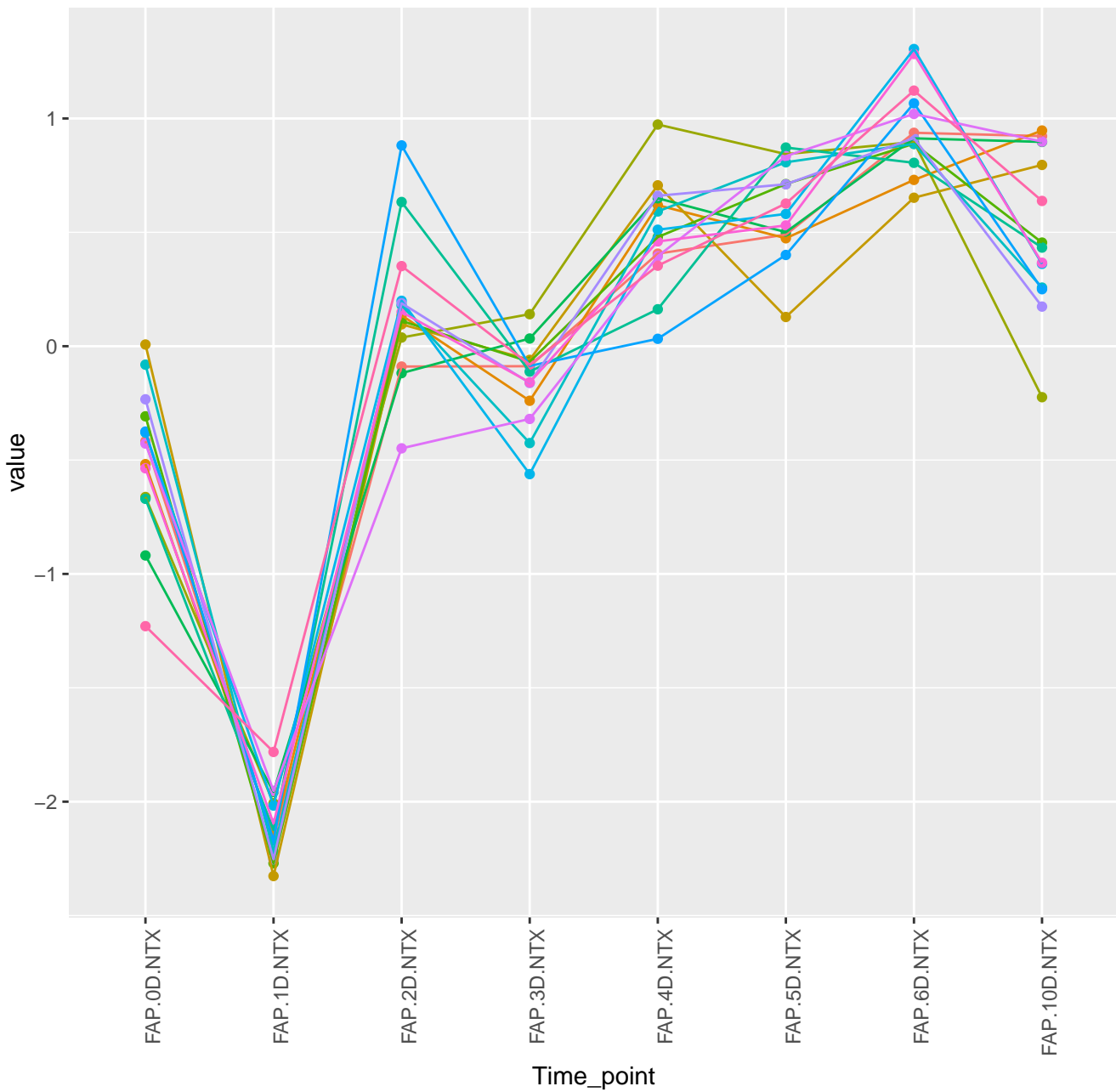
24 genes – cluster 435



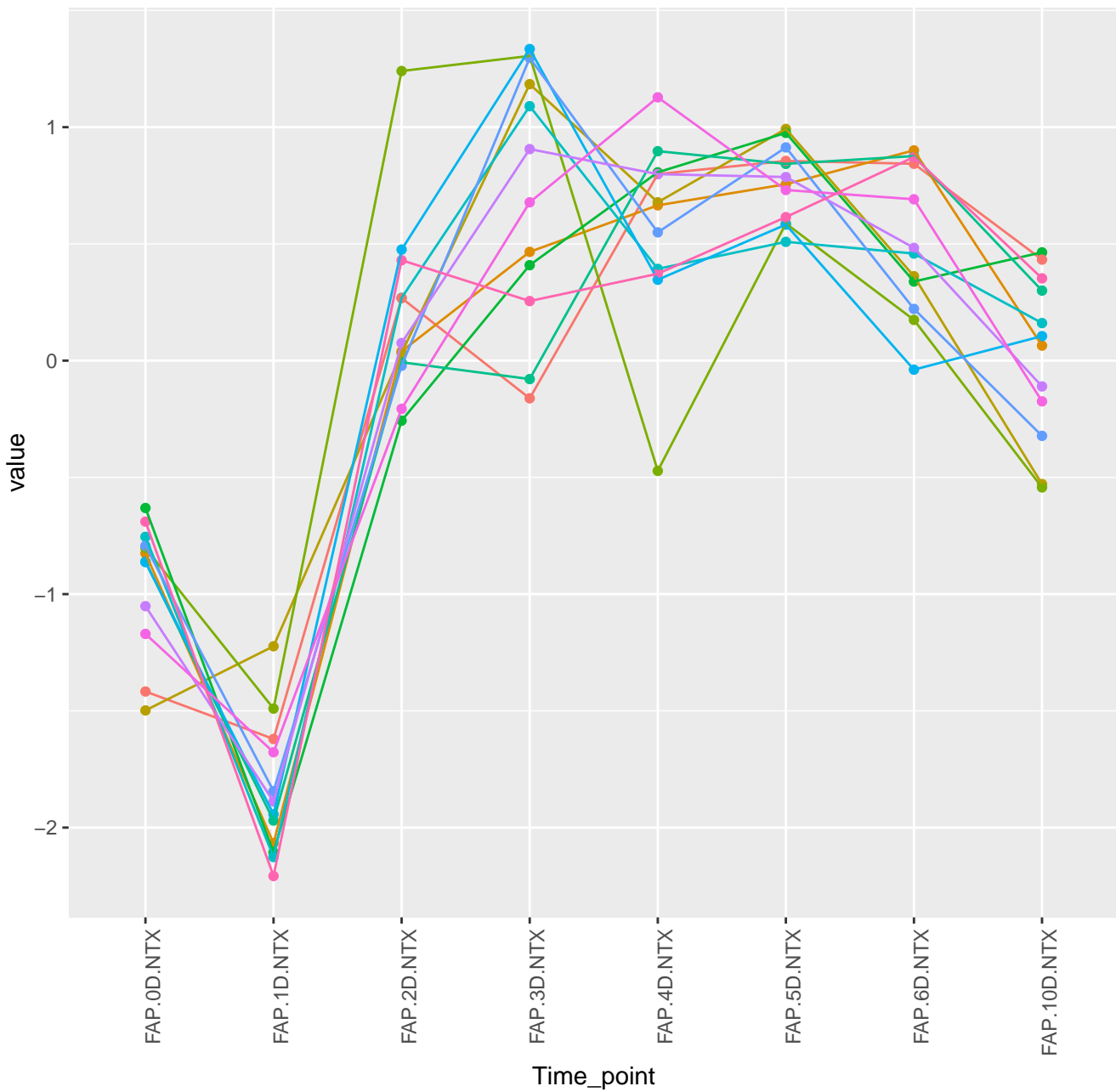
20 genes – cluster 436



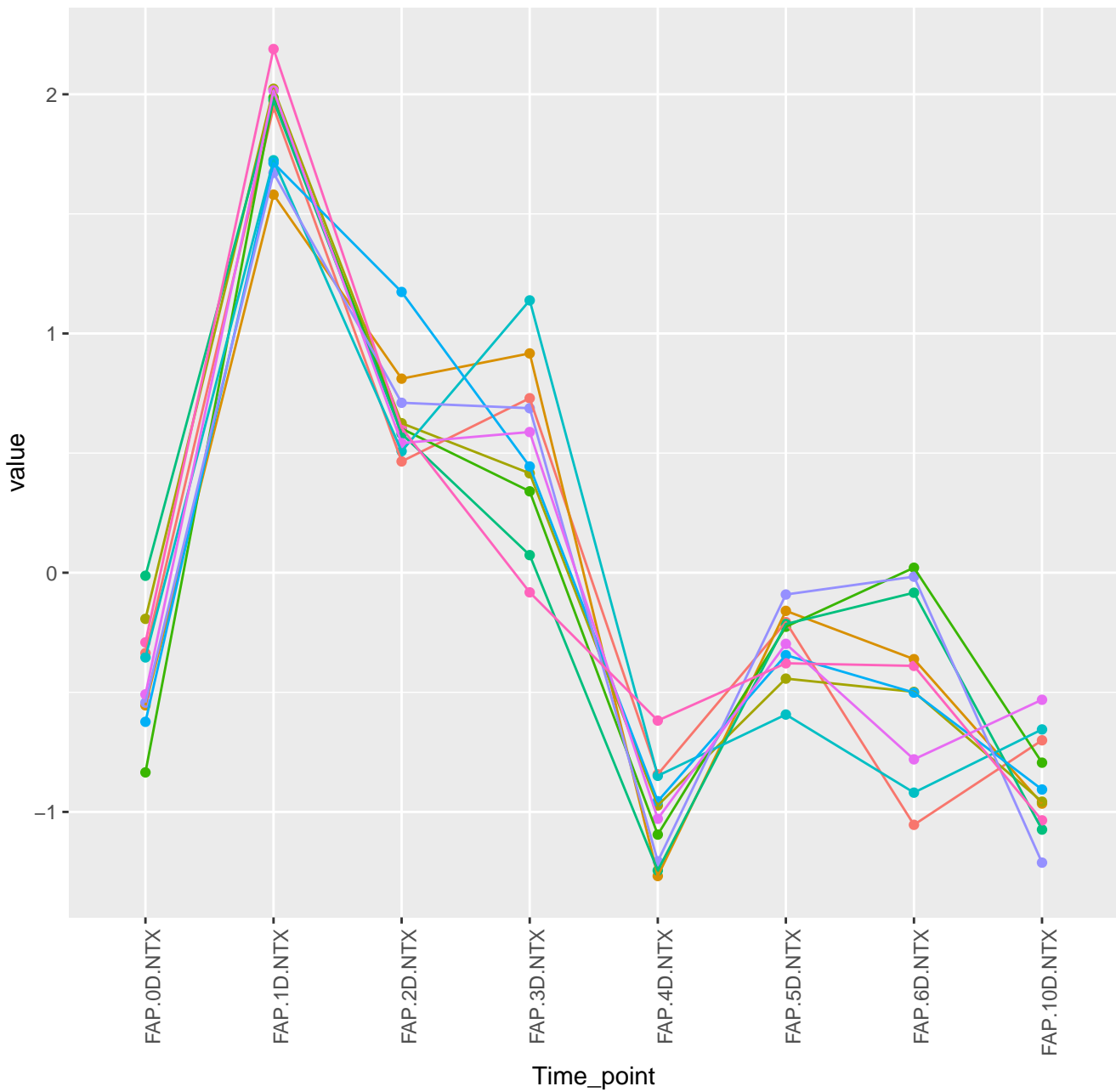
14 genes – cluster 437



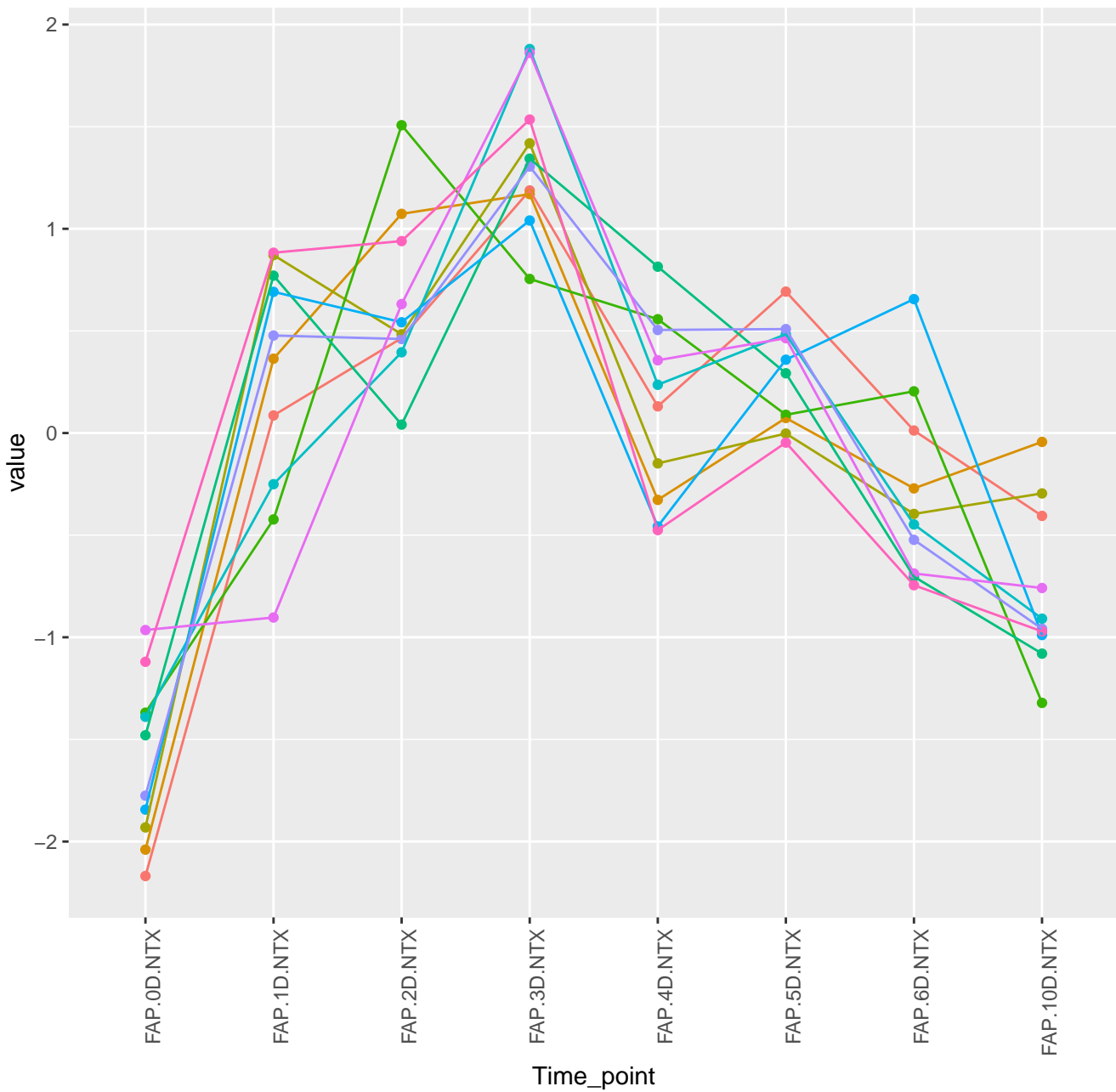
12 genes – cluster 438



10 genes – cluster 439

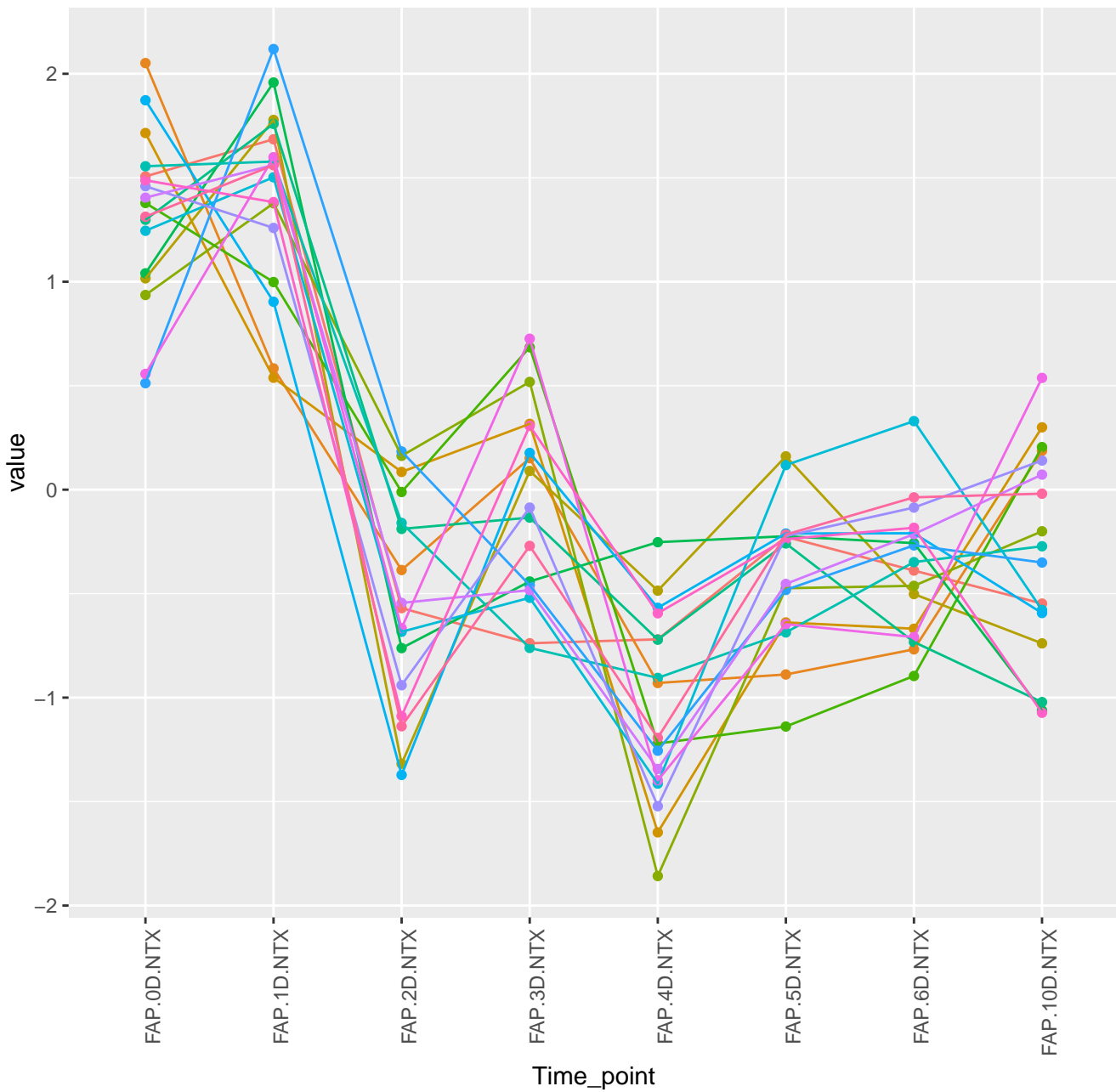


10 genes – cluster 440

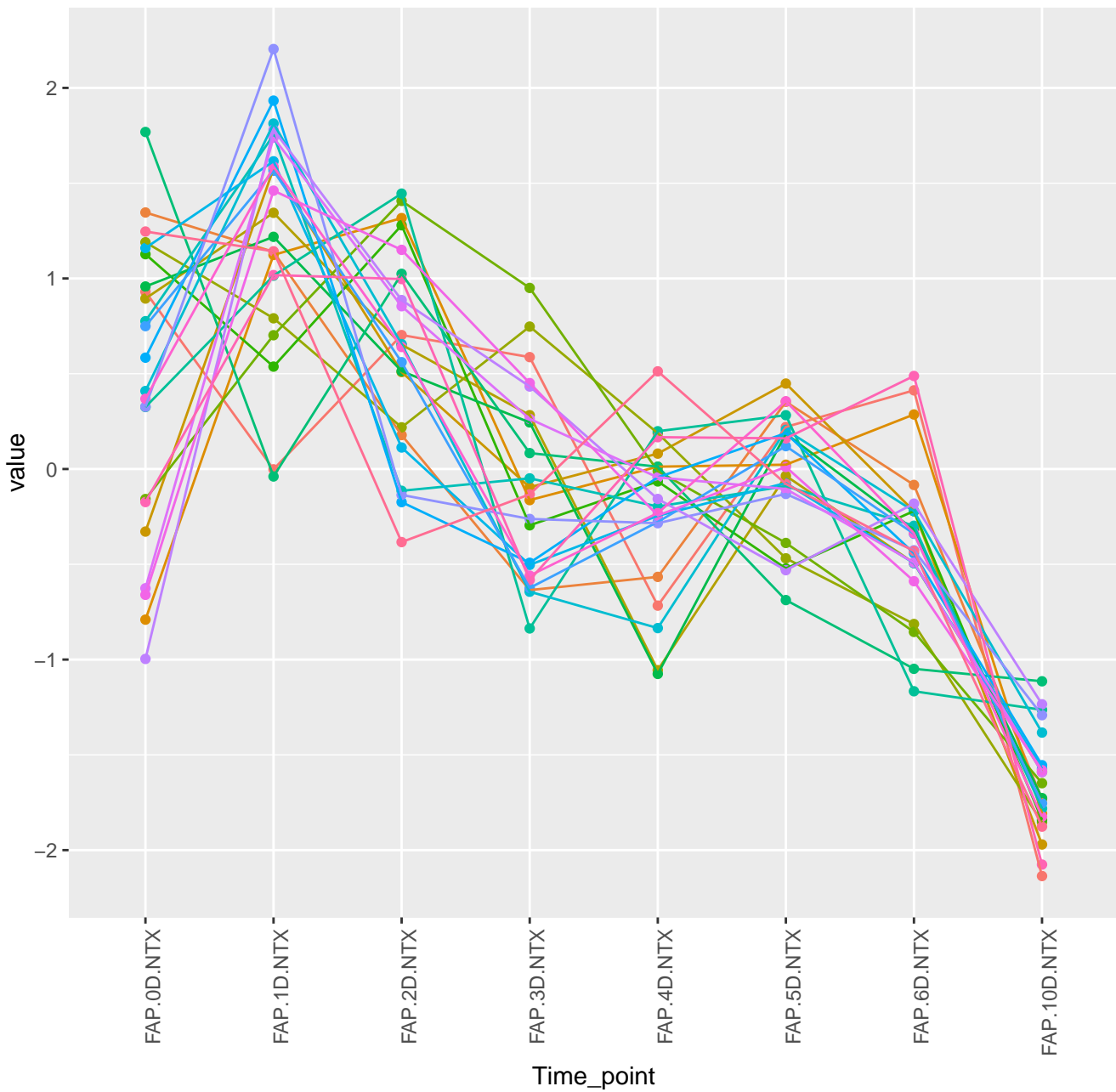




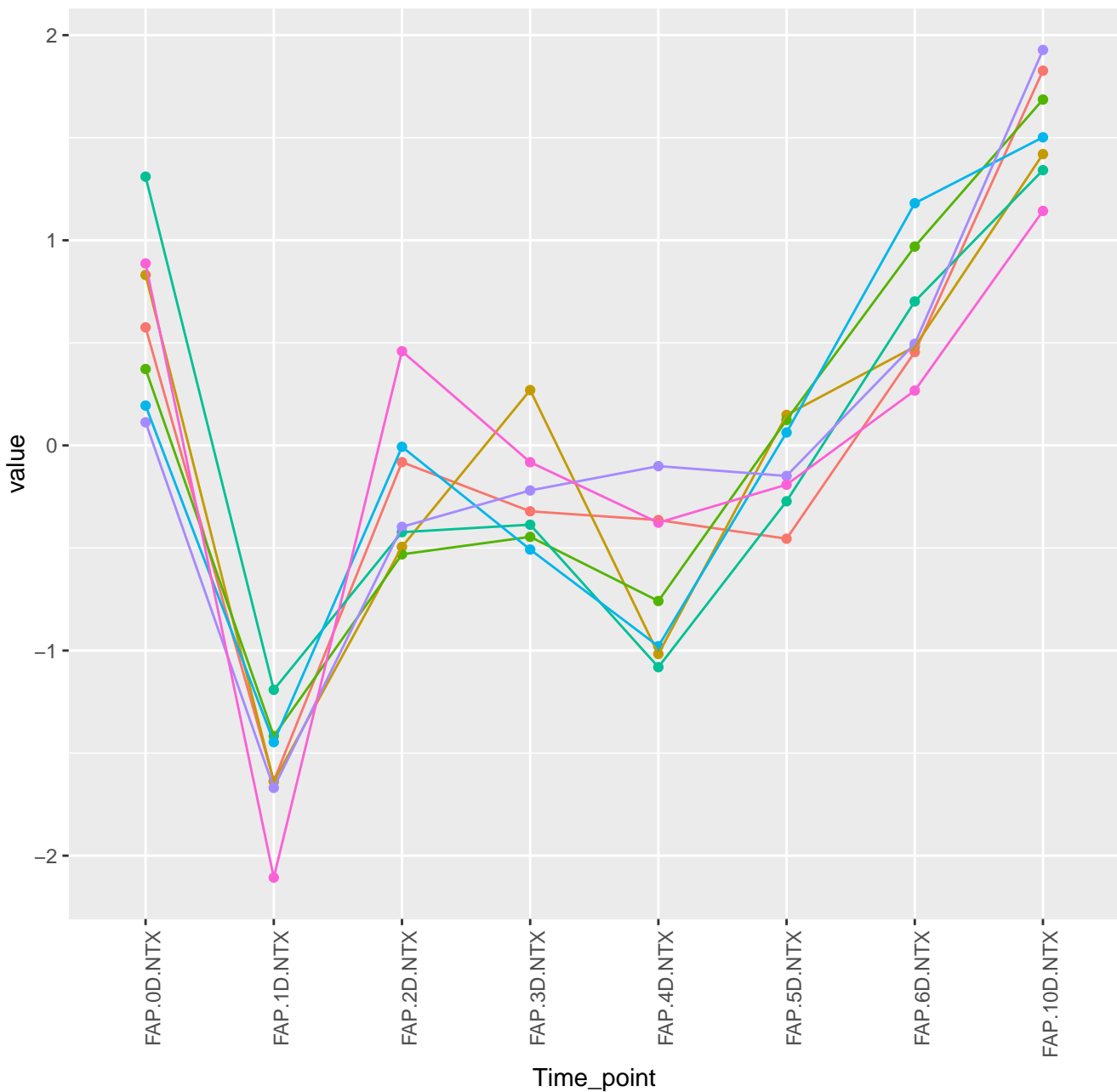
17 genes – cluster 441



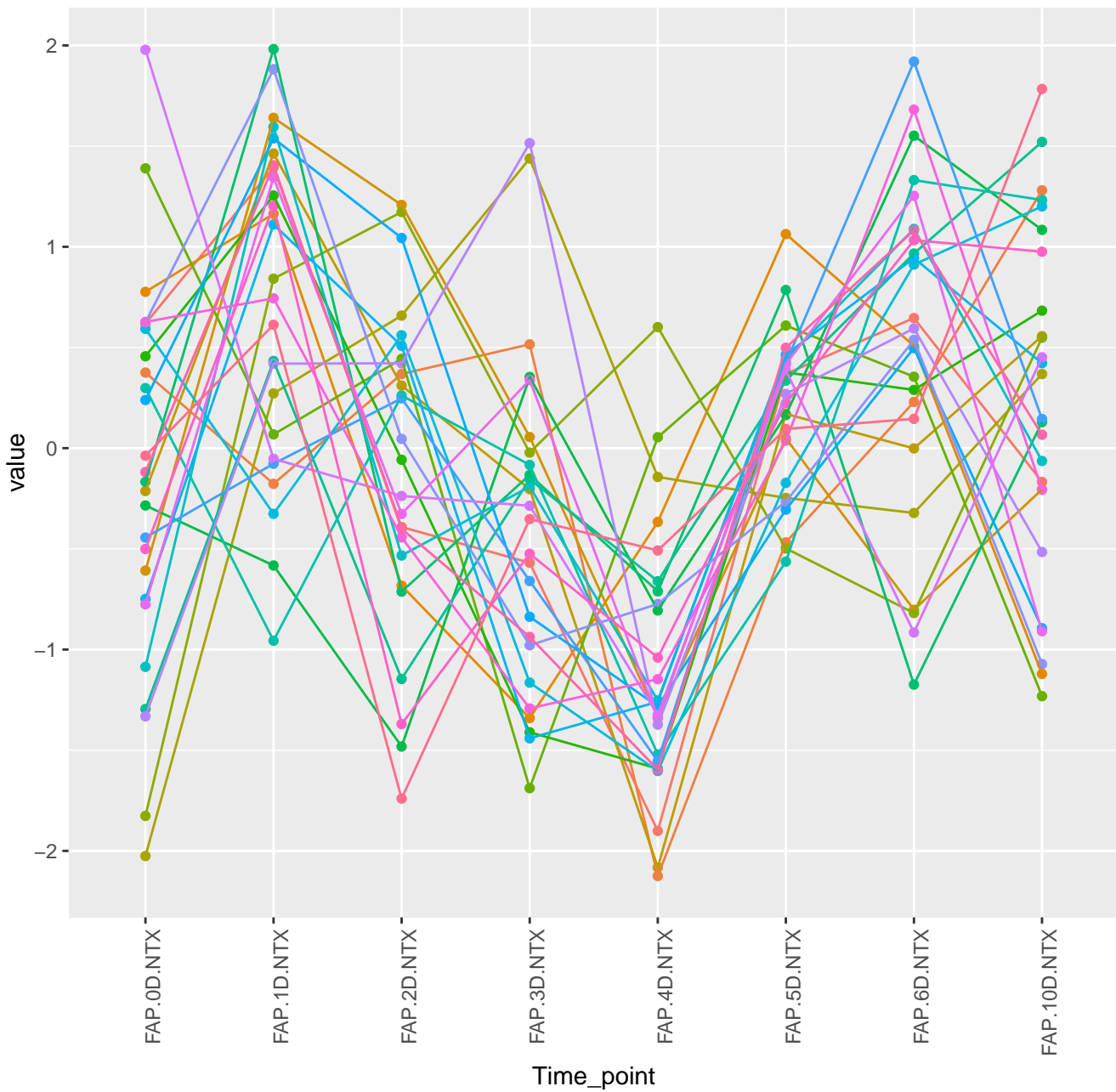
23 genes – cluster 442



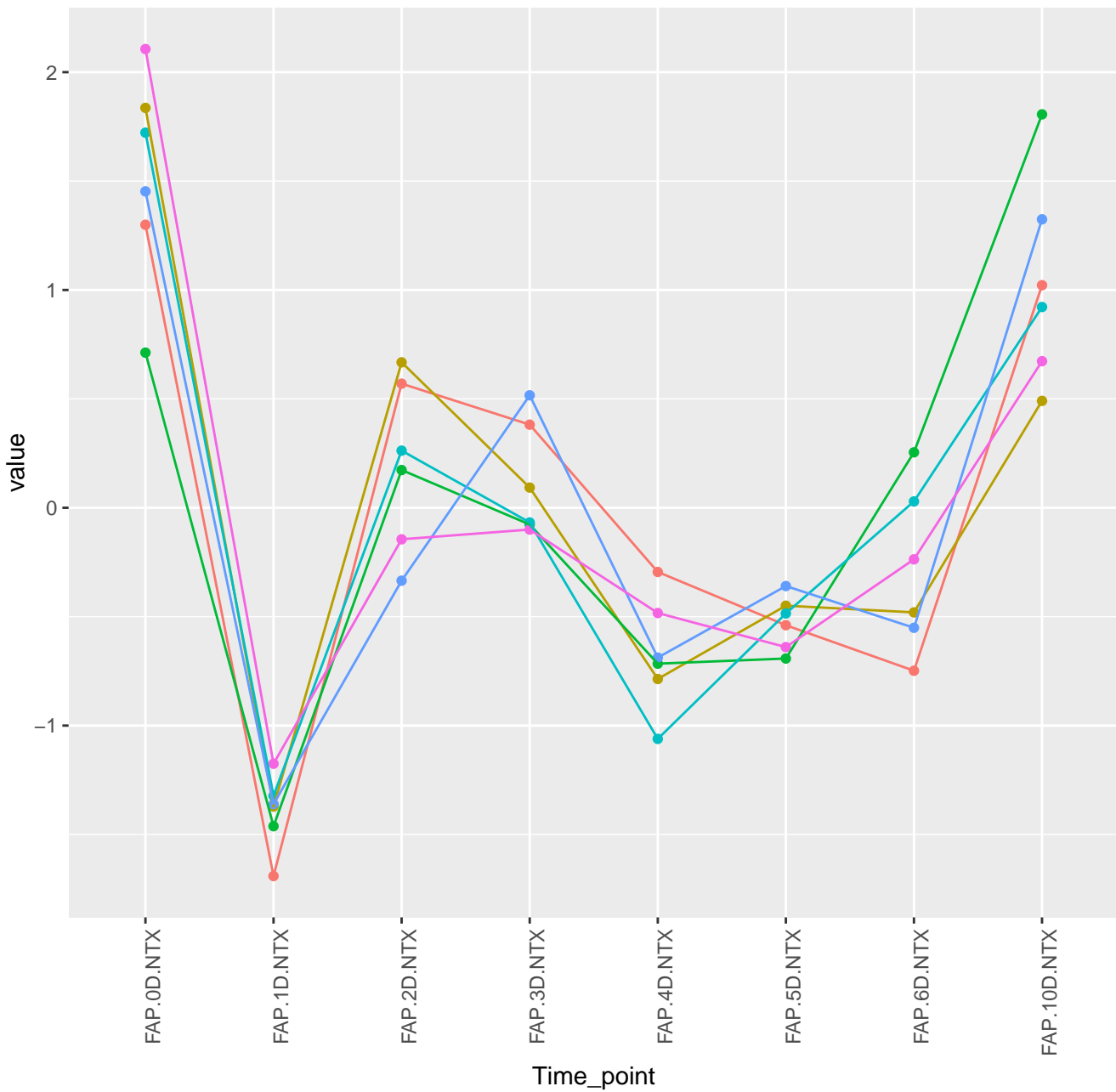
7 genes – cluster 443



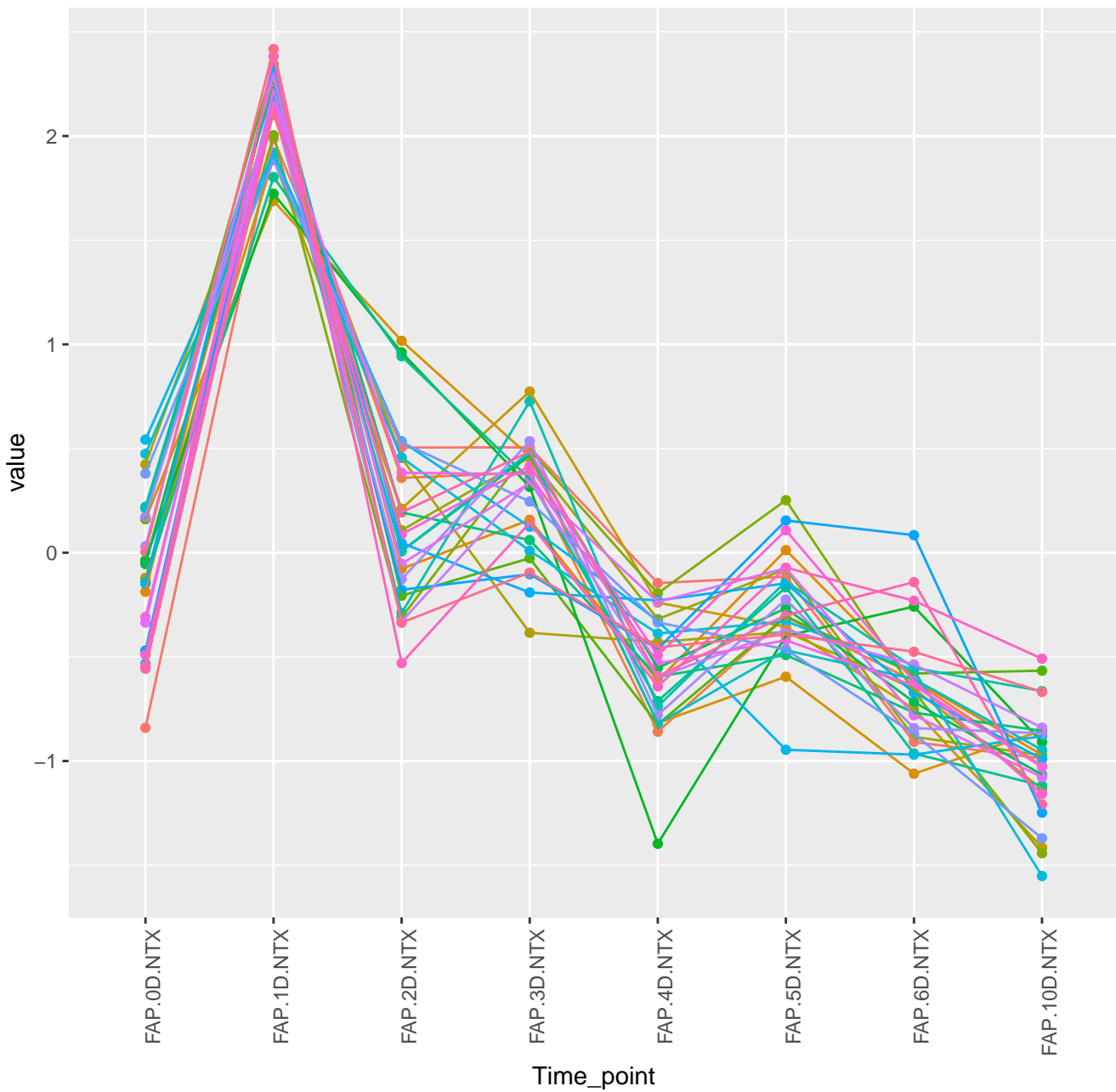
26 genes – cluster 444



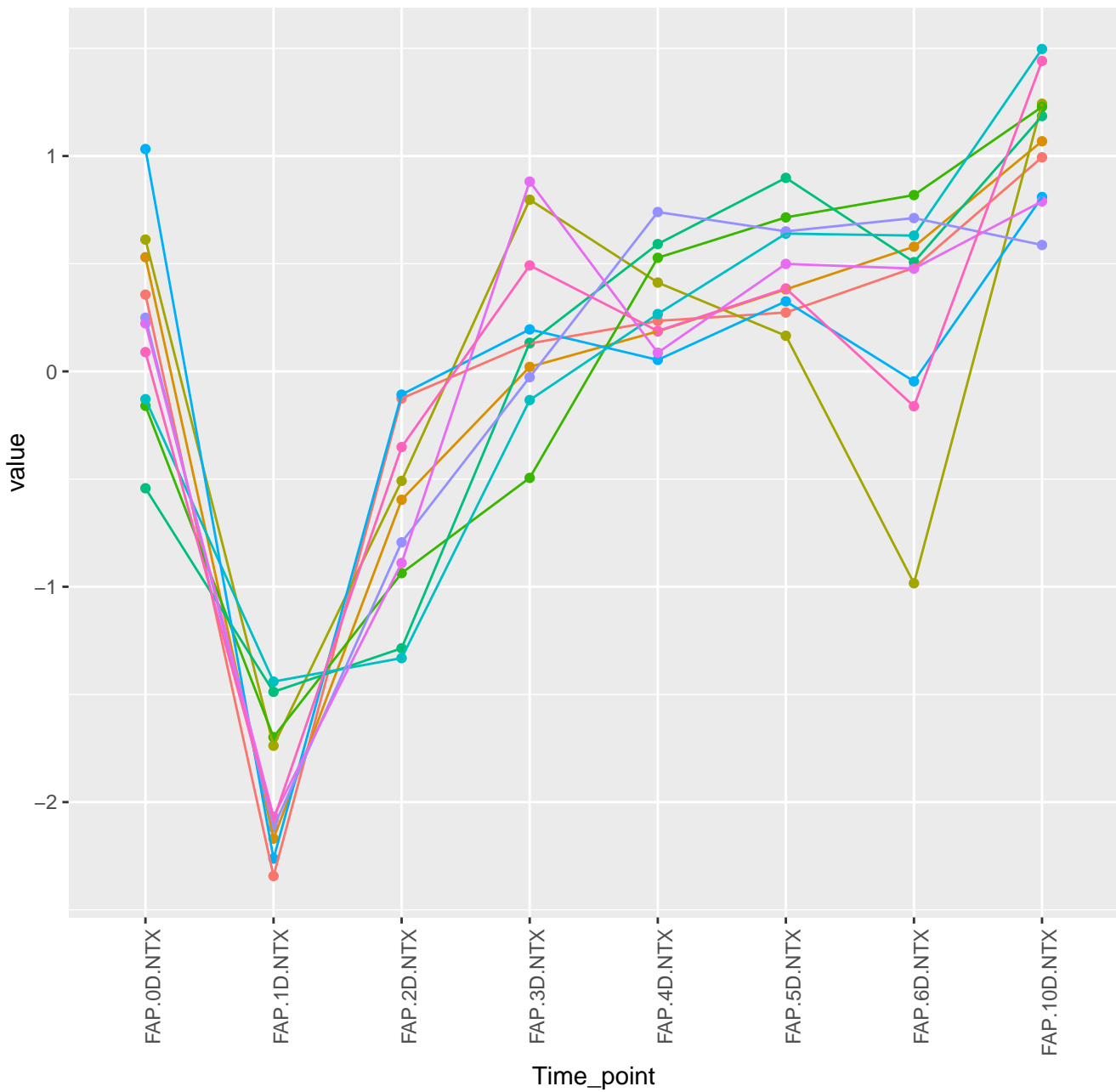
6 genes – cluster 445



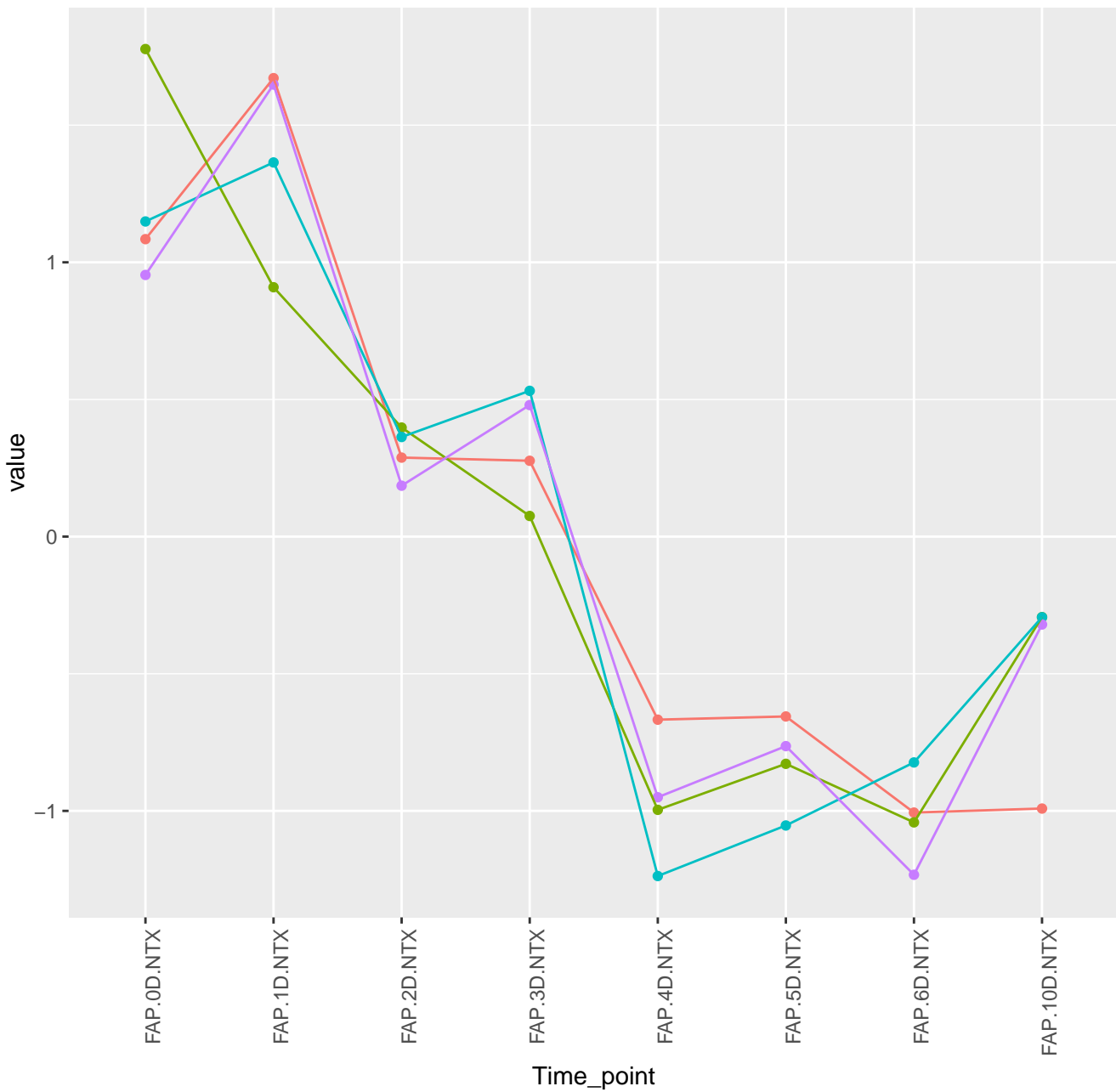
28 genes – cluster 446



10 genes – cluster 447

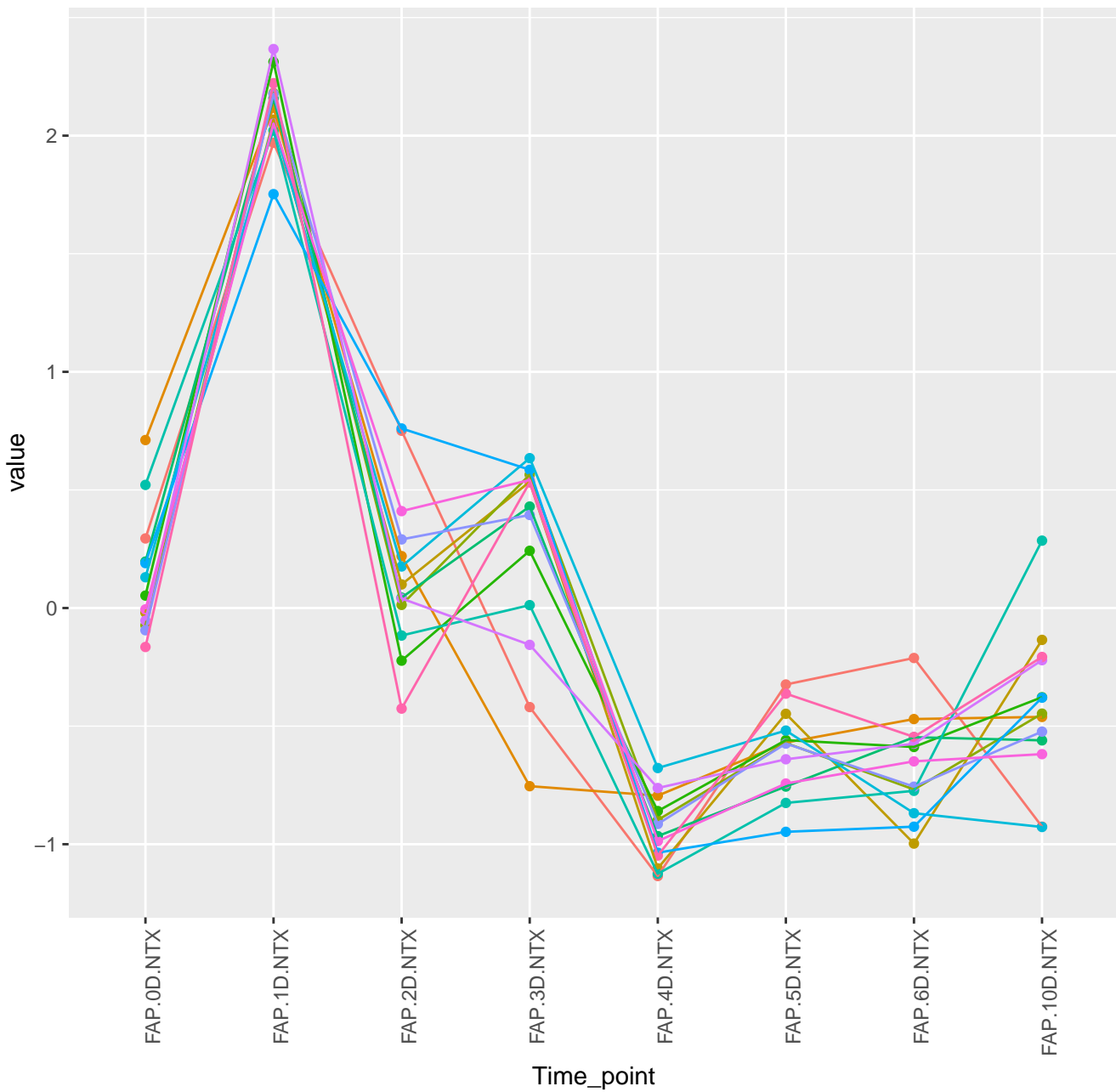


4 genes – cluster 448

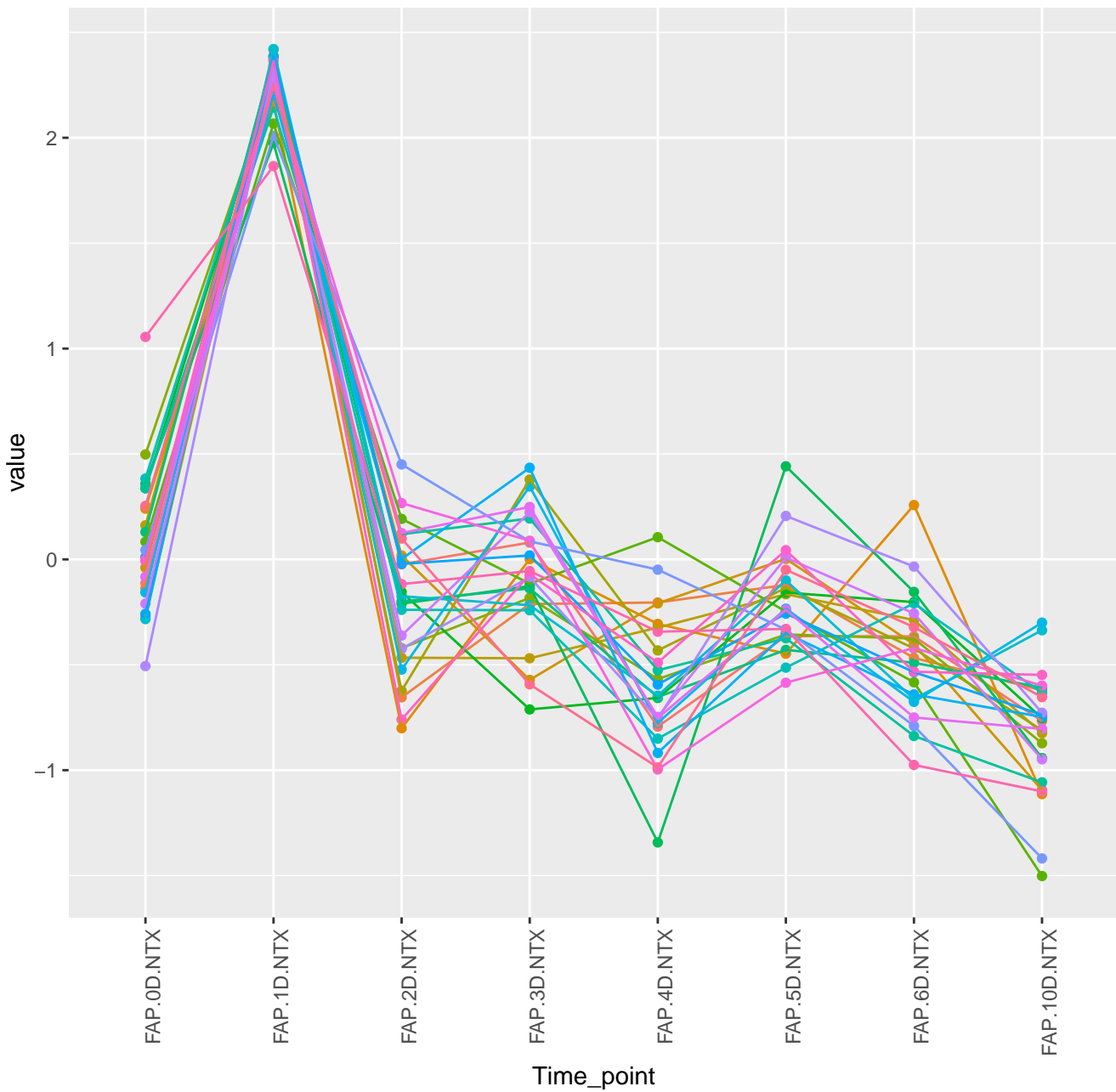




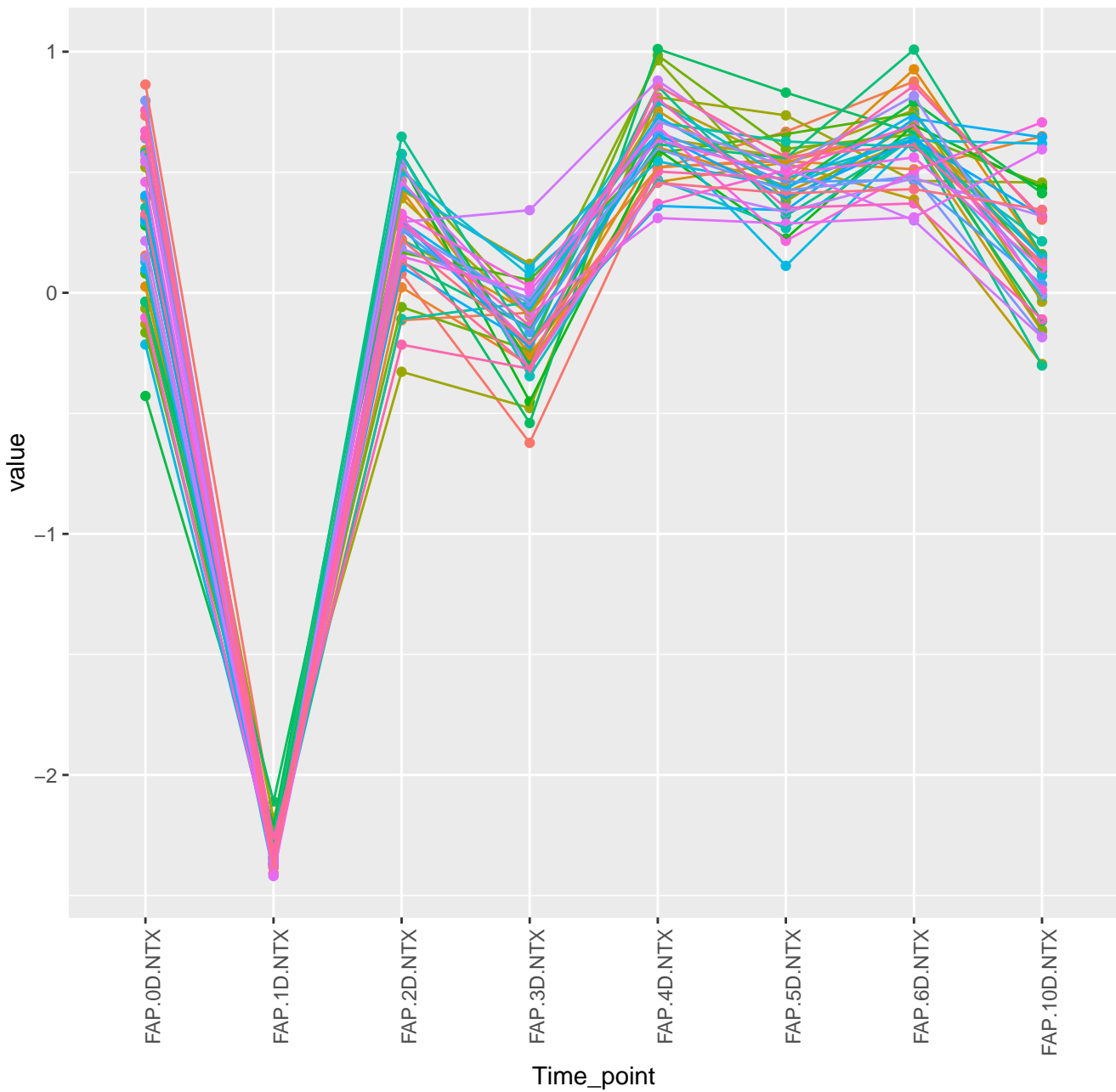
13 genes – cluster 449



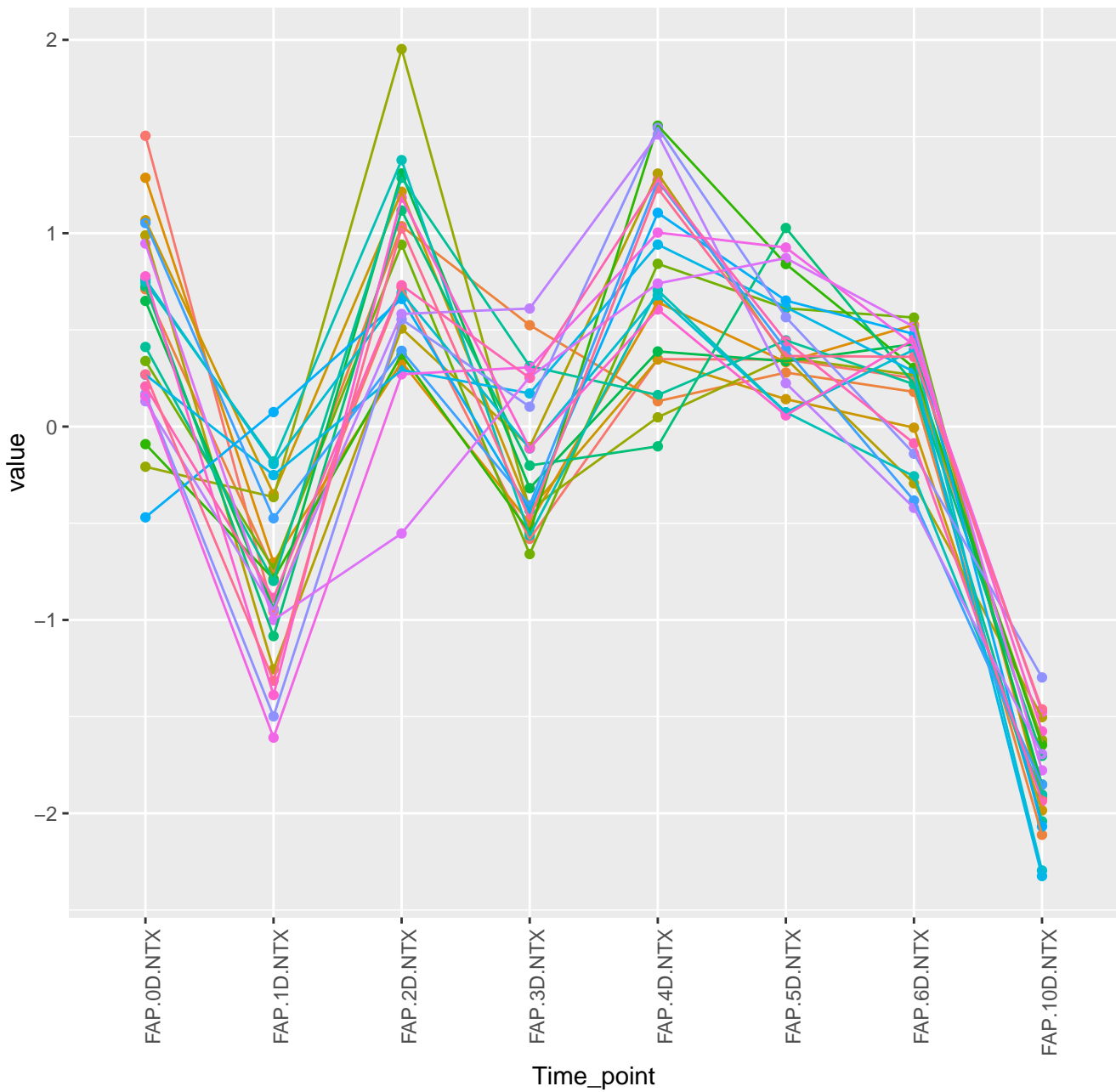
25 genes – cluster 450



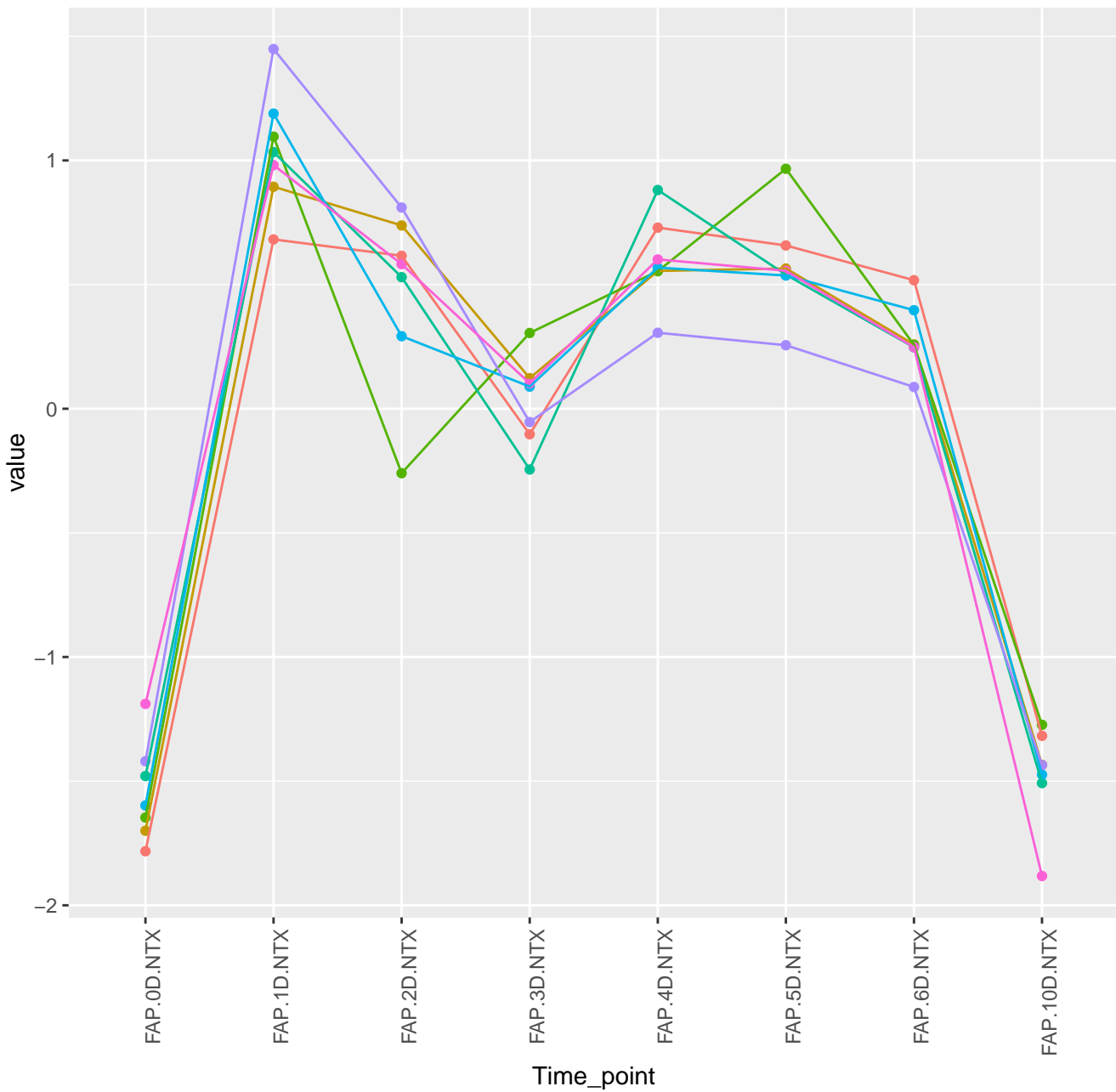
38 genes – cluster 451



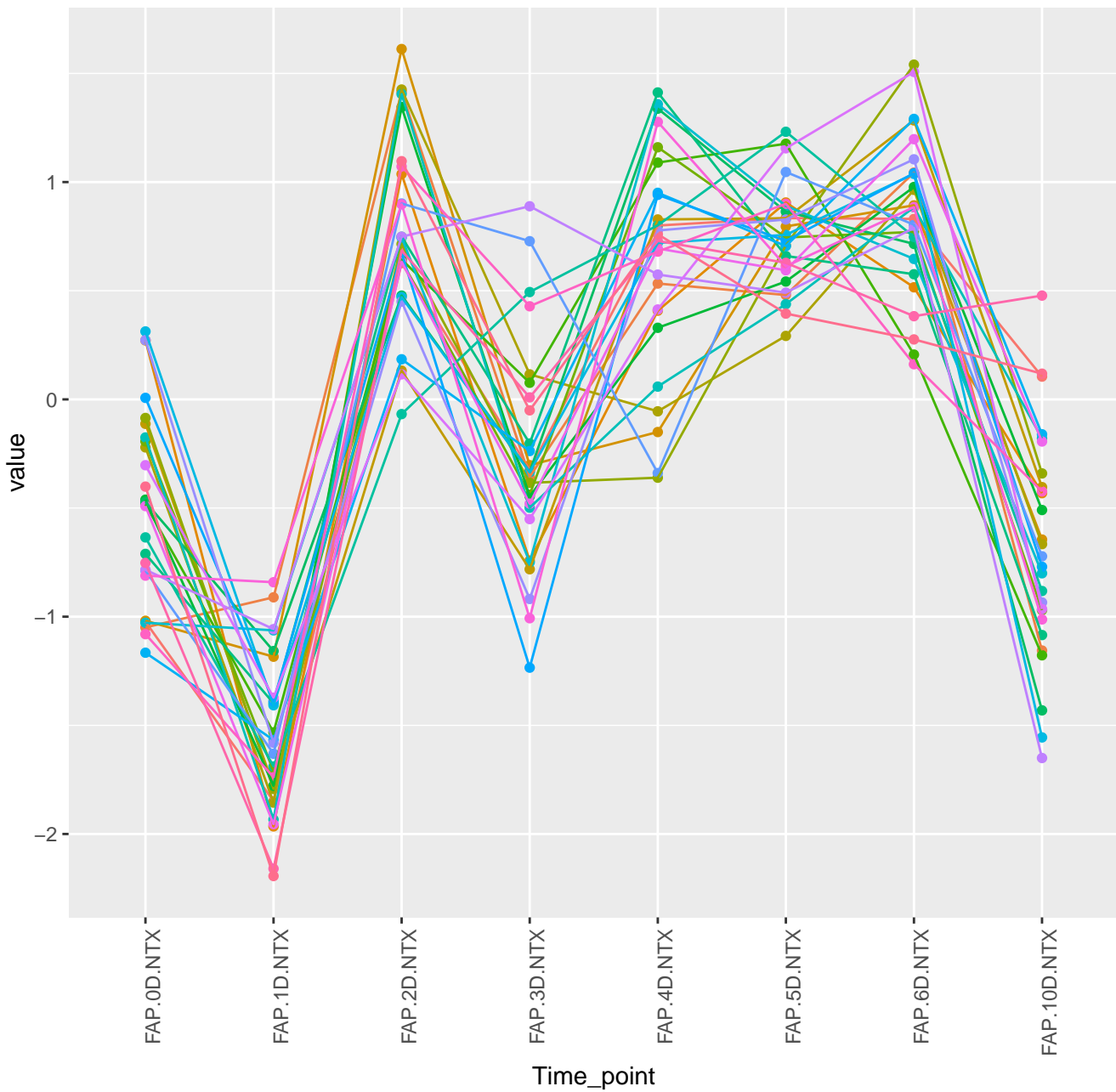
23 genes – cluster 452



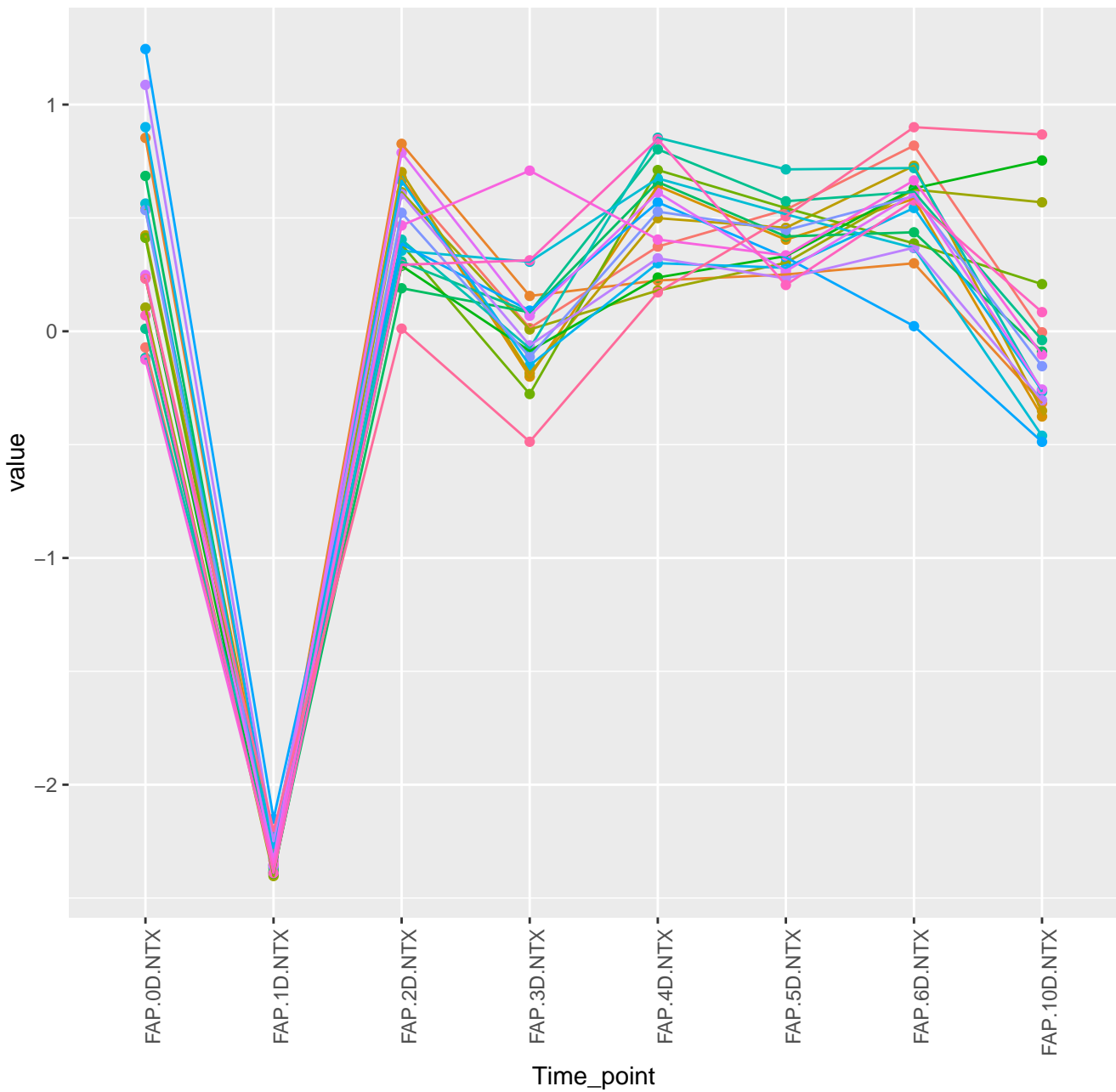
7 genes – cluster 453



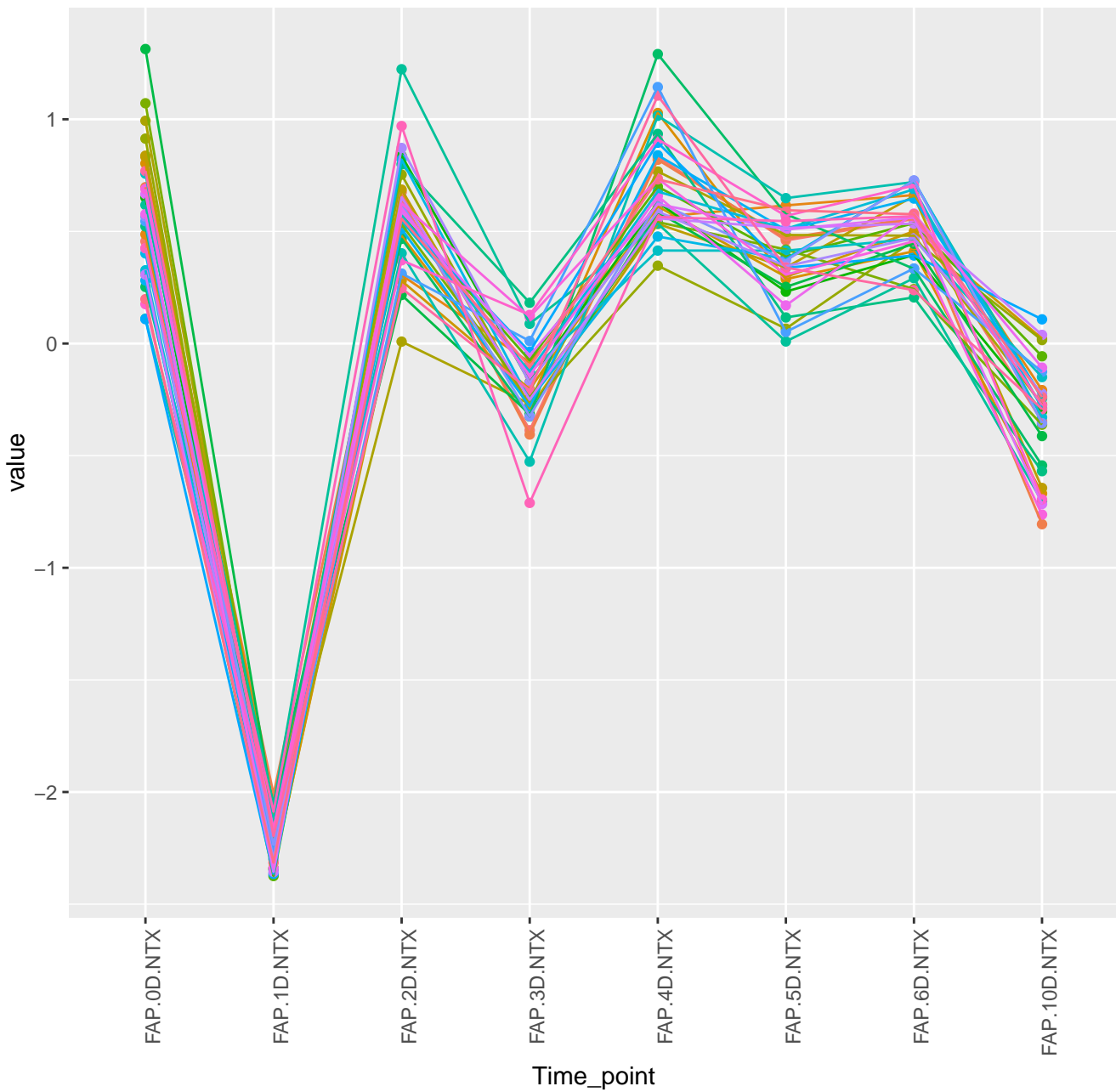
27 genes – cluster 454



19 genes – cluster 455

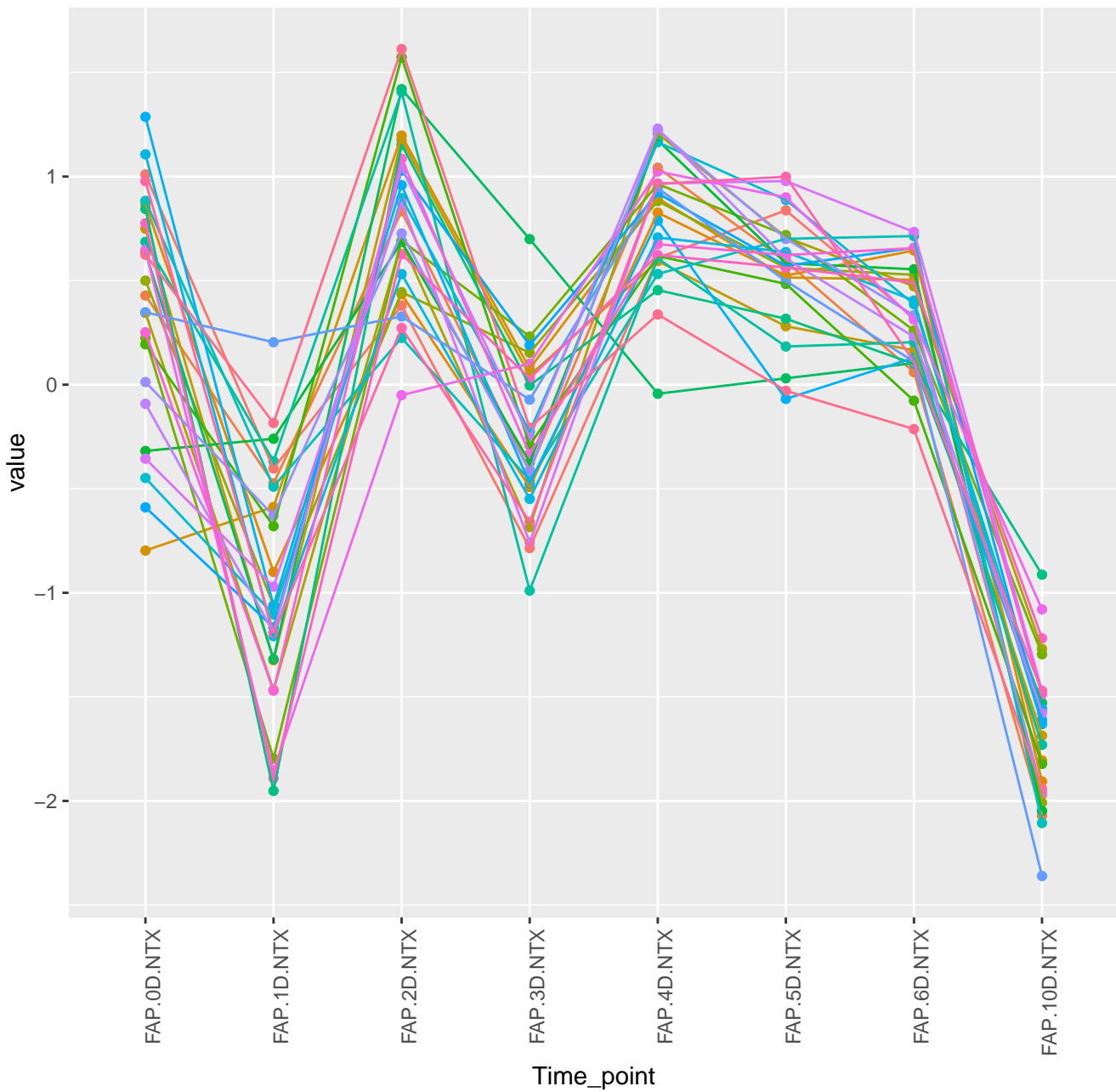


32 genes – cluster 456

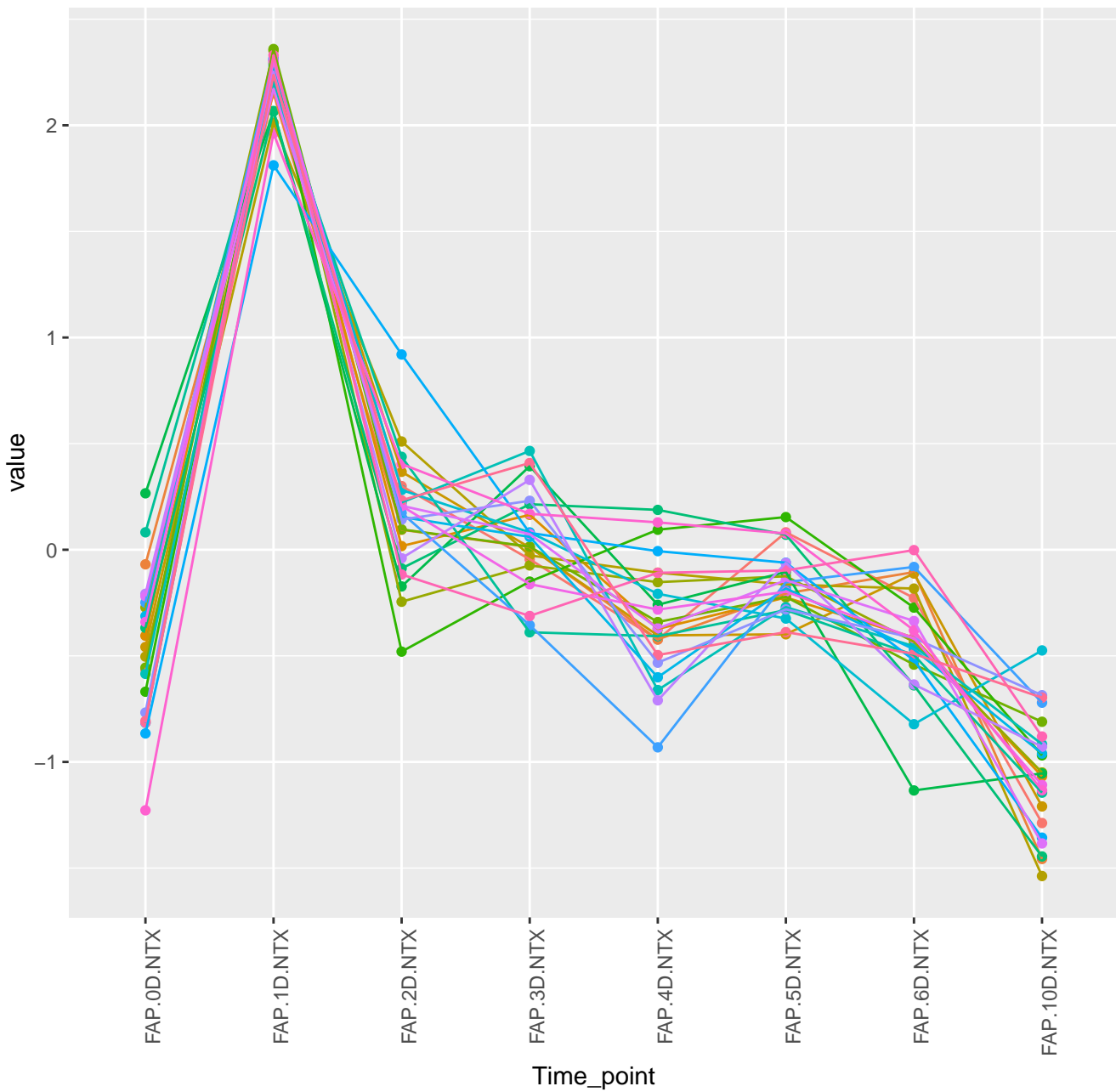




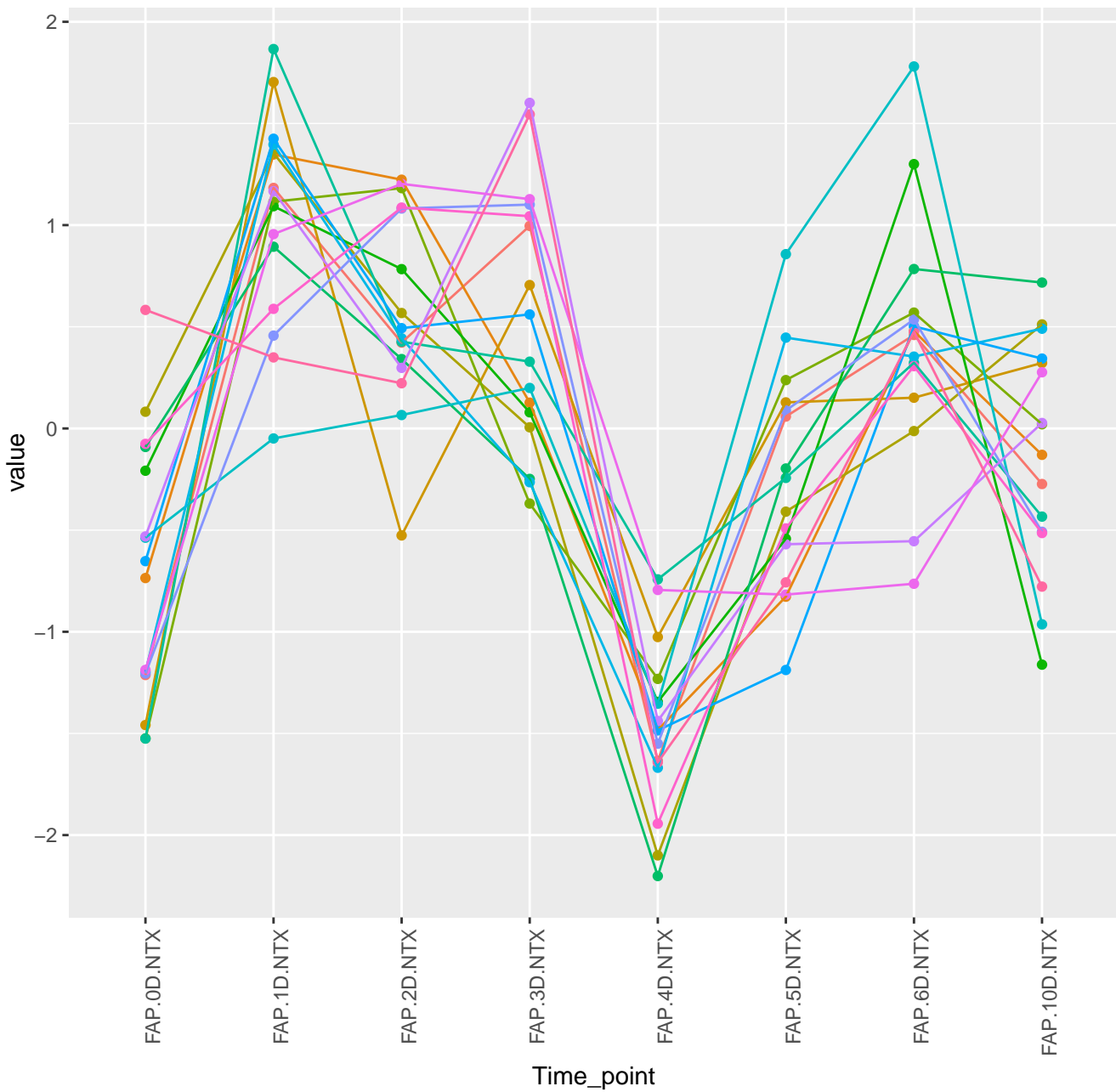
27 genes – cluster 457



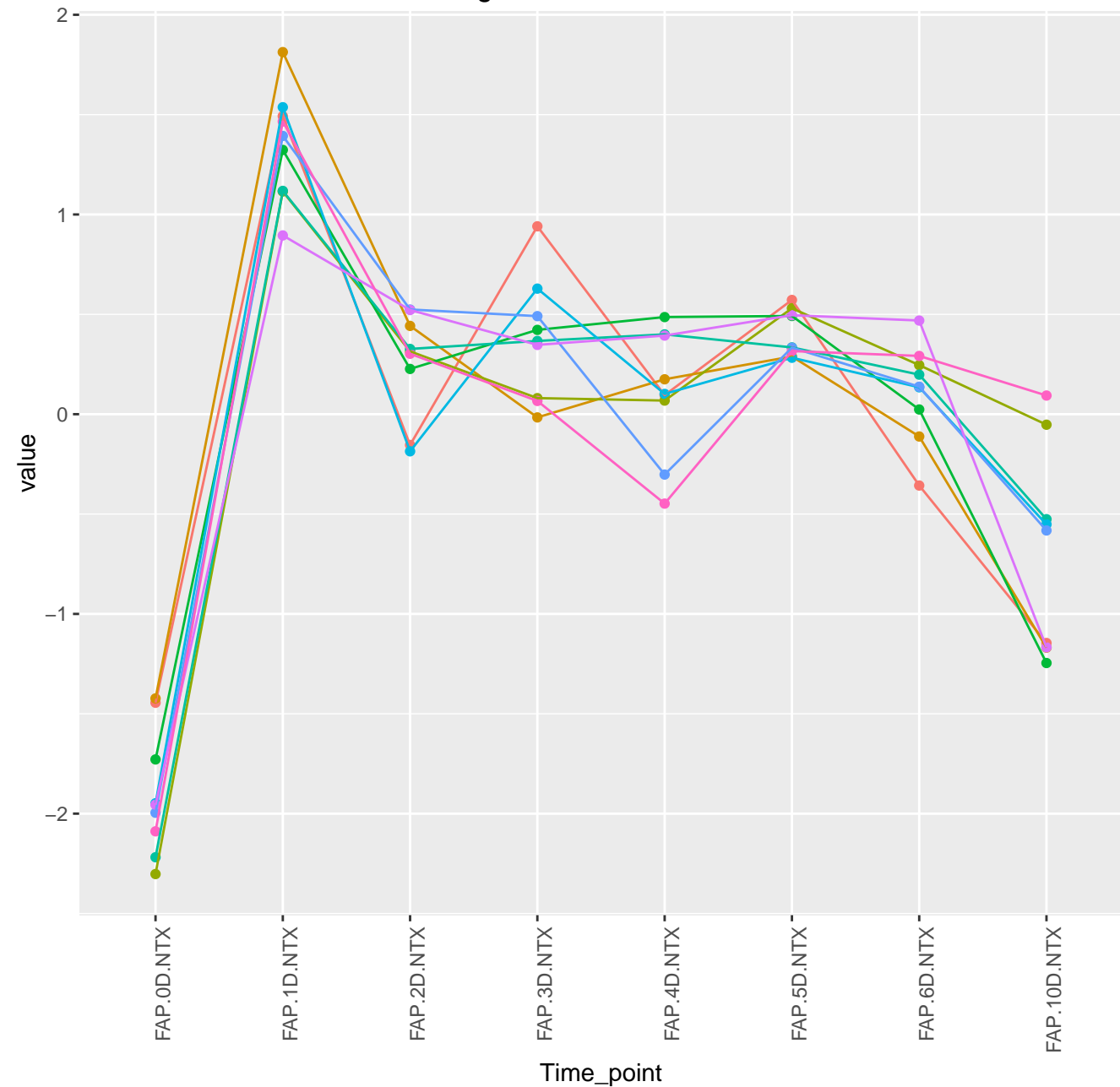
23 genes – cluster 458



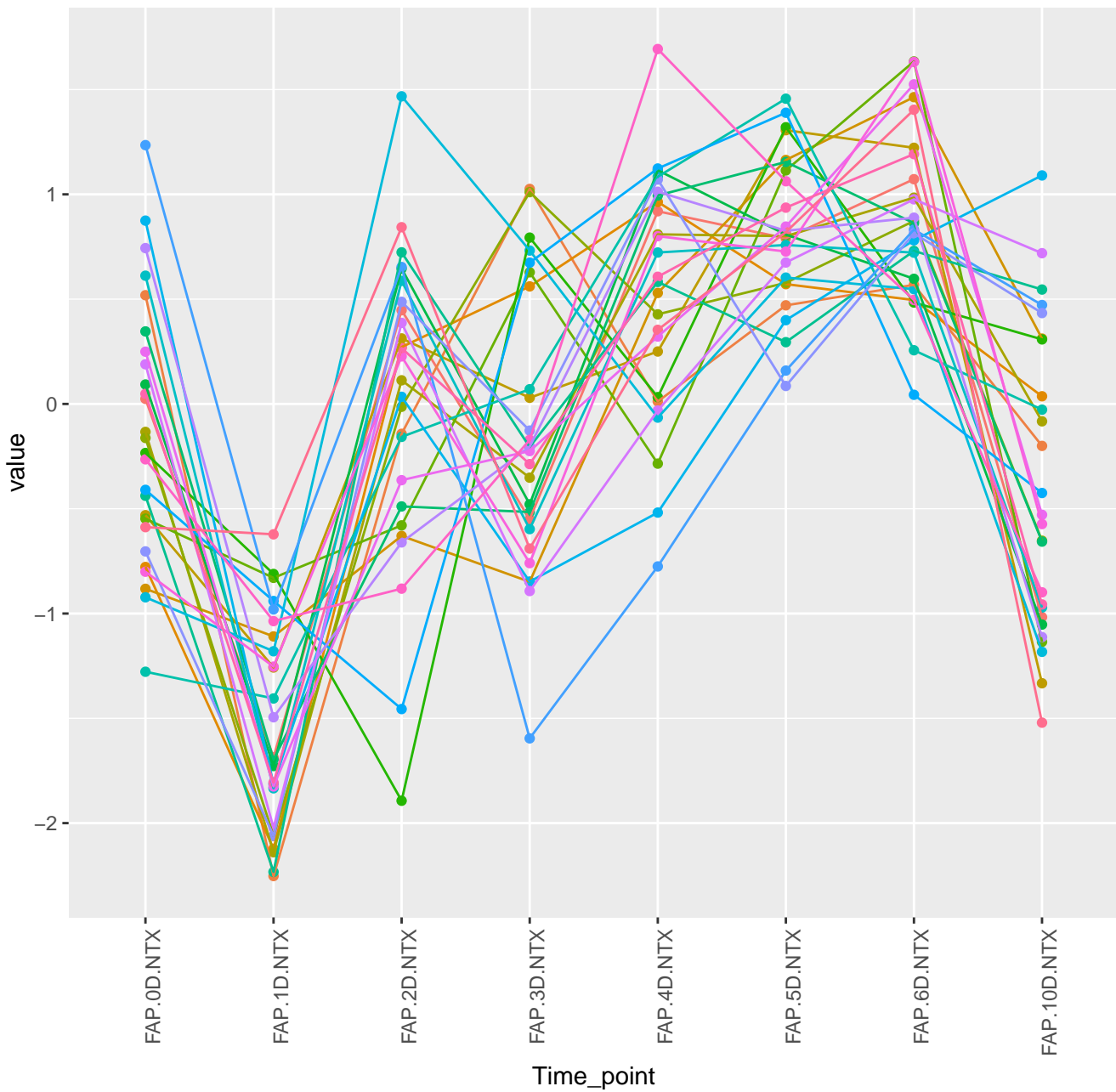
16 genes – cluster 459



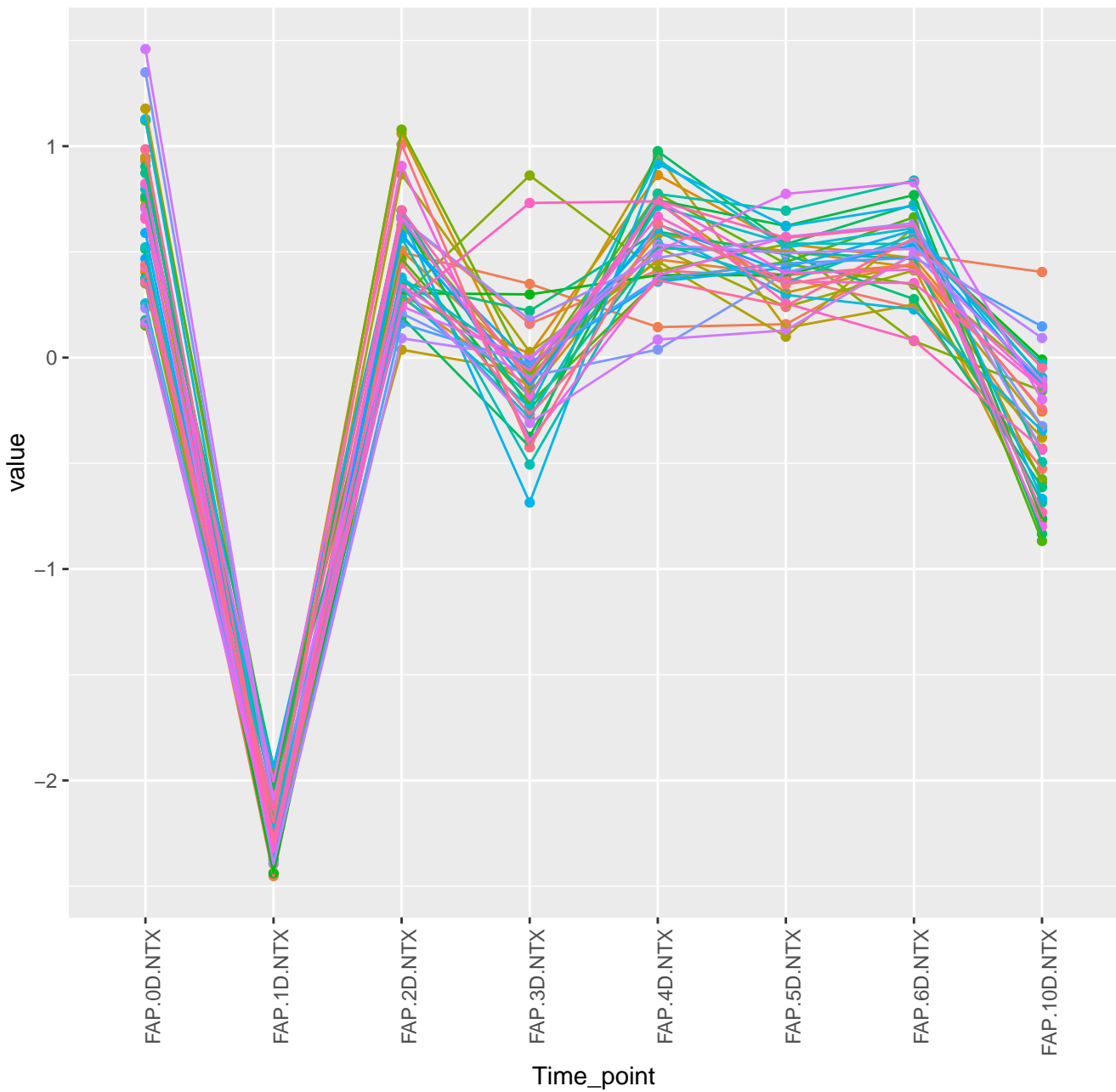
9 genes – cluster 460



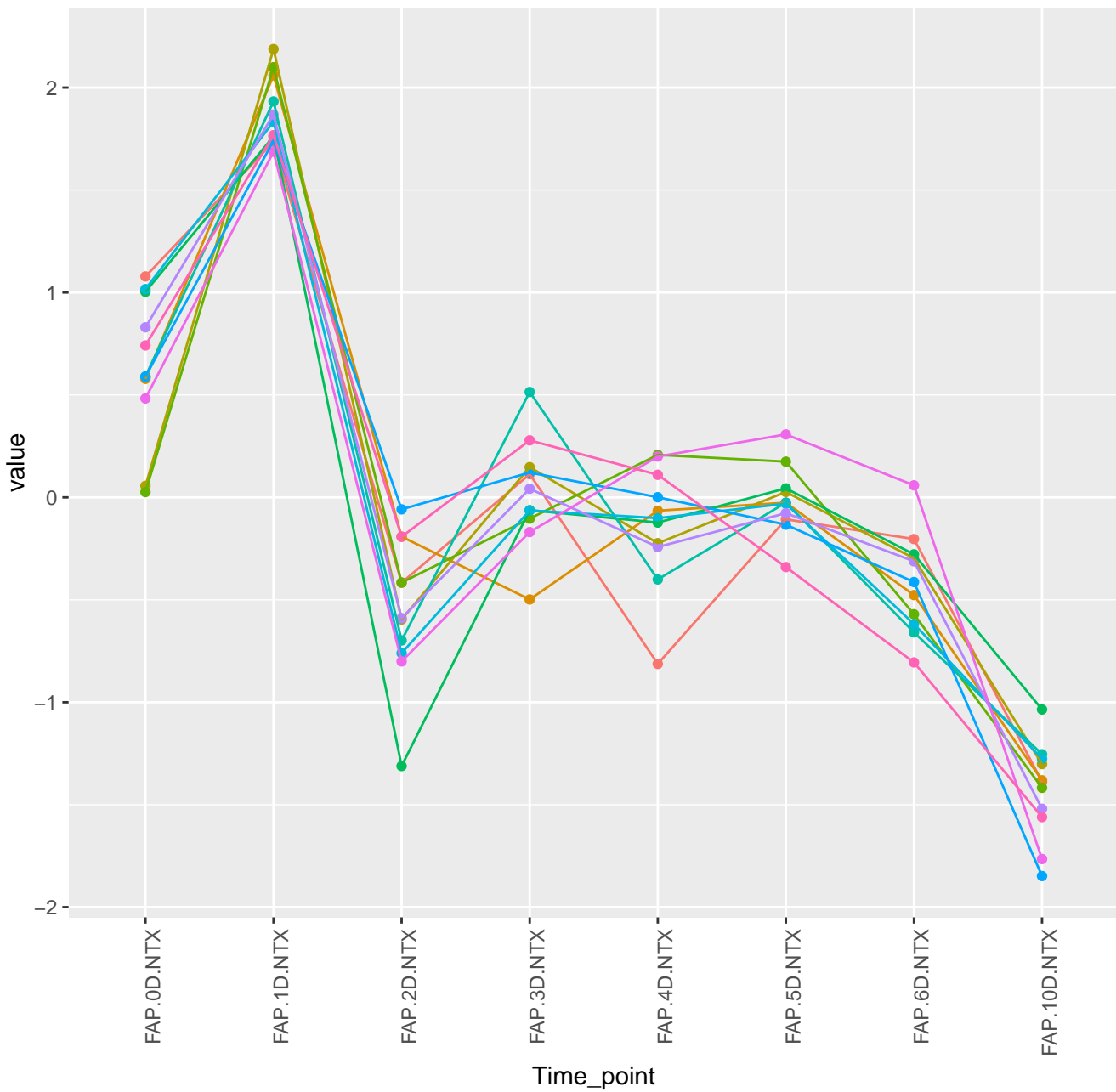
26 genes – cluster 461



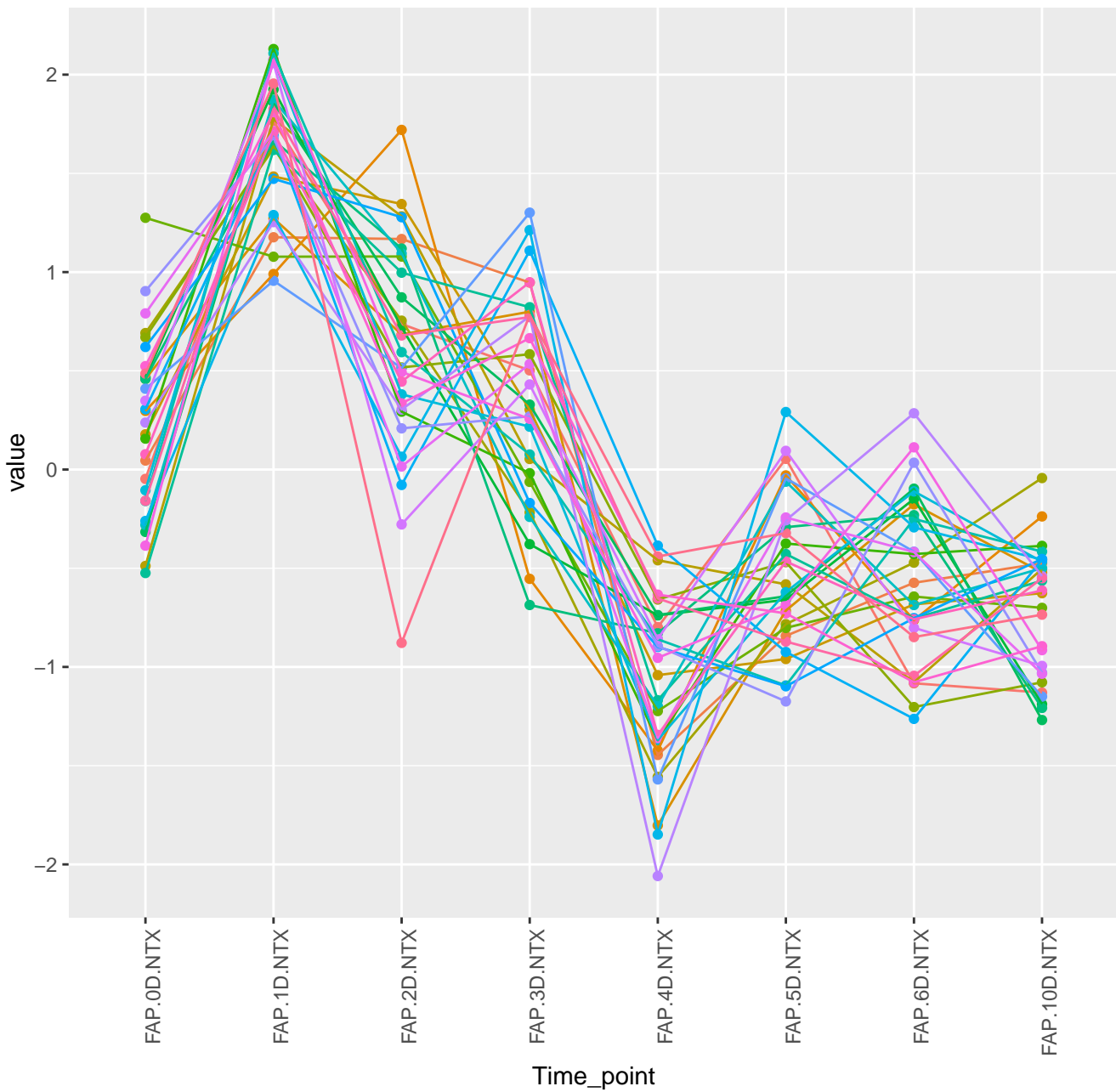
38 genes – cluster 462



11 genes – cluster 463

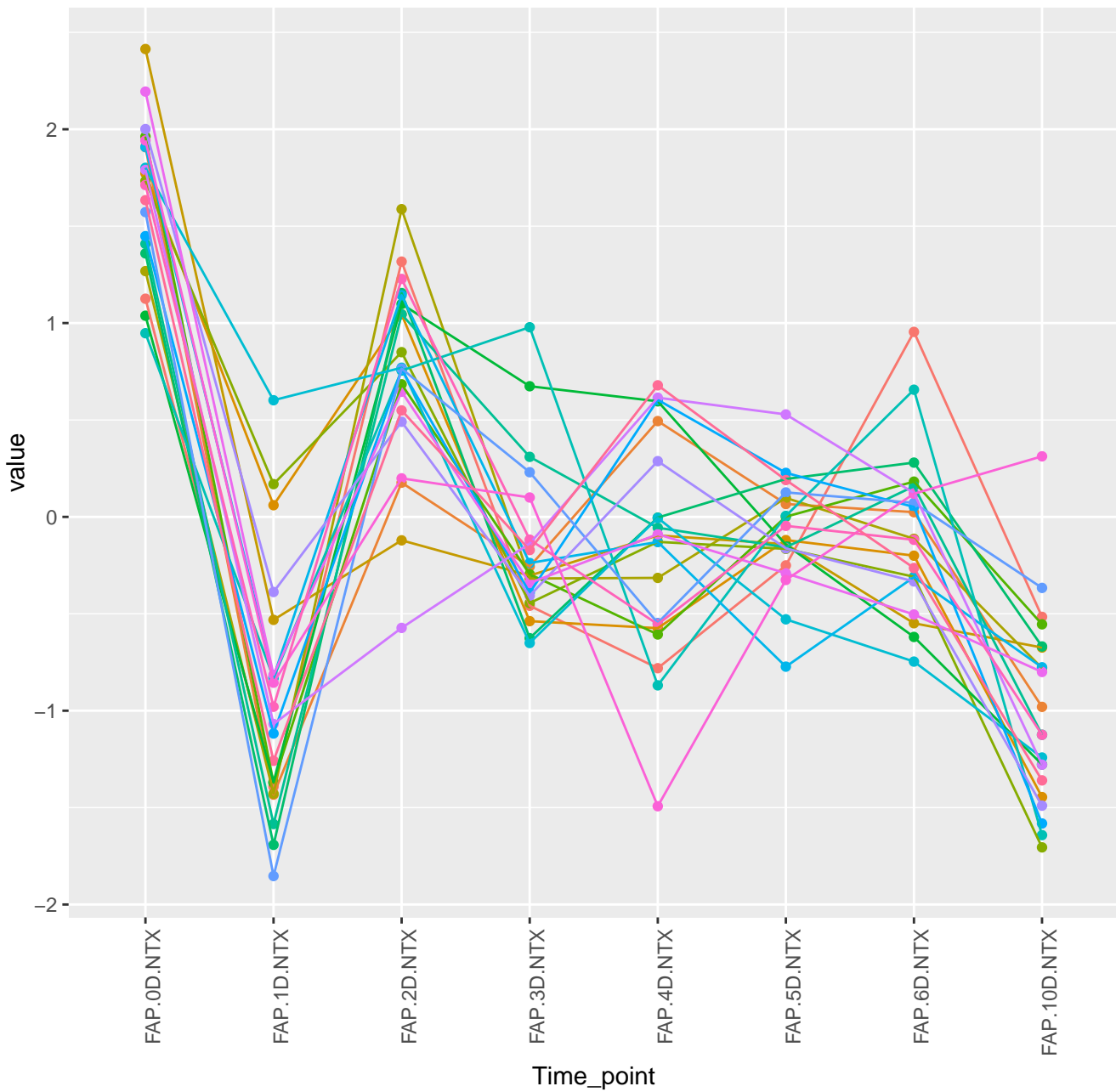


30 genes – cluster 464

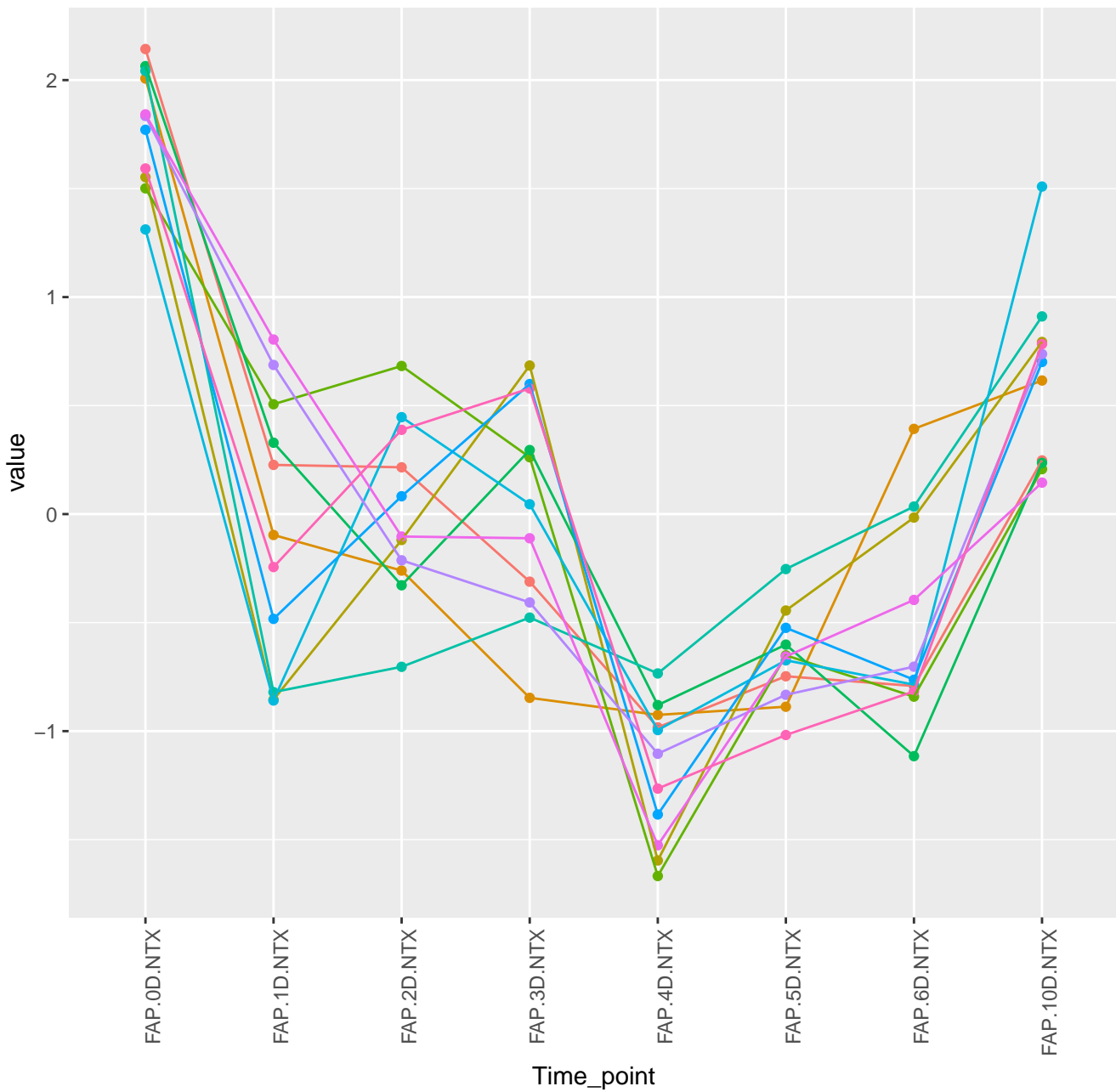




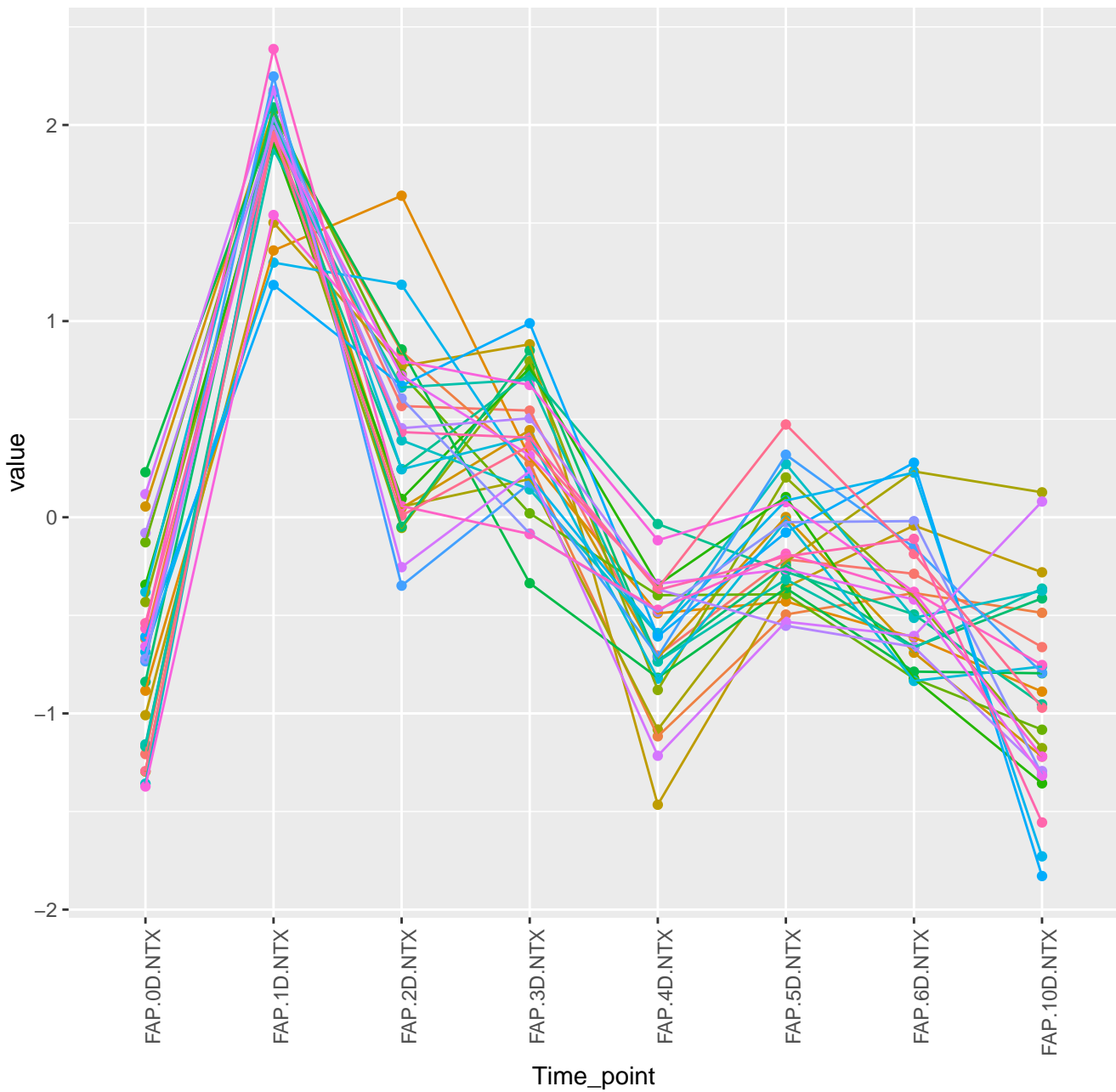
21 genes – cluster 465



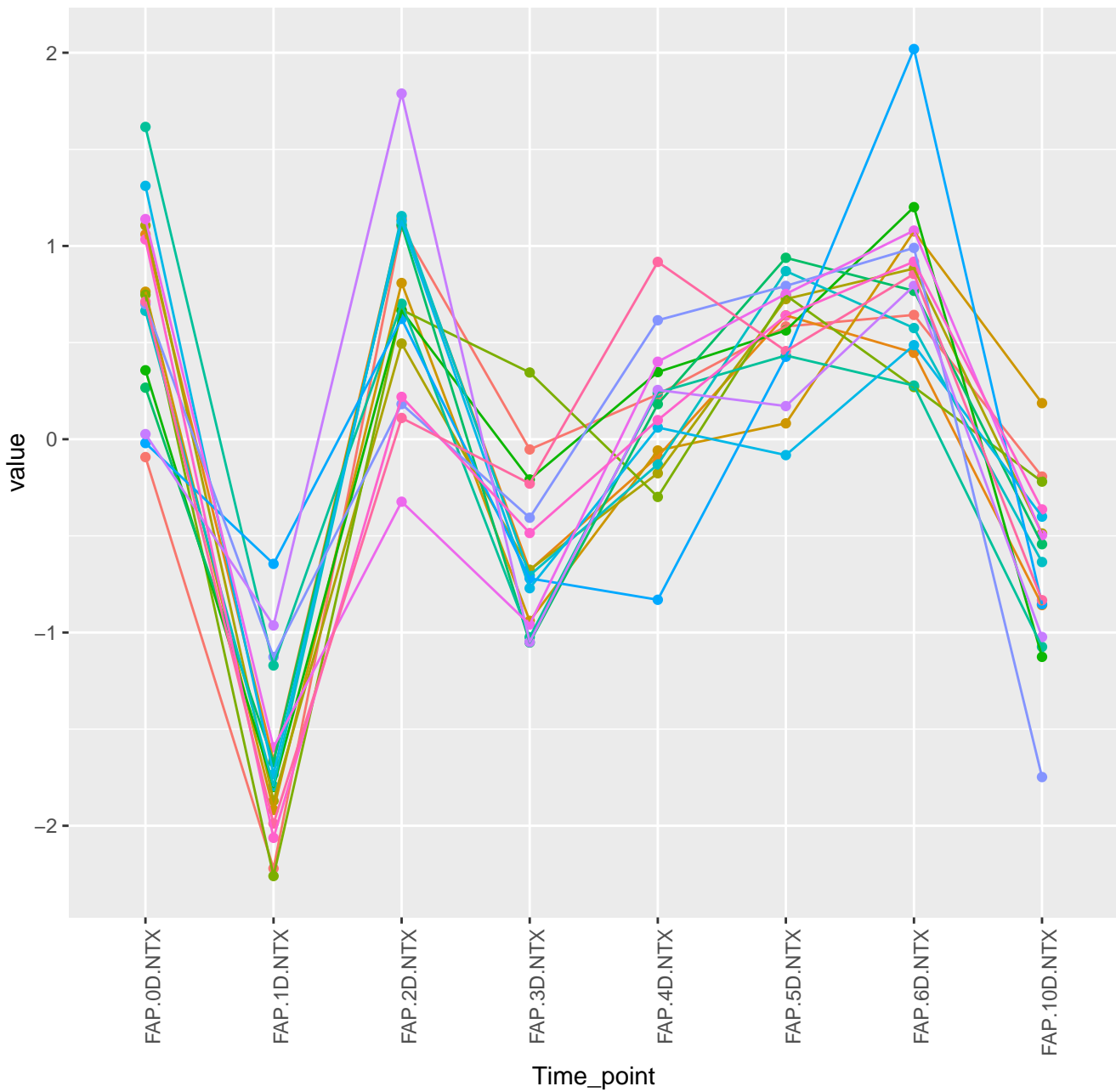
11 genes – cluster 466



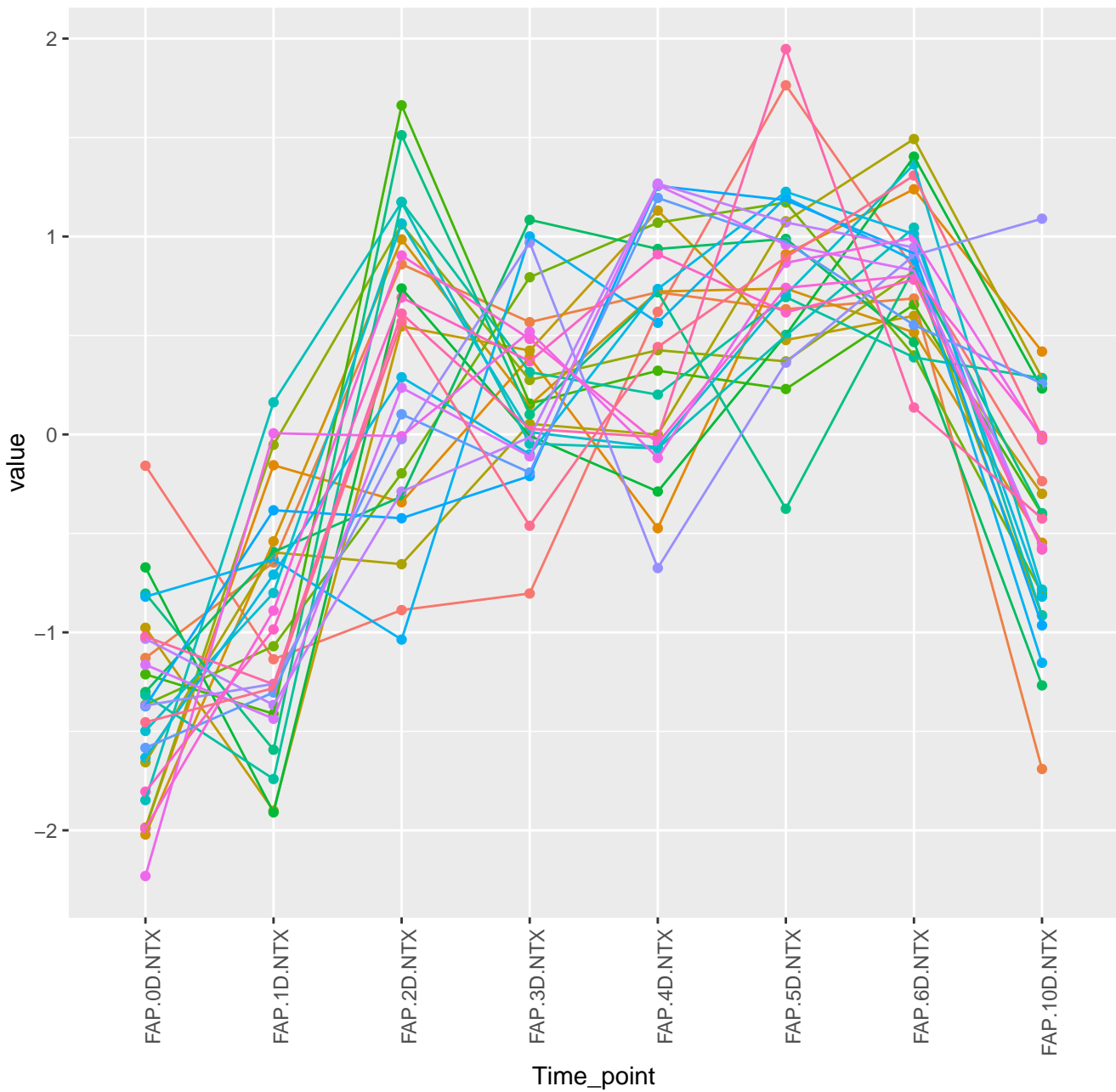
26 genes – cluster 467



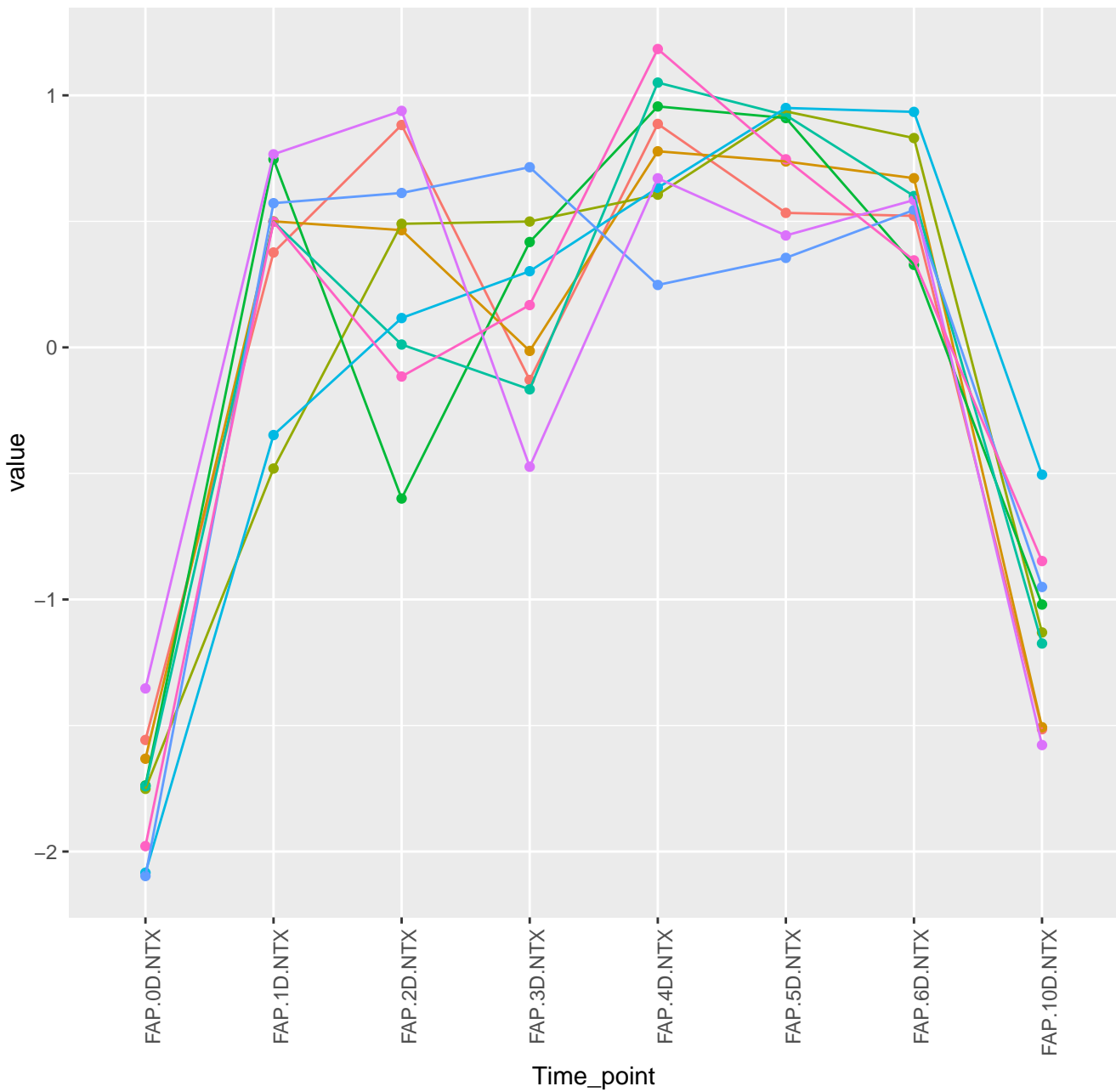
16 genes – cluster 468



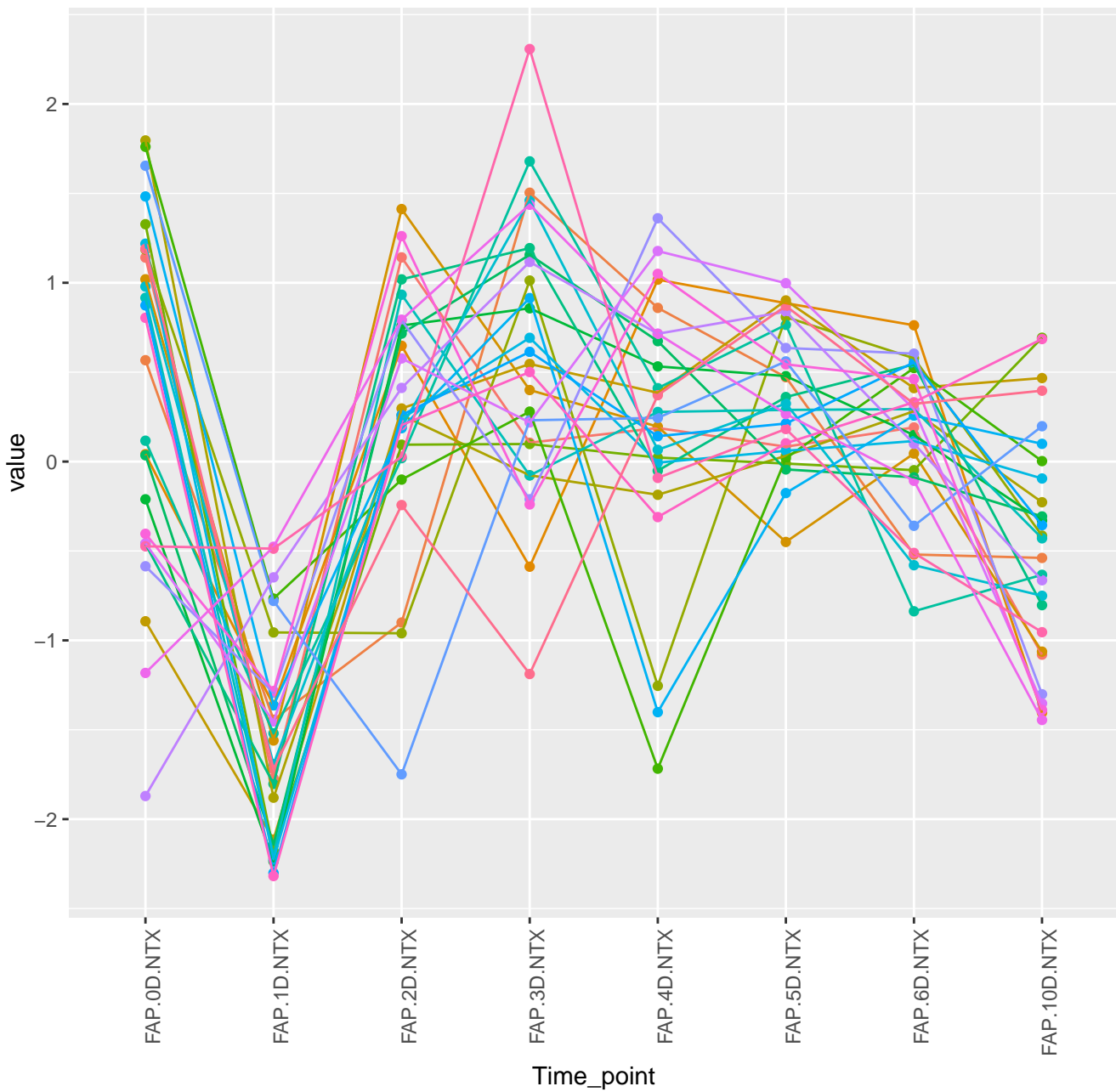
27 genes – cluster 469



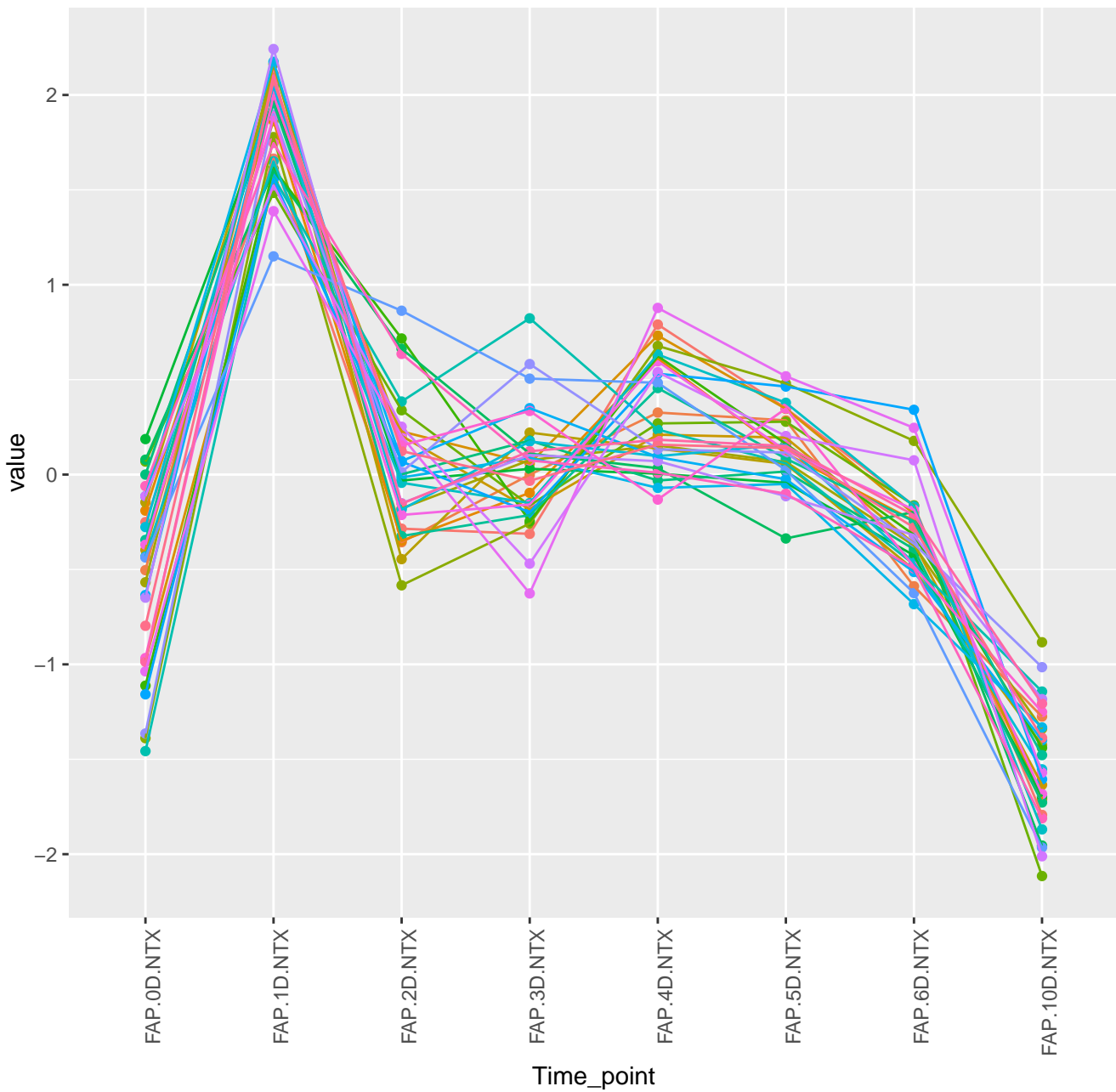
9 genes – cluster 470



27 genes – cluster 471

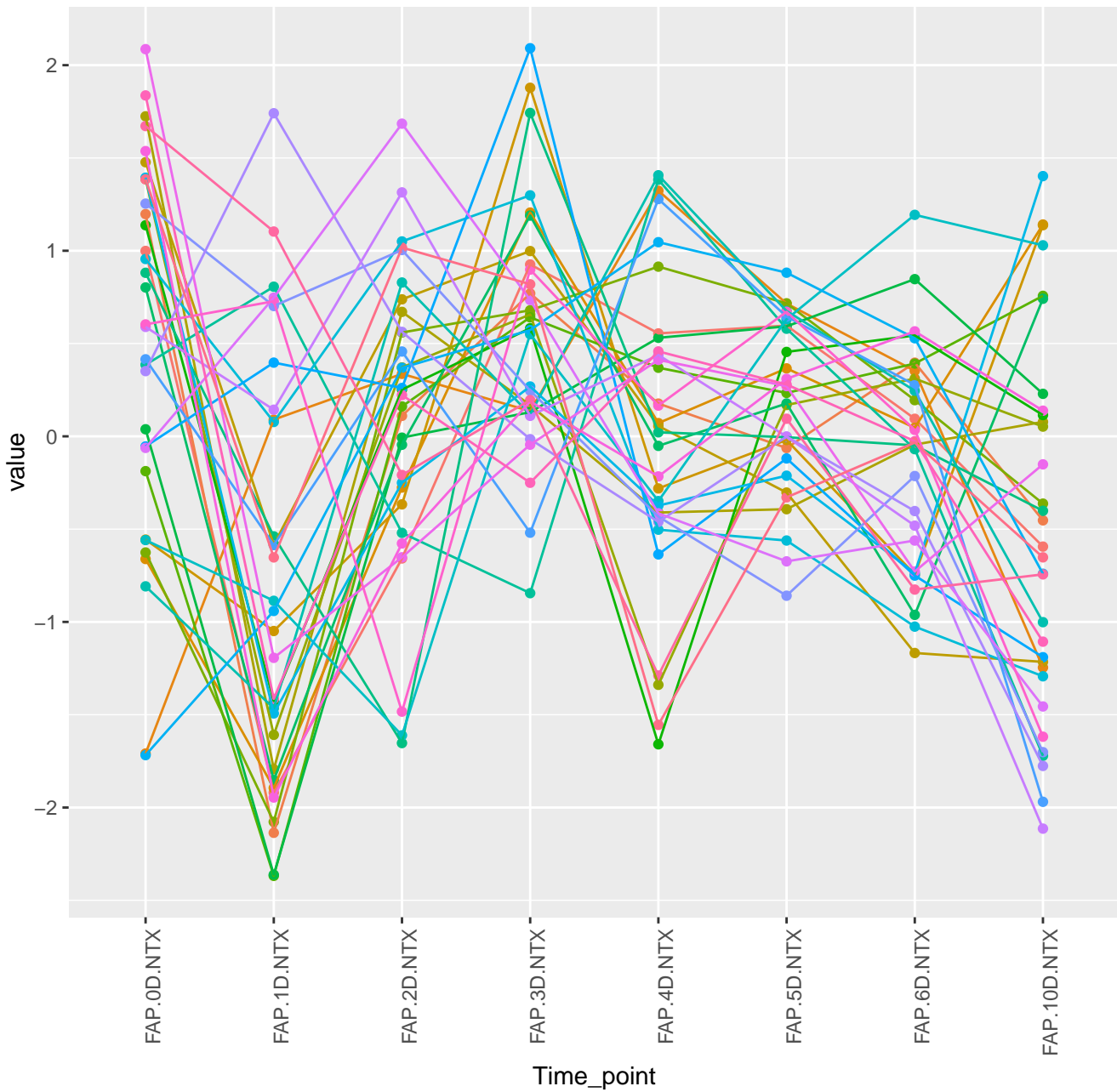


30 genes – cluster 472

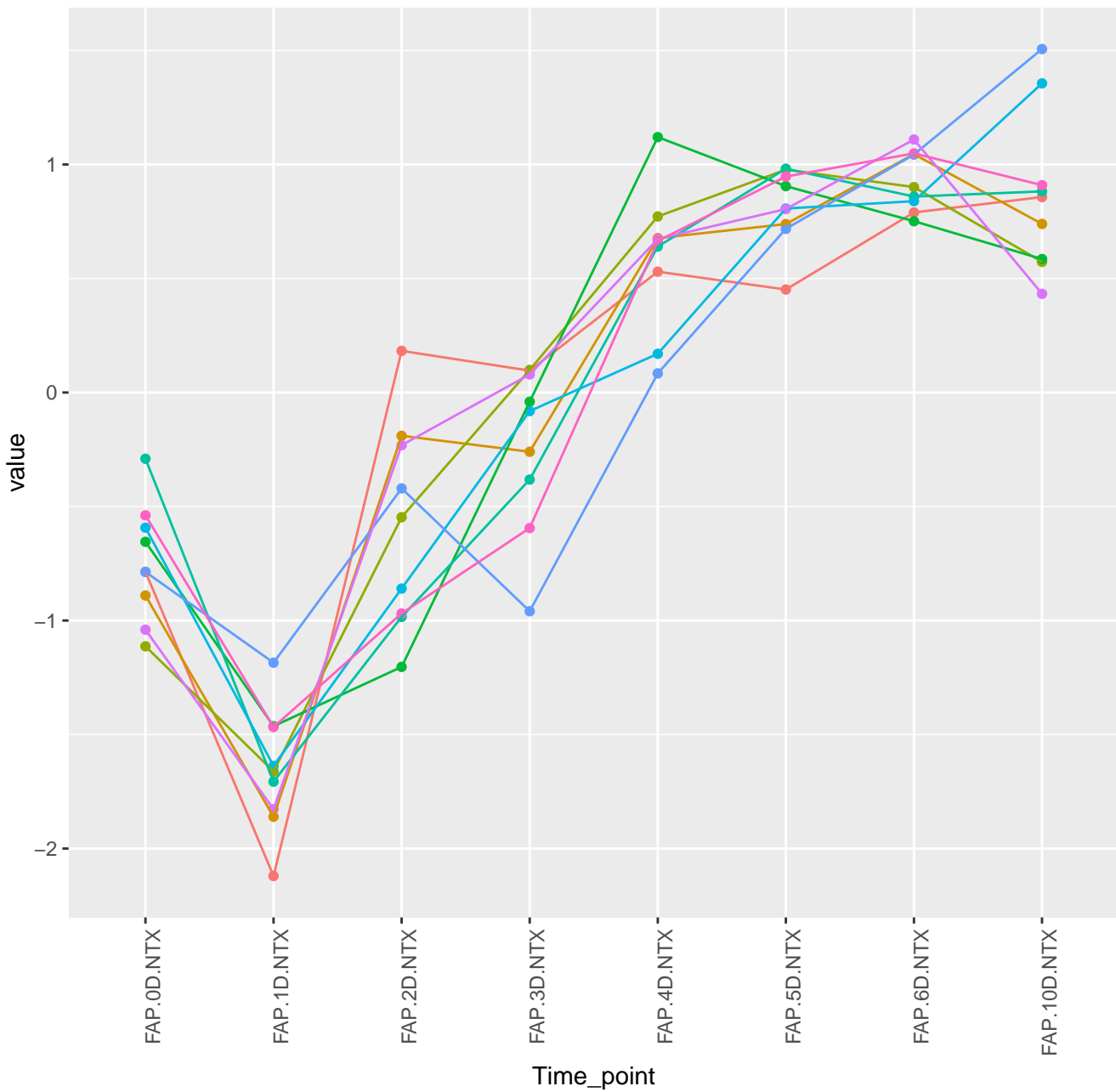




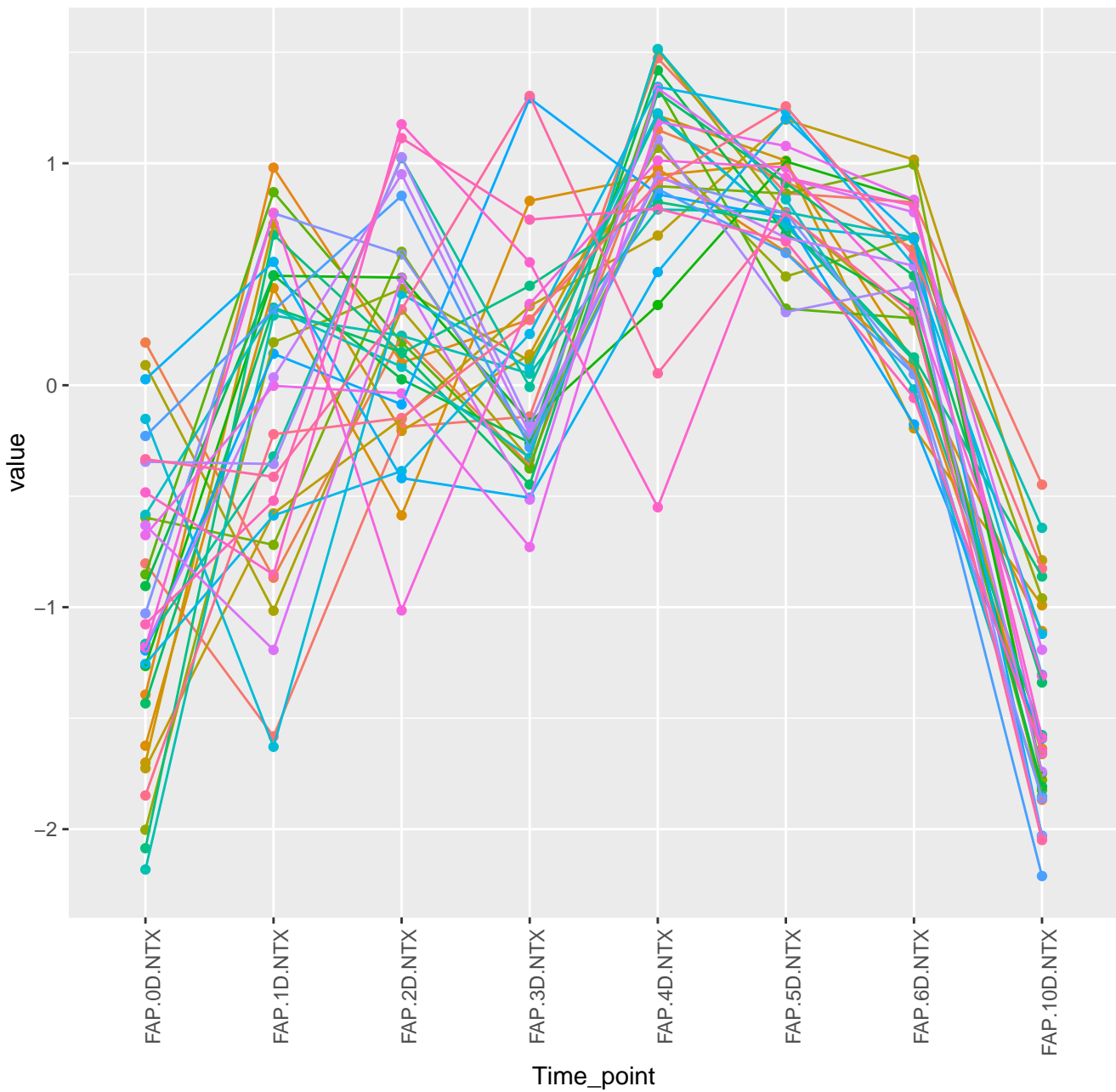
32 genes – cluster 473



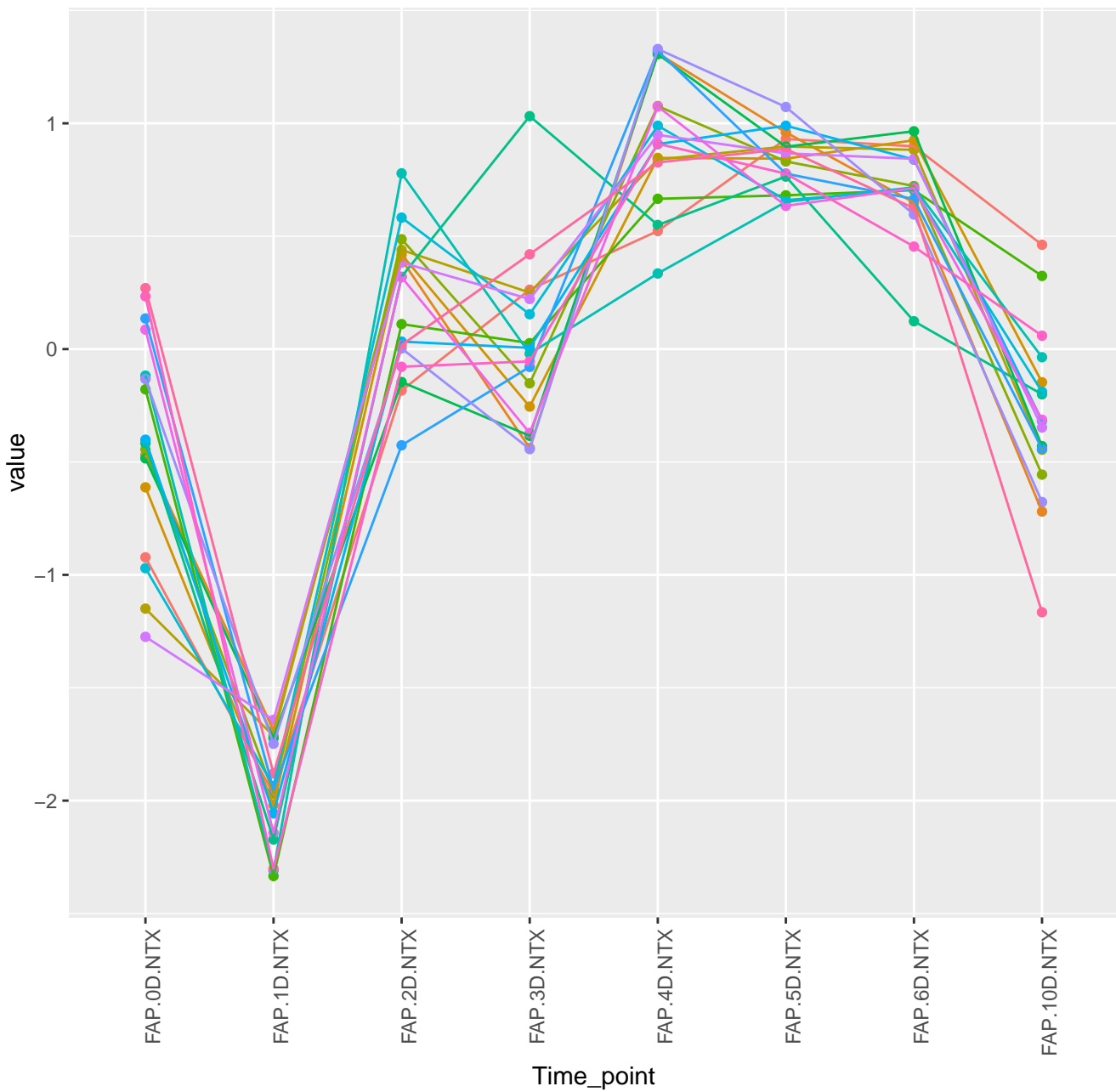
9 genes – cluster 474



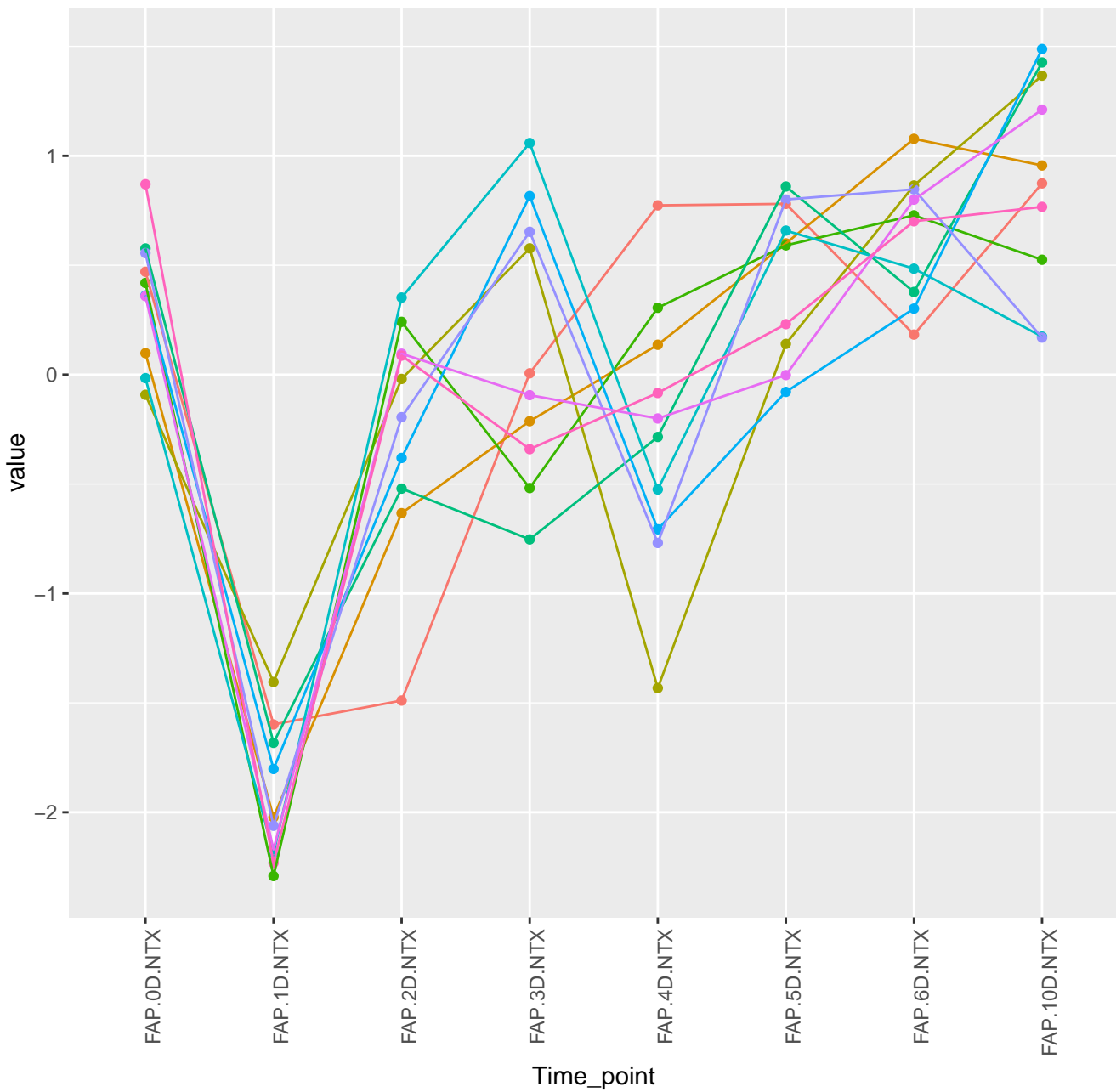
32 genes – cluster 475



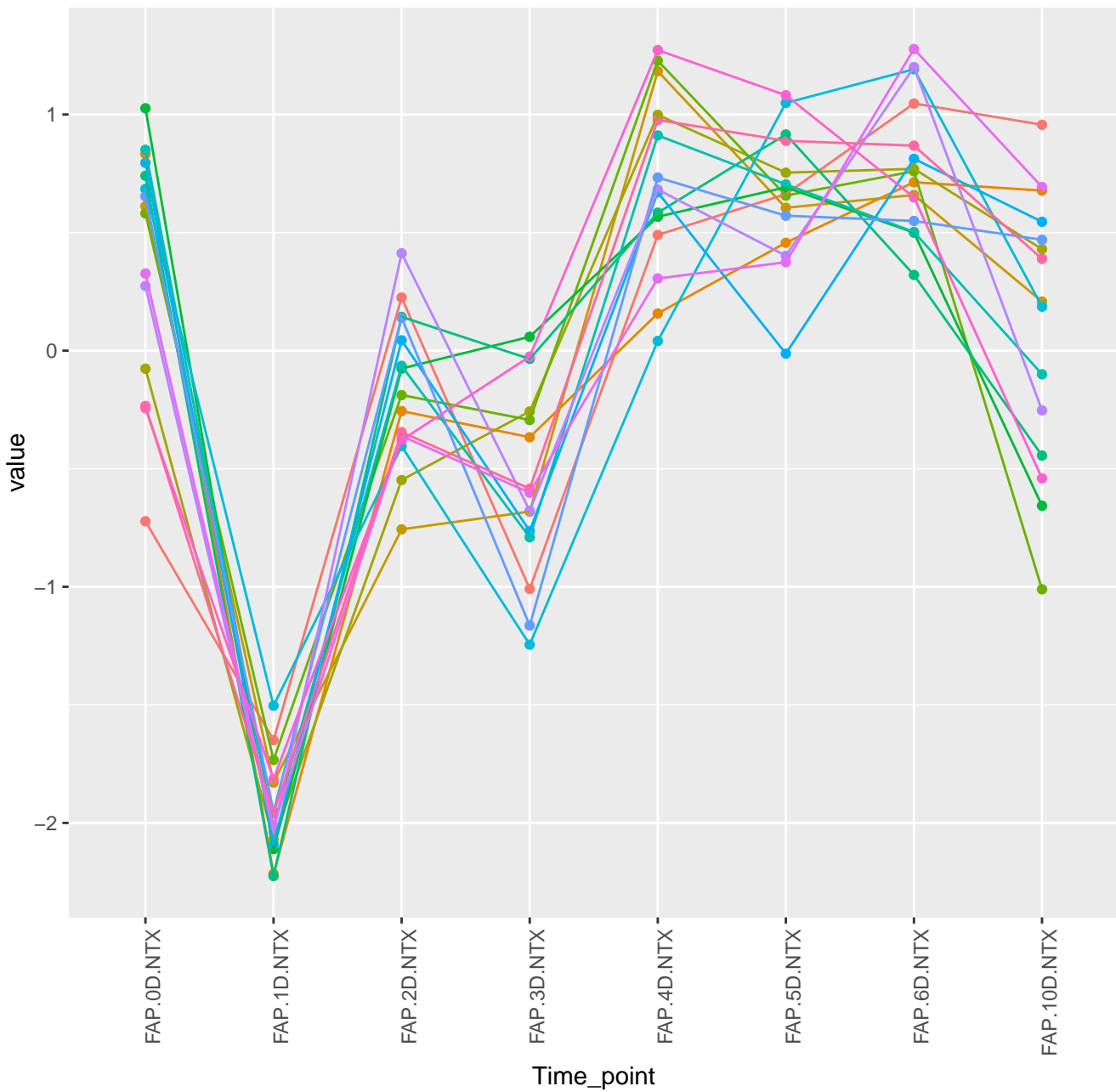
17 genes – cluster 476



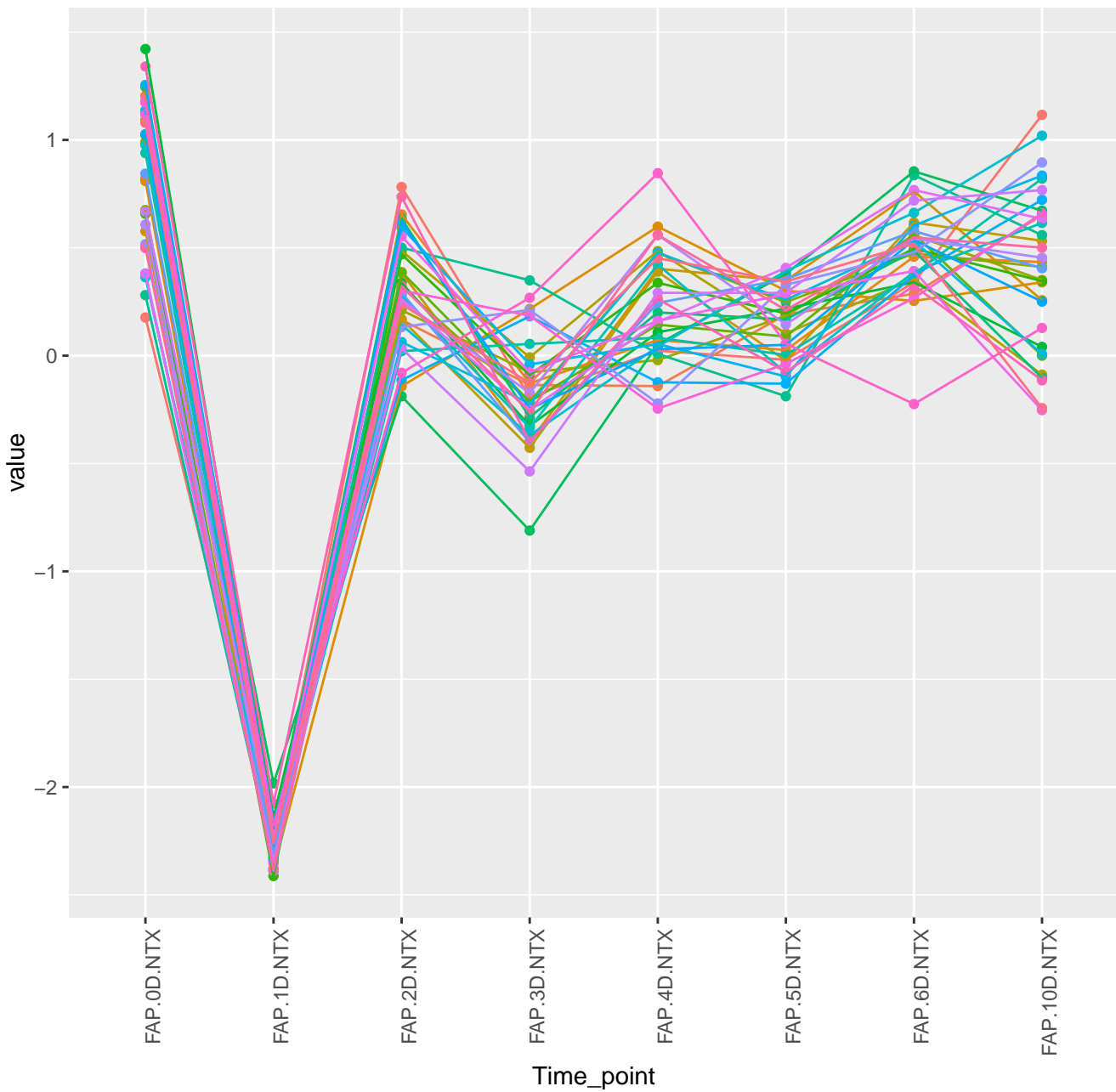
10 genes – cluster 477



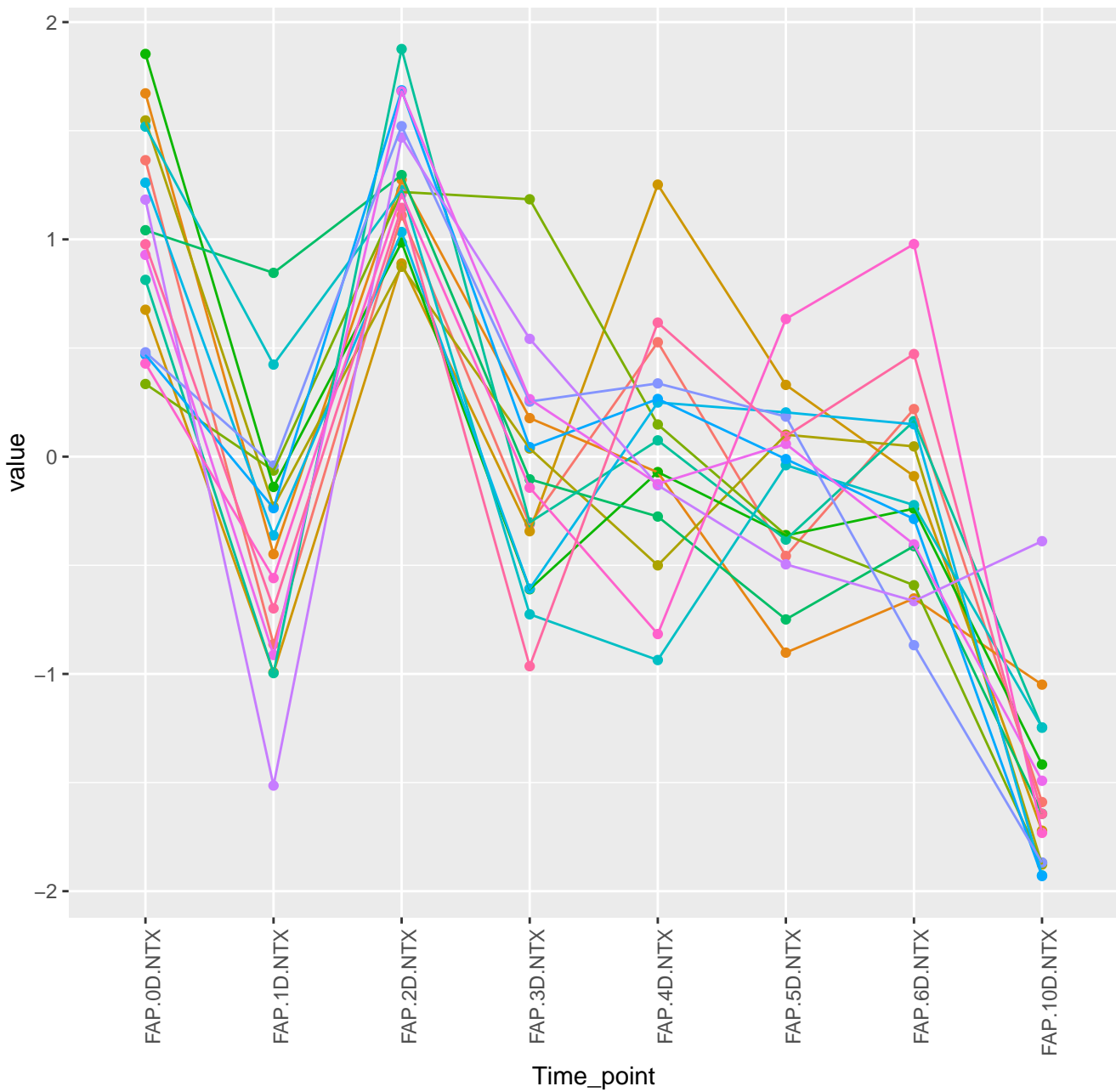
15 genes – cluster 478



33 genes – cluster 479

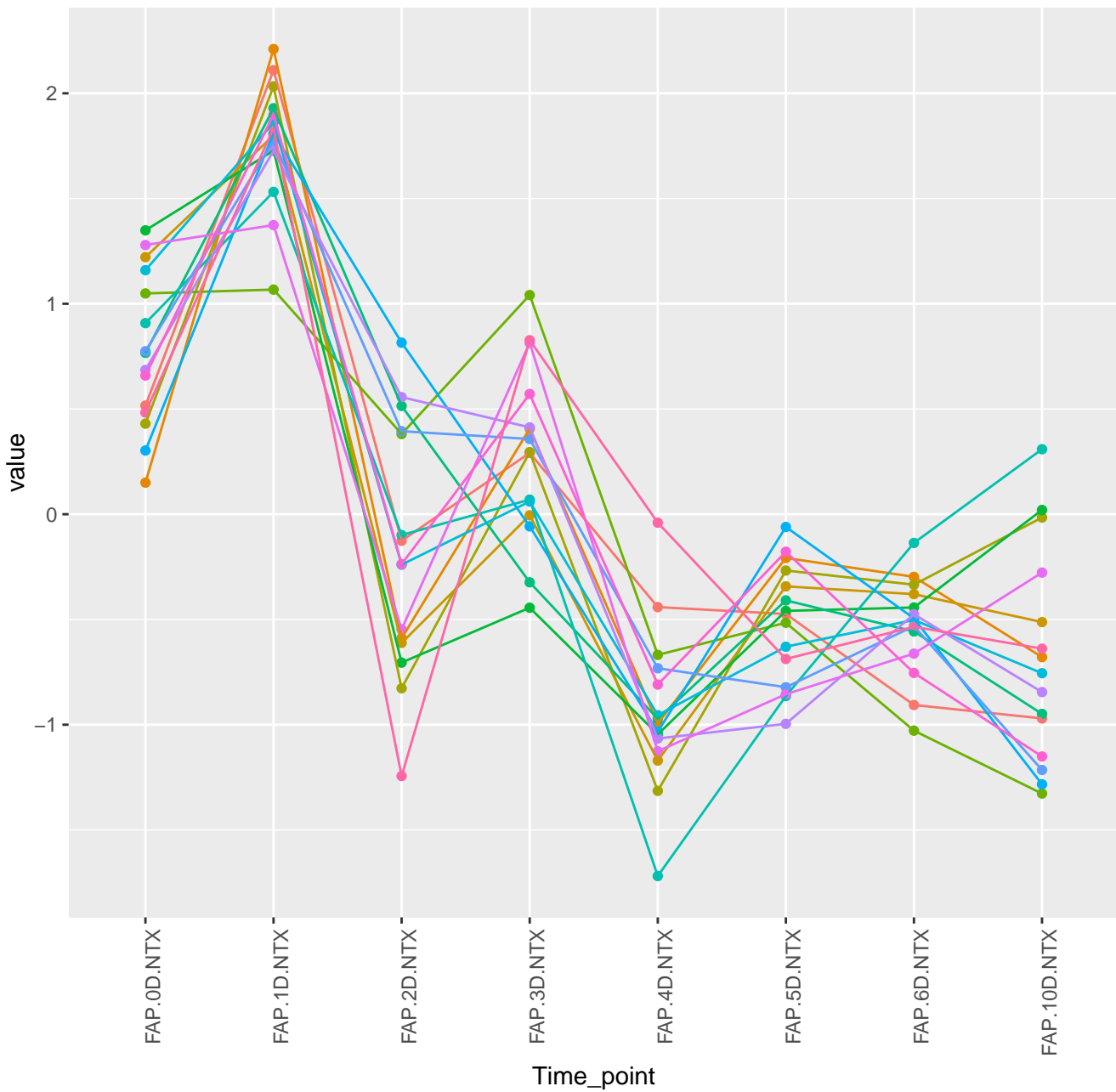


16 genes – cluster 480

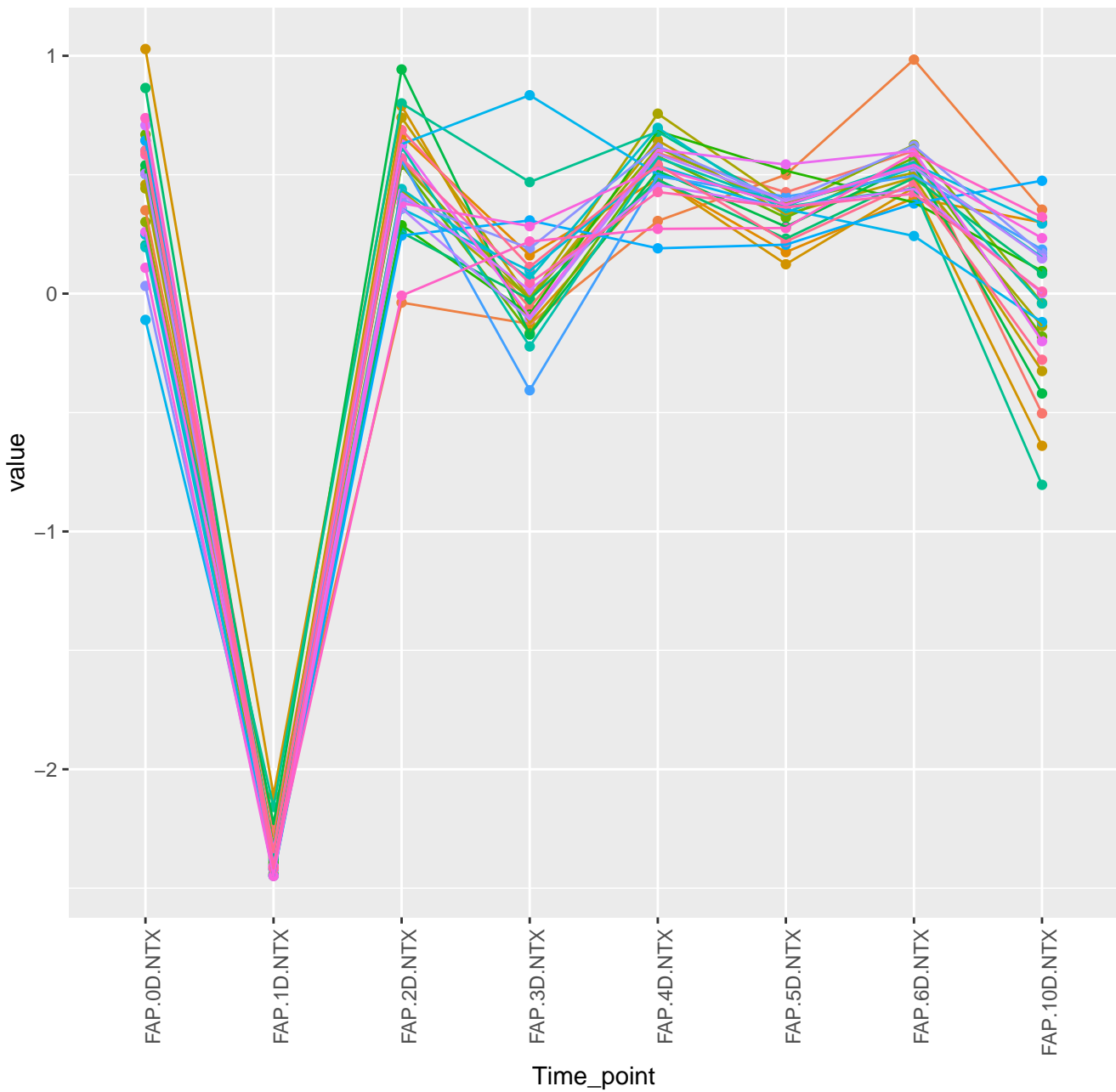




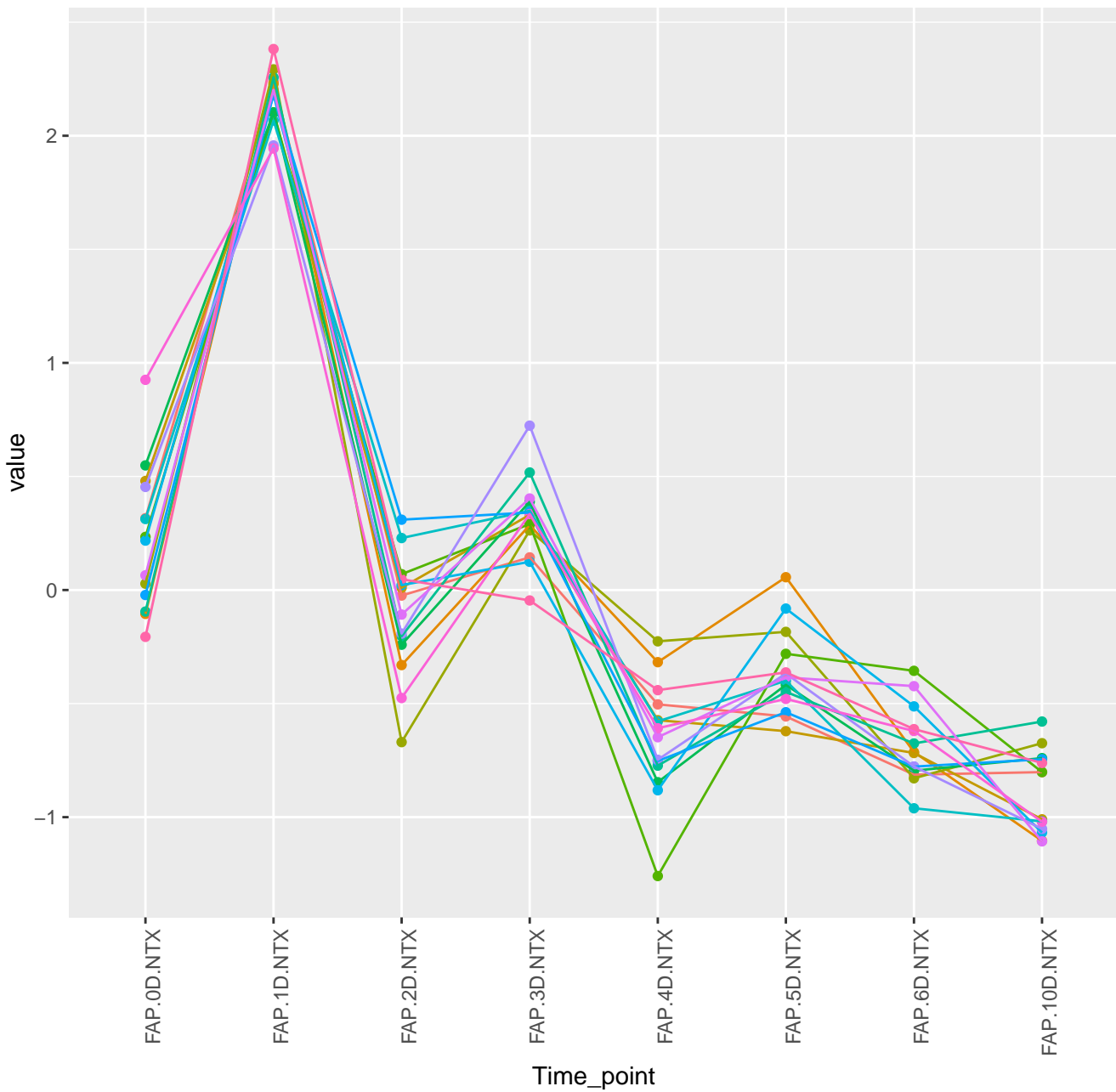
15 genes – cluster 481



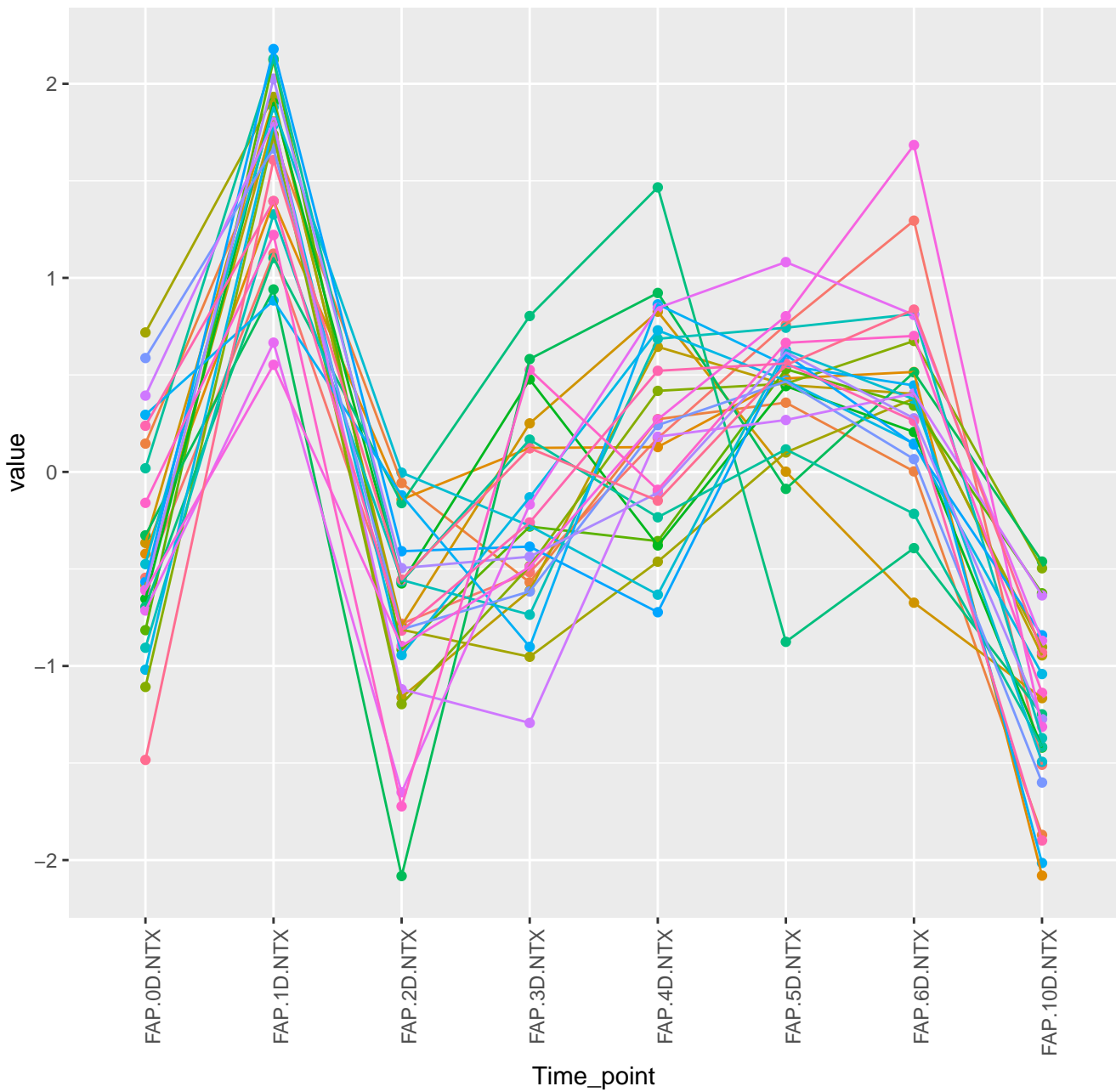
26 genes – cluster 482



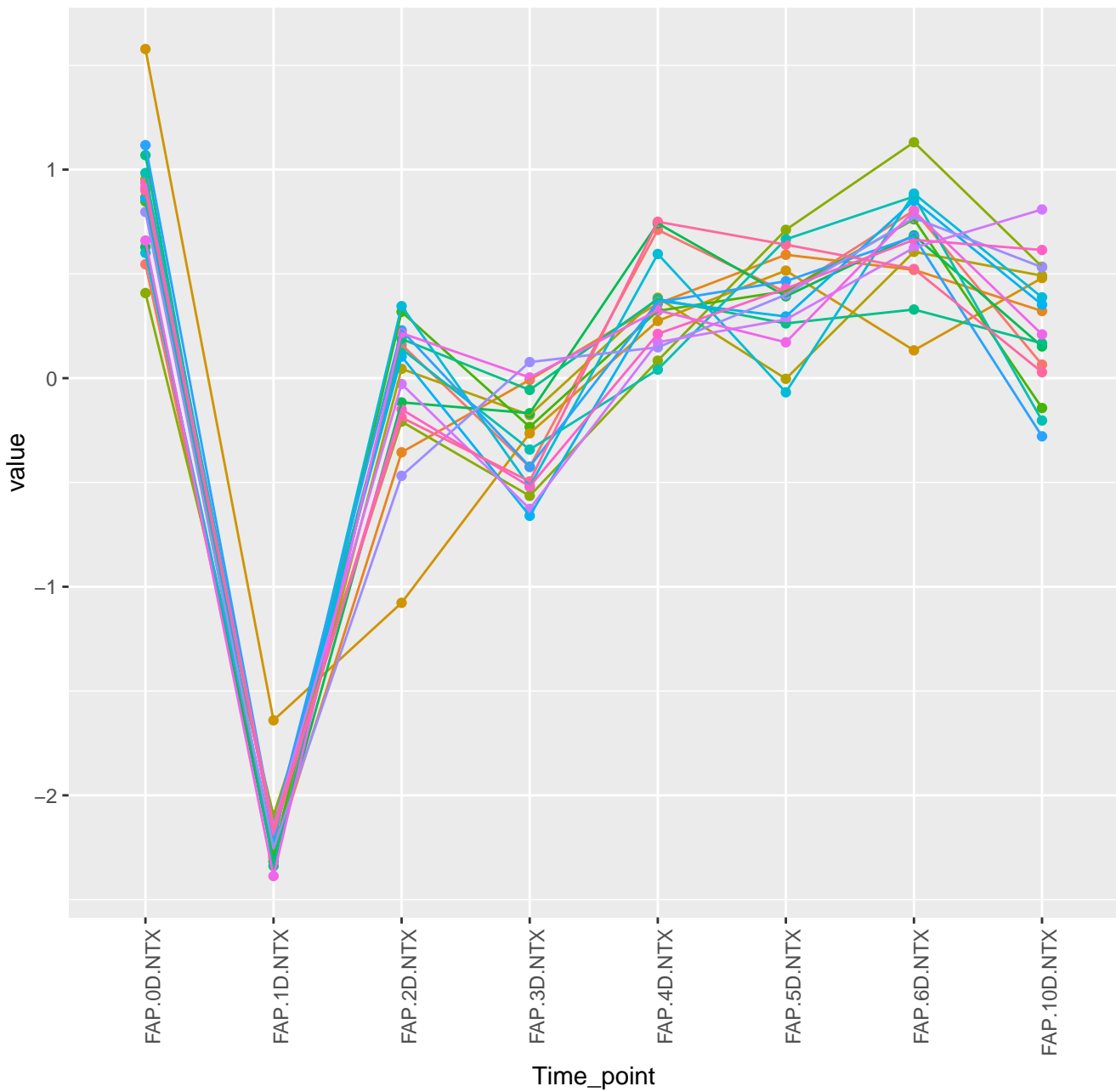
14 genes – cluster 483



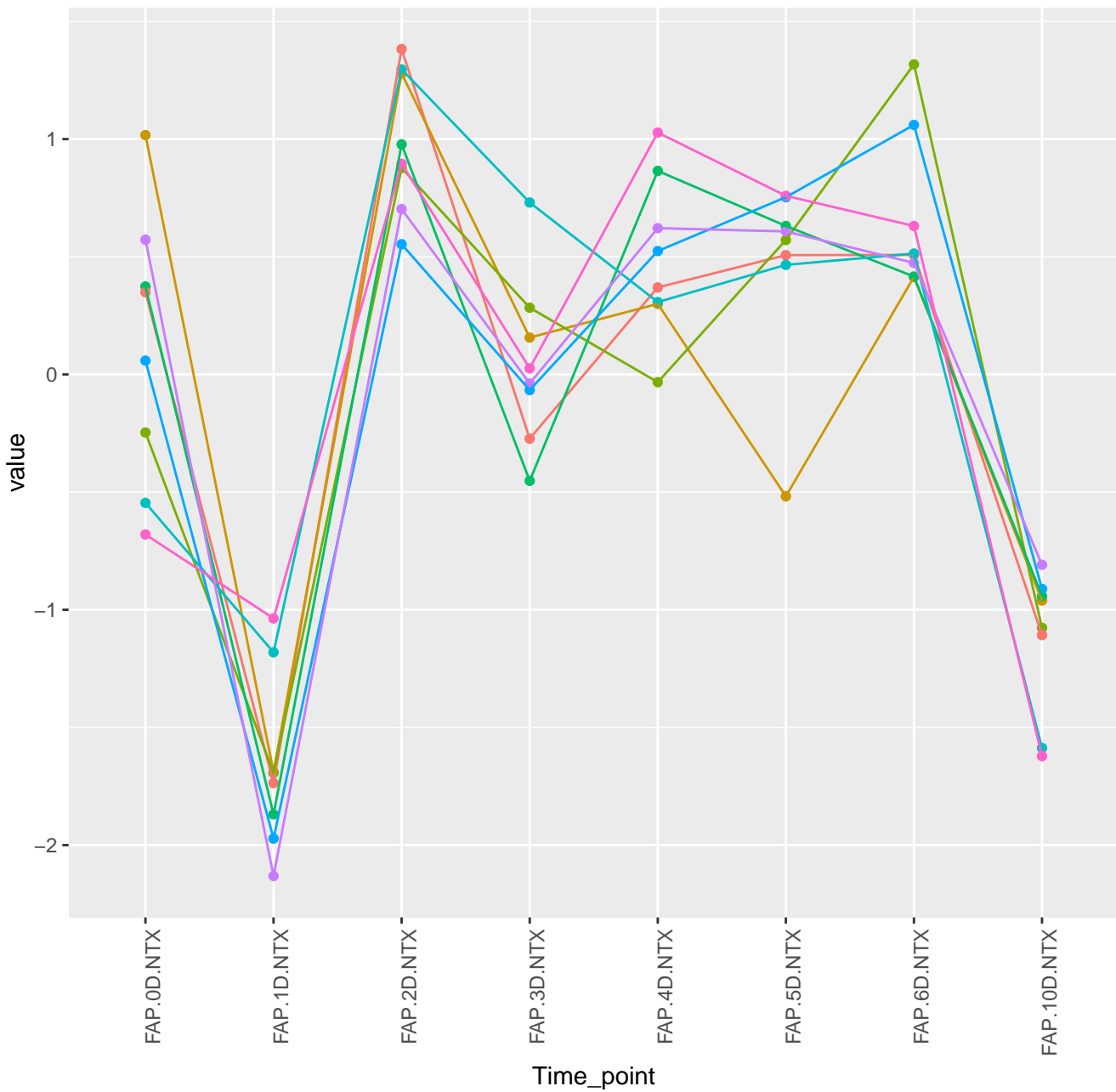
25 genes – cluster 484



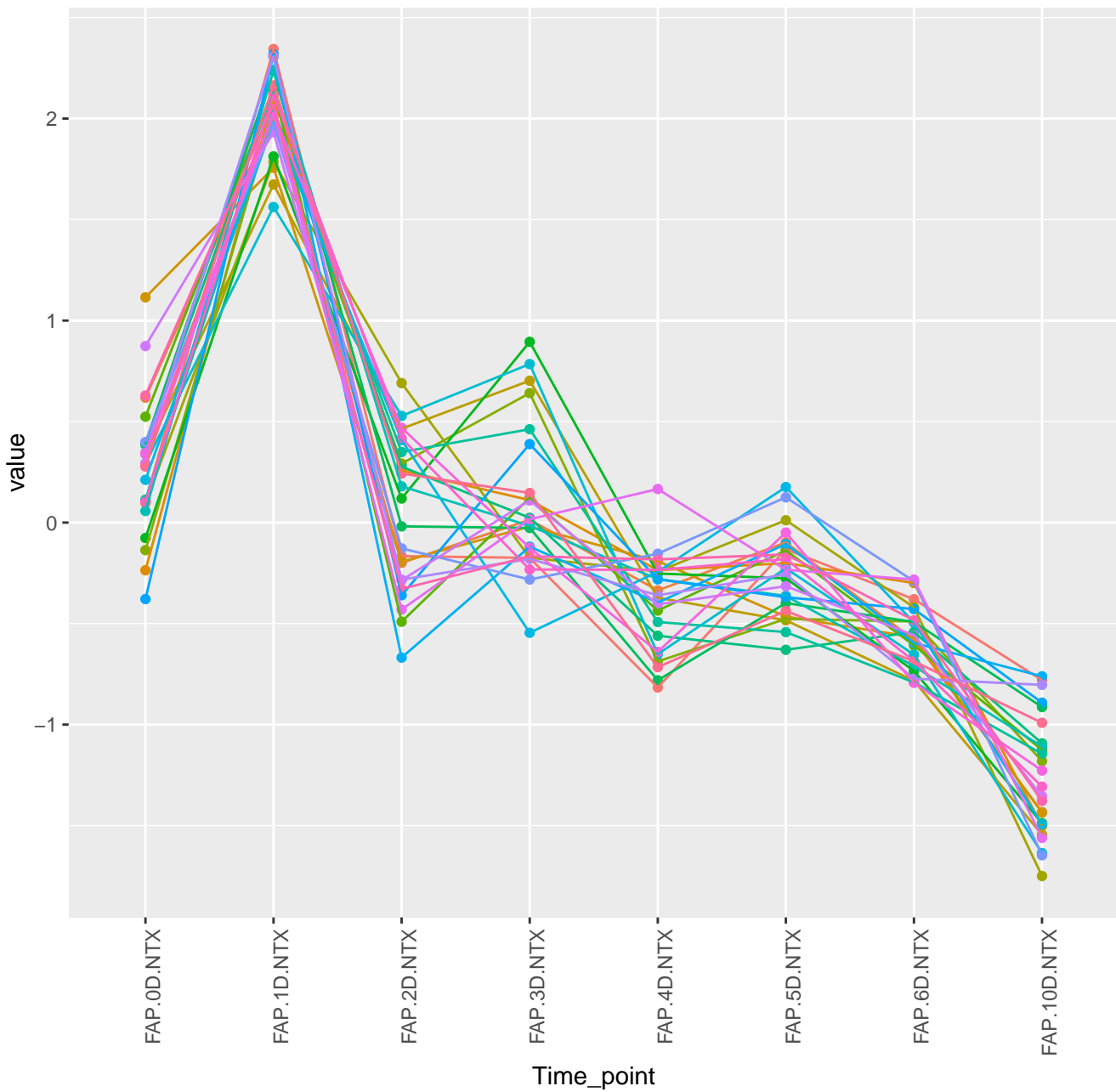
17 genes – cluster 485



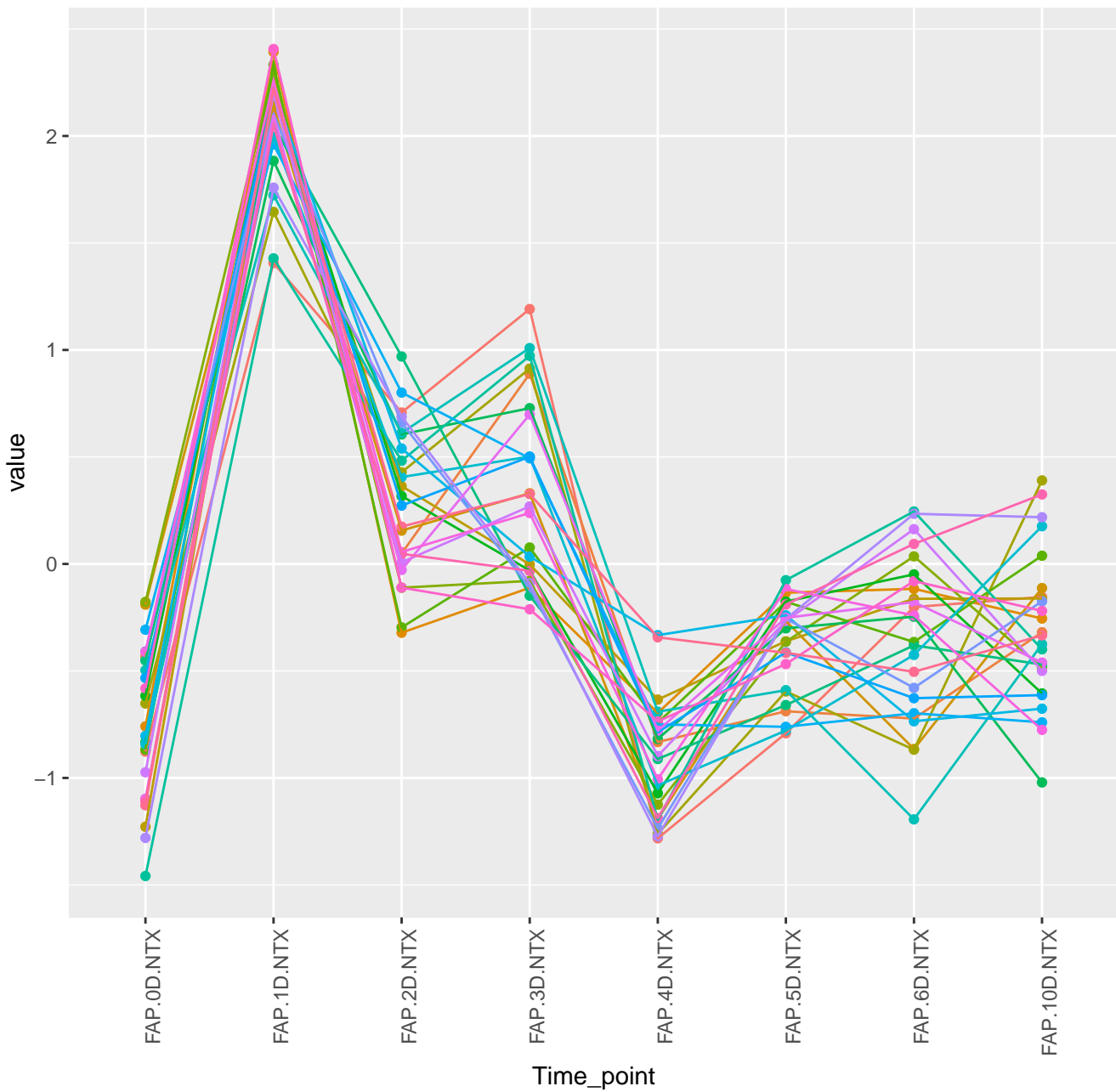
8 genes – cluster 486



25 genes – cluster 487

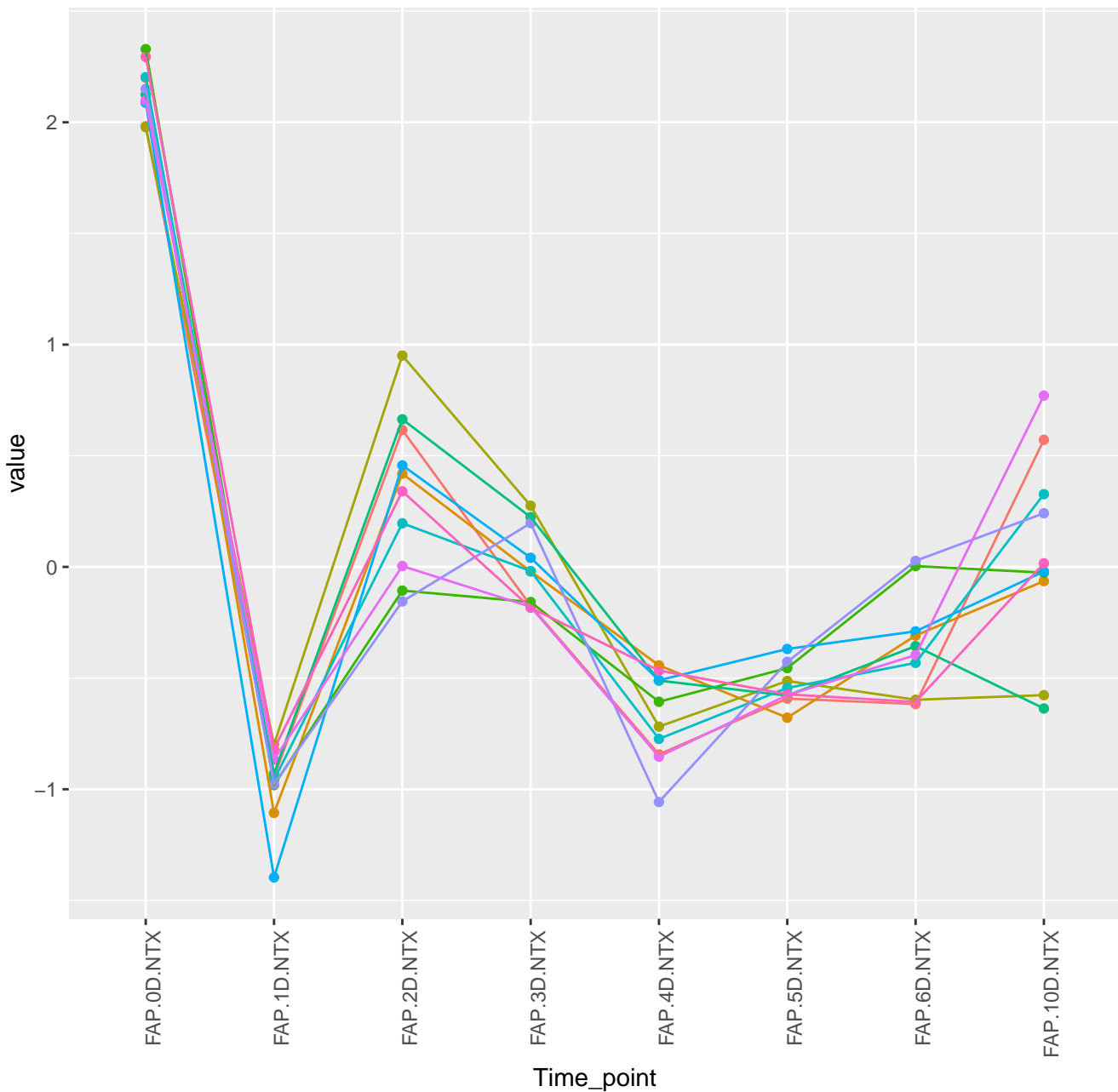


25 genes – cluster 488

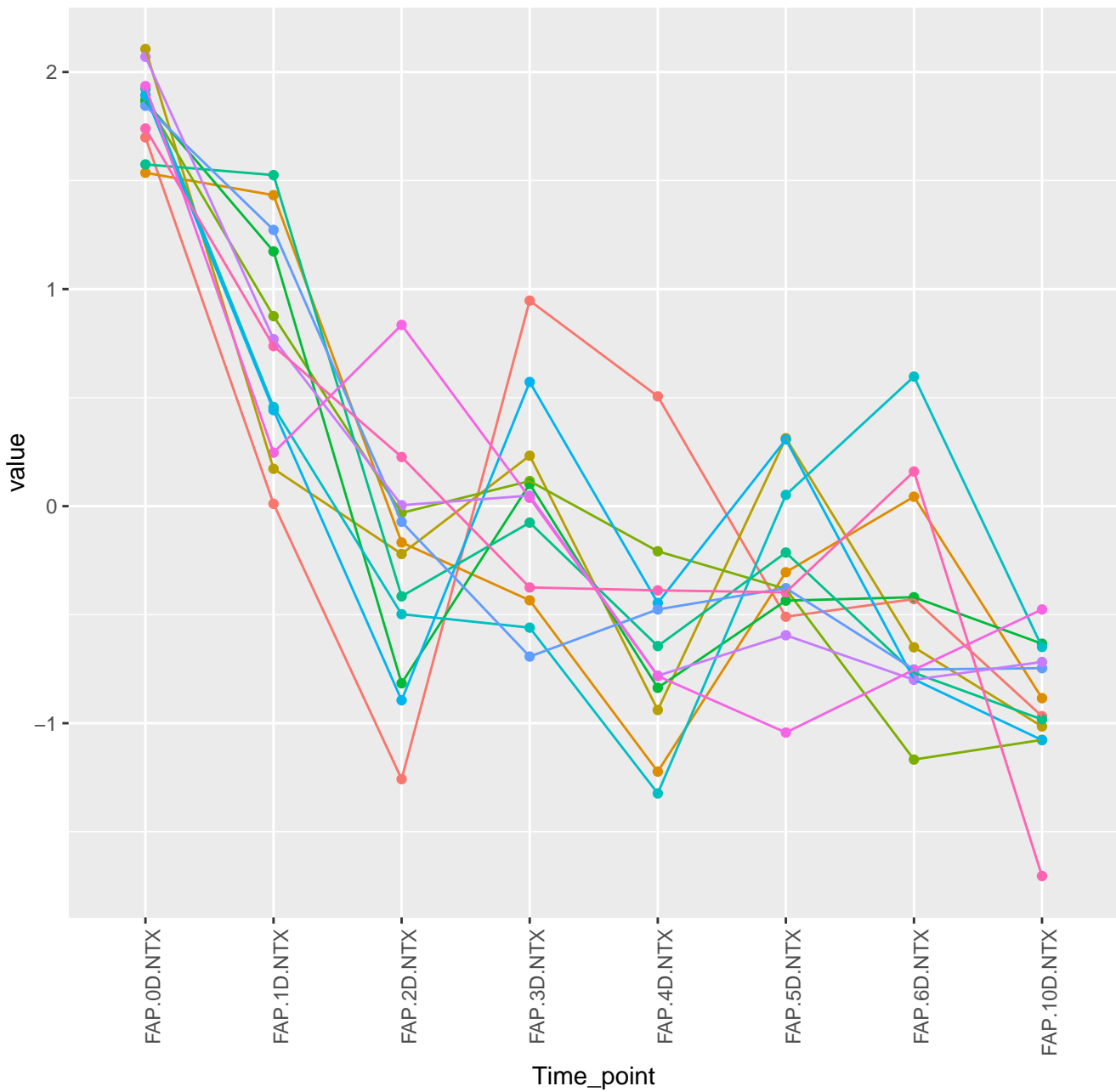




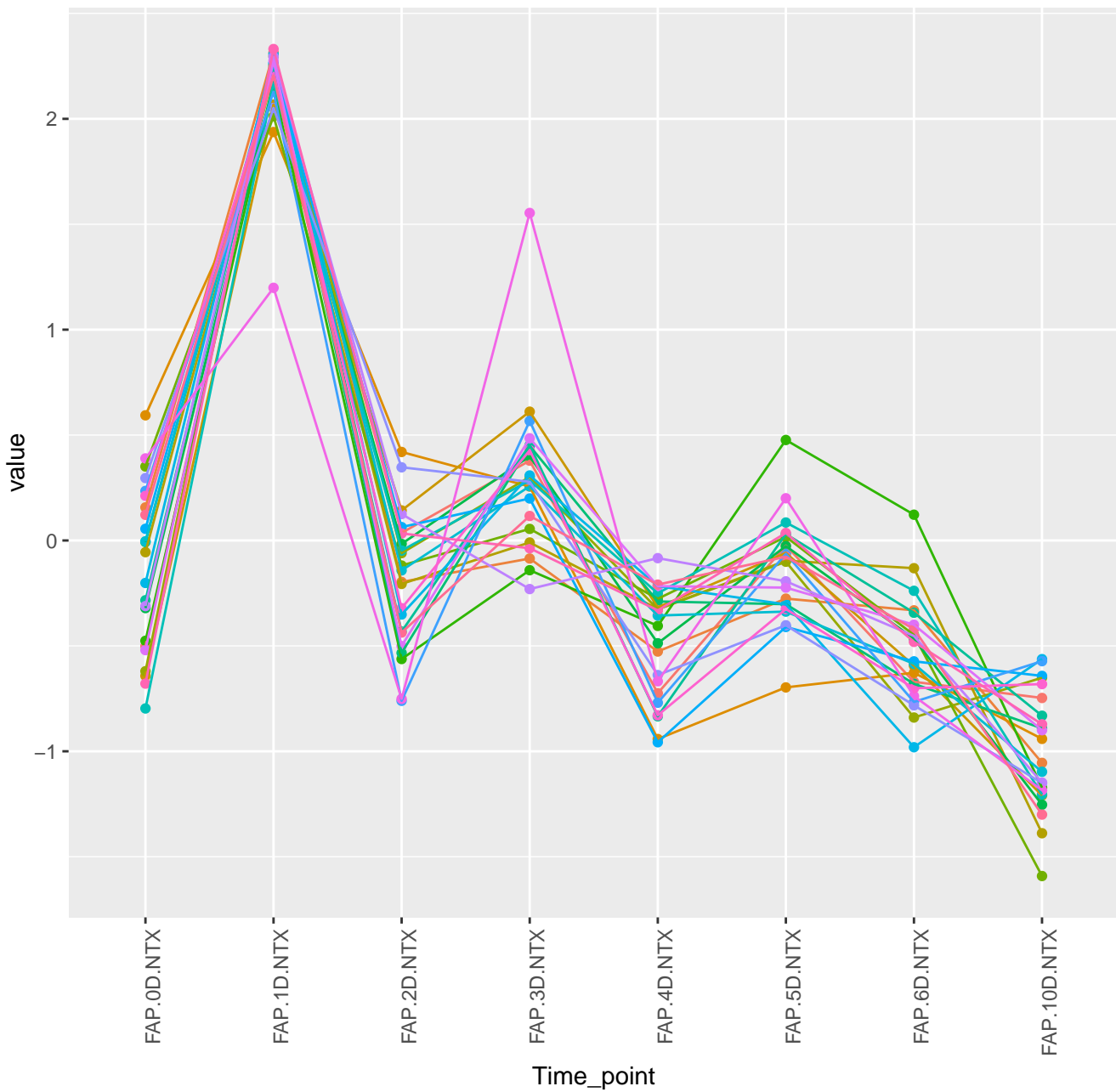
10 genes – cluster 489



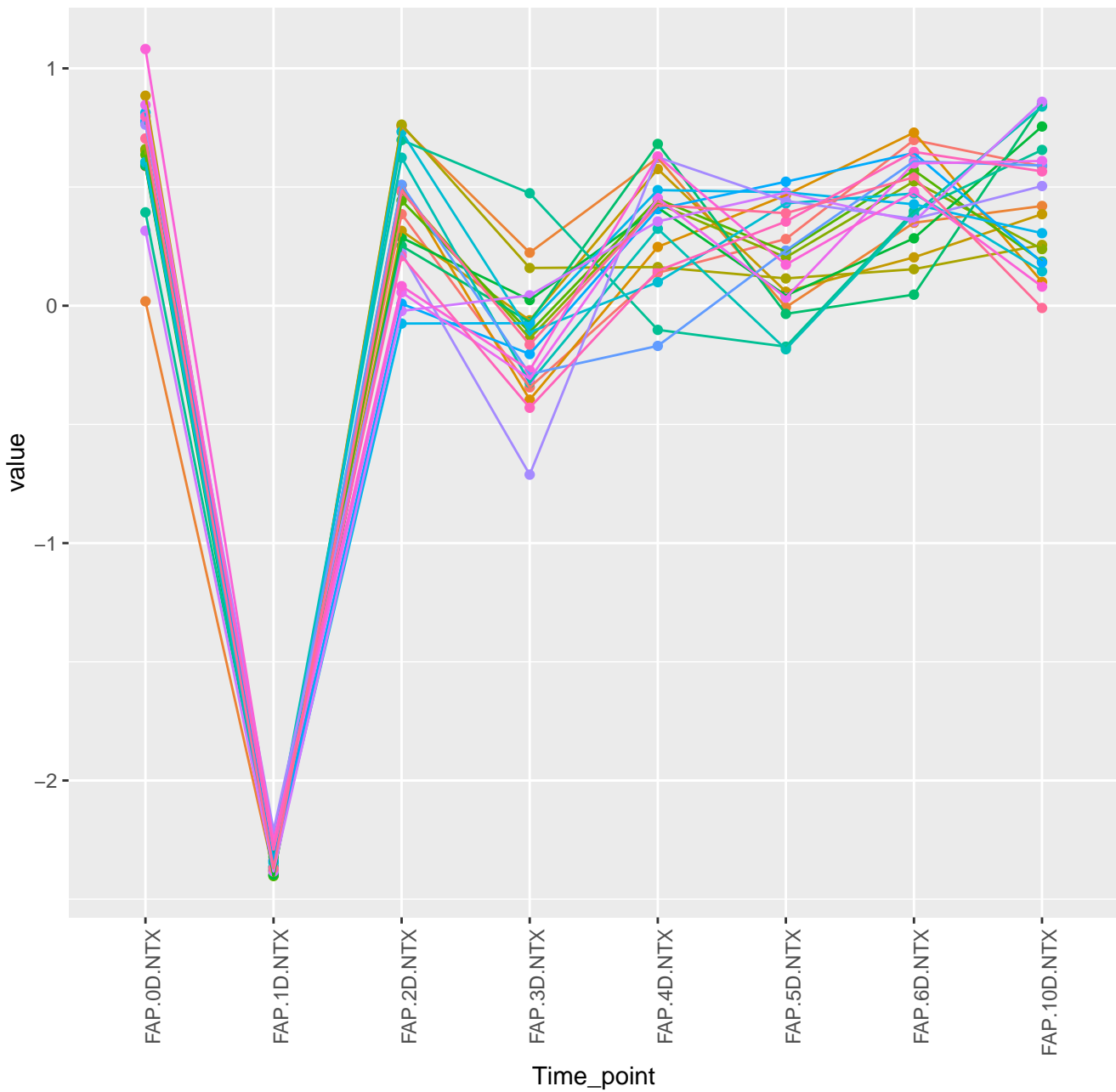
12 genes – cluster 490



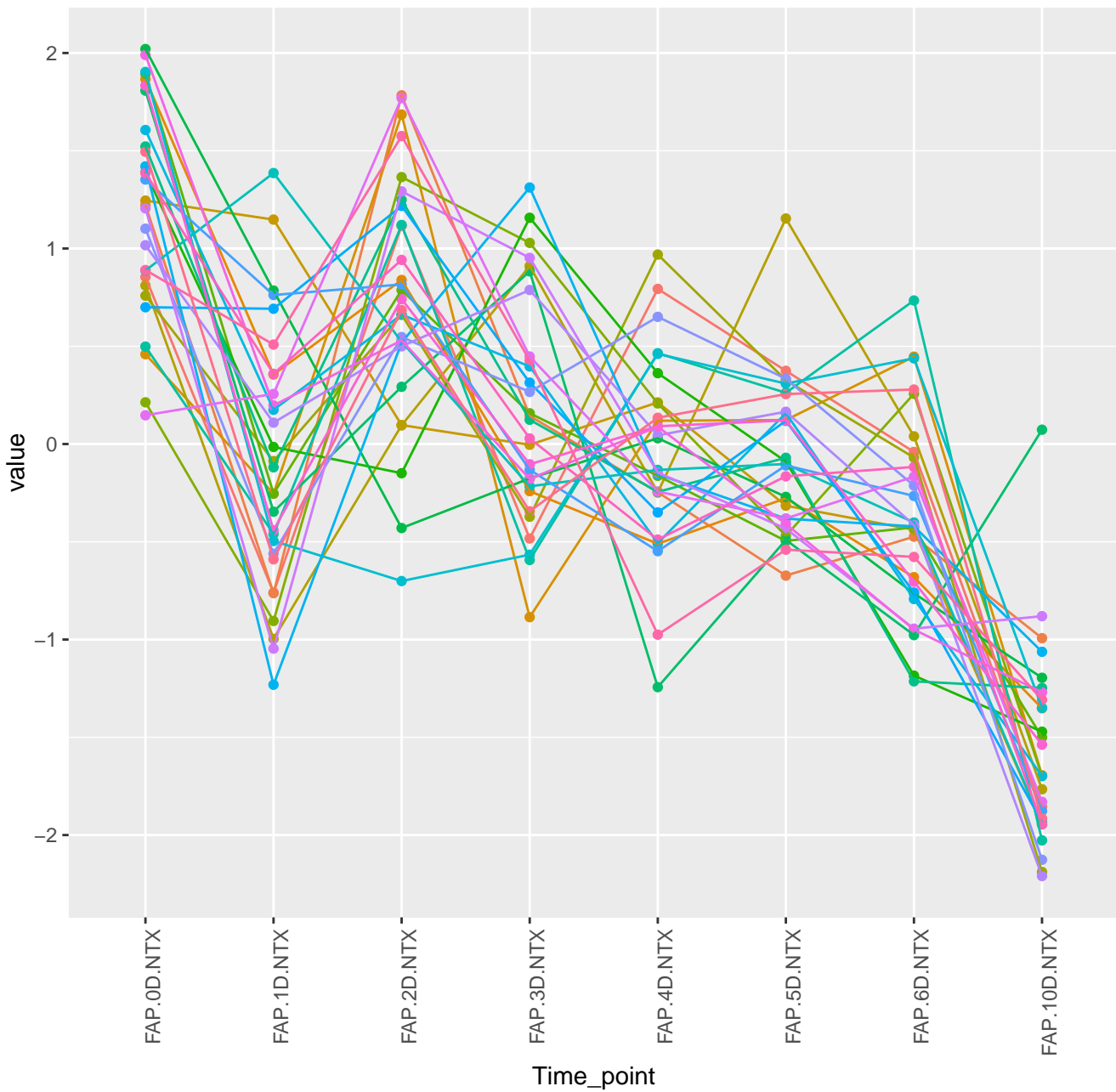
23 genes – cluster 491



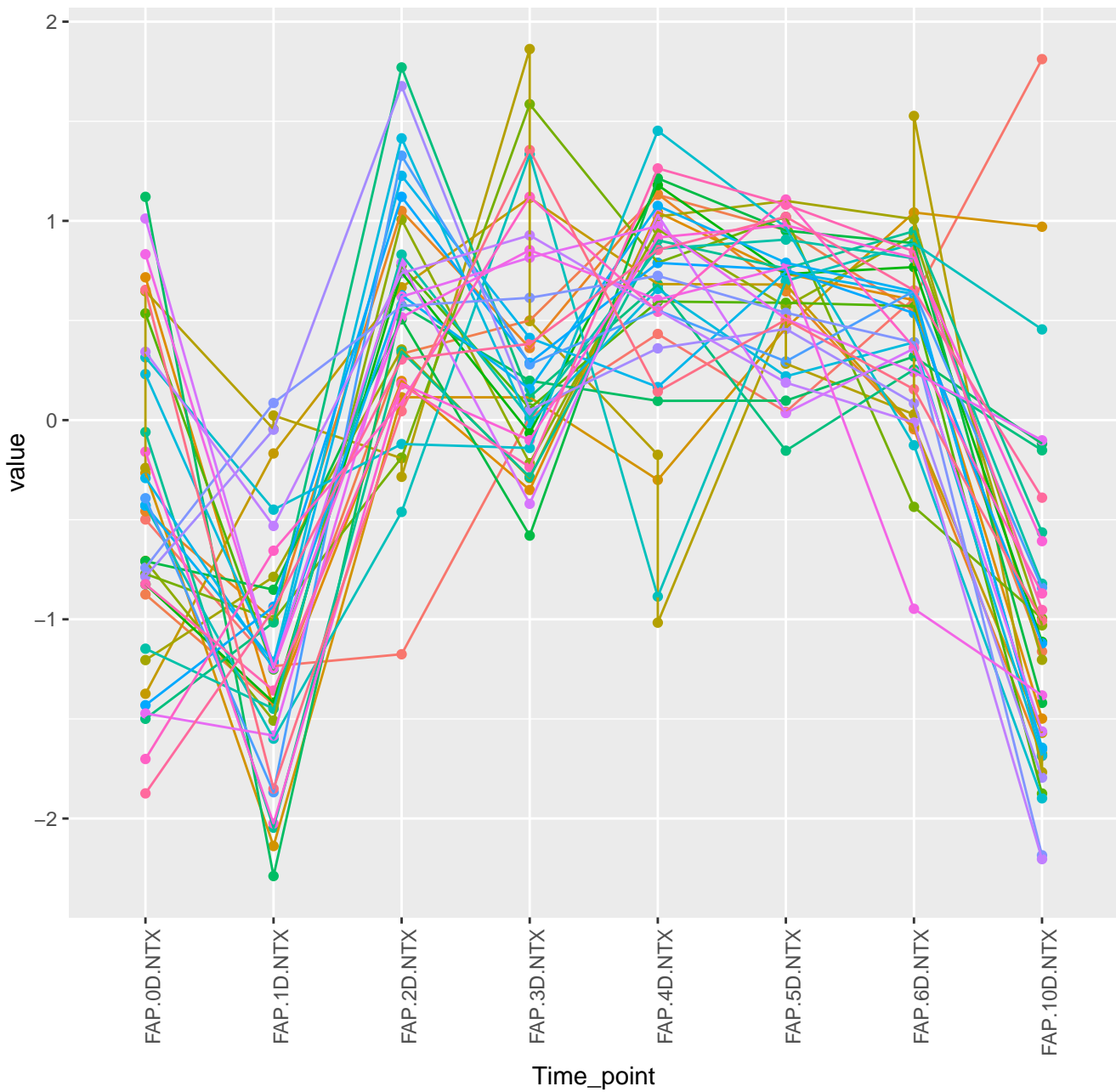
21 genes – cluster 492



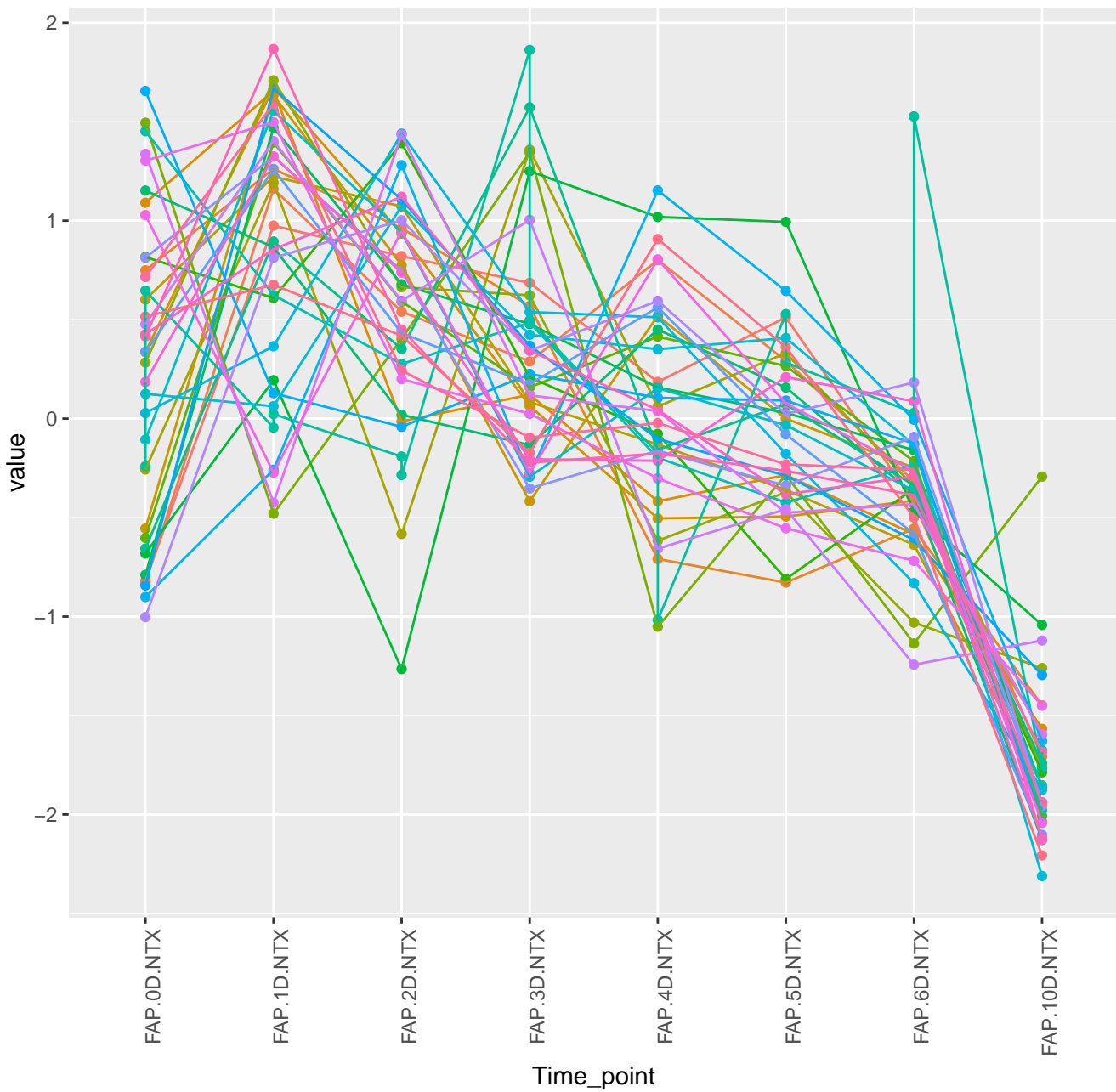
29 genes – cluster 493



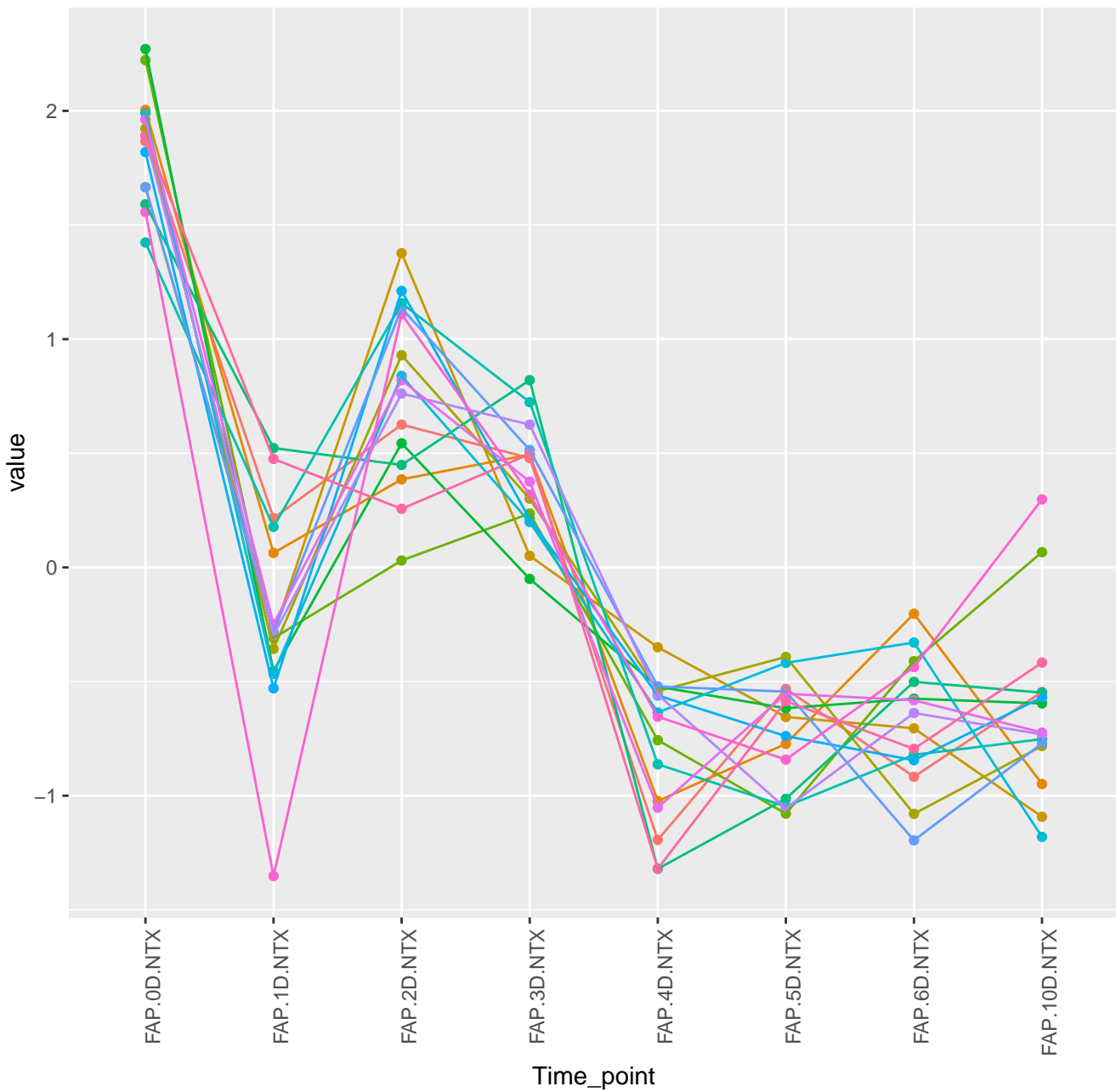
36 genes – cluster 494



37 genes – cluster 495

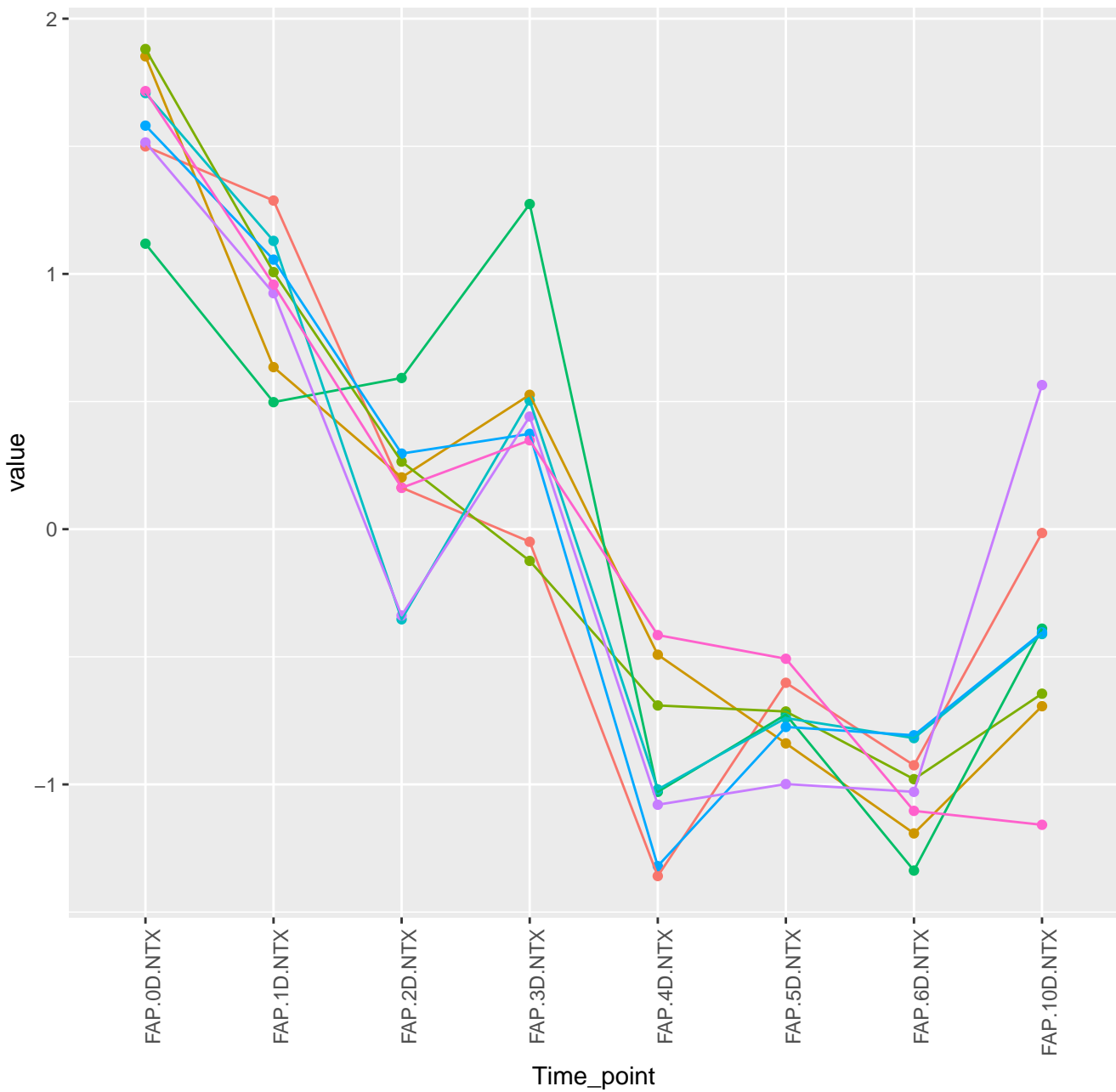


15 genes – cluster 496

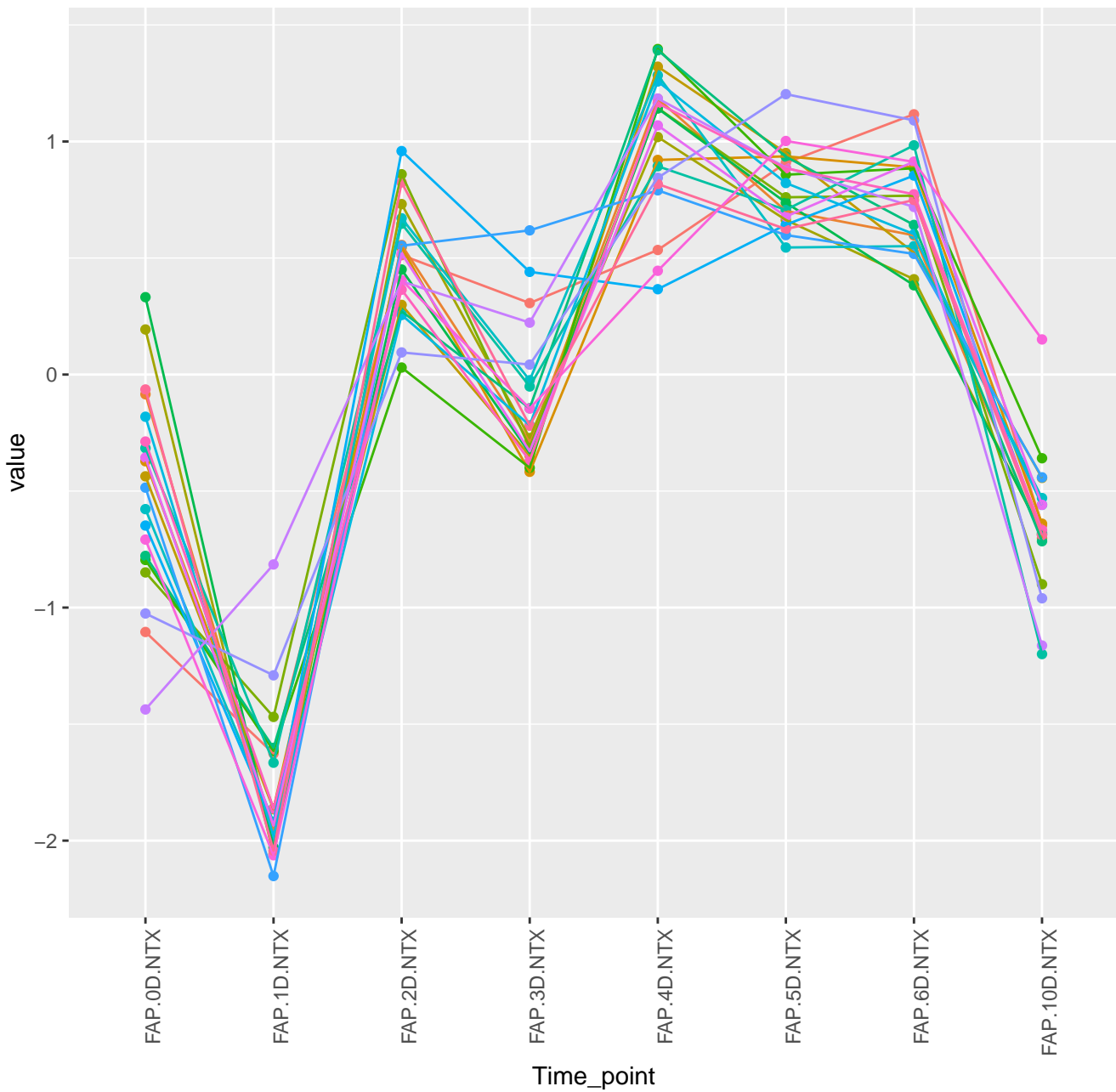




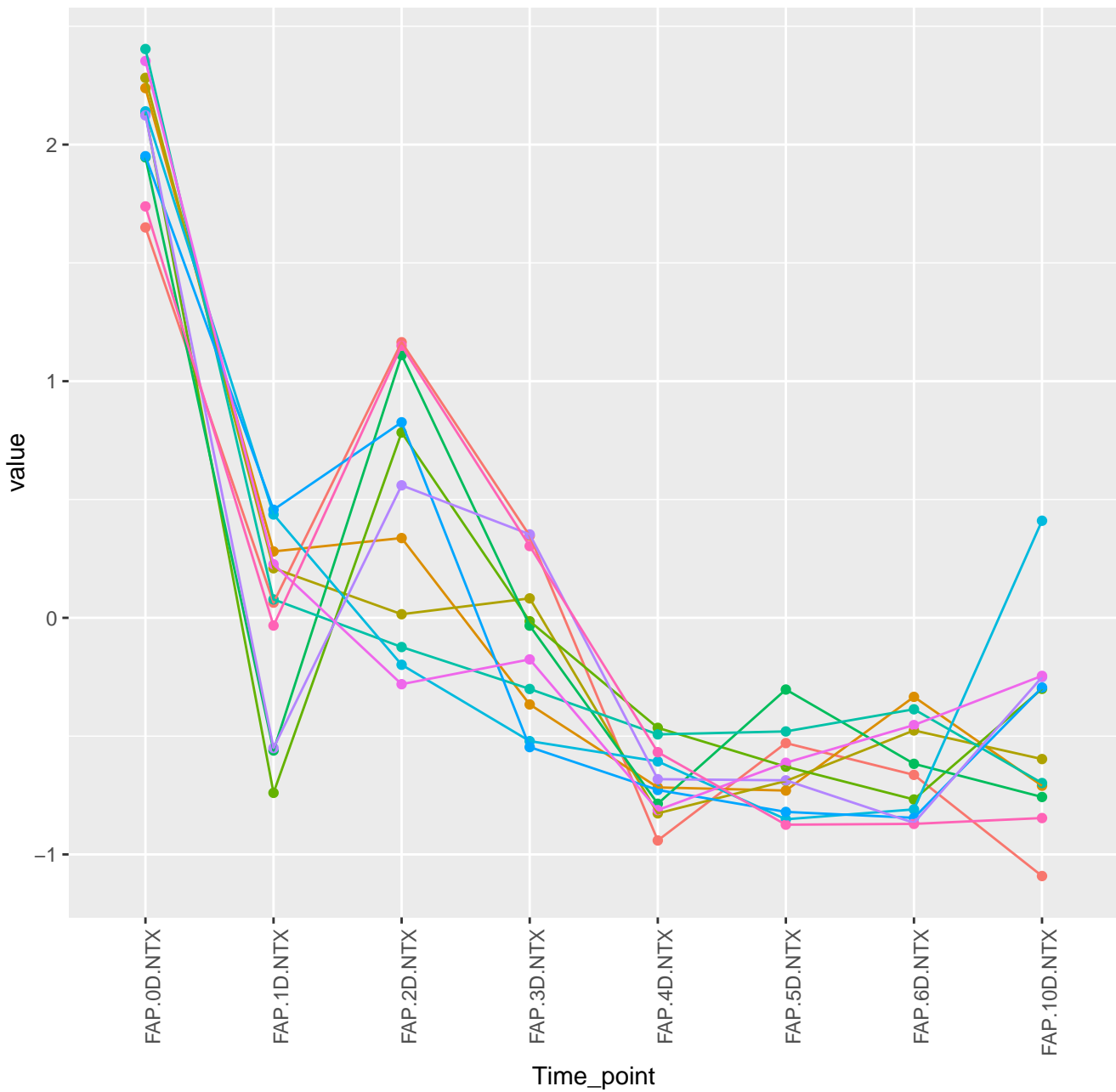
8 genes – cluster 497



20 genes – cluster 498



11 genes – cluster 499



7 genes – cluster 500

