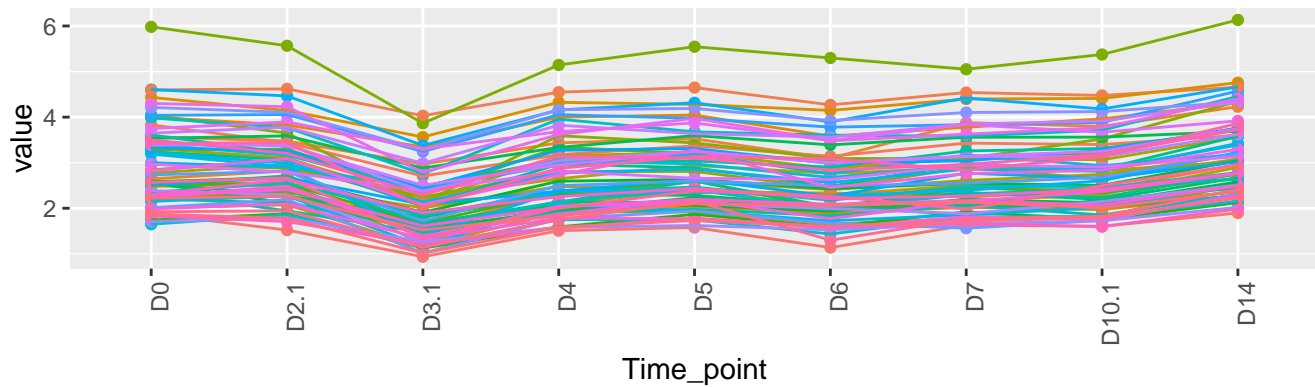
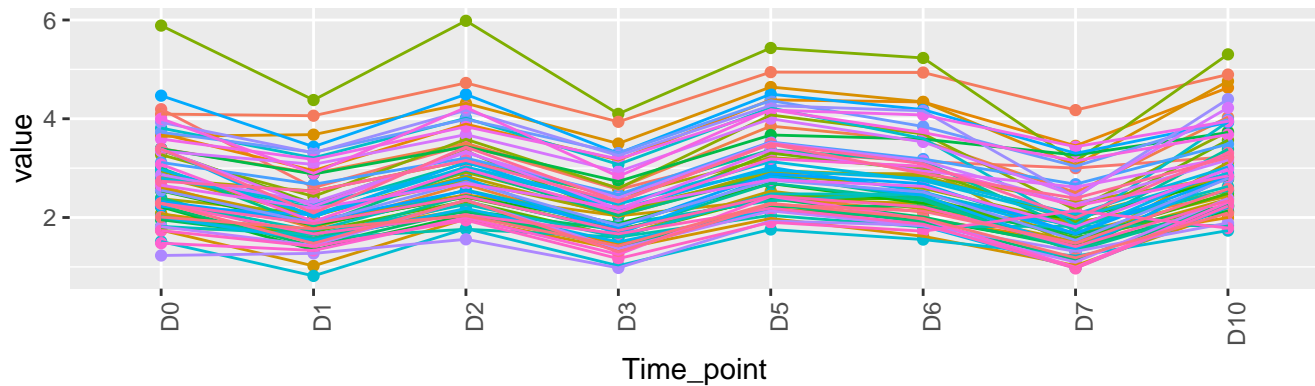


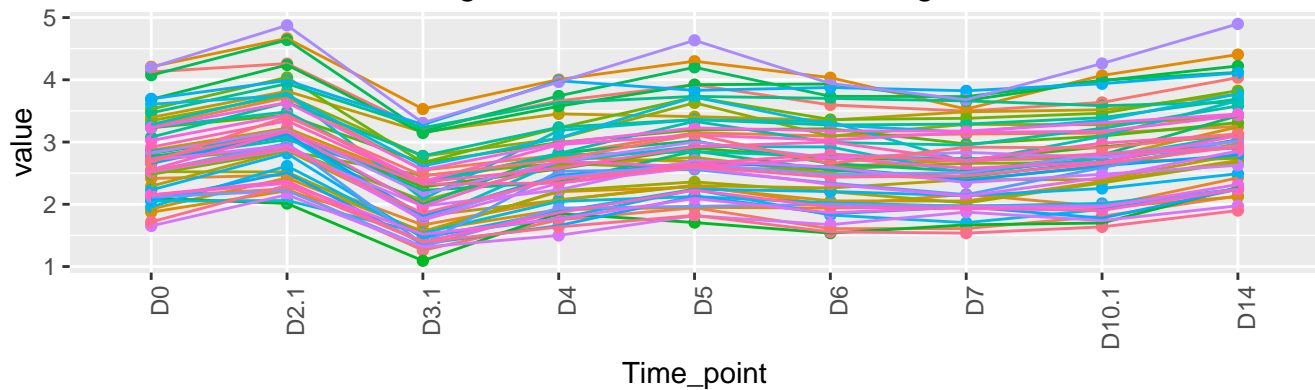
68 genes – WT-cluster-200-original



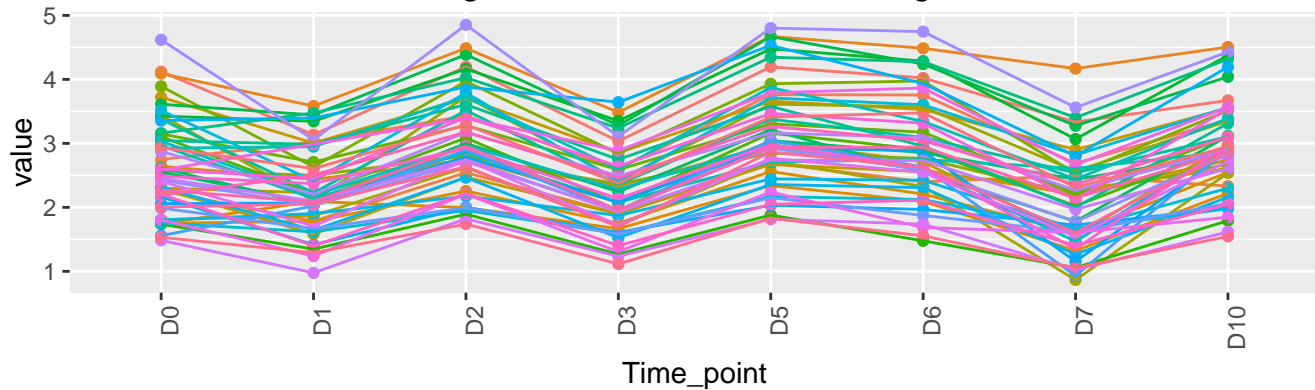
61 genes – KO-cluster-200-original



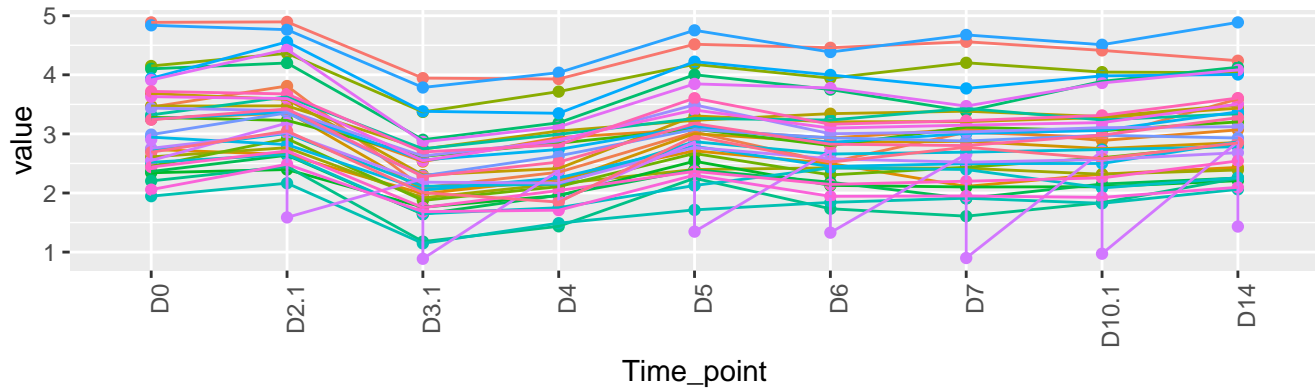
53 genes – WT-cluster-199-original



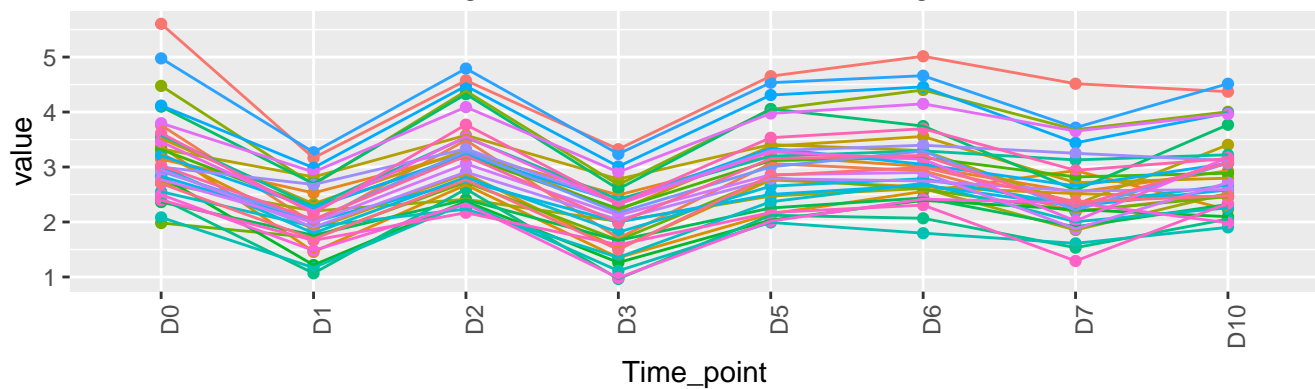
52 genes – KO-cluster-199-original



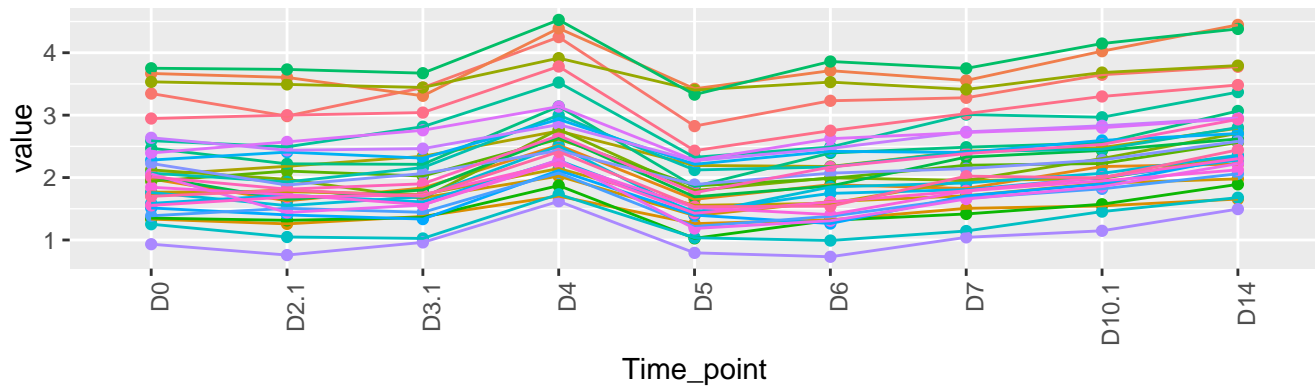
35 genes – WT-cluster-198-original



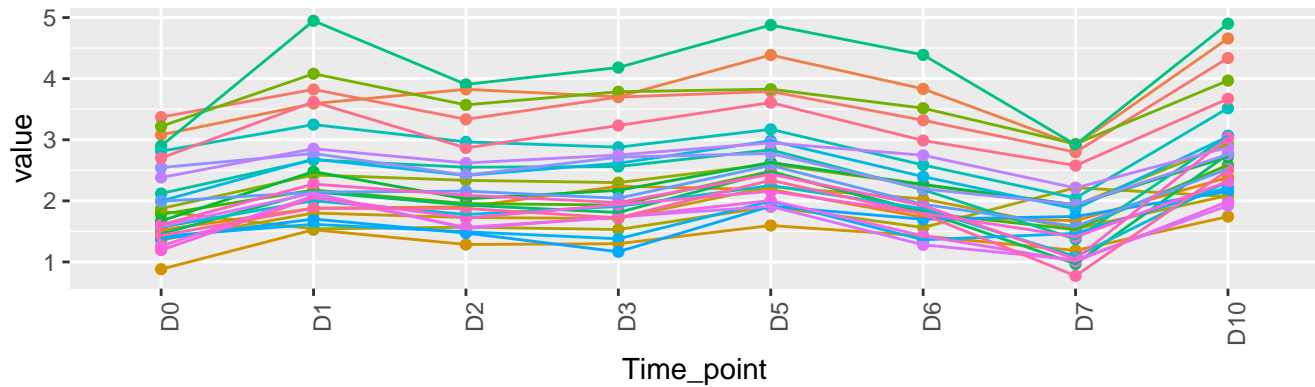
34 genes – KO-cluster-198-original



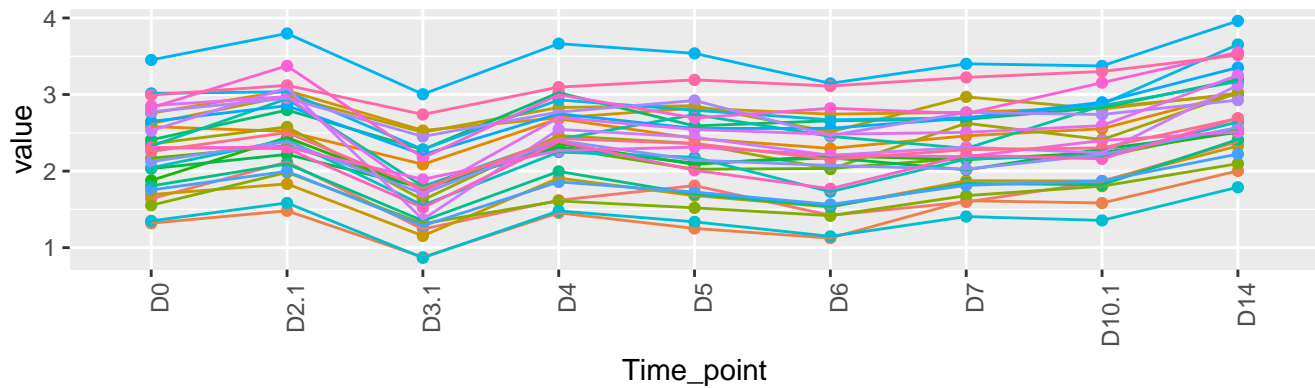
32 genes – WT-cluster-197-original



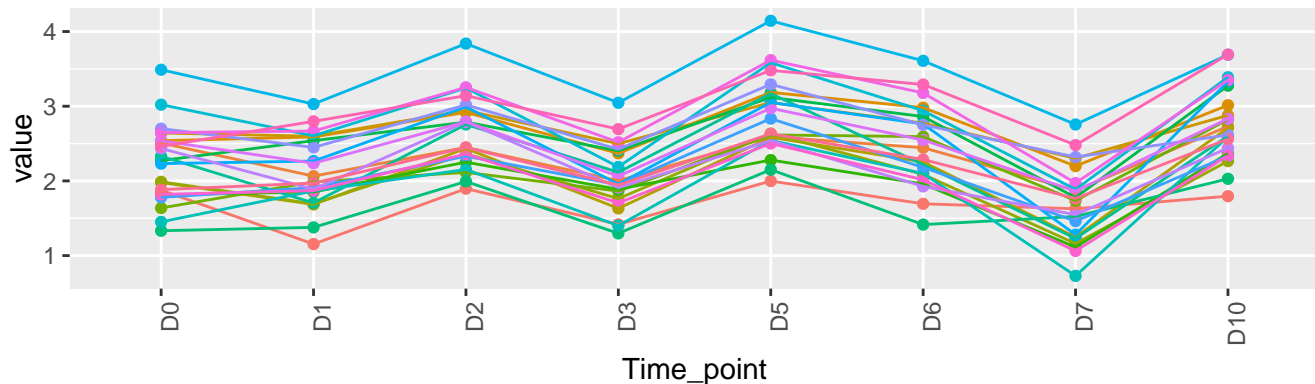
27 genes – KO-cluster-197-original



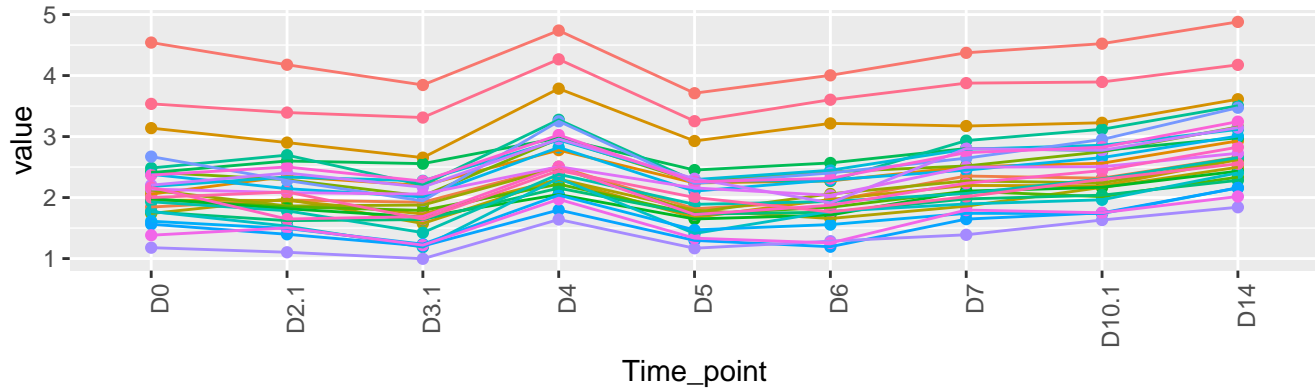
29 genes – WT-cluster-196-original



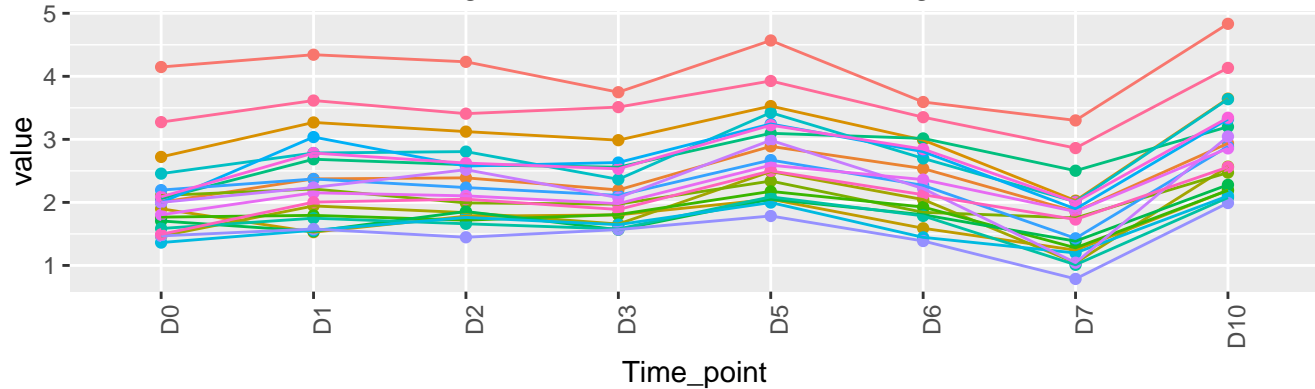
23 genes – KO-cluster-196-original



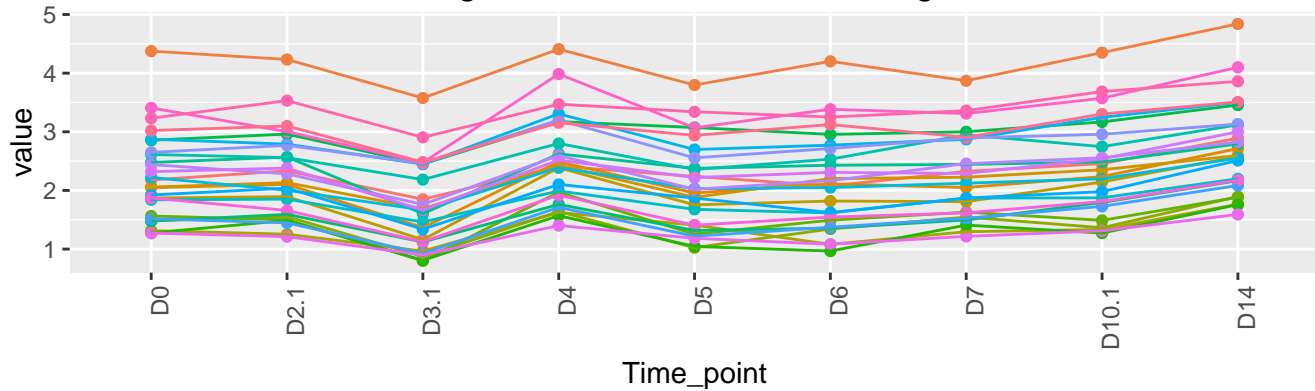
28 genes – WT-cluster-195-original



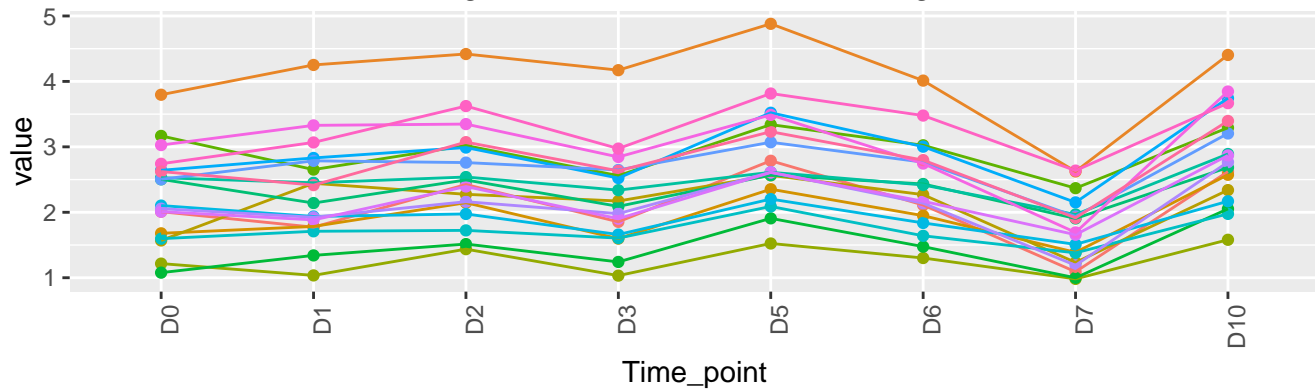
20 genes – KO-cluster-195-original



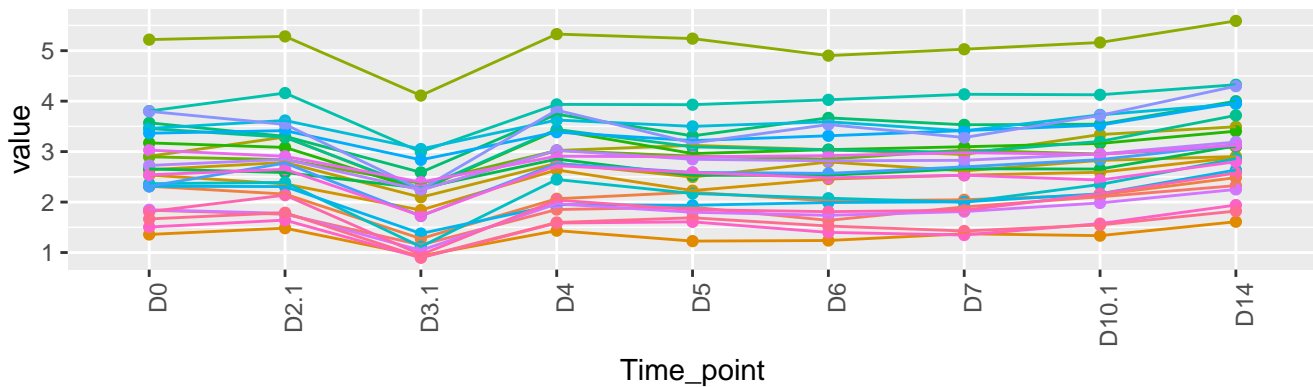
26 genes – WT-cluster-194-original



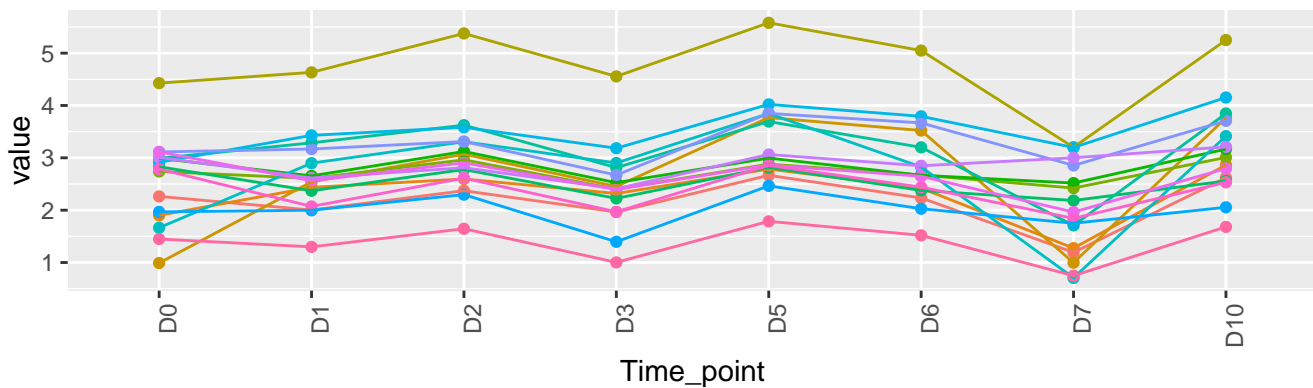
18 genes – KO-cluster-194-original



26 genes – WT-cluster-193-original

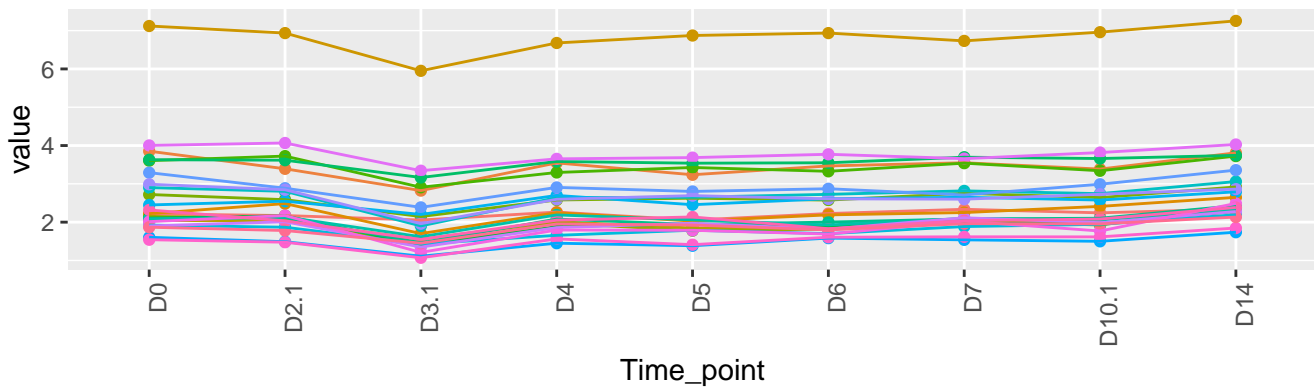


16 genes – KO-cluster-193-original

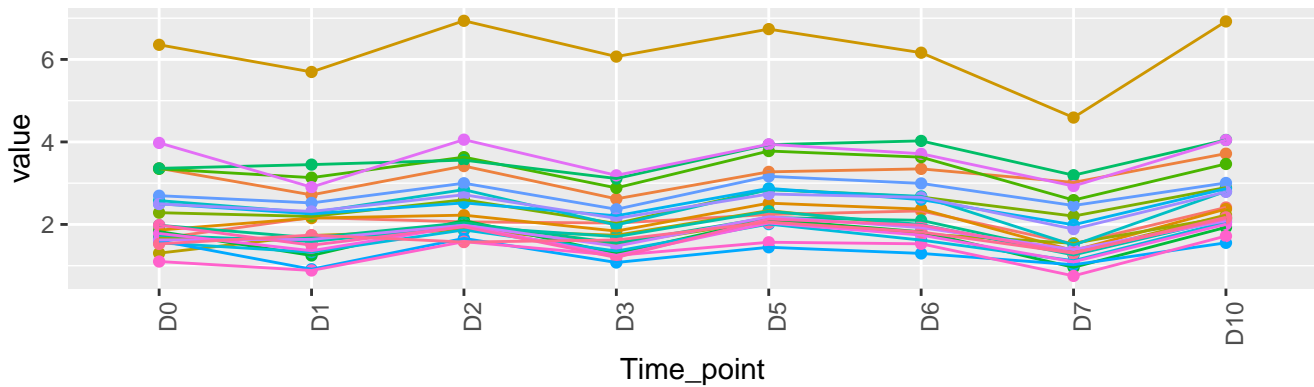




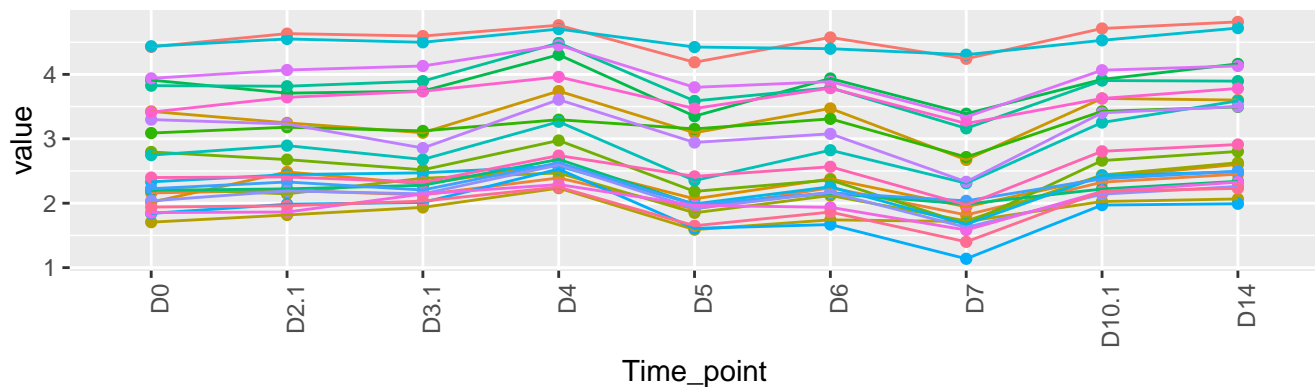
24 genes – WT-cluster-192-original



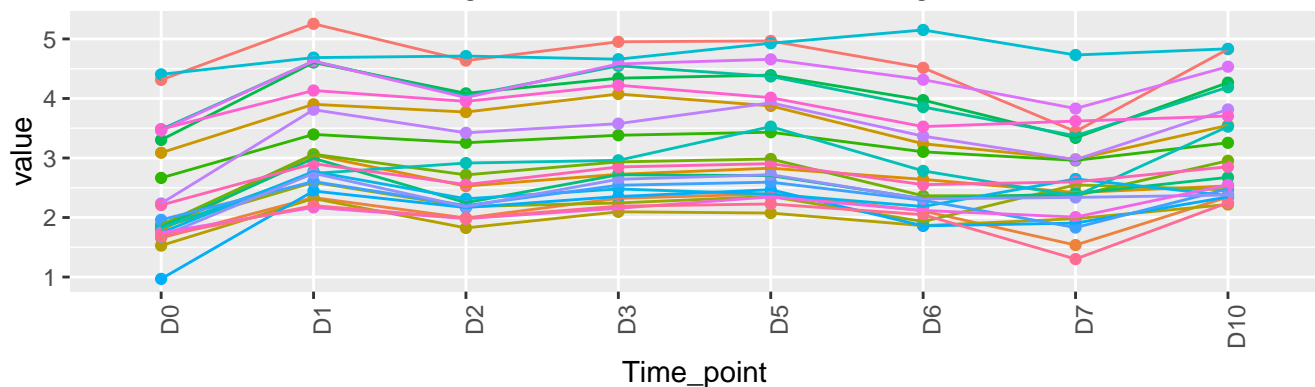
24 genes – KO-cluster-192-original



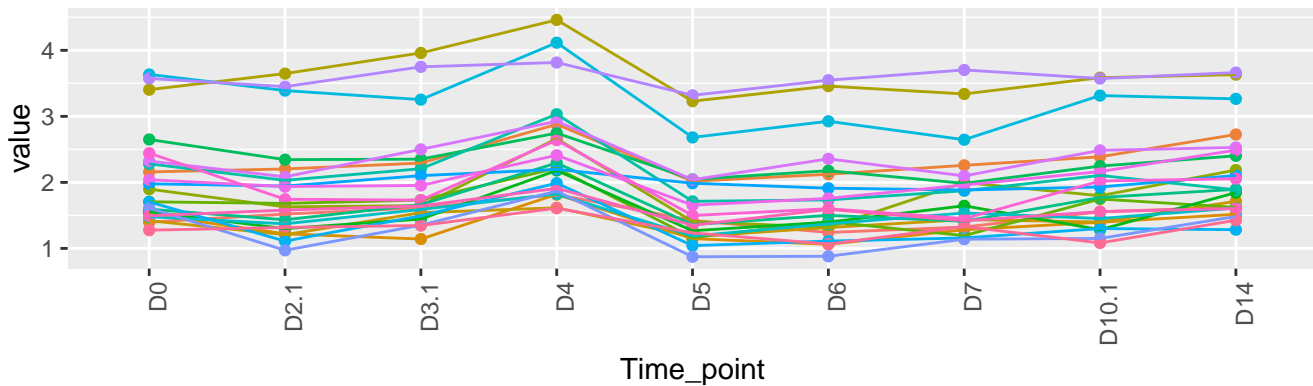
23 genes – WT-cluster-191-original



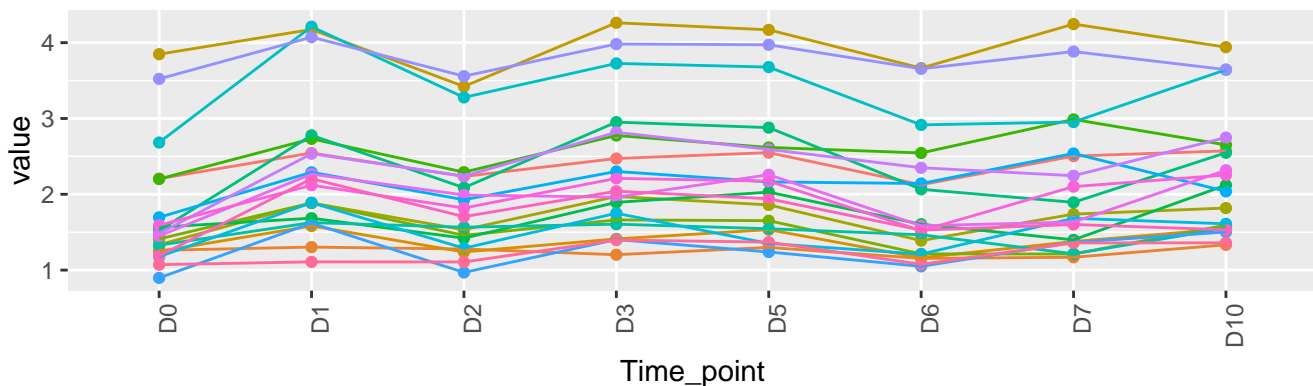
23 genes – KO-cluster-191-original



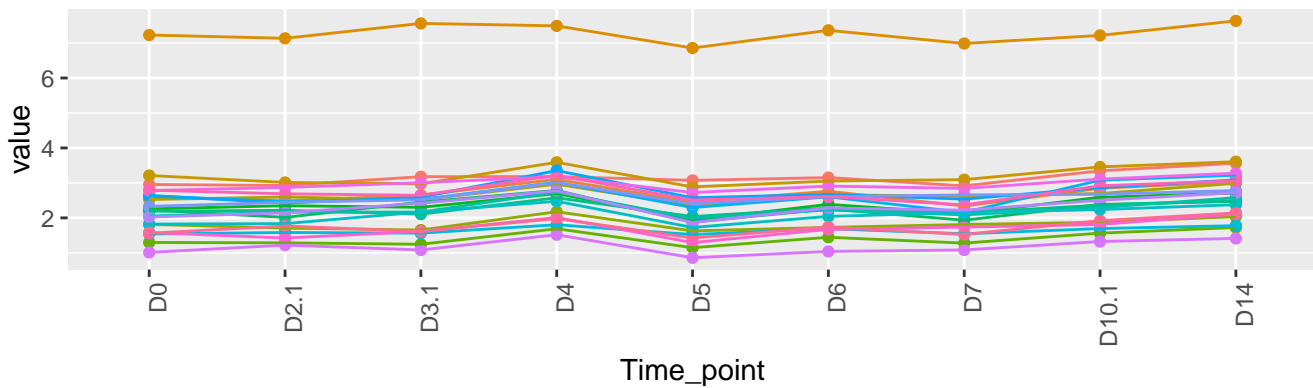
22 genes – WT-cluster-190-original



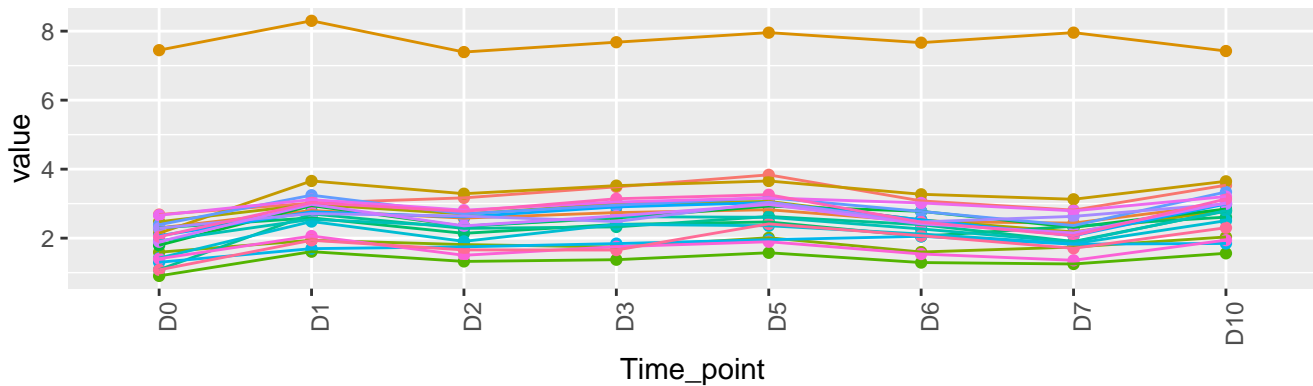
20 genes – KO-cluster-190-original



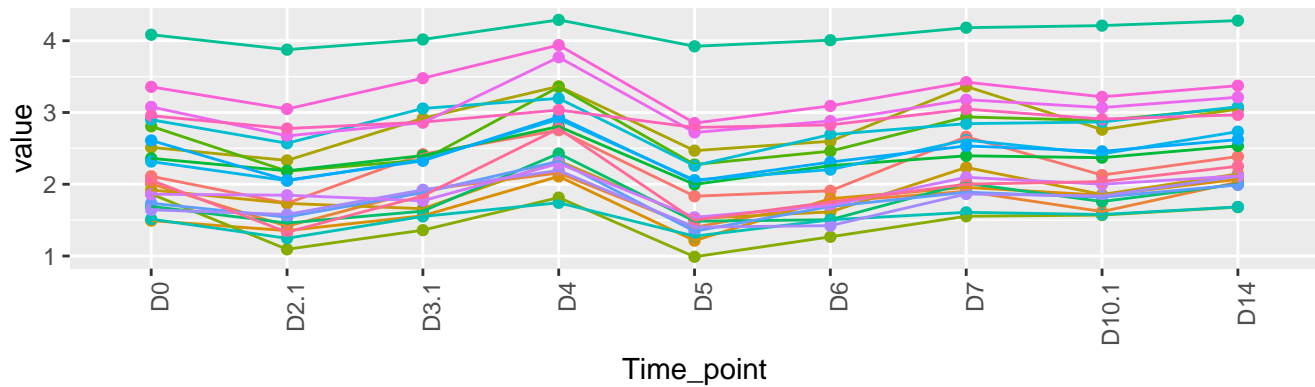
22 genes – WT-cluster-189-original



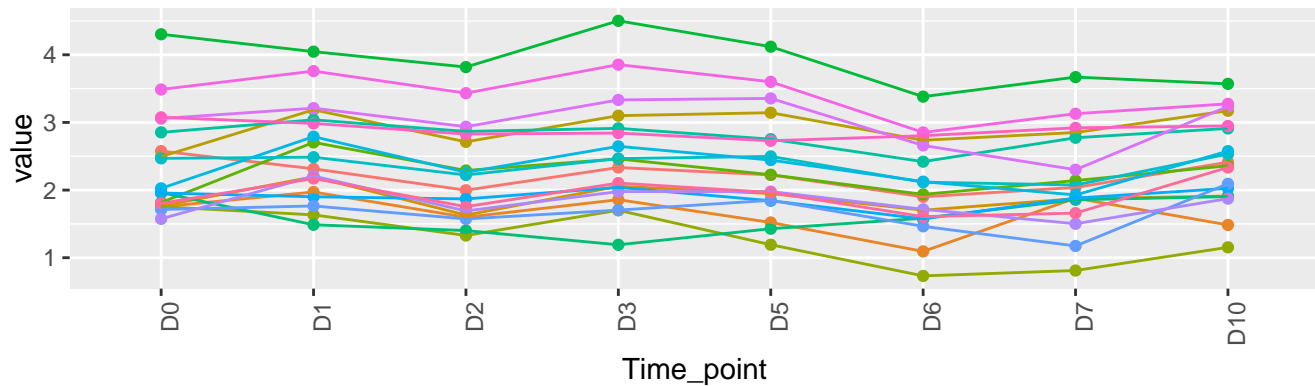
21 genes – KO-cluster-189-original



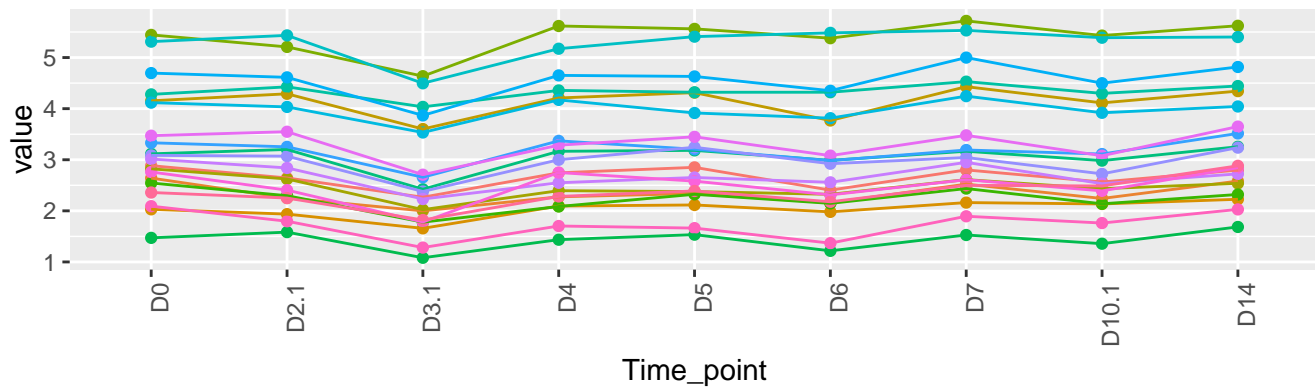
21 genes – WT-cluster-188-original



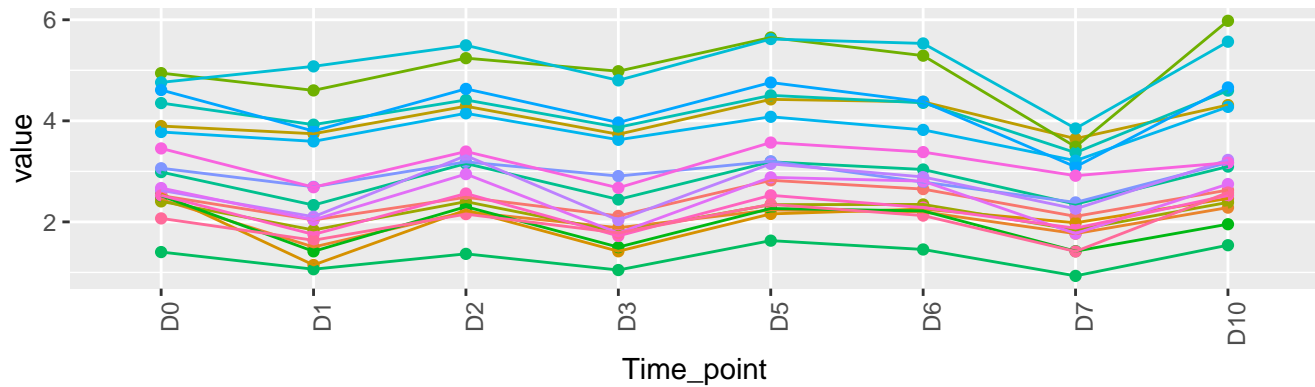
18 genes – KO-cluster-188-original



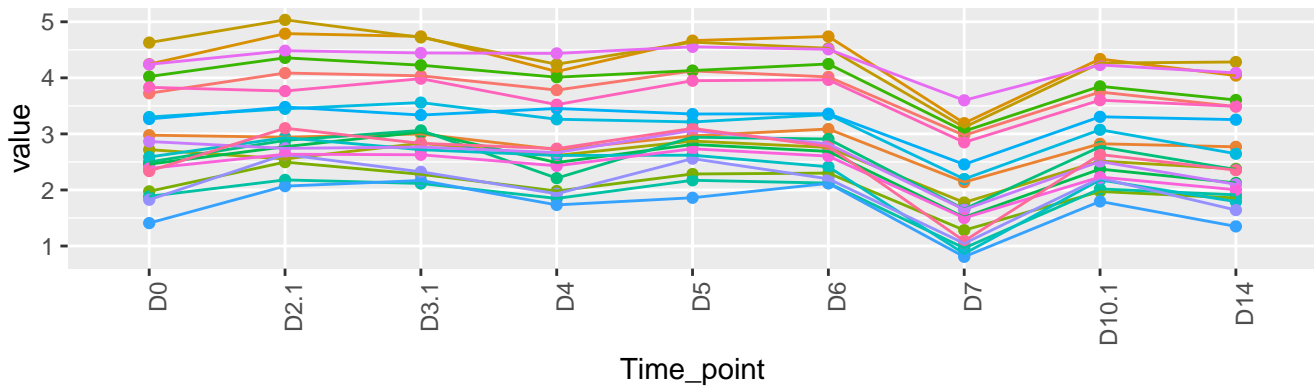
20 genes – WT-cluster-187-original



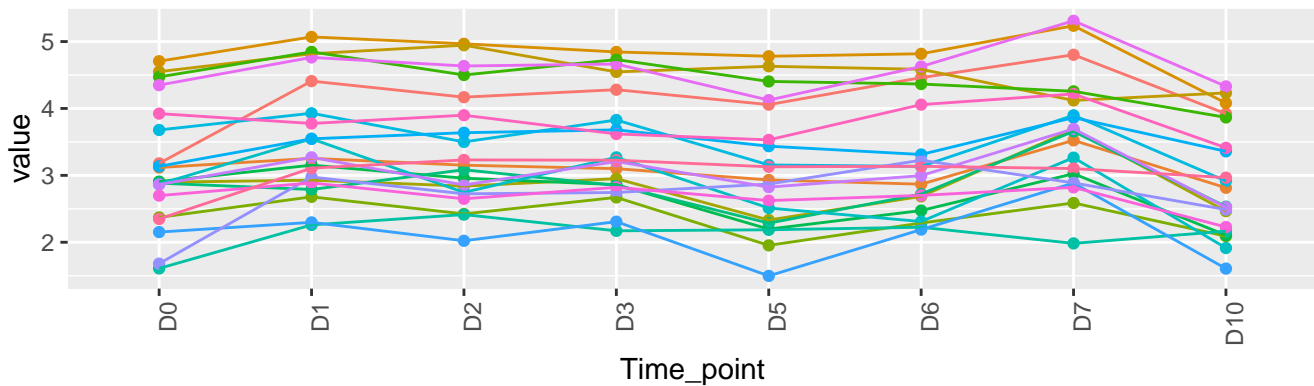
19 genes – KO-cluster-187-original



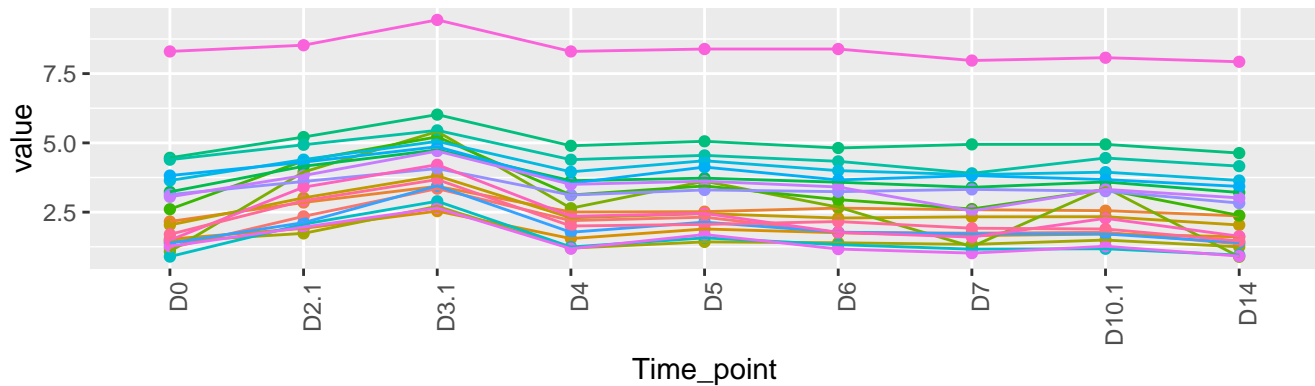
20 genes – WT-cluster-186-original



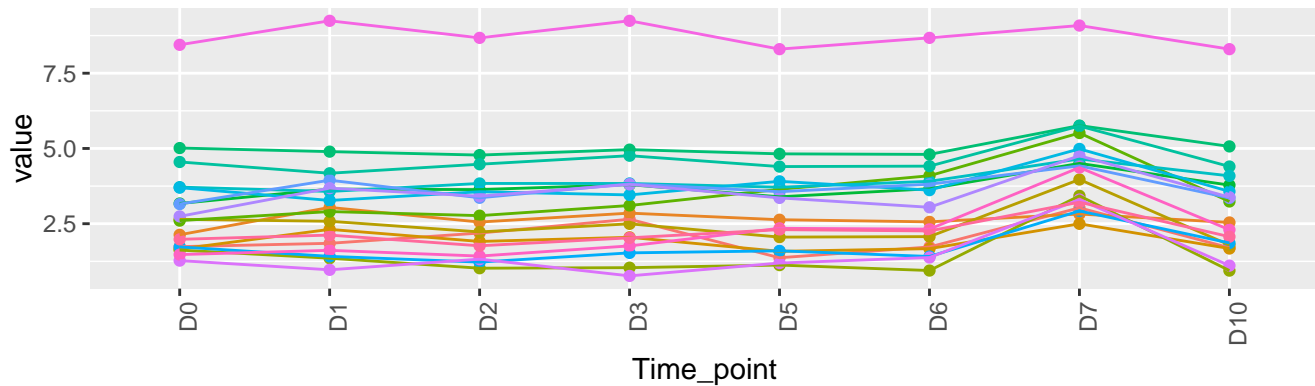
20 genes – KO-cluster-186-original



20 genes – WT-cluster-185-original

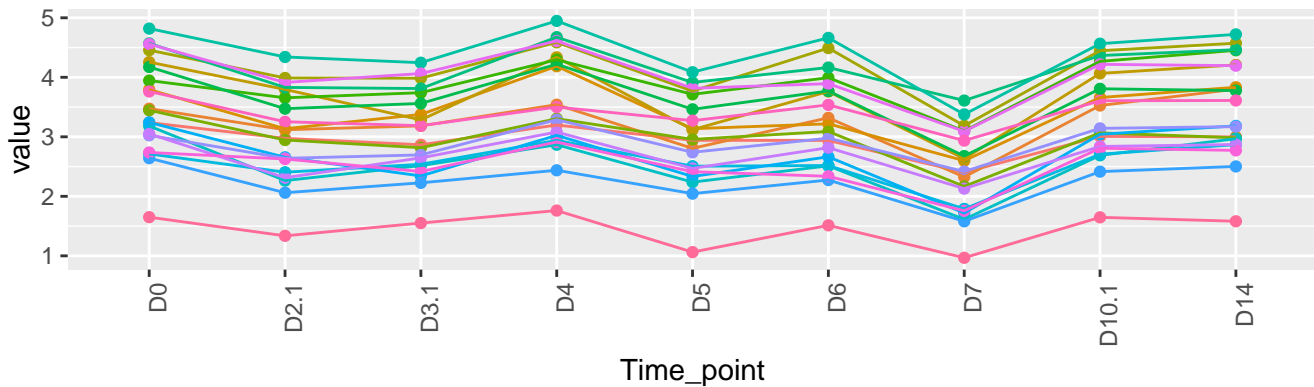


18 genes – KO-cluster-185-original

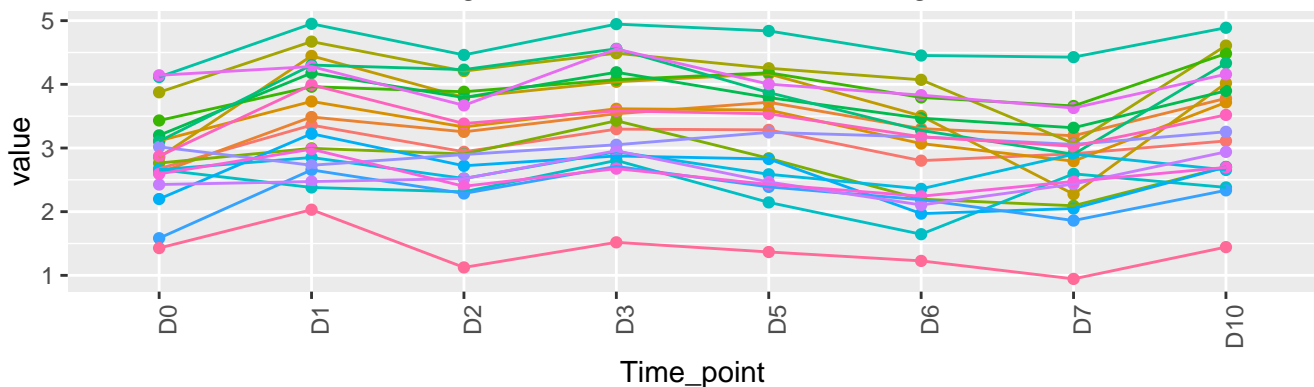




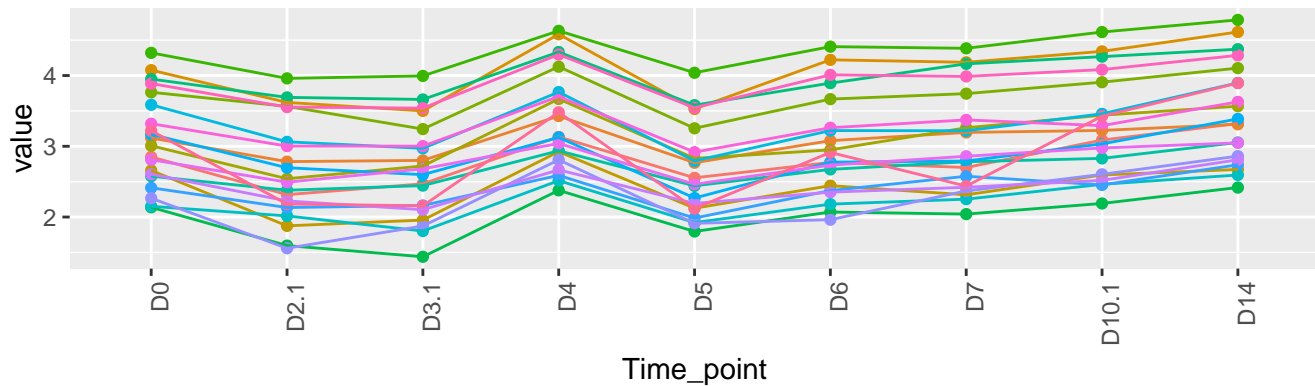
20 genes – WT-cluster-184-original



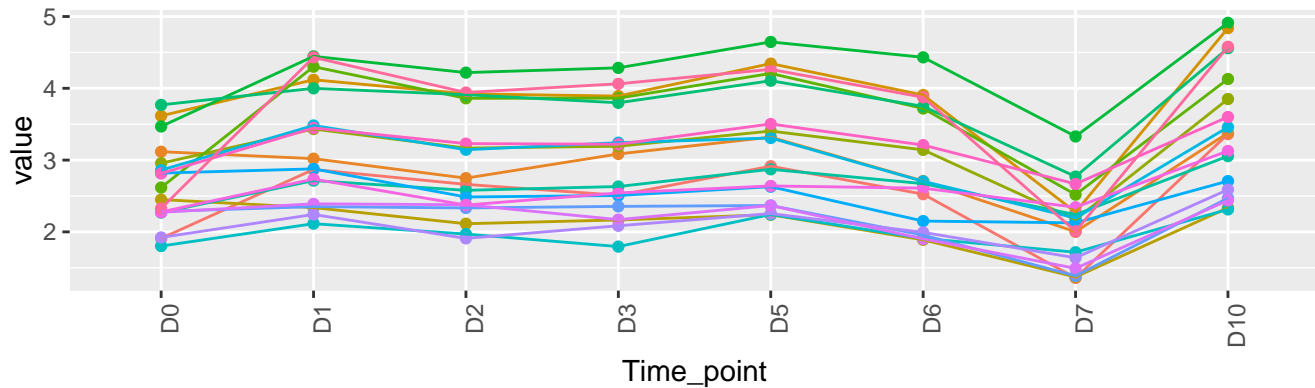
20 genes – KO-cluster-184-original



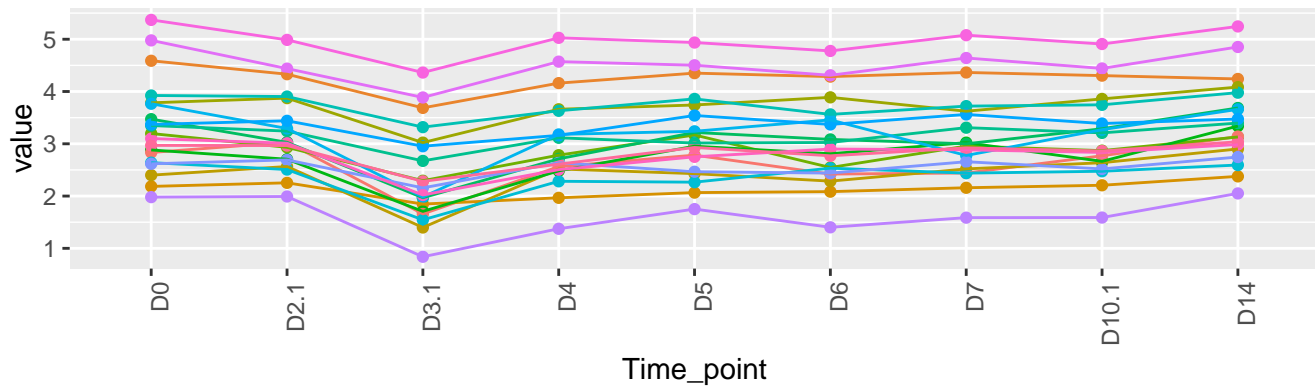
20 genes – WT-cluster-183-original



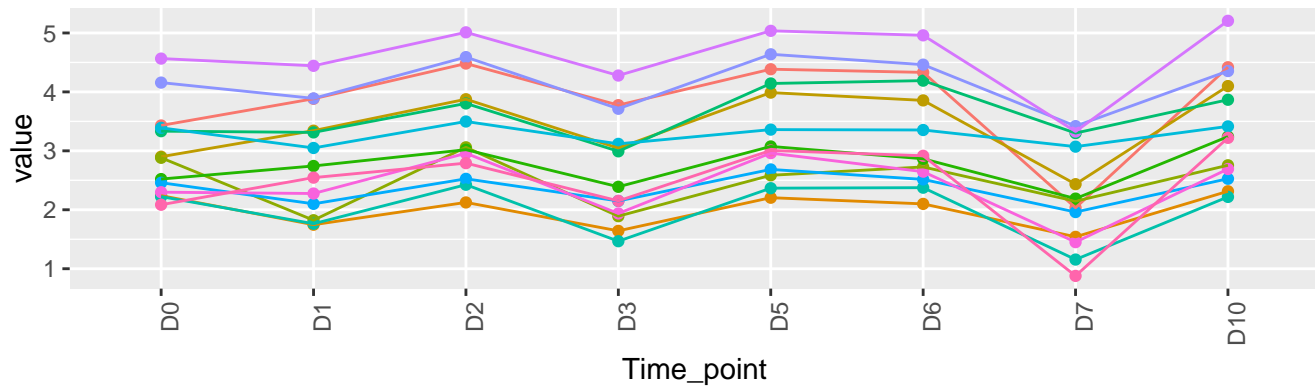
18 genes – KO-cluster-183-original



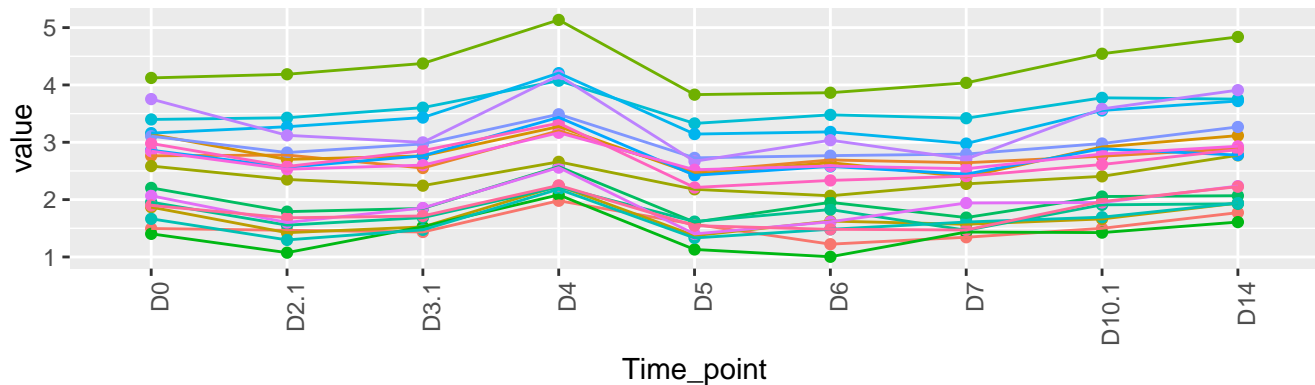
19 genes – WT-cluster-182-original



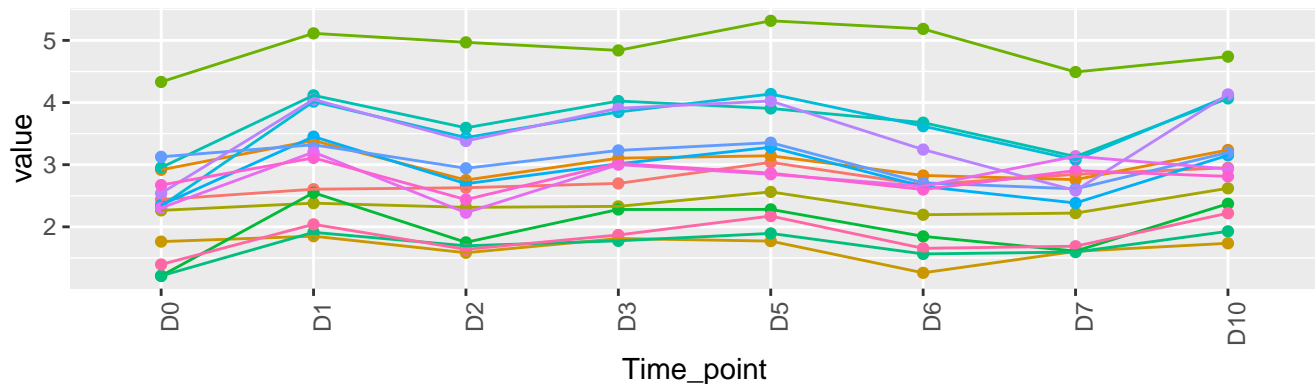
13 genes – KO-cluster-182-original



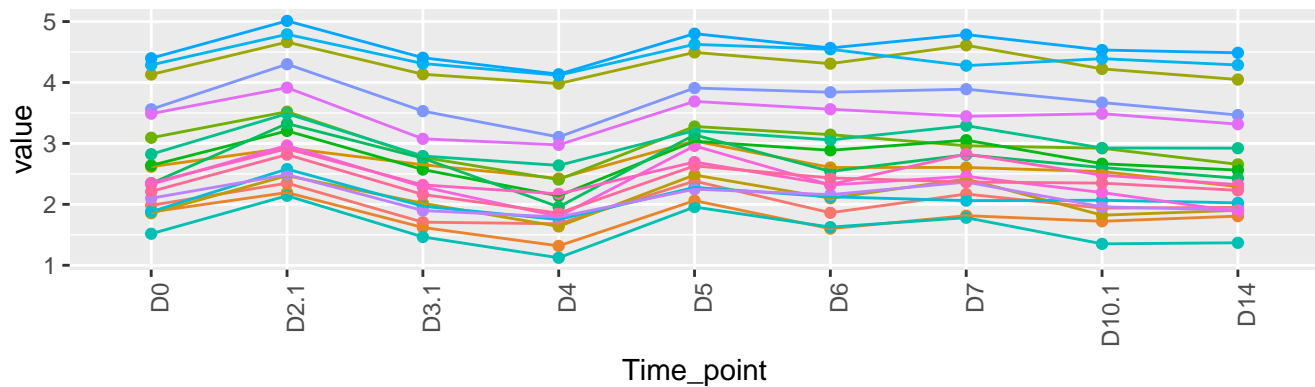
19 genes – WT-cluster-181-original



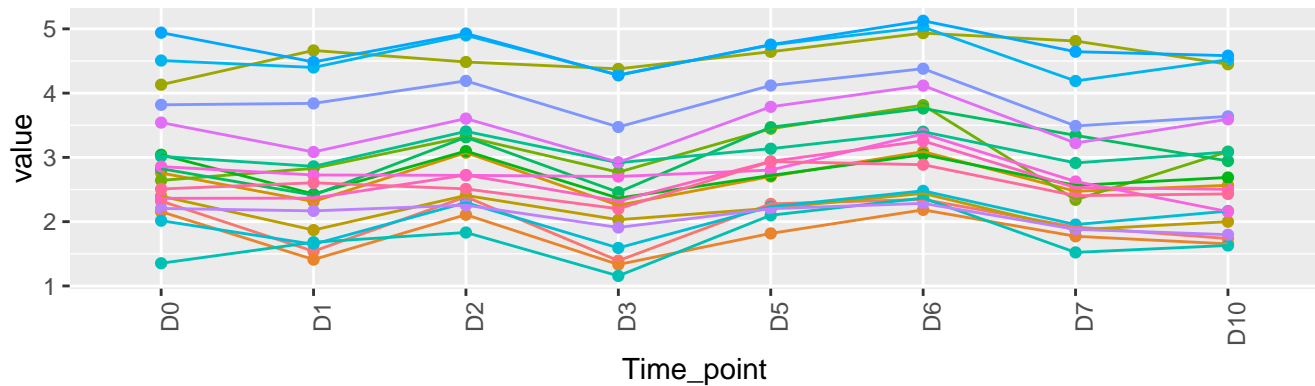
15 genes – KO-cluster-181-original



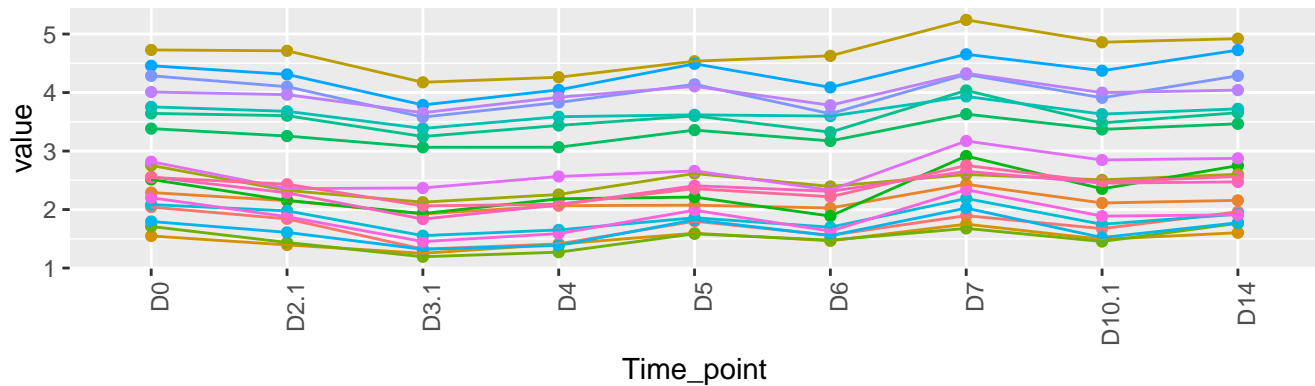
19 genes – WT-cluster-180-original



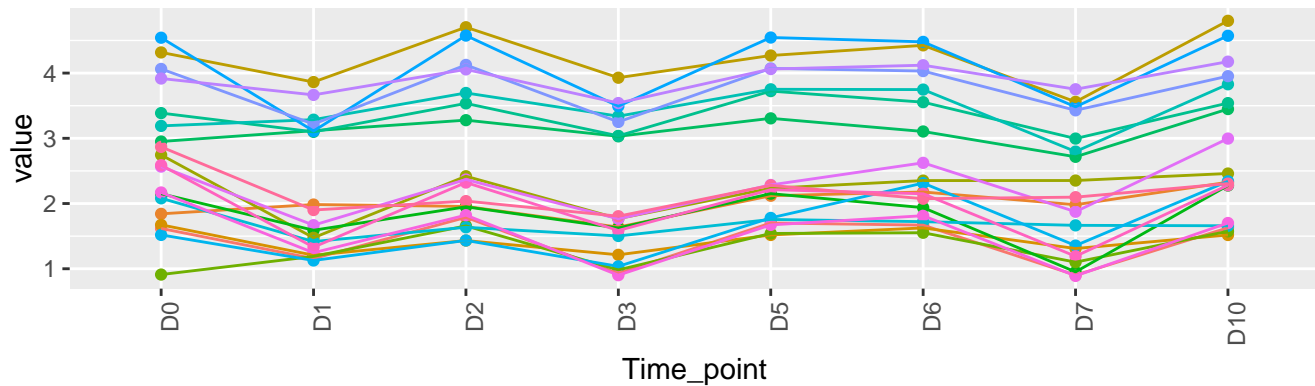
19 genes – KO-cluster-180-original



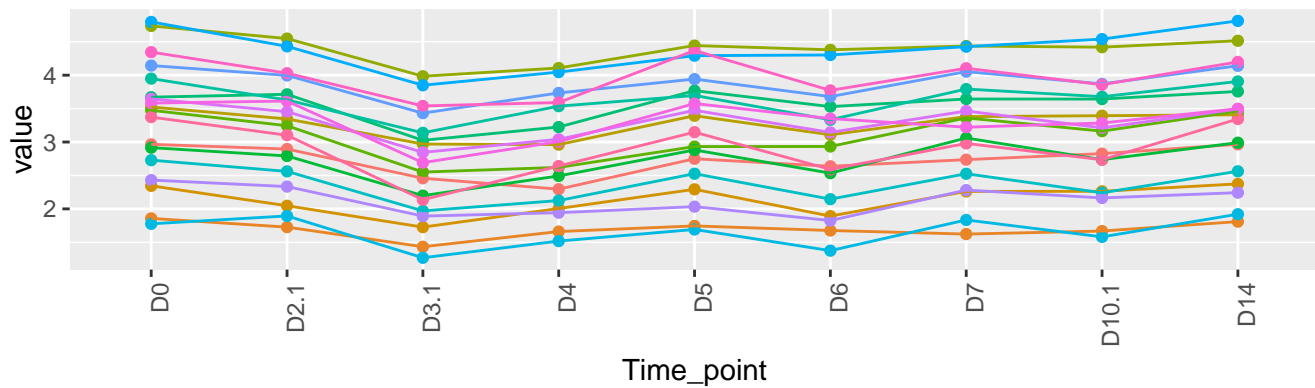
19 genes – WT-cluster-179-original



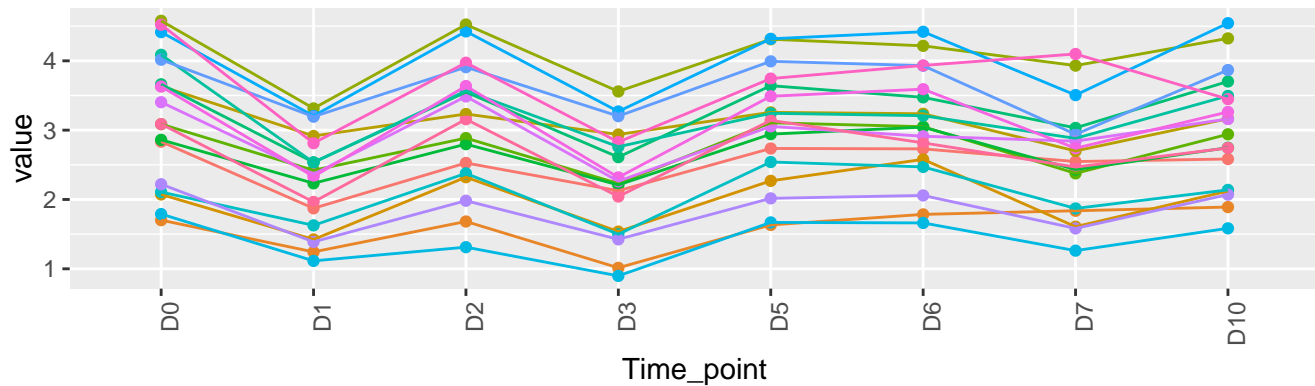
19 genes – KO-cluster-179-original



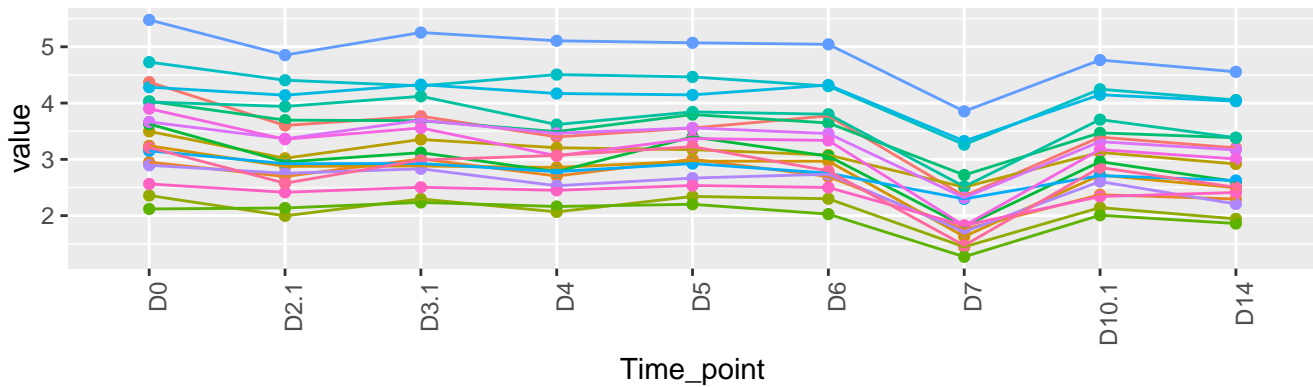
18 genes – WT-cluster-178-original



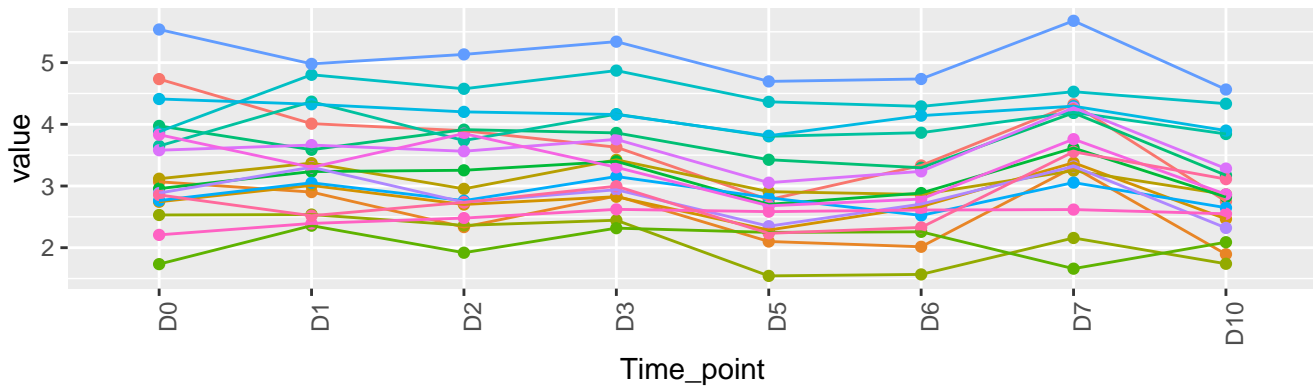
18 genes – KO-cluster-178-original



18 genes – WT-cluster-177-original

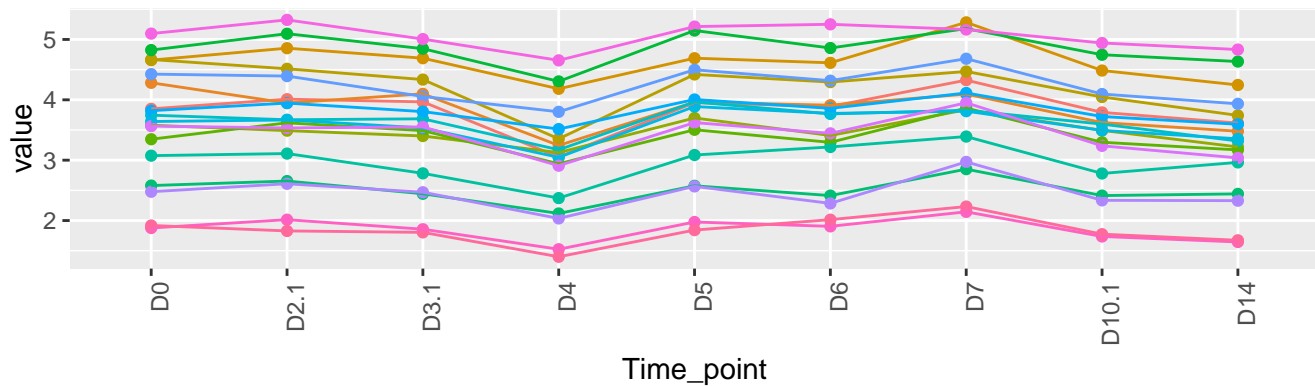


18 genes – KO-cluster-177-original

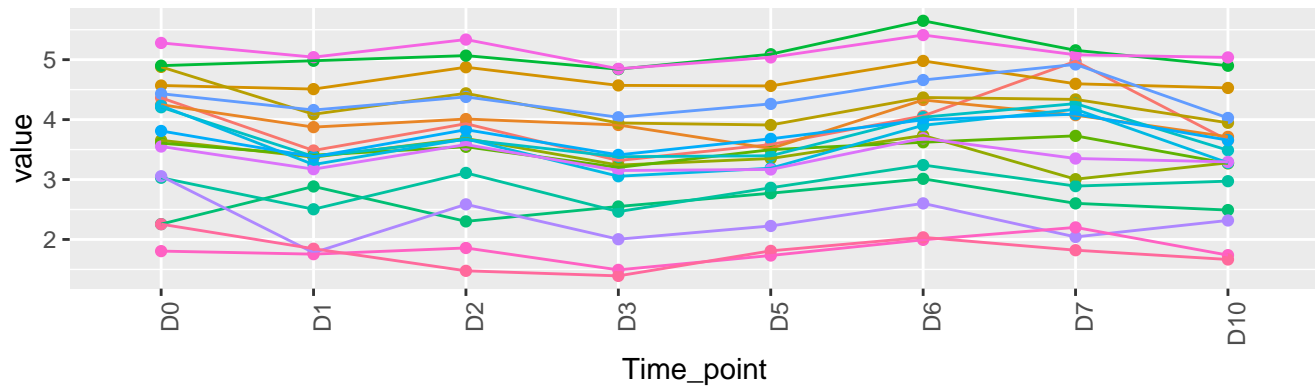




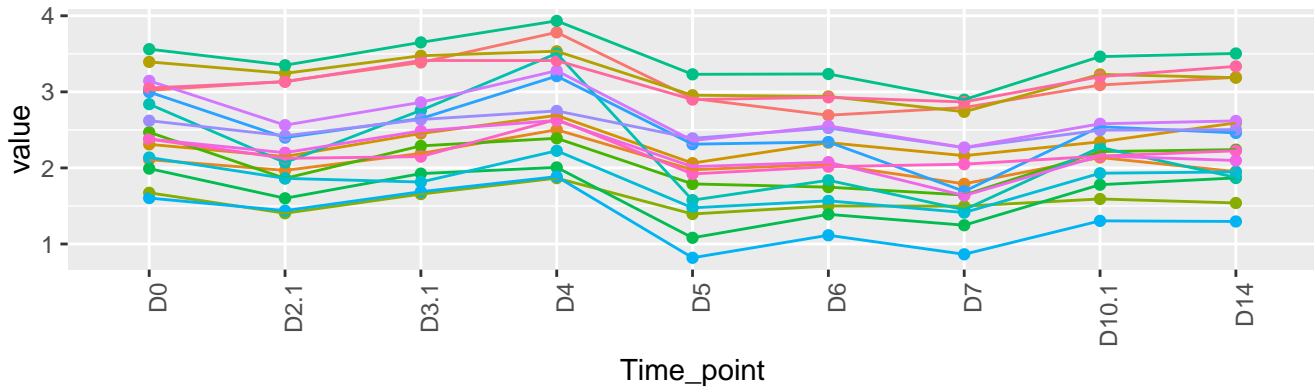
18 genes – WT-cluster-176-original



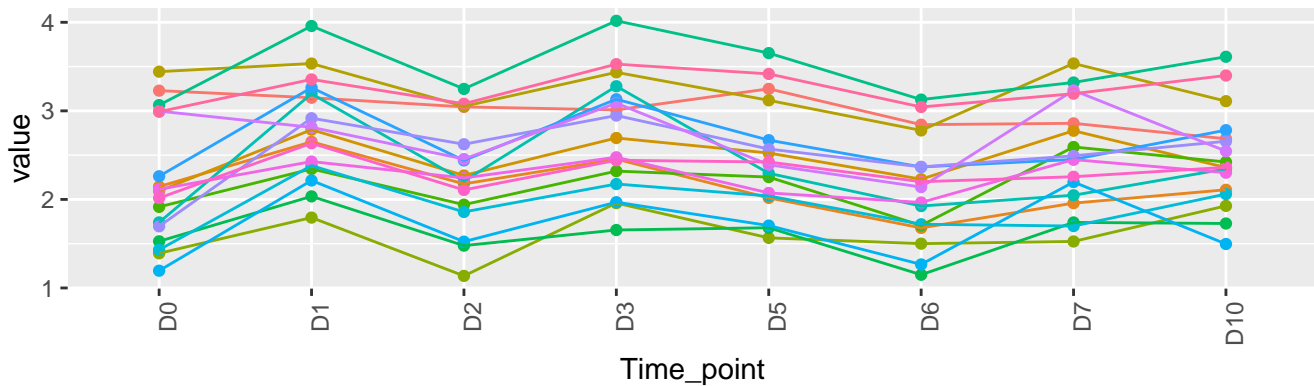
18 genes – KO-cluster-176-original



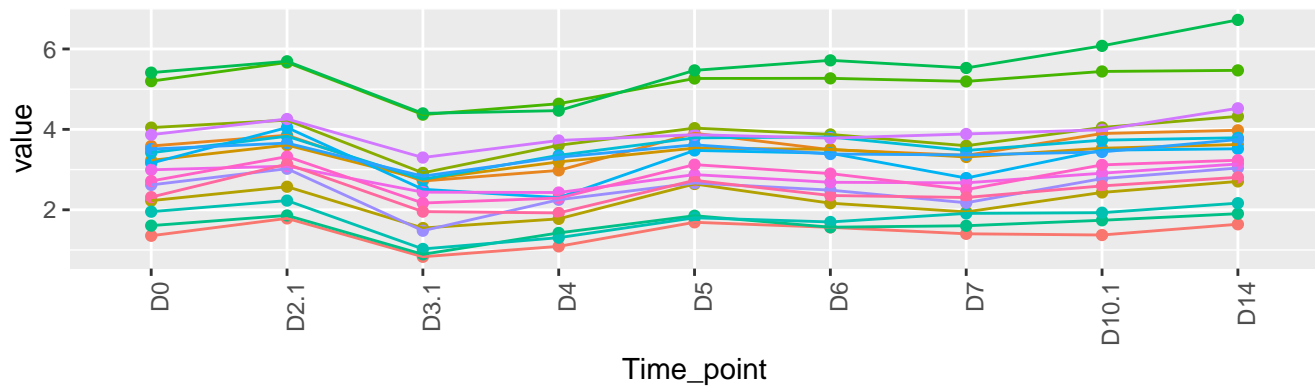
17 genes – WT-cluster-175-original



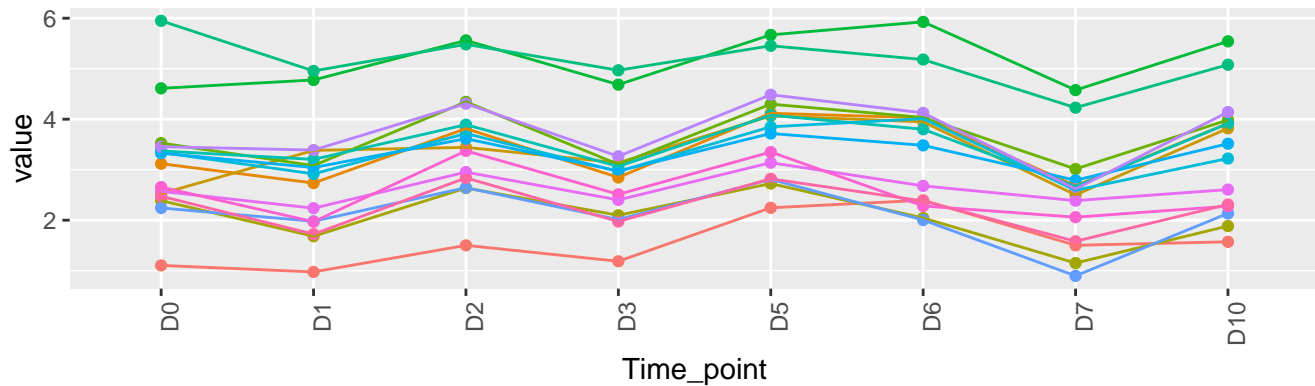
17 genes – KO-cluster-175-original



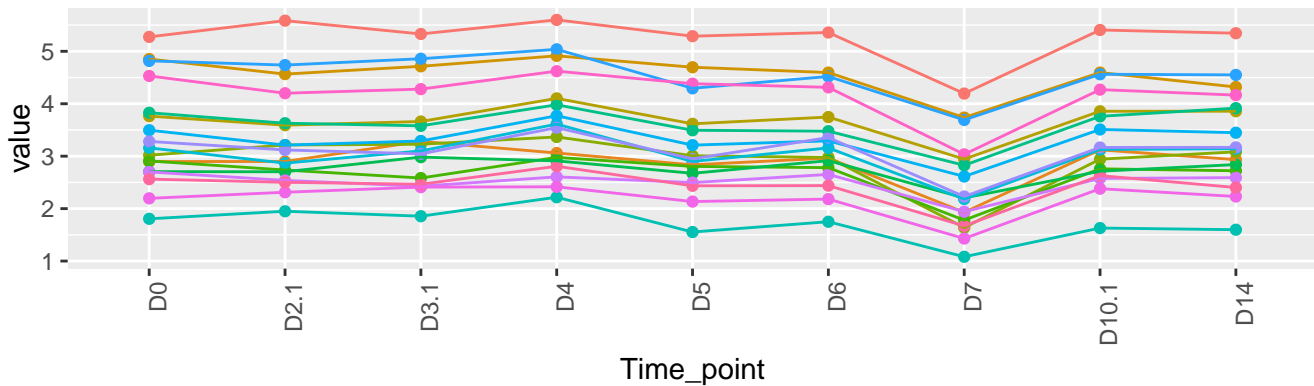
17 genes – WT-cluster-174-original



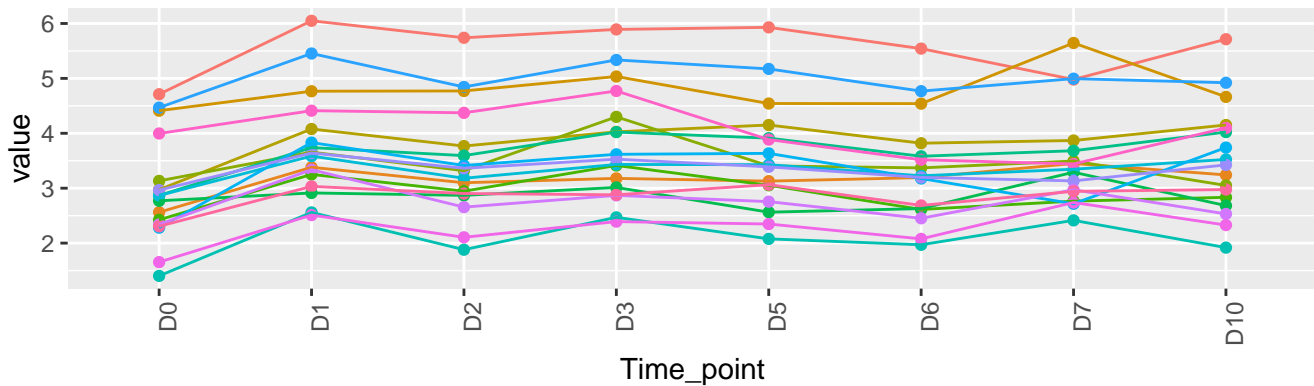
15 genes – KO-cluster-174-original



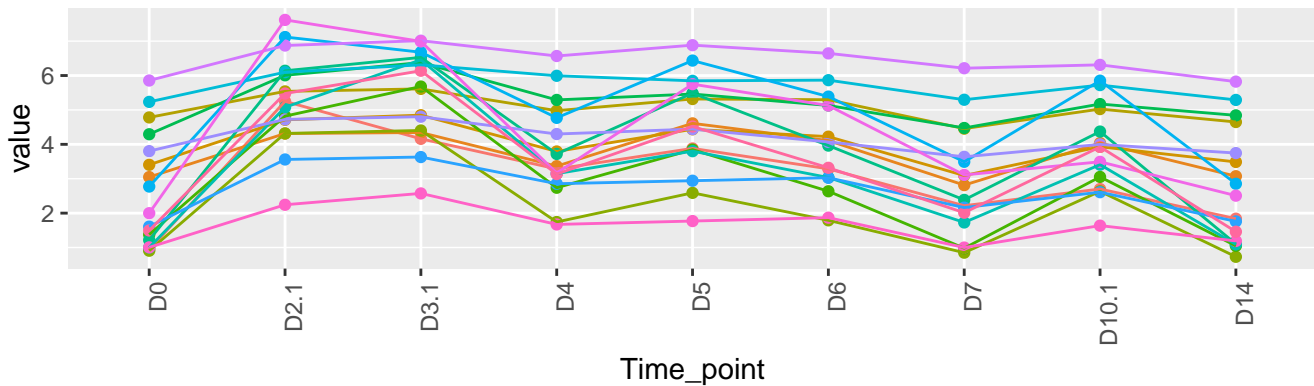
17 genes – WT-cluster-173-original



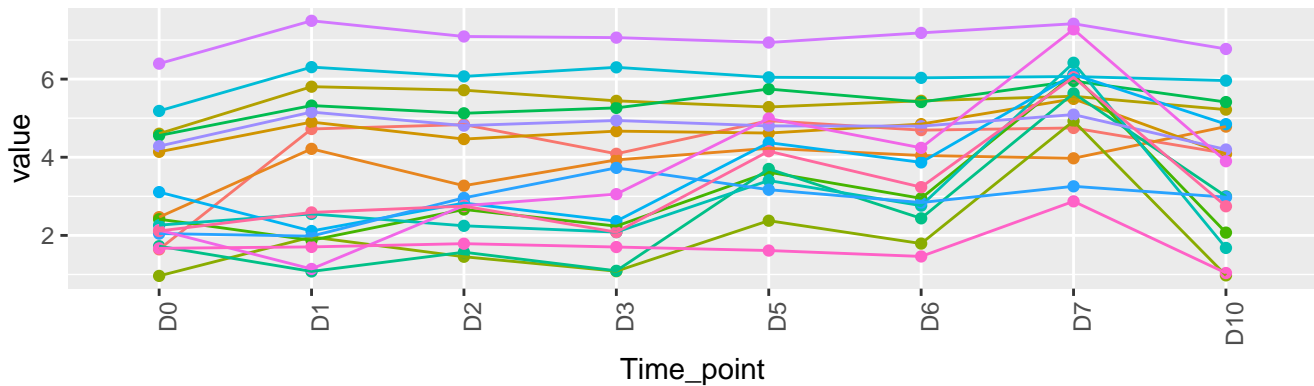
17 genes – KO-cluster-173-original



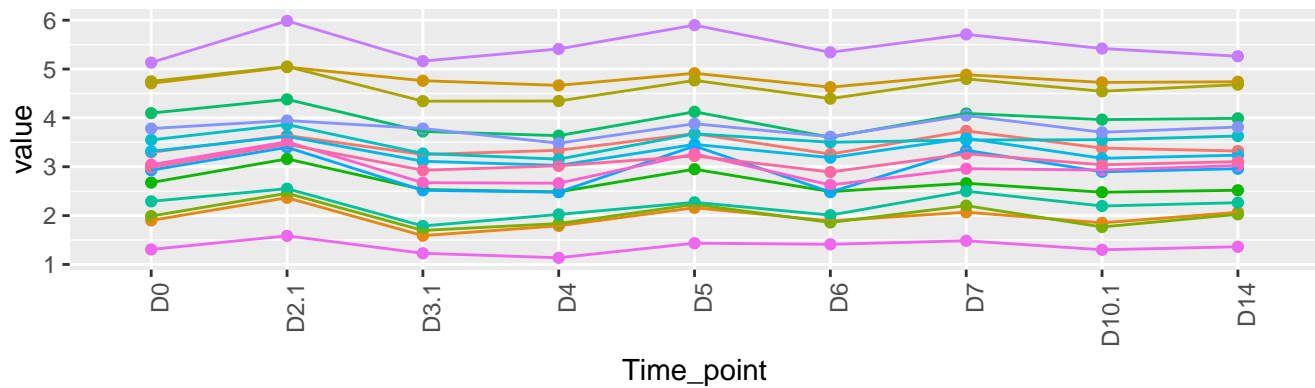
17 genes – WT-cluster-172-original



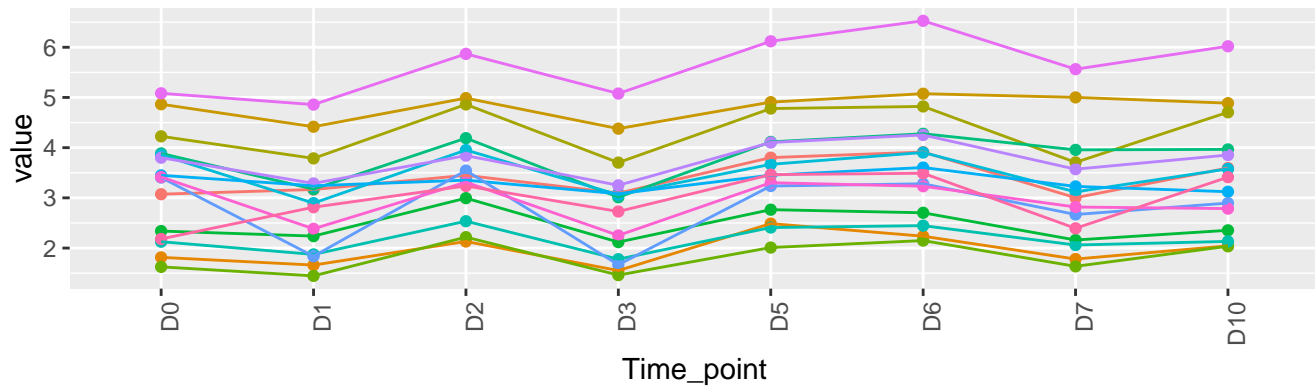
17 genes – KO-cluster-172-original



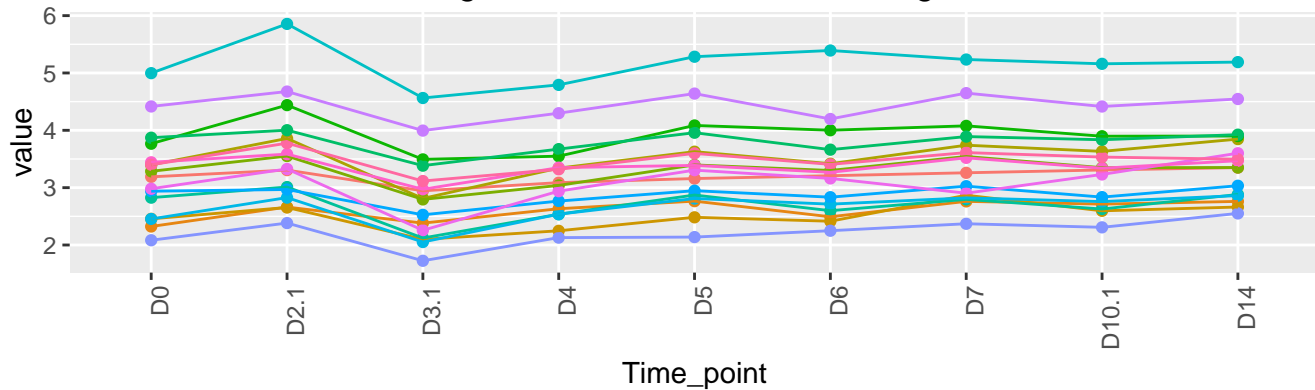
16 genes – WT-cluster-171-original



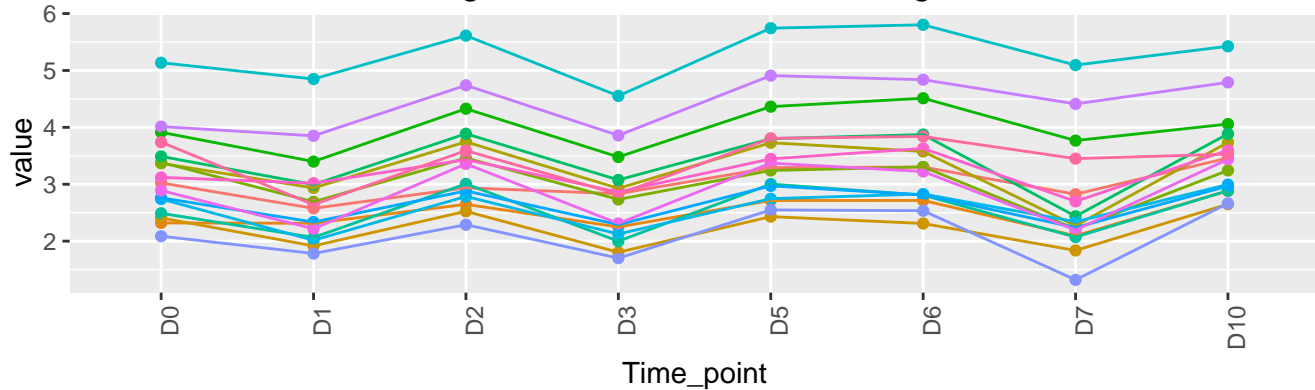
15 genes – KO-cluster-171-original



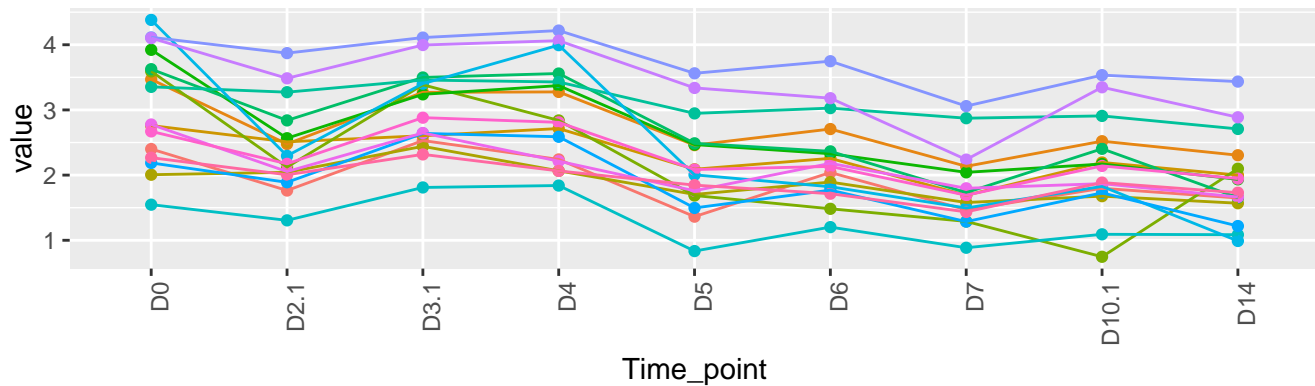
16 genes – WT-cluster-170-original



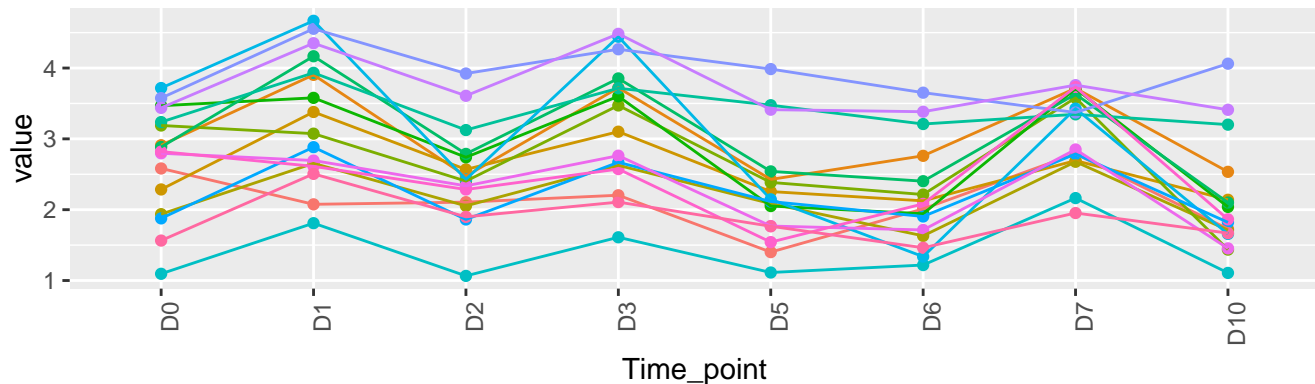
16 genes – KO-cluster-170-original



16 genes – WT-cluster-169-original

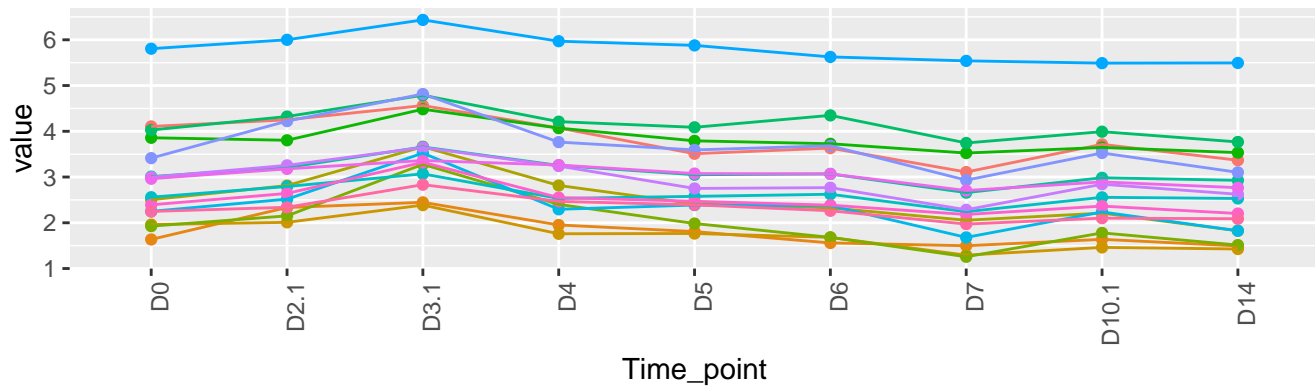


16 genes – KO-cluster-169-original

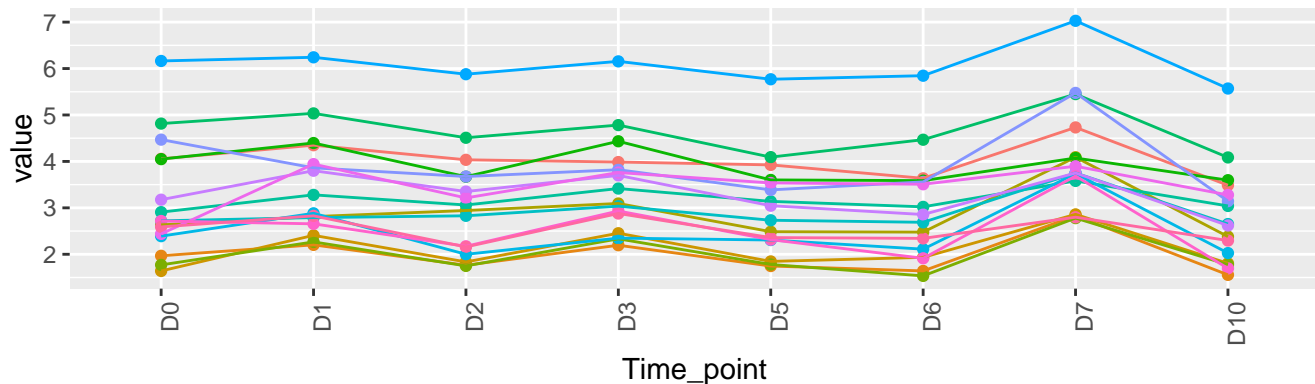




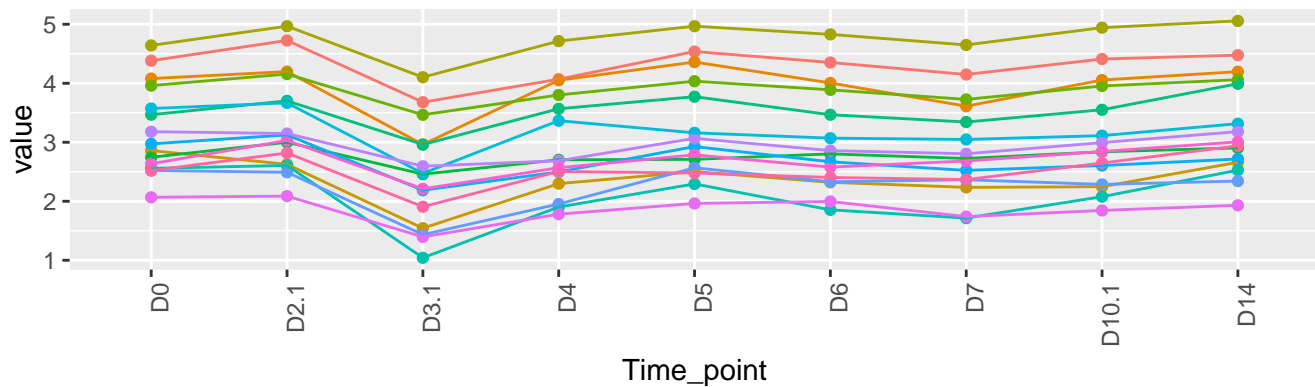
16 genes – WT-cluster-168-original



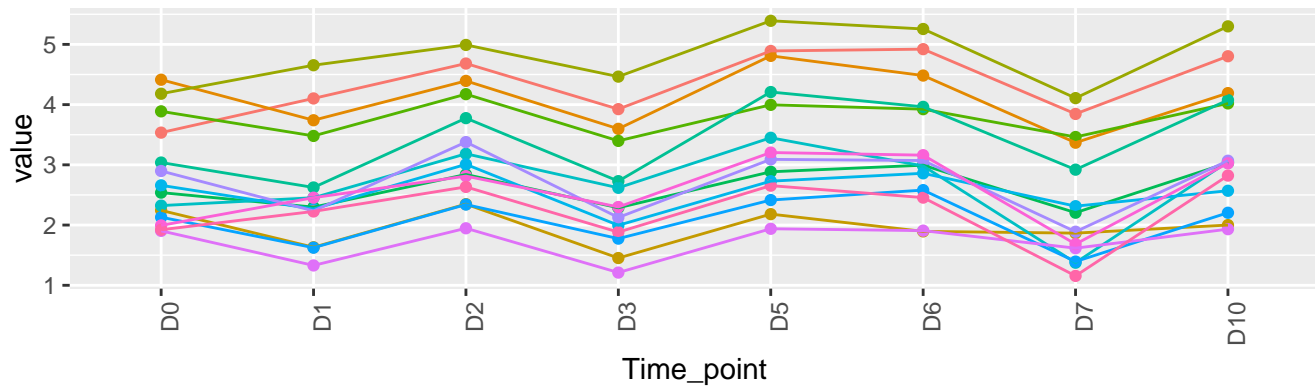
16 genes – KO-cluster-168-original



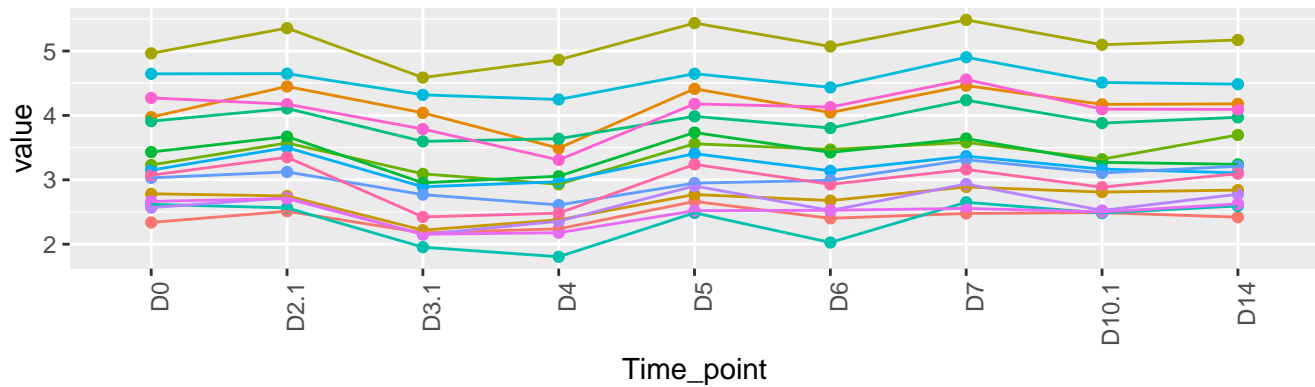
15 genes – WT-cluster-167-original



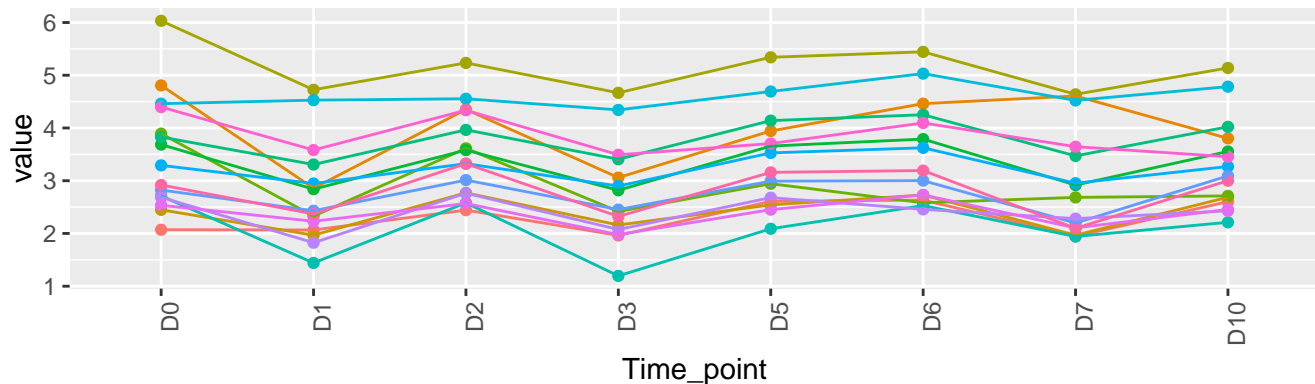
14 genes – KO-cluster-167-original



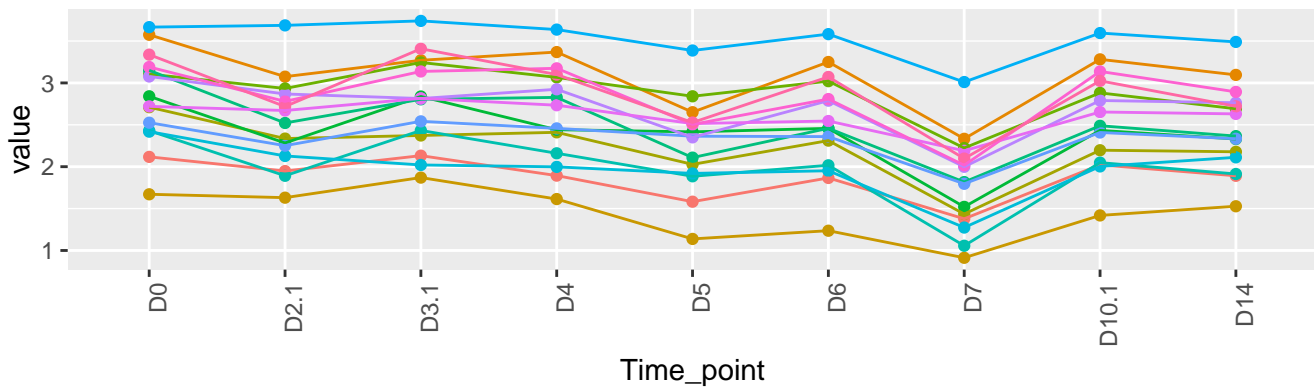
15 genes – WT-cluster-166-original



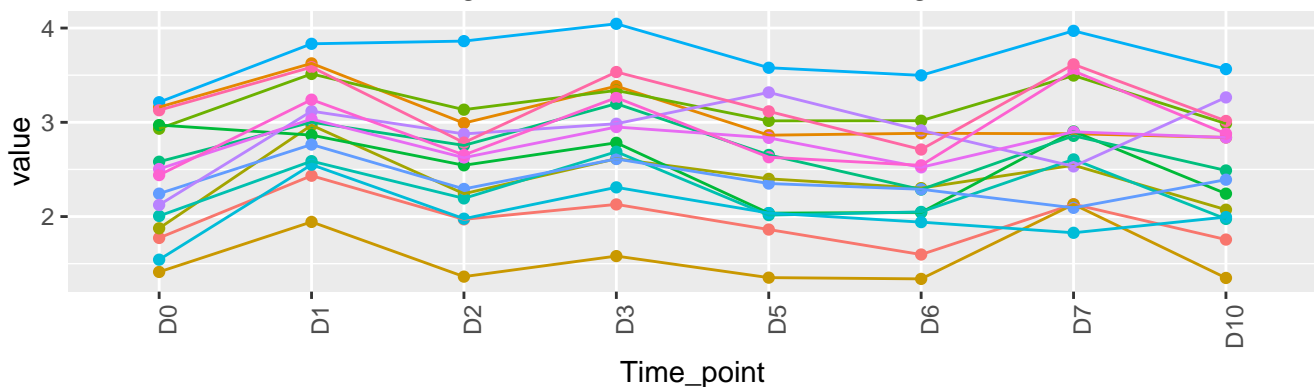
15 genes – KO-cluster-166-original



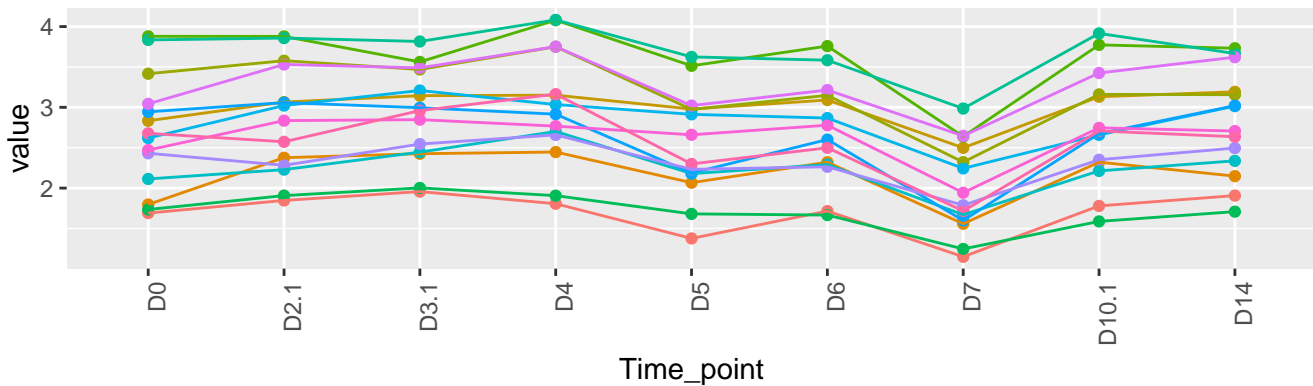
15 genes – WT-cluster-165-original



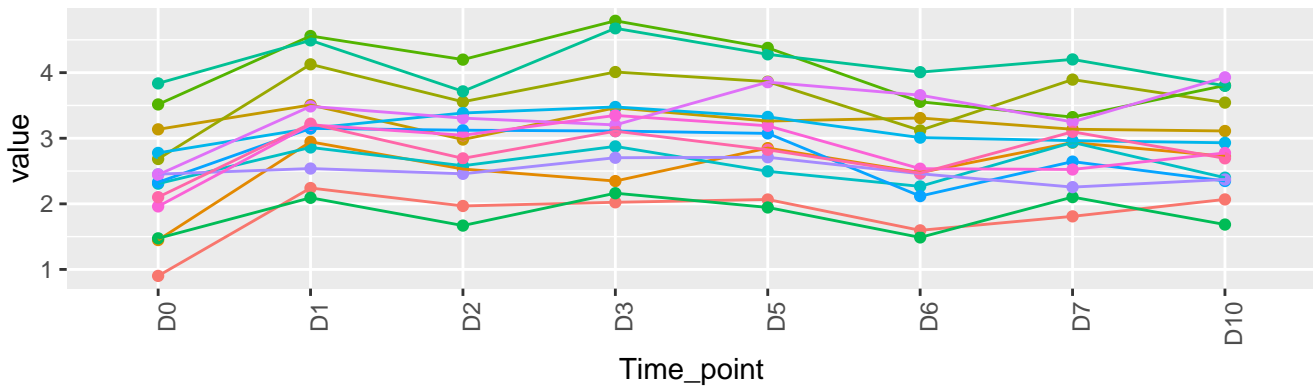
15 genes – KO-cluster-165-original



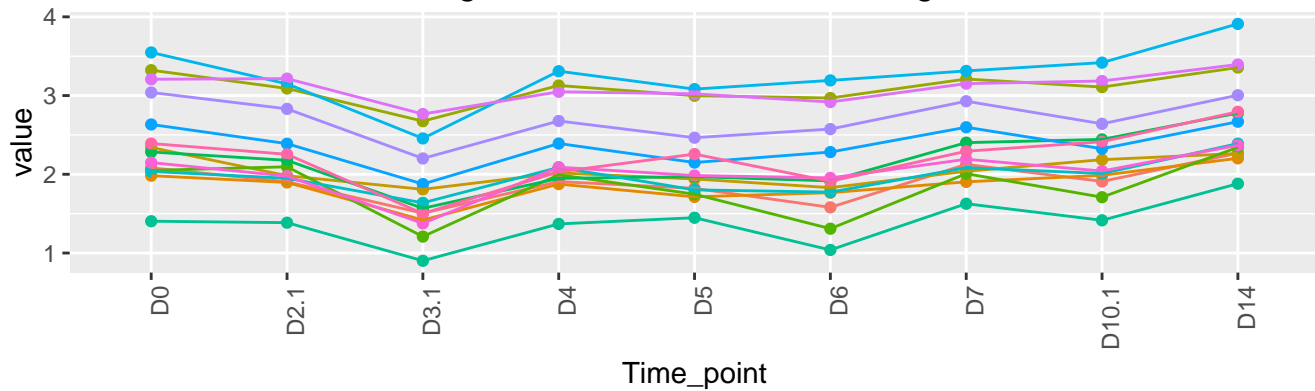
14 genes – WT-cluster-164-original



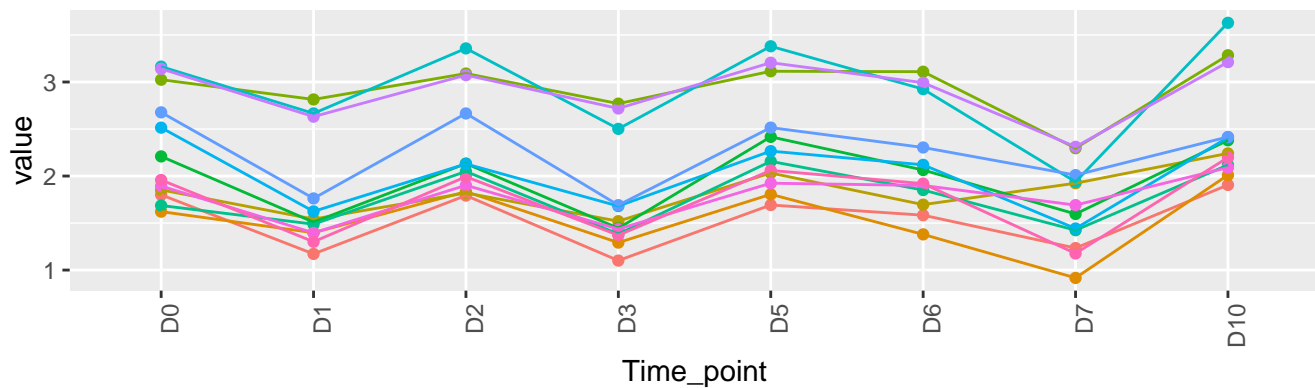
14 genes – KO-cluster-164-original



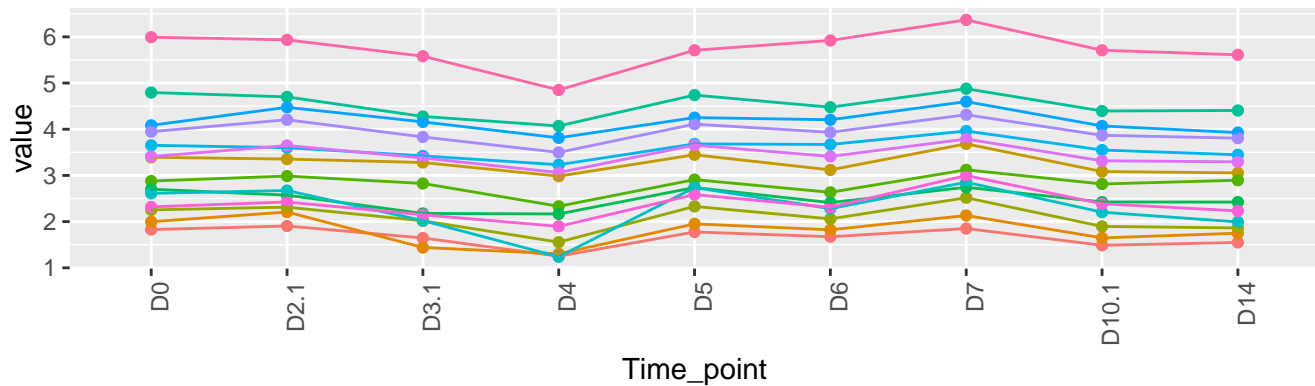
14 genes – WT-cluster-163-original



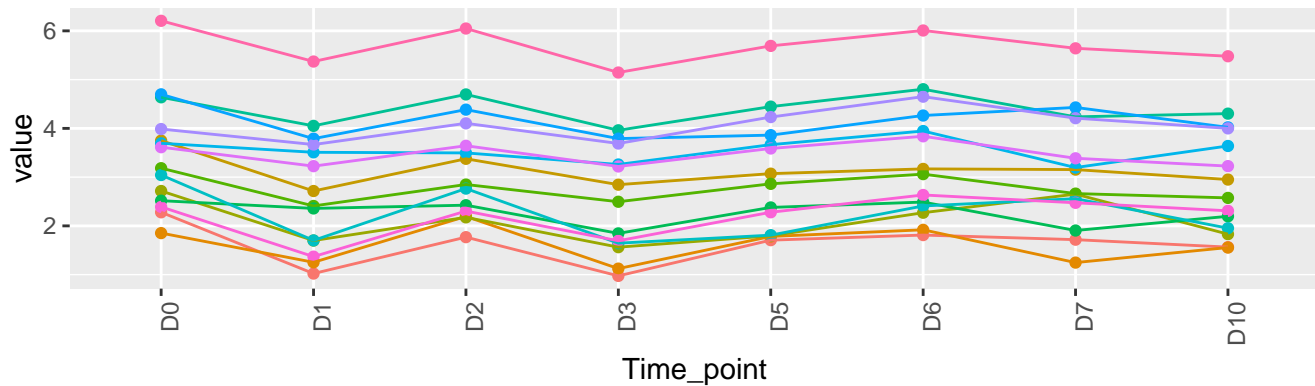
12 genes – KO-cluster-163-original



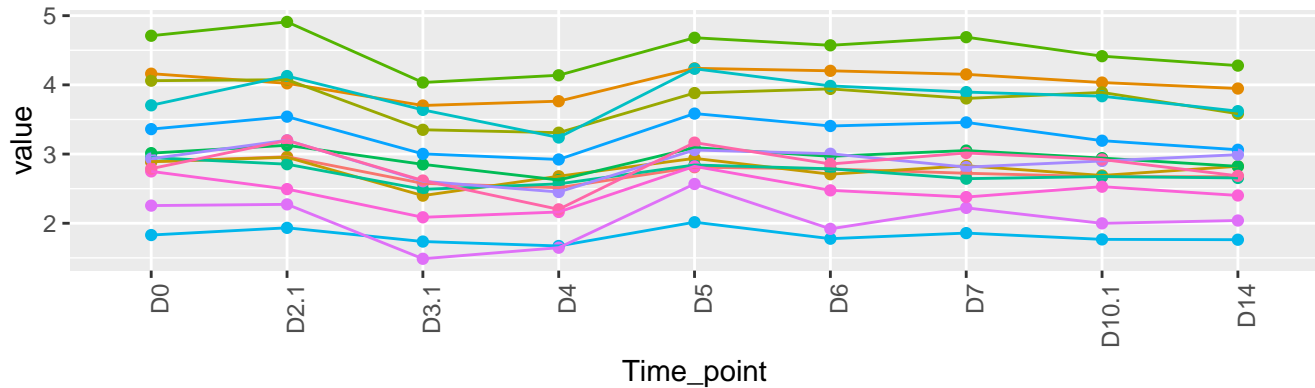
14 genes – WT-cluster-162-original



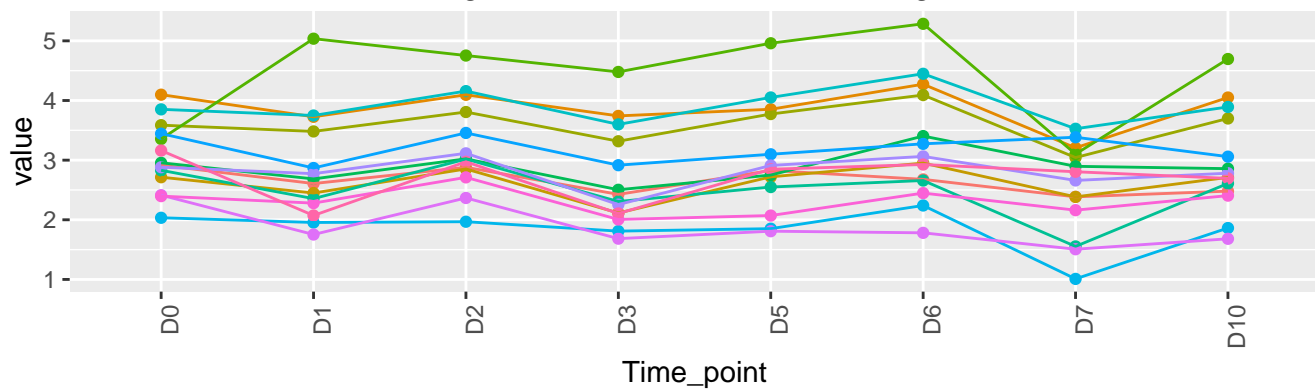
14 genes – KO-cluster-162-original



14 genes – WT-cluster-161-original

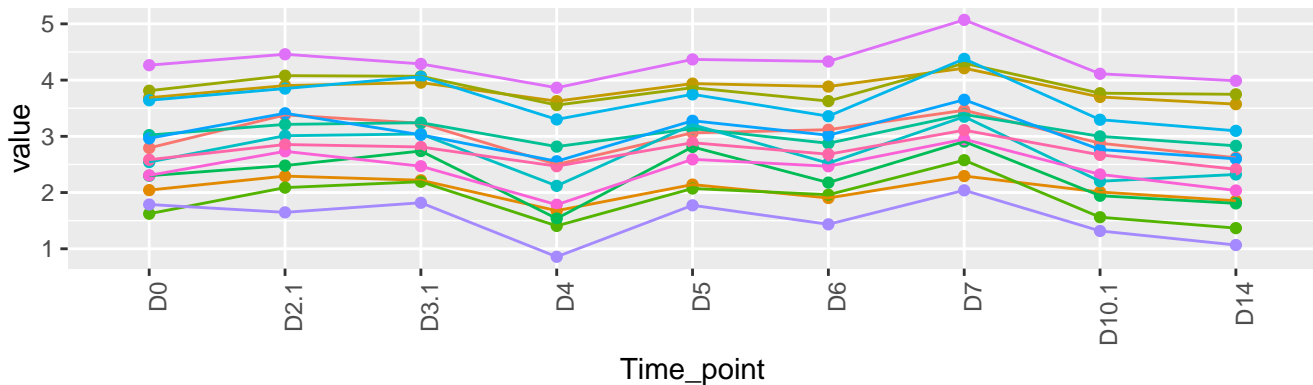


14 genes – KO-cluster-161-original

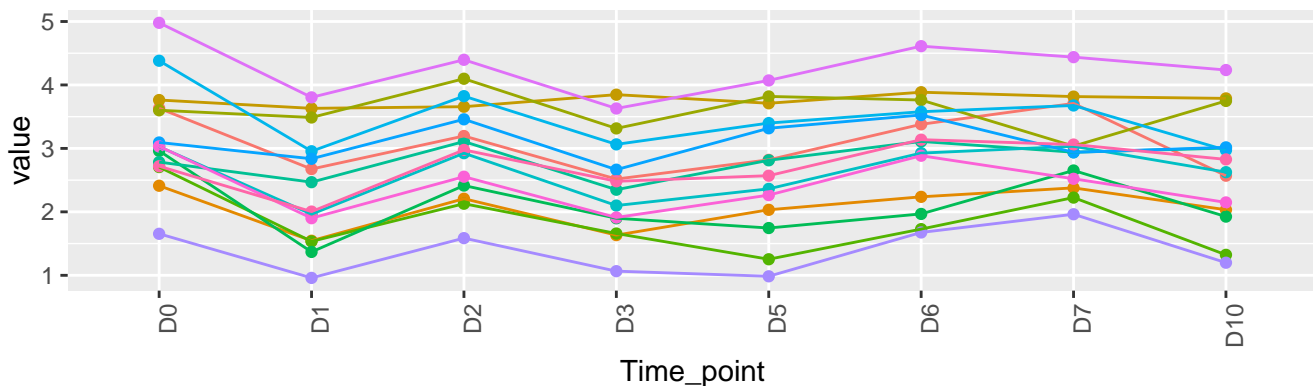




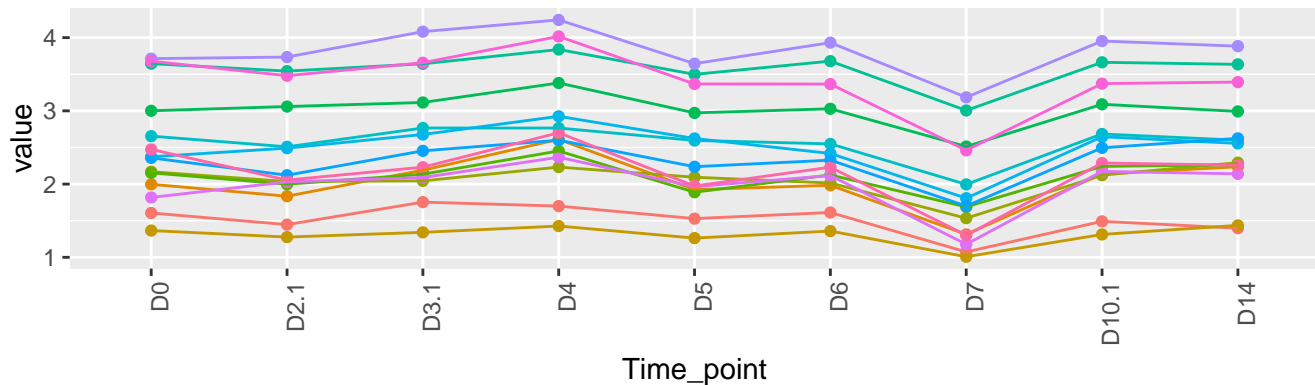
14 genes – WT-cluster-160-original



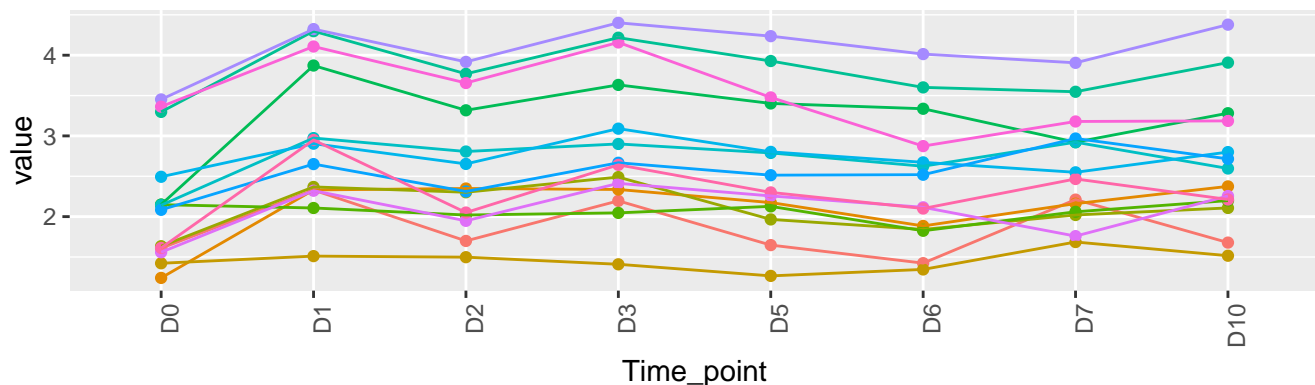
14 genes – KO-cluster-160-original



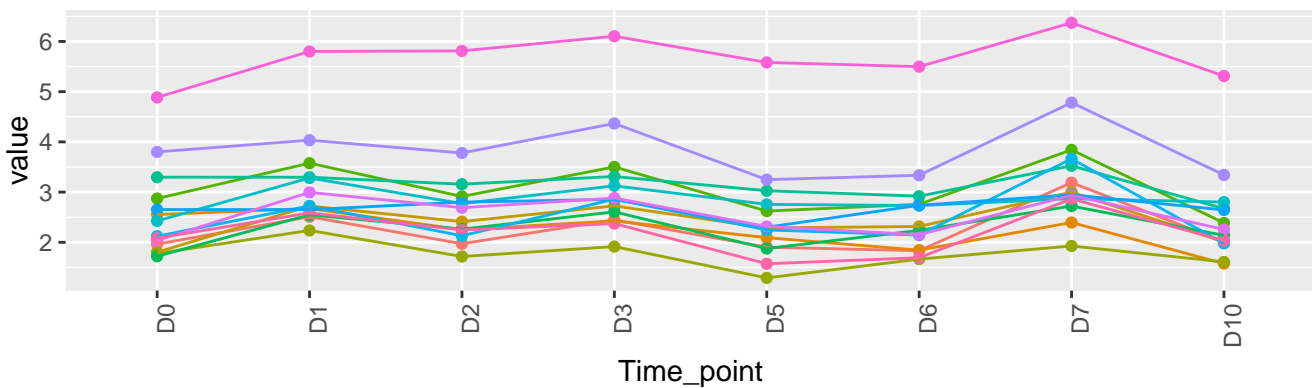
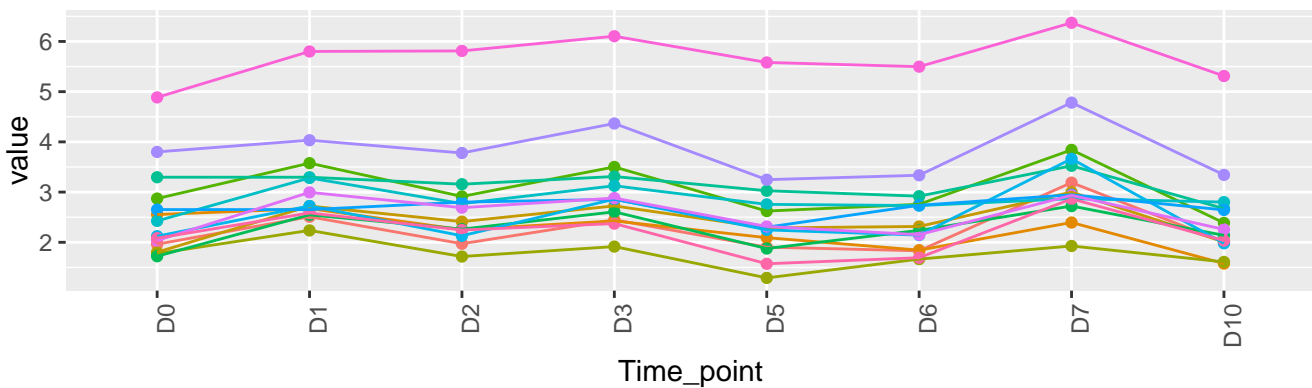
14 genes – WT-cluster-159-original



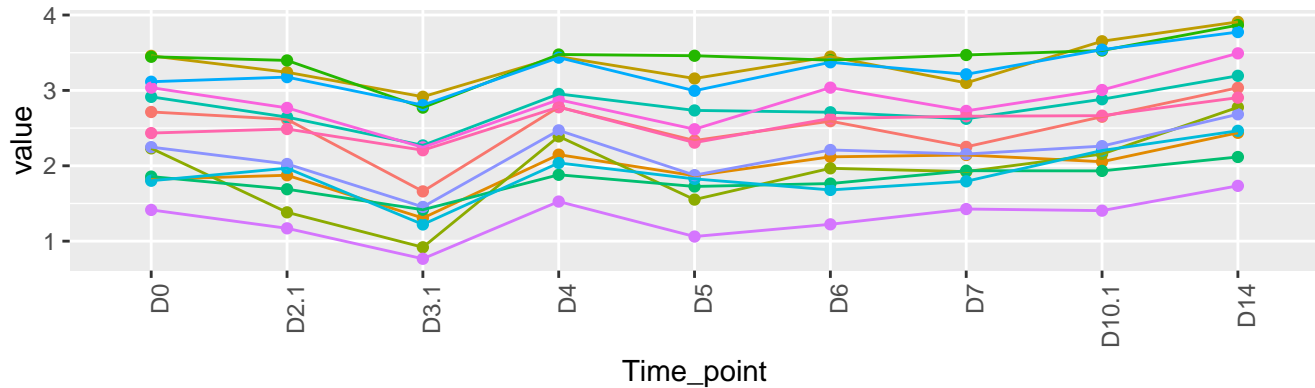
14 genes – KO-cluster-159-original



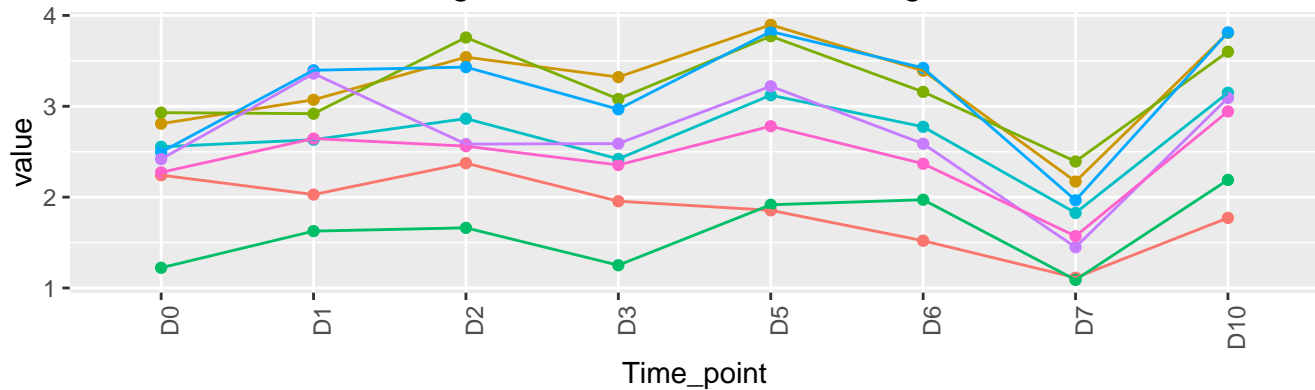
The graph displays the evolution of 10 metrics over time. The metrics are represented by different colored lines: pink, purple, green, blue, orange, red, brown, olive, light blue, and dark blue. The x-axis shows time points D0, D2.1, D3.1, D4, D5, D6, D7, D10.1, and D14. The y-axis ranges from 0 to 100. The pink line starts at 100 and generally decreases, with a sharp drop at D7. The purple line starts at approximately 85 and fluctuates. The green line starts at approximately 75 and fluctuates. The blue line starts at approximately 70 and fluctuates. The orange line starts at approximately 65 and fluctuates. The red line starts at approximately 60 and fluctuates. The brown line starts at approximately 55 and fluctuates. The olive line starts at approximately 50 and fluctuates. The light blue line starts at approximately 45 and fluctuates. The dark blue line starts at approximately 40 and fluctuates.



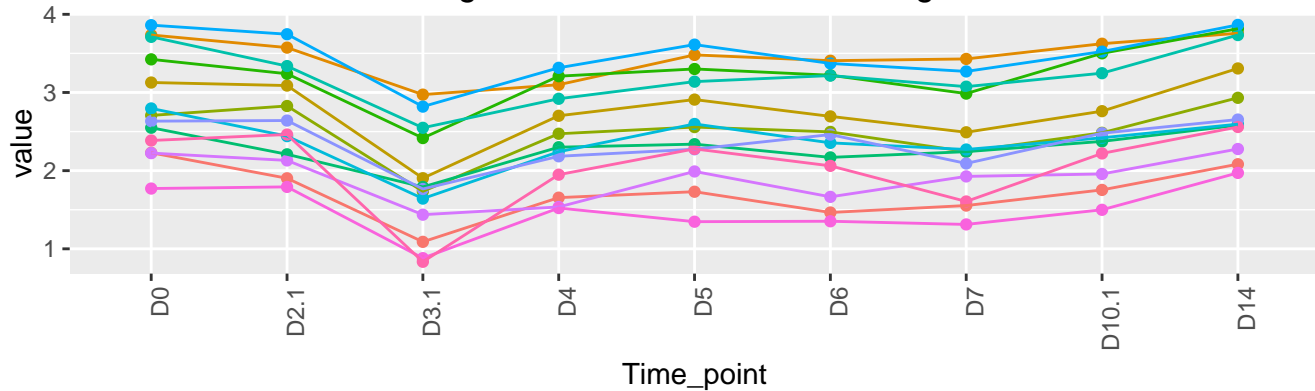
13 genes – WT-cluster-157-original



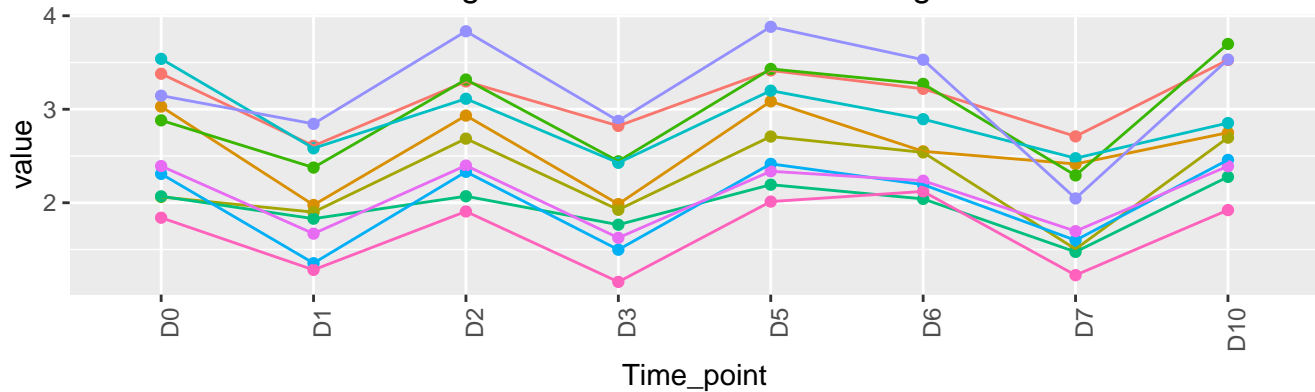
8 genes – KO-cluster-157-original



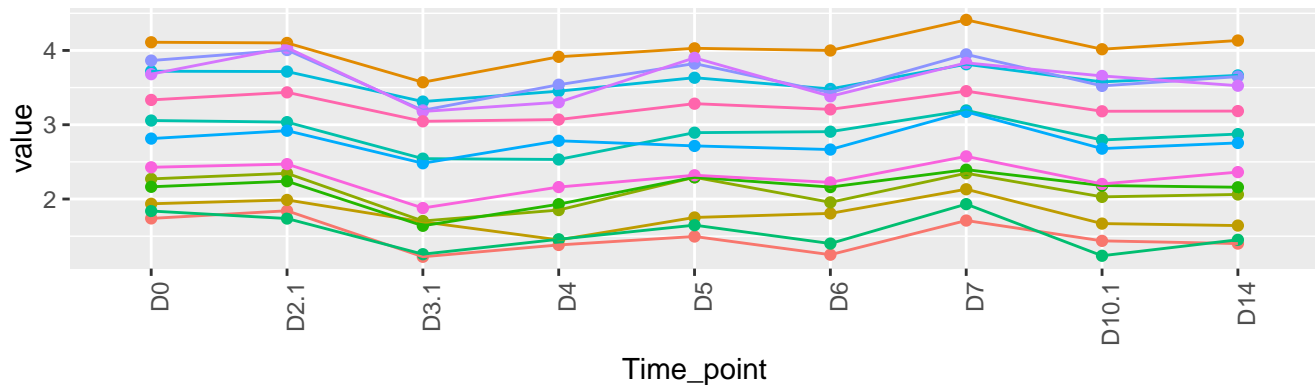
13 genes – WT-cluster-156-original



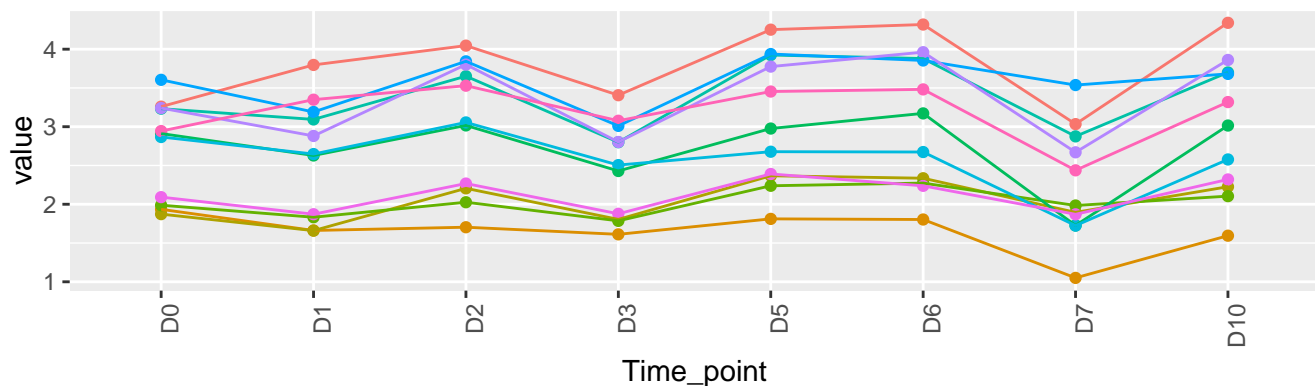
10 genes – KO-cluster-156-original



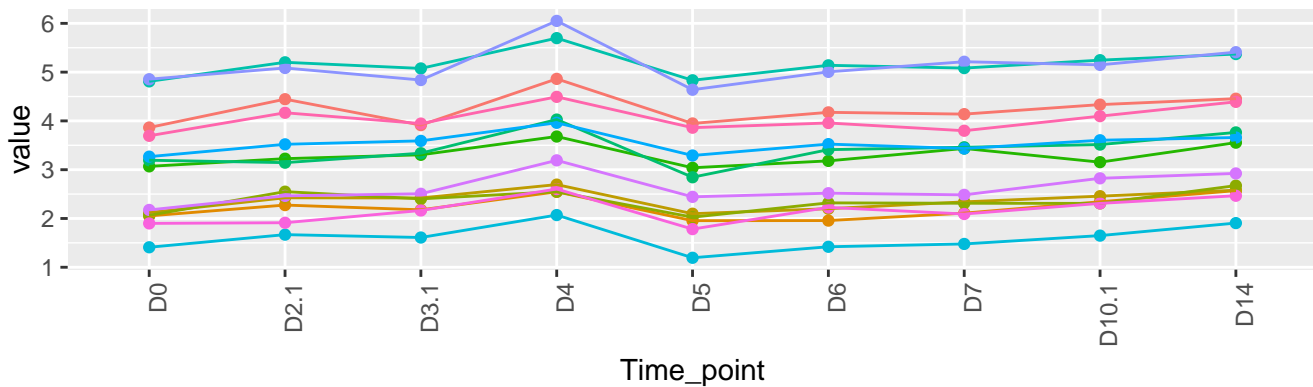
13 genes – WT-cluster-155-original



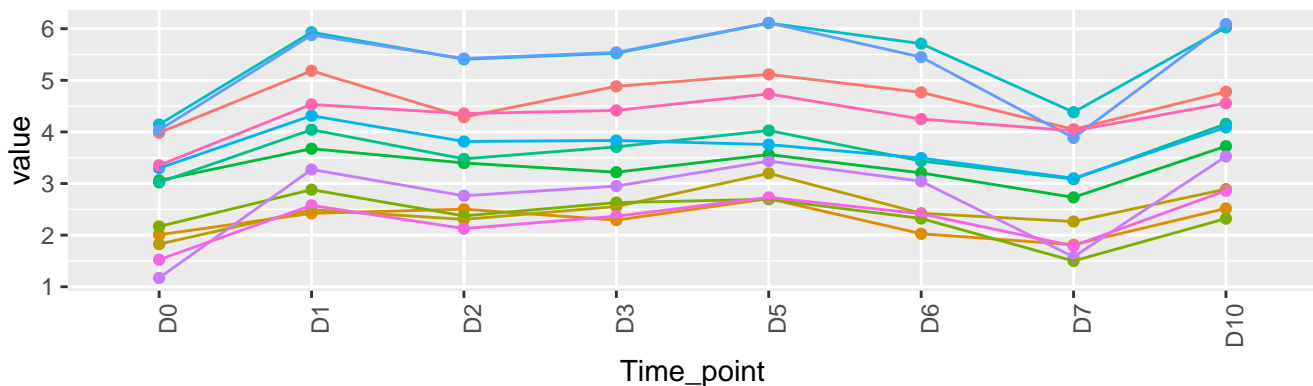
11 genes – KO-cluster-155-original



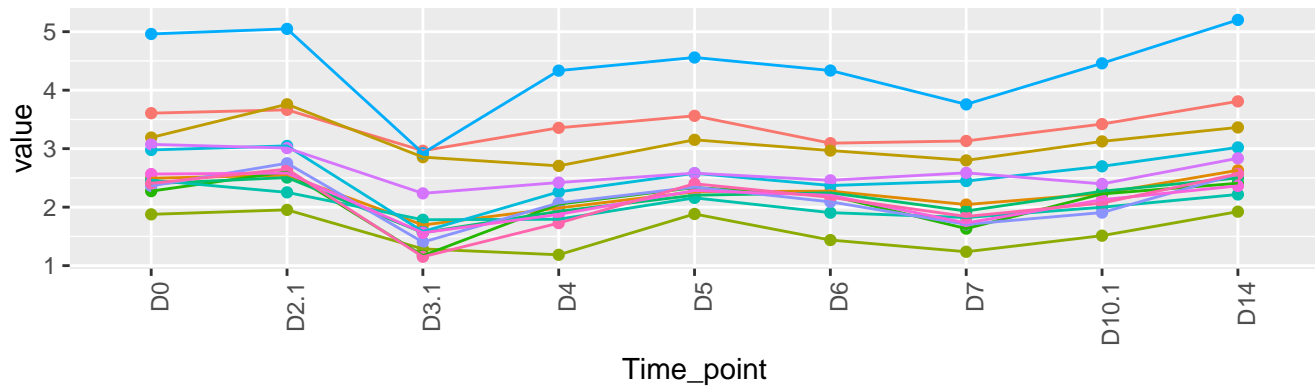
13 genes – WT-cluster-154-original



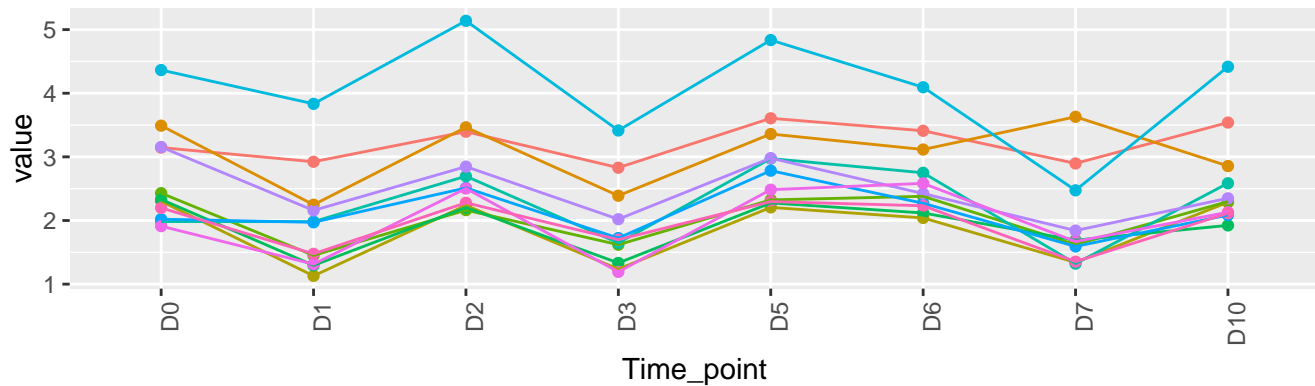
12 genes – KO-cluster-154-original



13 genes – WT-cluster-153-original

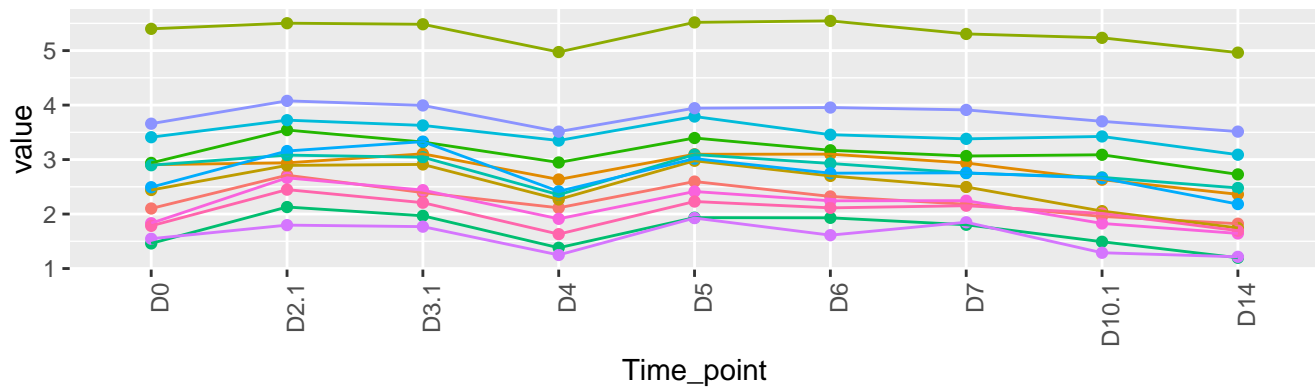


11 genes – KO-cluster-153-original

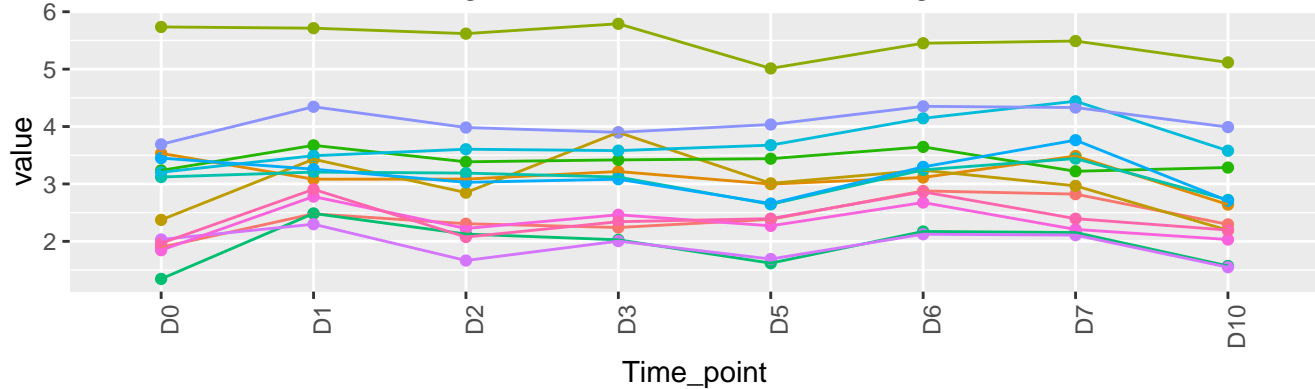




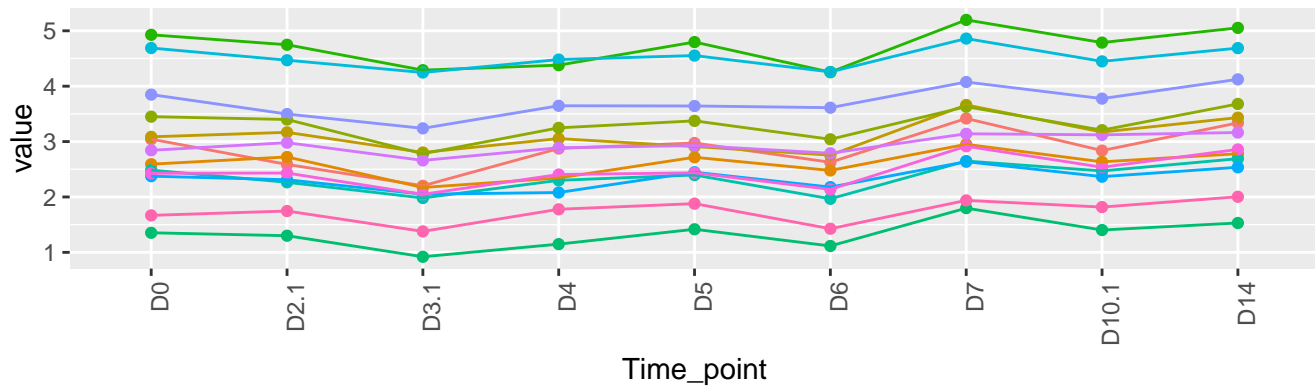
13 genes – WT-cluster-152-original



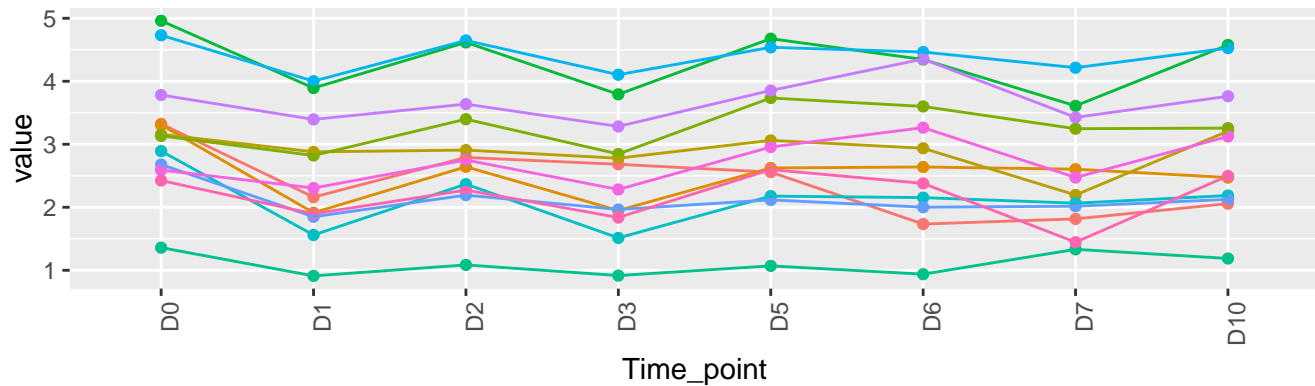
13 genes – KO-cluster-152-original



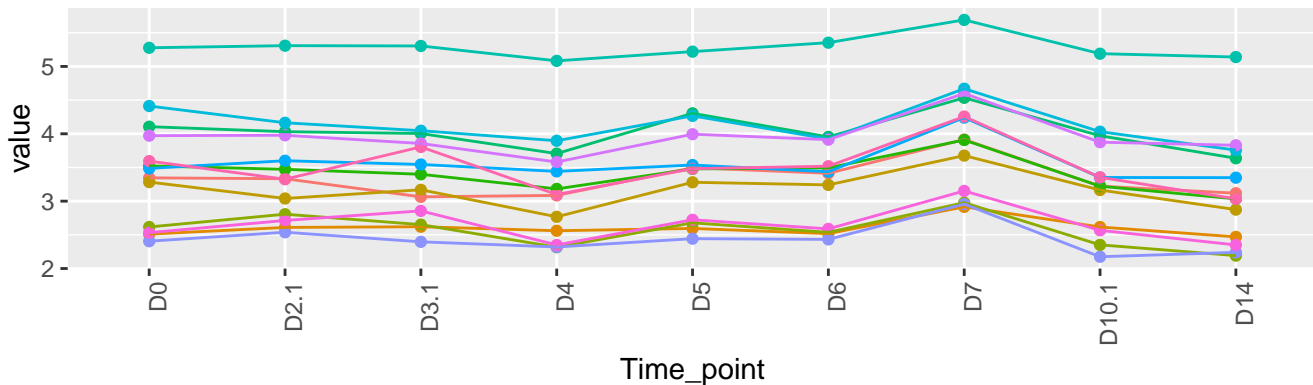
13 genes – WT-cluster-151-original



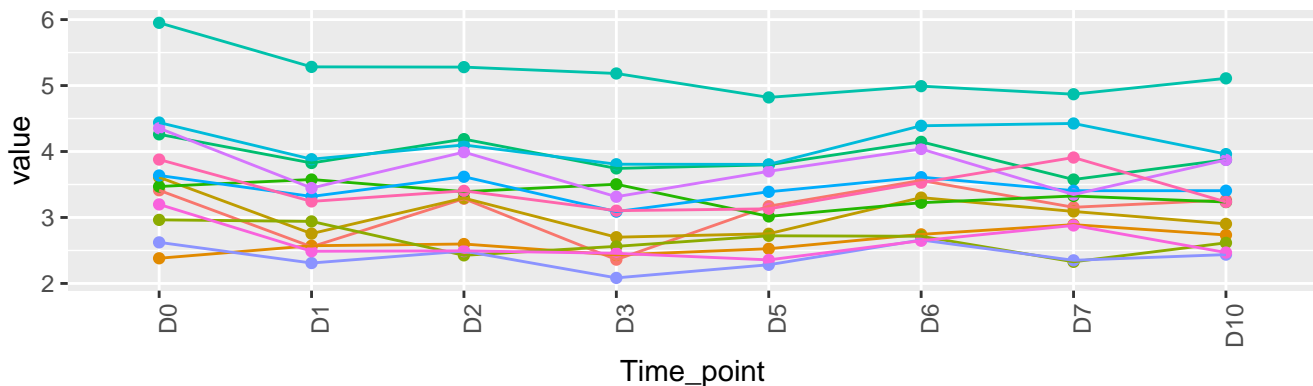
12 genes – KO-cluster-151-original



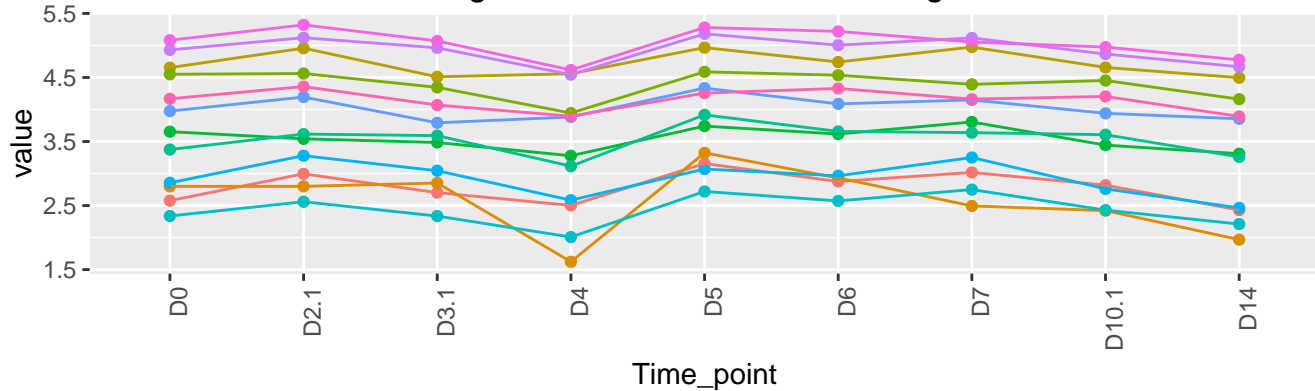
13 genes – WT-cluster-150-original



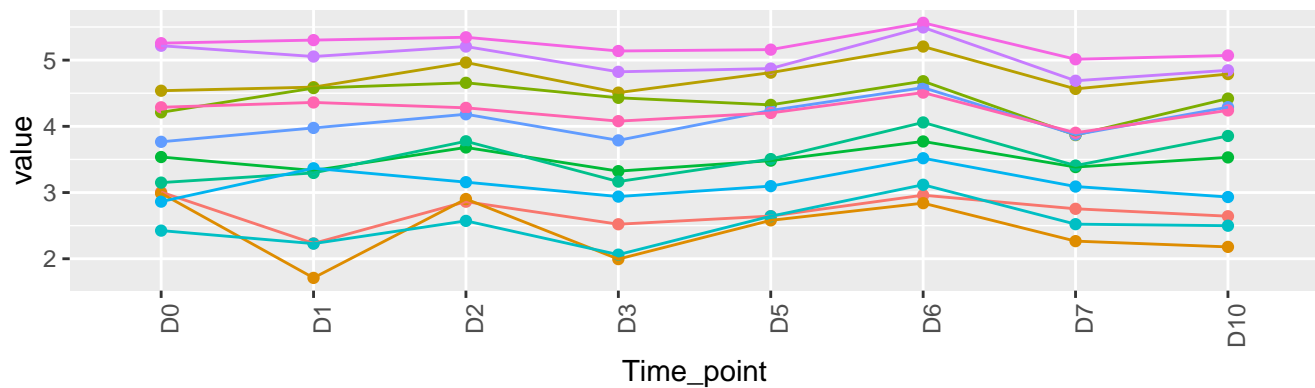
13 genes – KO-cluster-150-original



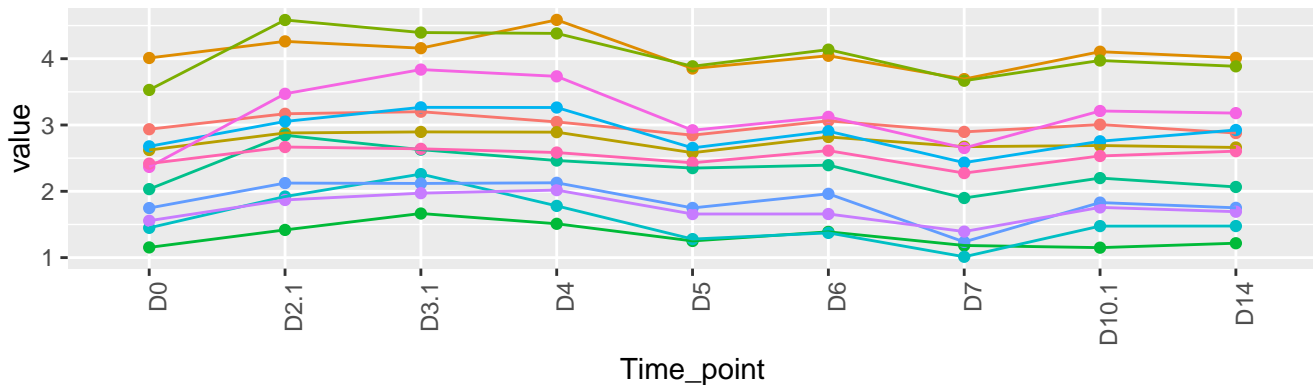
12 genes – WT-cluster-149-original



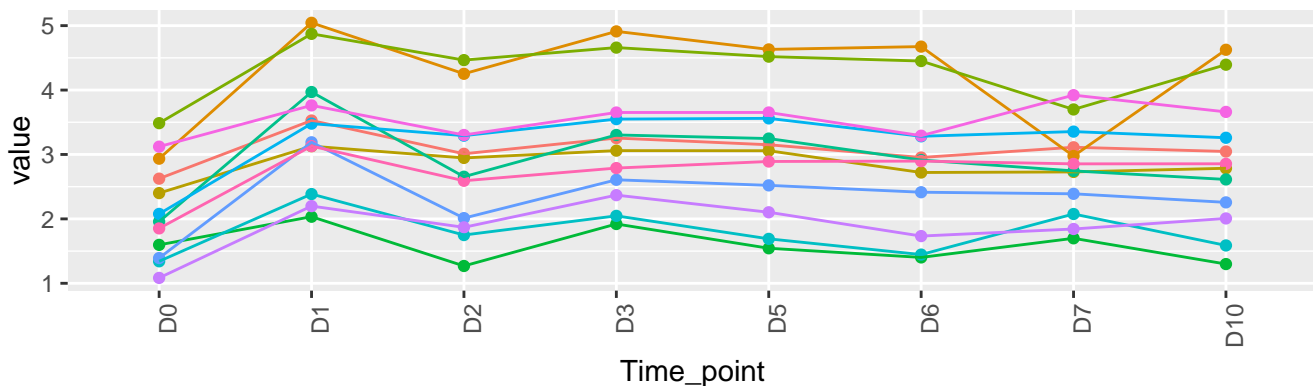
12 genes – KO-cluster-149-original



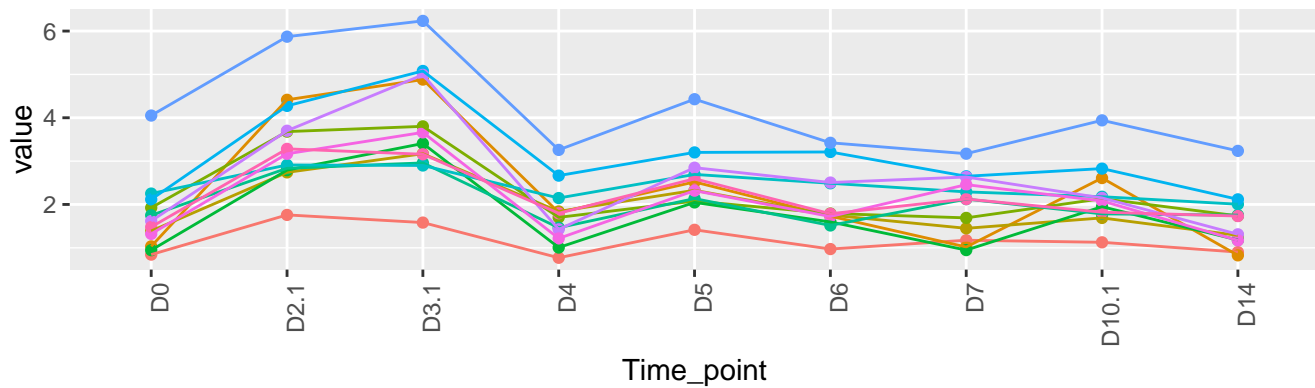
12 genes – WT-cluster-148-original



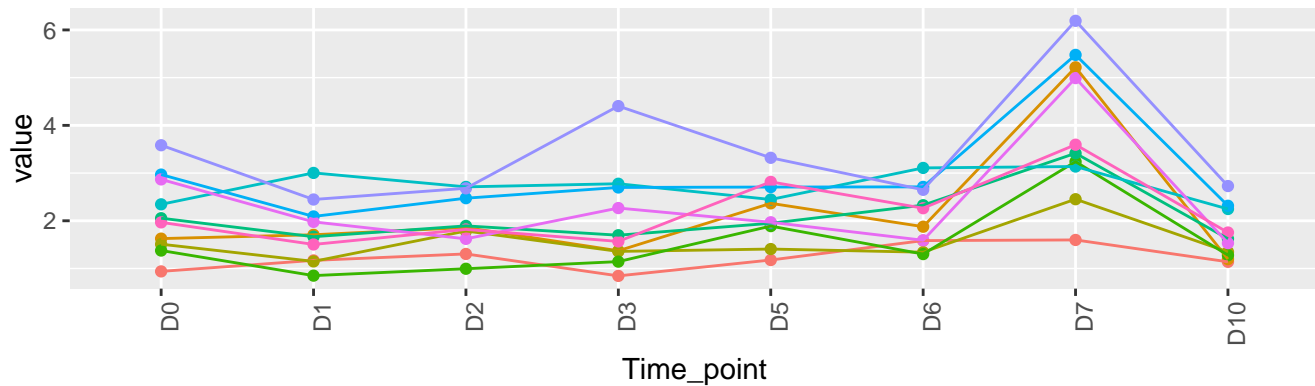
12 genes – KO-cluster-148-original



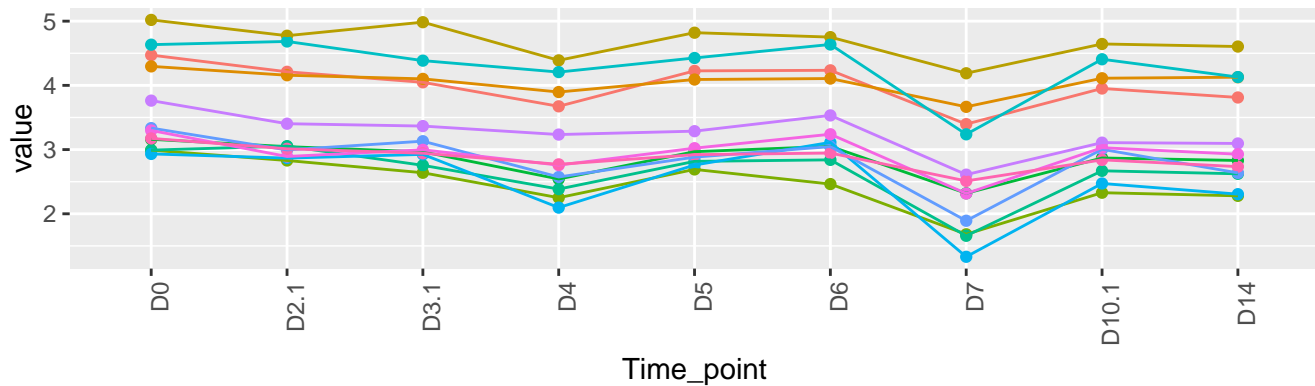
12 genes – WT-cluster-147-original



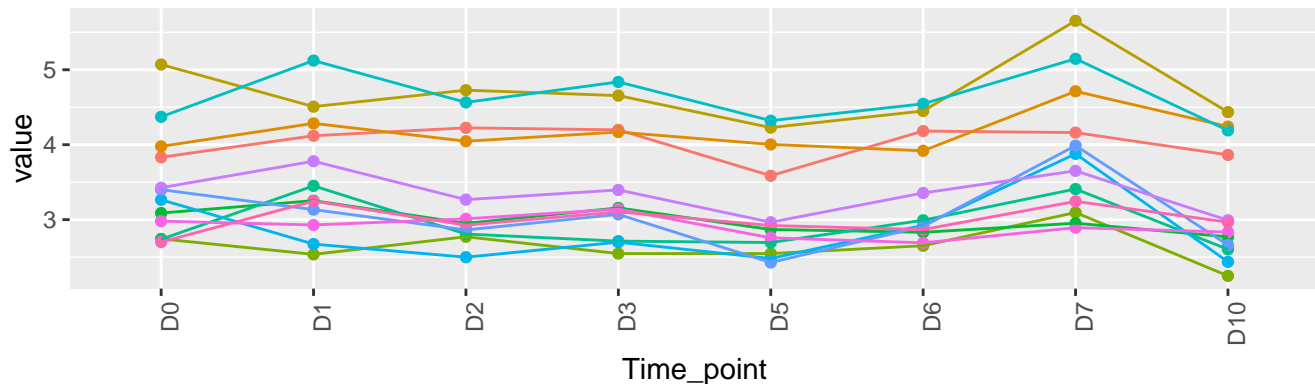
10 genes – KO-cluster-147-original



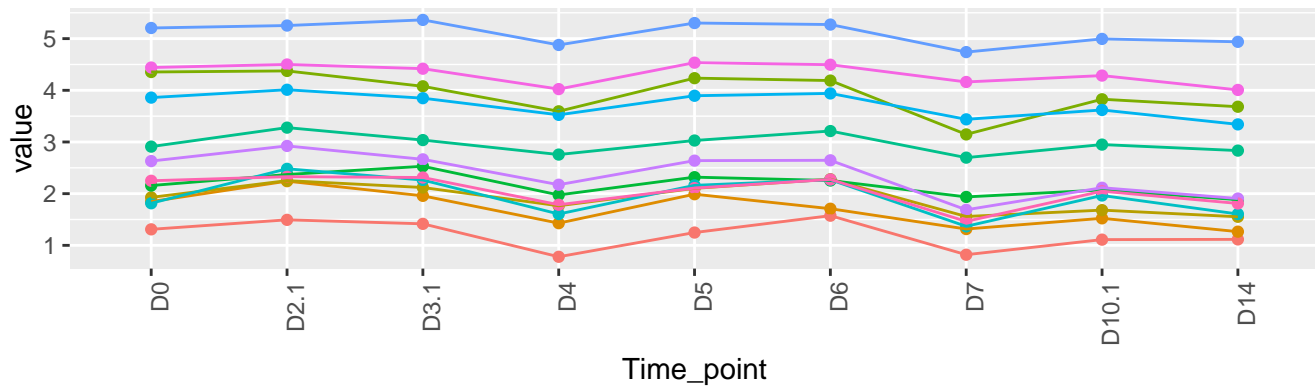
12 genes – WT-cluster-146-original



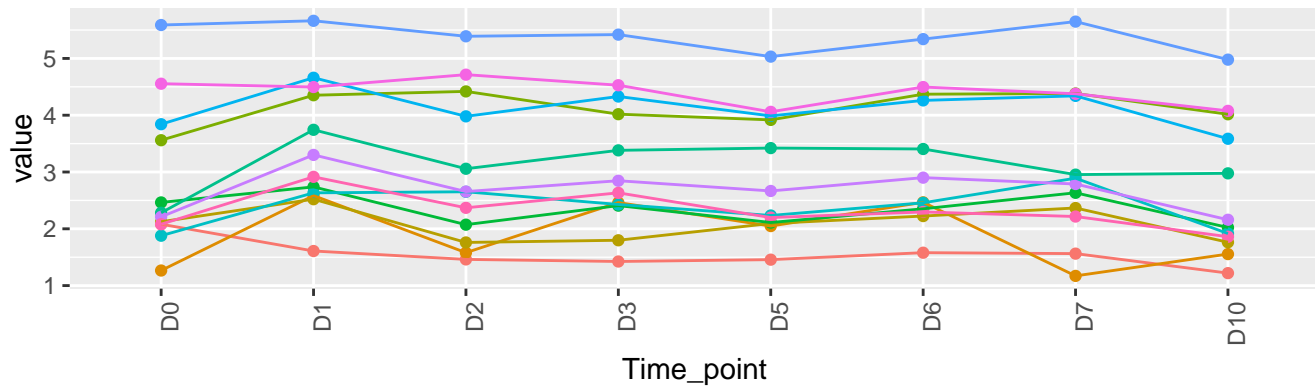
12 genes – KO-cluster-146-original



12 genes – WT-cluster-145-original

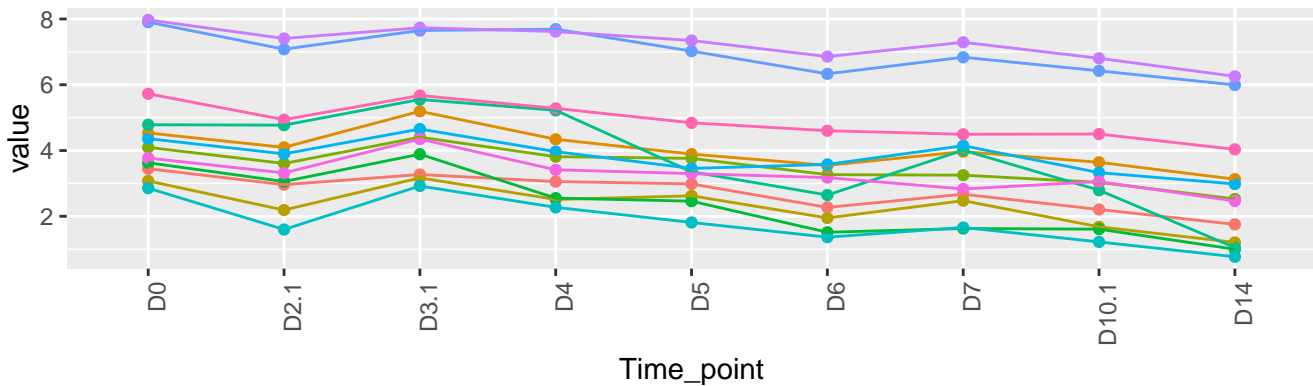


12 genes – KO-cluster-145-original

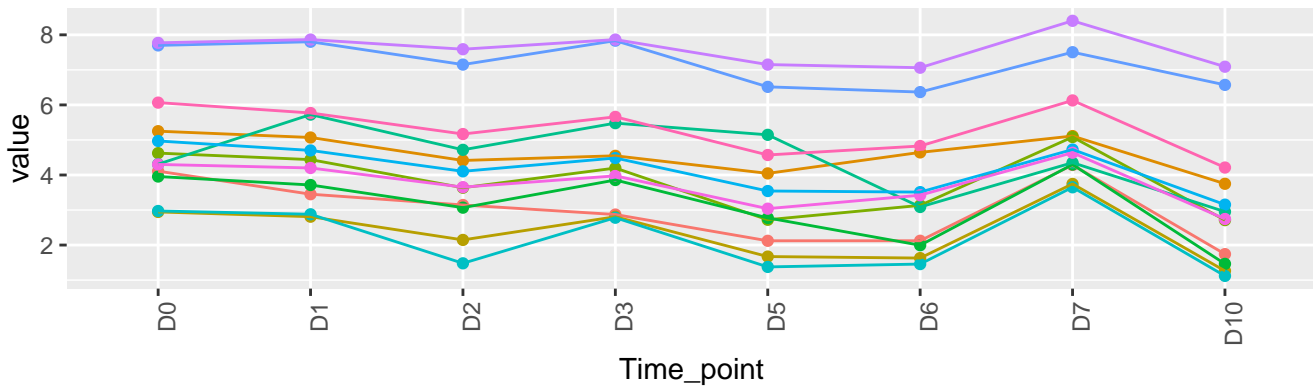




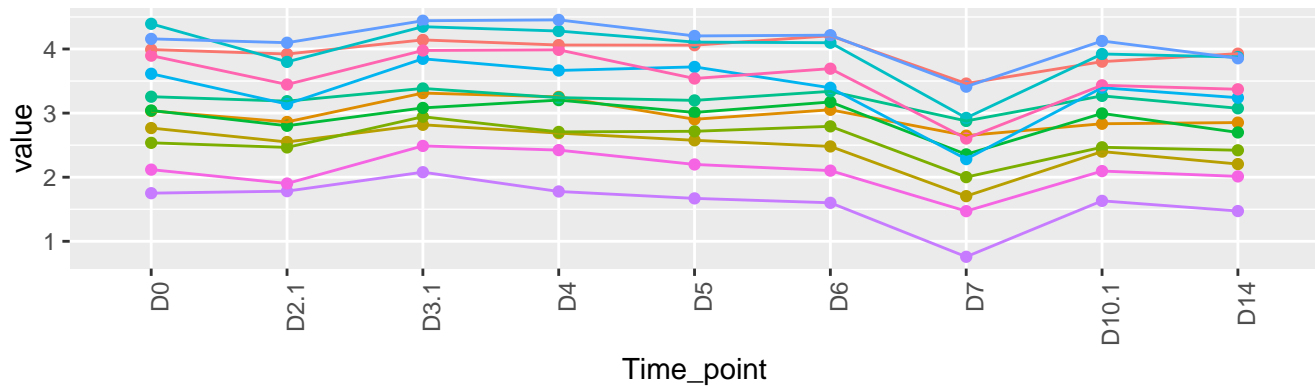
12 genes – WT-cluster-144-original



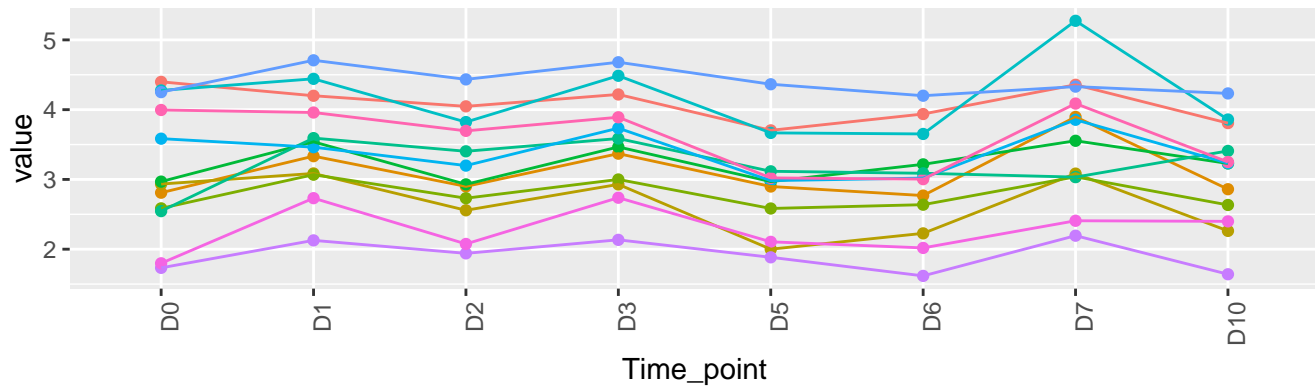
12 genes – KO-cluster-144-original



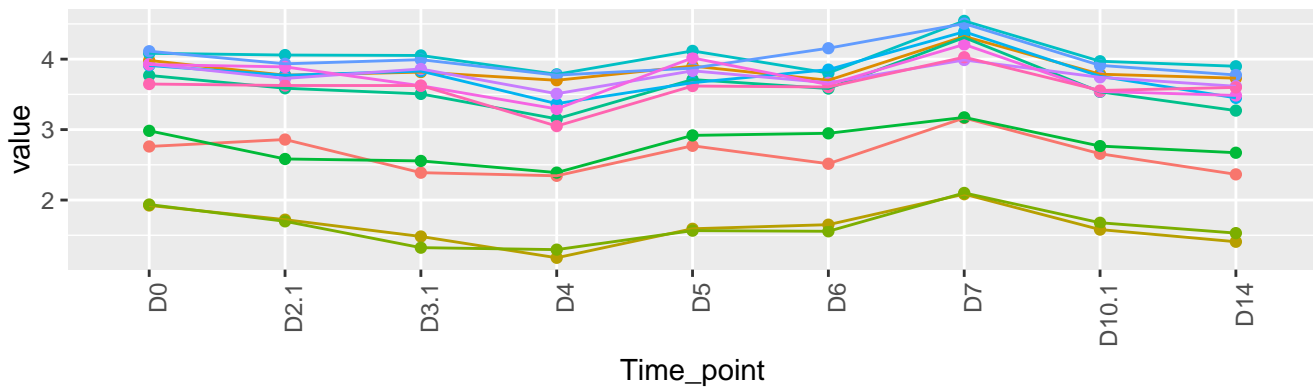
12 genes – WT-cluster-143-original



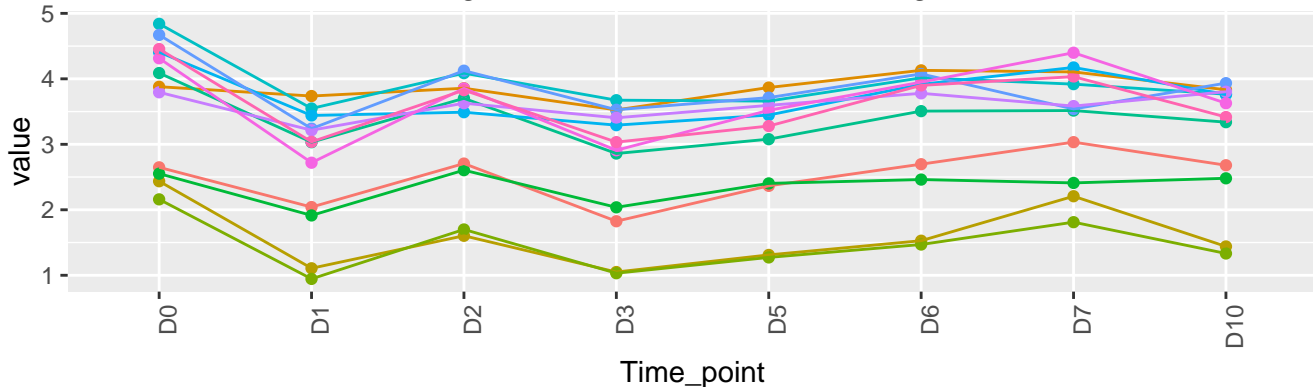
12 genes – KO-cluster-143-original



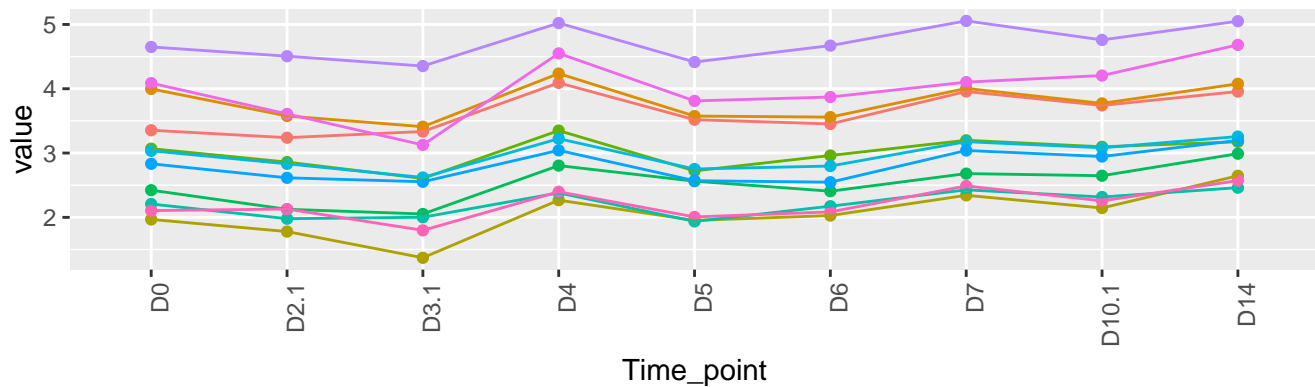
12 genes – WT-cluster-142-original



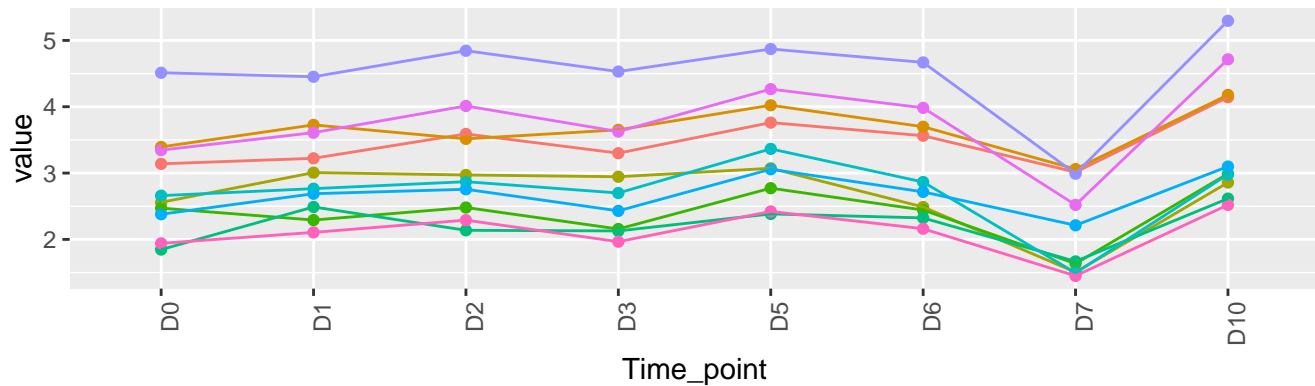
12 genes – KO-cluster-142-original



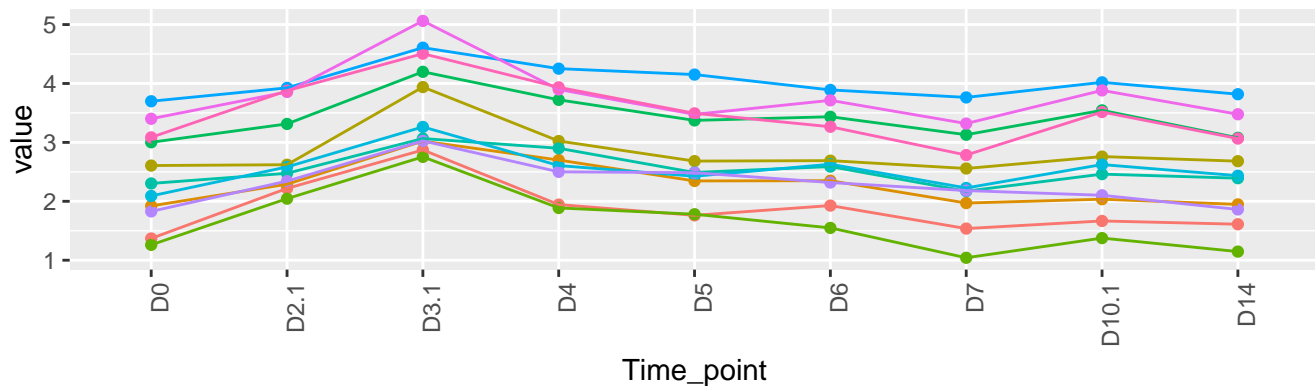
11 genes – WT-cluster-141-original



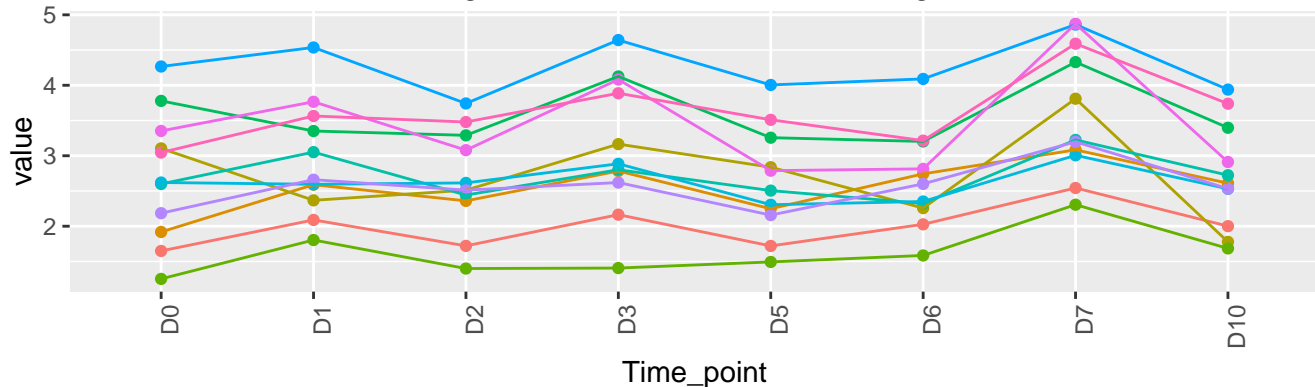
10 genes – KO-cluster-141-original



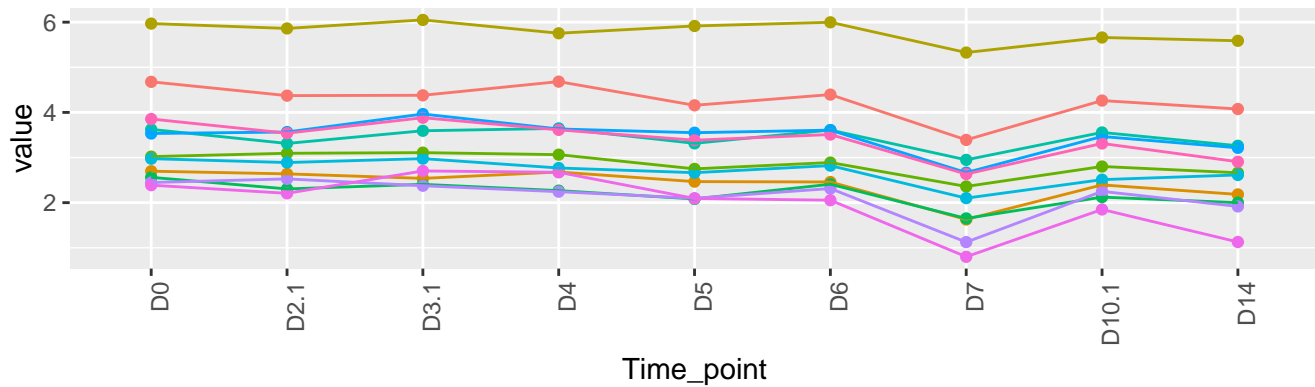
11 genes – WT-cluster-140-original



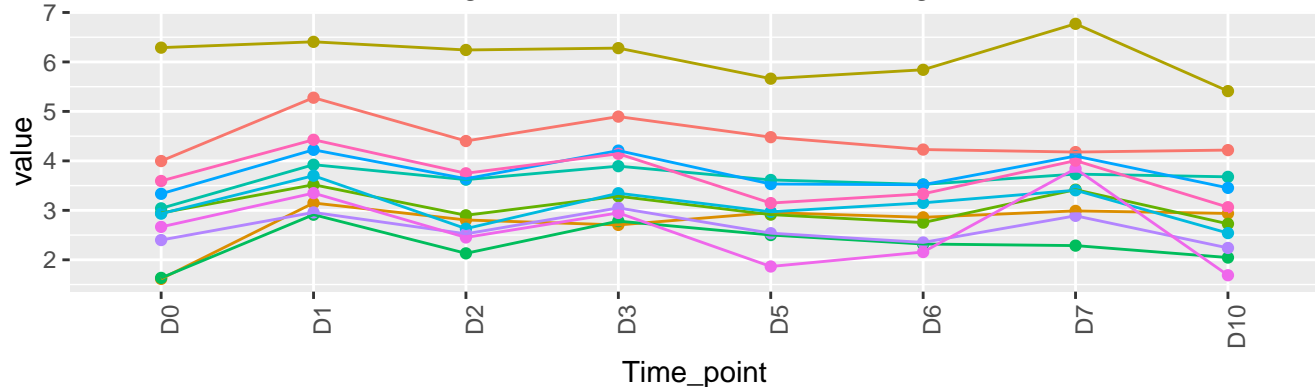
11 genes – KO-cluster-140-original



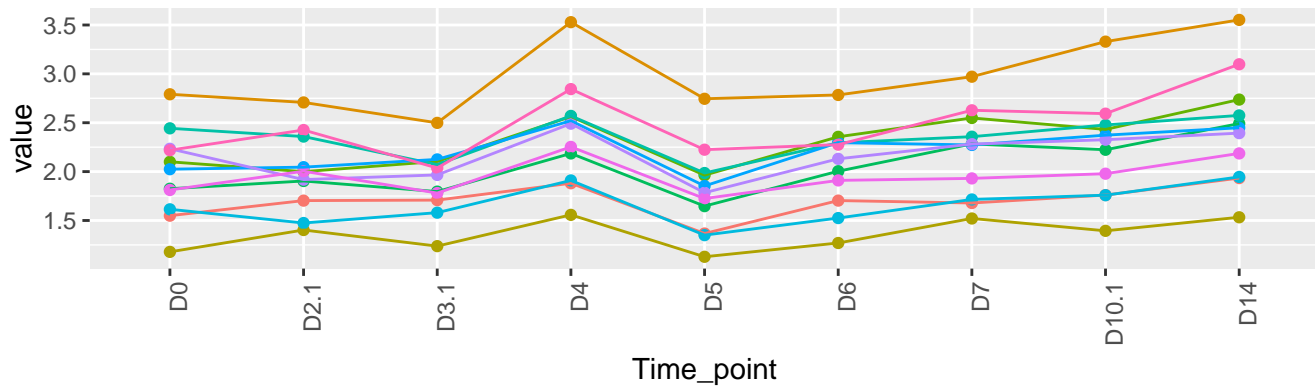
11 genes – WT-cluster-139-original



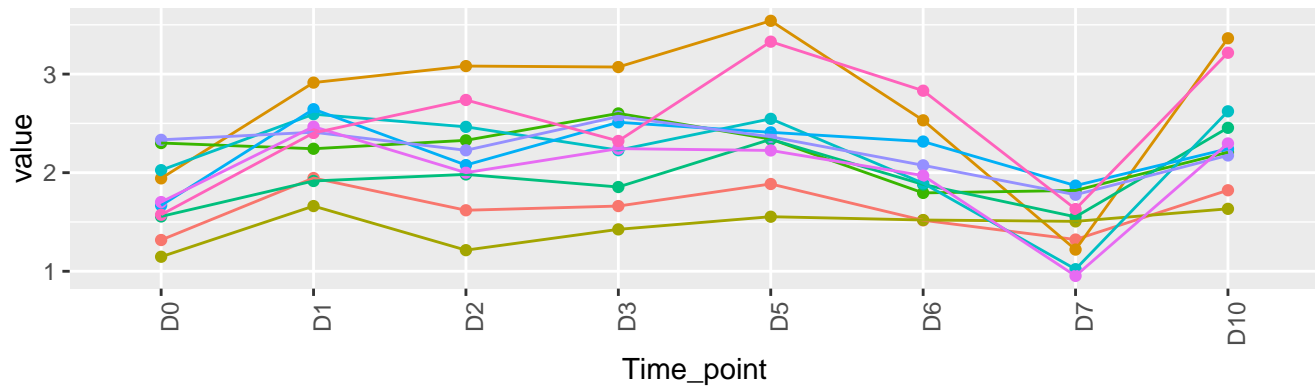
11 genes – KO-cluster-139-original



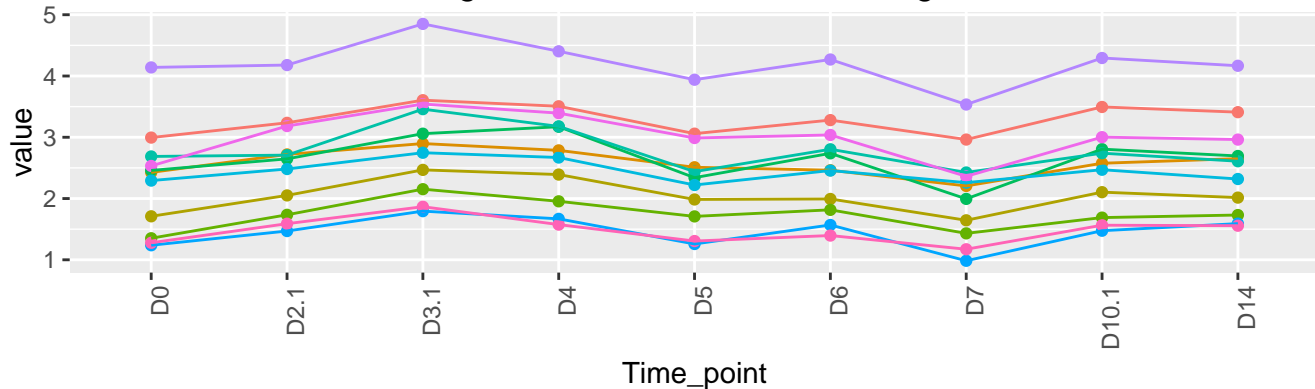
11 genes – WT-cluster-138-original



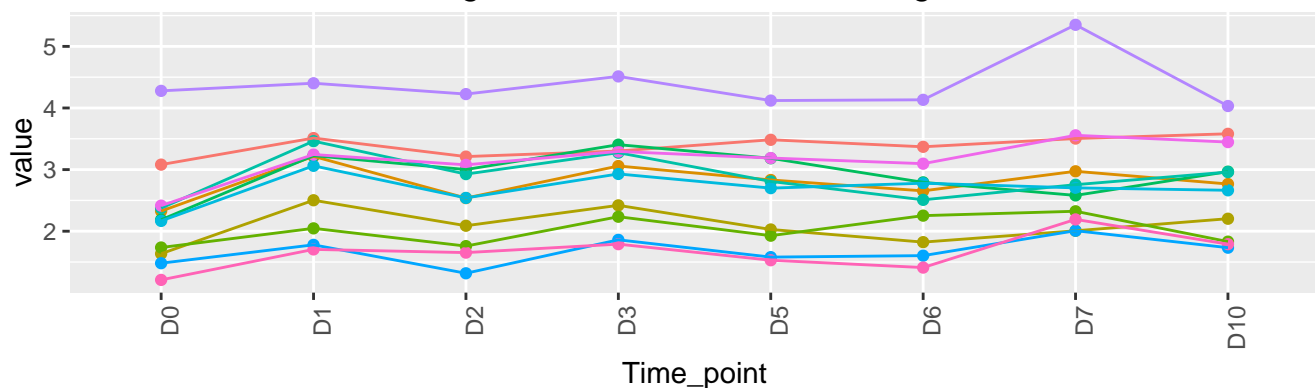
10 genes – KO-cluster-138-original



11 genes – WT-cluster-137-original

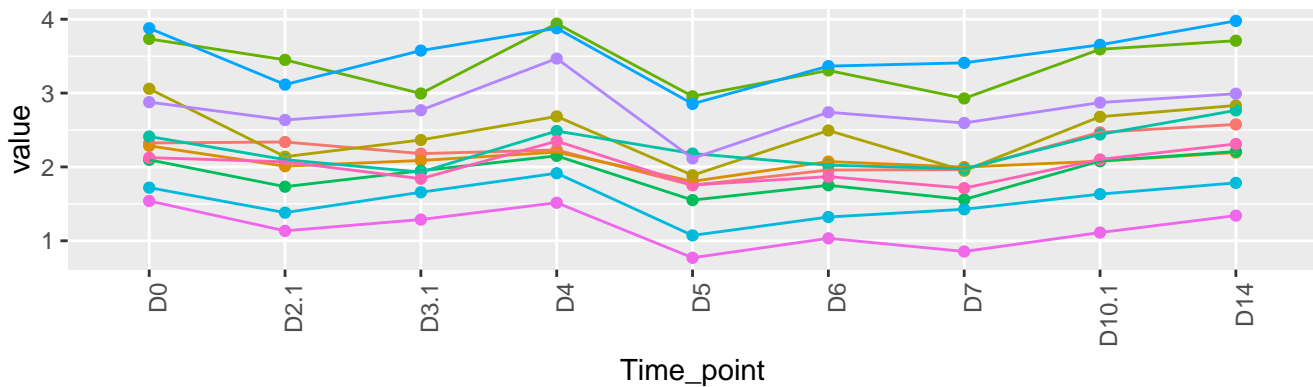


11 genes – KO-cluster-137-original

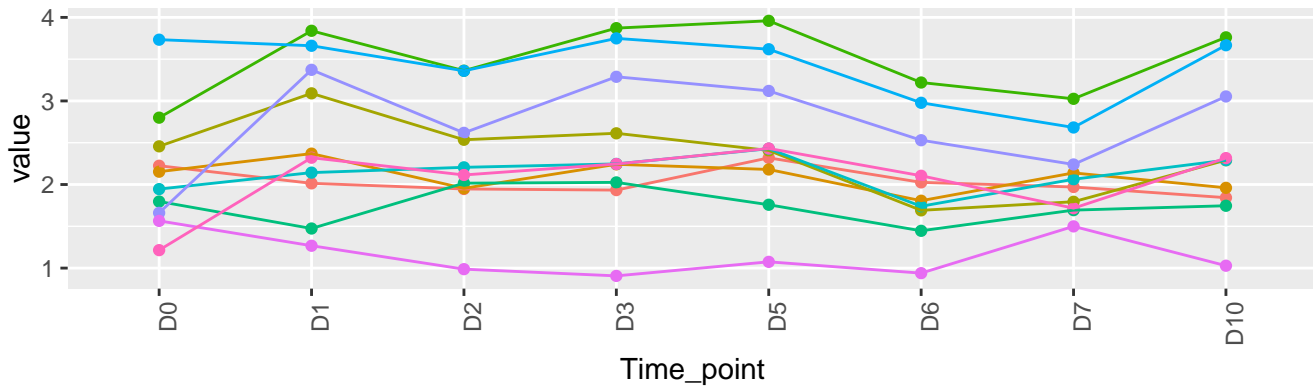




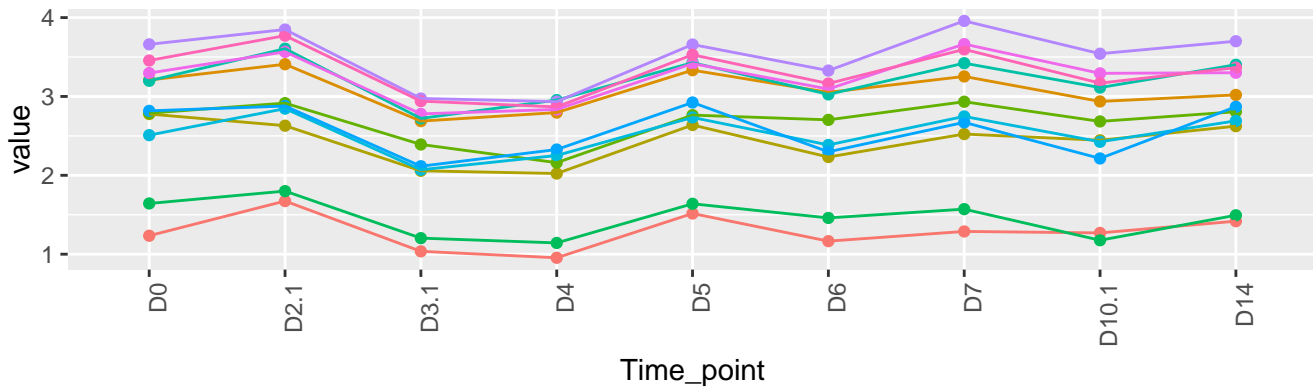
11 genes – WT-cluster-136-original



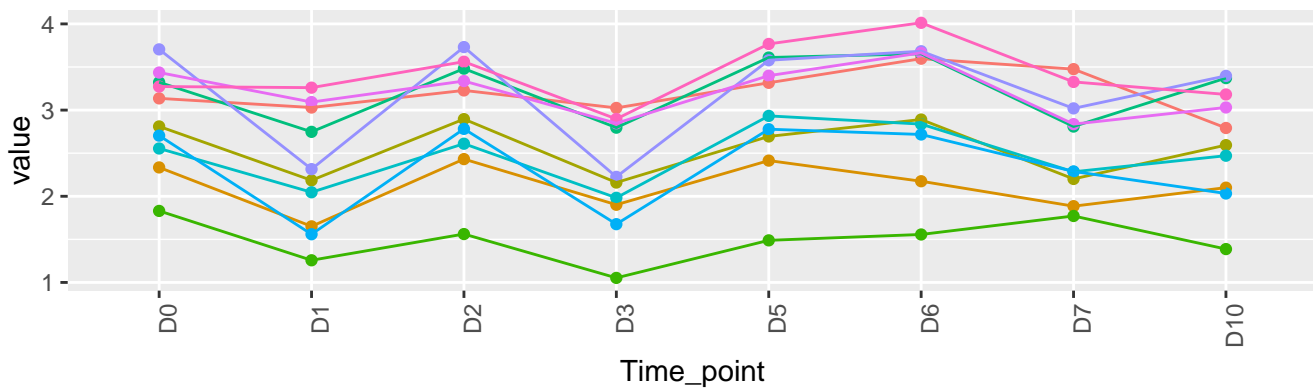
10 genes – KO-cluster-136-original



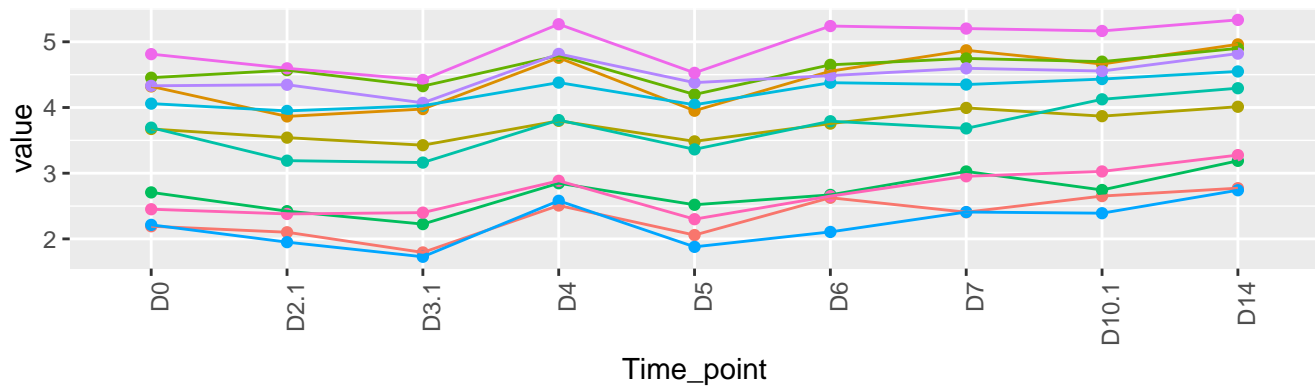
11 genes – WT-cluster-135-original



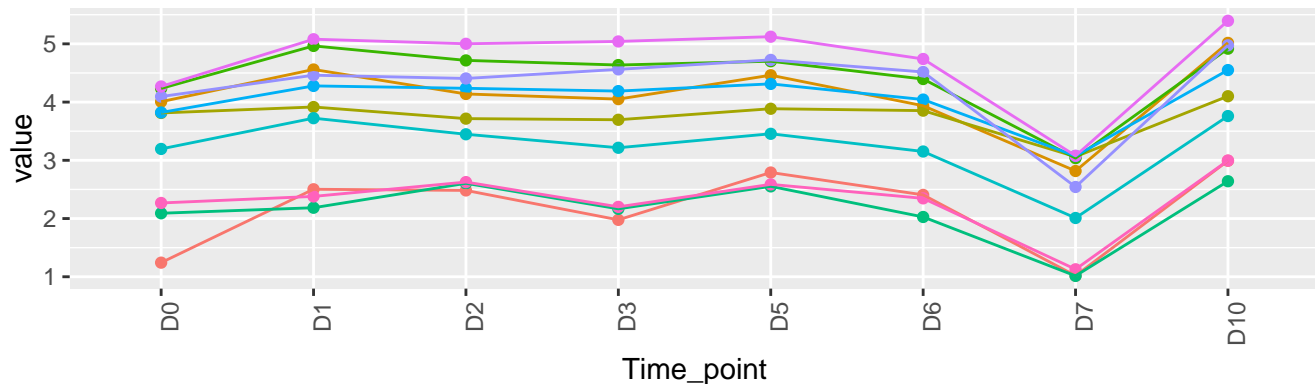
10 genes – KO-cluster-135-original



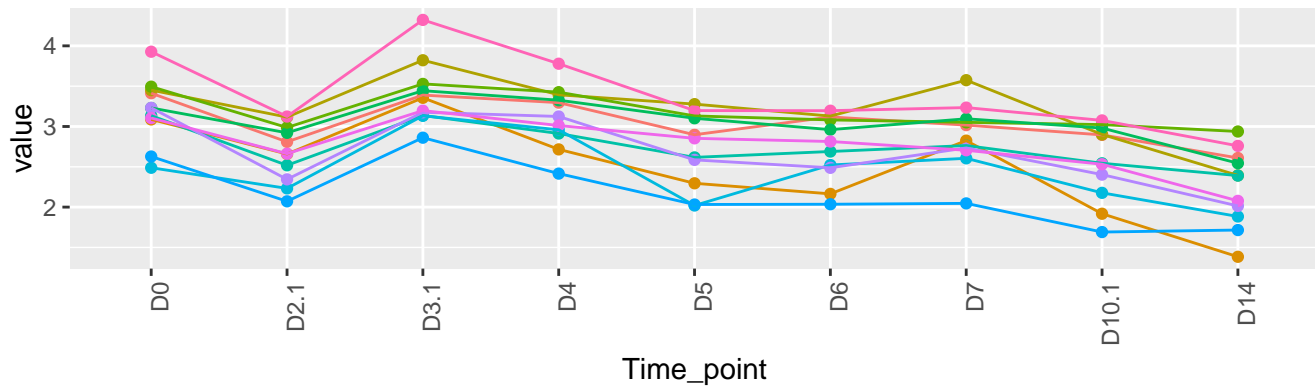
11 genes – WT-cluster-134-original



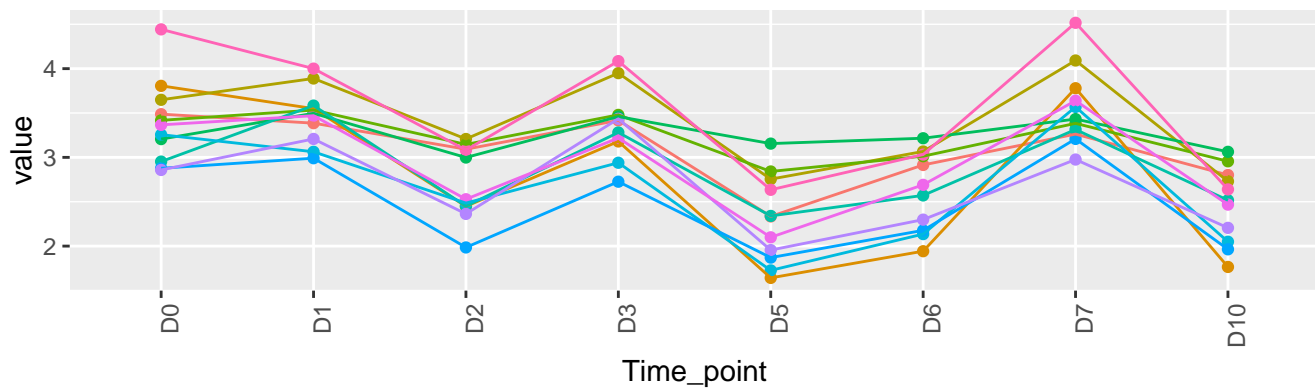
10 genes – KO-cluster-134-original



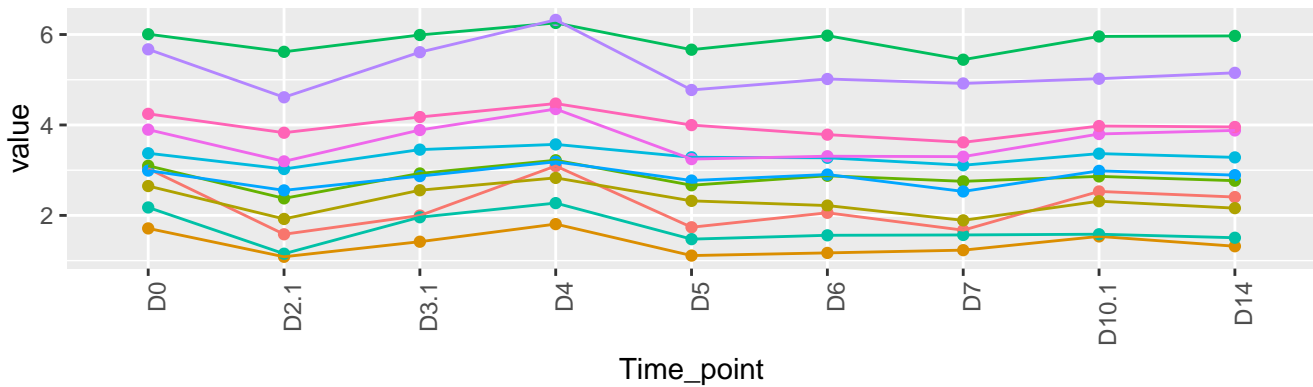
11 genes – WT-cluster-133-original



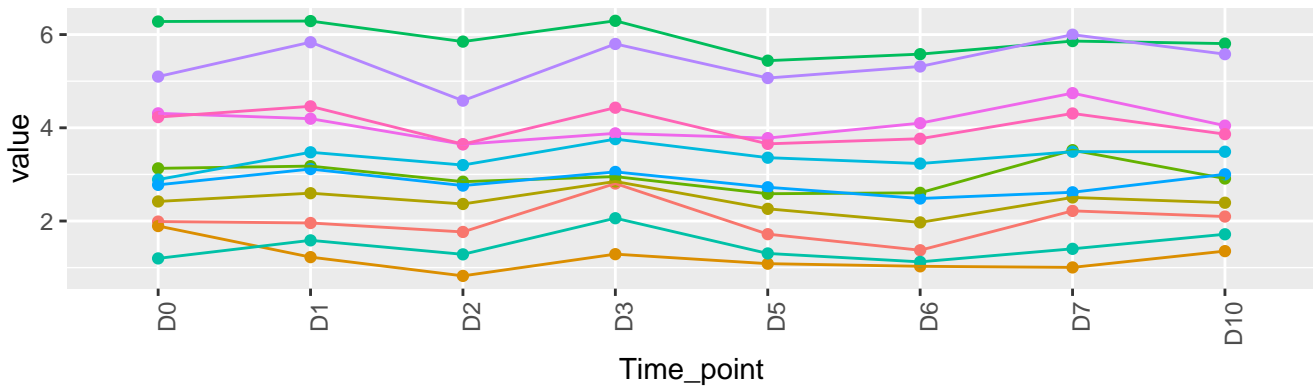
11 genes – KO-cluster-133-original



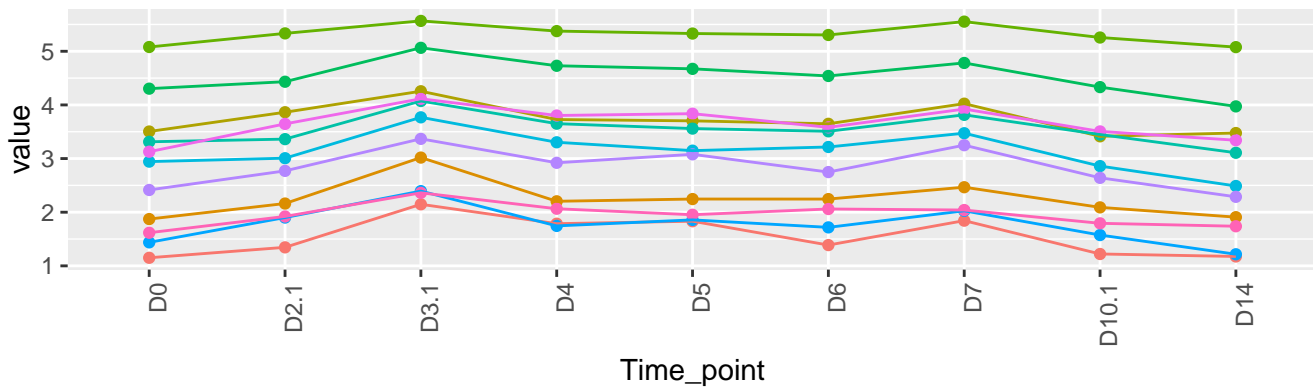
11 genes – WT-cluster-132-original



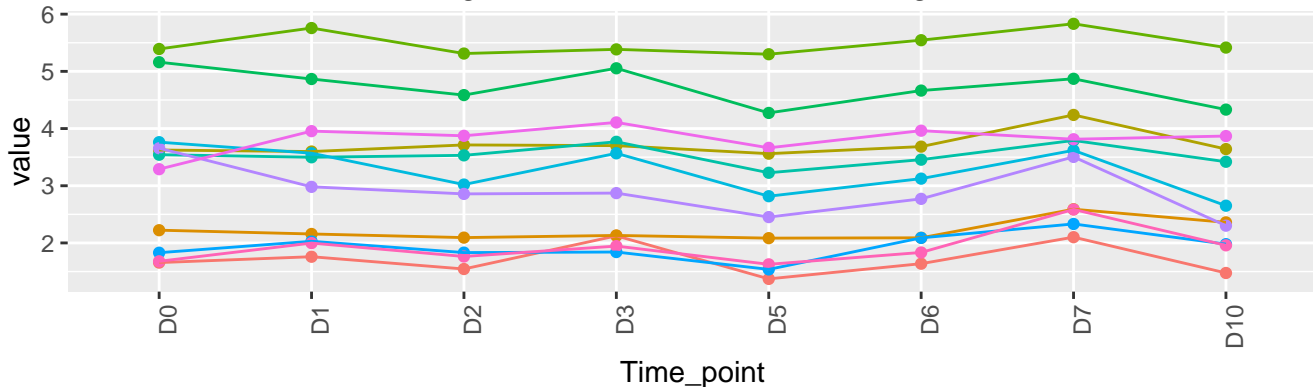
11 genes – KO-cluster-132-original



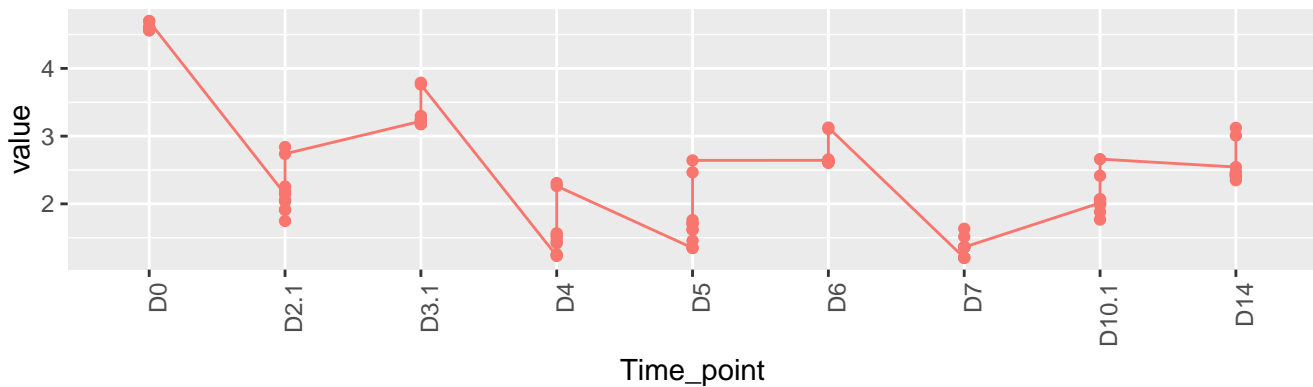
11 genes – WT-cluster-131-original



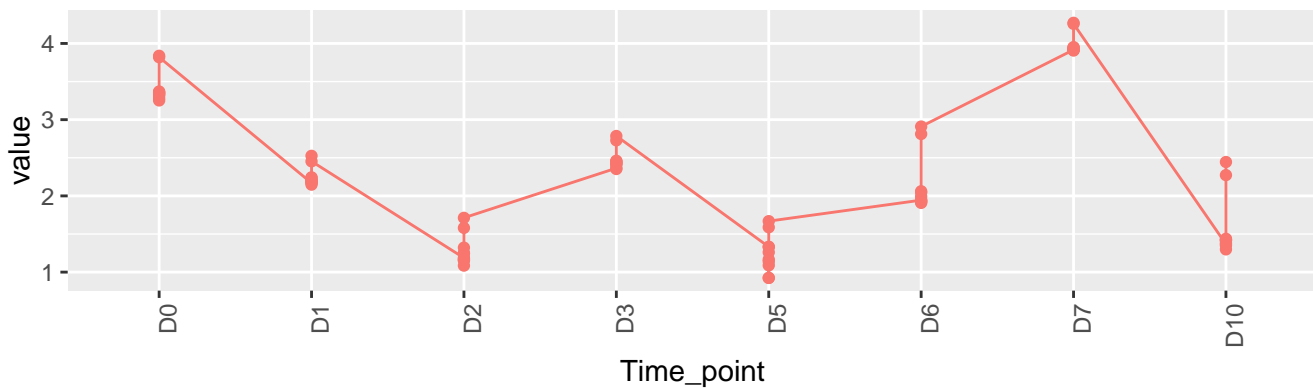
11 genes – KO-cluster-131-original



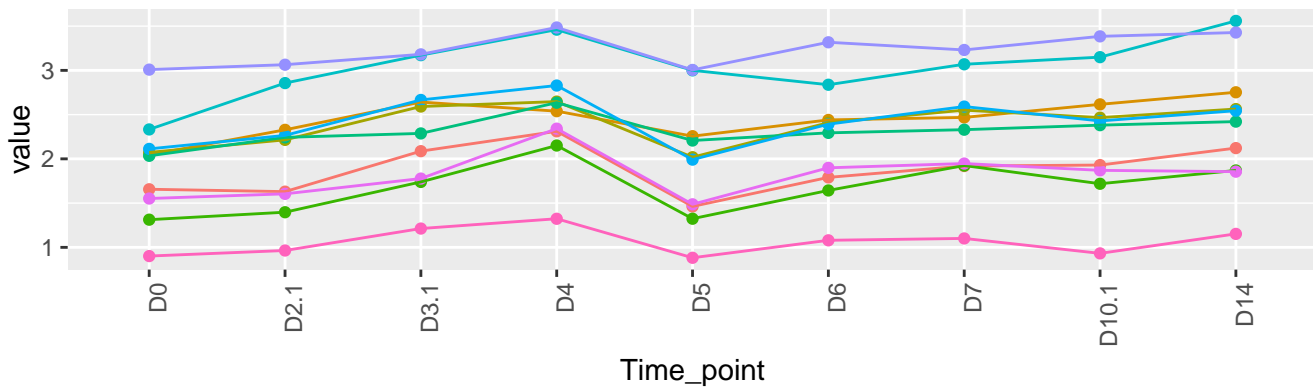
10 genes – WT-cluster-130-original



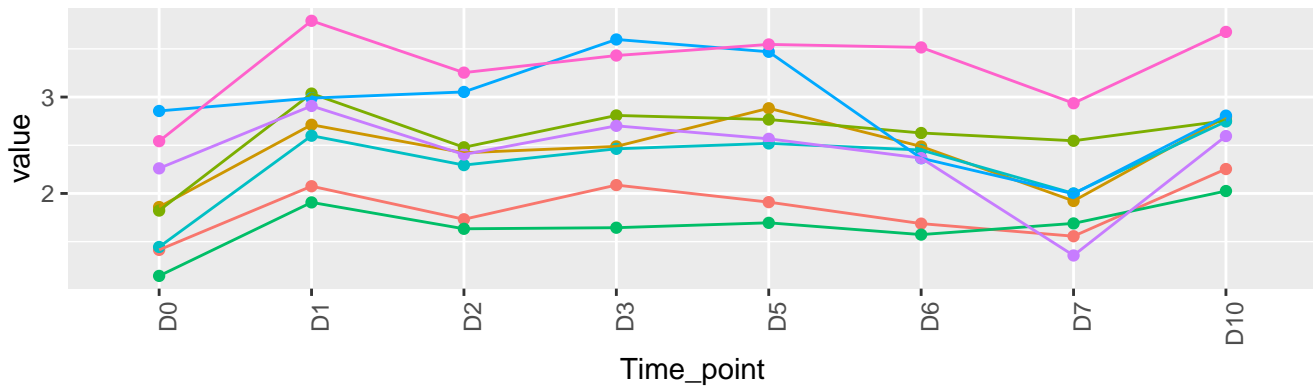
10 genes – KO-cluster-130-original



10 genes – WT-cluster-129-original

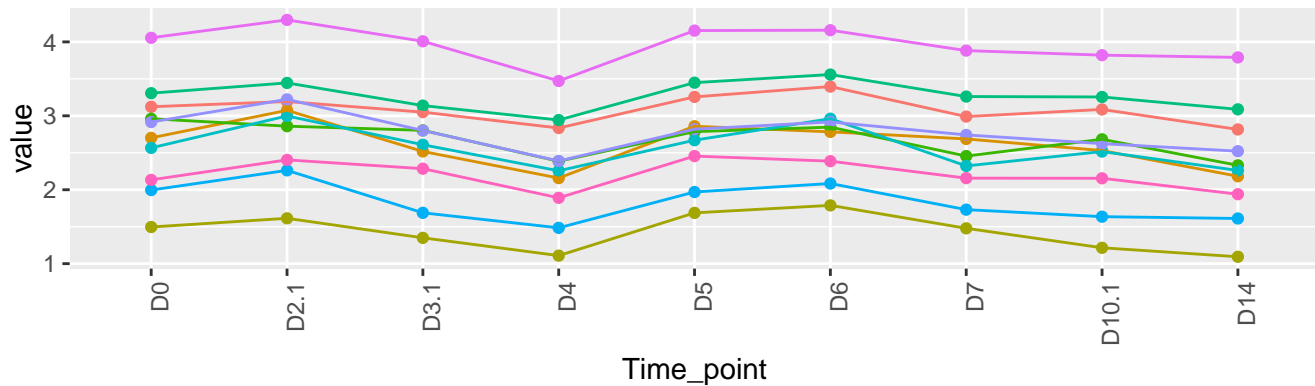


8 genes – KO-cluster-129-original

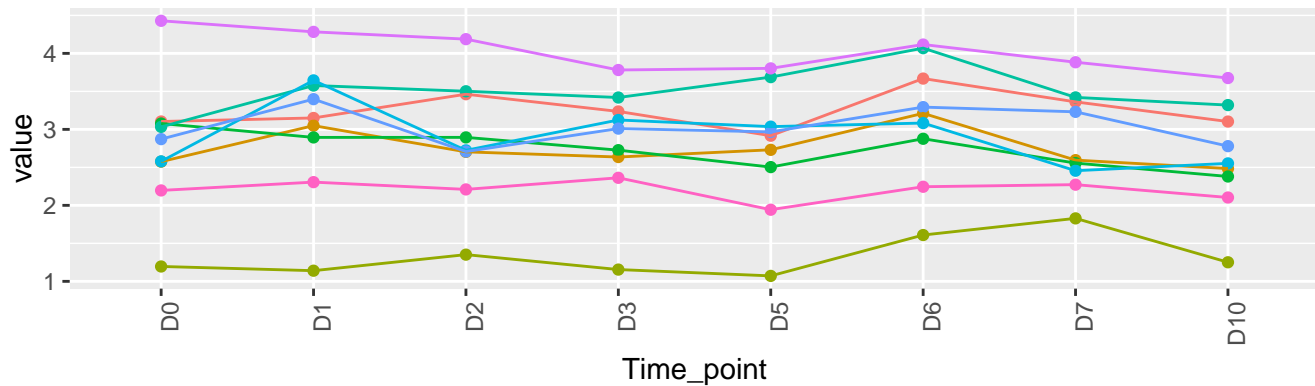




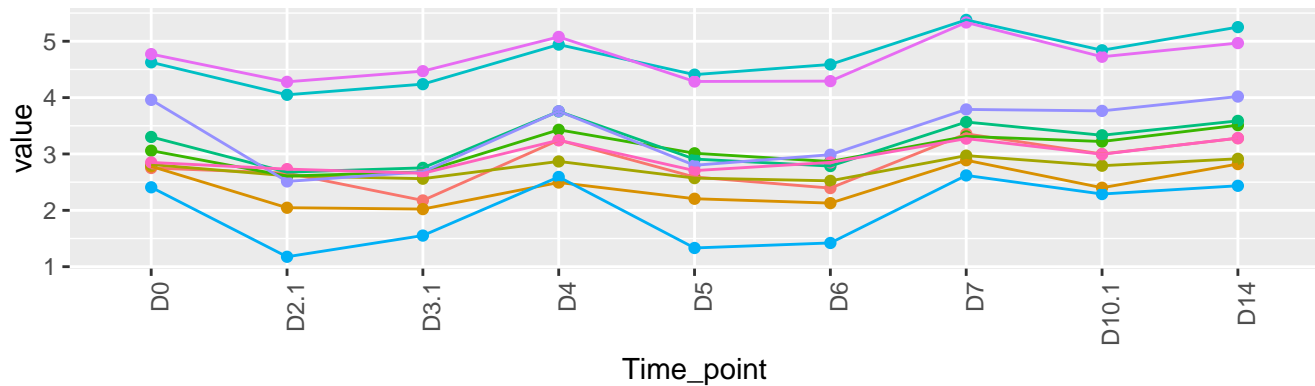
10 genes – WT-cluster-128-original



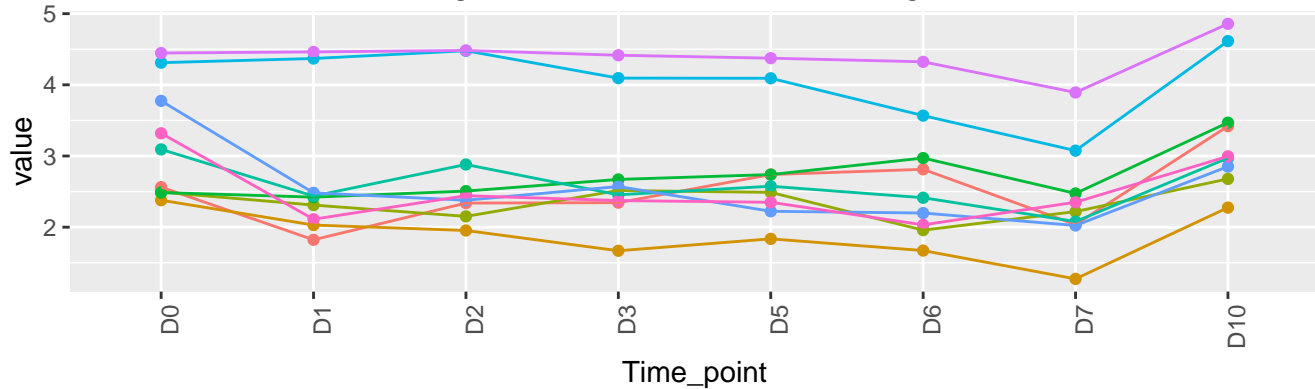
9 genes – KO-cluster-128-original



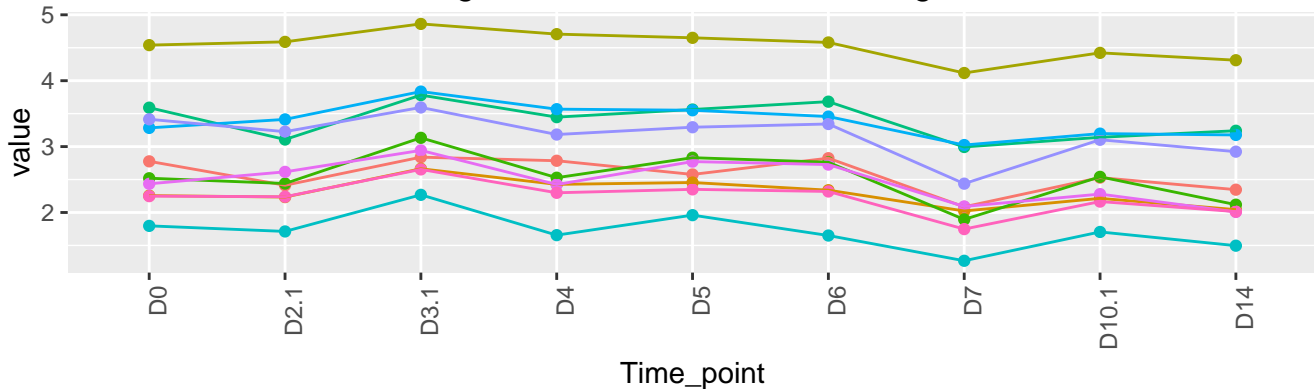
10 genes – WT-cluster-127-original



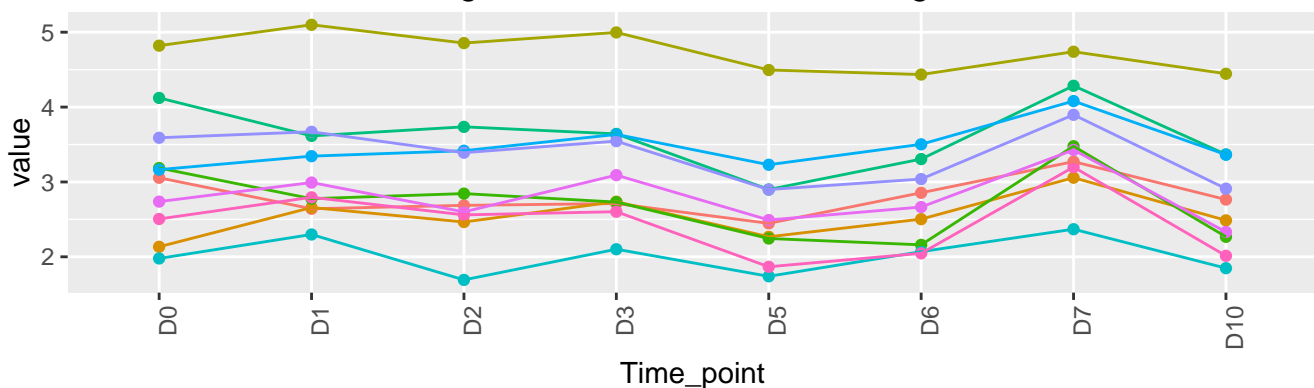
9 genes – KO-cluster-127-original



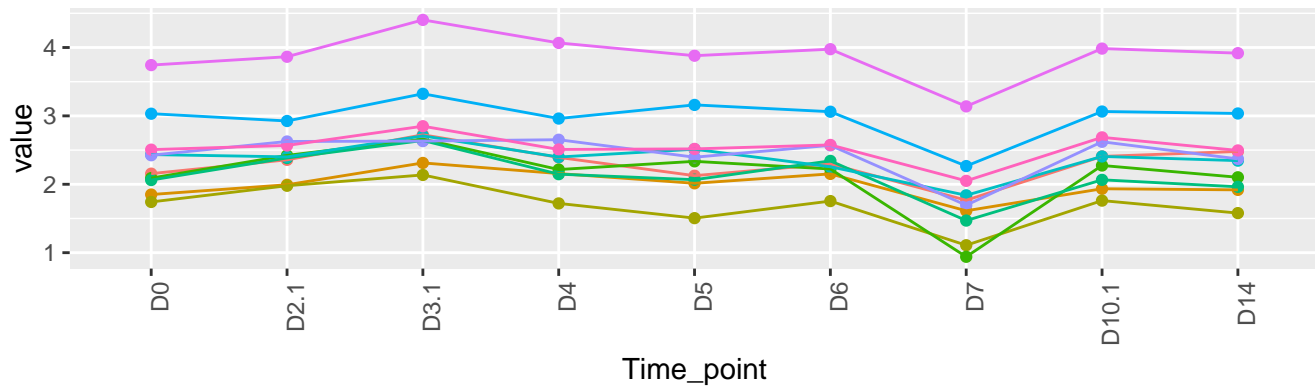
10 genes – WT-cluster-126-original



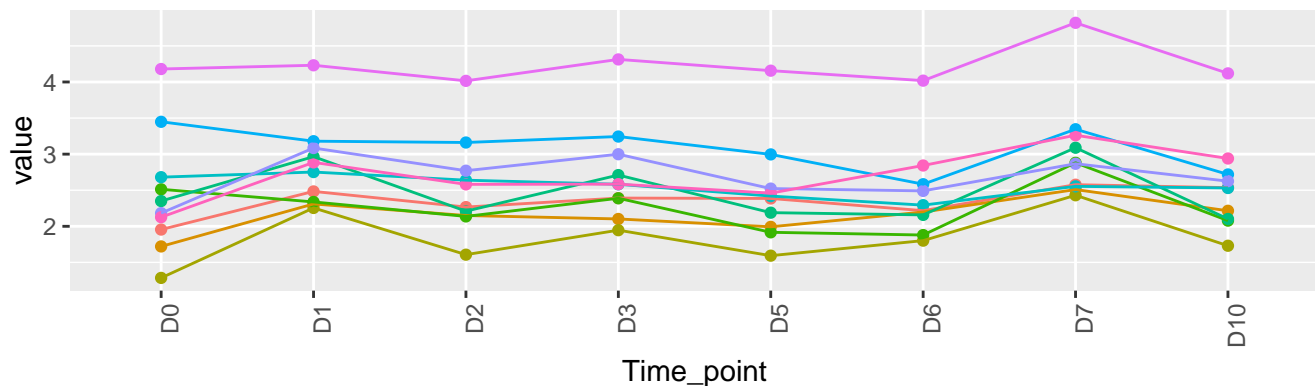
10 genes – KO-cluster-126-original



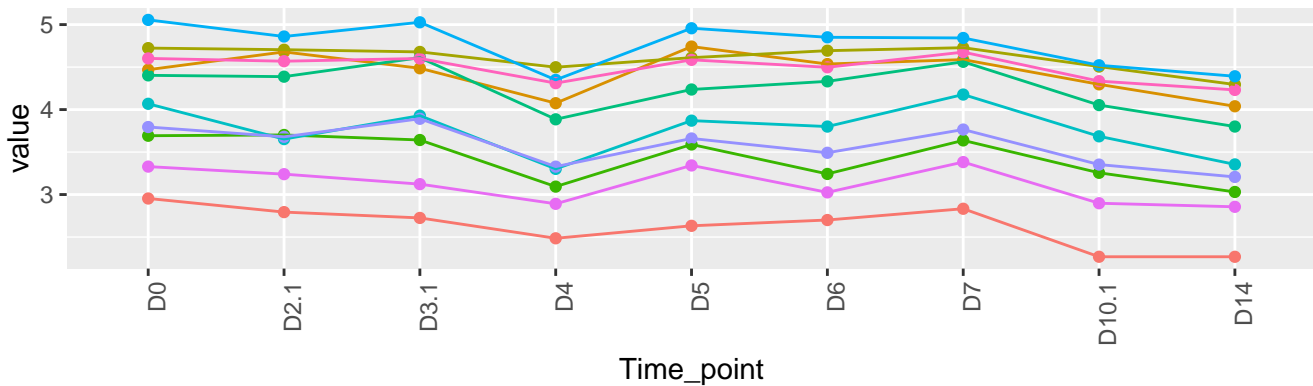
10 genes – WT-cluster-125-original



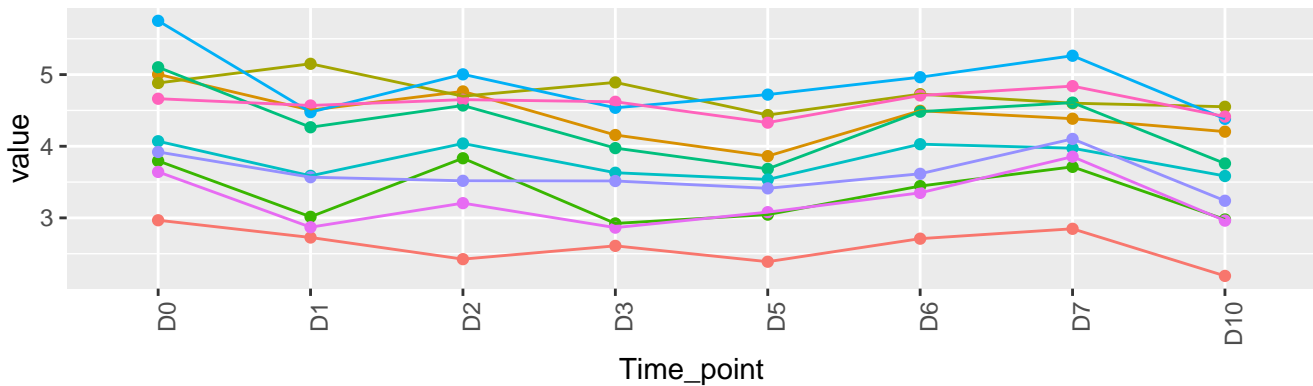
10 genes – KO-cluster-125-original



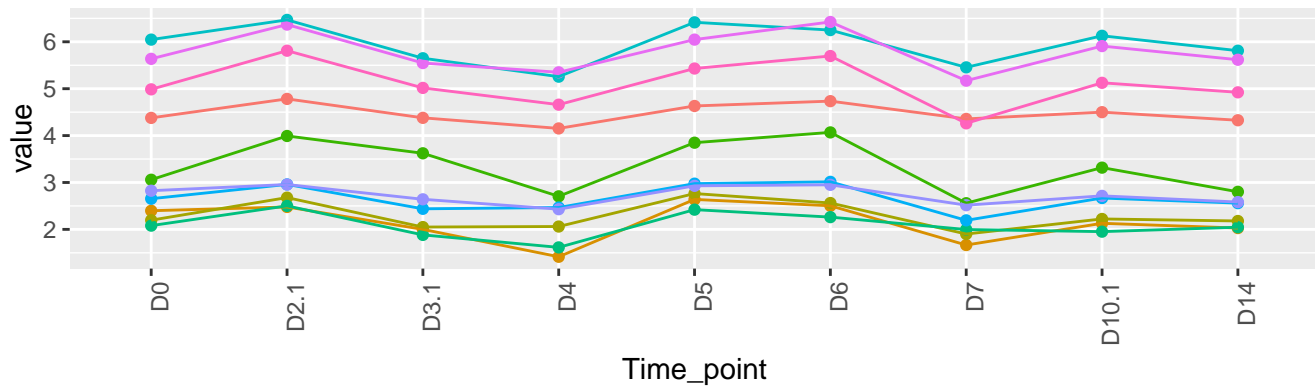
10 genes – WT-cluster-124-original



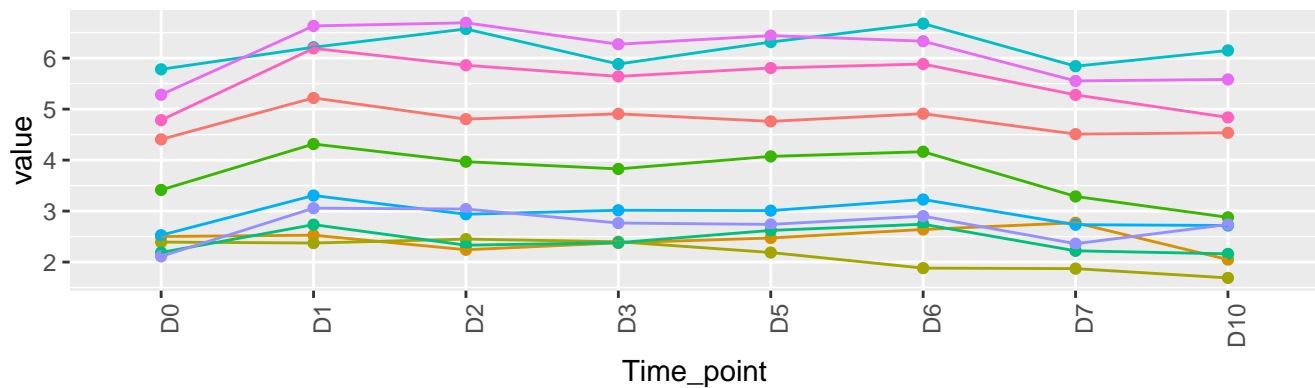
10 genes – KO-cluster-124-original



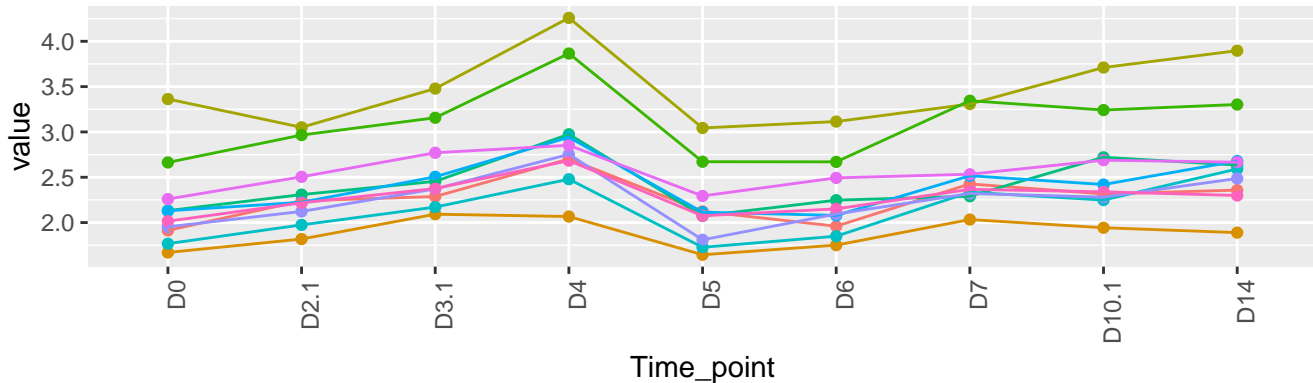
10 genes – WT-cluster-123-original



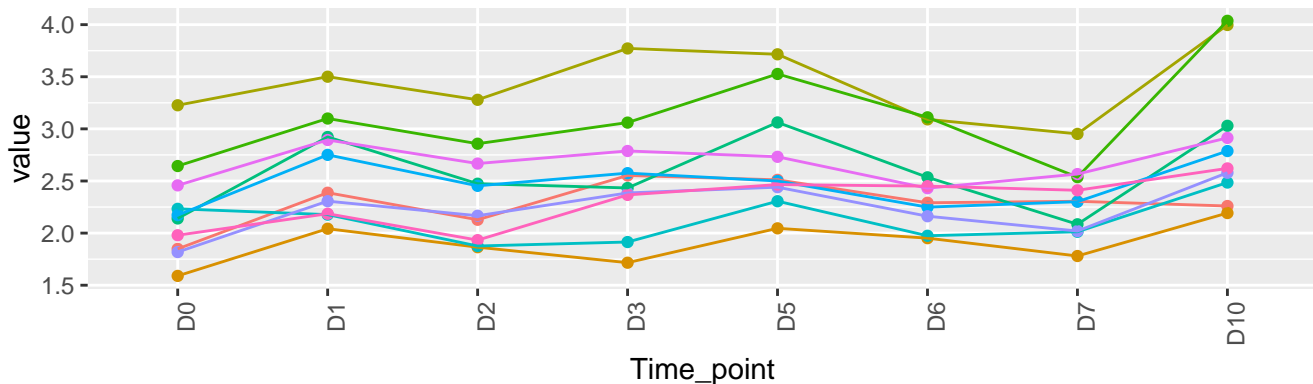
10 genes – KO-cluster-123-original



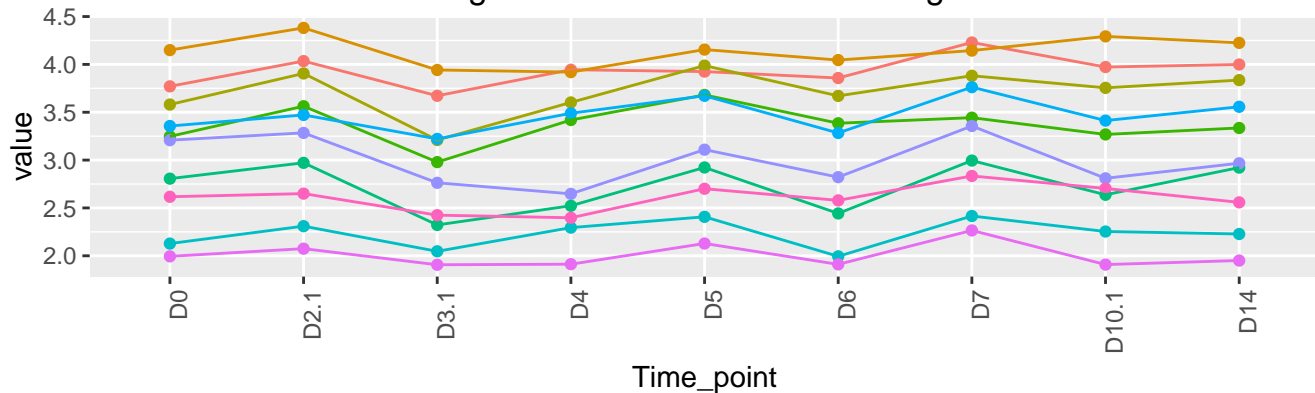
10 genes – WT-cluster-122-original



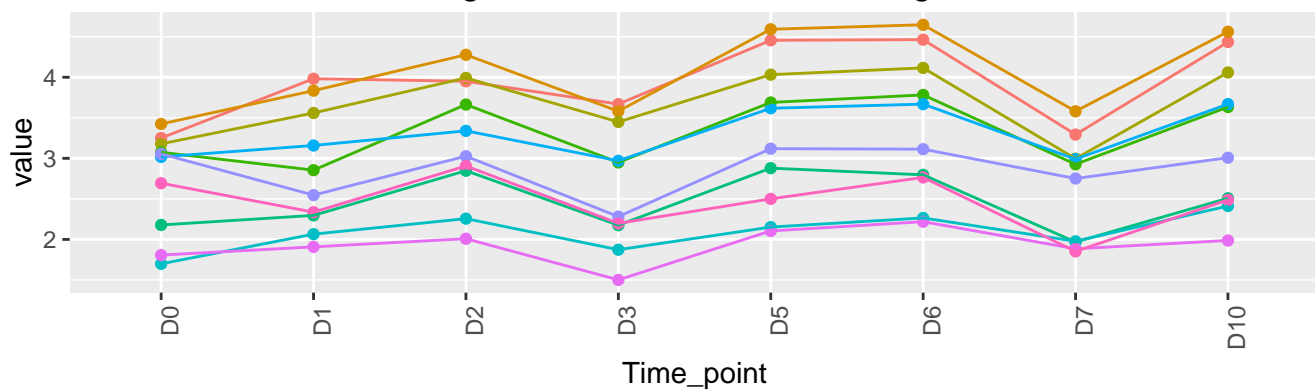
10 genes – KO-cluster-122-original



10 genes – WT-cluster-121-original

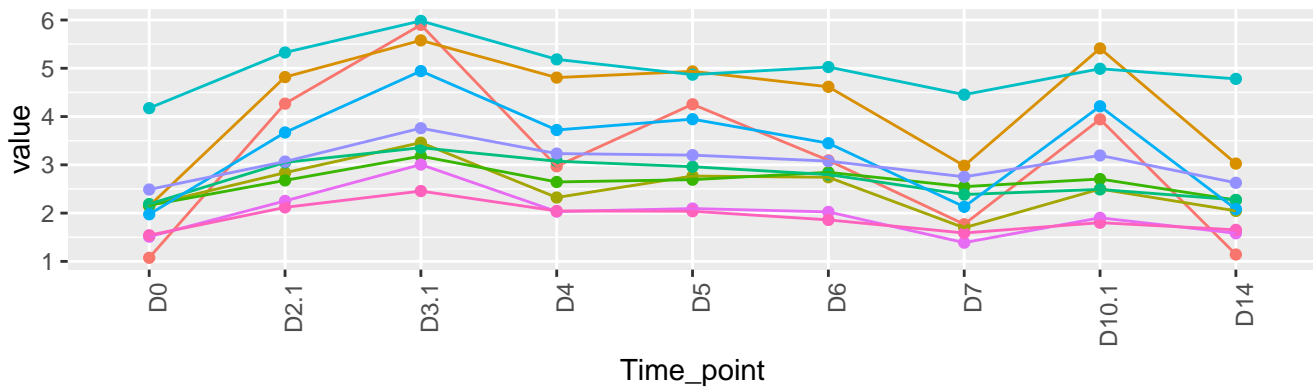


10 genes – KO-cluster-121-original

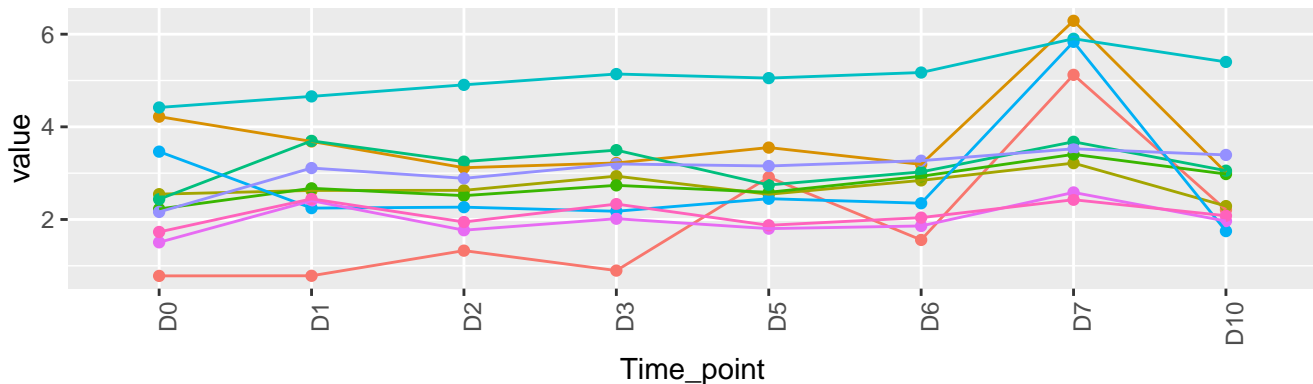




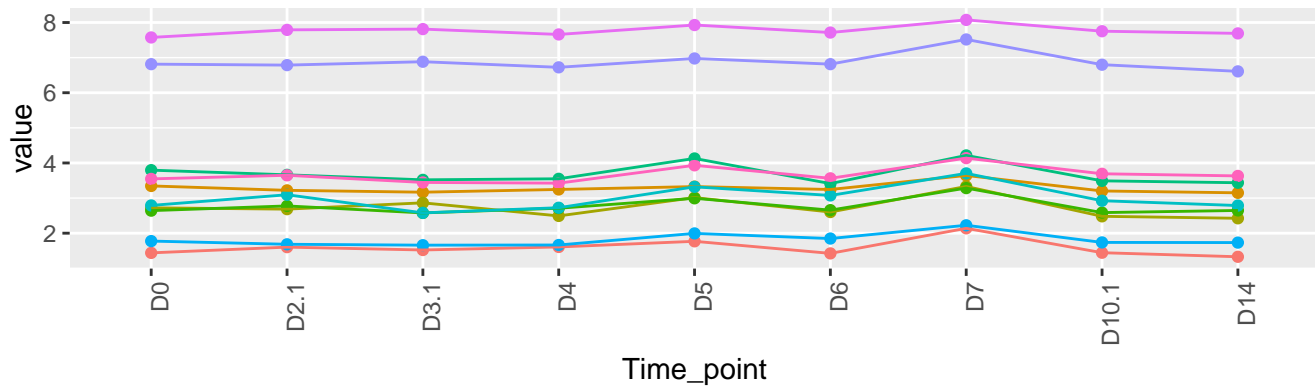
10 genes – WT-cluster-120-original



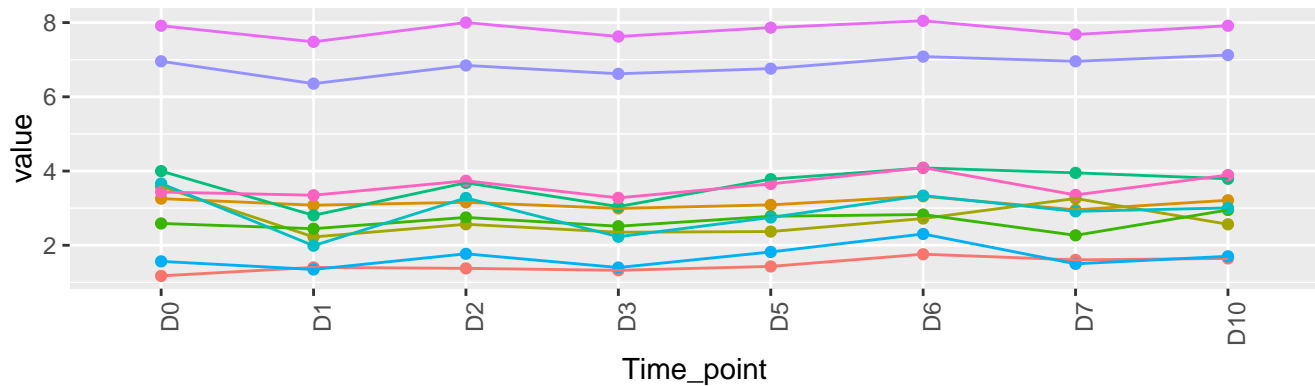
10 genes – KO-cluster-120-original



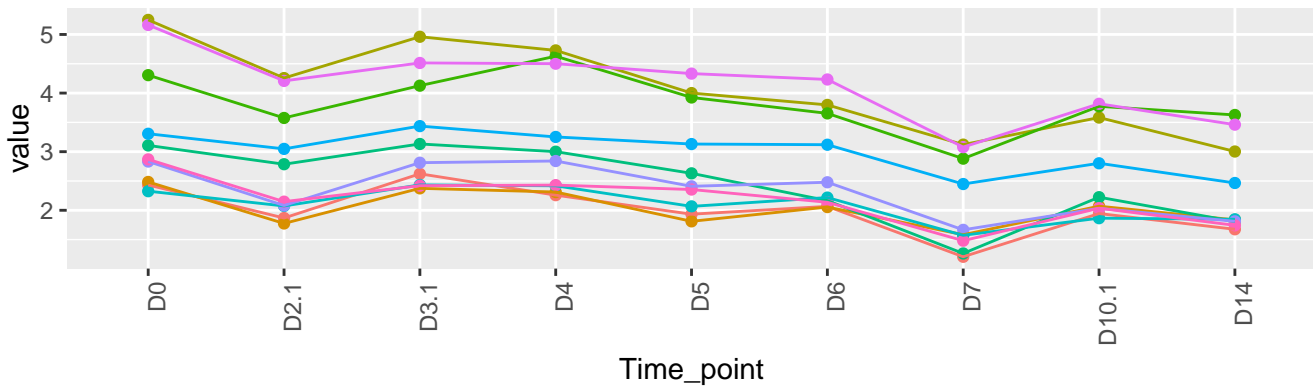
10 genes – WT-cluster-119-original



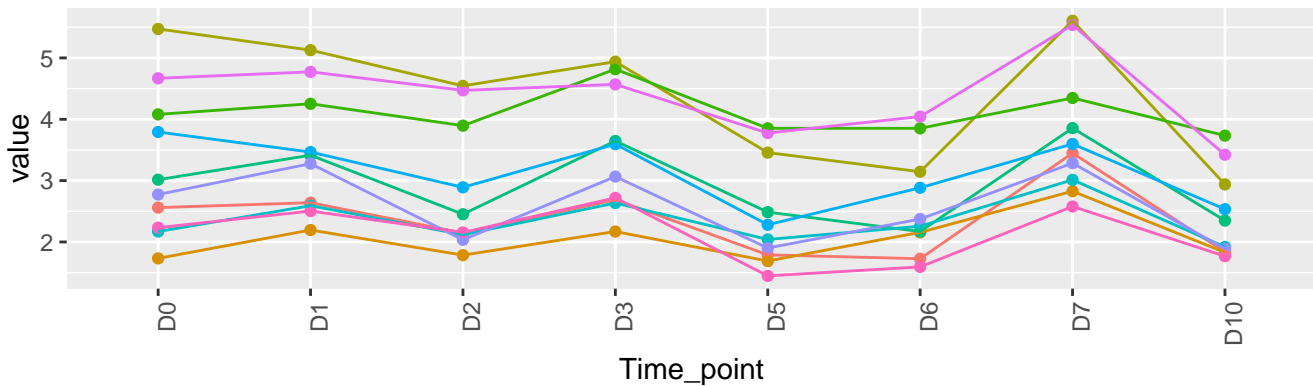
10 genes – KO-cluster-119-original



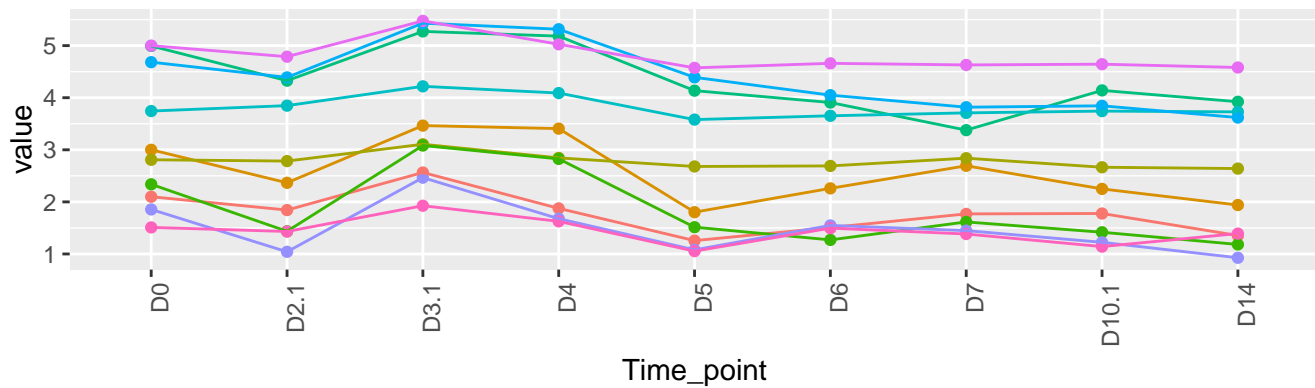
10 genes – WT-cluster-118-original



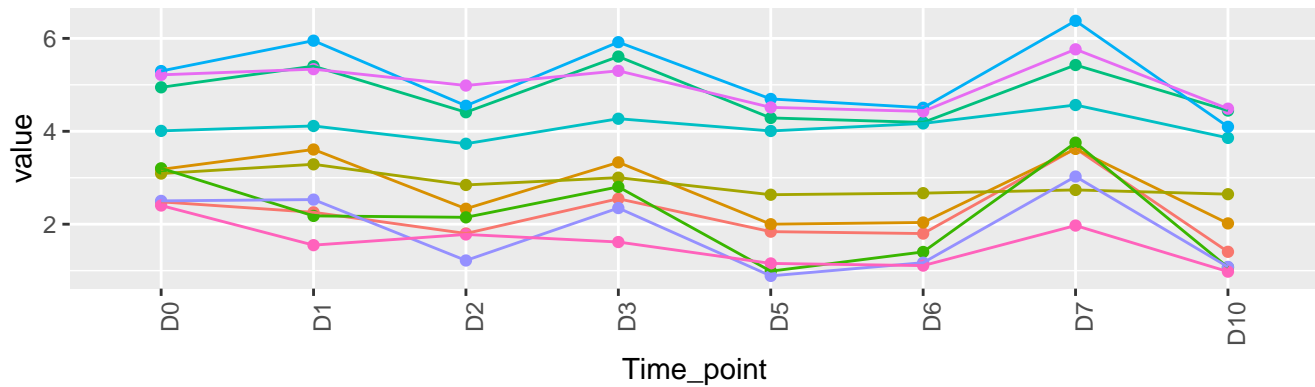
10 genes – KO-cluster-118-original



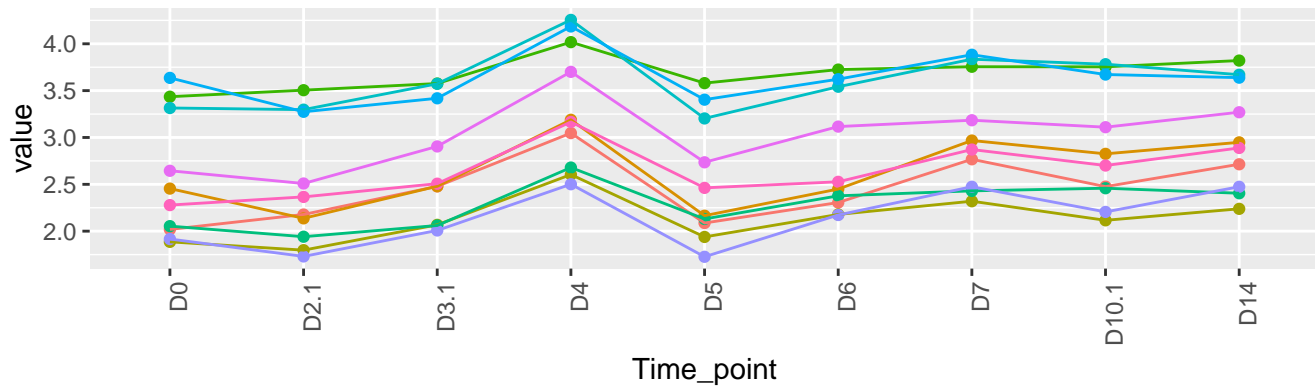
10 genes – WT-cluster-117-original



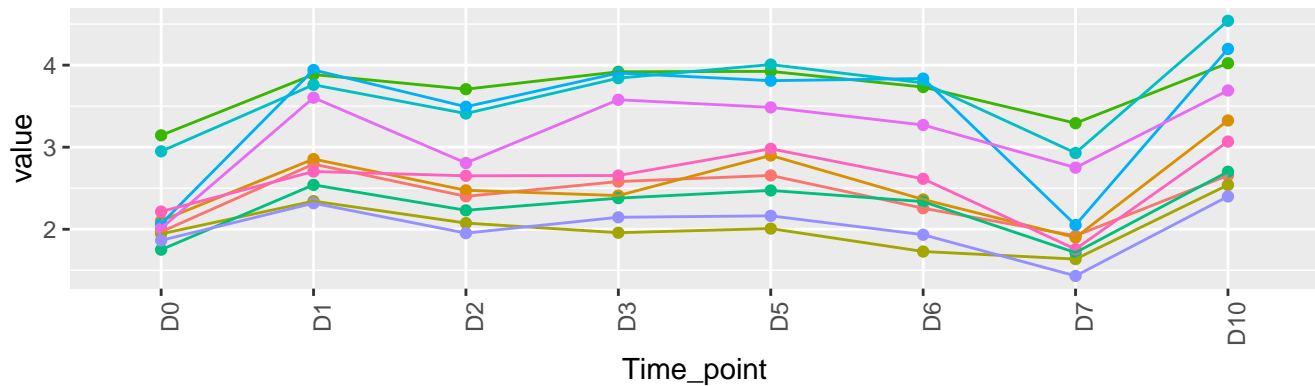
10 genes – KO-cluster-117-original



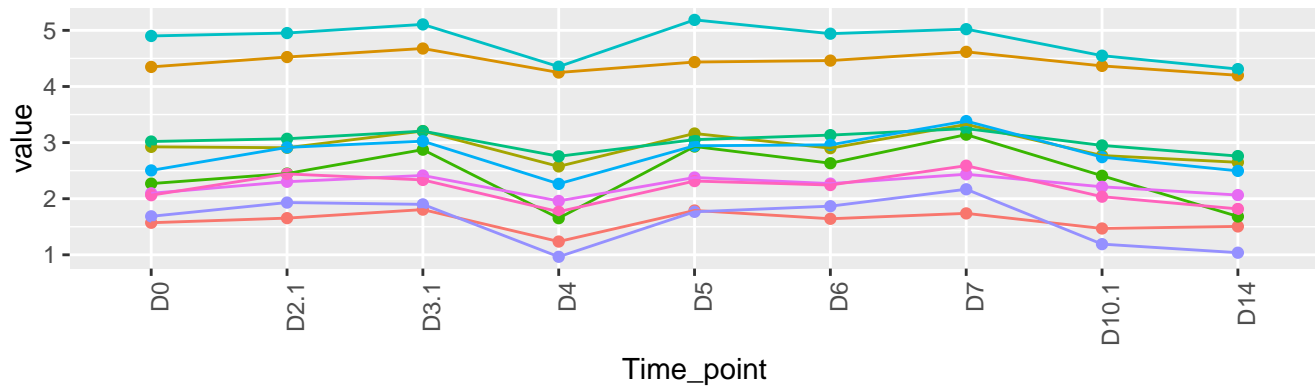
10 genes – WT-cluster-116-original



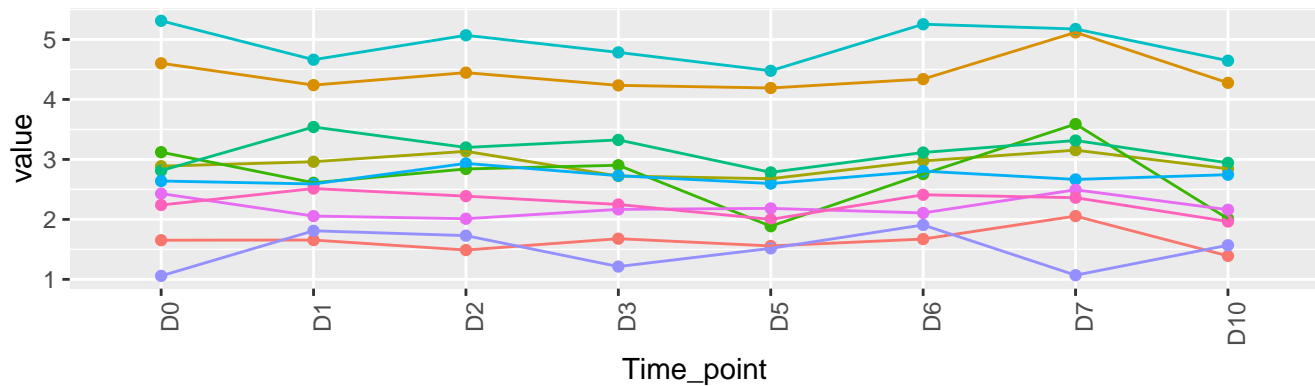
10 genes – KO-cluster-116-original



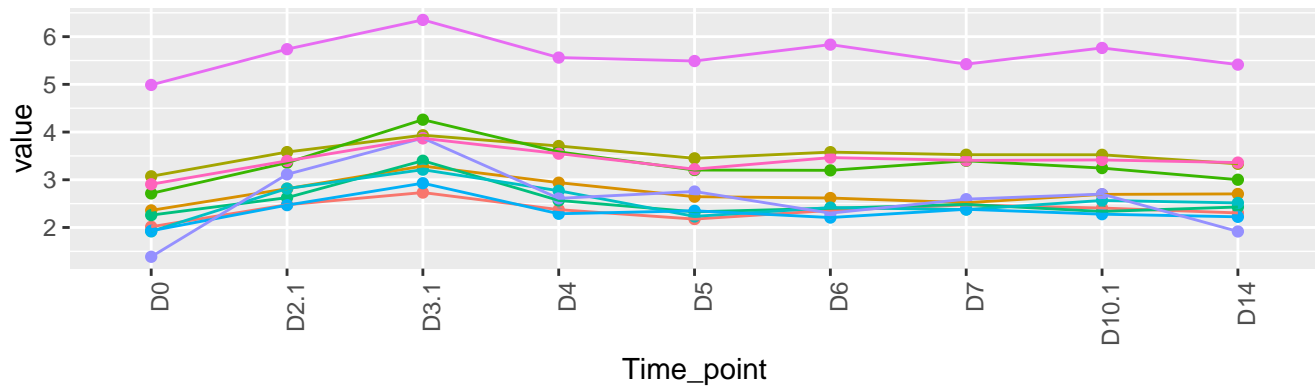
10 genes – WT-cluster-115-original



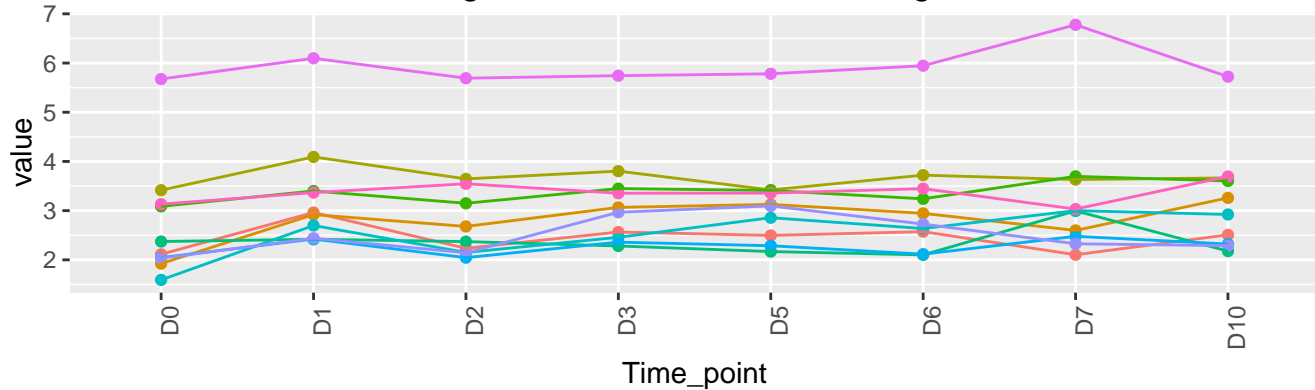
10 genes – KO-cluster-115-original



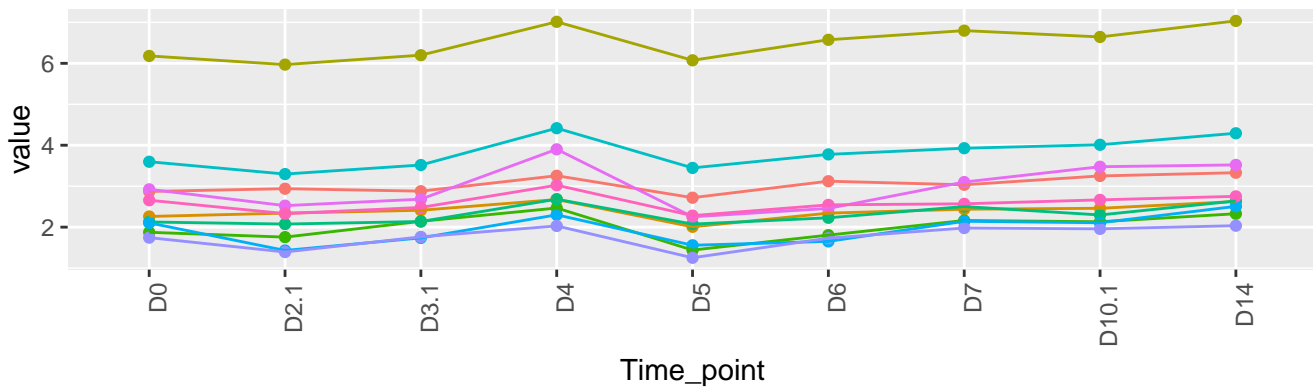
10 genes – WT-cluster-114-original



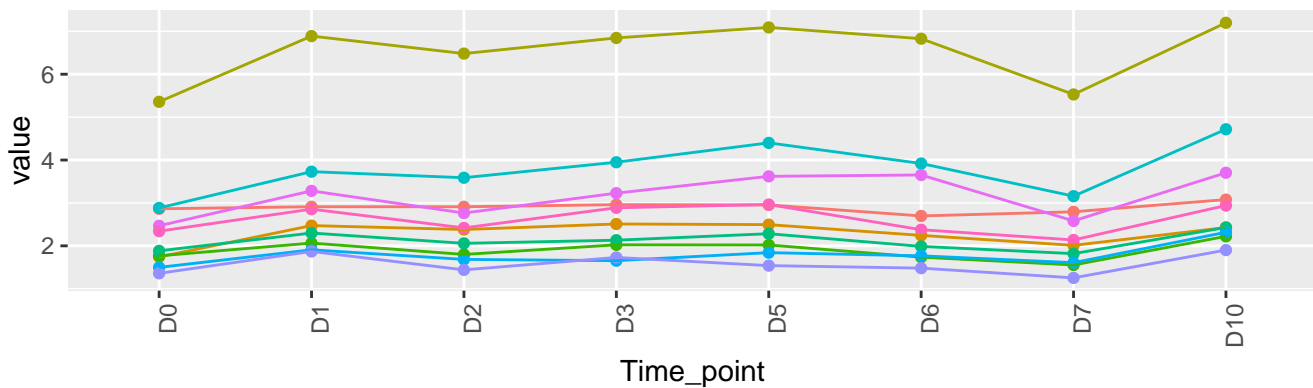
10 genes – KO-cluster-114-original



10 genes – WT-cluster-113-original

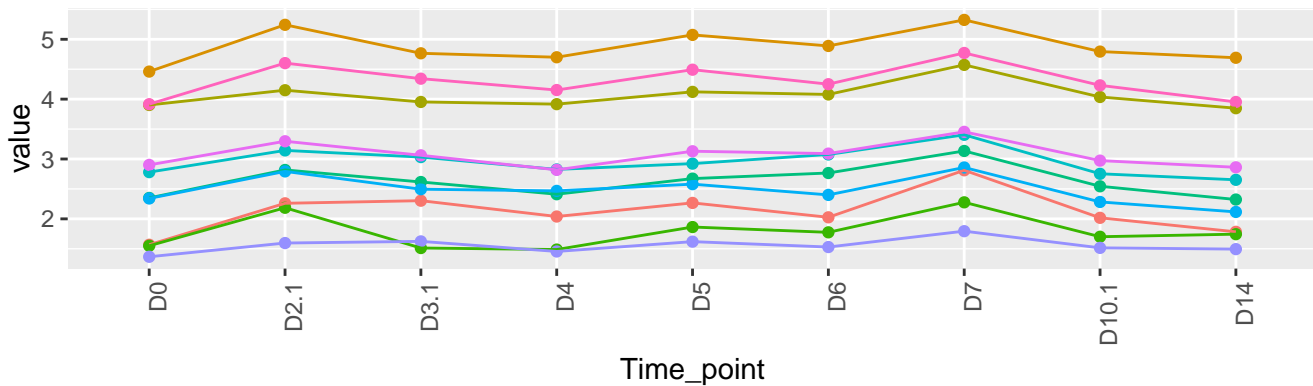


10 genes – KO-cluster-113-original

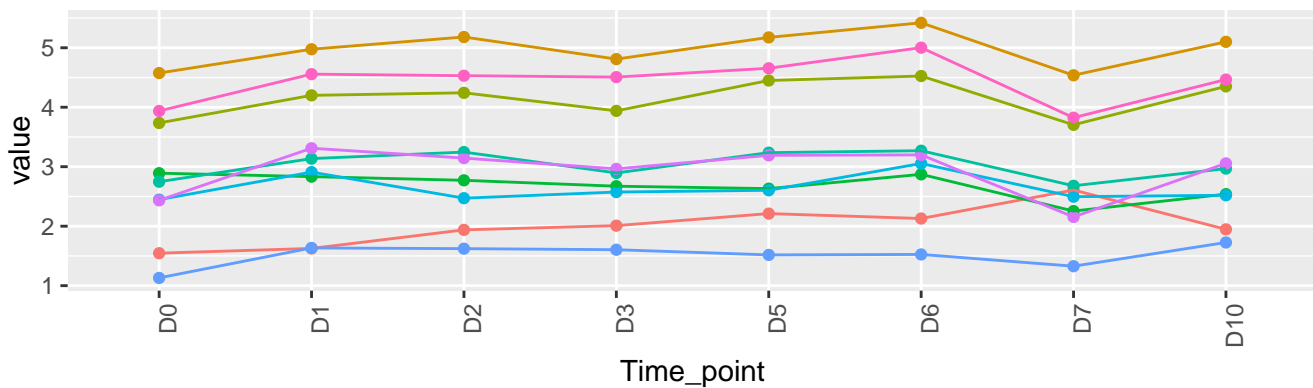




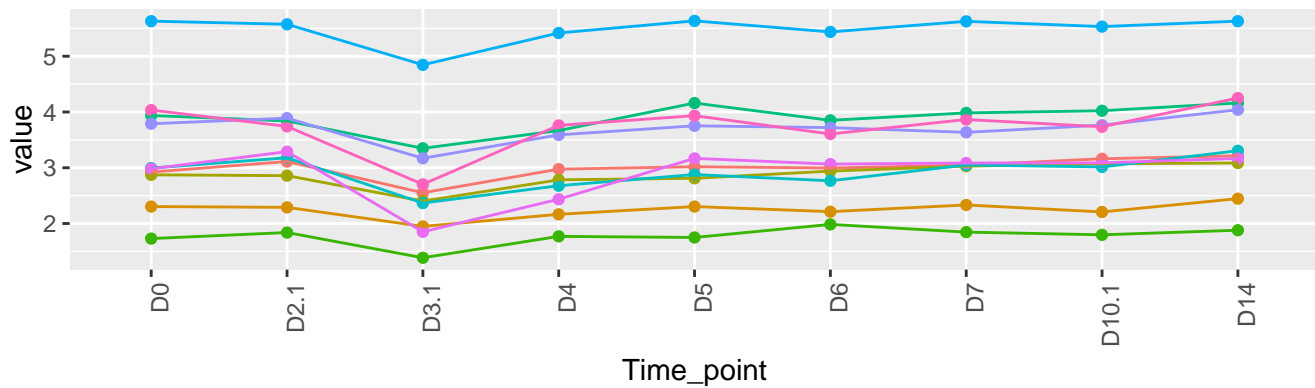
10 genes – WT-cluster-112-original



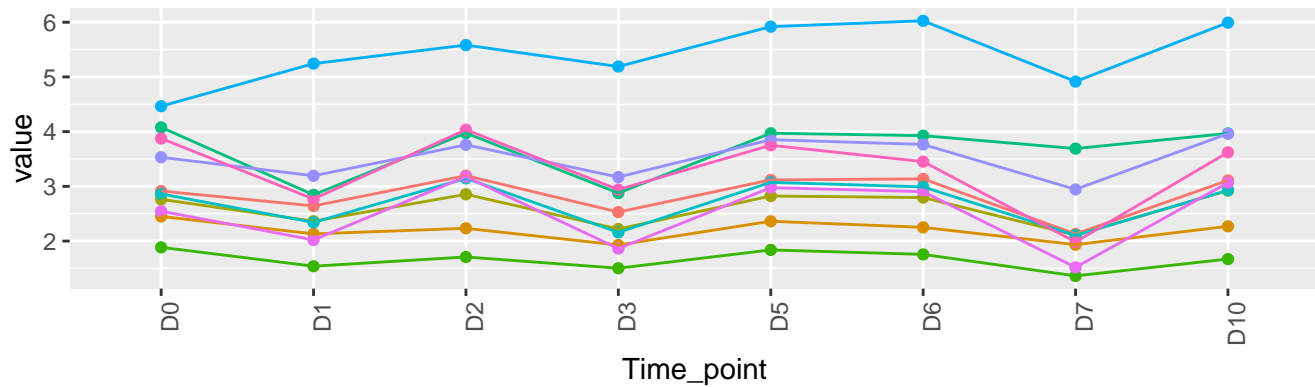
9 genes – KO-cluster-112-original



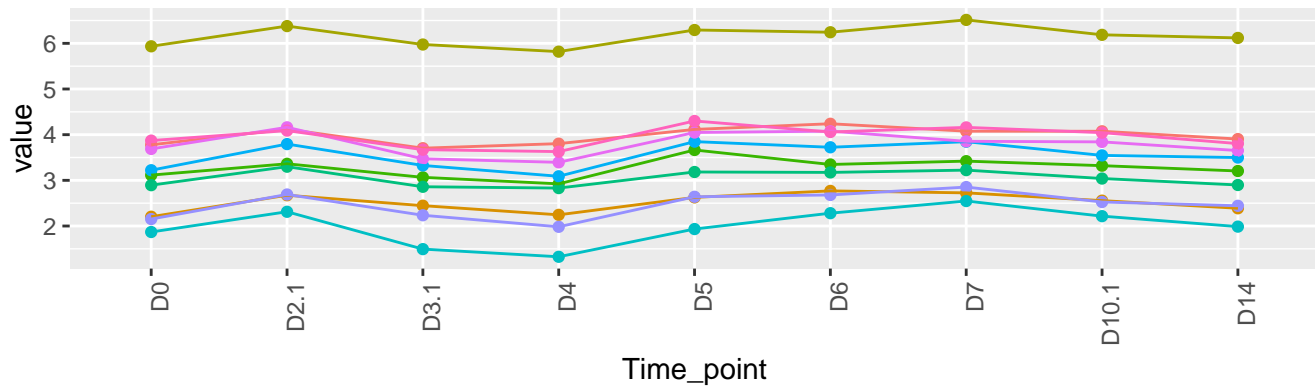
10 genes – WT-cluster-111-original



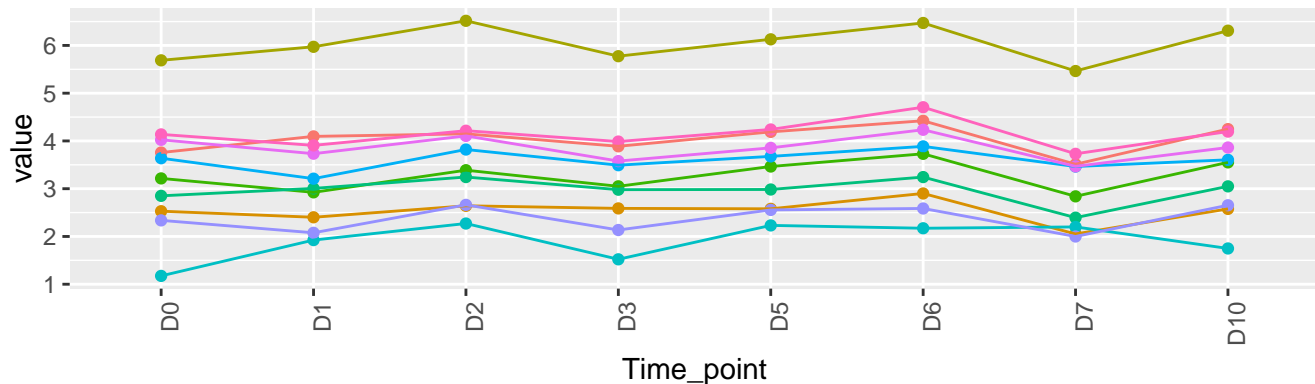
10 genes – KO-cluster-111-original



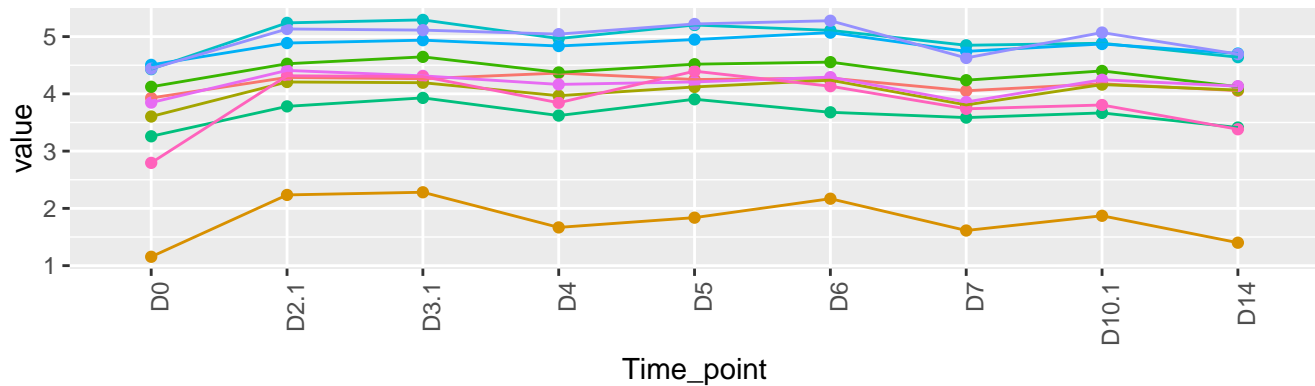
10 genes – WT-cluster-110-original



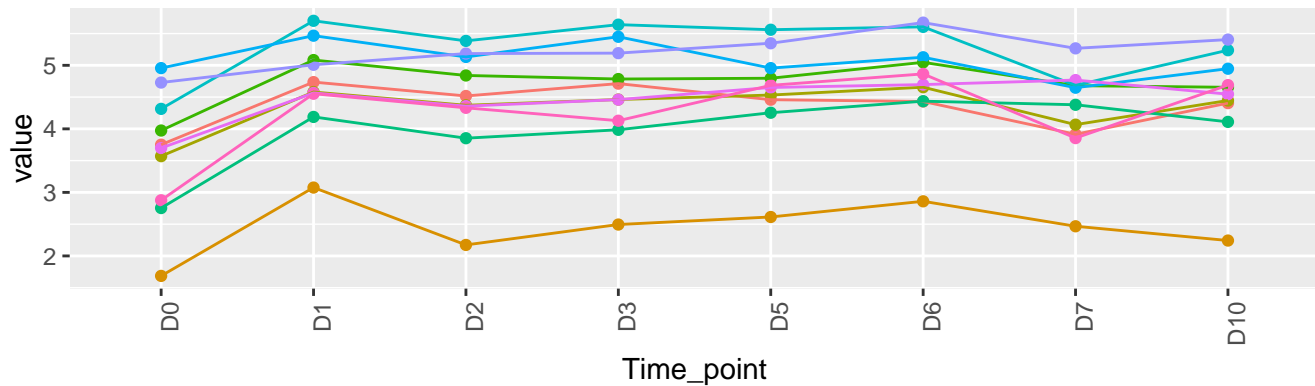
10 genes – KO-cluster-110-original



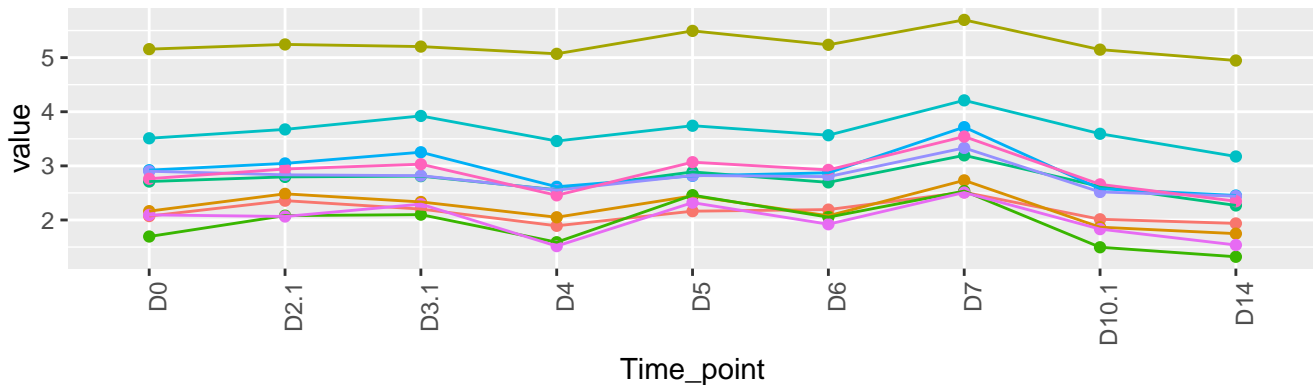
10 genes – WT-cluster-109-original



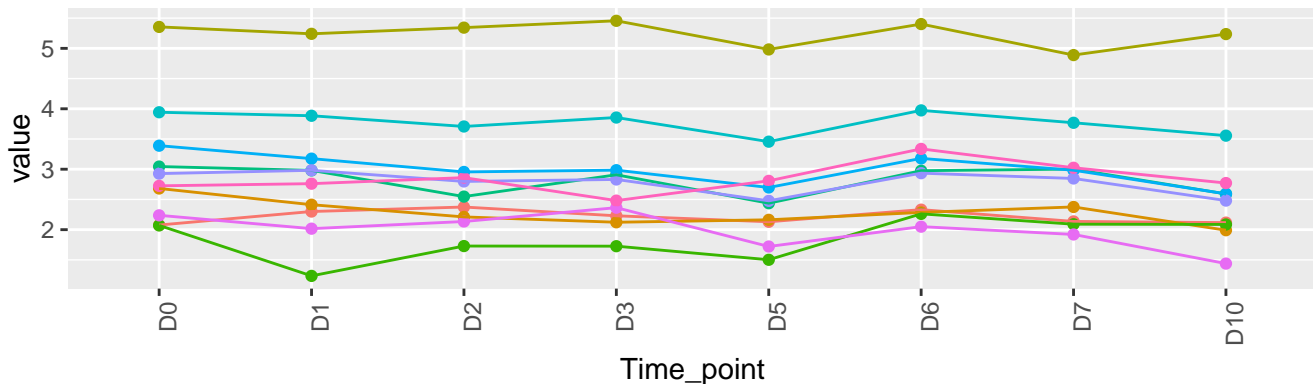
10 genes – KO-cluster-109-original



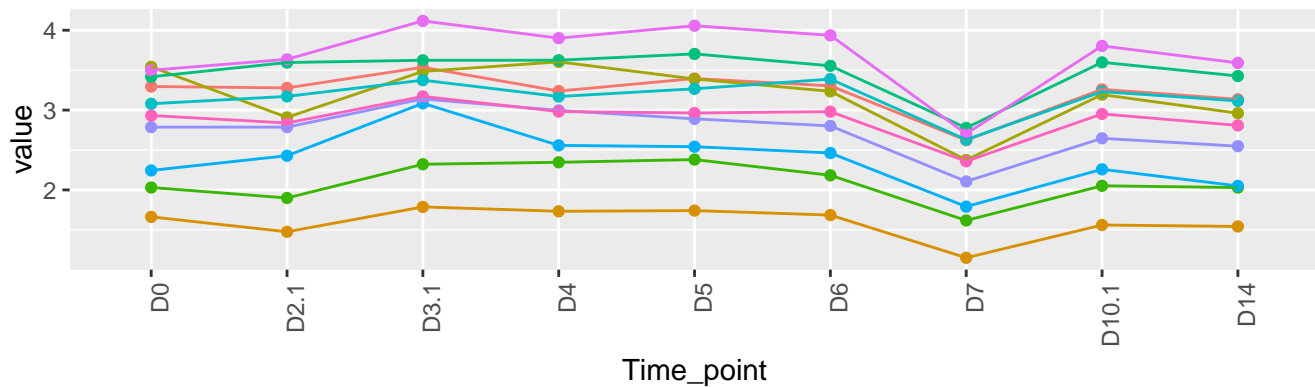
10 genes – WT-cluster-108-original



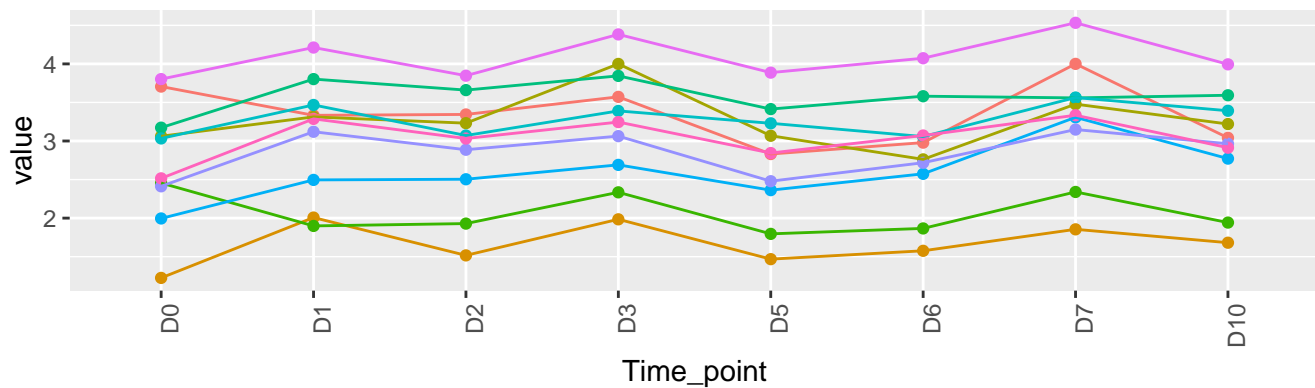
10 genes – KO-cluster-108-original



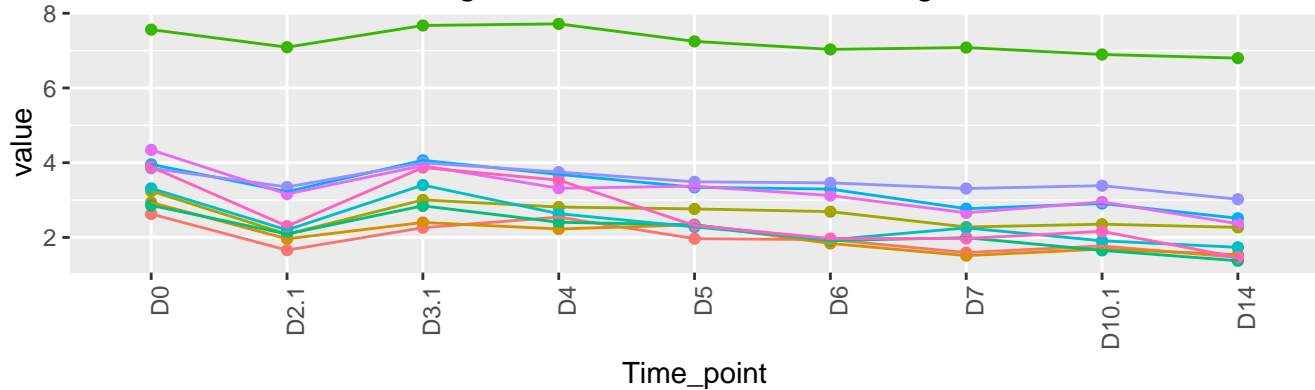
10 genes – WT-cluster-107-original



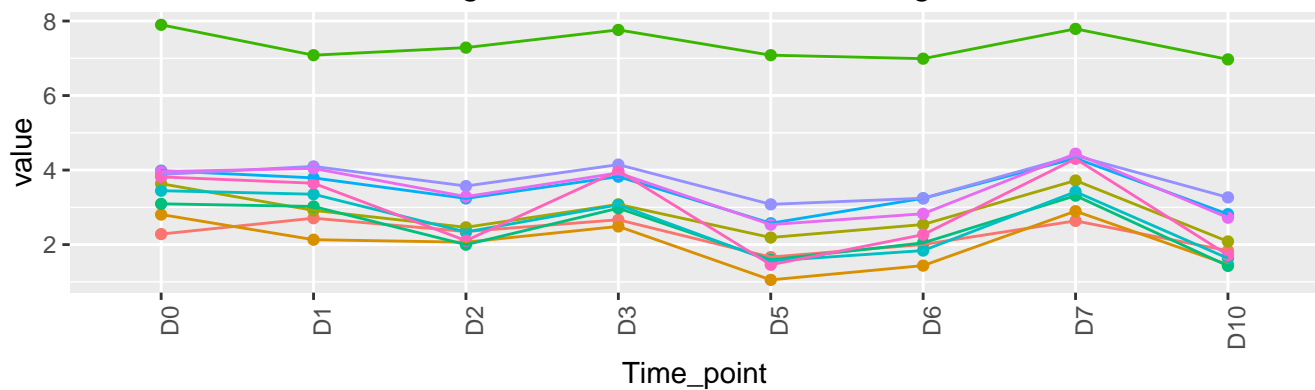
10 genes – KO-cluster-107-original



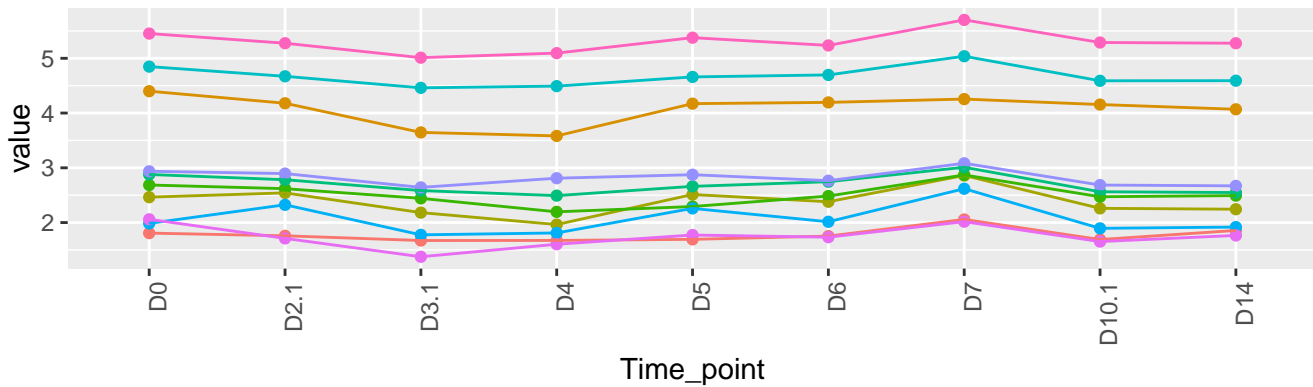
10 genes – WT-cluster-106-original



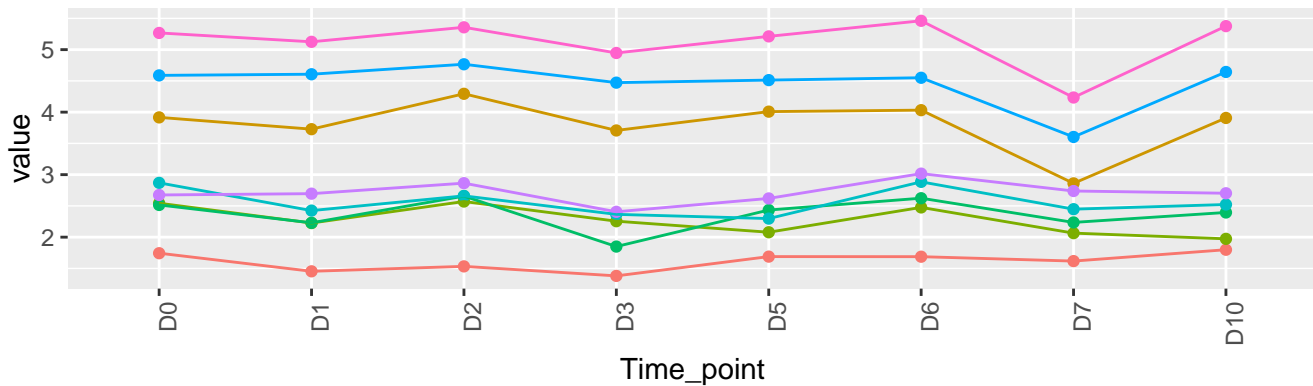
10 genes – KO-cluster-106-original



10 genes – WT-cluster-105-original

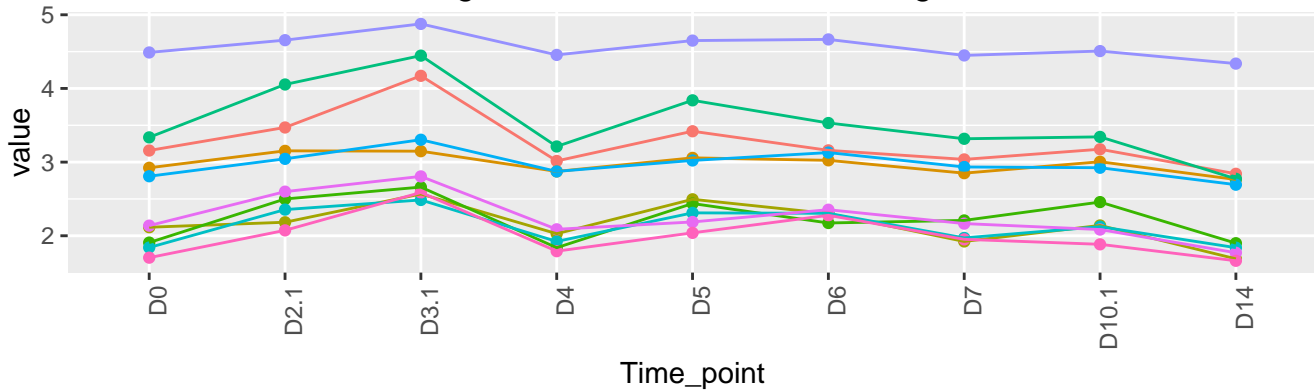


8 genes – KO-cluster-105-original

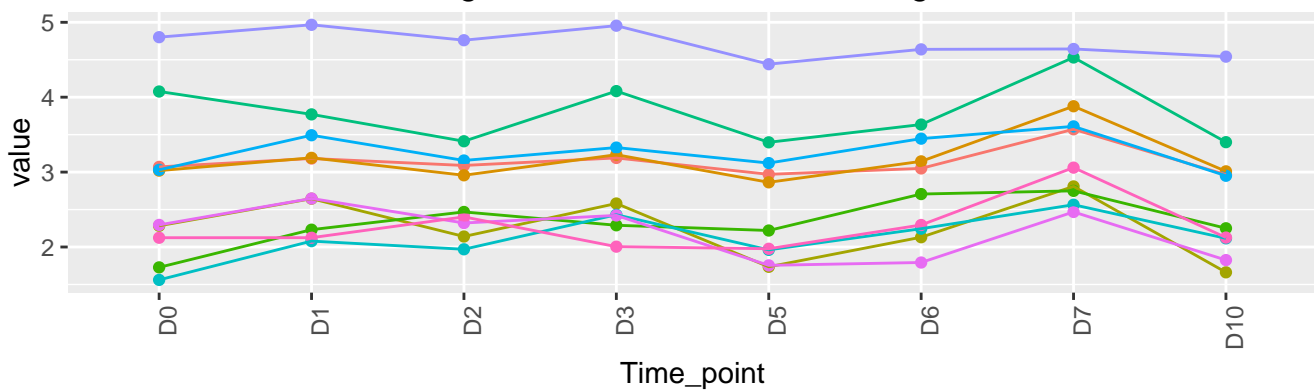




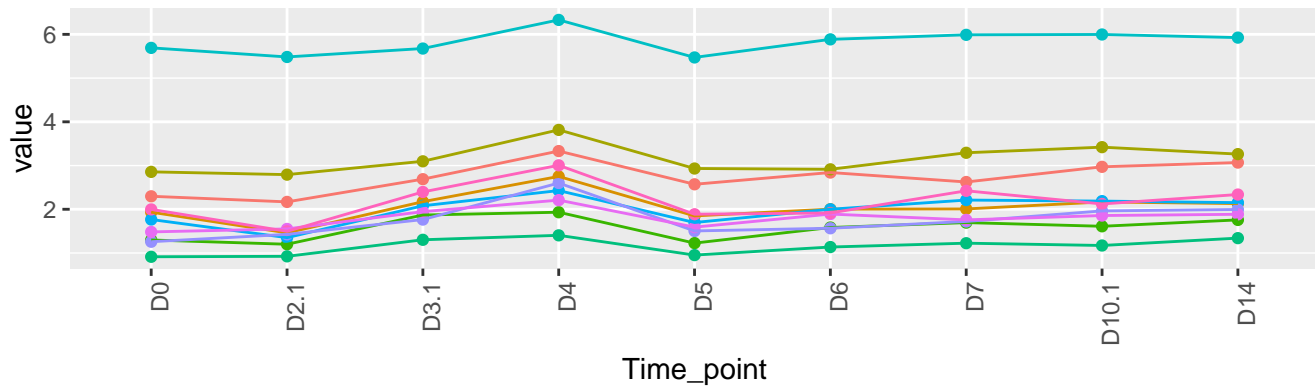
10 genes – WT-cluster-104-original



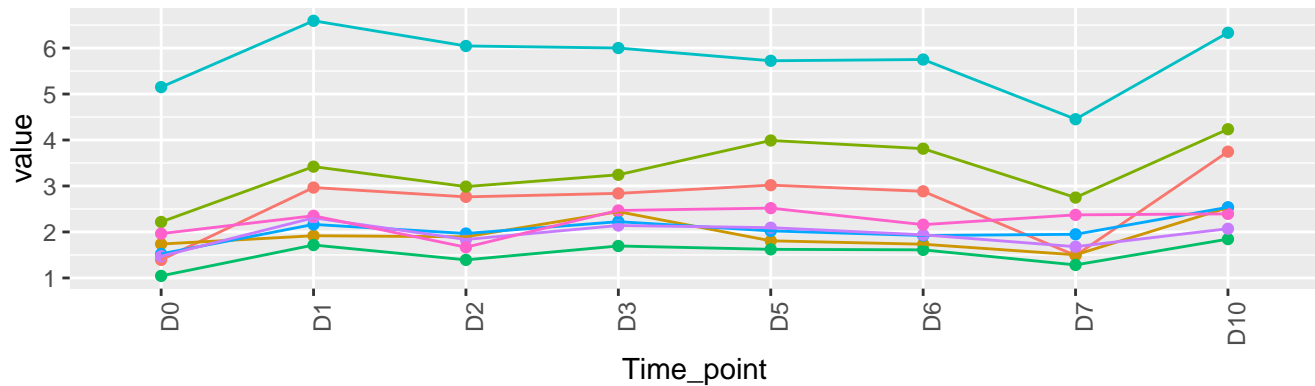
10 genes – KO-cluster-104-original



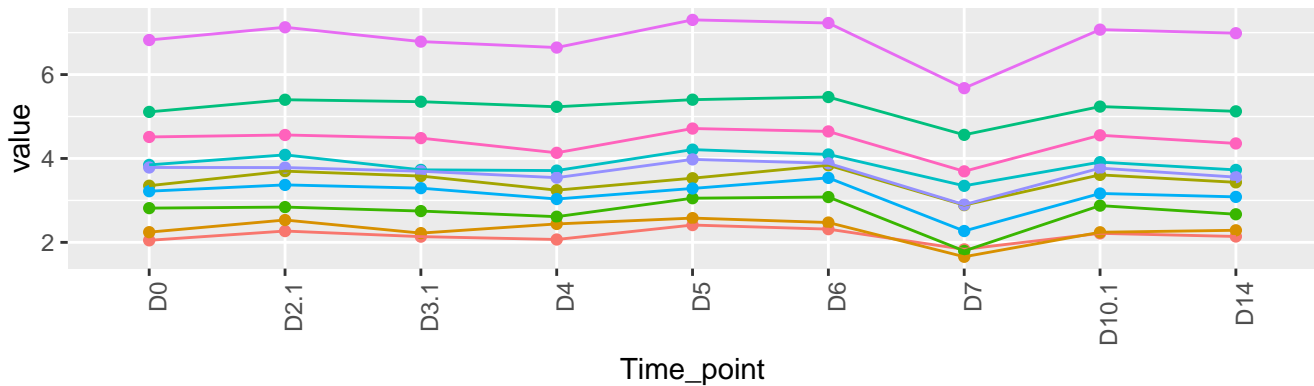
10 genes – WT-cluster-103-original



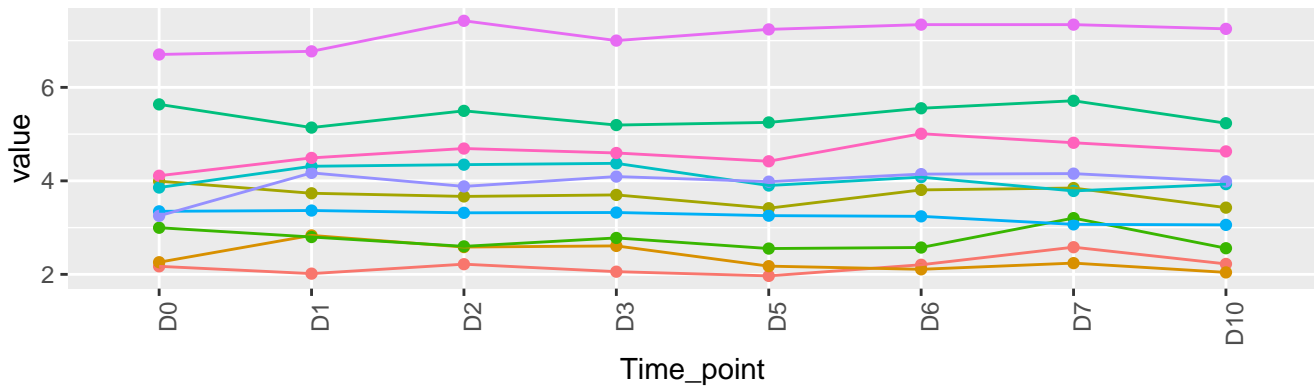
8 genes – KO-cluster-103-original



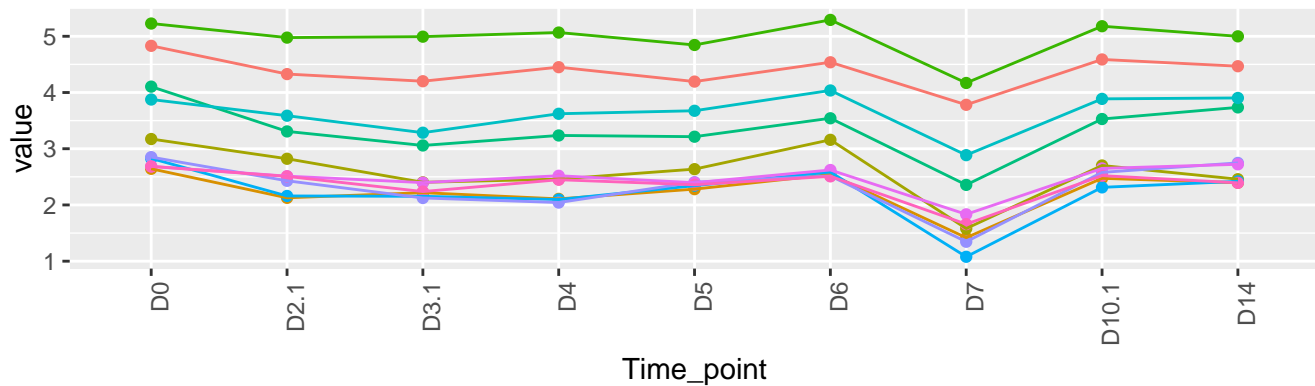
10 genes – WT-cluster-102-original



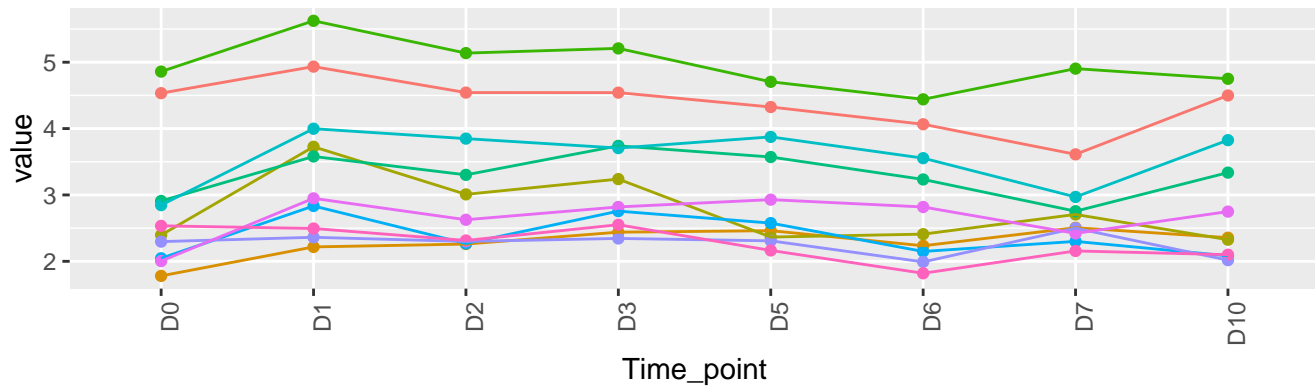
10 genes – KO-cluster-102-original



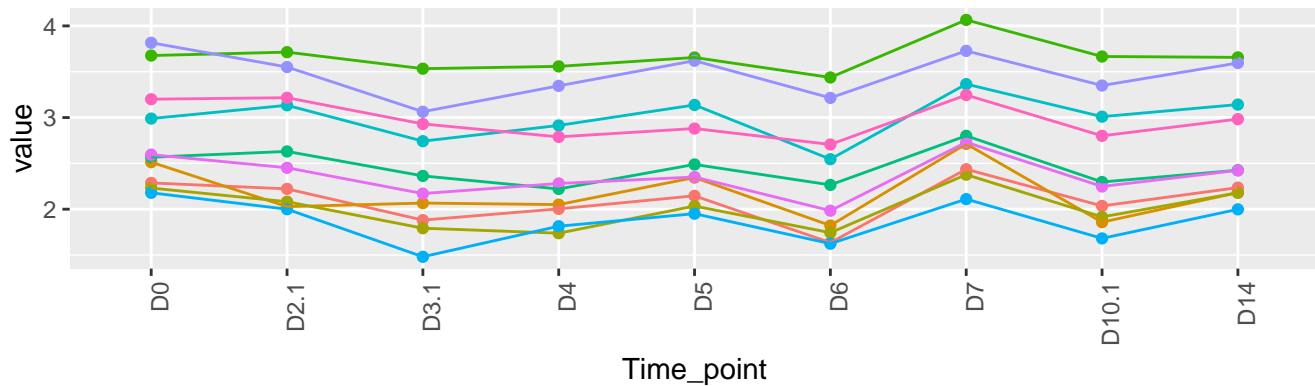
10 genes – WT-cluster-101-original



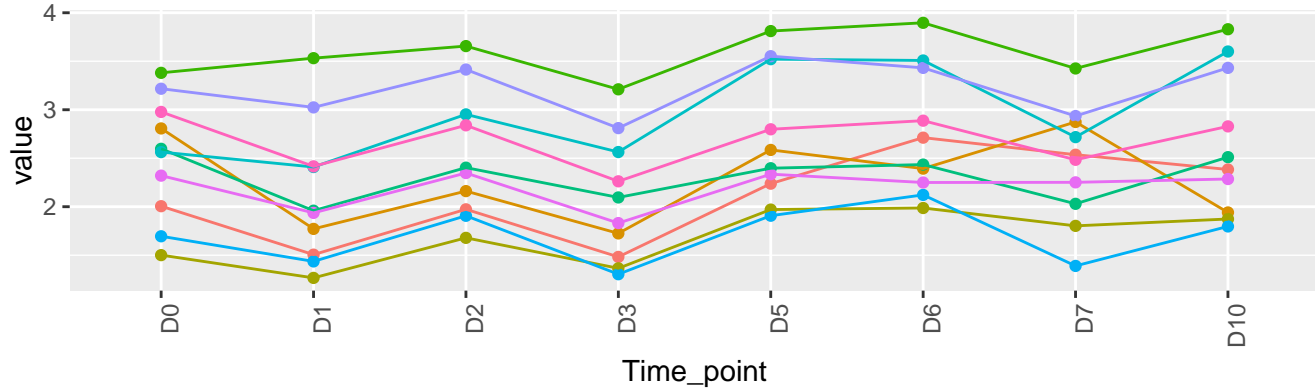
10 genes – KO-cluster-101-original



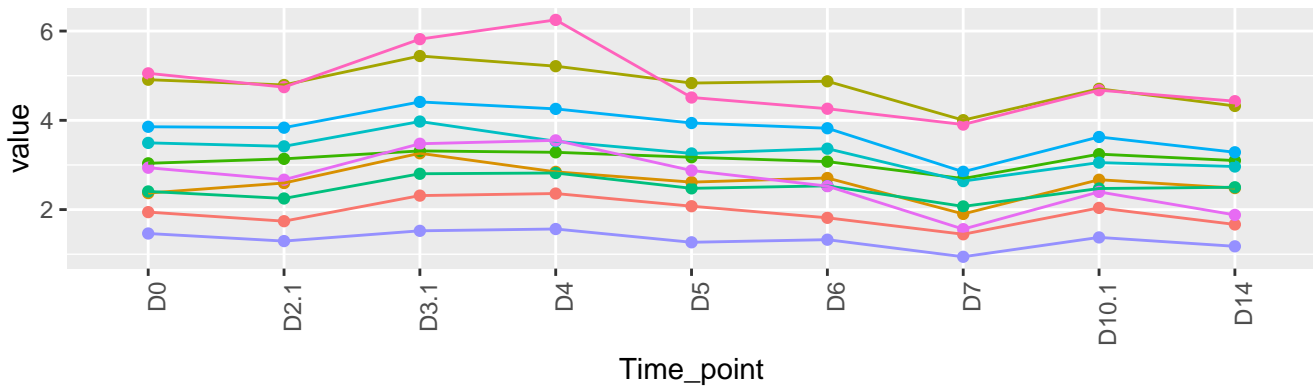
10 genes – WT-cluster-100-original



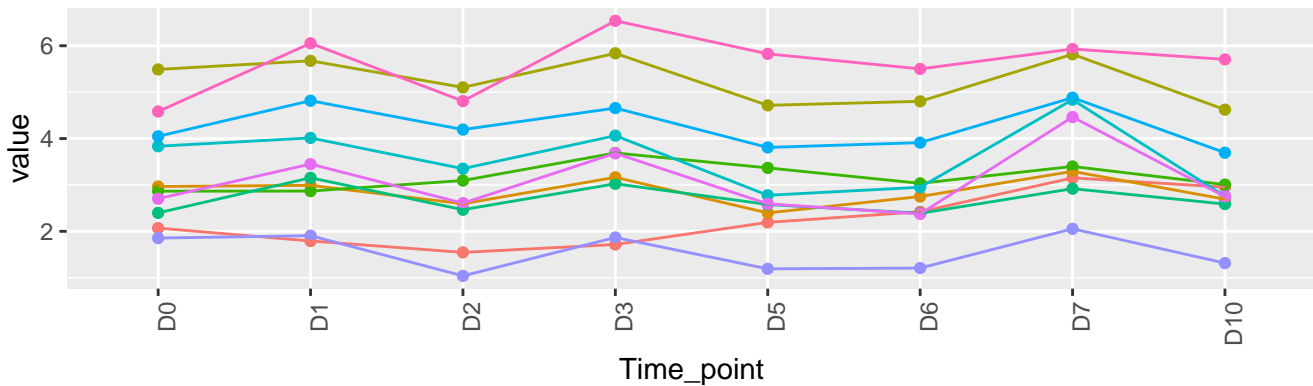
10 genes – KO-cluster-100-original



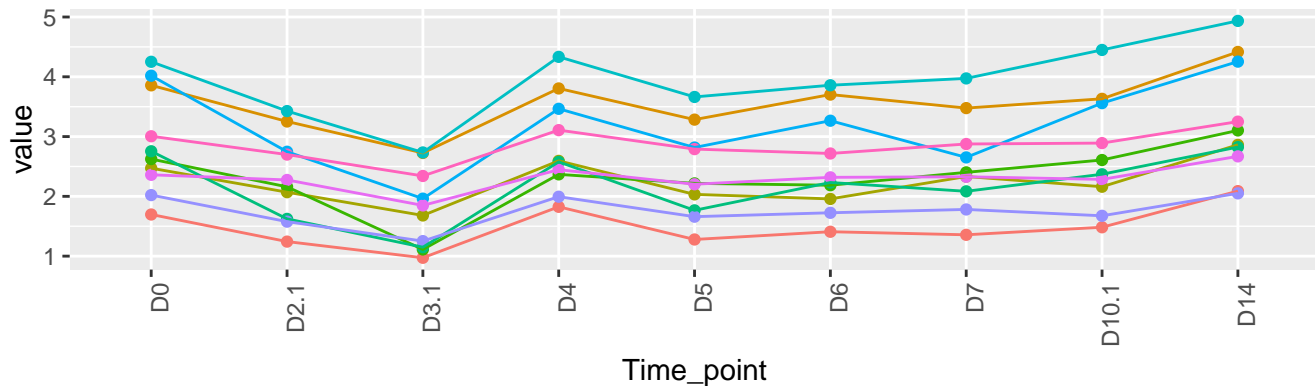
10 genes – WT-cluster-99-original



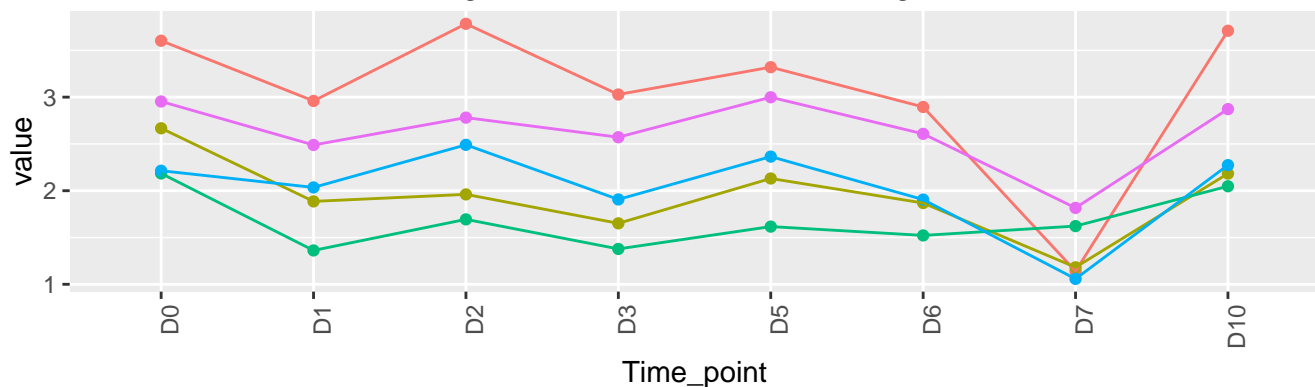
10 genes – KO-cluster-99-original



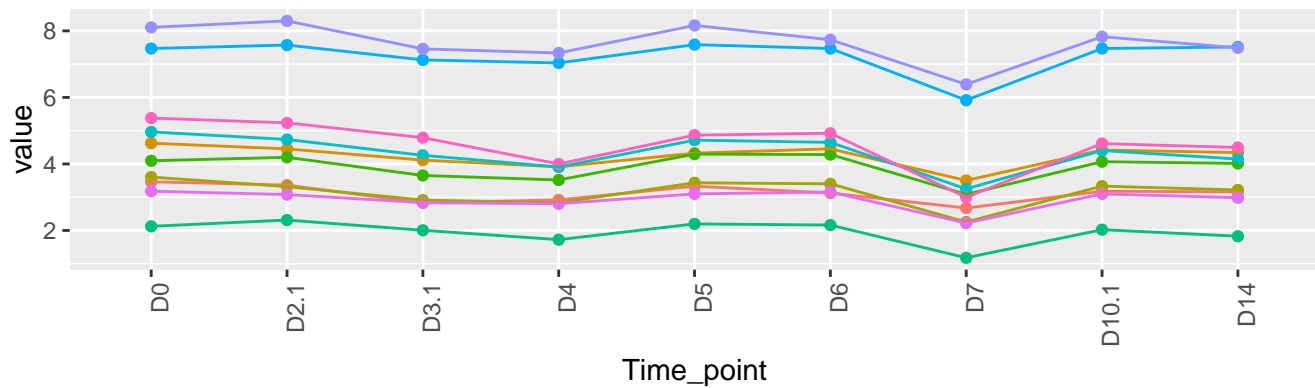
10 genes – WT-cluster-98-original



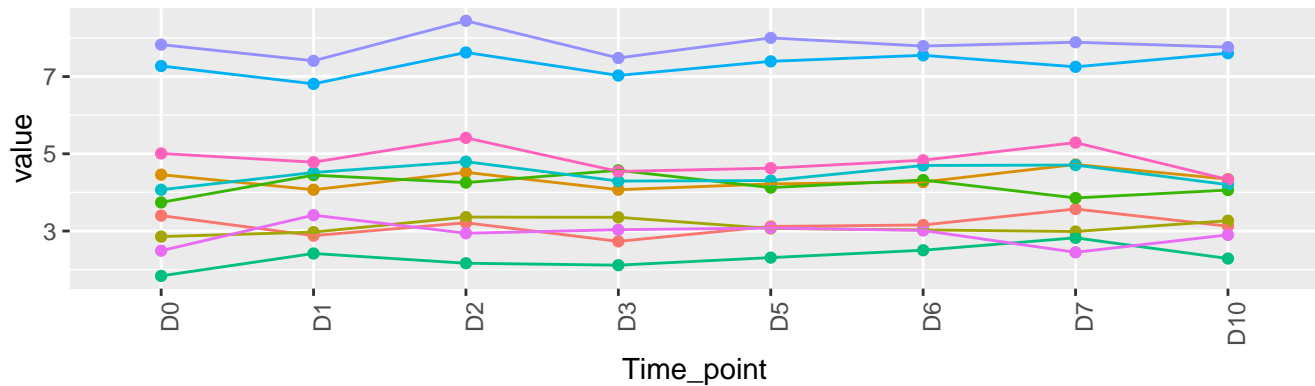
5 genes – KO-cluster-98-original



10 genes – WT-cluster-97-original

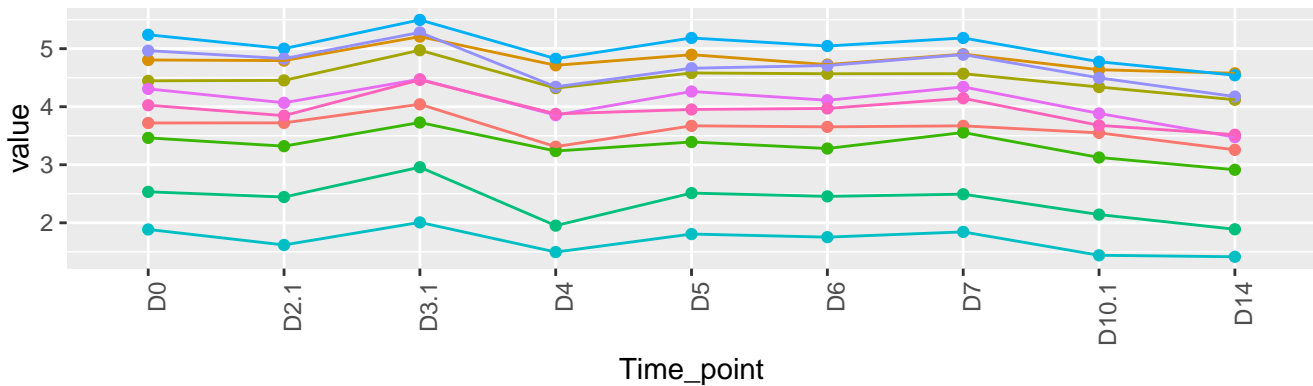


10 genes – KO-cluster-97-original

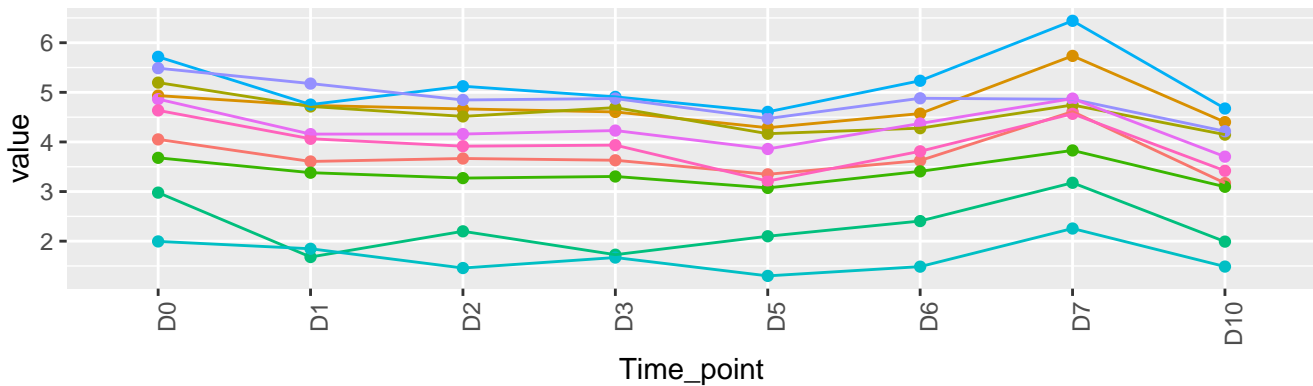




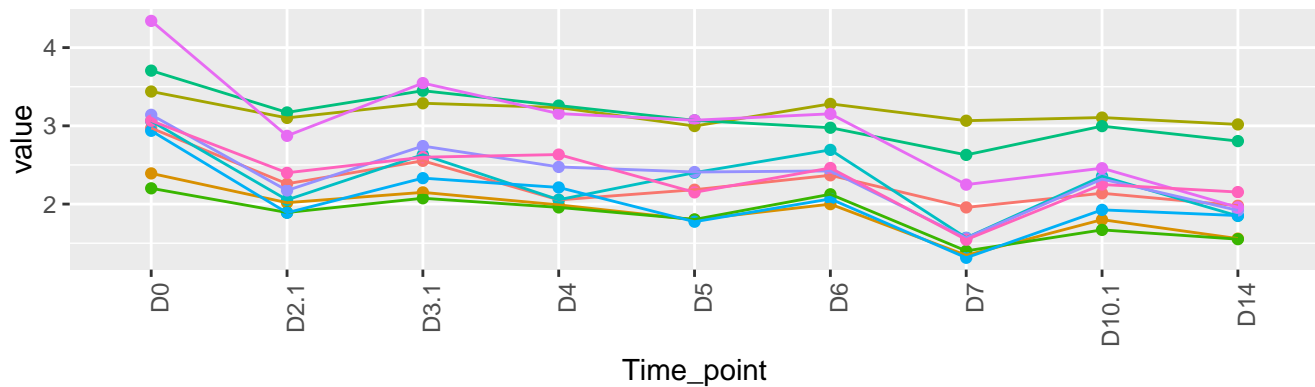
10 genes – WT-cluster-96-original



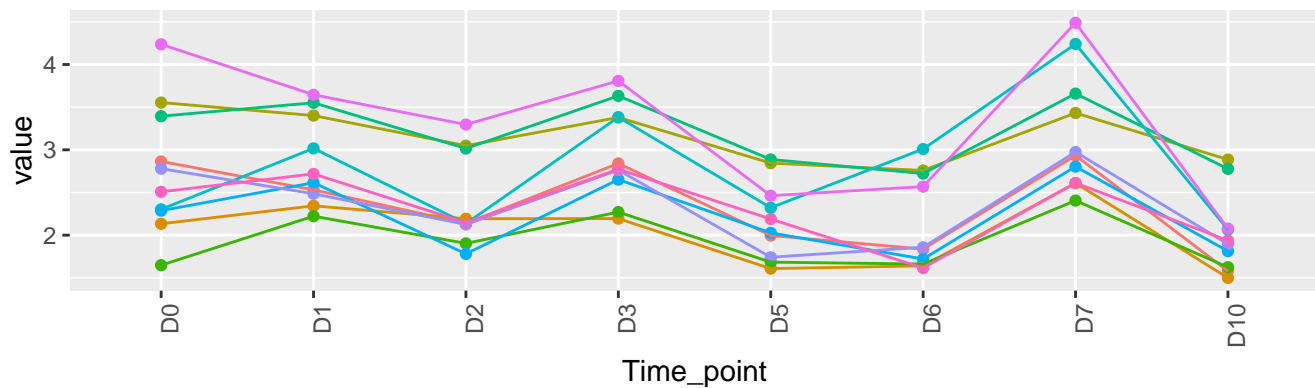
10 genes – KO-cluster-96-original



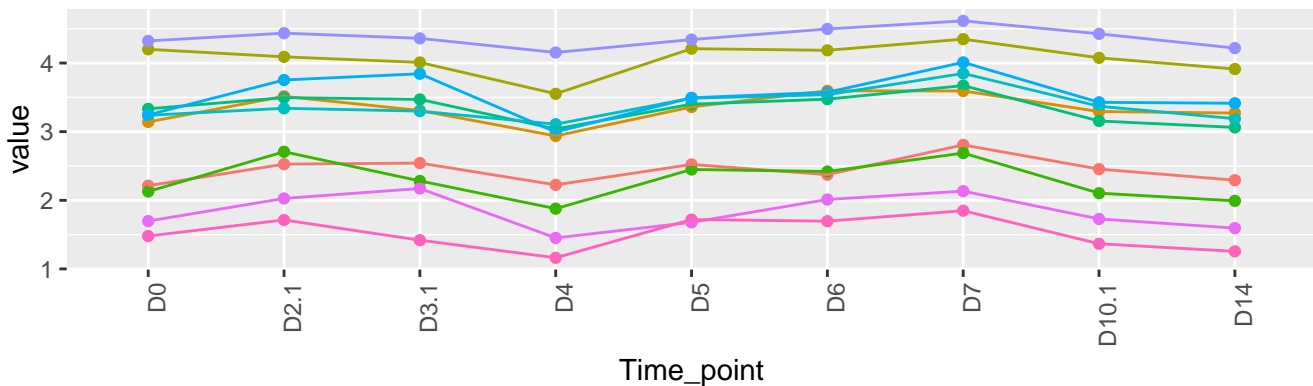
10 genes – WT-cluster-95-original



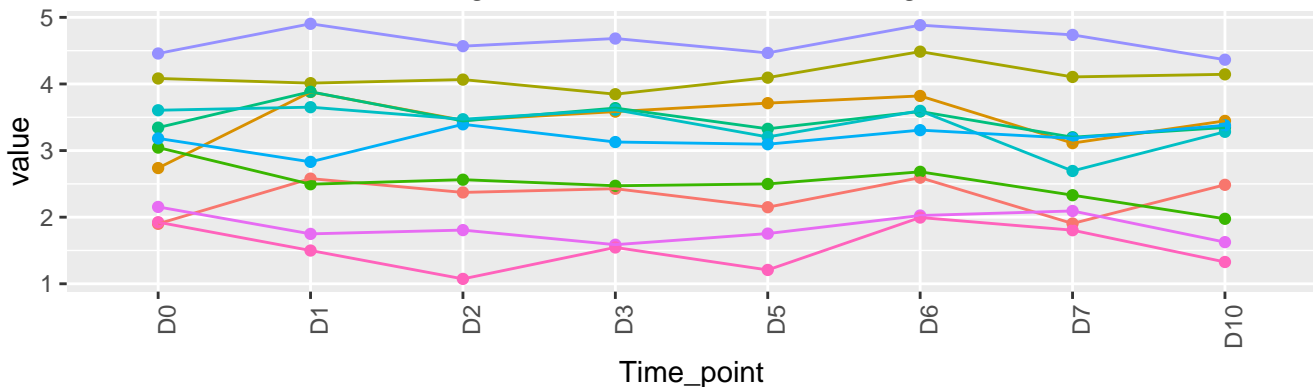
10 genes – KO-cluster-95-original



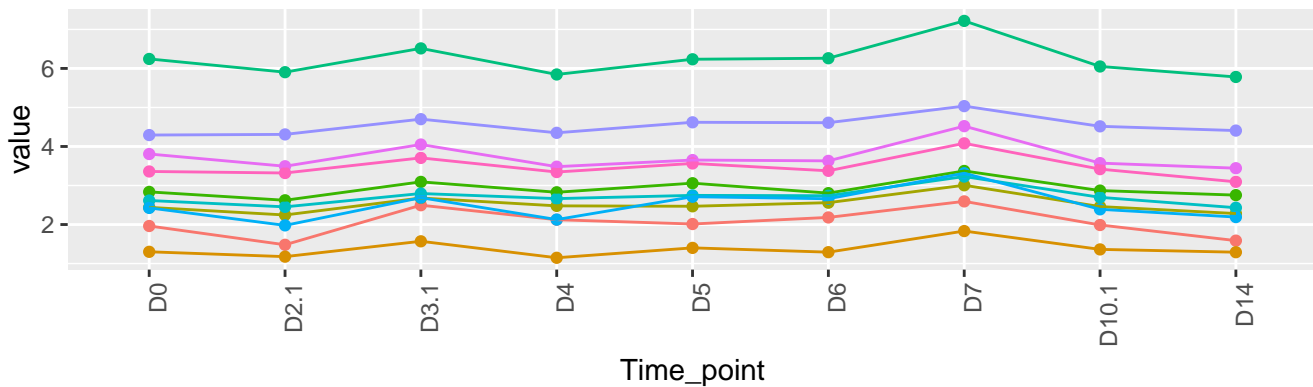
10 genes – WT-cluster-94-original



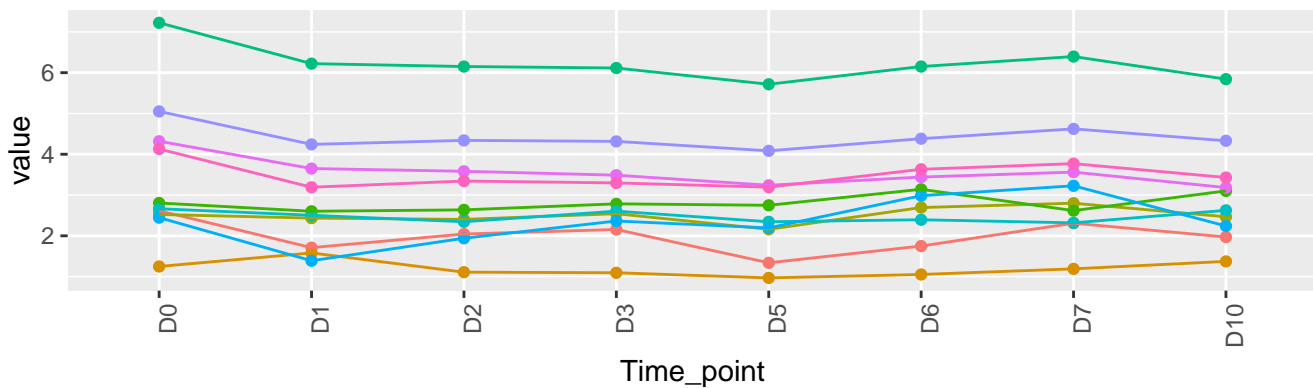
10 genes – KO-cluster-94-original



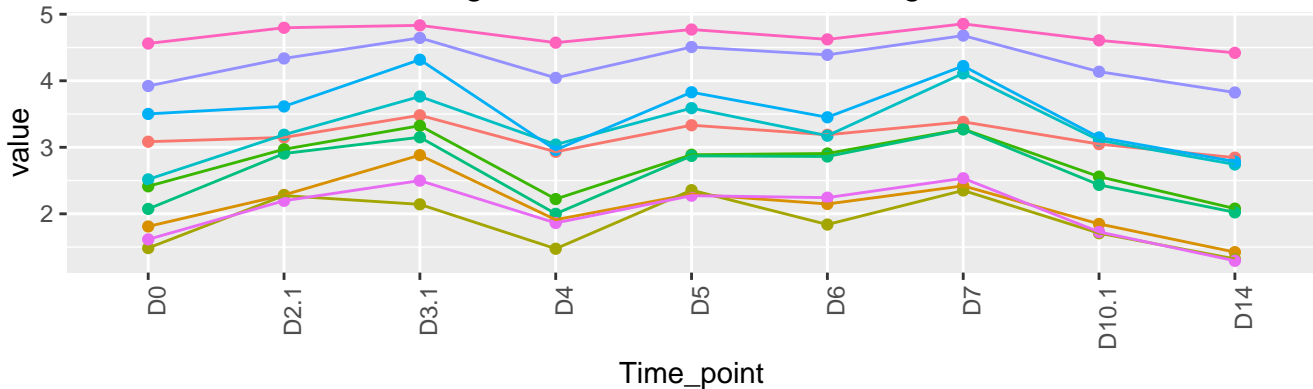
10 genes – WT-cluster-93-original



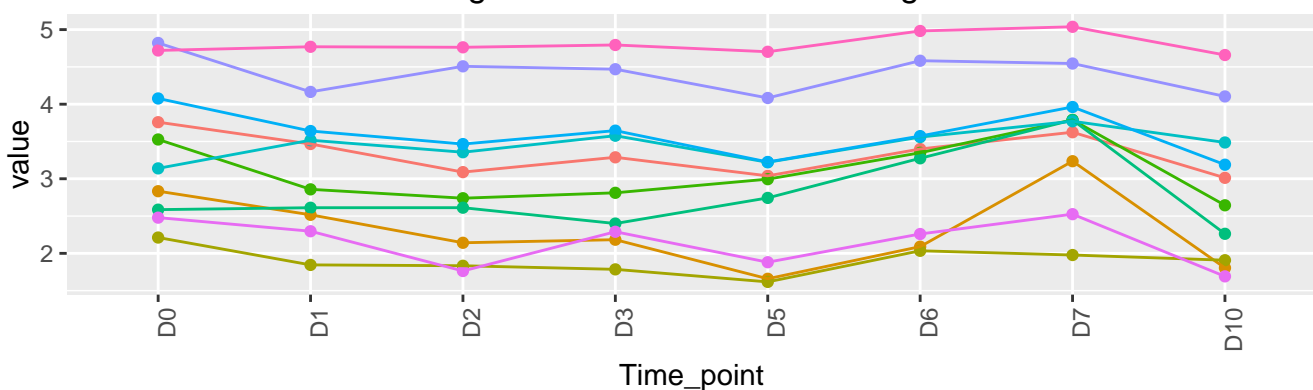
10 genes – KO-cluster-93-original



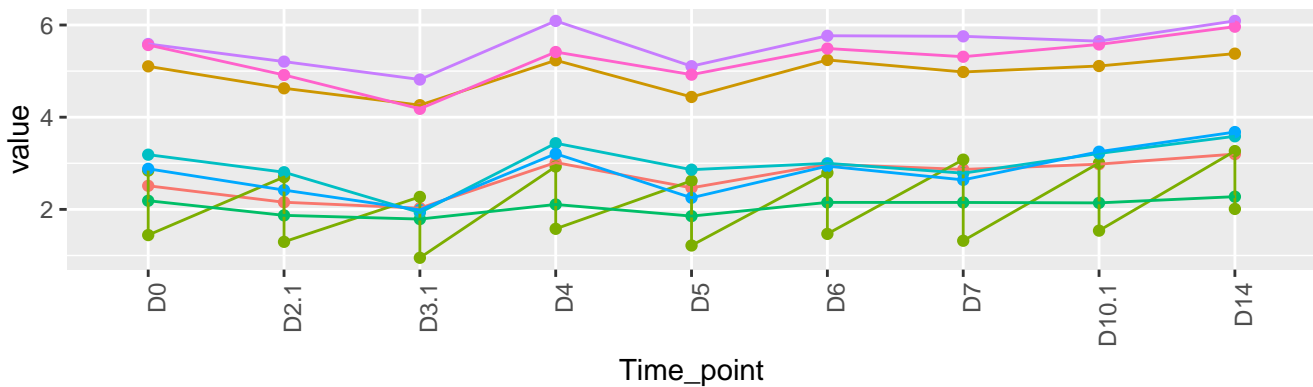
10 genes – WT-cluster-92-original



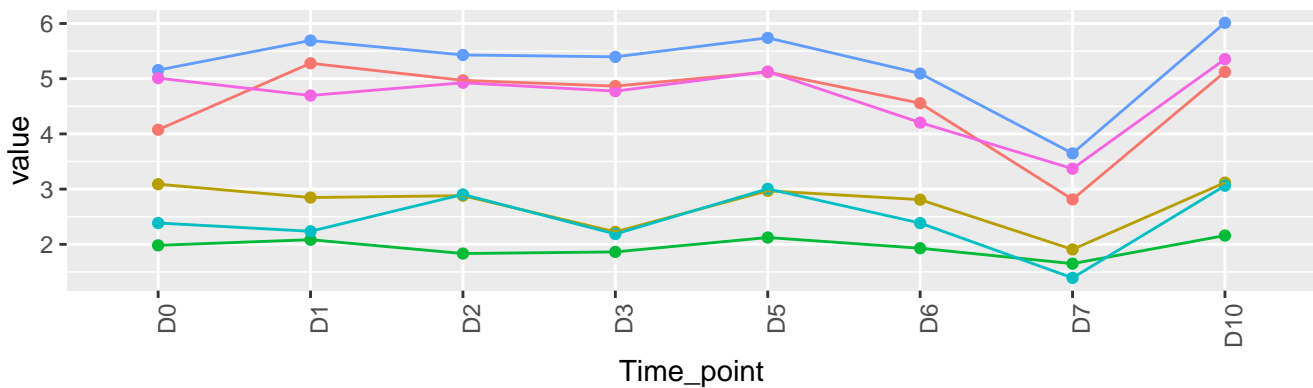
10 genes – KO-cluster-92-original



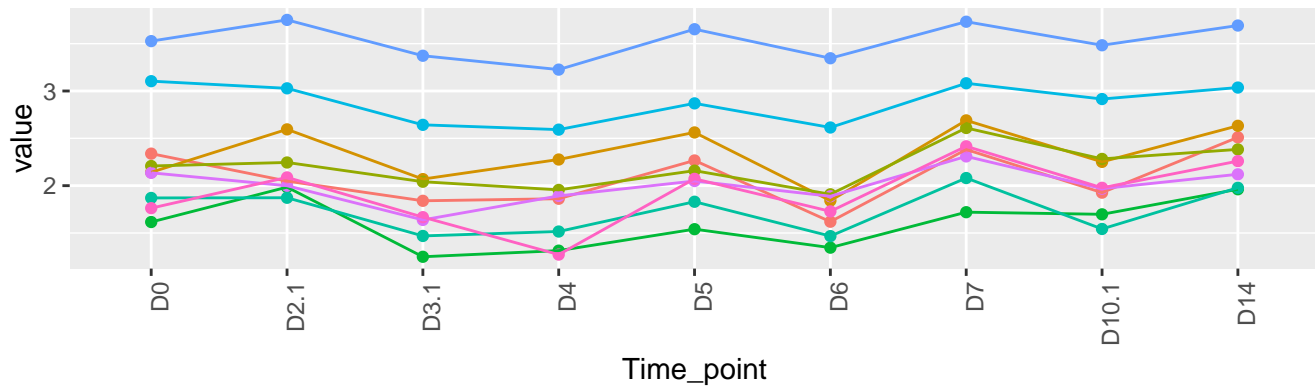
9 genes – WT-cluster-91-original



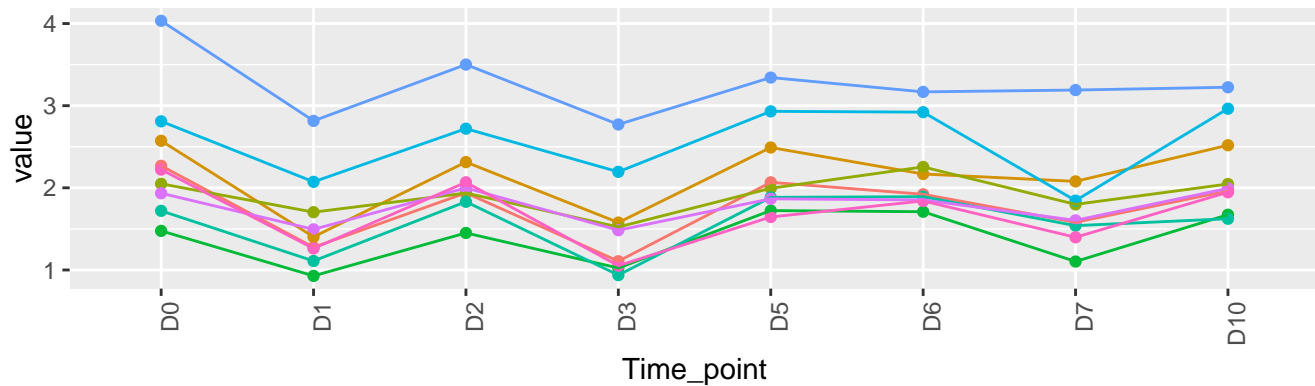
6 genes – KO-cluster-91-original



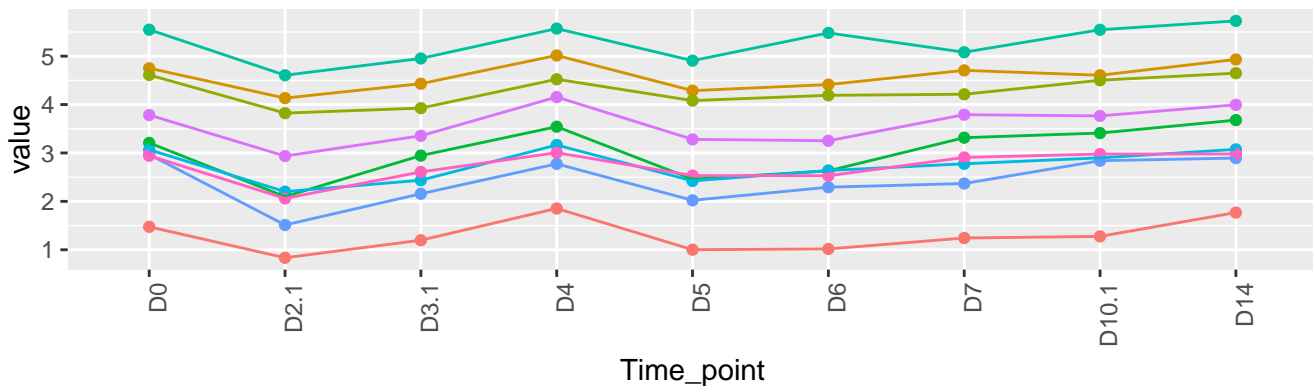
9 genes – WT-cluster-90-original



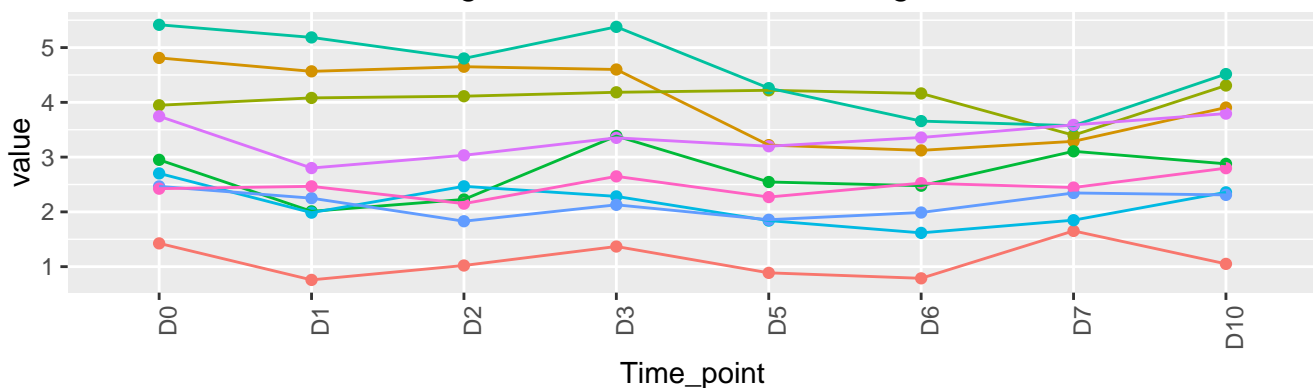
9 genes – KO-cluster-90-original



9 genes – WT-cluster-89-original

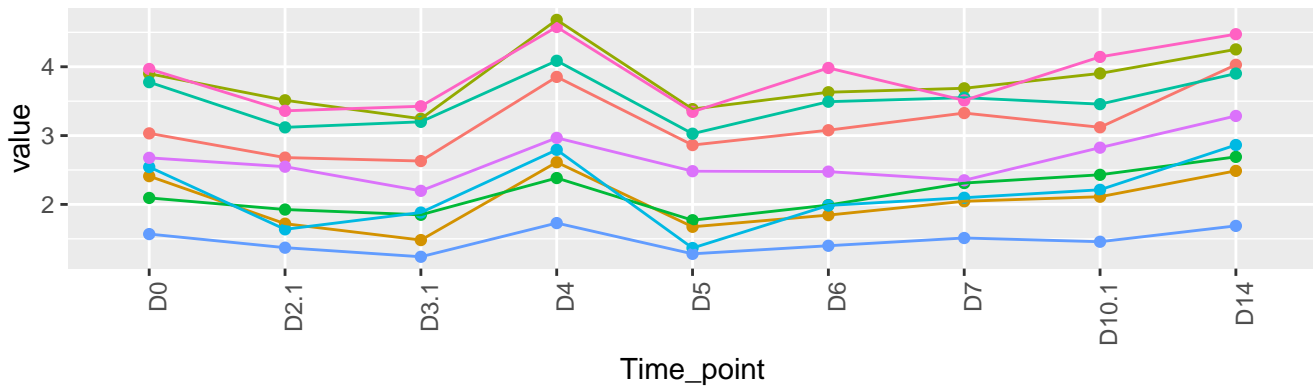


9 genes – KO-cluster-89-original

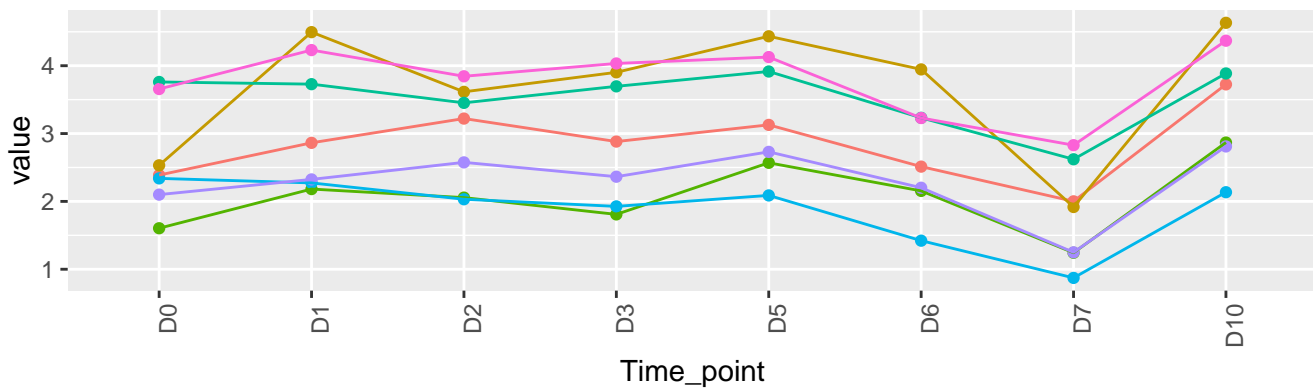




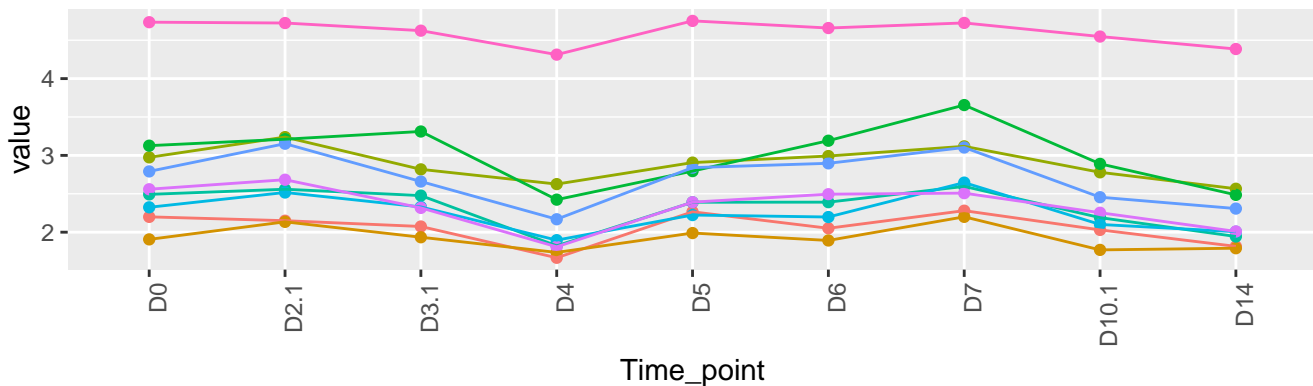
9 genes – WT-cluster-88-original



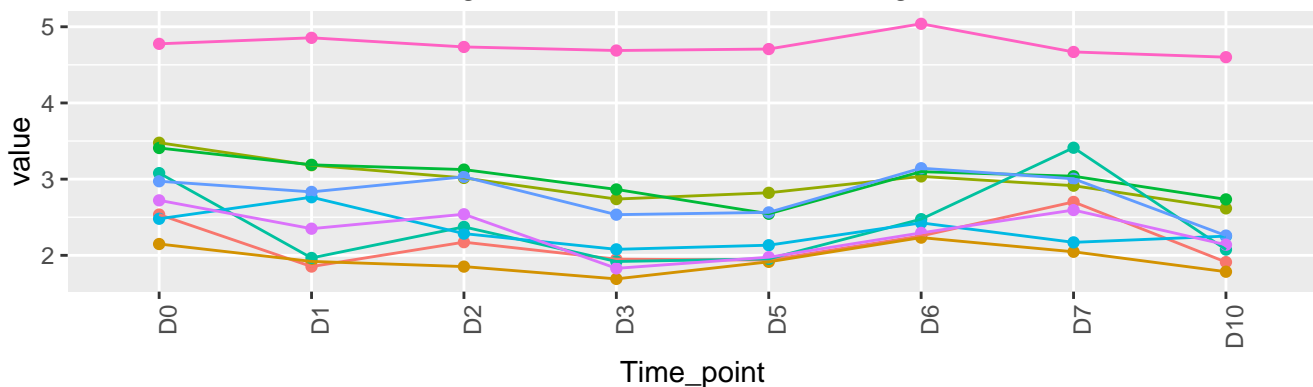
7 genes – KO-cluster-88-original



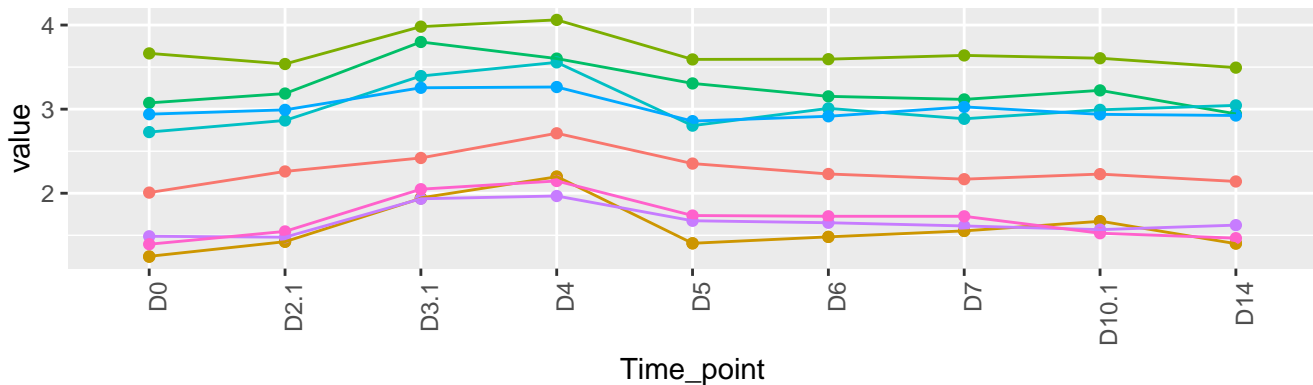
9 genes – WT-cluster-87-original



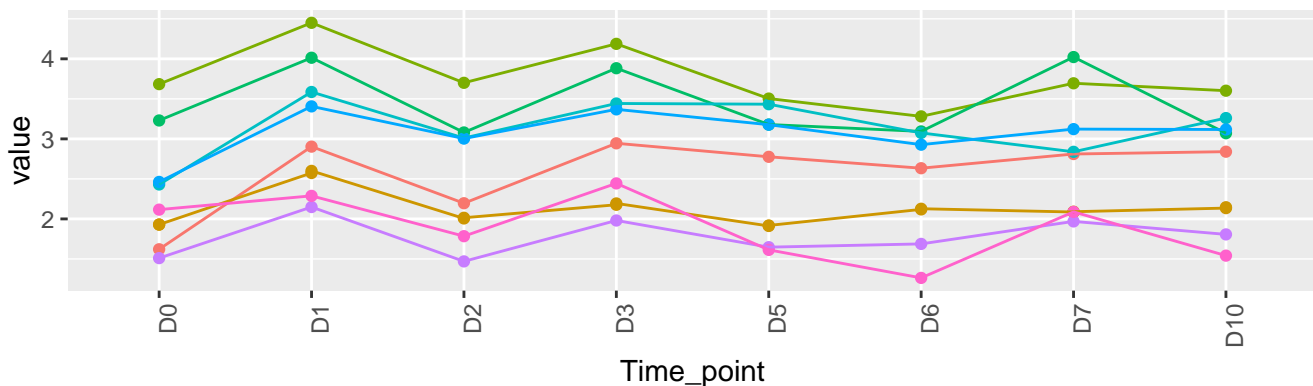
9 genes – KO-cluster-87-original



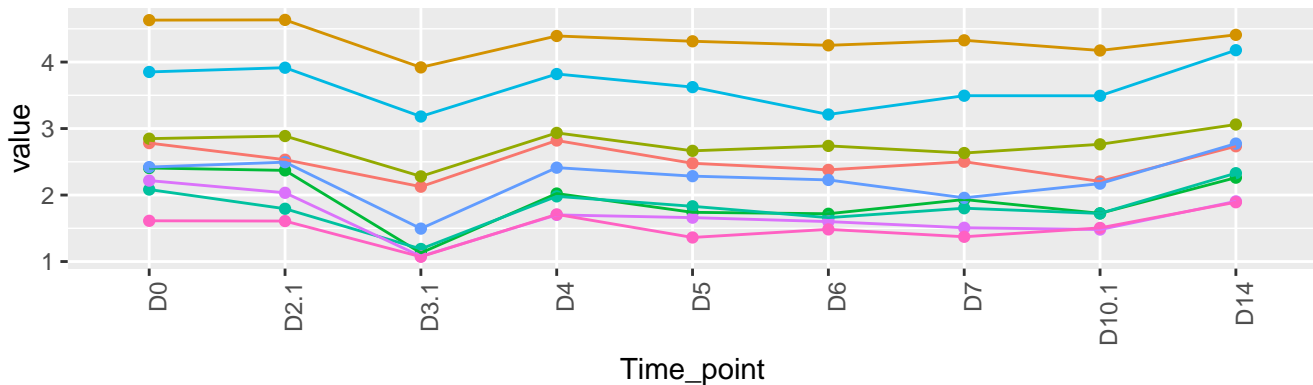
9 genes – WT-cluster-86-original



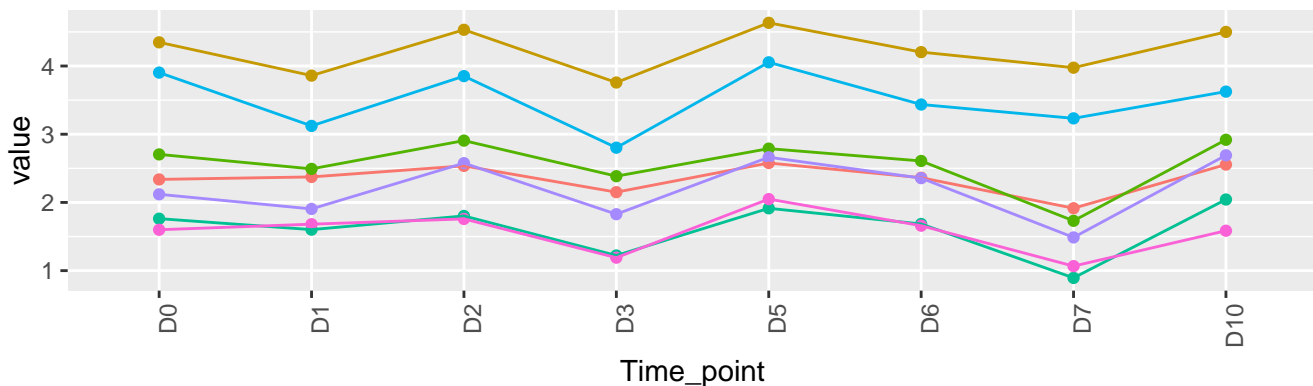
9 genes – KO-cluster-86-original



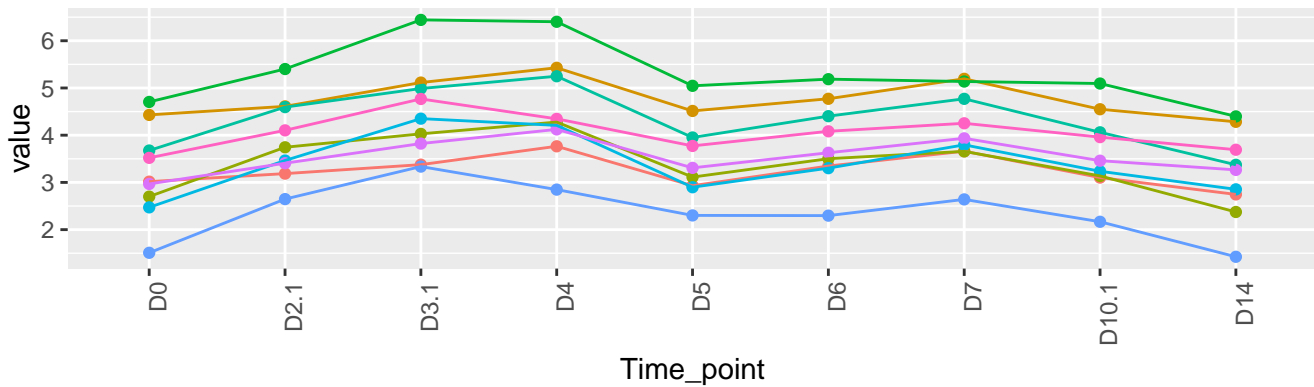
9 genes – WT-cluster-85-original



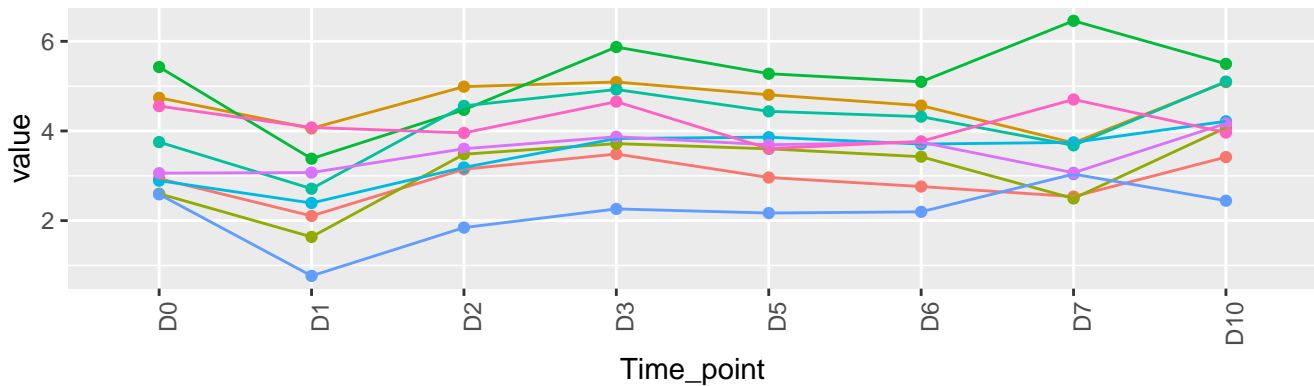
7 genes – KO-cluster-85-original



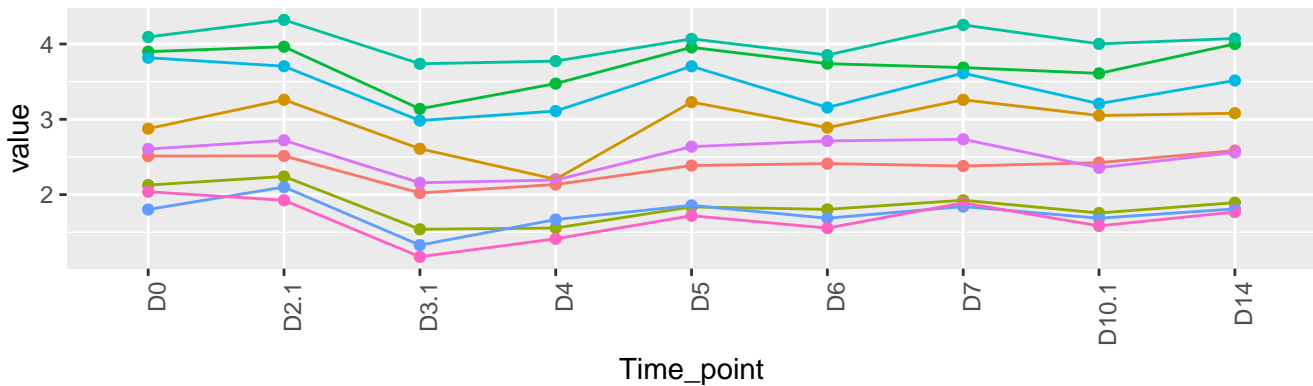
9 genes – WT-cluster-84-original



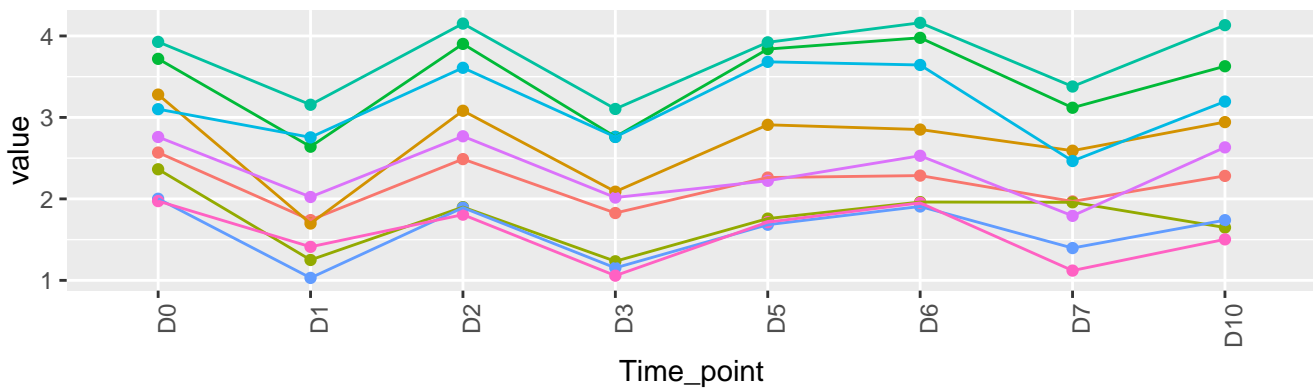
9 genes – KO-cluster-84-original



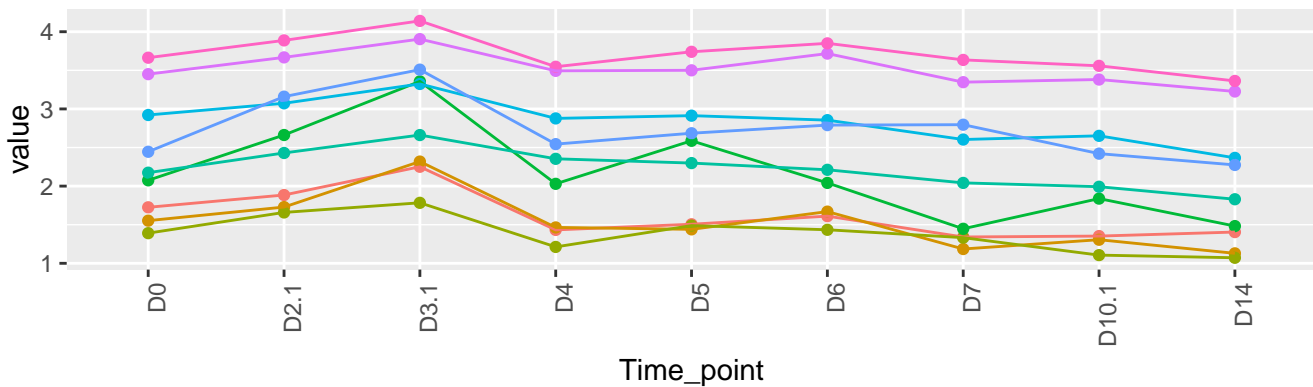
9 genes – WT-cluster-83-original



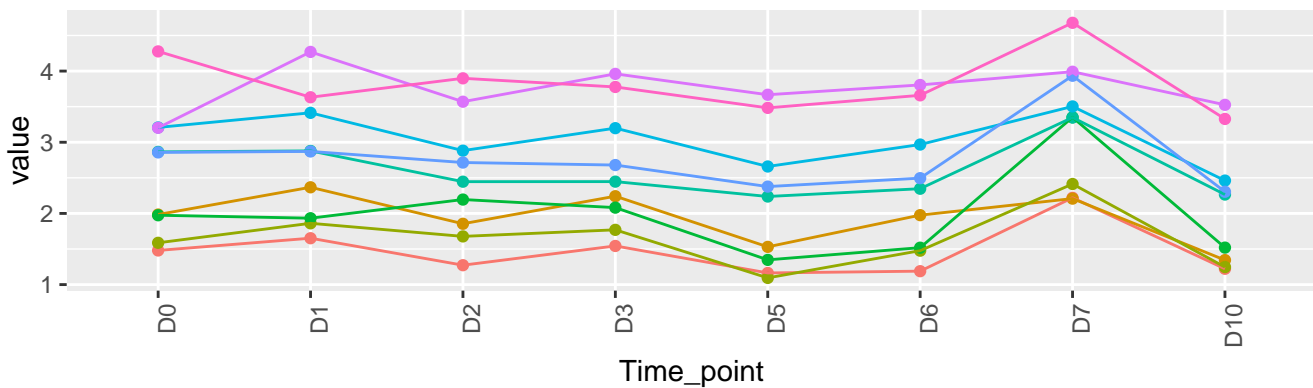
9 genes – KO-cluster-83-original



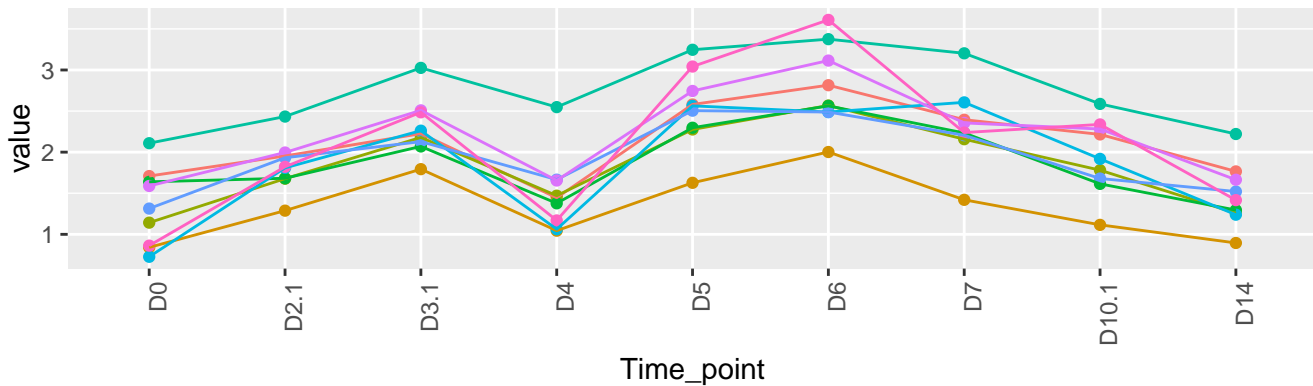
9 genes – WT-cluster-82-original



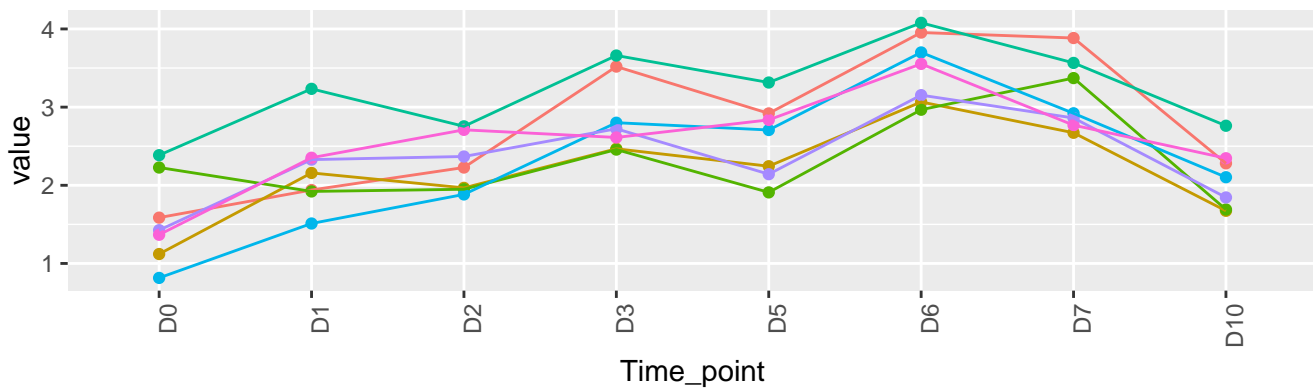
9 genes – KO-cluster-82-original



9 genes – WT-cluster-81-original

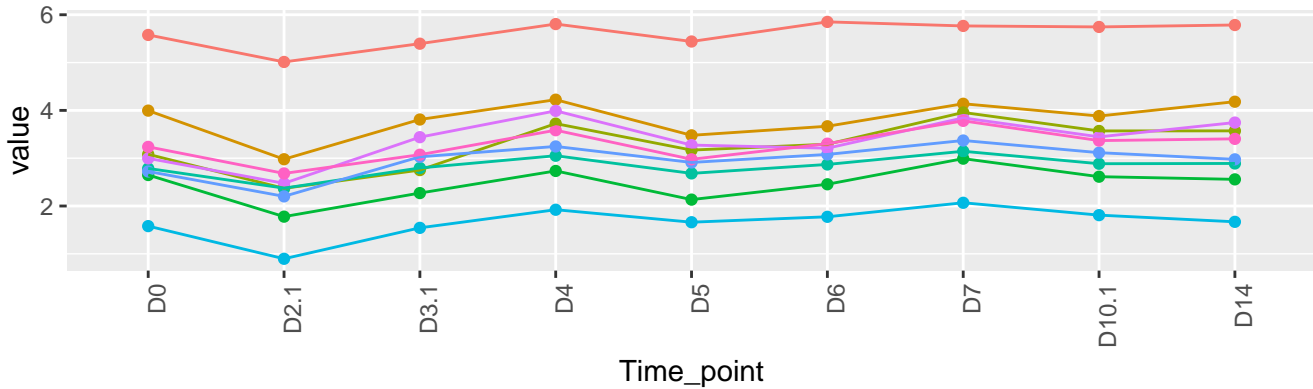


7 genes – KO-cluster-81-original

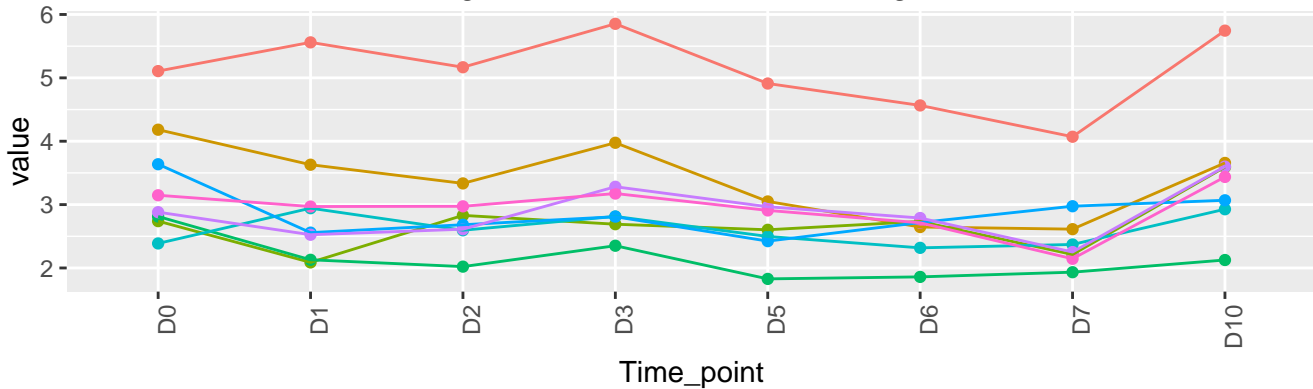




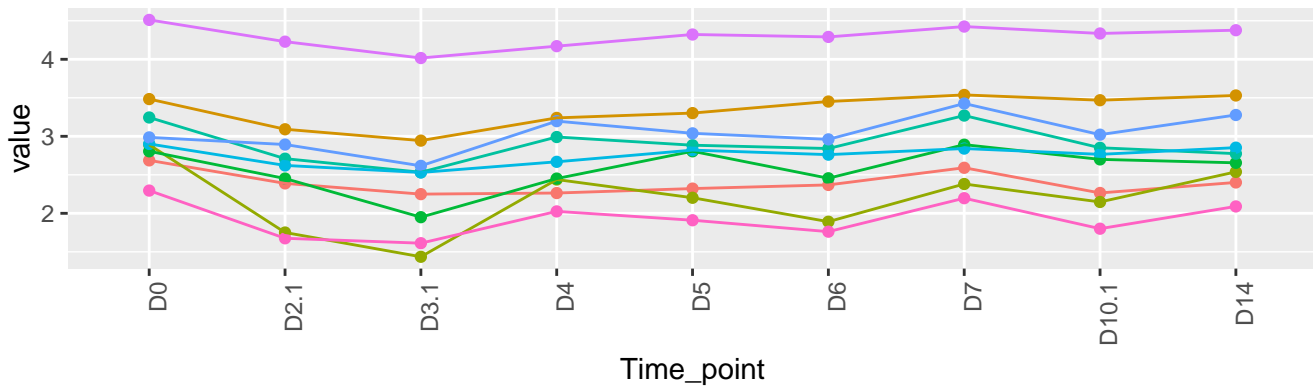
9 genes – WT-cluster-80-original



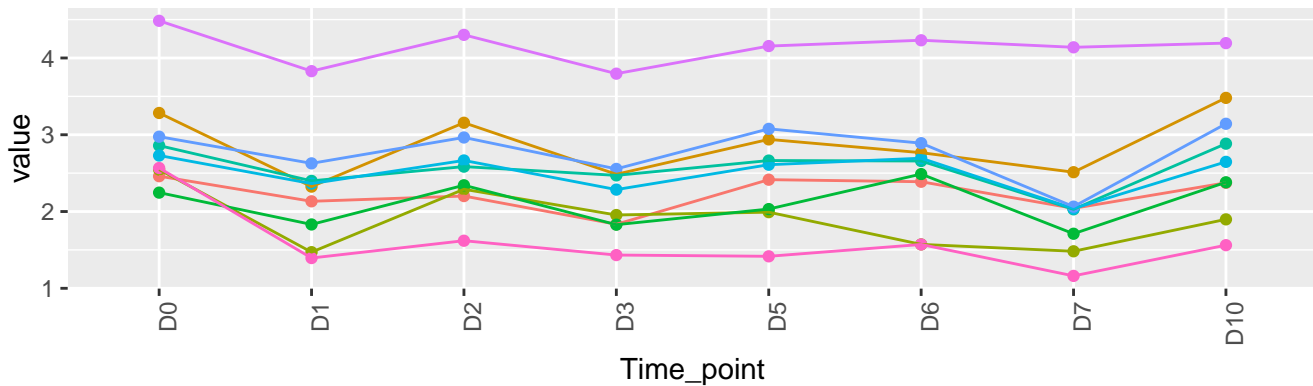
8 genes – KO-cluster-80-original



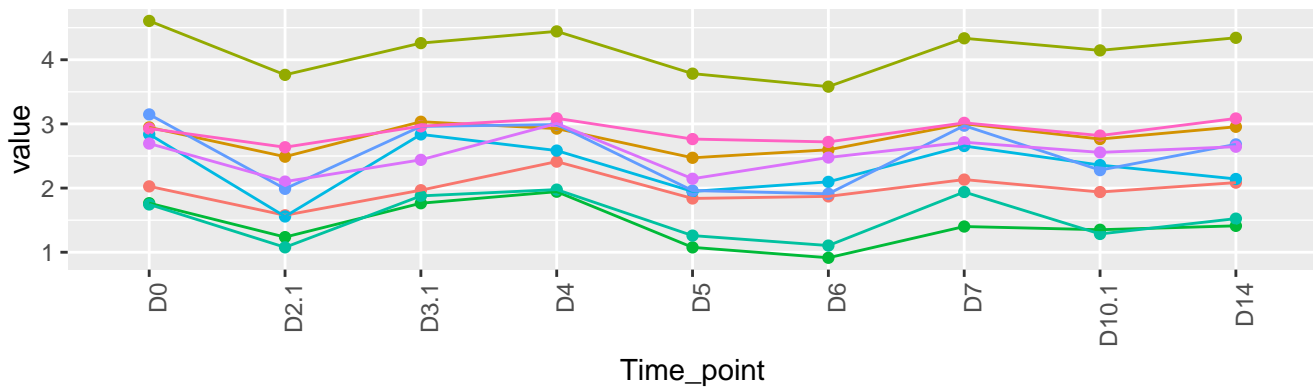
9 genes – WT-cluster-79-original



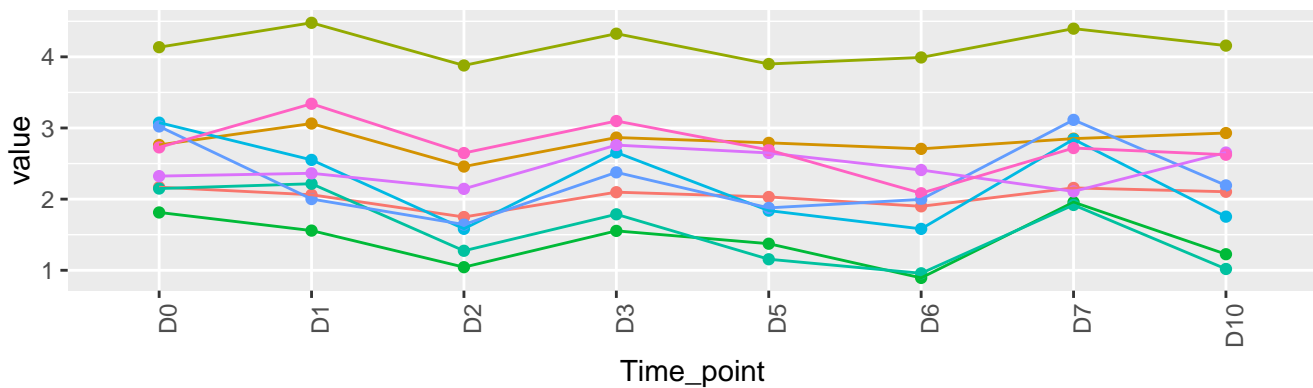
9 genes – KO-cluster-79-original



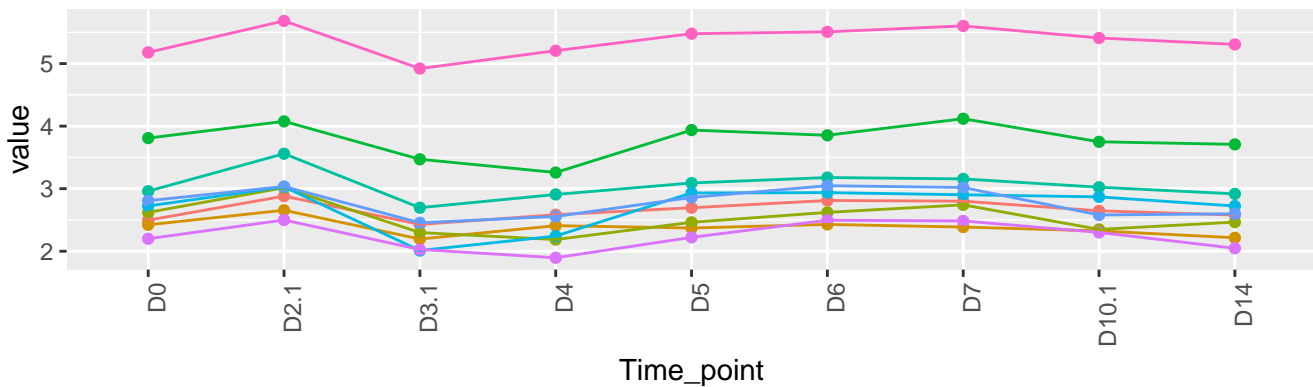
9 genes – WT-cluster-78-original



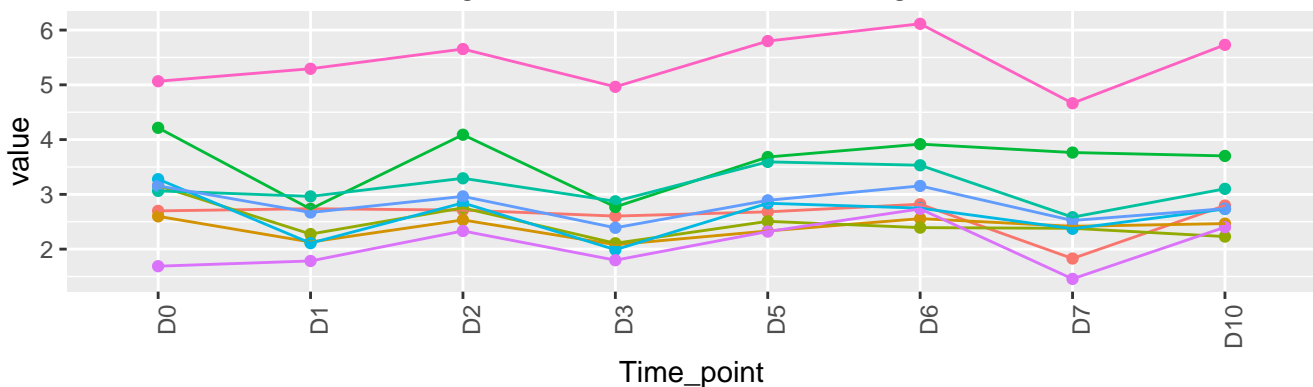
9 genes – KO-cluster-78-original



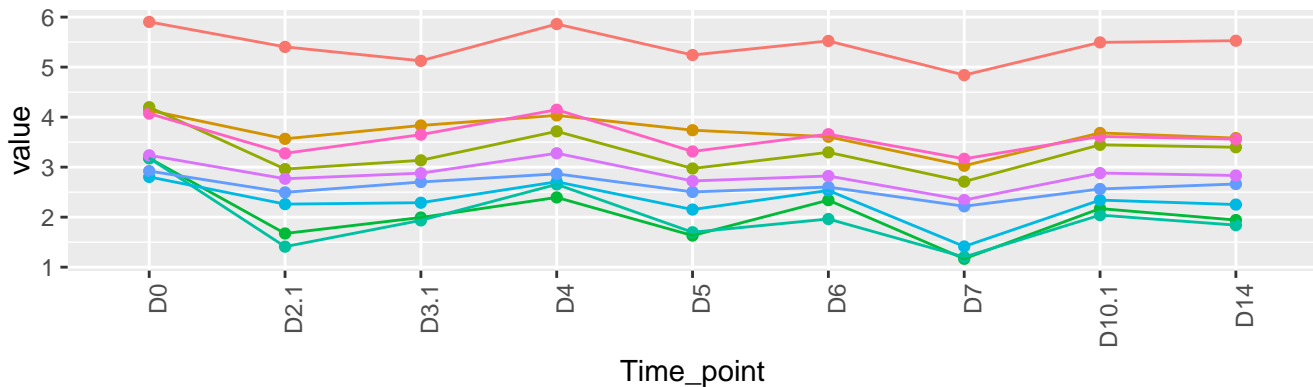
9 genes – WT-cluster-77-original



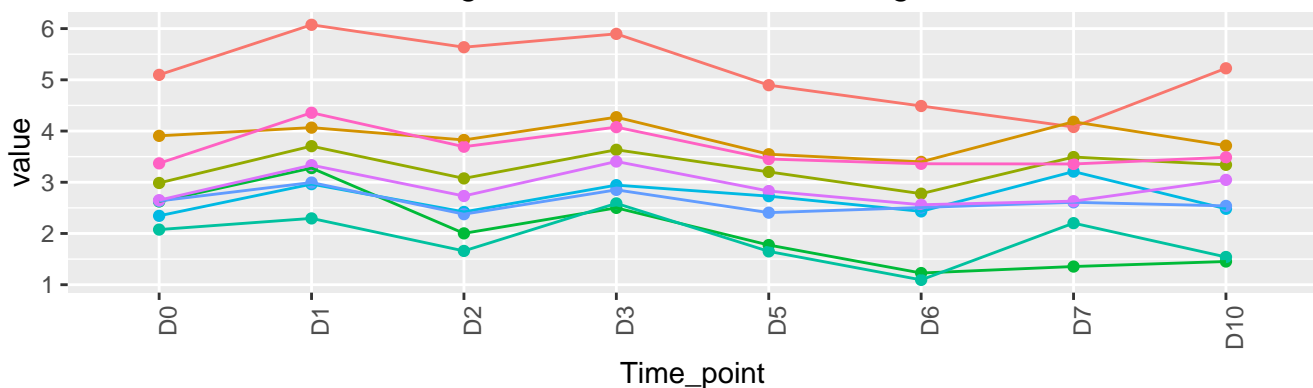
9 genes – KO-cluster-77-original



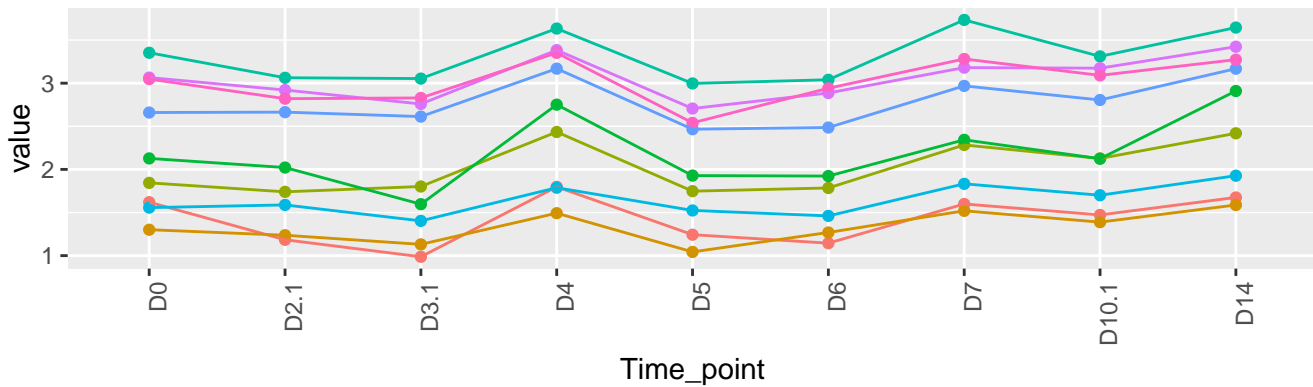
9 genes – WT-cluster-76-original



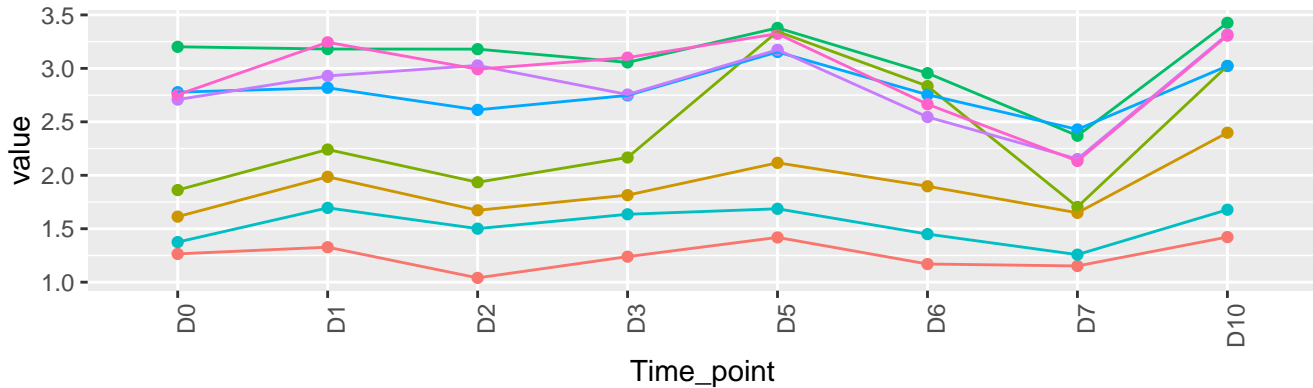
9 genes – KO-cluster-76-original



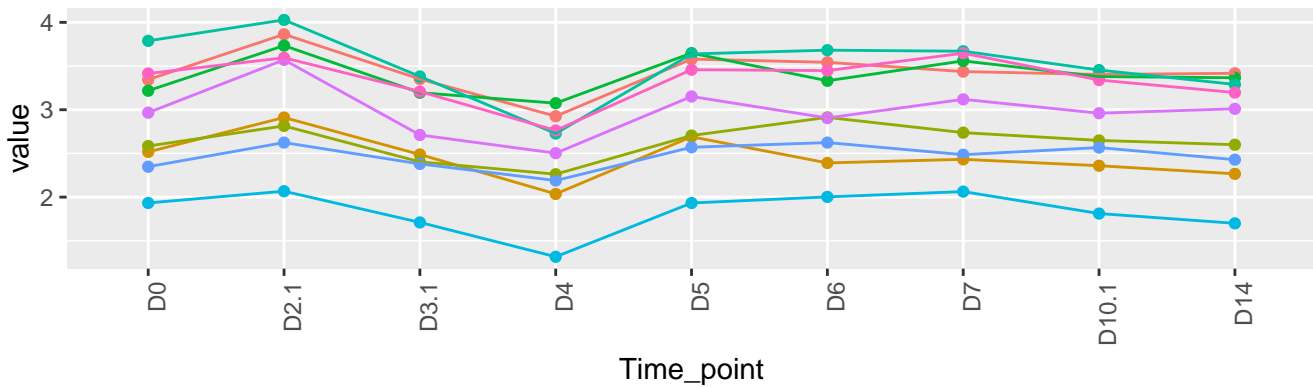
9 genes – WT-cluster-75-original



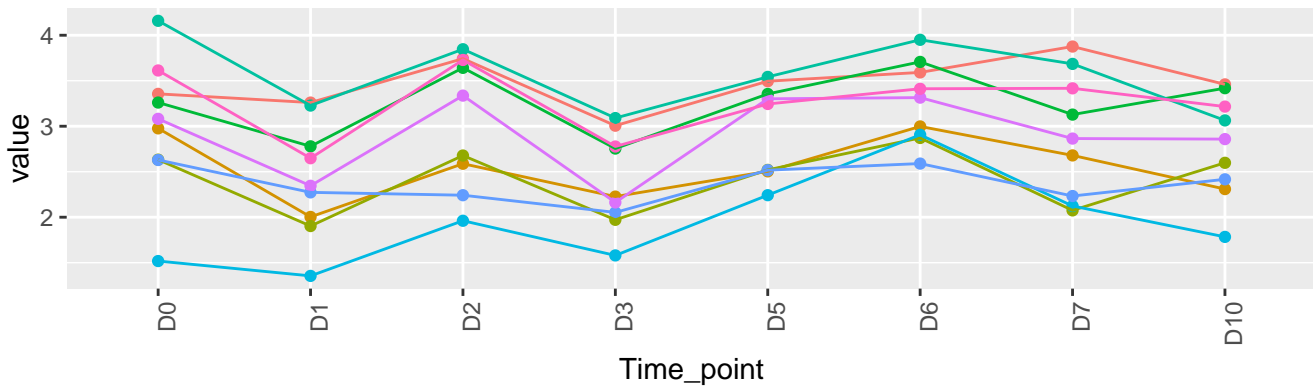
8 genes – KO-cluster-75-original



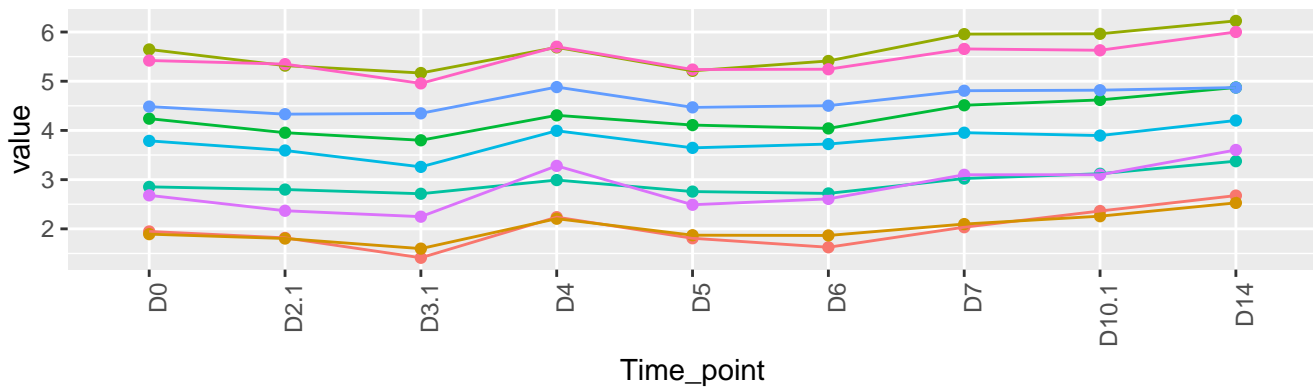
9 genes – WT-cluster-74-original



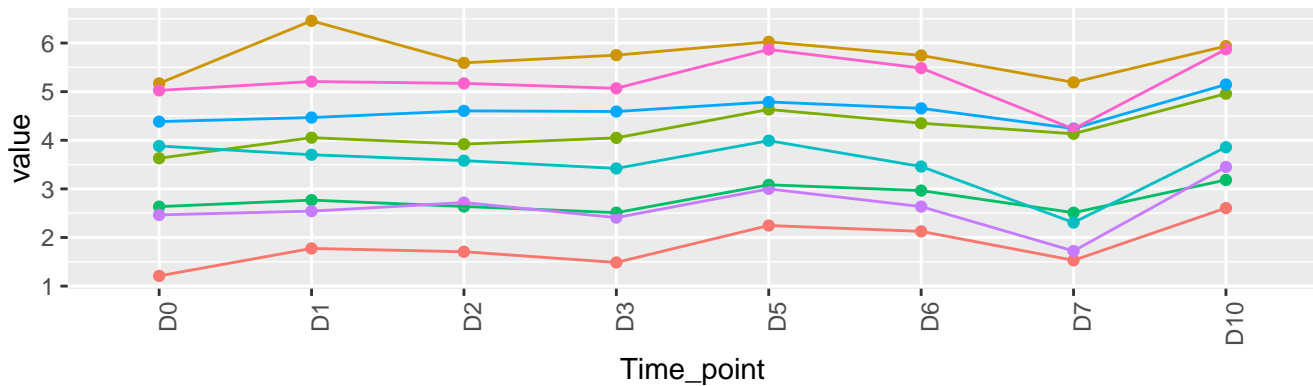
9 genes – KO-cluster-74-original



9 genes – WT-cluster-73-original

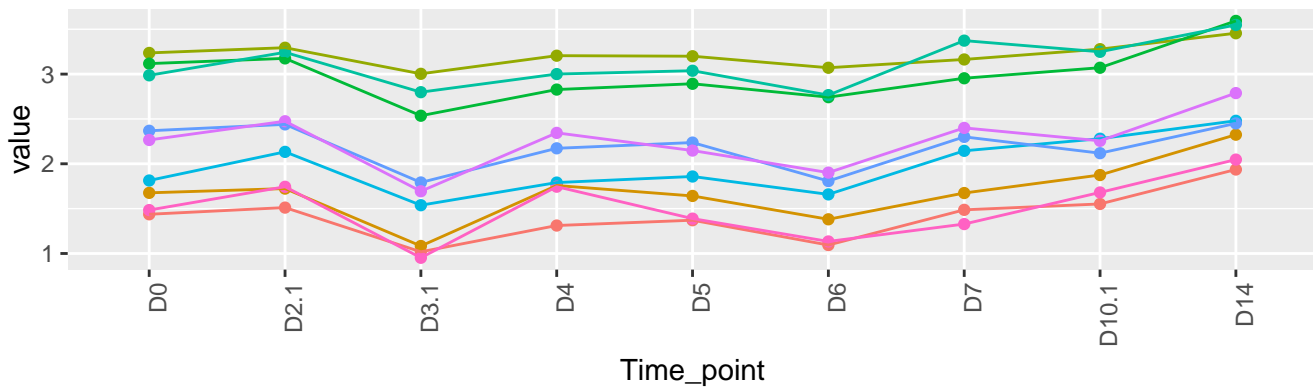


8 genes – KO-cluster-73-original

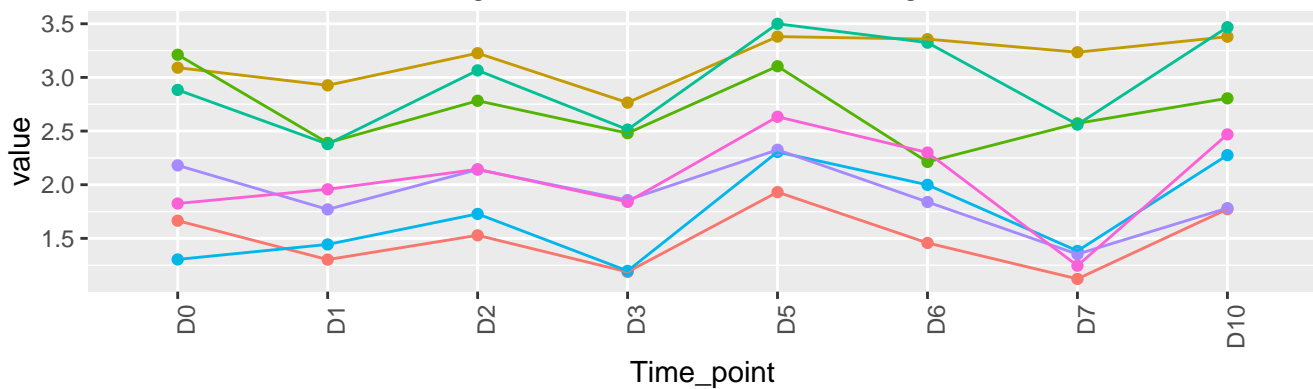




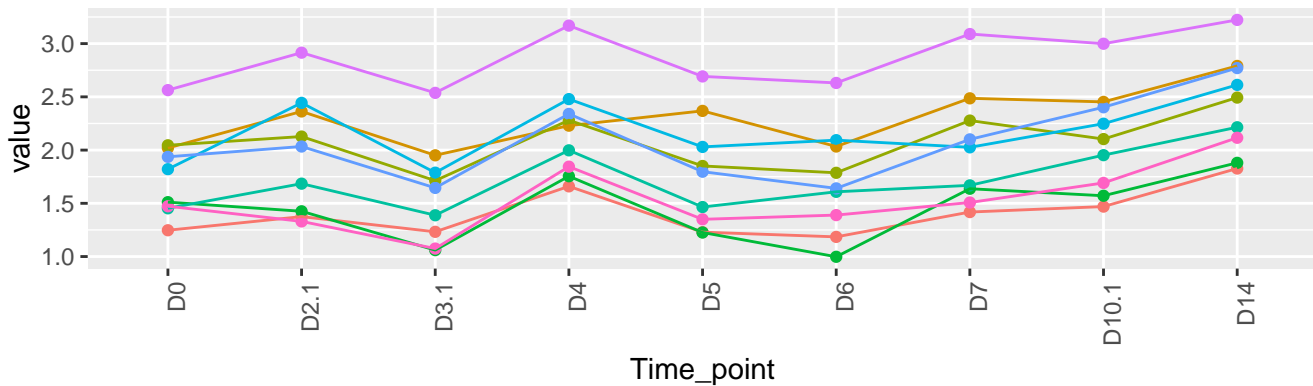
9 genes – WT-cluster-72-original



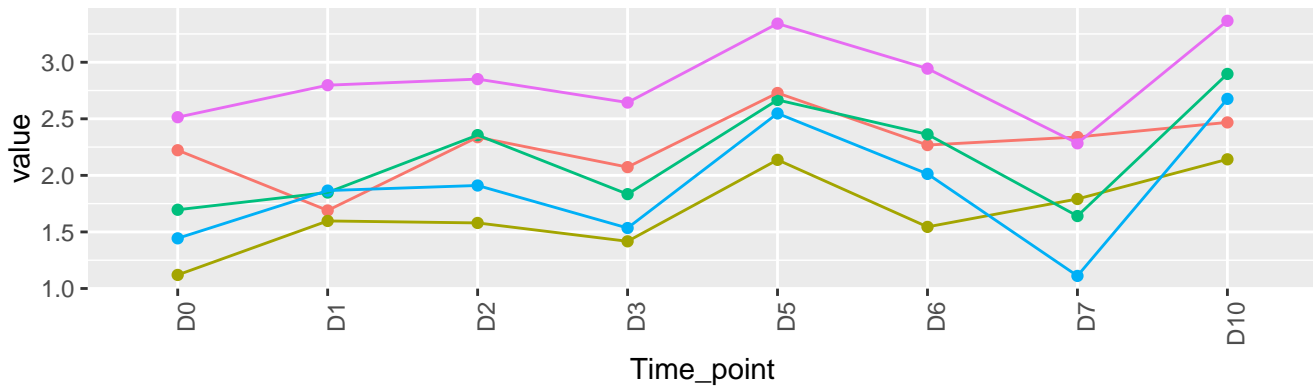
7 genes – KO-cluster-72-original



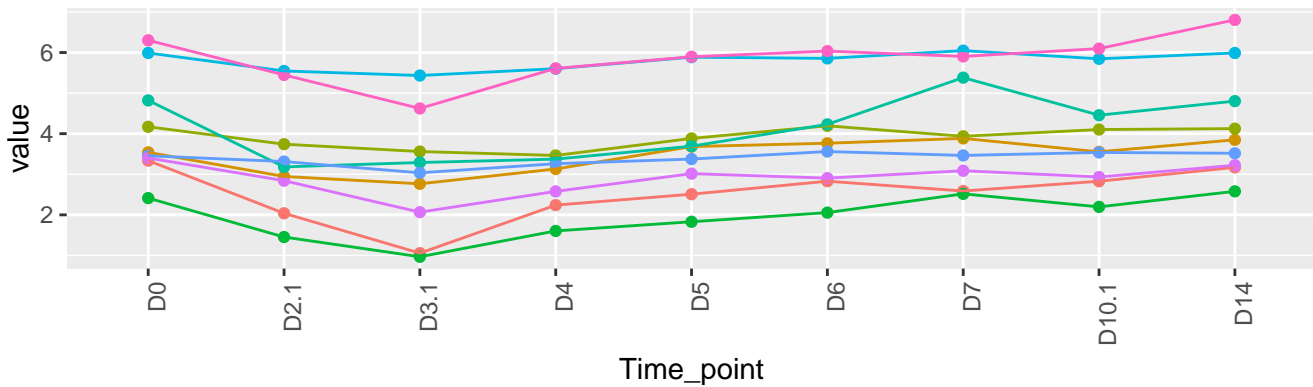
9 genes – WT-cluster-71-original



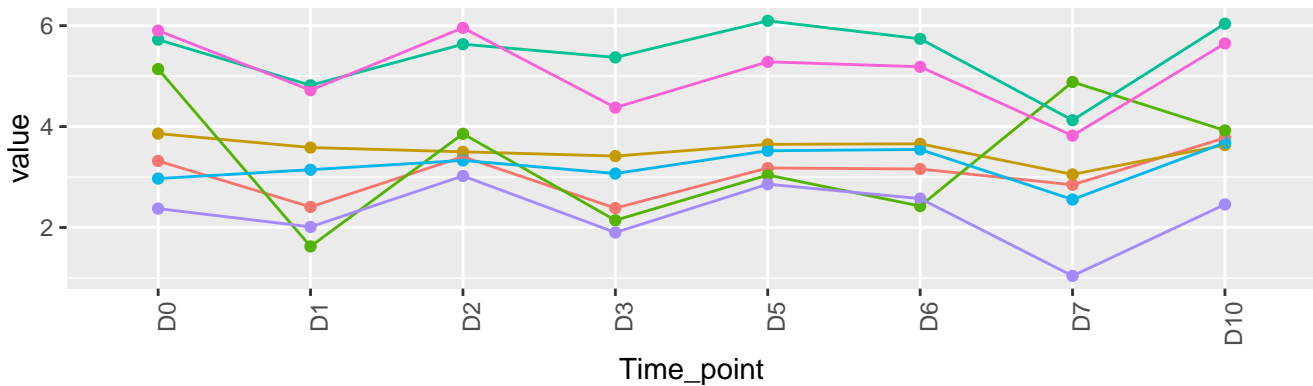
5 genes – KO-cluster-71-original



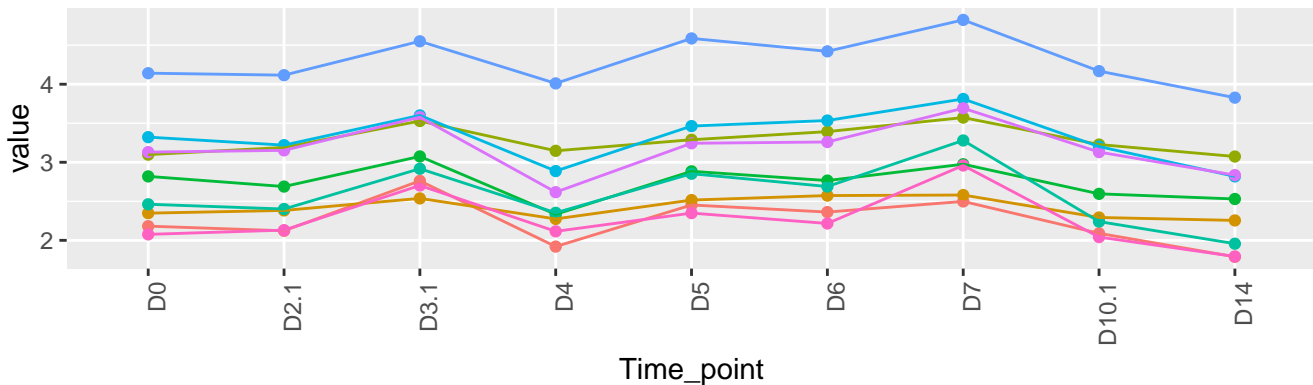
9 genes – WT-cluster-70-original



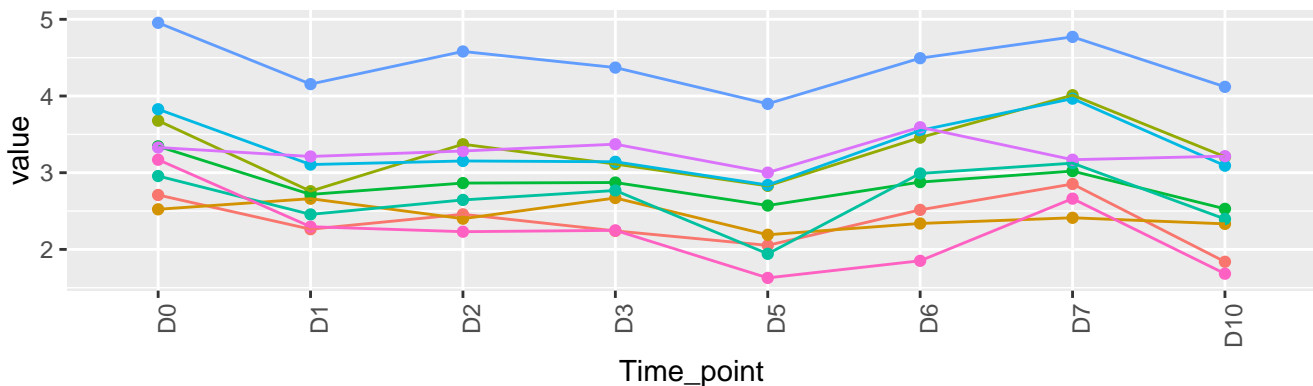
7 genes – KO-cluster-70-original



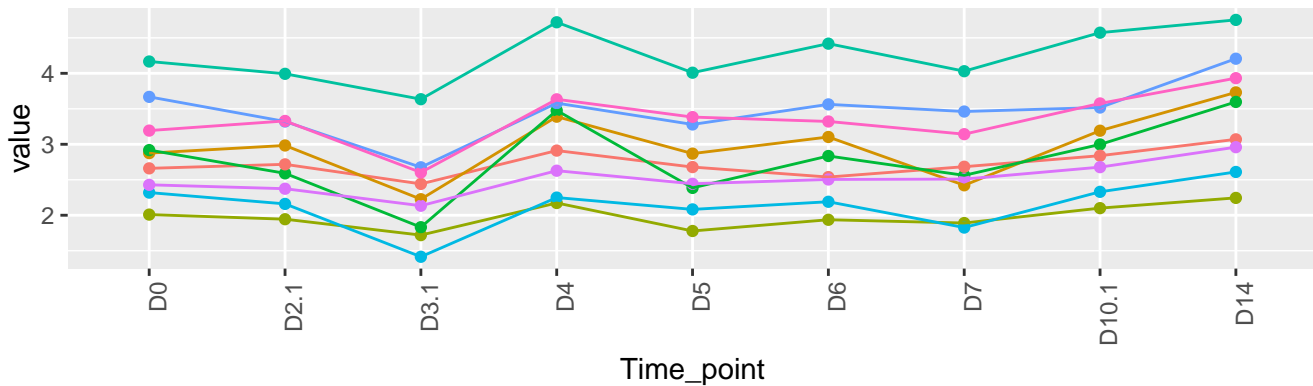
9 genes – WT-cluster-69-original



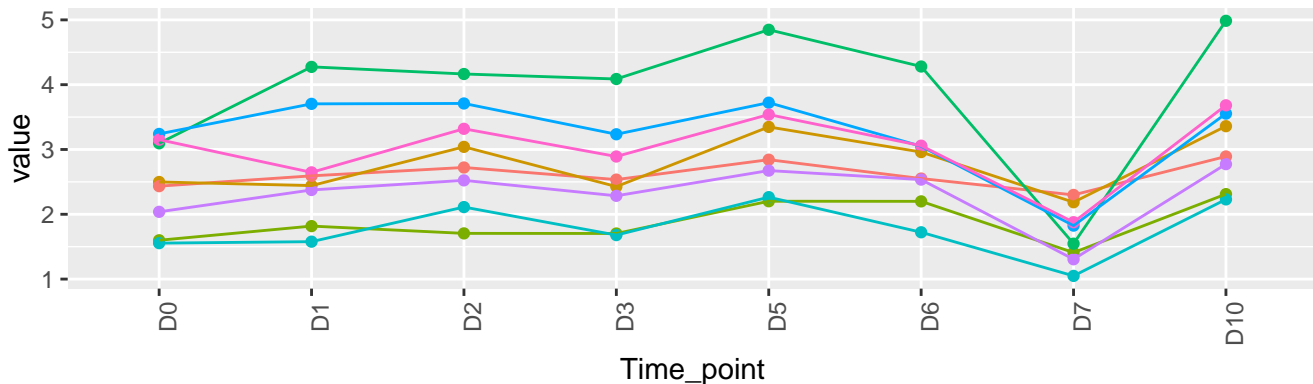
9 genes – KO-cluster-69-original



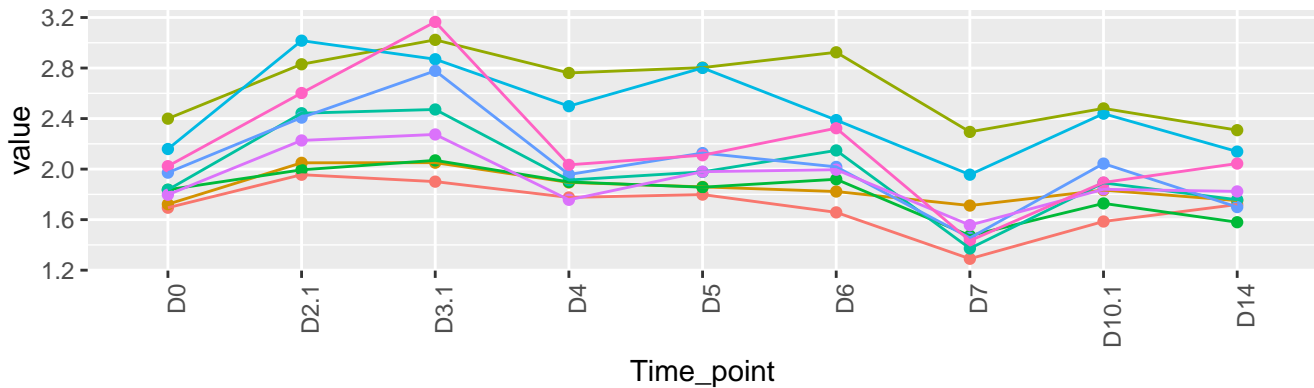
9 genes – WT-cluster-68-original



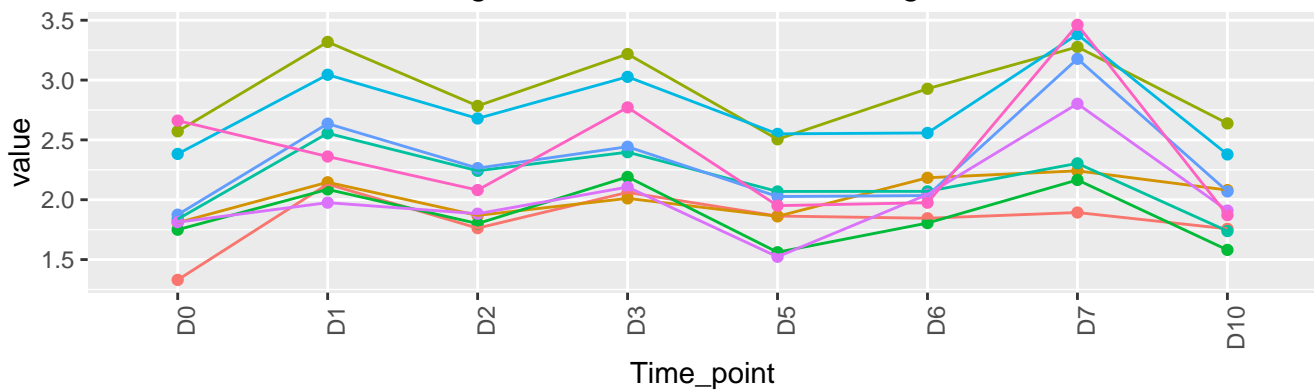
8 genes – KO-cluster-68-original



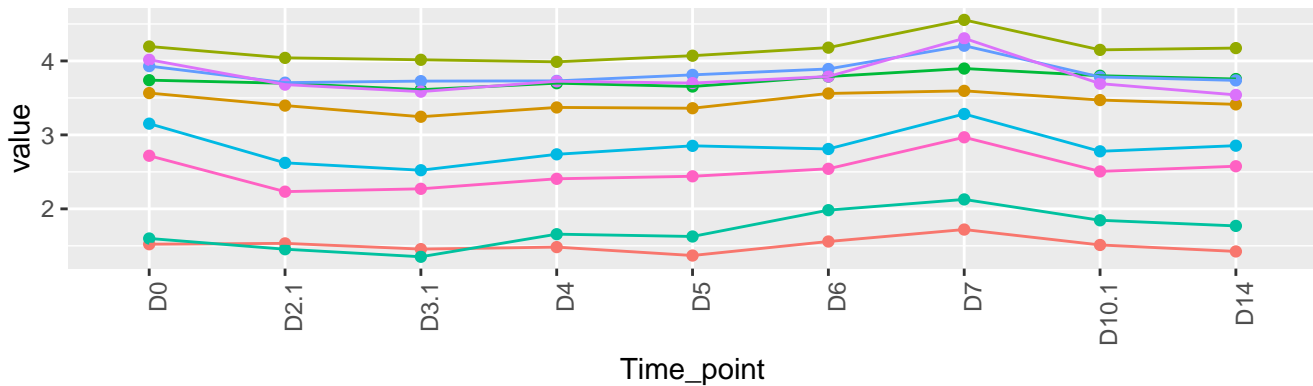
9 genes – WT-cluster-67-original



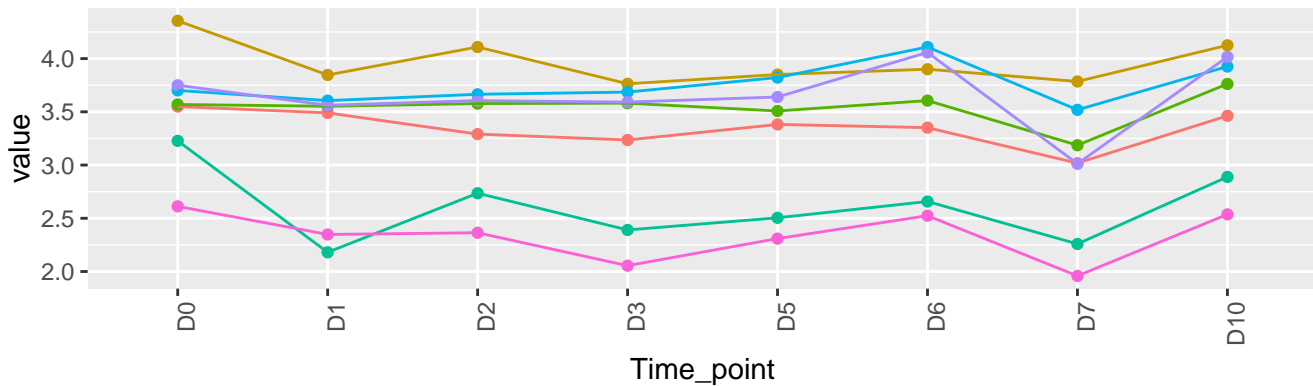
9 genes – KO-cluster-67-original



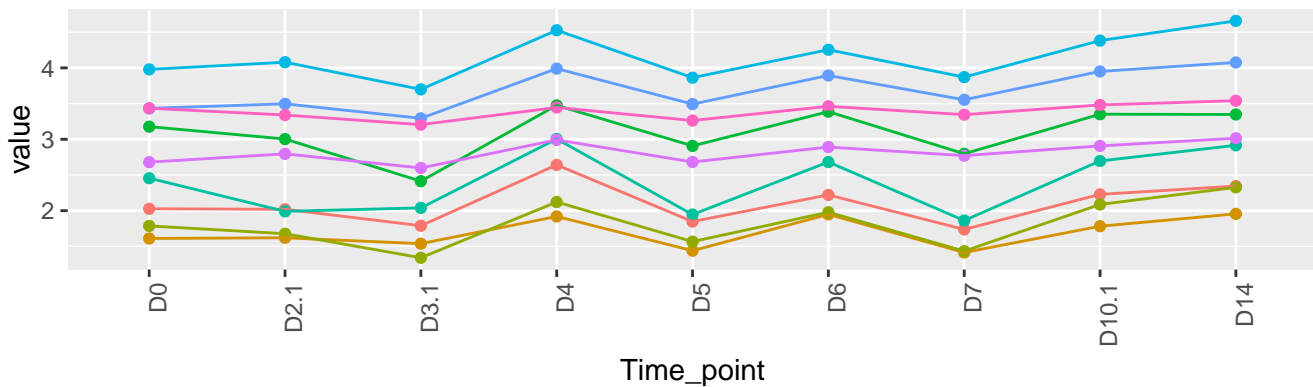
9 genes – WT-cluster-66-original



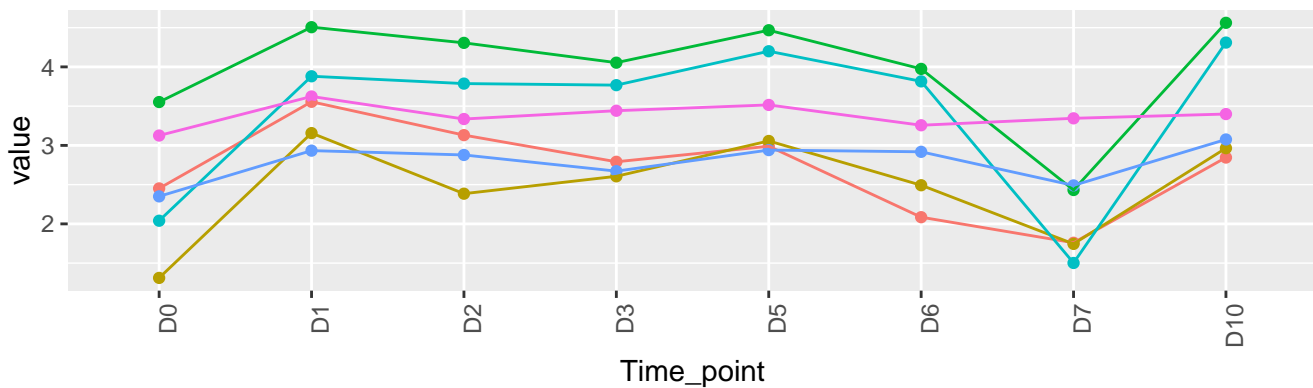
7 genes – KO-cluster-66-original



9 genes – WT-cluster-65-original

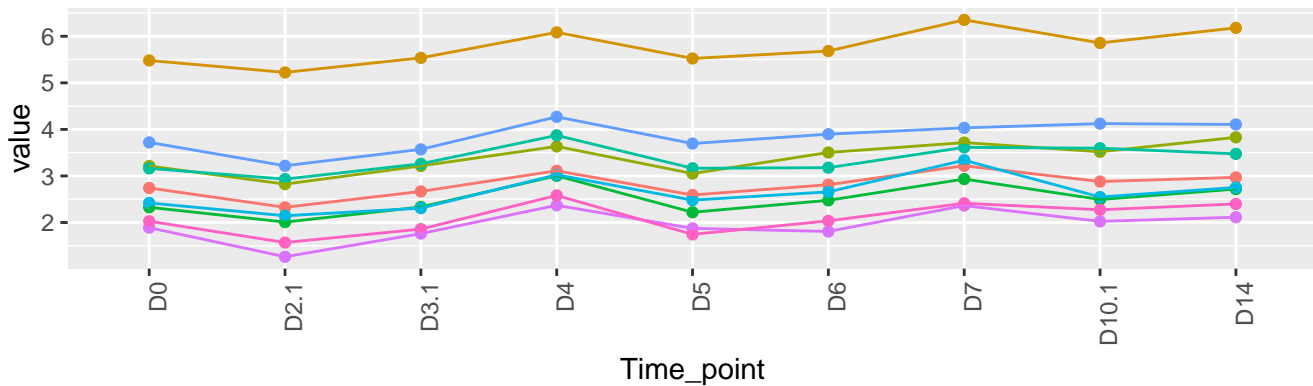


6 genes – KO-cluster-65-original

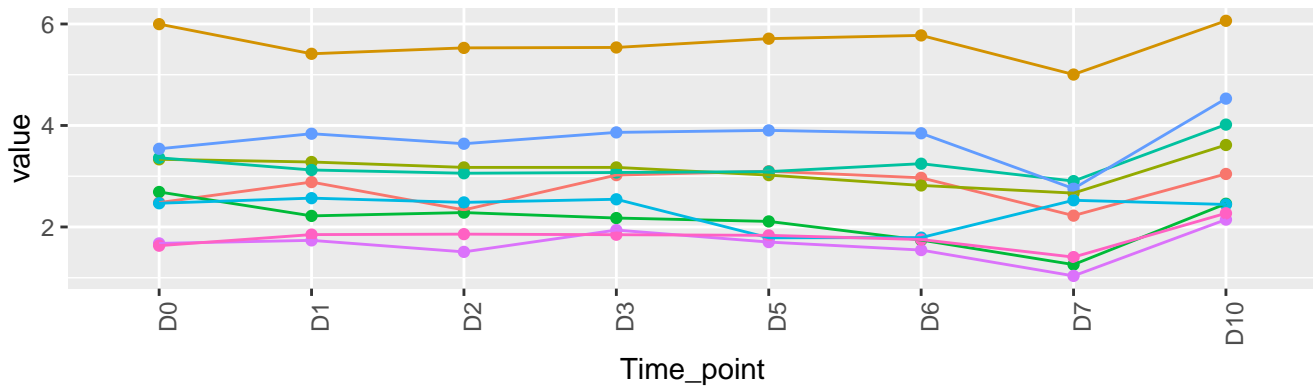




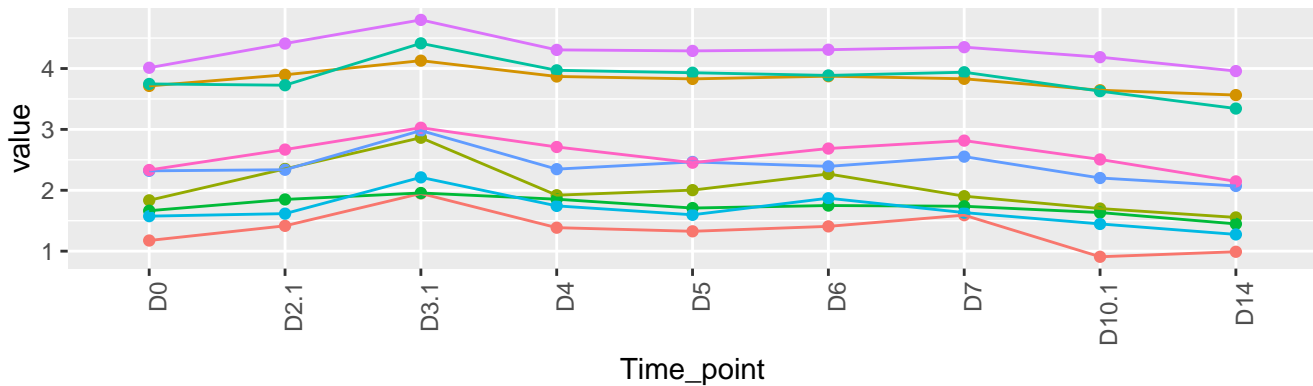
9 genes – WT-cluster-64-original



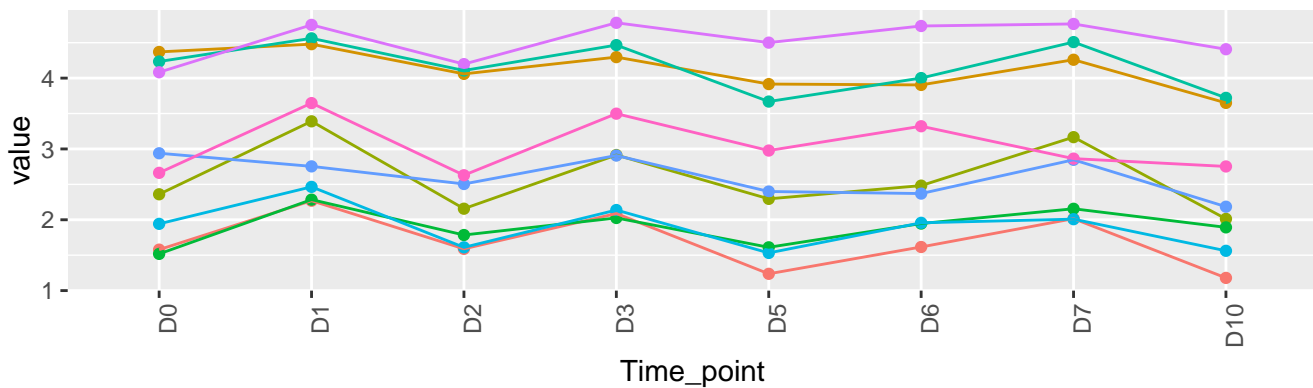
9 genes – KO-cluster-64-original



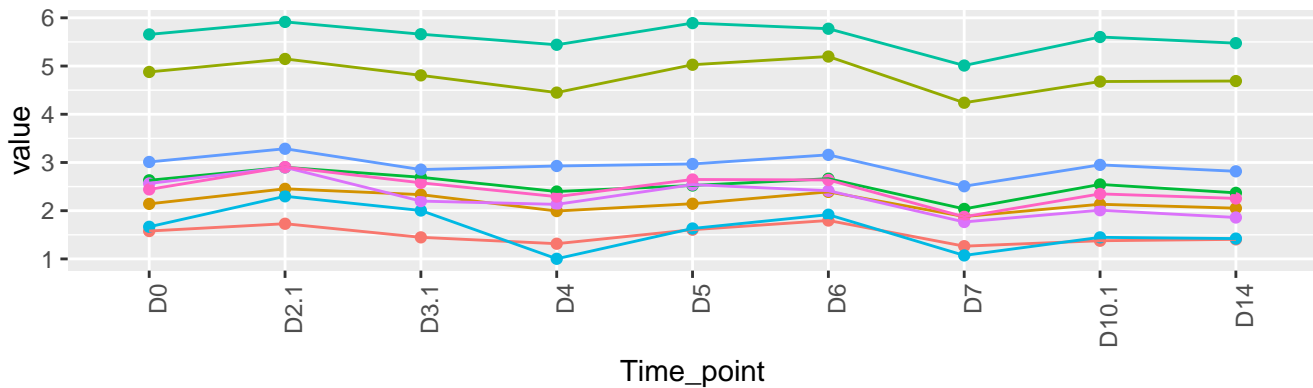
9 genes – WT-cluster-63-original



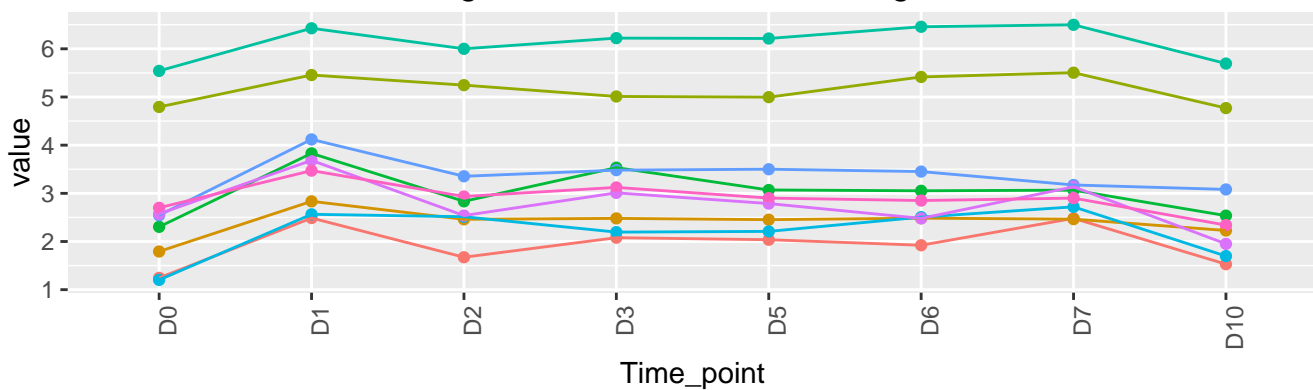
9 genes – KO-cluster-63-original



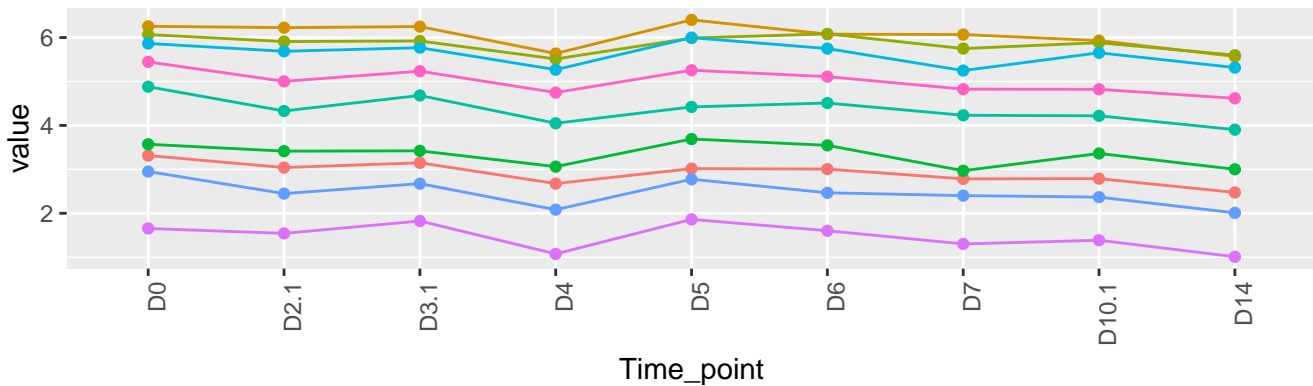
9 genes – WT-cluster-62-original



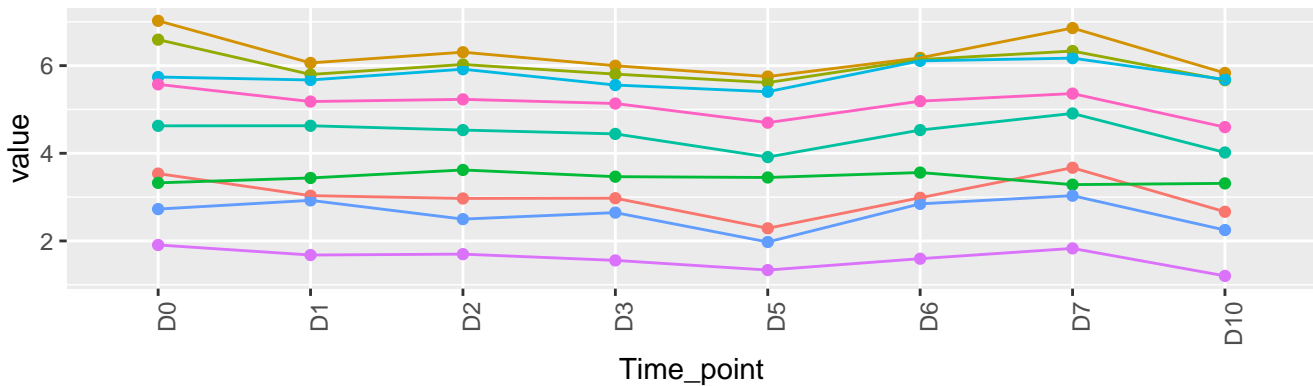
9 genes – KO-cluster-62-original



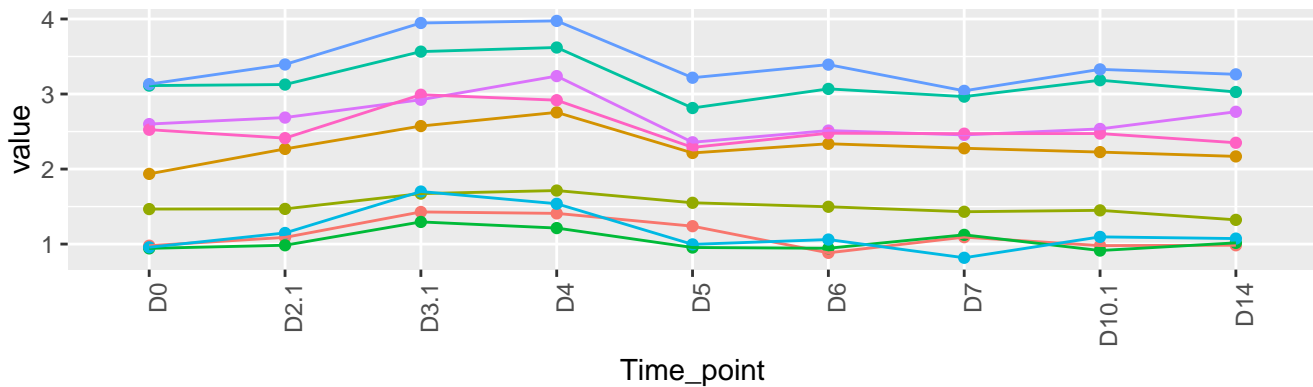
9 genes – WT-cluster-61-original



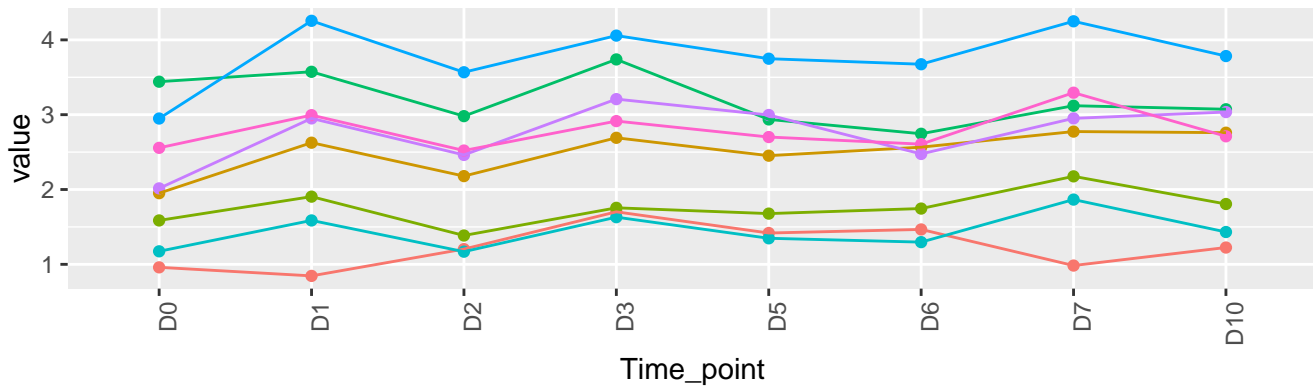
9 genes – KO-cluster-61-original



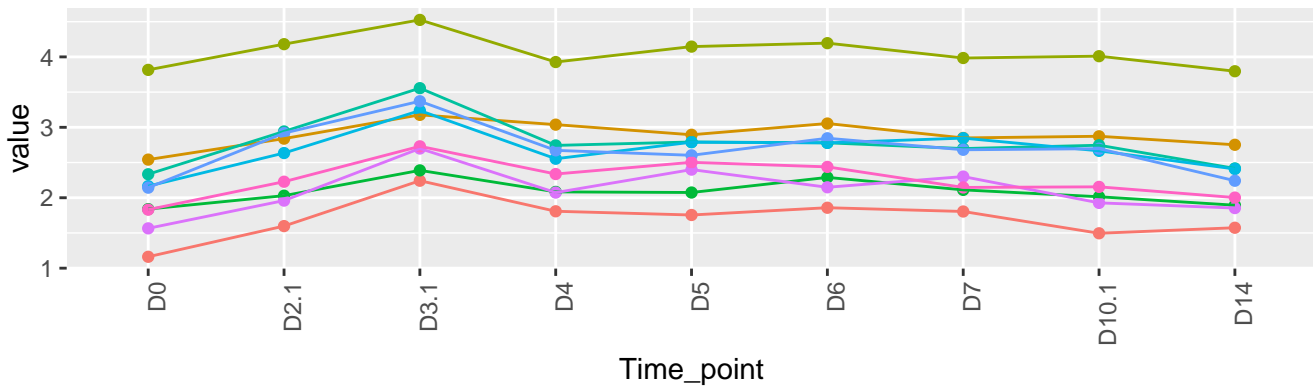
9 genes – WT-cluster-60-original



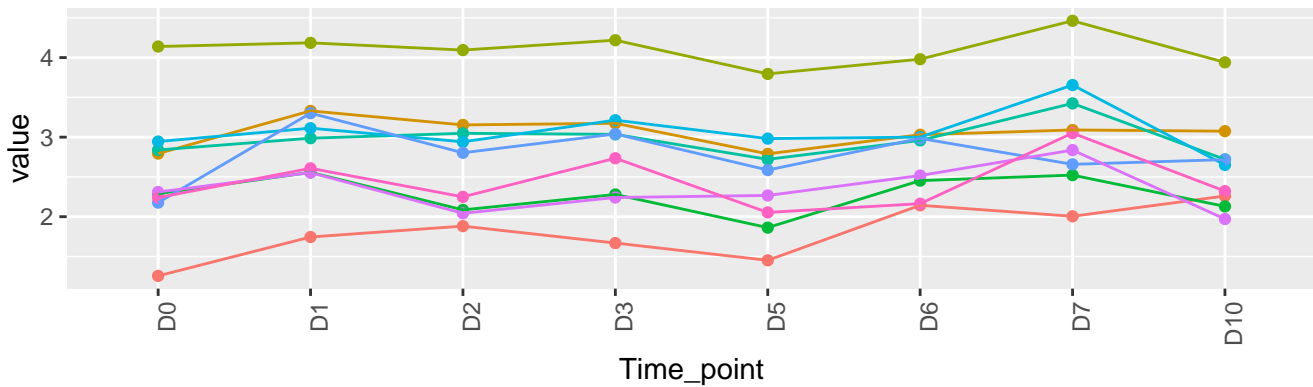
8 genes – KO-cluster-60-original



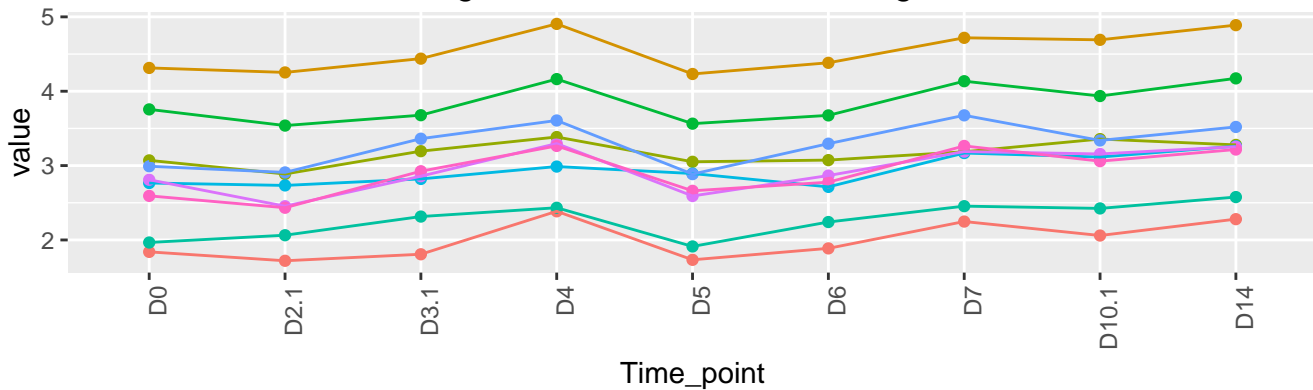
9 genes – WT-cluster-59-original



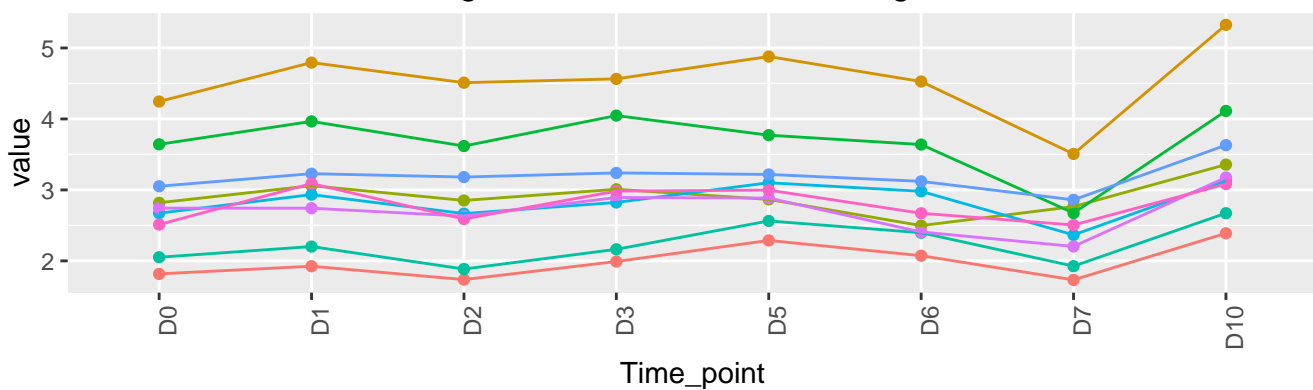
9 genes – KO-cluster-59-original



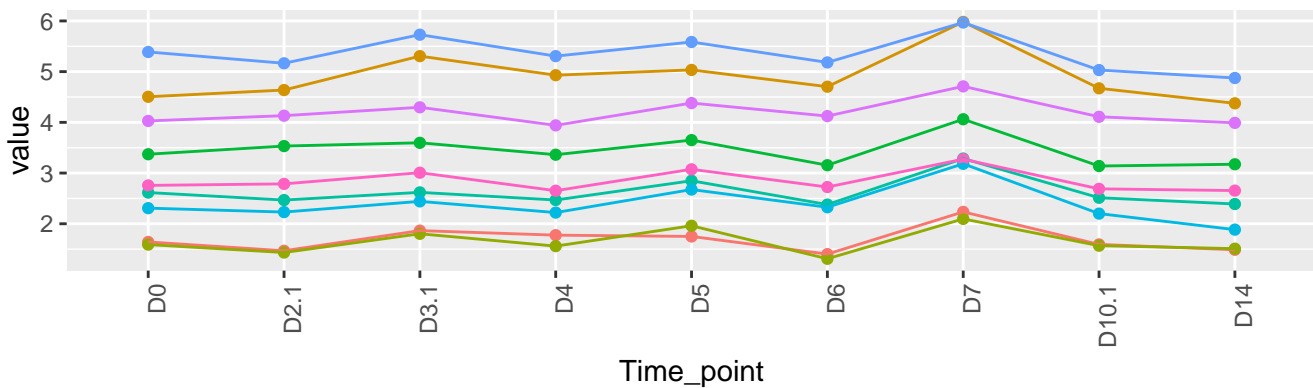
9 genes – WT-cluster-58-original



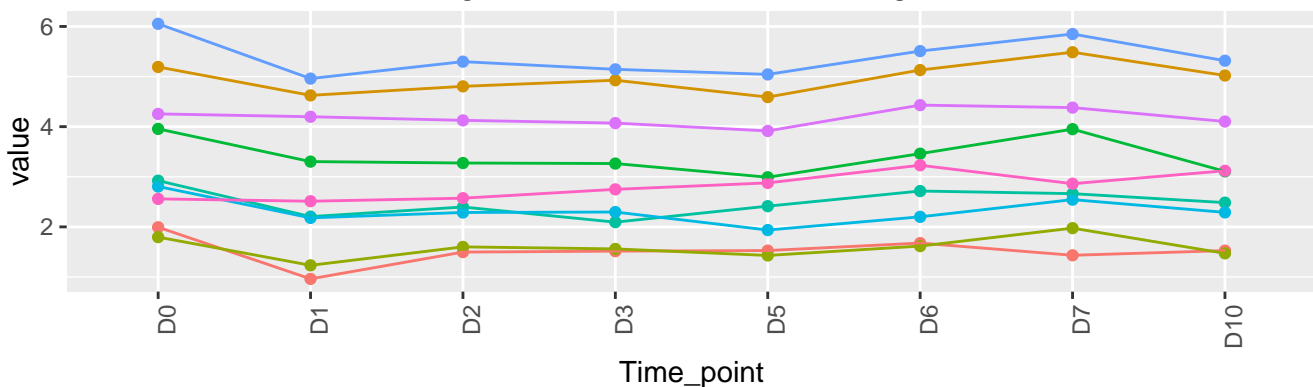
9 genes – KO-cluster-58-original



9 genes – WT-cluster-57-original

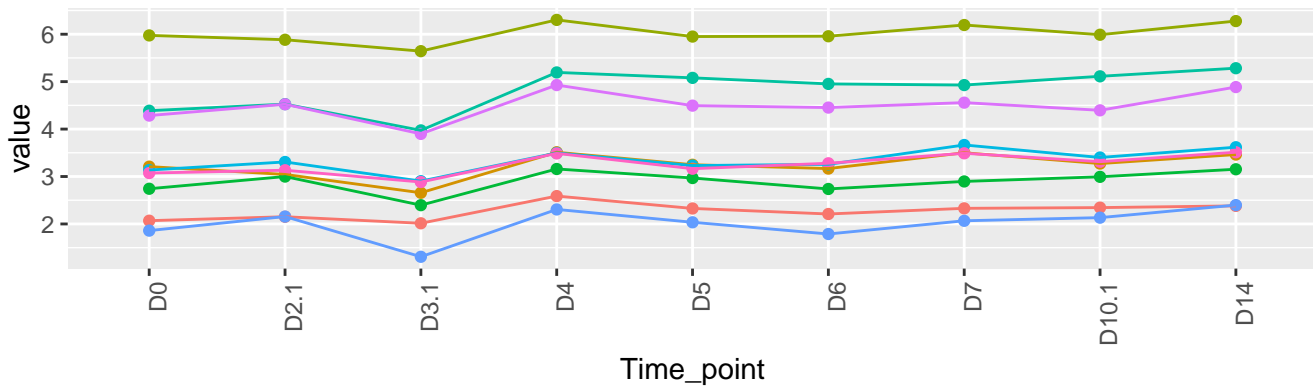


9 genes – KO-cluster-57-original

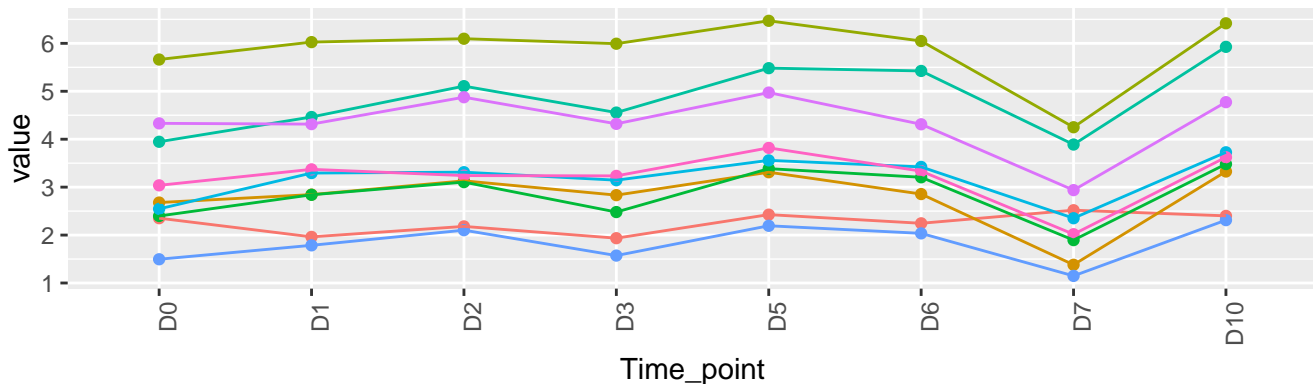




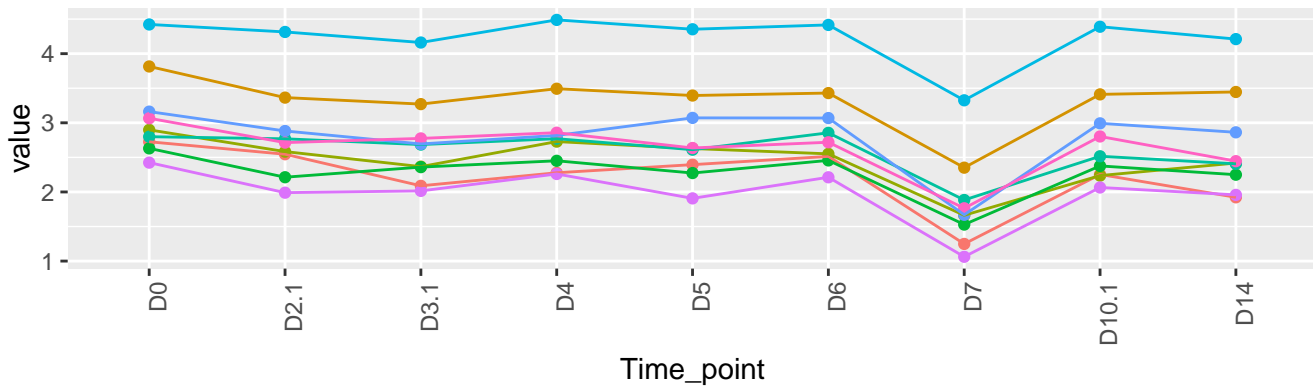
9 genes – WT-cluster-56-original



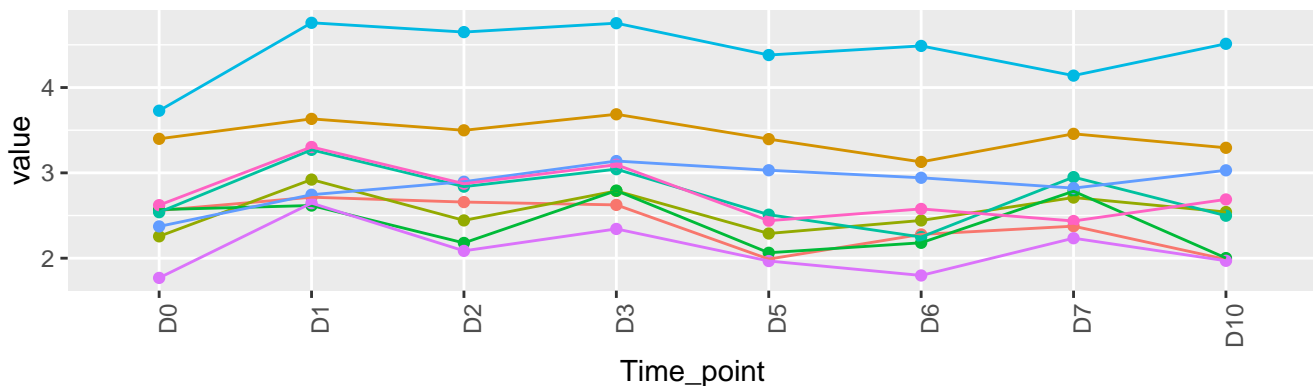
9 genes – KO-cluster-56-original



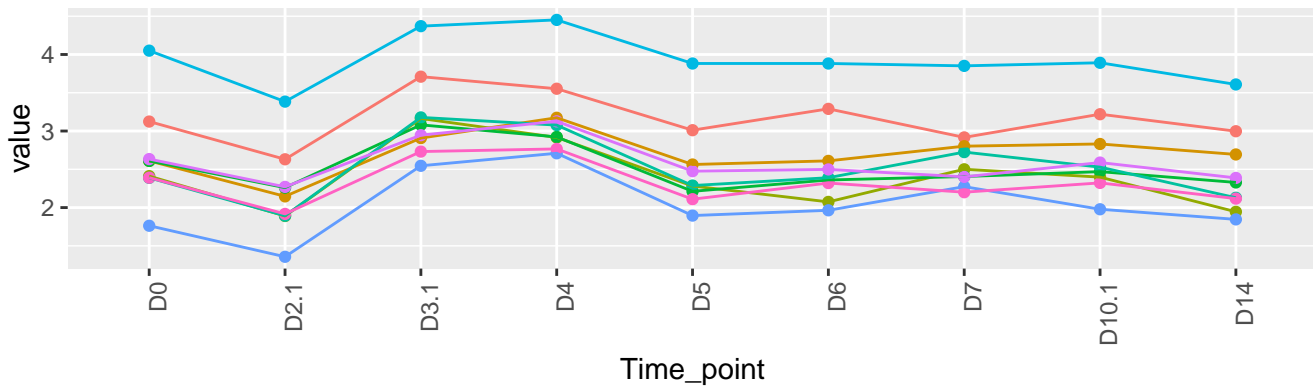
9 genes – WT-cluster-55-original



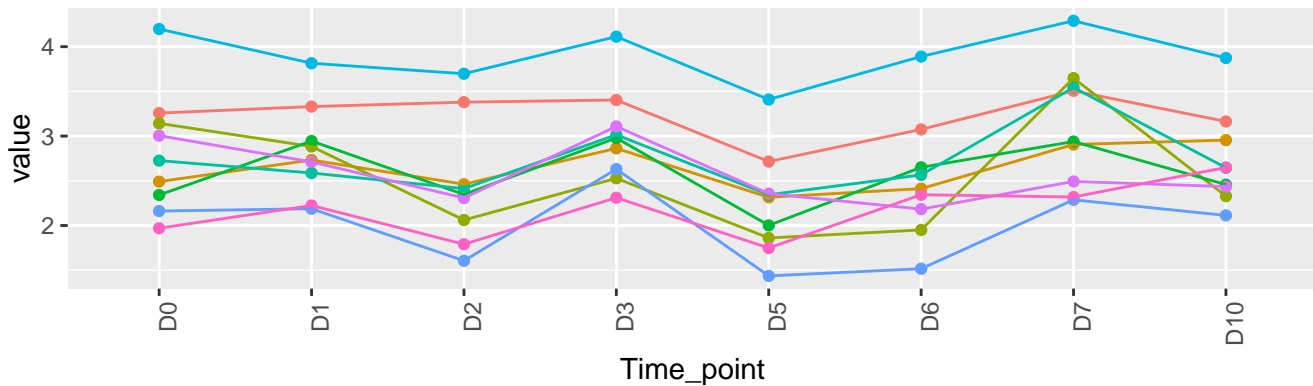
9 genes – KO-cluster-55-original



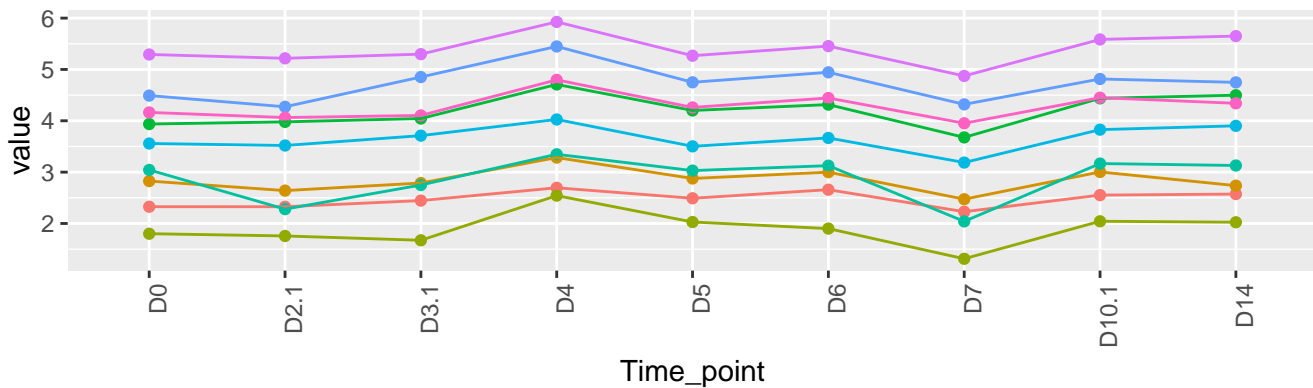
9 genes – WT-cluster-54-original



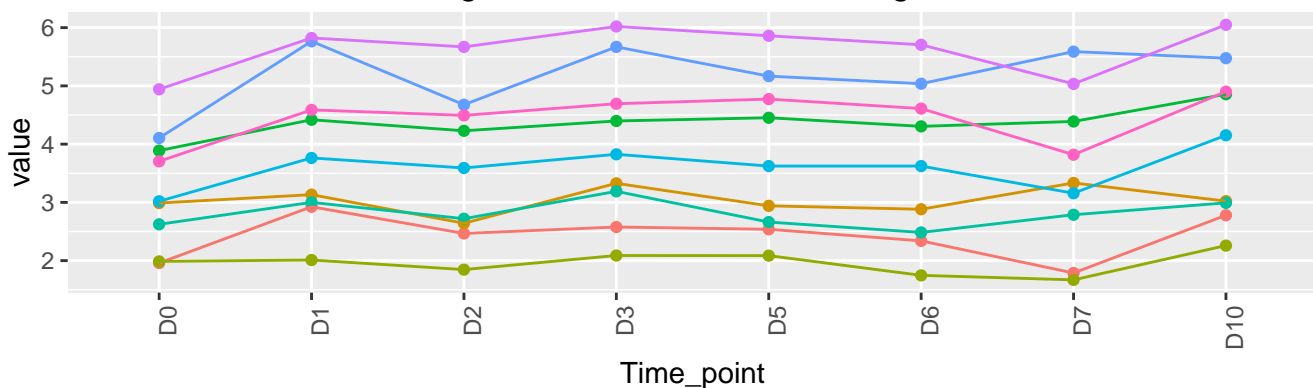
9 genes – KO-cluster-54-original



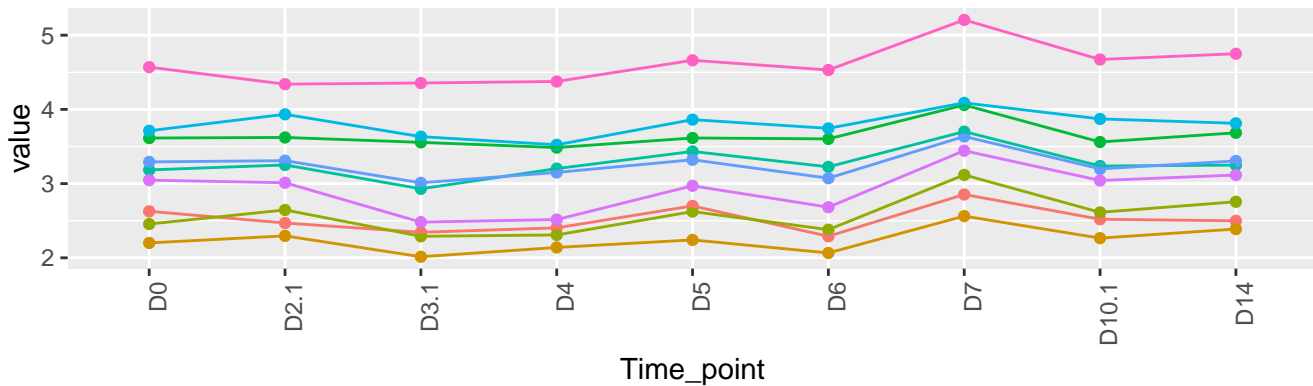
9 genes – WT-cluster-53-original



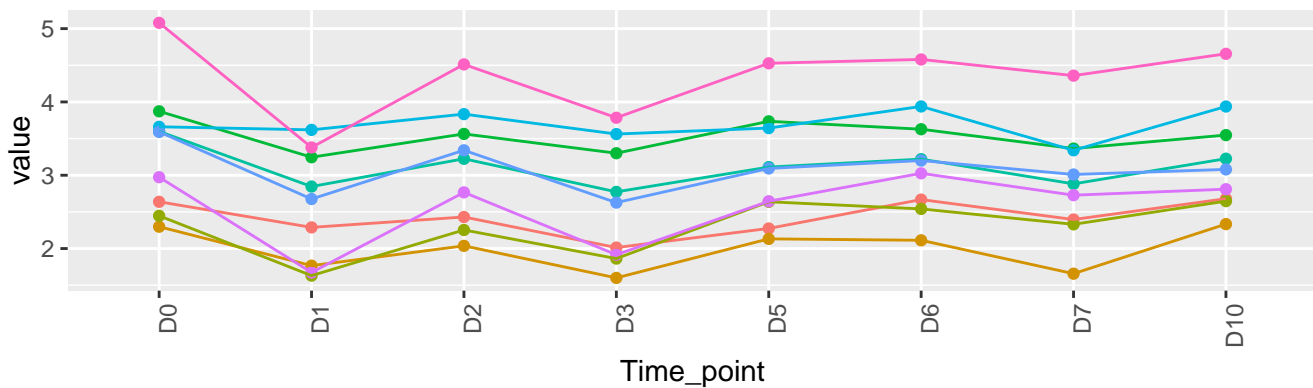
9 genes – KO-cluster-53-original



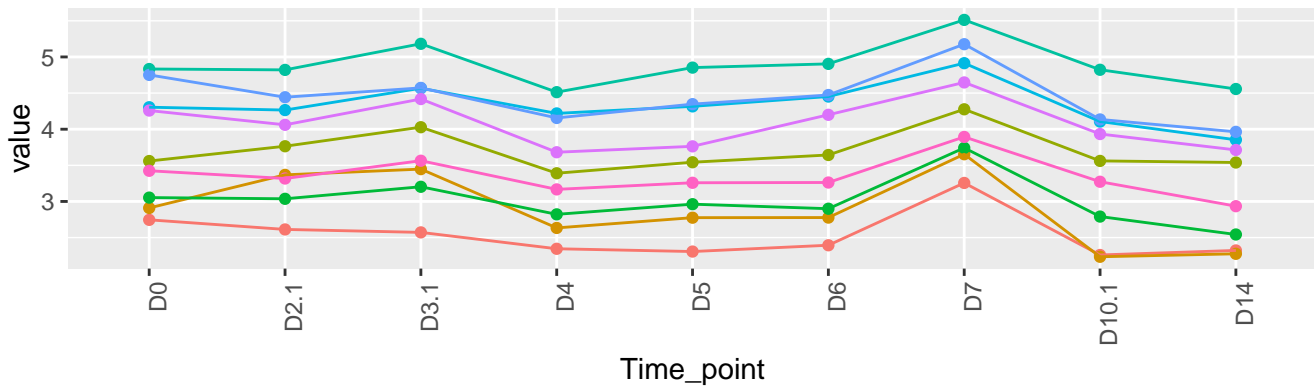
9 genes – WT-cluster-52-original



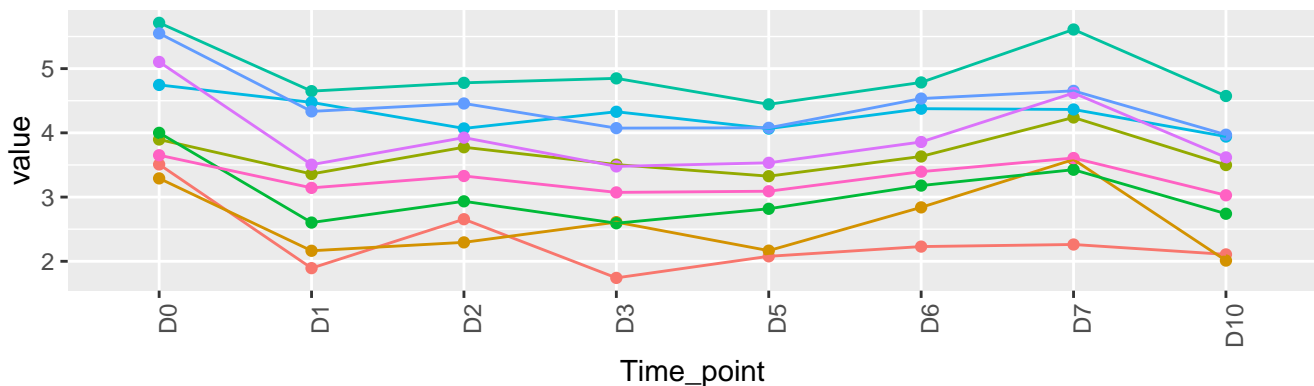
9 genes – KO-cluster-52-original



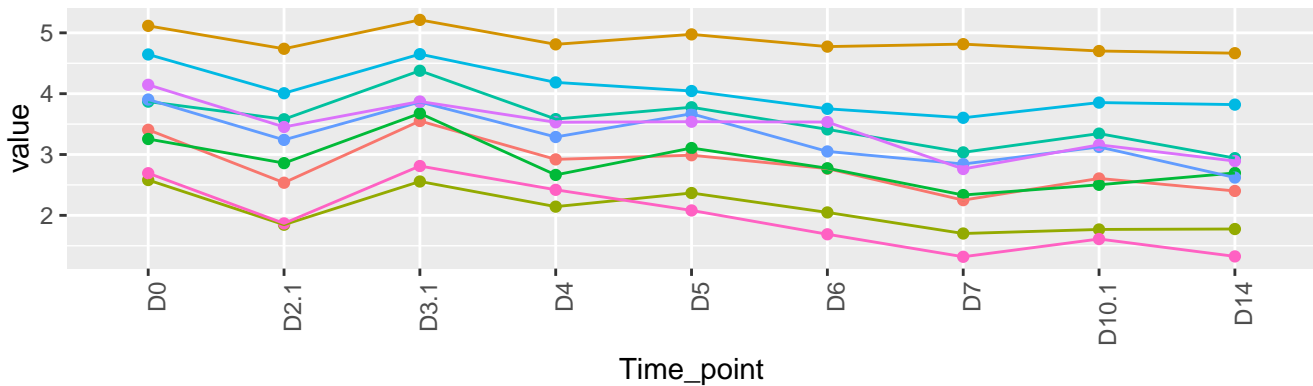
9 genes – WT-cluster-51-original



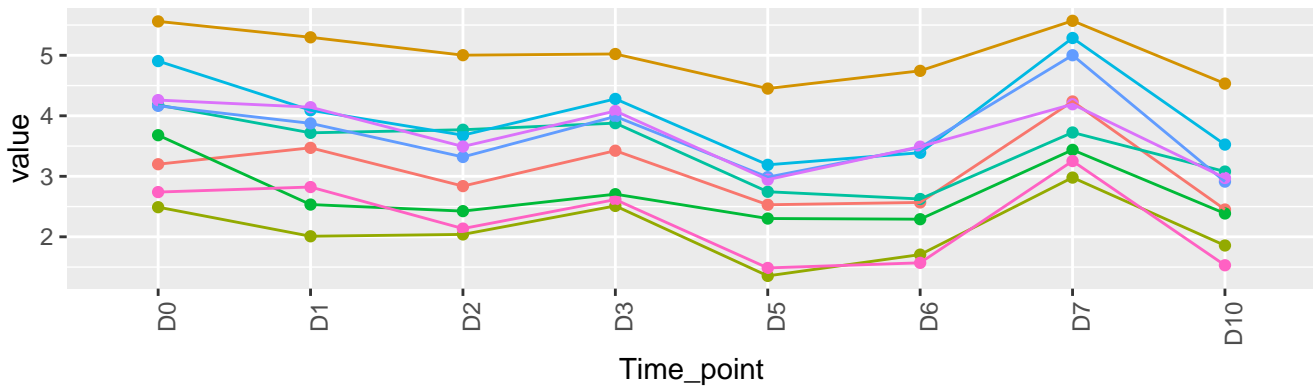
9 genes – KO-cluster-51-original



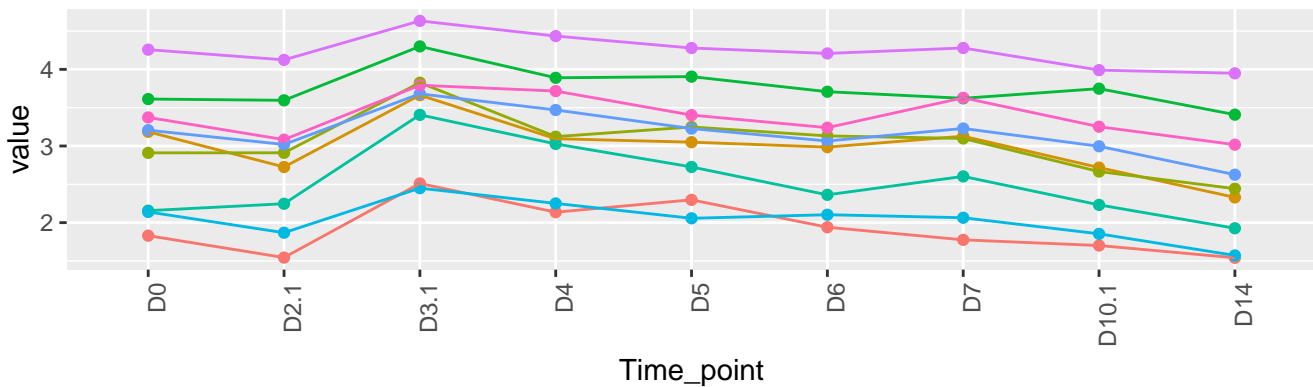
9 genes – WT-cluster-50-original



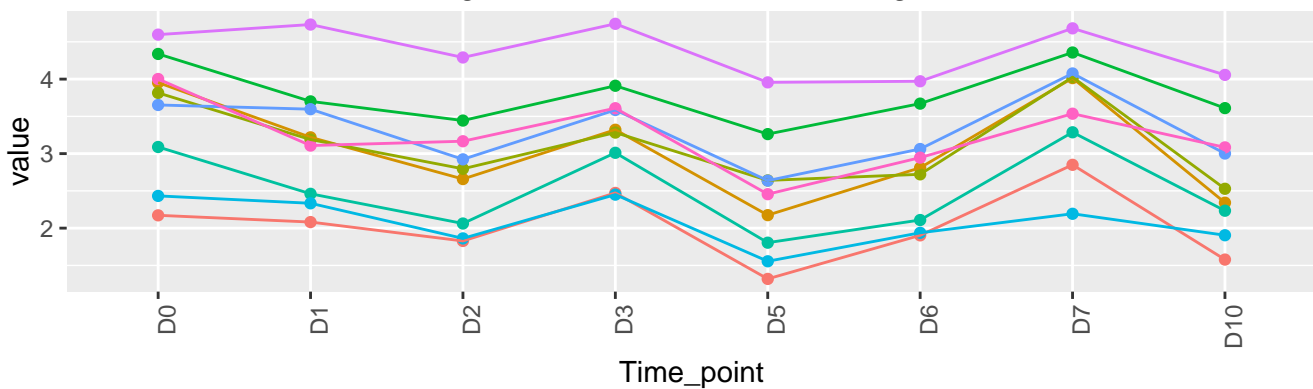
9 genes – KO-cluster-50-original



9 genes – WT-cluster-49-original

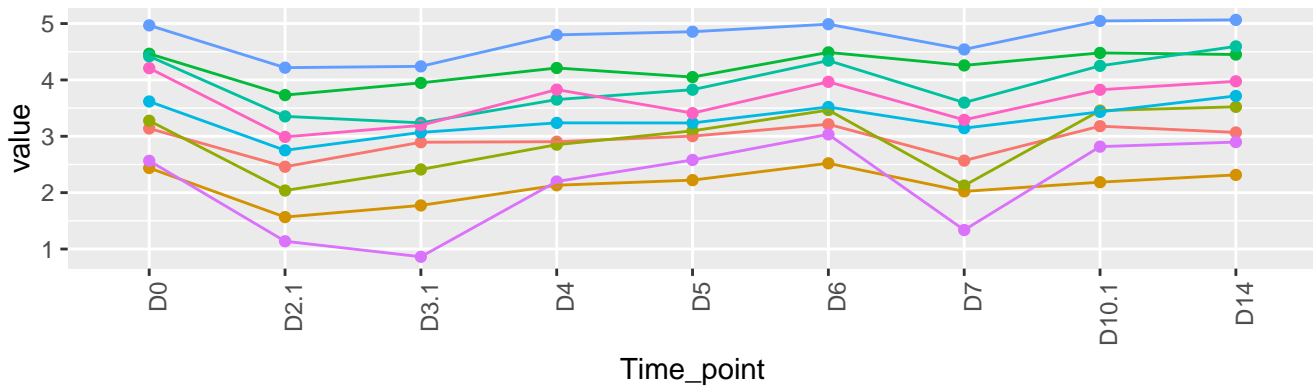


9 genes – KO-cluster-49-original

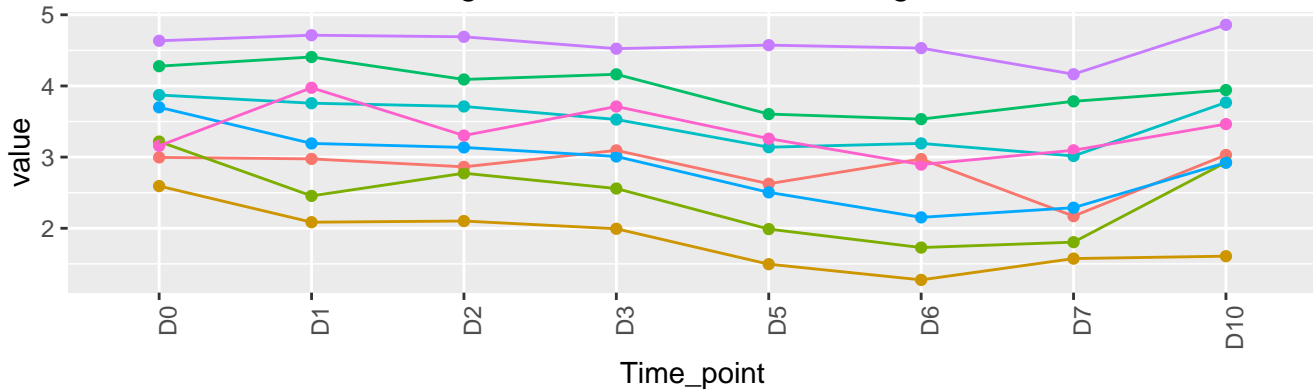




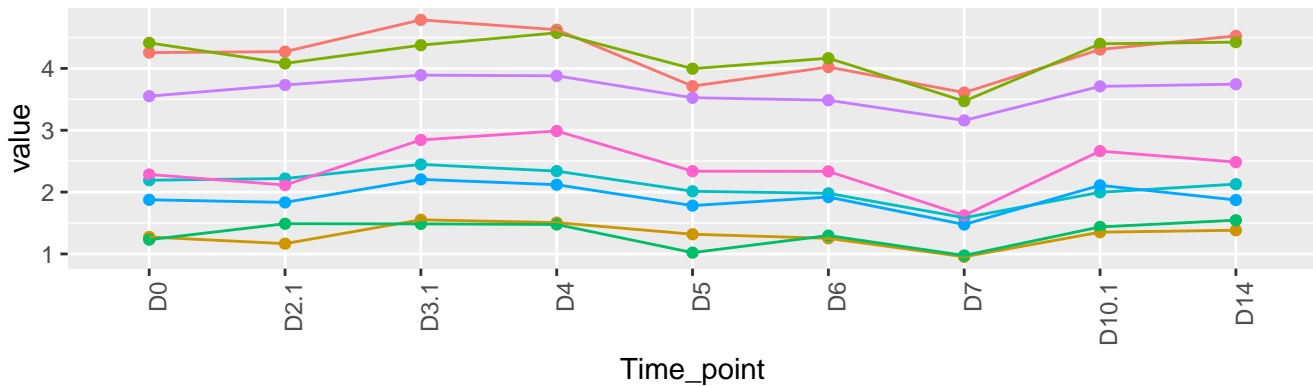
9 genes – WT-cluster-48-original



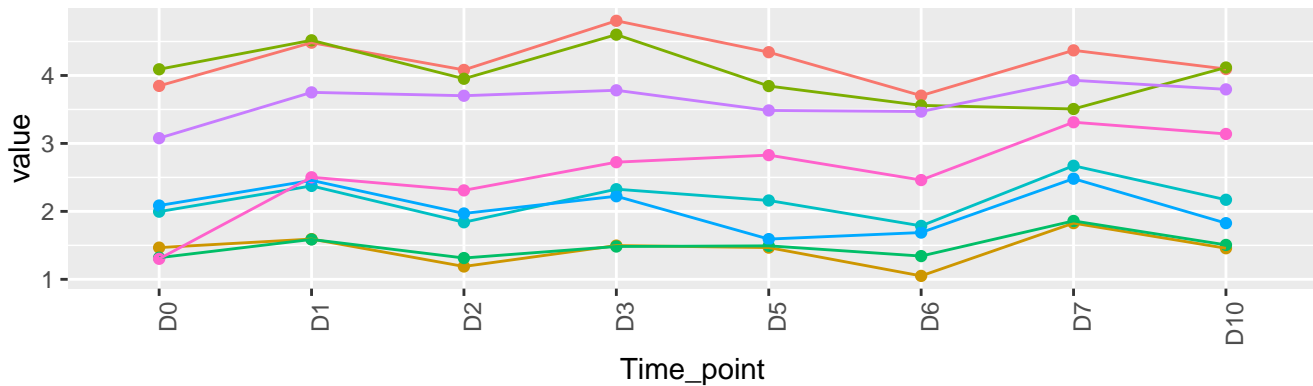
8 genes – KO-cluster-48-original



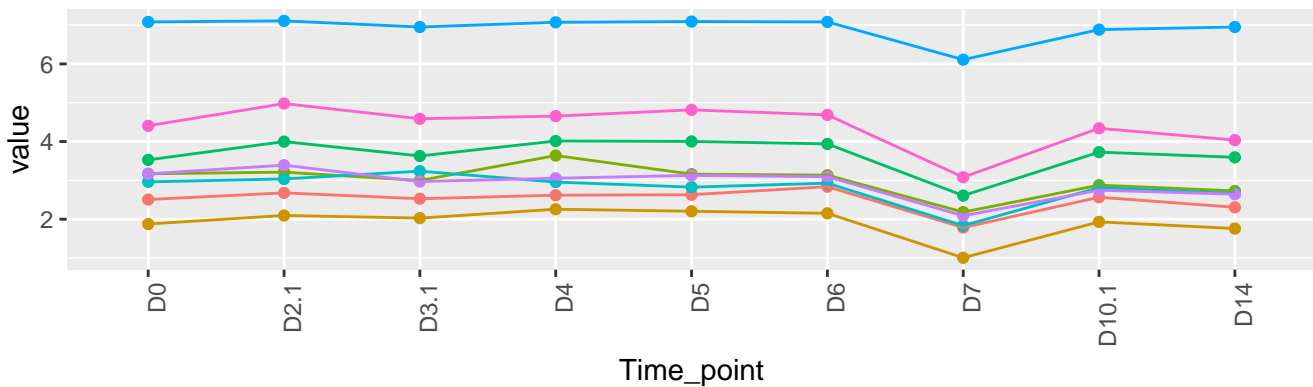
8 genes – WT-cluster-47-original



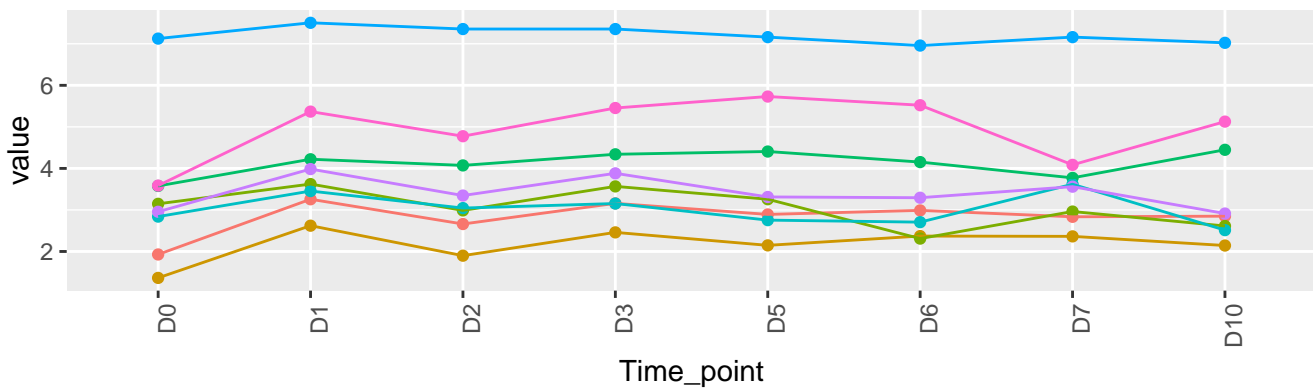
8 genes – KO-cluster-47-original



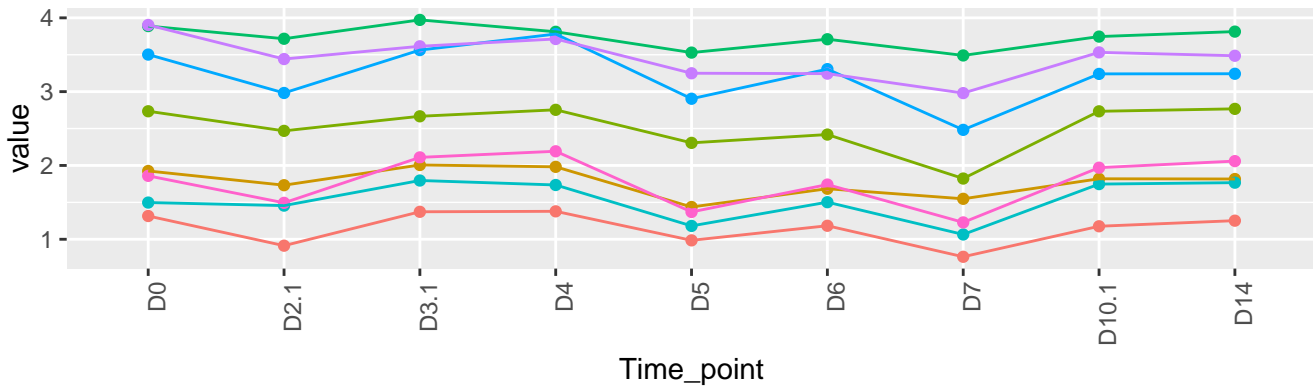
8 genes – WT-cluster-46-original



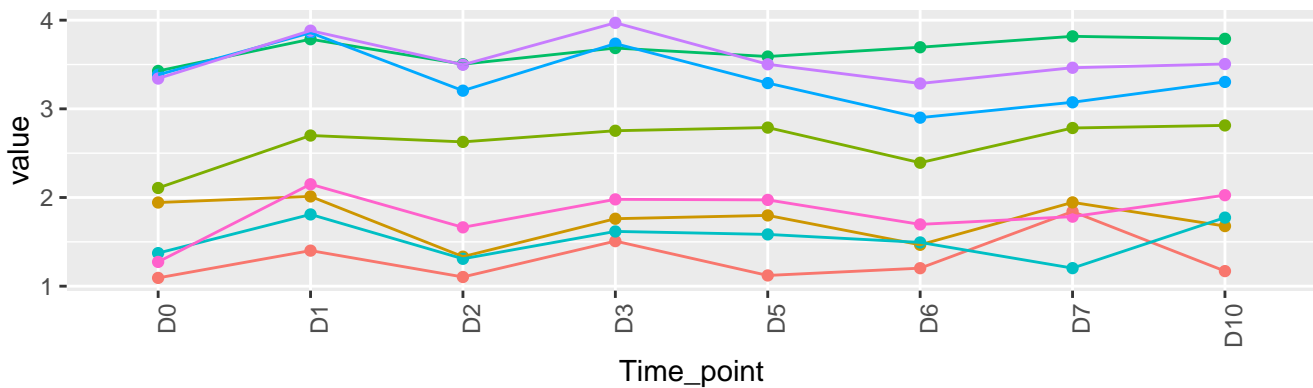
8 genes – KO-cluster-46-original



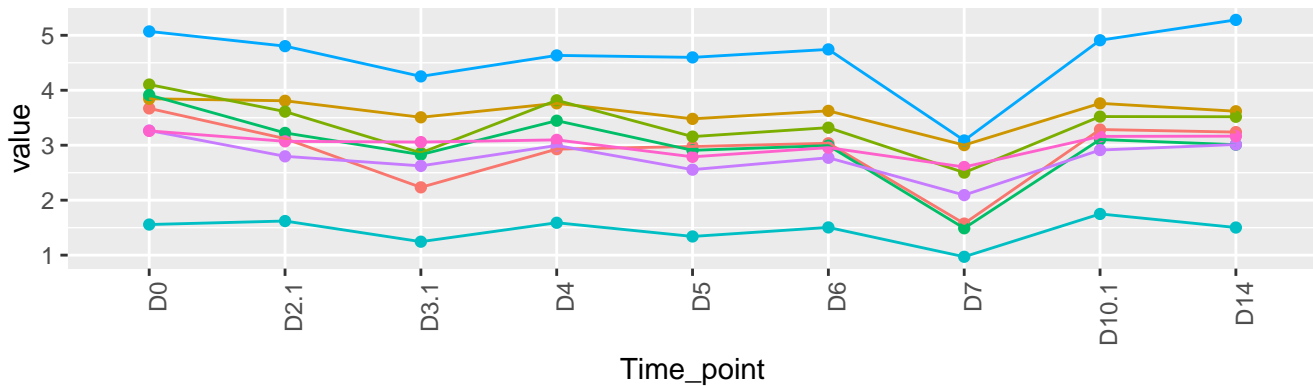
8 genes – WT-cluster-45-original



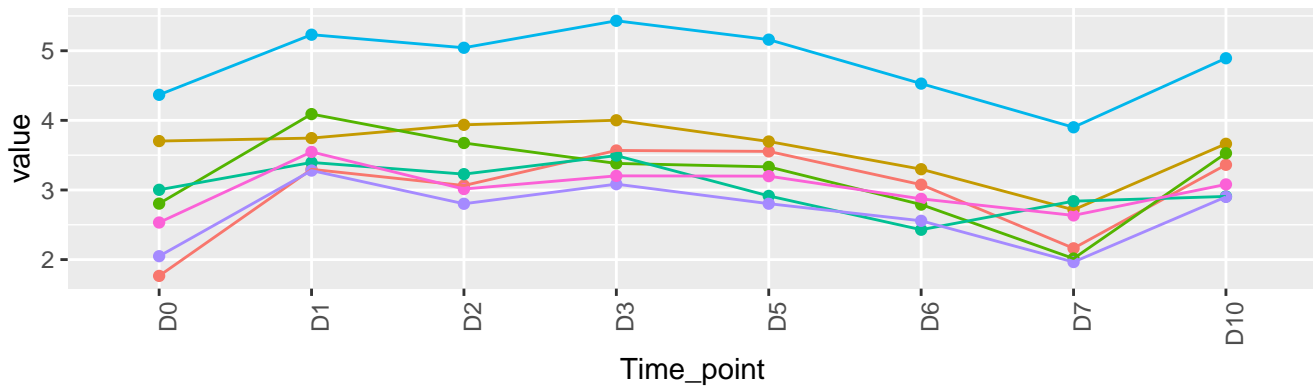
8 genes – KO-cluster-45-original



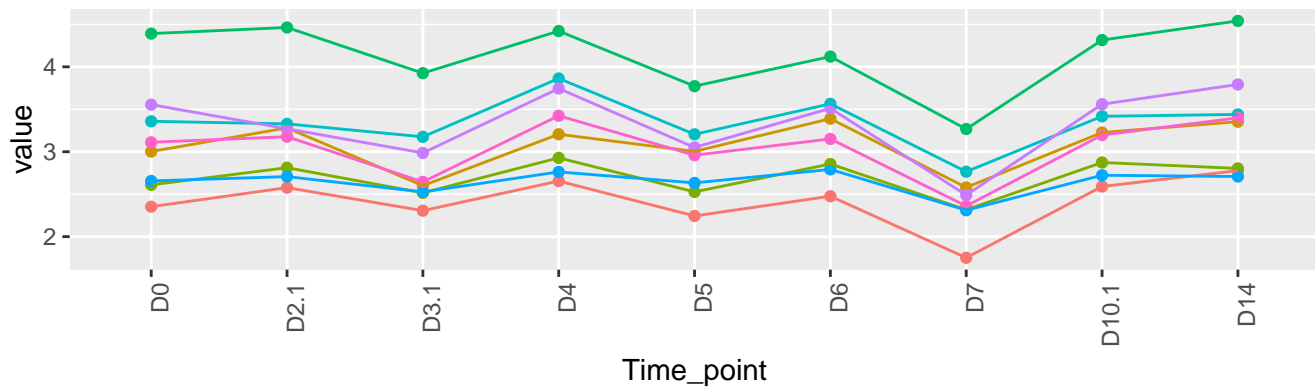
8 genes – WT-cluster-44-original



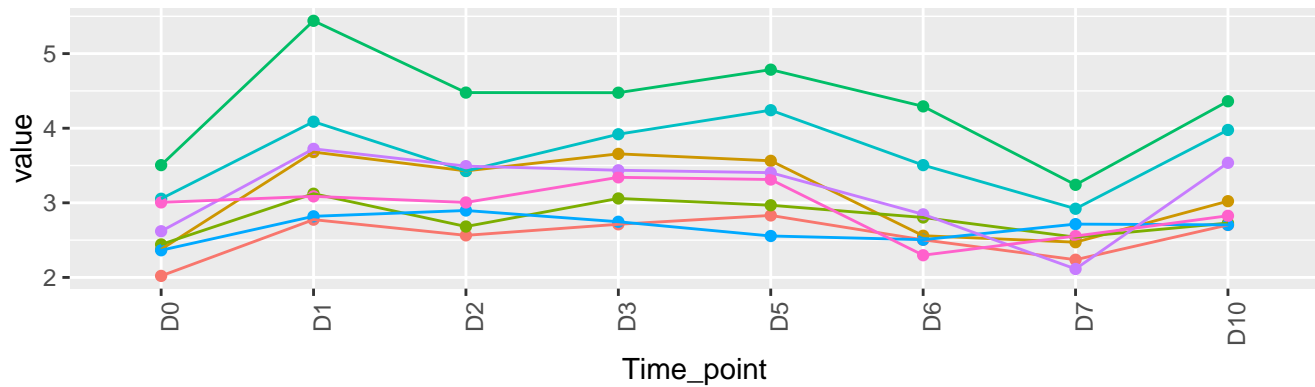
7 genes – KO-cluster-44-original



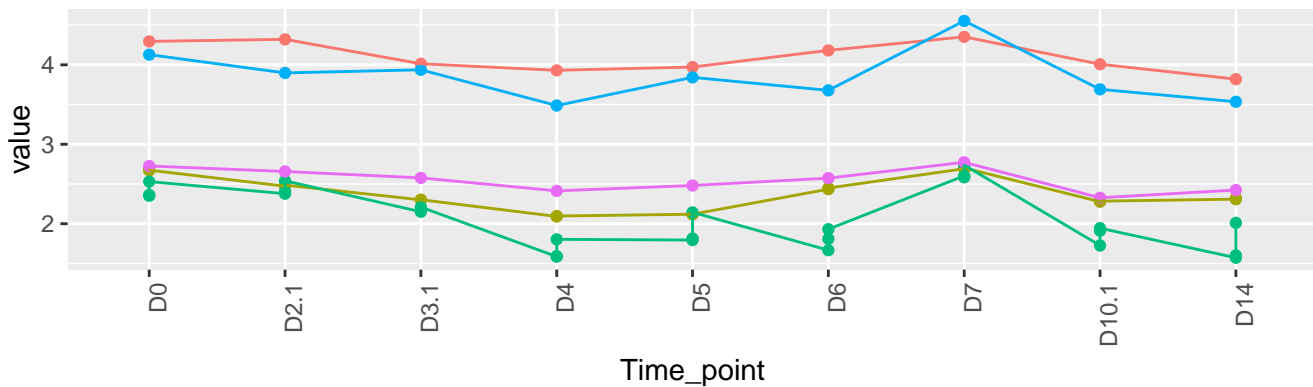
8 genes – WT-cluster-43-original



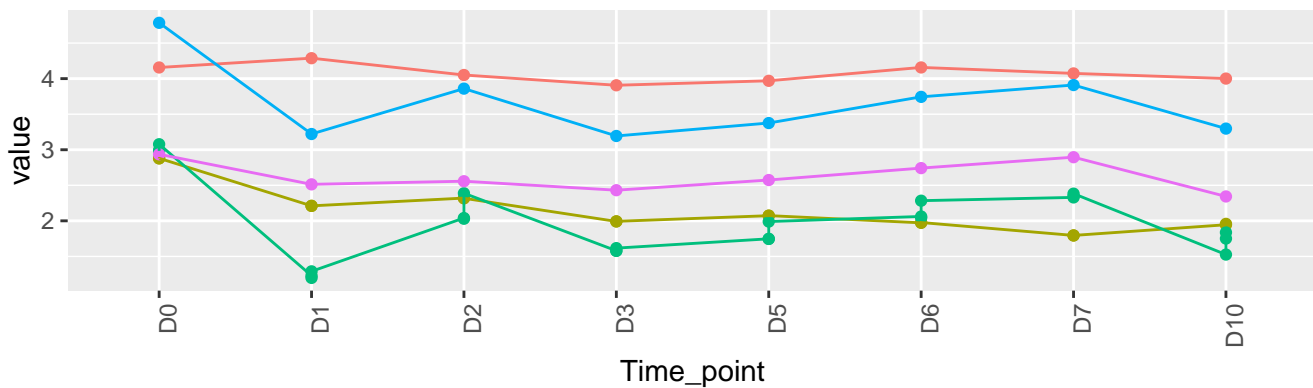
8 genes – KO-cluster-43-original



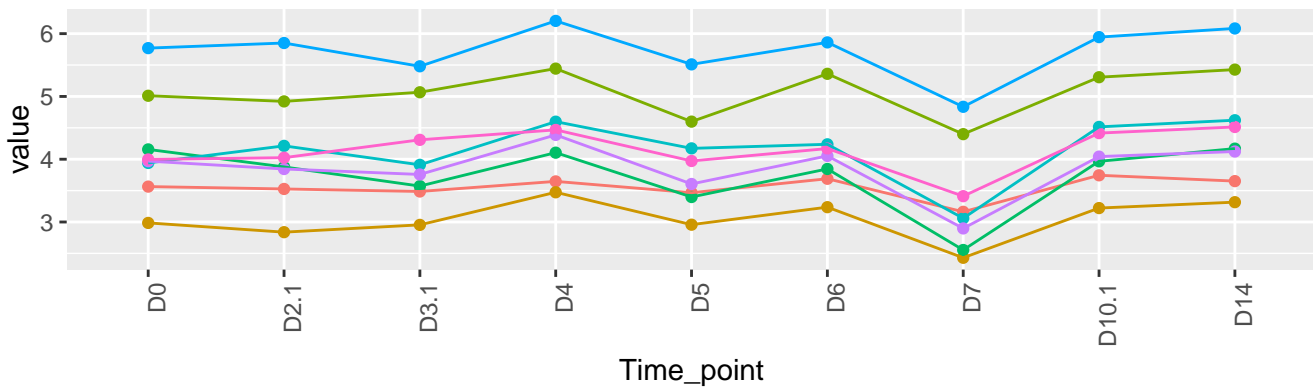
8 genes – WT-cluster-42-original



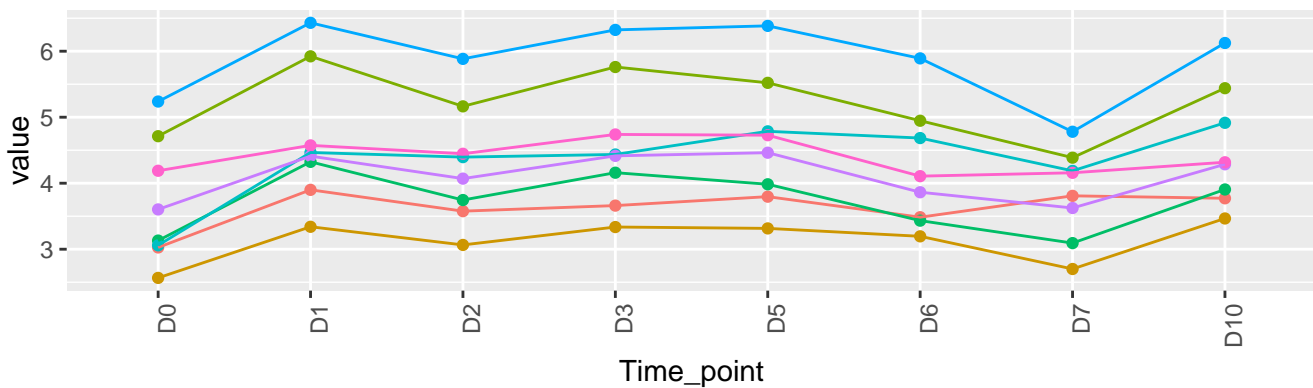
8 genes – KO-cluster-42-original



8 genes – WT-cluster-41-original

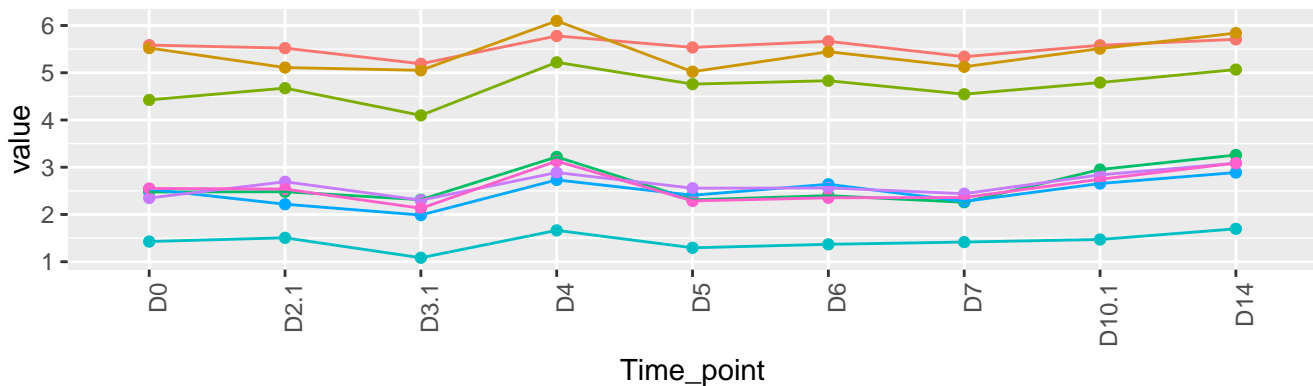


8 genes – KO-cluster-41-original

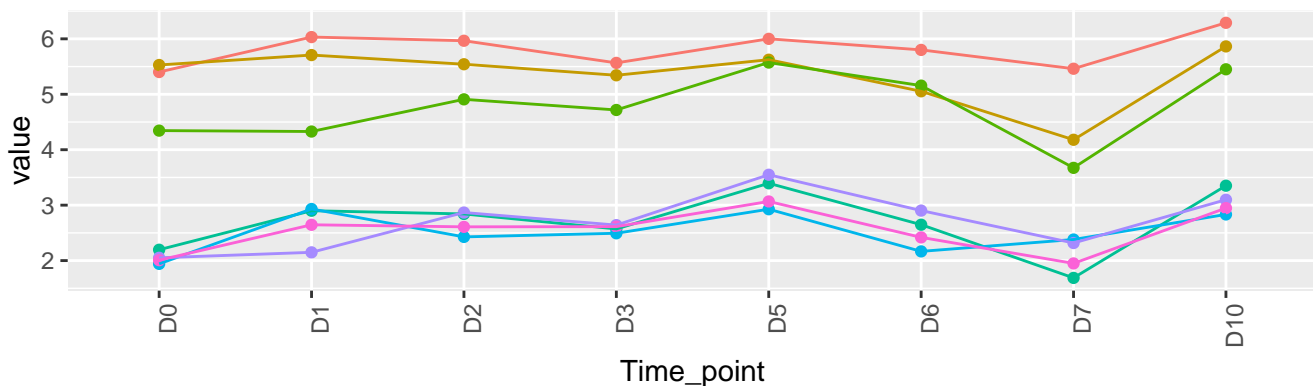




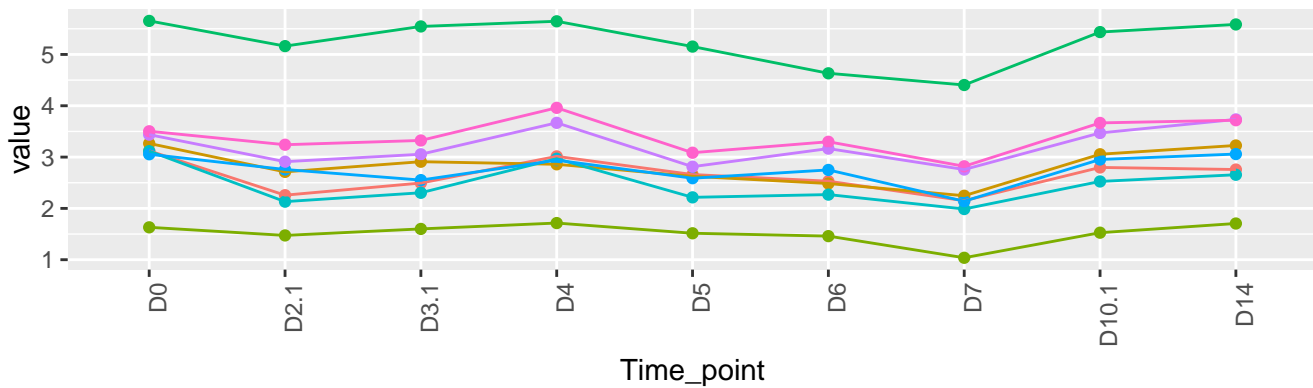
8 genes – WT-cluster-40-original



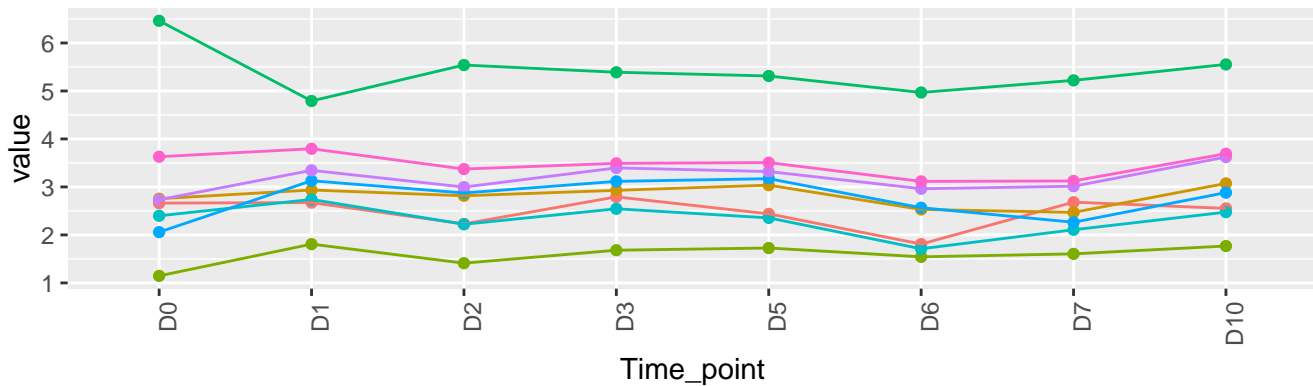
7 genes – KO-cluster-40-original



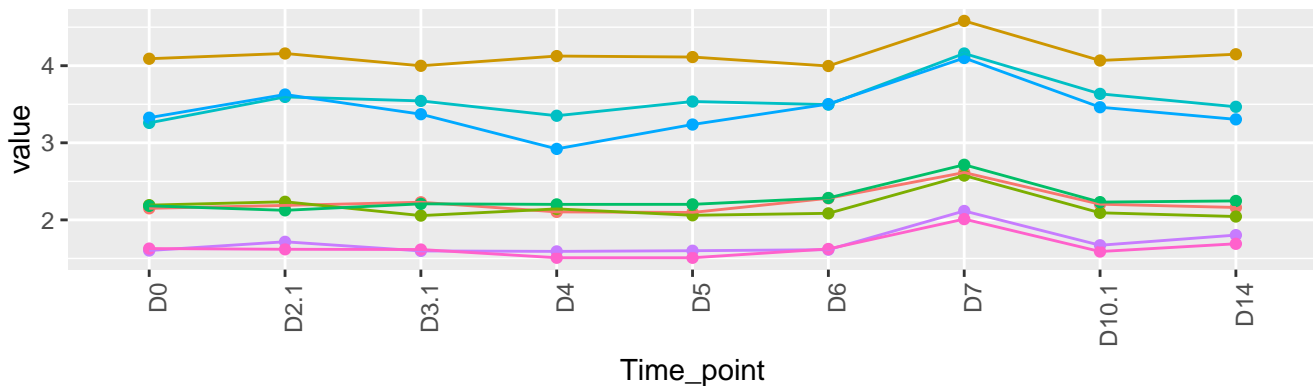
8 genes – WT-cluster-39-original



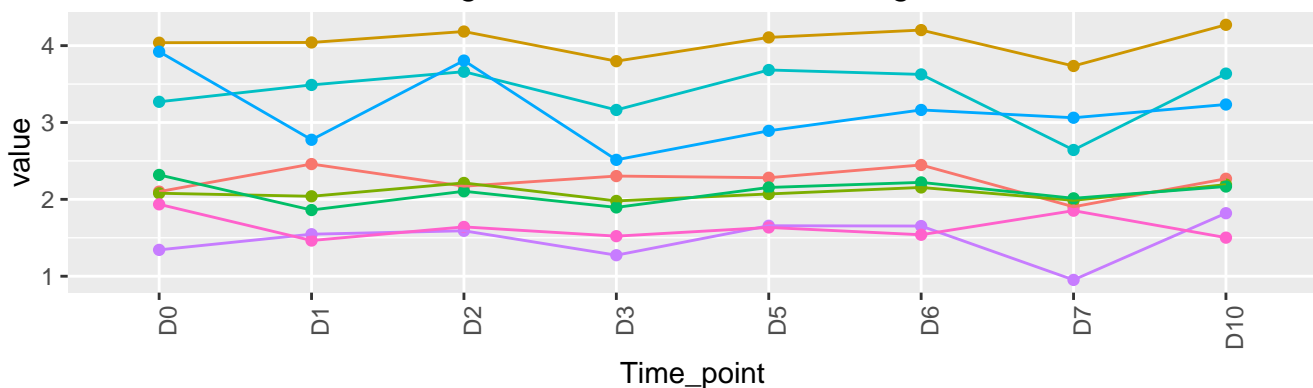
8 genes – KO-cluster-39-original



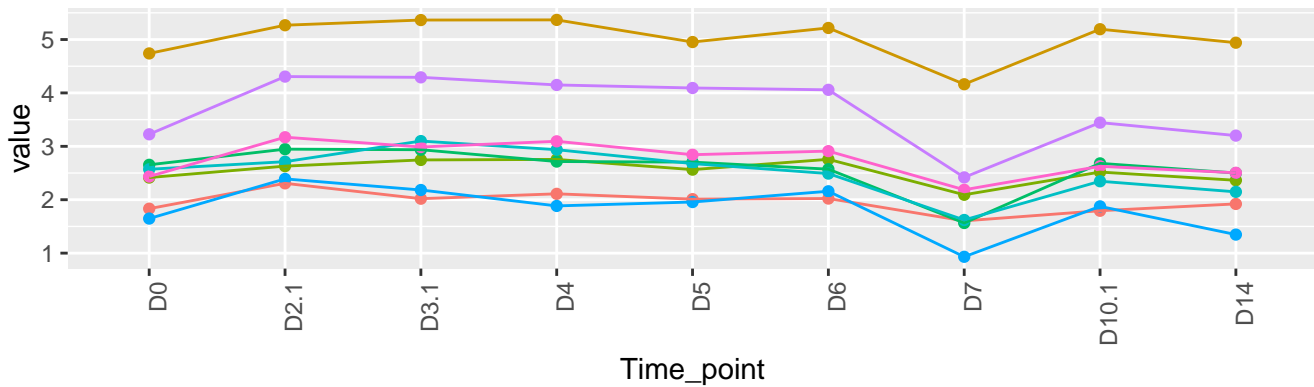
8 genes – WT-cluster-38-original



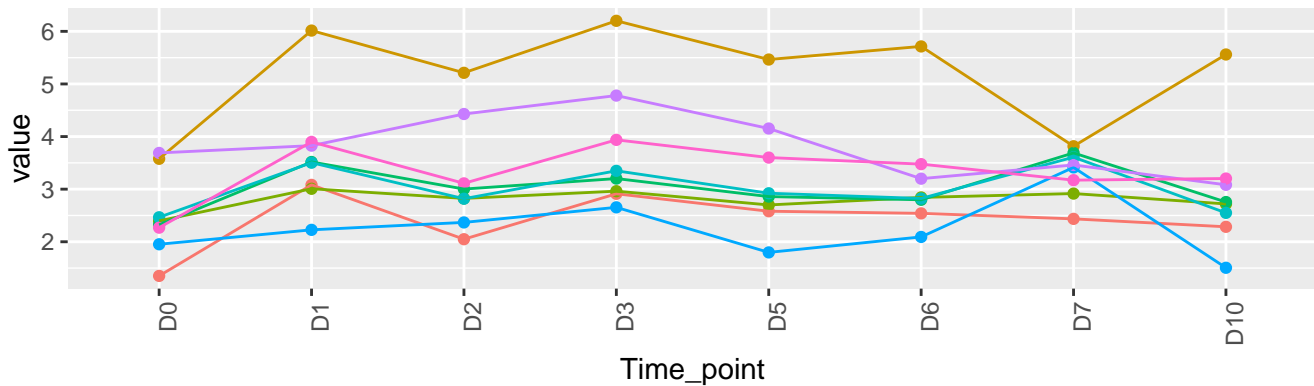
8 genes – KO-cluster-38-original



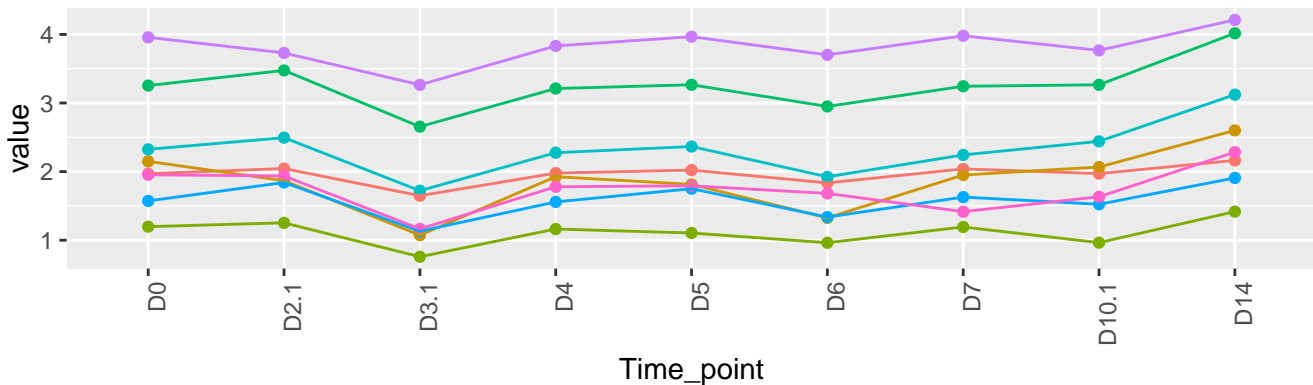
8 genes – WT-cluster-37-original



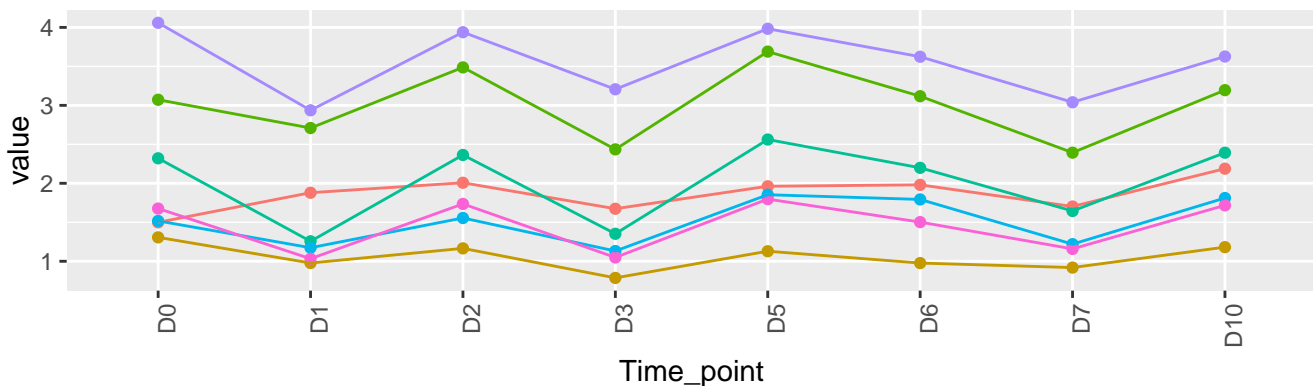
8 genes – KO-cluster-37-original



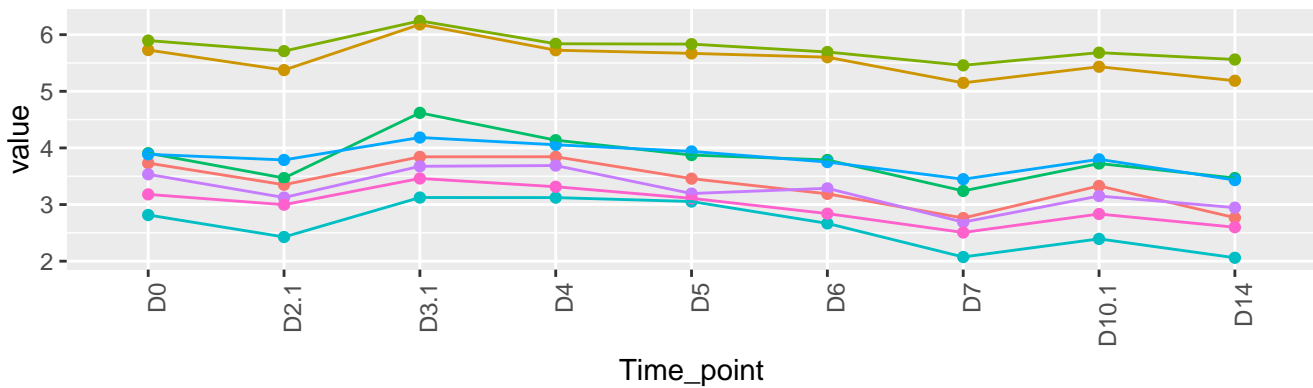
8 genes – WT-cluster-36-original



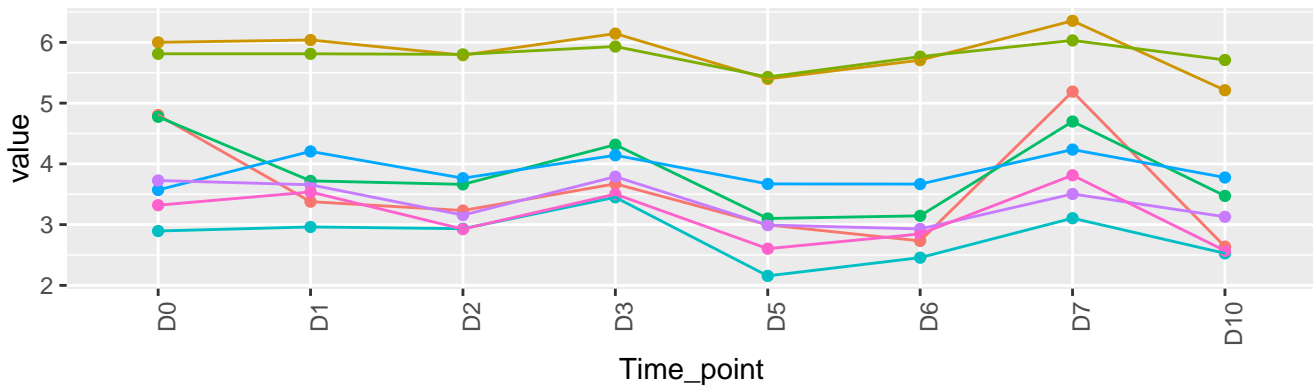
7 genes – KO-cluster-36-original



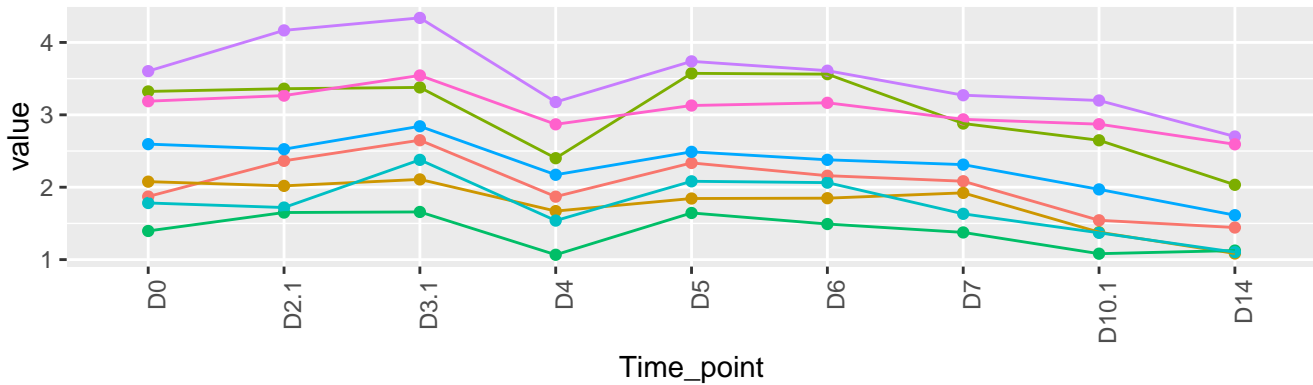
8 genes – WT-cluster-35-original



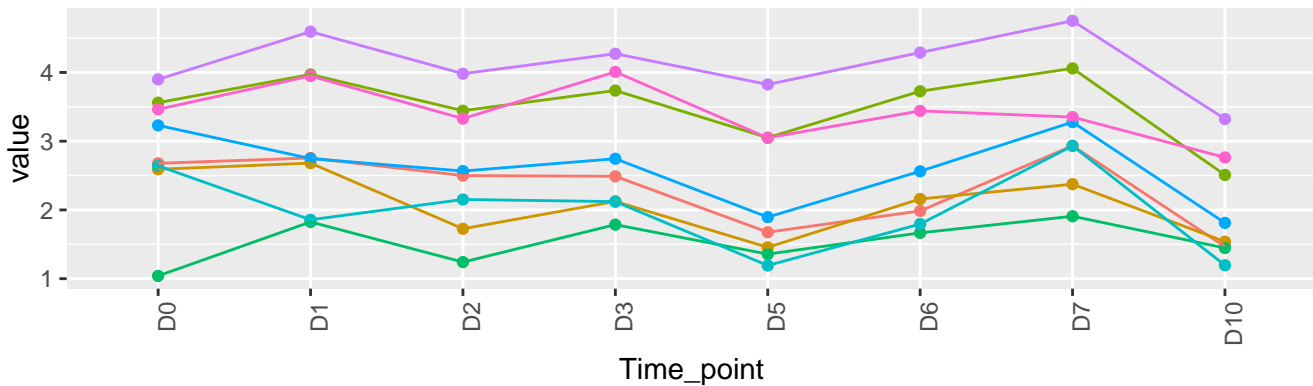
8 genes – KO-cluster-35-original



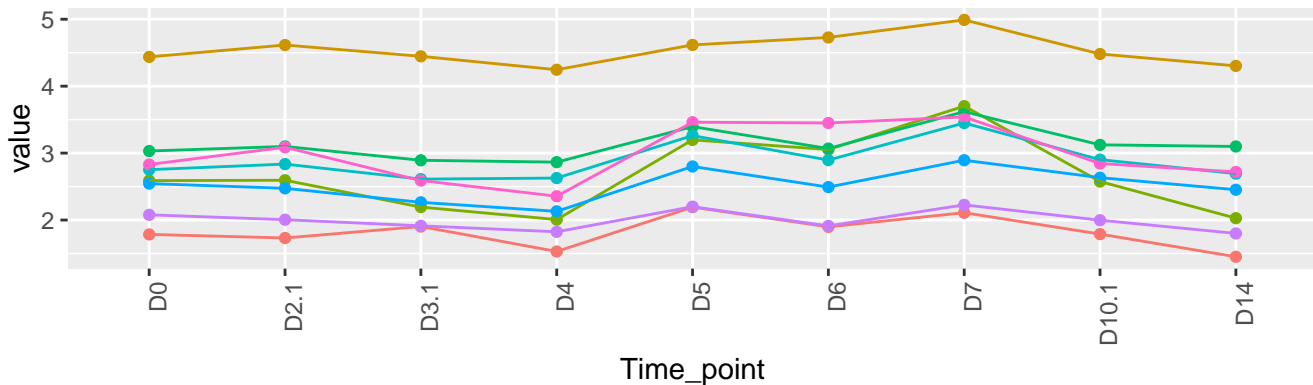
8 genes – WT-cluster-34-original



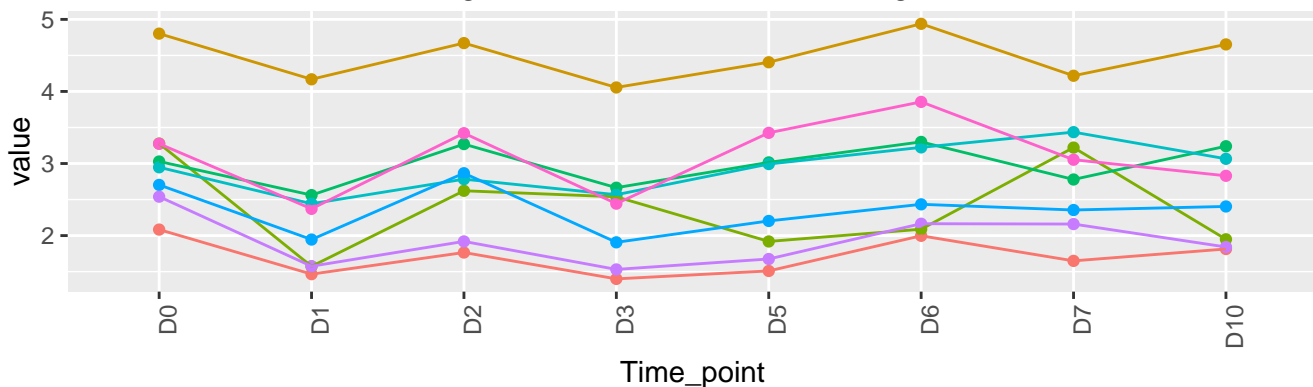
8 genes – KO-cluster-34-original



8 genes – WT-cluster-33-original

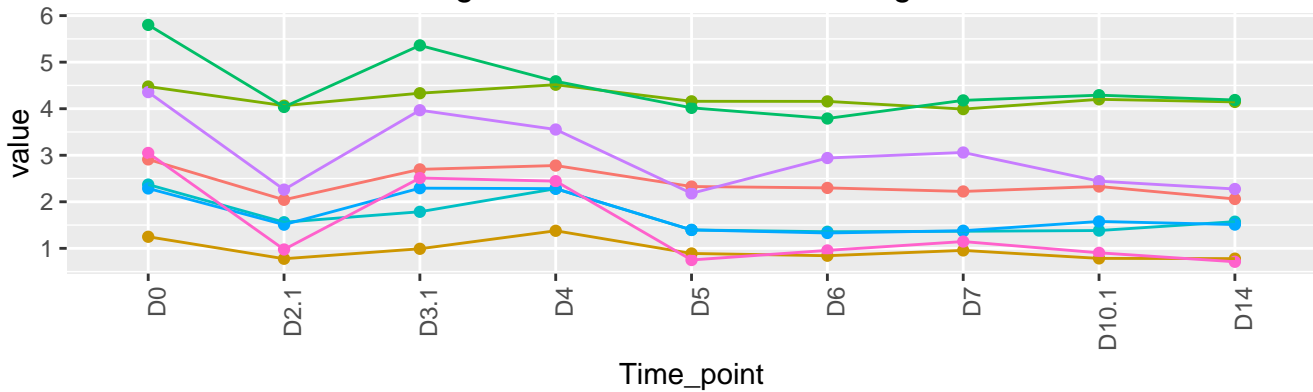


8 genes – KO-cluster-33-original

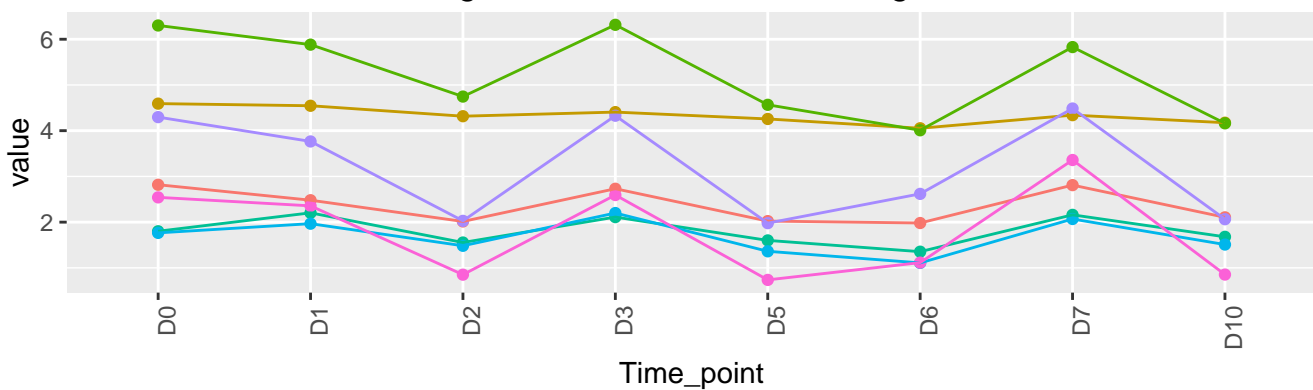




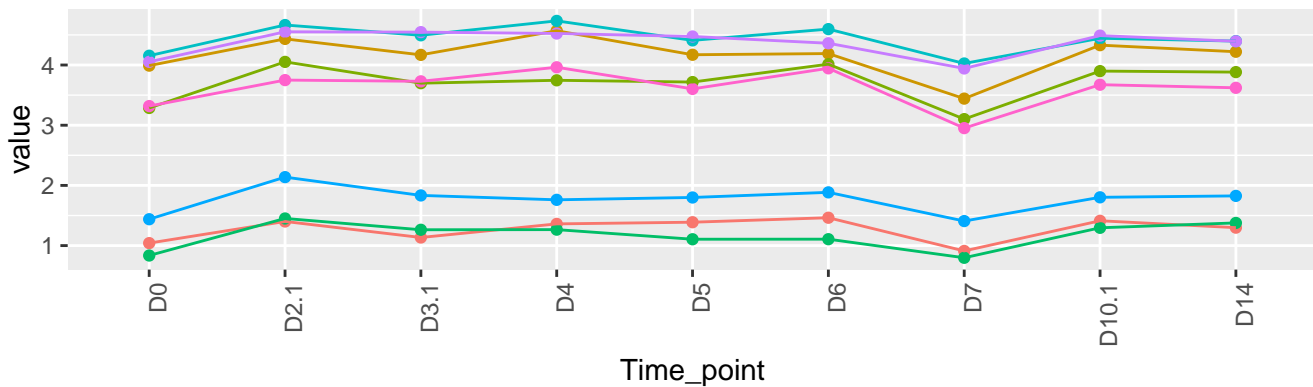
8 genes – WT-cluster-32-original



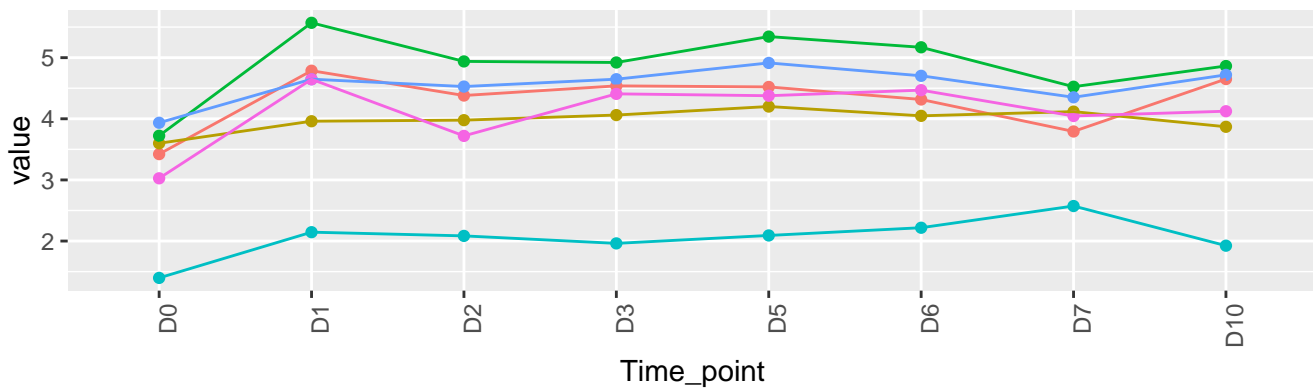
7 genes – KO-cluster-32-original



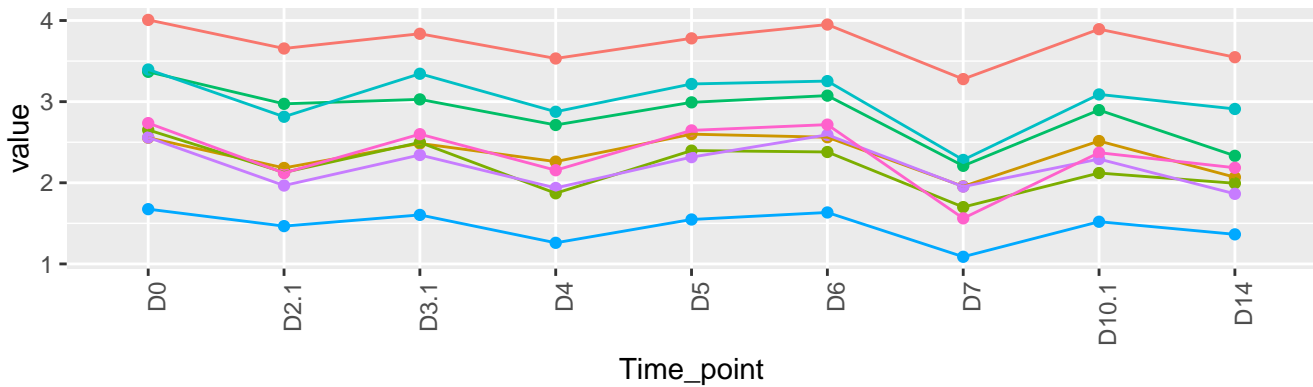
8 genes – WT-cluster-31-original



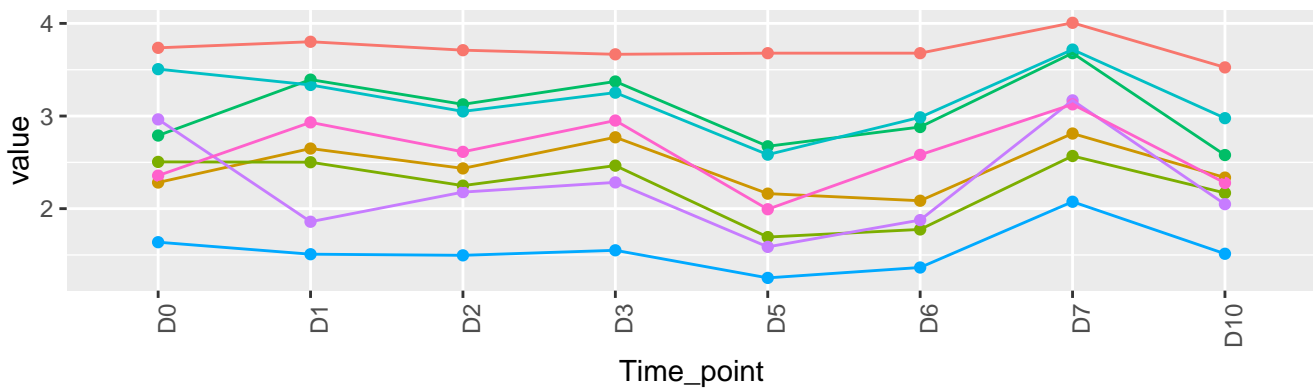
6 genes – KO-cluster-31-original



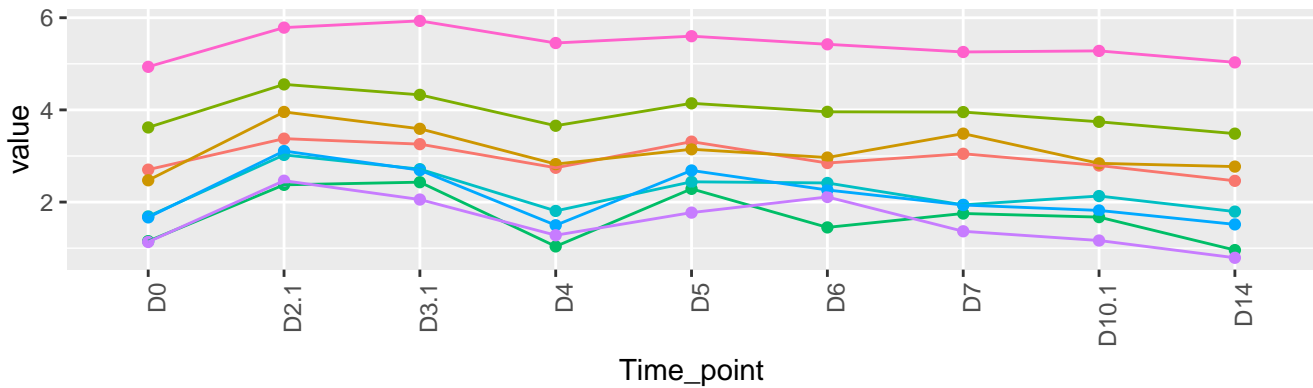
8 genes – WT-cluster-30-original



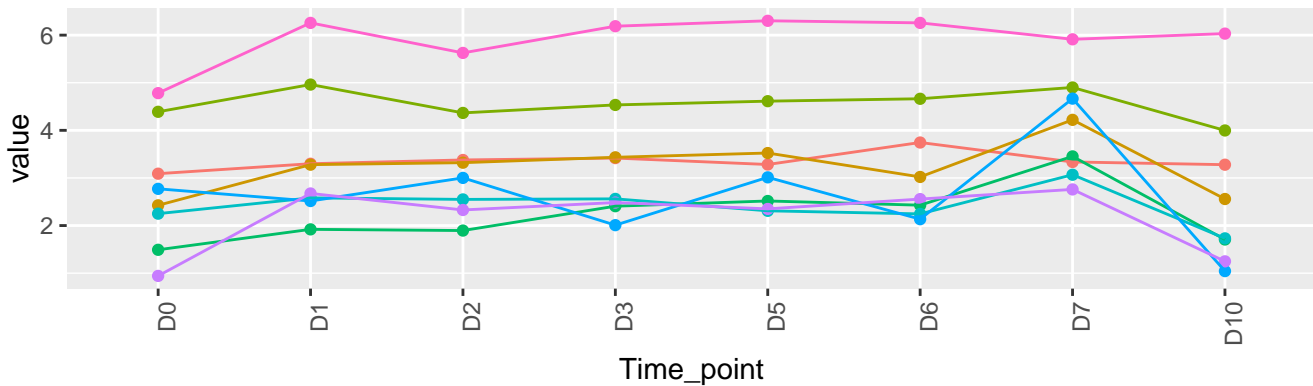
8 genes – KO-cluster-30-original



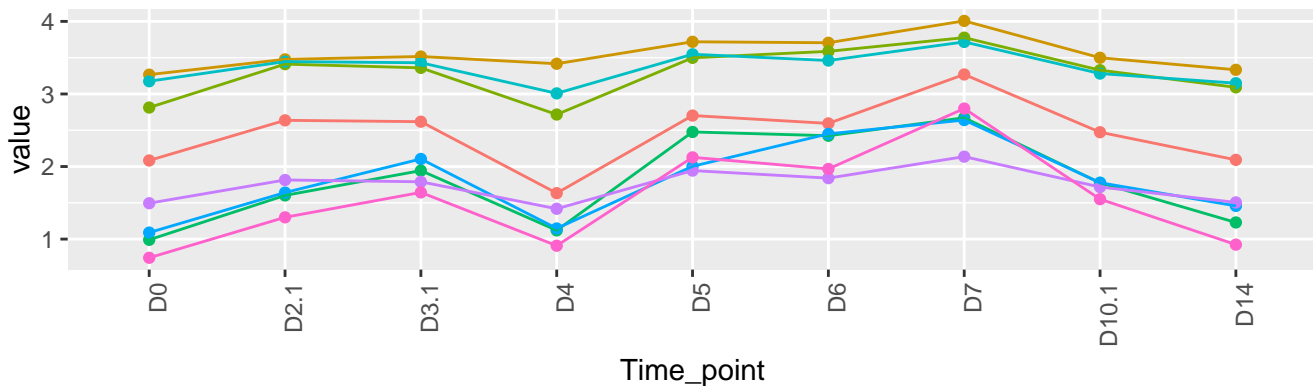
8 genes – WT-cluster-29-original



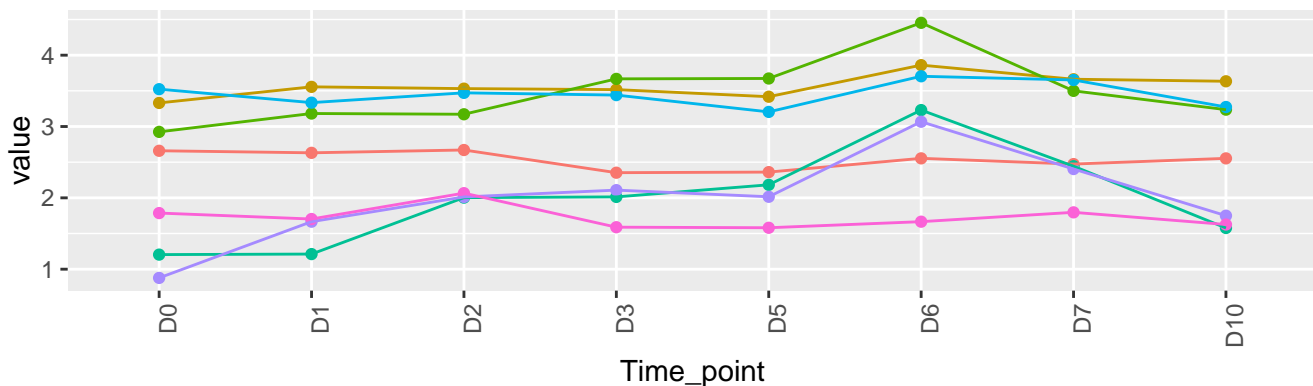
8 genes – KO-cluster-29-original



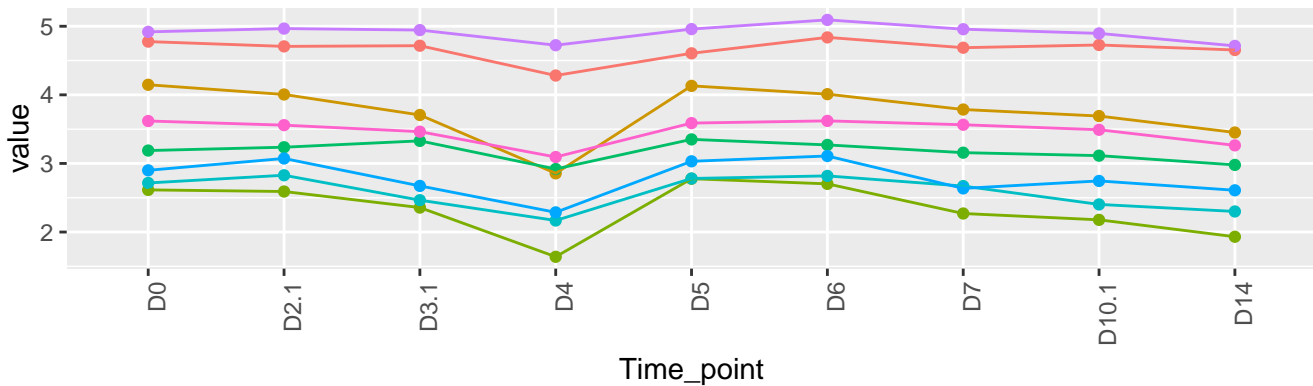
8 genes – WT-cluster-28-original



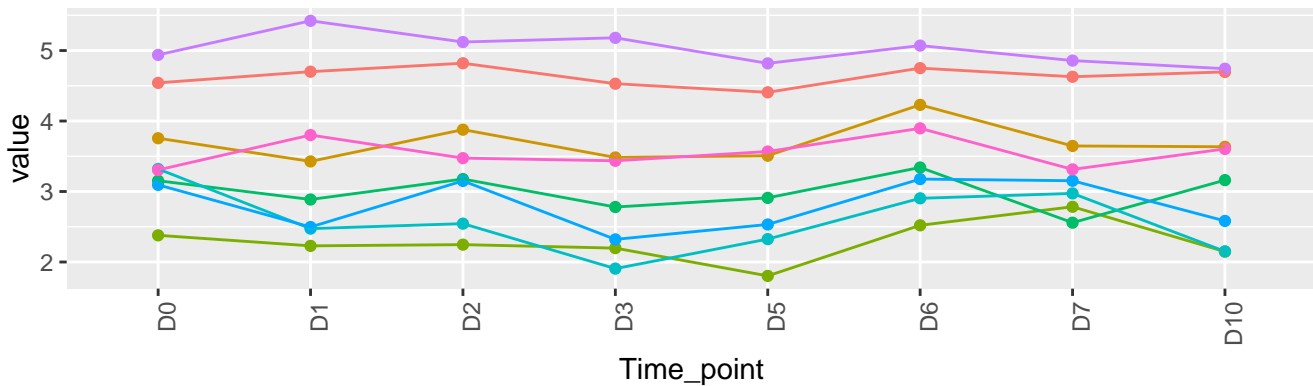
7 genes – KO-cluster-28-original



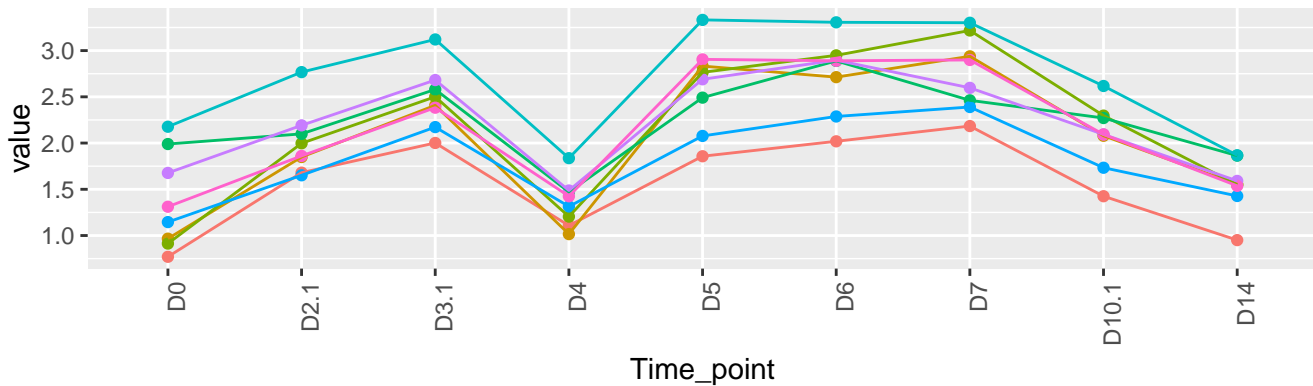
8 genes – WT-cluster-27-original



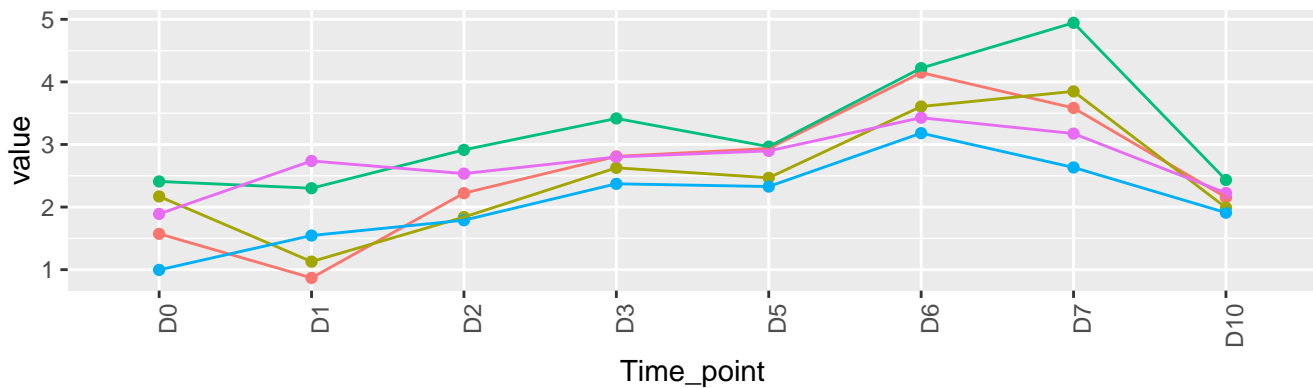
8 genes – KO-cluster-27-original



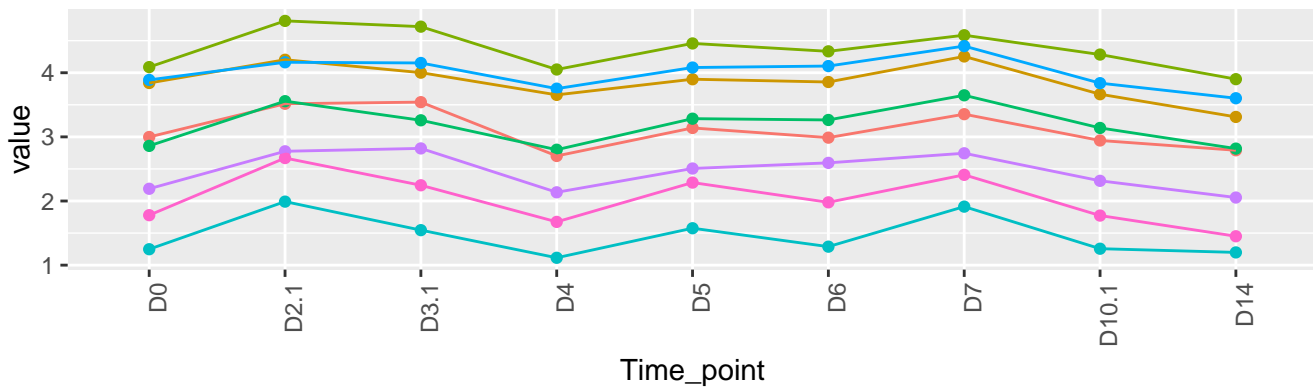
8 genes – WT-cluster-26-original



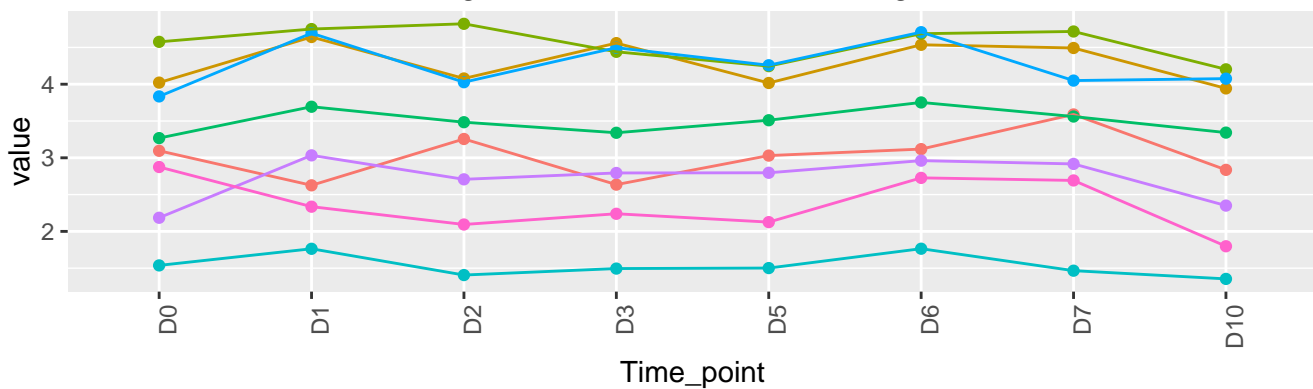
5 genes – KO-cluster-26-original



8 genes – WT-cluster-25-original

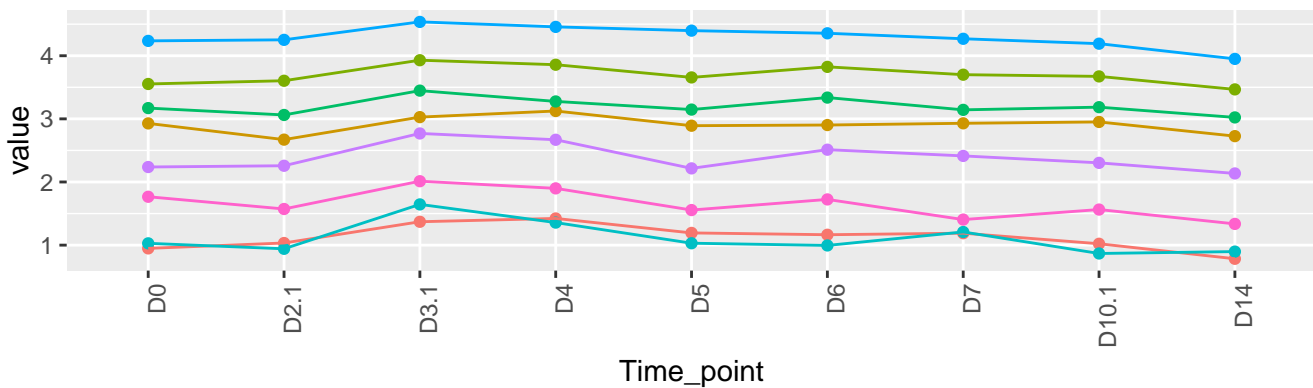


8 genes – KO-cluster-25-original

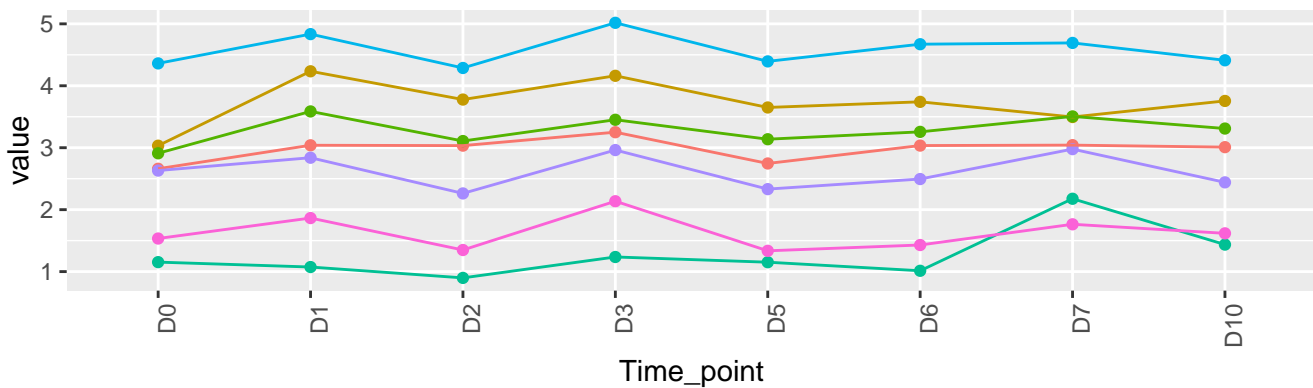




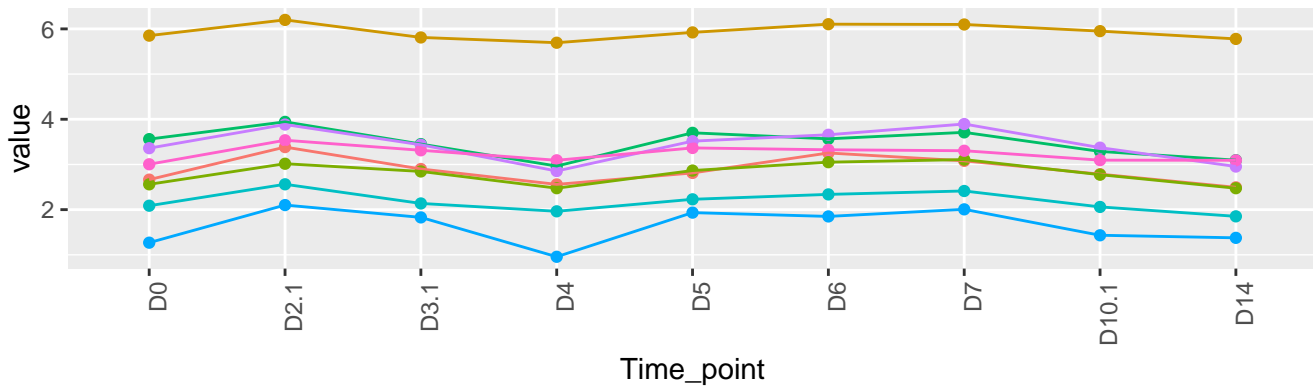
8 genes – WT-cluster-24-original



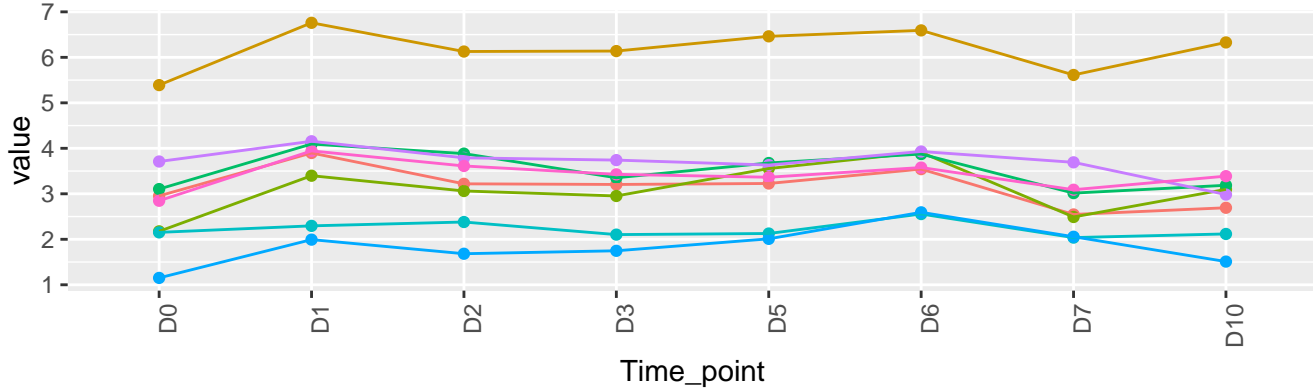
7 genes – KO-cluster-24-original



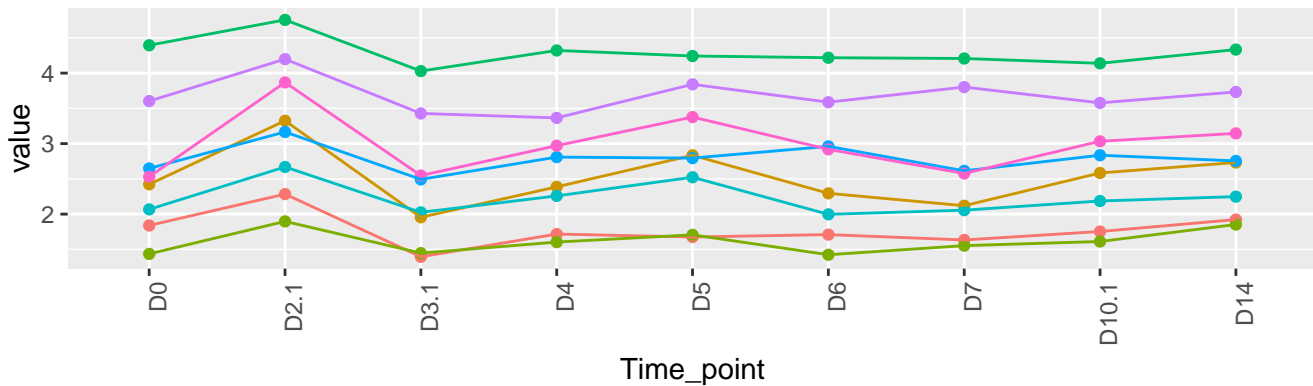
8 genes – WT-cluster-23-original



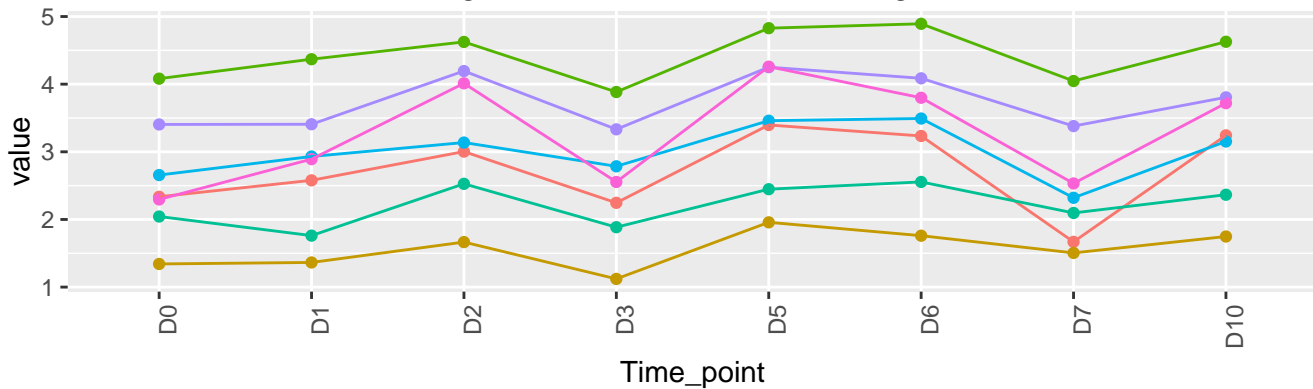
8 genes – KO-cluster-23-original



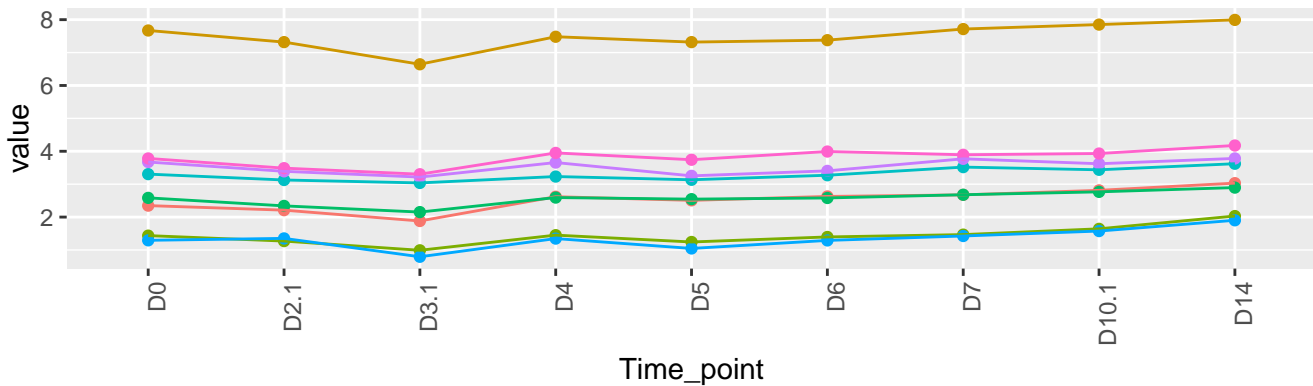
8 genes – WT-cluster-22-original



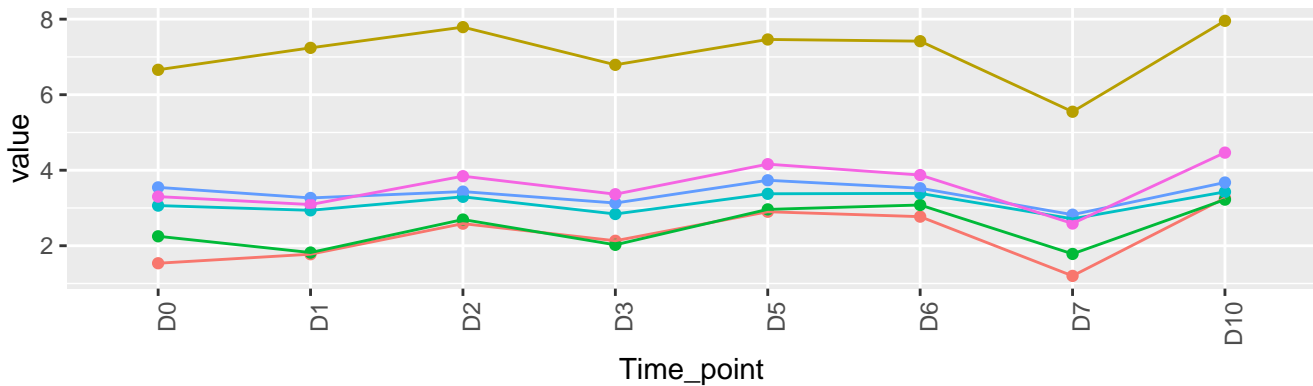
7 genes – KO-cluster-22-original



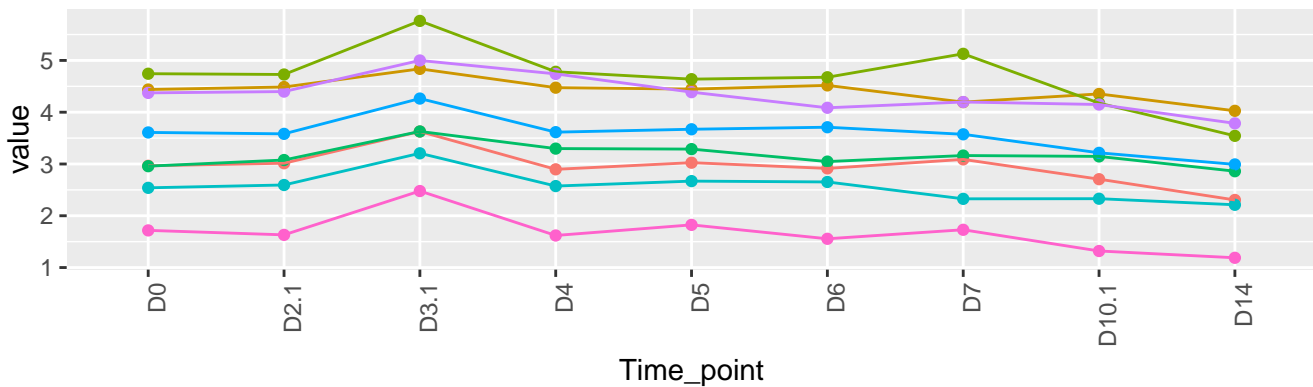
8 genes – WT-cluster-21-original



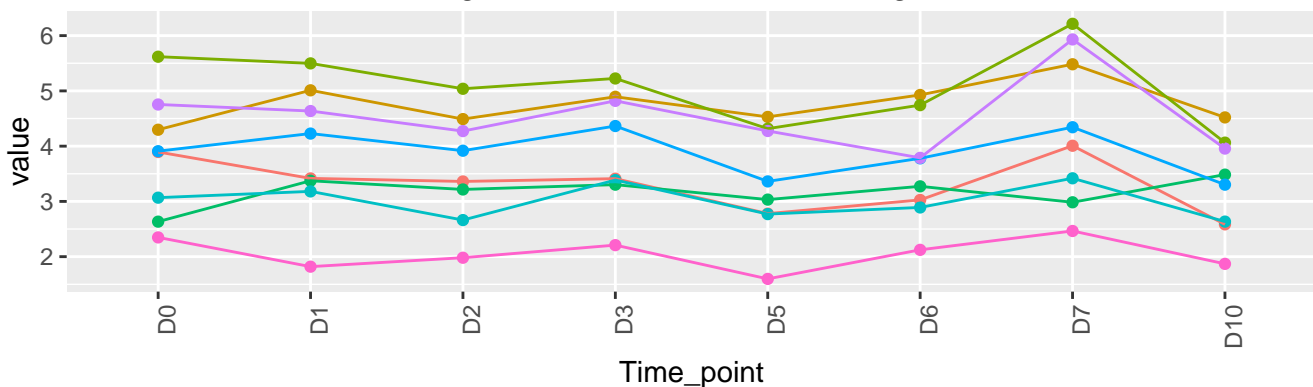
6 genes – KO-cluster-21-original



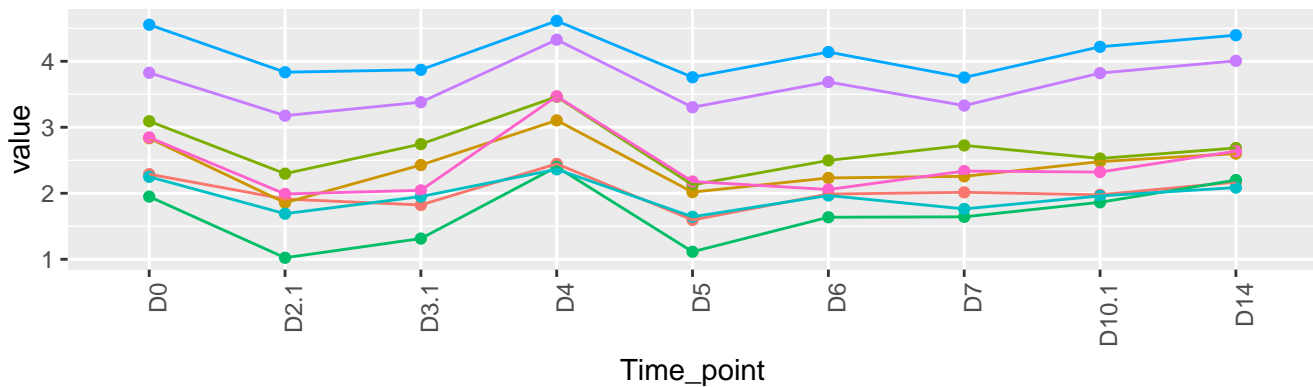
8 genes – WT-cluster-20-original



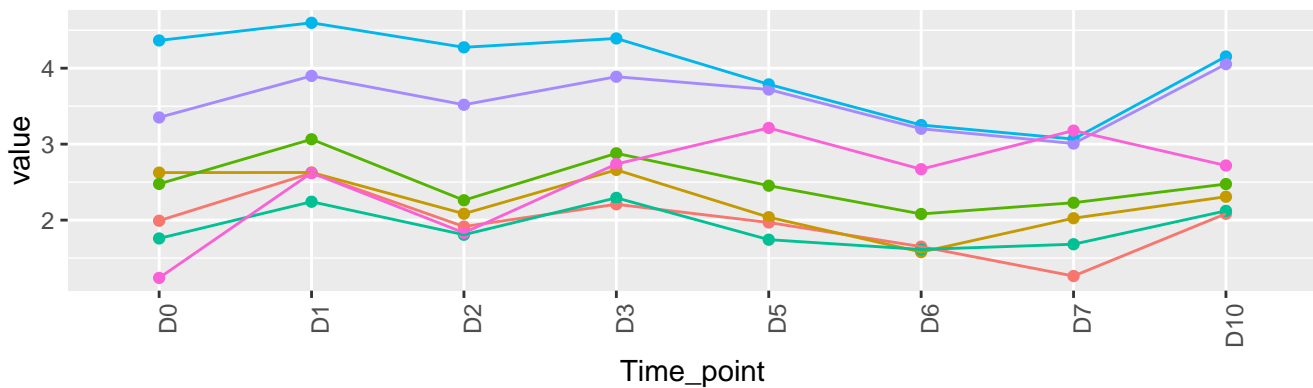
8 genes – KO-cluster-20-original



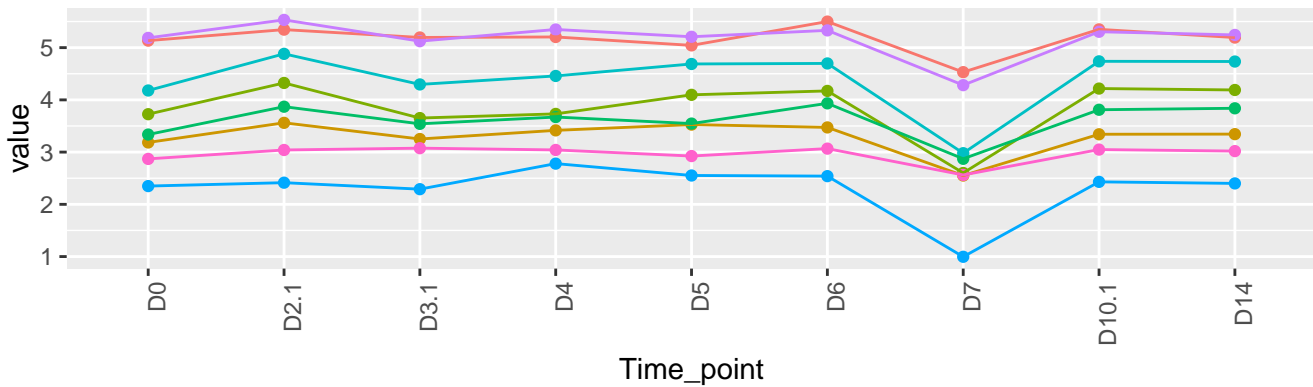
8 genes – WT-cluster-19-original



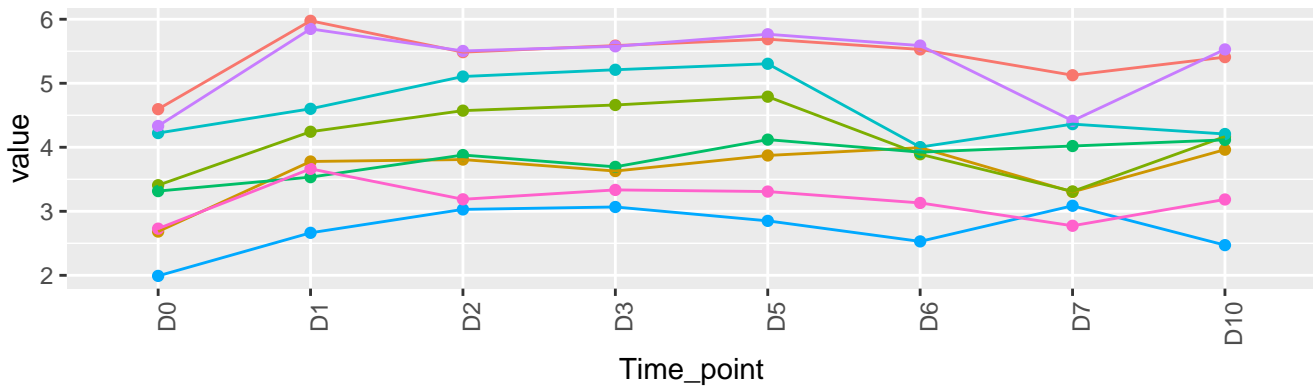
7 genes – KO-cluster-19-original



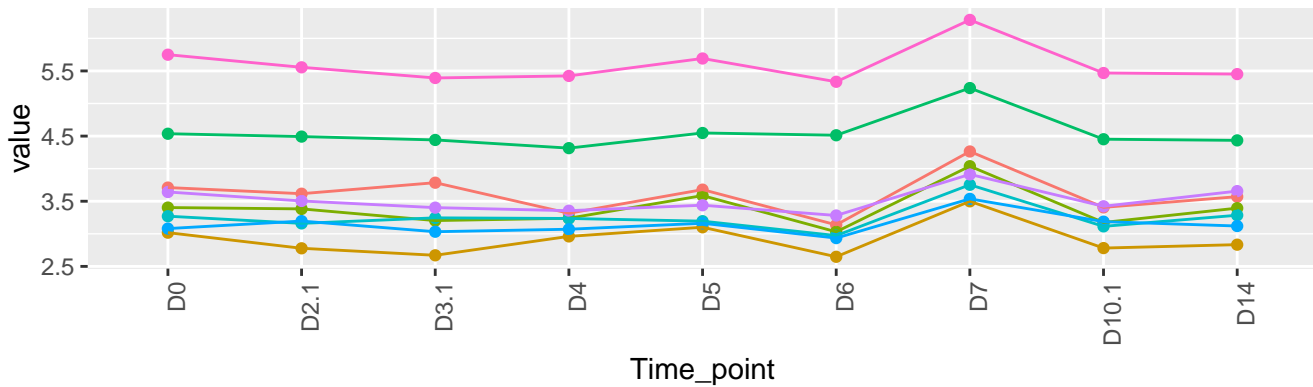
8 genes – WT-cluster-18-original



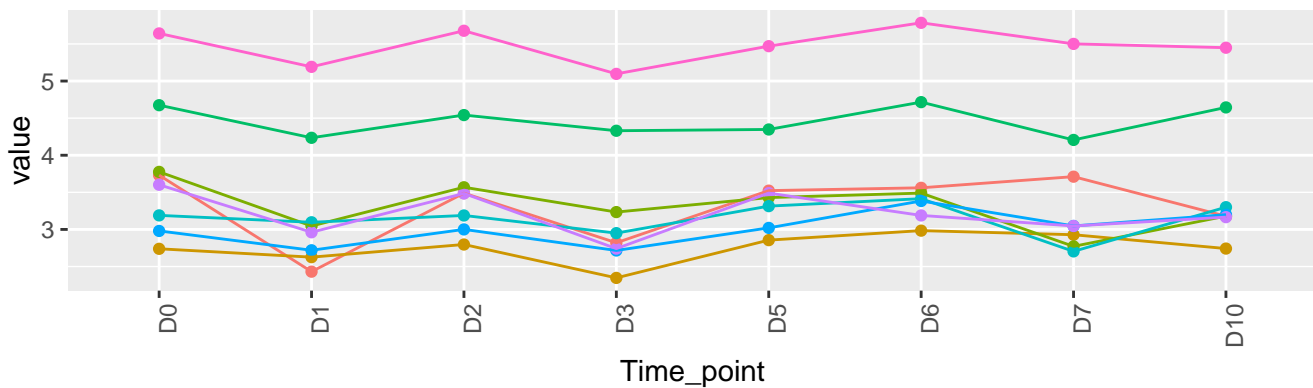
8 genes – KO-cluster-18-original



8 genes – WT-cluster-17-original

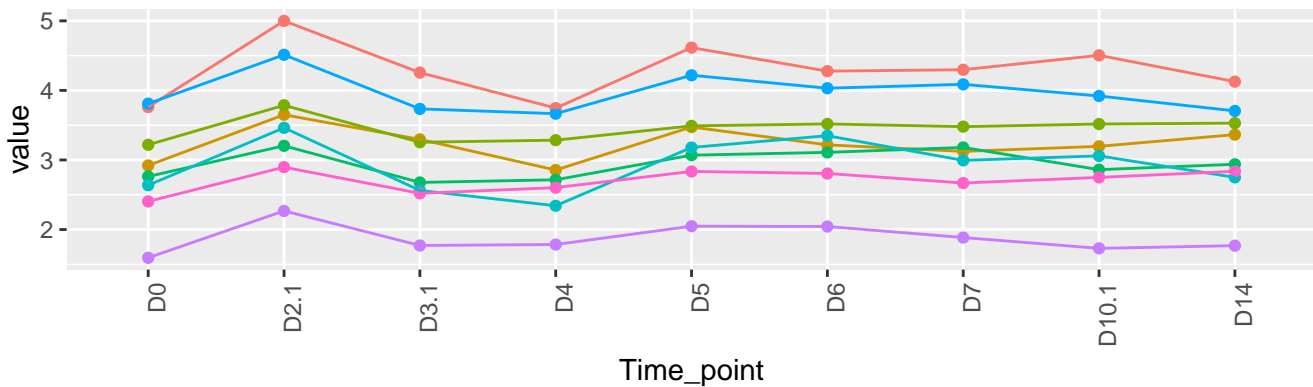


8 genes – KO-cluster-17-original

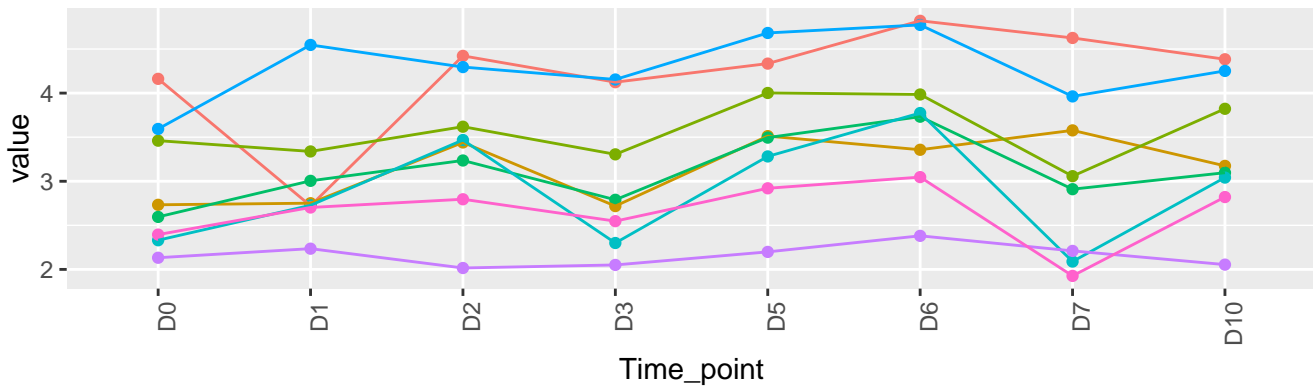




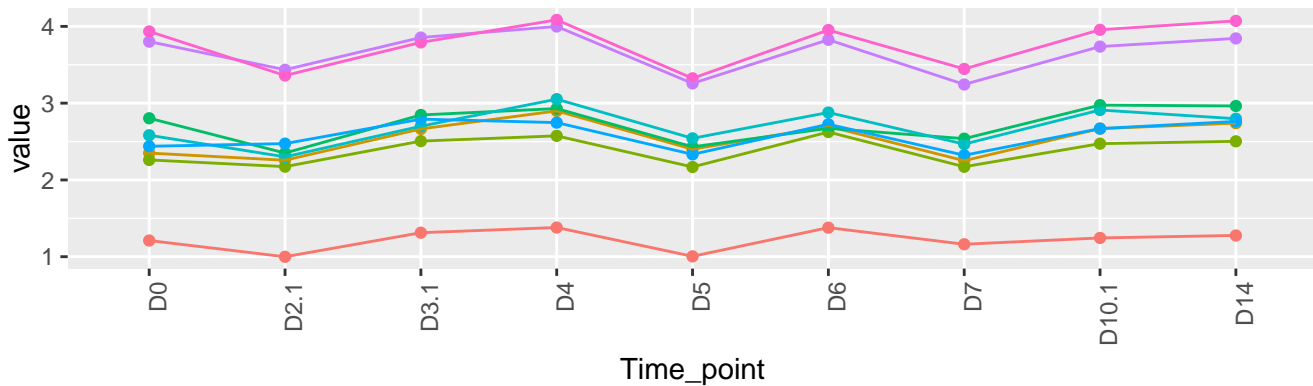
8 genes – WT-cluster-16-original



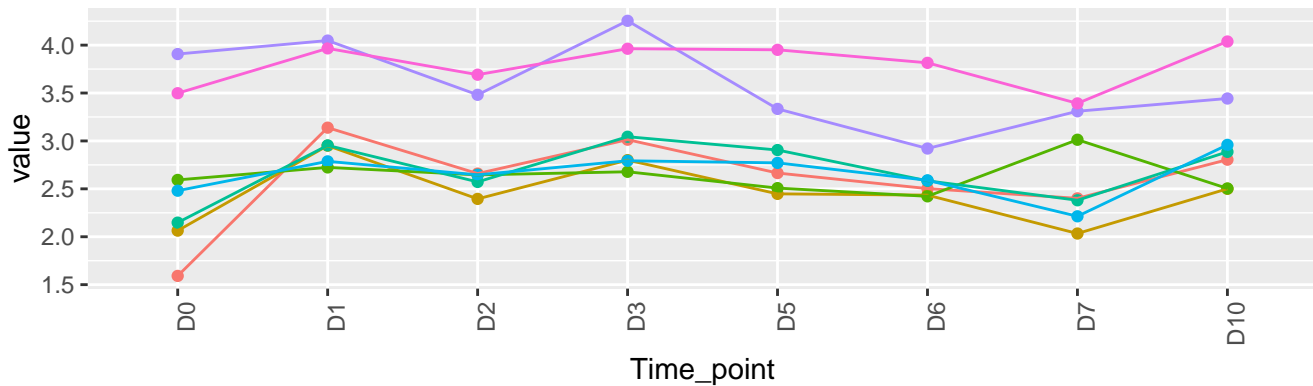
8 genes – KO-cluster-16-original



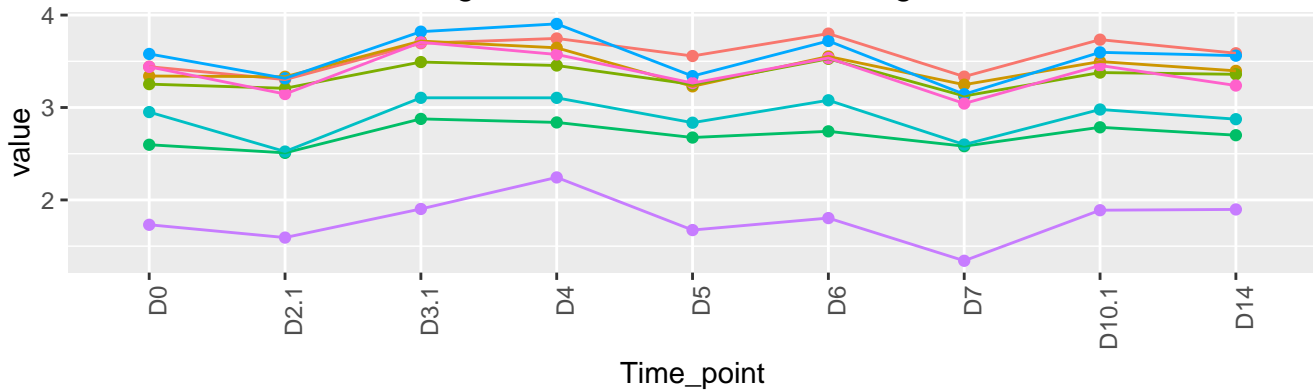
8 genes – WT-cluster-15-original



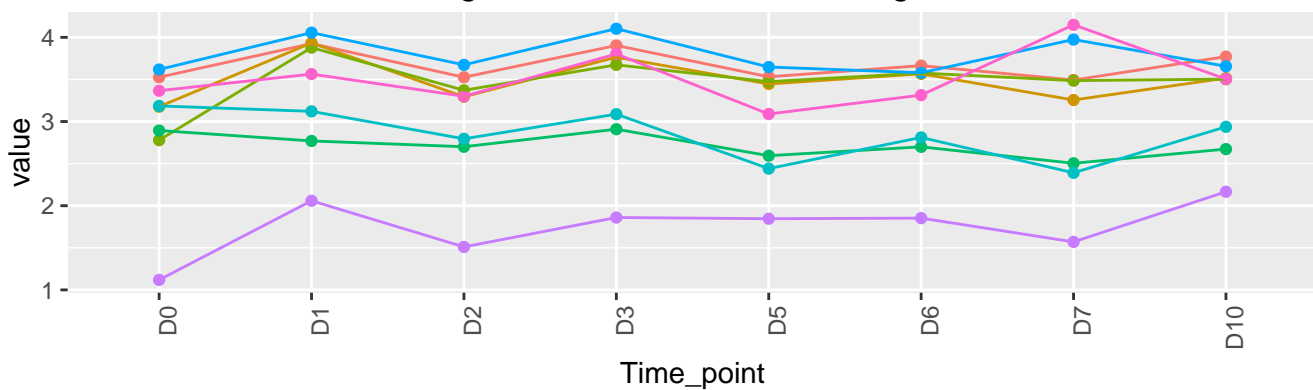
7 genes – KO-cluster-15-original



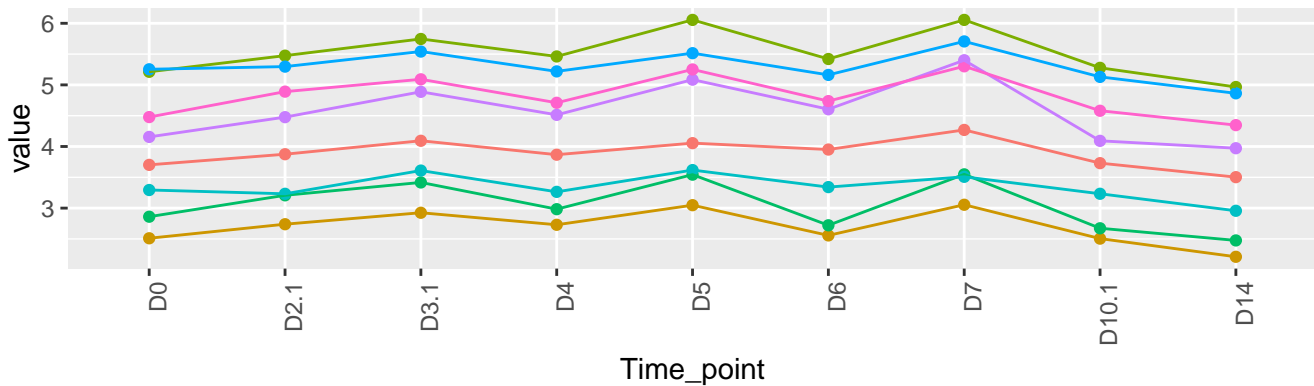
8 genes – WT-cluster-14-original



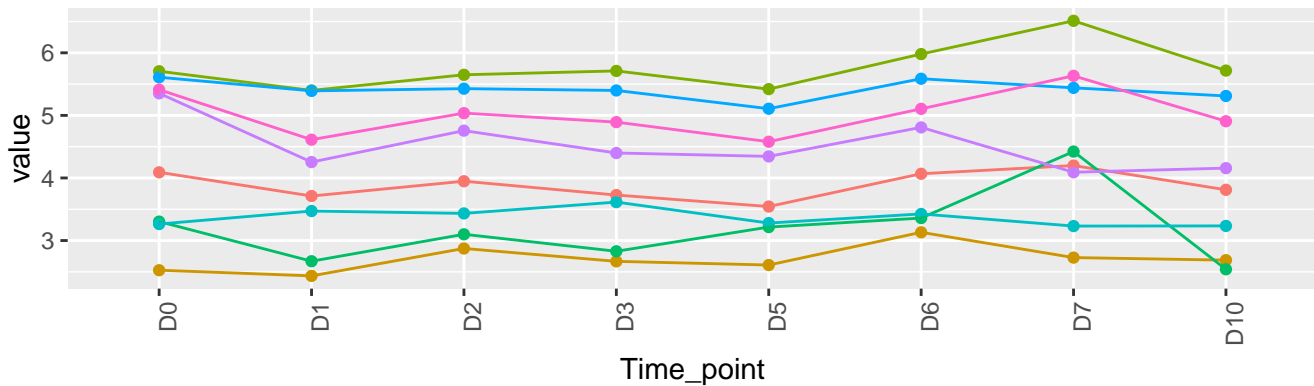
8 genes – KO-cluster-14-original



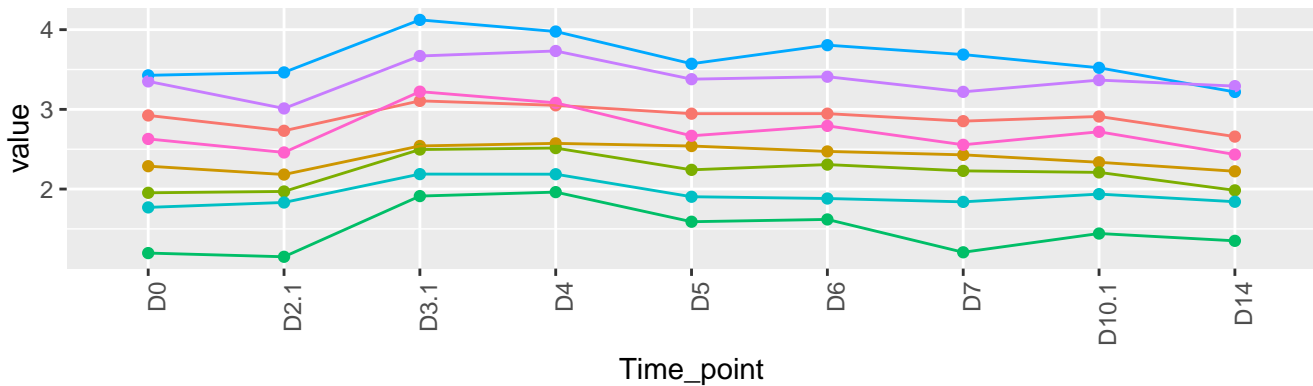
8 genes – WT-cluster-13-original



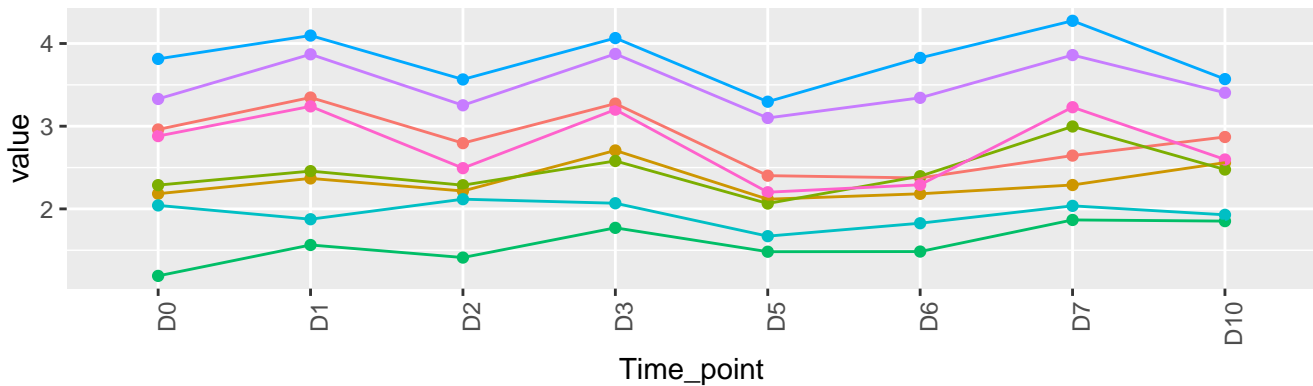
8 genes – KO-cluster-13-original



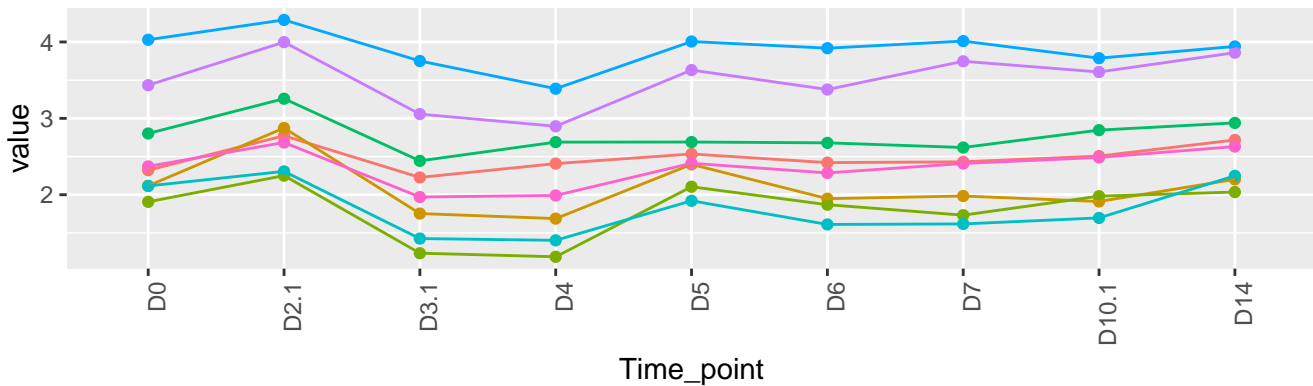
8 genes – WT-cluster-12-original



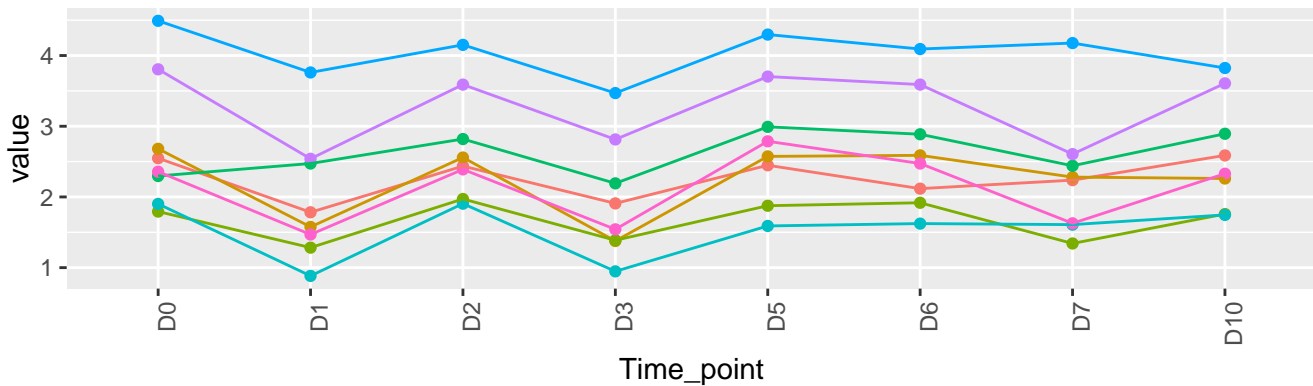
8 genes – KO-cluster-12-original



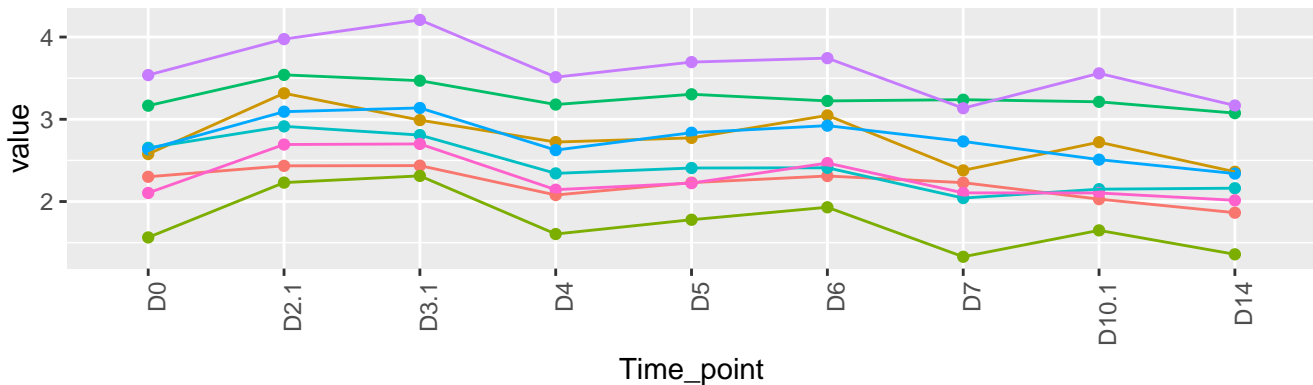
8 genes – WT-cluster-11-original



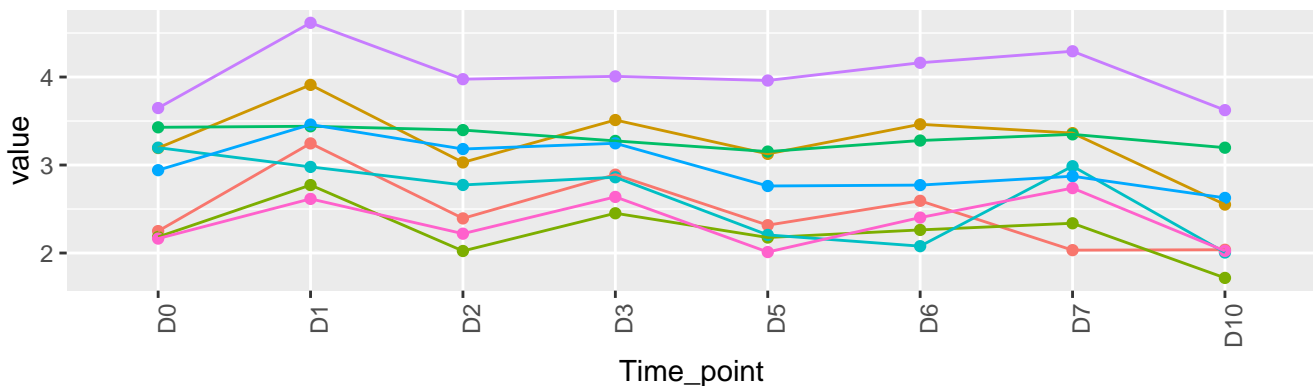
8 genes – KO-cluster-11-original



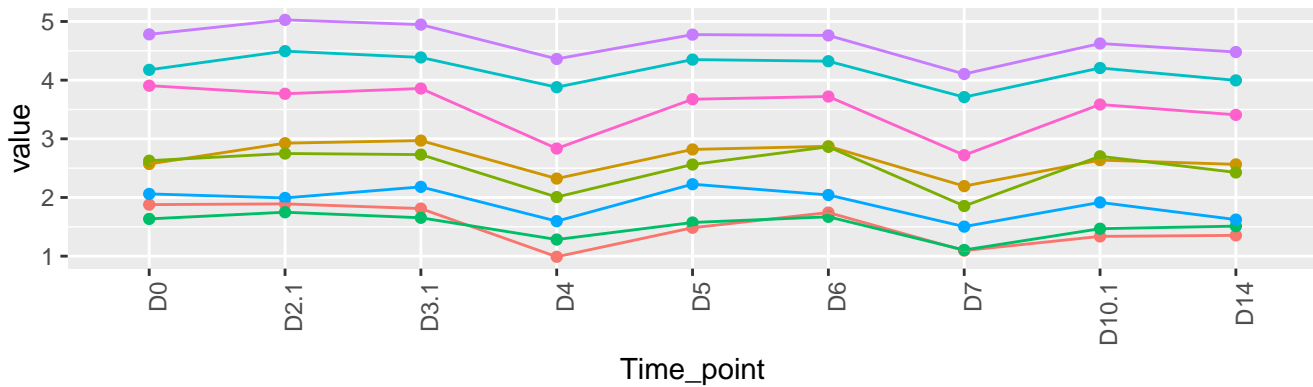
8 genes – WT-cluster-10-original



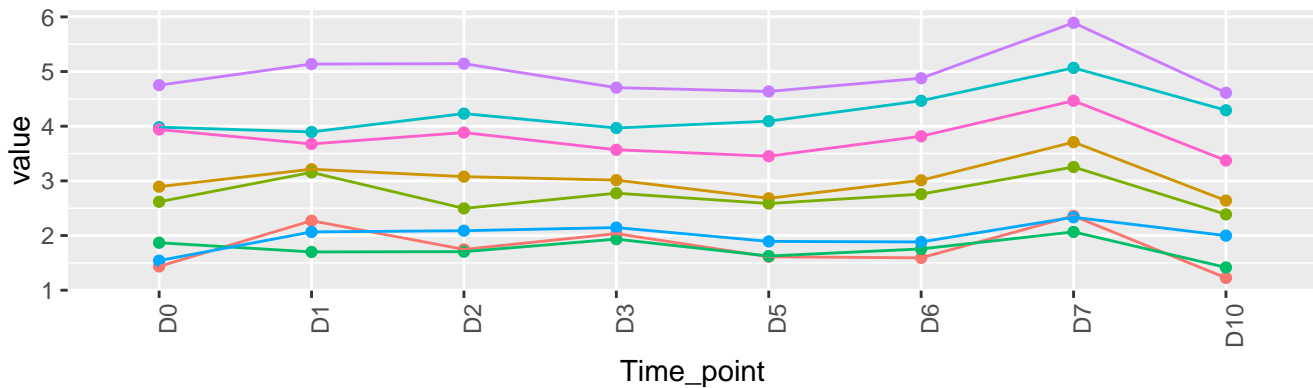
8 genes – KO-cluster-10-original



8 genes – WT-cluster-9-original

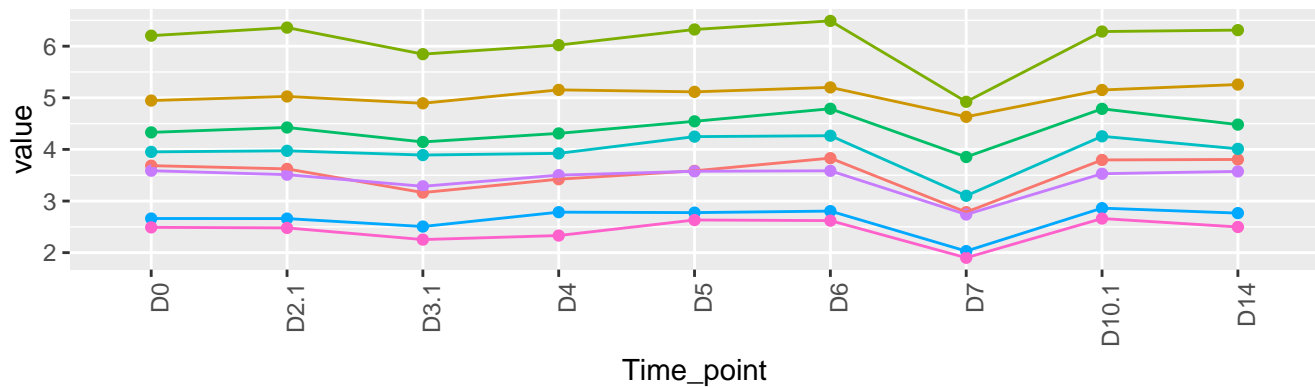


8 genes – KO-cluster-9-original

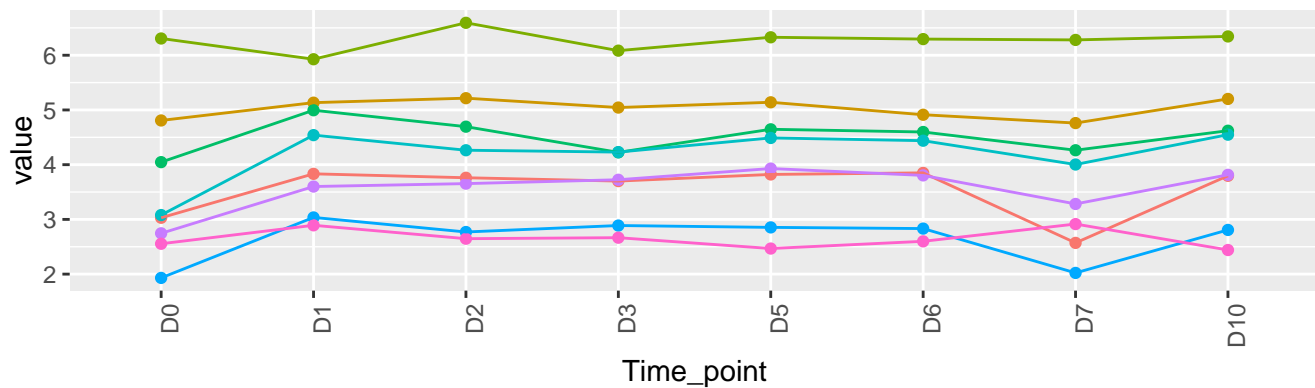




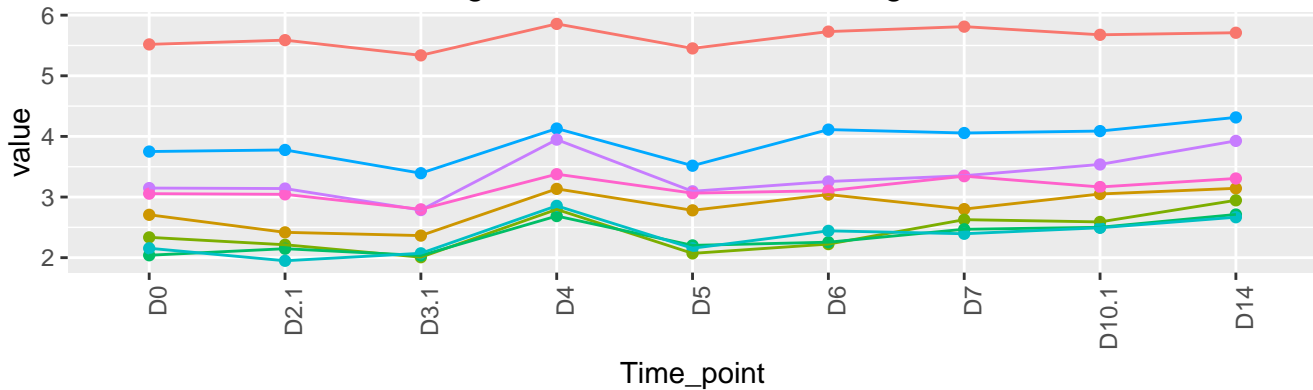
8 genes – WT-cluster-8-original



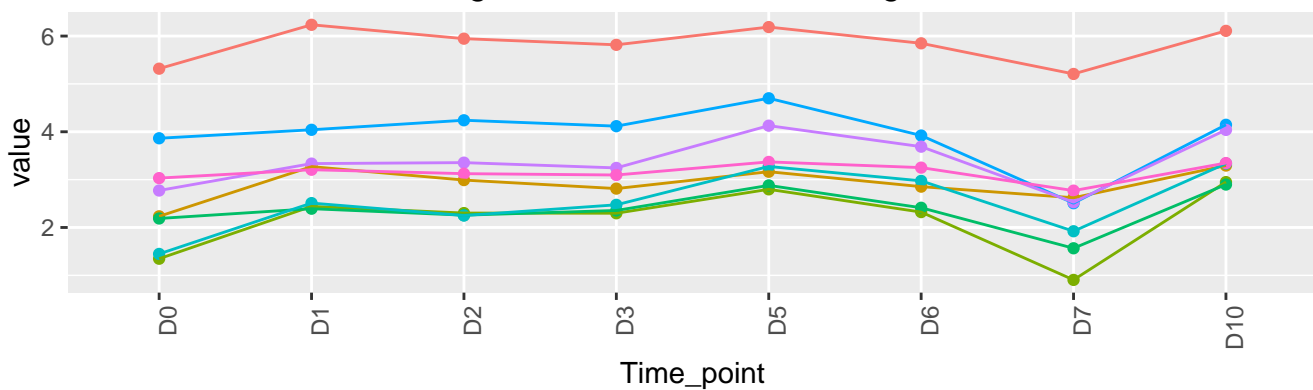
8 genes – KO-cluster-8-original



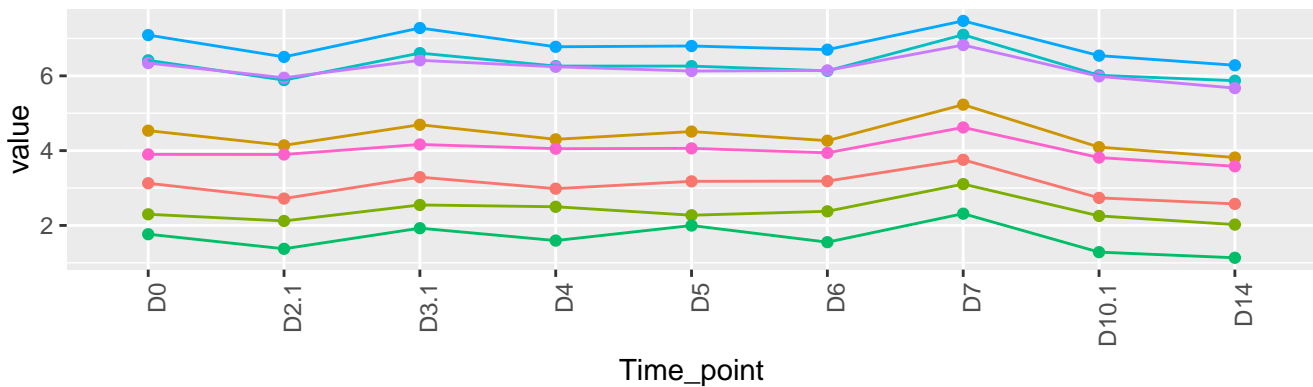
8 genes – WT-cluster-7-original



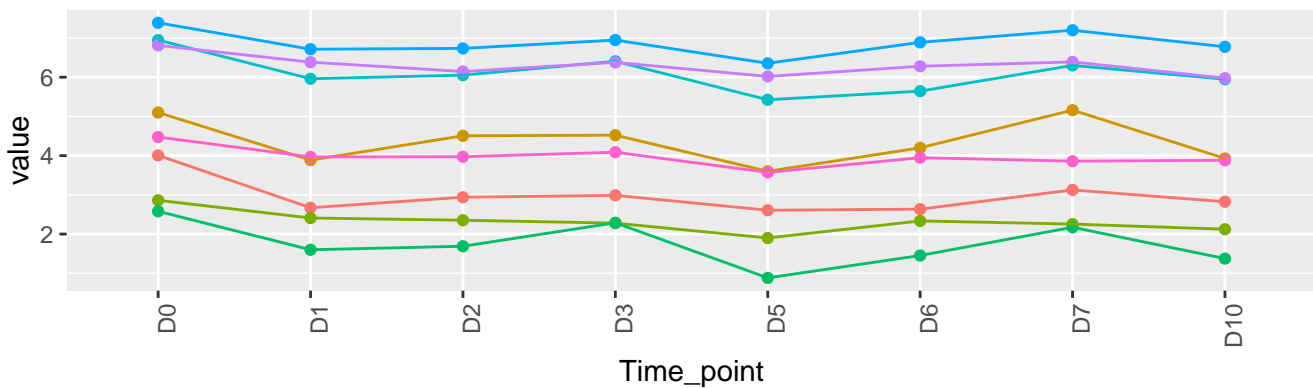
8 genes – KO-cluster-7-original



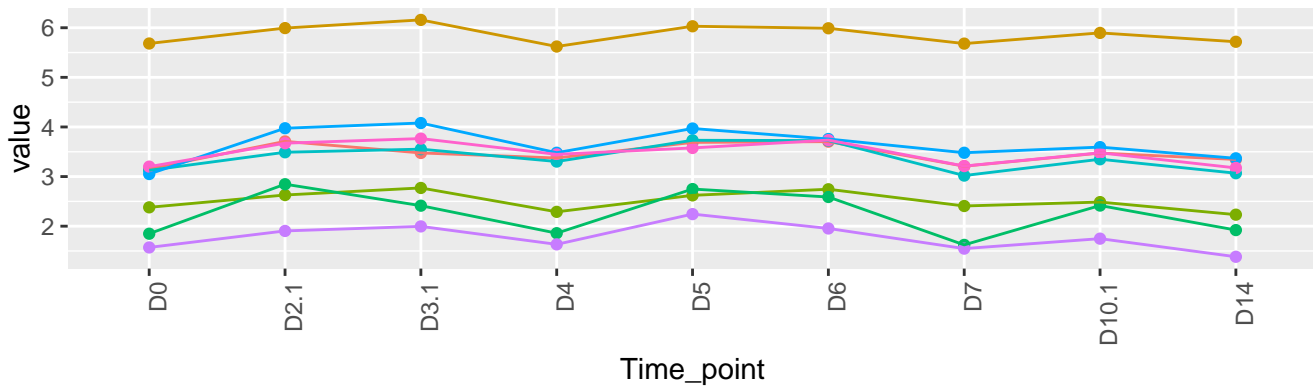
8 genes – WT-cluster-6-original



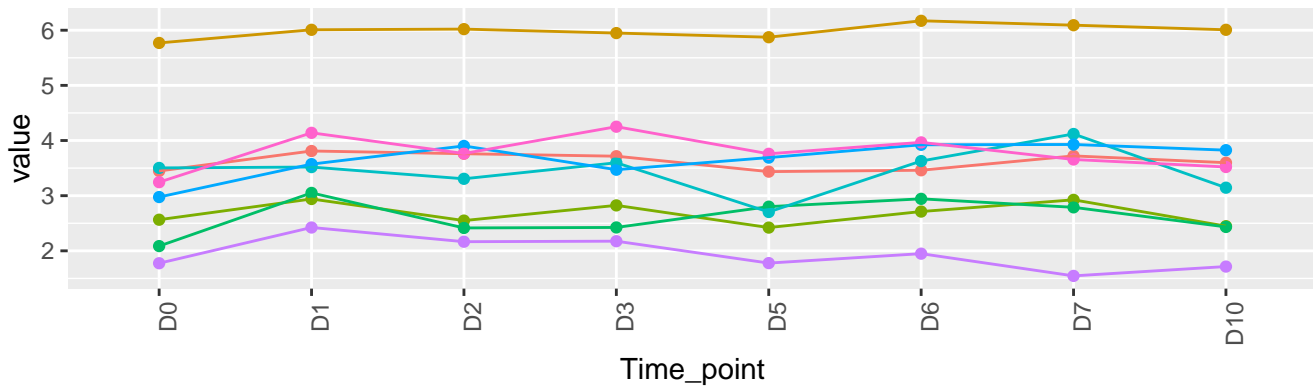
8 genes – KO-cluster-6-original



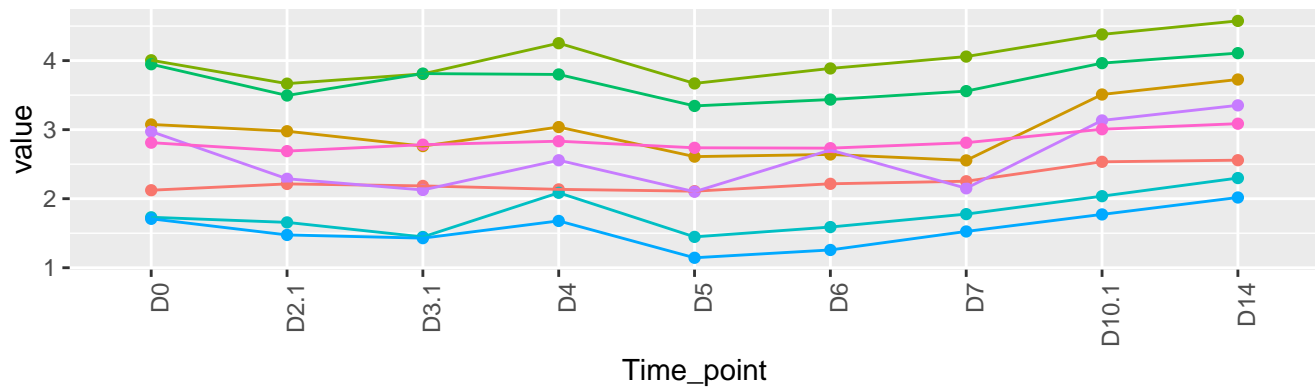
8 genes – WT-cluster-5-original



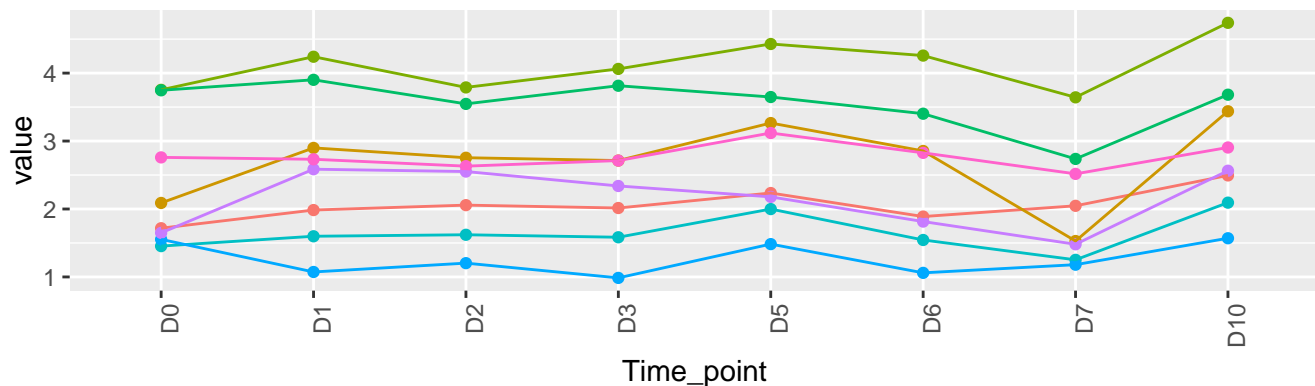
8 genes – KO-cluster-5-original



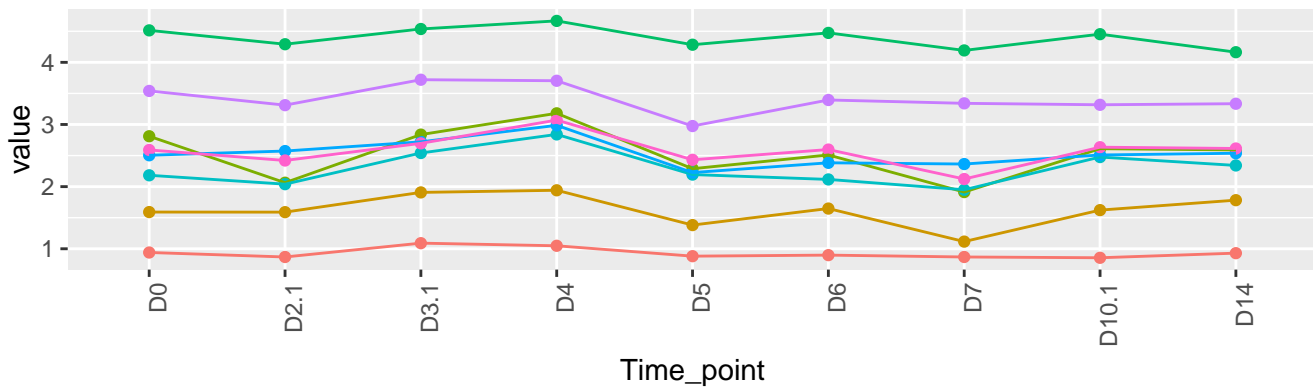
8 genes – WT-cluster-4-original



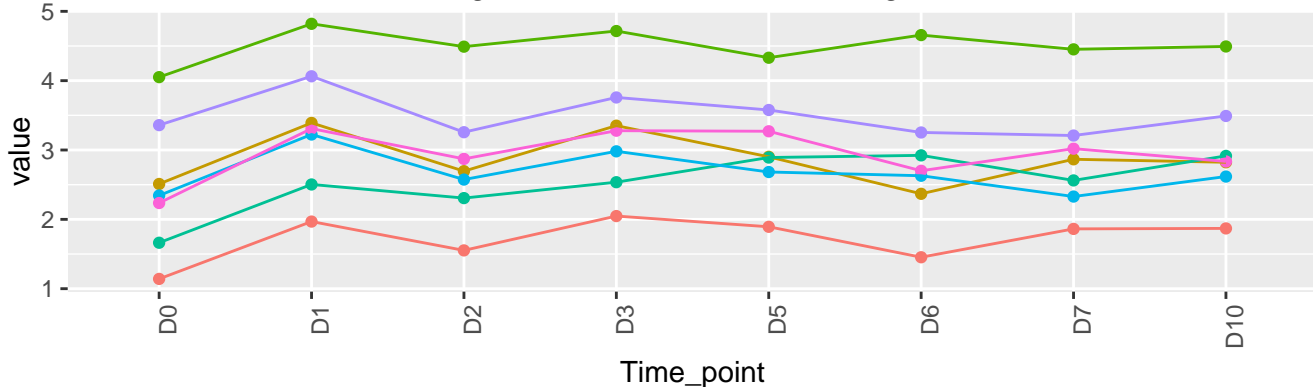
8 genes – KO-cluster-4-original



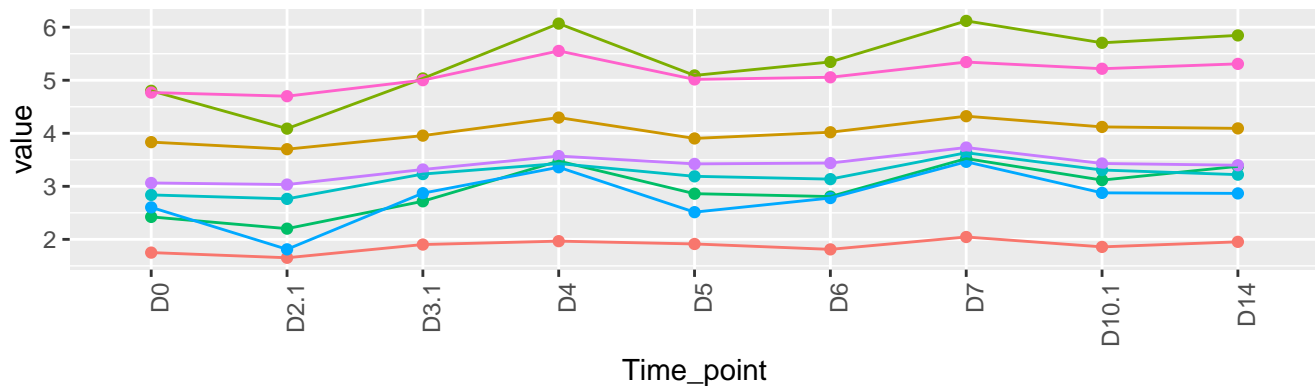
8 genes – WT-cluster-3-original



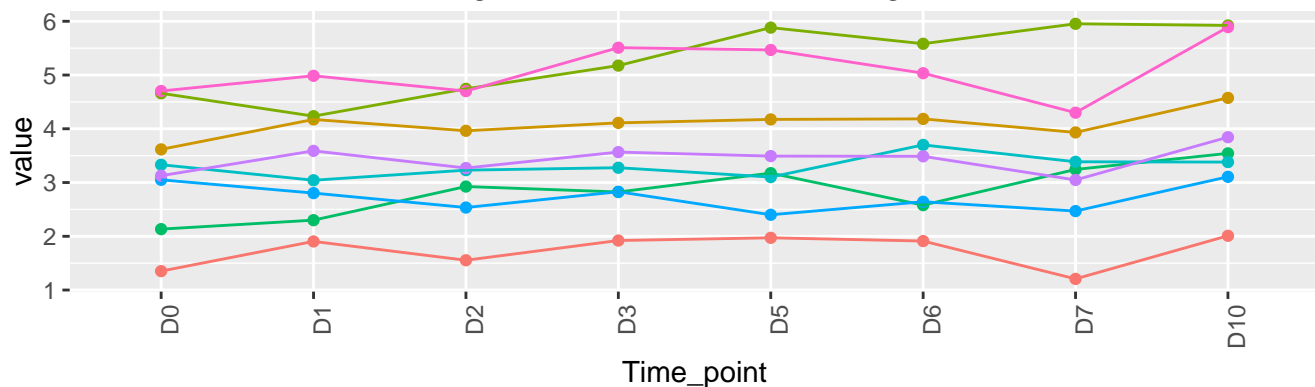
7 genes – KO-cluster-3-original



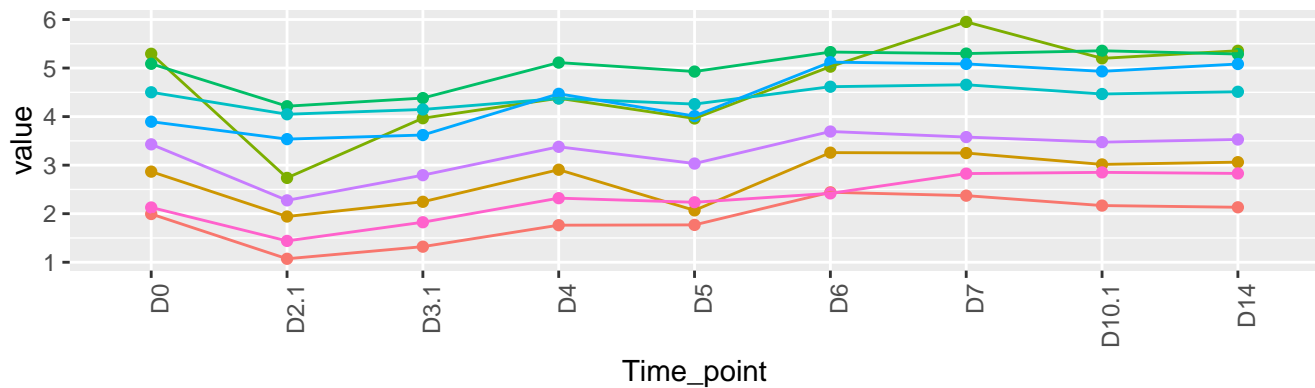
8 genes – WT-cluster-2-original



8 genes – KO-cluster-2-original



8 genes – WT-cluster-1-original



7 genes – KO-cluster-1-original

