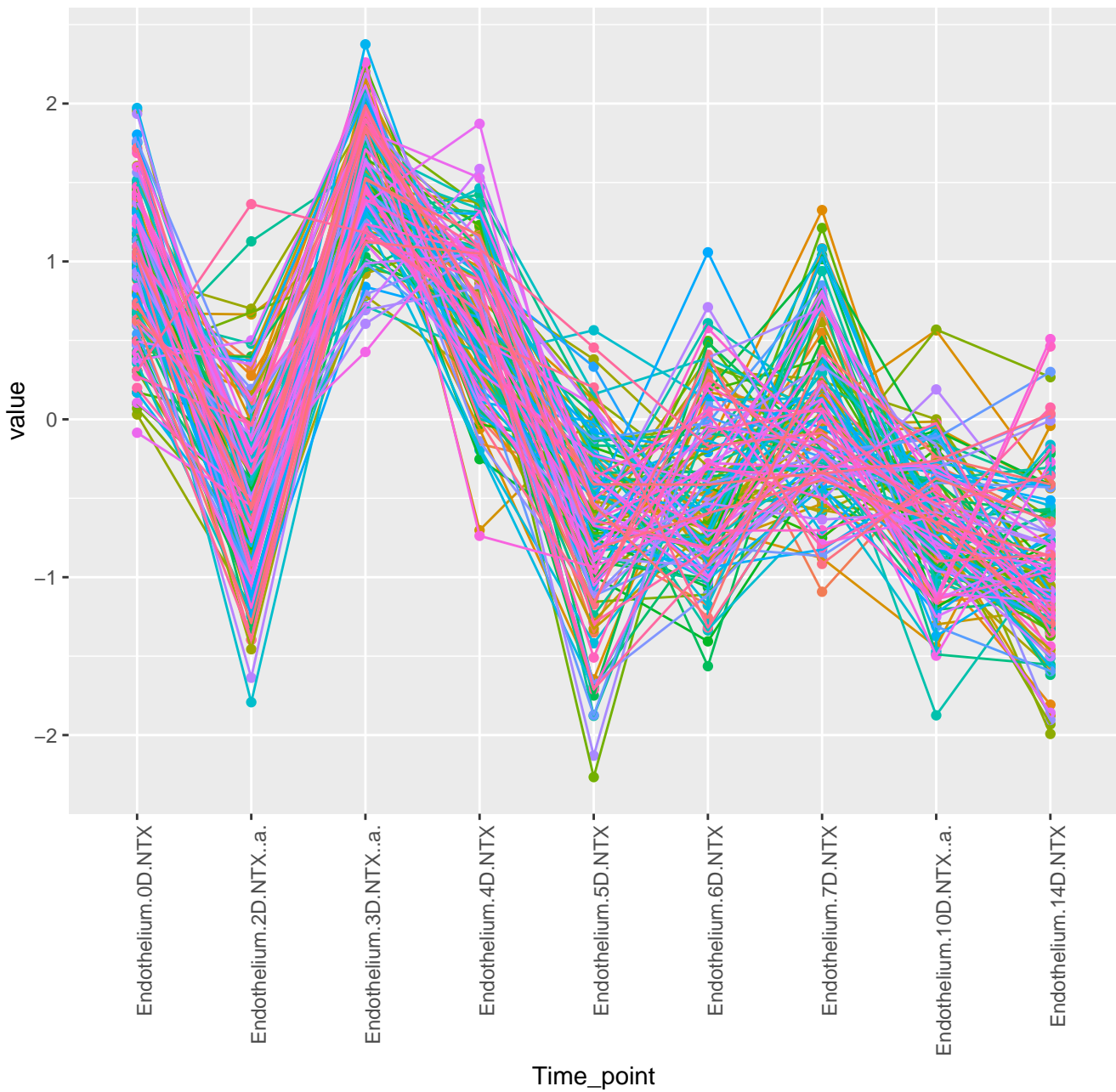
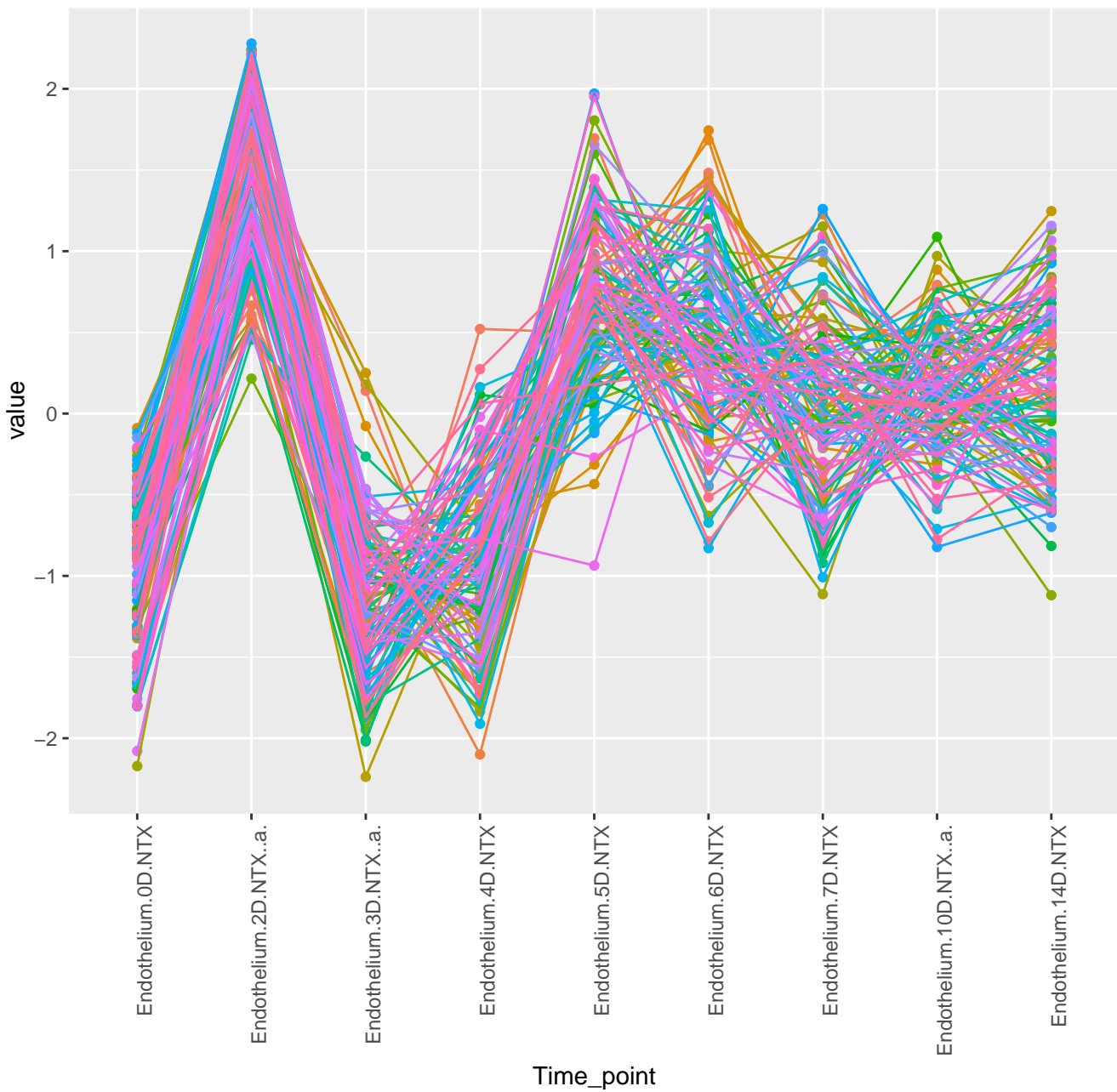


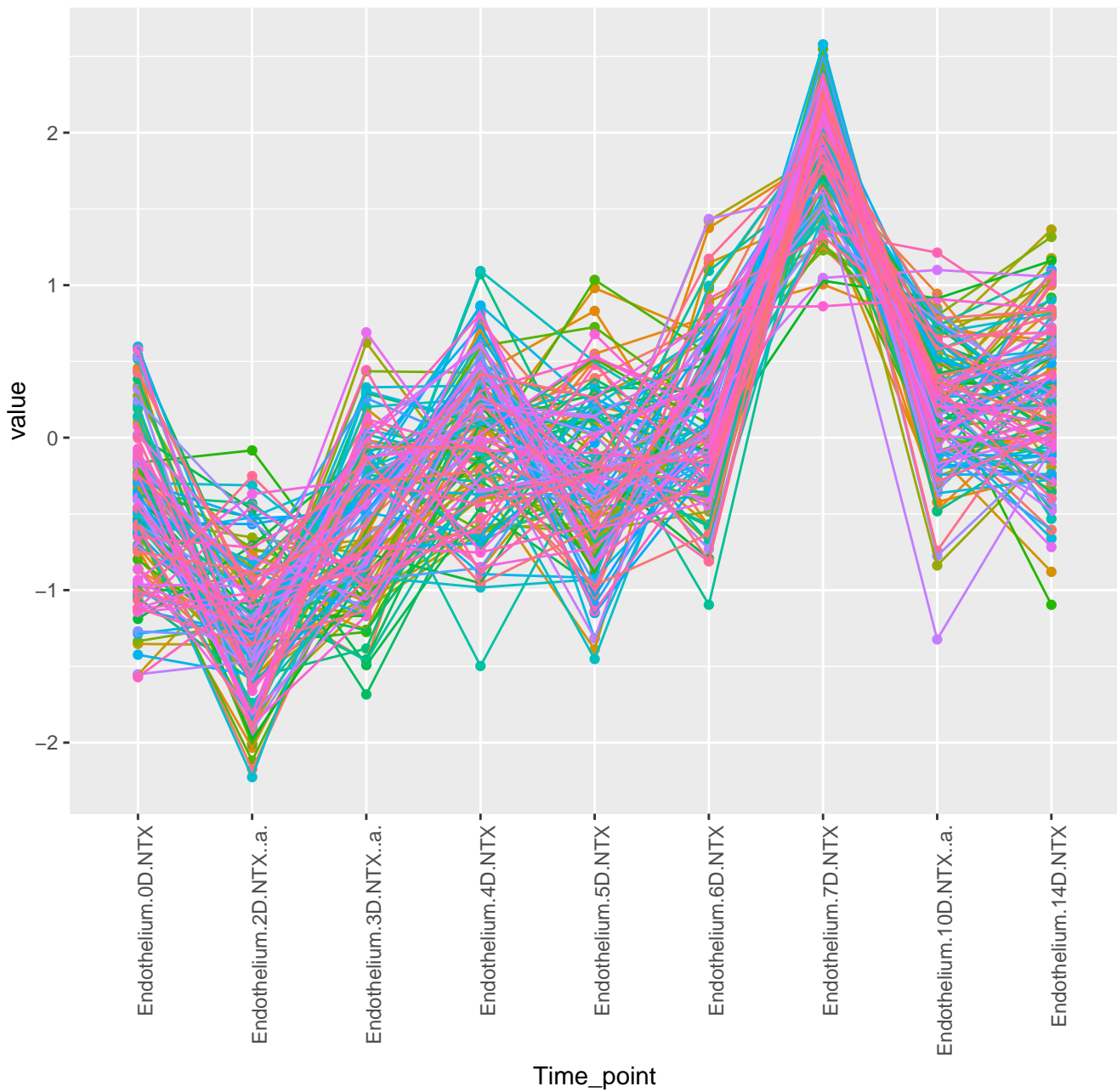
128 genes – cluster 1



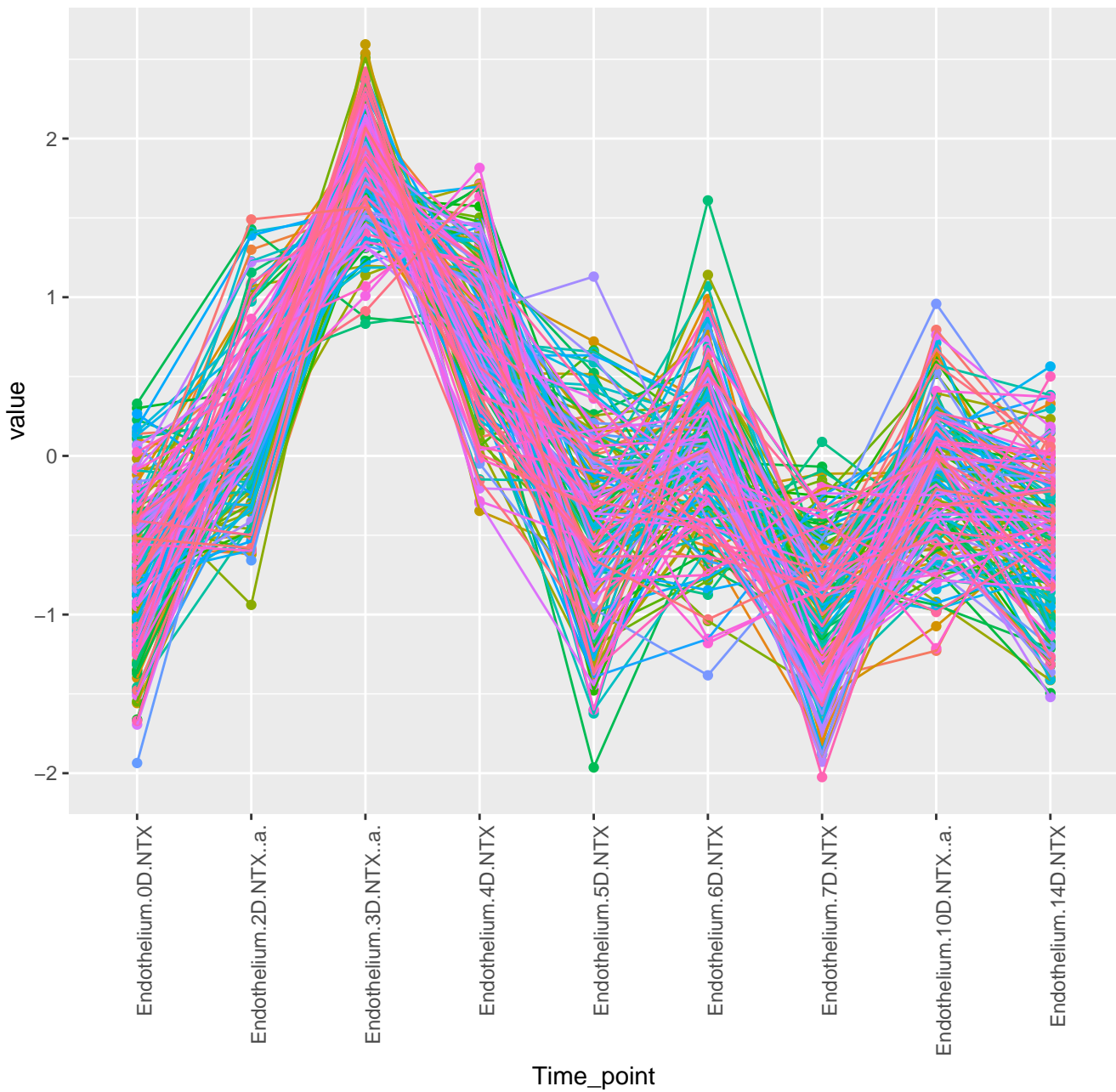
118 genes – cluster 2



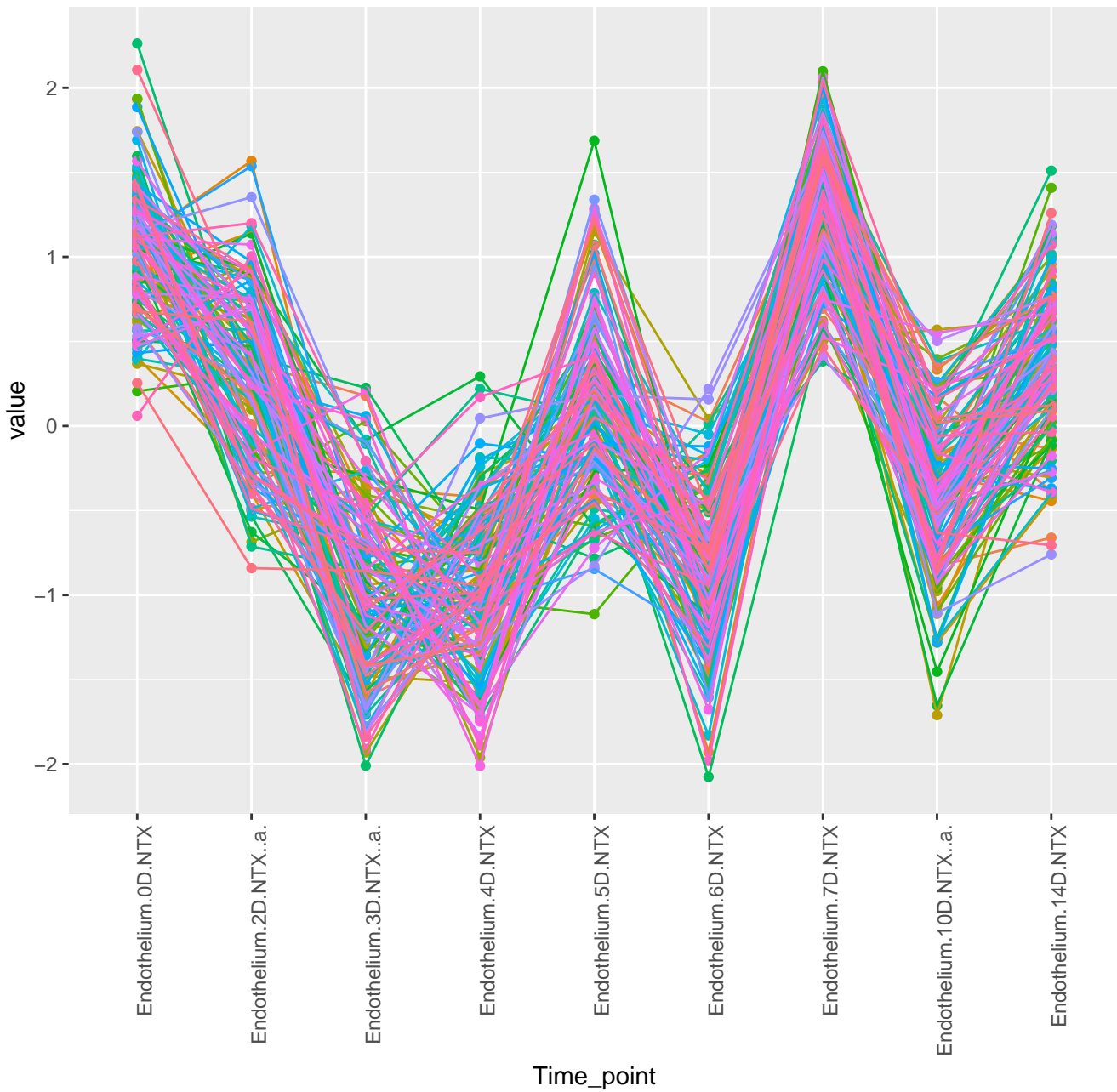
130 genes – cluster 3



163 genes – cluster 4

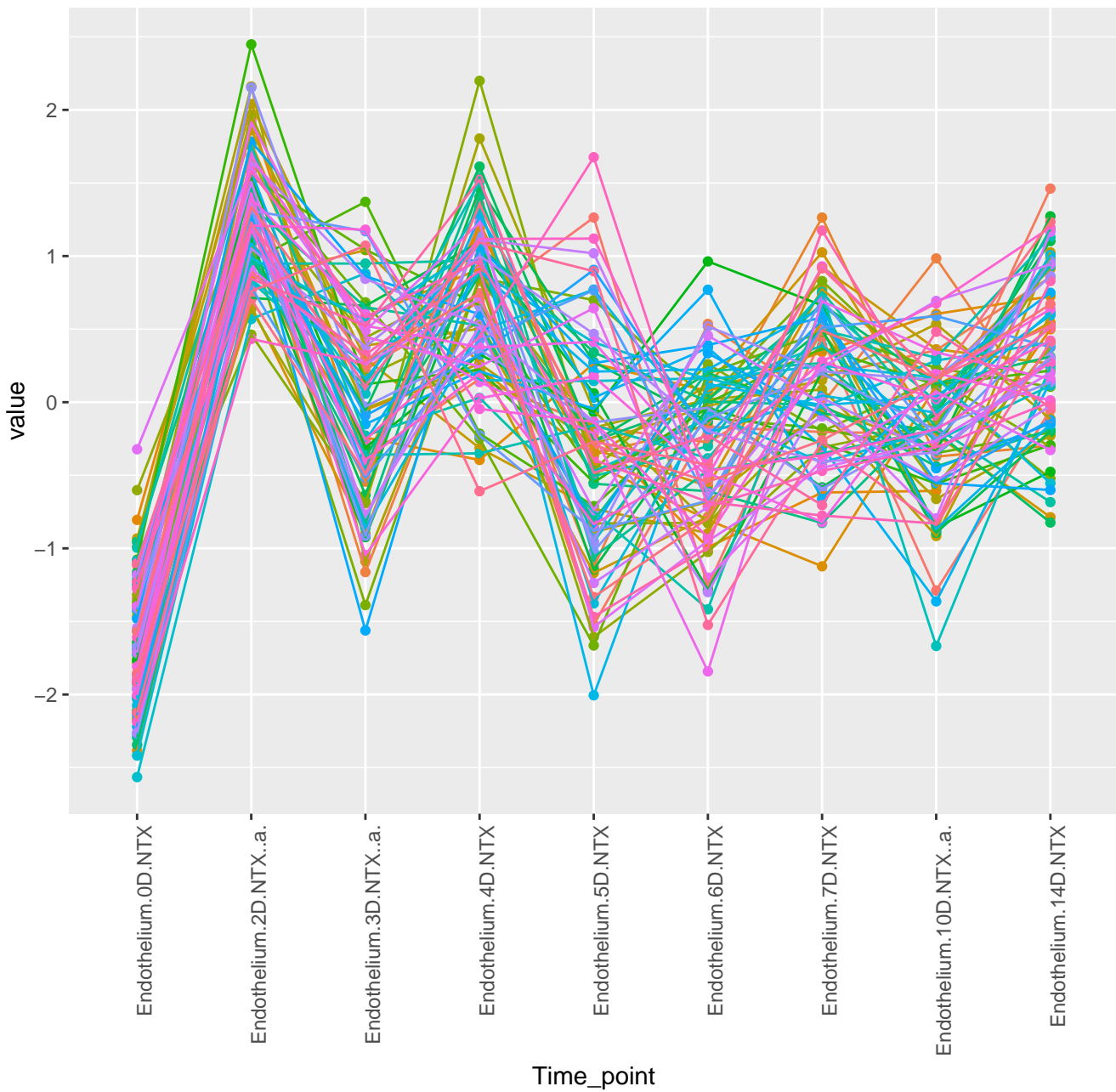


138 genes – cluster 5

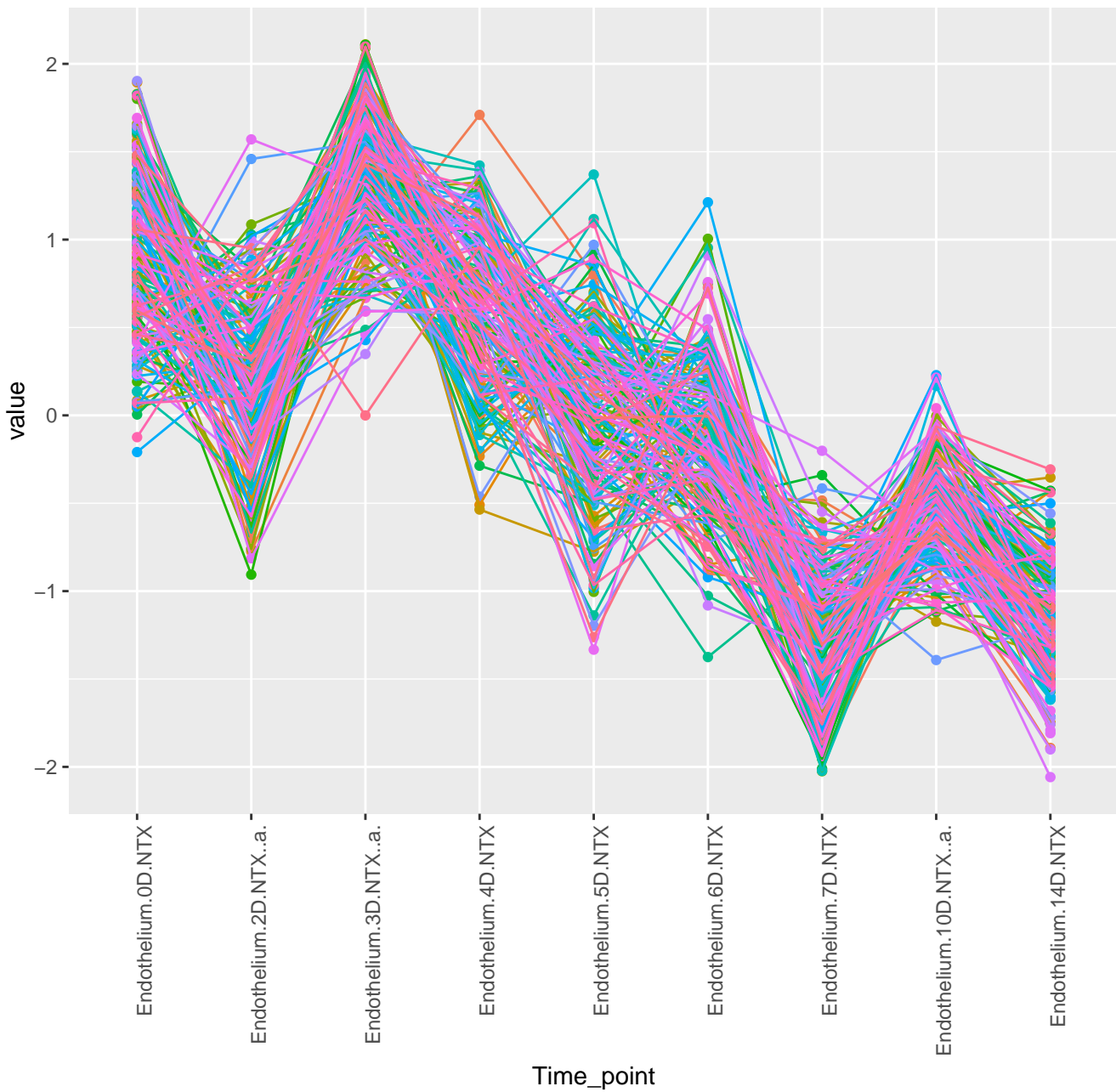




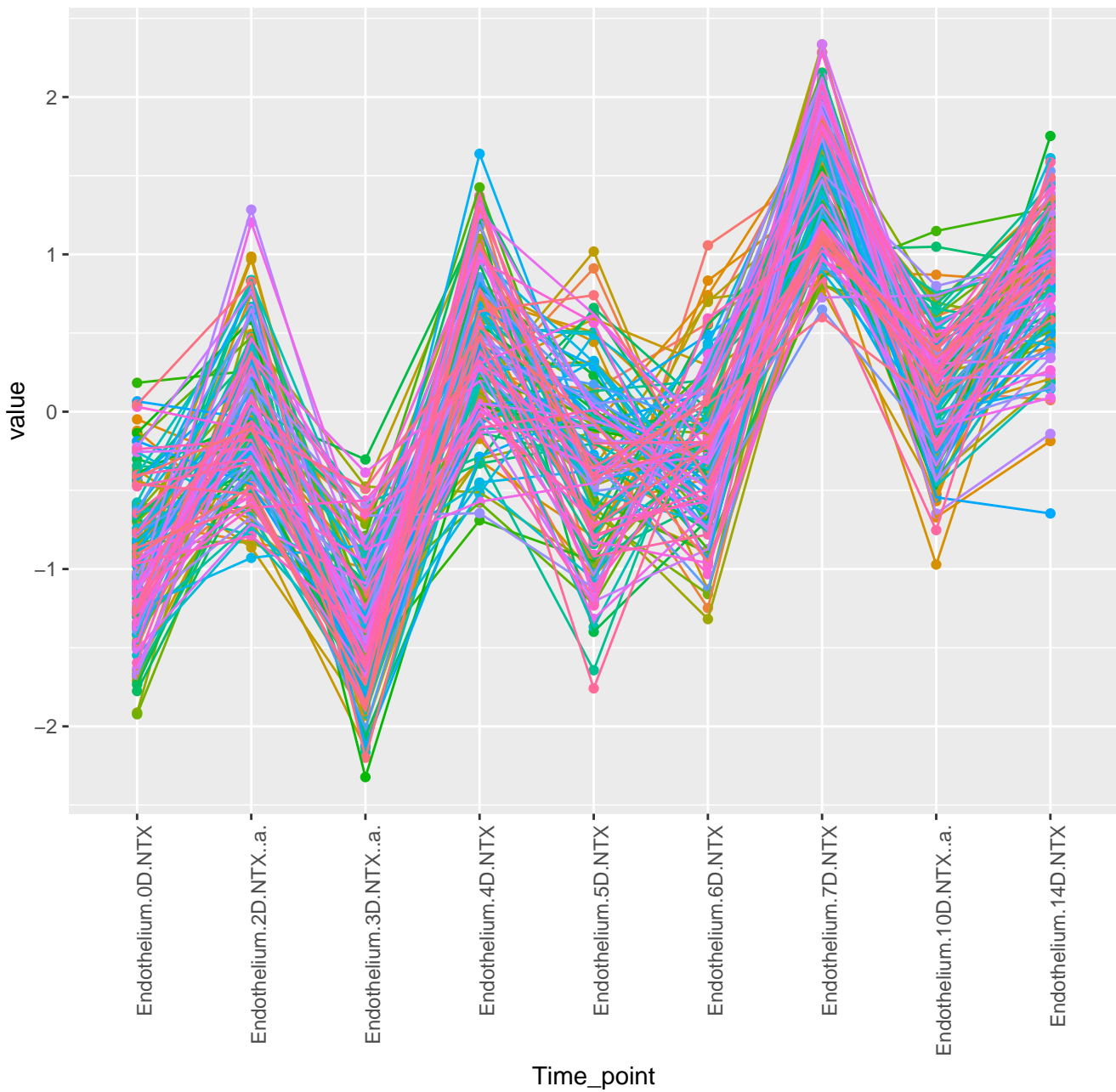
76 genes – cluster 6



162 genes – cluster 7

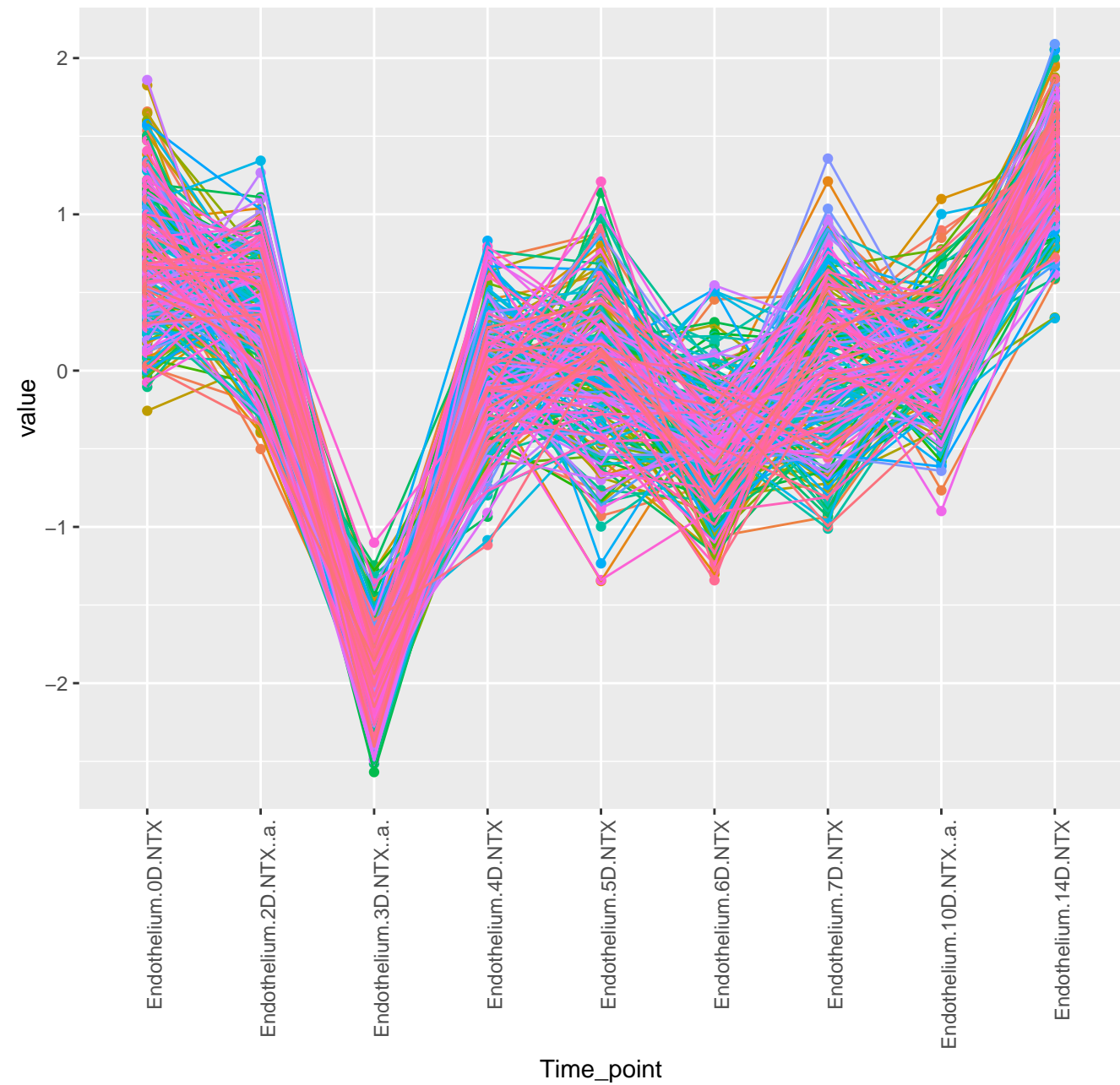


131 genes – cluster 8

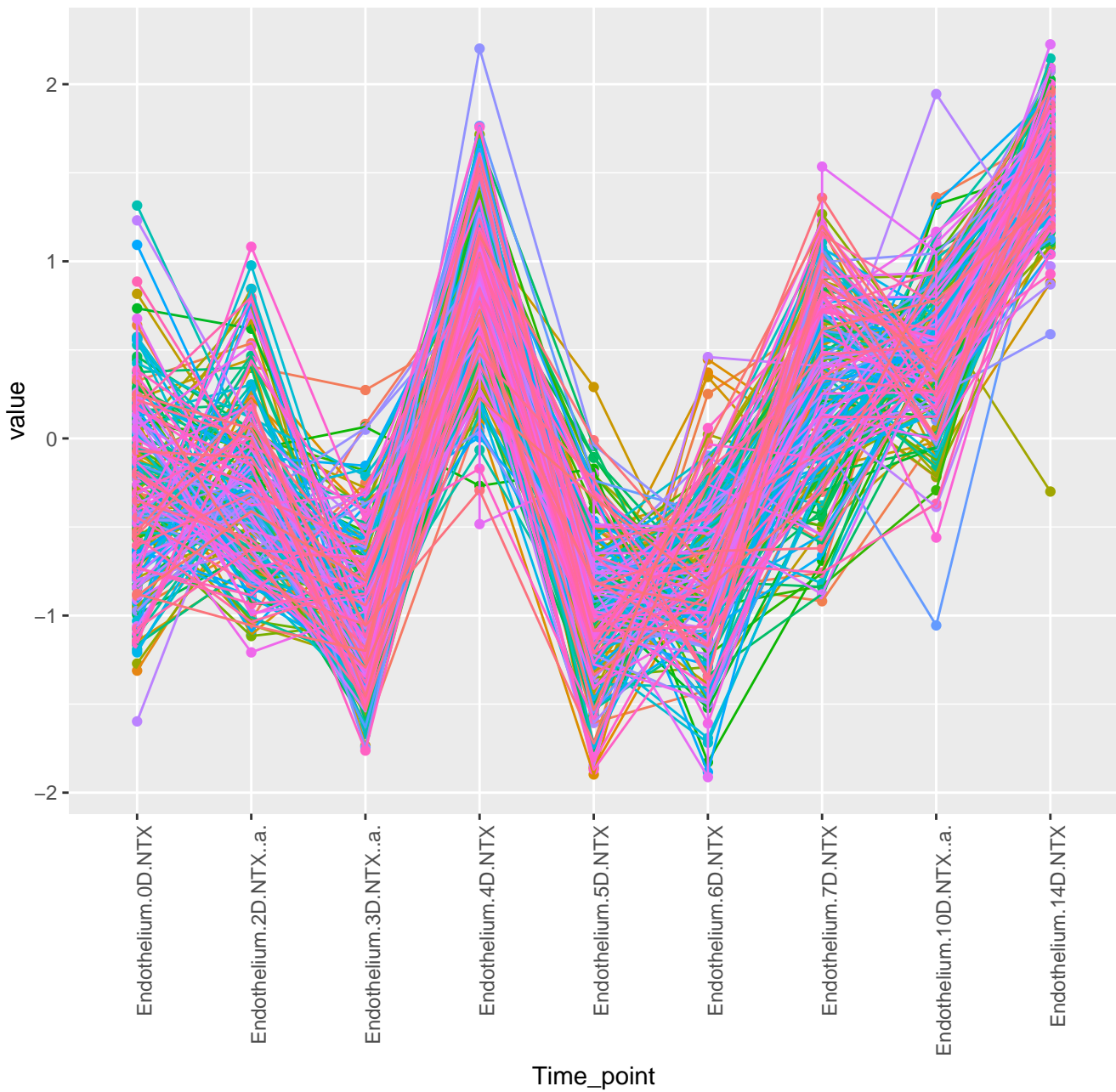




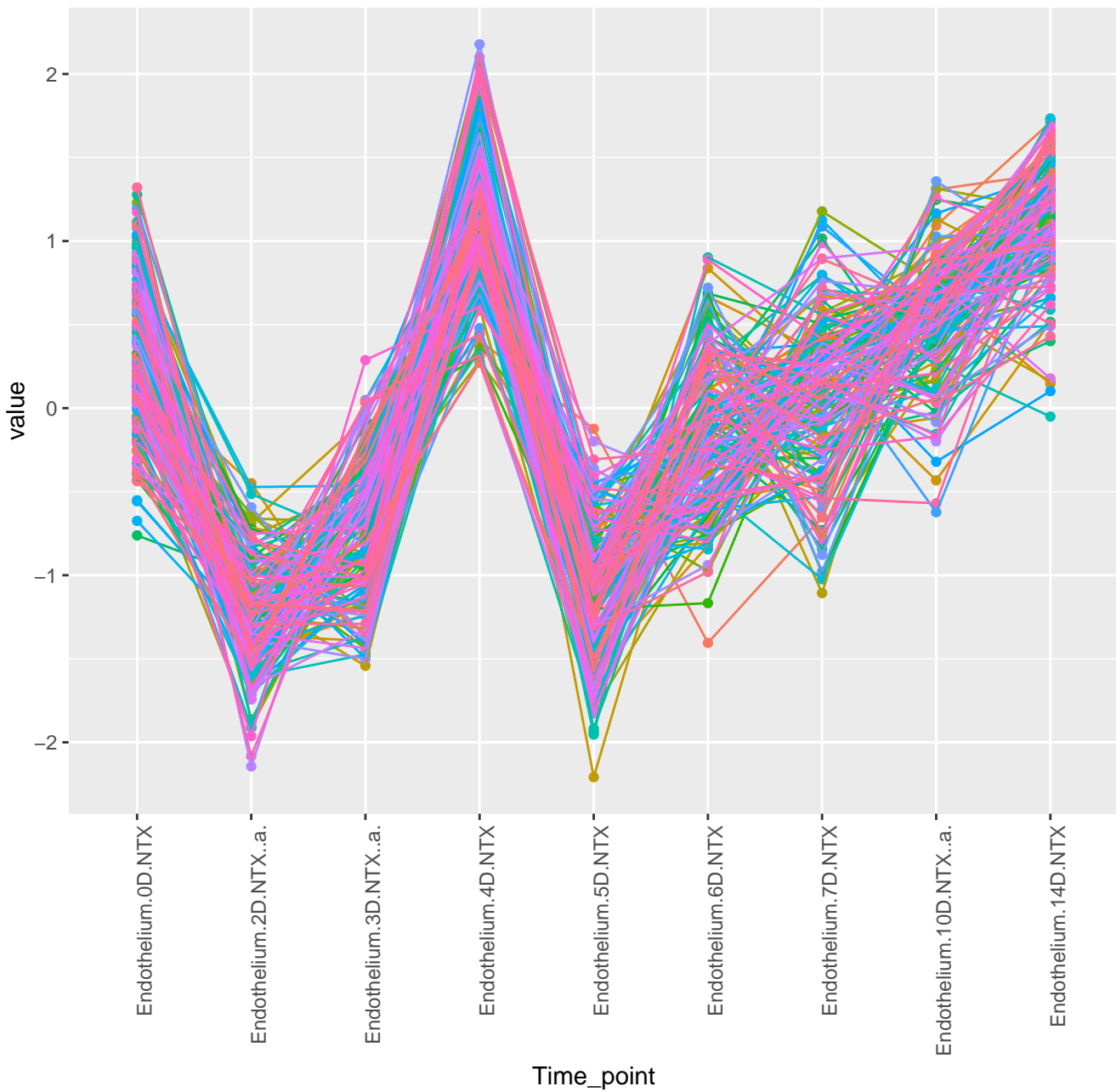
227 genes – cluster 9



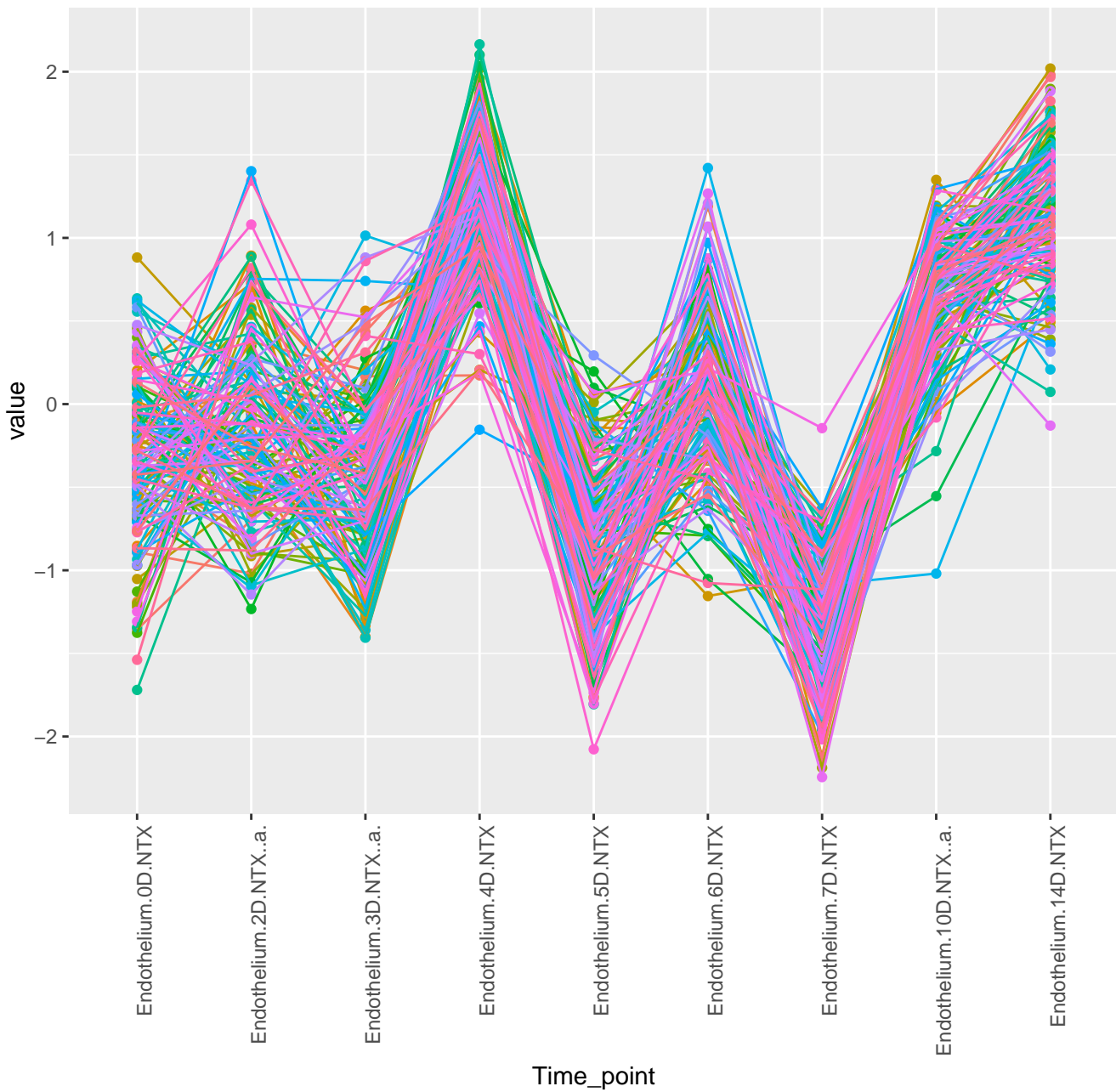
209 genes – cluster 10



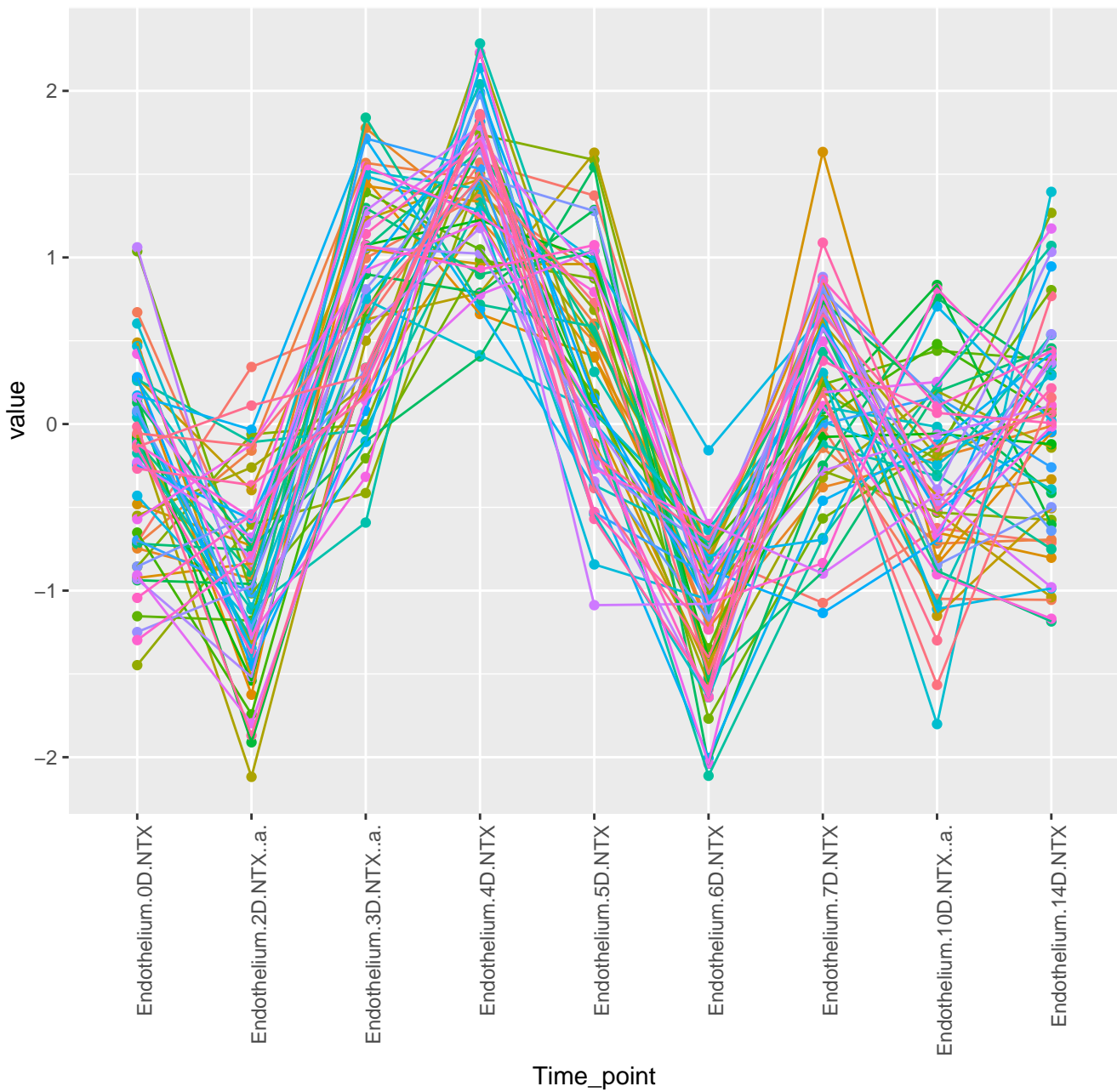
161 genes – cluster 11



136 genes – cluster 12

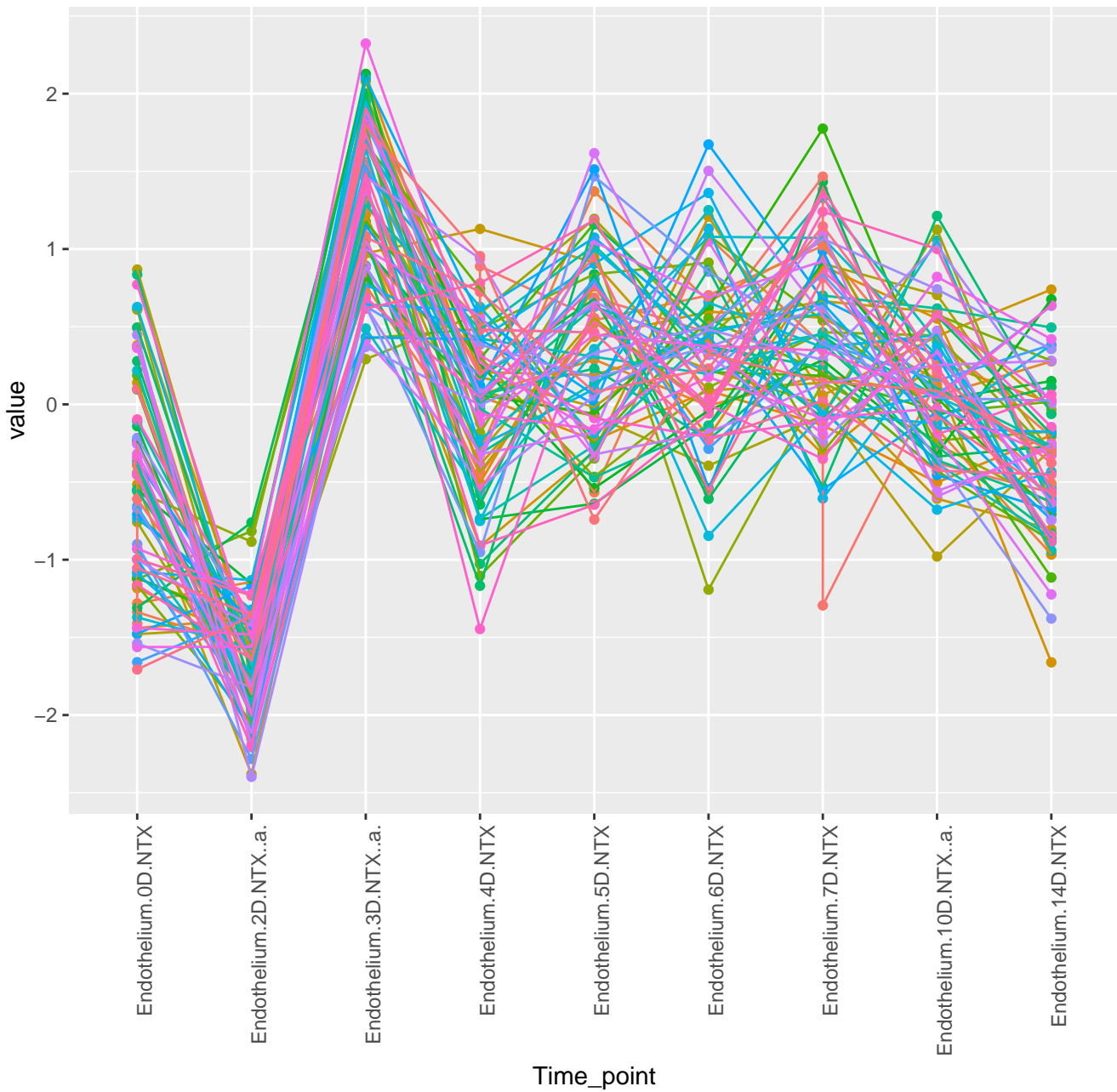


54 genes – cluster 13

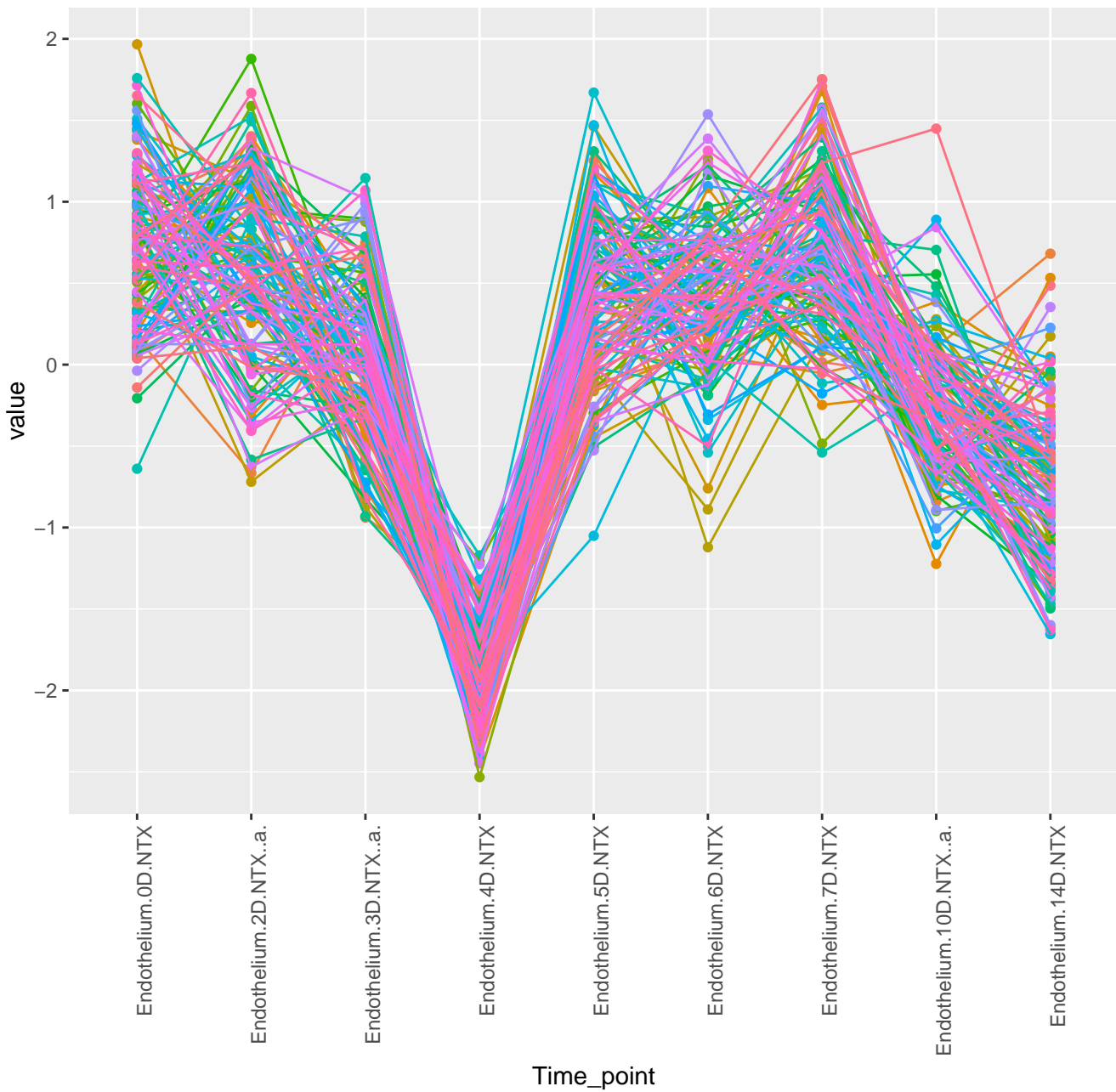




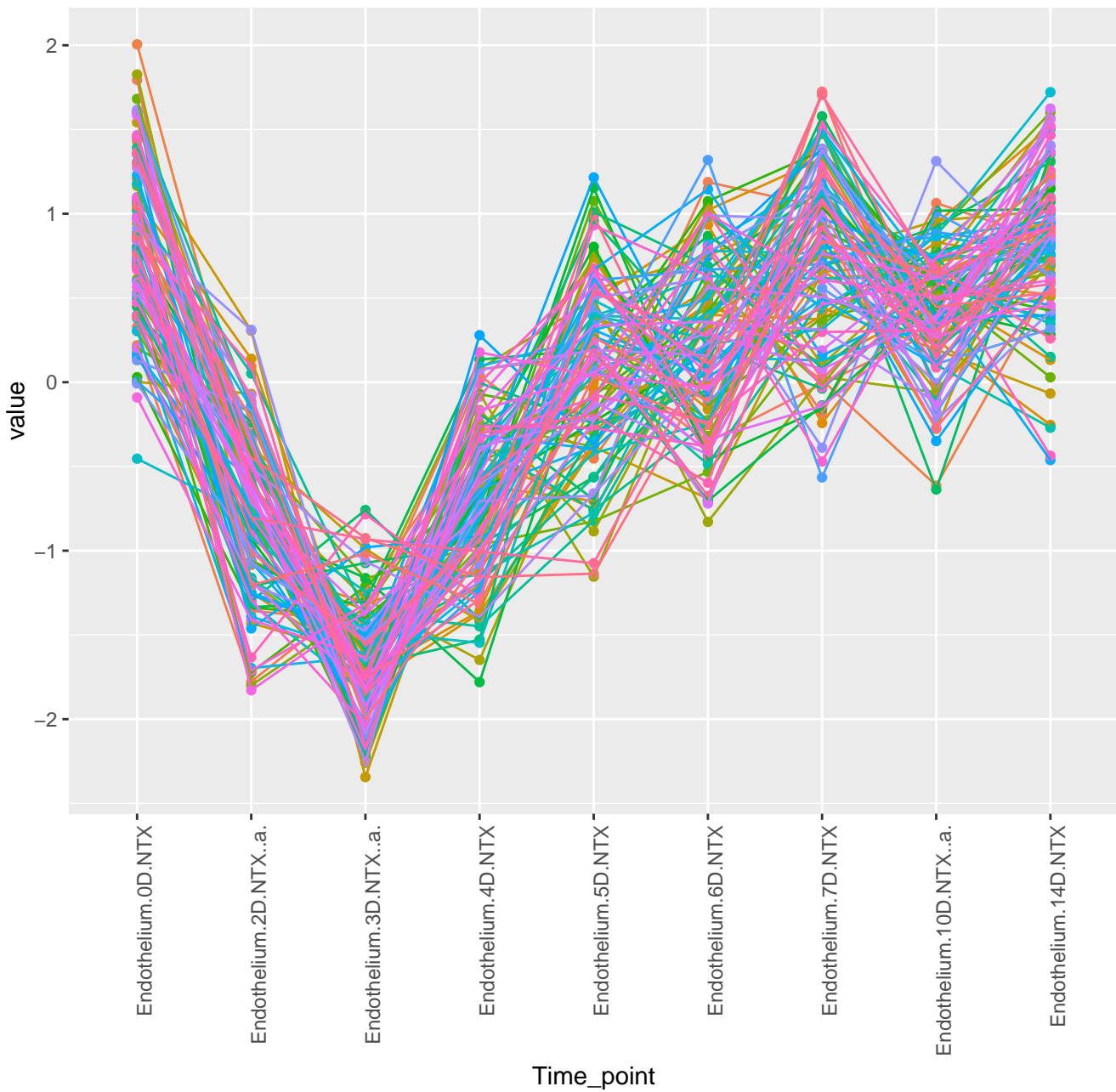
73 genes – cluster 14



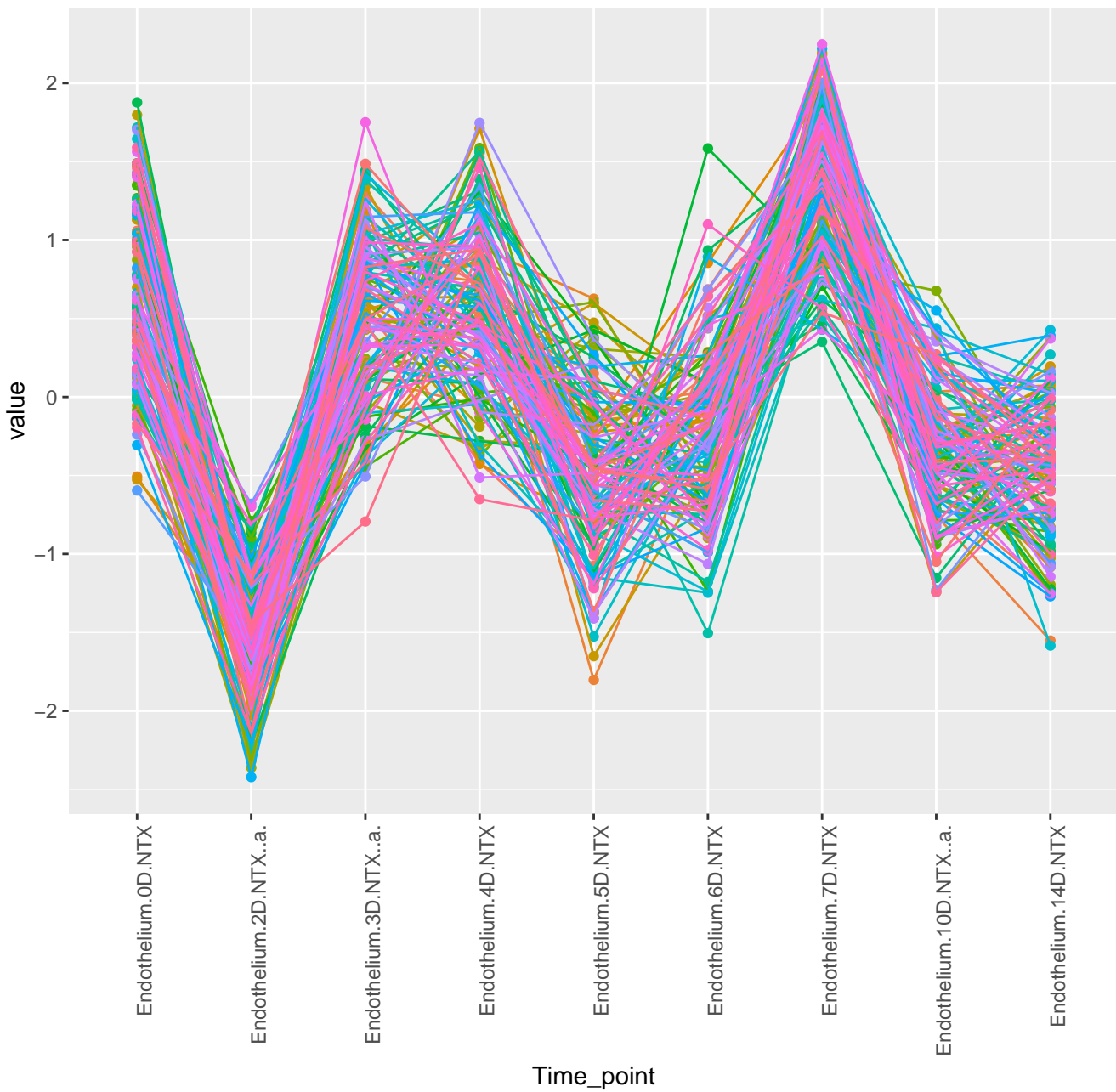
133 genes – cluster 15



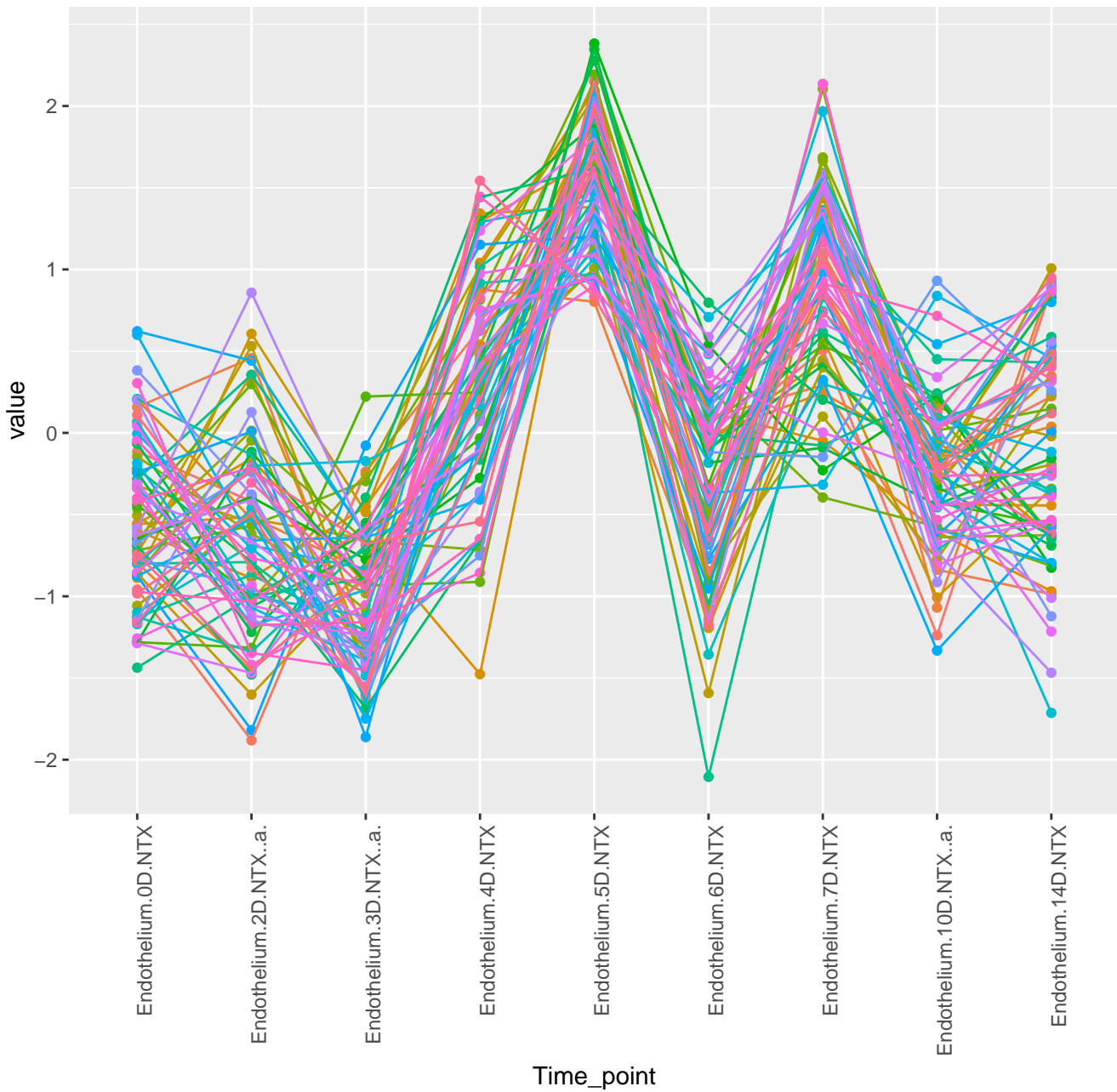
108 genes – cluster 16



127 genes – cluster 17

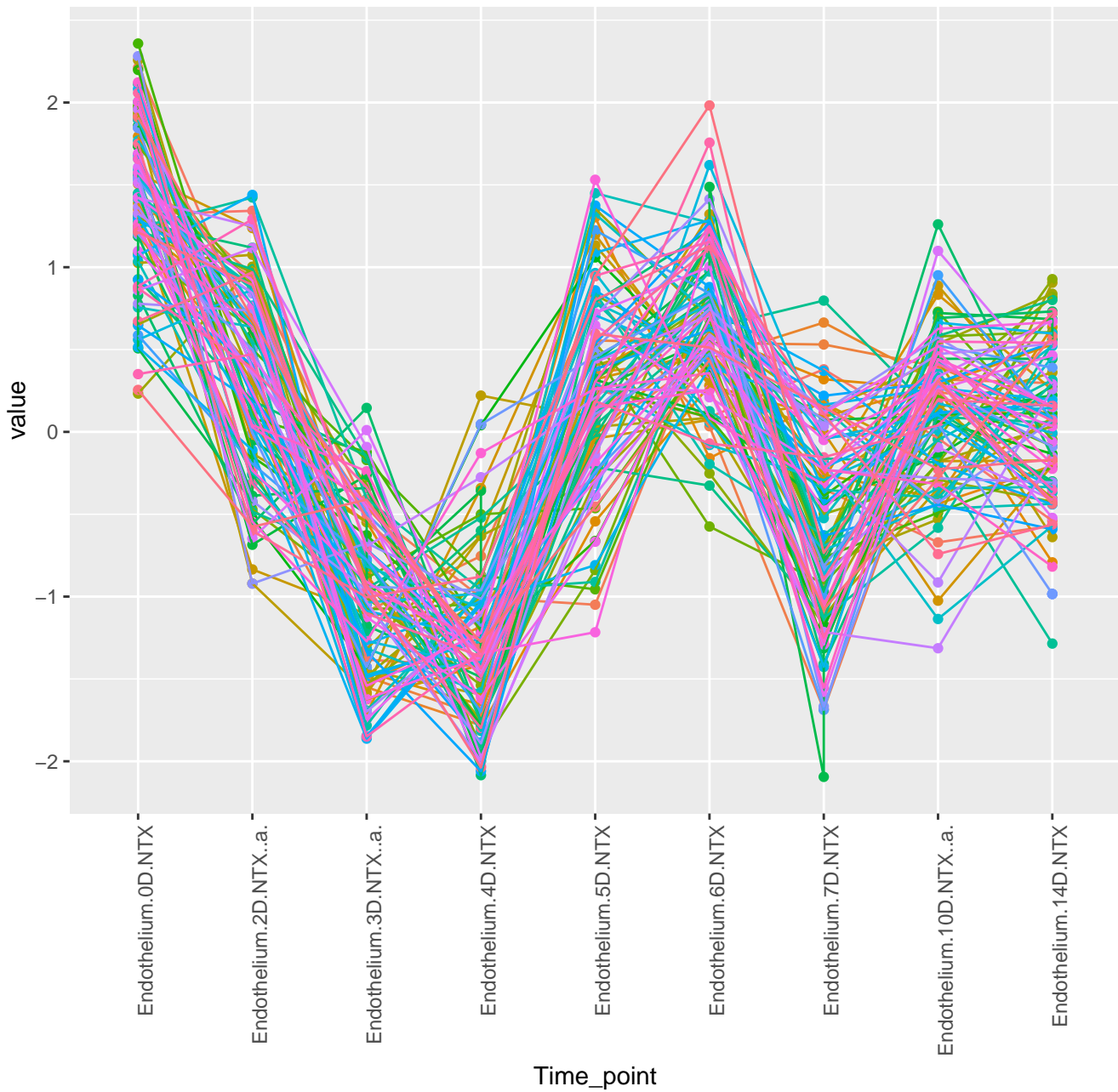


70 genes – cluster 18

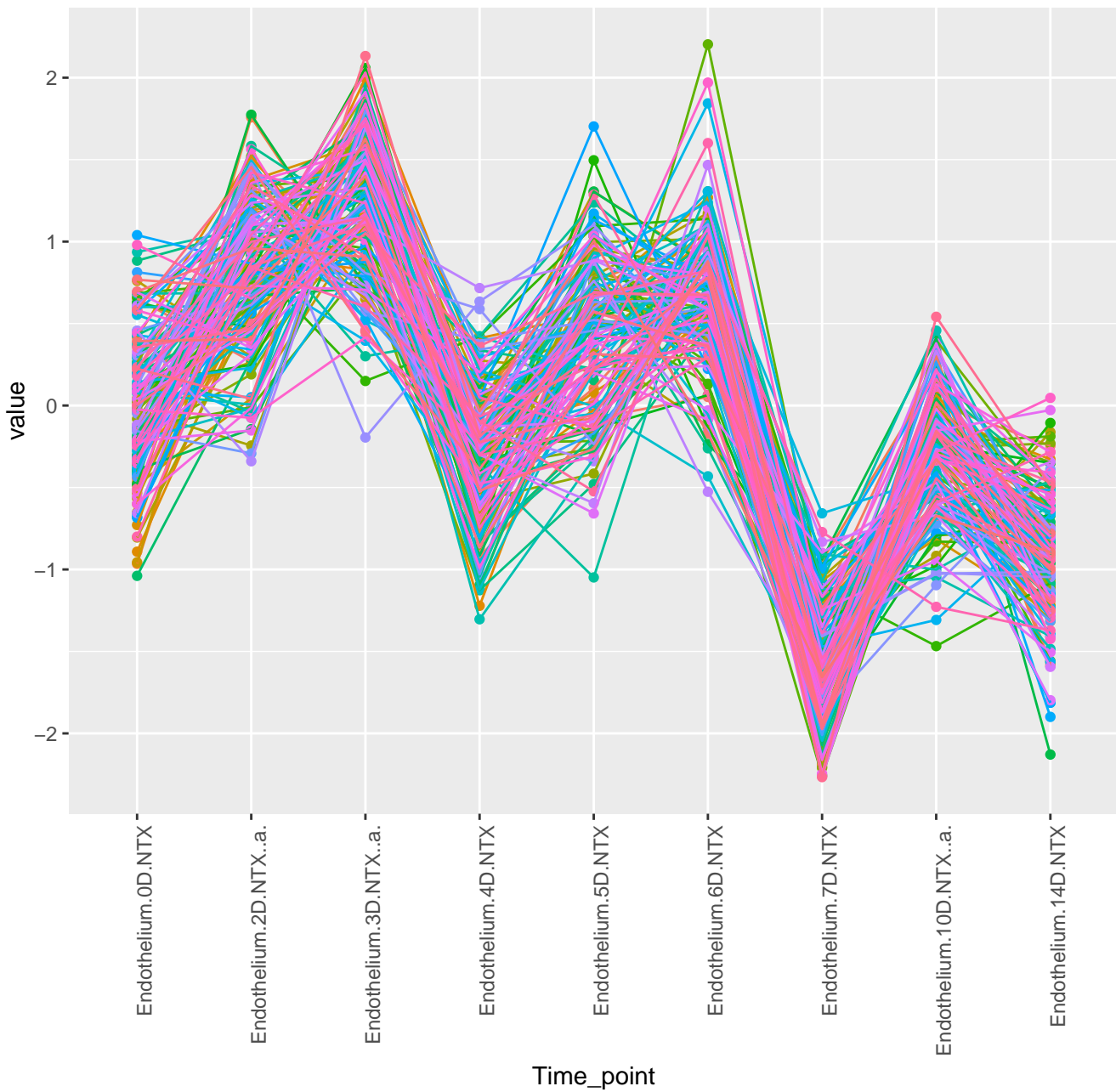




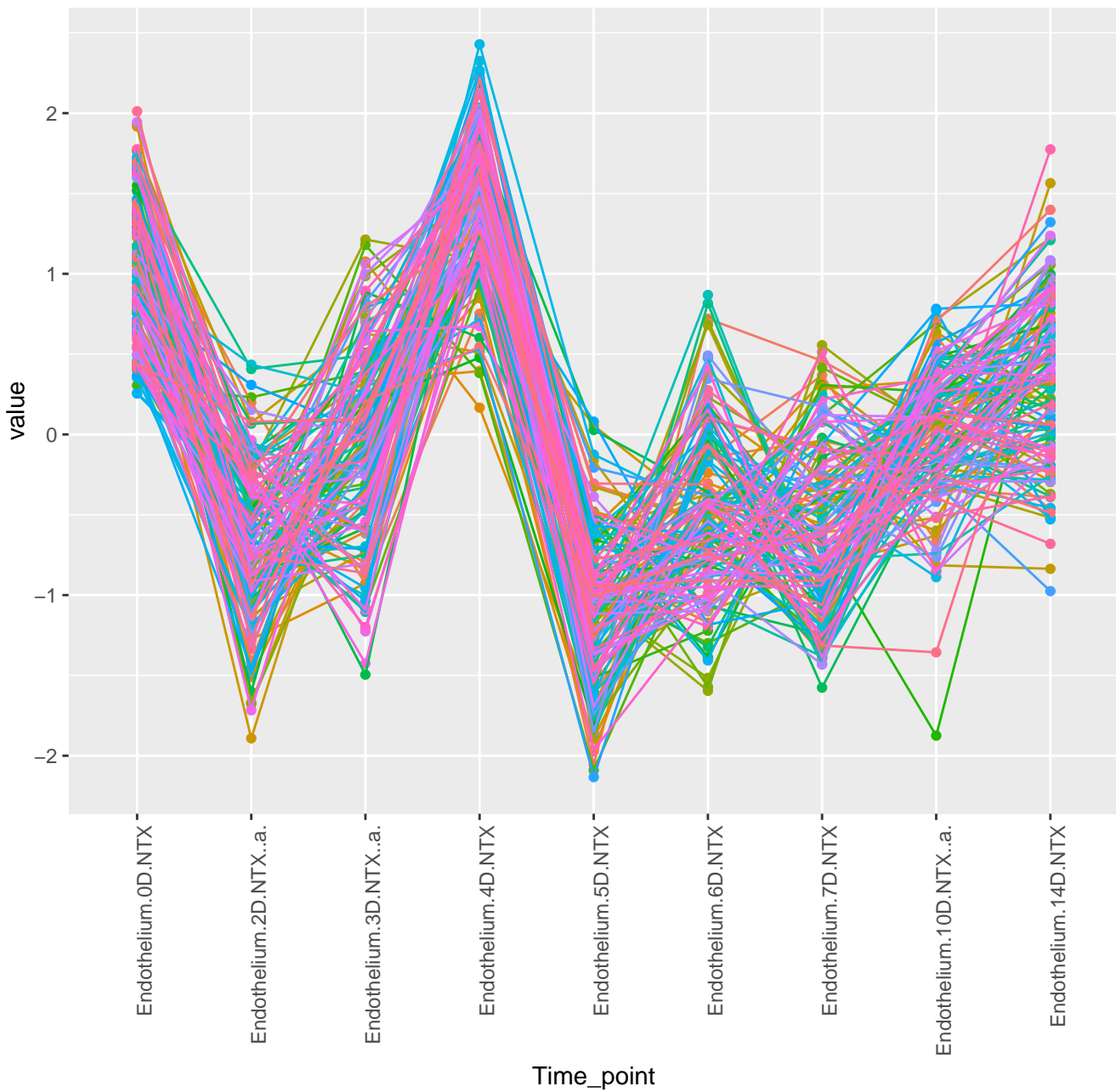
98 genes – cluster 19



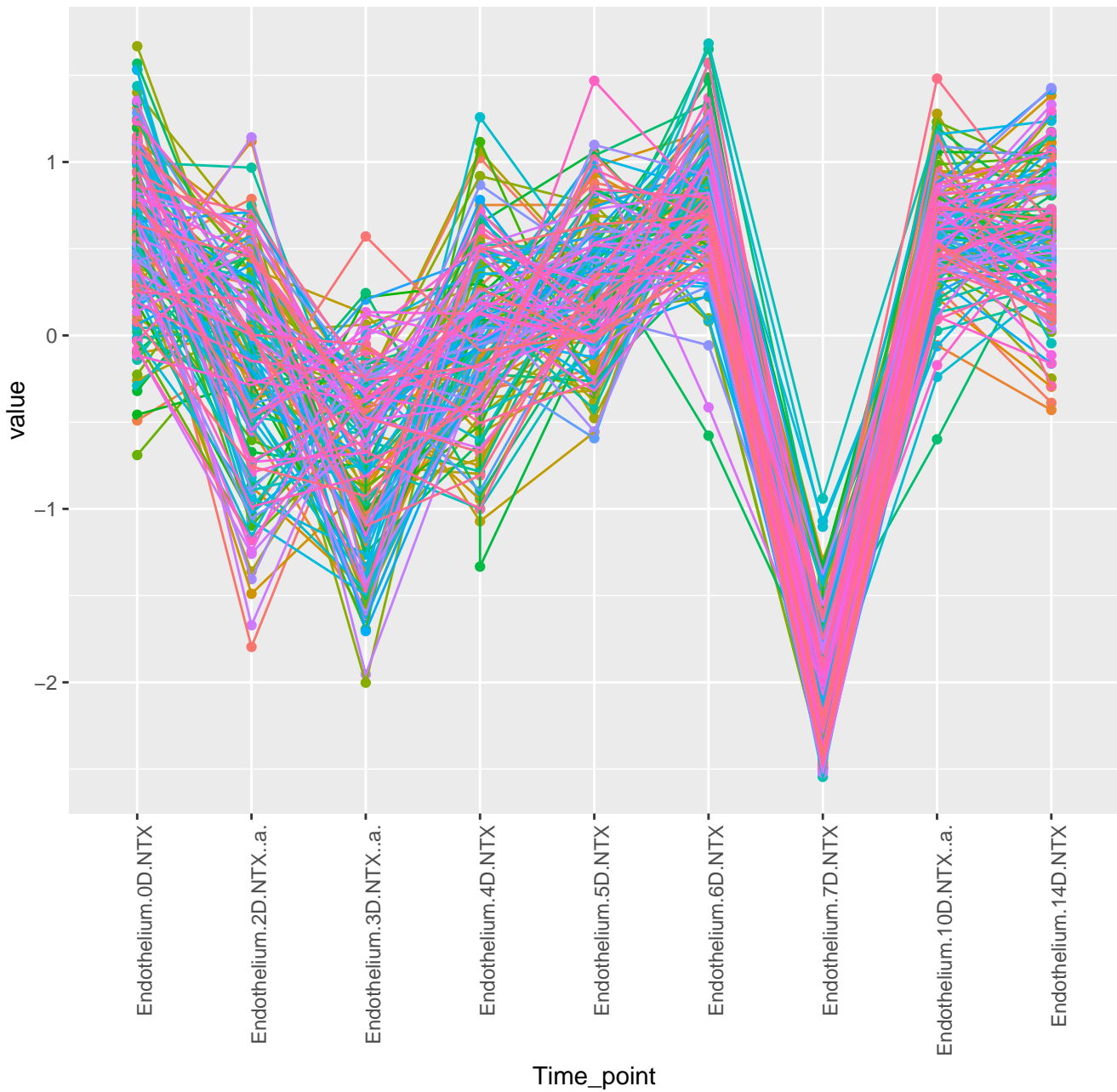
145 genes – cluster 20



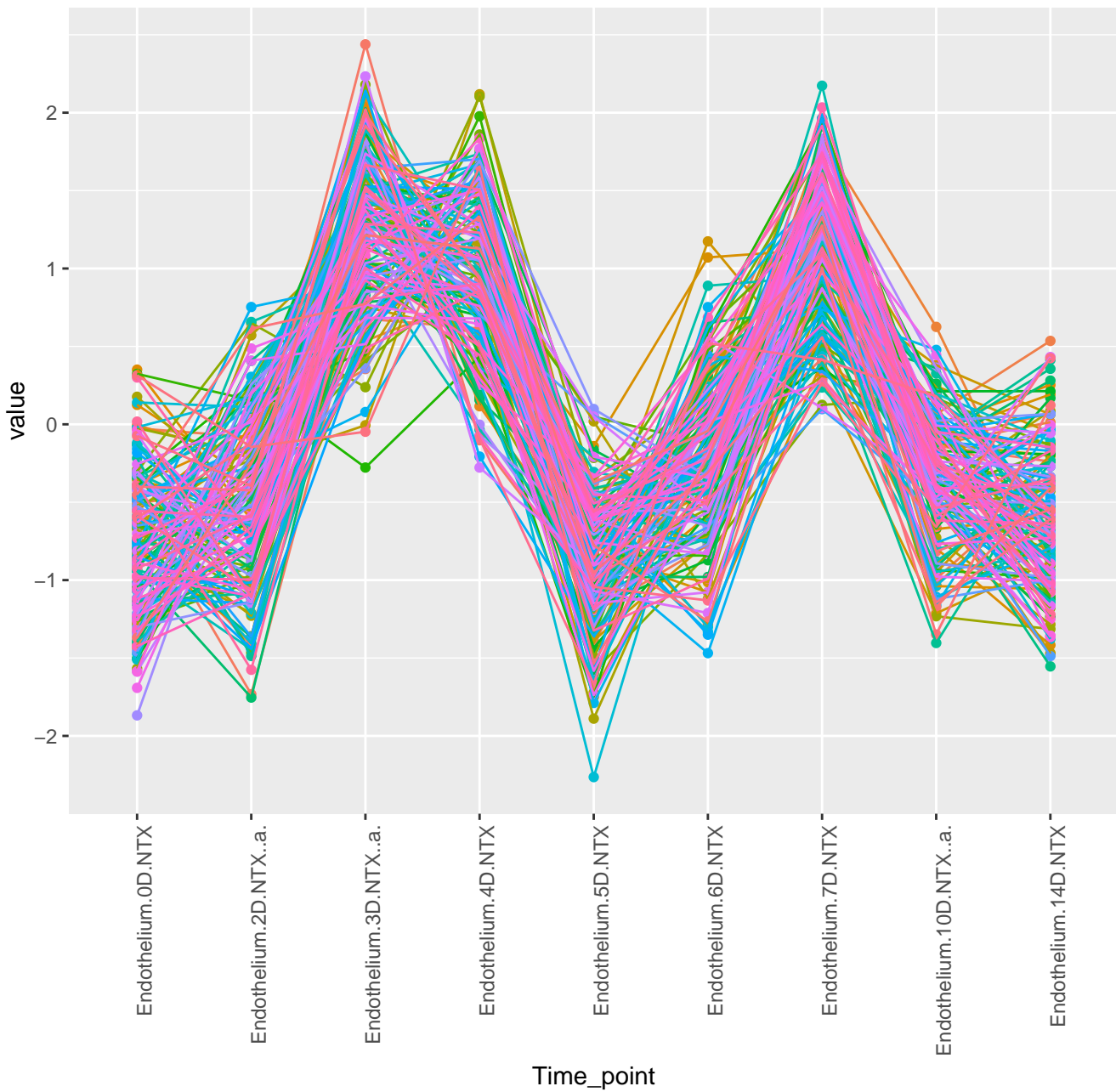
136 genes – cluster 21



142 genes – cluster 22

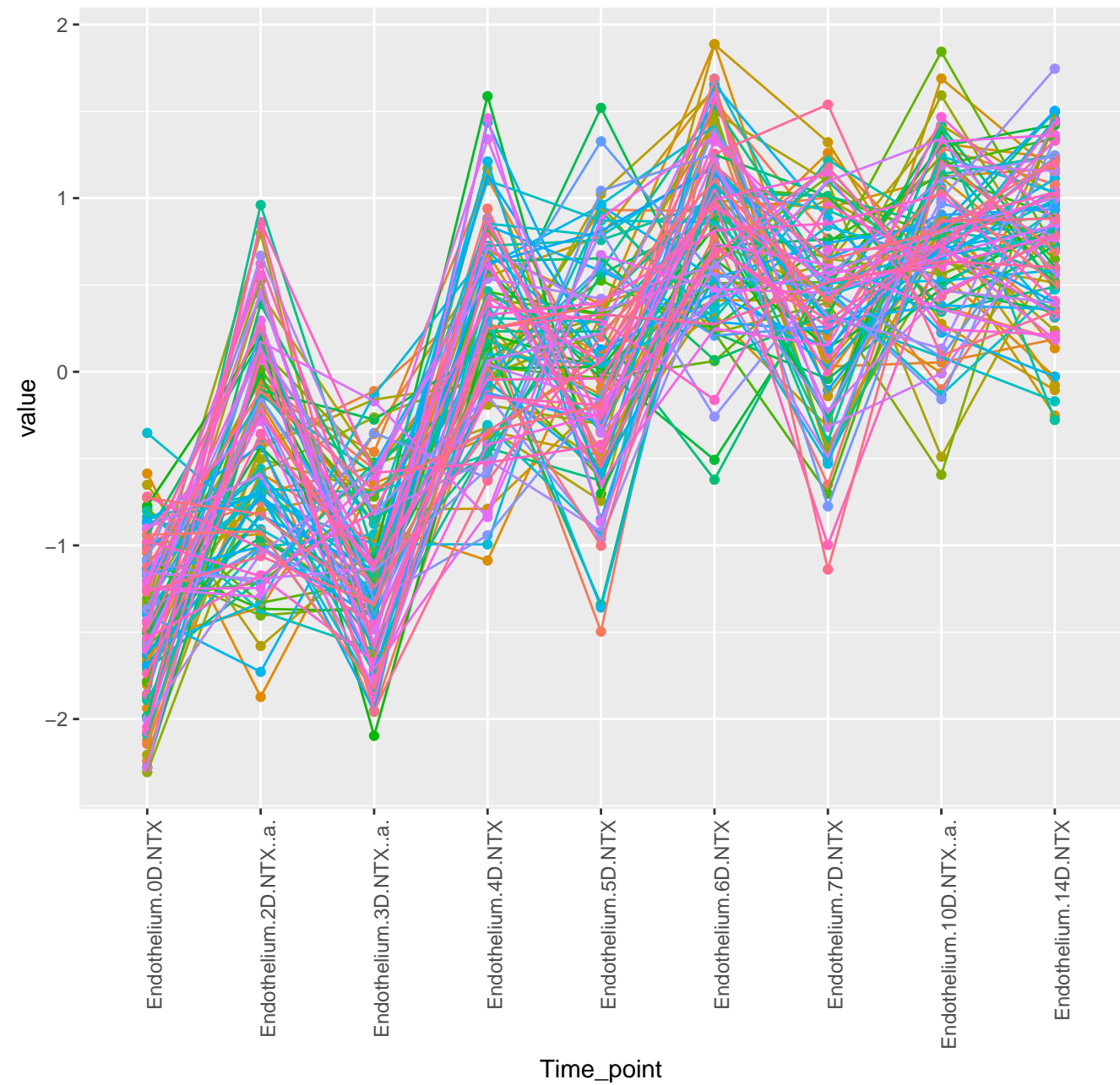


152 genes – cluster 23

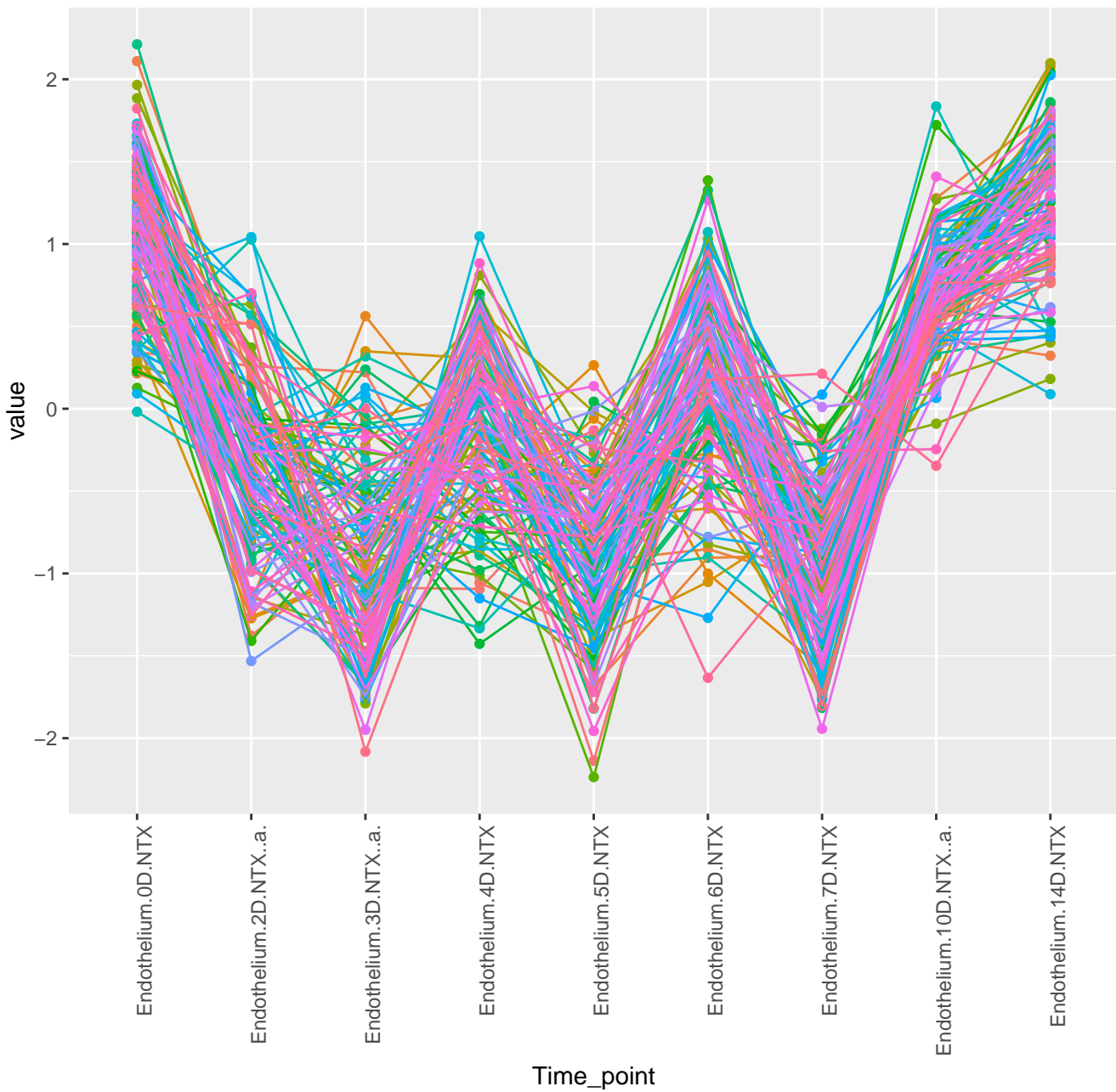




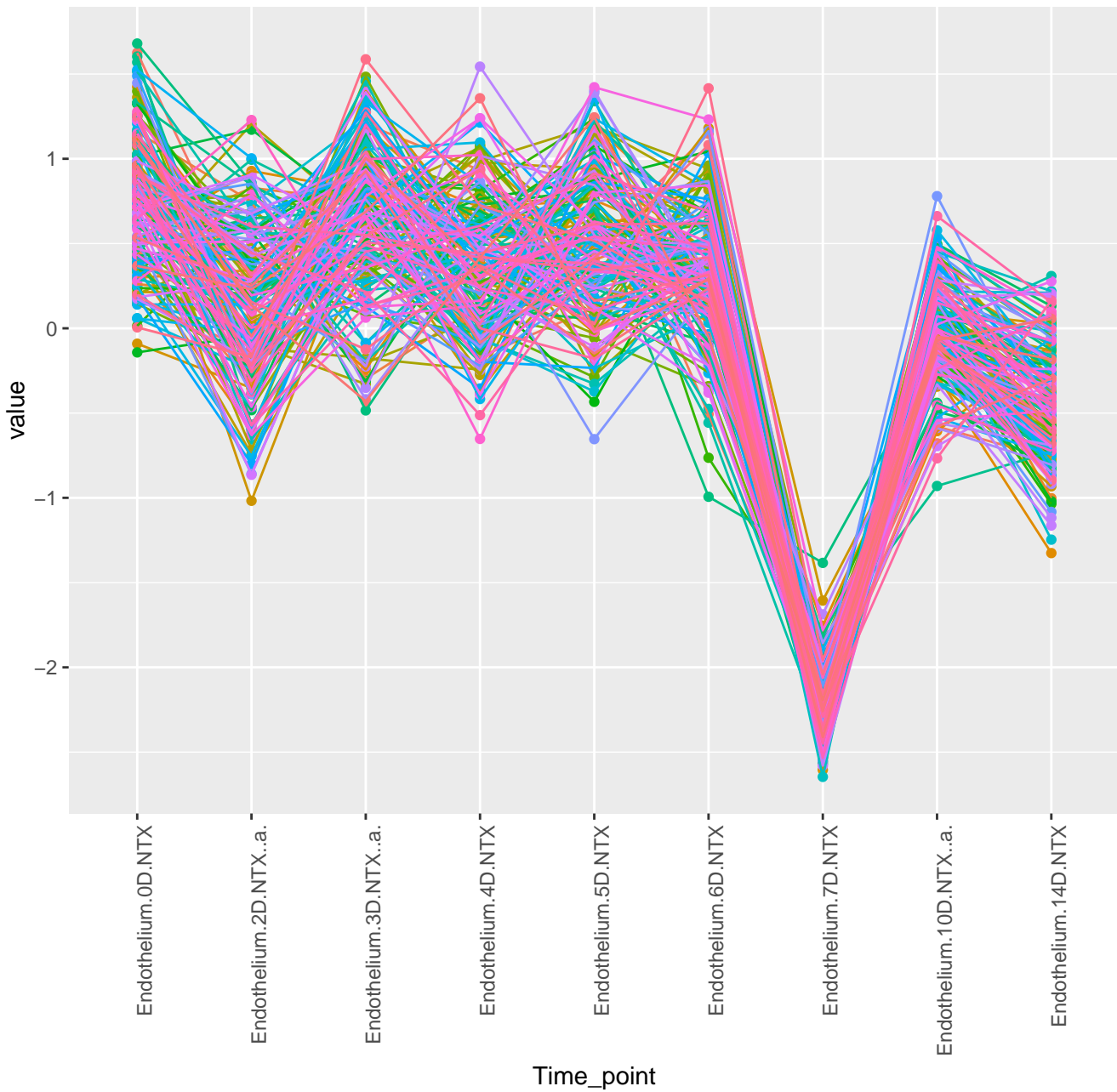
99 genes – cluster 24



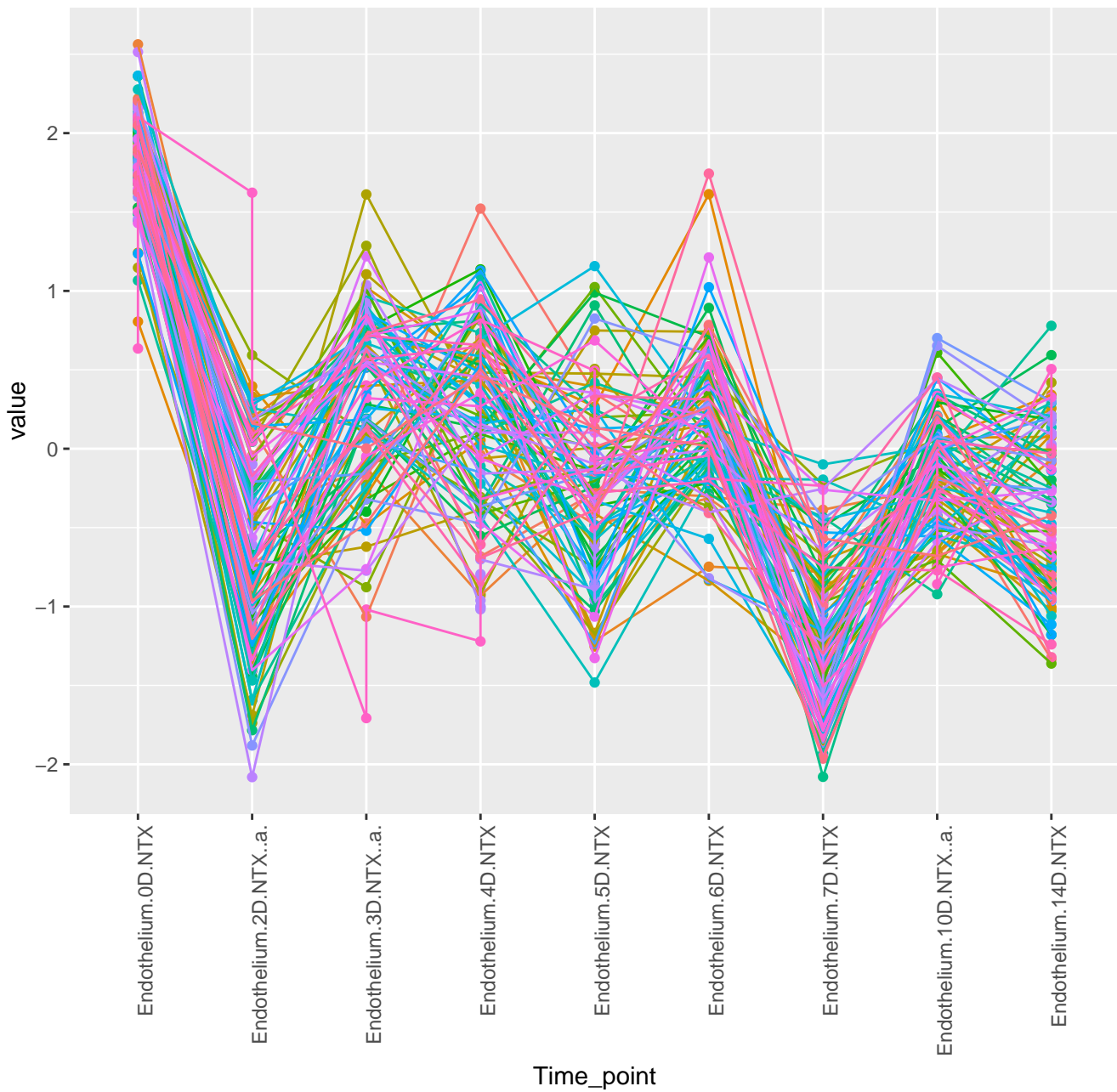
121 genes – cluster 25



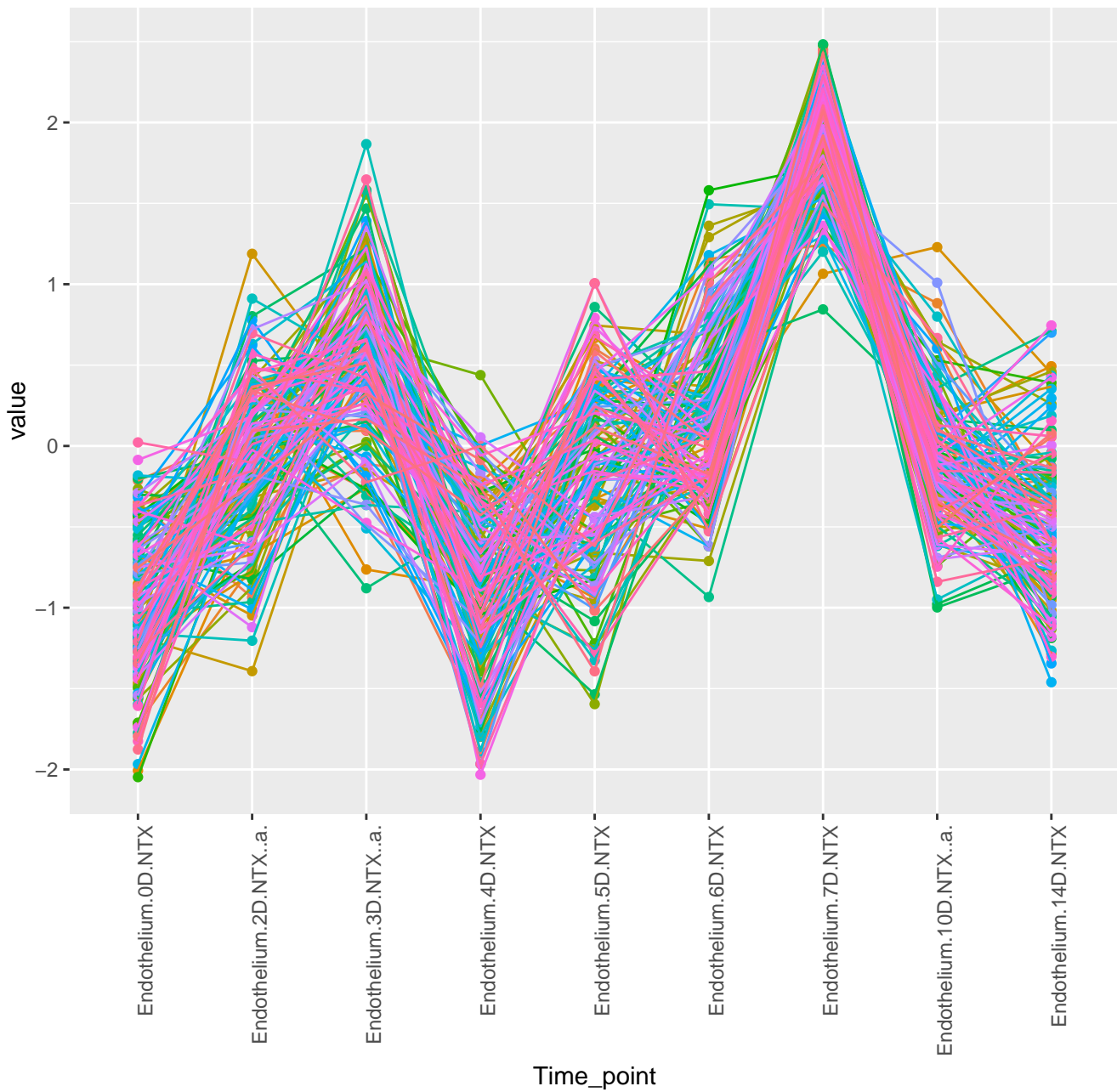
162 genes – cluster 26



97 genes – cluster 27

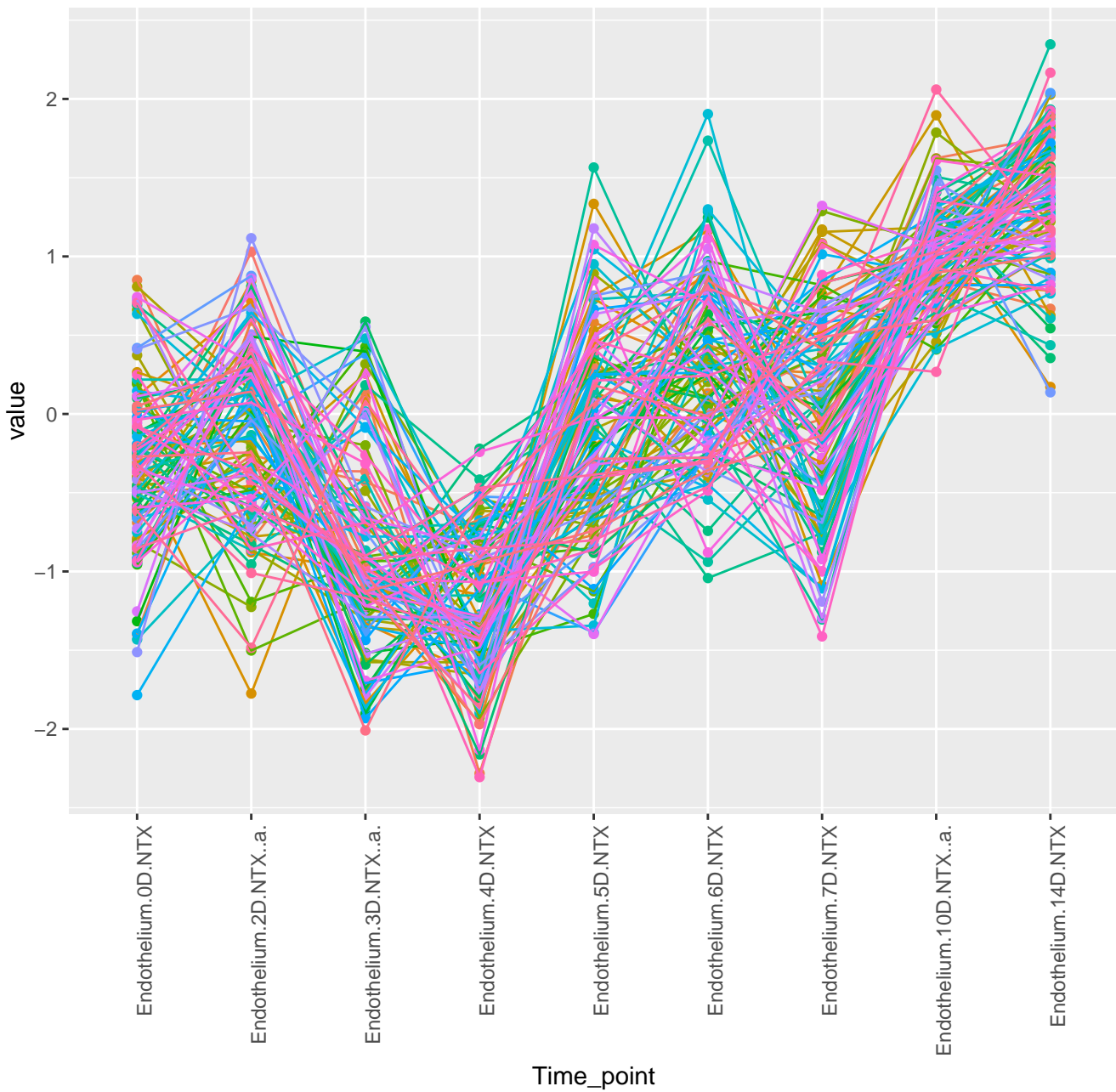


147 genes – cluster 28

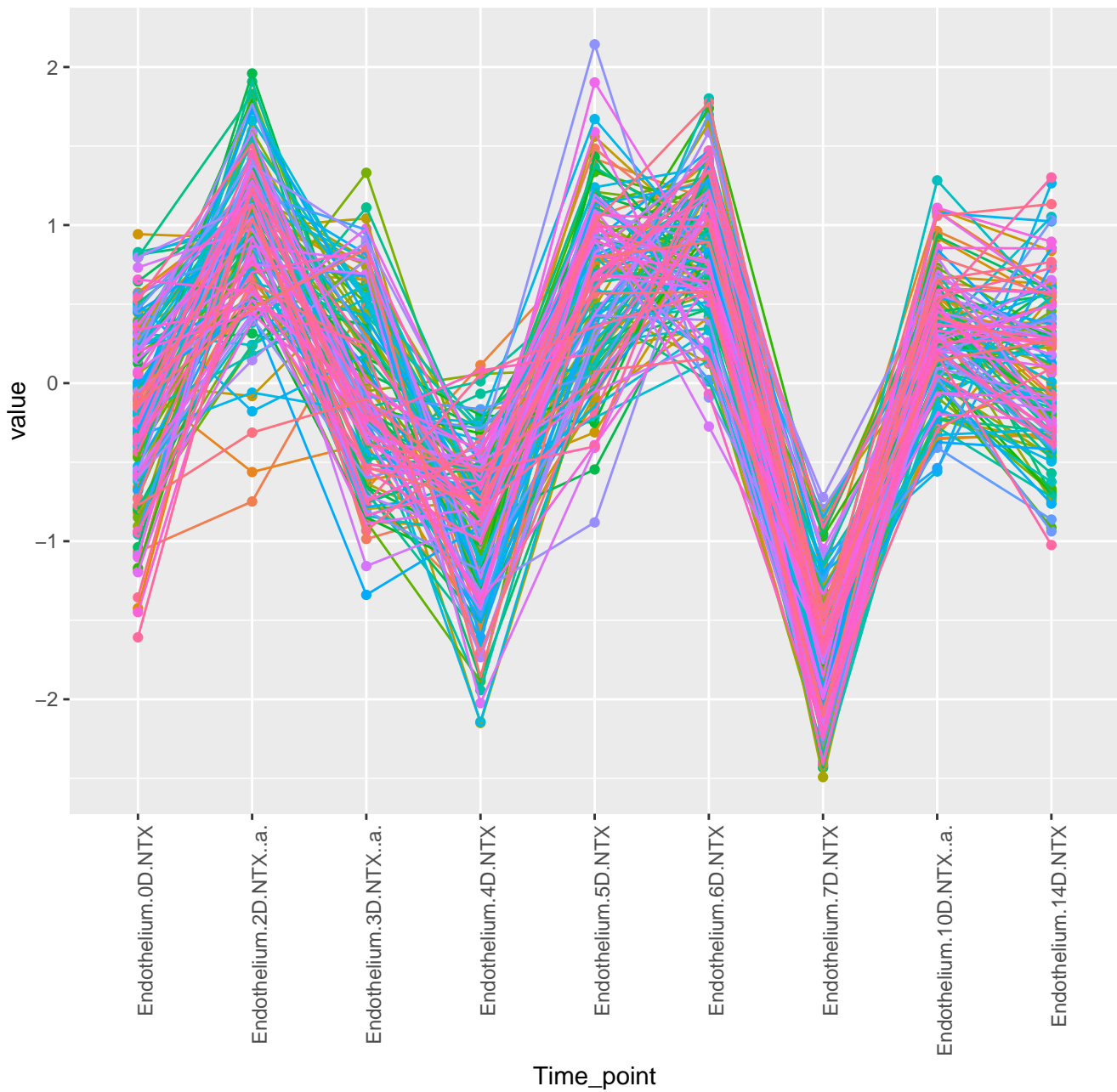




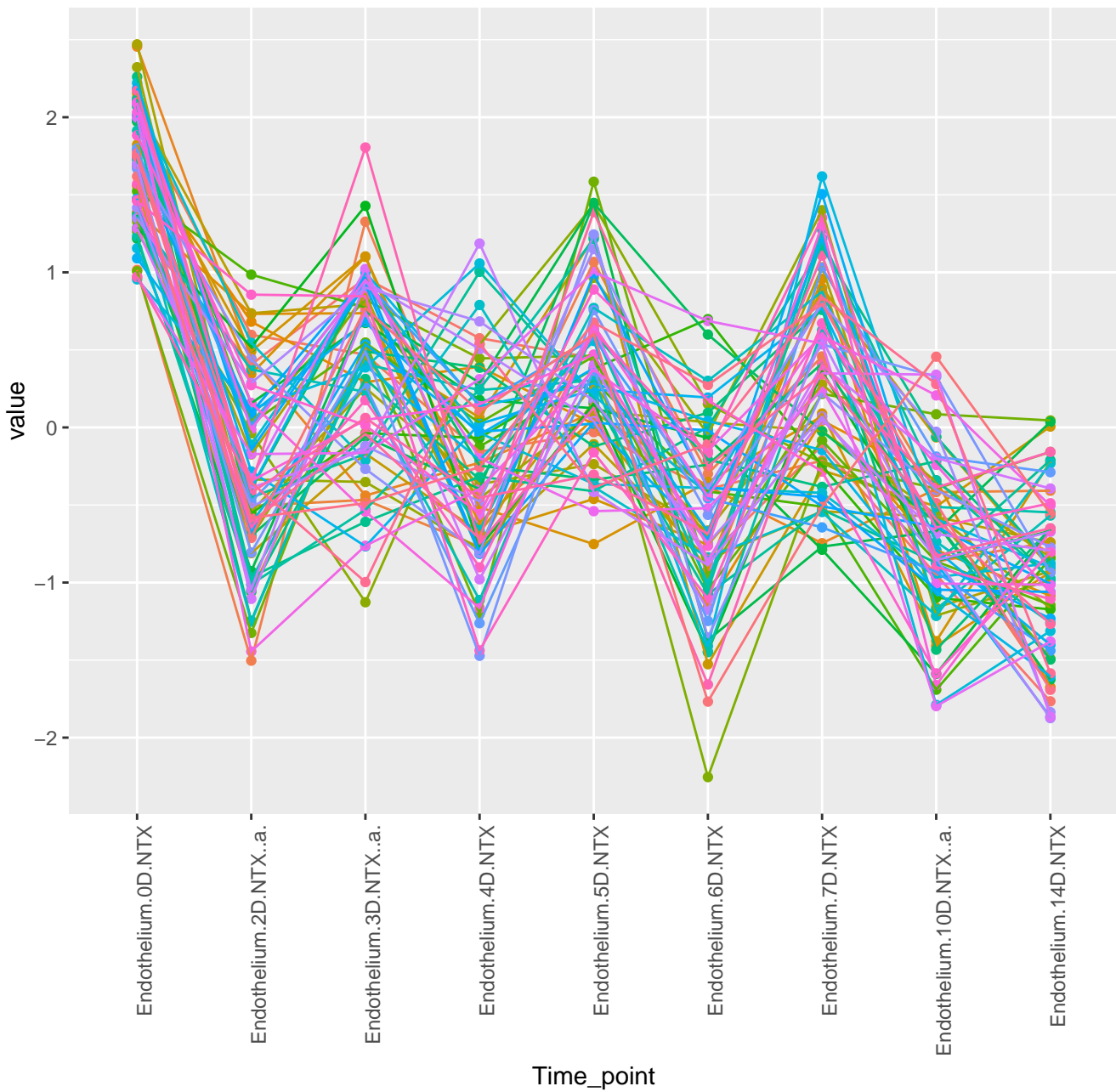
108 genes – cluster 29



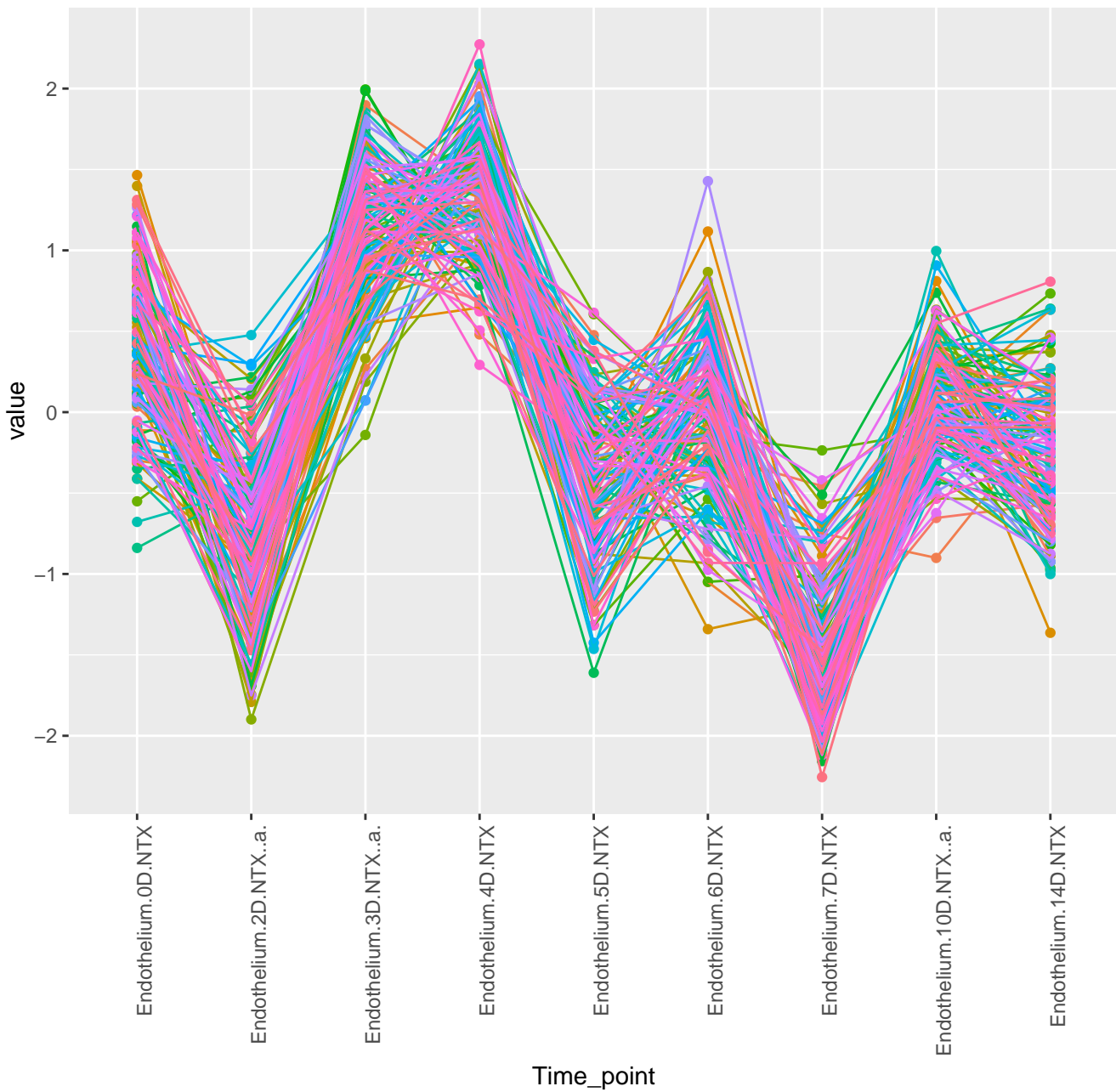
138 genes – cluster 30



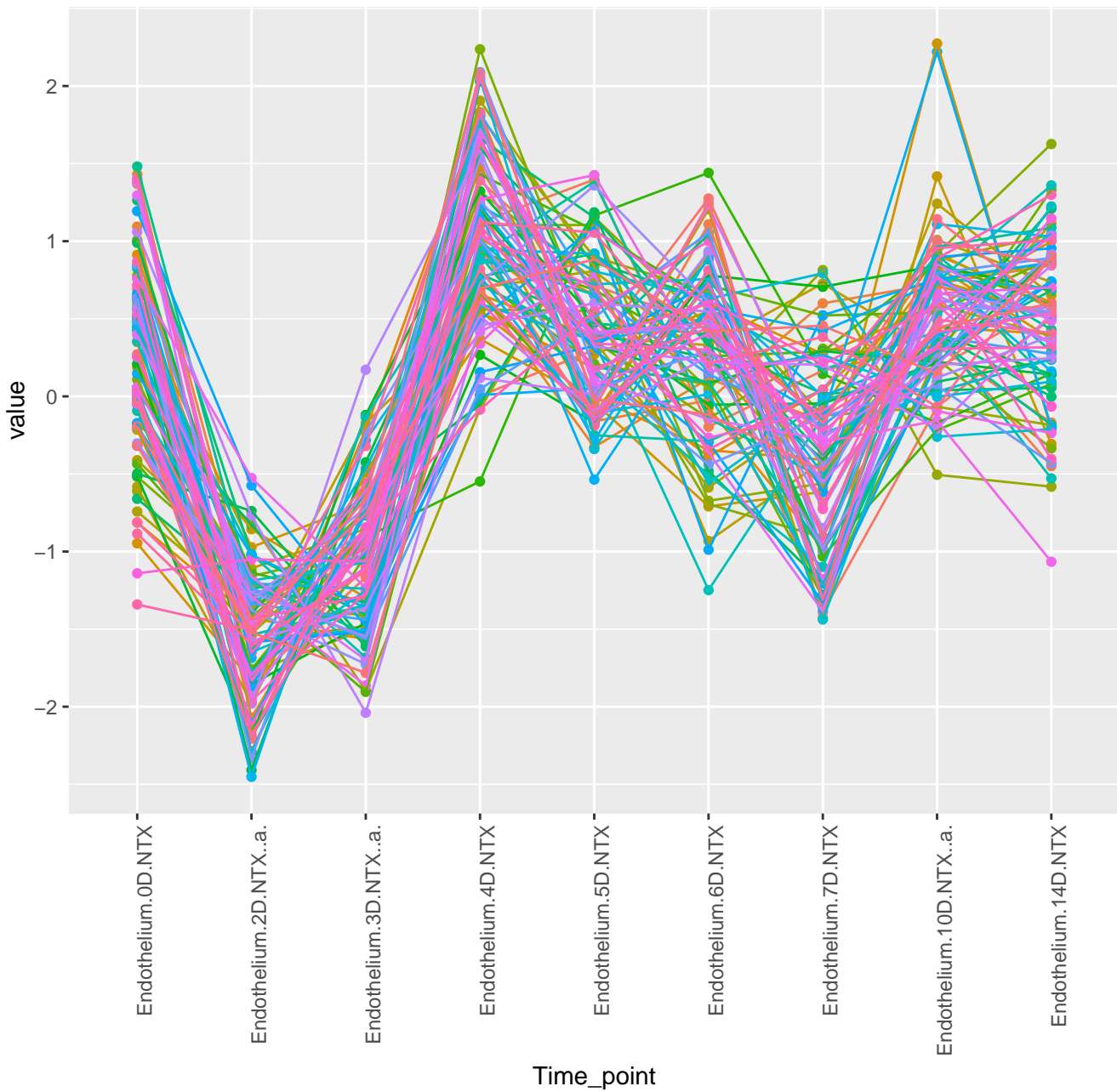
69 genes – cluster 31



139 genes – cluster 32

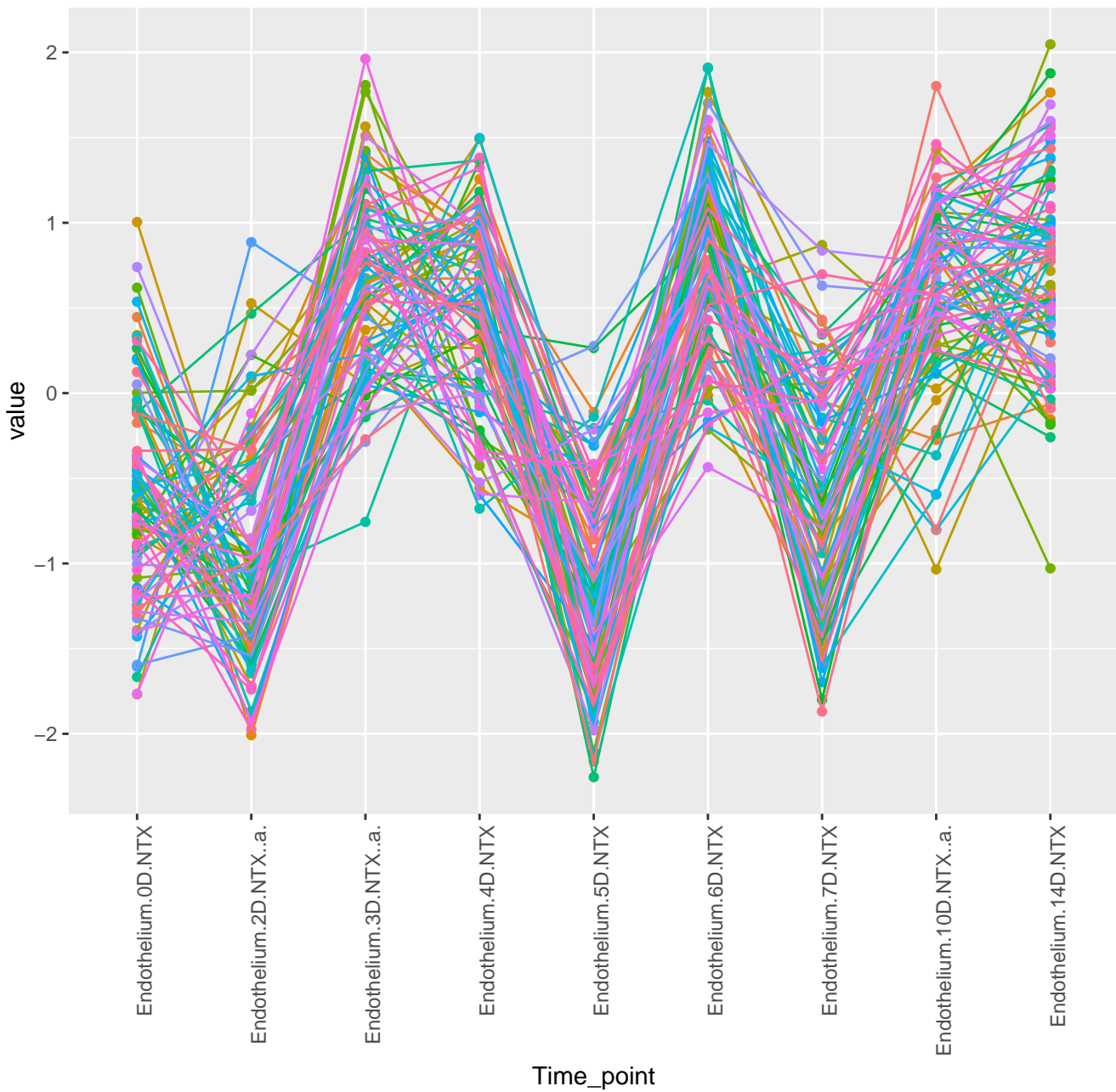


92 genes – cluster 33

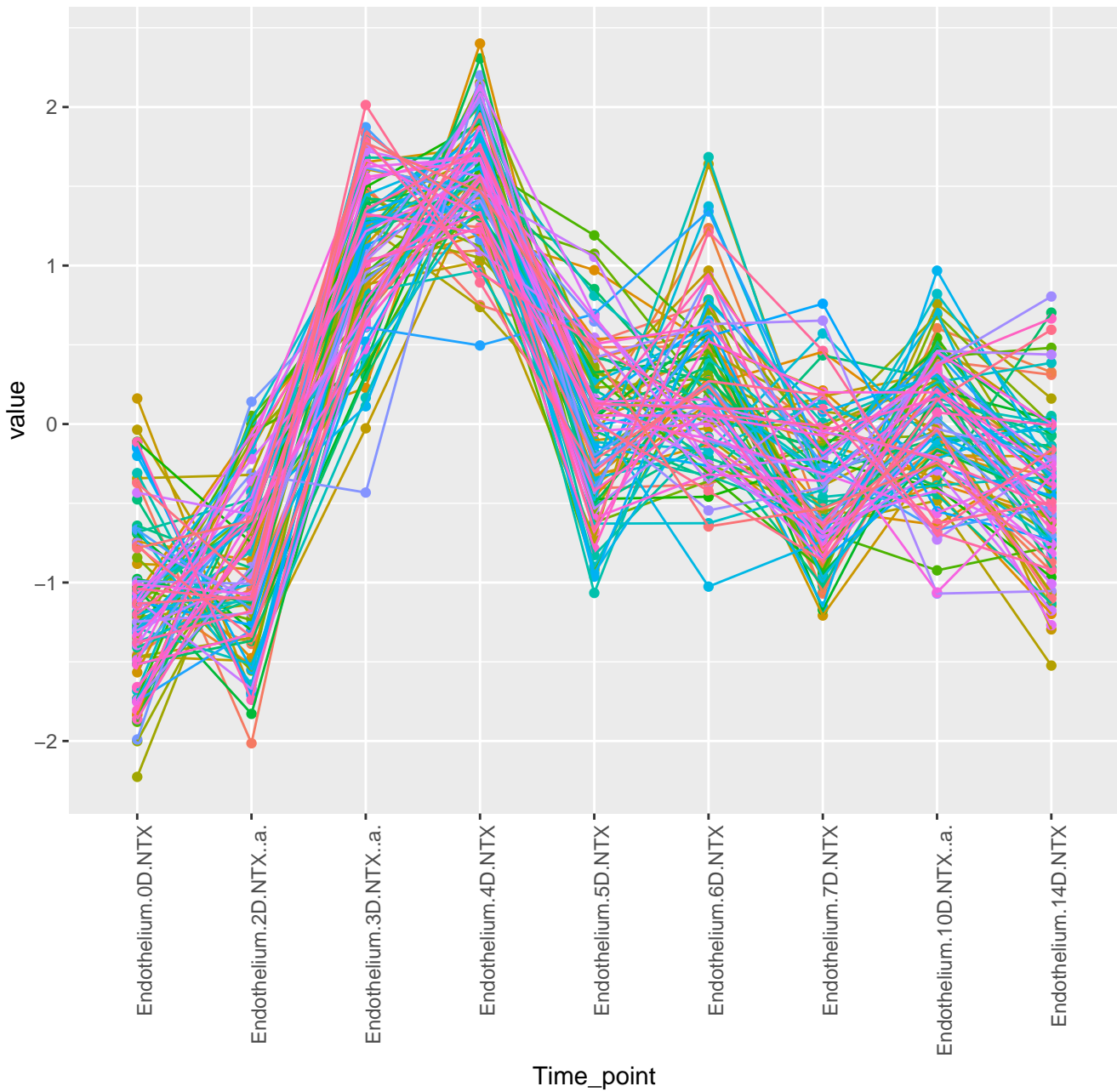




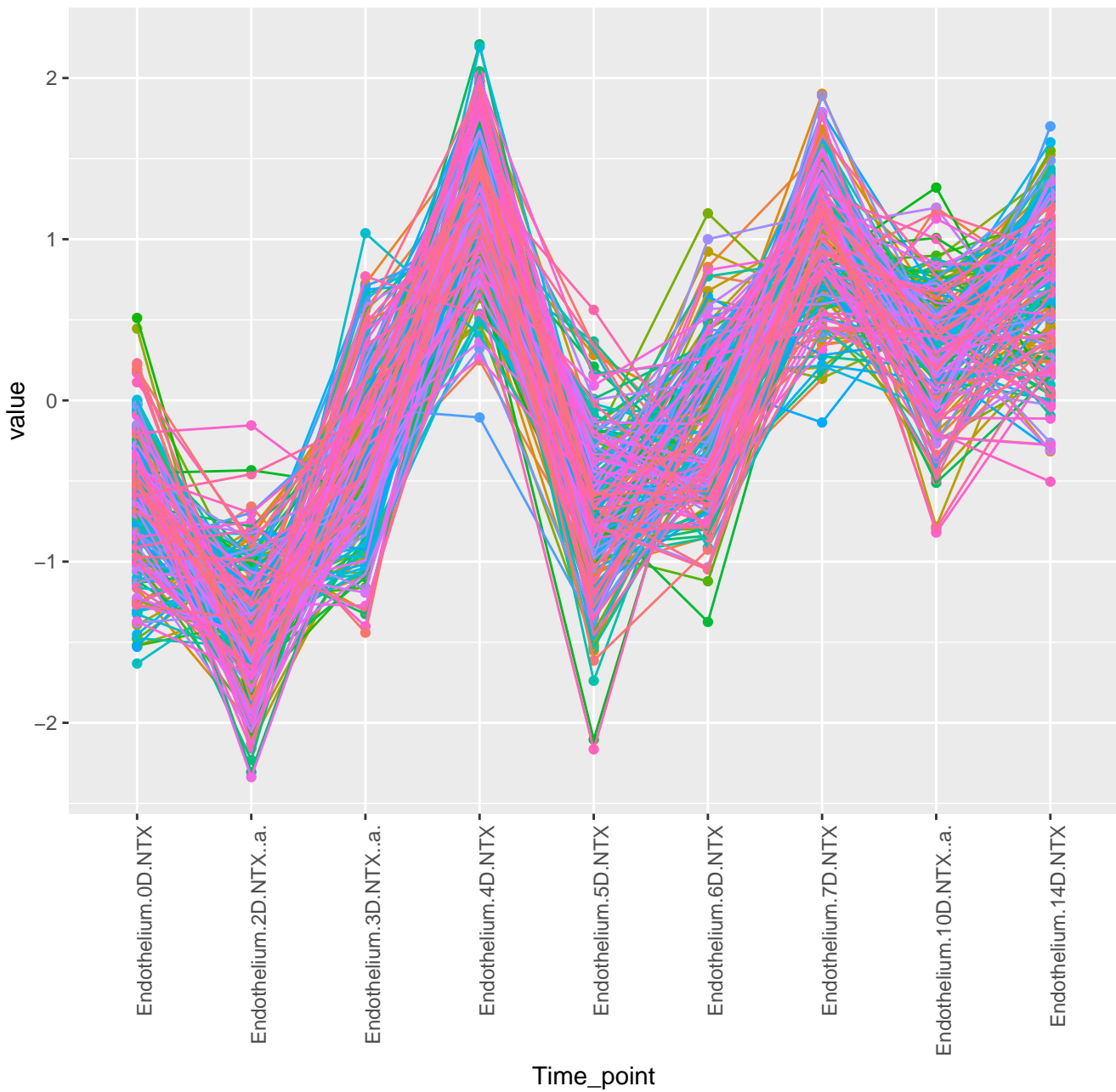
90 genes – cluster 34



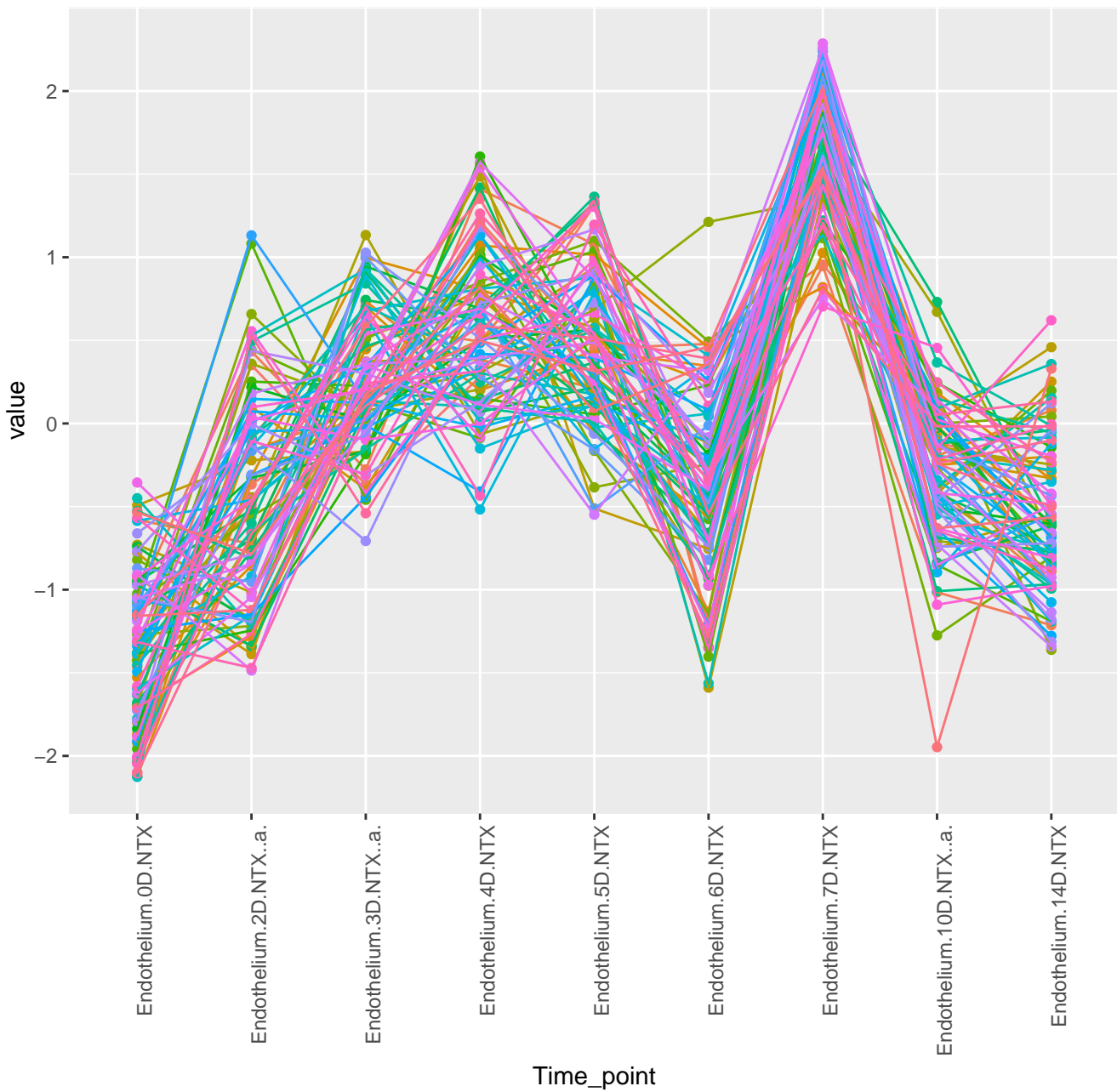
94 genes – cluster 35



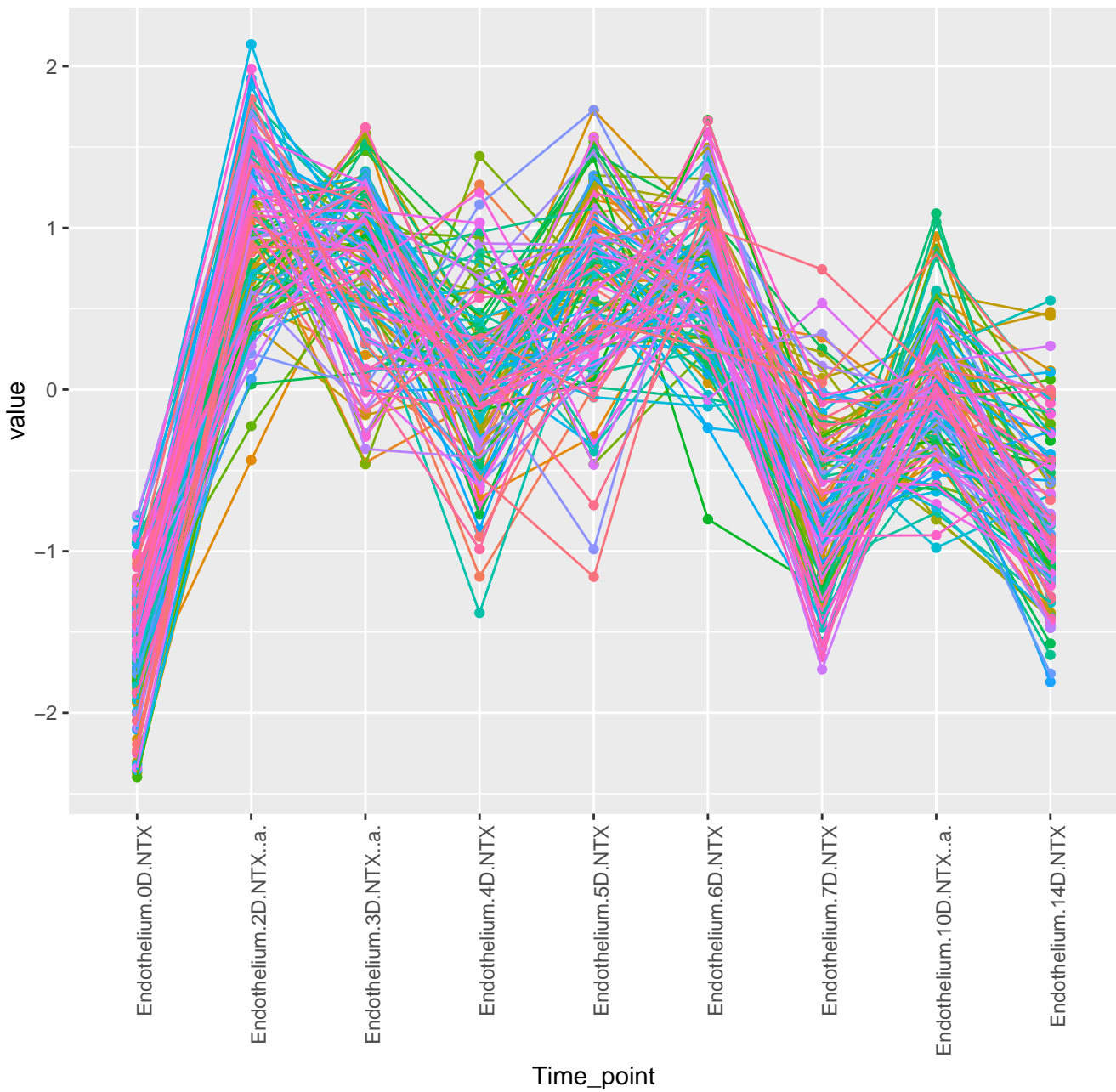
199 genes – cluster 36



85 genes – cluster 37

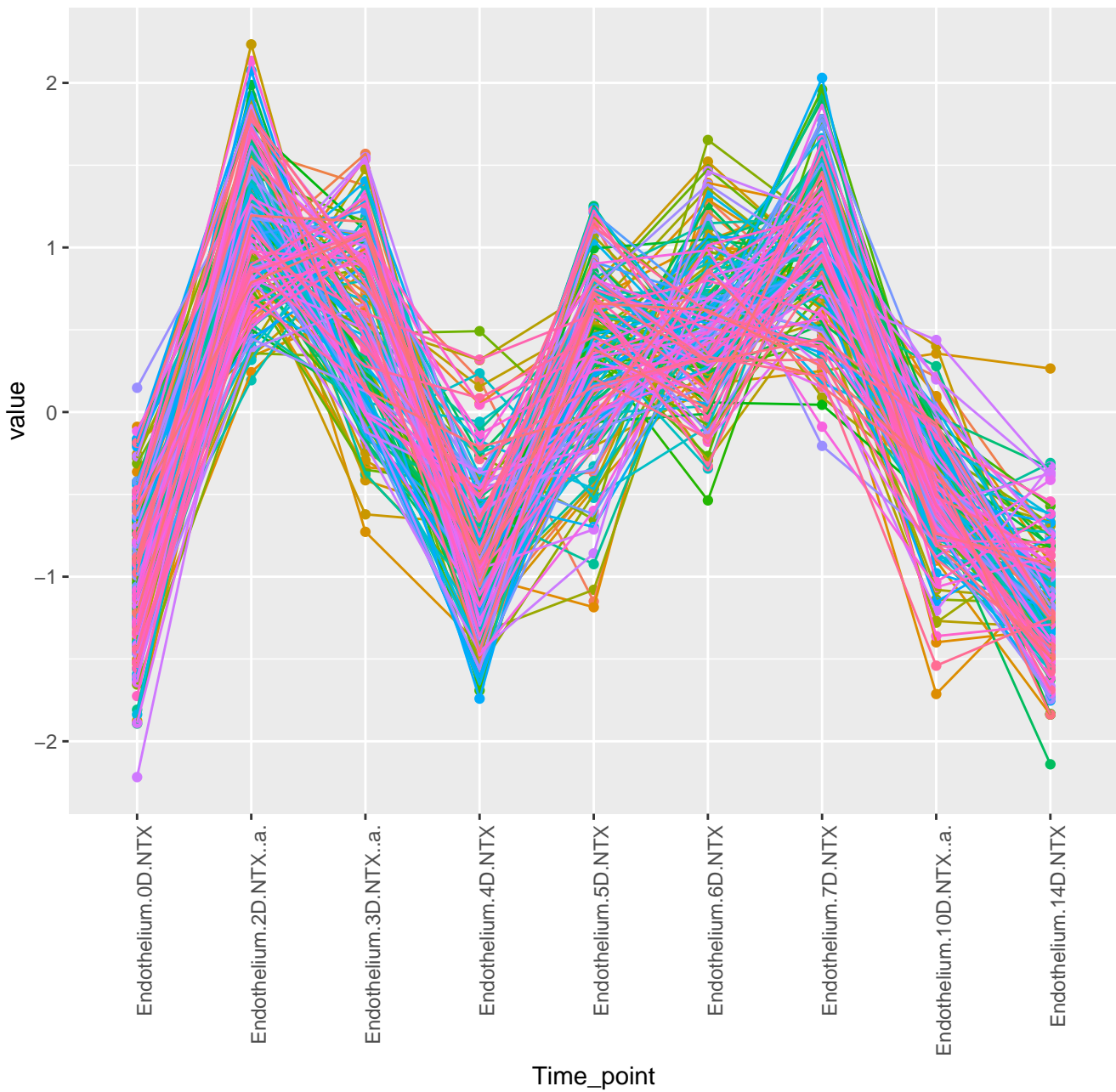


121 genes – cluster 38

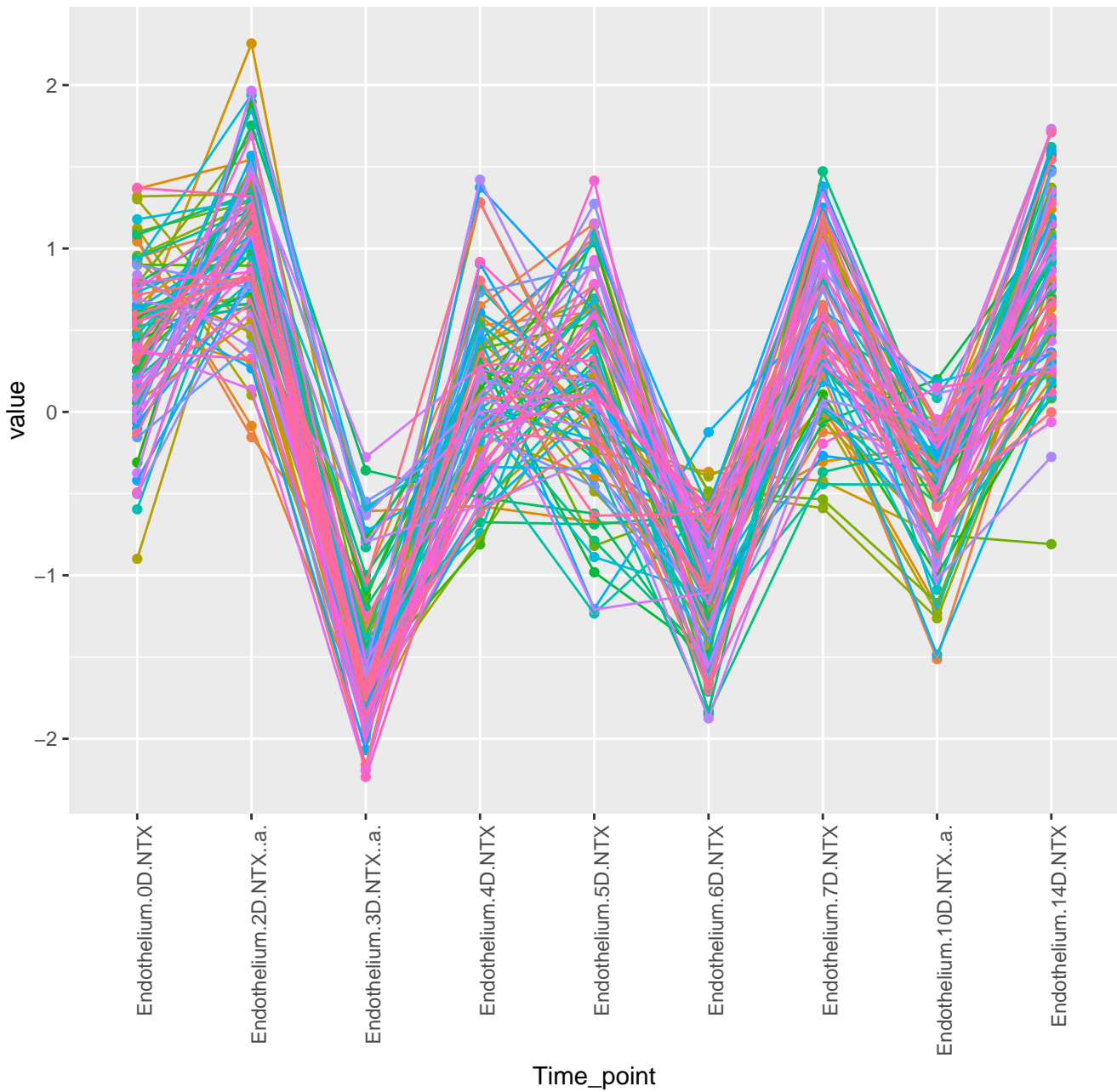




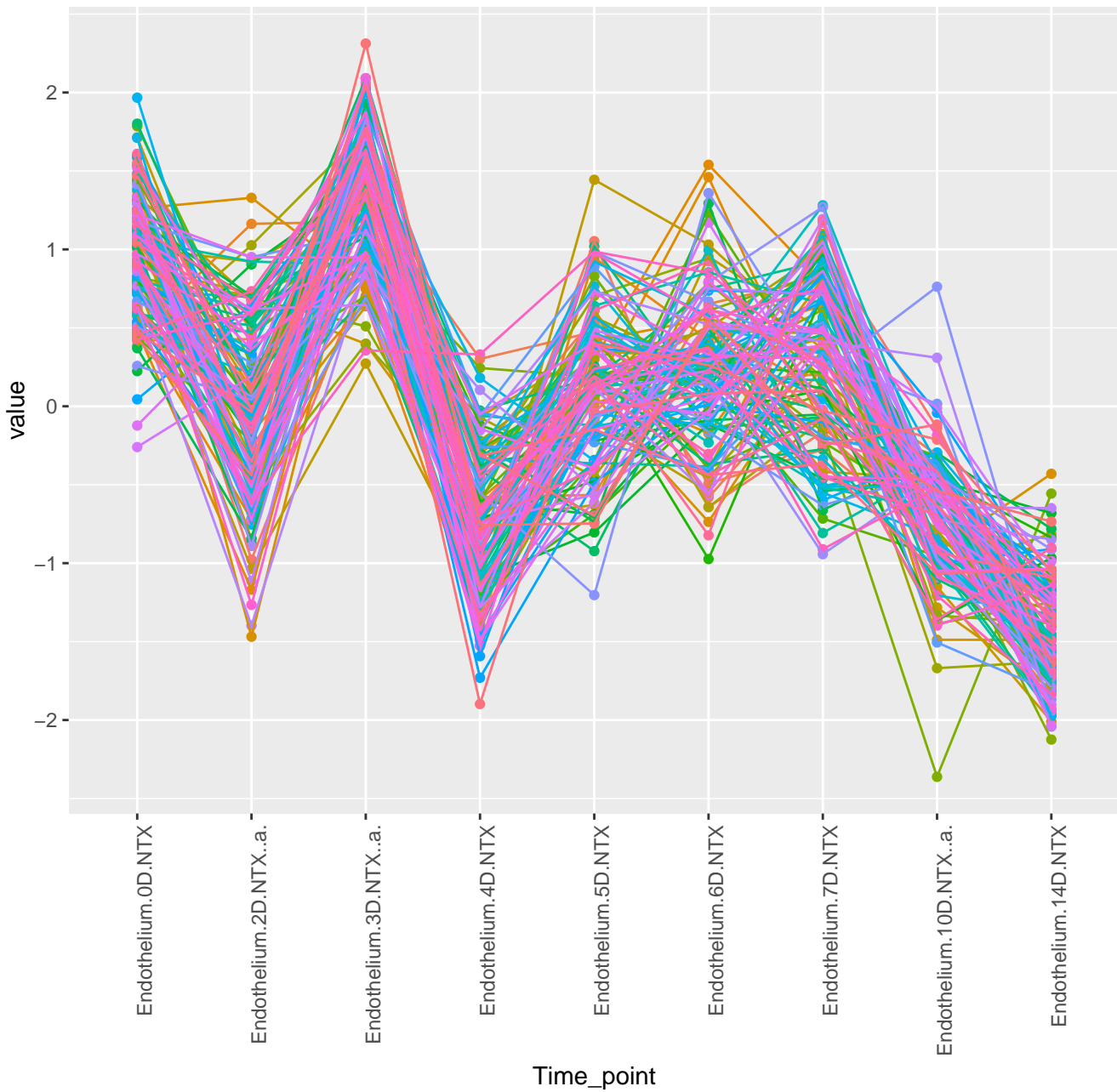
159 genes – cluster 39



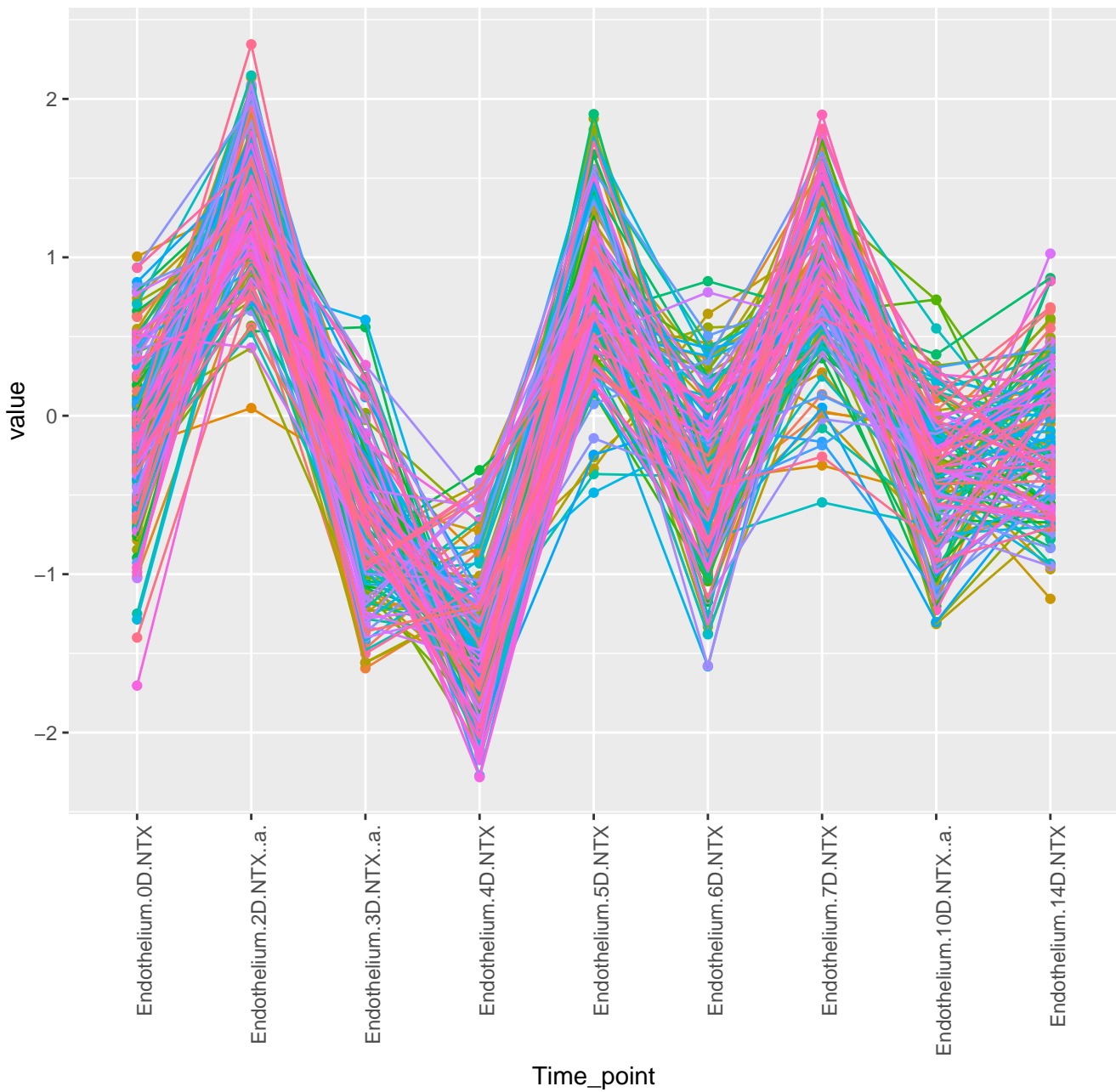
87 genes – cluster 40



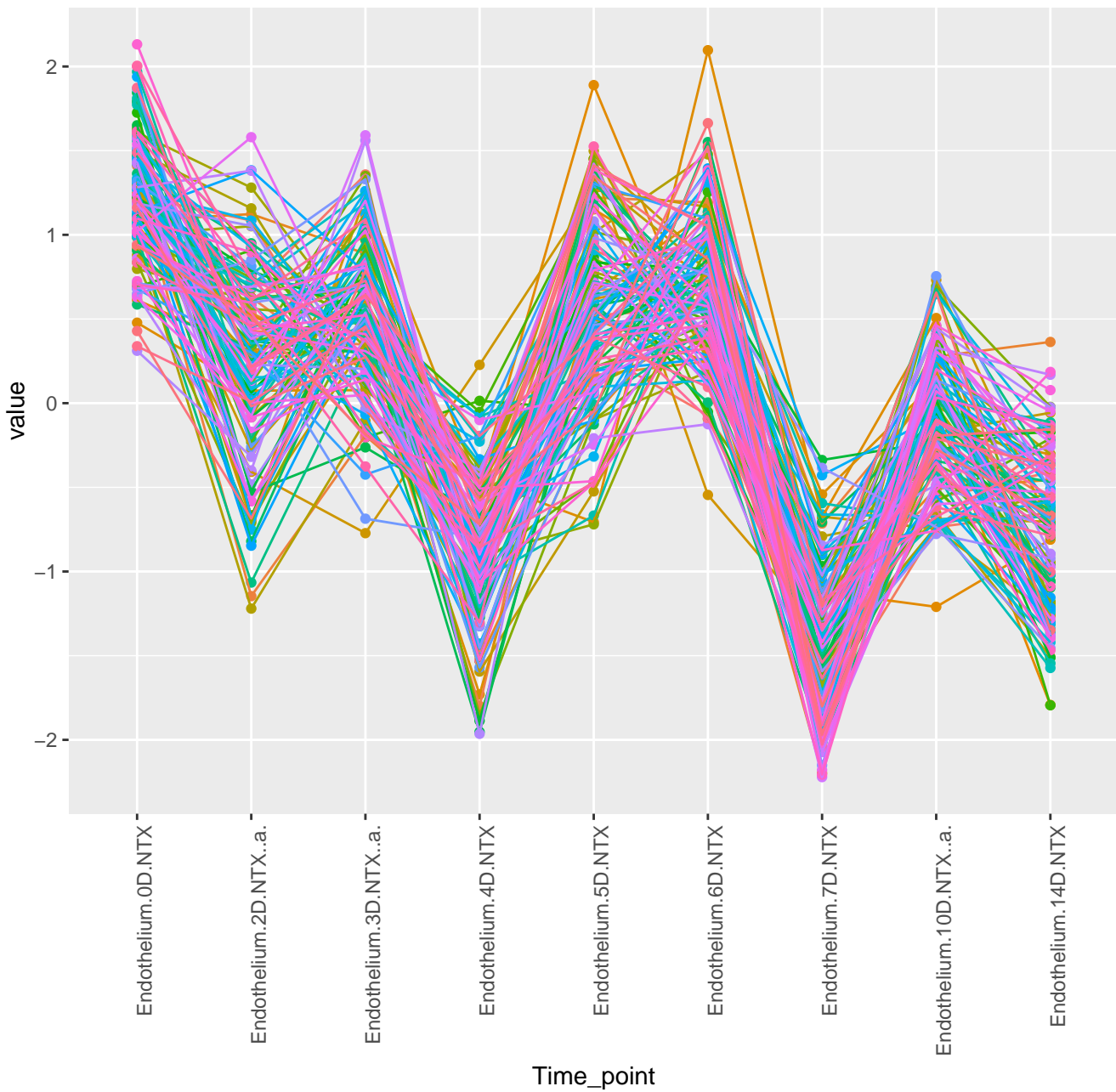
126 genes – cluster 41



150 genes – cluster 42

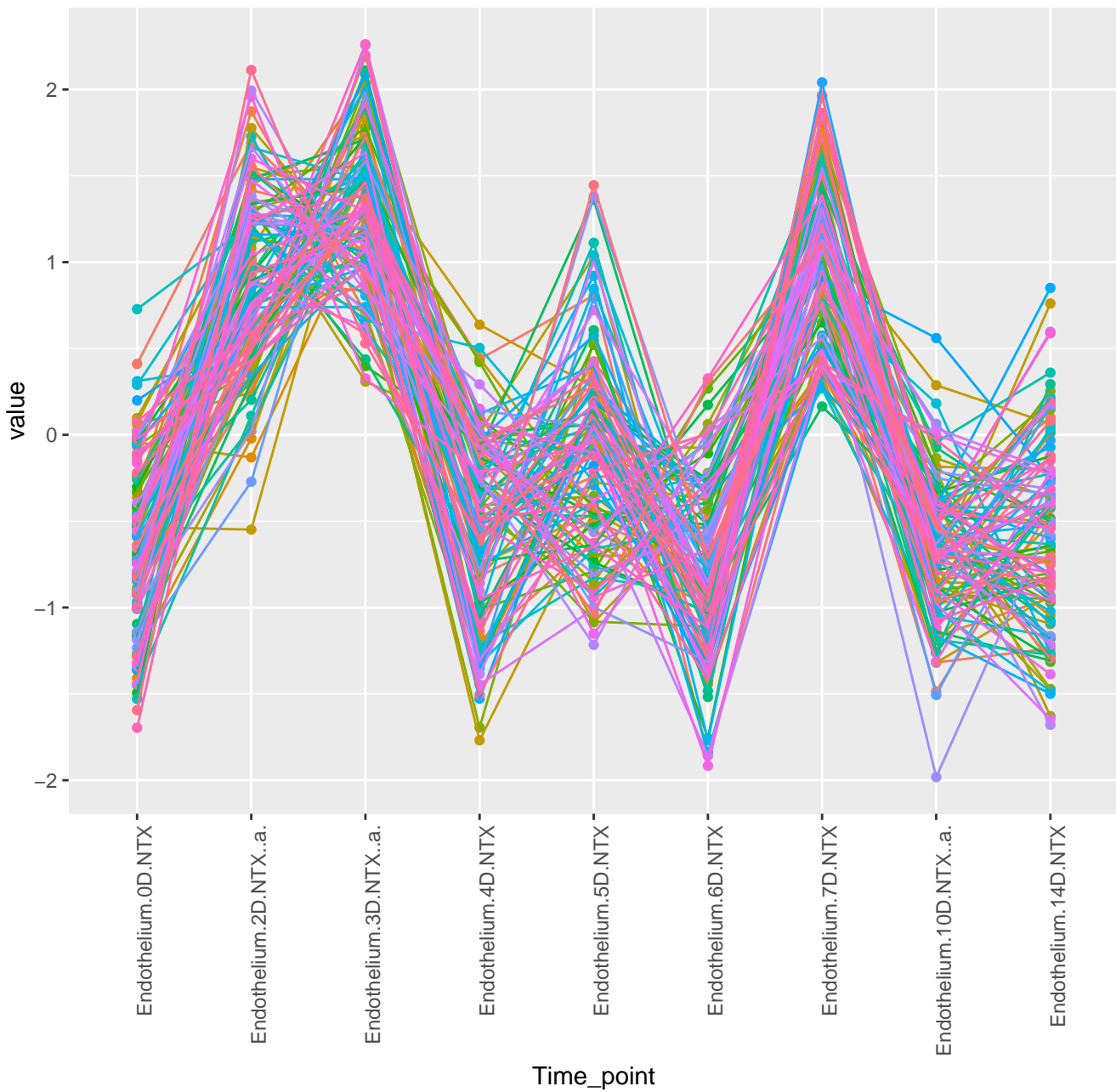


120 genes – cluster 43

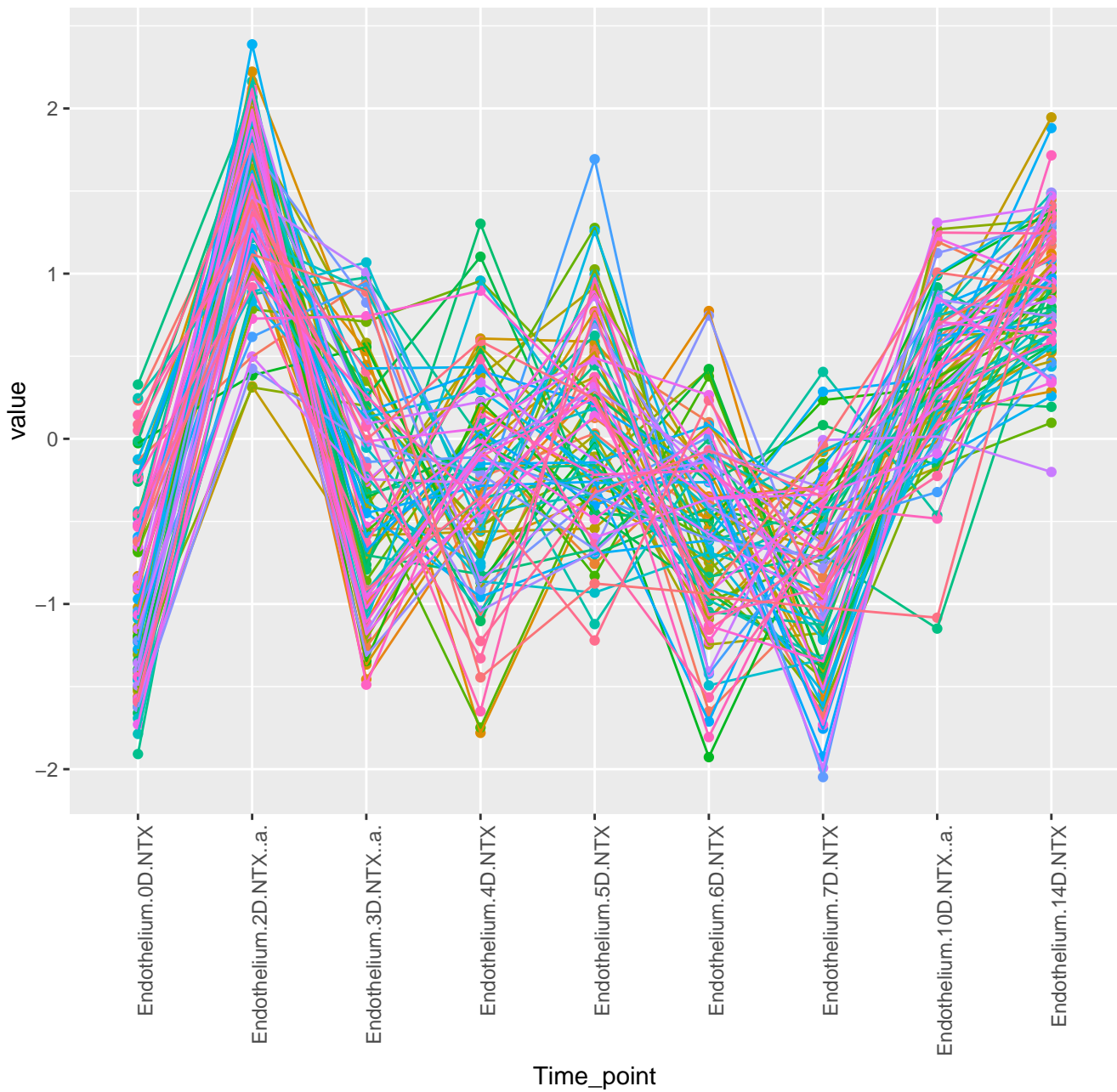




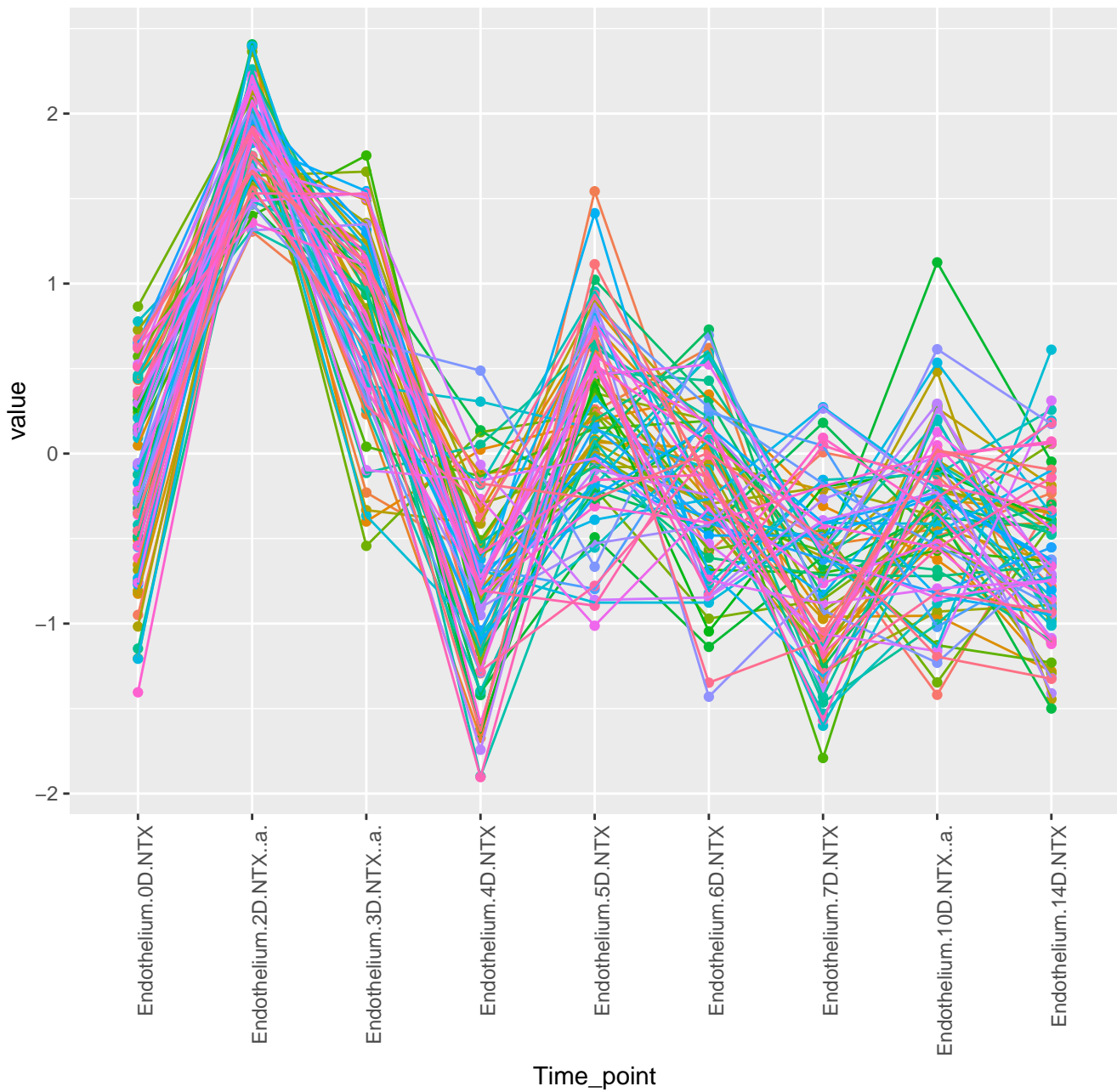
113 genes – cluster 44



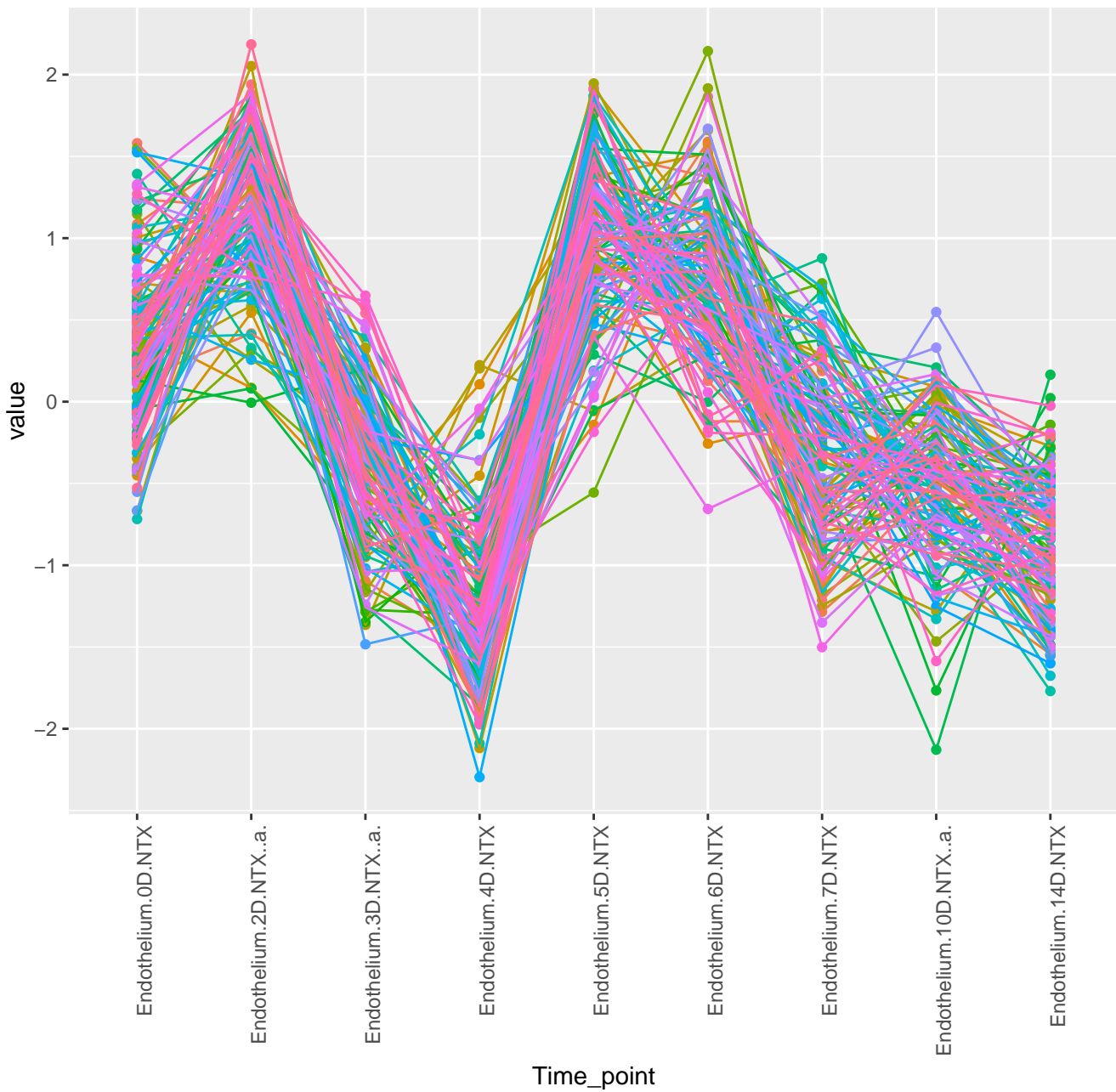
81 genes – cluster 45



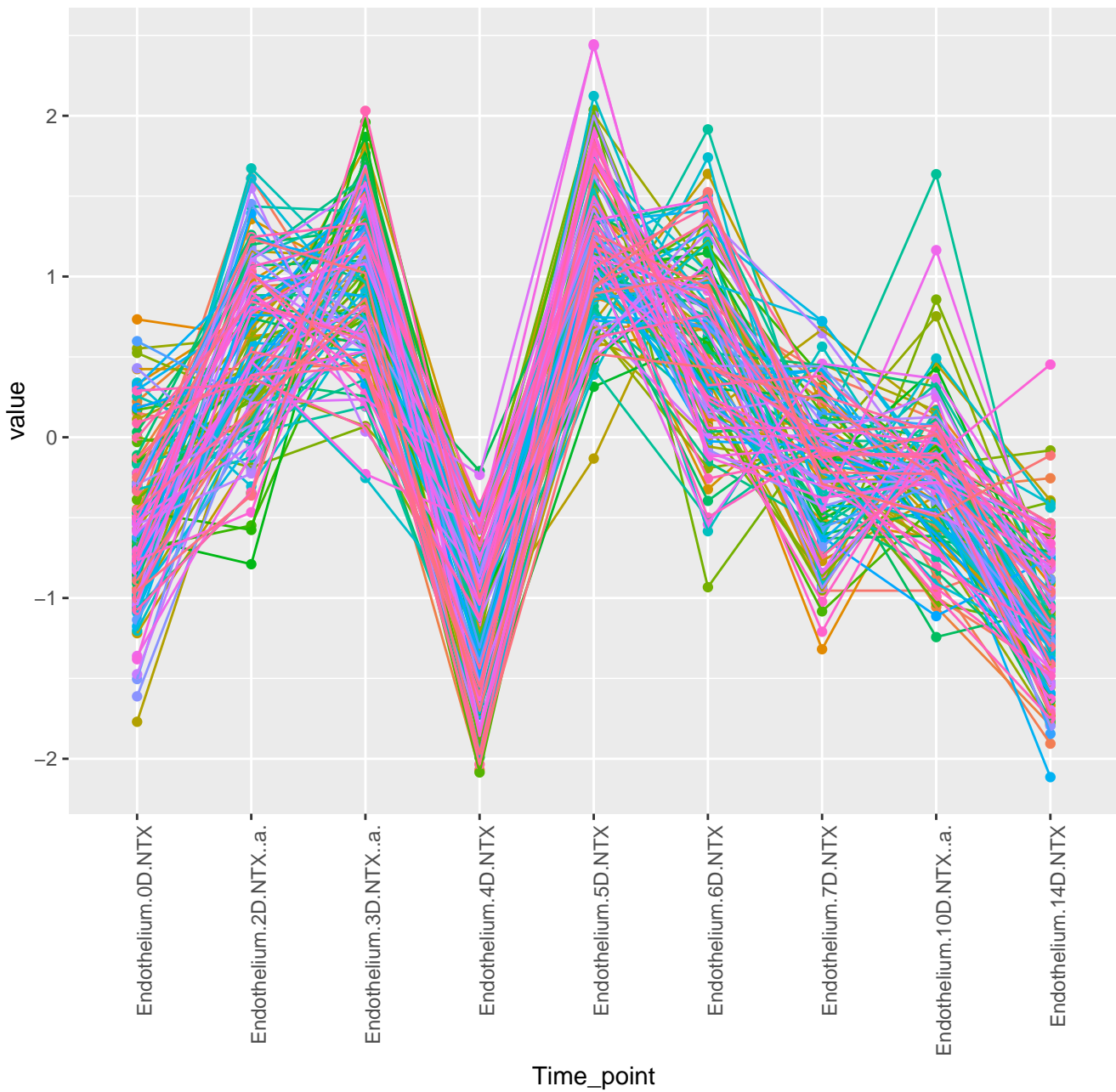
76 genes – cluster 46



128 genes – cluster 47

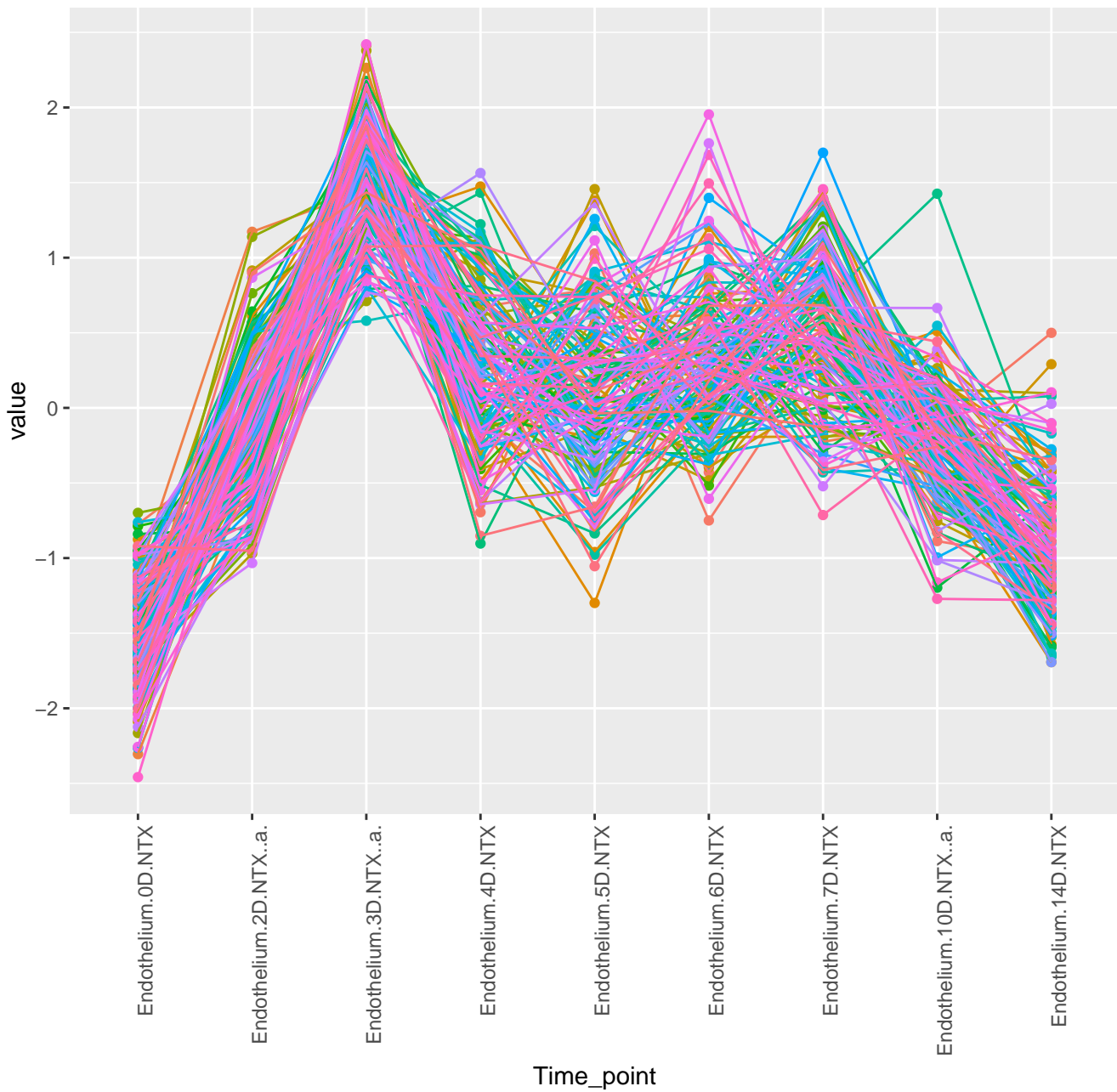


120 genes – cluster 48

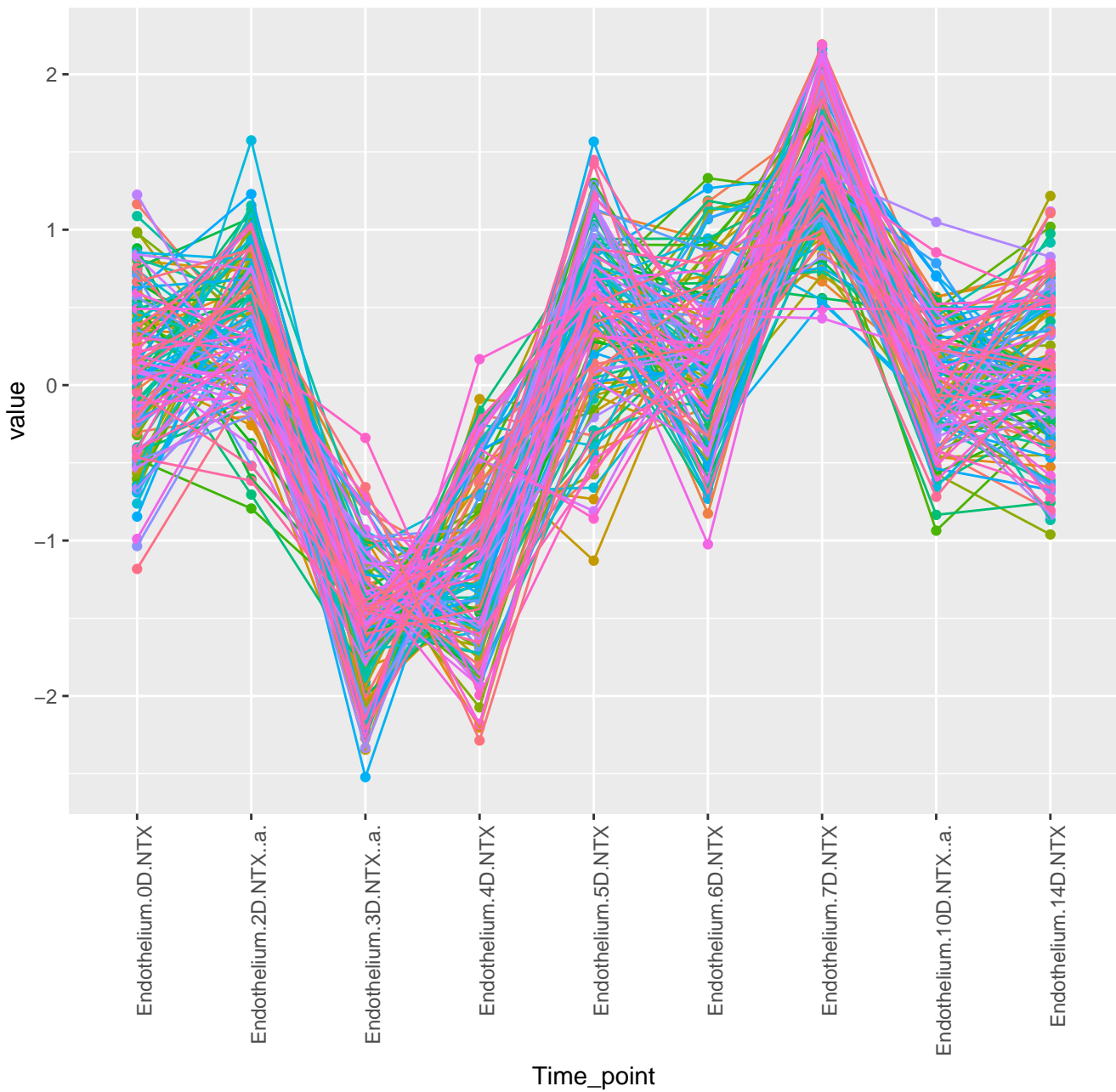




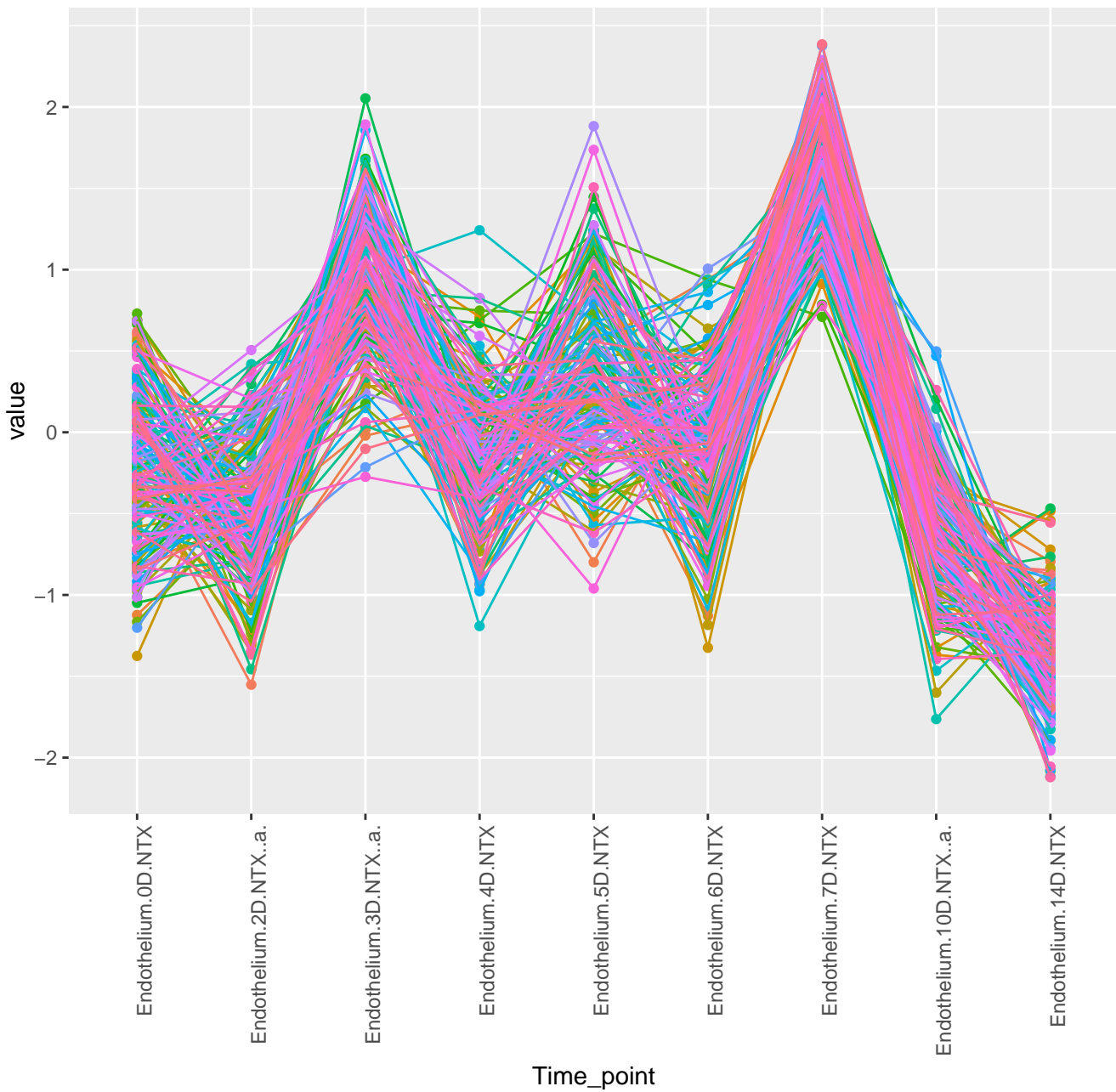
145 genes – cluster 49



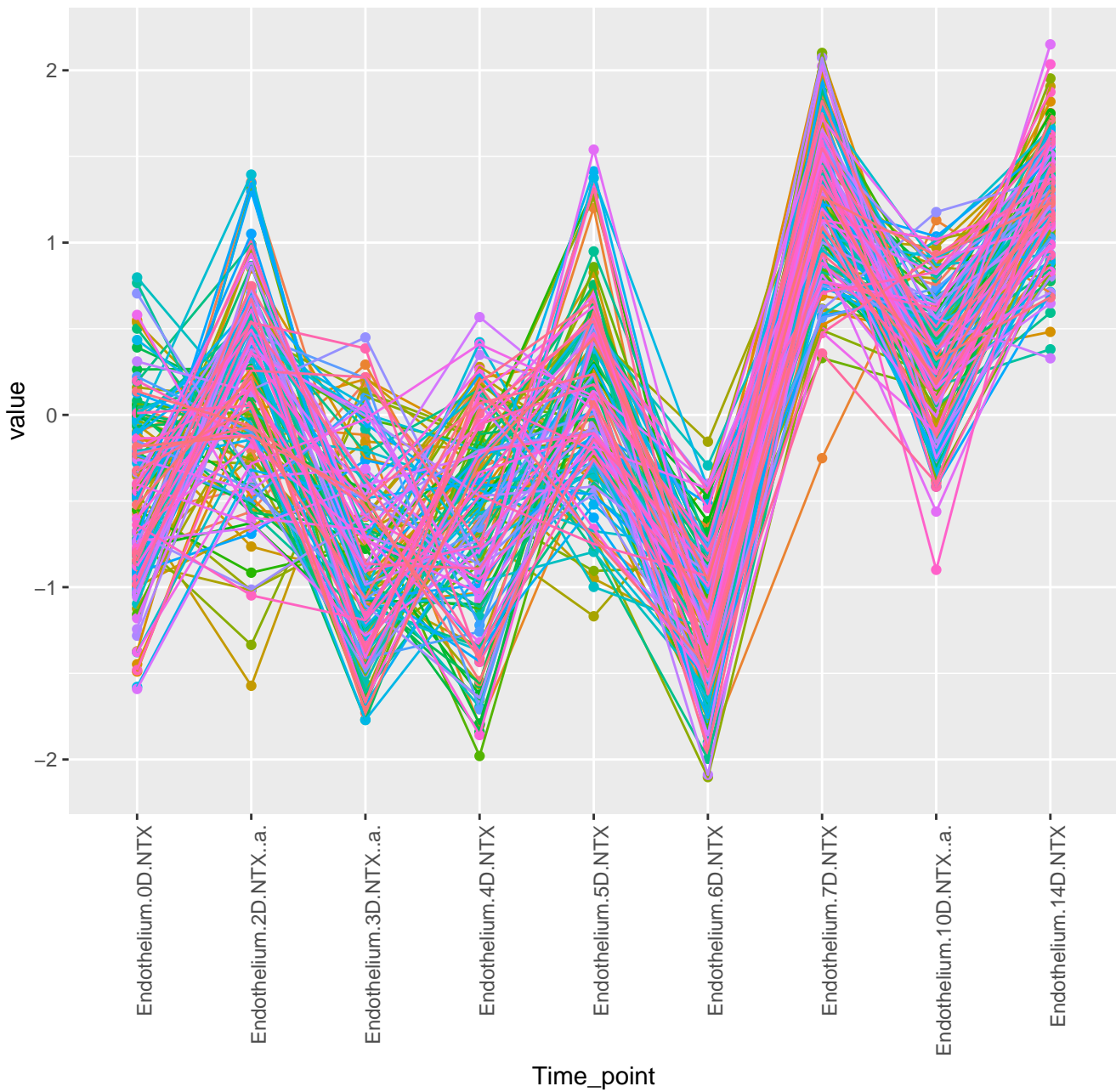
134 genes – cluster 50



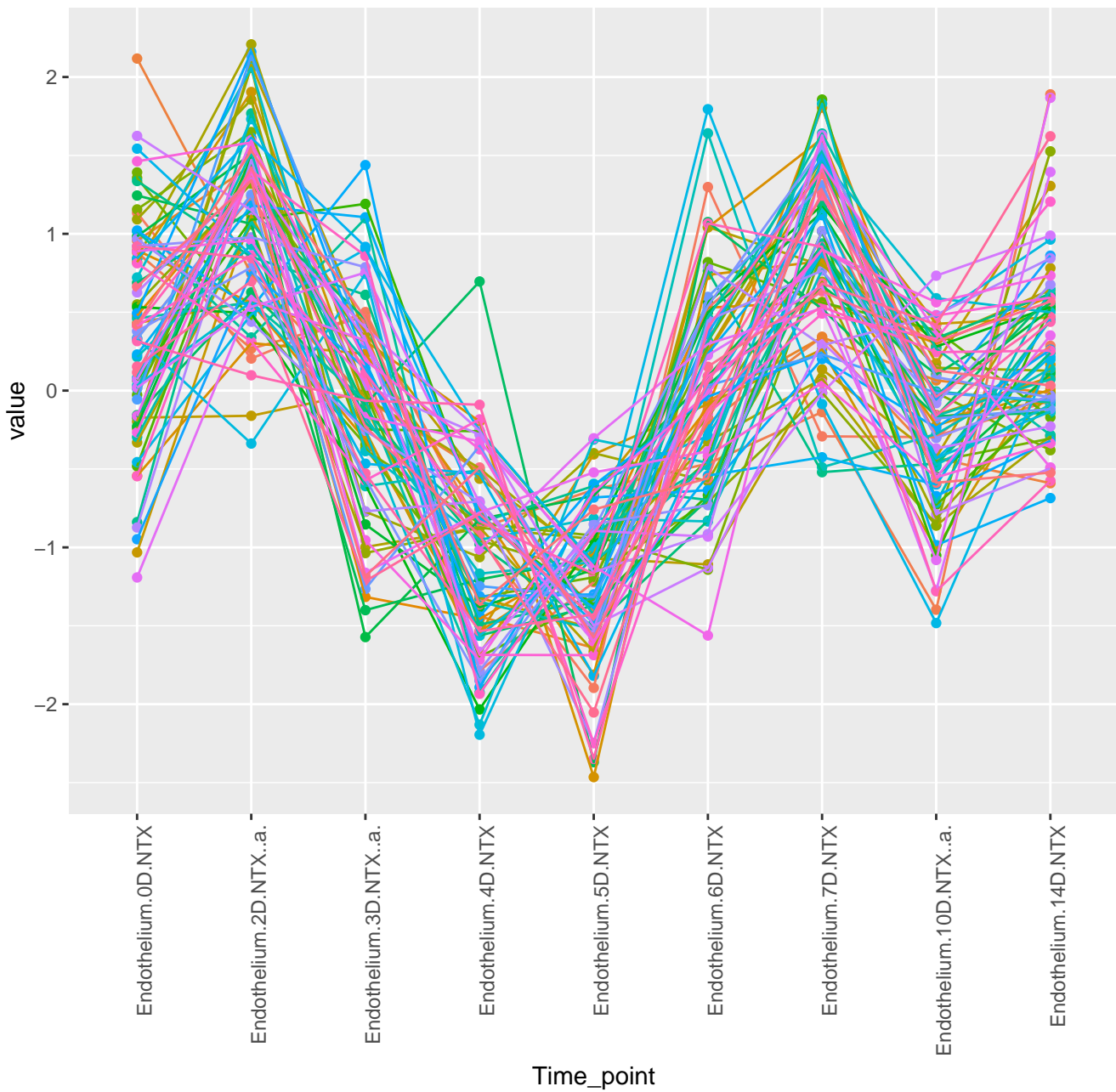
174 genes – cluster 51



141 genes – cluster 52

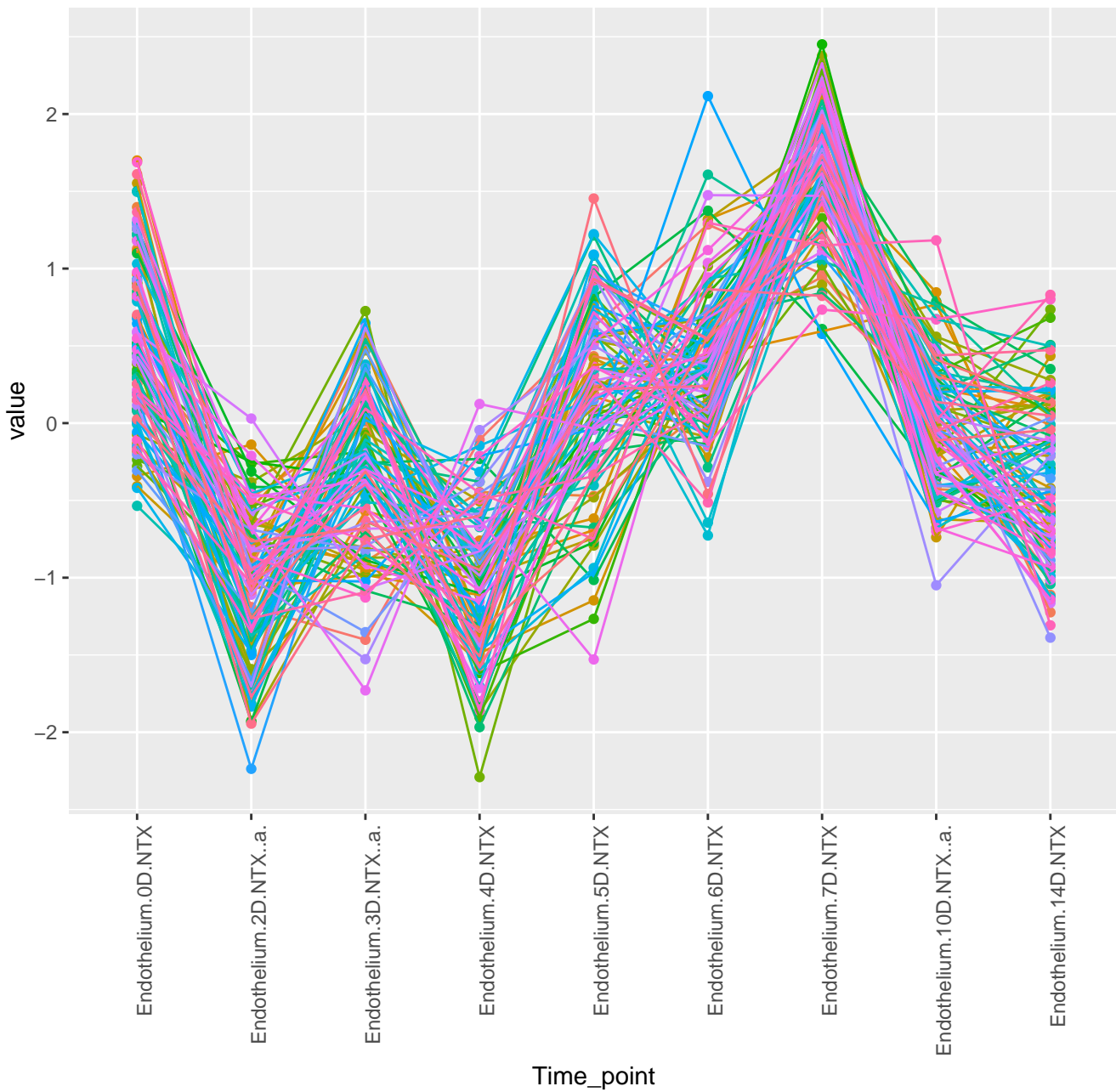


74 genes – cluster 53

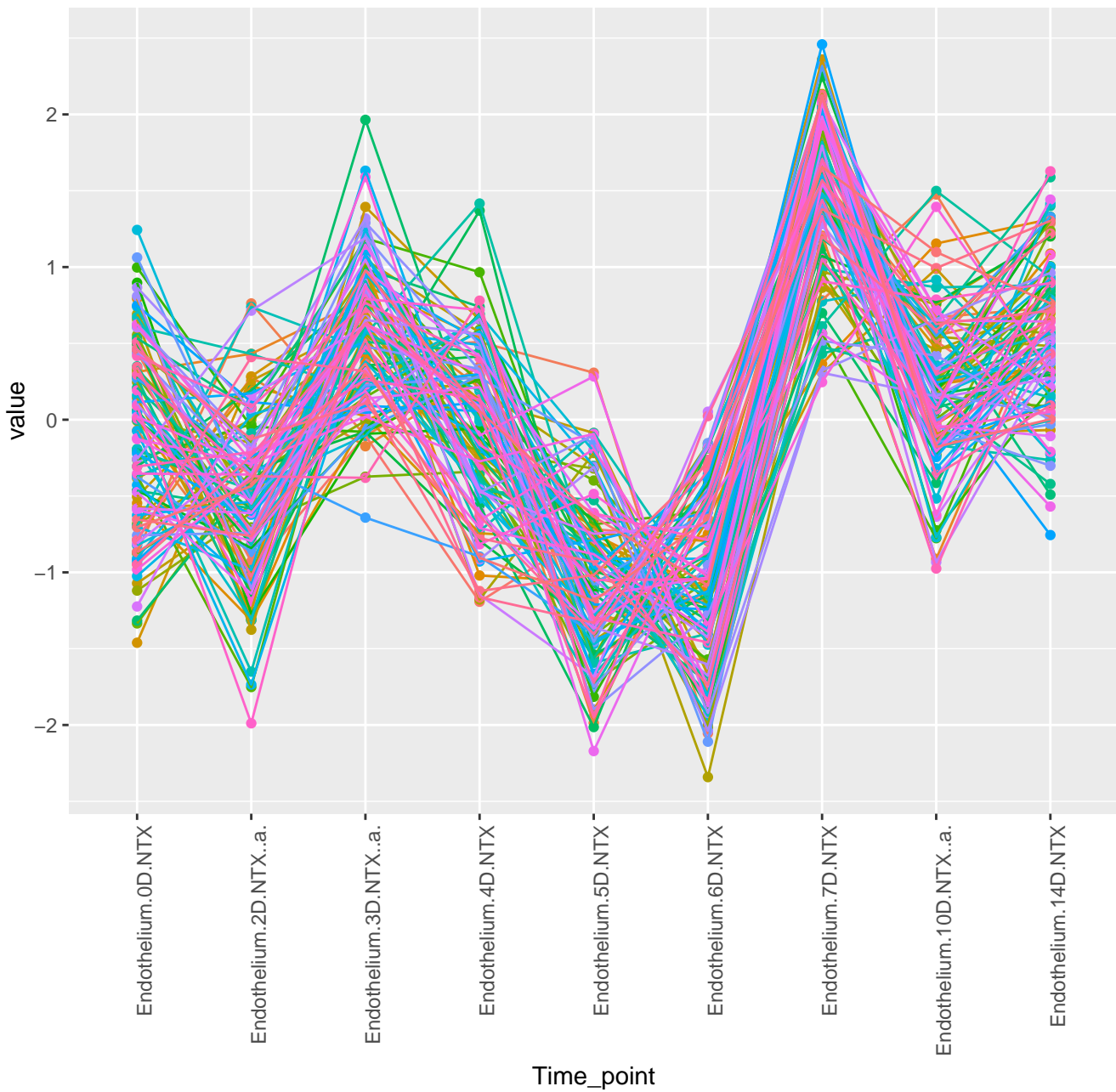




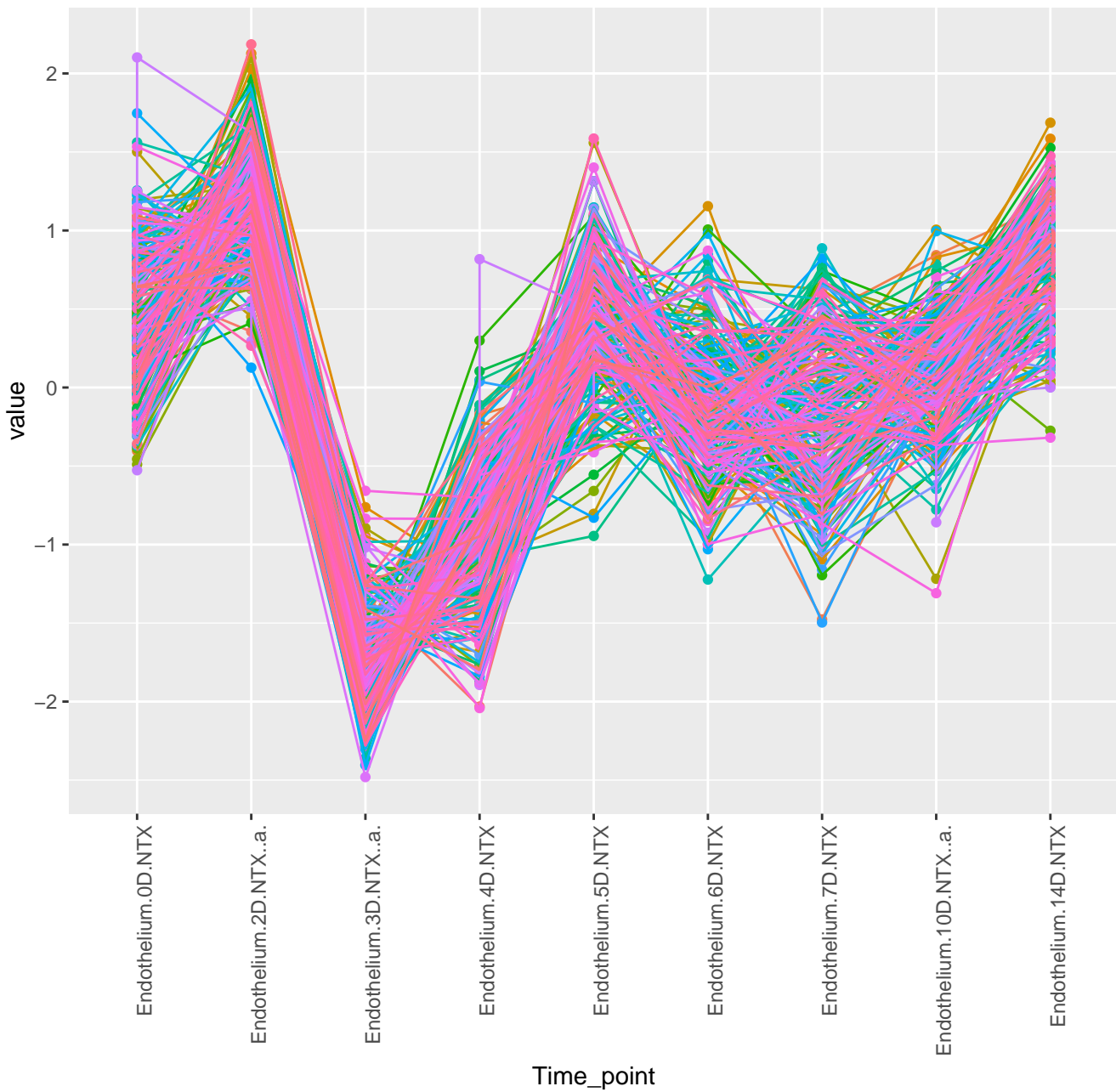
96 genes – cluster 54



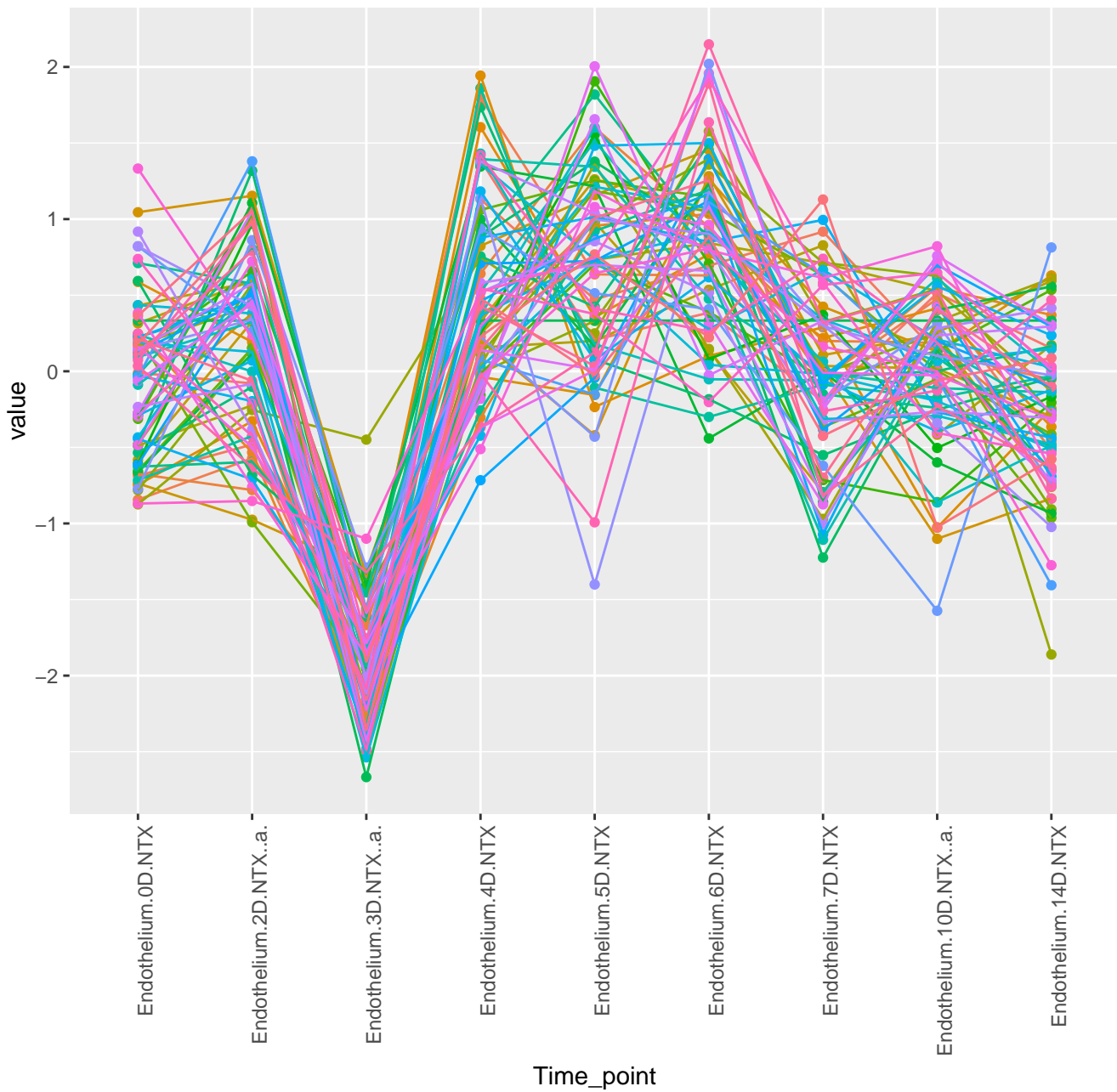
106 genes – cluster 55



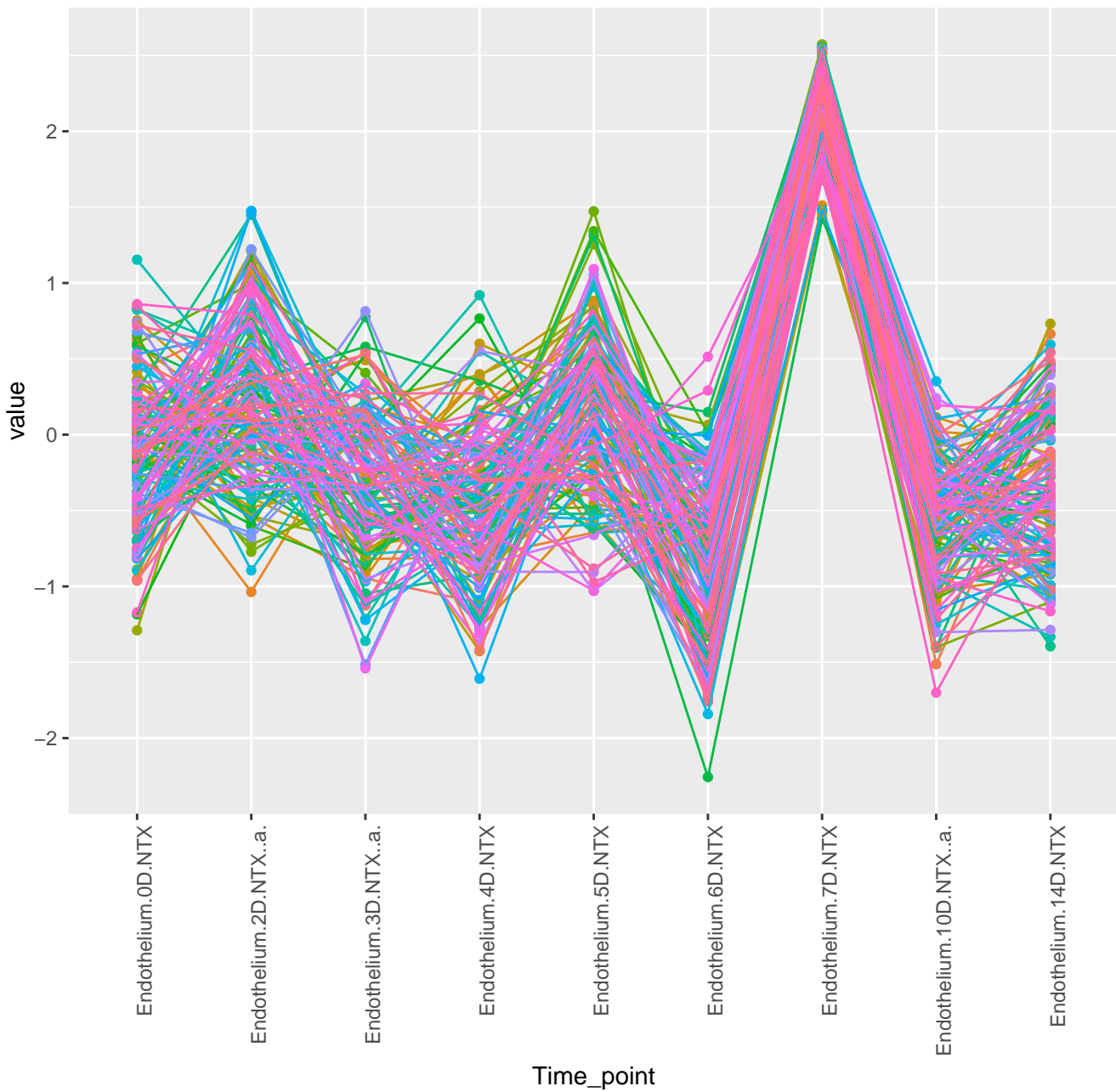
233 genes – cluster 56



70 genes – cluster 57

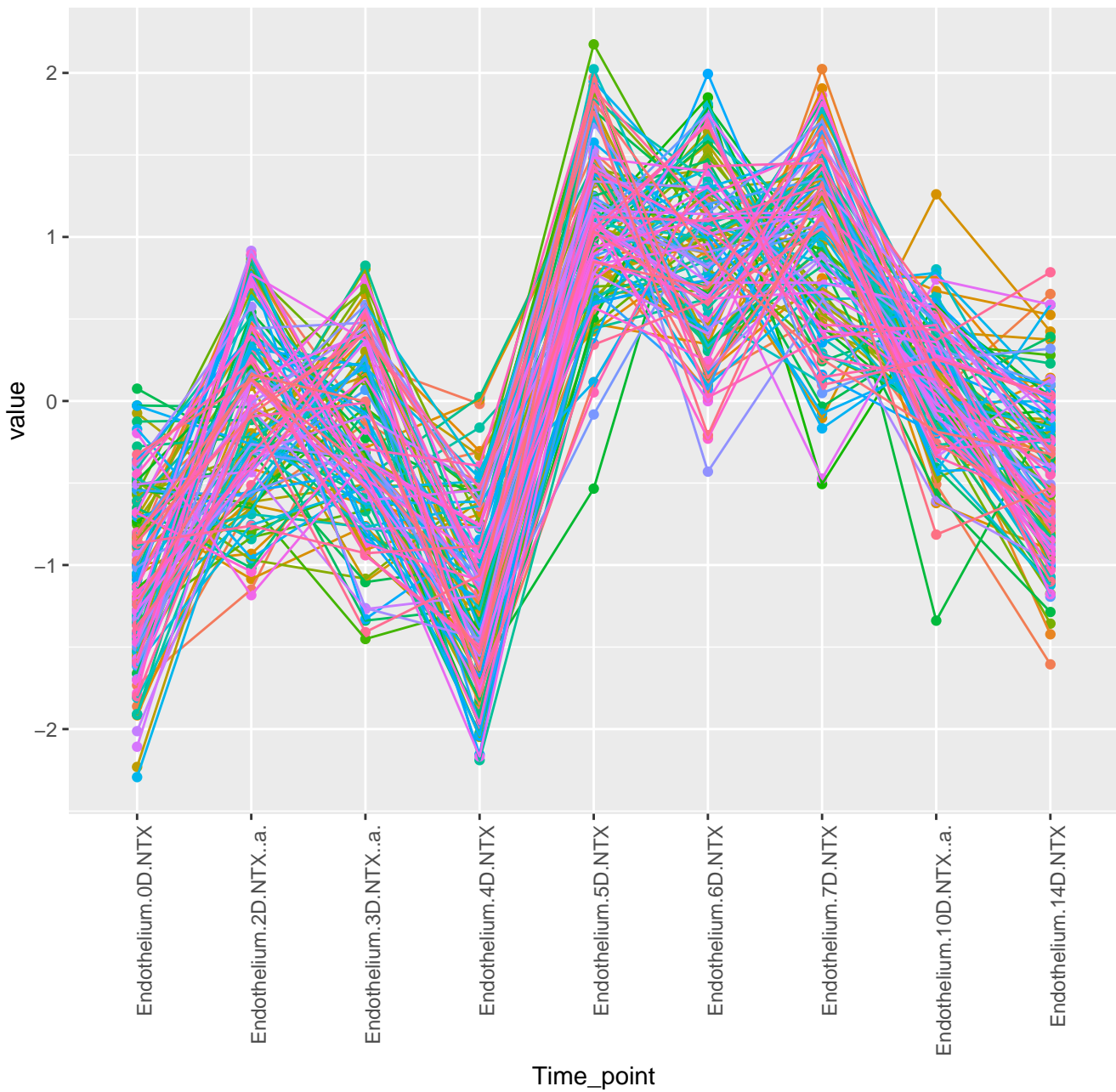


143 genes – cluster 58

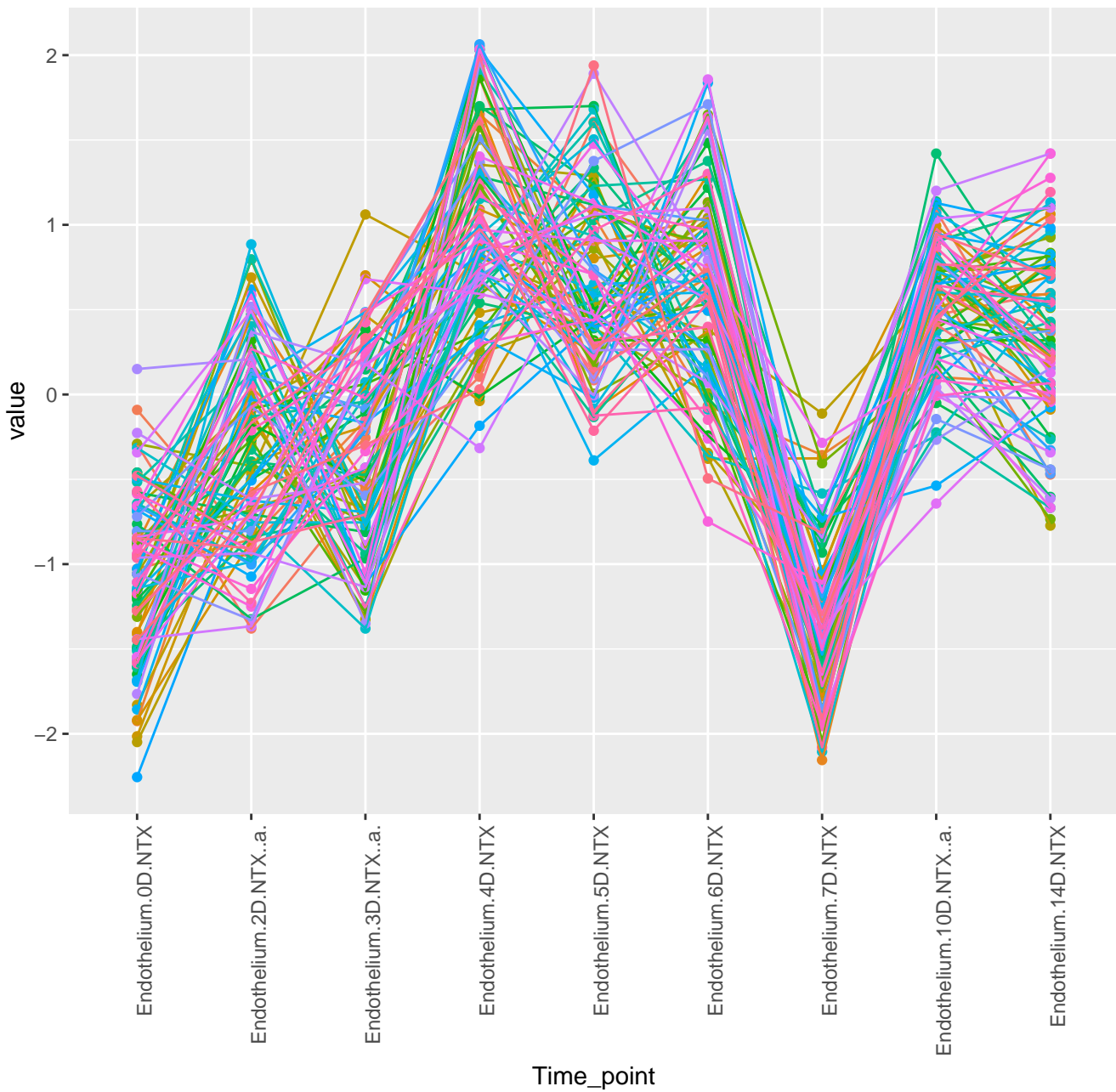




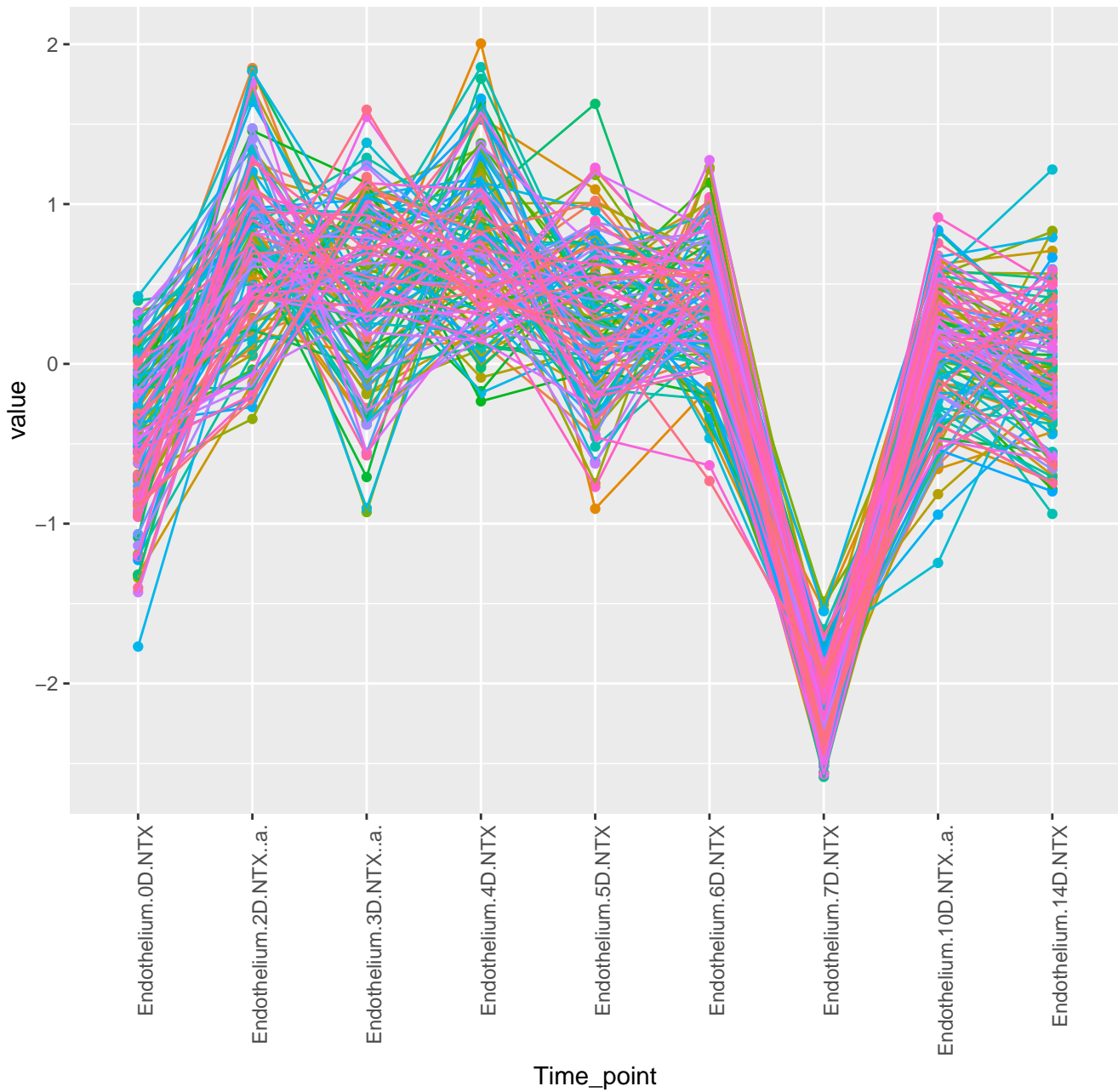
123 genes – cluster 59



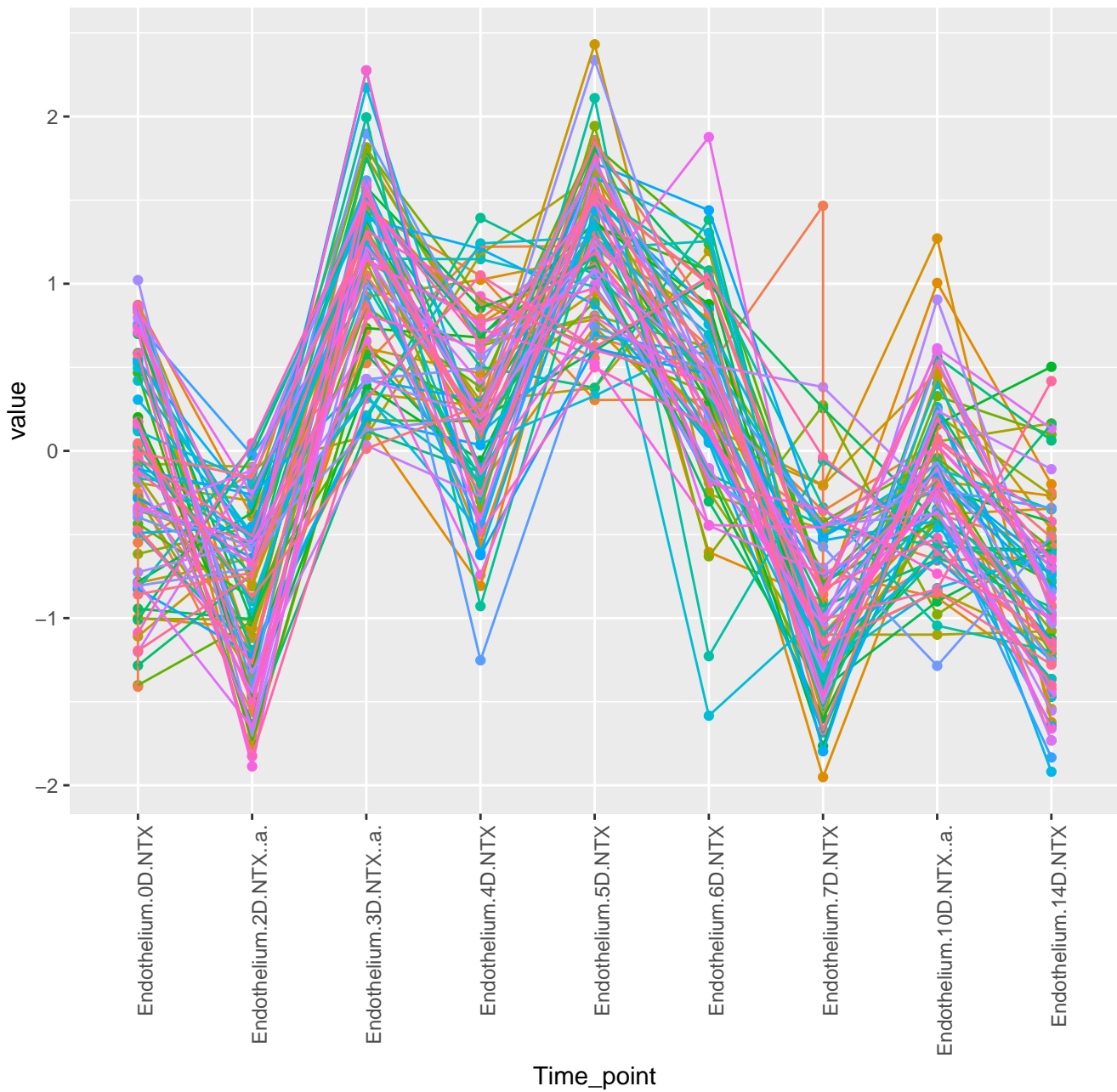
85 genes – cluster 60



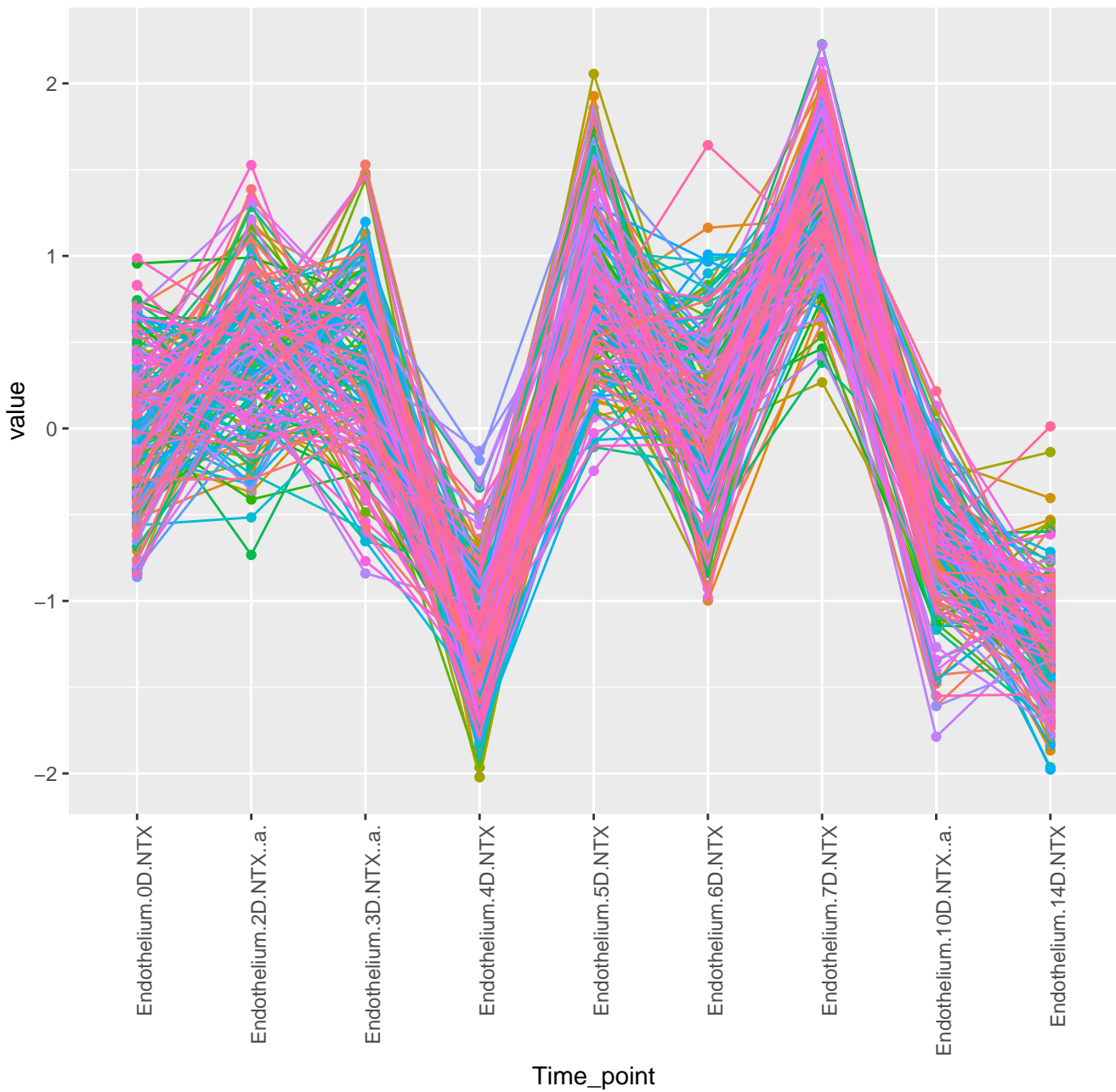
129 genes – cluster 61



81 genes – cluster 62

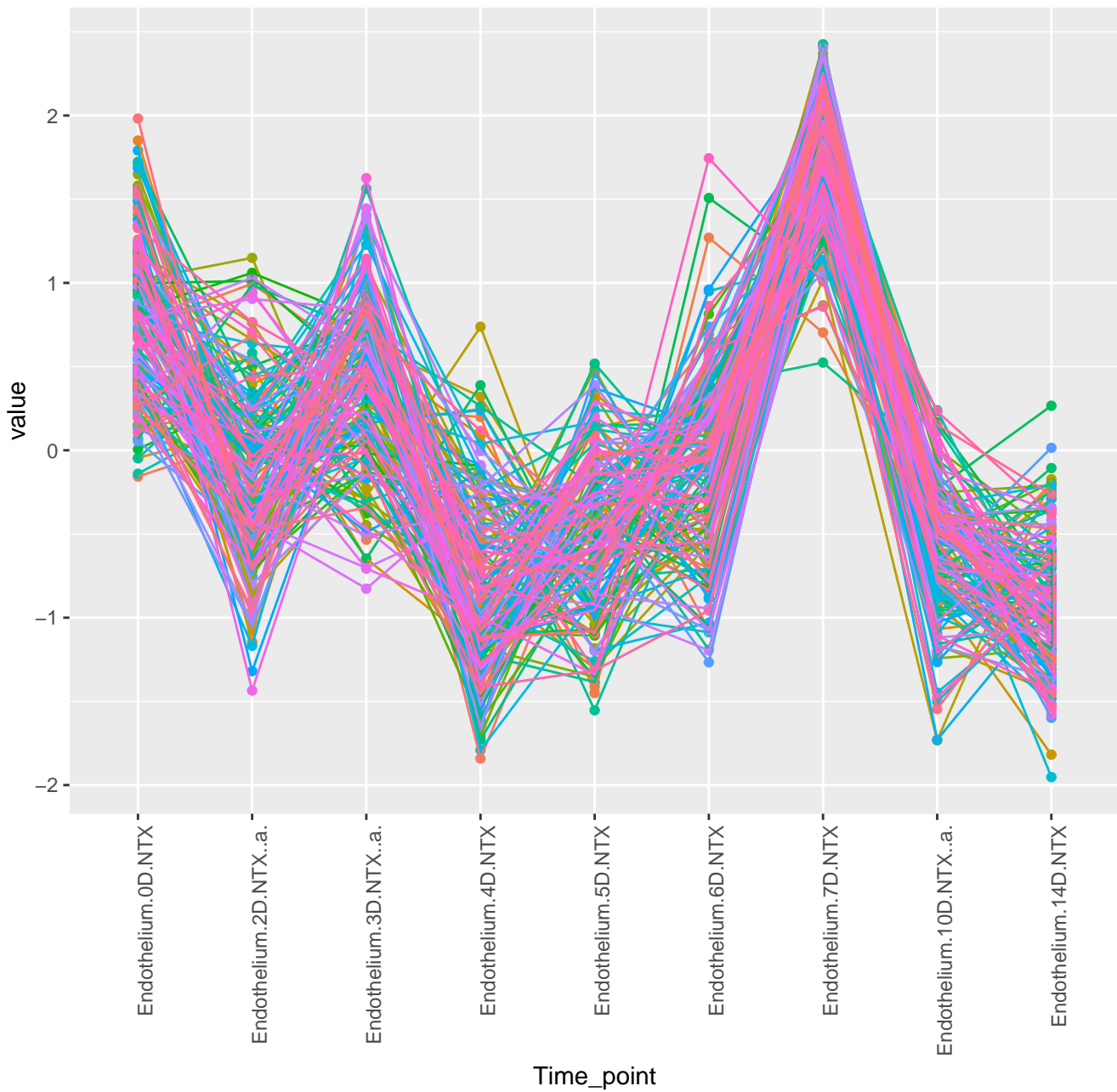


180 genes – cluster 63

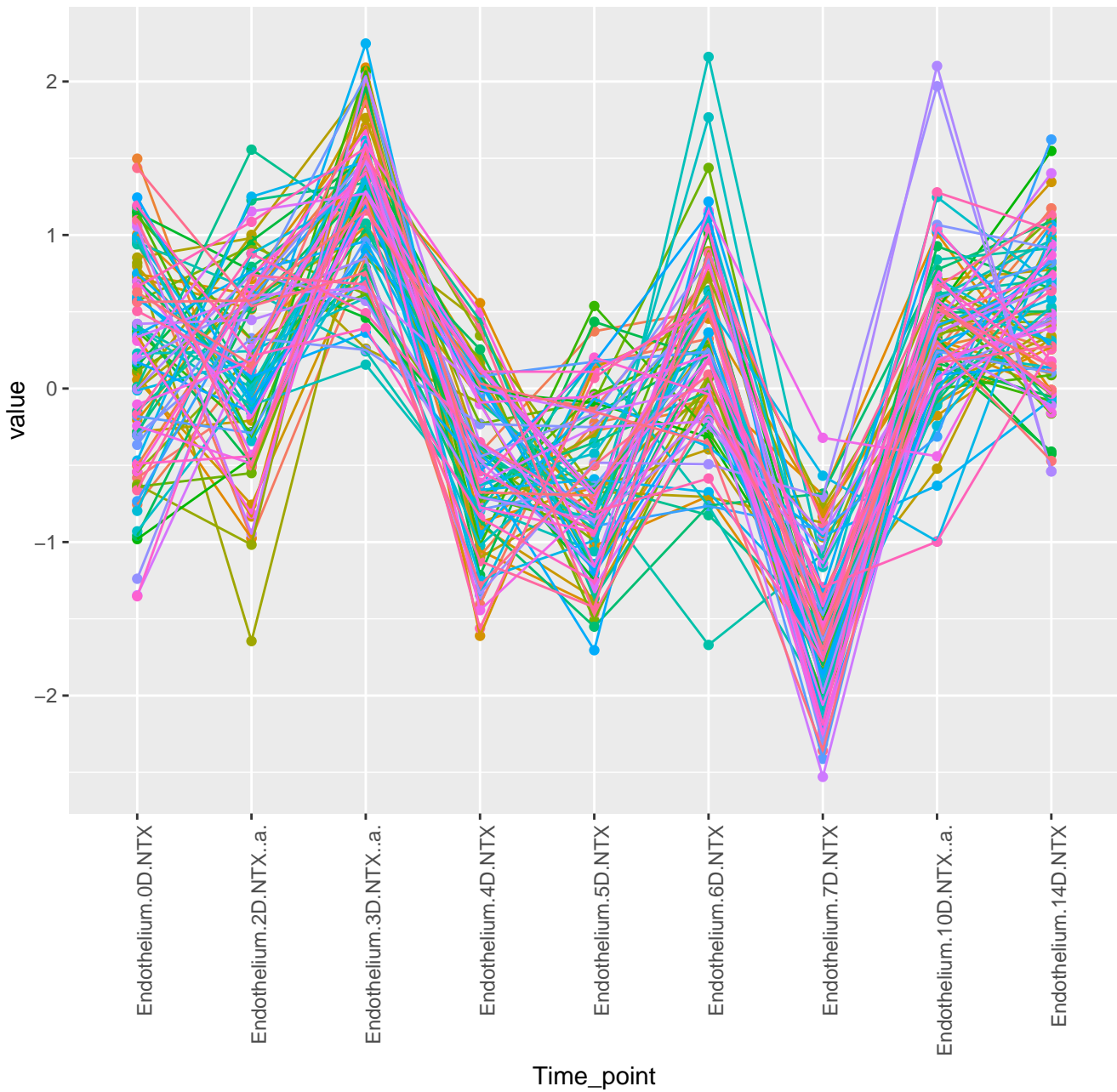




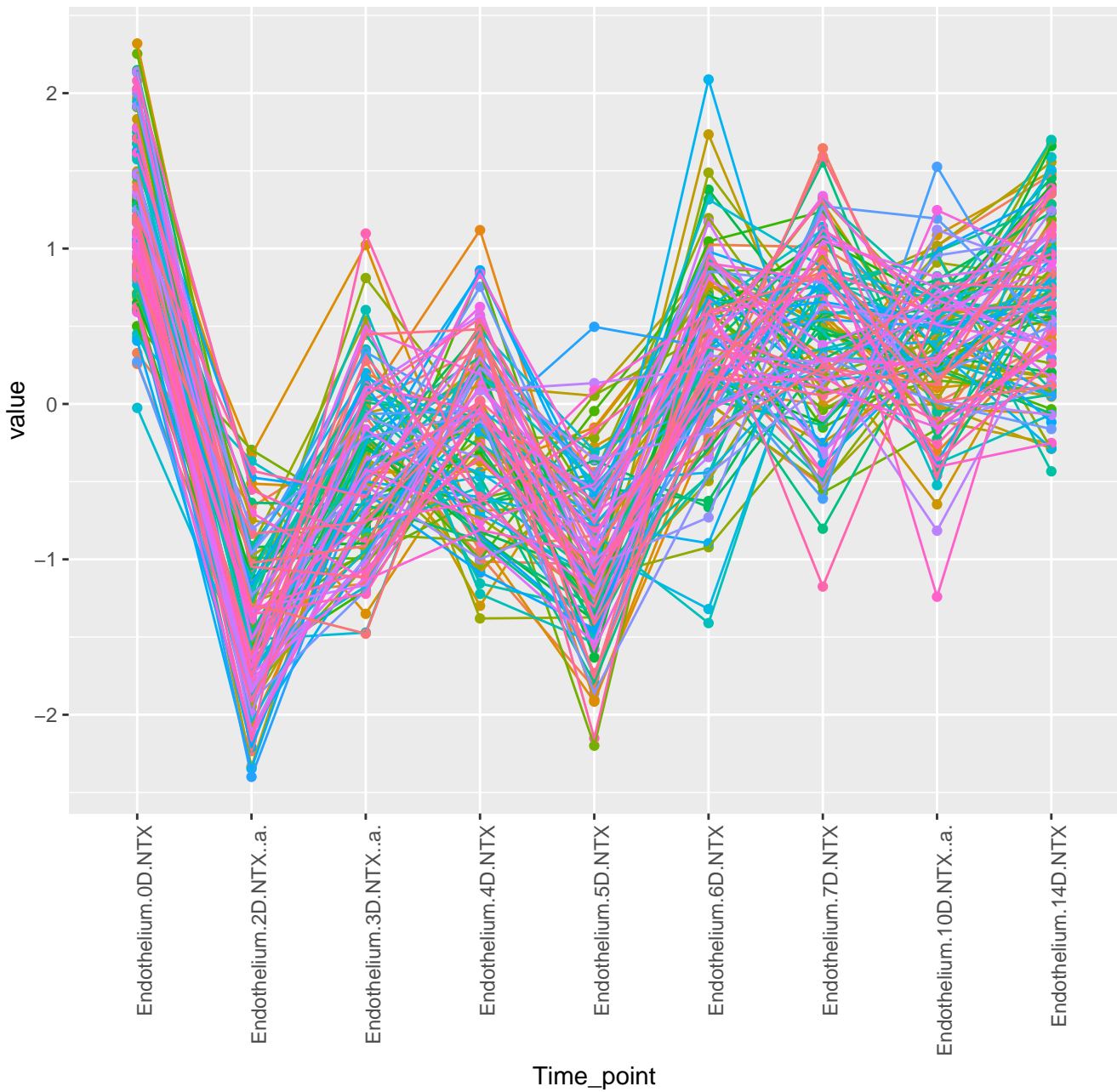
159 genes – cluster 64



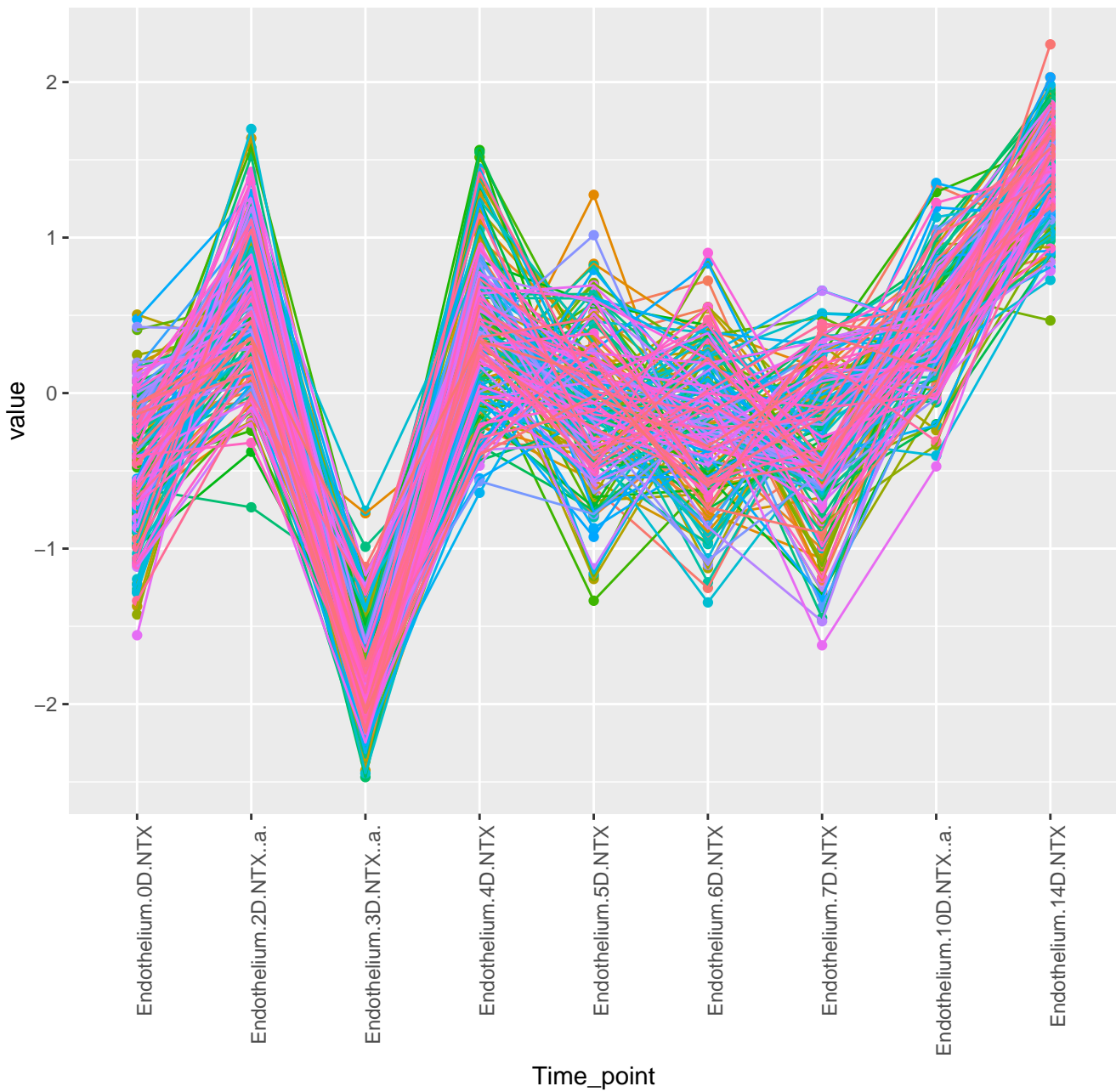
83 genes – cluster 65



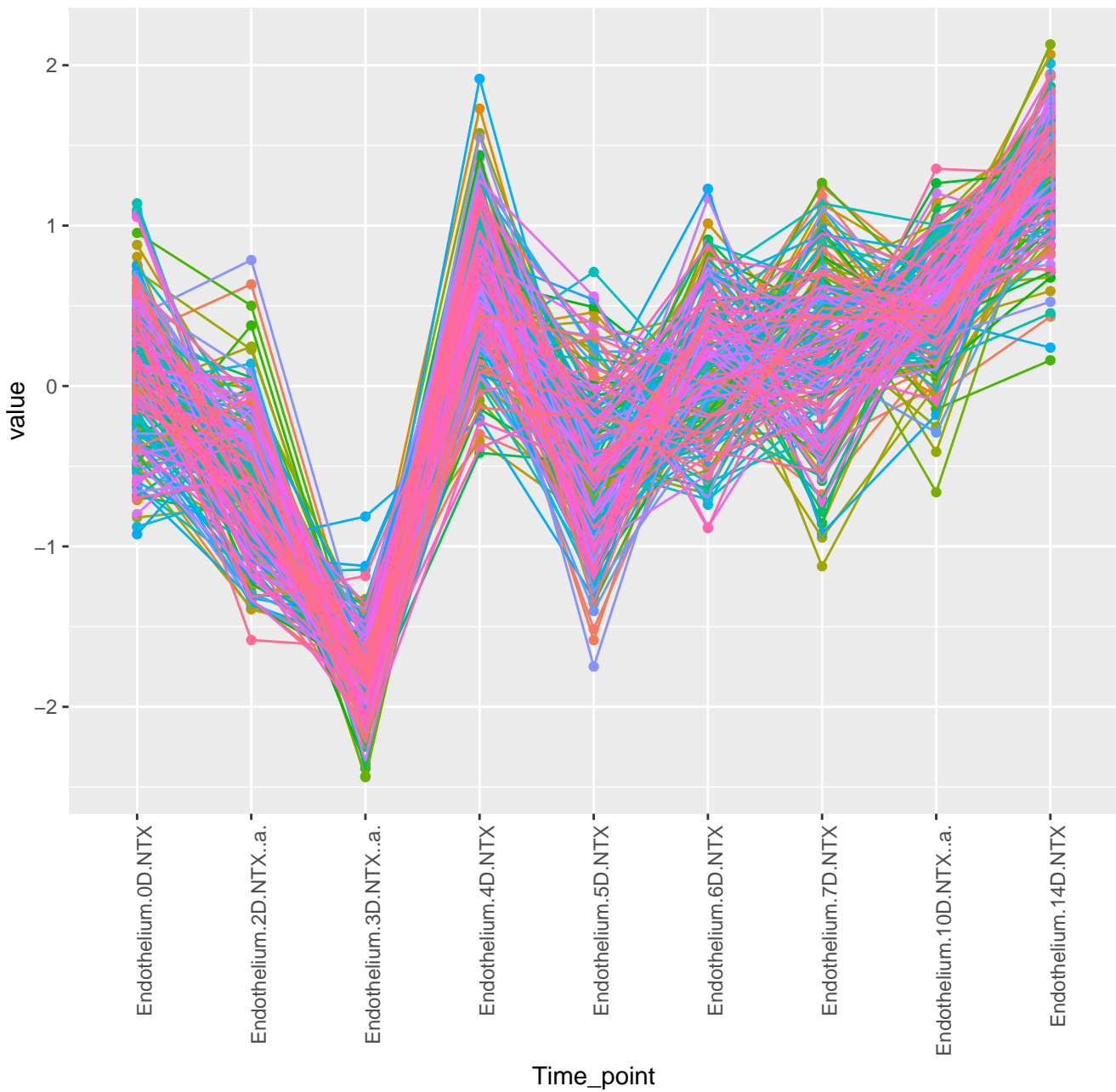
113 genes – cluster 66



171 genes – cluster 67

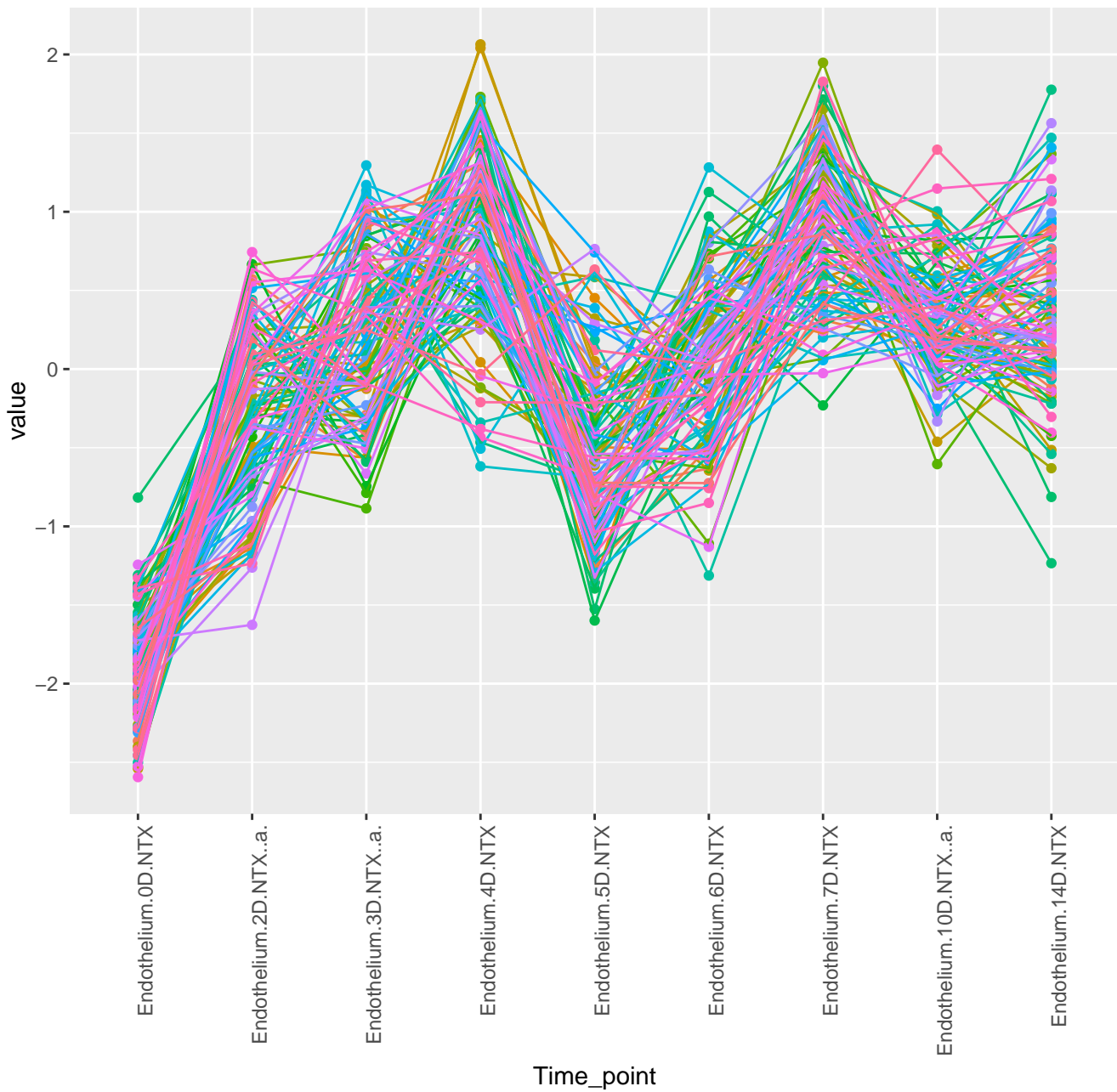


195 genes – cluster 68

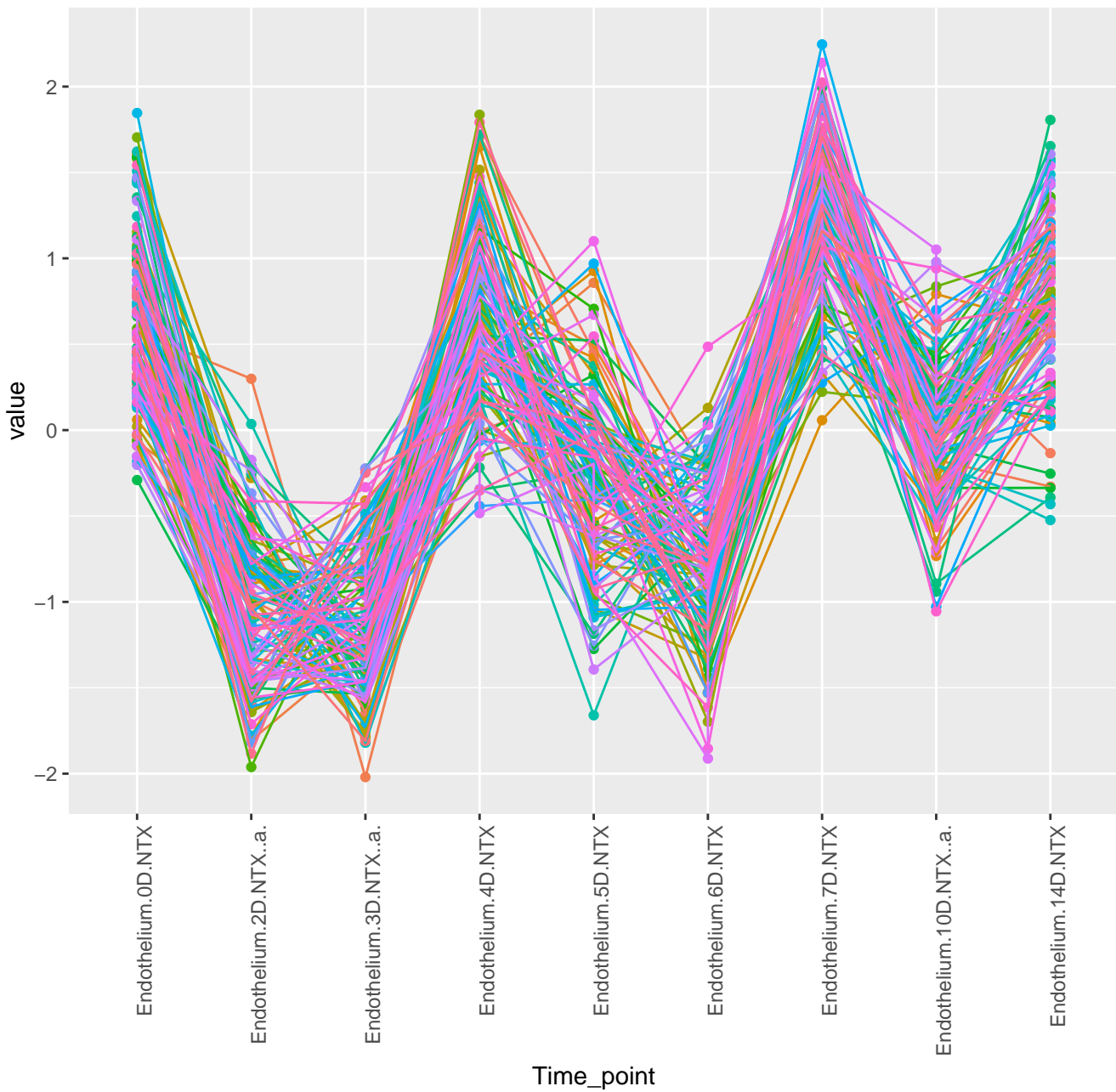




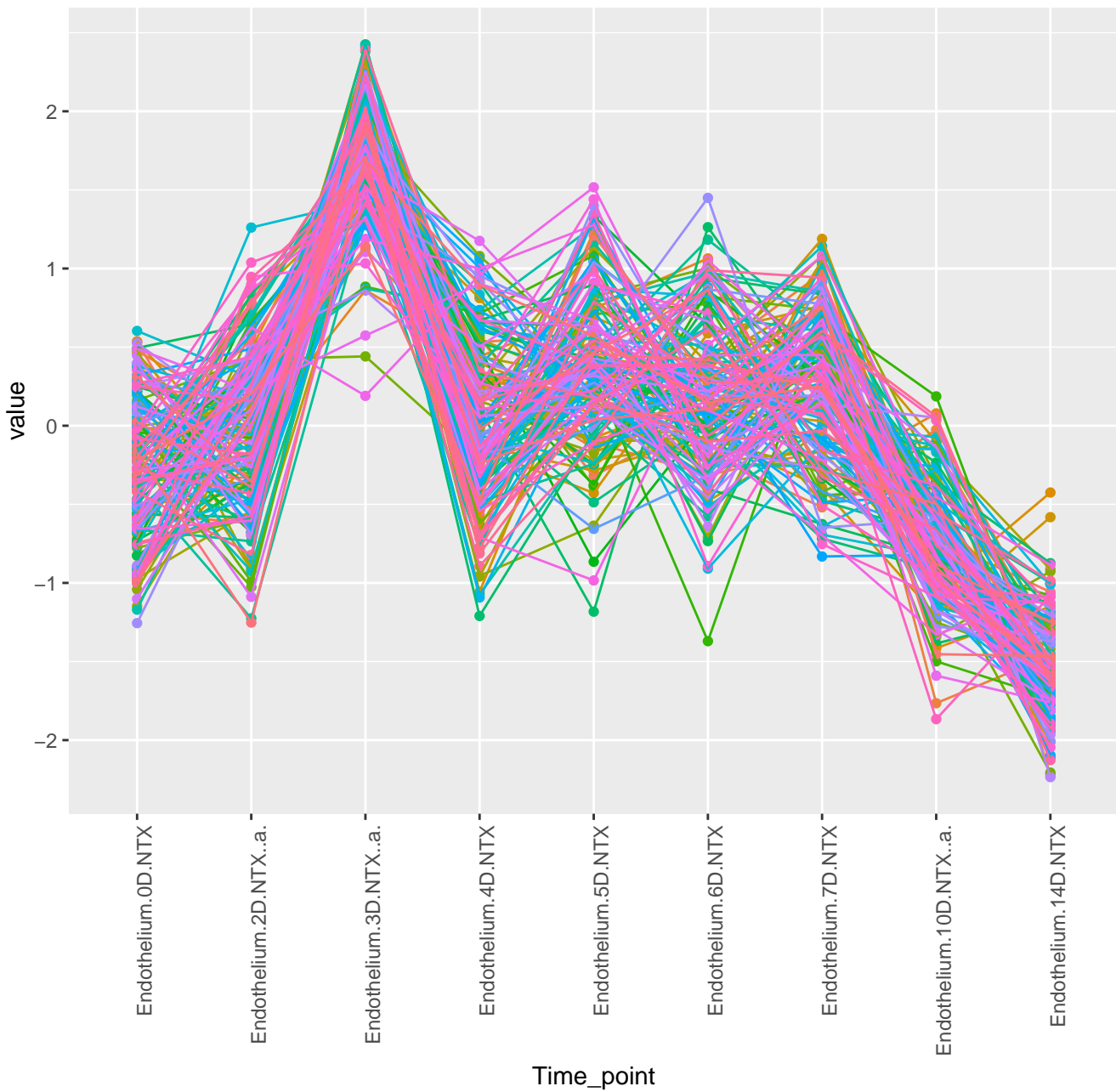
103 genes – cluster 69



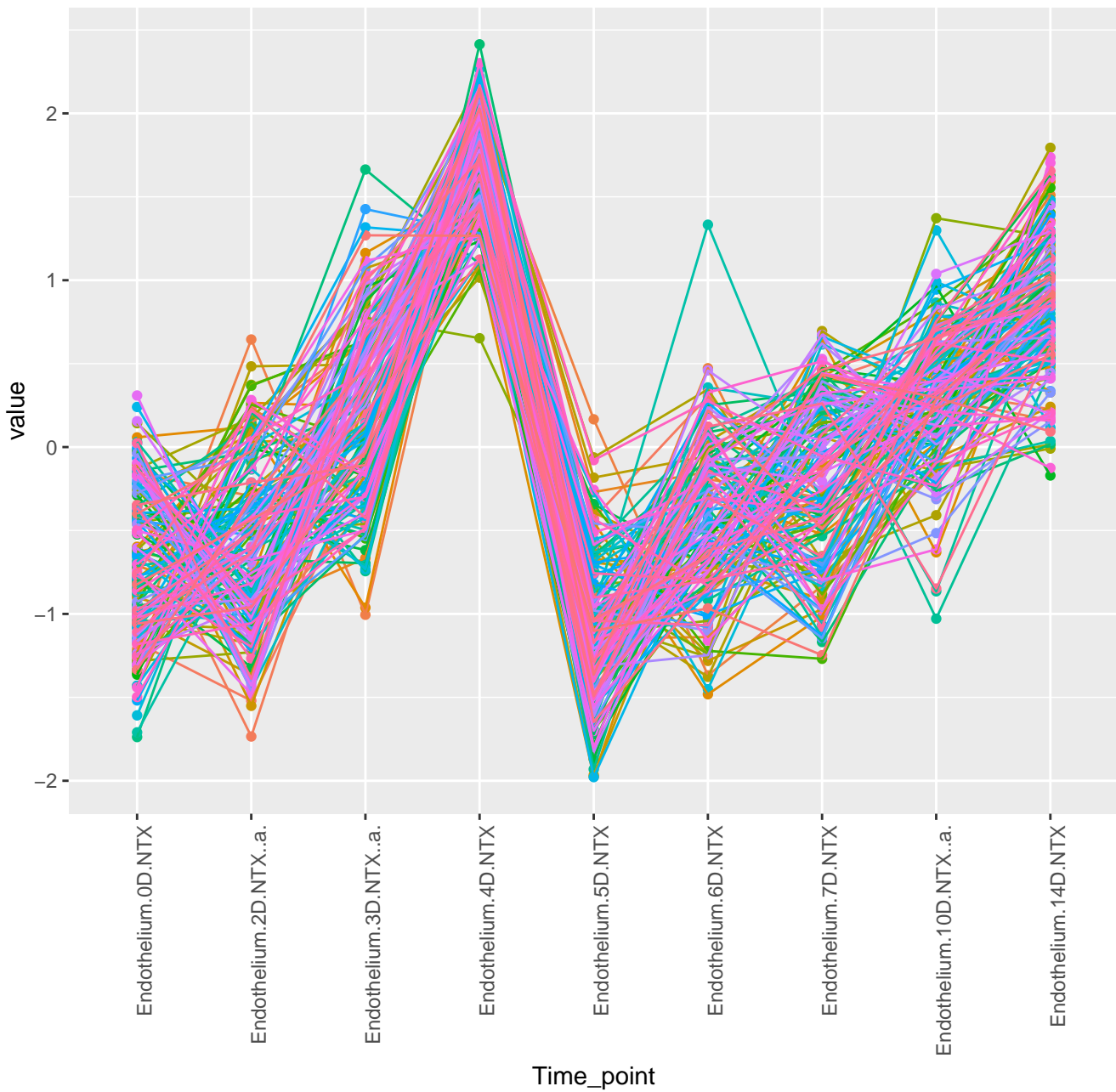
112 genes – cluster 70



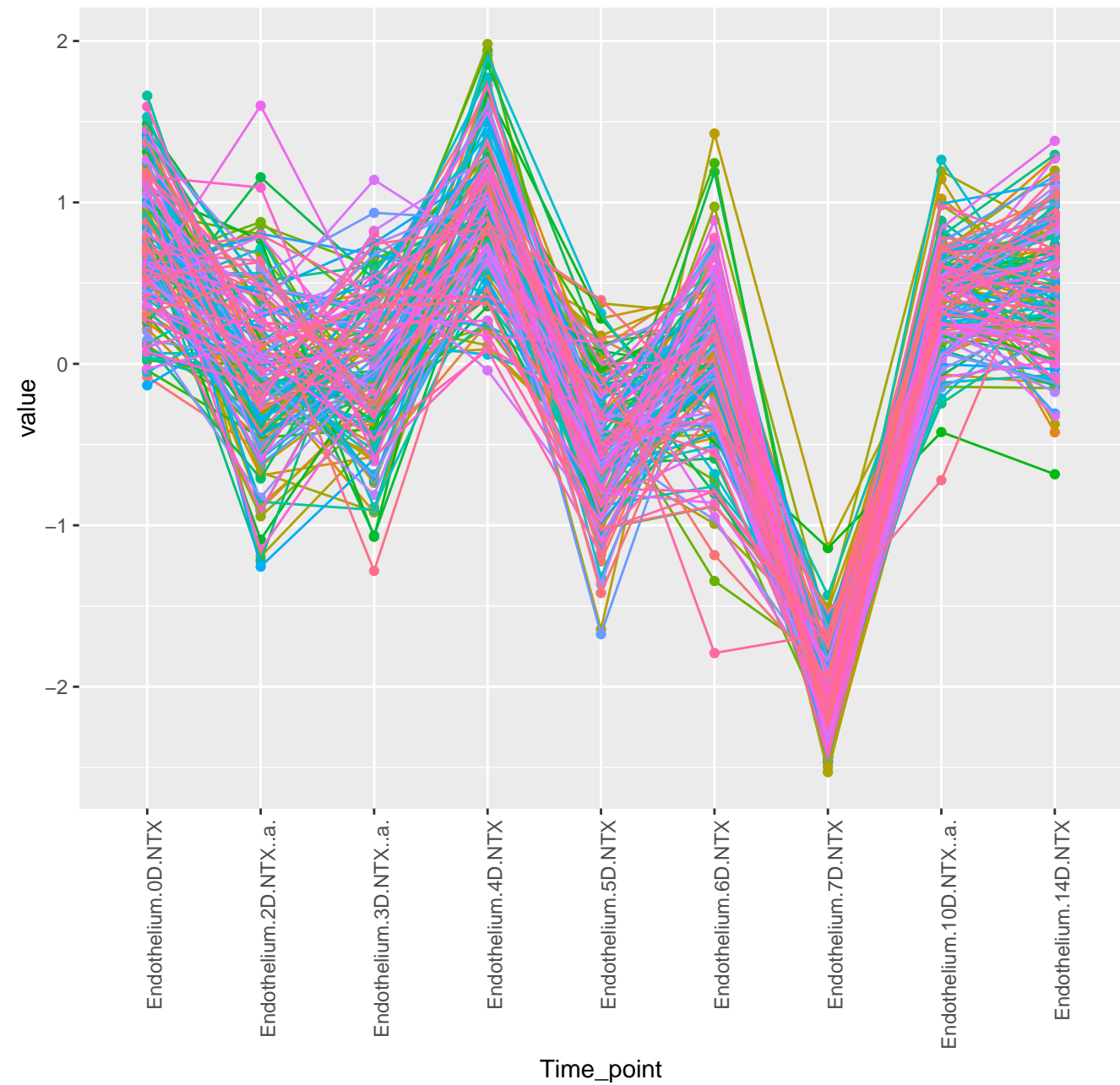
155 genes – cluster 71



153 genes – cluster 72



149 genes – cluster 73





159 genes – cluster 74

