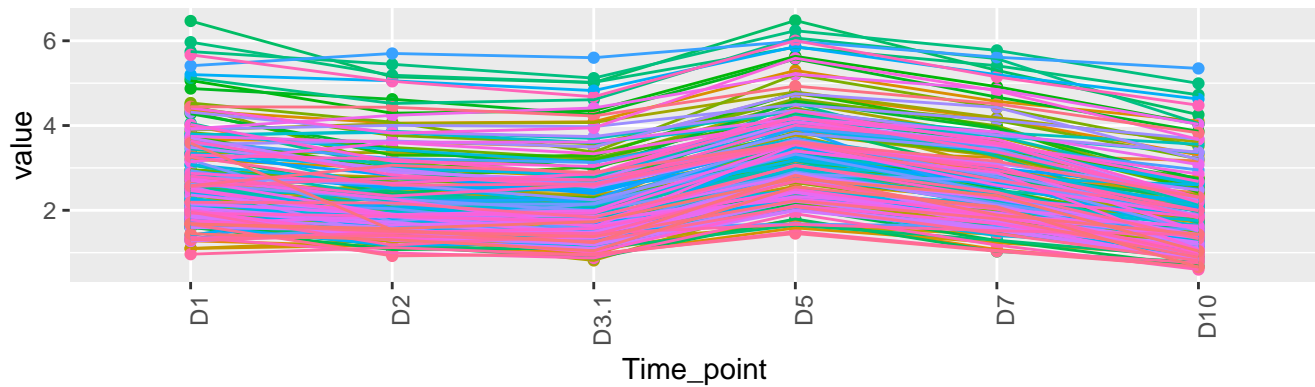
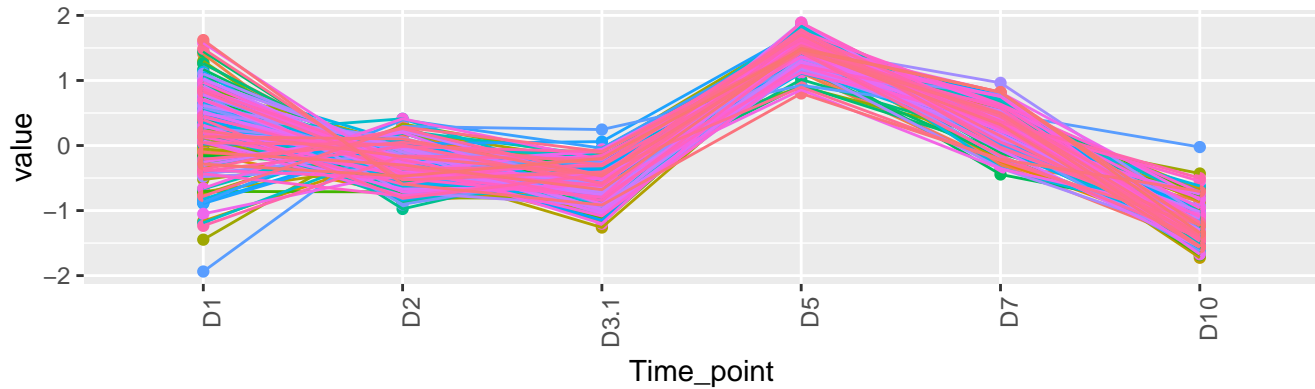


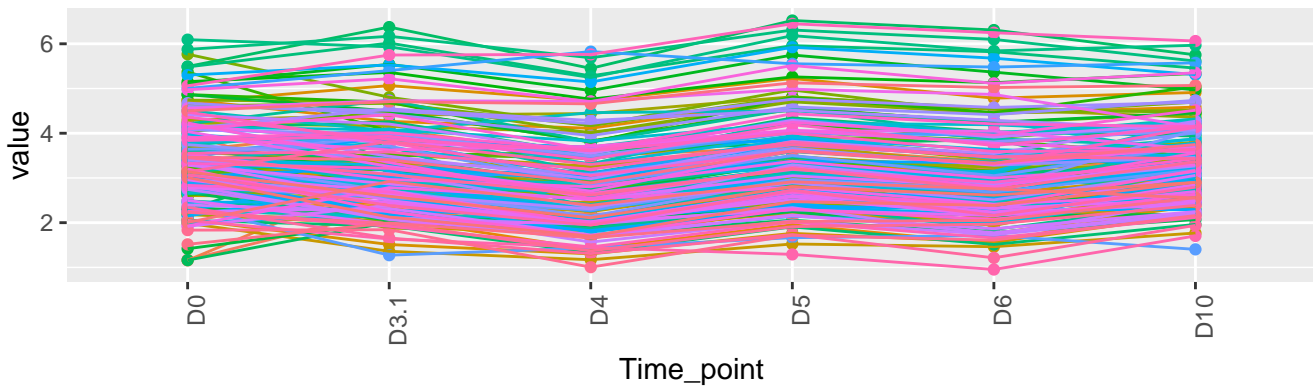
169 genes – WT-cluster-300-original



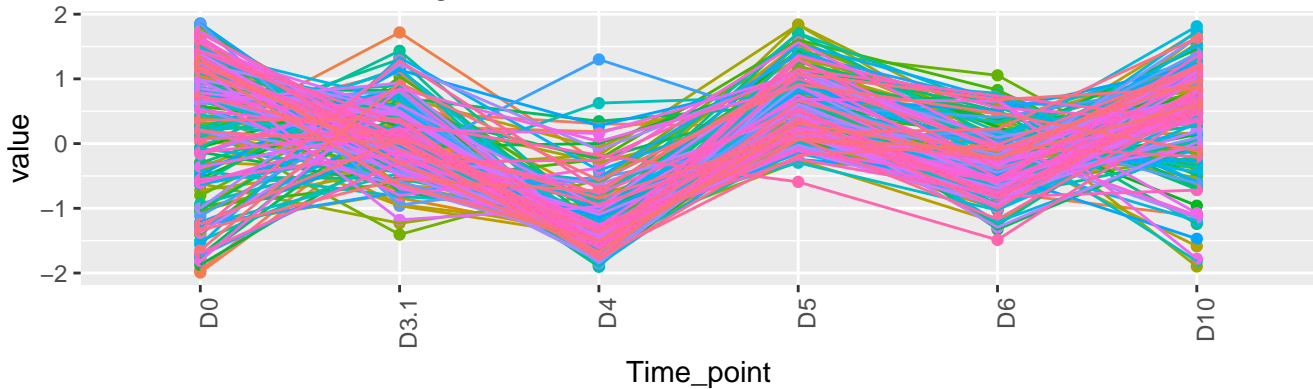
169 genes – WT-cluster-300-standardized



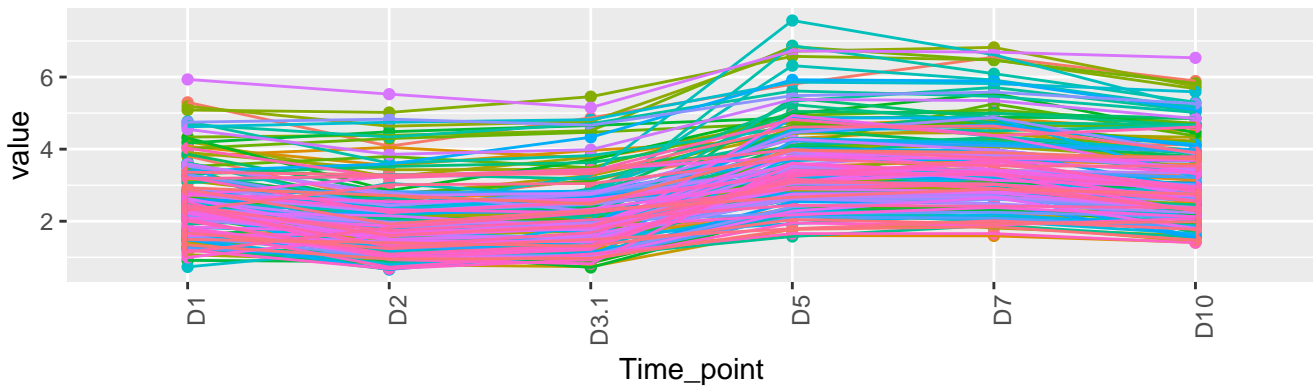
169 genes – KO-cluster-300-original



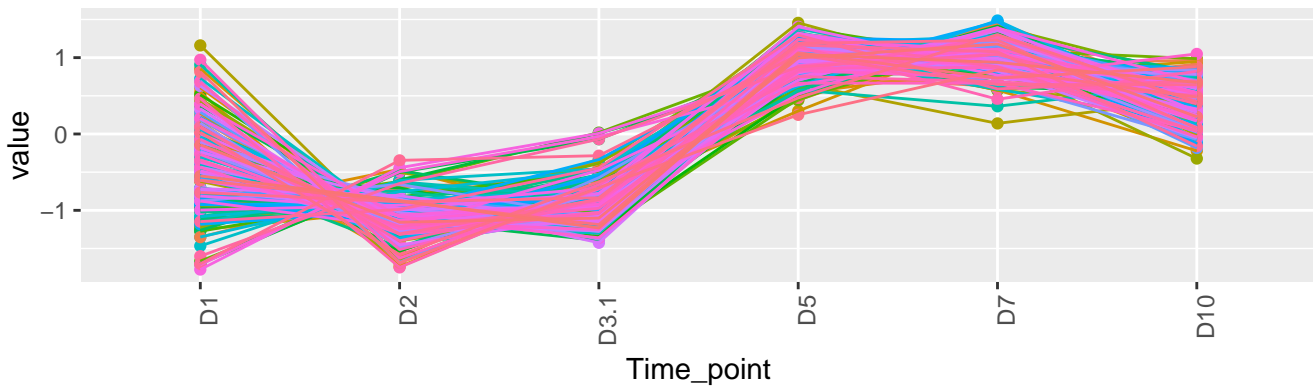
169 genes – KO-cluster-300-standardized



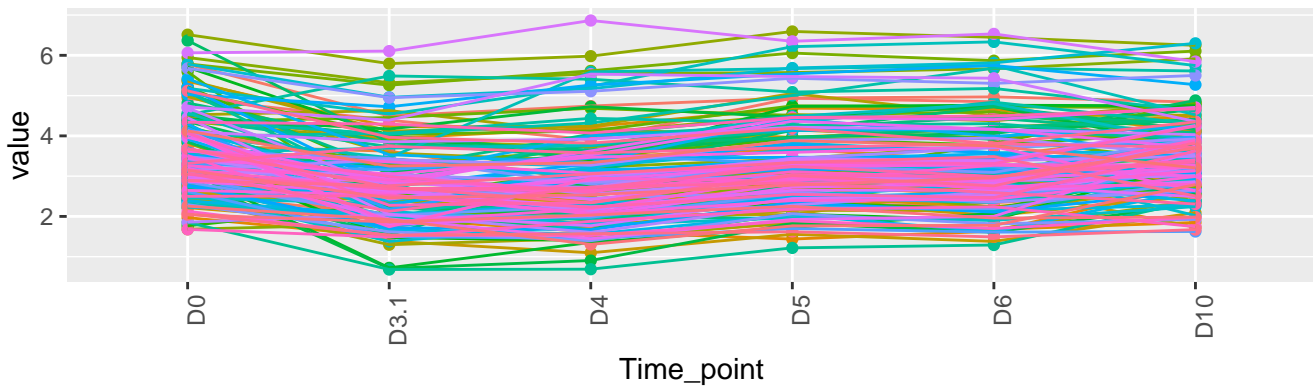
150 genes – WT-cluster-299-original



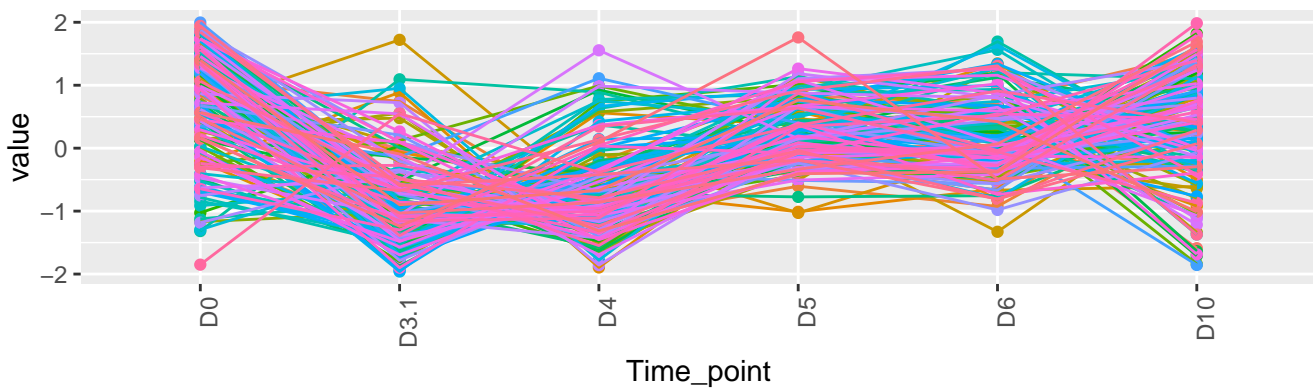
150 genes – WT-cluster-299-standardized



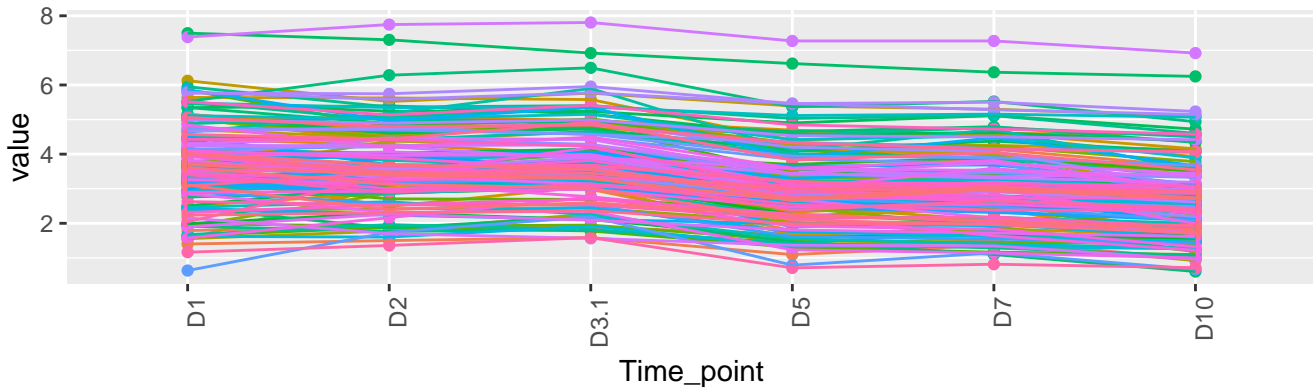
150 genes – KO-cluster-299-original



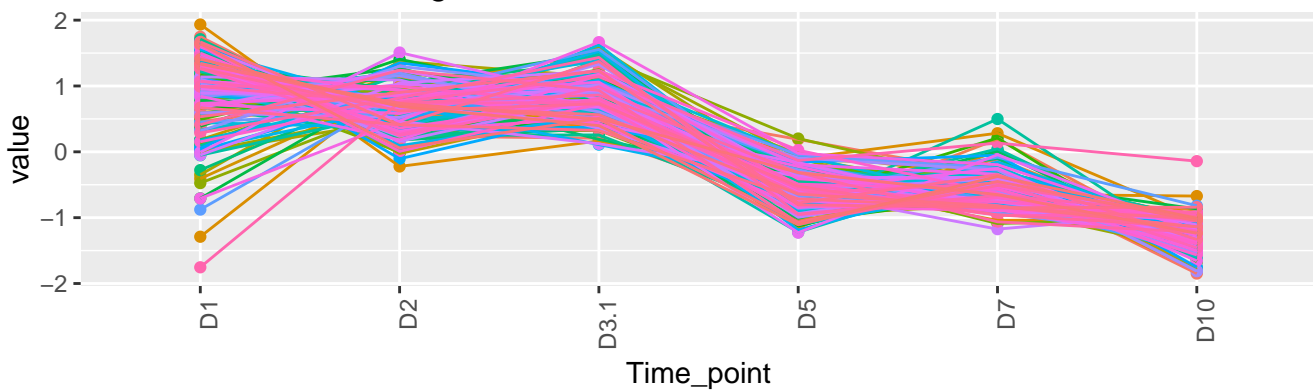
150 genes – KO-cluster-299-standardized



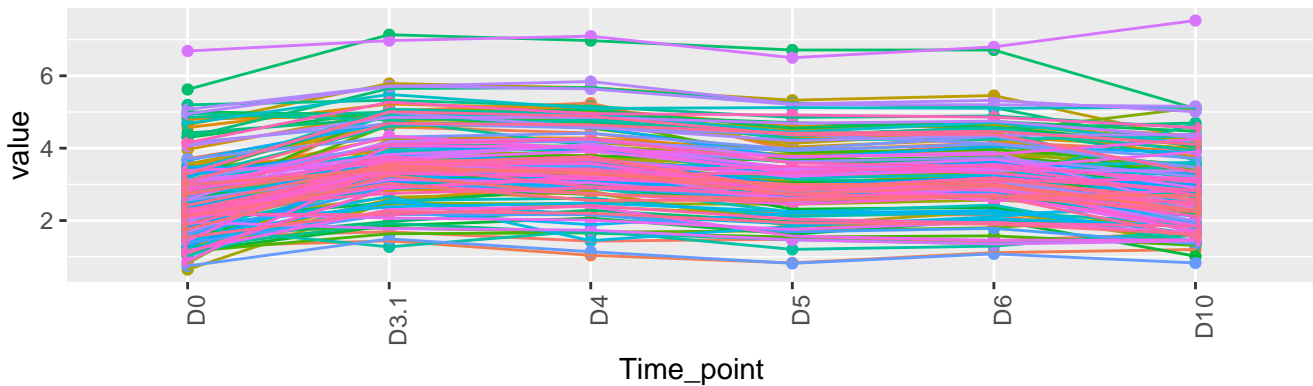
149 genes – WT-cluster-298-original



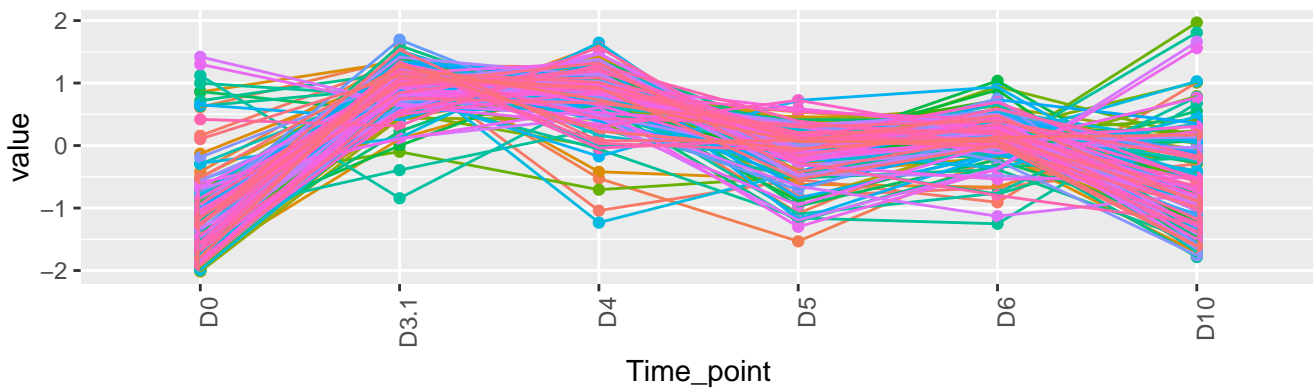
149 genes – WT-cluster-298-standardized



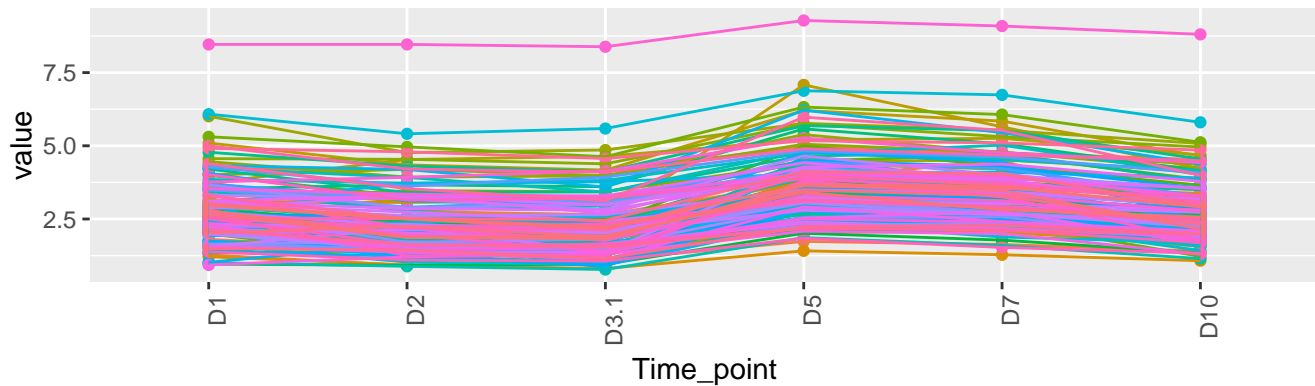
148 genes – KO-cluster-298-original



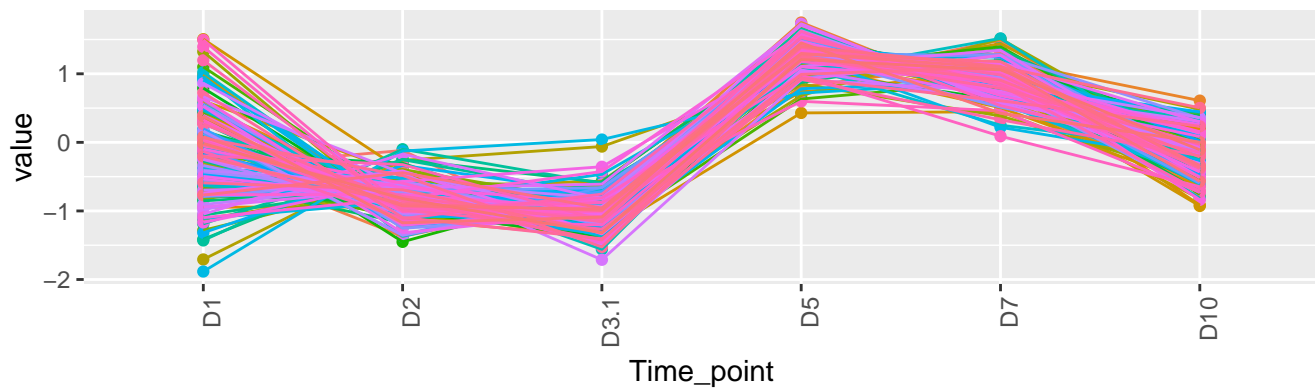
148 genes – KO-cluster-298-standardized



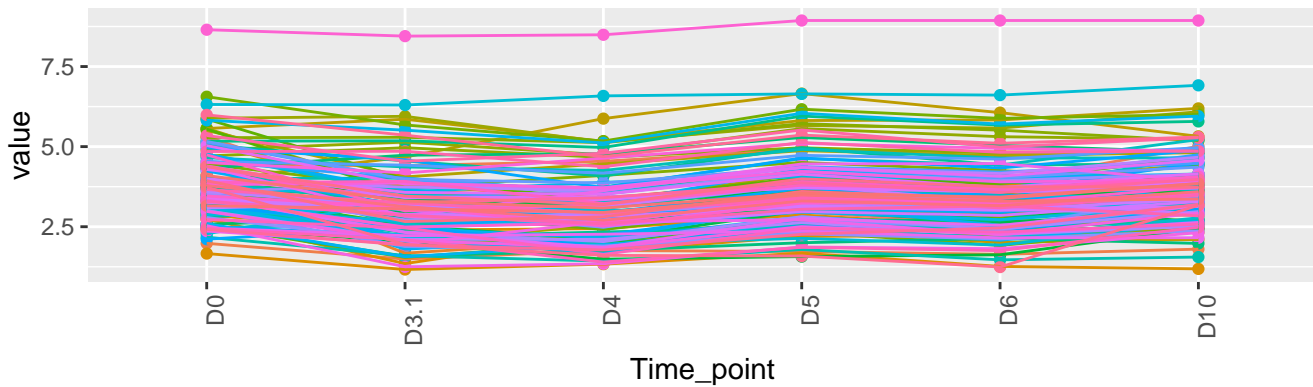
148 genes – WT-cluster-297-original



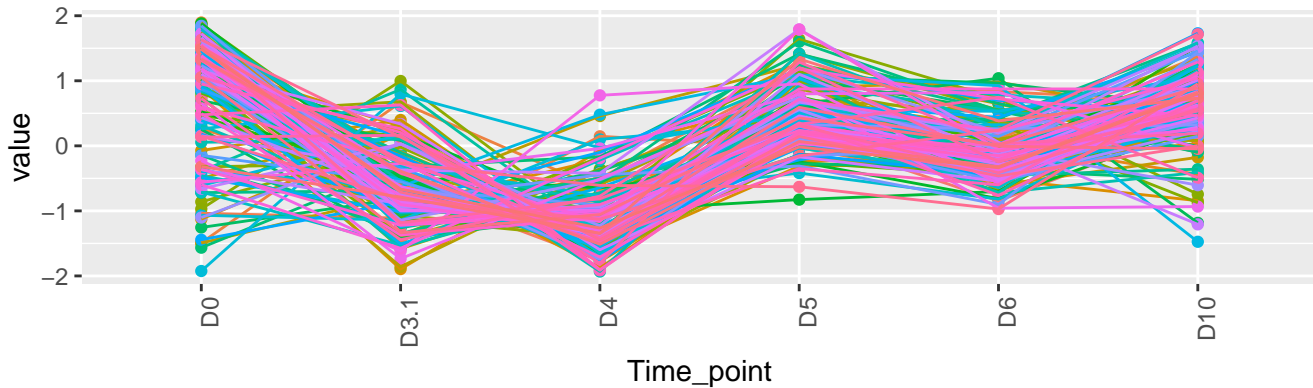
148 genes – WT-cluster-297-standardized



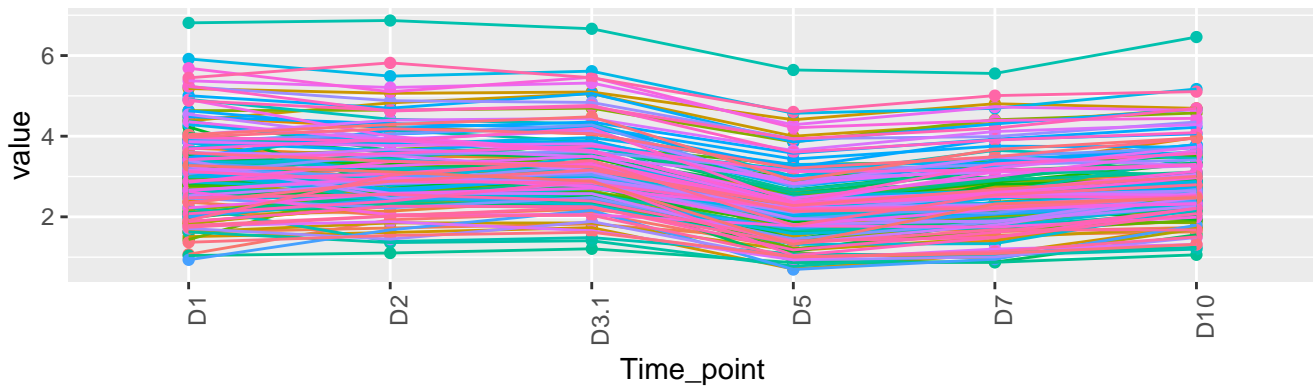
148 genes – KO-cluster-297-original



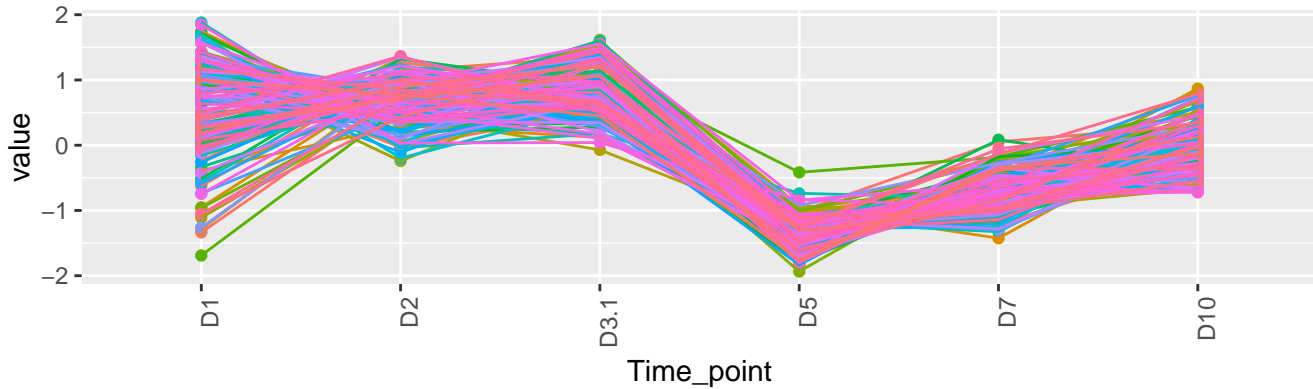
148 genes – KO-cluster-297-standardized



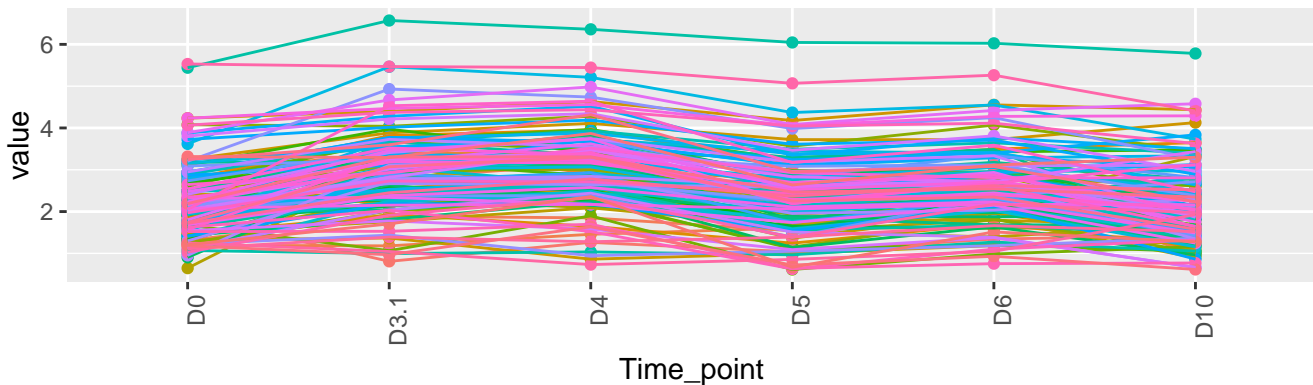
142 genes – WT-cluster-296-original



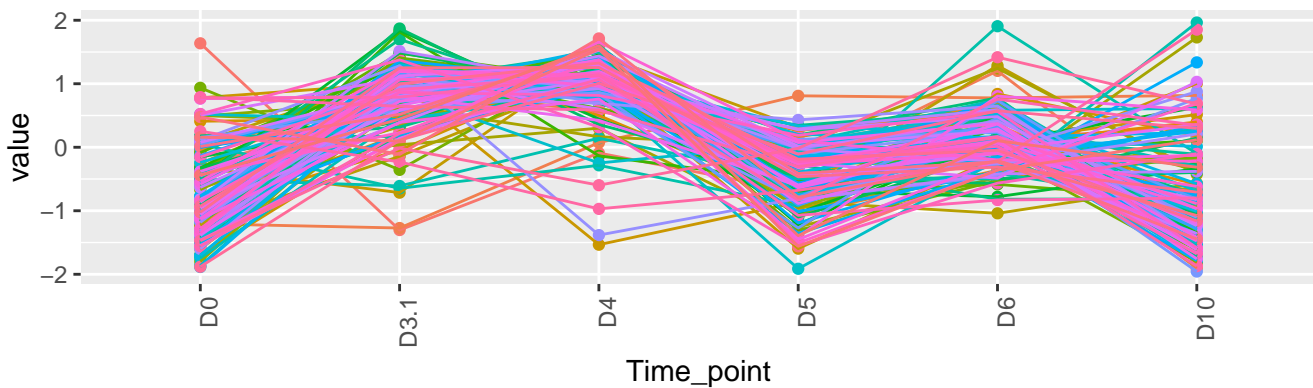
142 genes – WT-cluster-296-standardized



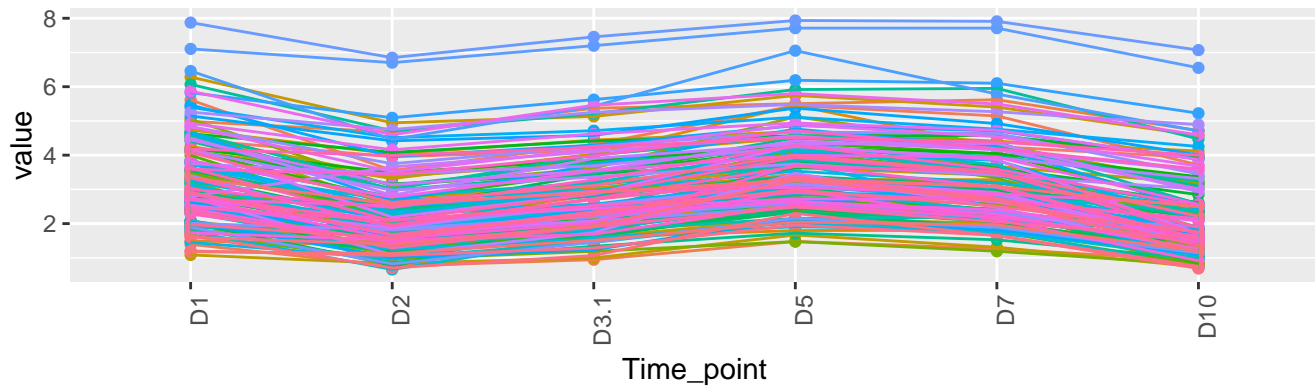
137 genes – KO-cluster-296-original



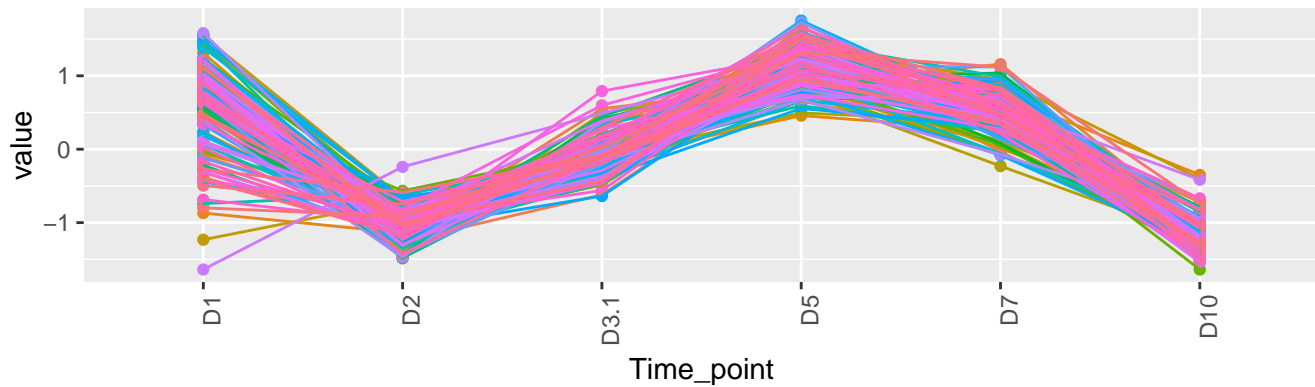
137 genes – KO-cluster-296-standardized



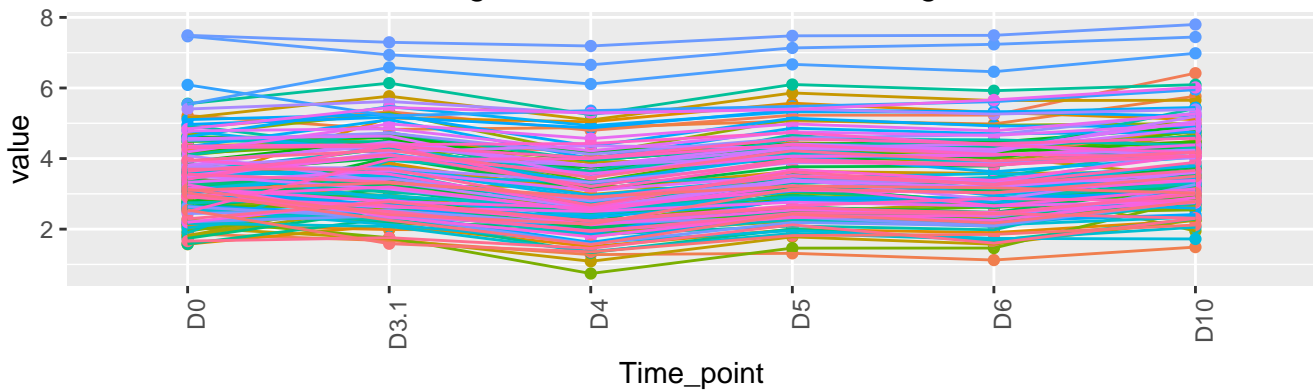
131 genes – WT-cluster-295-original



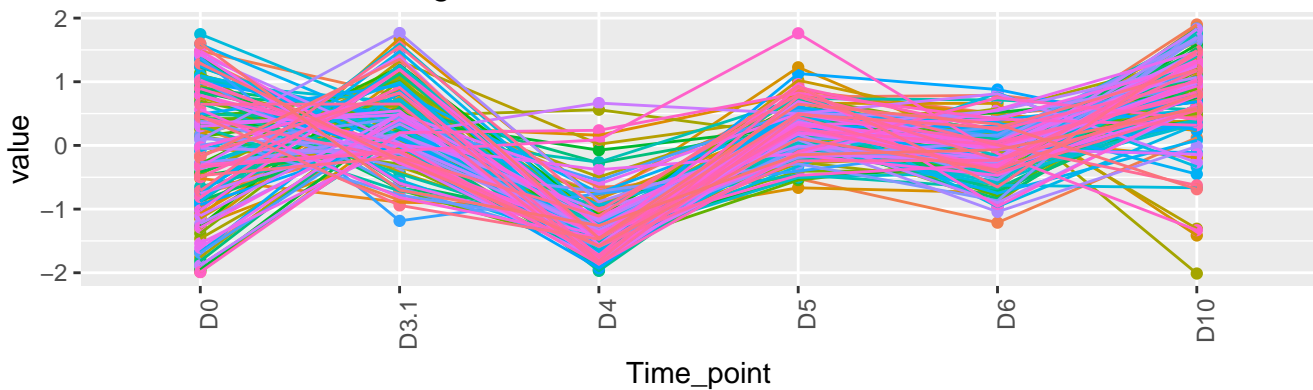
131 genes – WT-cluster-295-standardized



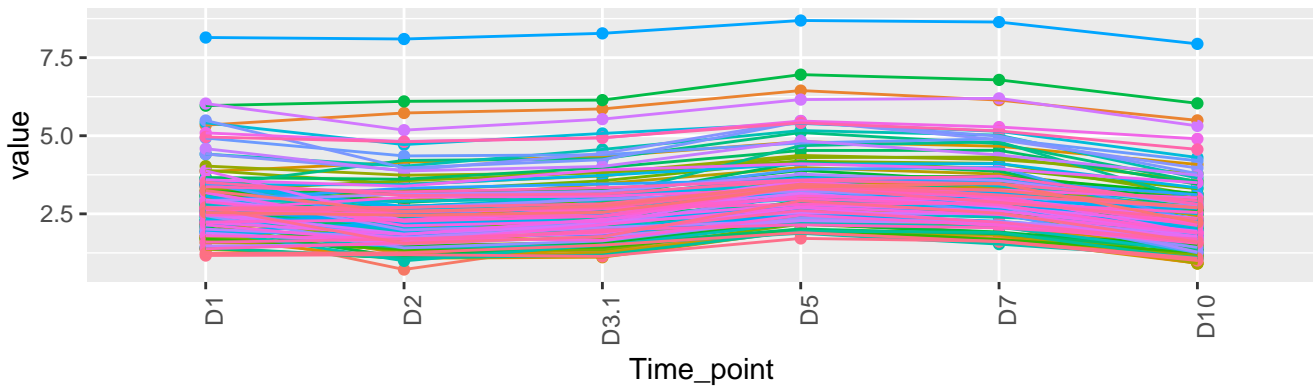
131 genes – KO-cluster-295-original



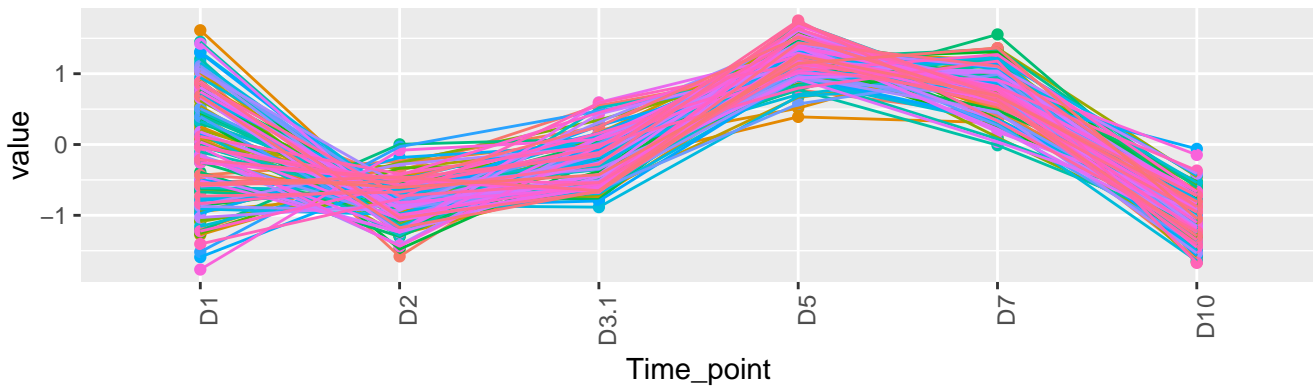
131 genes – KO-cluster-295-standardized



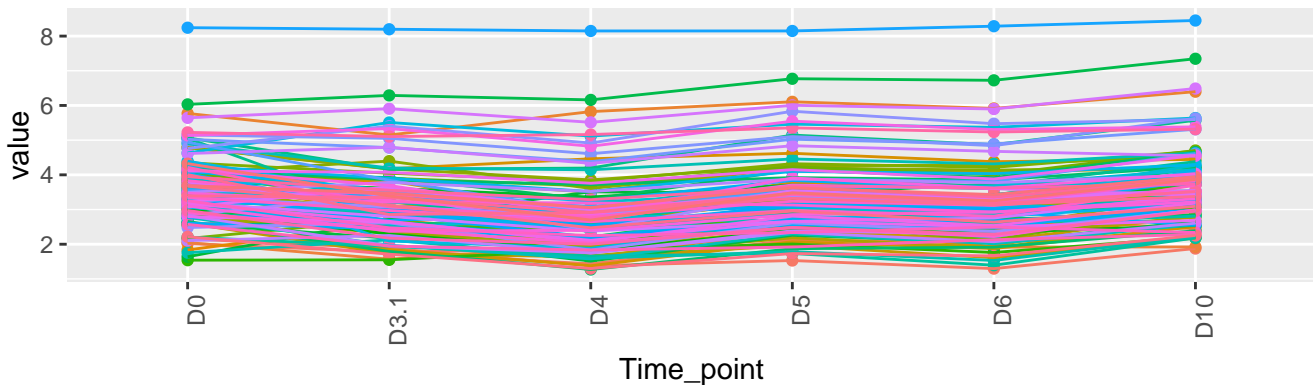
119 genes – WT-cluster-294-original



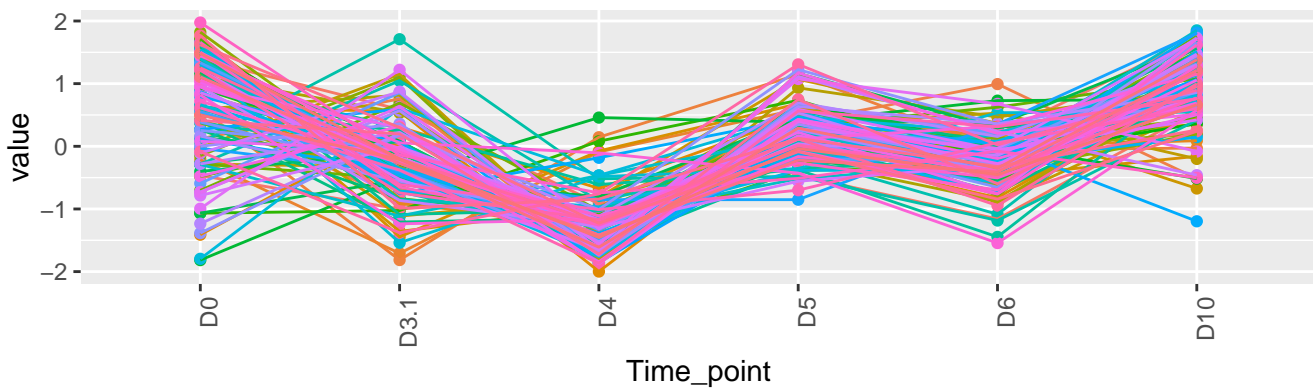
119 genes – WT-cluster-294-standardized



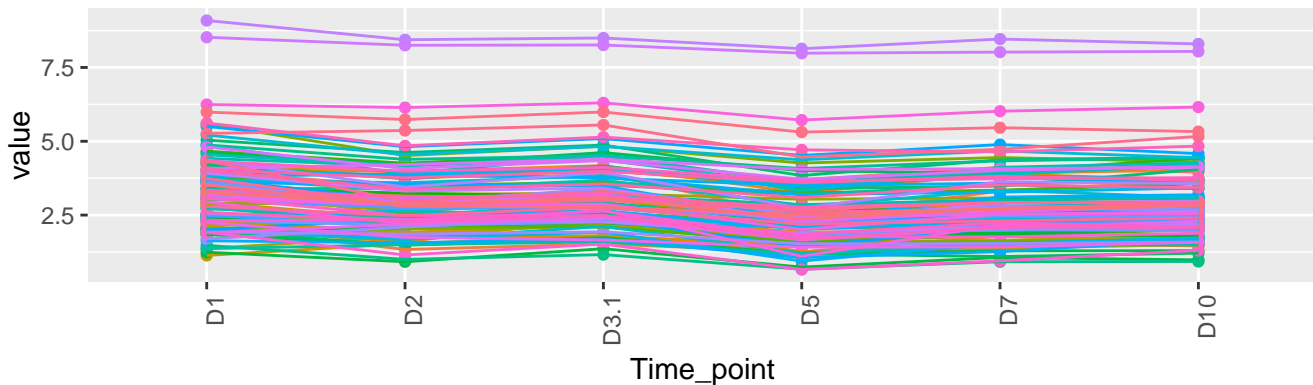
118 genes – KO-cluster-294-original



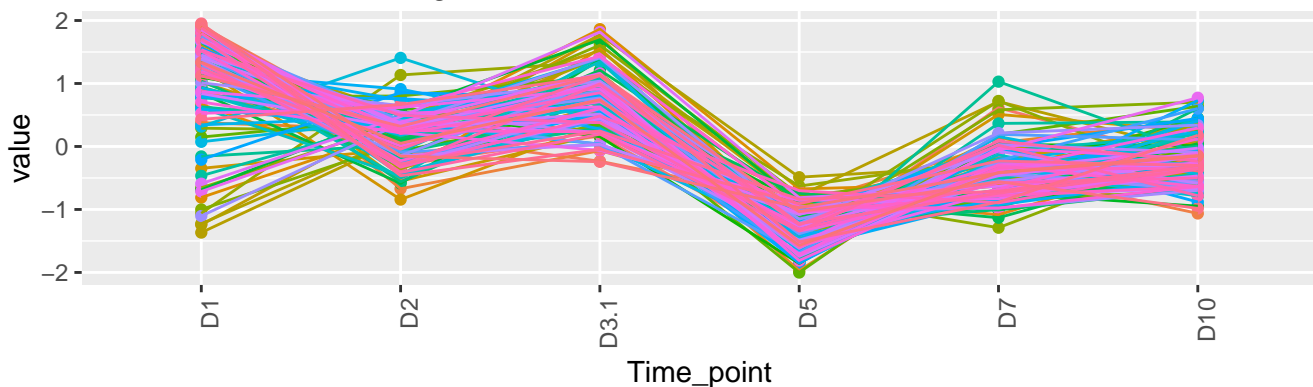
118 genes – KO-cluster-294-standardized



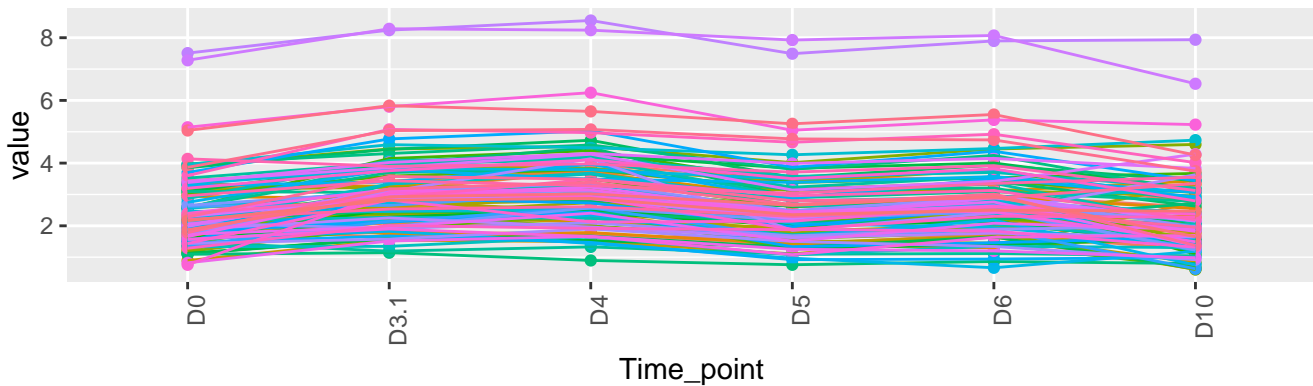
112 genes – WT-cluster-293-original



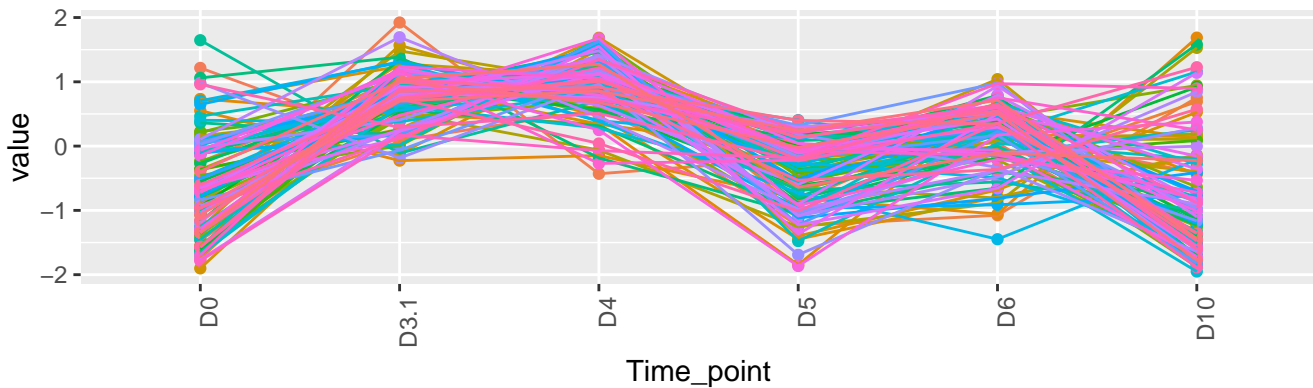
112 genes – WT-cluster-293-standardized



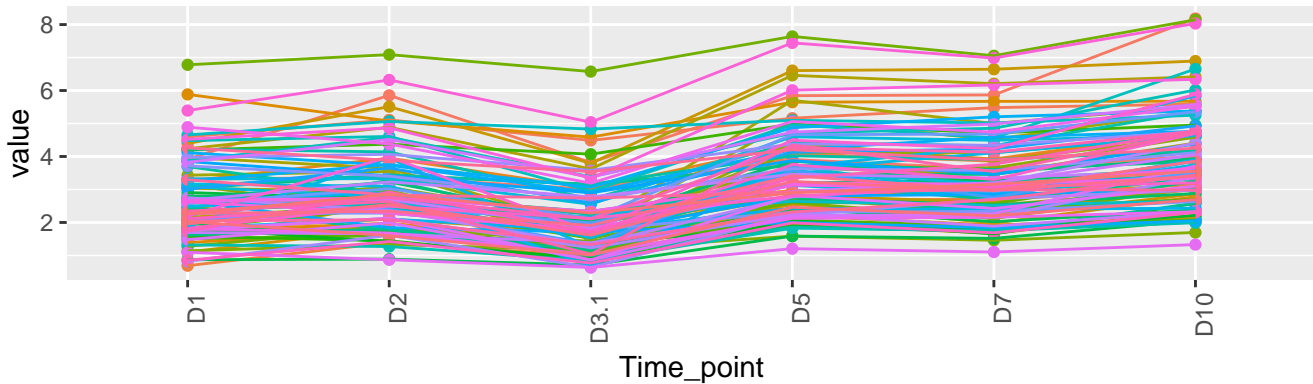
108 genes – KO-cluster-293-original



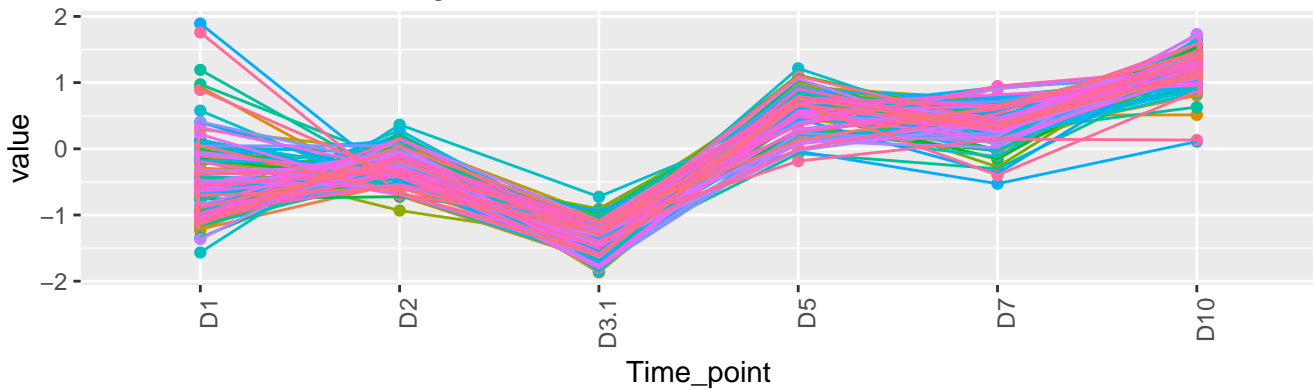
108 genes – KO-cluster-293-standardized



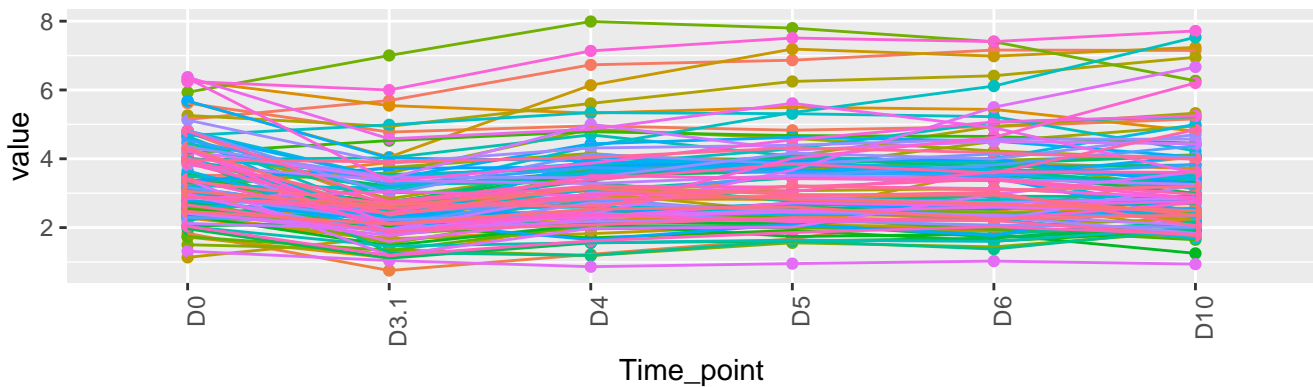
104 genes – WT-cluster-292-original



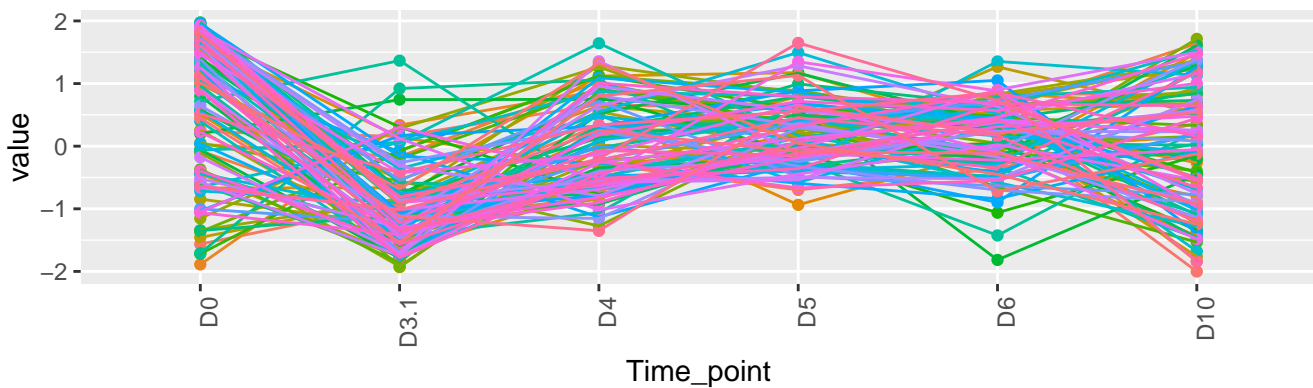
104 genes – WT-cluster-292-standardized



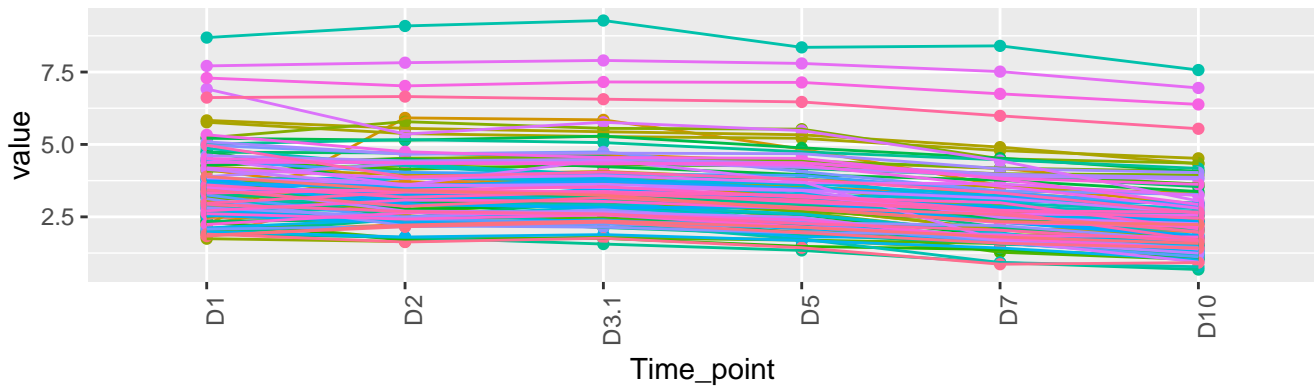
103 genes – KO-cluster-292-original



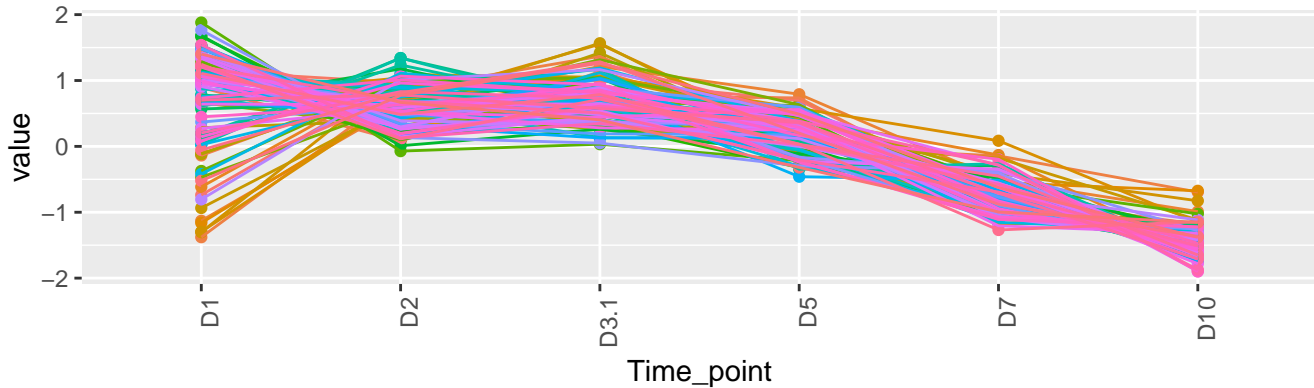
103 genes – KO-cluster-292-standardized



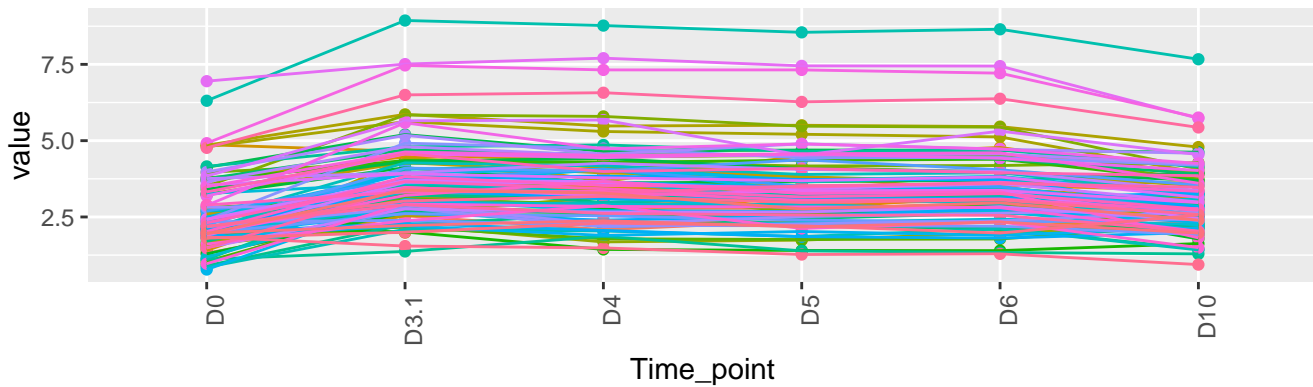
104 genes – WT-cluster-291-original



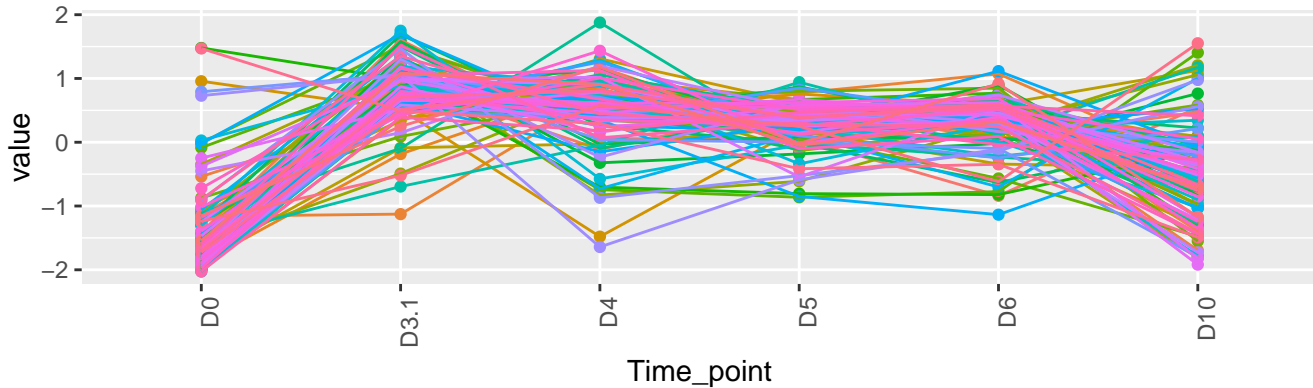
104 genes – WT-cluster-291-standardized



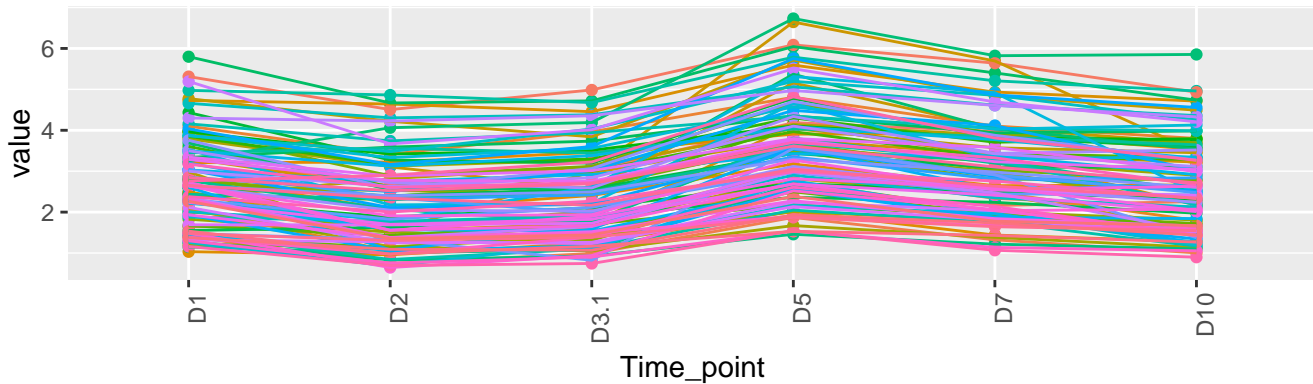
103 genes – KO-cluster-291-original



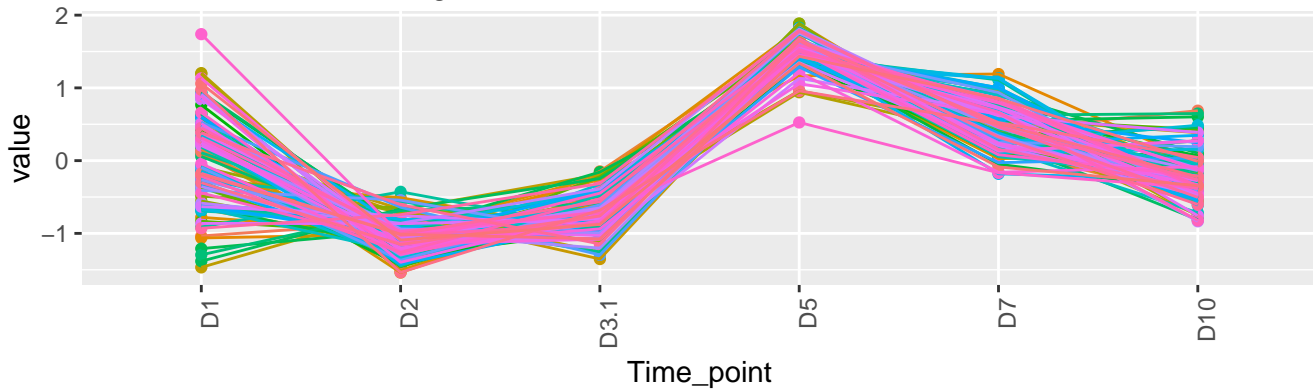
103 genes – KO-cluster-291-standardized



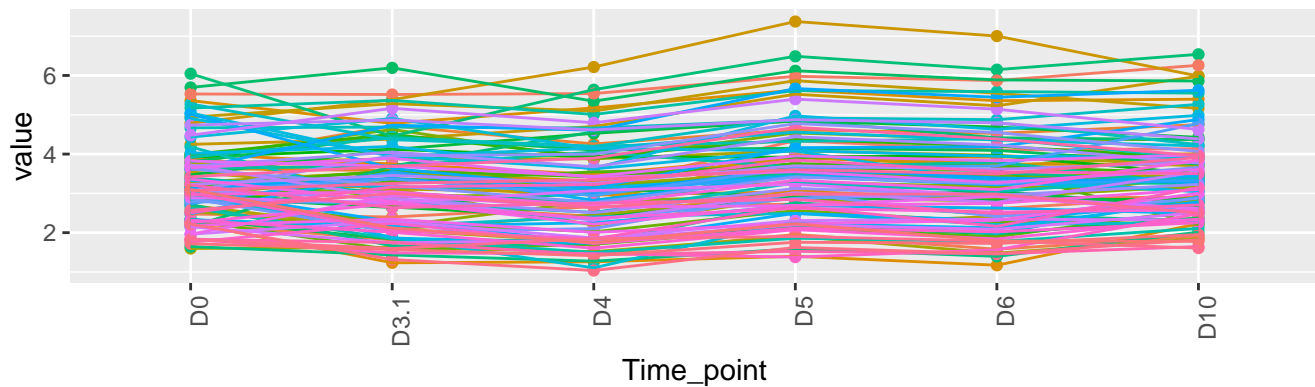
102 genes – WT-cluster-290-original



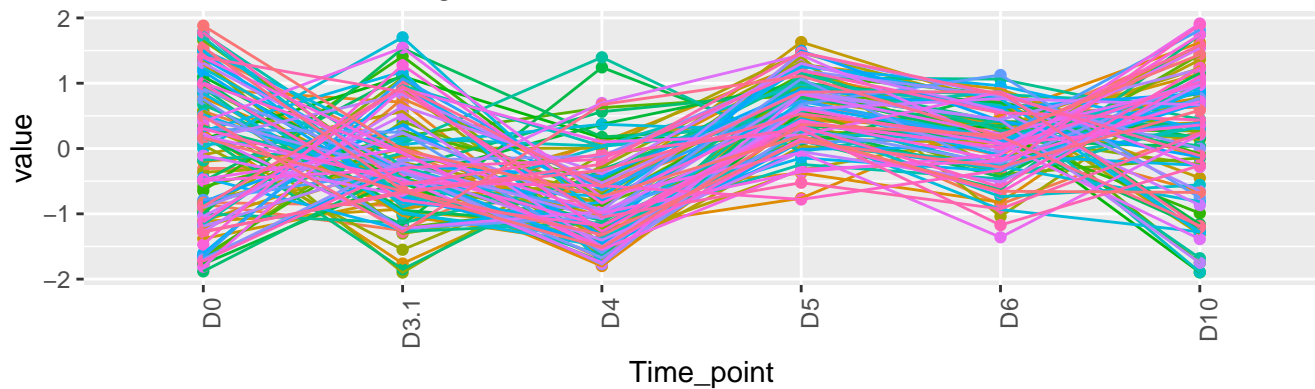
102 genes – WT-cluster-290-standardized



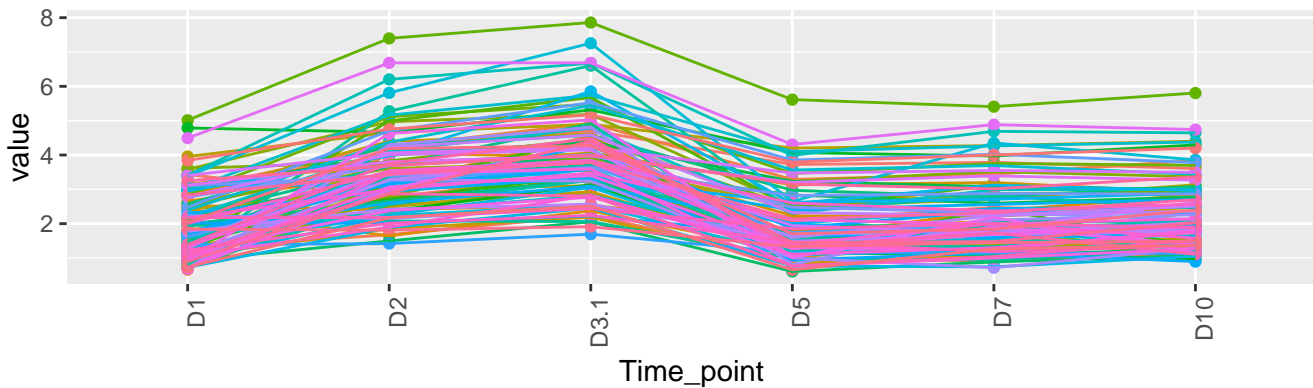
102 genes – KO-cluster-290-original



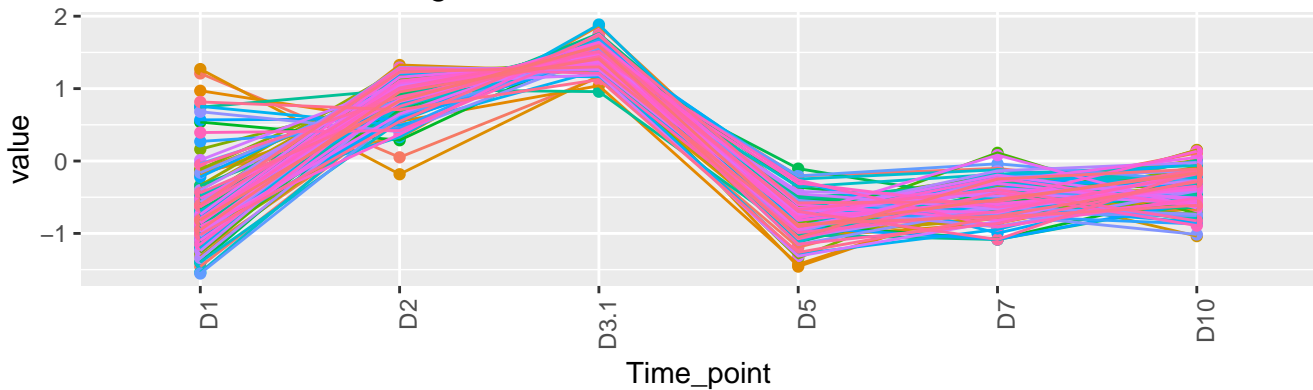
102 genes – KO-cluster-290-standardized



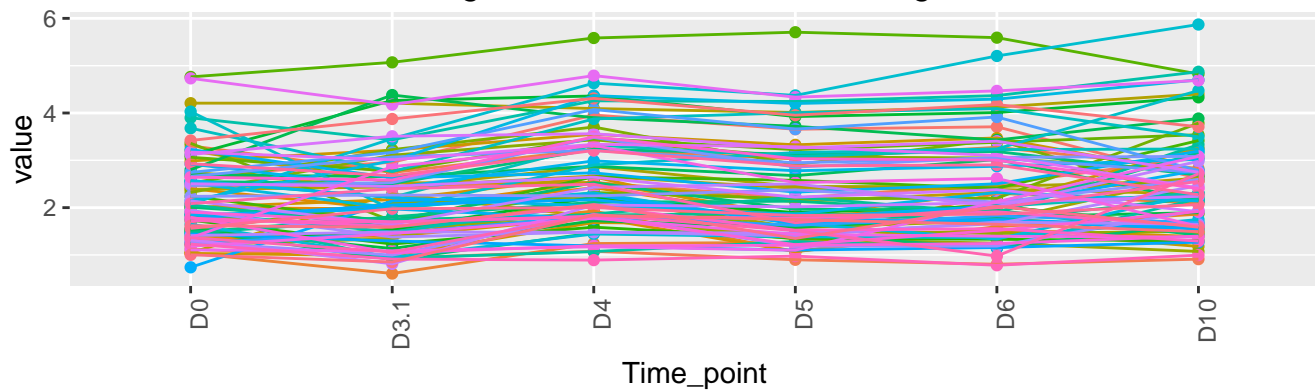
102 genes – WT-cluster-289-original



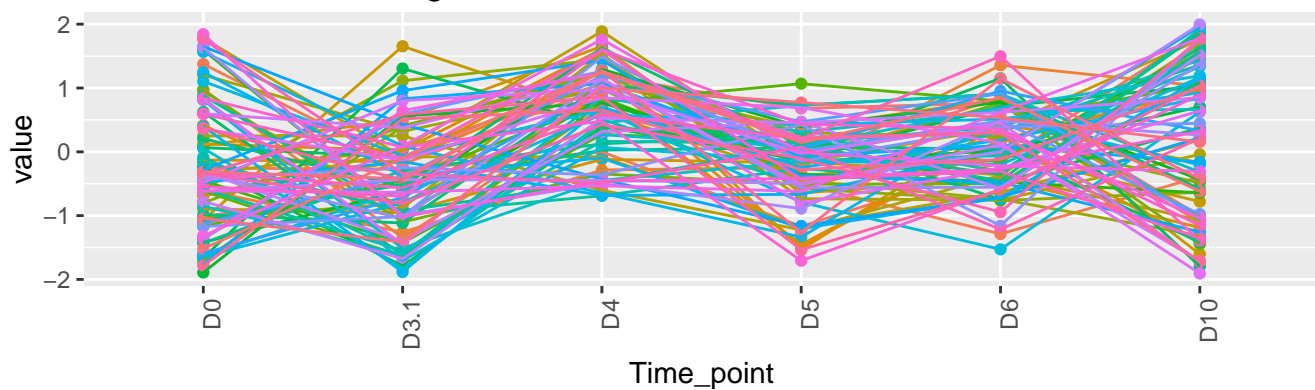
102 genes – WT-cluster-289-standardized



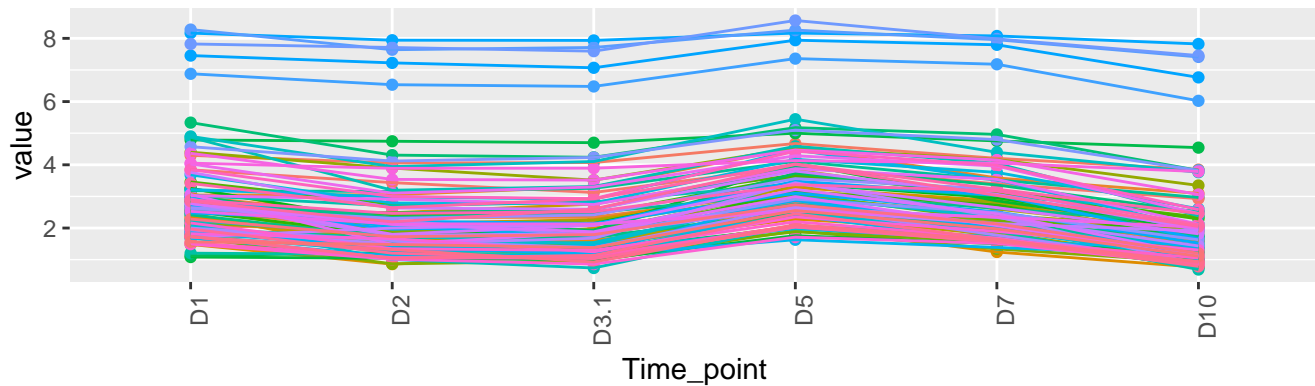
85 genes – KO-cluster-289-original



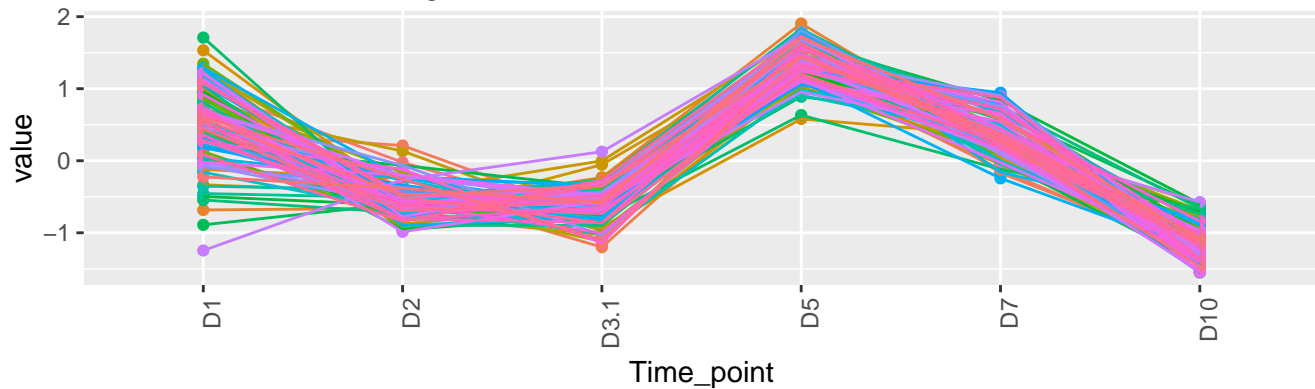
85 genes – KO-cluster-289-standardized



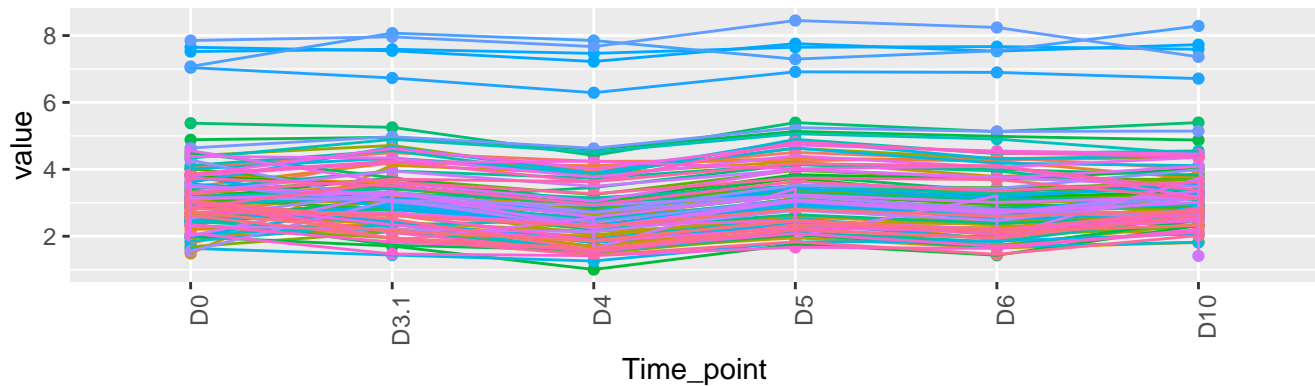
95 genes – WT-cluster-288-original



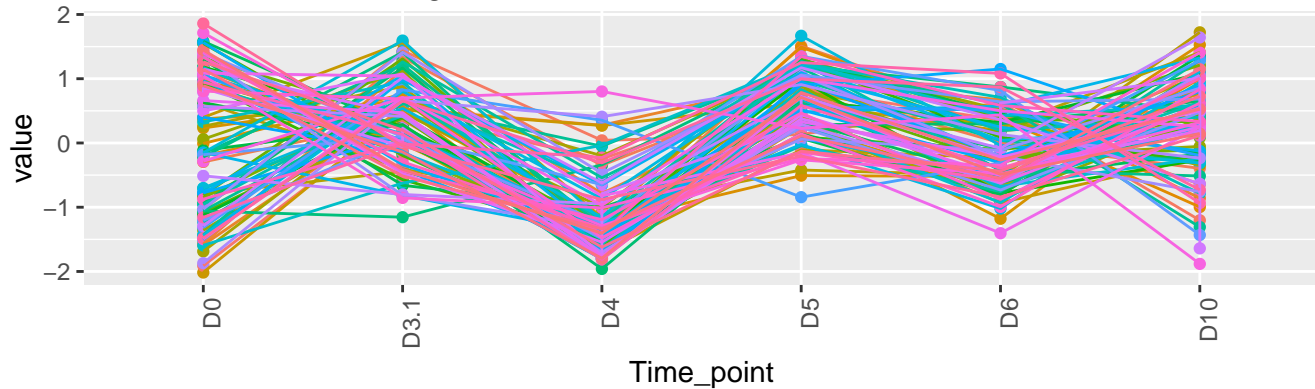
95 genes – WT-cluster-288-standardized



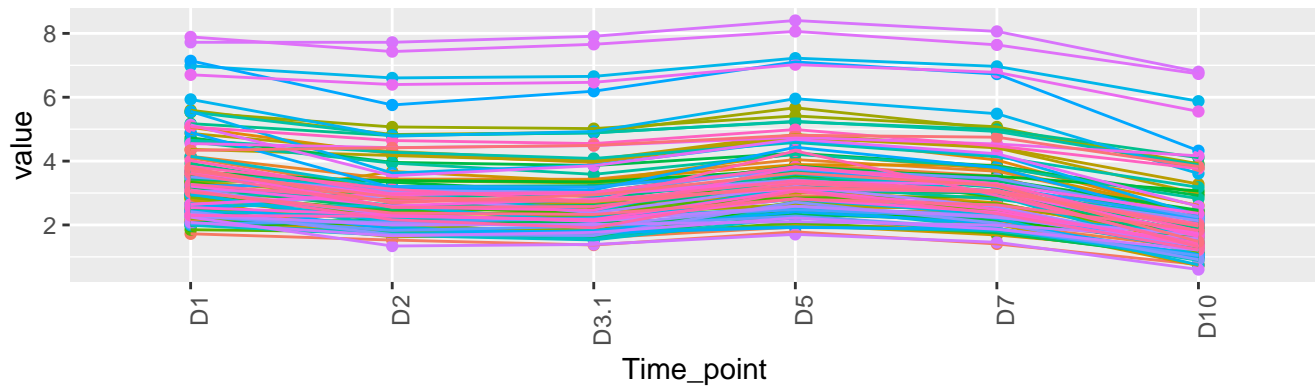
94 genes – KO-cluster-288-original



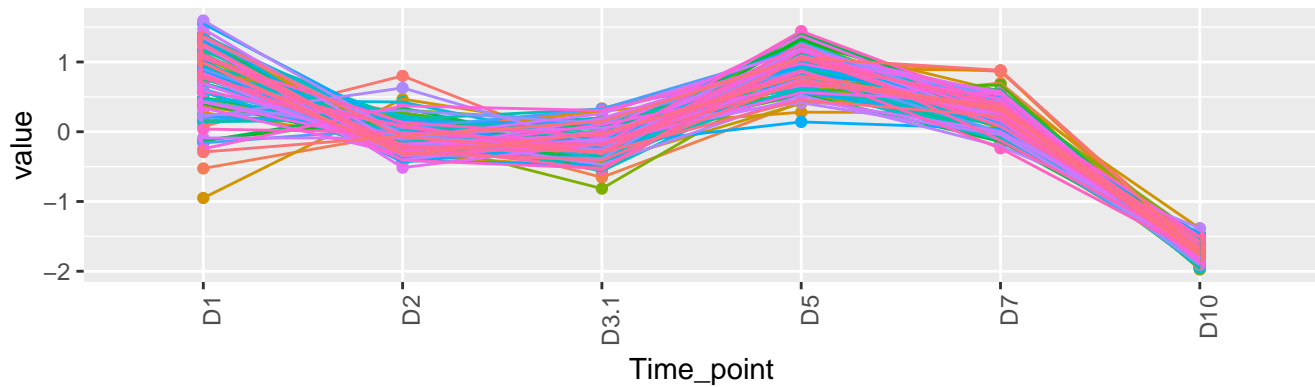
94 genes – KO-cluster-288-standardized



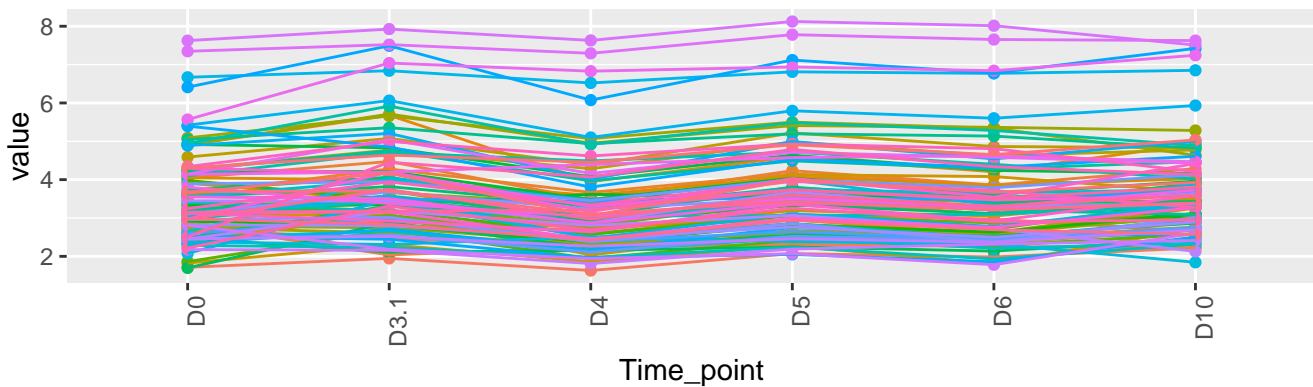
93 genes – WT-cluster-287-original



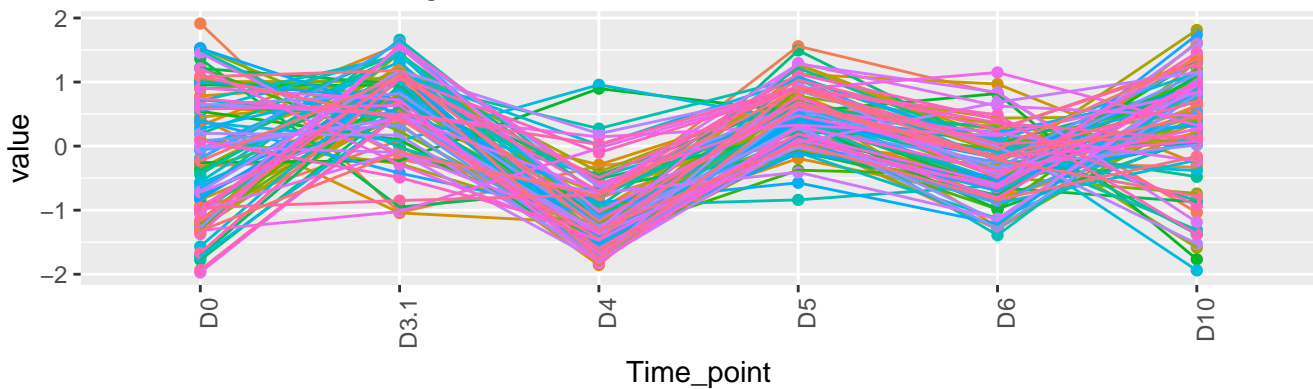
93 genes – WT-cluster-287-standardized



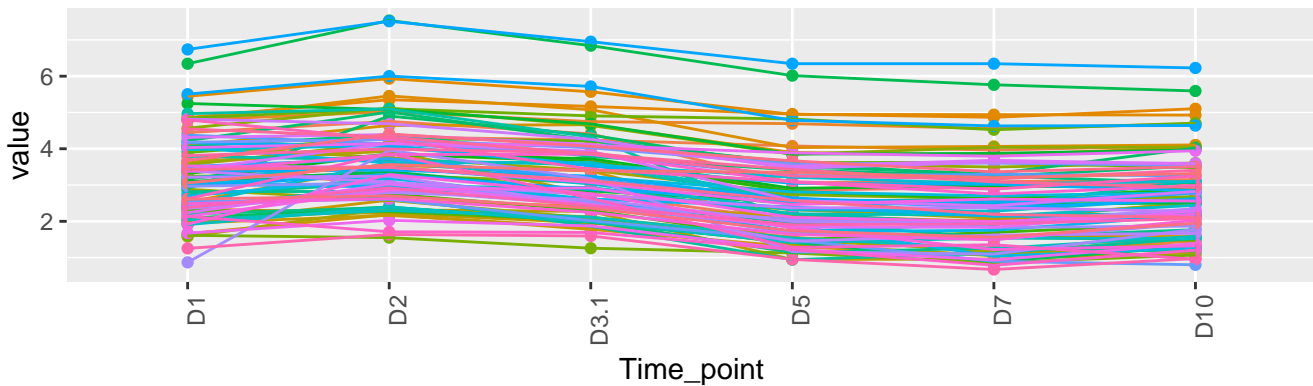
93 genes – KO-cluster-287-original



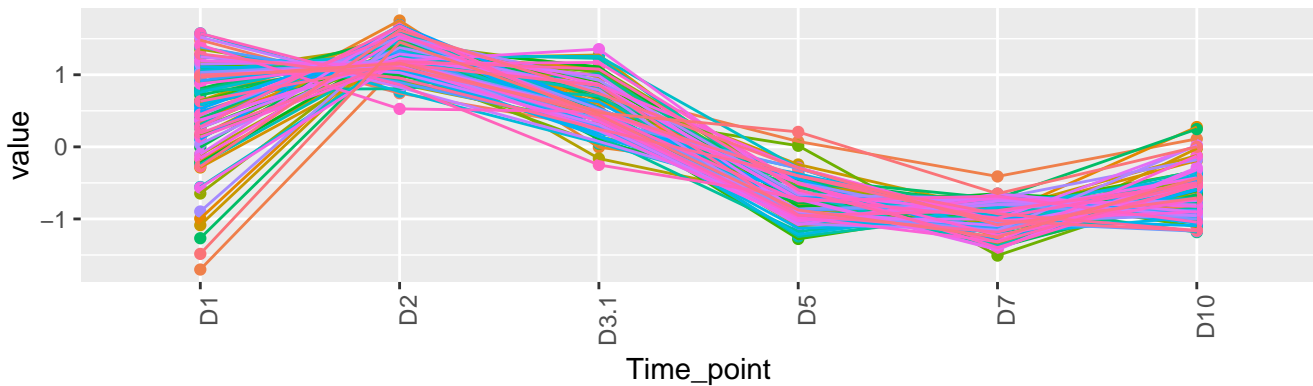
93 genes – KO-cluster-287-standardized



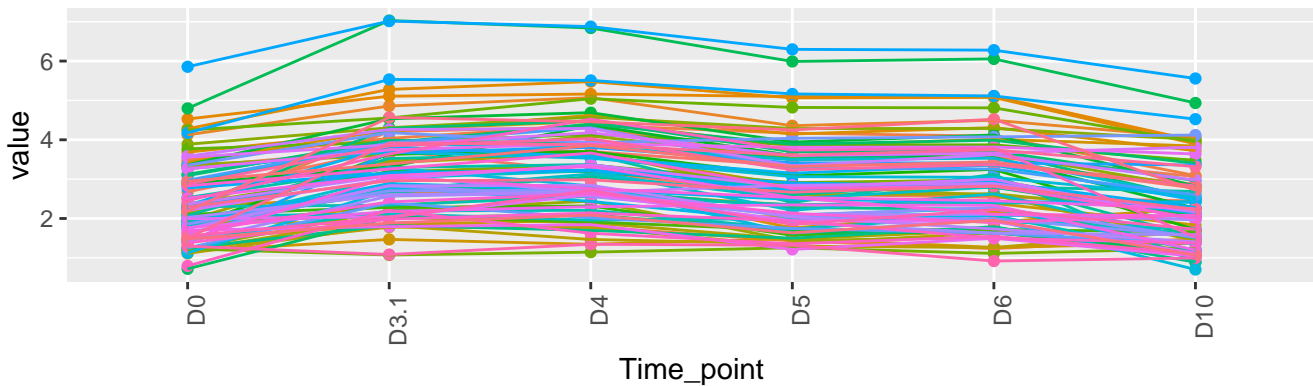
91 genes – WT-cluster-286-original



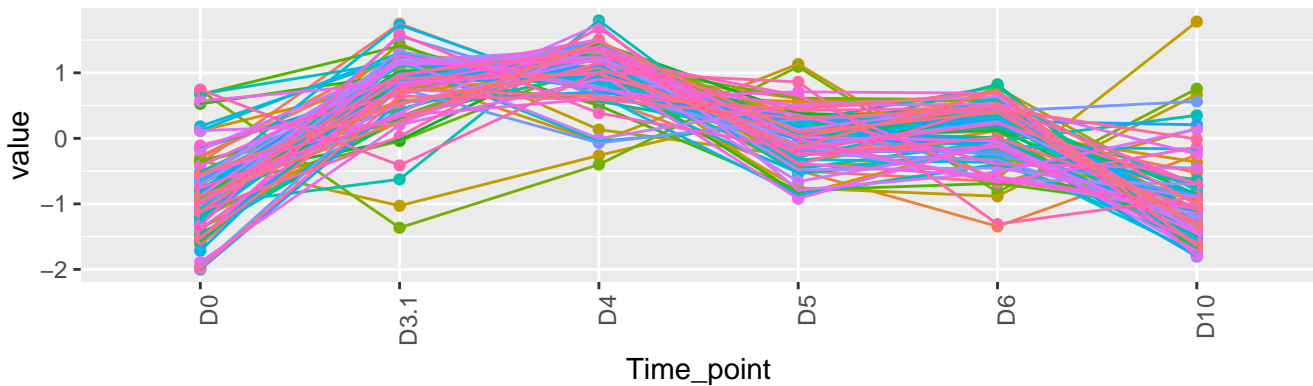
91 genes – WT-cluster-286-standardized



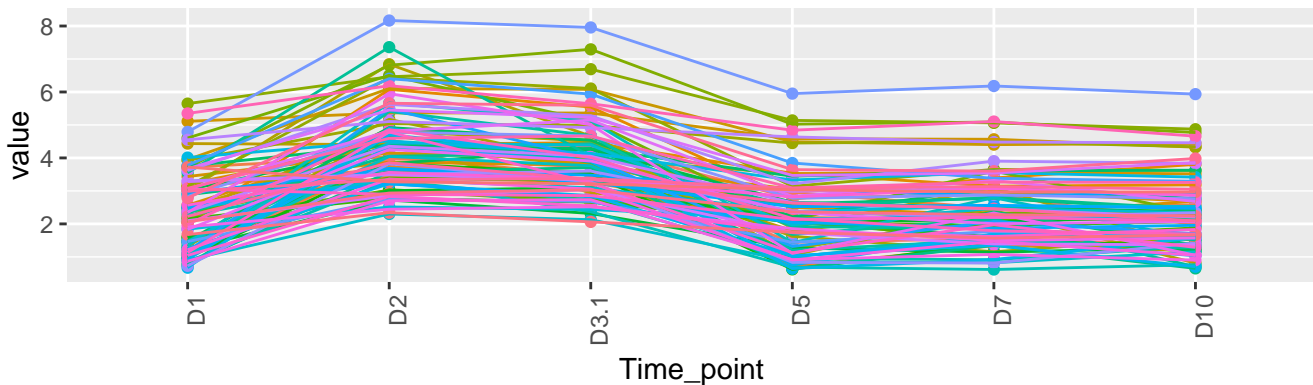
90 genes – KO-cluster-286-original



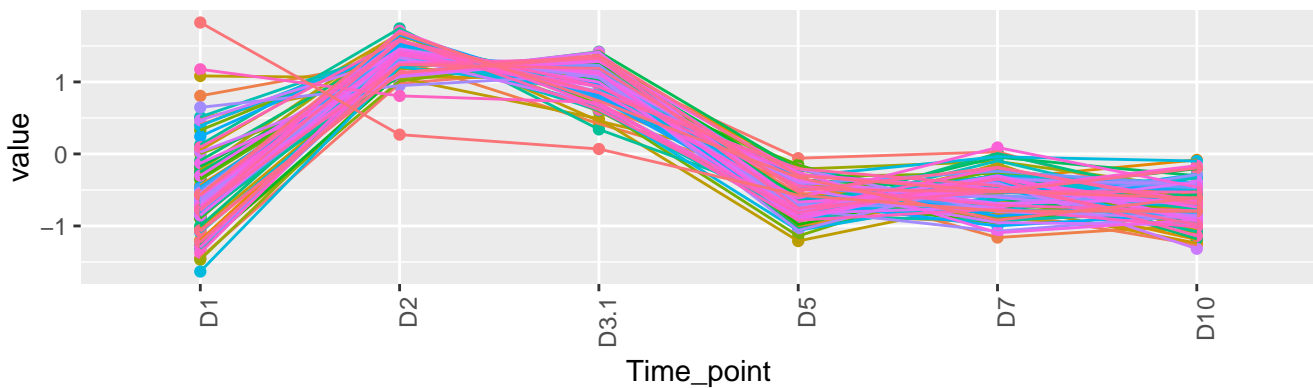
90 genes – KO-cluster-286-standardized



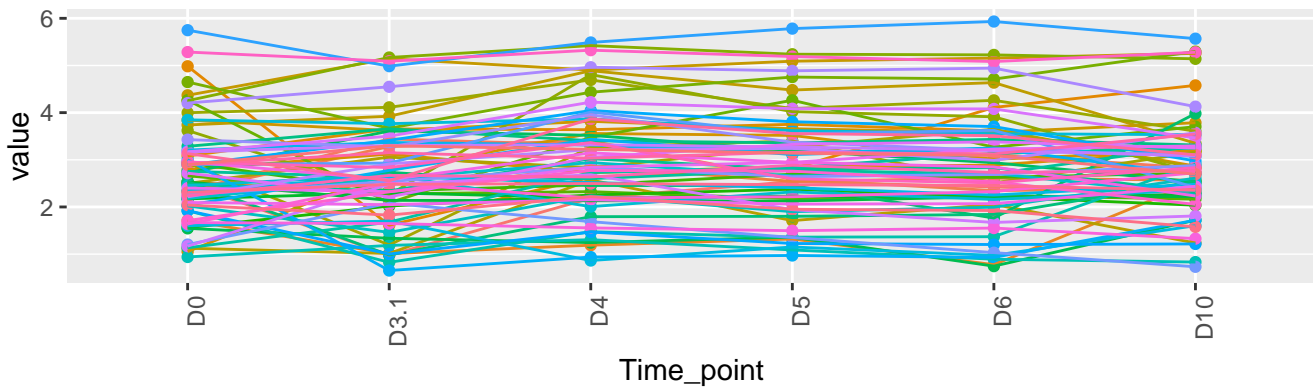
90 genes – WT-cluster-285-original



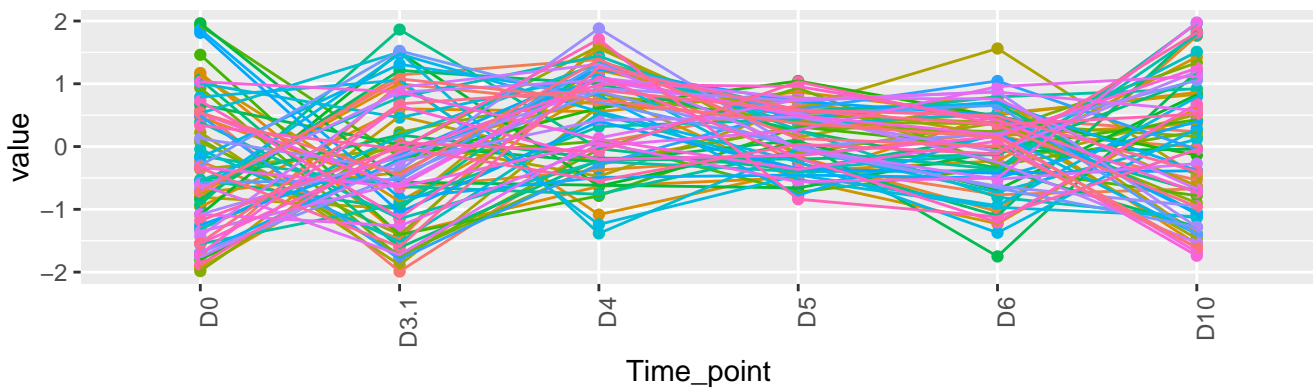
90 genes – WT-cluster-285-standardized



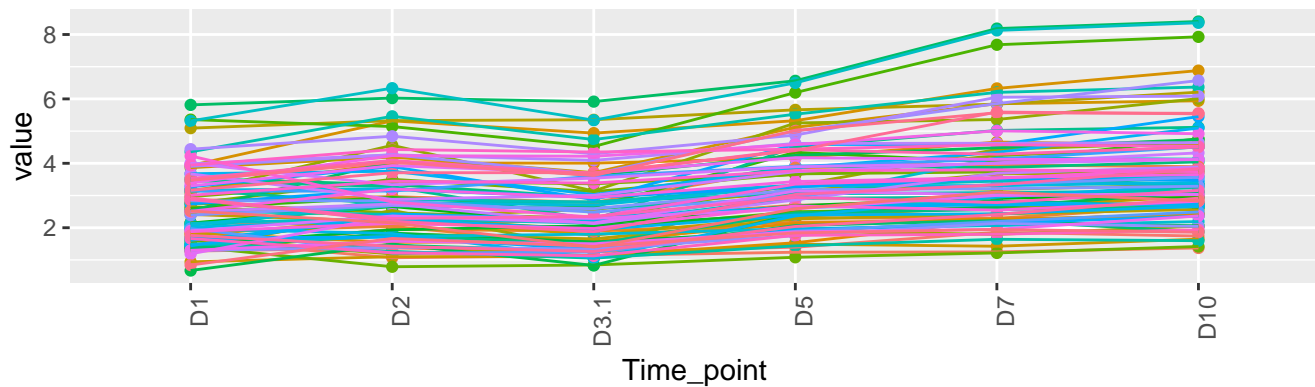
71 genes – KO-cluster-285-original



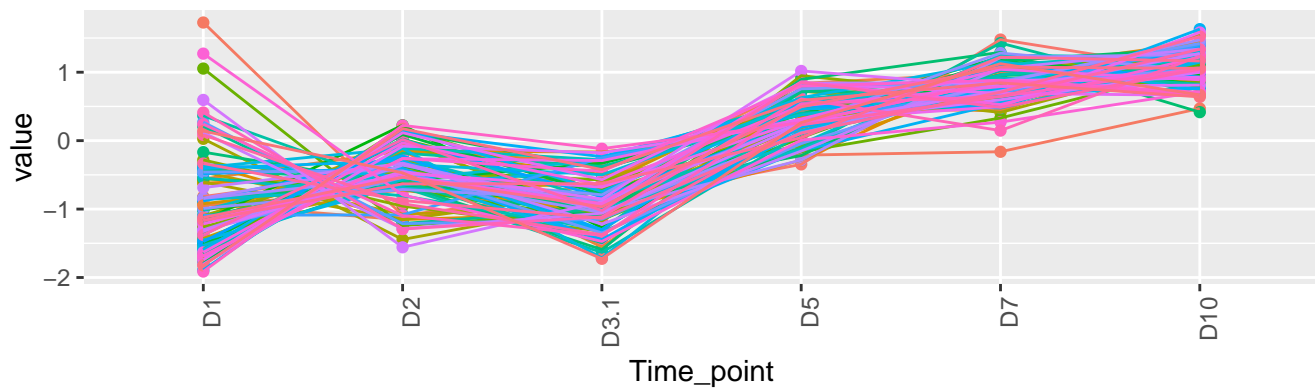
71 genes – KO-cluster-285-standardized



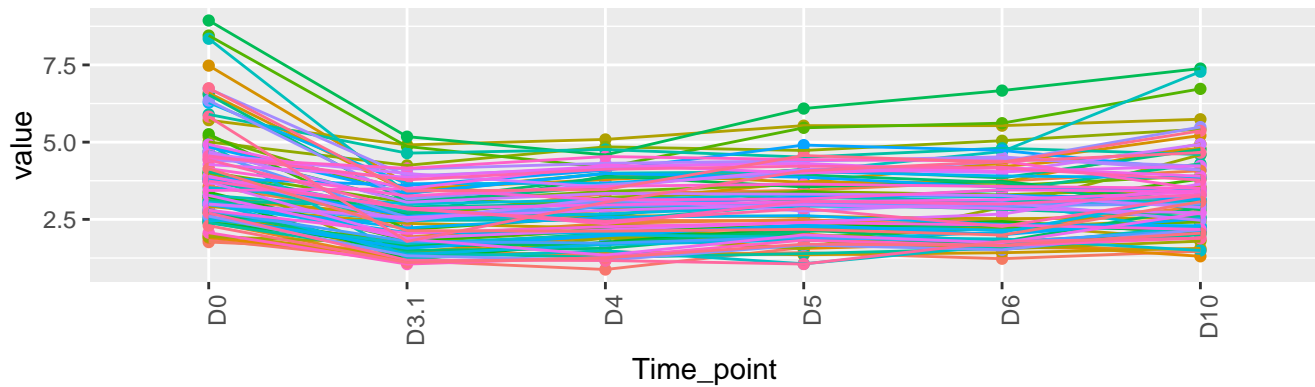
86 genes – WT-cluster-284-original



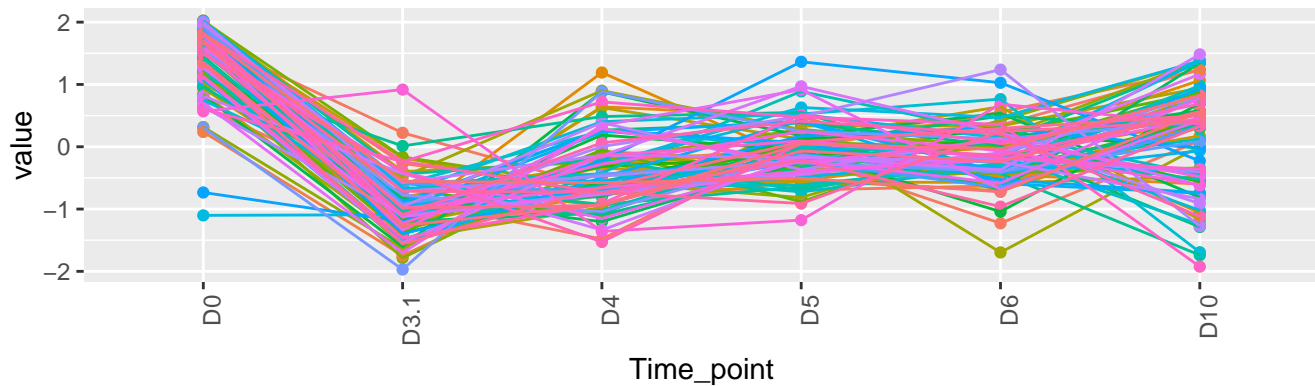
86 genes – WT-cluster-284-standardized



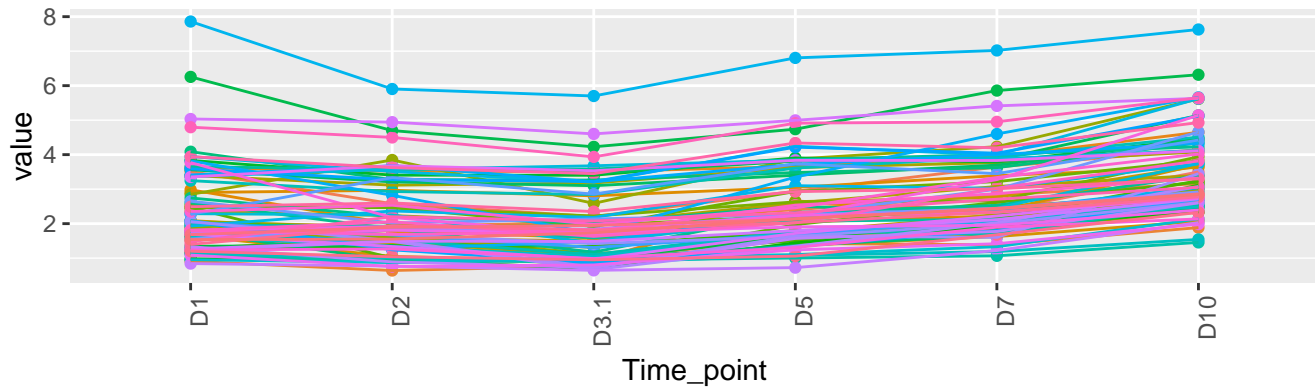
84 genes – KO-cluster-284-original



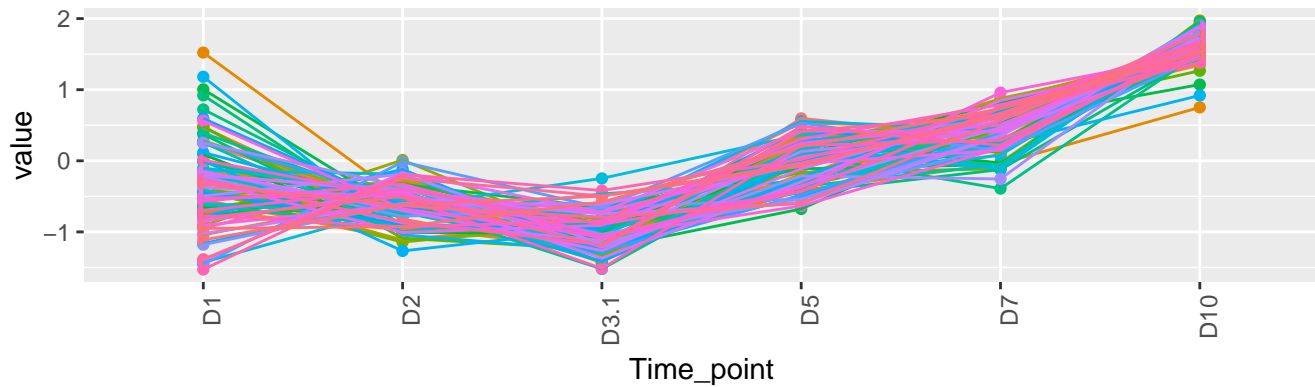
84 genes – KO-cluster-284-standardized



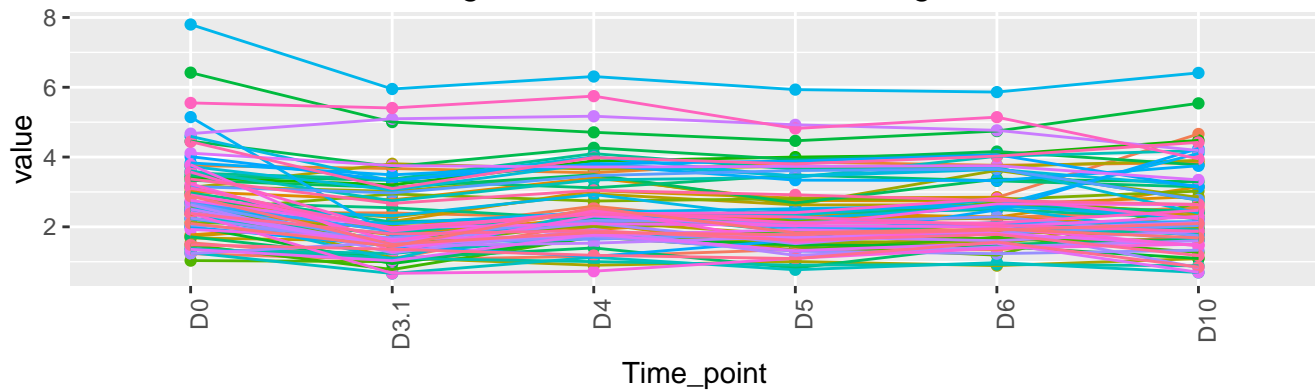
83 genes – WT-cluster-283-original



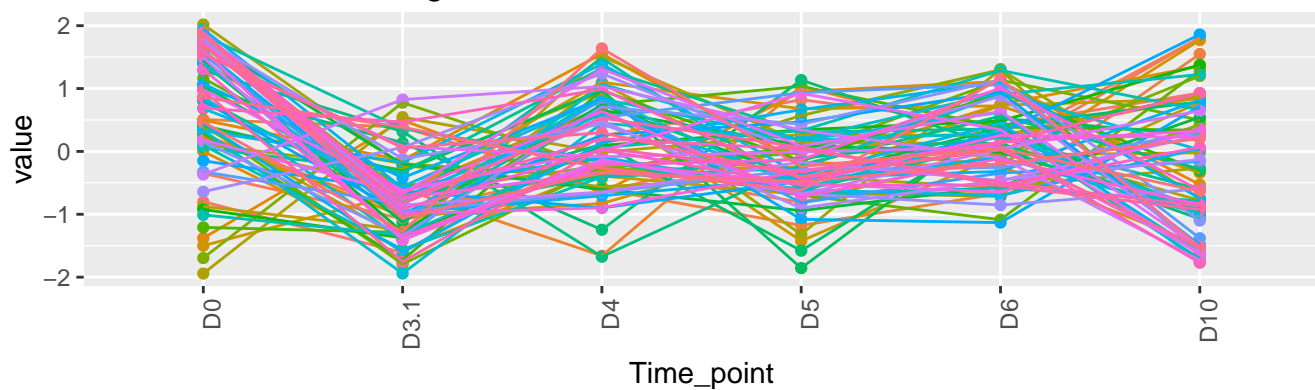
83 genes – WT-cluster-283-standardized



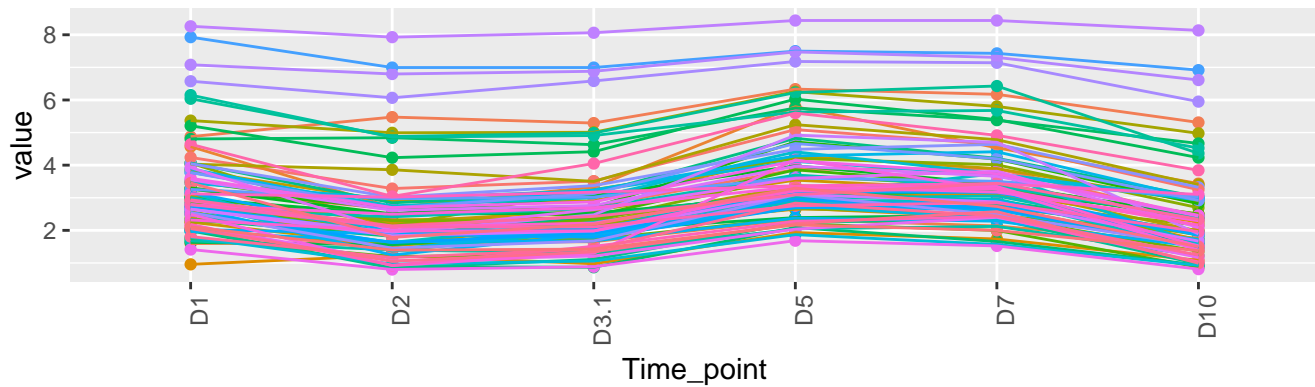
77 genes – KO-cluster-283-original



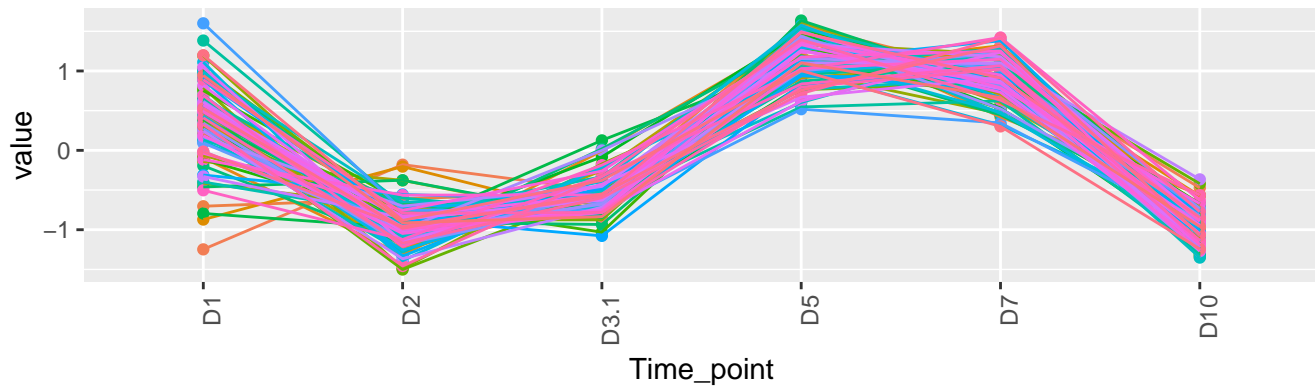
77 genes – KO-cluster-283-standardized



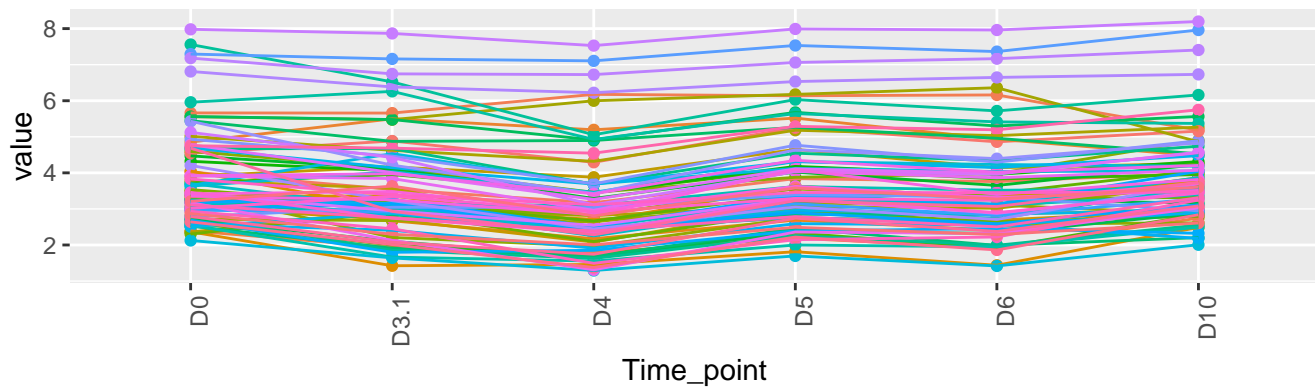
81 genes – WT-cluster-282-original



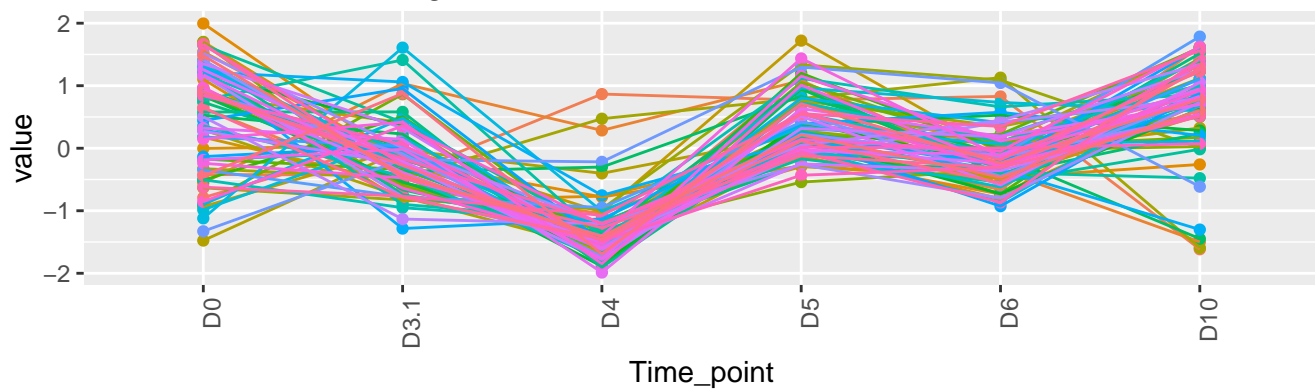
81 genes – WT-cluster-282-standardized



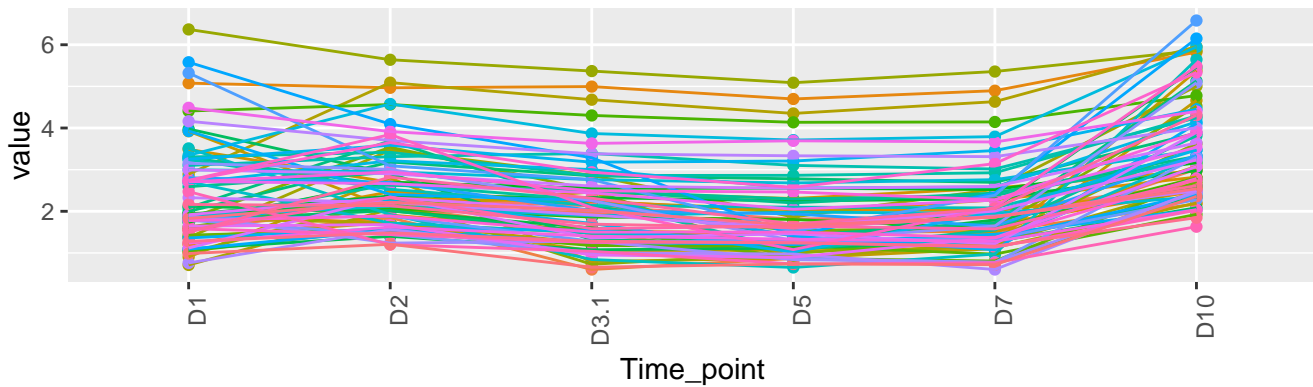
80 genes – KO-cluster-282-original



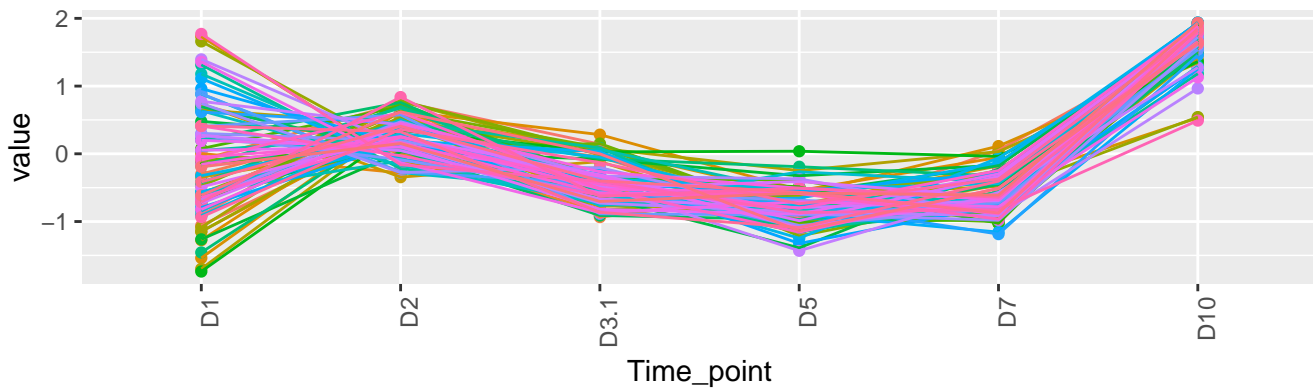
80 genes – KO-cluster-282-standardized



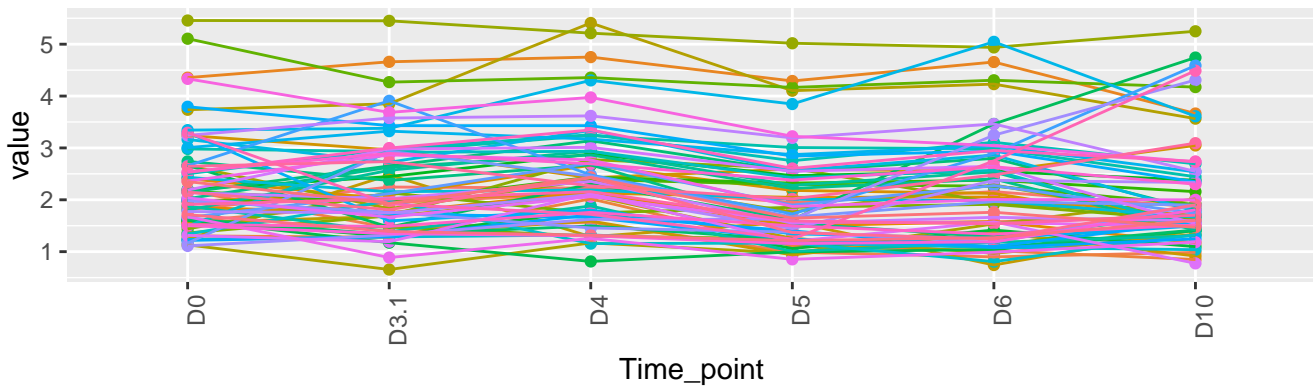
80 genes – WT-cluster-281-original



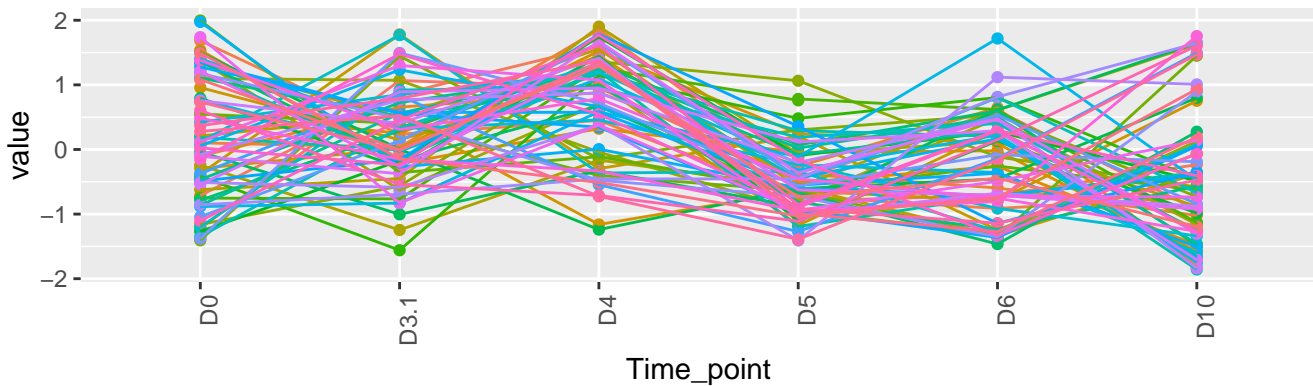
80 genes – WT-cluster-281-standardized



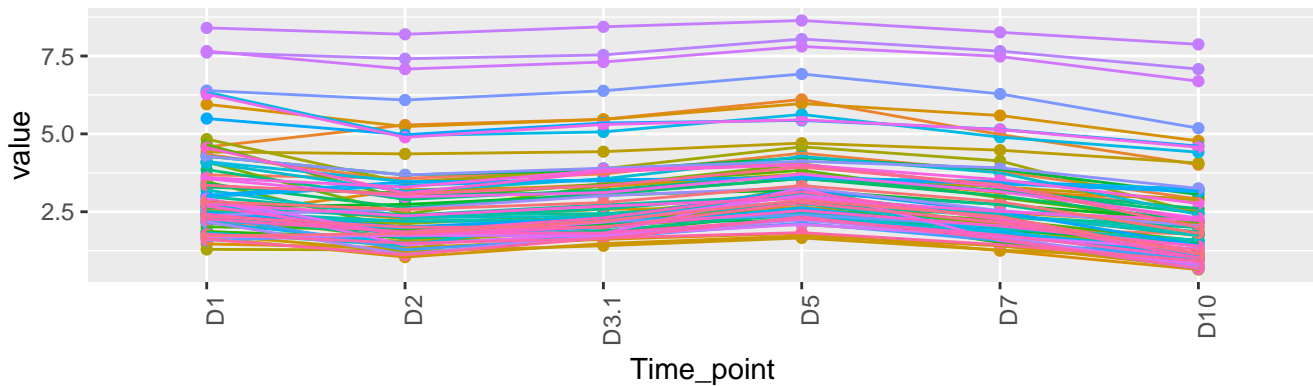
70 genes – KO-cluster-281-original



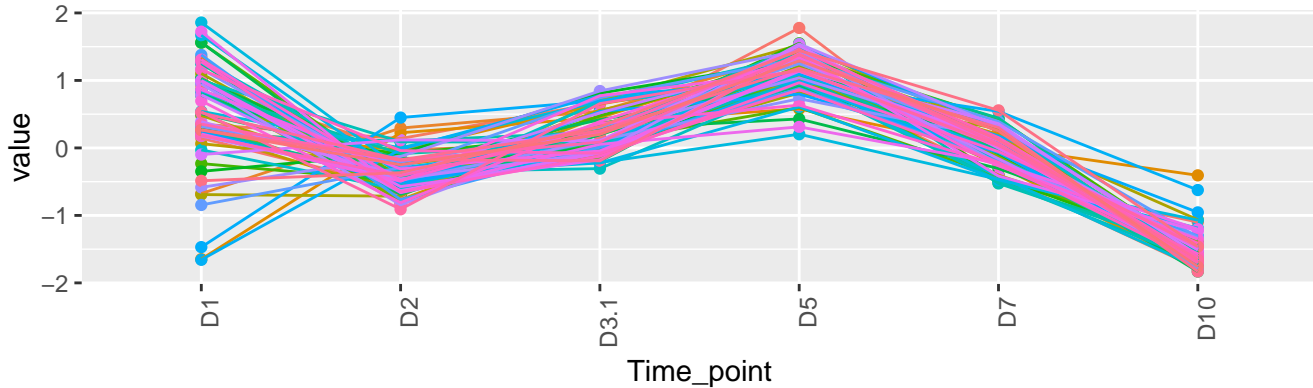
70 genes – KO-cluster-281-standardized



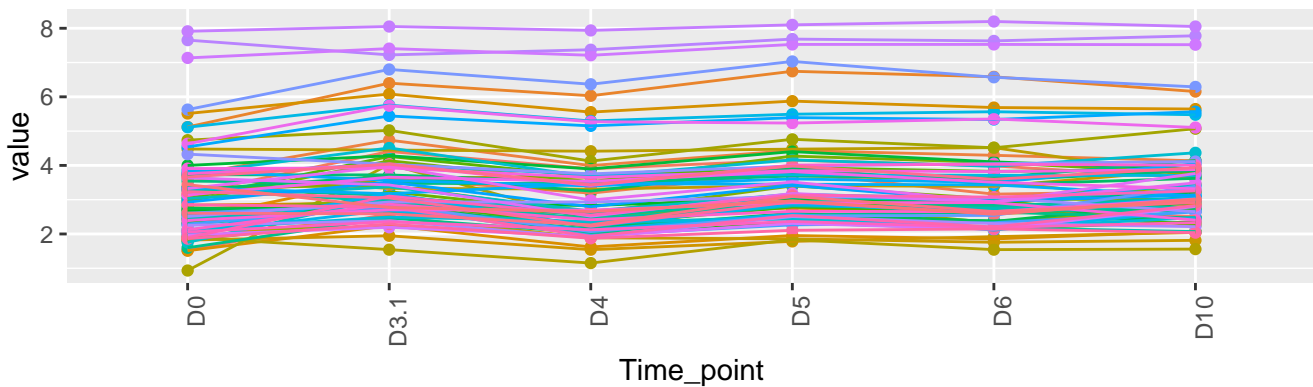
75 genes – WT-cluster-280-original



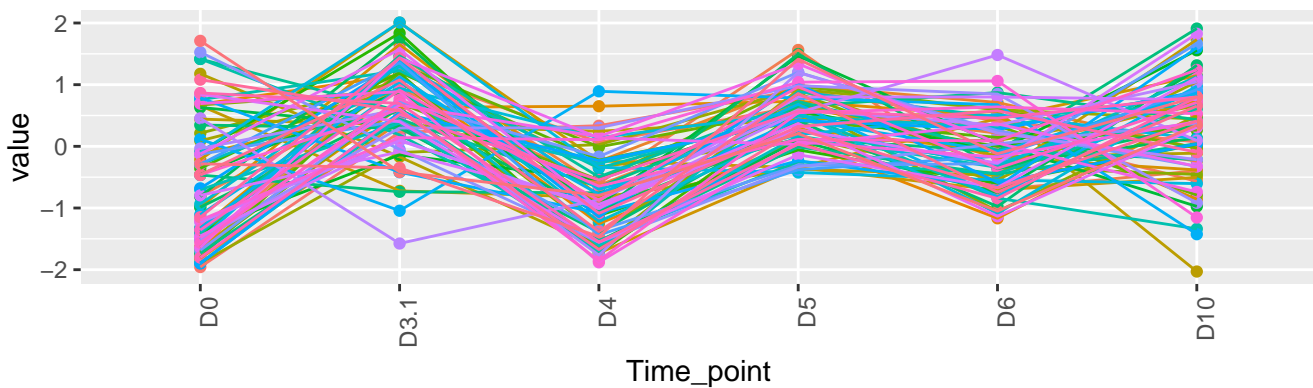
75 genes – WT-cluster-280-standardized



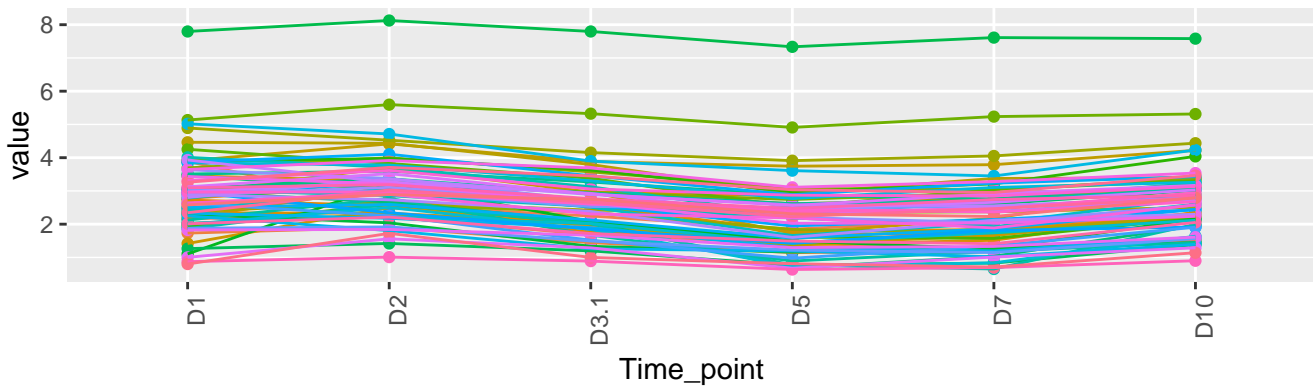
75 genes – KO-cluster-280-original



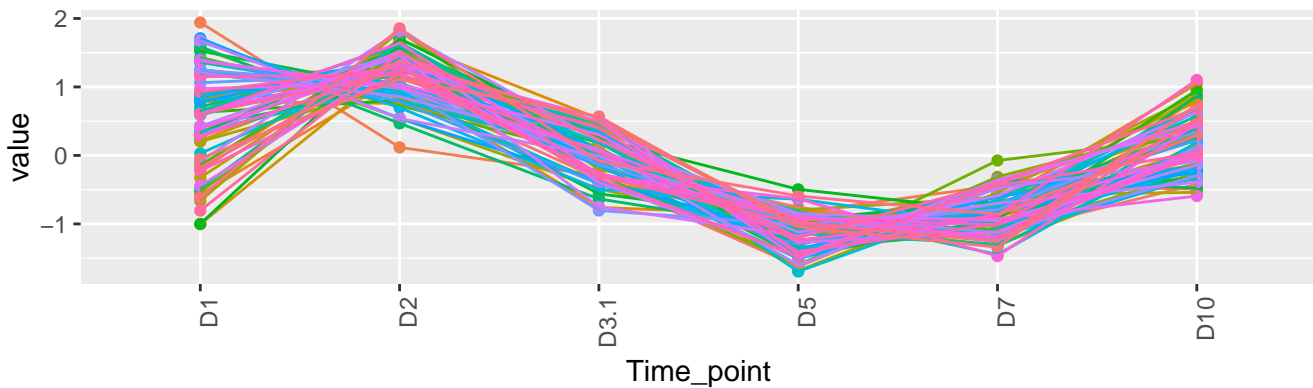
75 genes – KO-cluster-280-standardized



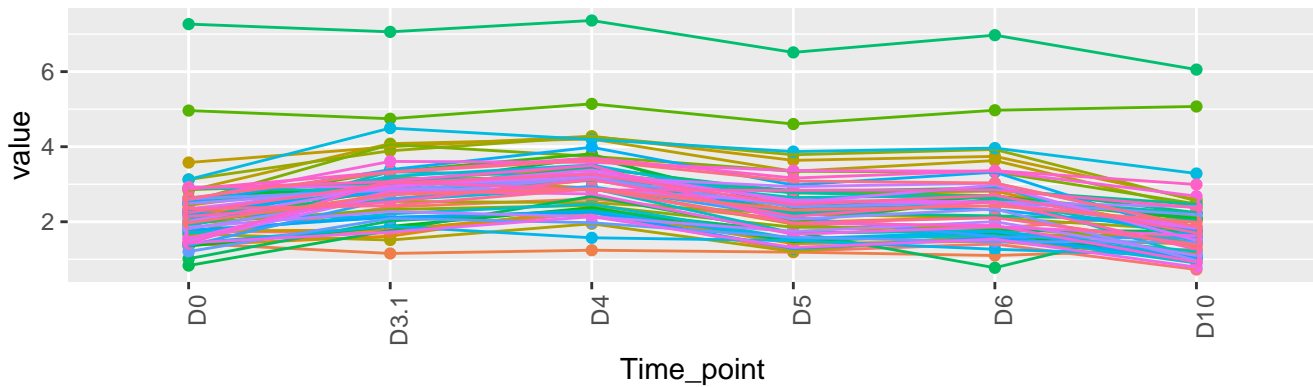
72 genes – WT-cluster-279-original



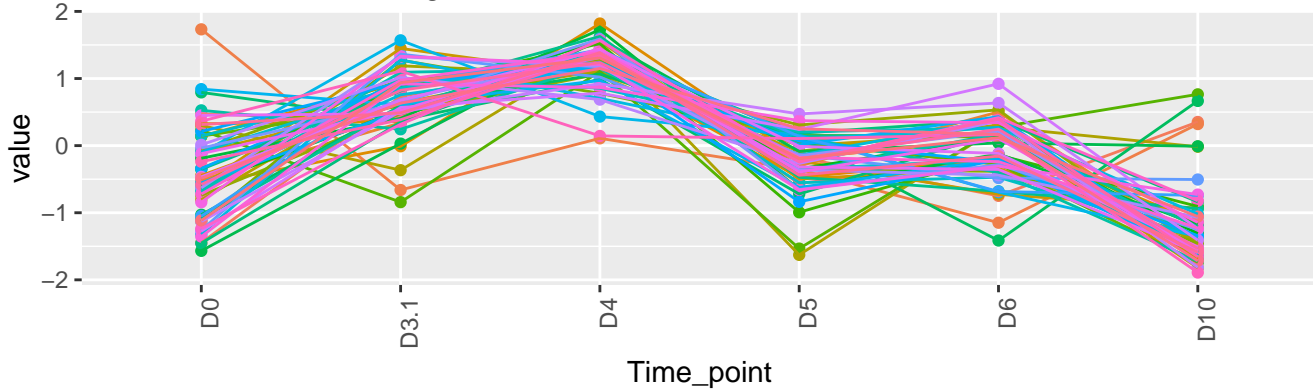
72 genes – WT-cluster-279-standardized



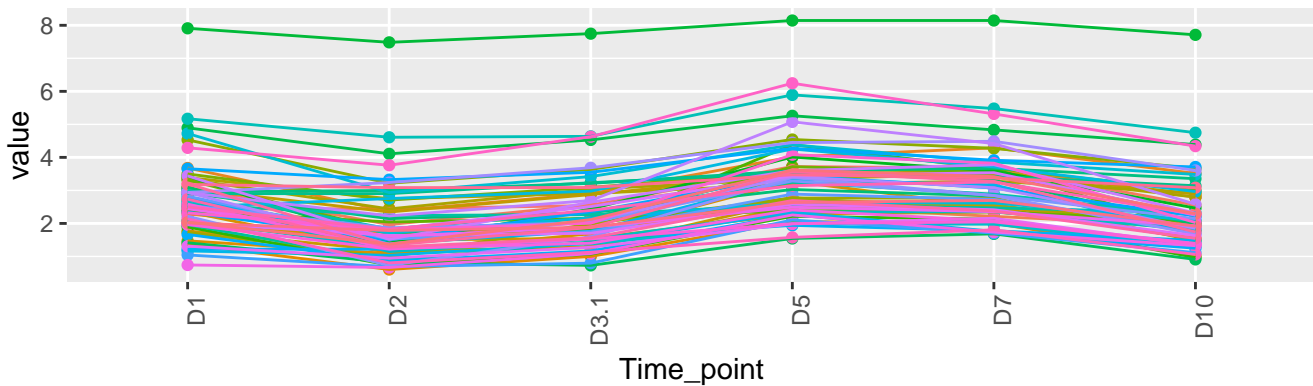
60 genes – KO-cluster-279-original



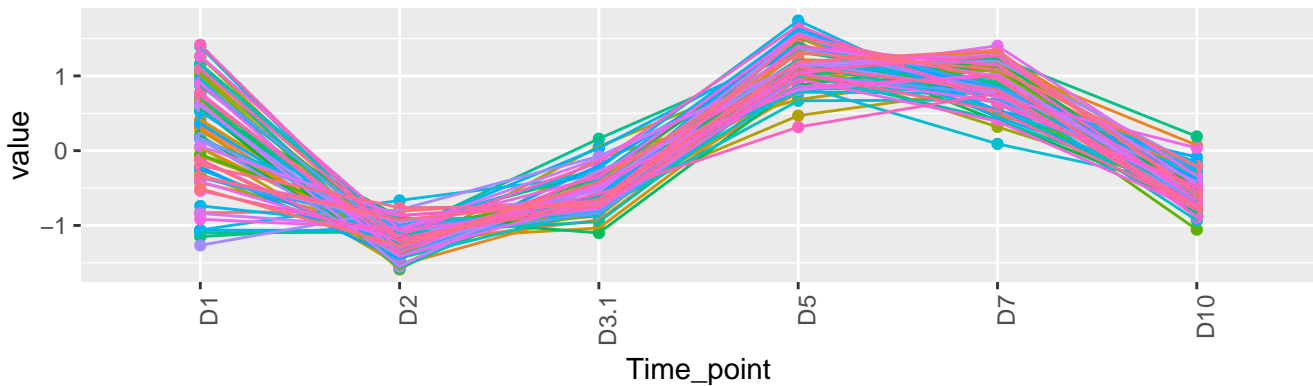
60 genes – KO-cluster-279-standardized



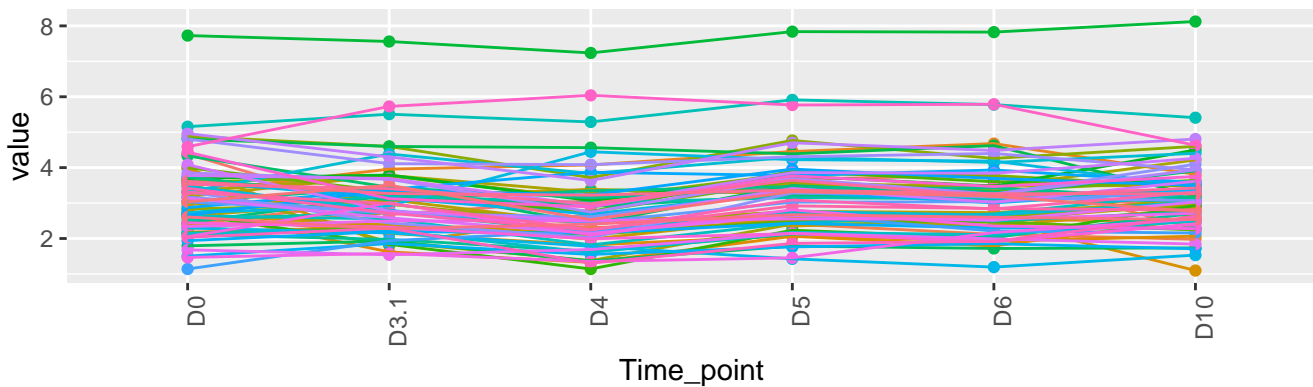
70 genes – WT-cluster-278-original



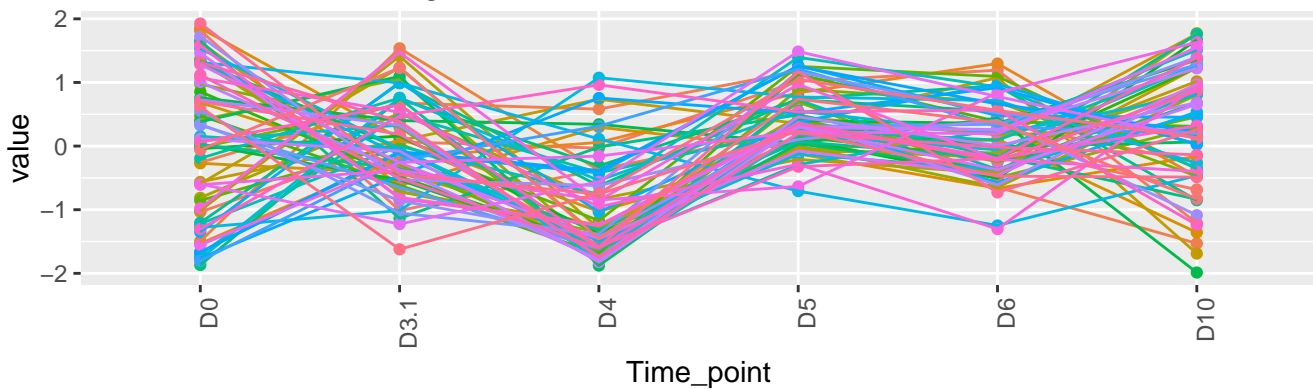
70 genes – WT-cluster-278-standardized



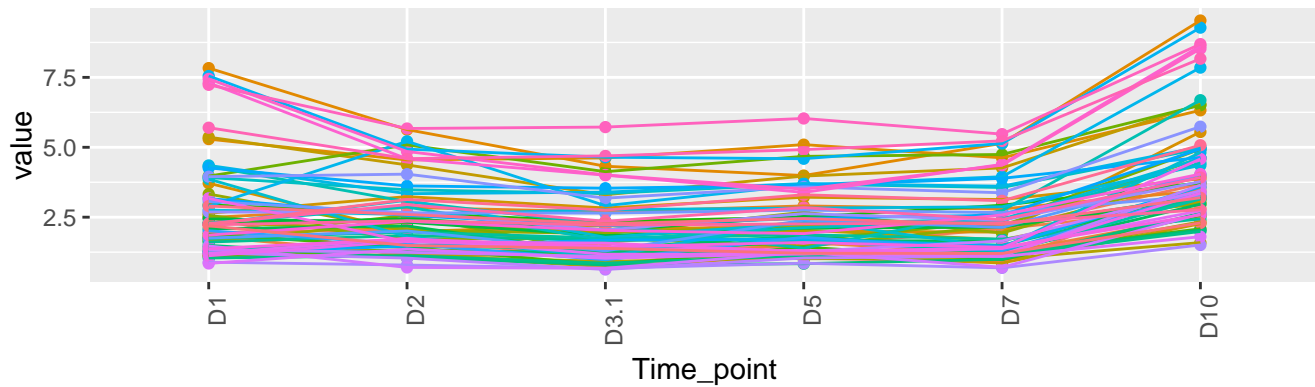
70 genes – KO-cluster-278-original



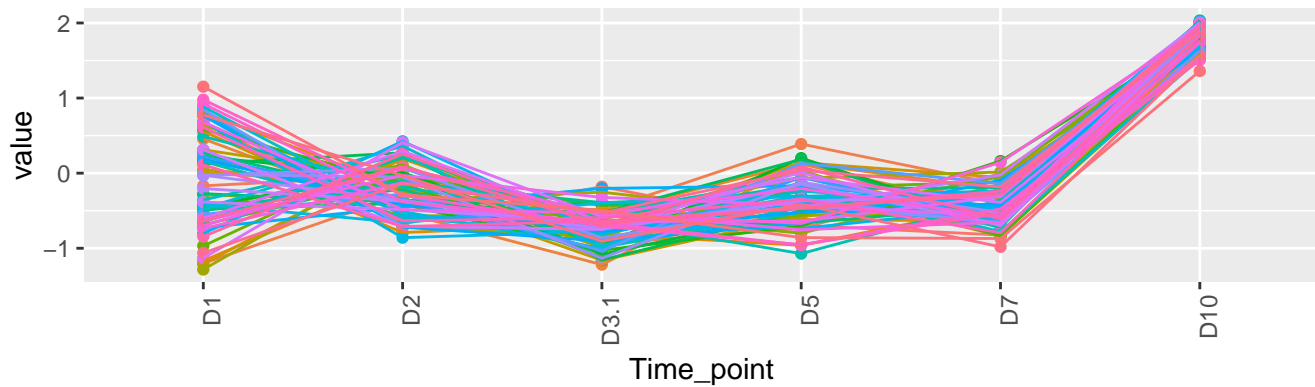
70 genes – KO-cluster-278-standardized



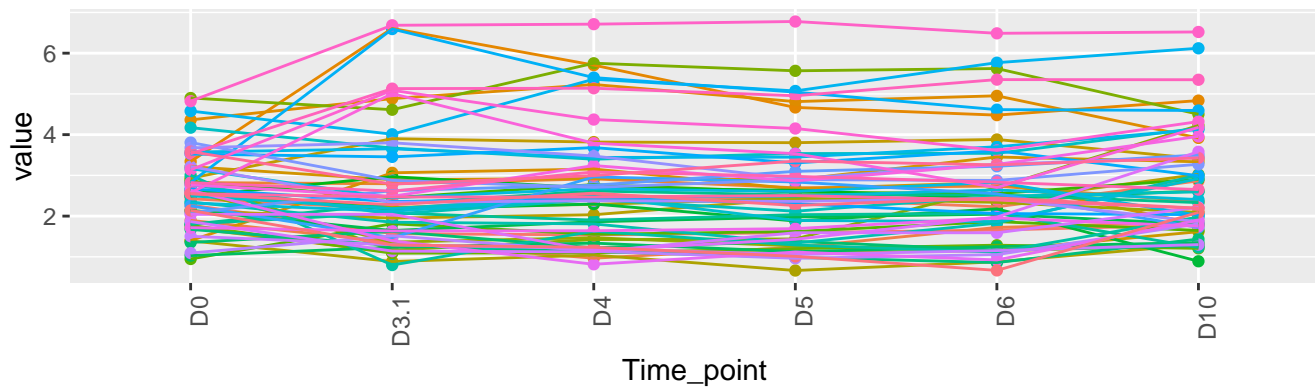
68 genes – WT-cluster-277-original



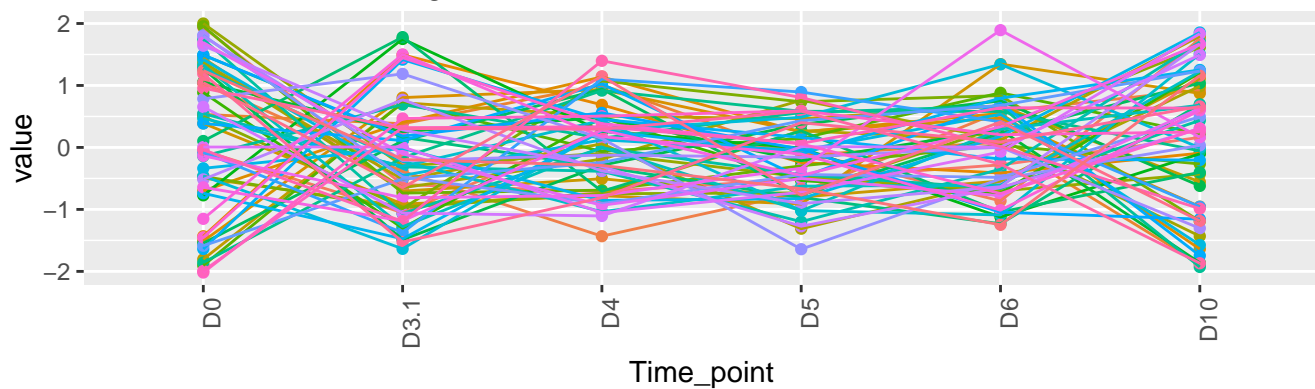
68 genes – WT-cluster-277-standardized



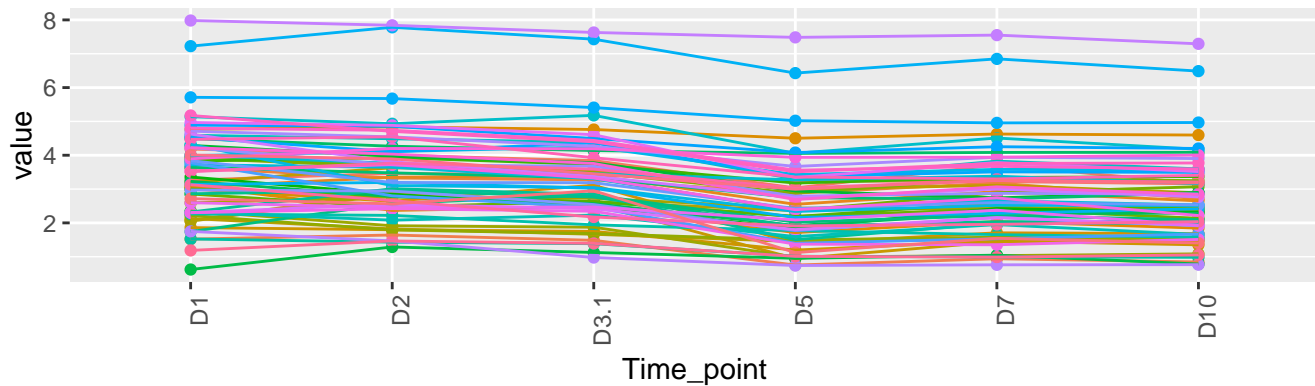
60 genes – KO-cluster-277-original



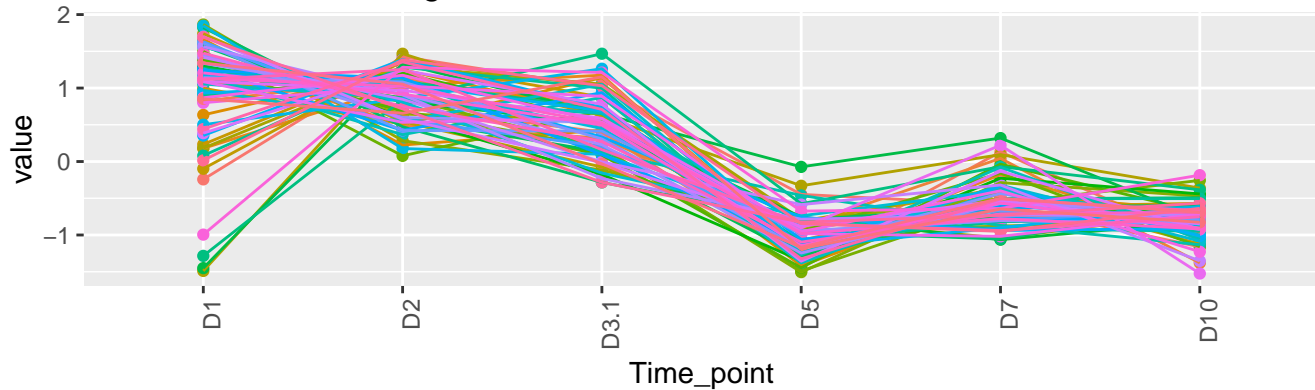
60 genes – KO-cluster-277-standardized



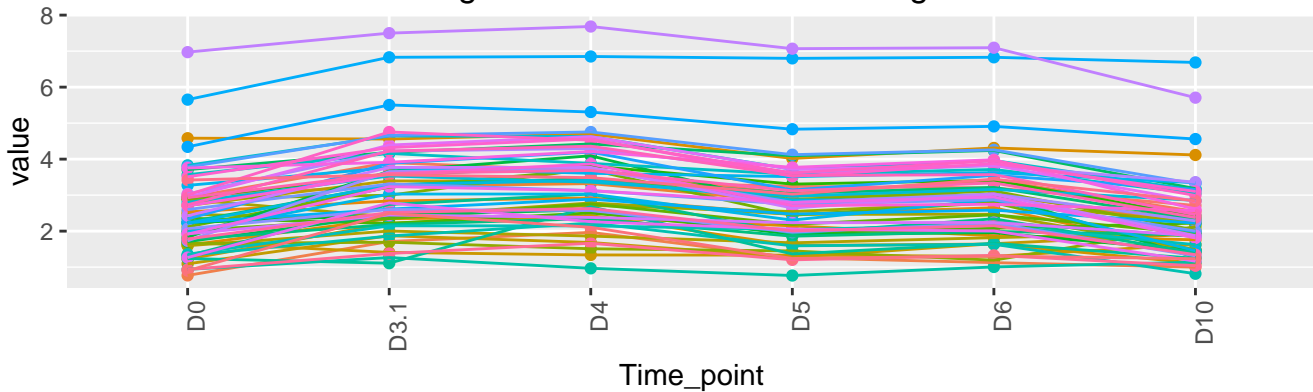
67 genes – WT-cluster-276-original



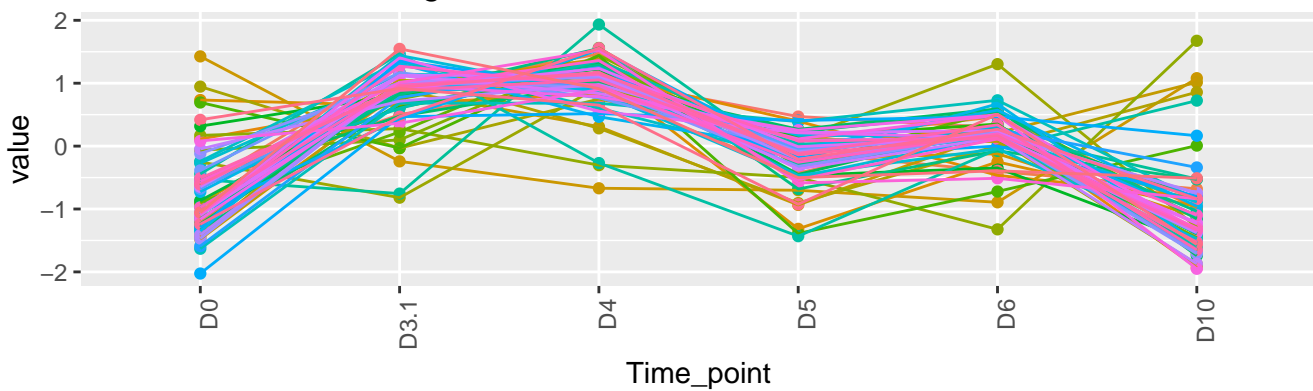
67 genes – WT-cluster-276-standardized



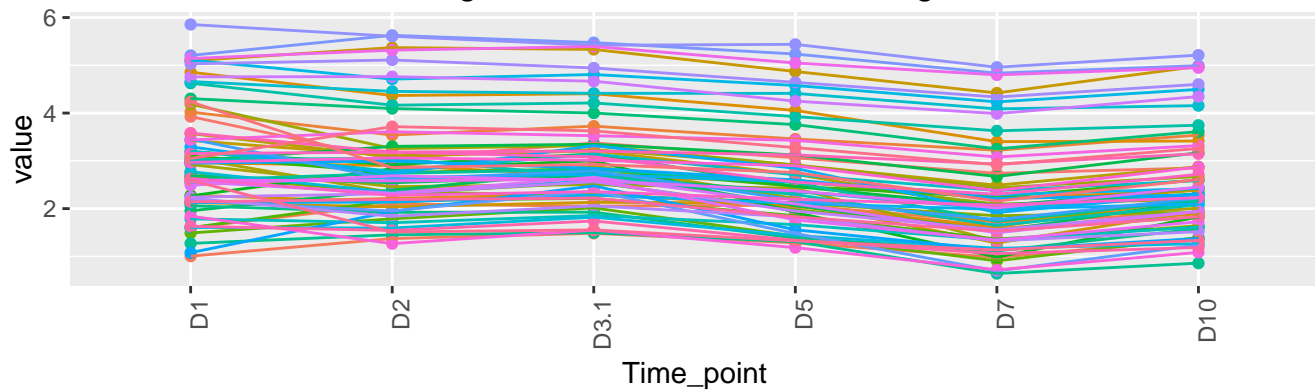
62 genes – KO-cluster-276-original



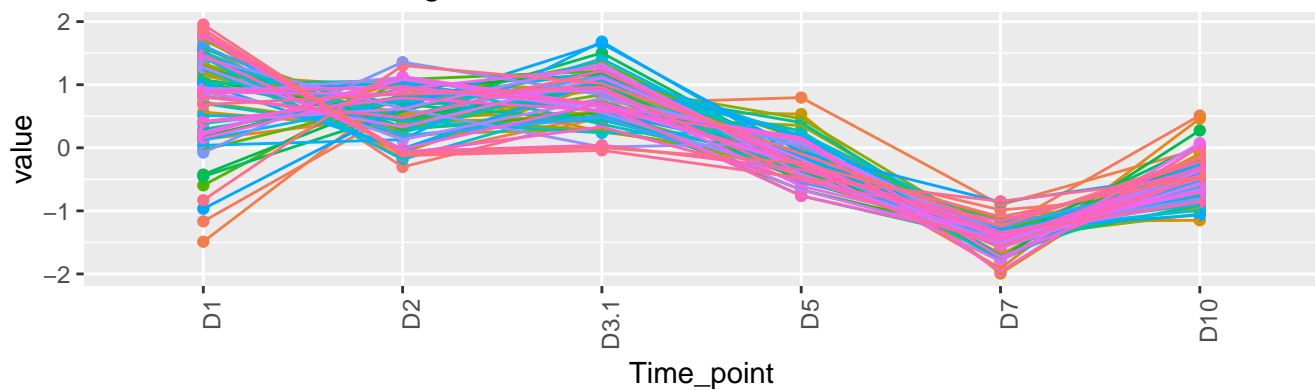
62 genes – KO-cluster-276-standardized



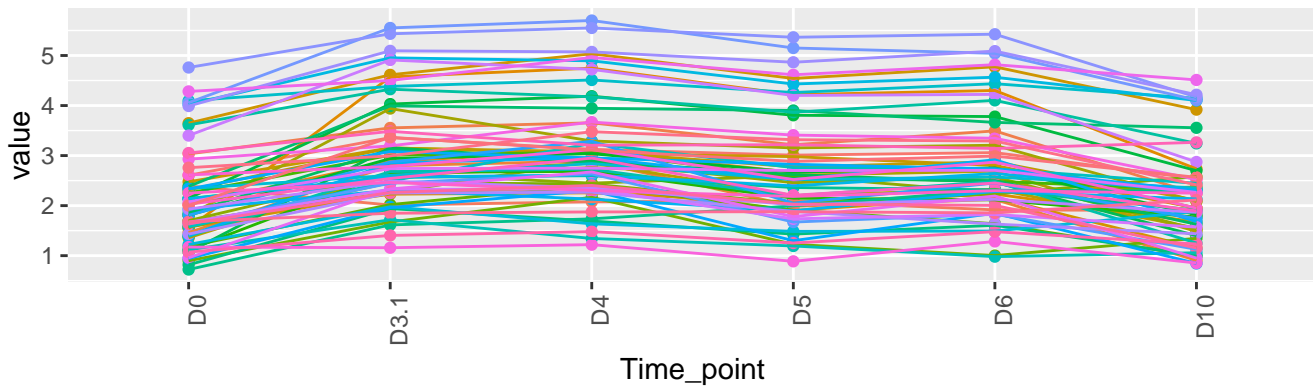
66 genes – WT-cluster-275-original



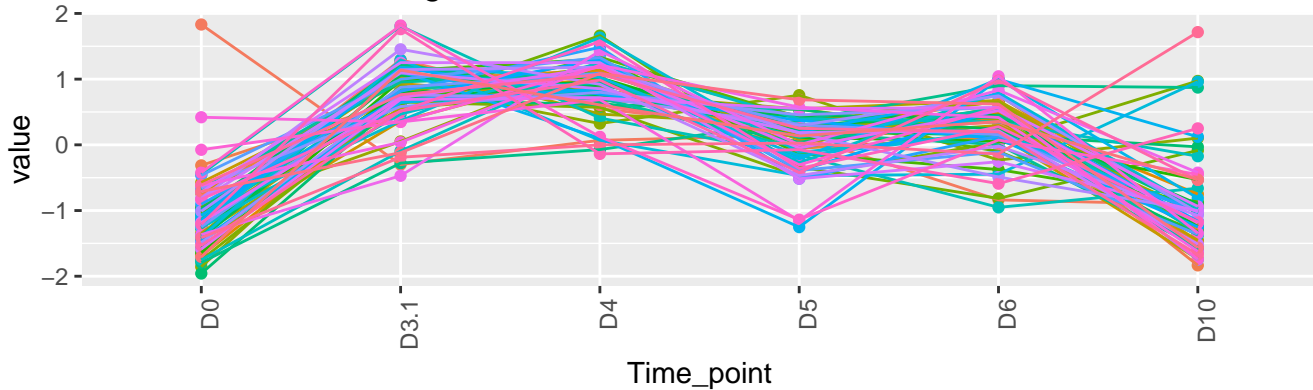
66 genes – WT-cluster-275-standardized



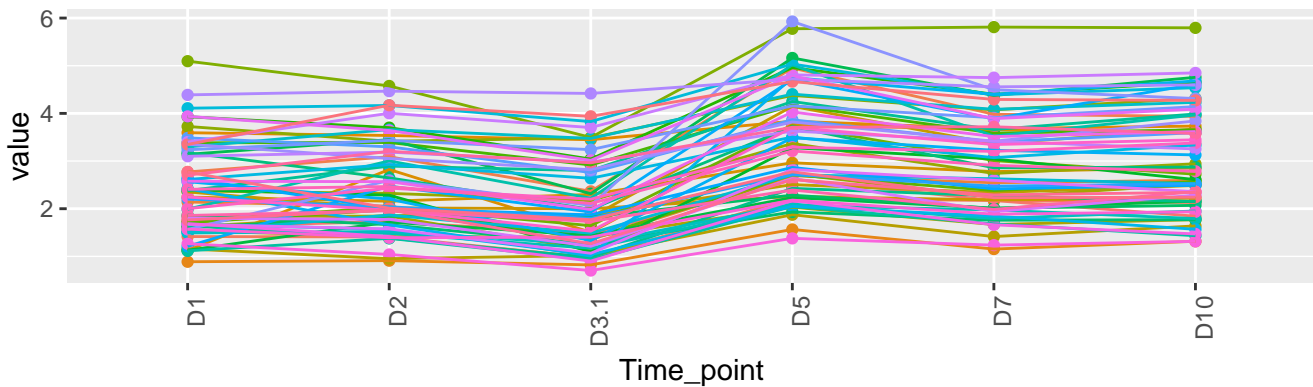
65 genes – KO-cluster-275-original



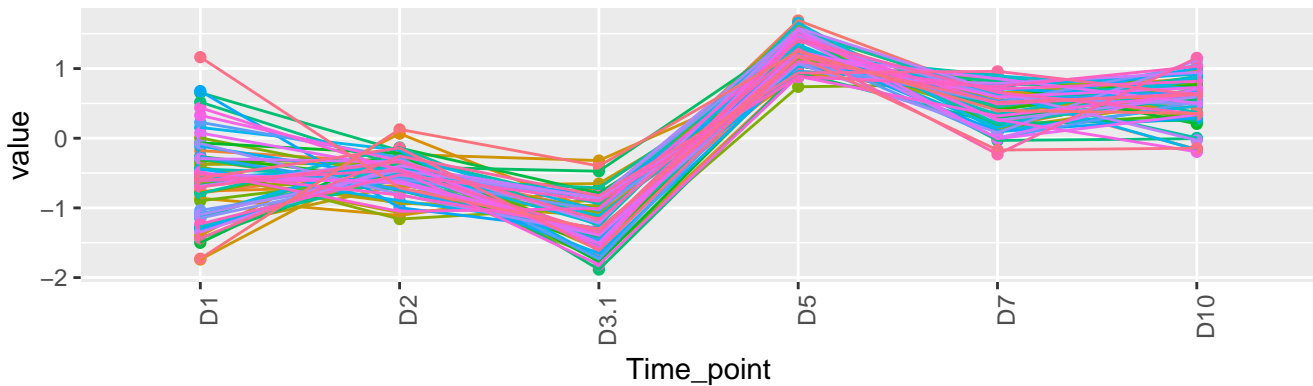
65 genes – KO-cluster-275-standardized



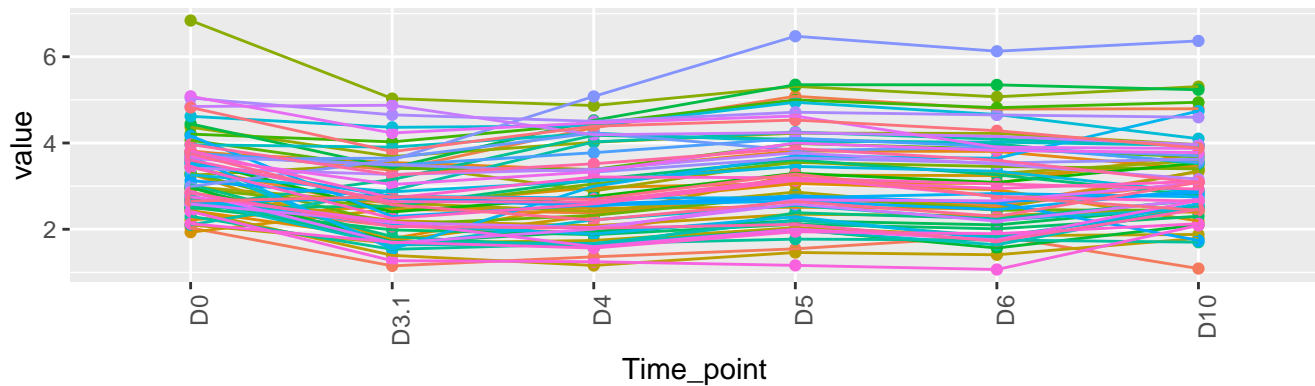
65 genes – WT-cluster-274-original



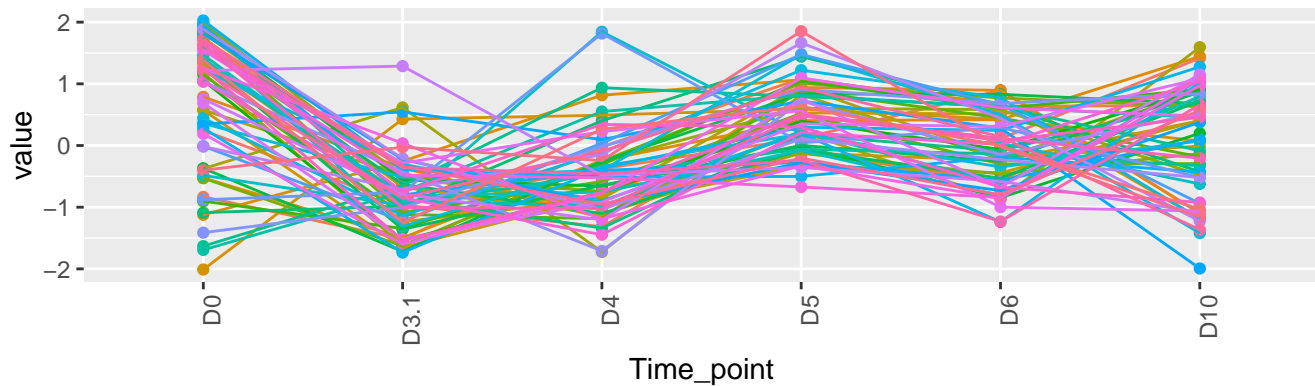
65 genes – WT-cluster-274-standardized



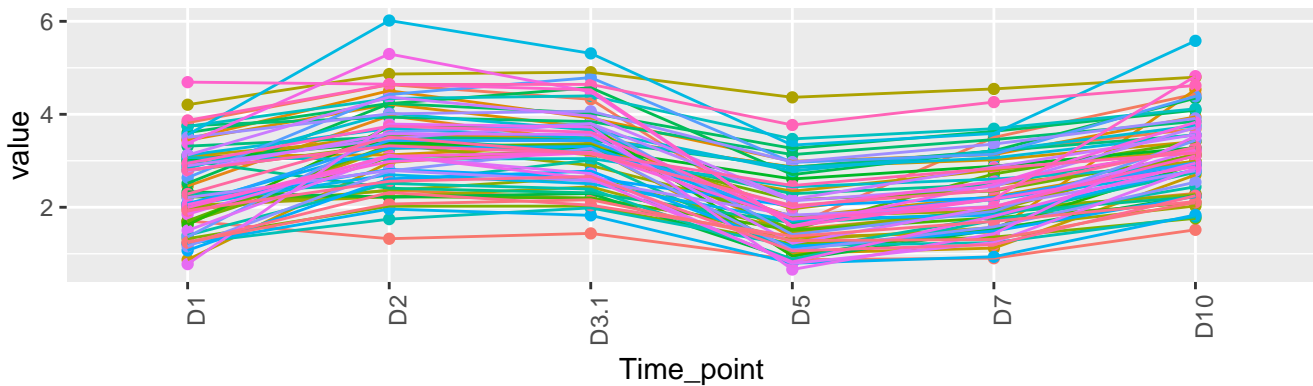
64 genes – KO-cluster-274-original



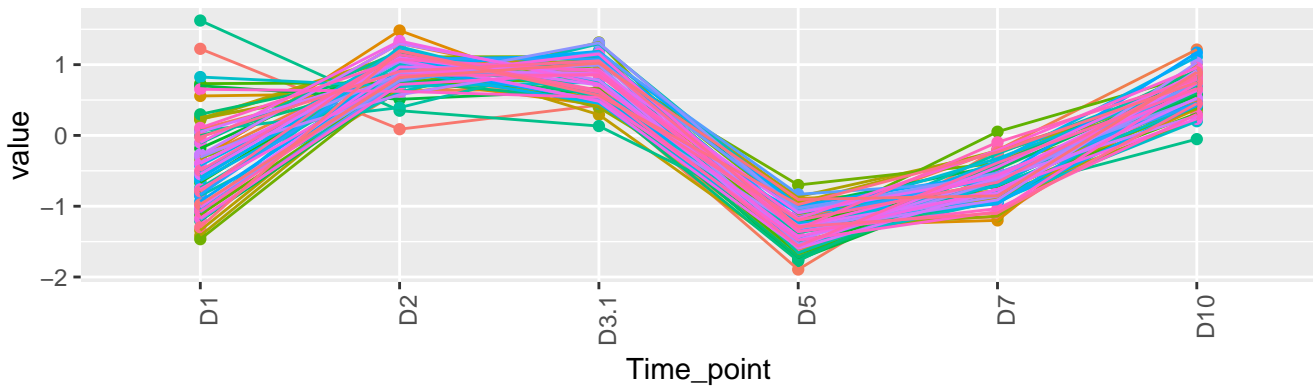
64 genes – KO-cluster-274-standardized



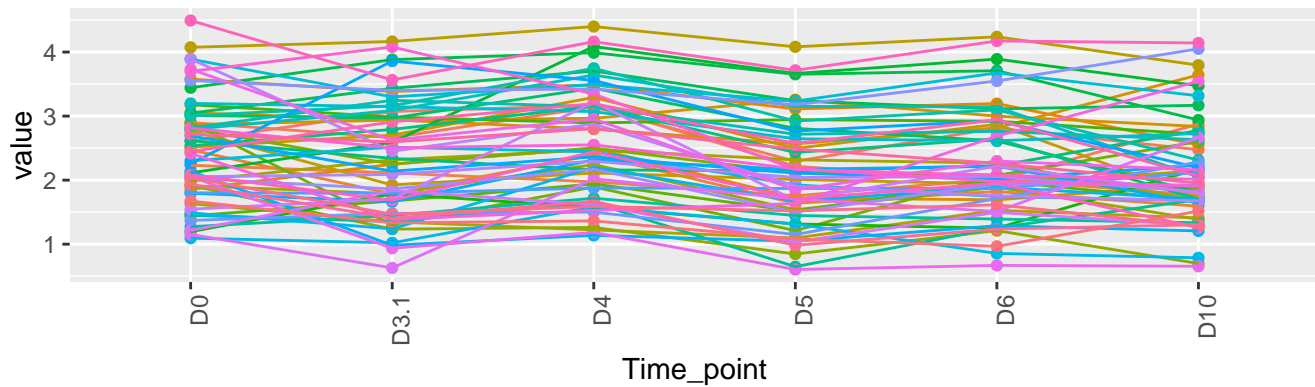
65 genes – WT-cluster-273-original



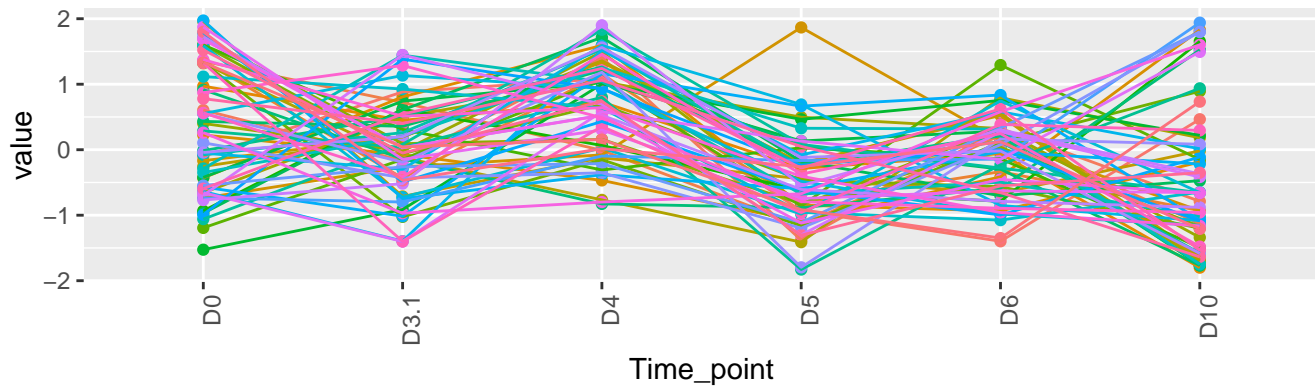
65 genes – WT-cluster-273-standardized



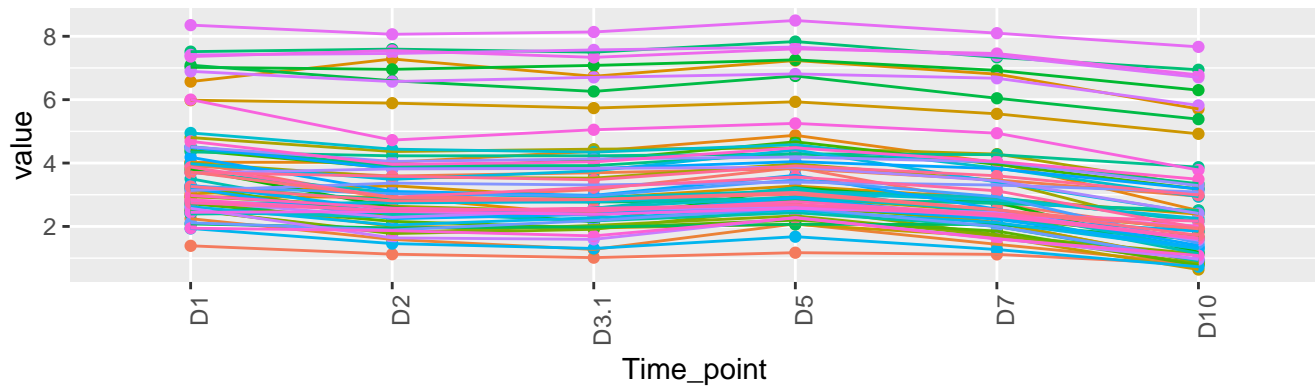
61 genes – KO-cluster-273-original



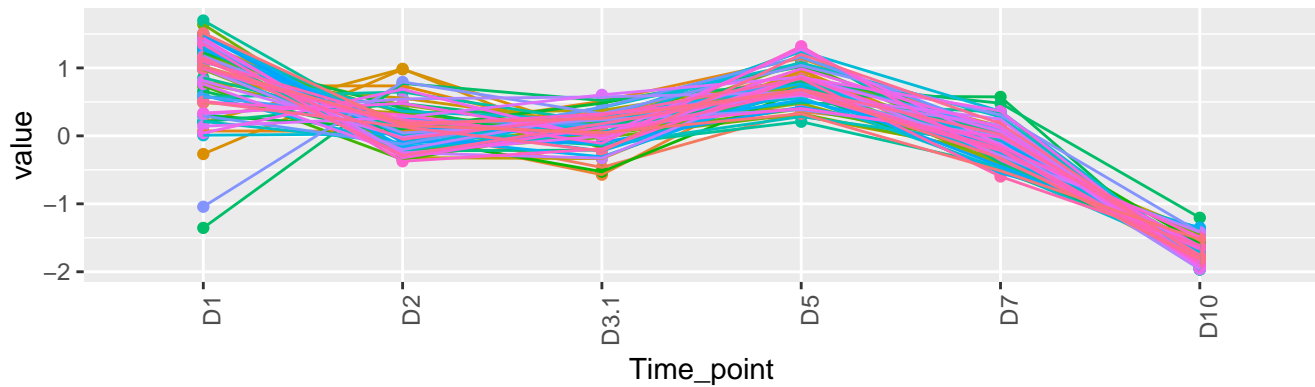
61 genes – KO-cluster-273-standardized



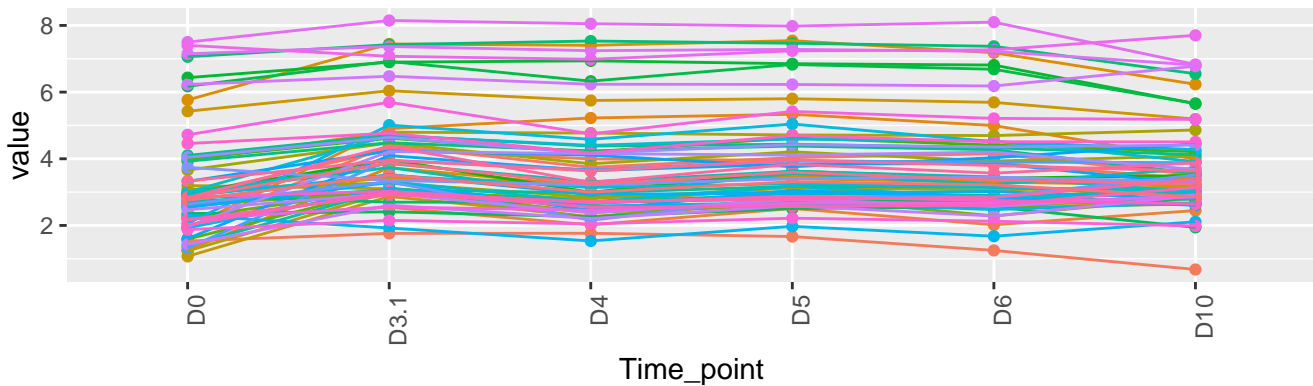
64 genes – WT-cluster-272-original



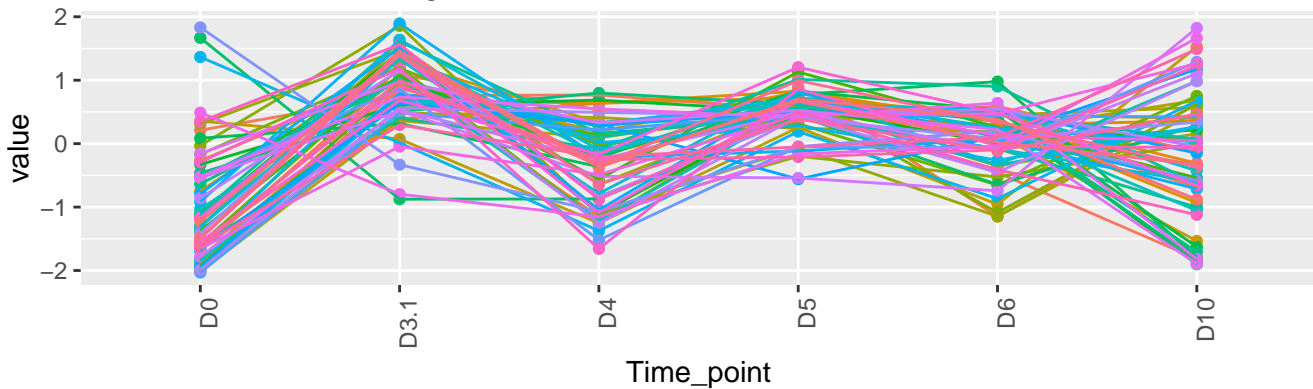
64 genes – WT-cluster-272-standardized



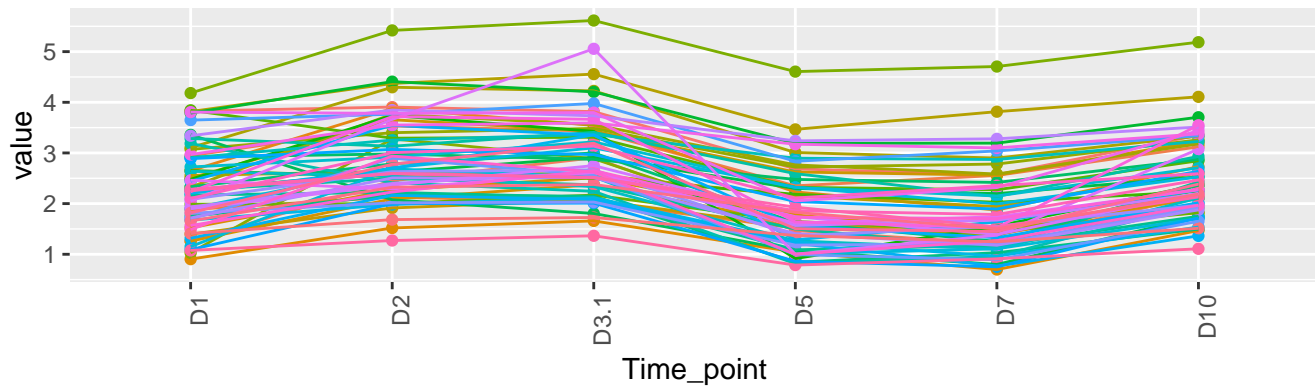
64 genes – KO-cluster-272-original



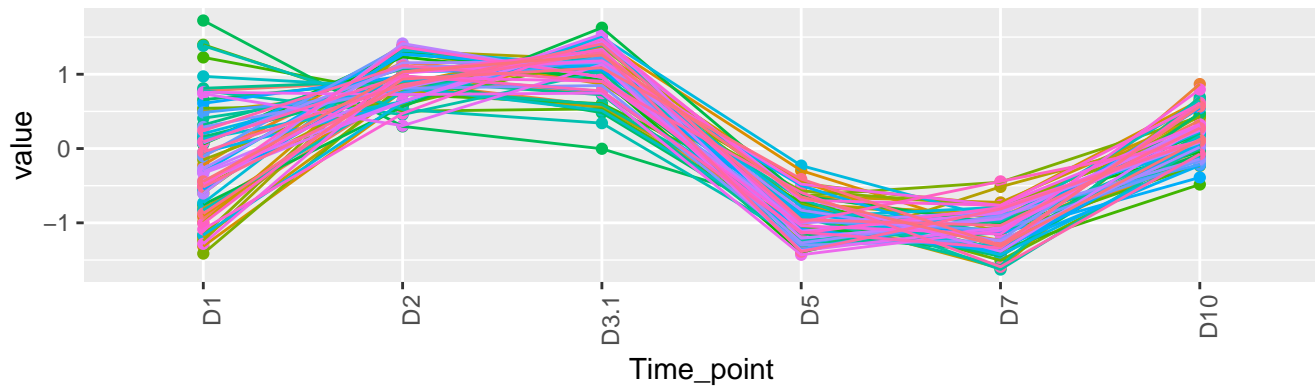
64 genes – KO-cluster-272-standardized



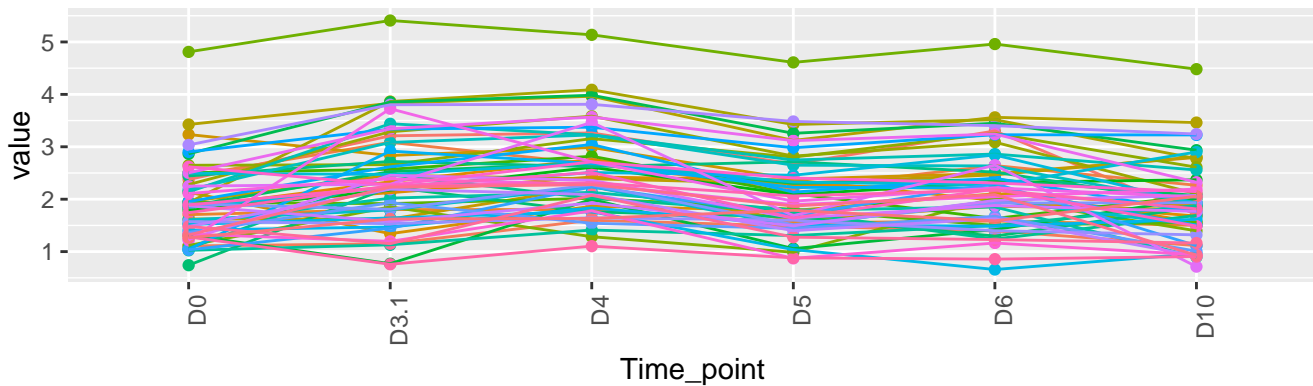
64 genes – WT-cluster-271-original



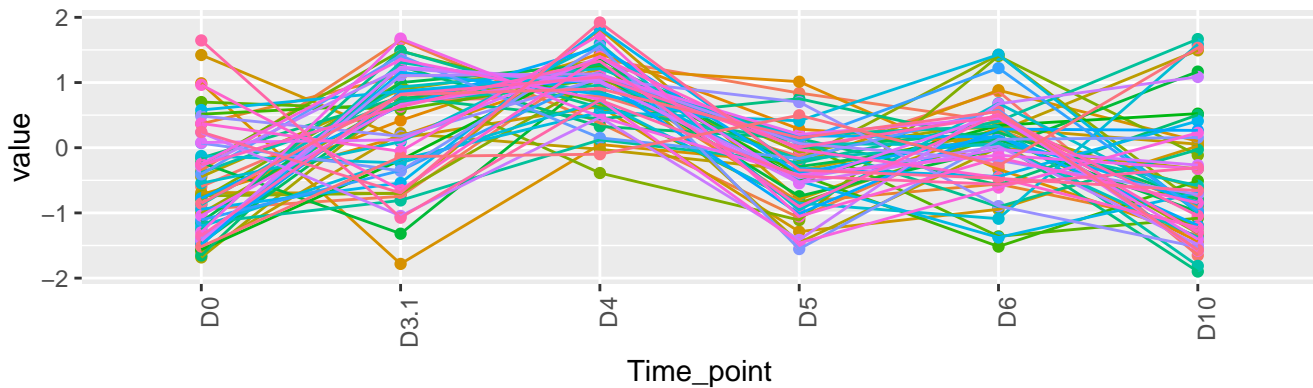
64 genes – WT-cluster-271-standardized



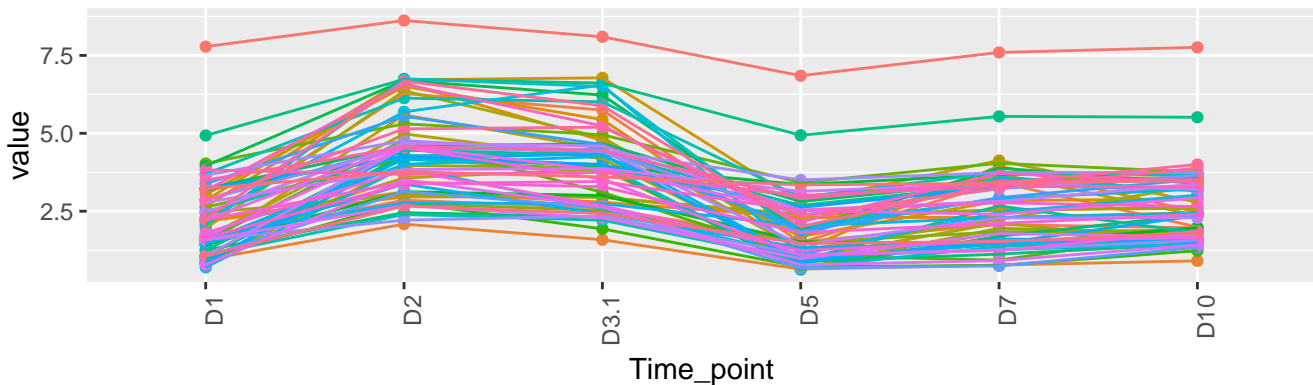
57 genes – KO-cluster-271-original



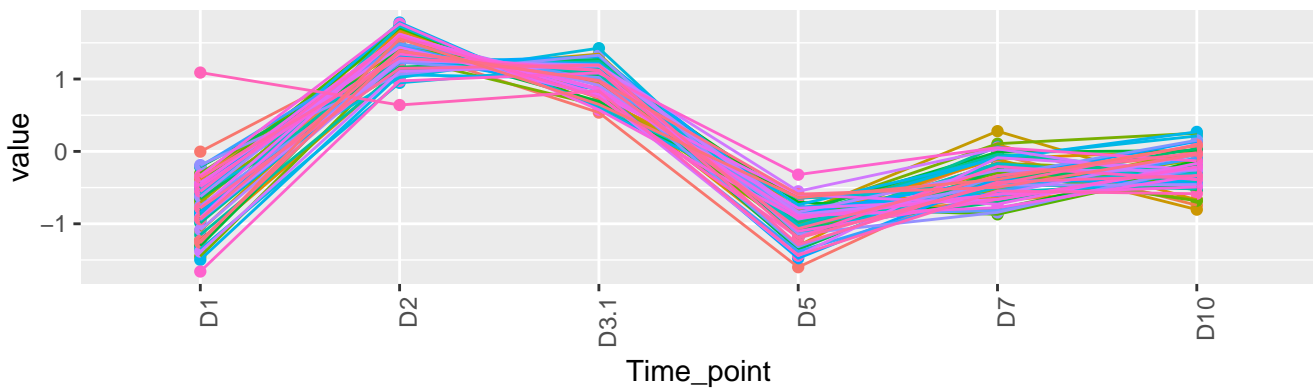
57 genes – KO-cluster-271-standardized



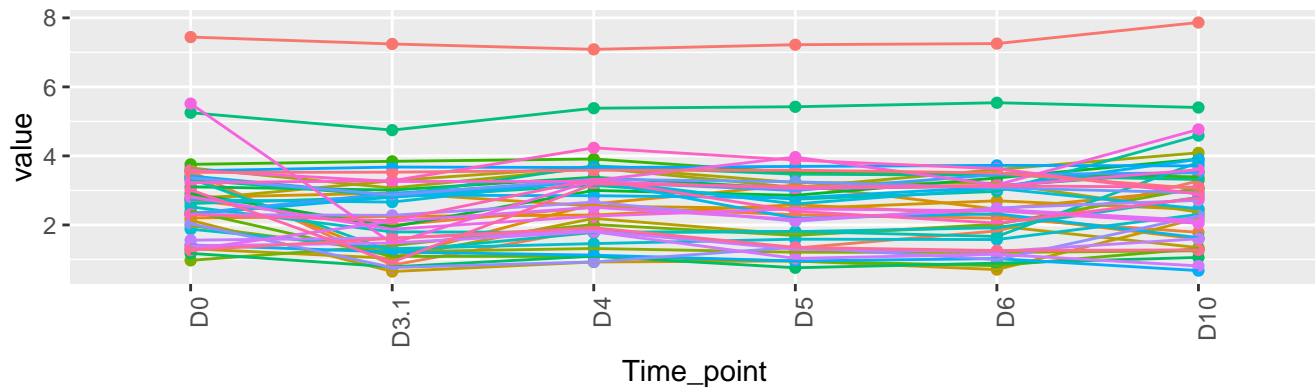
63 genes – WT-cluster-270-original



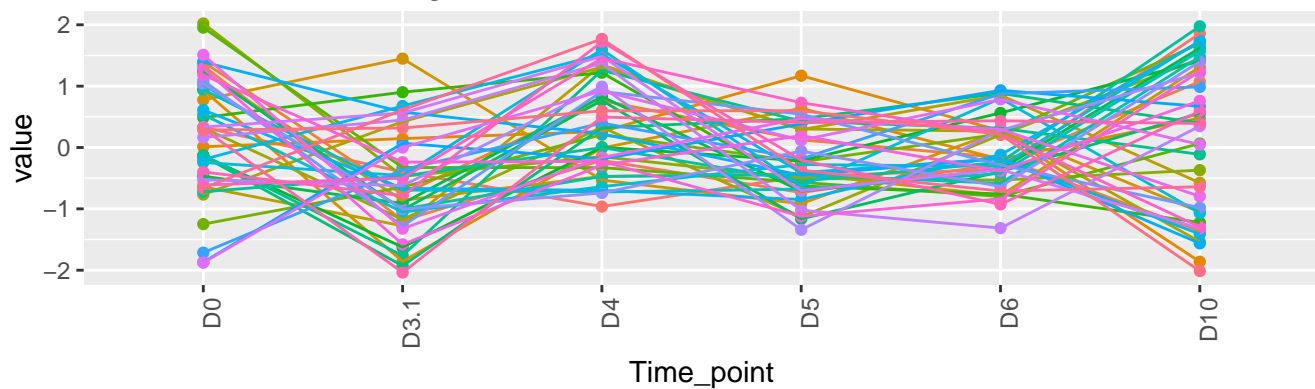
63 genes – WT-cluster-270-standardized



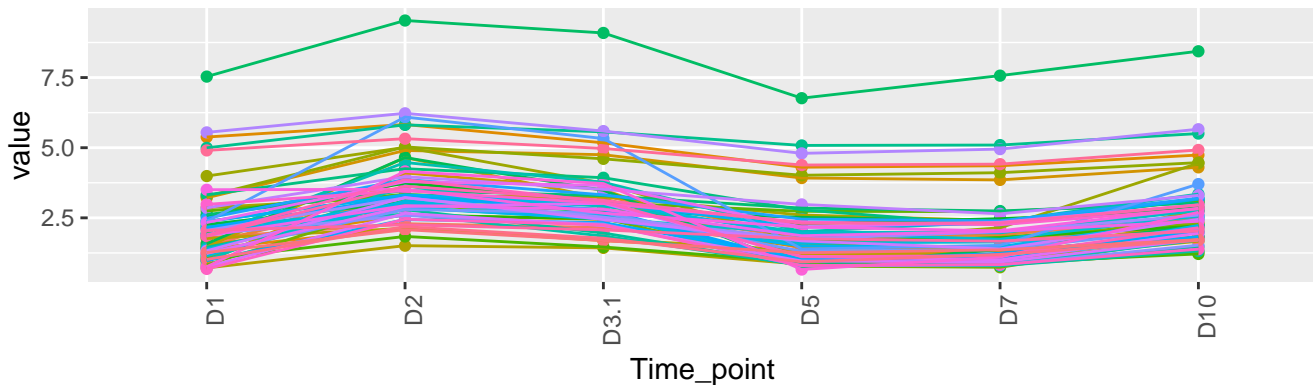
43 genes – KO-cluster-270-original



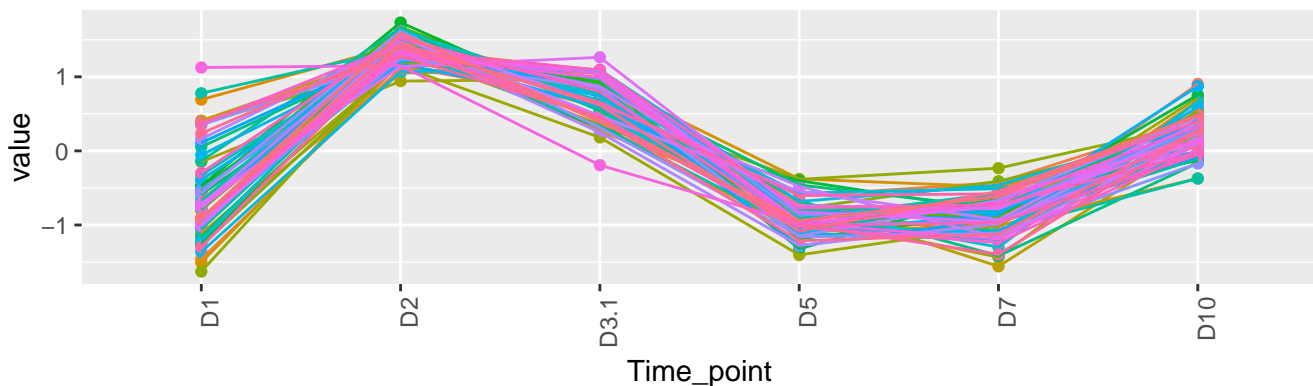
43 genes – KO-cluster-270-standardized



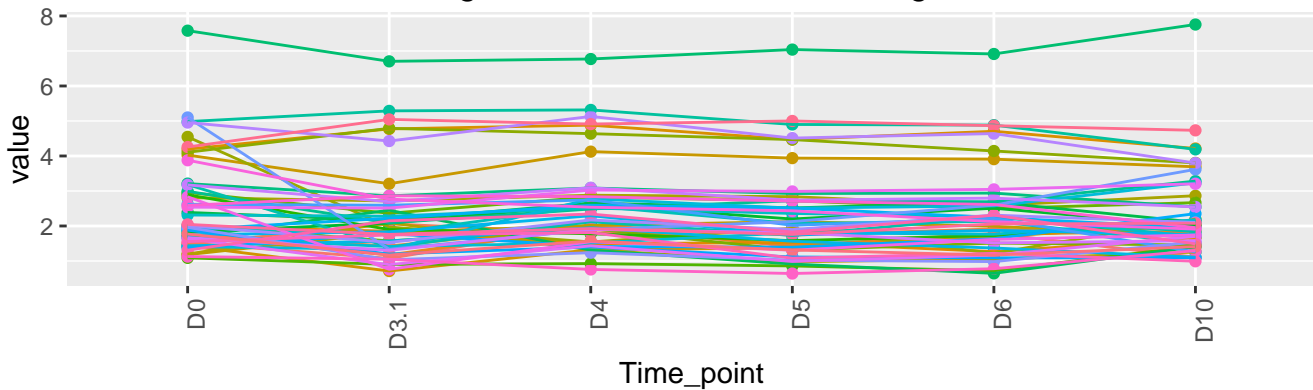
62 genes – WT-cluster-269-original



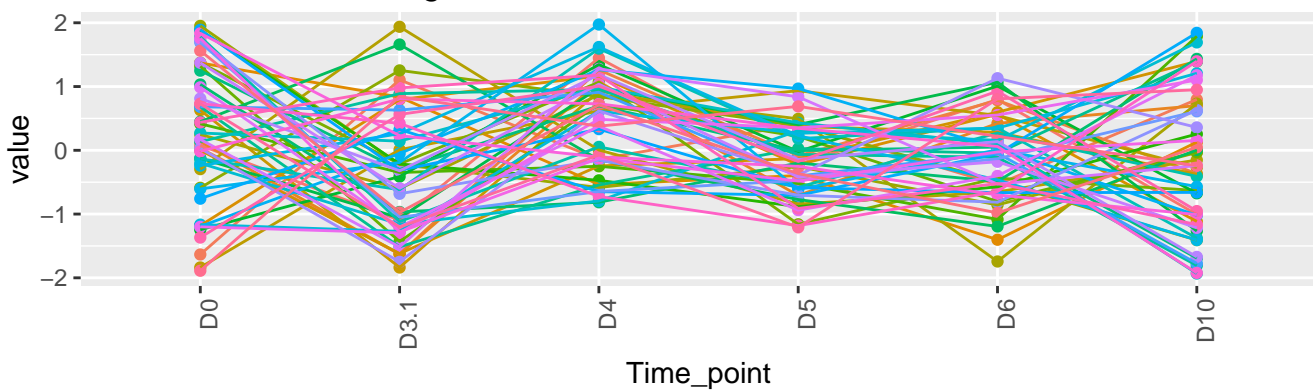
62 genes – WT-cluster-269-standardized



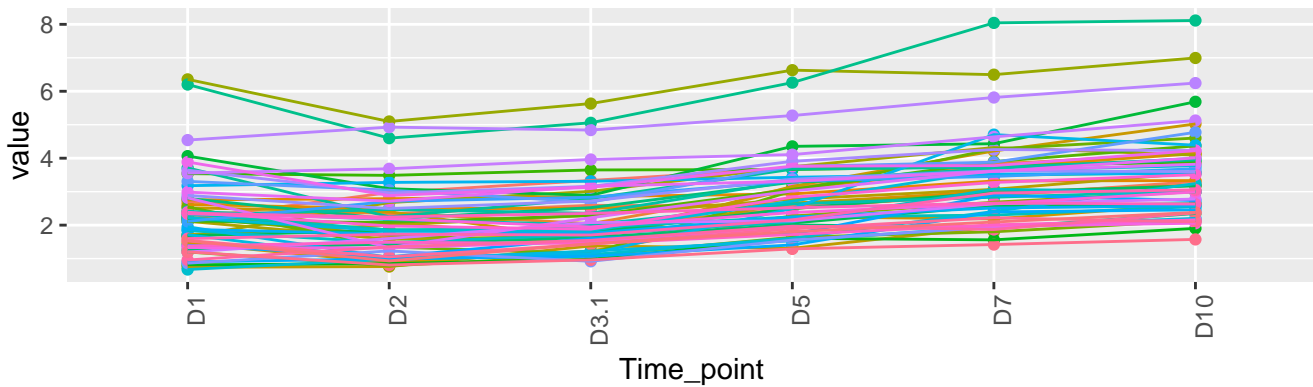
52 genes – KO-cluster-269-original



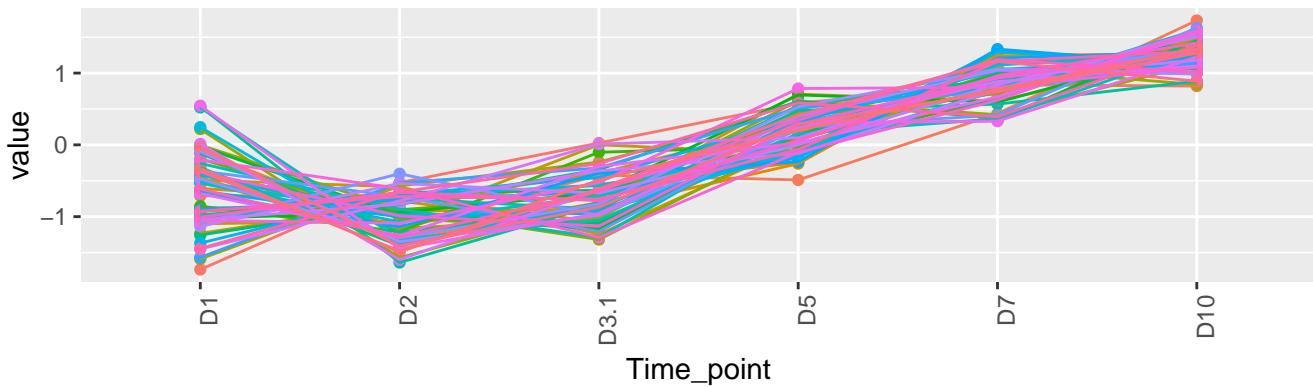
52 genes – KO-cluster-269-standardized



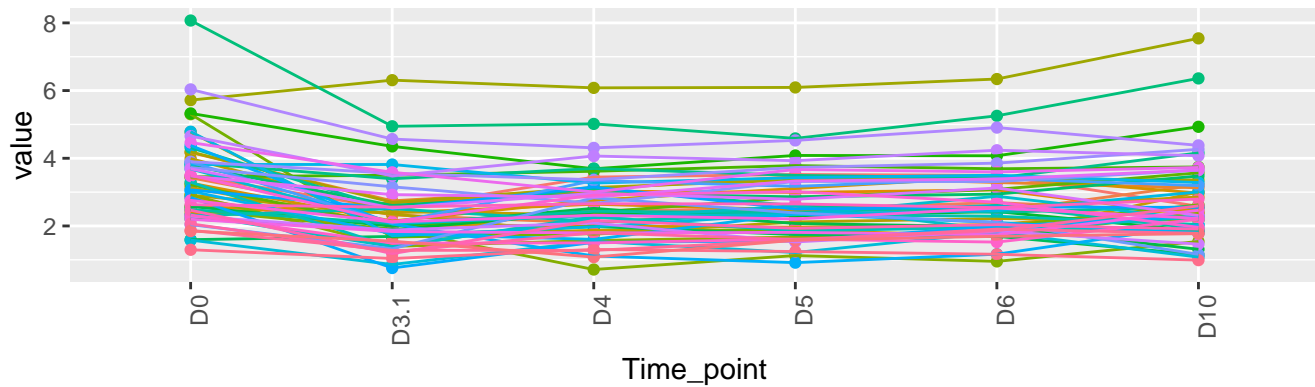
60 genes – WT-cluster-268-original



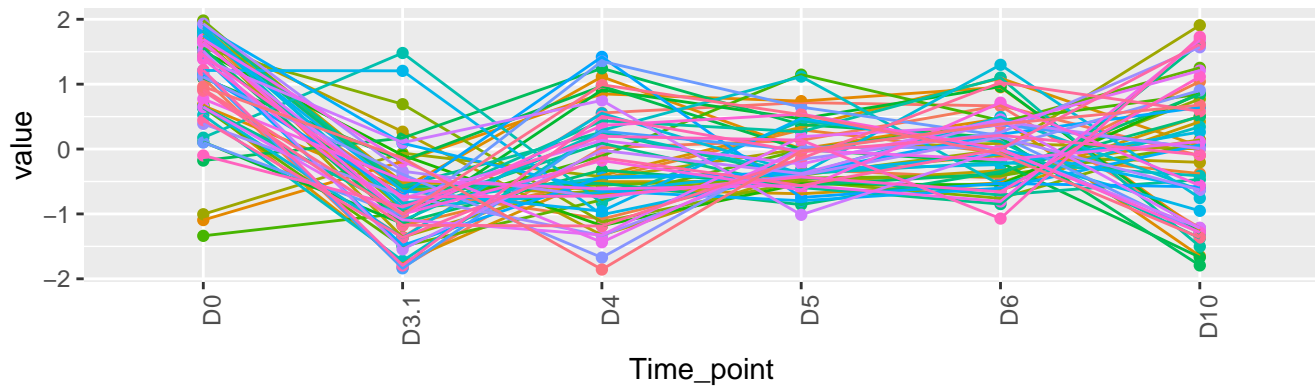
60 genes – WT-cluster-268-standardized



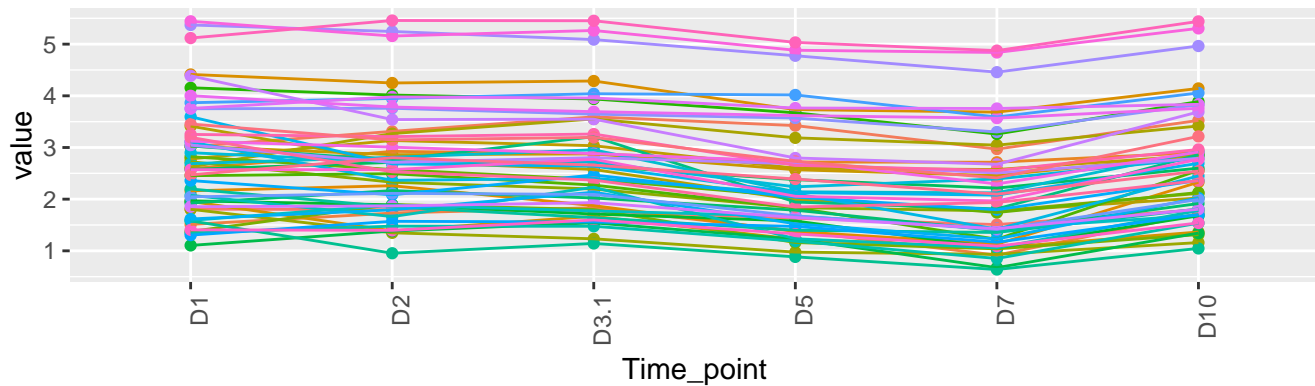
58 genes – KO-cluster-268-original



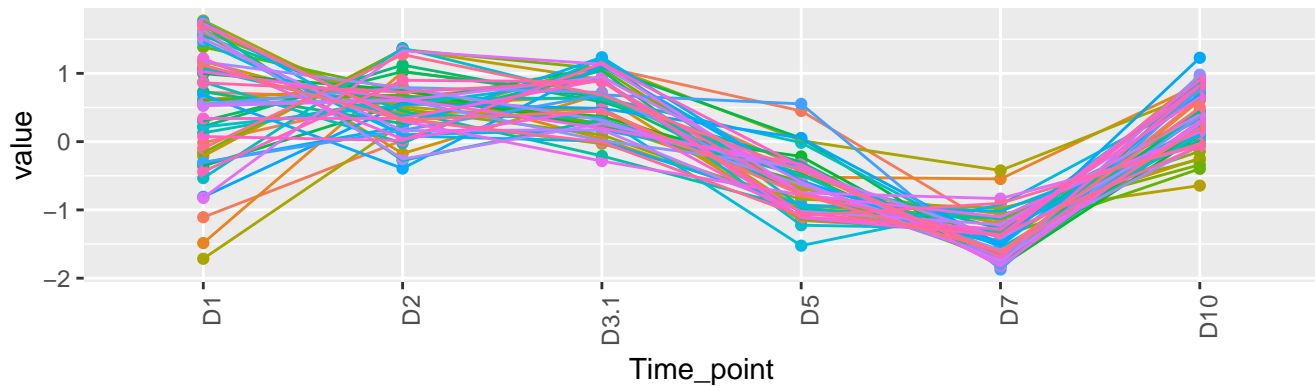
58 genes – KO-cluster-268-standardized



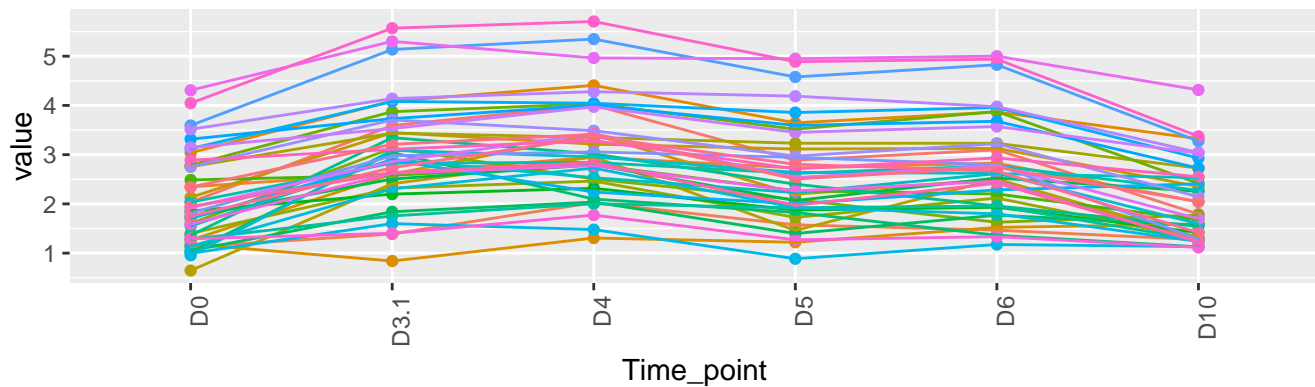
52 genes – WT-cluster-267-original



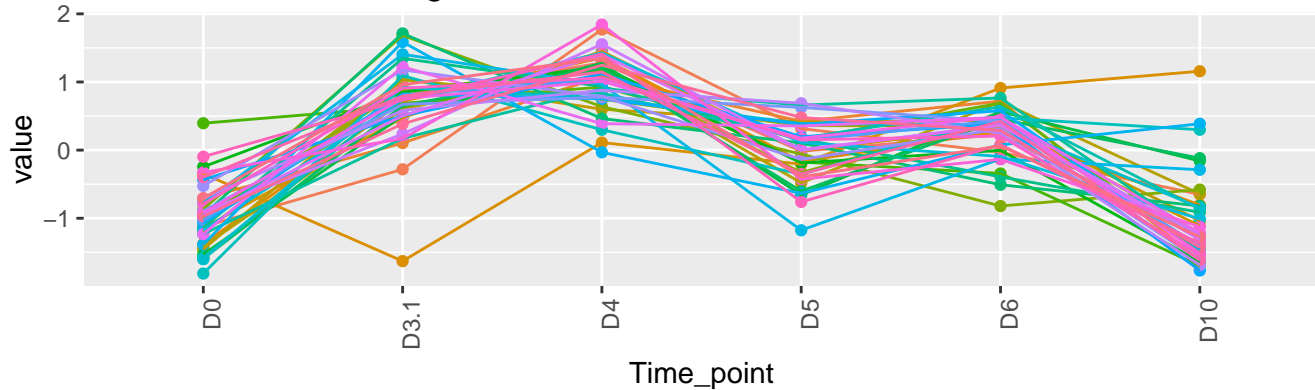
52 genes – WT-cluster-267-standardized



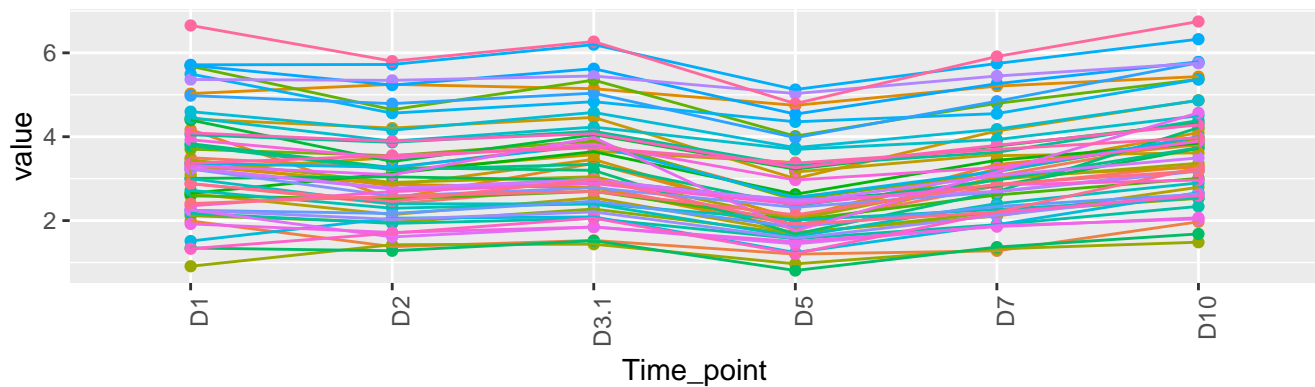
41 genes – KO-cluster-267-original



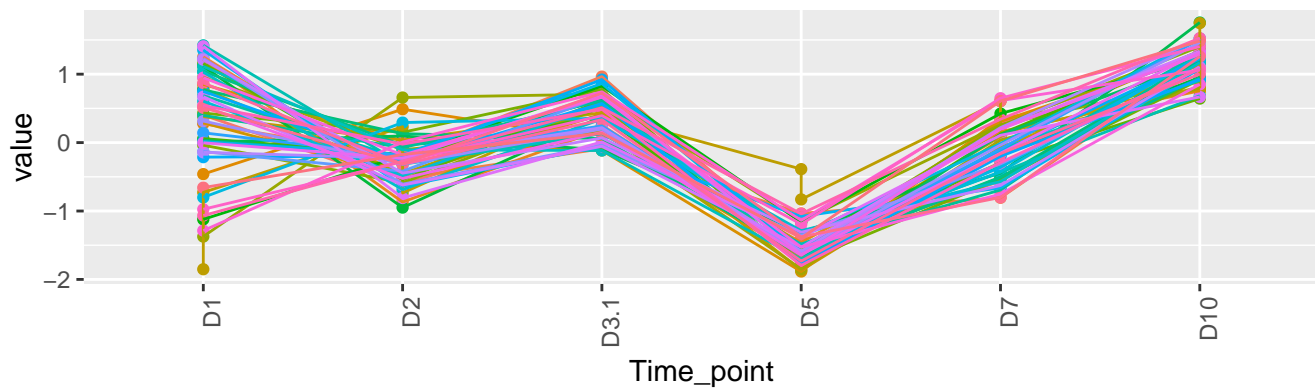
41 genes – KO-cluster-267-standardized



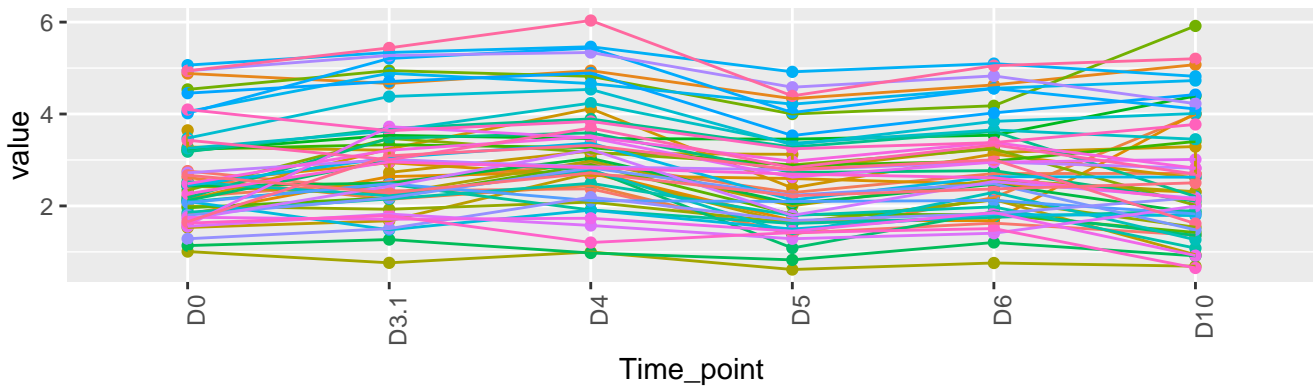
52 genes – WT-cluster-266-original



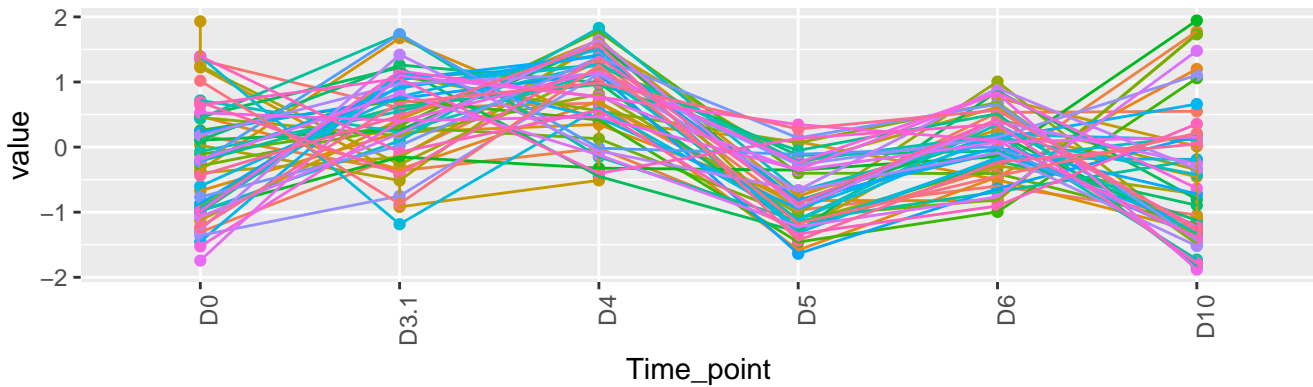
52 genes – WT-cluster-266-standardized



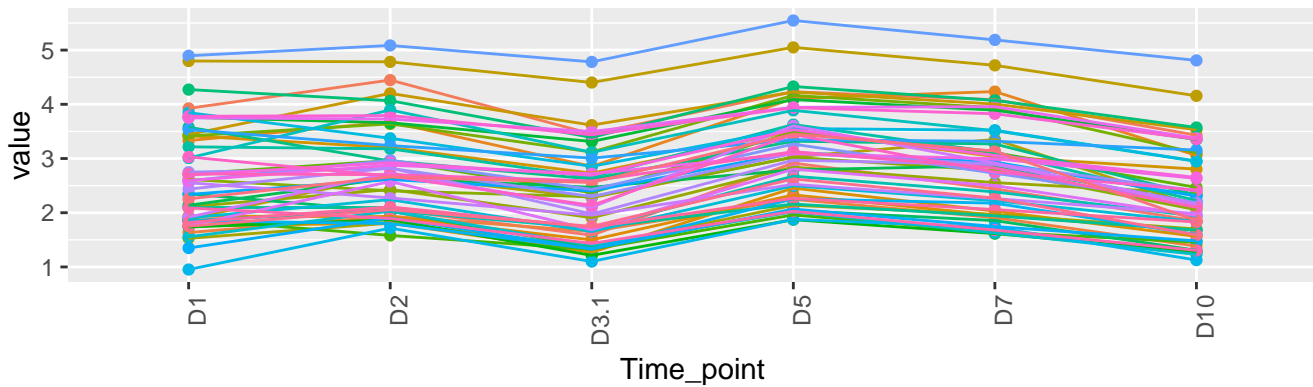
51 genes – KO-cluster-266-original



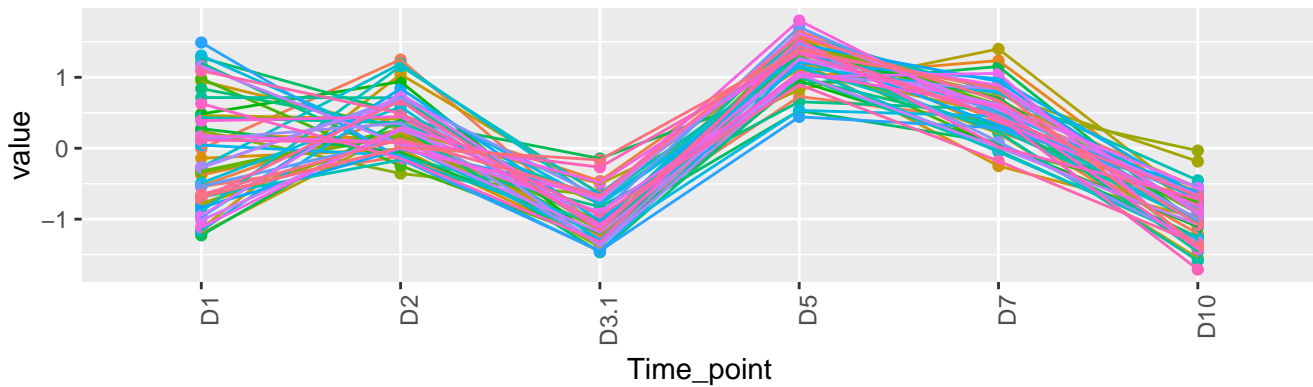
51 genes – KO-cluster-266-standardized



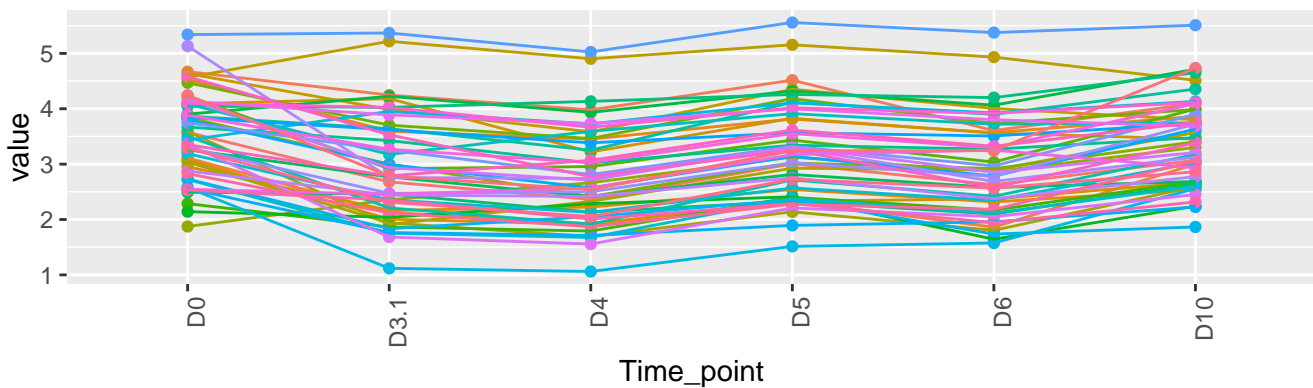
51 genes – WT-cluster-265-original



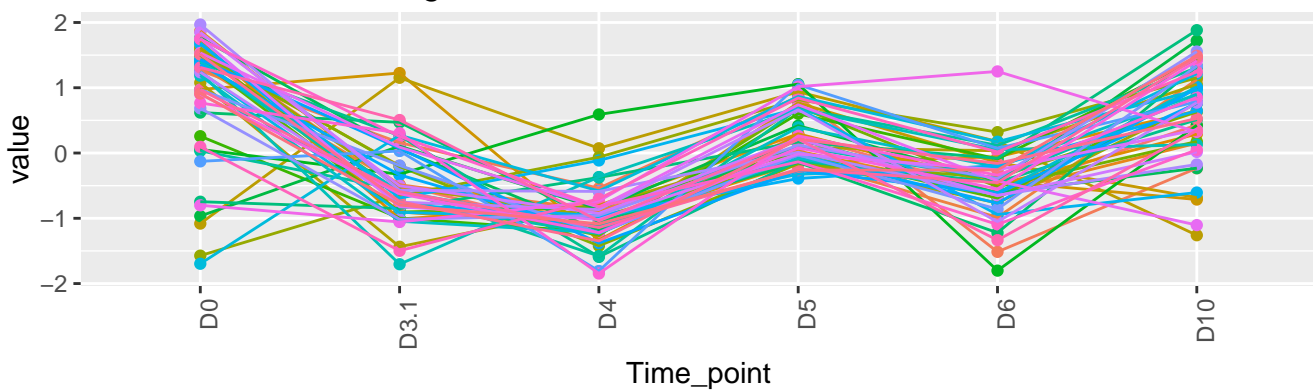
51 genes – WT-cluster-265-standardized



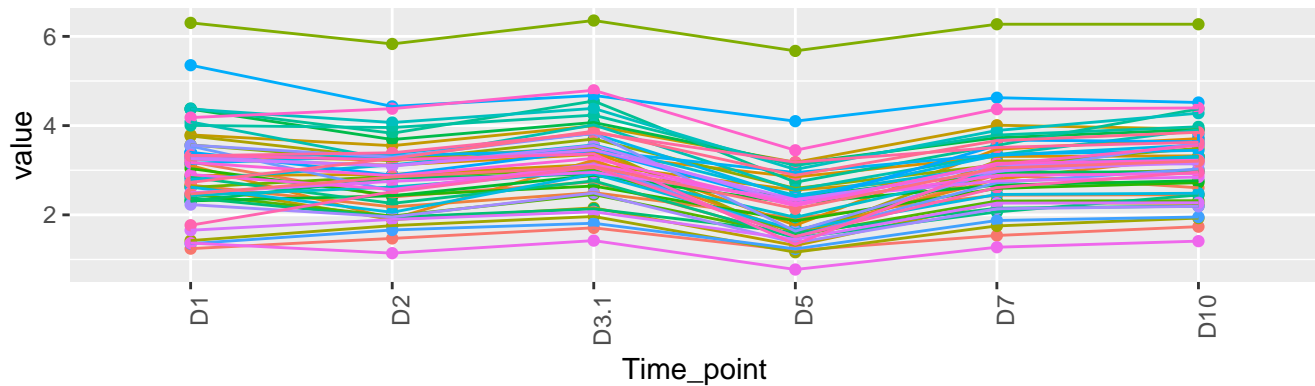
50 genes – KO-cluster-265-original



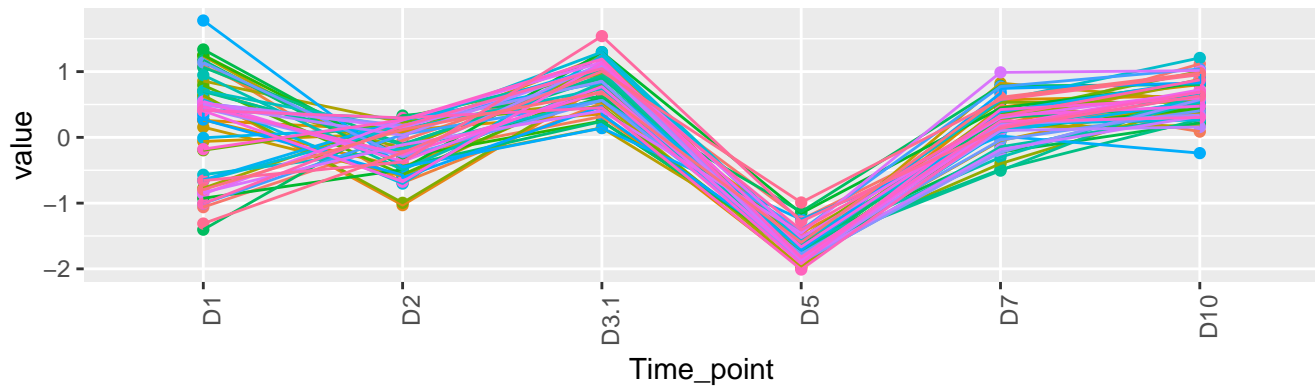
50 genes – KO-cluster-265-standardized



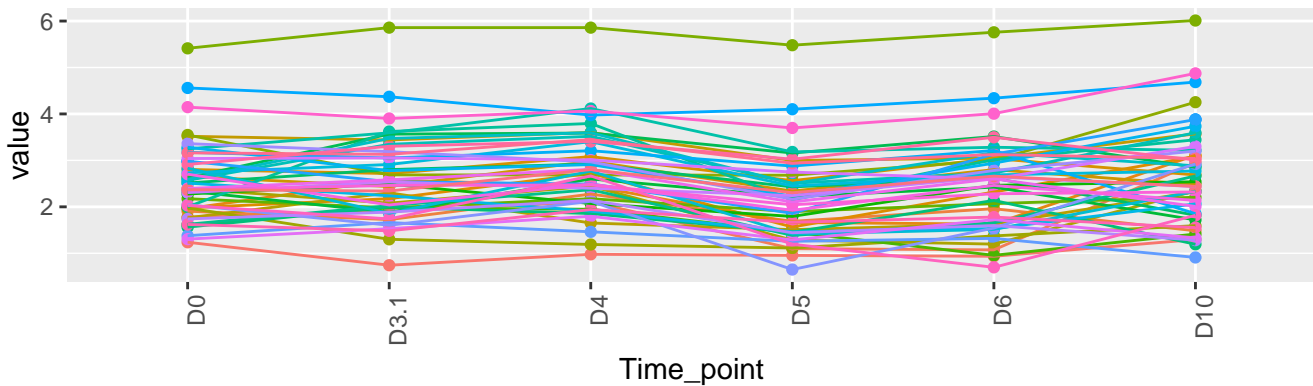
51 genes – WT-cluster-264-original



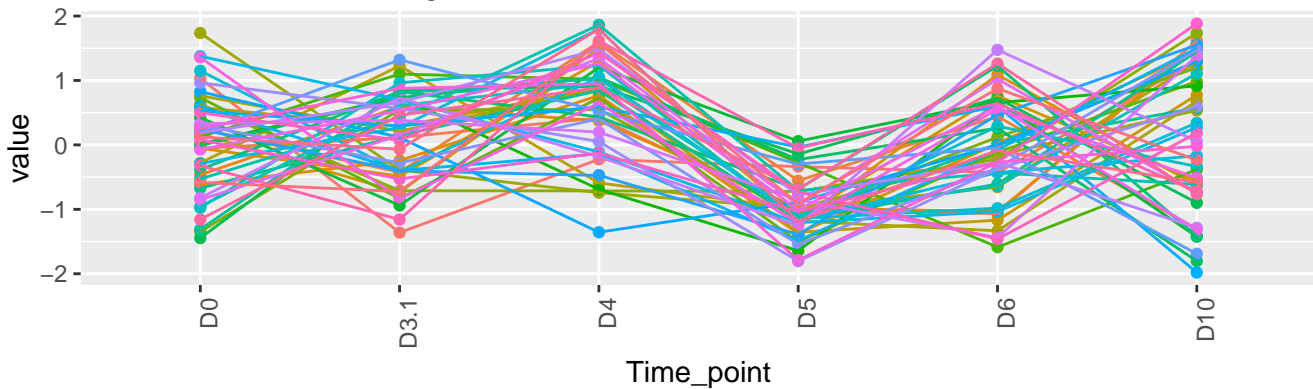
51 genes – WT-cluster-264-standardized



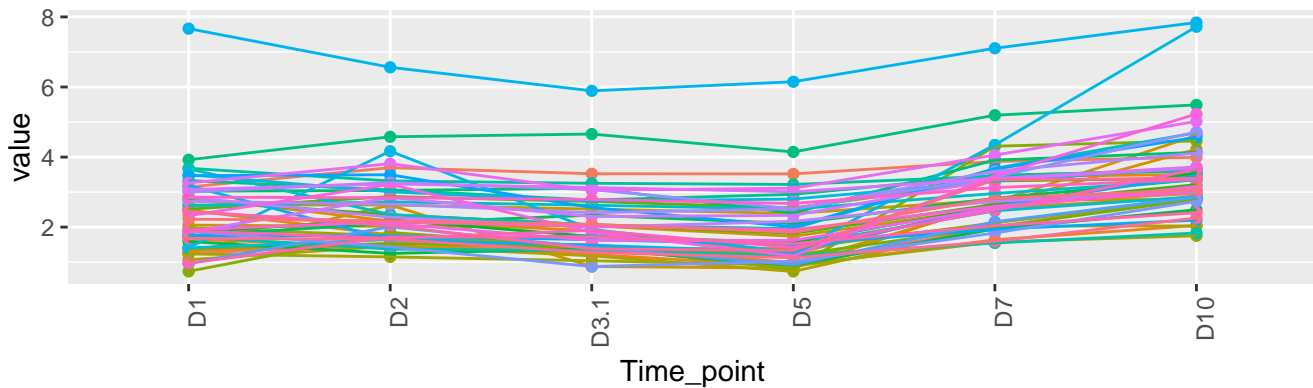
50 genes – KO-cluster-264-original



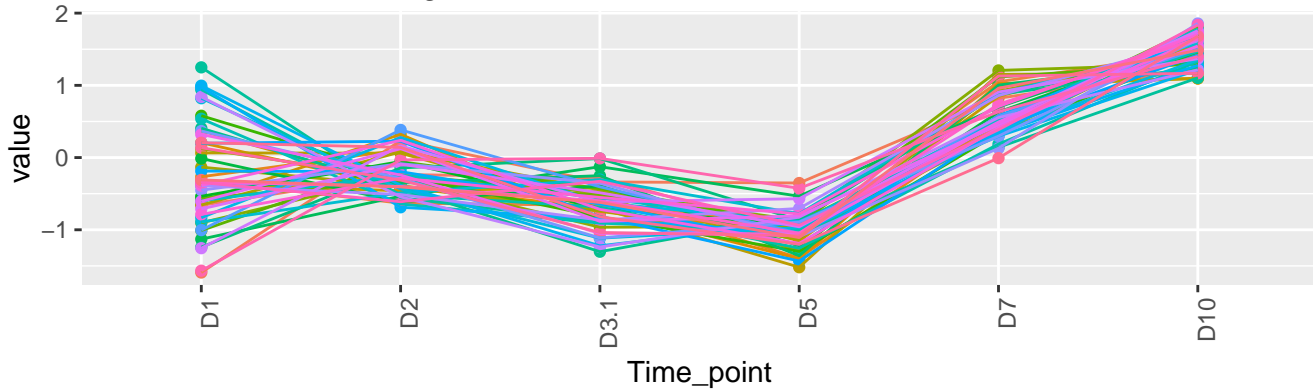
50 genes – KO-cluster-264-standardized



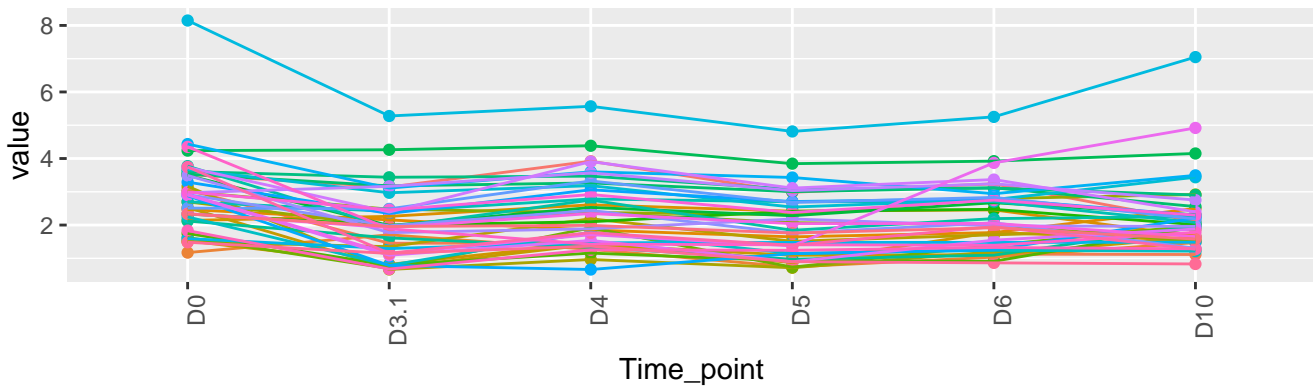
50 genes – WT-cluster-263-original



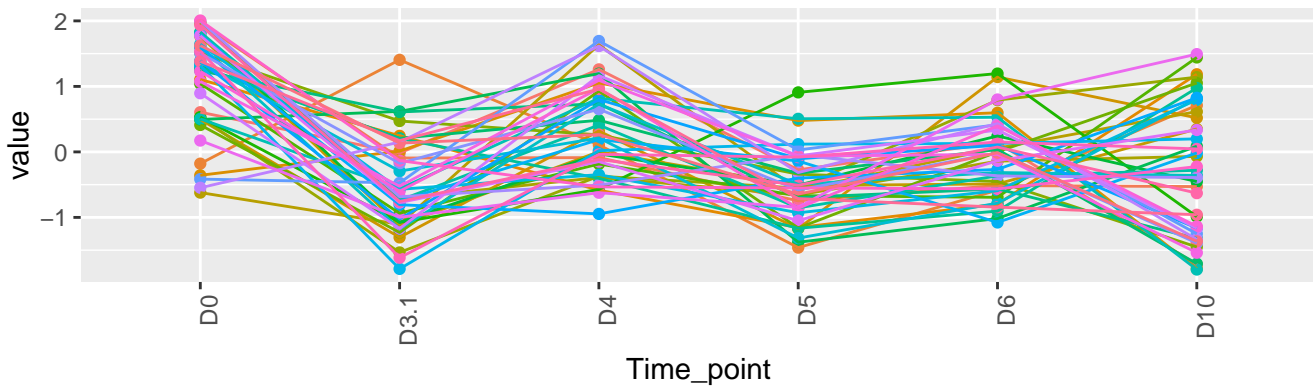
50 genes – WT-cluster-263-standardized



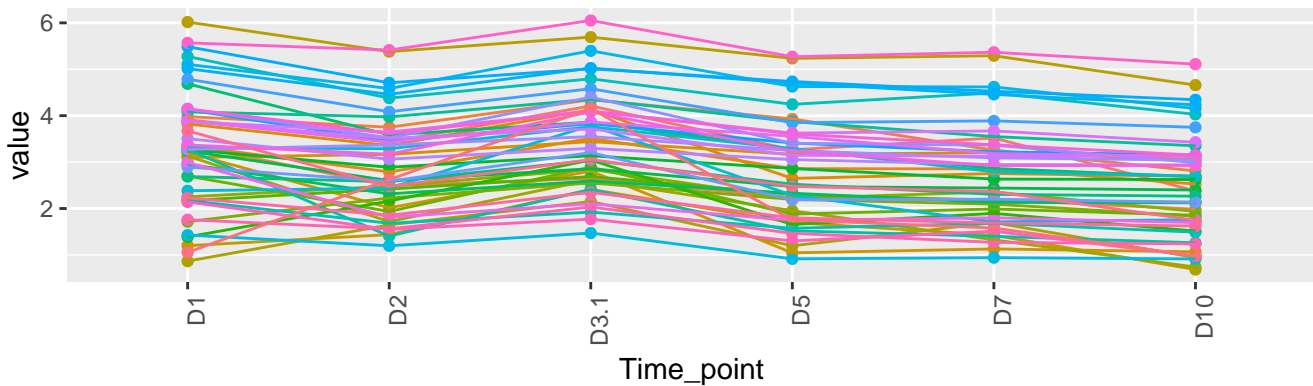
42 genes – KO-cluster-263-original



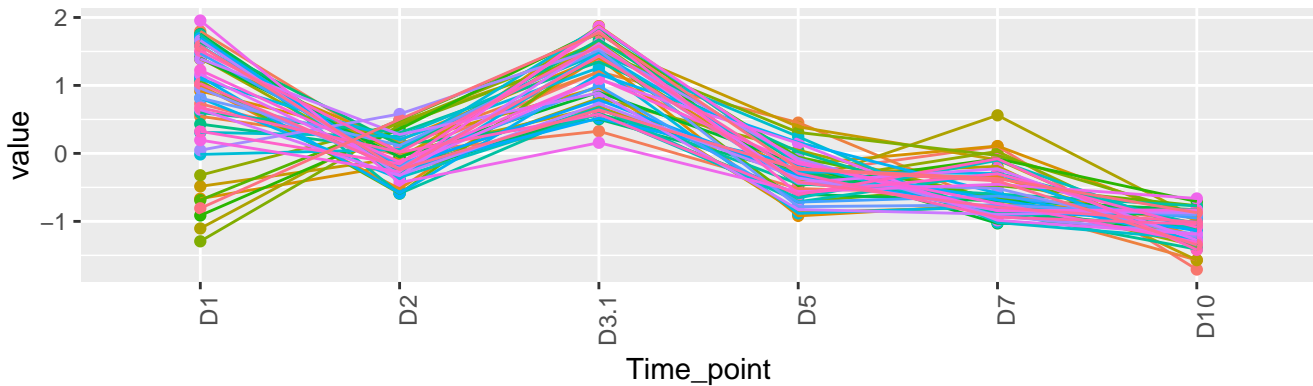
42 genes – KO-cluster-263-standardized



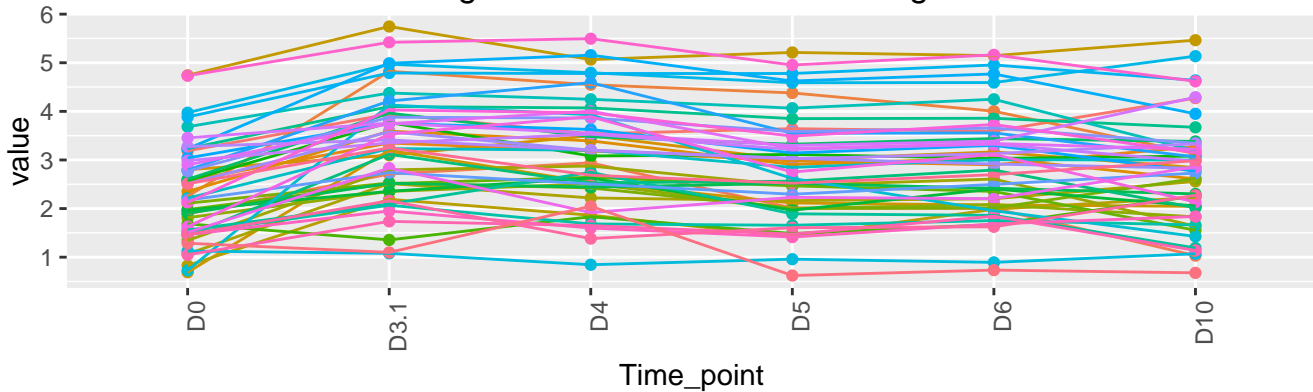
49 genes – WT-cluster-262-original



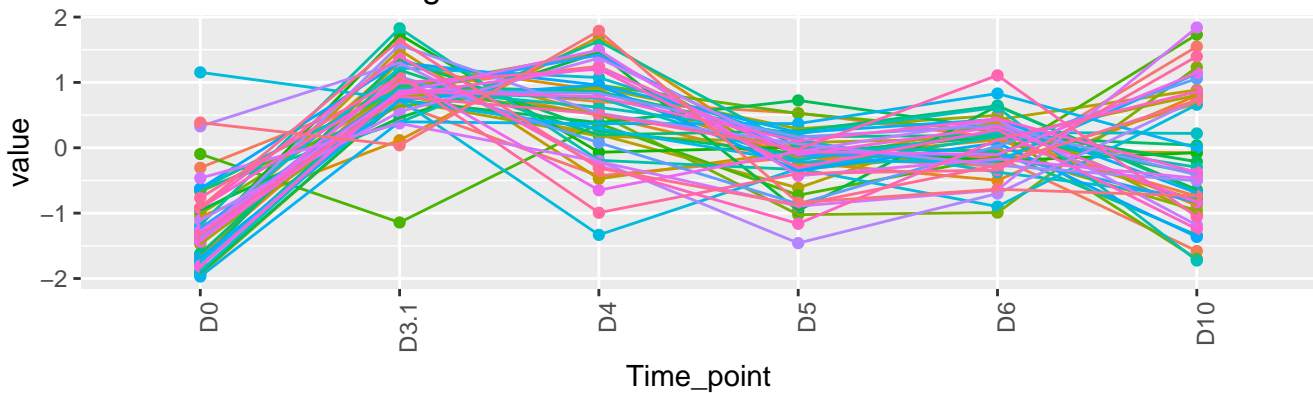
49 genes – WT-cluster-262-standardized



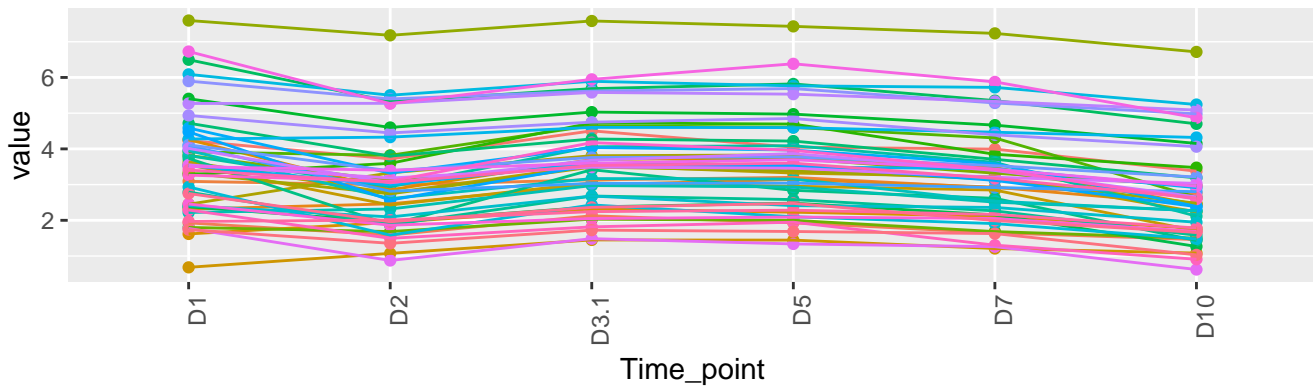
48 genes – KO-cluster-262-original



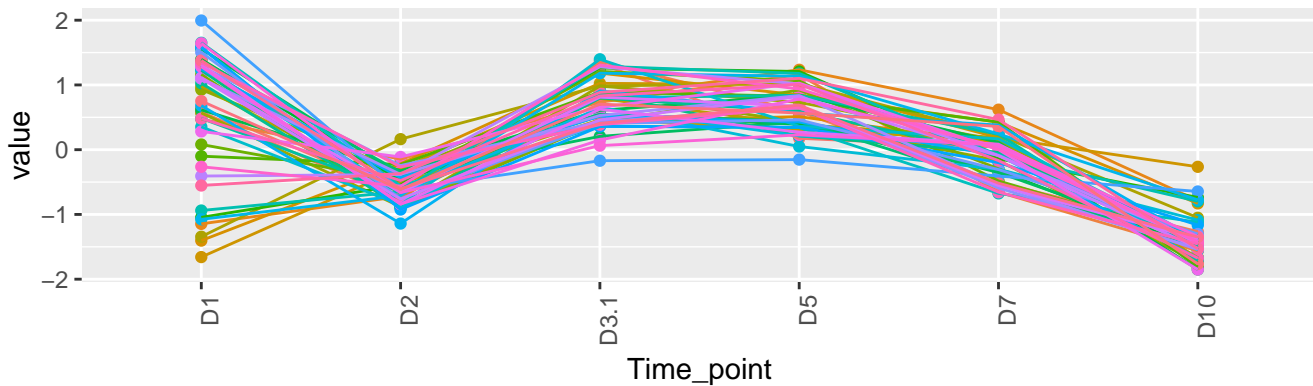
48 genes – KO-cluster-262-standardized



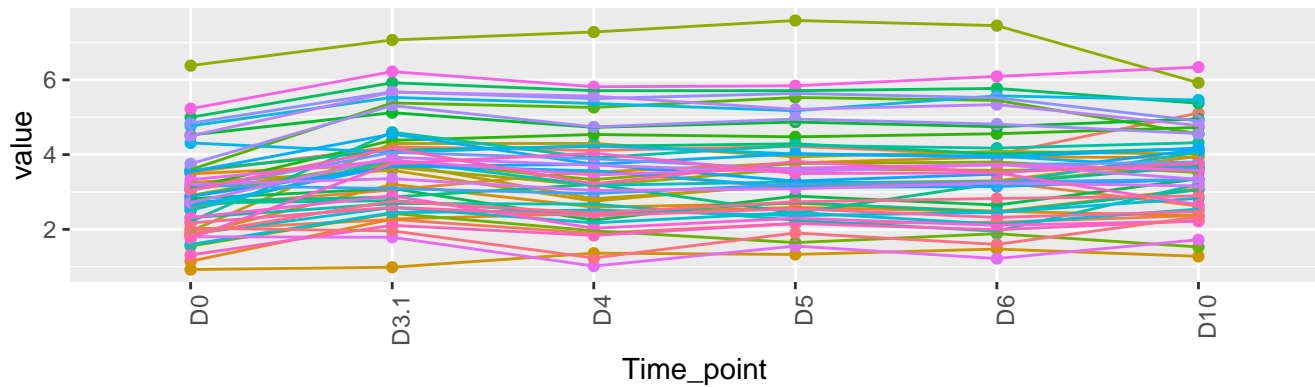
49 genes – WT-cluster-261-original



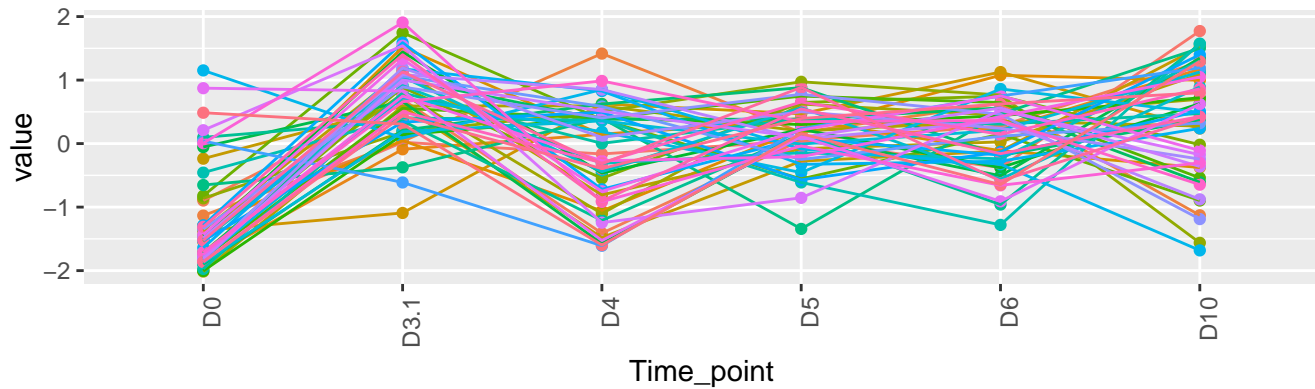
49 genes – WT-cluster-261-standardized



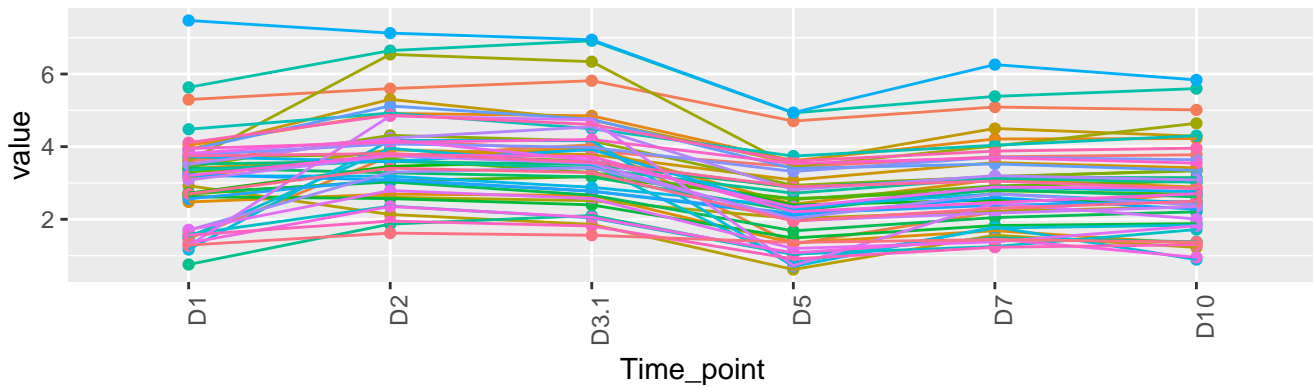
49 genes – KO-cluster-261-original



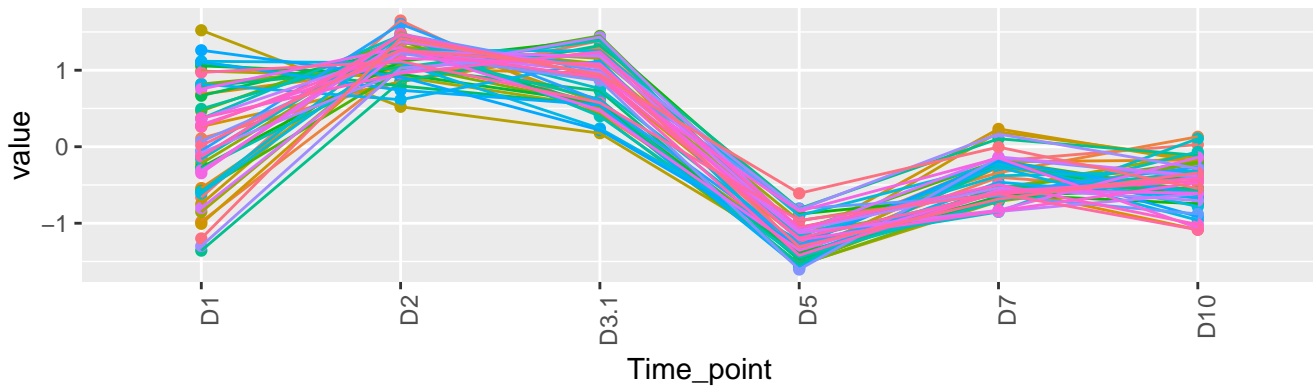
49 genes – KO-cluster-261-standardized



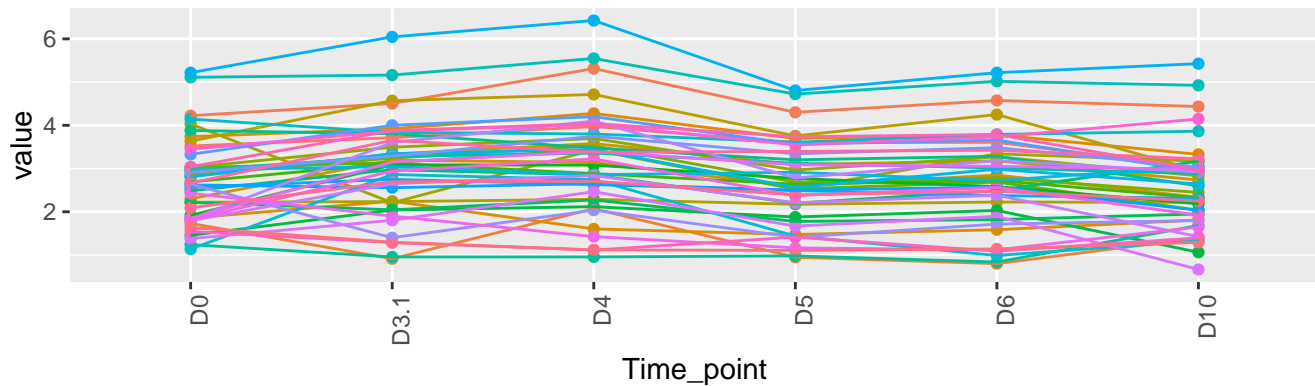
48 genes – WT-cluster-260-original



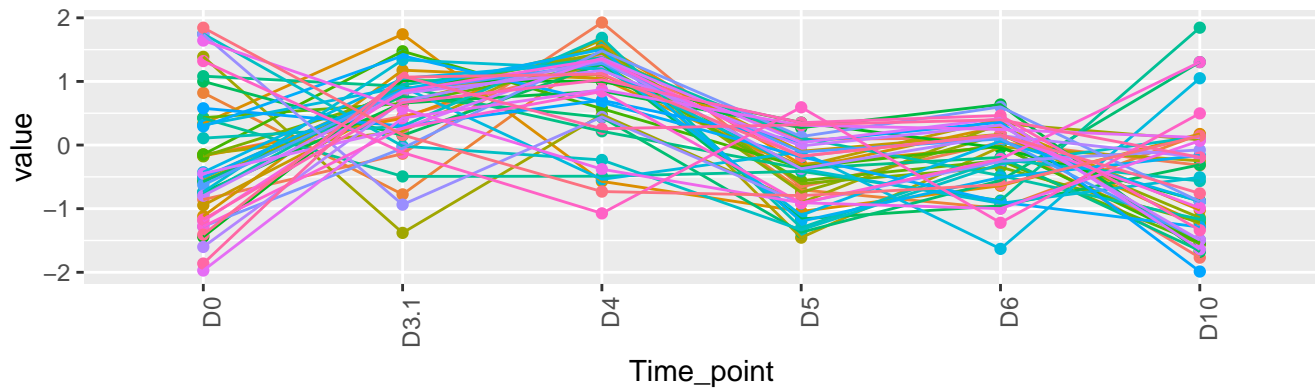
48 genes – WT-cluster-260-standardized



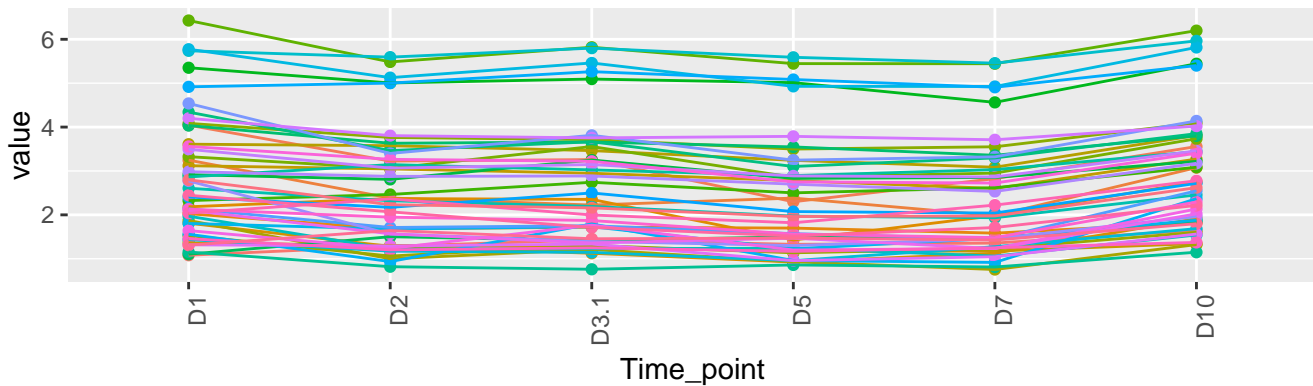
44 genes – KO-cluster-260-original



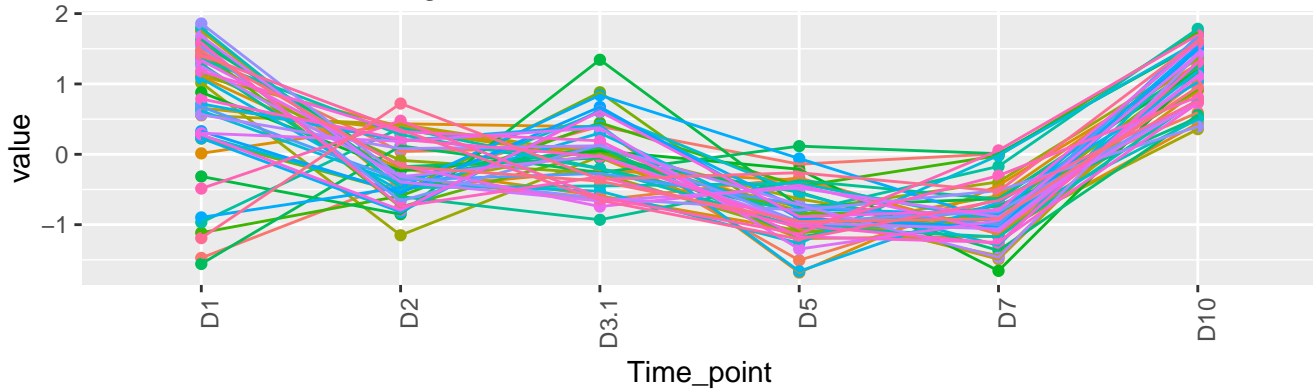
44 genes – KO-cluster-260-standardized



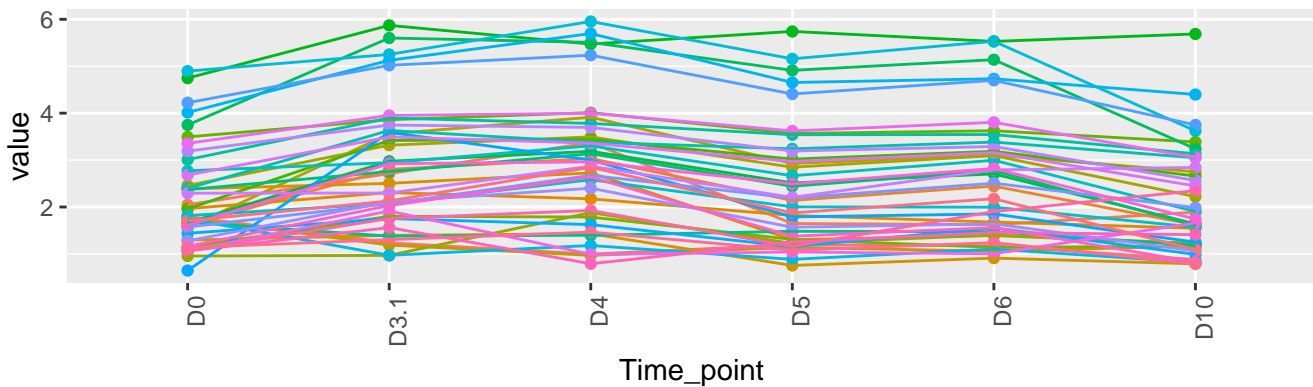
47 genes – WT-cluster-259-original



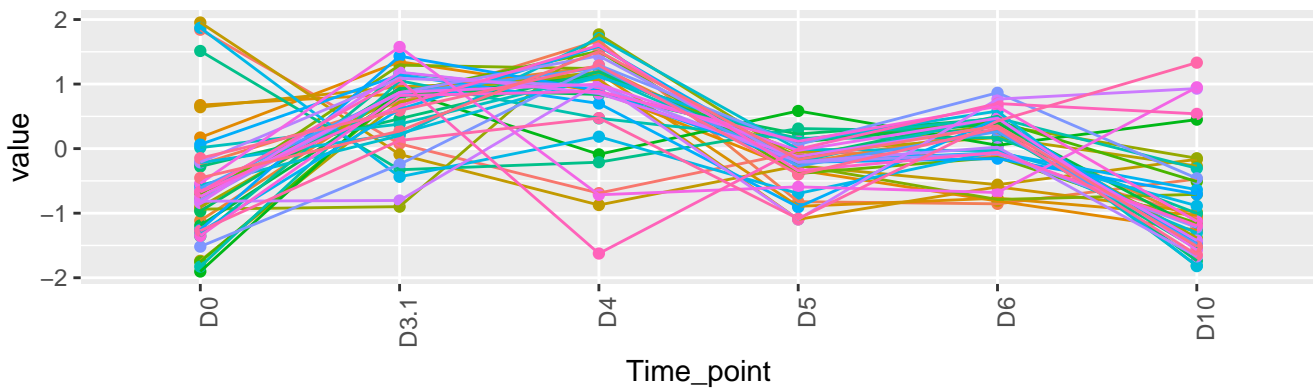
47 genes – WT-cluster-259-standardized



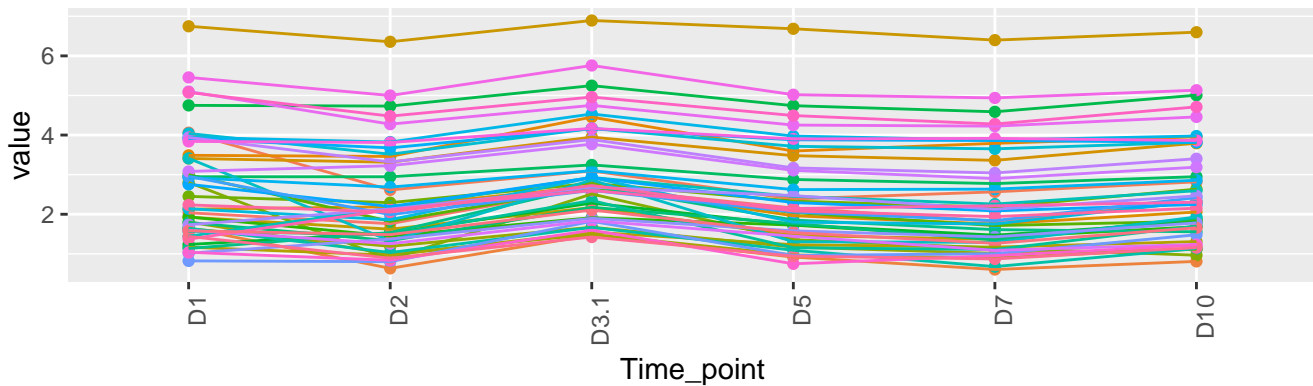
41 genes – KO-cluster-259-original



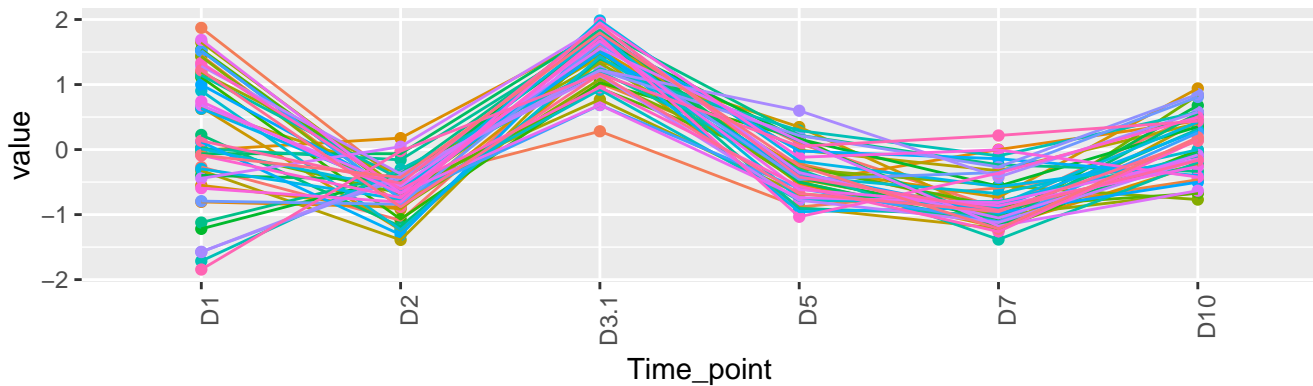
41 genes – KO-cluster-259-standardized



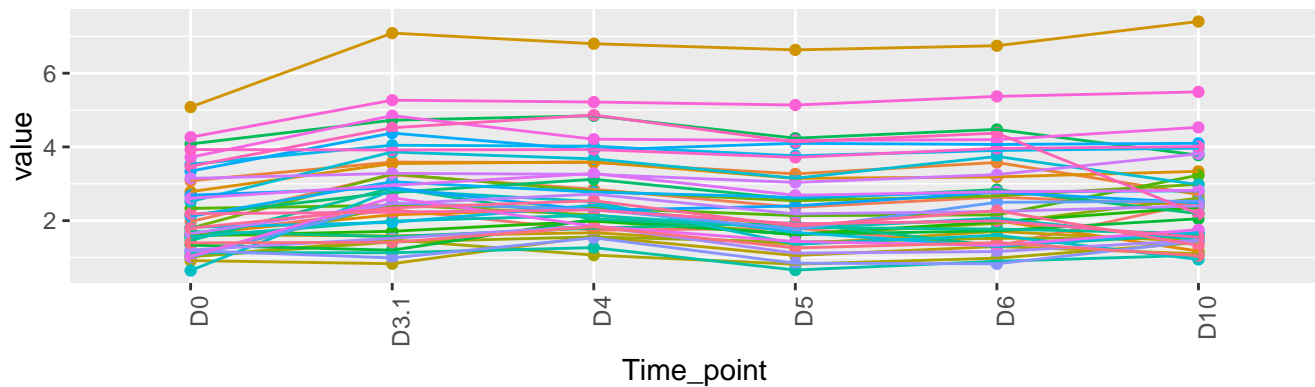
46 genes – WT-cluster-258-original



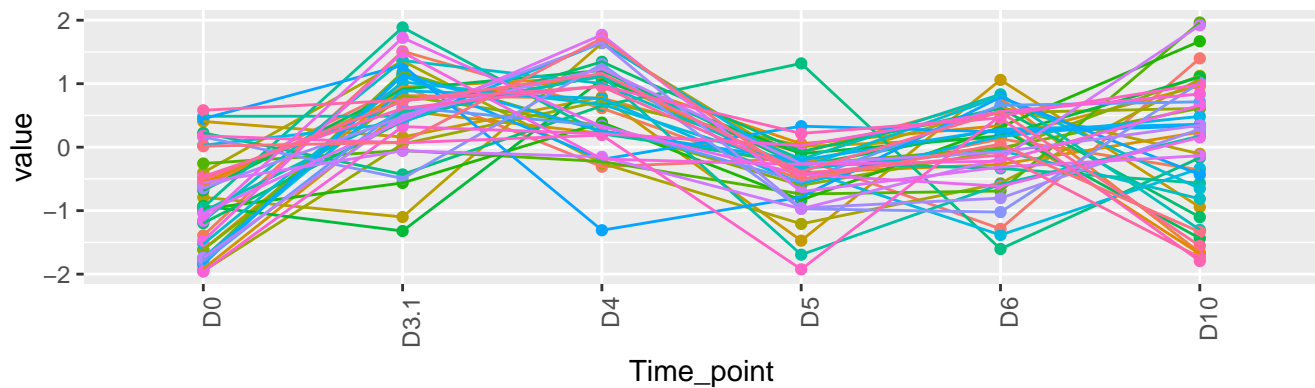
46 genes – WT-cluster-258-standardized



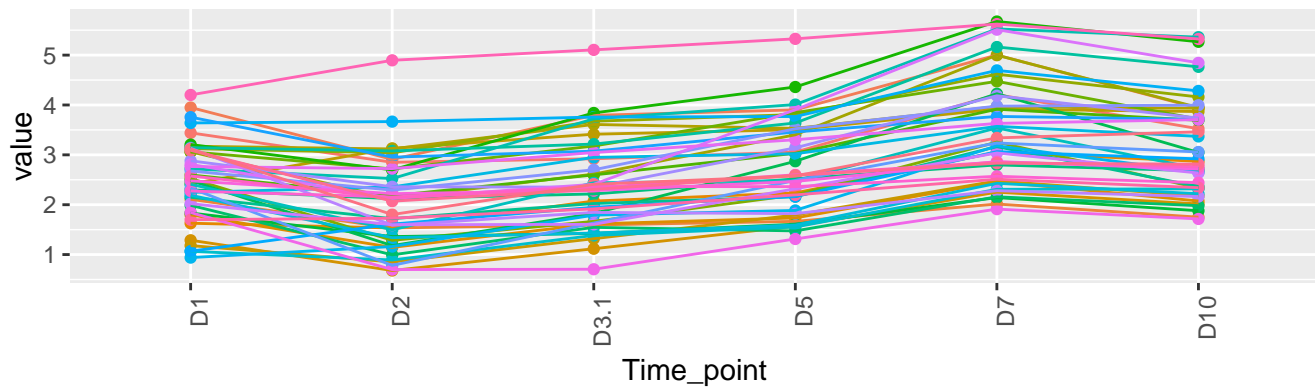
42 genes – KO-cluster-258-original



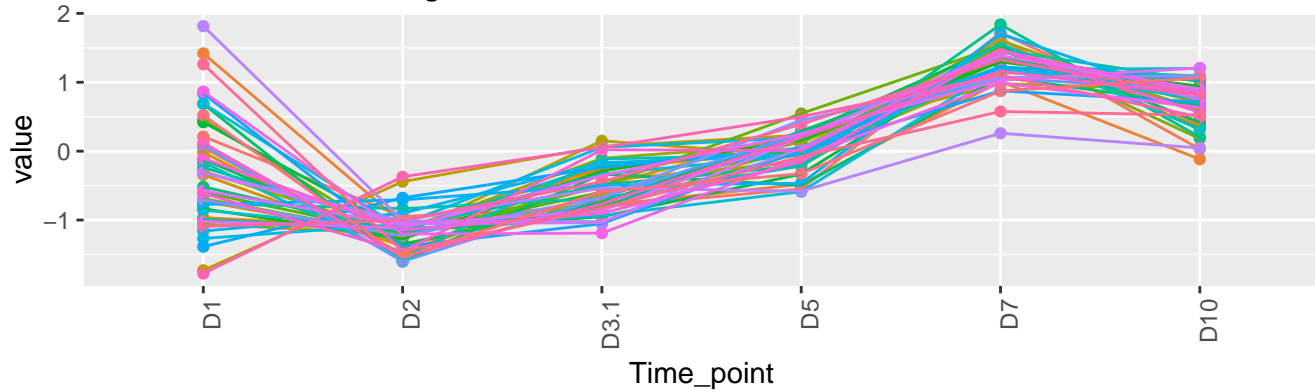
42 genes – KO-cluster-258-standardized



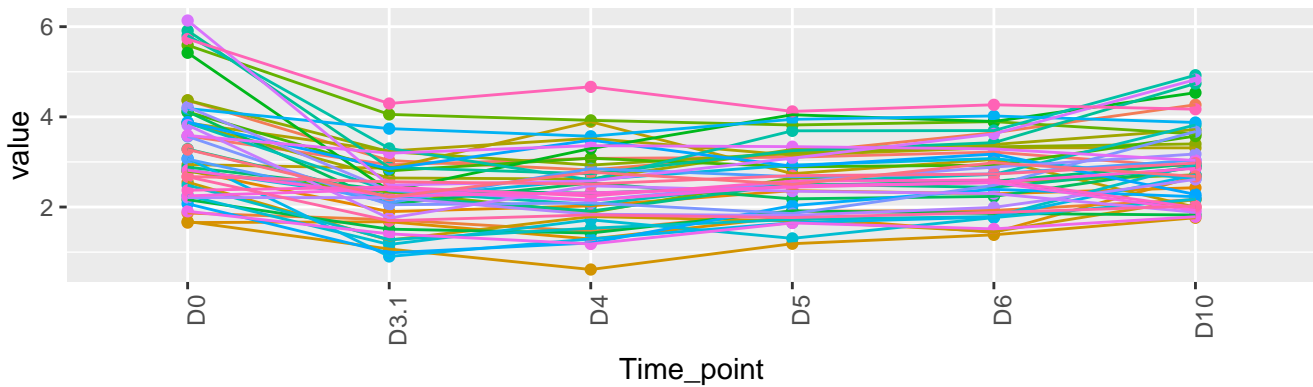
45 genes – WT-cluster-257-original



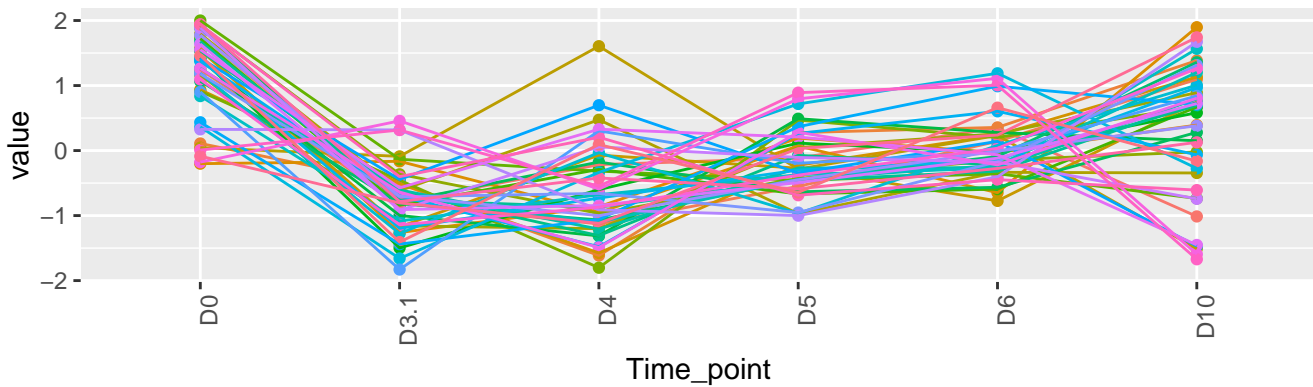
45 genes – WT-cluster-257-standardized



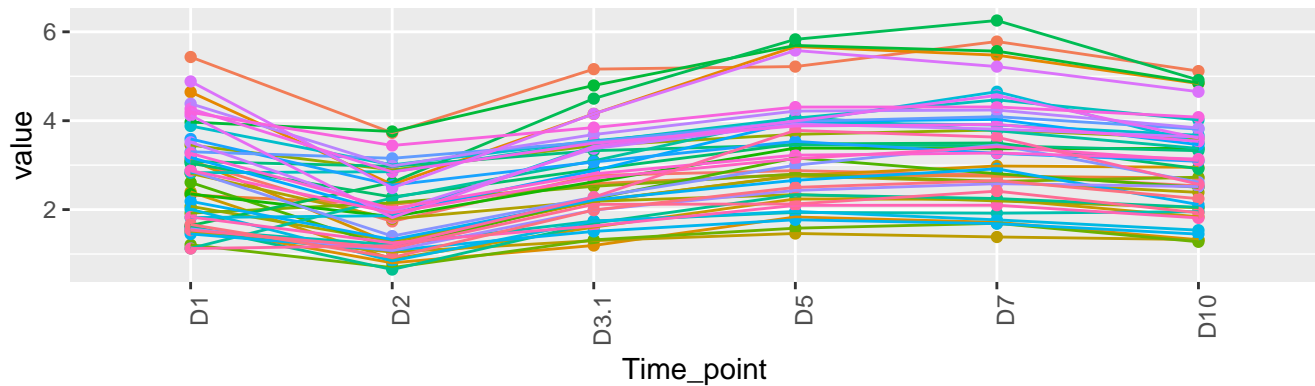
44 genes – KO-cluster-257-original



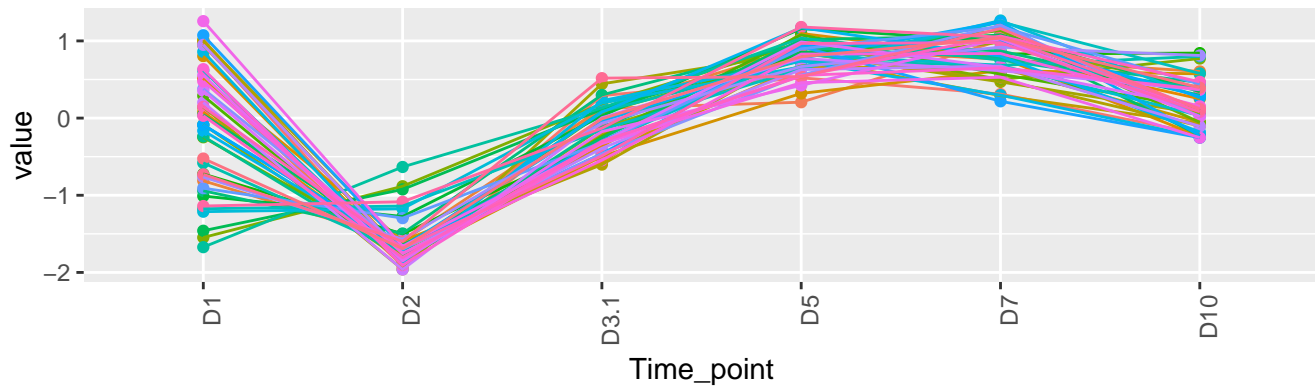
44 genes – KO-cluster-257-standardized



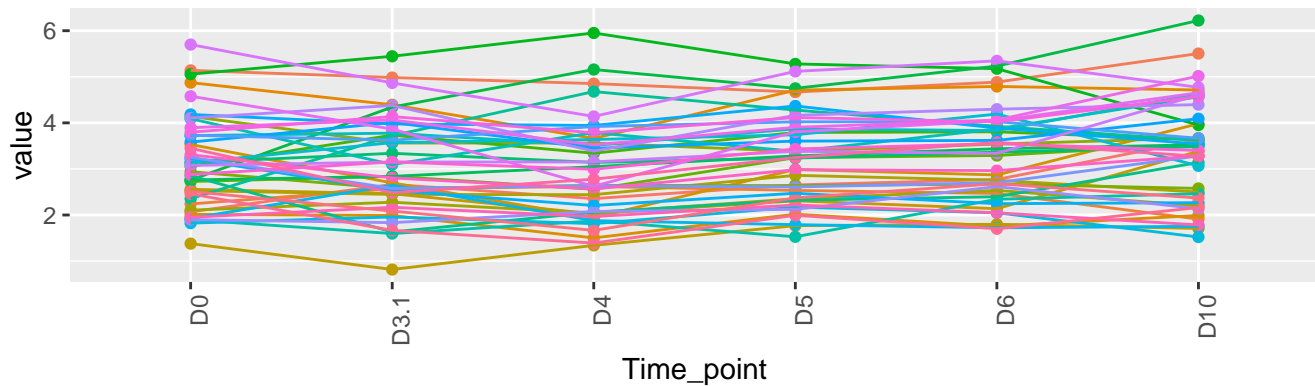
45 genes – WT-cluster-256-original



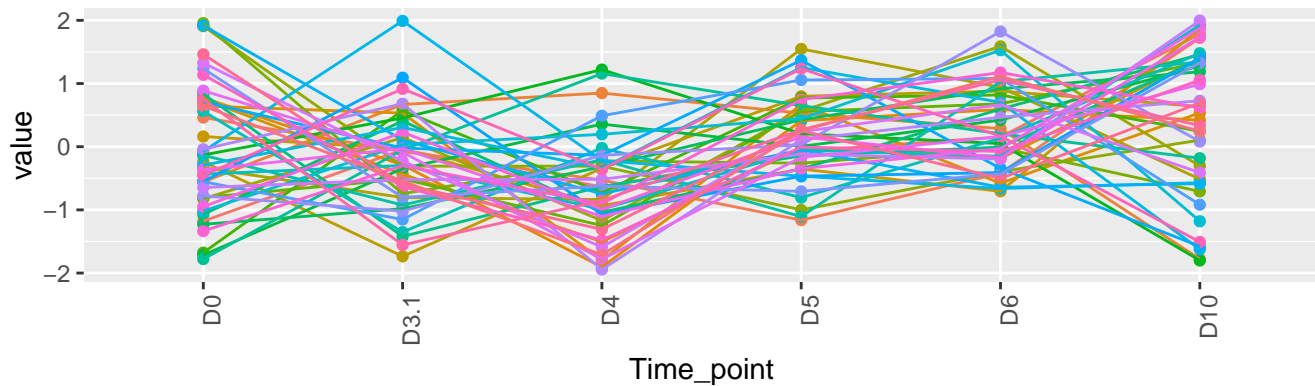
45 genes – WT-cluster-256-standardized



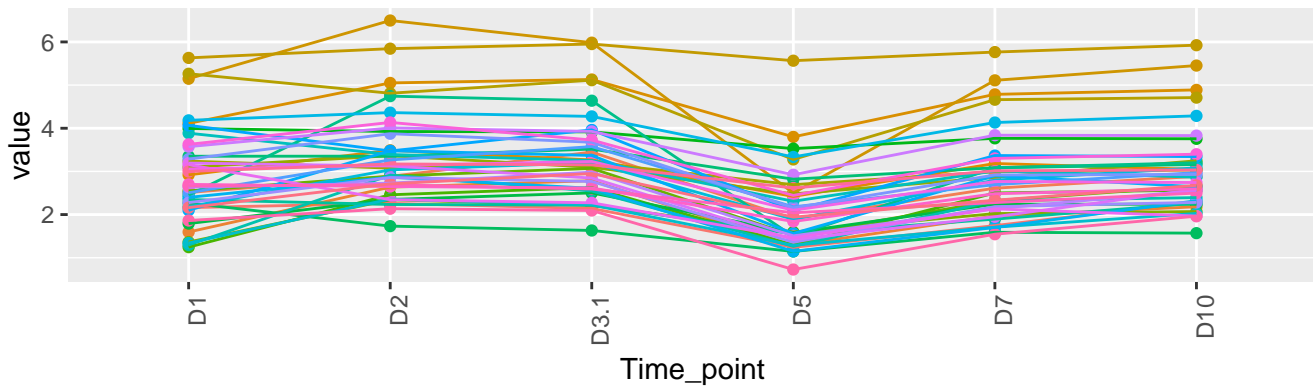
44 genes – KO-cluster-256-original



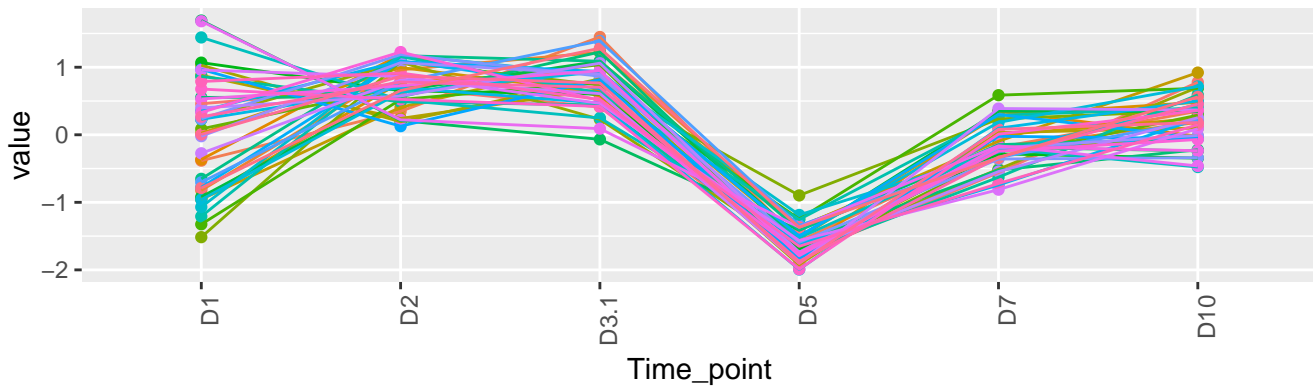
44 genes – KO-cluster-256-standardized



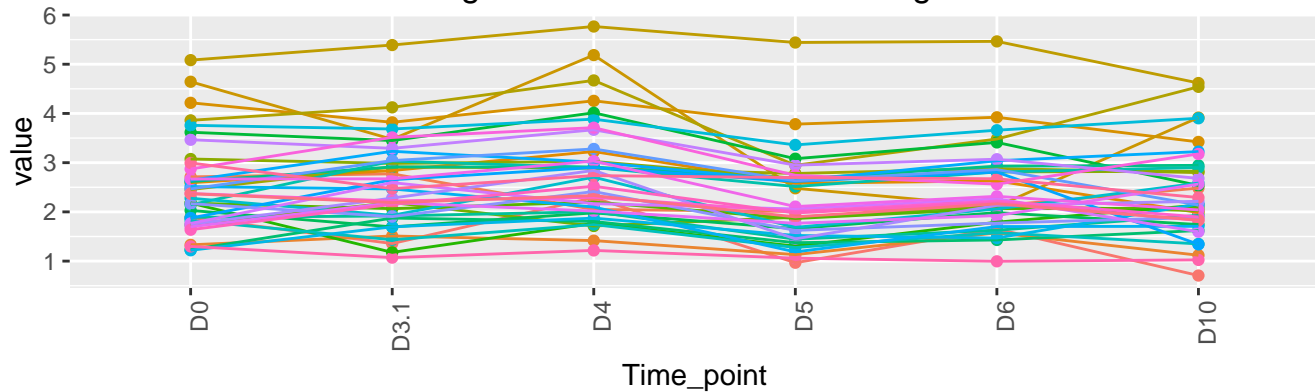
41 genes – WT-cluster-255-original



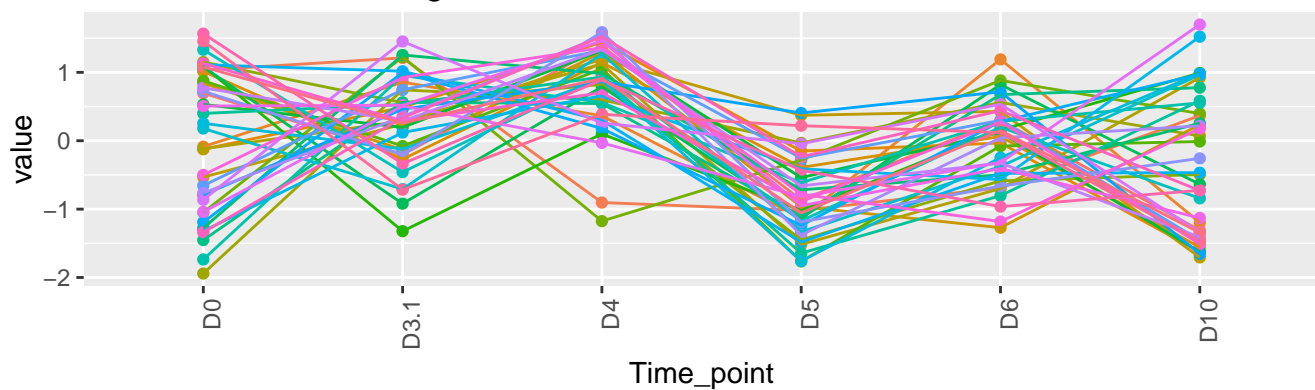
41 genes – WT-cluster-255-standardized



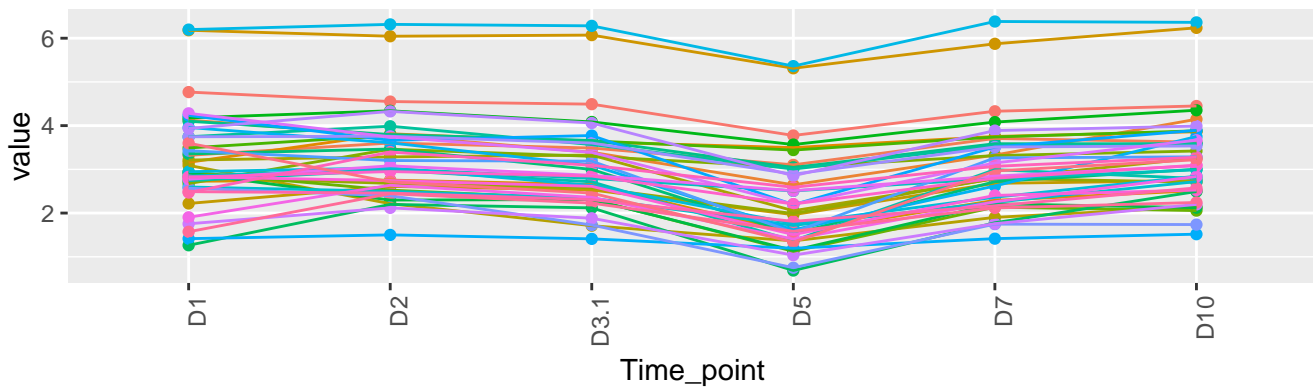
39 genes – KO-cluster-255-original



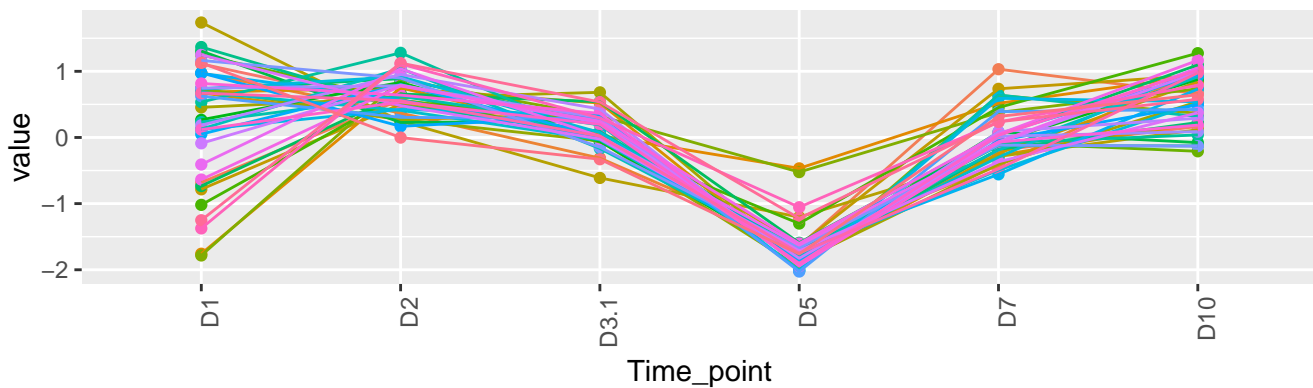
39 genes – KO-cluster-255-standardized



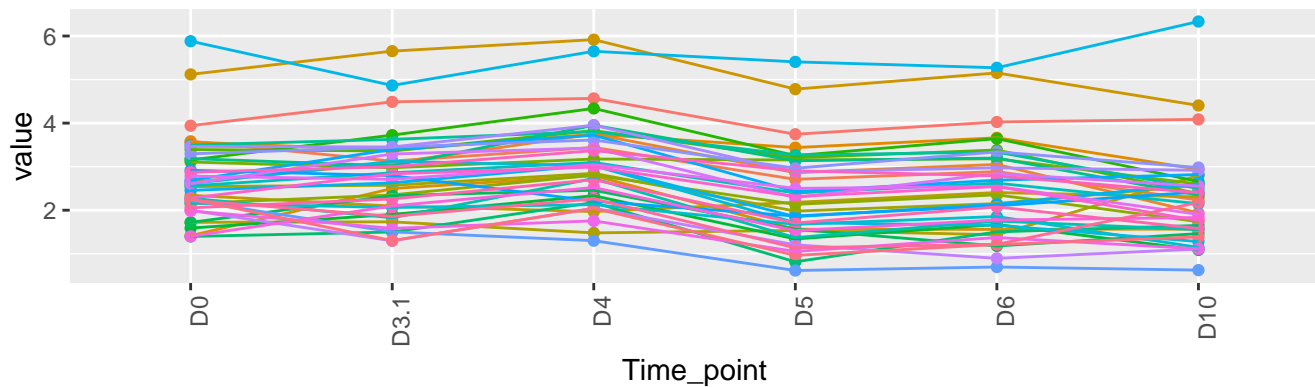
41 genes – WT-cluster-254-original



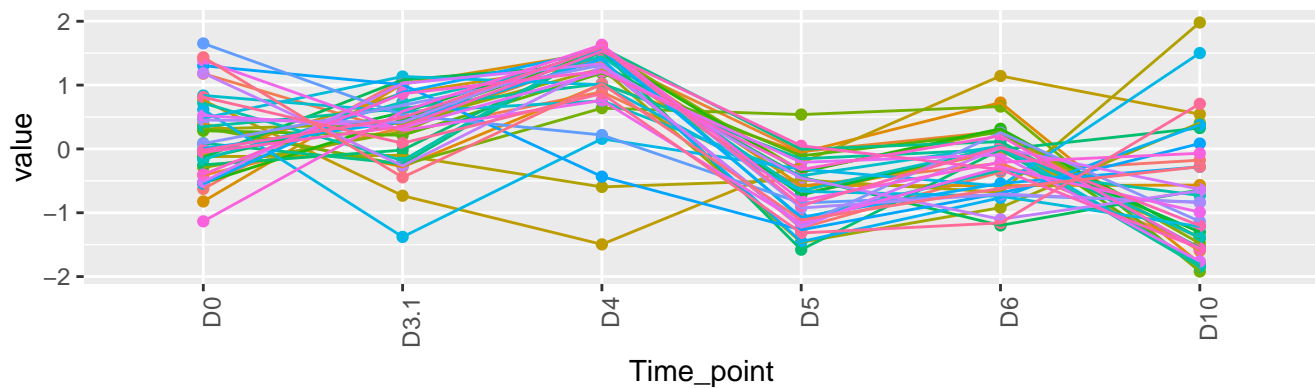
41 genes – WT-cluster-254-standardized



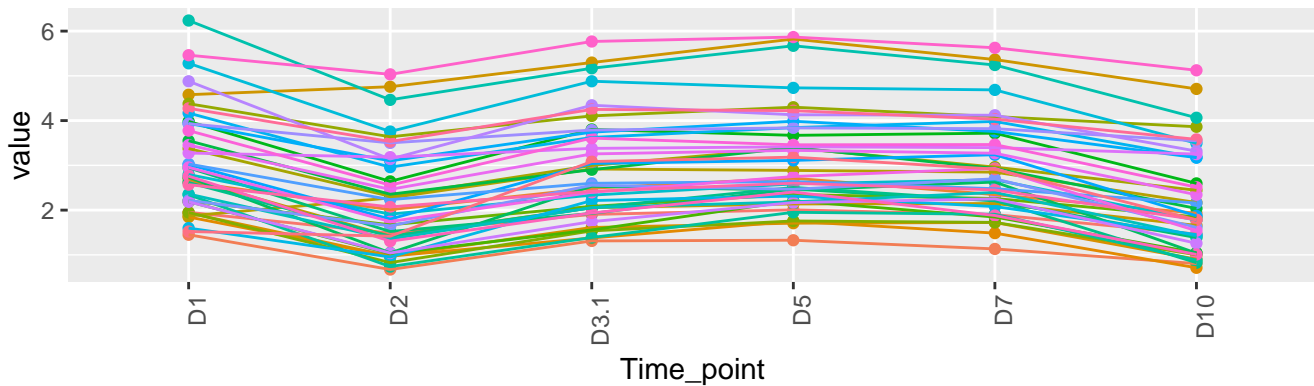
39 genes – KO-cluster-254-original



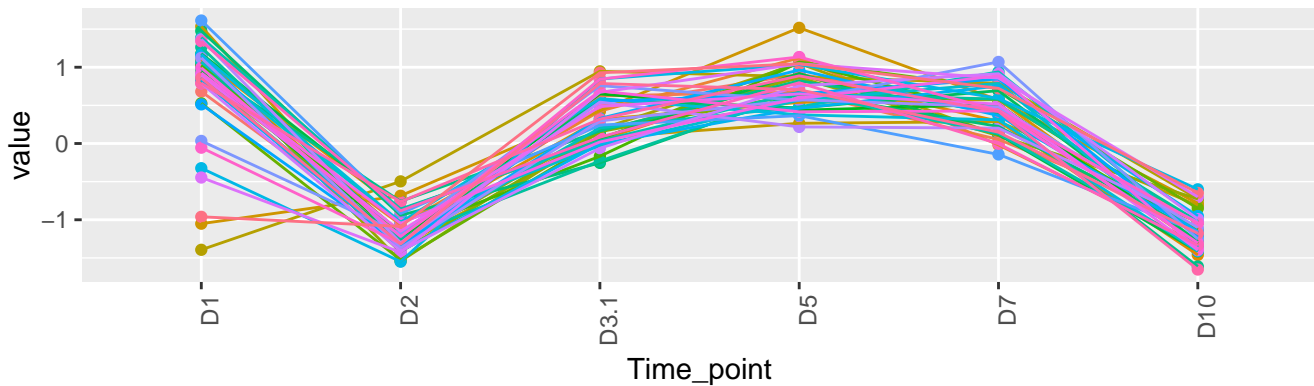
39 genes – KO-cluster-254-standardized



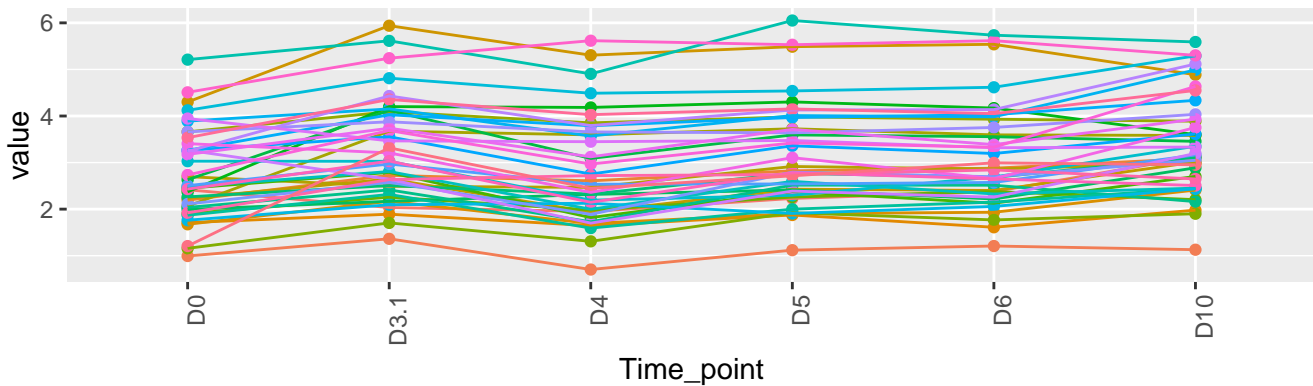
41 genes – WT-cluster-253-original



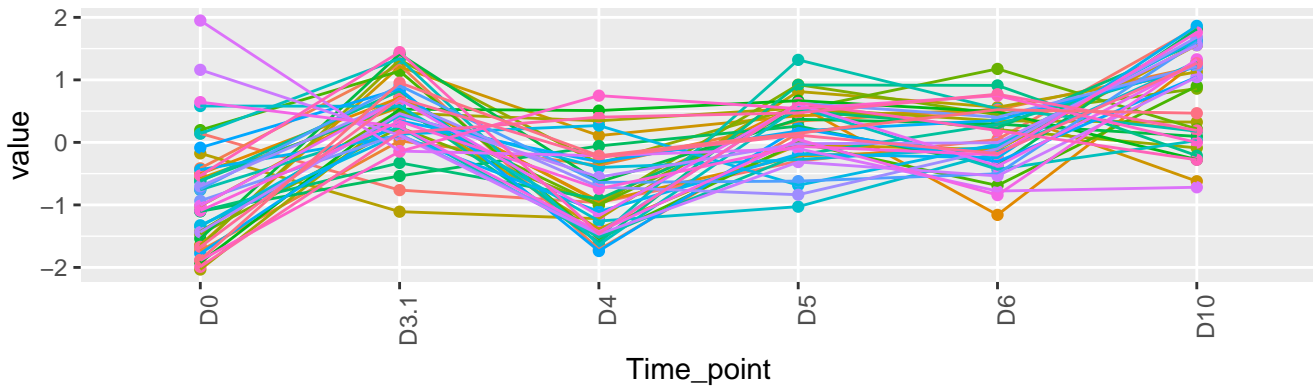
41 genes – WT-cluster-253-standardized



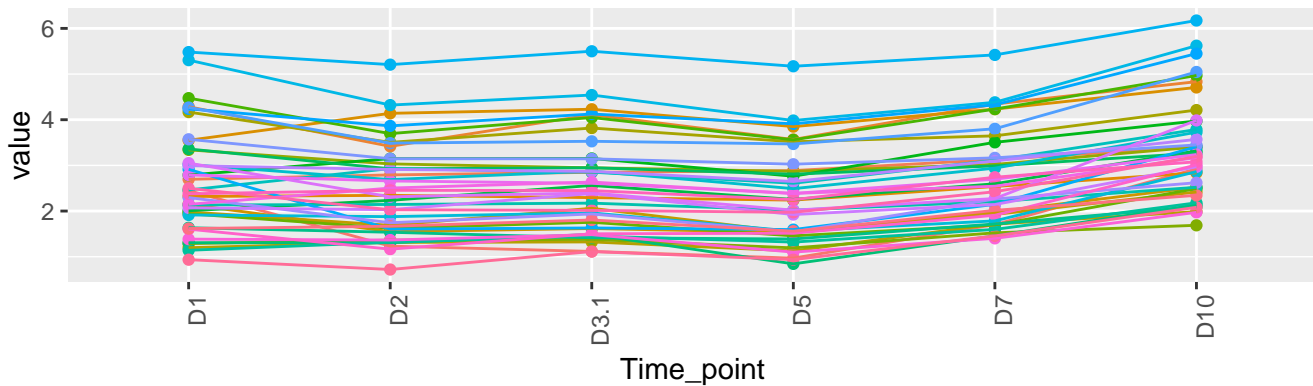
41 genes – KO-cluster-253-original



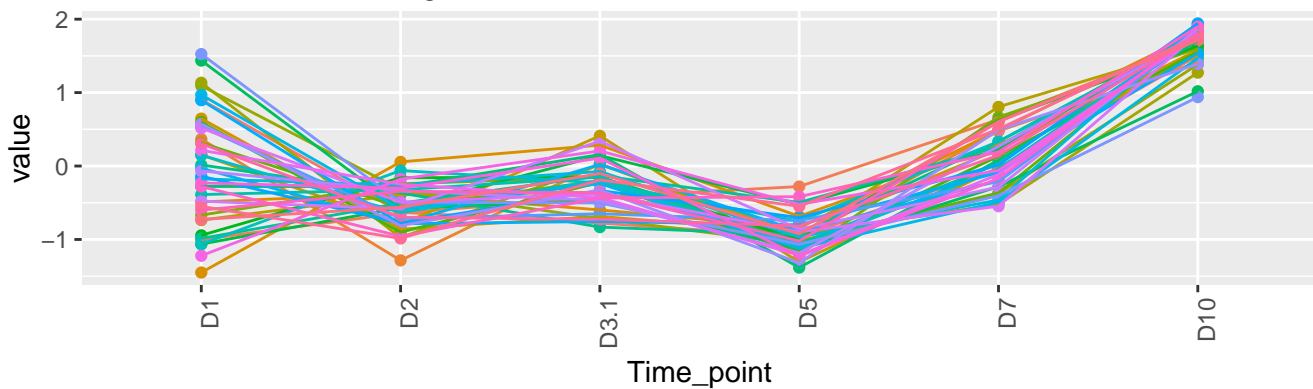
41 genes – KO-cluster-253-standardized



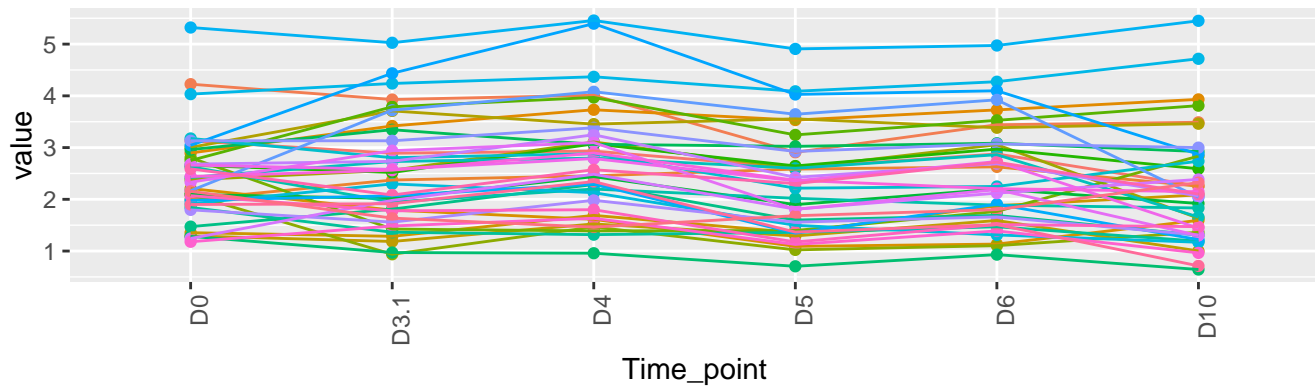
41 genes – WT-cluster-252-original



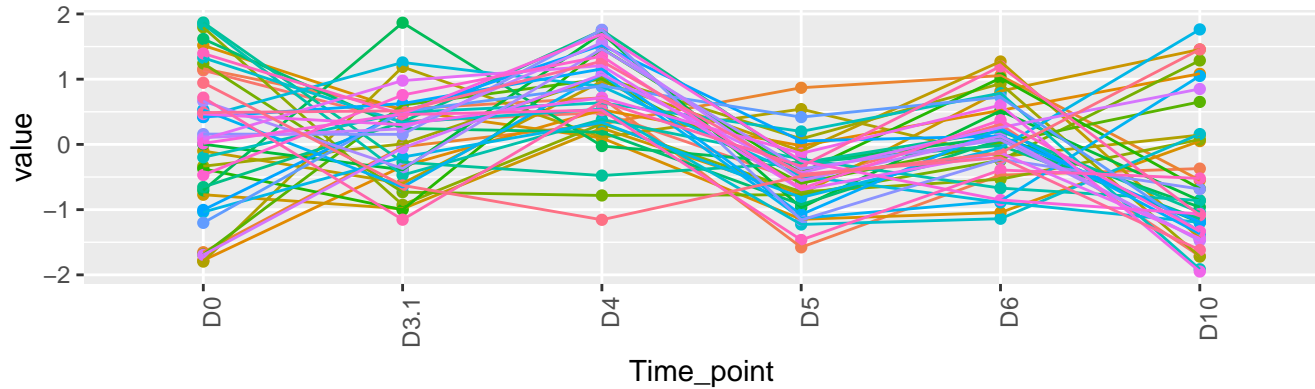
41 genes – WT-cluster-252-standardized



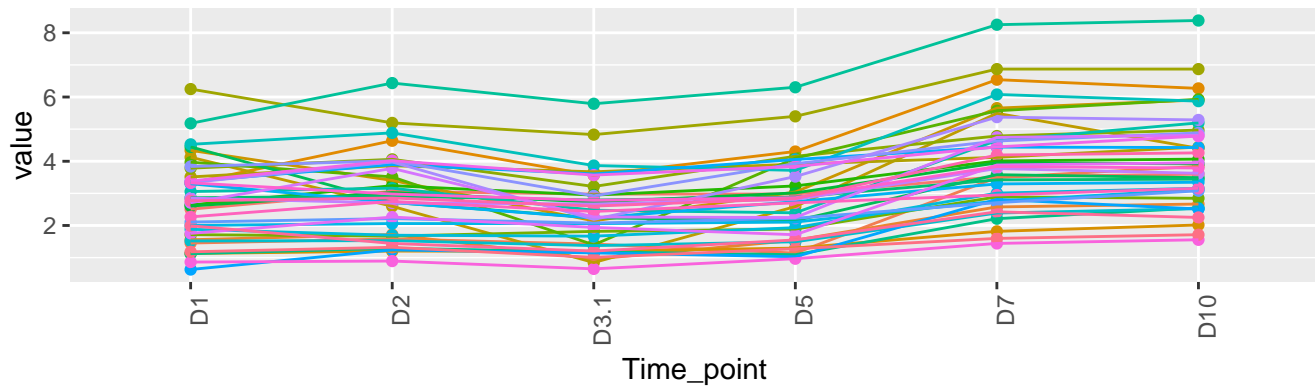
39 genes – KO-cluster-252-original



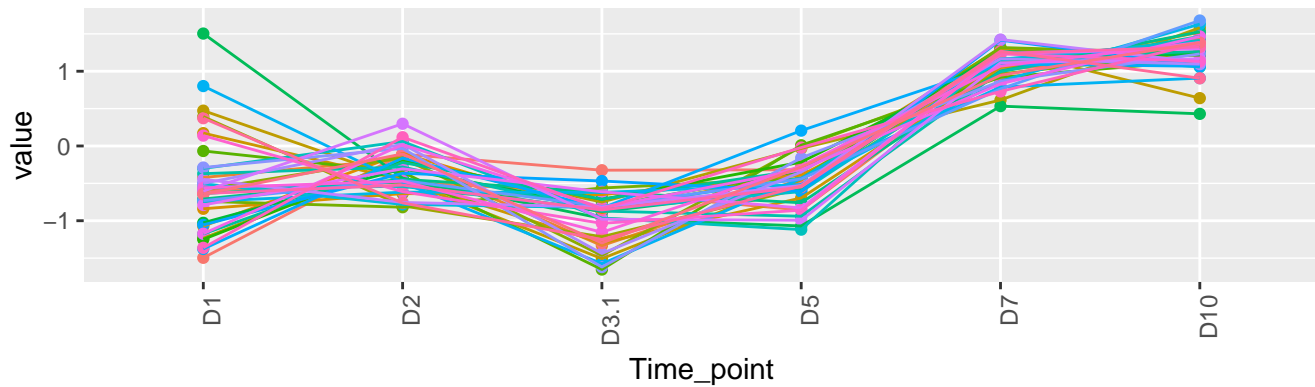
39 genes – KO-cluster-252-standardized



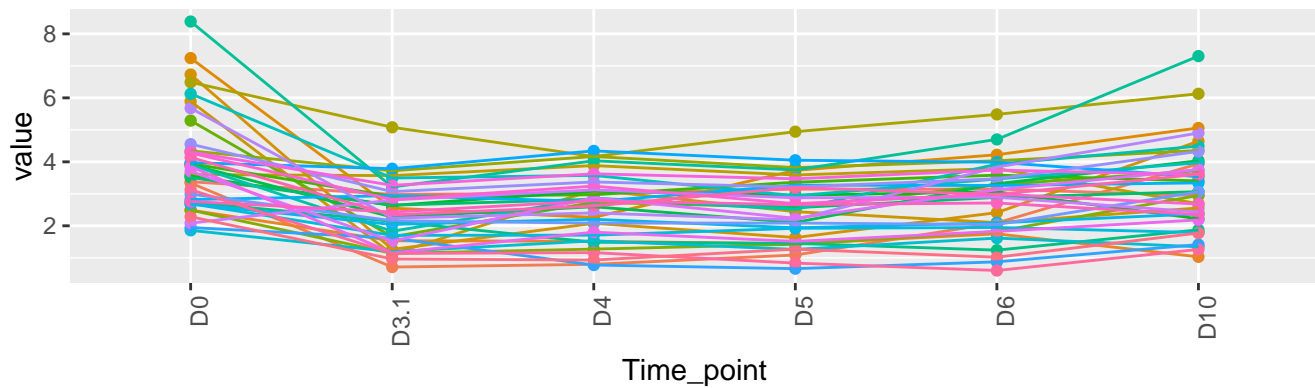
39 genes – WT-cluster-251-original



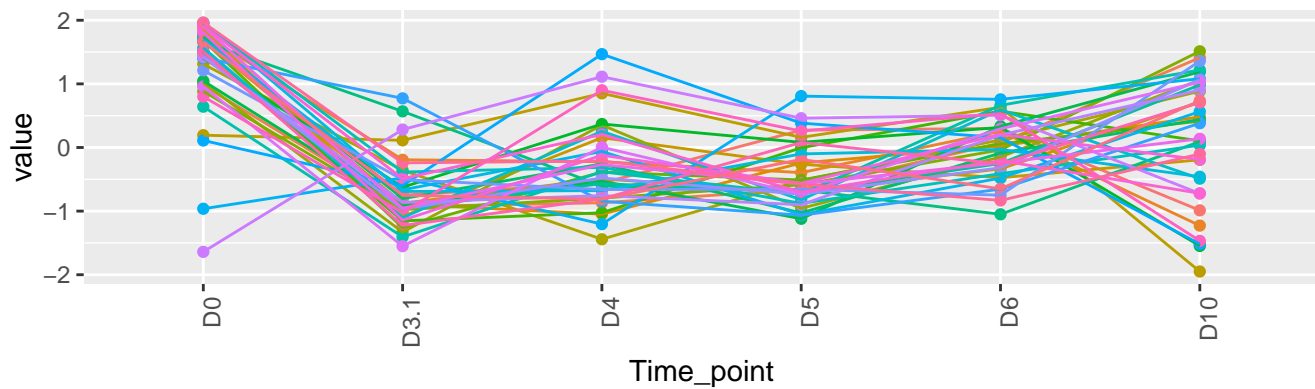
39 genes – WT-cluster-251-standardized



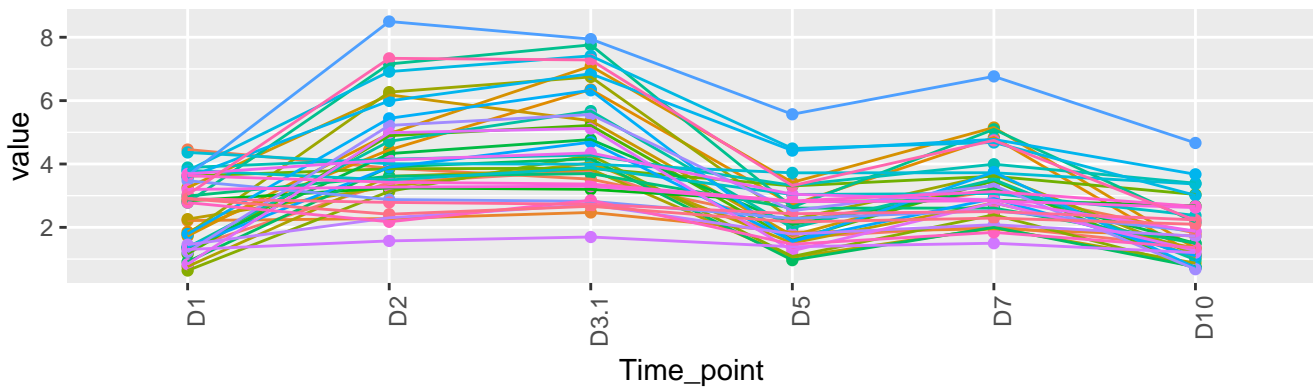
37 genes – KO-cluster-251-original



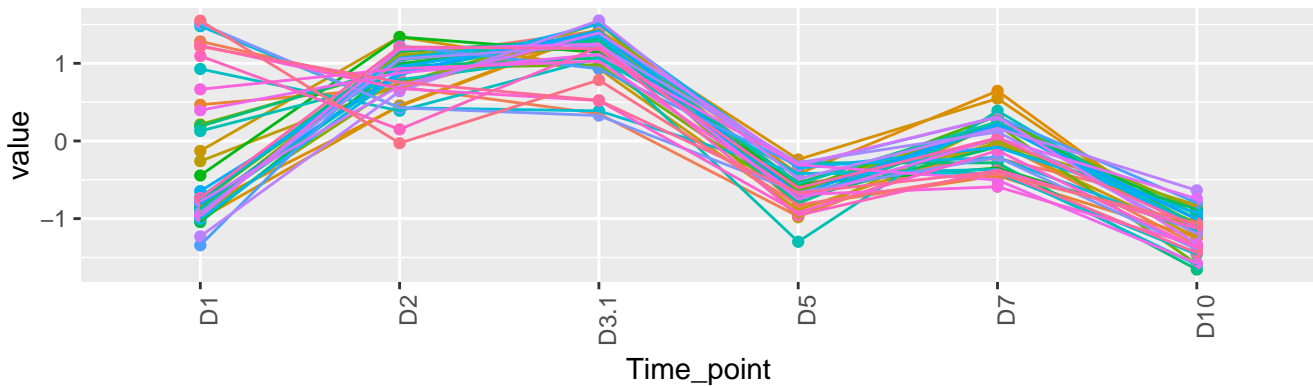
37 genes – KO-cluster-251-standardized



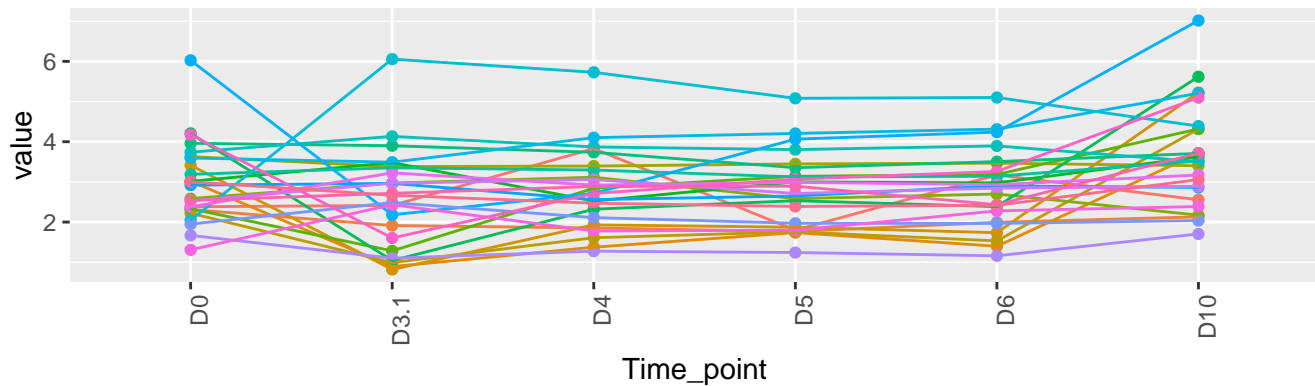
38 genes – WT-cluster-250-original



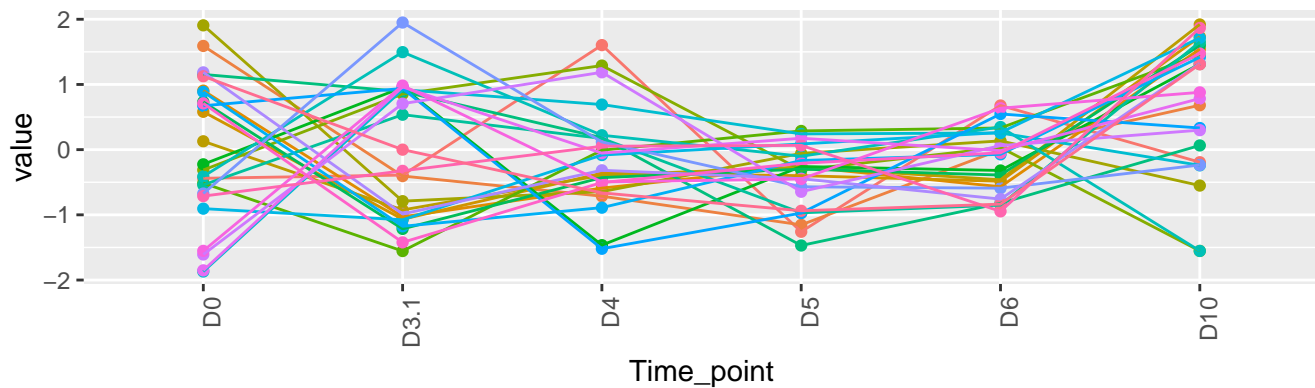
38 genes – WT-cluster-250-standardized



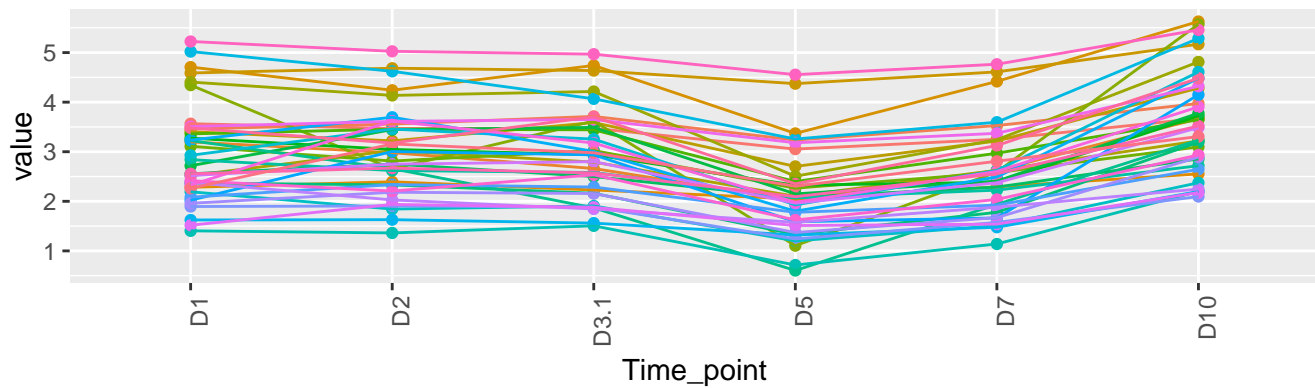
25 genes – KO-cluster-250-original



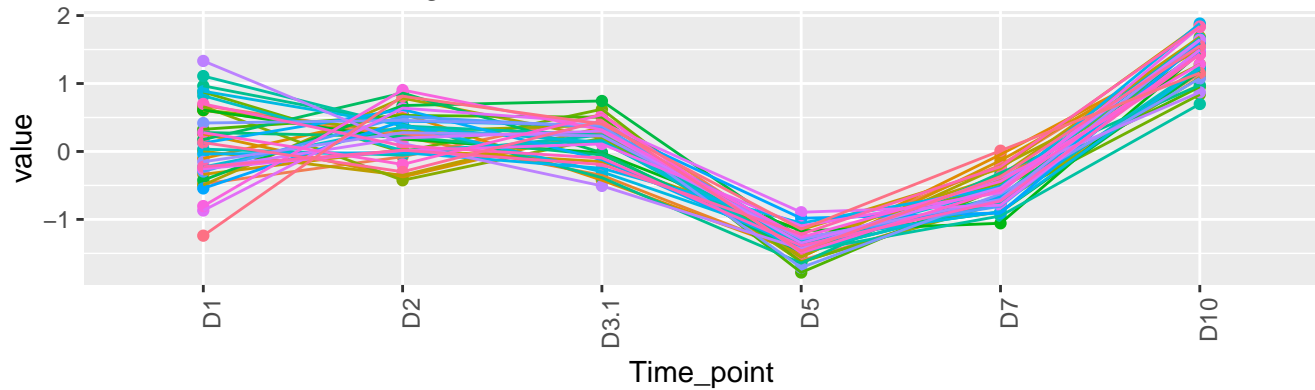
25 genes – KO-cluster-250-standardized



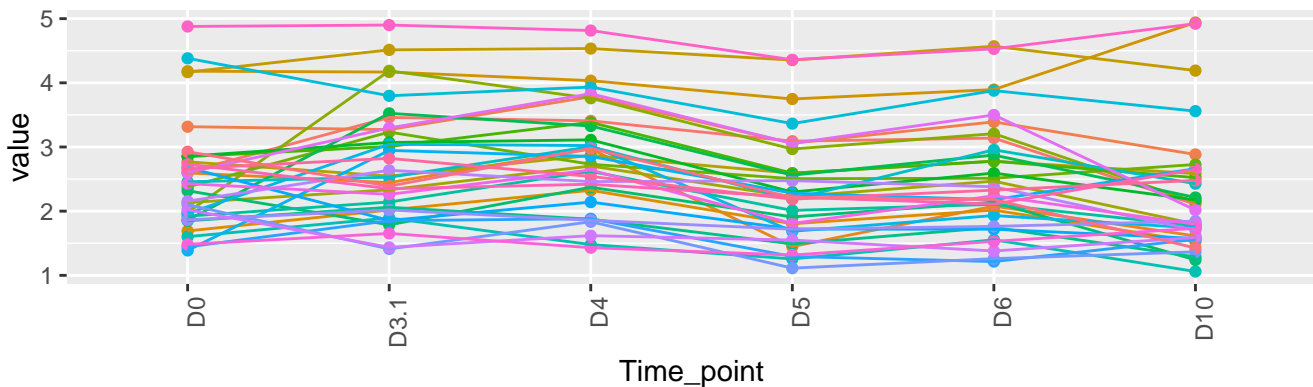
38 genes – WT-cluster-249-original



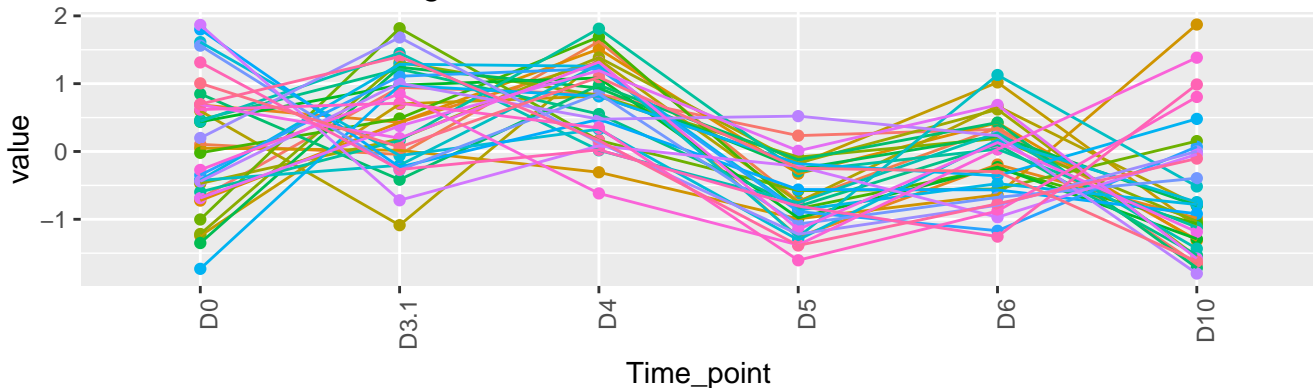
38 genes – WT-cluster-249-standardized



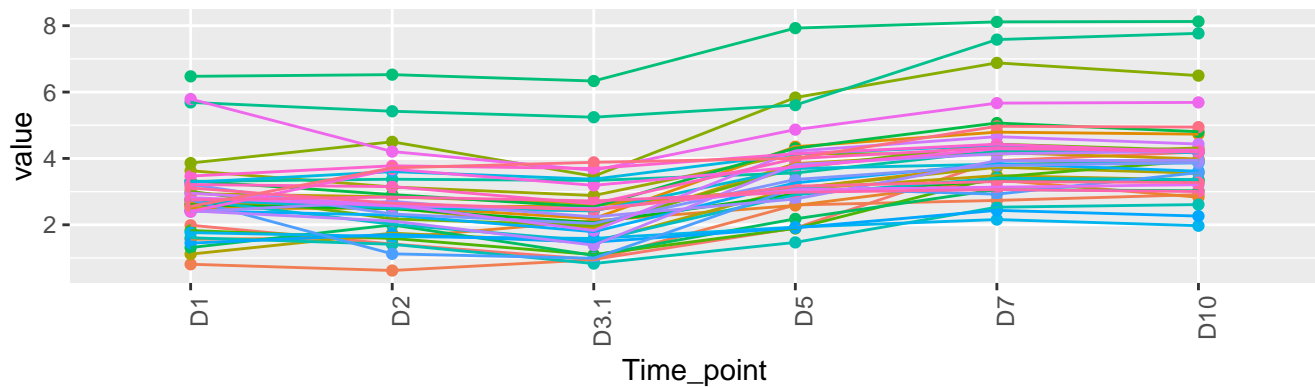
34 genes – KO-cluster-249-original



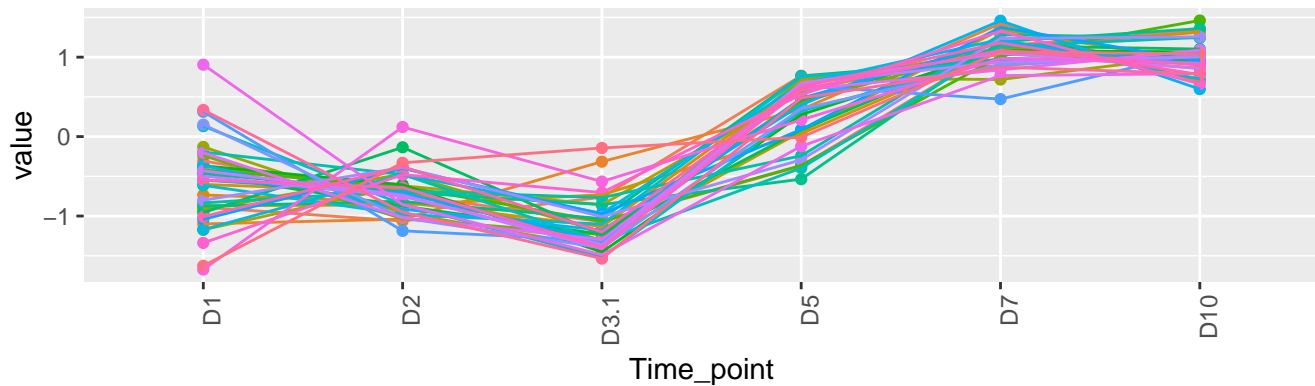
34 genes – KO-cluster-249-standardized



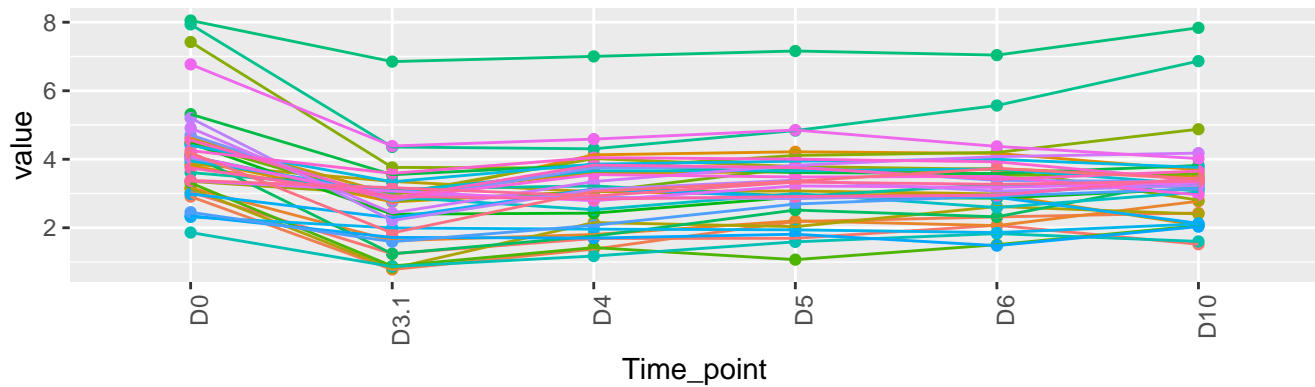
38 genes – WT-cluster-248-original



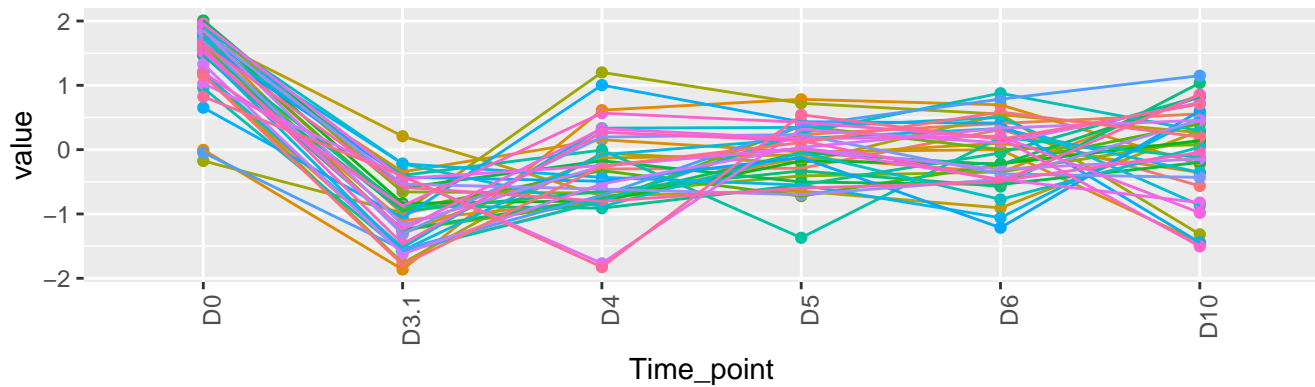
38 genes – WT-cluster-248-standardized



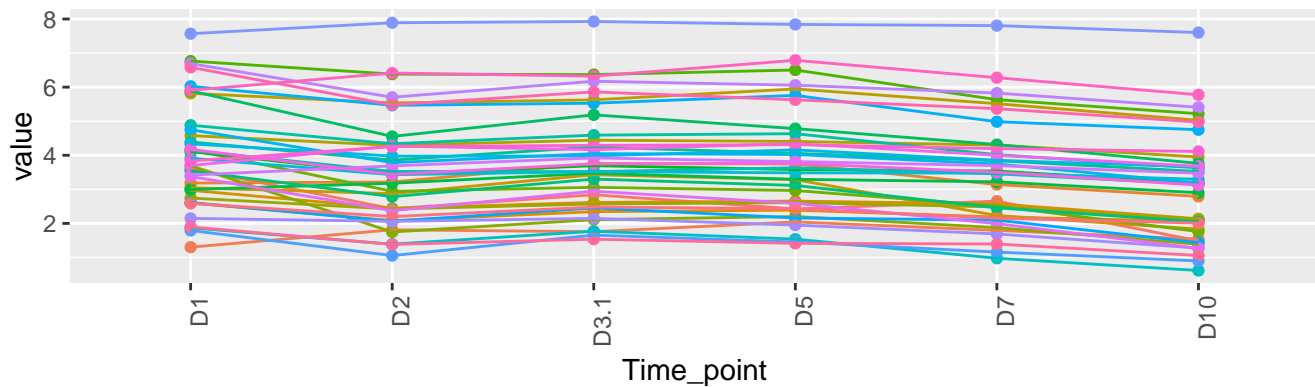
38 genes – KO-cluster-248-original



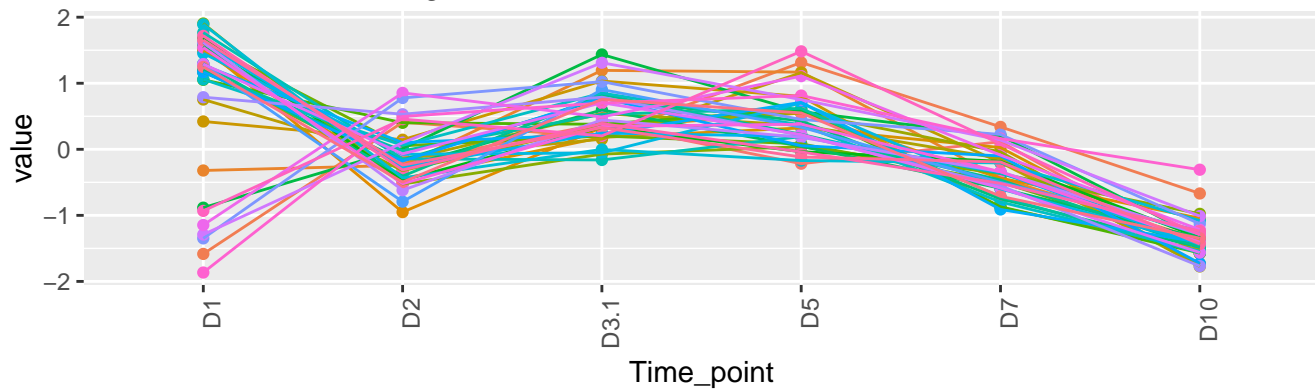
38 genes – KO-cluster-248-standardized



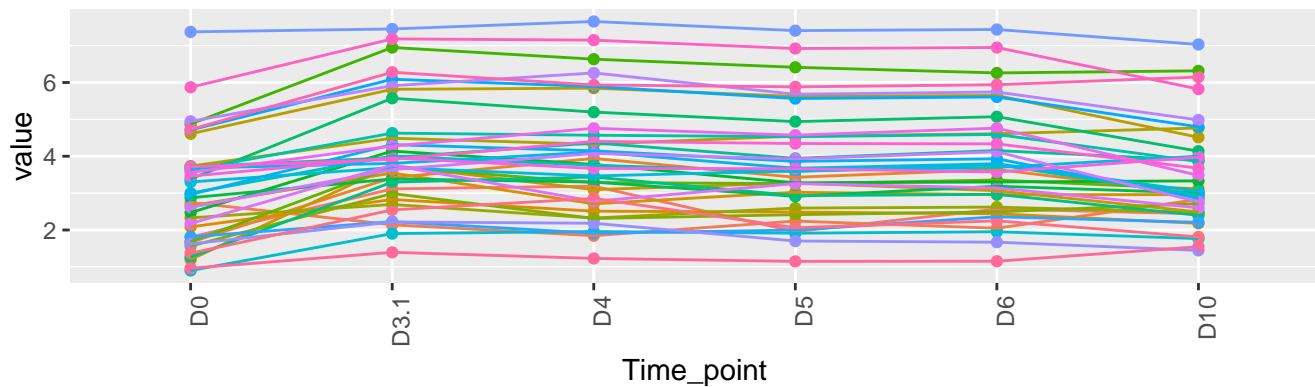
38 genes – WT-cluster-247-original



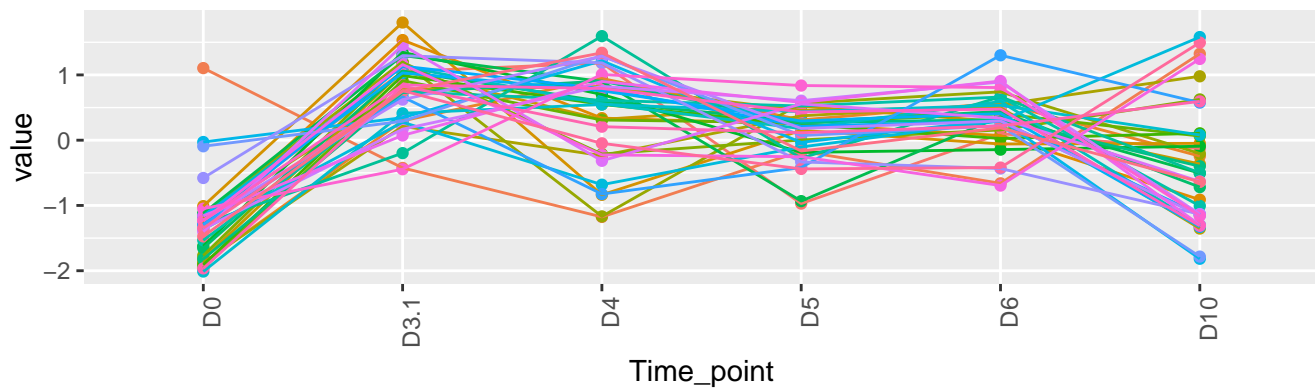
38 genes – WT-cluster-247-standardized



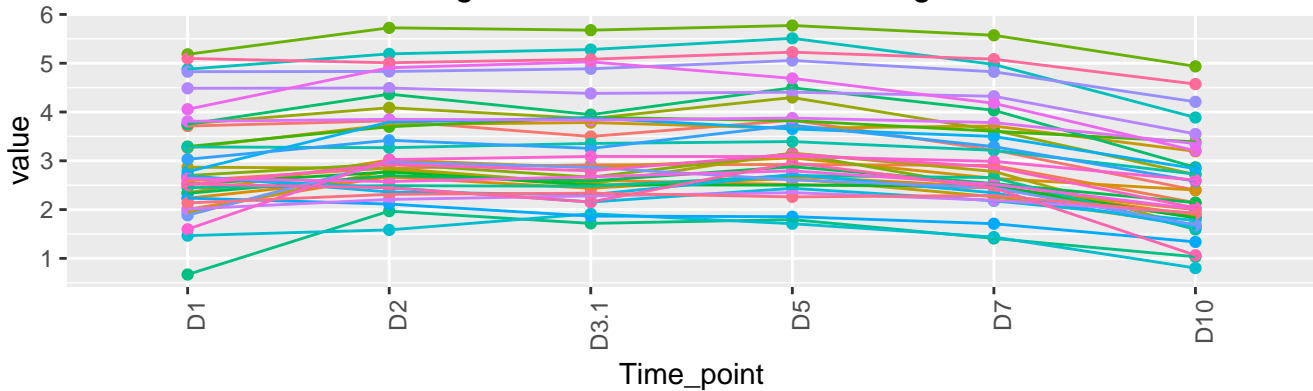
37 genes – KO-cluster-247-original



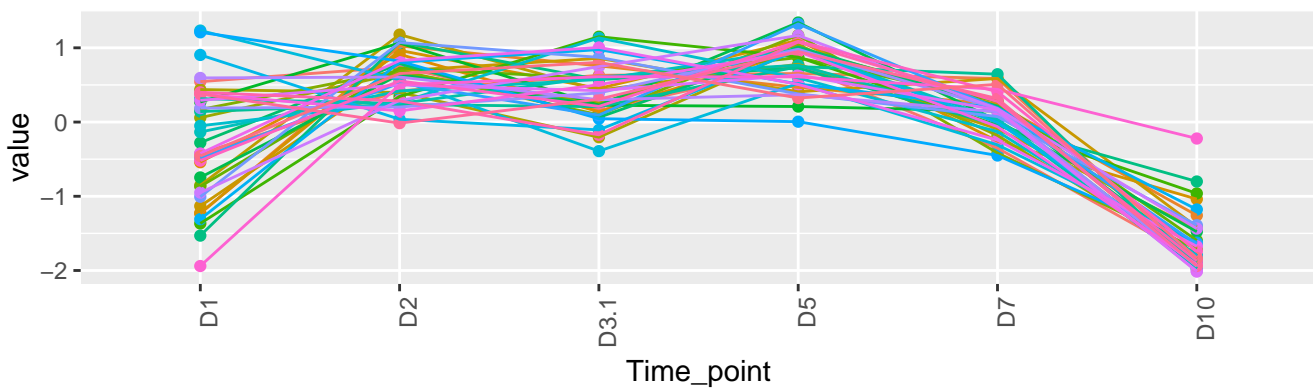
37 genes – KO-cluster-247-standardized



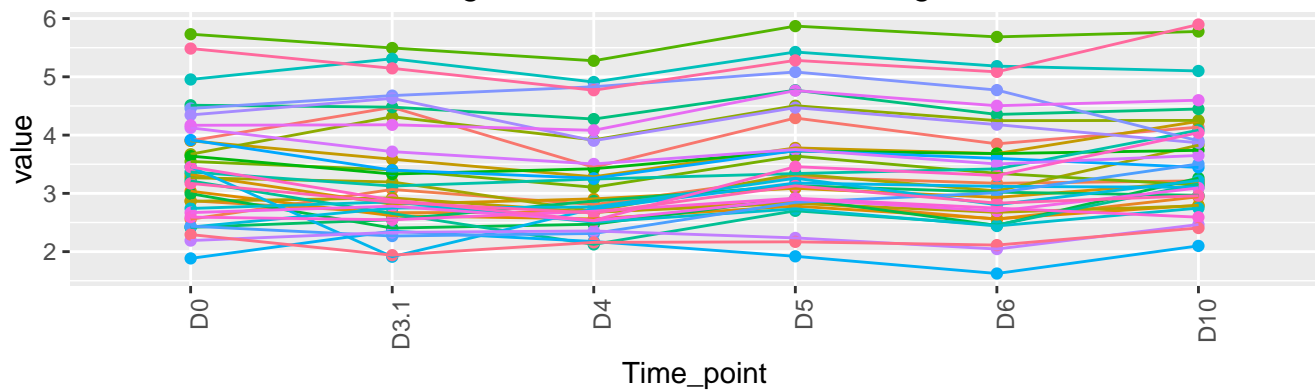
37 genes – WT-cluster-246-original



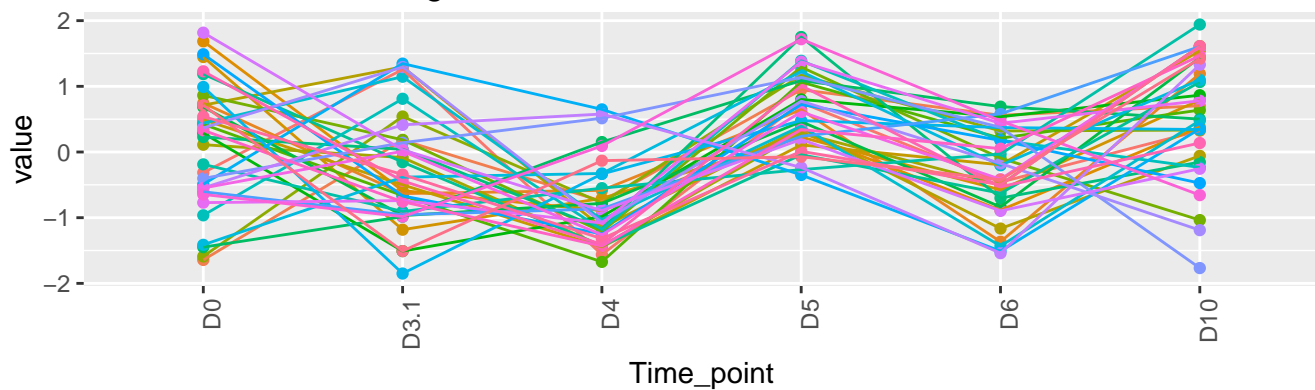
37 genes – WT-cluster-246-standardized



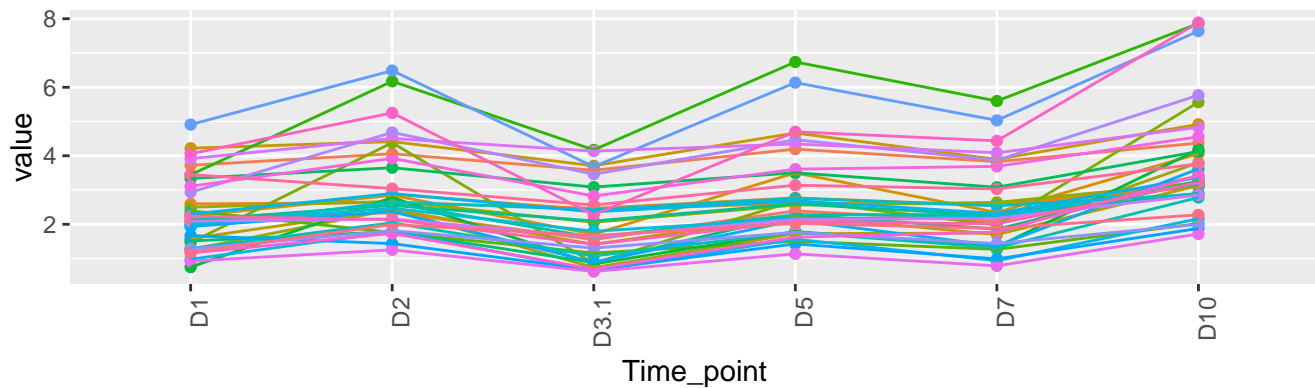
35 genes – KO-cluster-246-original



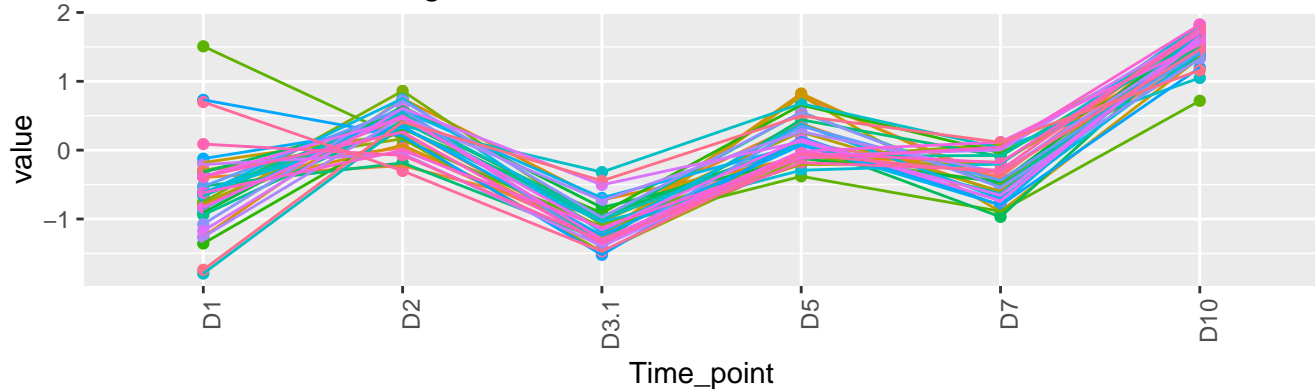
35 genes – KO-cluster-246-standardized



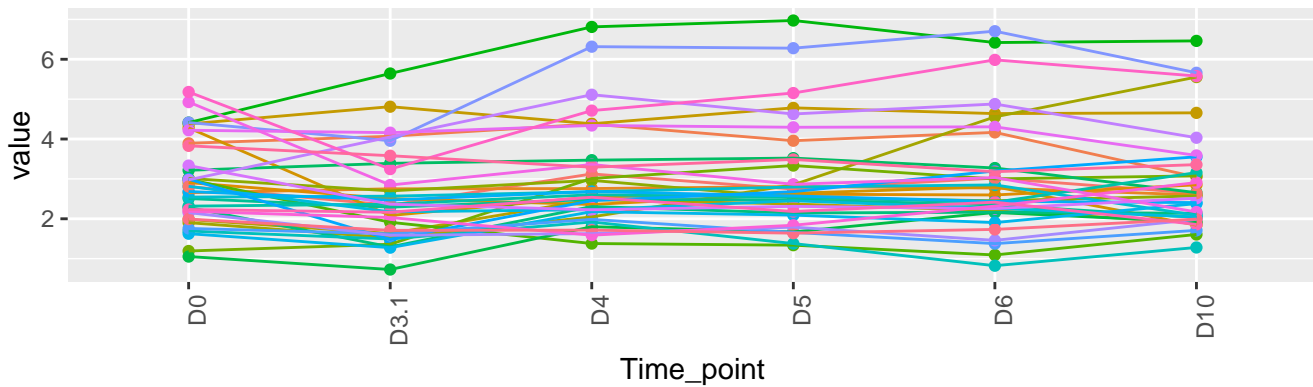
36 genes – WT-cluster-245-original



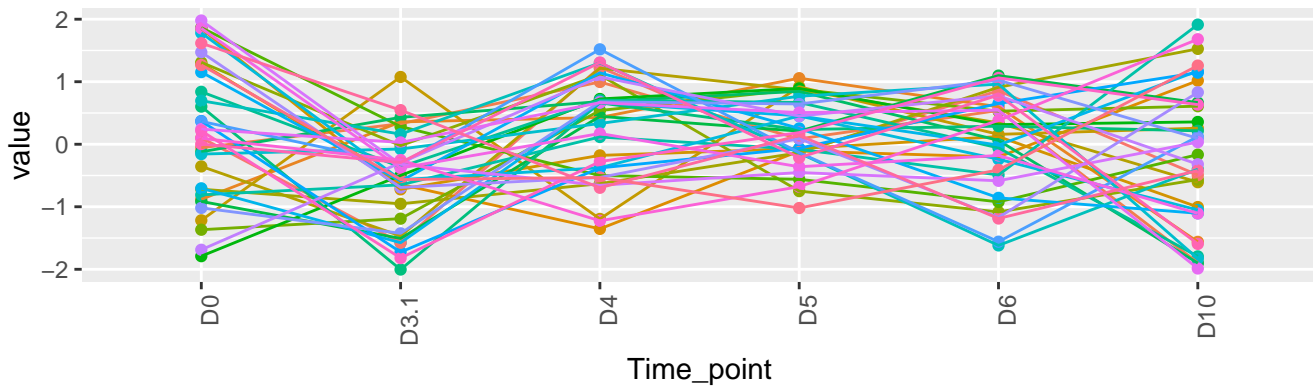
36 genes – WT-cluster-245-standardized



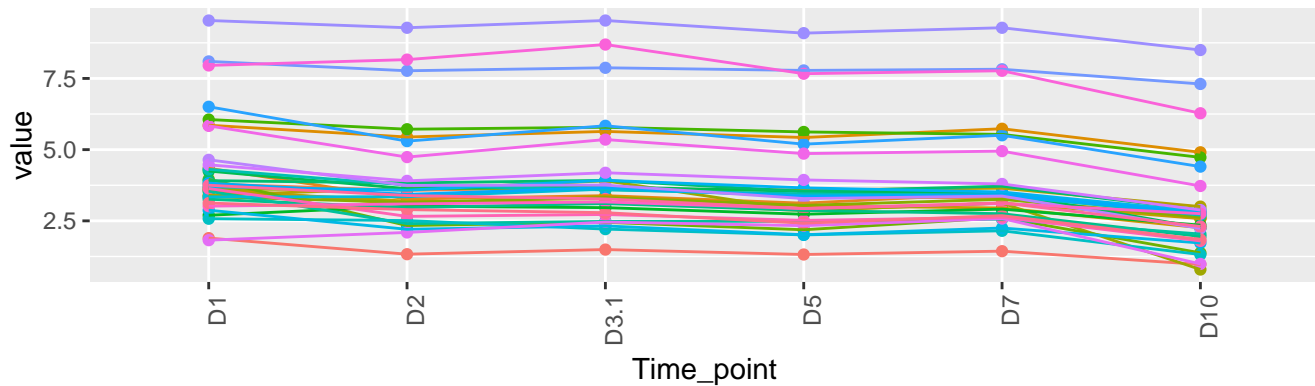
35 genes – KO-cluster-245-original



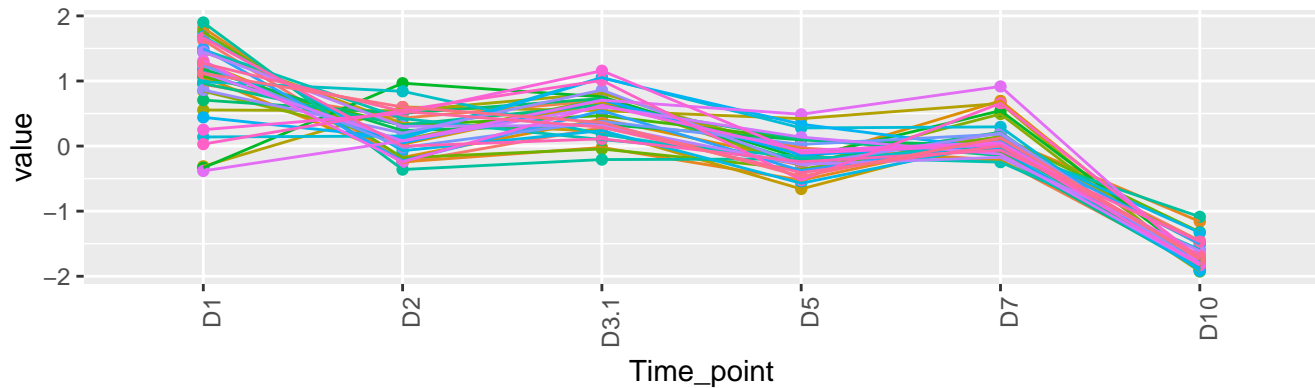
35 genes – KO-cluster-245-standardized



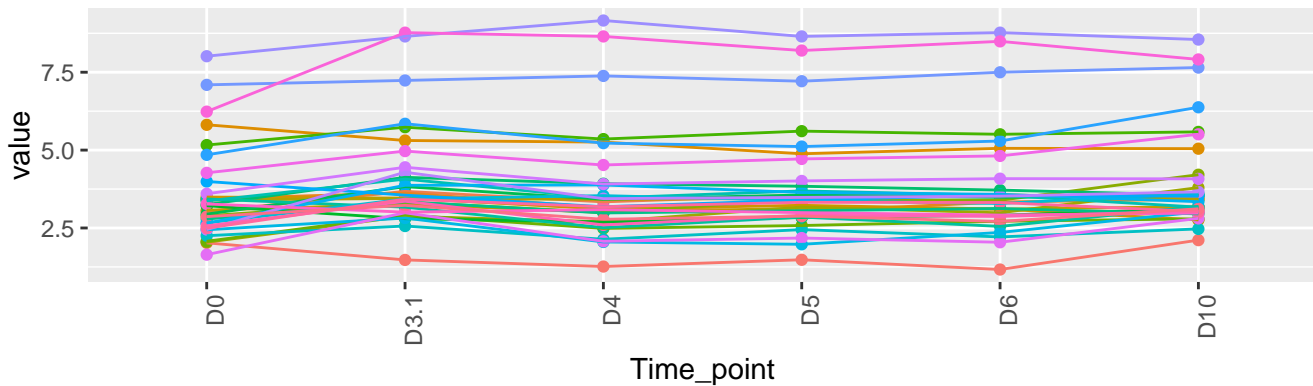
34 genes – WT-cluster-244-original



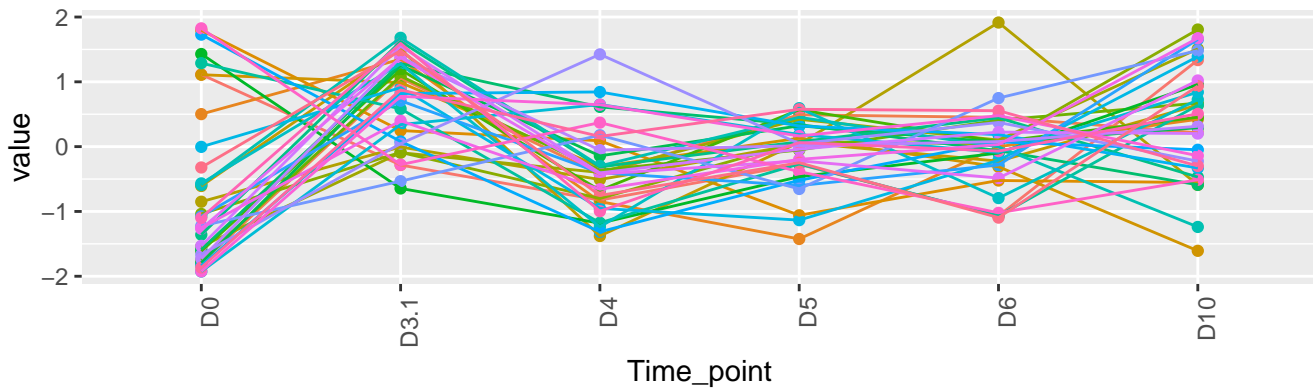
34 genes – WT-cluster-244-standardized



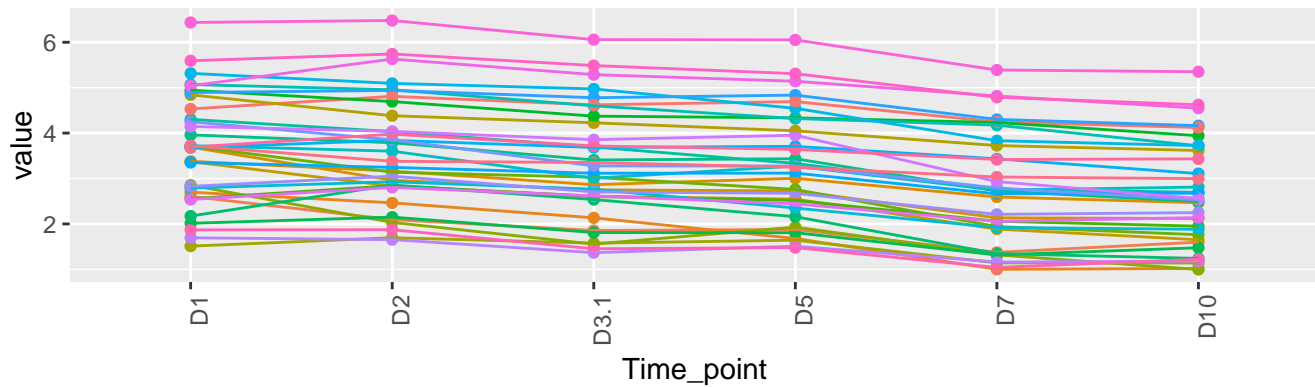
34 genes – KO-cluster-244-original



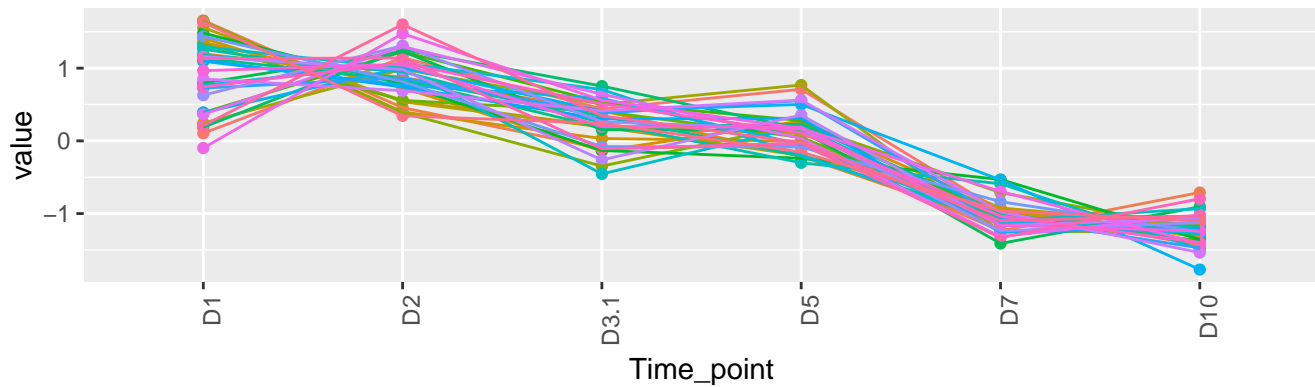
34 genes – KO-cluster-244-standardized



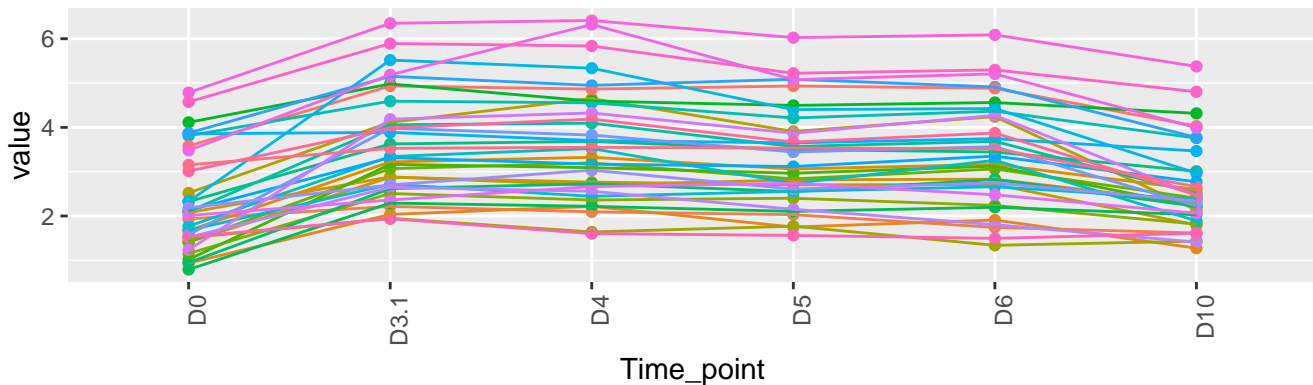
34 genes – WT-cluster-243-original



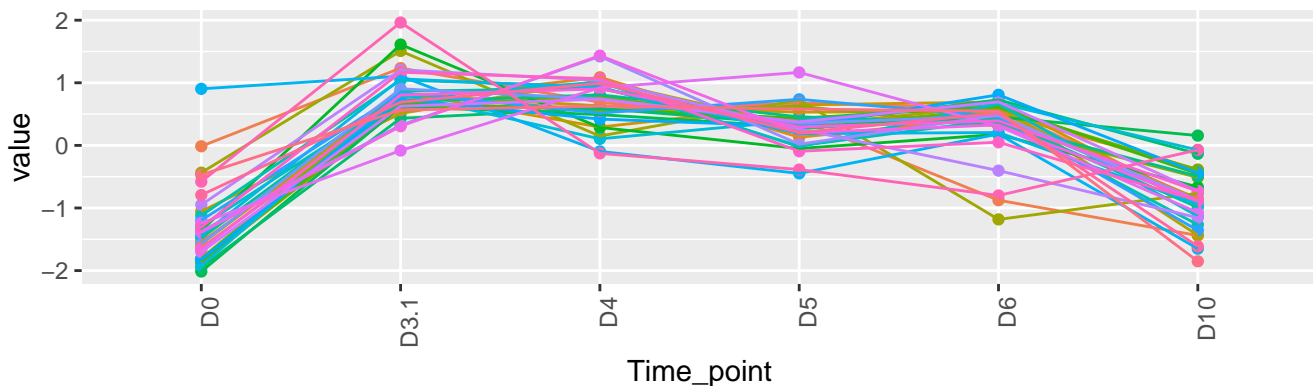
34 genes – WT-cluster-243-standardized



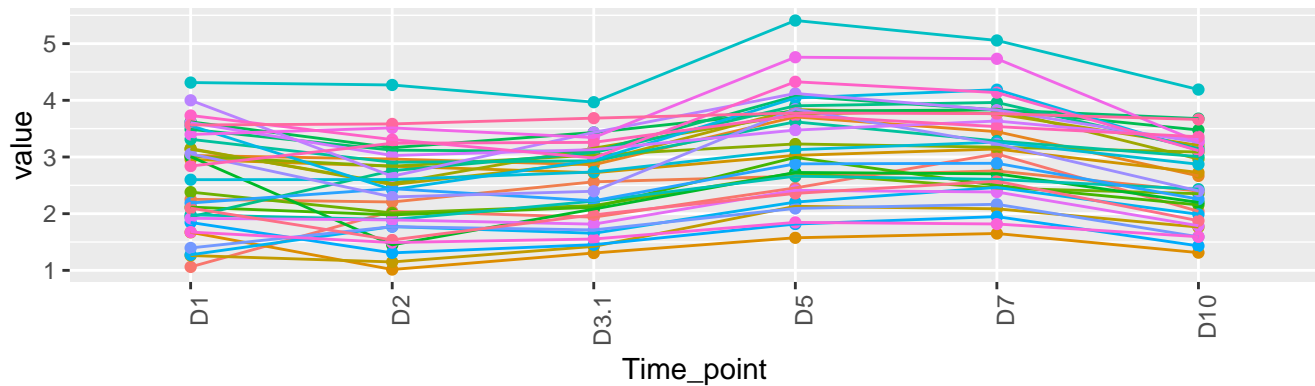
34 genes – KO-cluster-243-original



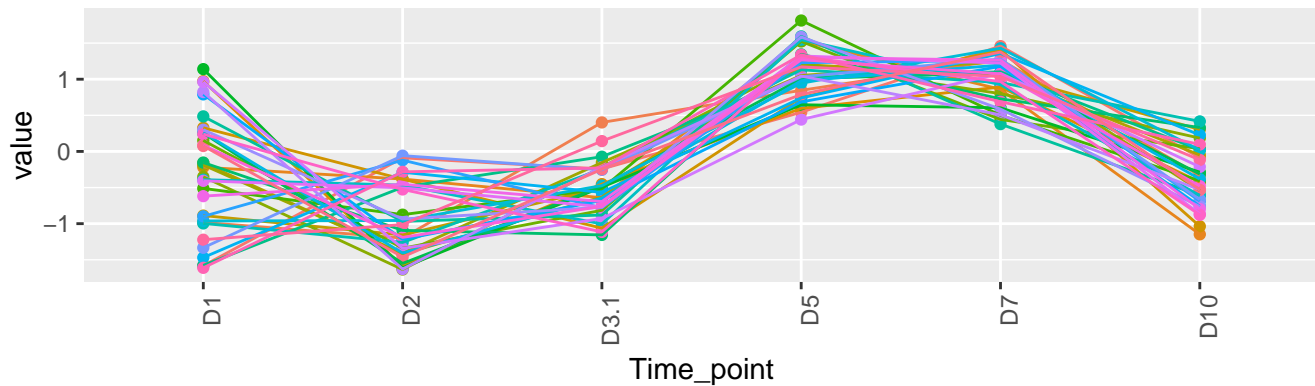
34 genes – KO-cluster-243-standardized



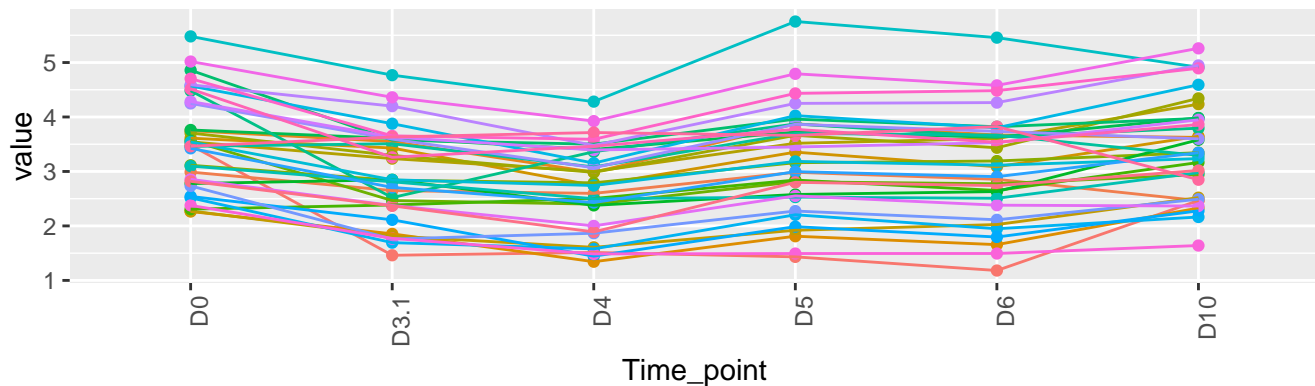
34 genes – WT-cluster-242-original



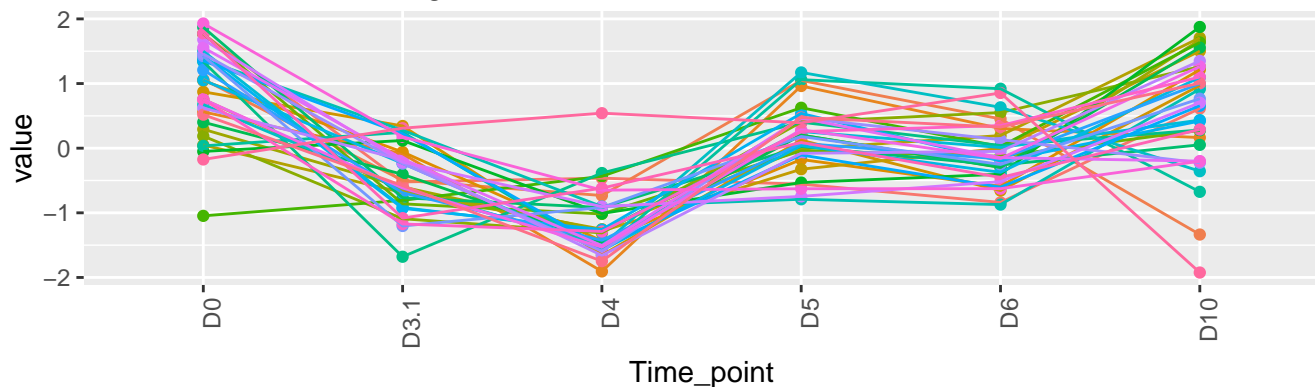
34 genes – WT-cluster-242-standardized



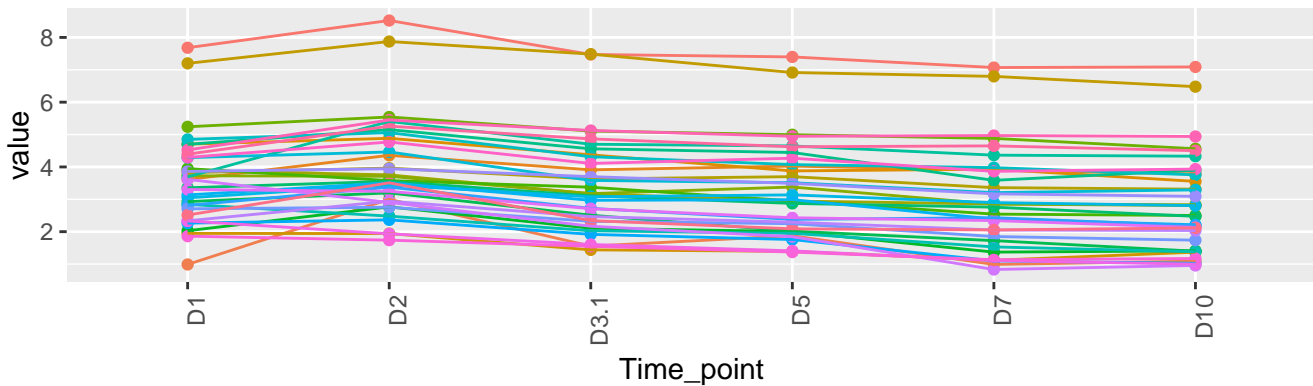
34 genes – KO-cluster-242-original



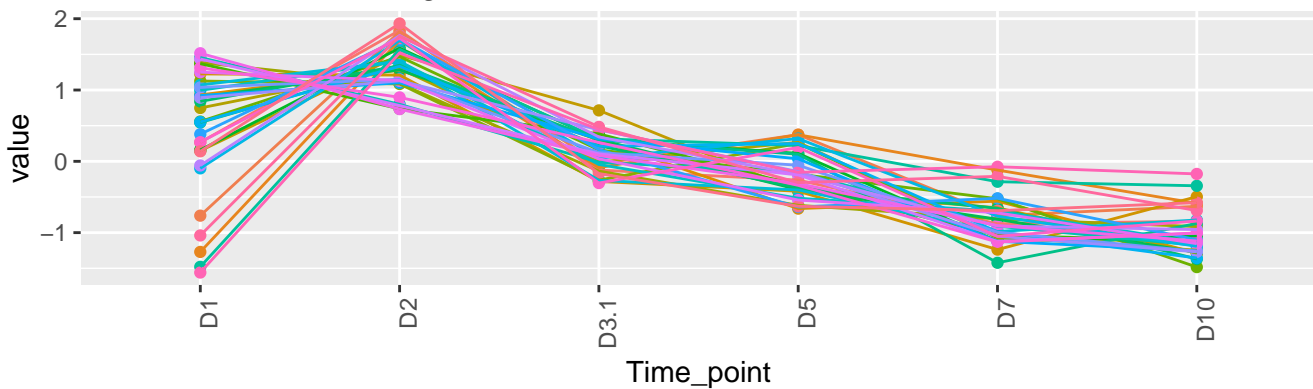
34 genes – KO-cluster-242-standardized



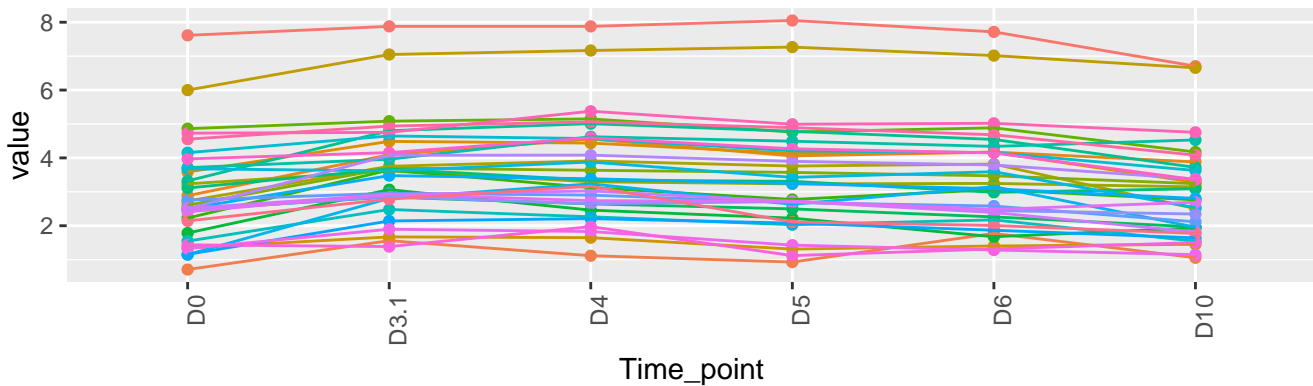
34 genes – WT-cluster-241-original



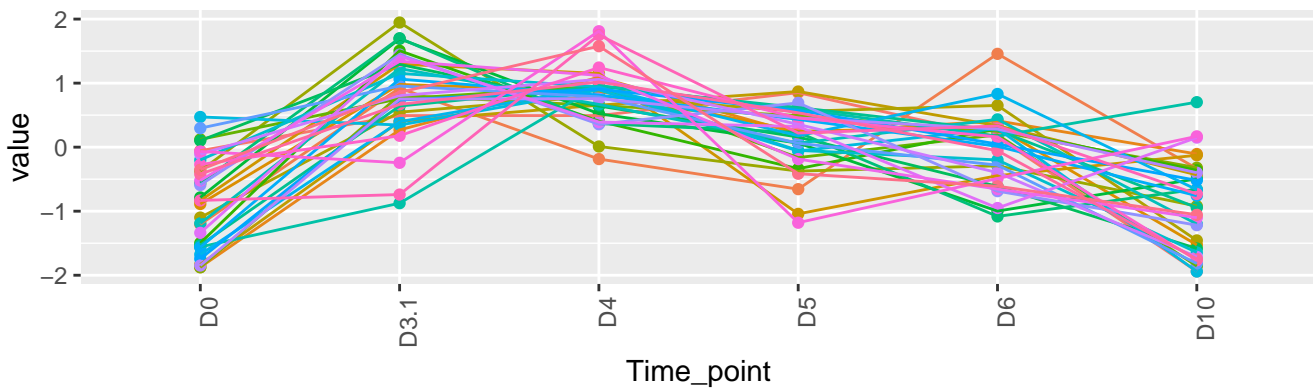
34 genes – WT-cluster-241-standardized



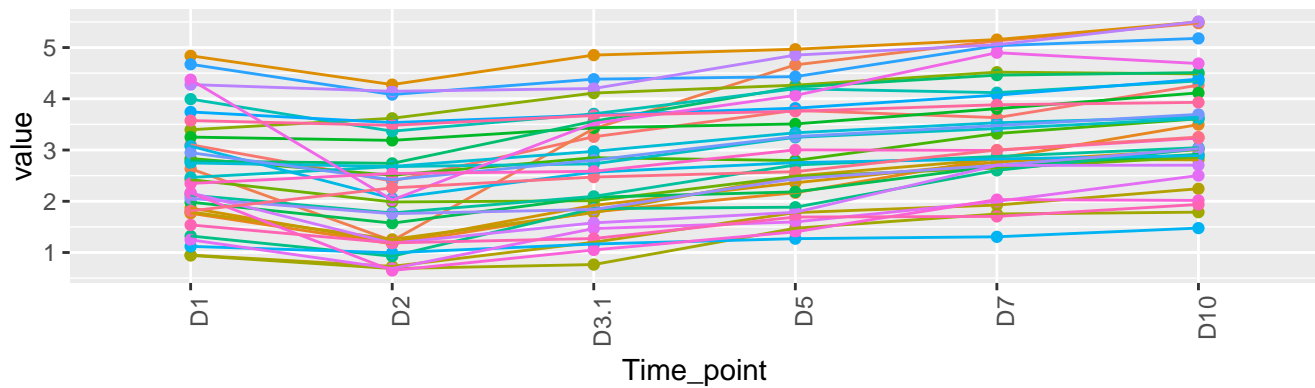
33 genes – KO-cluster-241-original



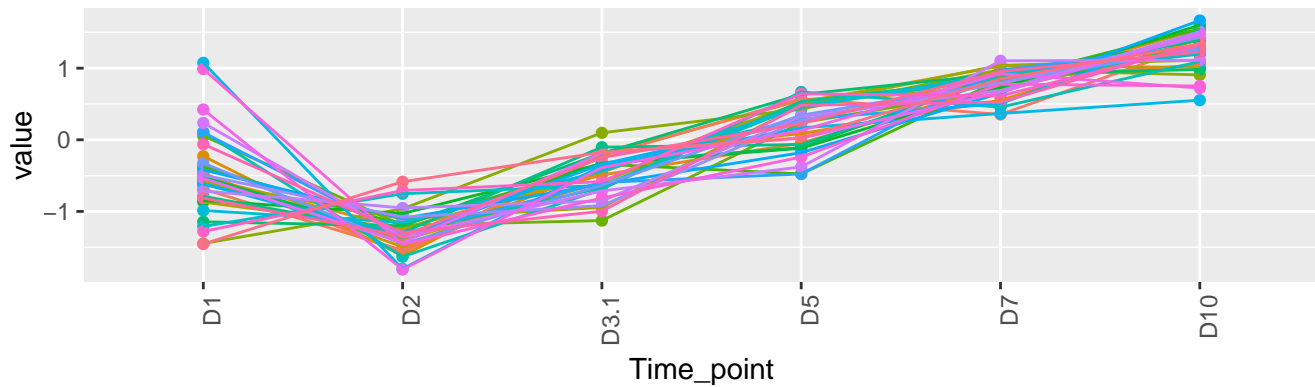
33 genes – KO-cluster-241-standardized



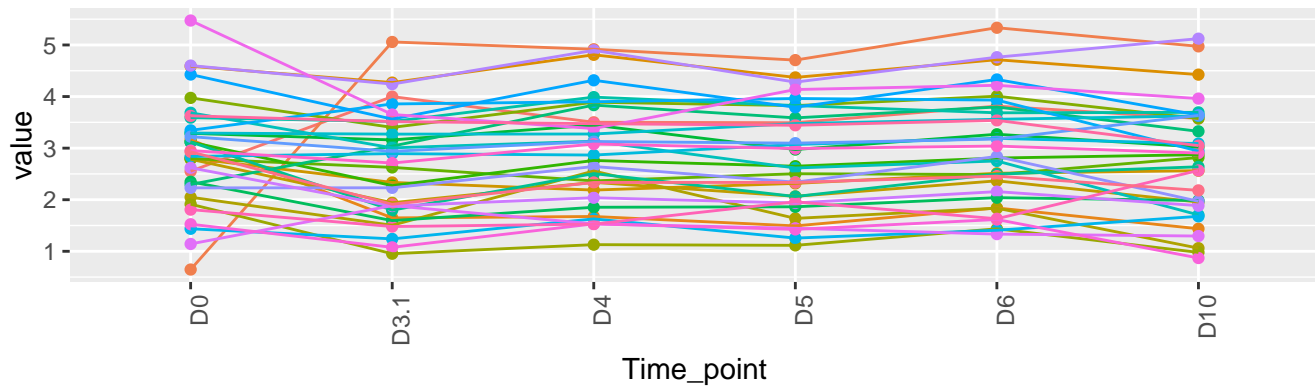
34 genes – WT-cluster-240-original



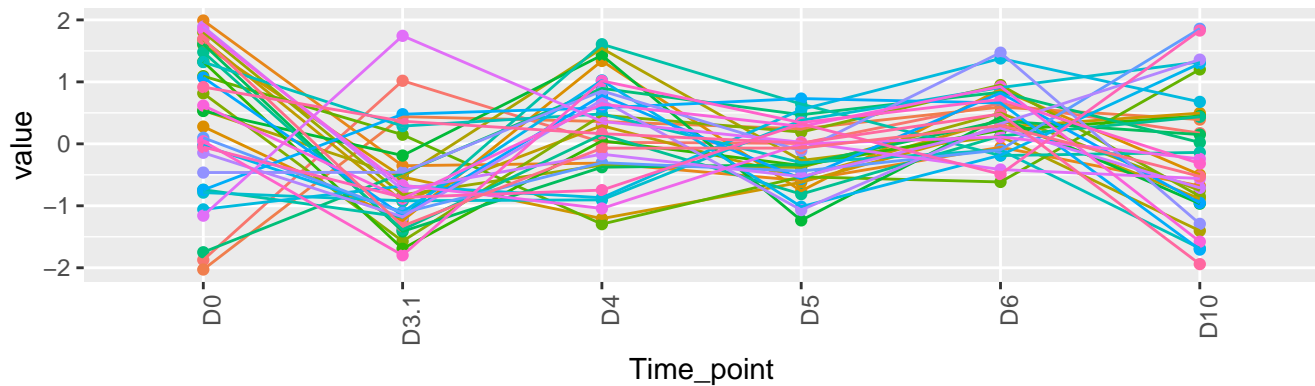
34 genes – WT-cluster-240-standardized



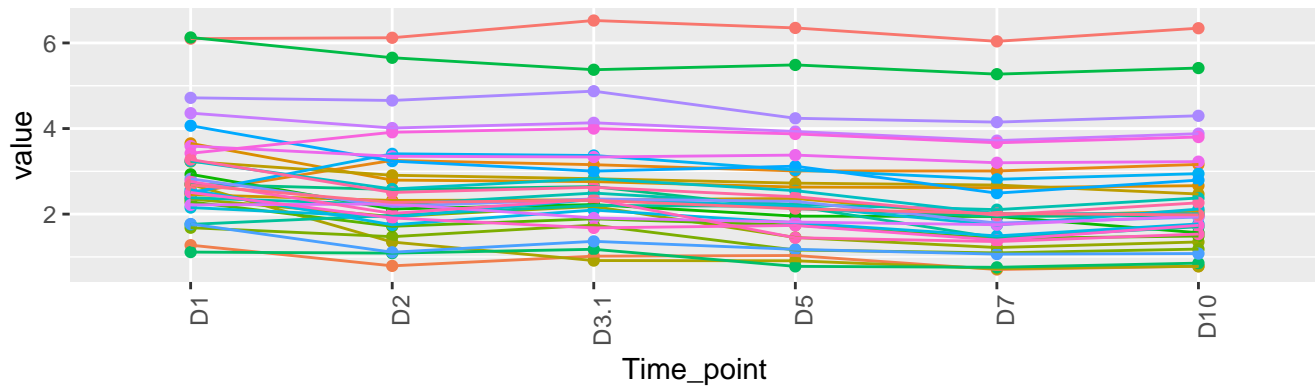
33 genes – KO-cluster-240-original



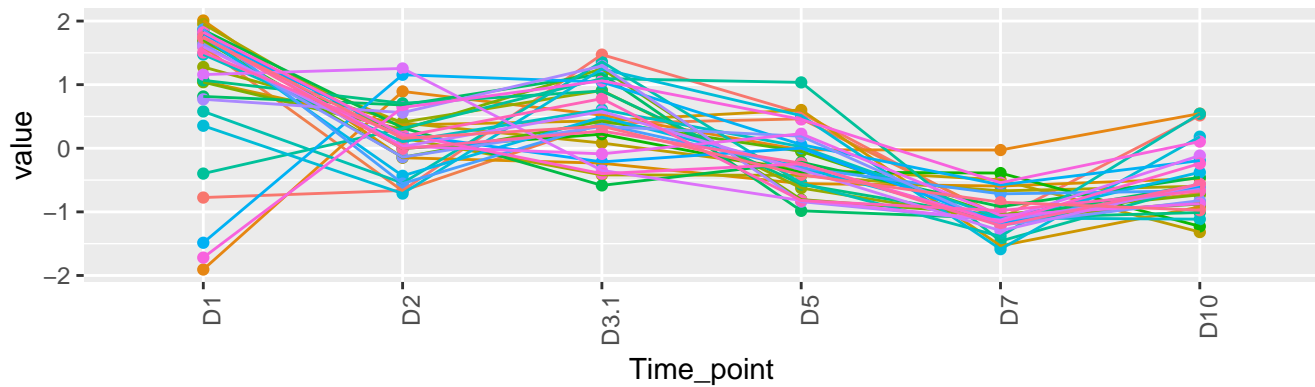
33 genes – KO-cluster-240-standardized



32 genes – WT-cluster-239-original



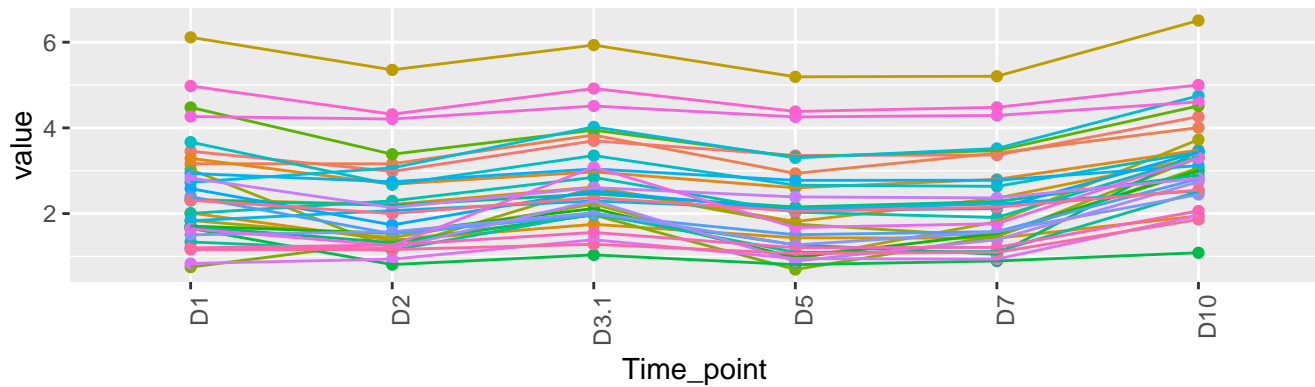
32 genes – WT-cluster-239-standardized



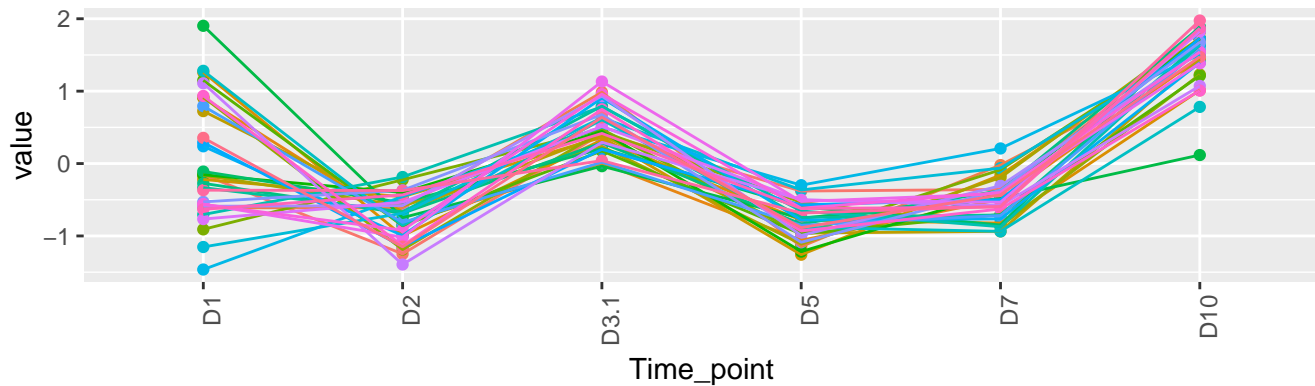
The graph displays the temporal evolution of 100 variables. The x-axis represents time points: D0, D3.1, D4, D5, D6, and D10. The y-axis represents the value of the variables, ranging from 0 to 100. The variables are represented by lines of different colors. Most variables show a peak around D3.1 and D4, followed by a decline. A few variables remain high throughout the period.

The graph displays the temporal evolution of gene expression for 1000 randomly selected genes. The y-axis, labeled 'value', ranges from -1 to 1. The x-axis, labeled 'Time_point', includes D0, D3.1, D4, D5, D6, and D10. The lines represent individual genes, with colors corresponding to their cluster assignments. The plot shows a high degree of variability in gene expression patterns over time, with many genes showing a peak at D3.1 and a subsequent decline or stabilization at later time points.

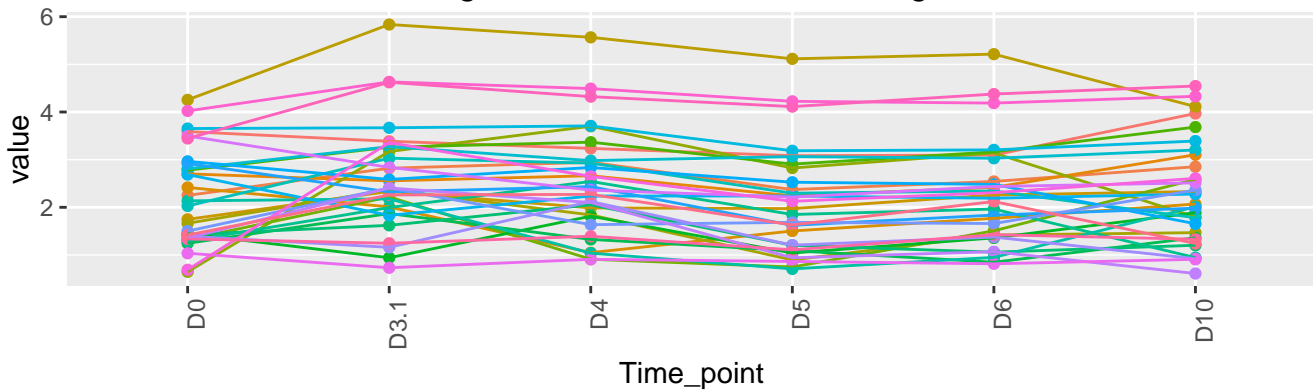
32 genes – WT-cluster-238-original



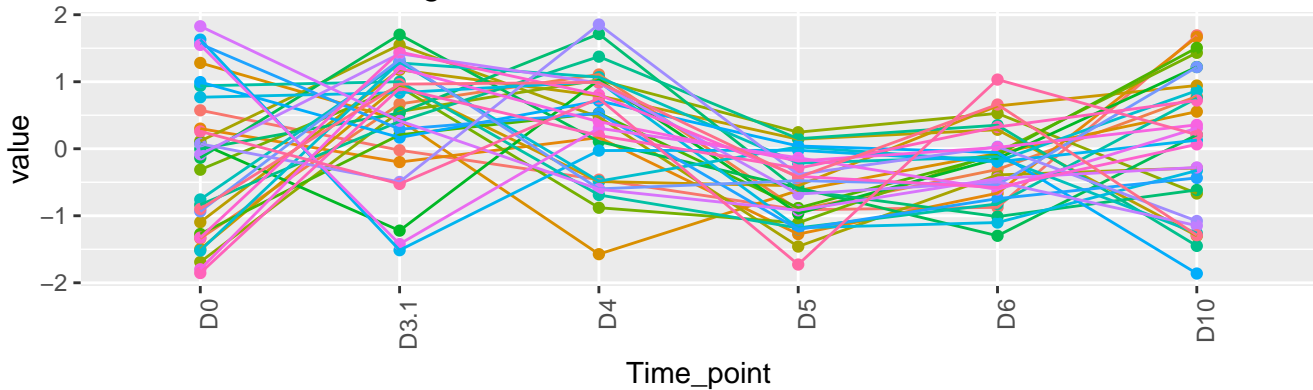
32 genes – WT-cluster-238-standardized



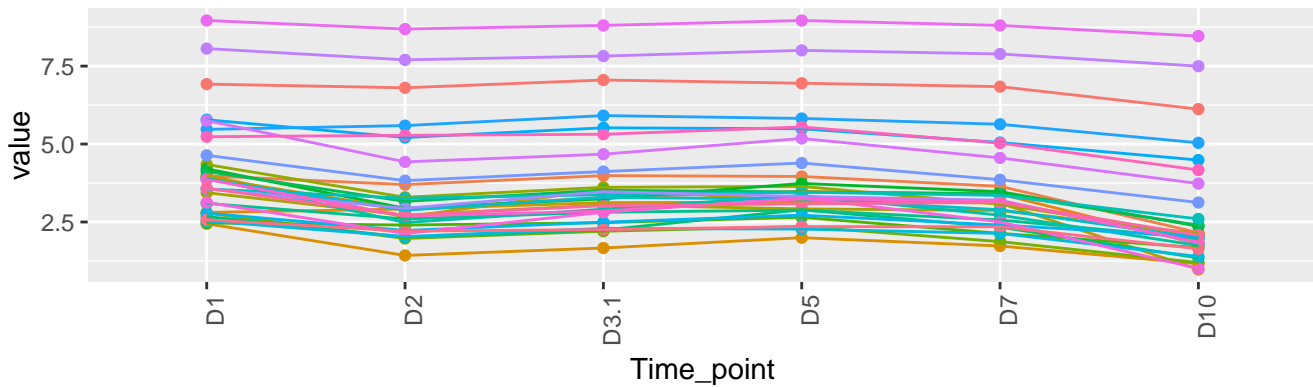
31 genes – KO-cluster-238-original



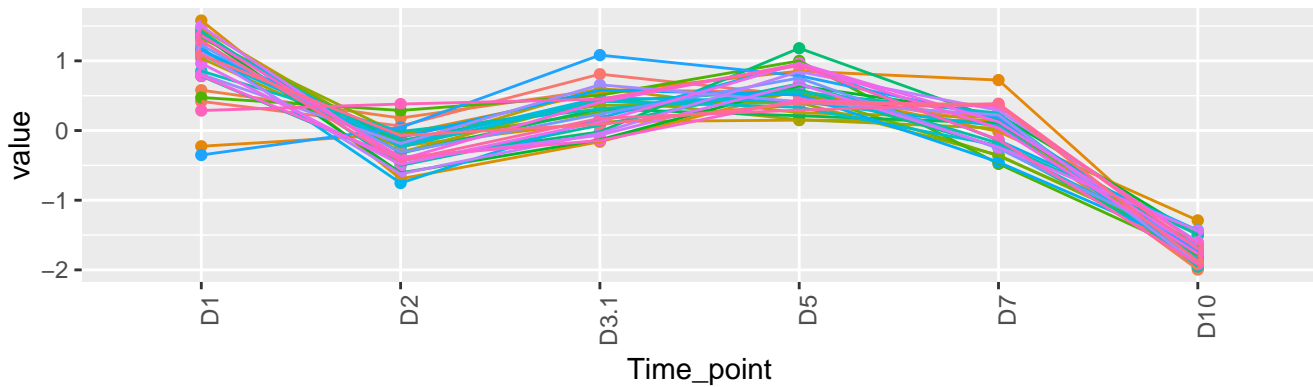
31 genes – KO-cluster-238-standardized



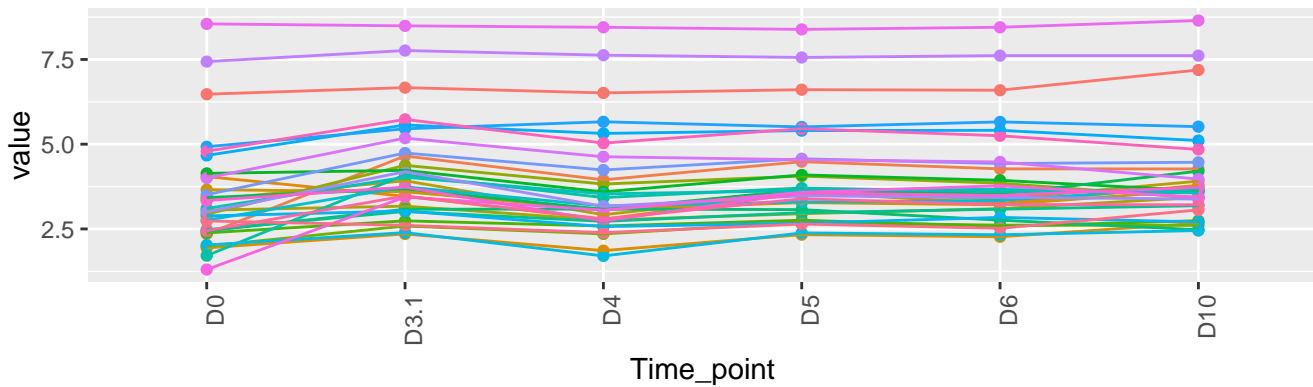
31 genes – WT-cluster-237-original



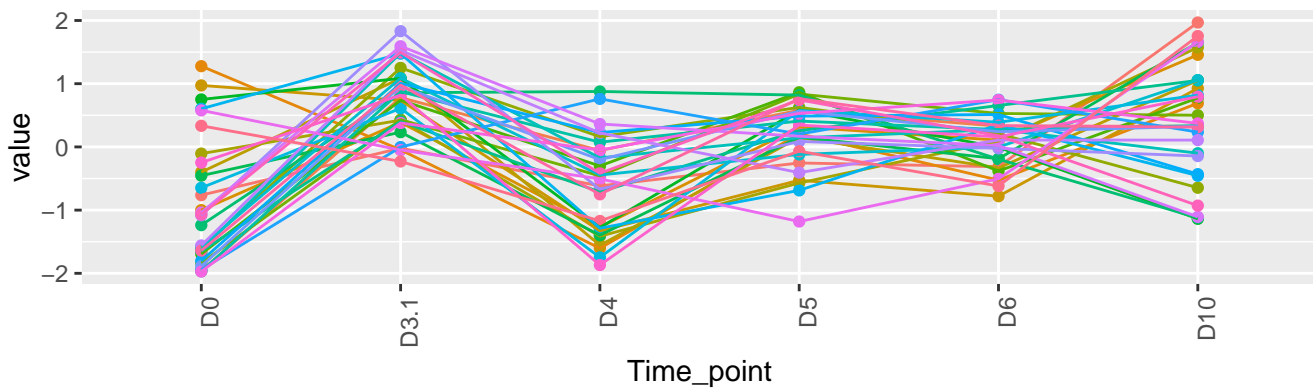
31 genes – WT-cluster-237-standardized



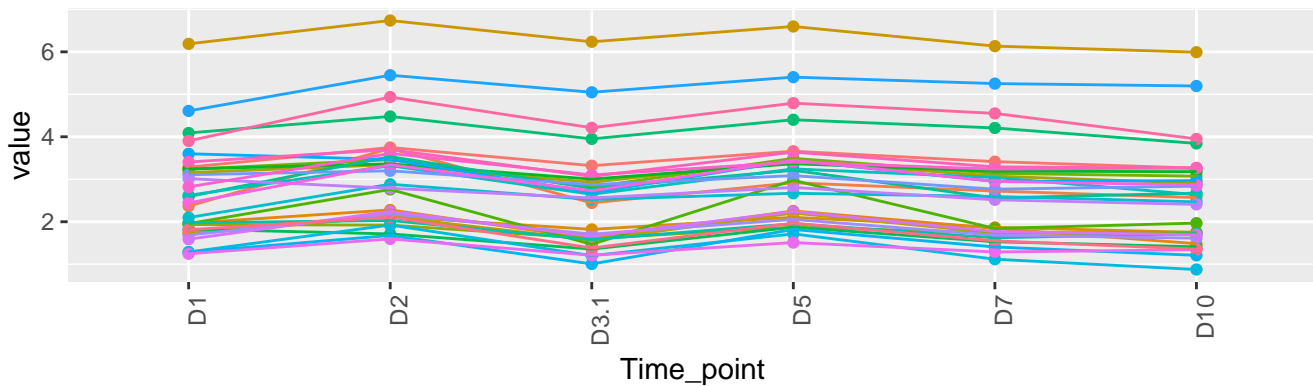
31 genes – KO-cluster-237-original



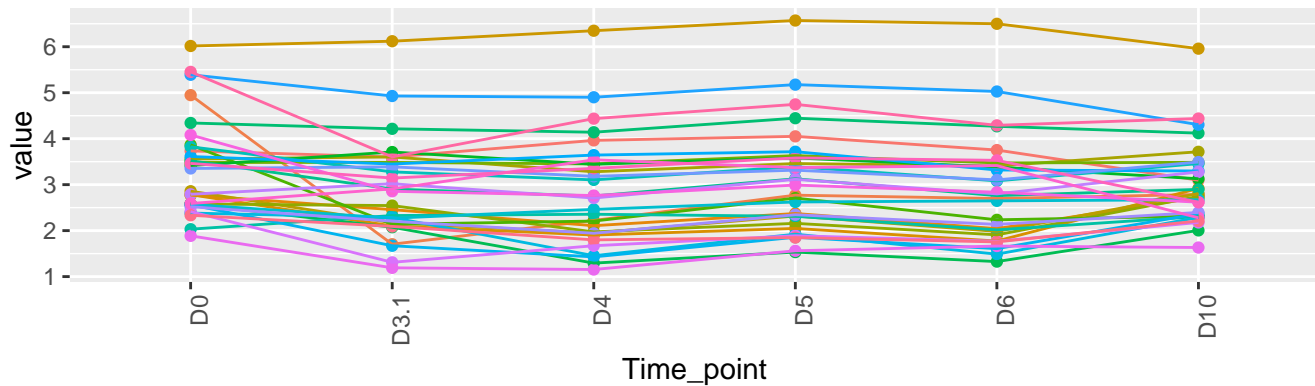
31 genes – KO-cluster-237-standardized



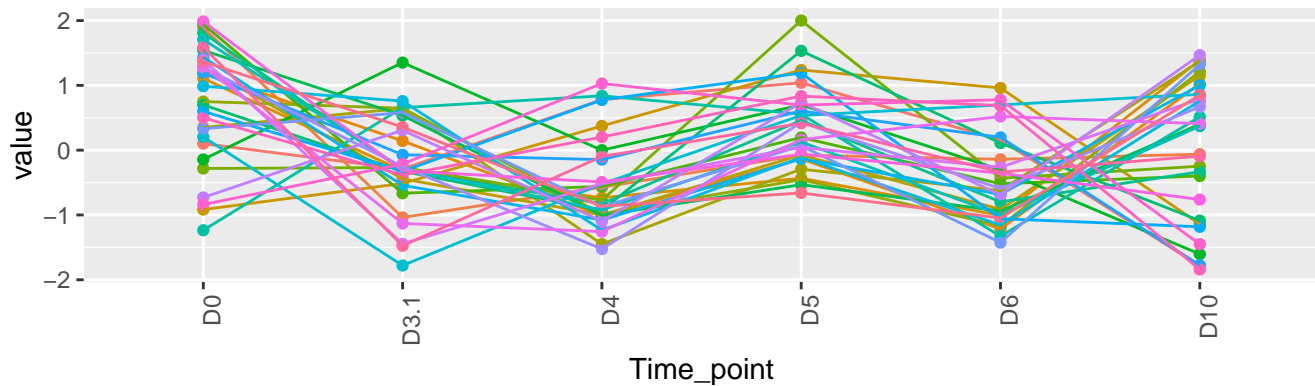
31 genes – WT-cluster-236-original



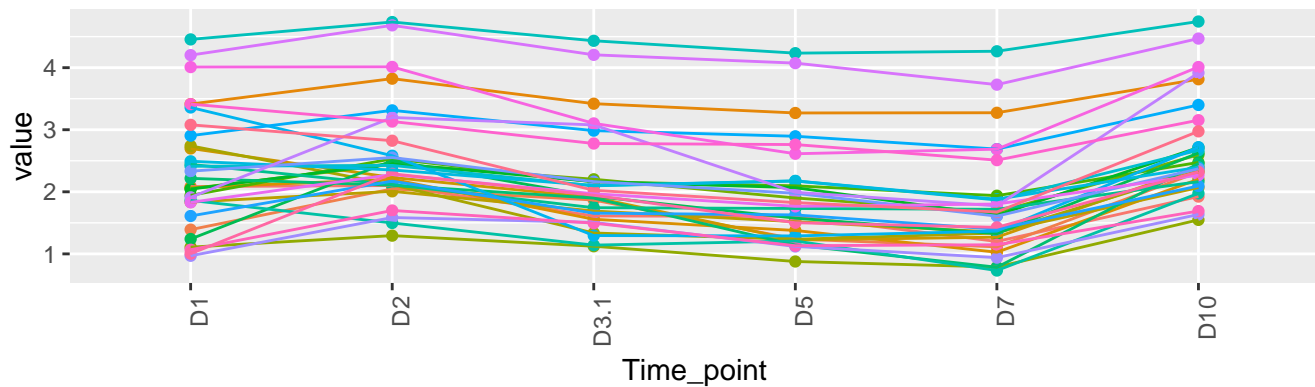
31 genes – KO-cluster-236-original



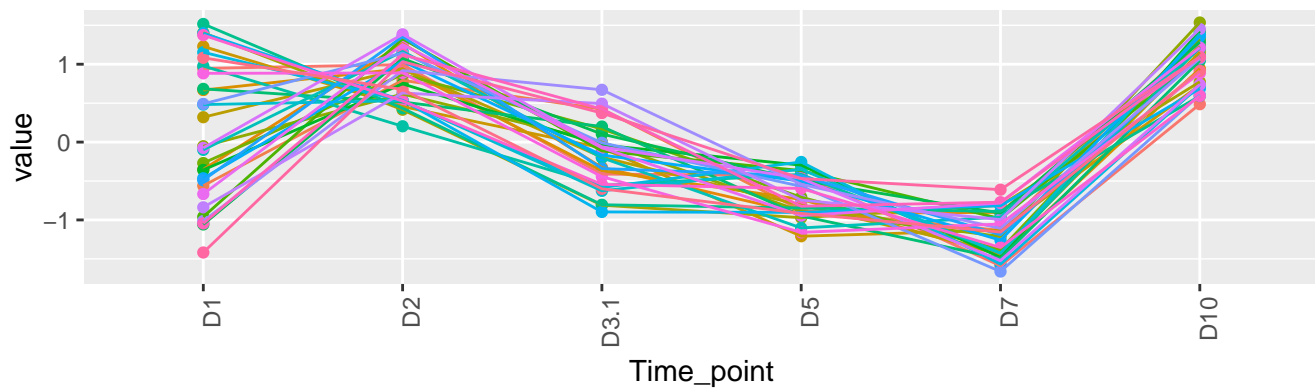
31 genes – KO-cluster-236-standardized



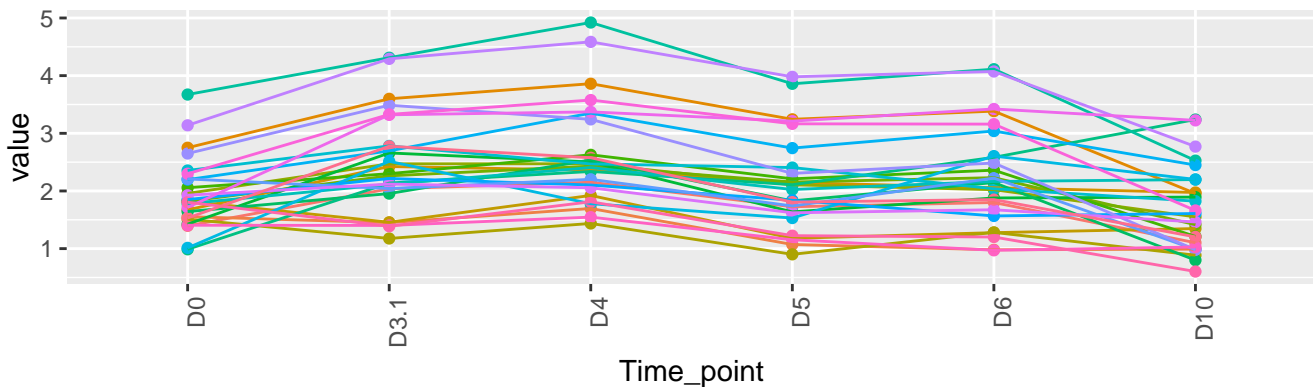
31 genes – WT-cluster-235-original



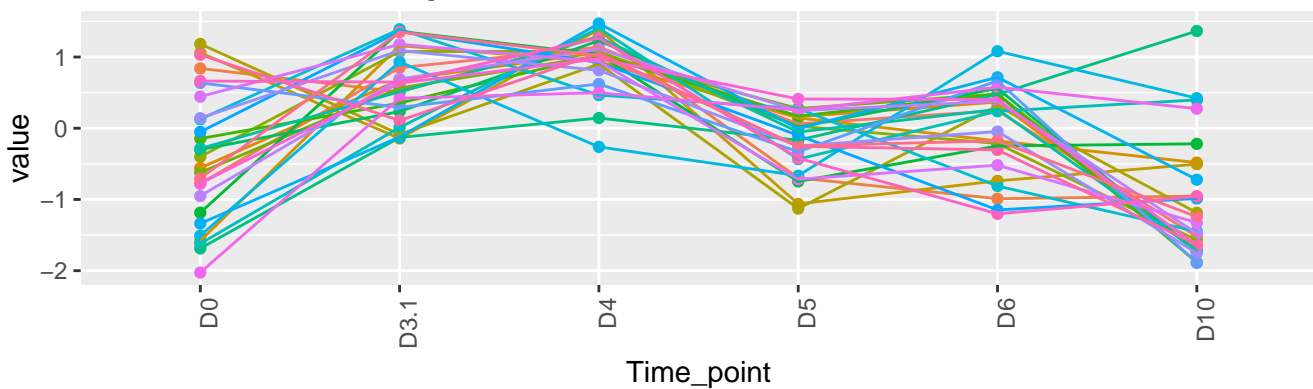
31 genes – WT-cluster-235-standardized



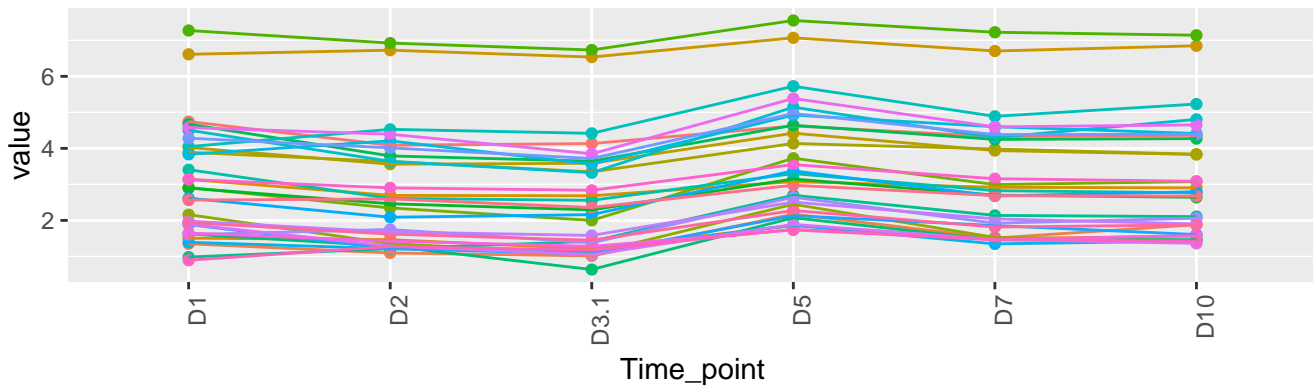
27 genes – KO-cluster-235-original



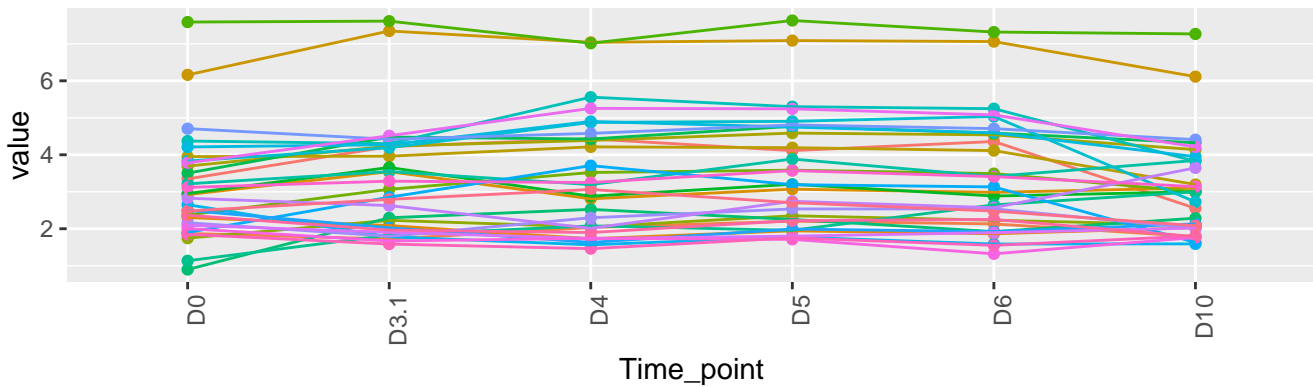
27 genes – KO-cluster-235-standardized



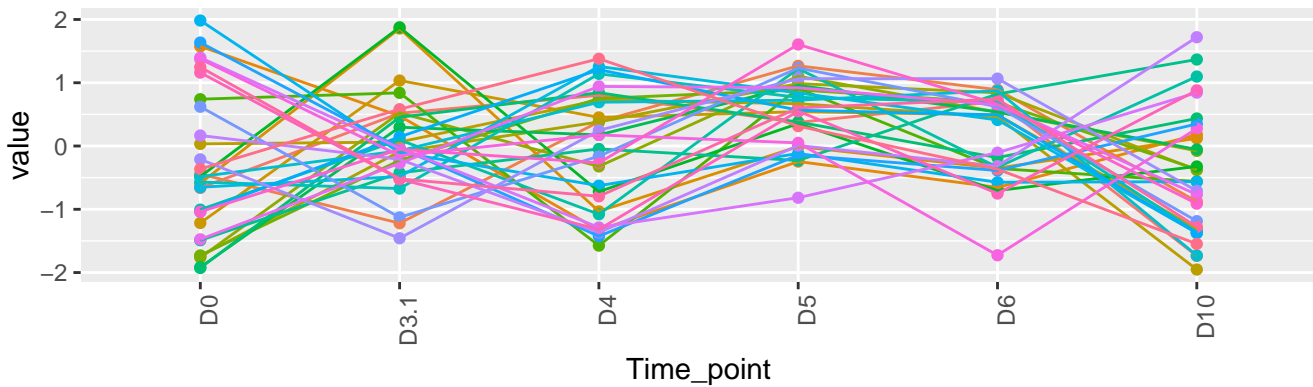
31 genes – WT-cluster-234-original



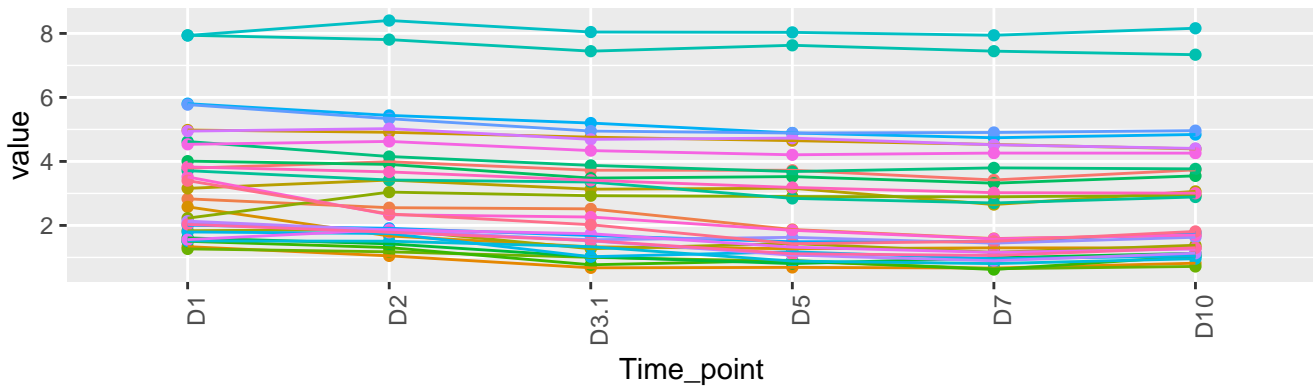
31 genes – KO-cluster-234-original



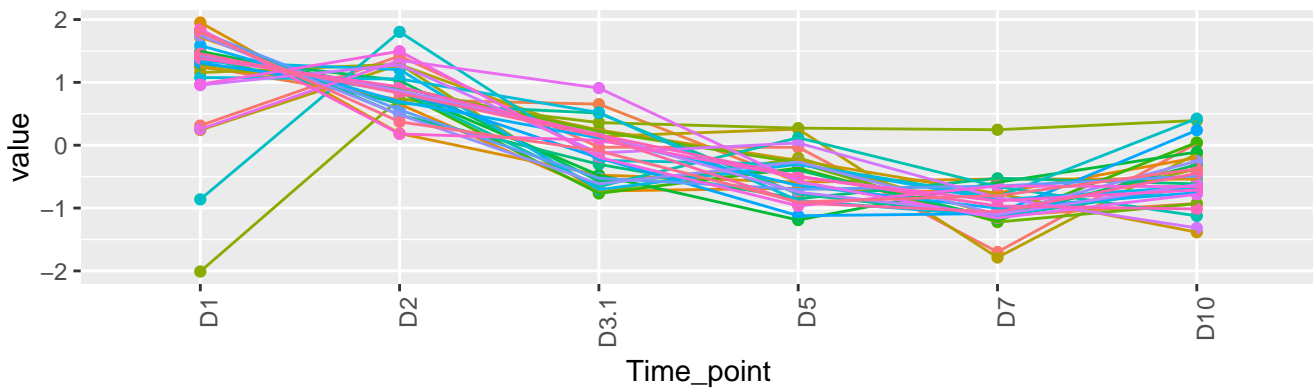
31 genes – KO-cluster-234-standardized



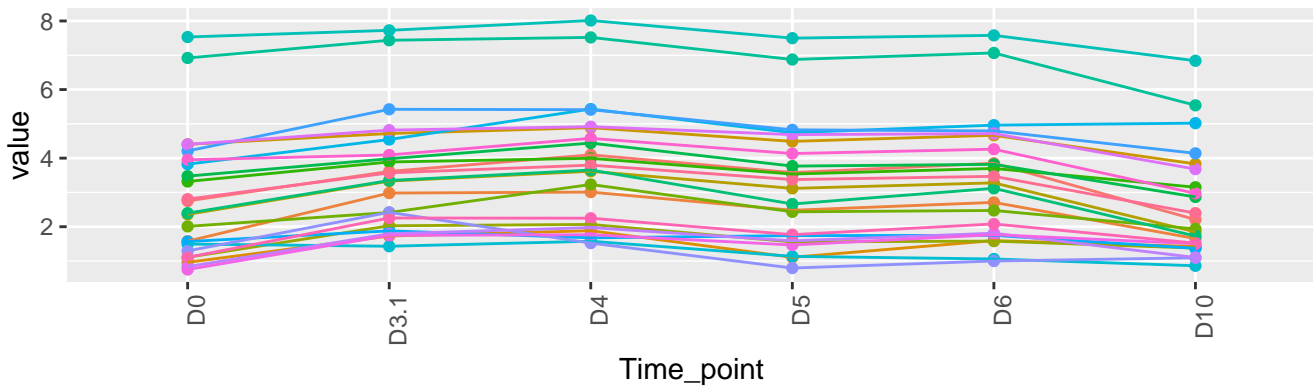
30 genes – WT-cluster-233-original



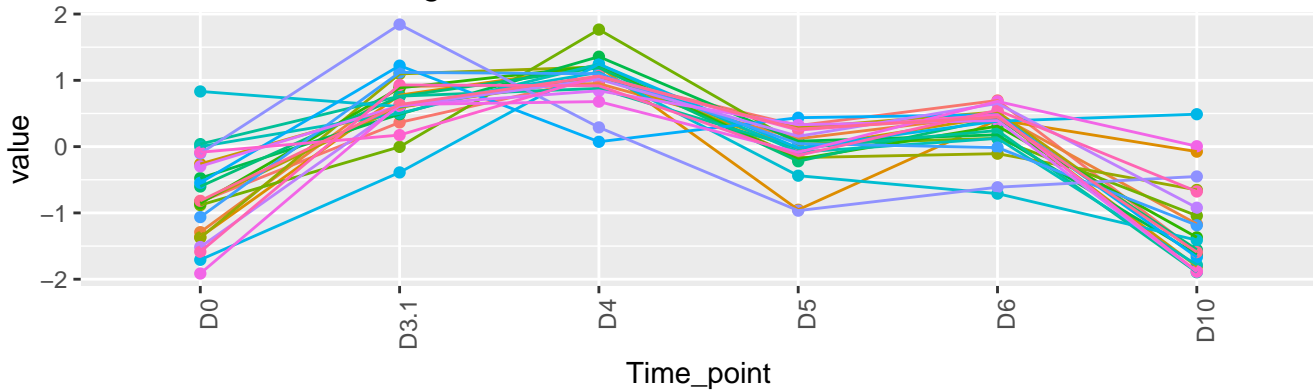
30 genes – WT-cluster-233-standardized



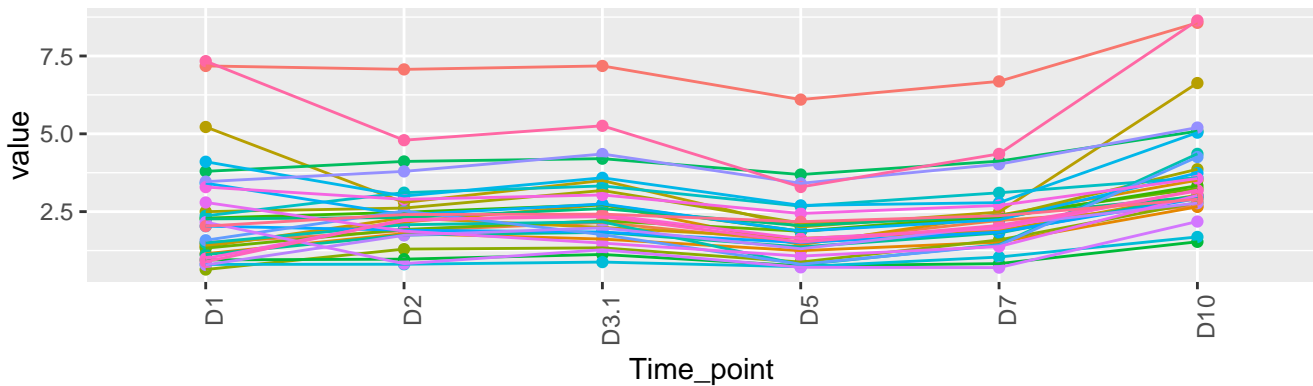
23 genes – KO-cluster-233-original



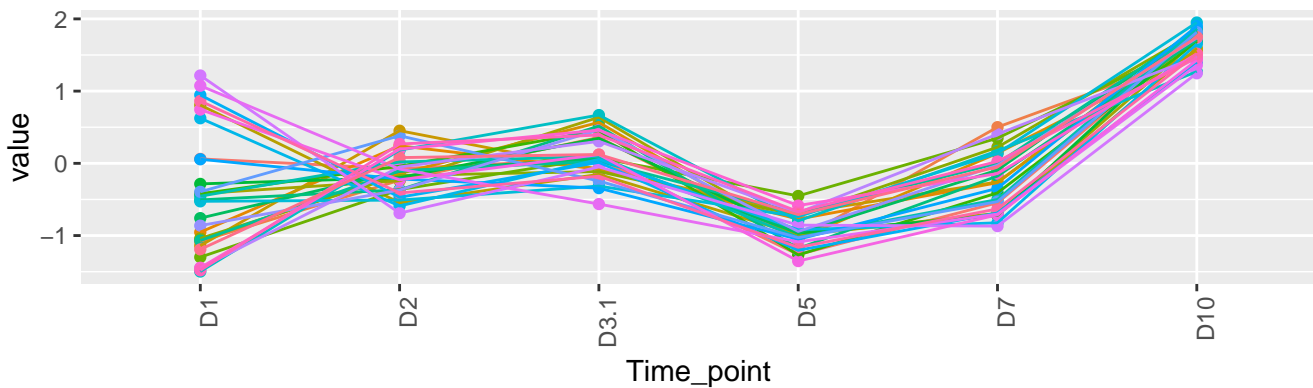
23 genes – KO-cluster-233-standardized



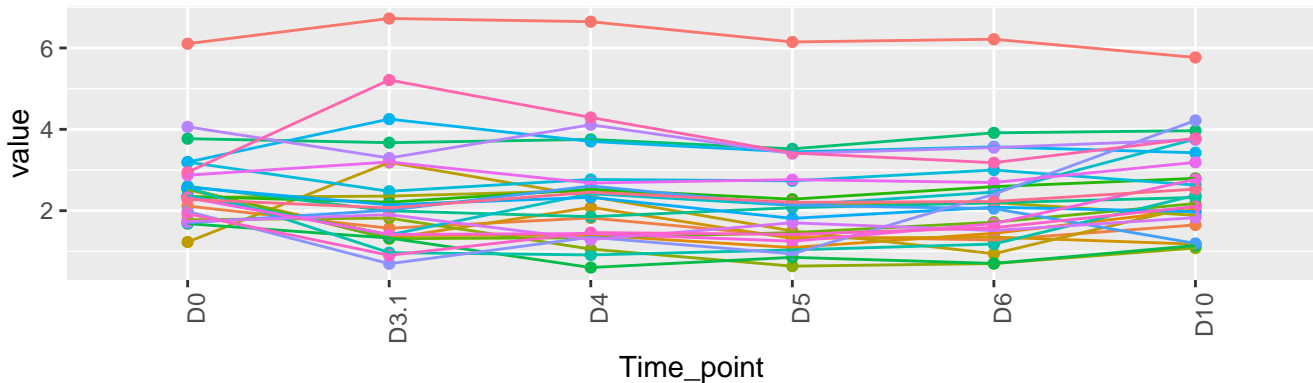
30 genes – WT-cluster-232-original



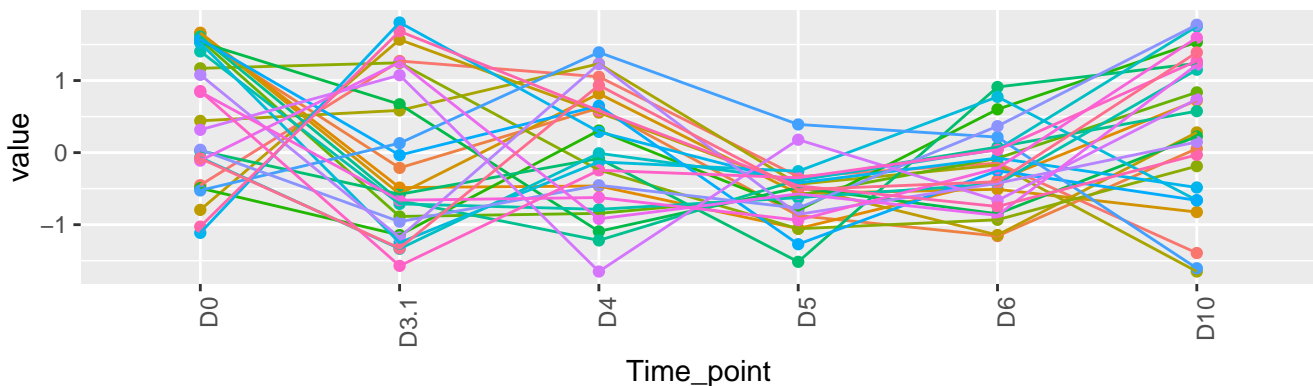
30 genes – WT-cluster-232-standardized



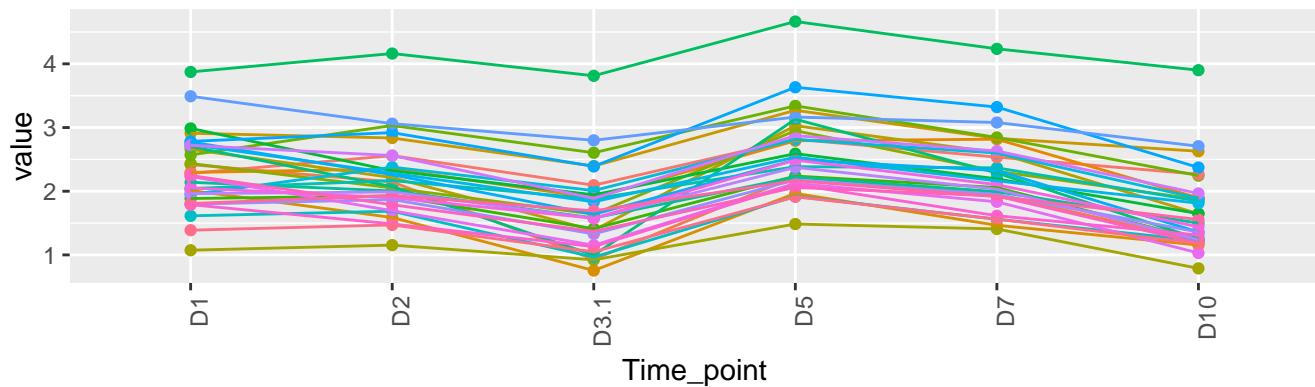
26 genes – KO-cluster-232-original



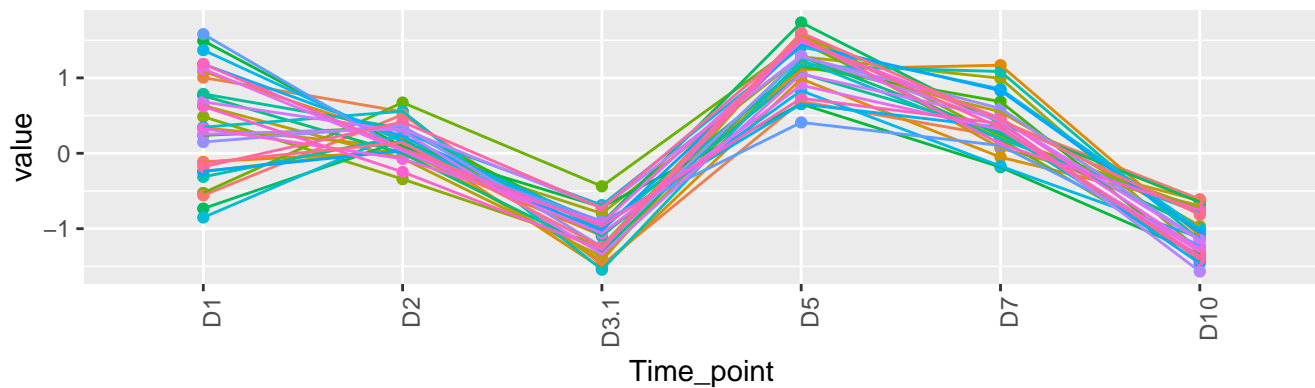
26 genes – KO-cluster-232-standardized



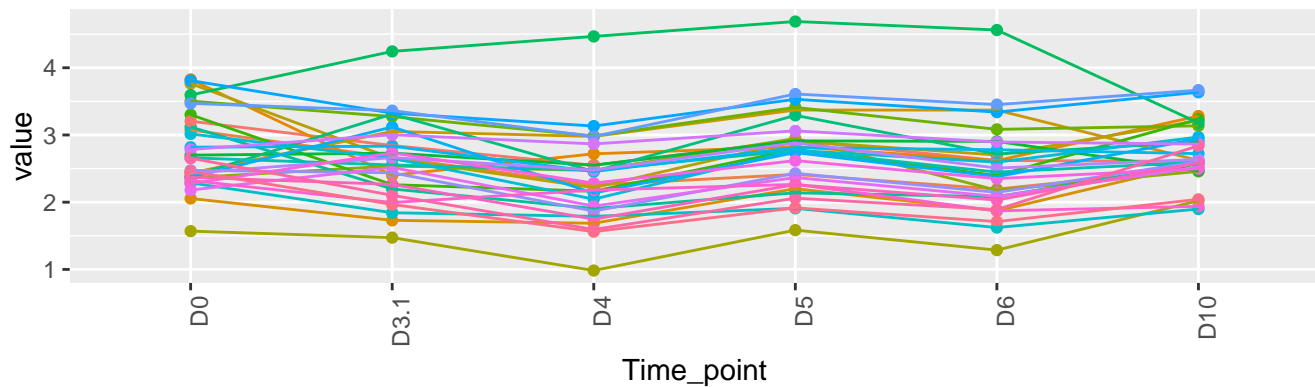
30 genes – WT-cluster-231-original



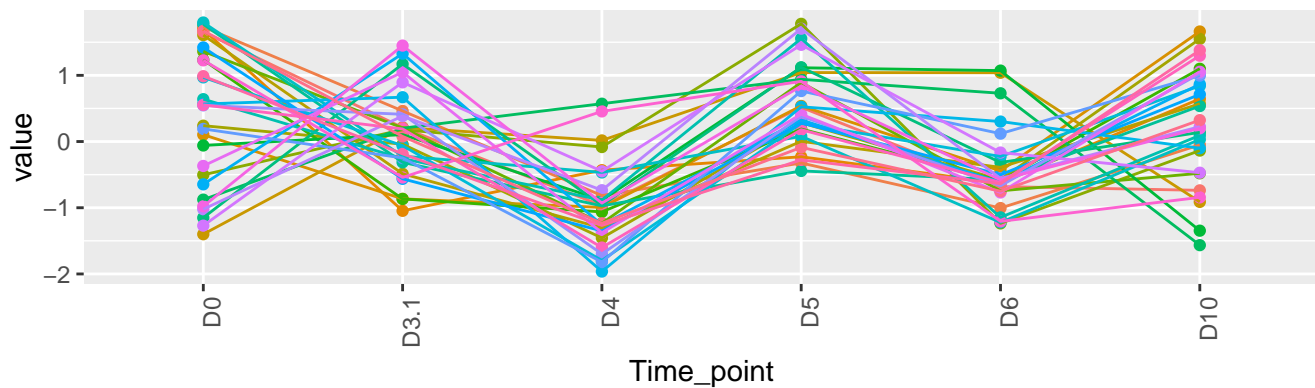
30 genes – WT-cluster-231-standardized



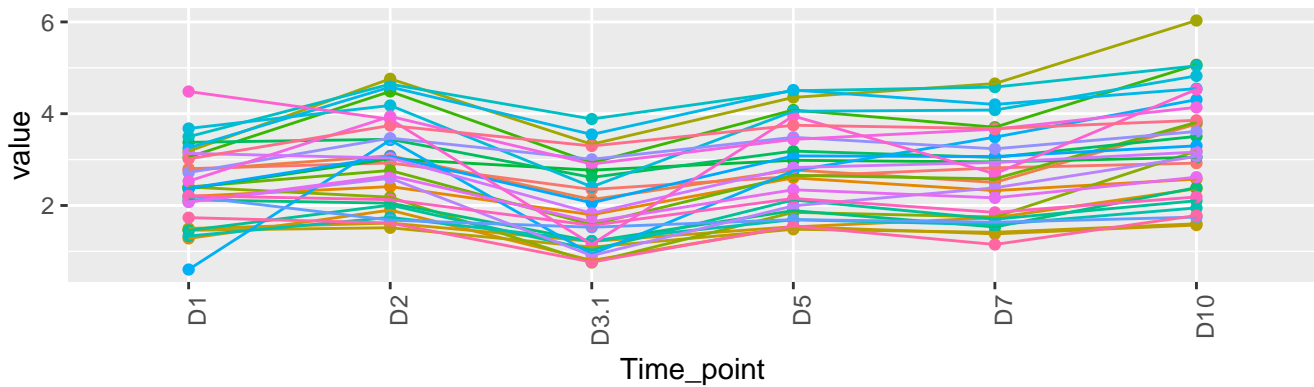
30 genes – KO-cluster-231-original



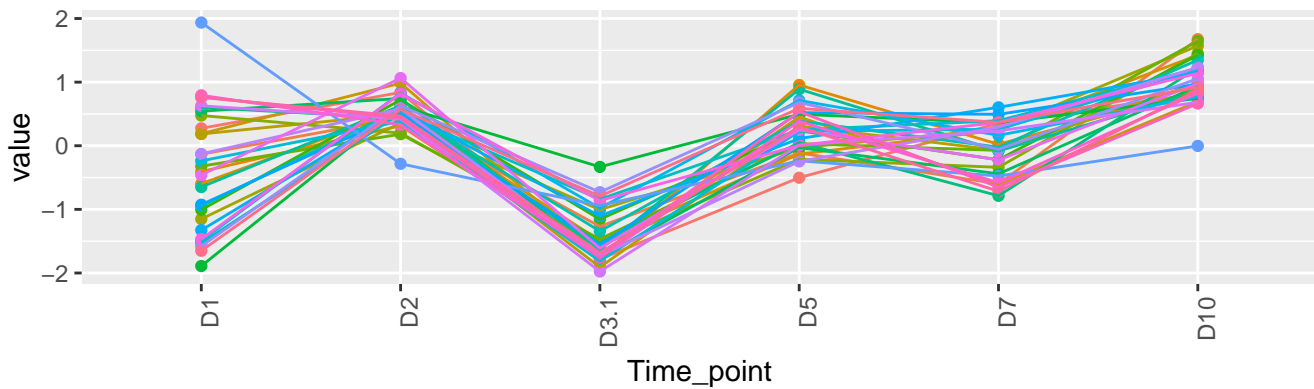
30 genes – KO-cluster-231-standardized



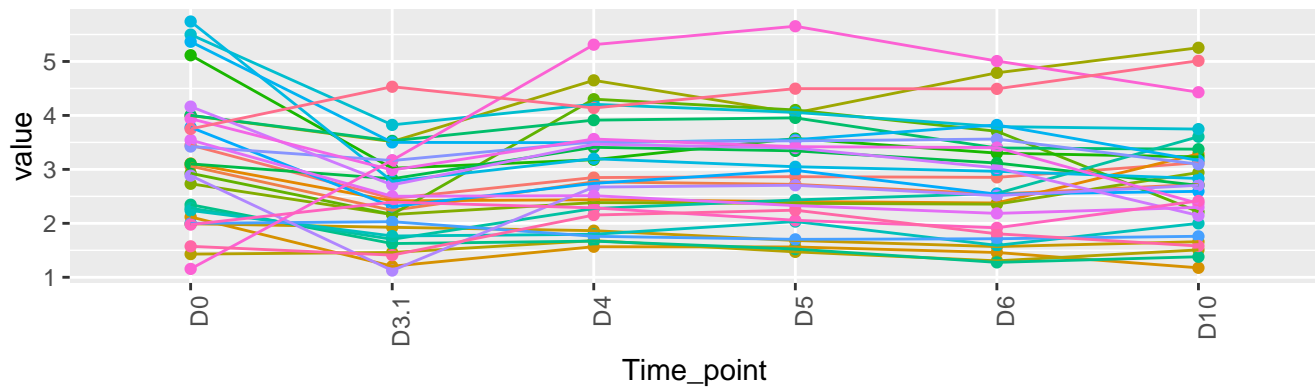
30 genes – WT-cluster-230-original



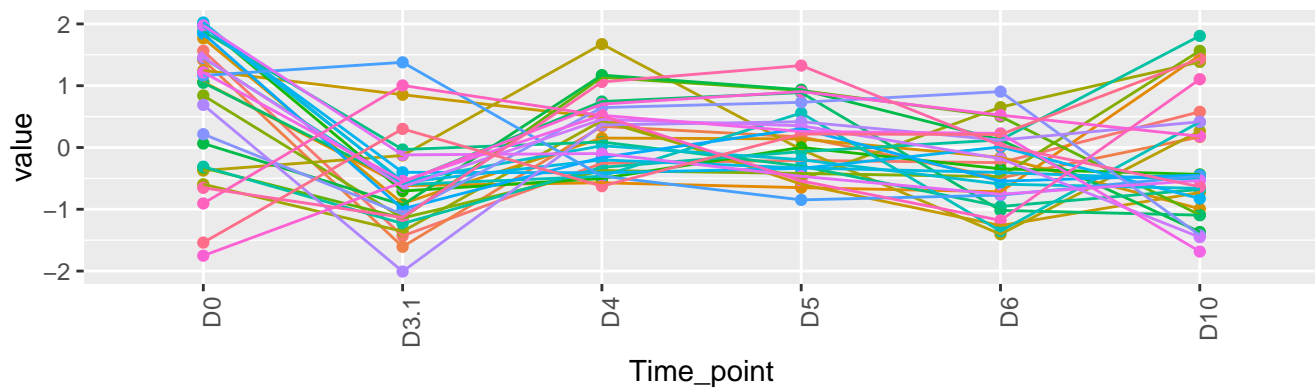
30 genes – WT-cluster-230-standardized



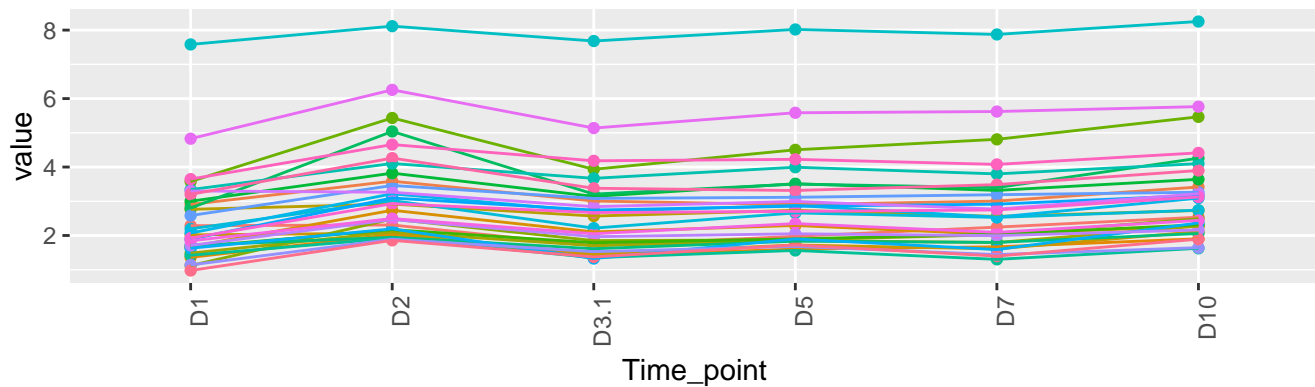
29 genes – KO-cluster-230-original



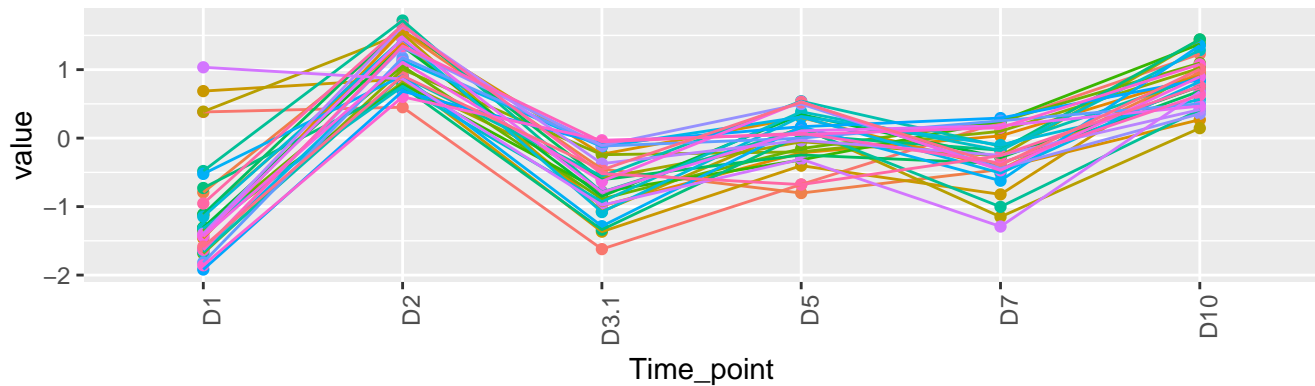
29 genes – KO-cluster-230-standardized



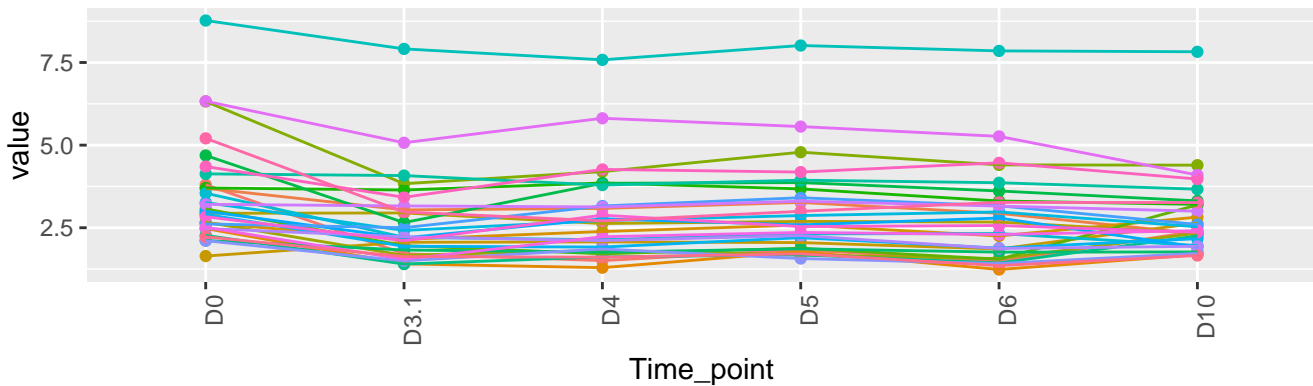
30 genes – WT-cluster-229-original



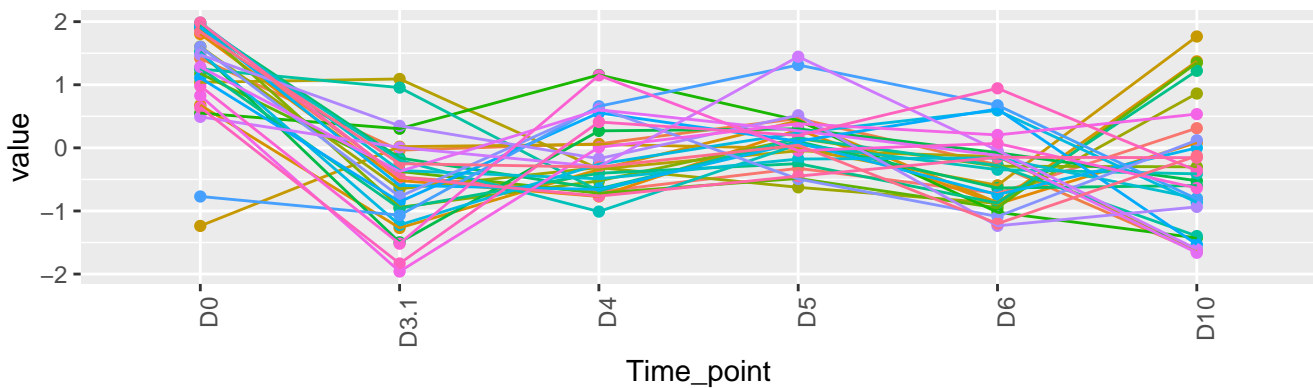
30 genes – WT-cluster-229-standardized



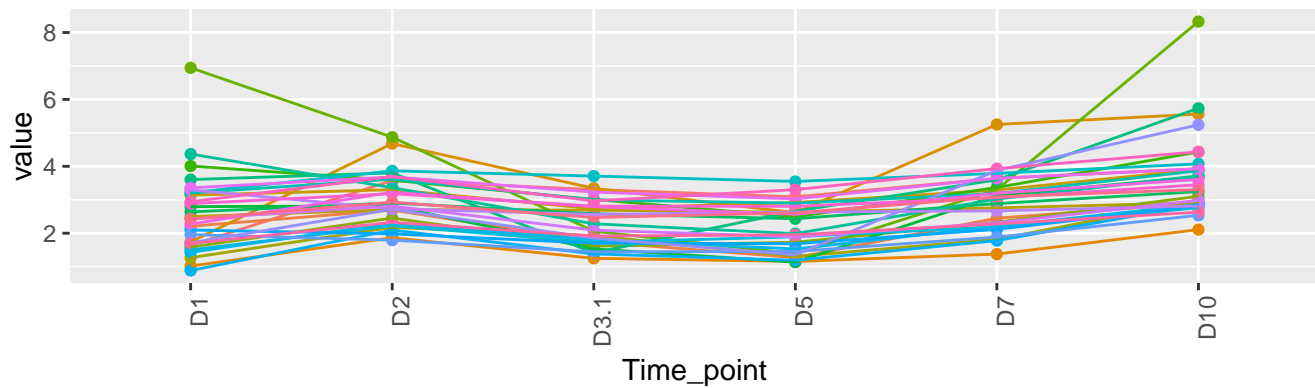
29 genes – KO-cluster-229-original



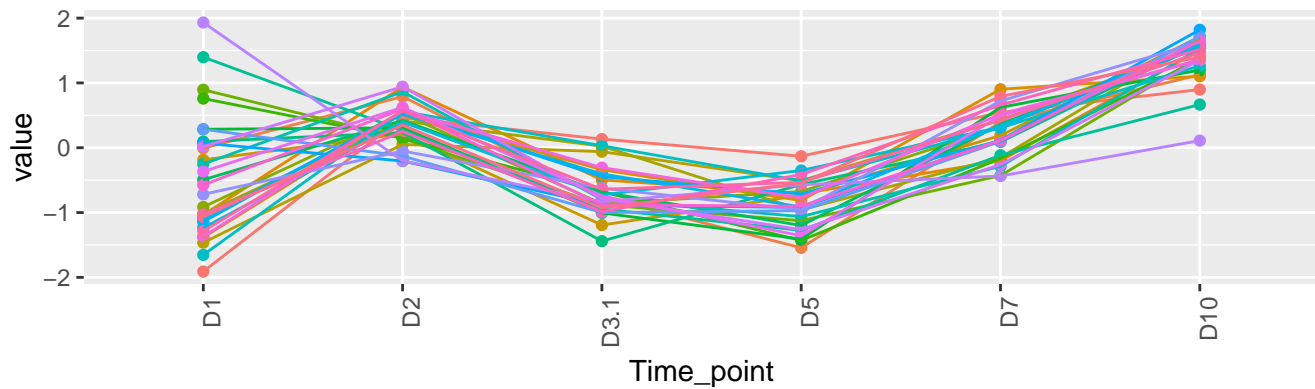
29 genes – KO-cluster-229-standardized



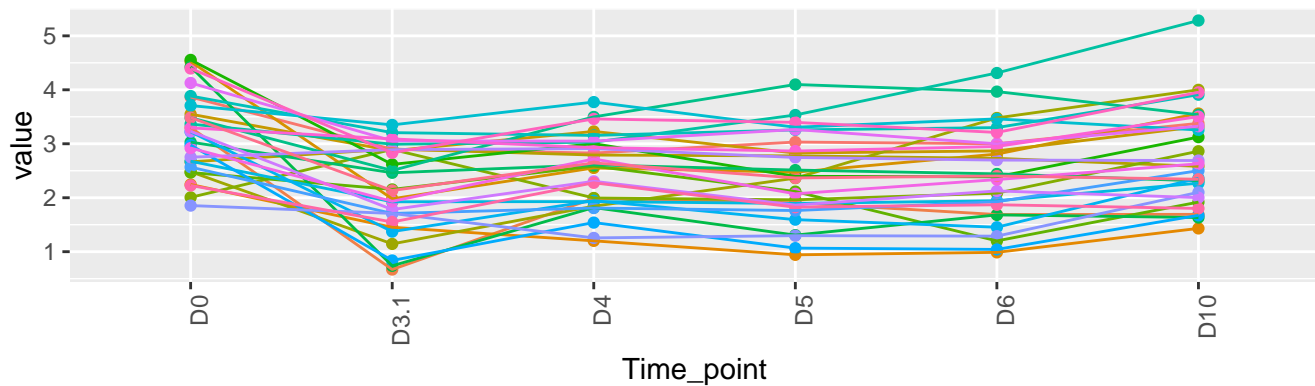
30 genes – WT-cluster-228-original



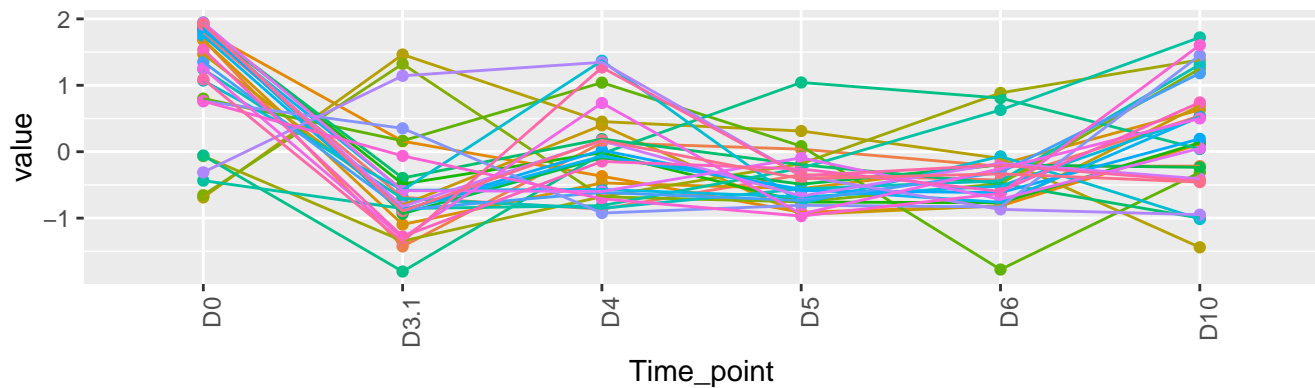
30 genes – WT-cluster-228-standardized



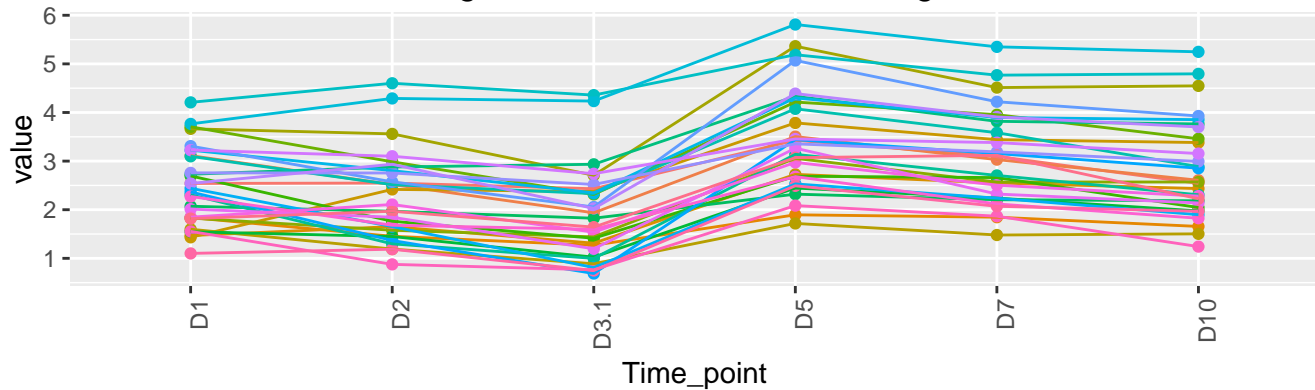
29 genes – KO-cluster-228-original



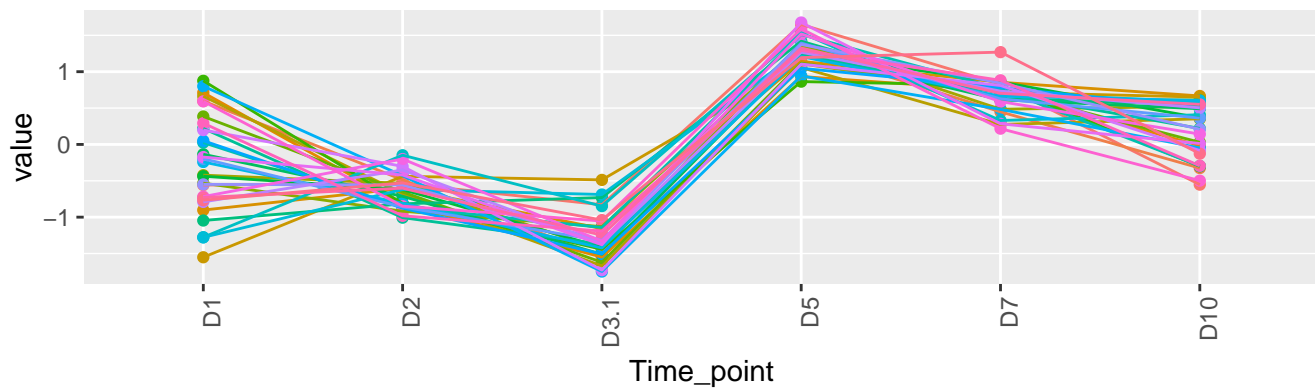
29 genes – KO-cluster-228-standardized



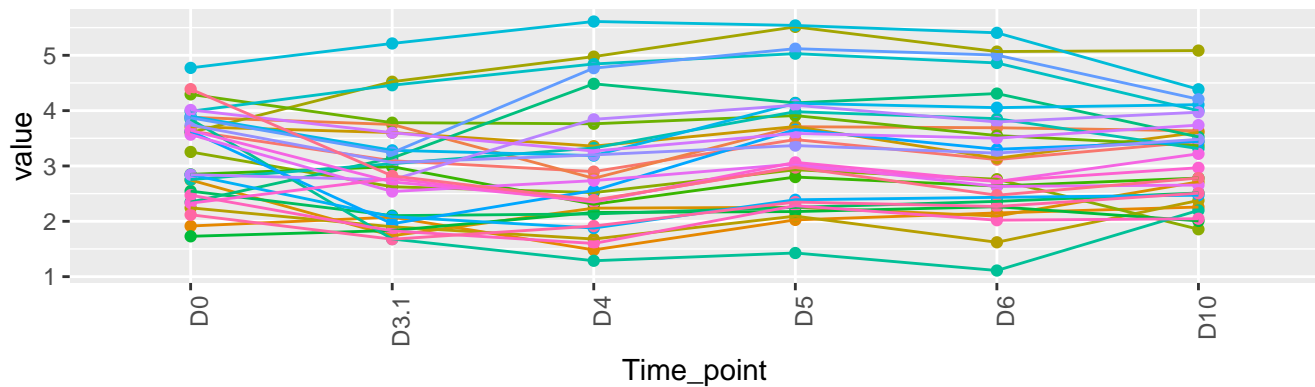
30 genes – WT-cluster-227-original



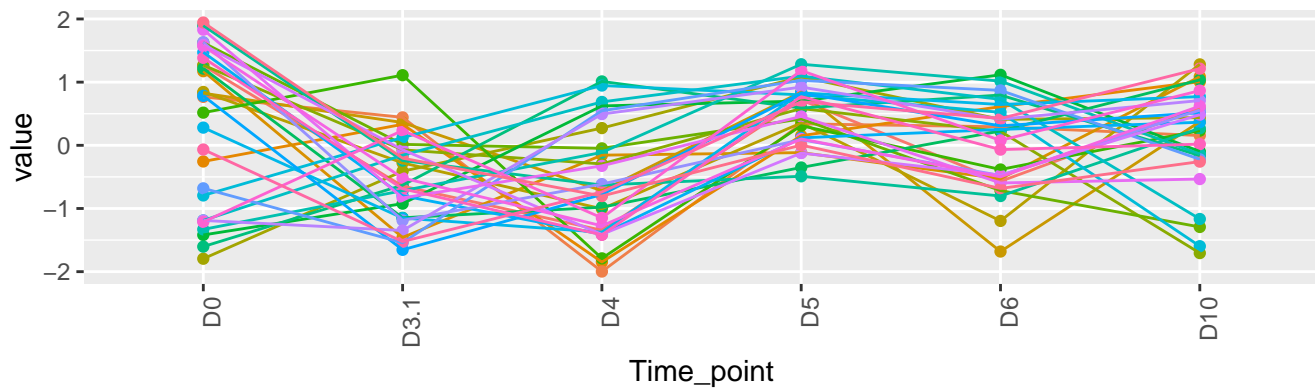
30 genes – WT-cluster-227-standardized



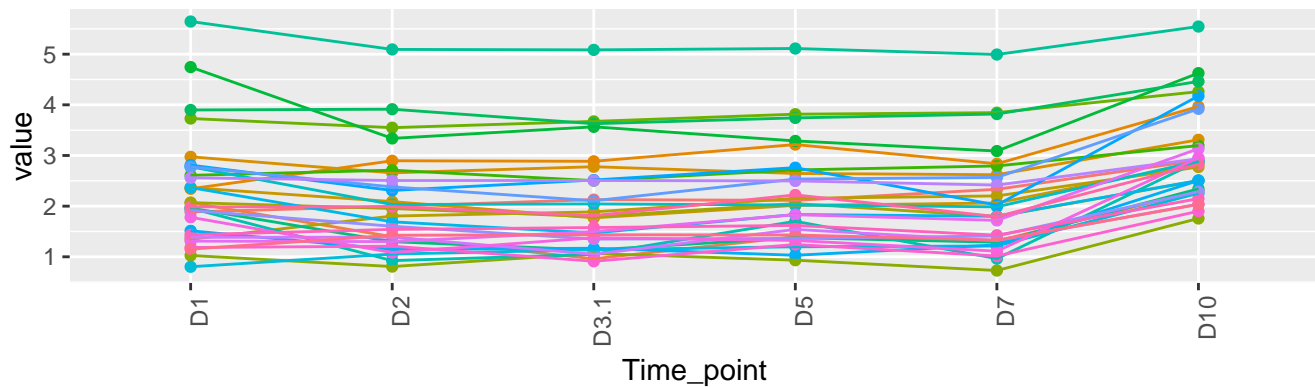
30 genes – KO-cluster-227-original



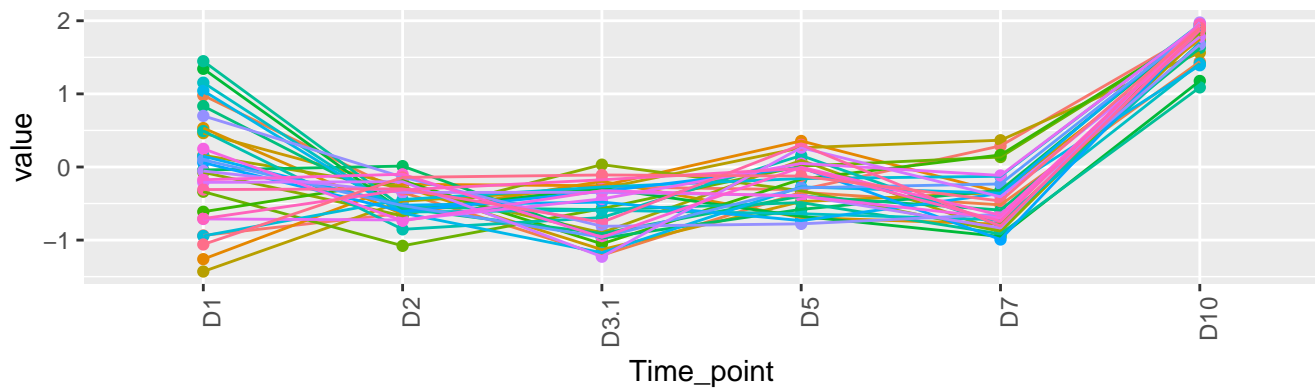
30 genes – KO-cluster-227-standardized



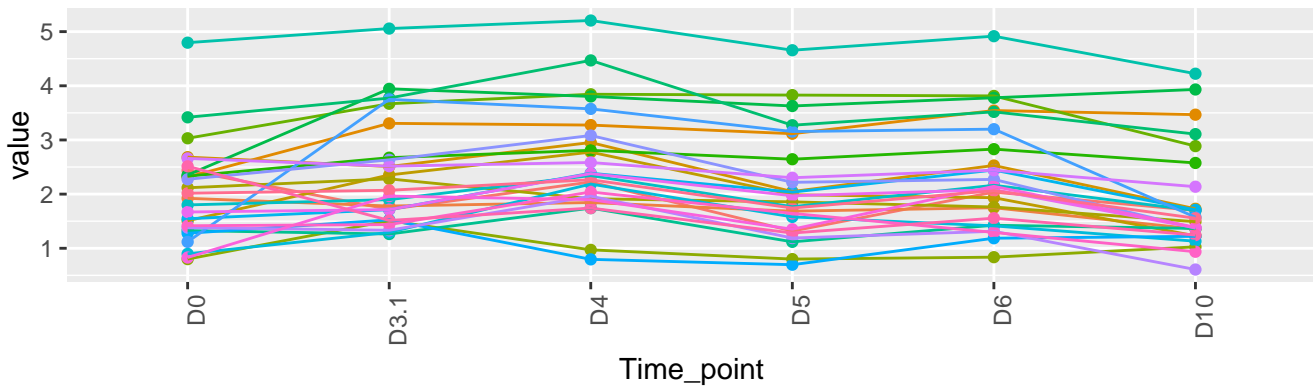
30 genes – WT-cluster-226-original



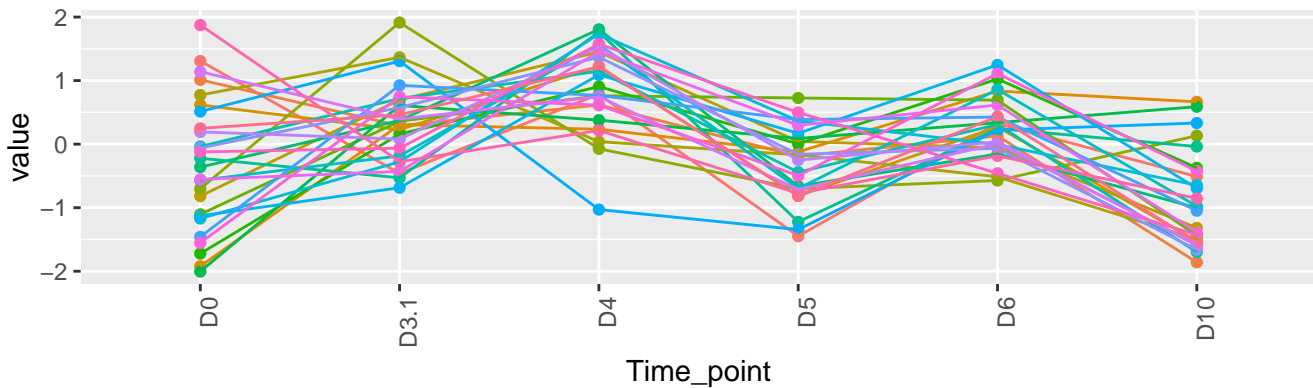
30 genes – WT-cluster-226-standardized



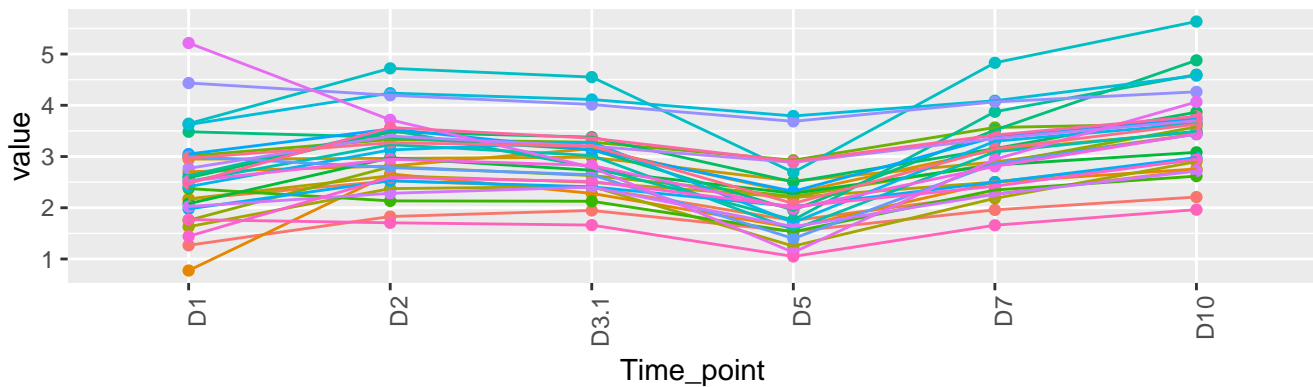
26 genes – KO-cluster-226-original



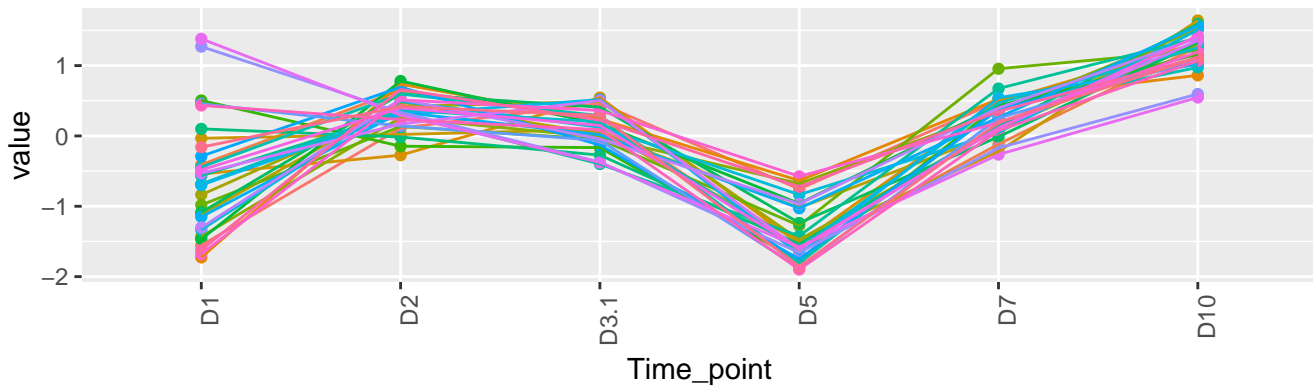
26 genes – KO-cluster-226-standardized



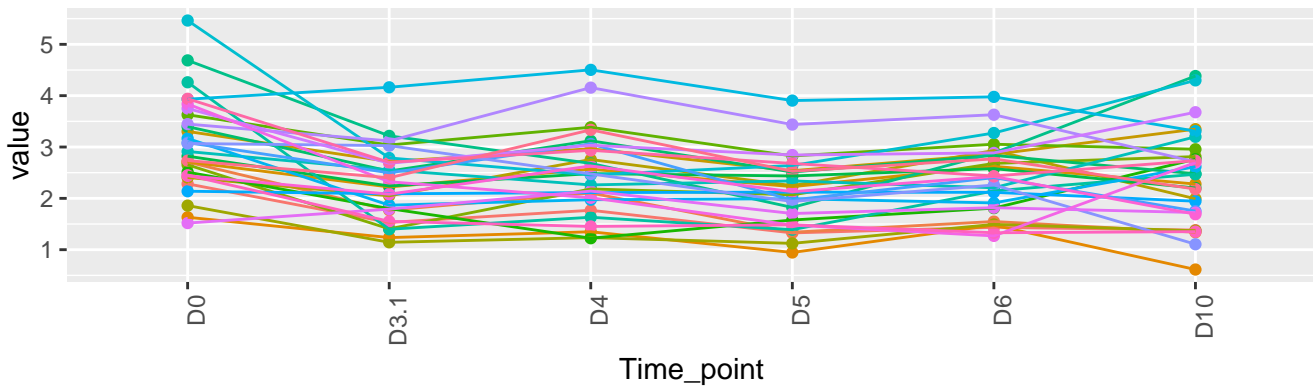
30 genes – WT-cluster-225-original



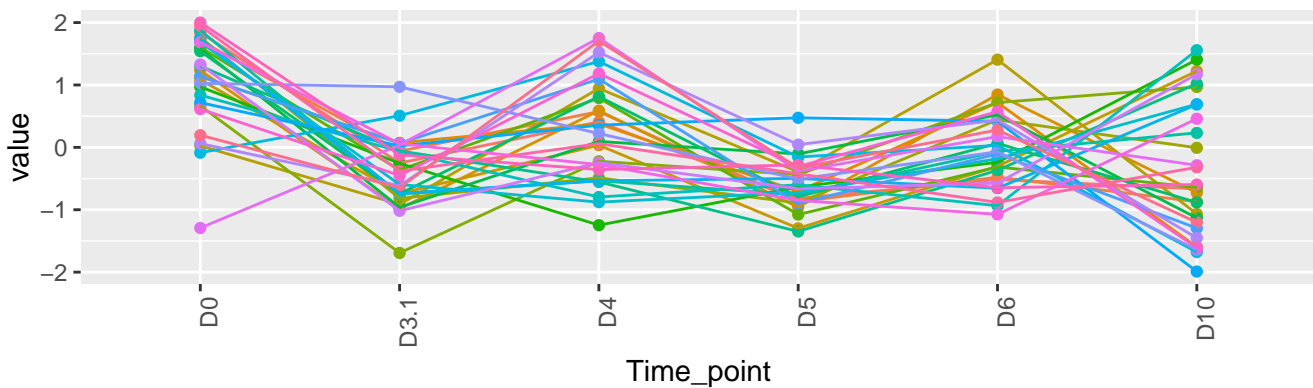
30 genes – WT-cluster-225-standardized



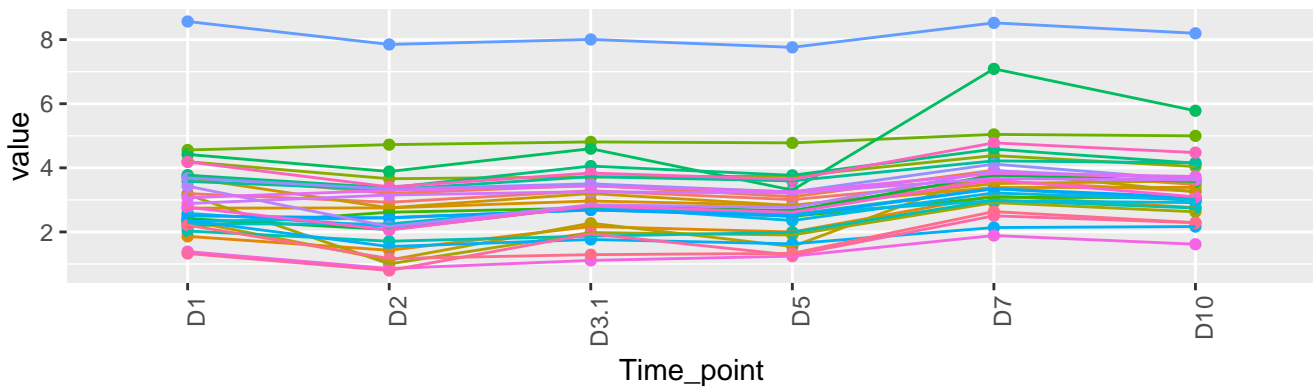
29 genes – KO-cluster-225-original



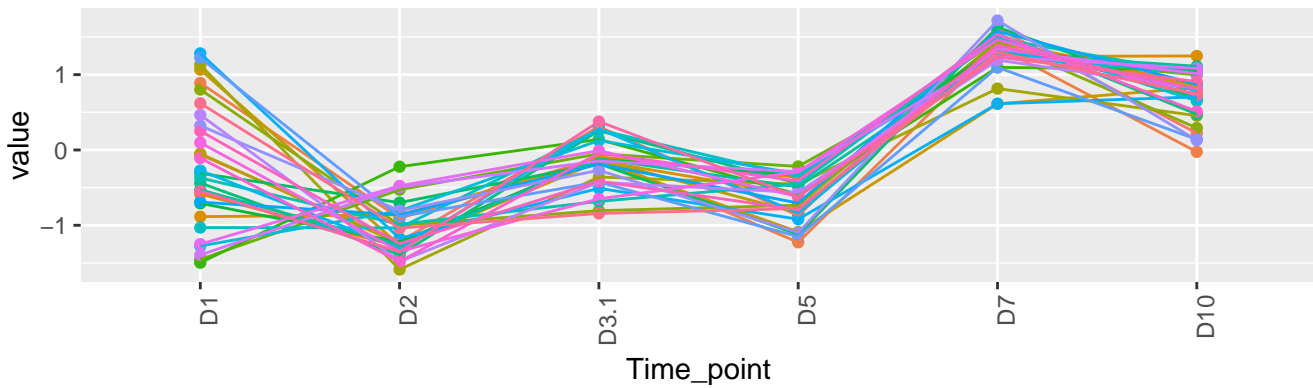
29 genes – KO-cluster-225-standardized



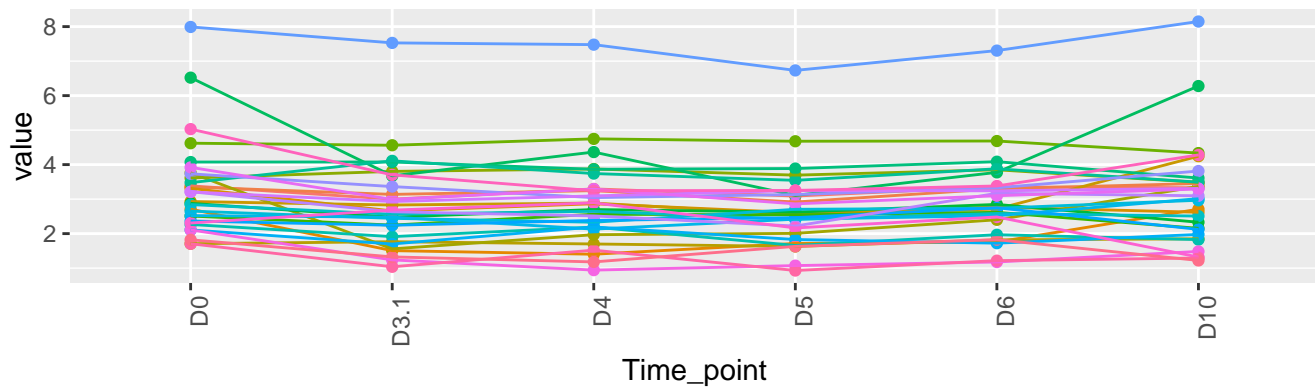
30 genes – WT-cluster-224-original



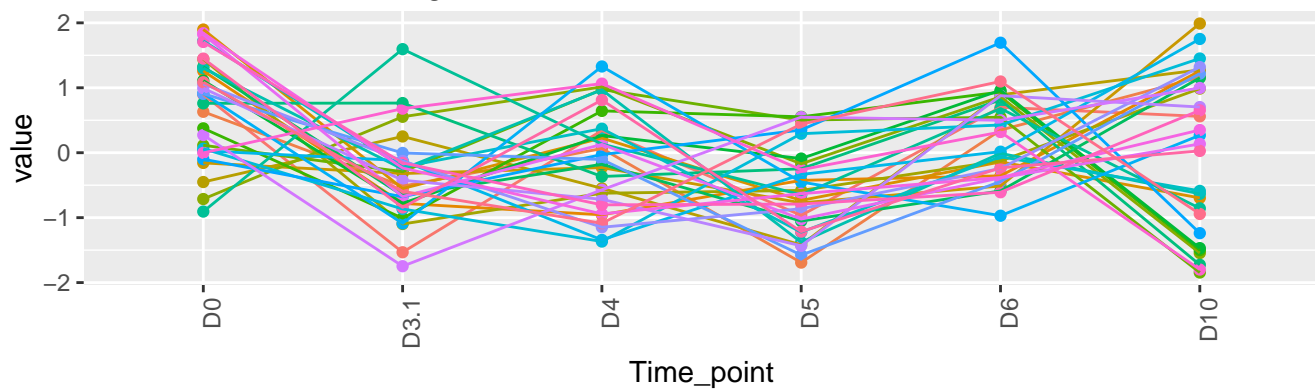
30 genes – WT-cluster-224-standardized



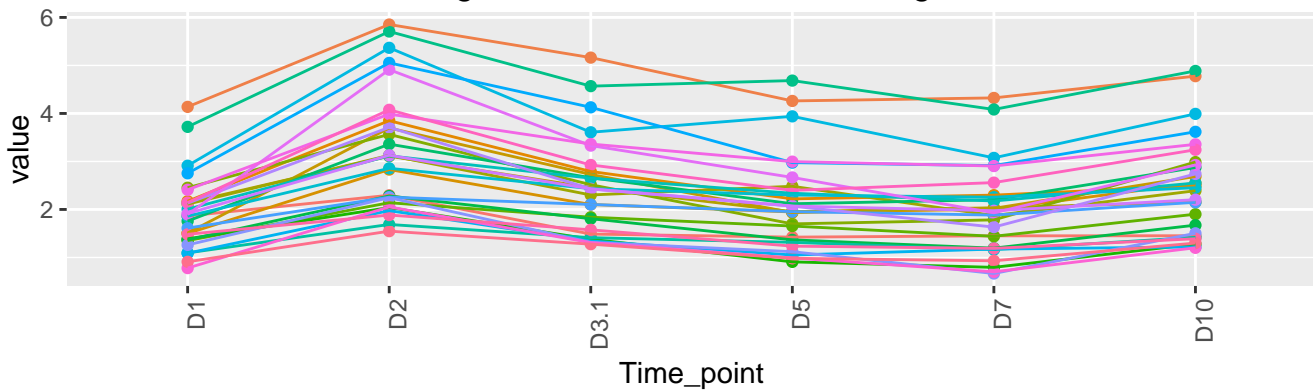
30 genes – KO-cluster-224-original



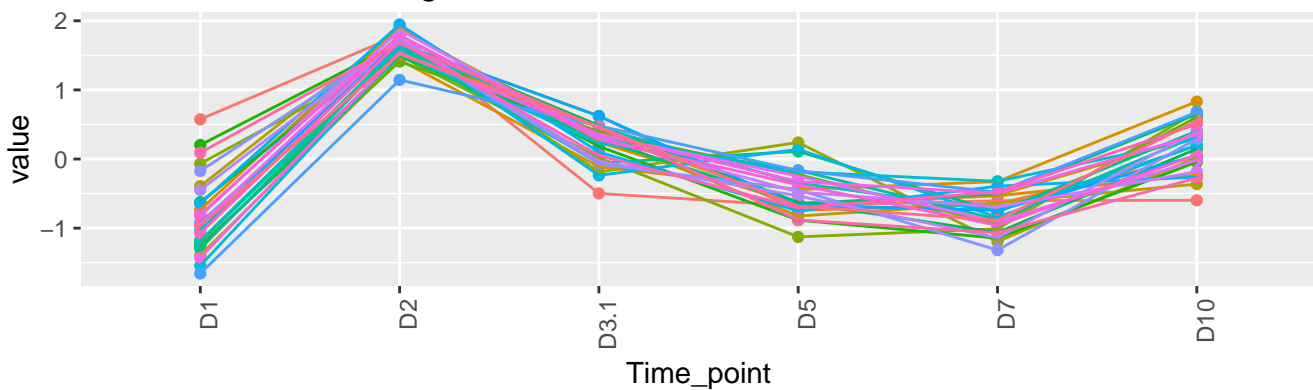
30 genes – KO-cluster-224-standardized



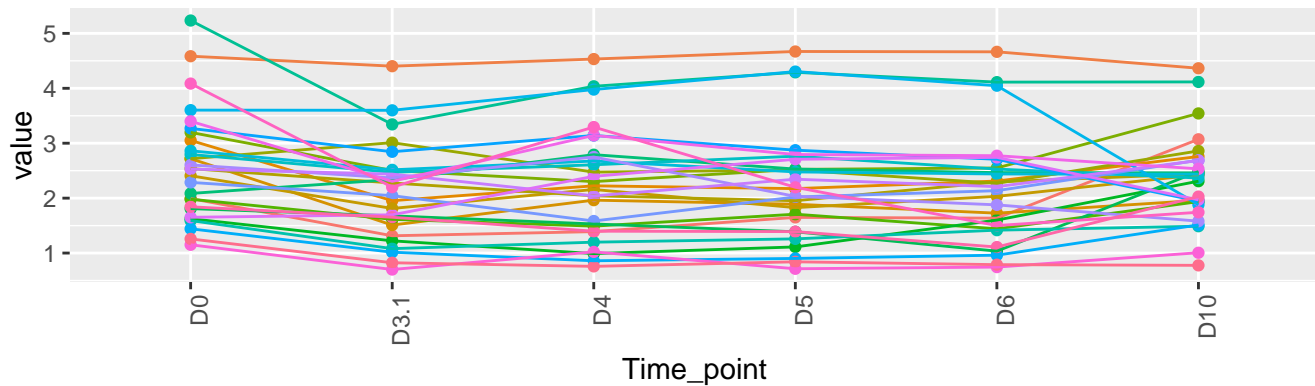
29 genes – WT-cluster-223-original



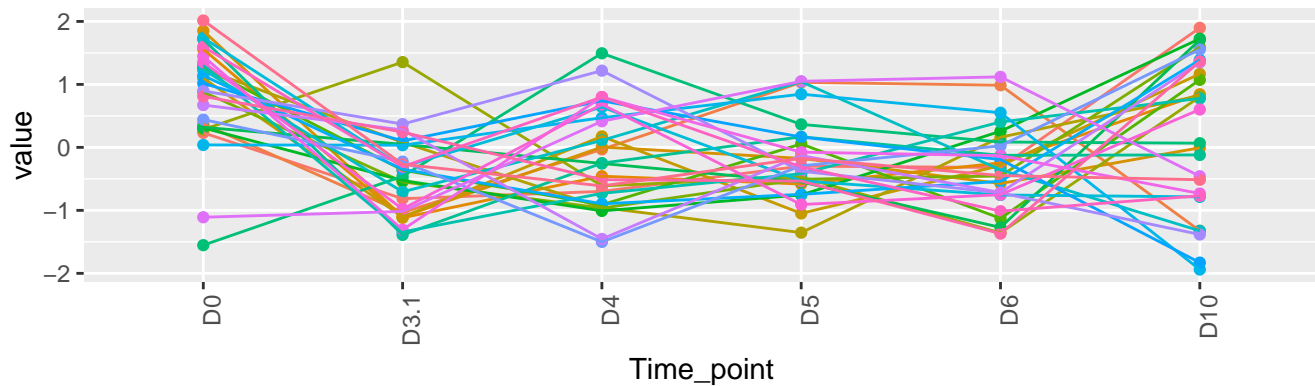
29 genes – WT-cluster-223-standardized



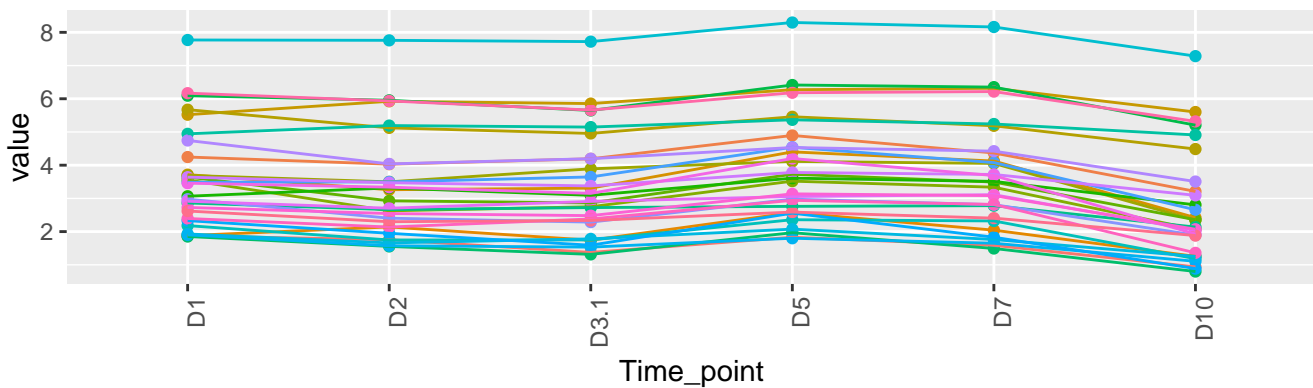
28 genes – KO-cluster-223-original



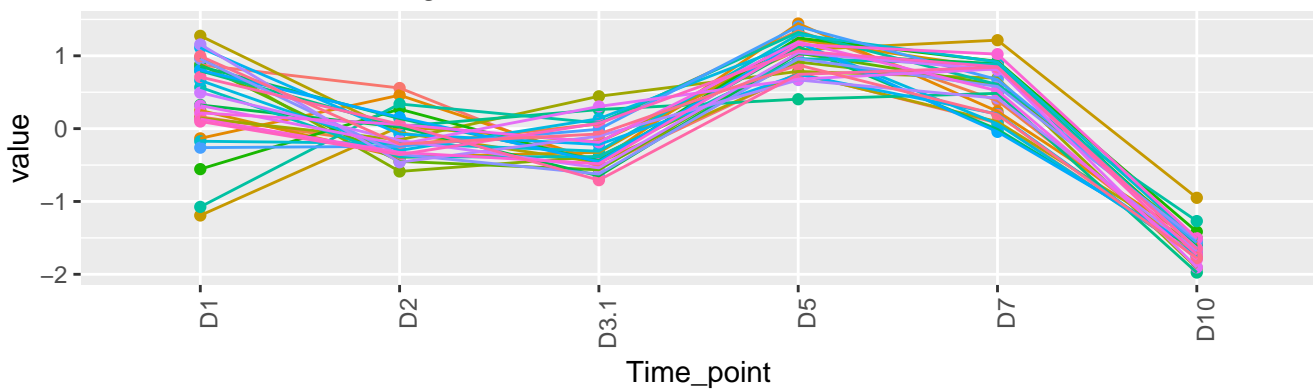
28 genes – KO-cluster-223-standardized



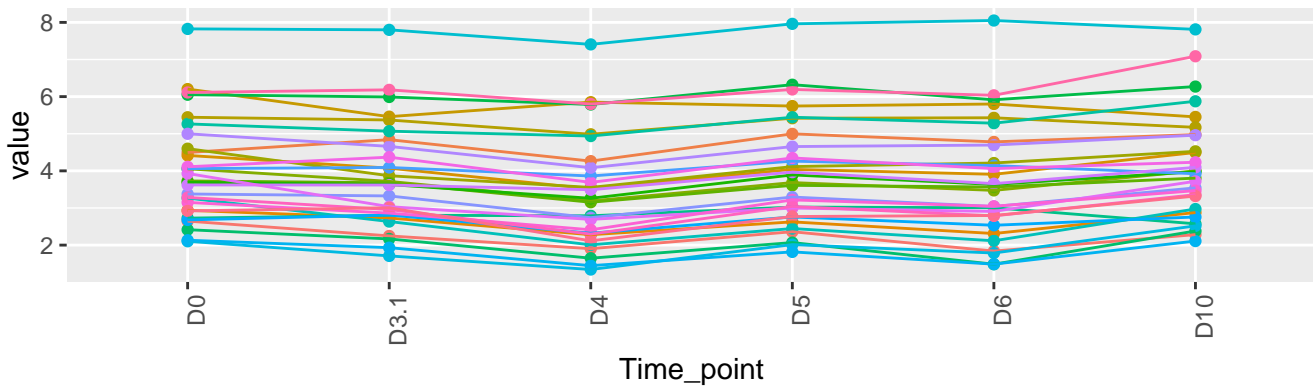
29 genes – WT-cluster-222-original



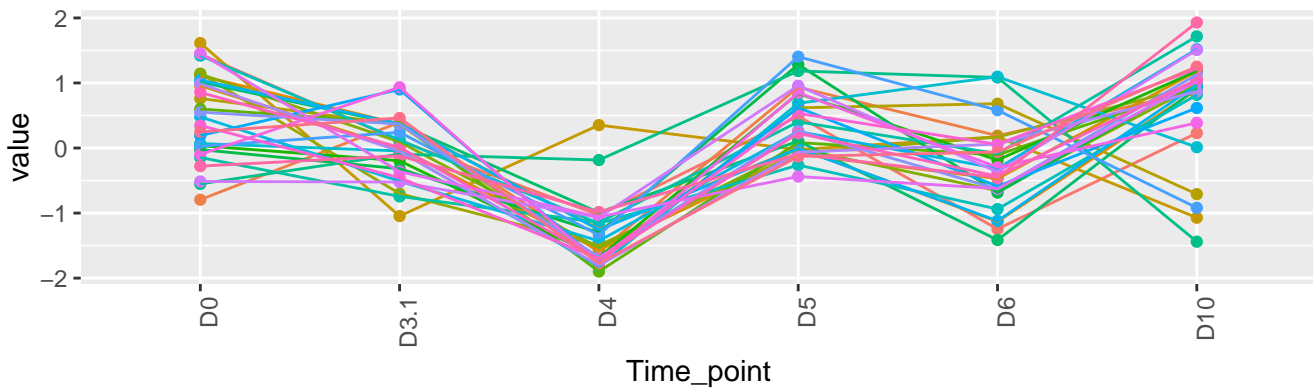
29 genes – WT-cluster-222-standardized



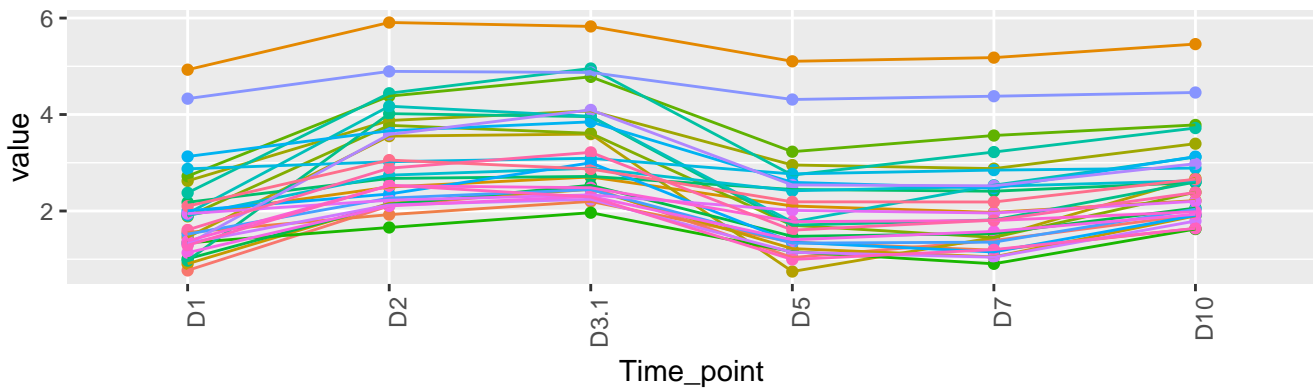
29 genes – KO-cluster-222-original



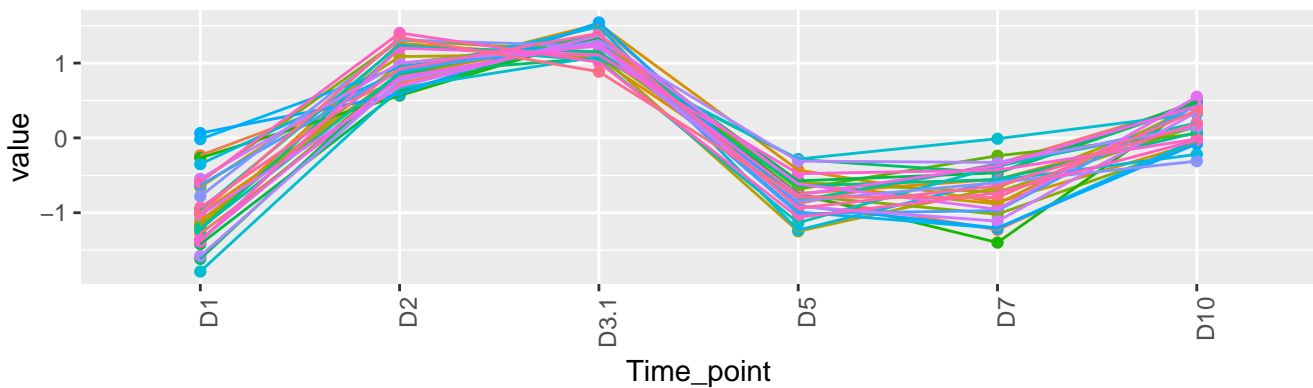
29 genes – KO-cluster-222-standardized



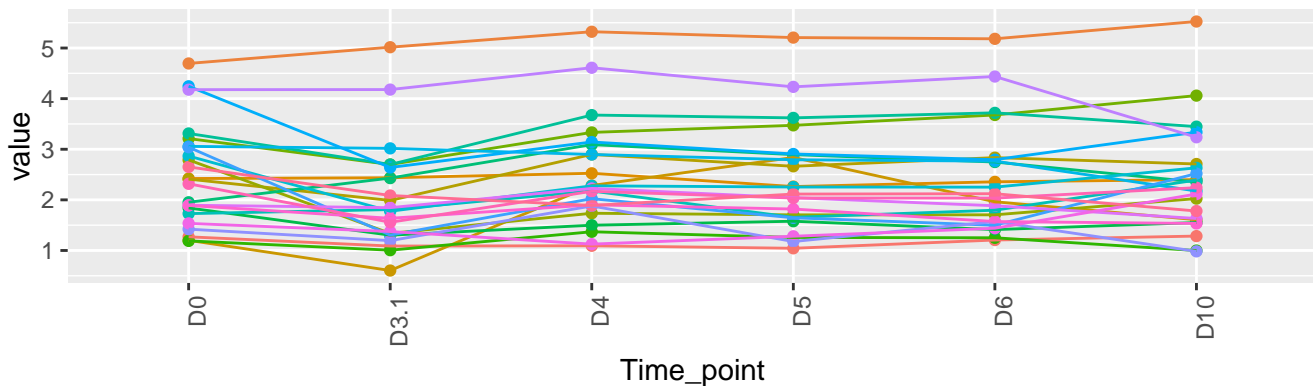
29 genes – WT-cluster-221-original



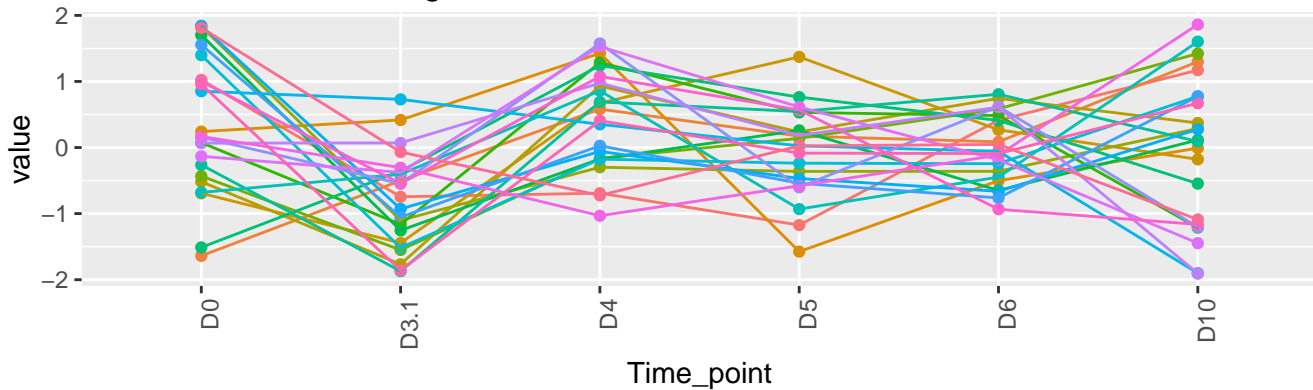
29 genes – WT-cluster-221-standardized



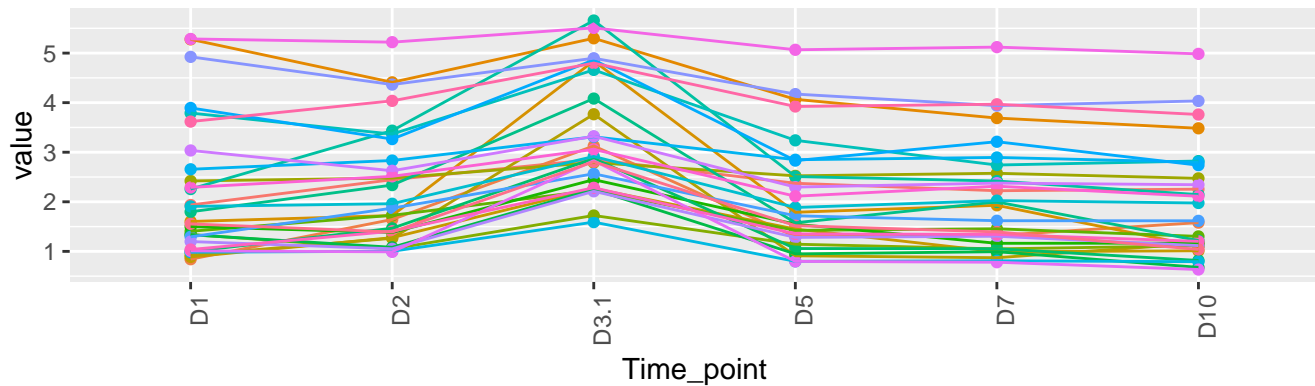
23 genes – KO-cluster-221-original



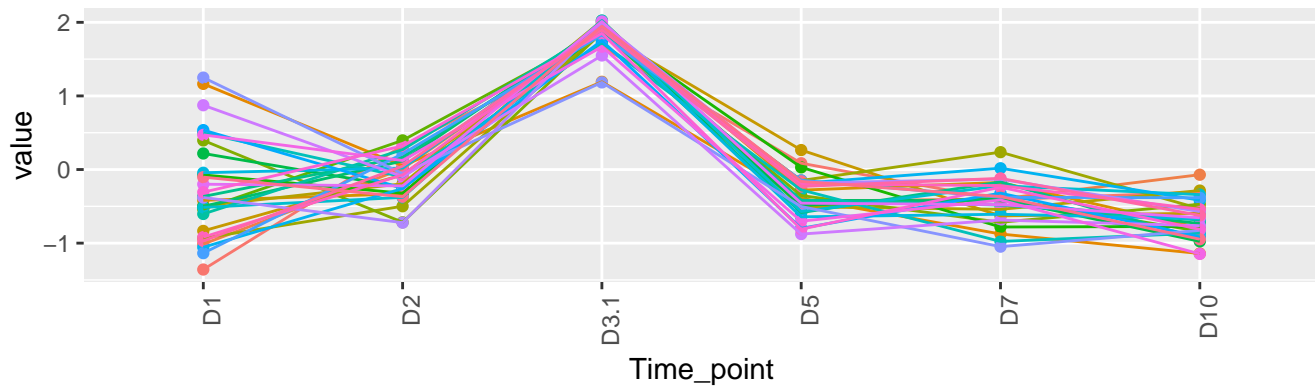
23 genes – KO-cluster-221-standardized



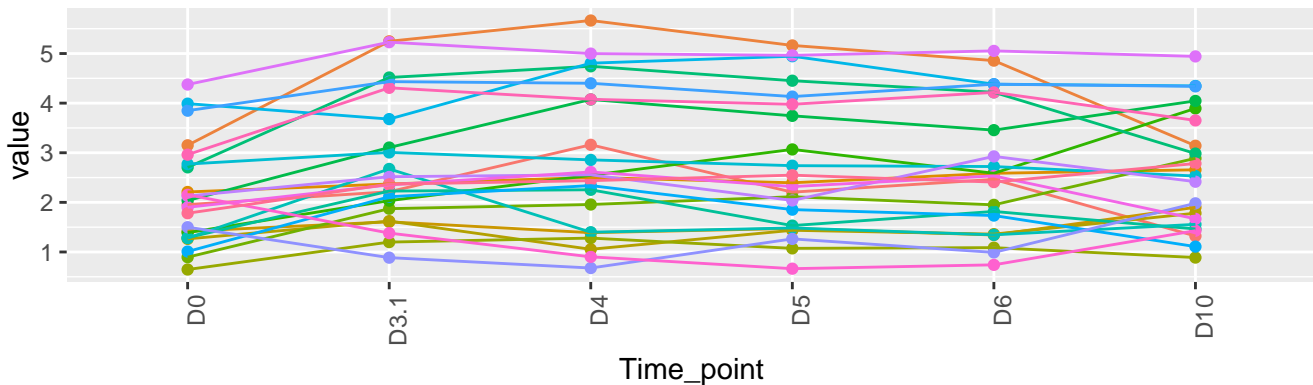
29 genes – WT-cluster-220-original



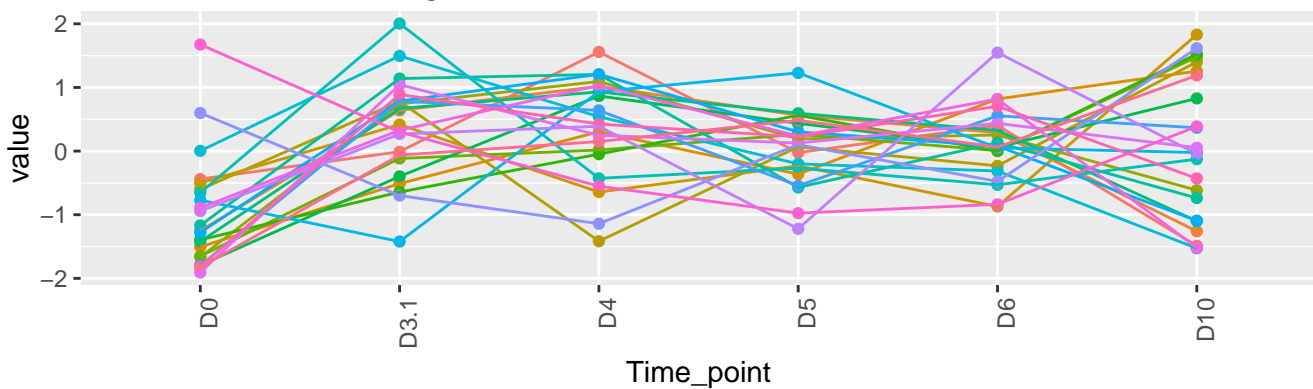
29 genes – WT-cluster-220-standardized



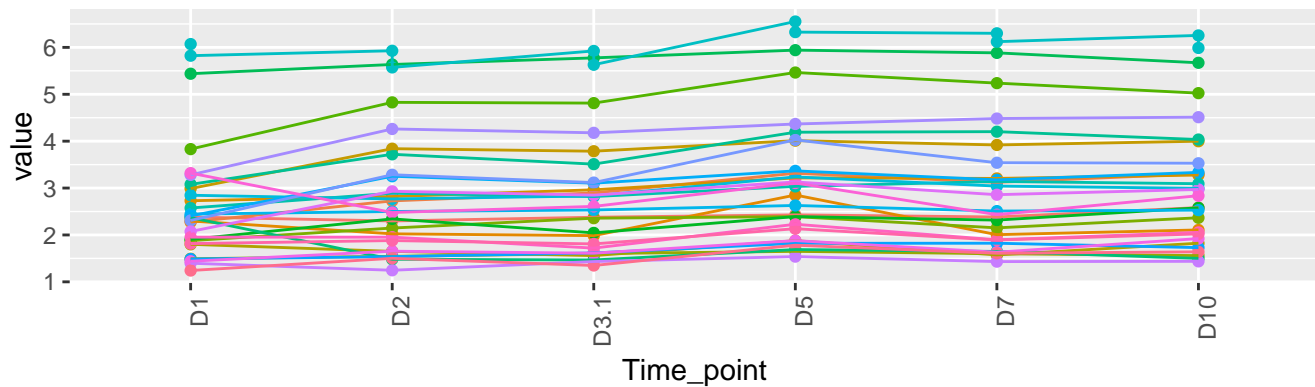
23 genes – KO-cluster-220-original



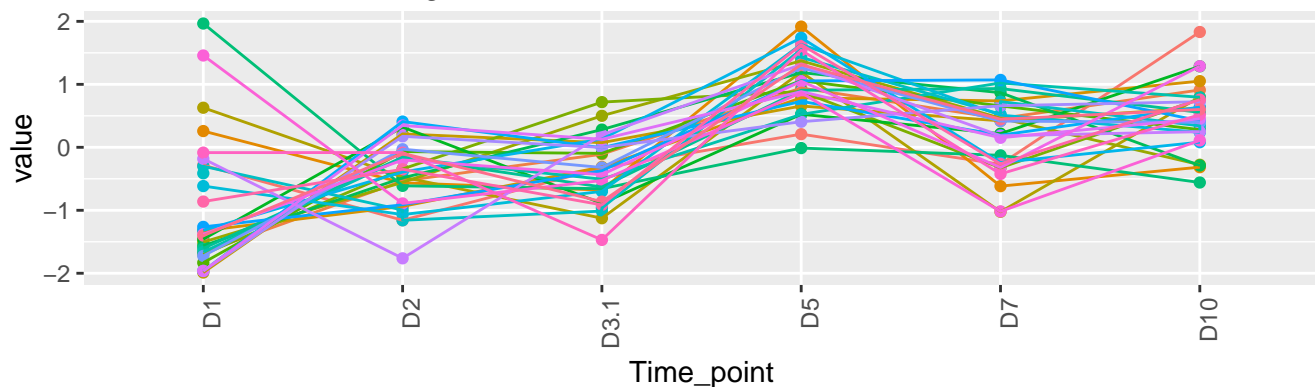
23 genes – KO-cluster-220-standardized



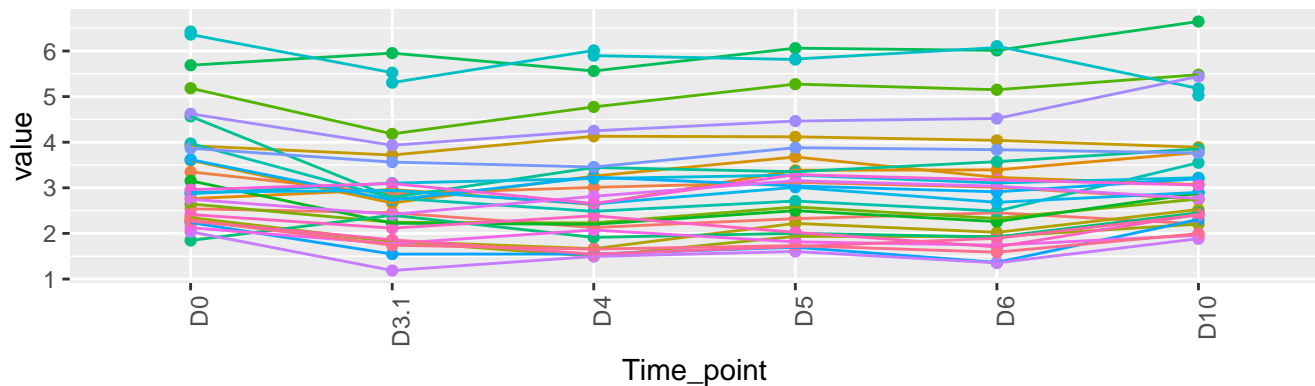
29 genes – WT-cluster-219-original



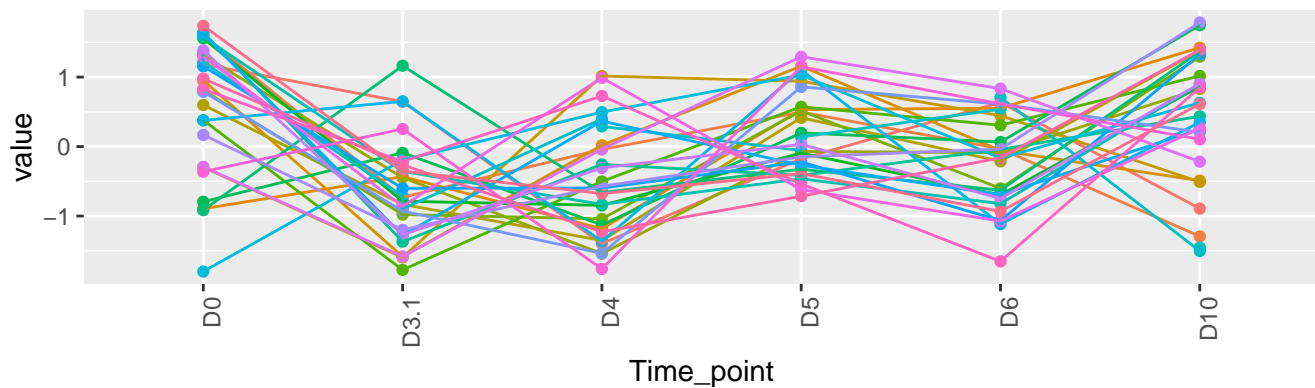
29 genes – WT-cluster-219-standardized



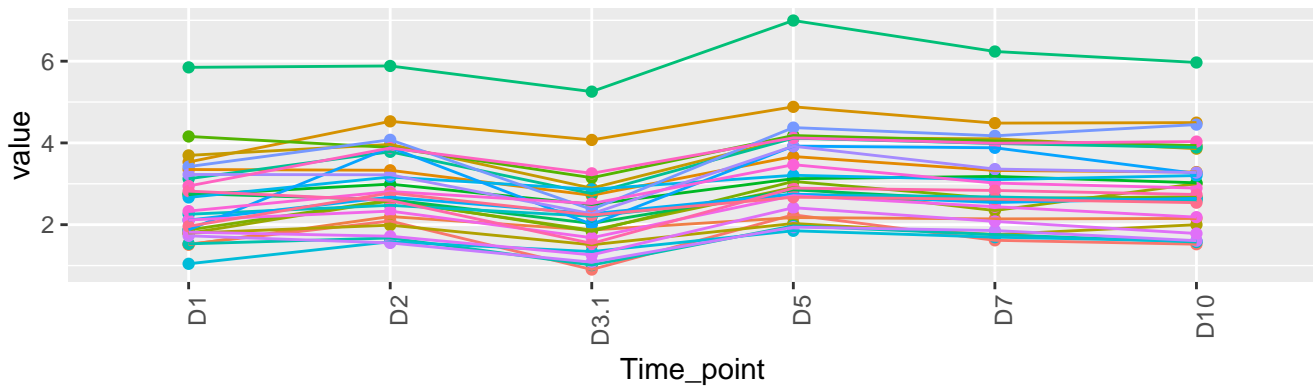
29 genes – KO-cluster-219–original



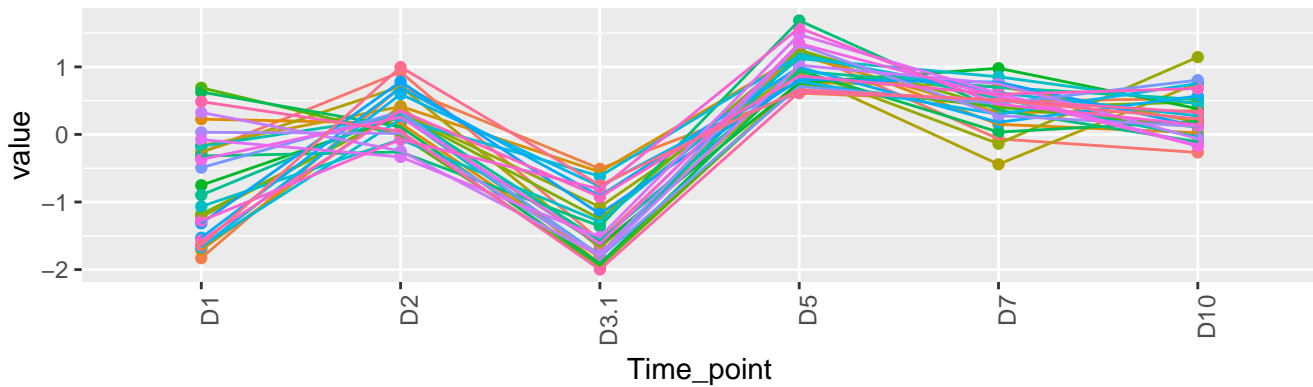
29 genes – KO-cluster-219–standardized



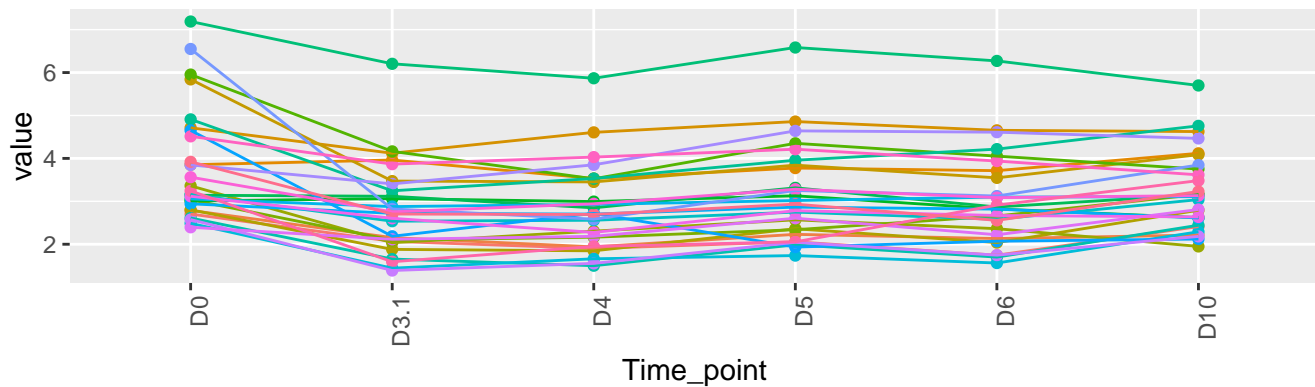
28 genes – WT-cluster-218-original



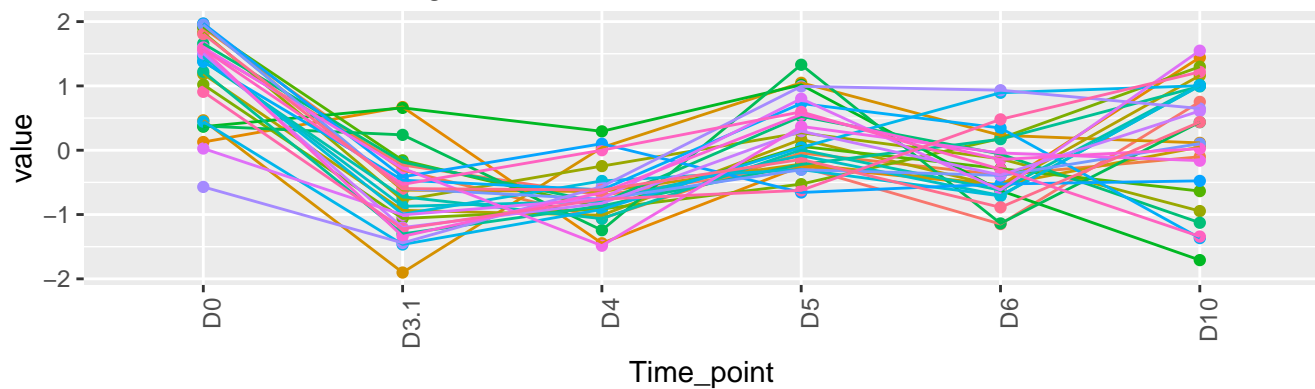
28 genes – WT-cluster-218-standardized



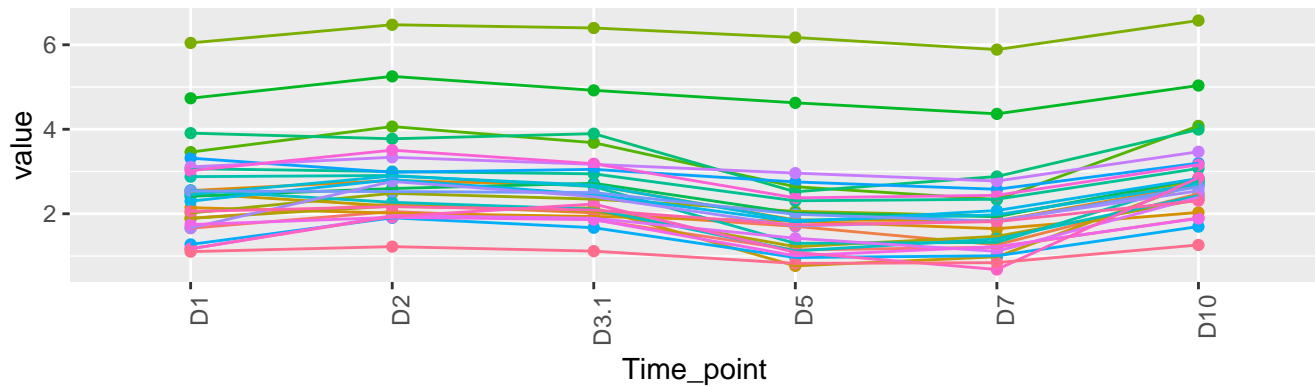
28 genes – KO-cluster-218-original



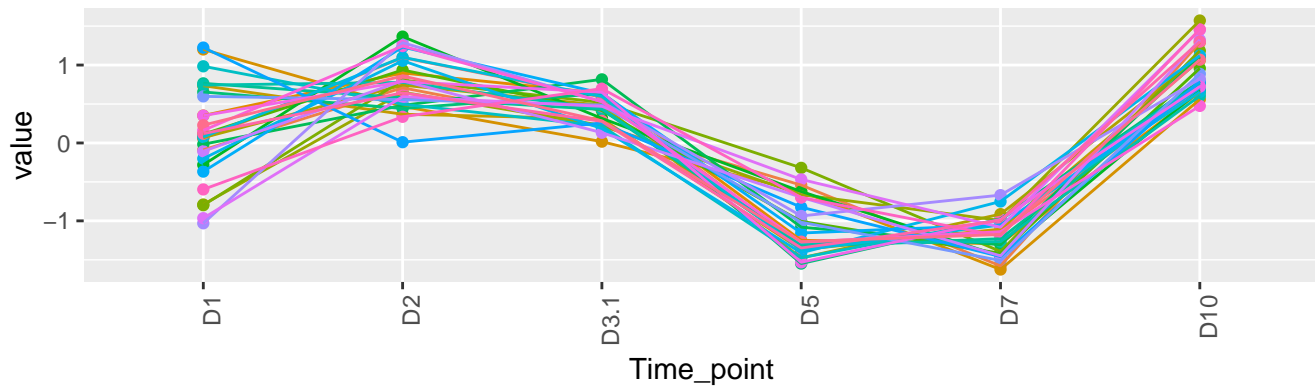
28 genes – KO-cluster-218-standardized



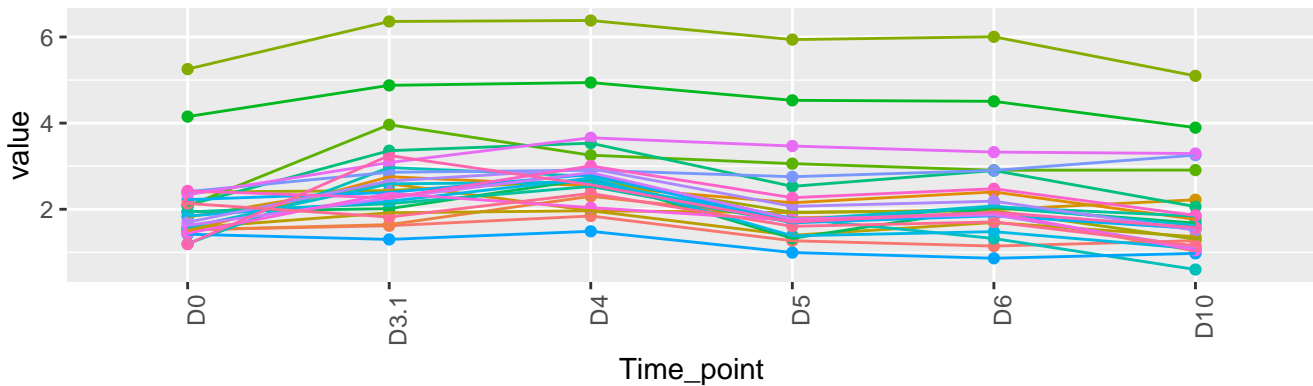
28 genes – WT-cluster-217-original



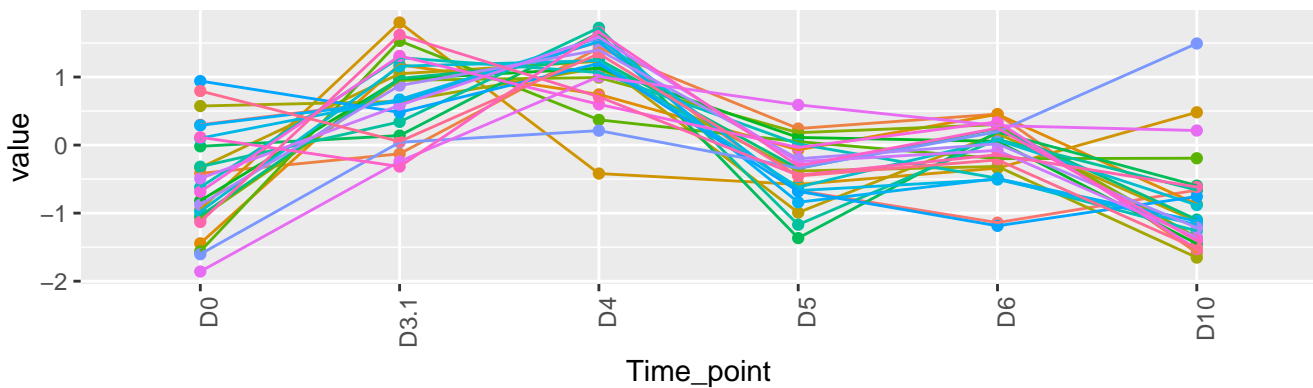
28 genes – WT-cluster-217-standardized



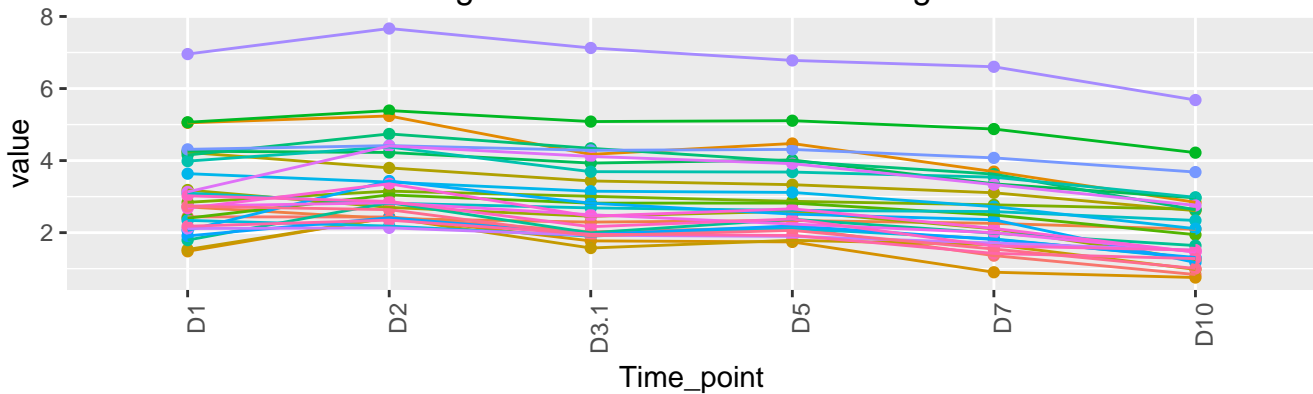
25 genes – KO-cluster-217-original



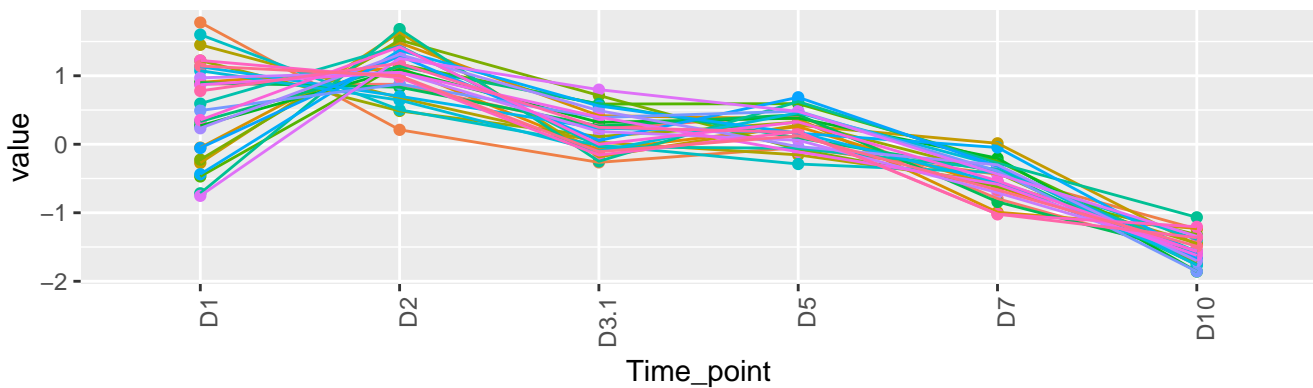
25 genes – KO-cluster-217-standardized



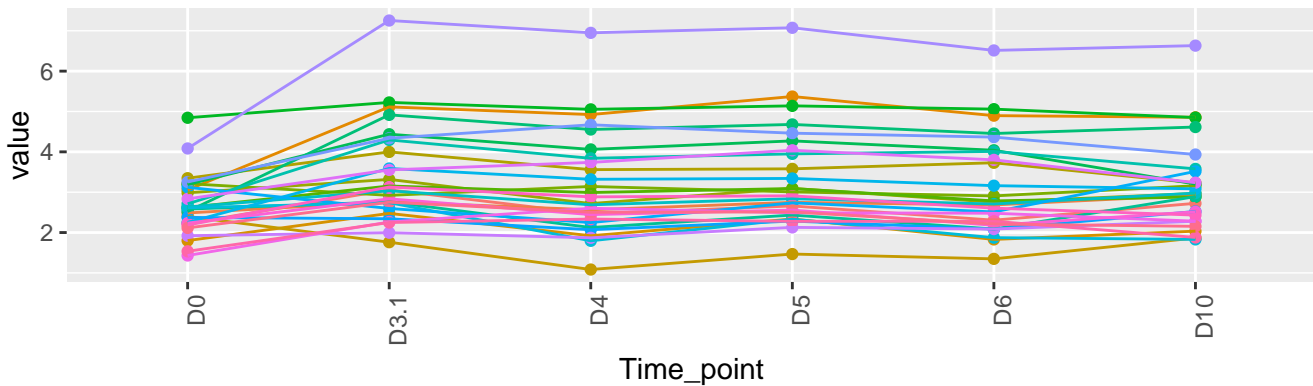
28 genes – WT-cluster-216-original



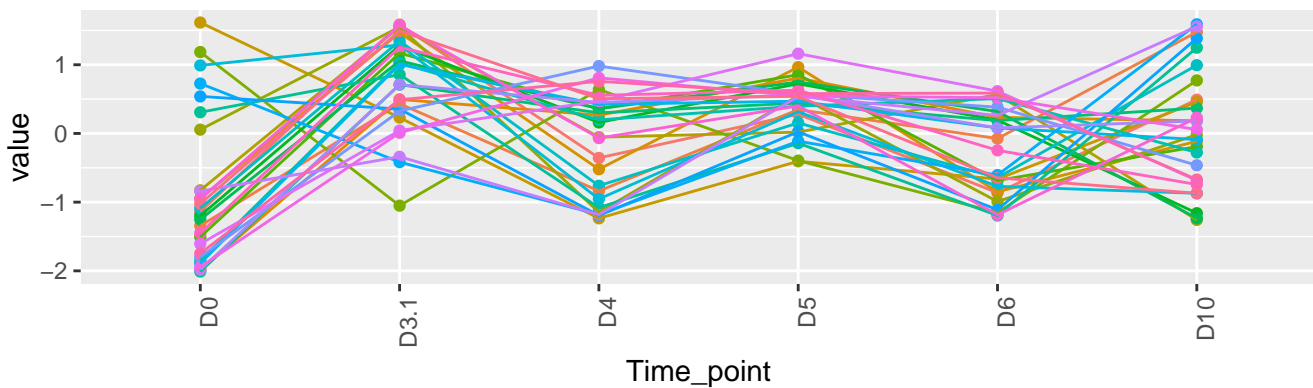
28 genes – WT-cluster-216-standardized



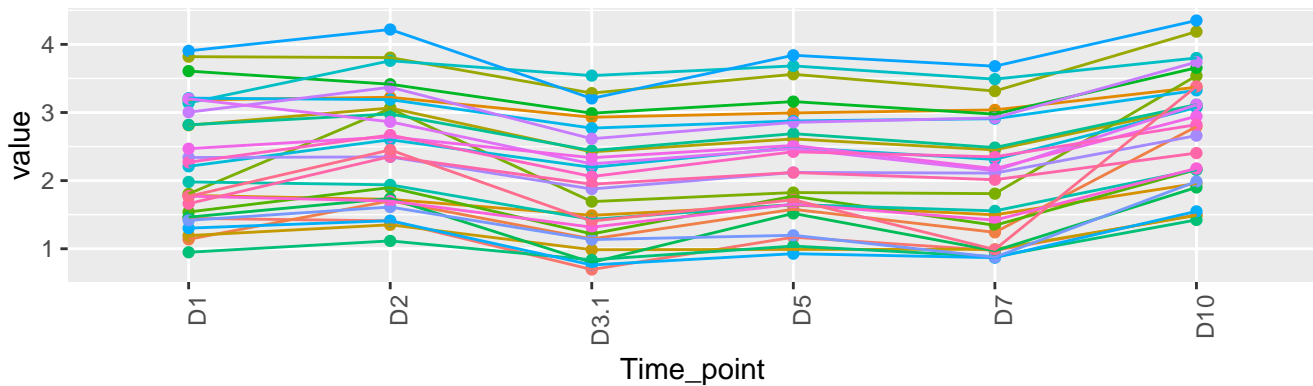
28 genes – KO-cluster-216-original



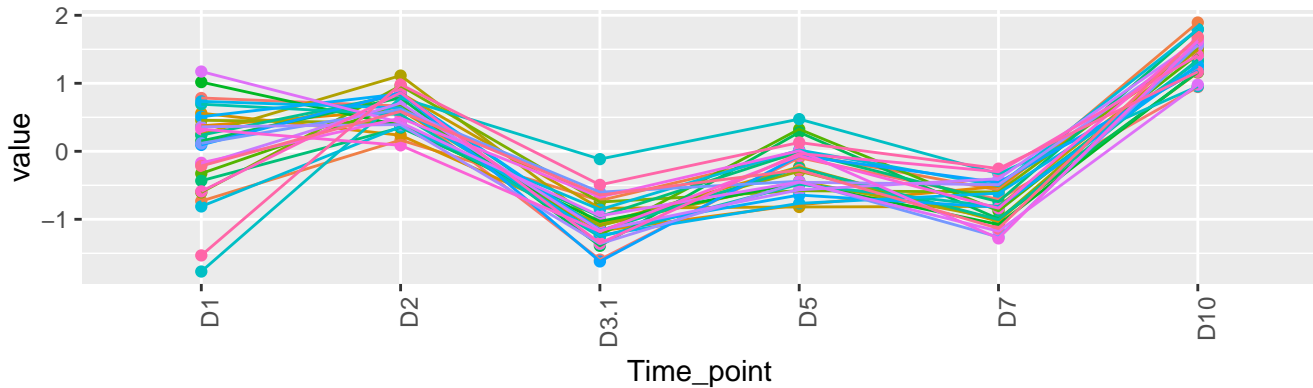
28 genes – KO-cluster-216-standardized



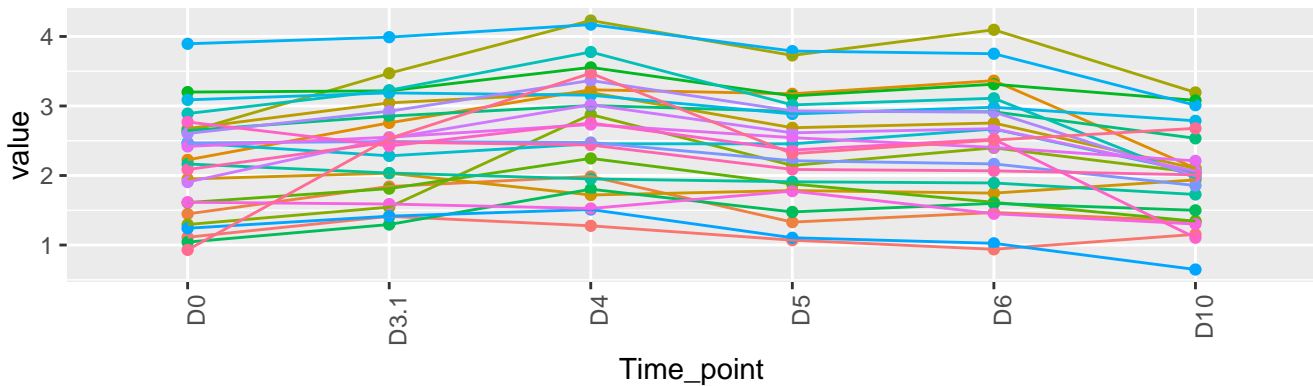
28 genes – WT-cluster-215-original



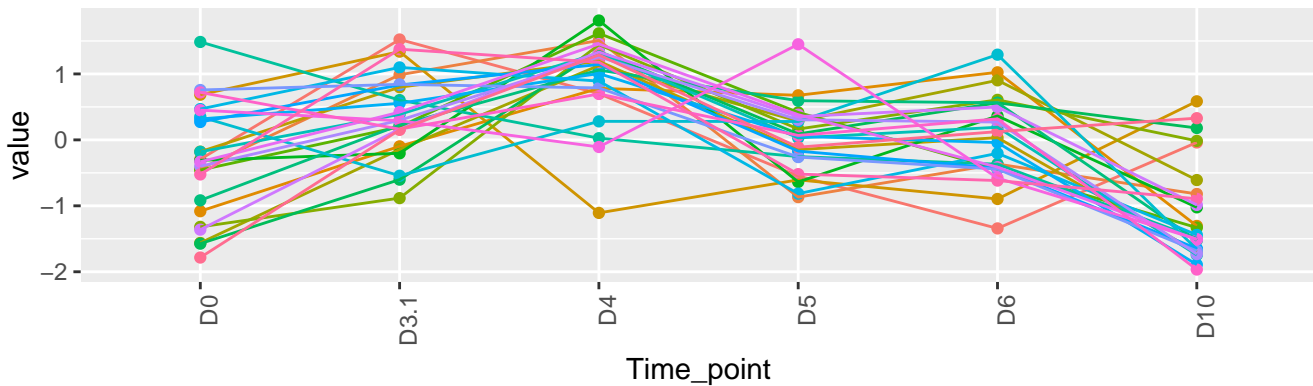
28 genes – WT-cluster-215-standardized



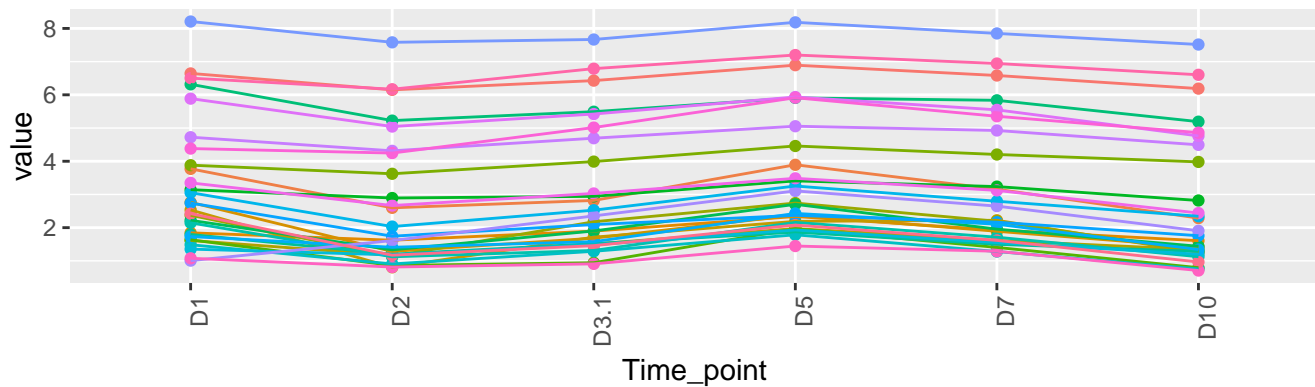
25 genes – KO-cluster-215–original



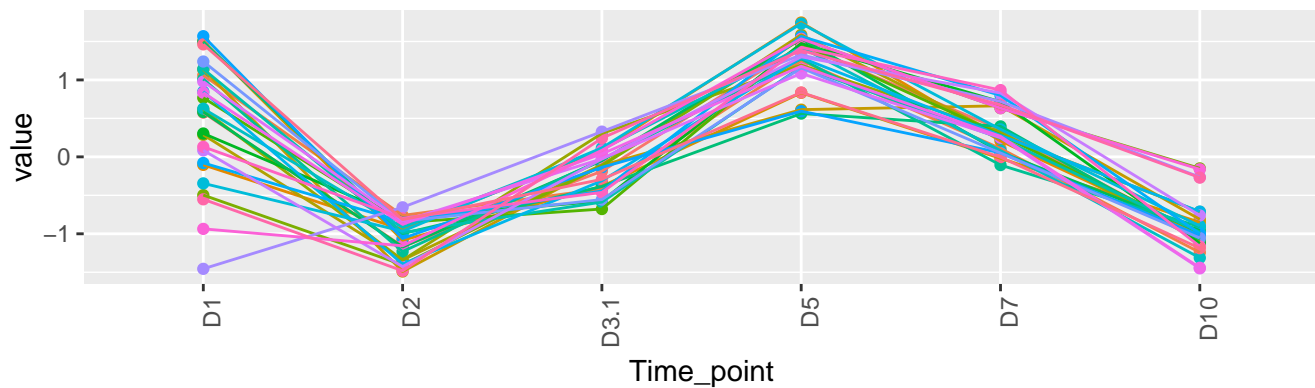
25 genes – KO-cluster-215–standardized



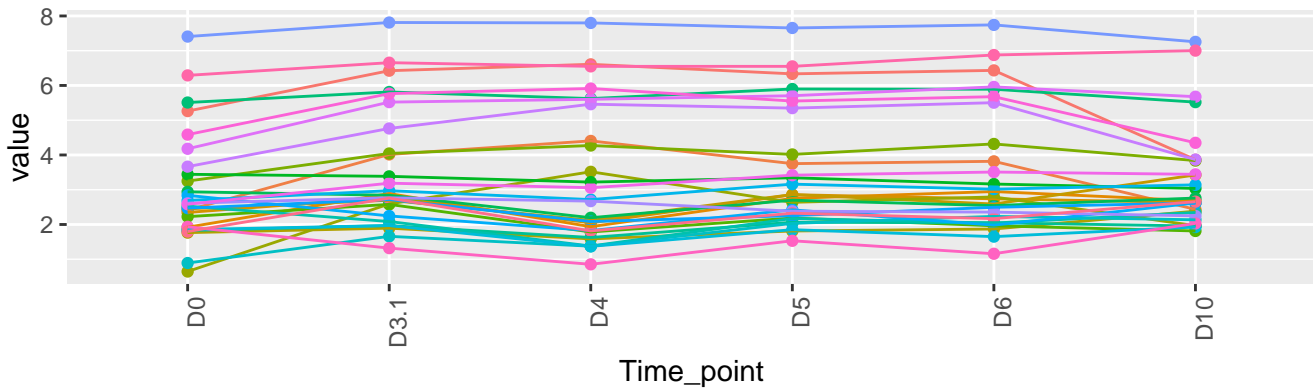
28 genes – WT-cluster-214-original



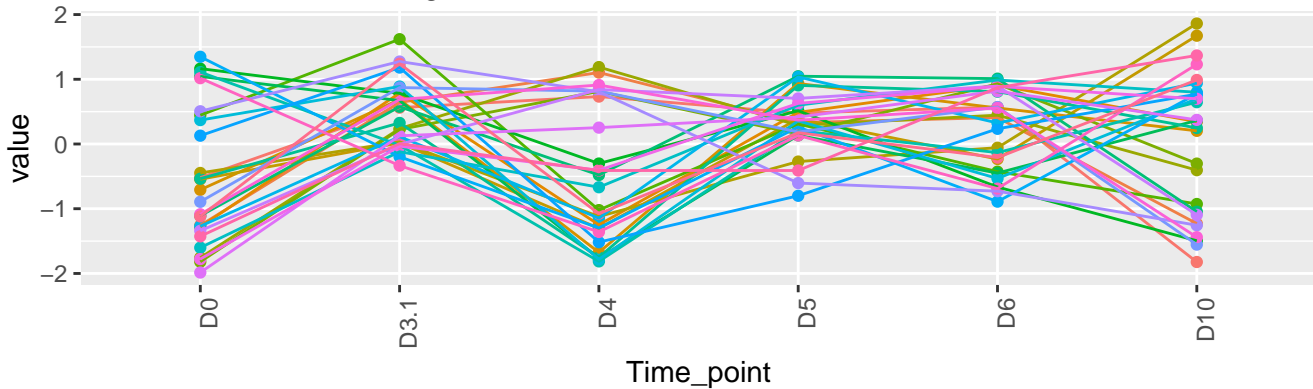
28 genes – WT-cluster-214-standardized



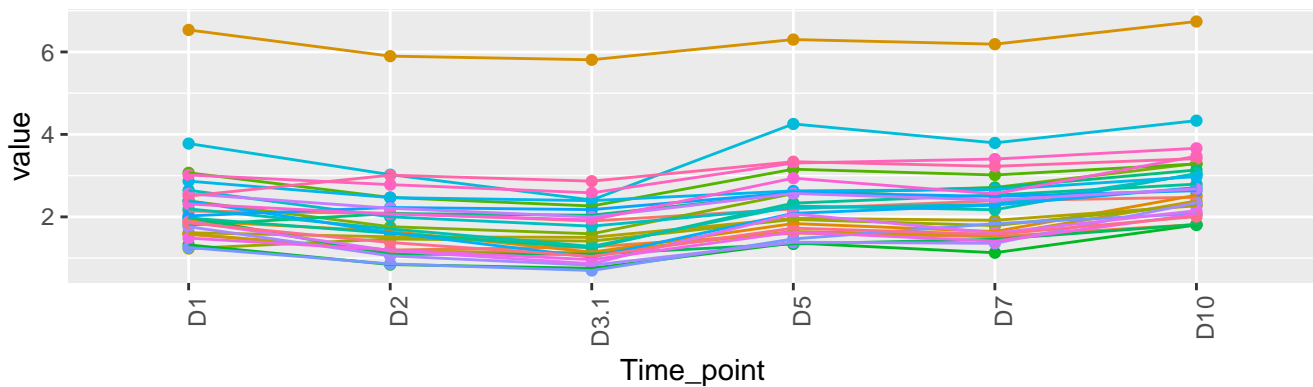
28 genes – KO-cluster-214-original



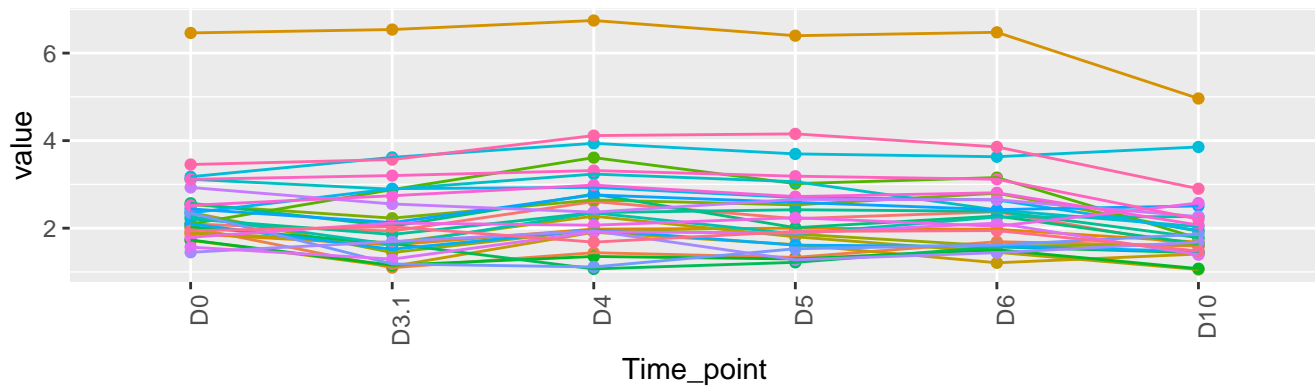
28 genes – KO-cluster-214-standardized



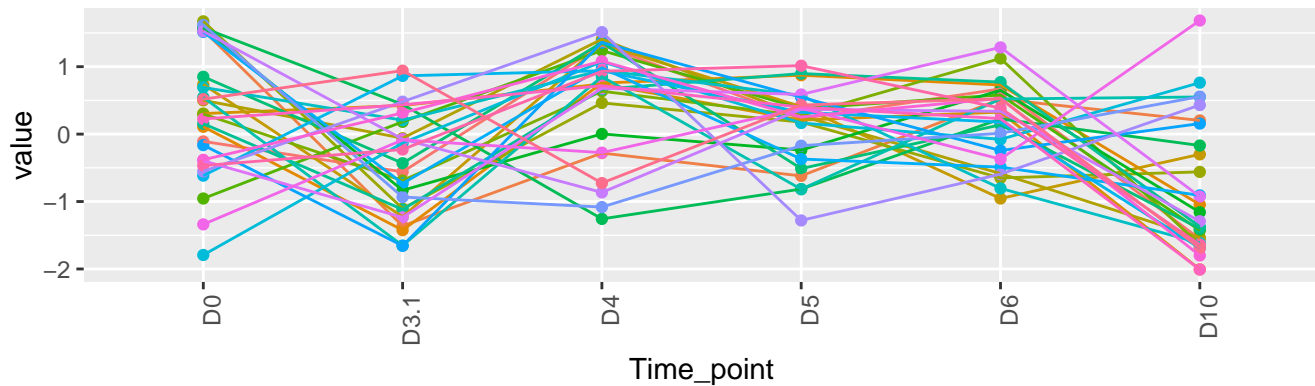
28 genes – WT-cluster-213-original



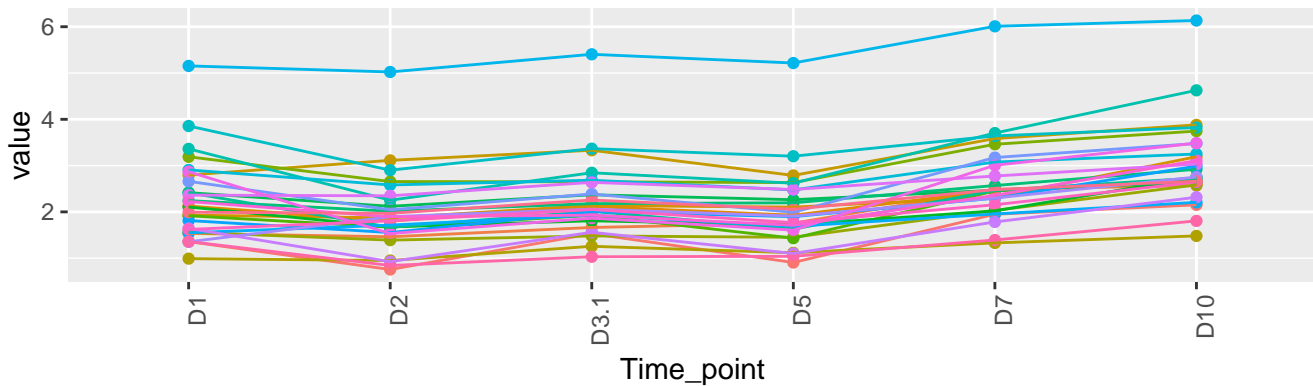
28 genes – KO-cluster-213–original



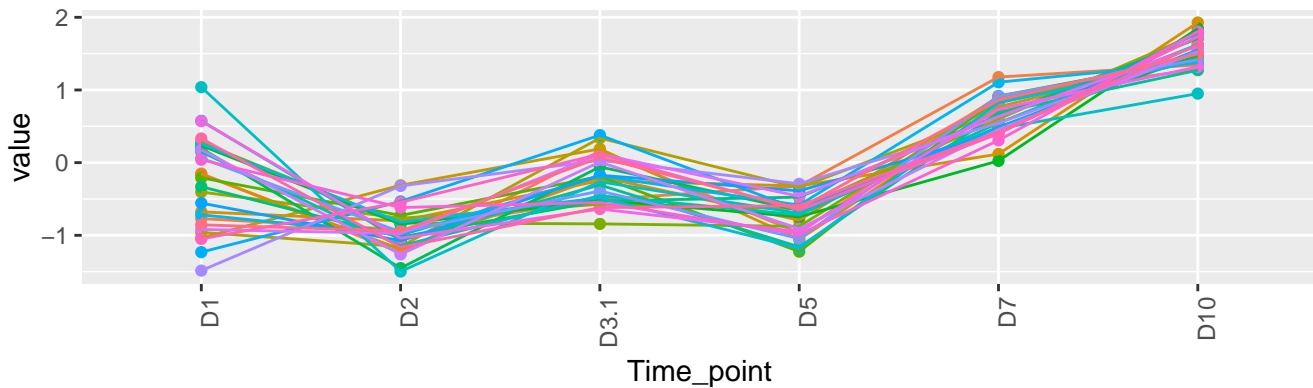
28 genes – KO-cluster-213–standardized



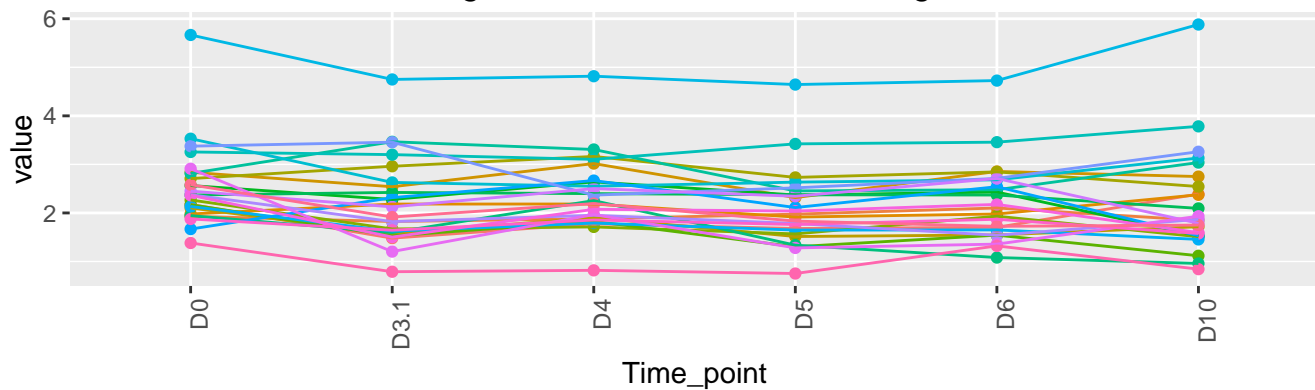
28 genes – WT-cluster-212-original



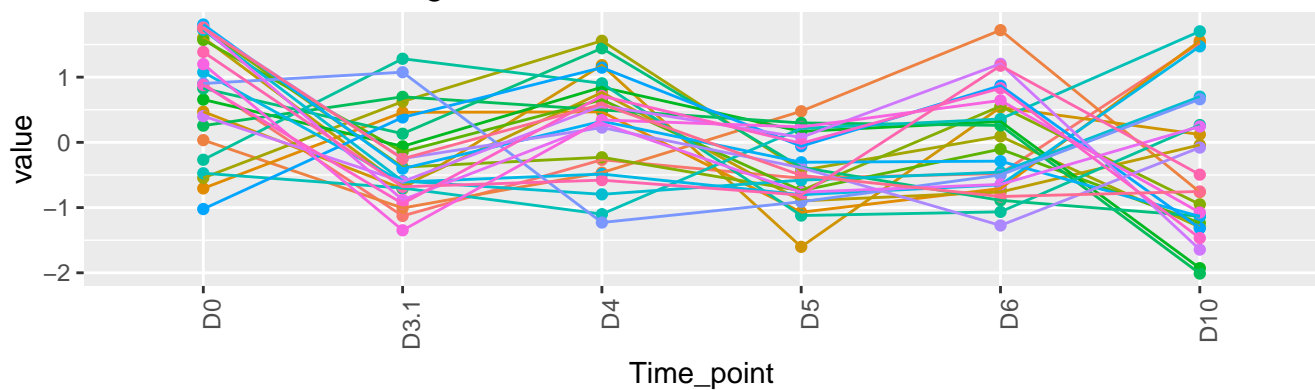
28 genes – WT-cluster-212-standardized



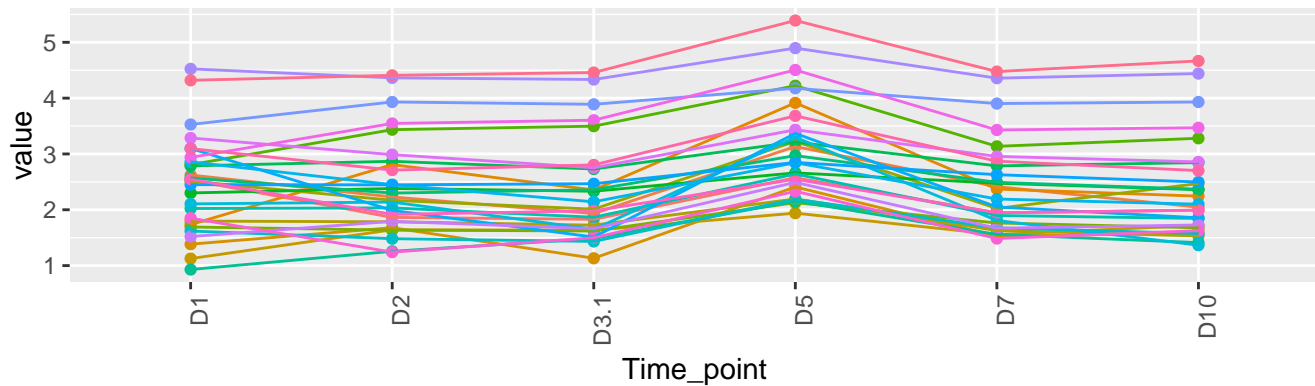
25 genes – KO-cluster-212-original



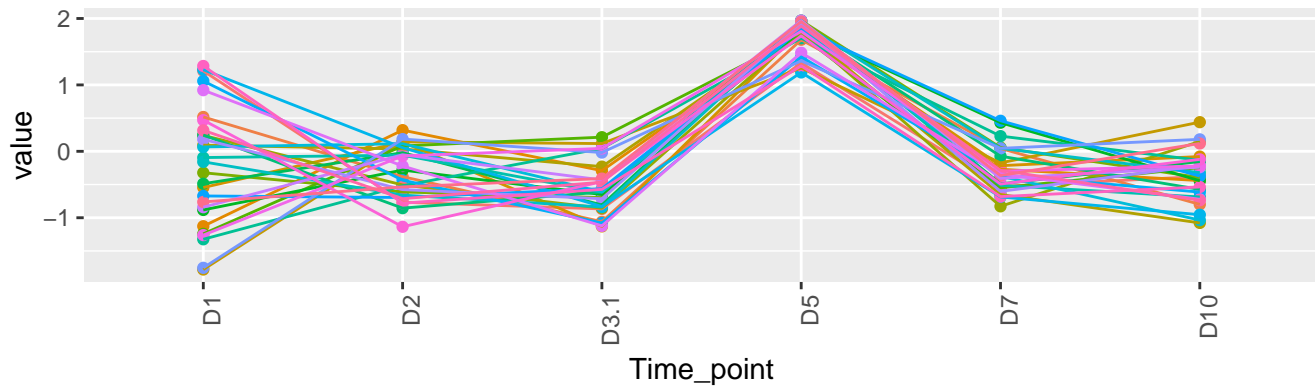
25 genes – KO-cluster-212-standardized



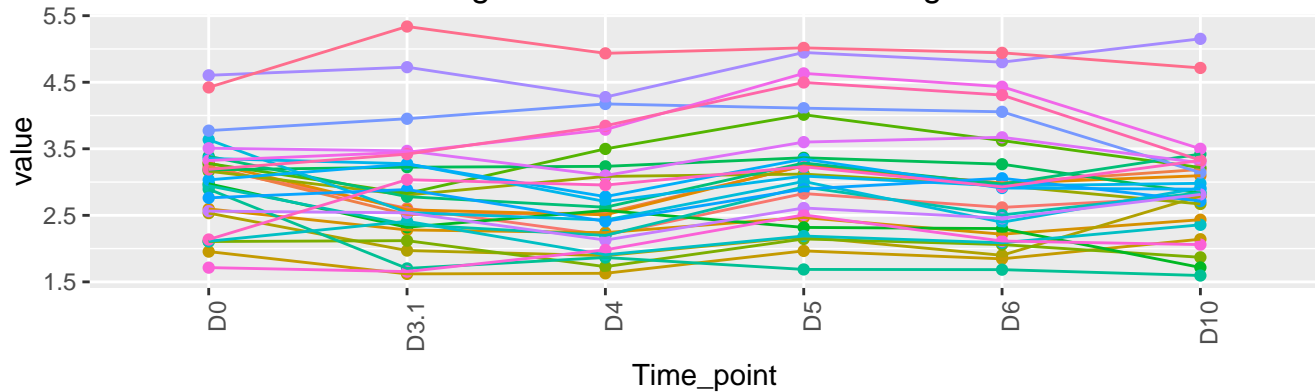
28 genes – WT-cluster-211-original



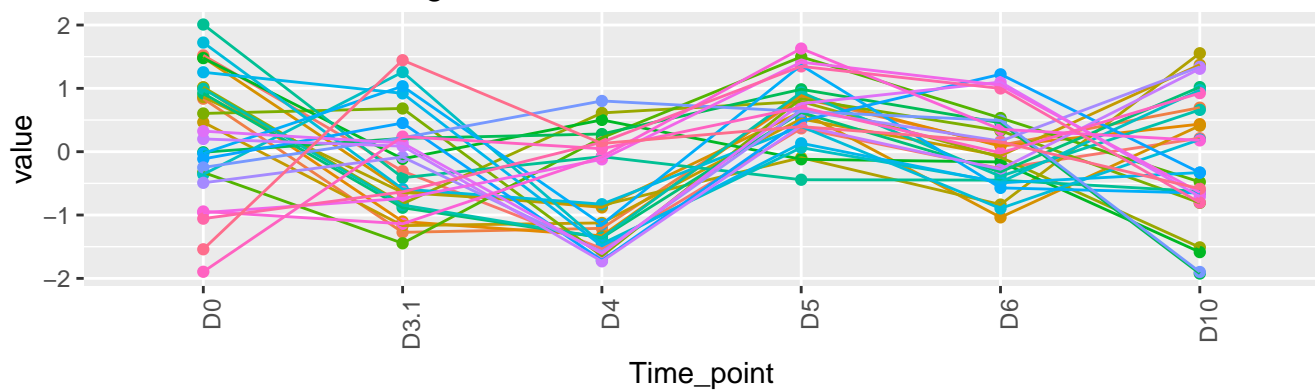
28 genes – WT-cluster-211-standardized



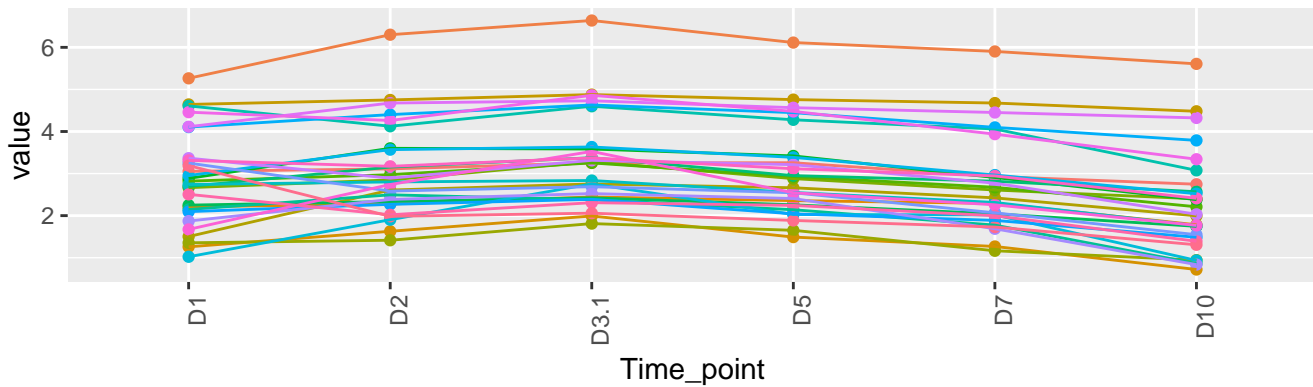
28 genes – KO-cluster-211-original



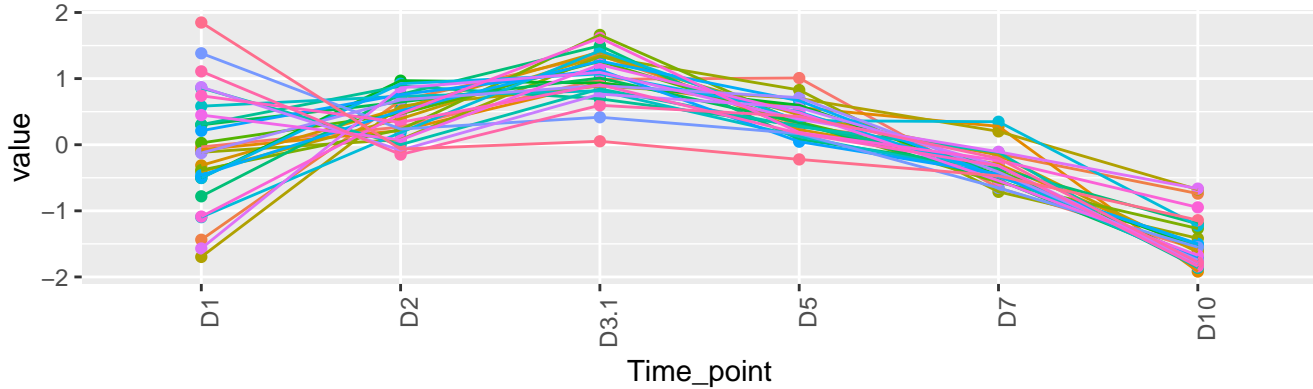
28 genes – KO-cluster-211-standardized



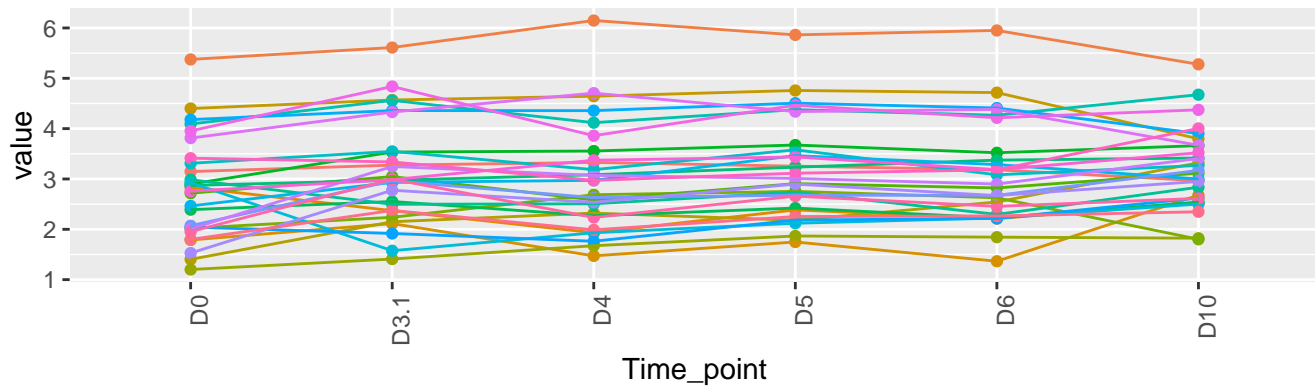
28 genes – WT-cluster-210-original



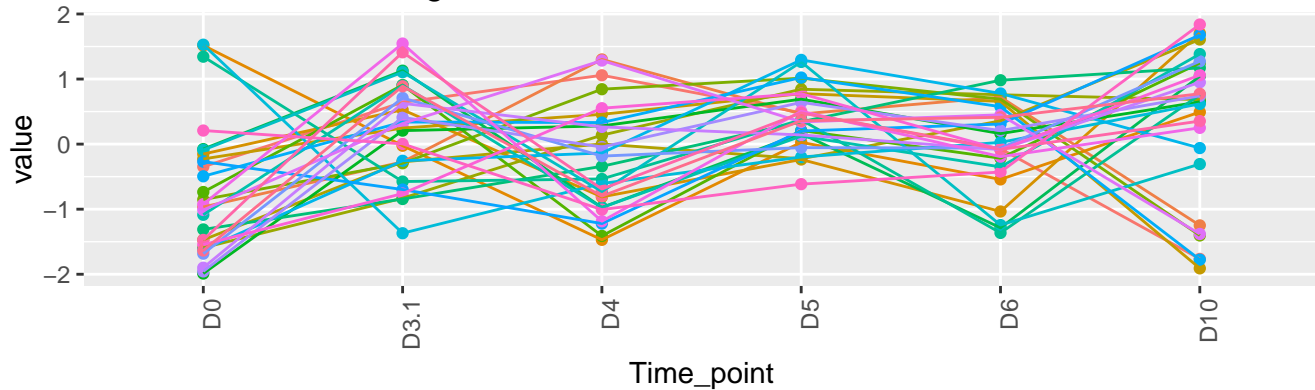
28 genes – WT-cluster-210-standardized



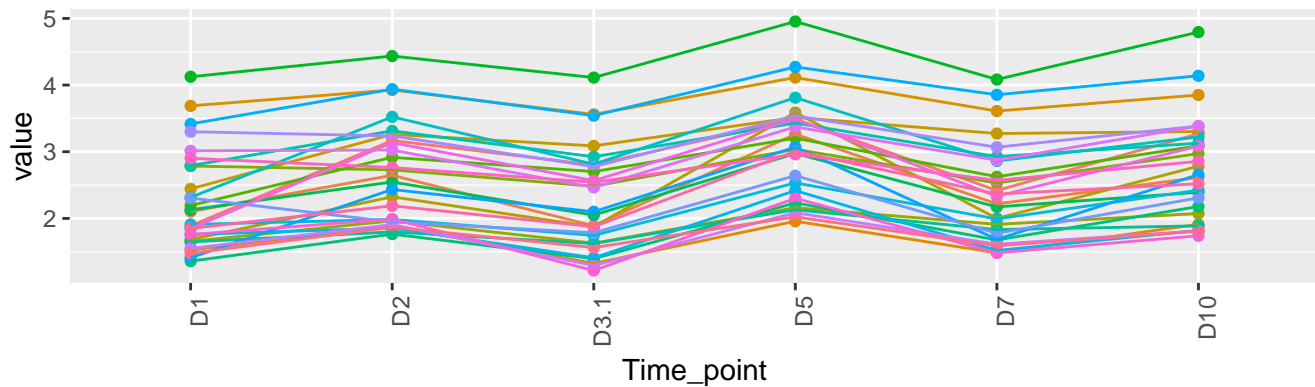
28 genes – KO-cluster-210-original



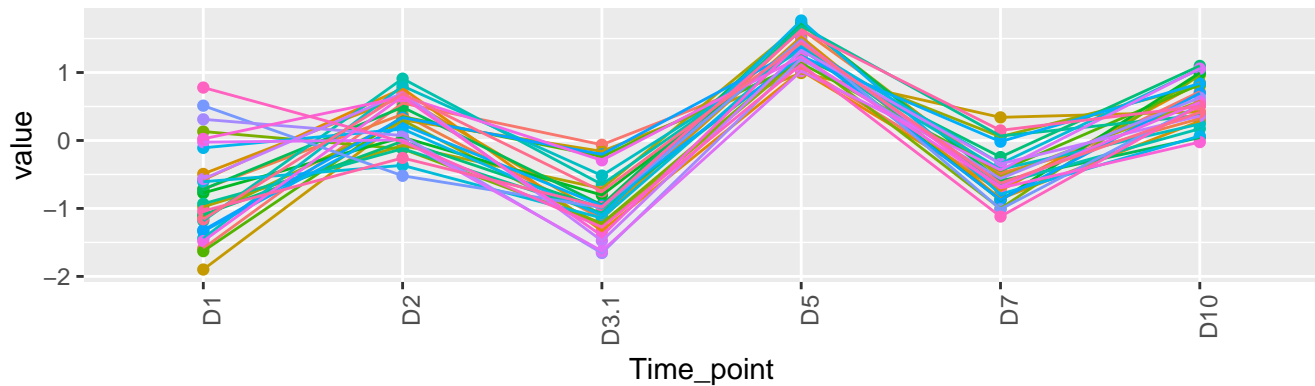
28 genes – KO-cluster-210-standardized



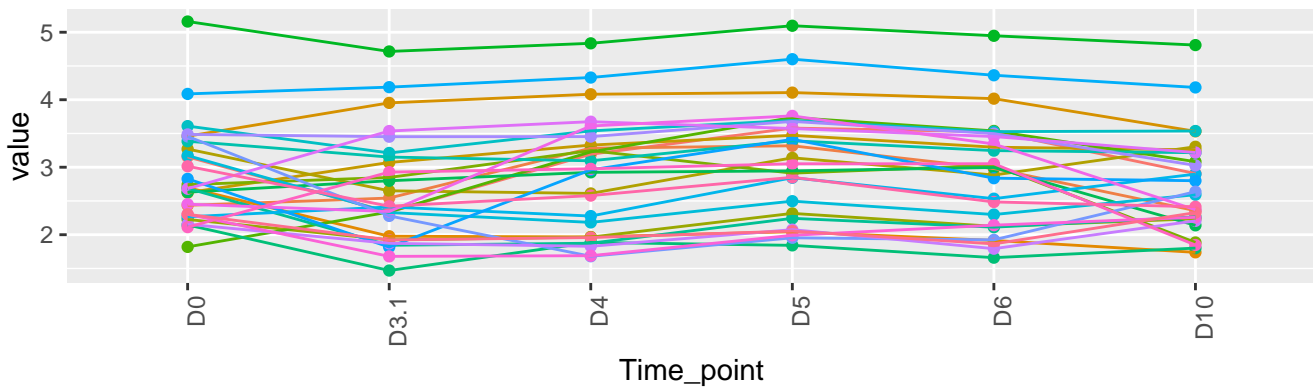
28 genes – WT-cluster-209-original



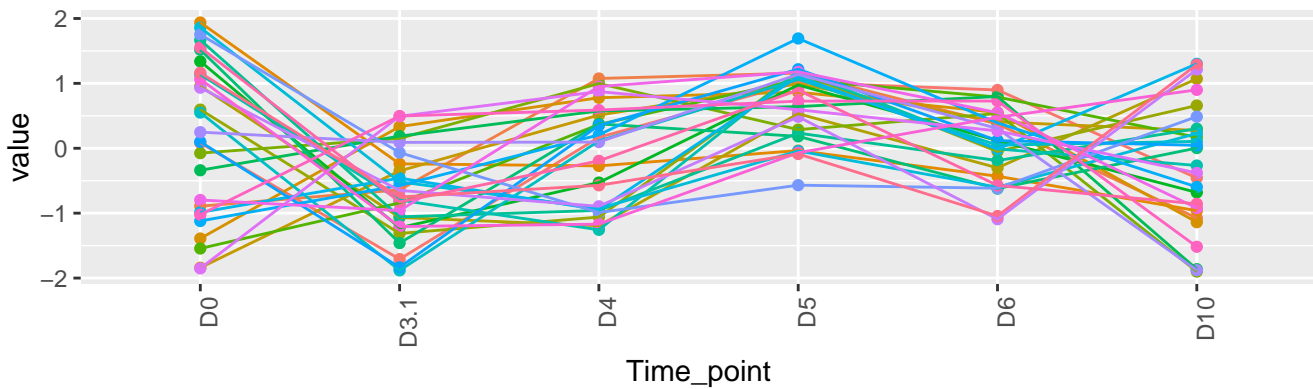
28 genes – WT-cluster-209-standardized



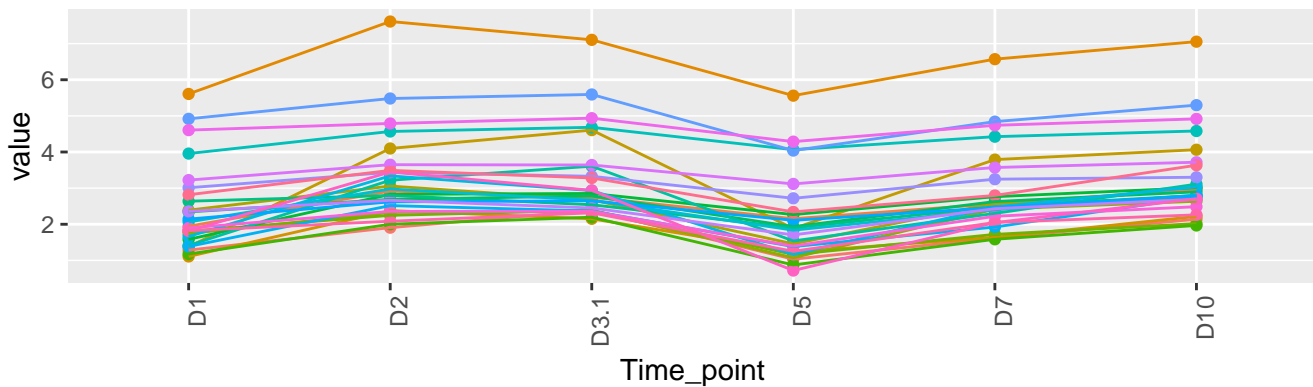
28 genes – KO-cluster-209-original



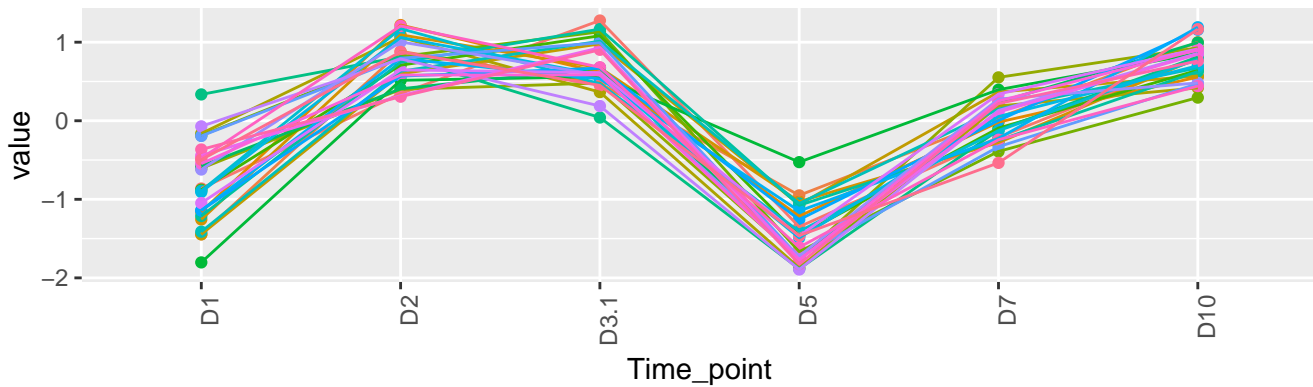
28 genes – KO-cluster-209-standardized



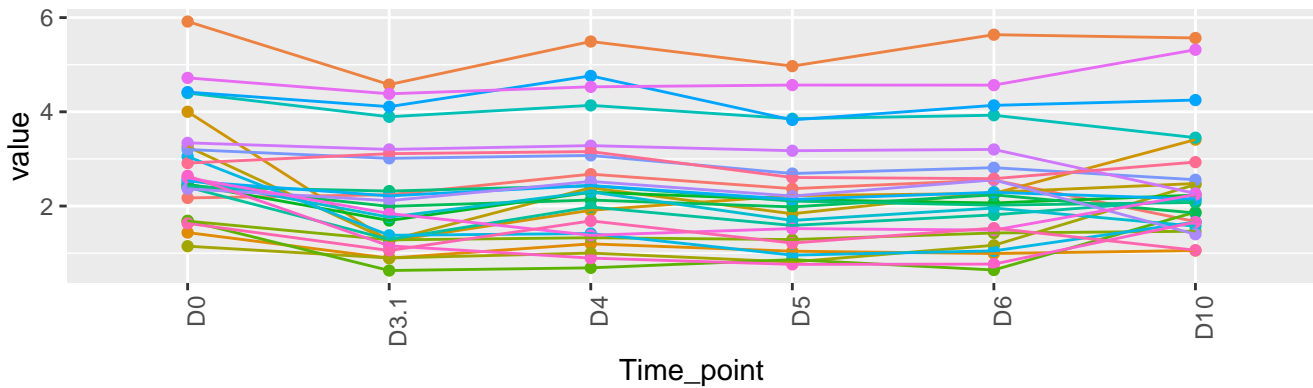
27 genes – WT-cluster-208-original



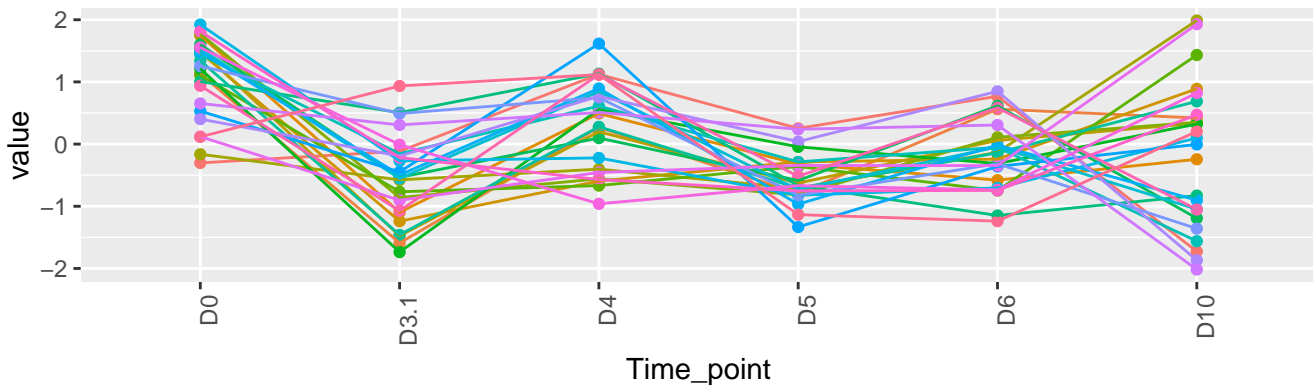
27 genes – WT-cluster-208-standardized



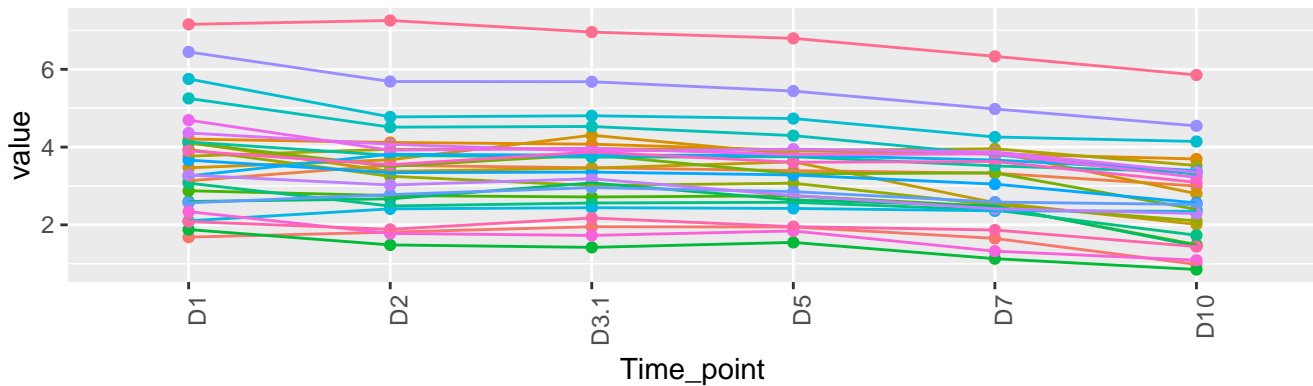
25 genes – KO-cluster-208-original



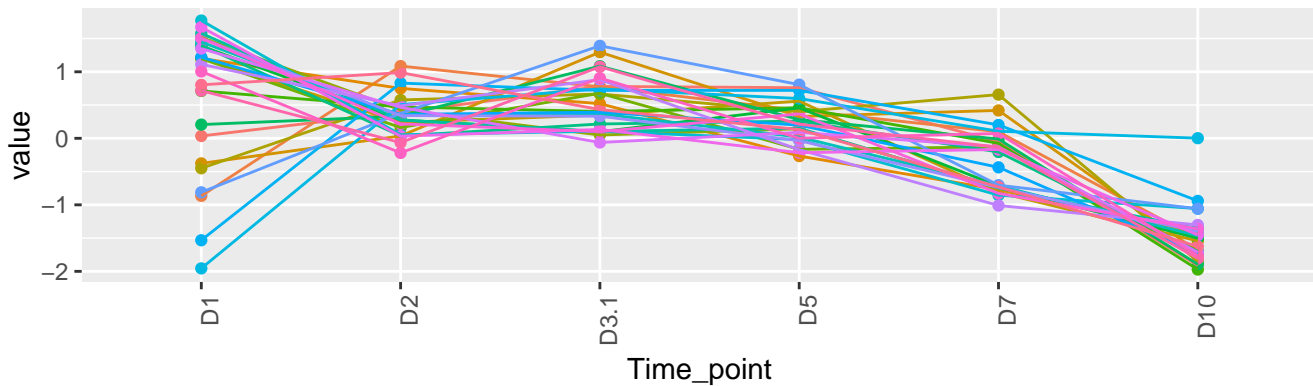
25 genes – KO-cluster-208-standardized



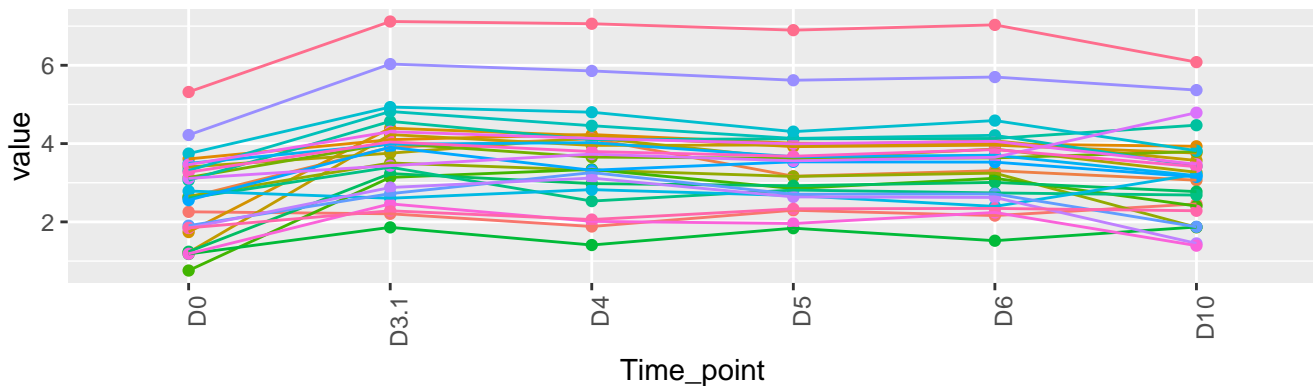
27 genes – WT-cluster-207-original



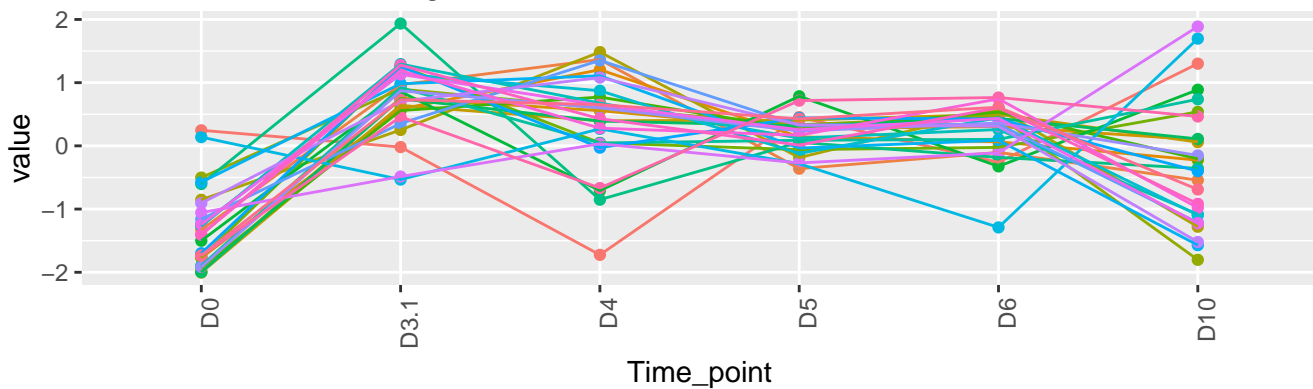
27 genes – WT-cluster-207-standardized



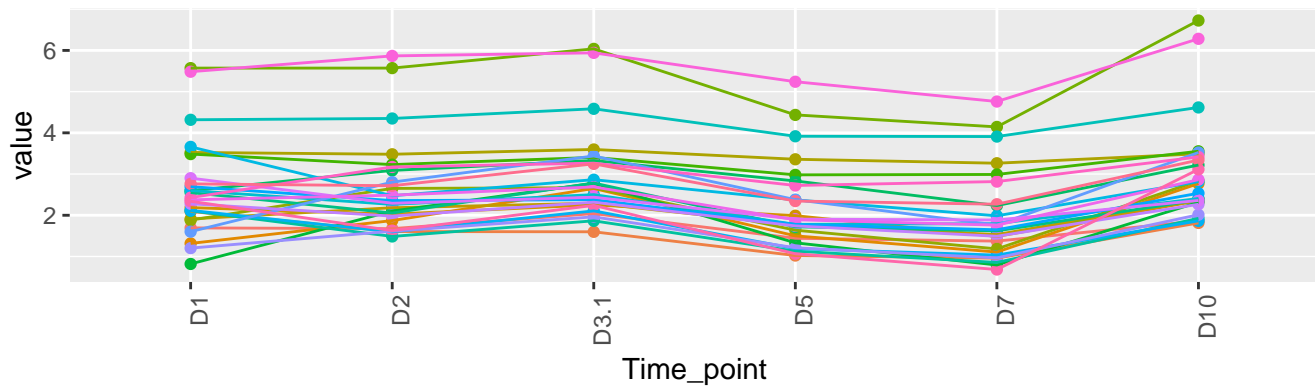
27 genes – KO-cluster-207-original



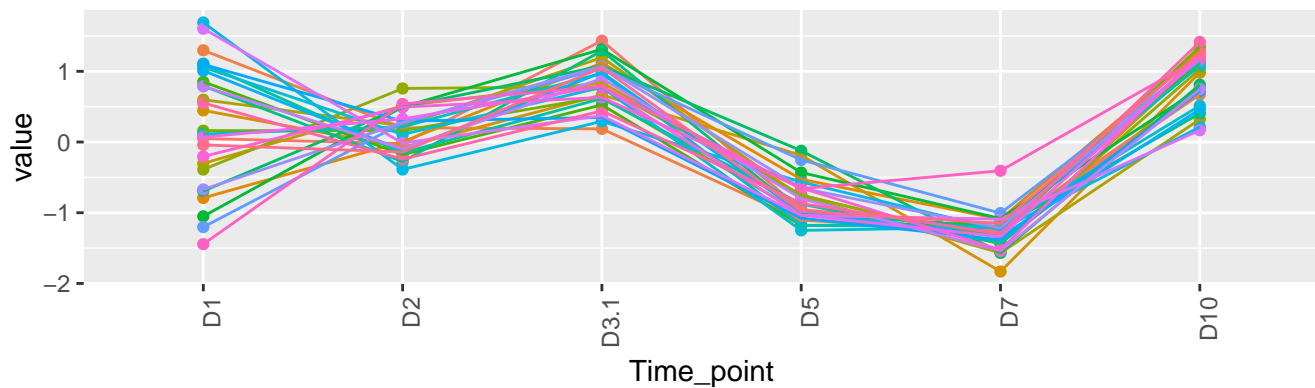
27 genes – KO-cluster-207-standardized



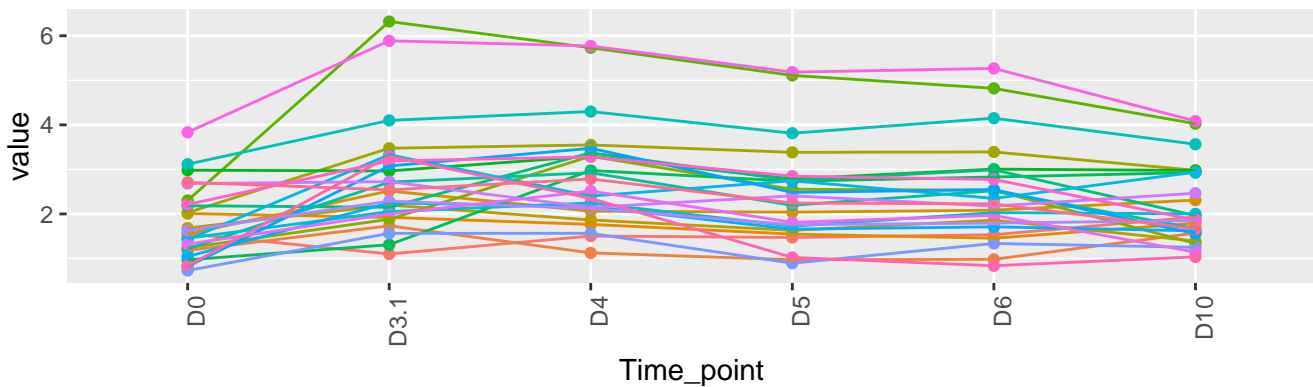
27 genes – WT-cluster-206-original



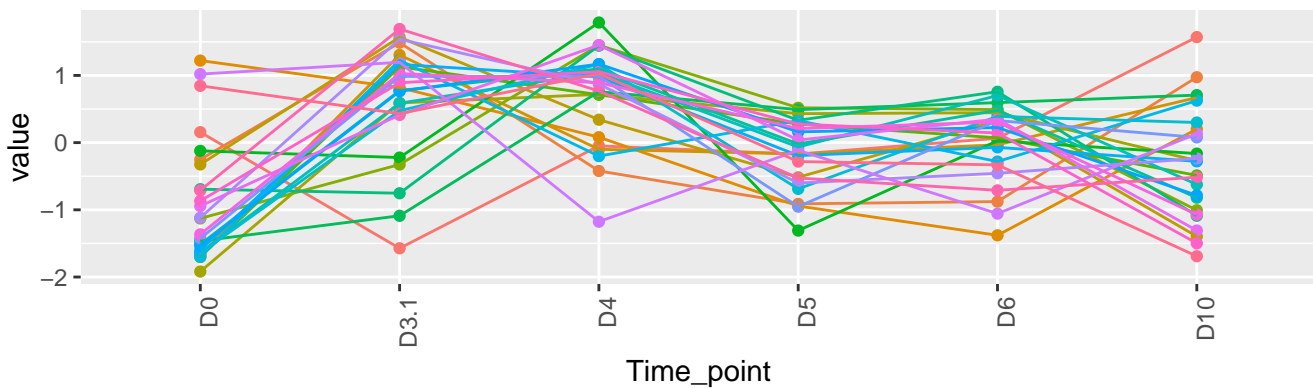
27 genes – WT-cluster-206-standardized



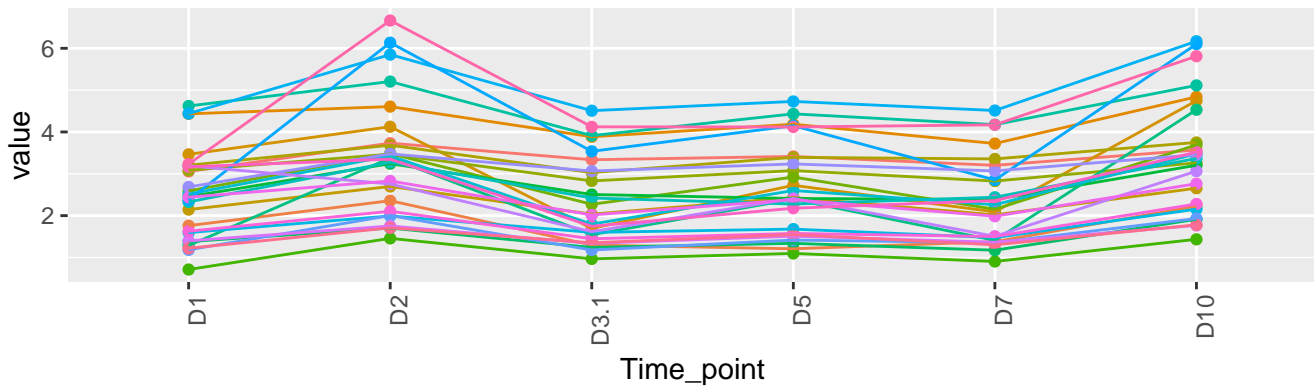
25 genes – KO-cluster-206-original



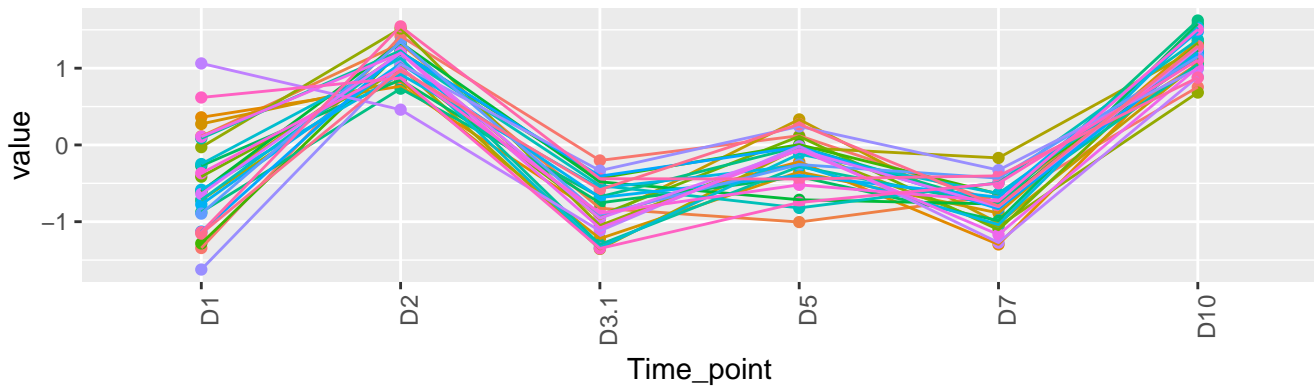
25 genes – KO-cluster-206-standardized



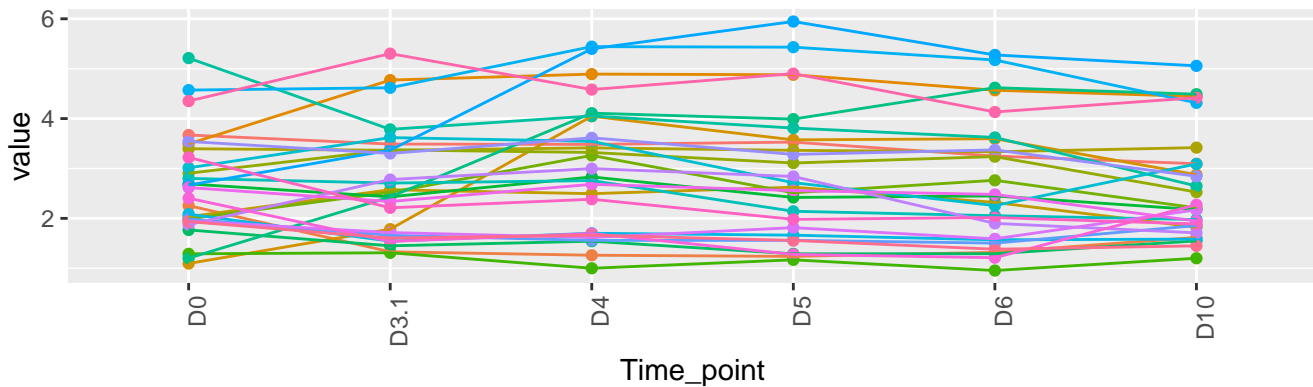
27 genes – WT-cluster-205-original



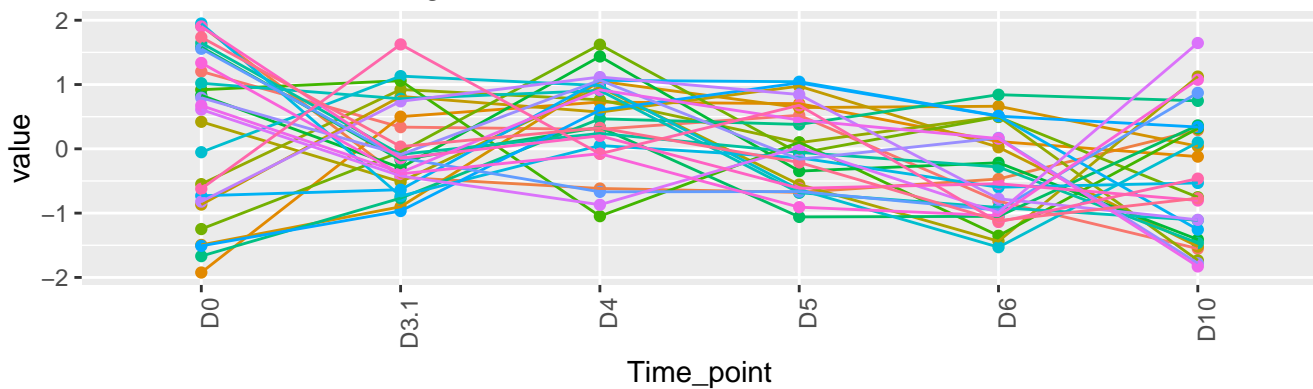
27 genes – WT-cluster-205-standardized



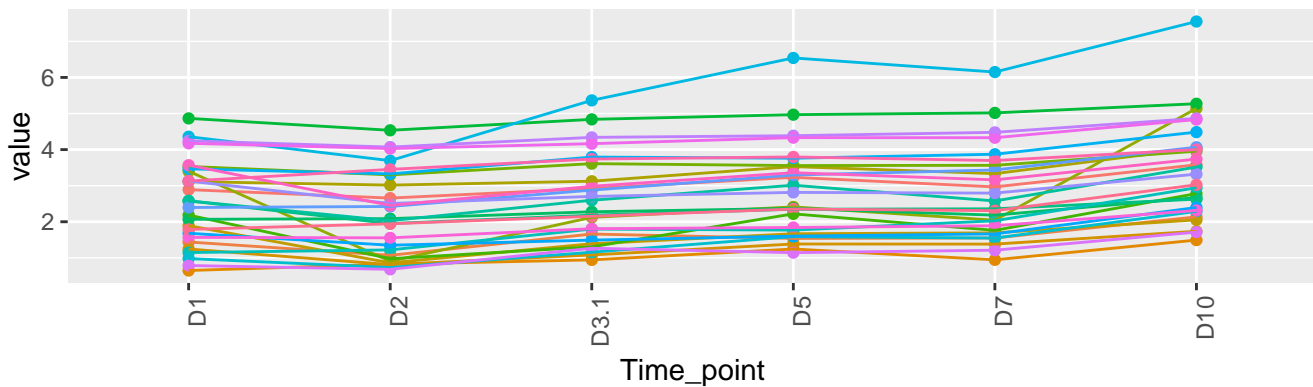
27 genes – KO-cluster-205-original



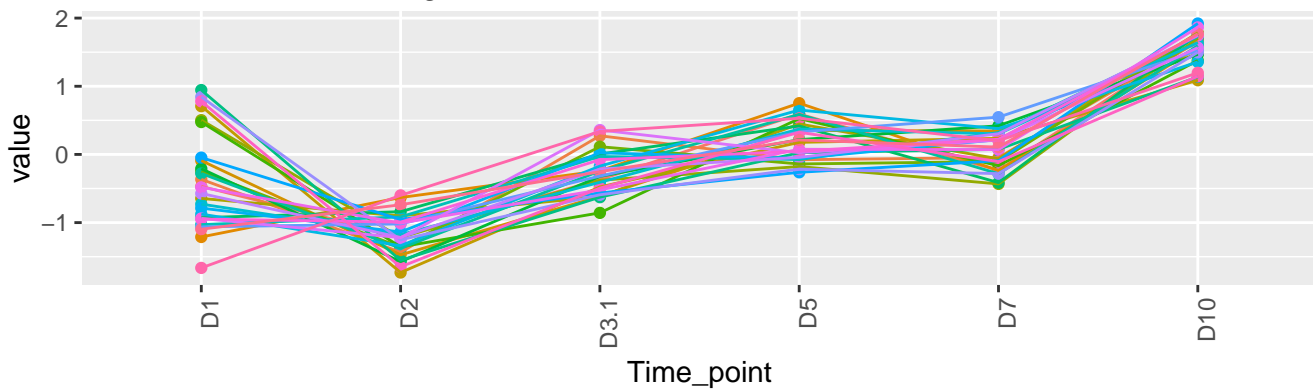
27 genes – KO-cluster-205-standardized



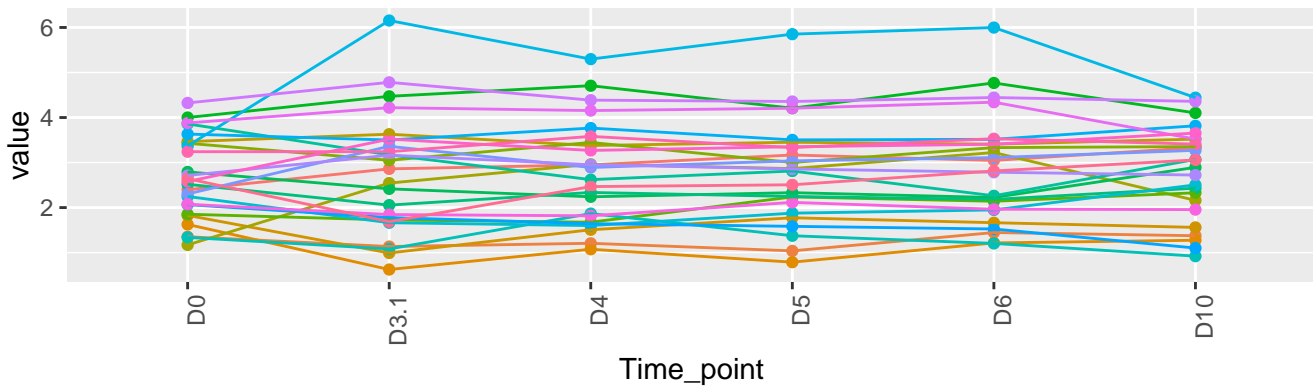
27 genes – WT-cluster-204-original



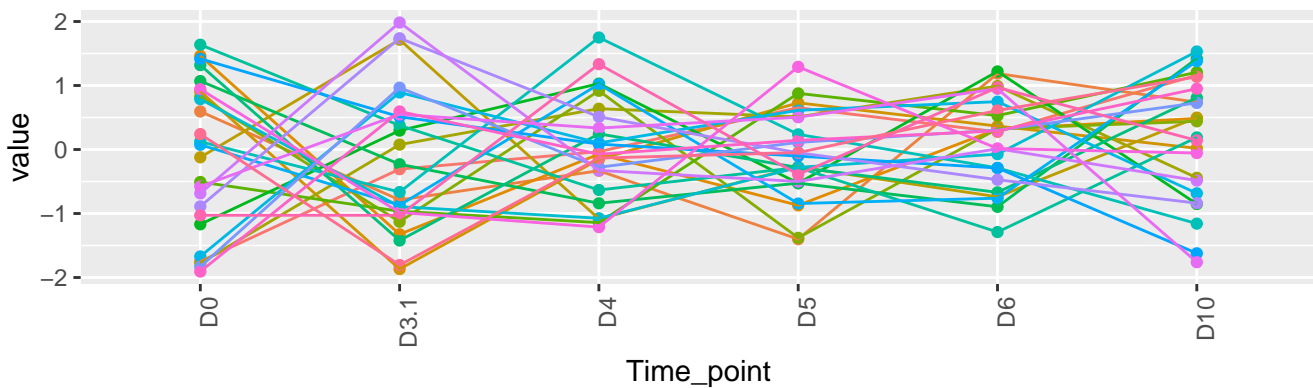
27 genes – WT-cluster-204-standardized



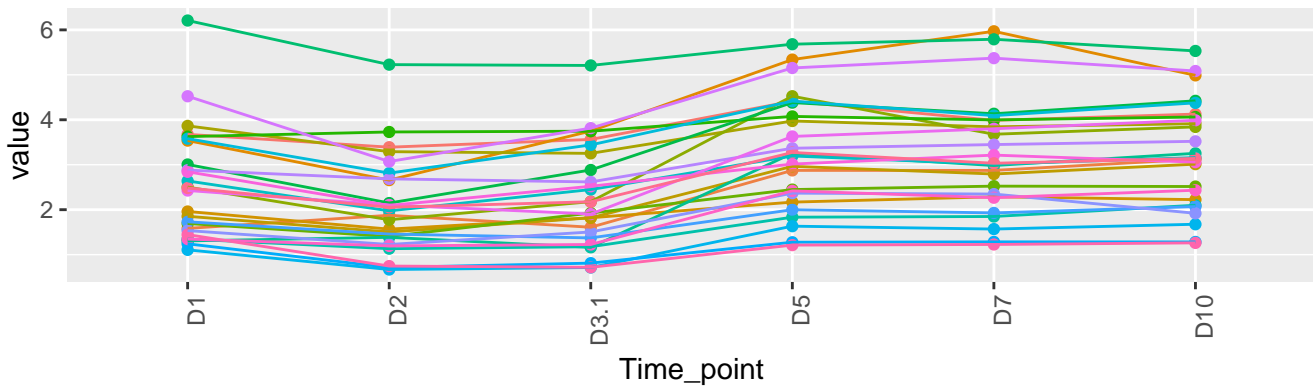
25 genes – KO-cluster-204-original



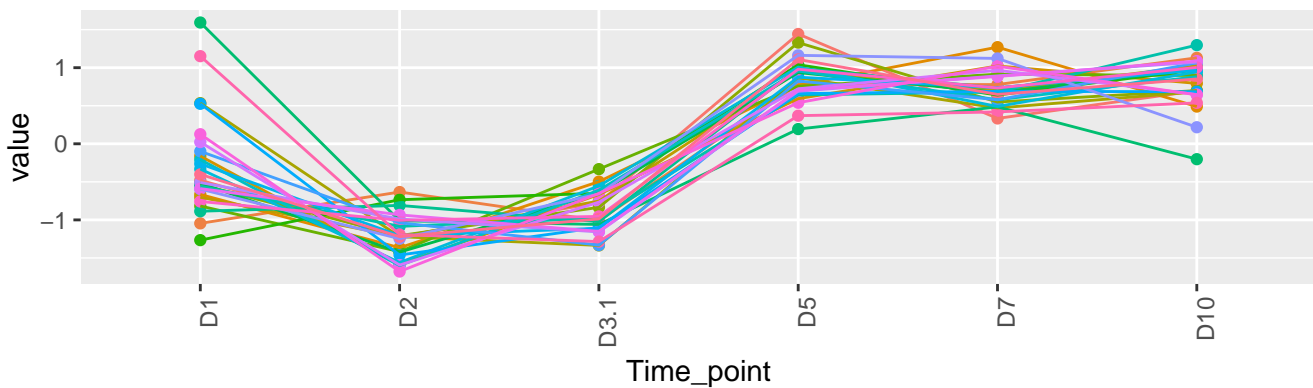
25 genes – KO-cluster-204-standardized



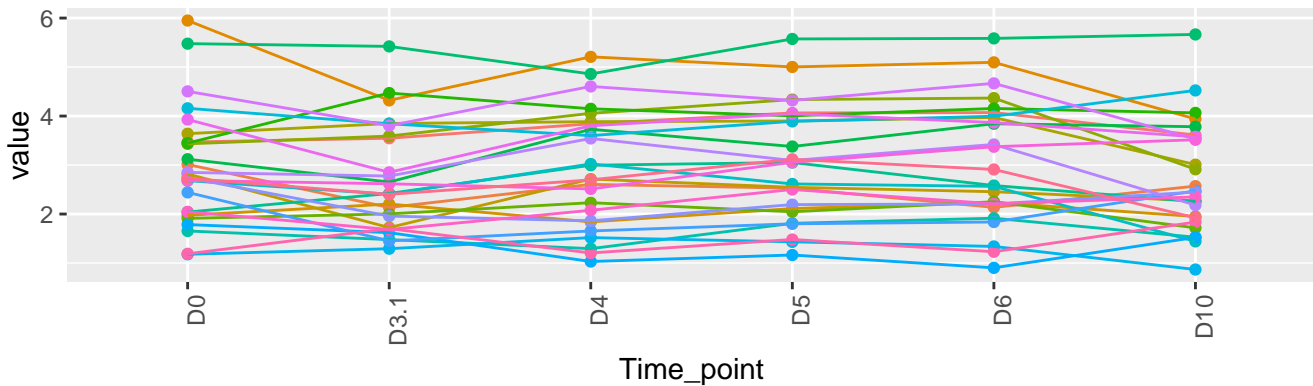
26 genes – WT-cluster-203-original



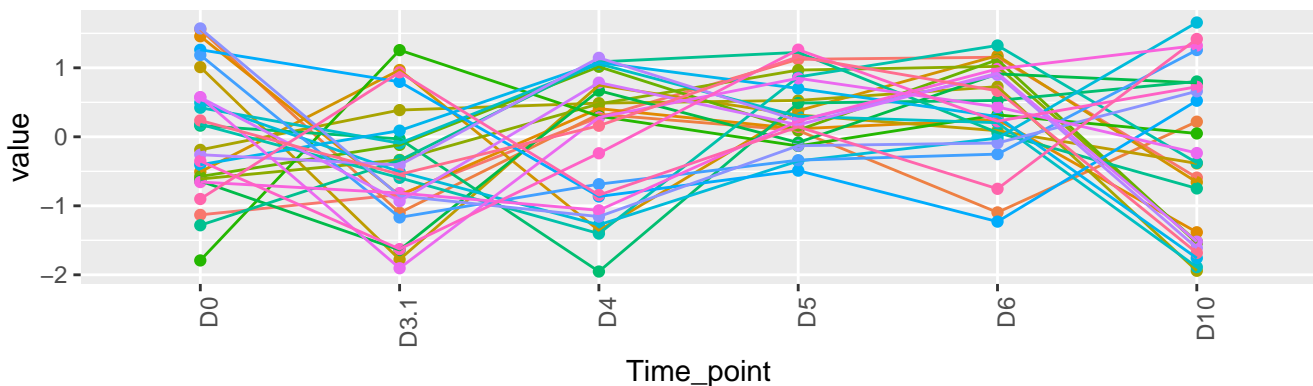
26 genes – WT-cluster-203-standardized



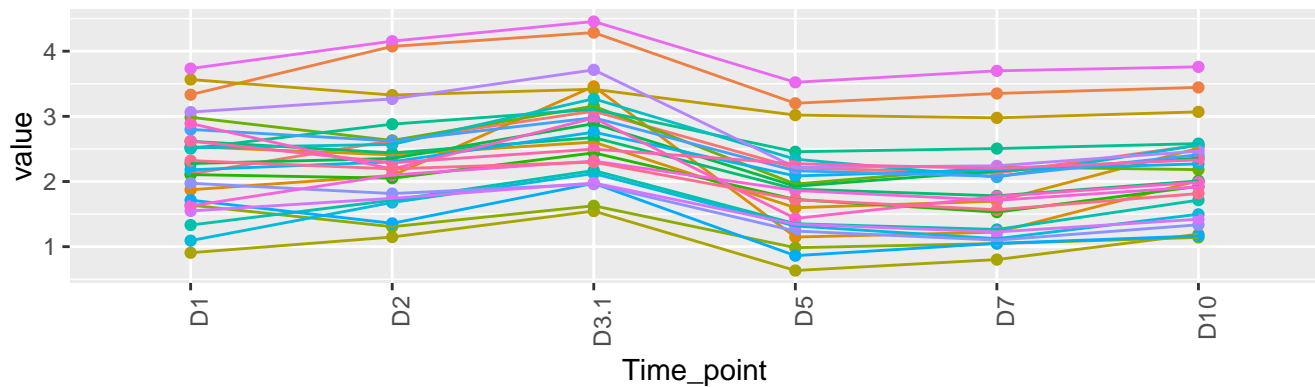
26 genes – KO-cluster-203-original



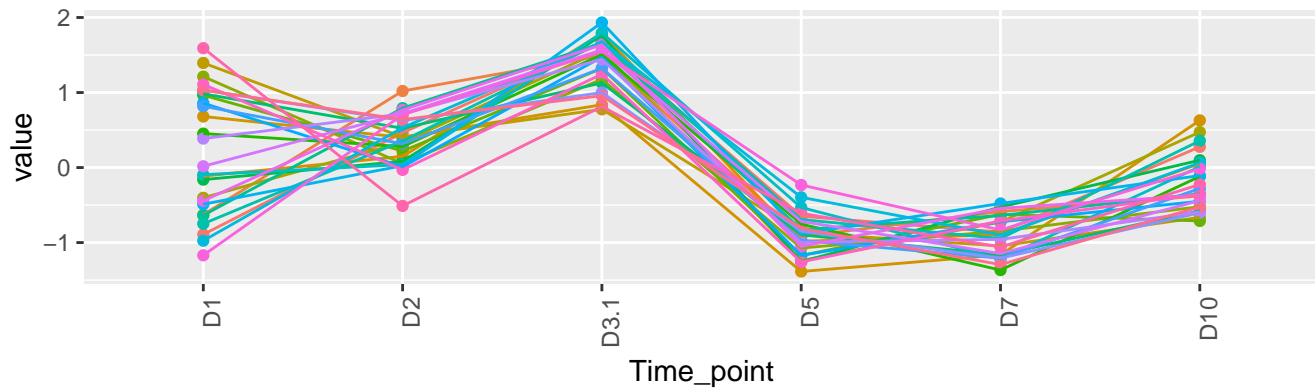
26 genes – KO-cluster-203-standardized



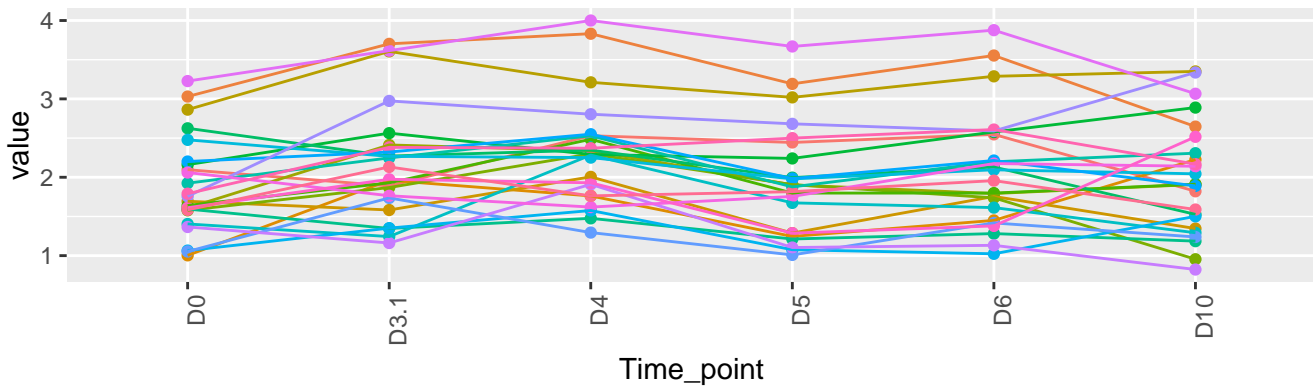
26 genes – WT-cluster-202-original



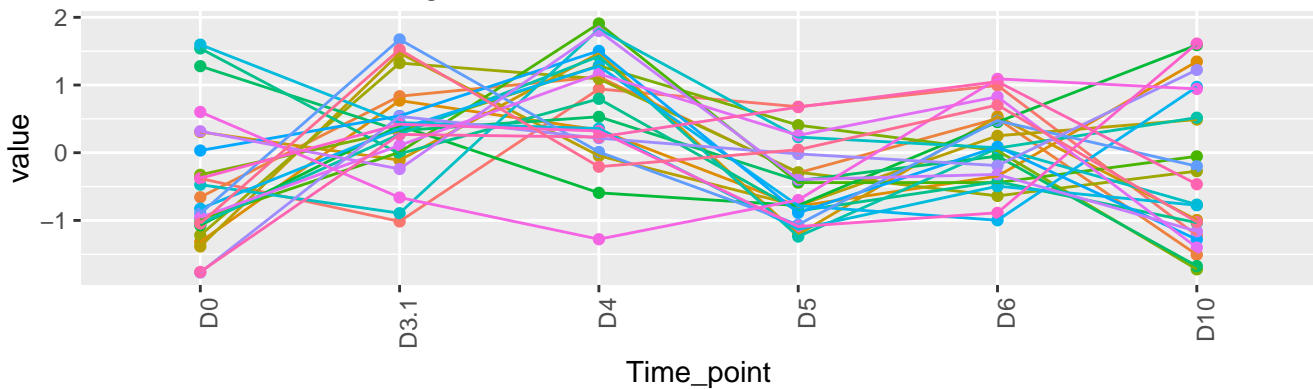
26 genes – WT-cluster-202-standardized



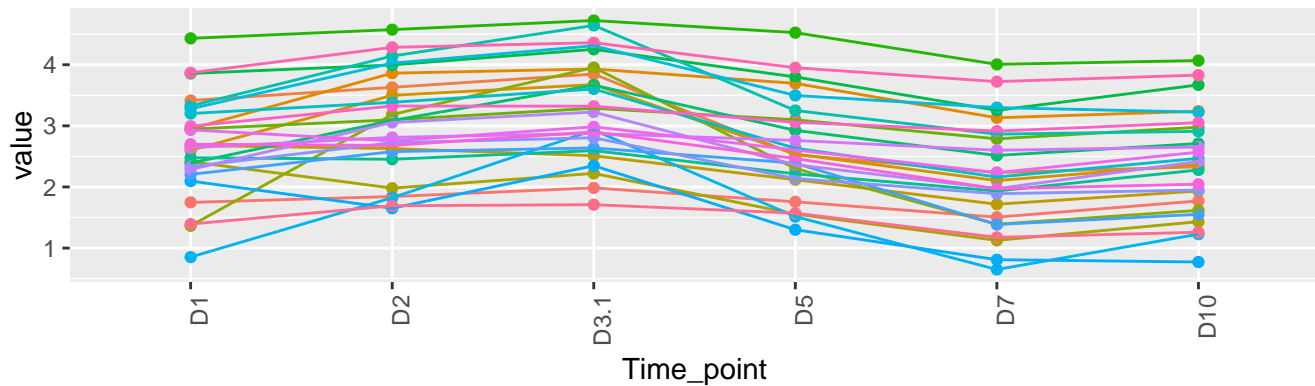
24 genes – KO-cluster-202-original



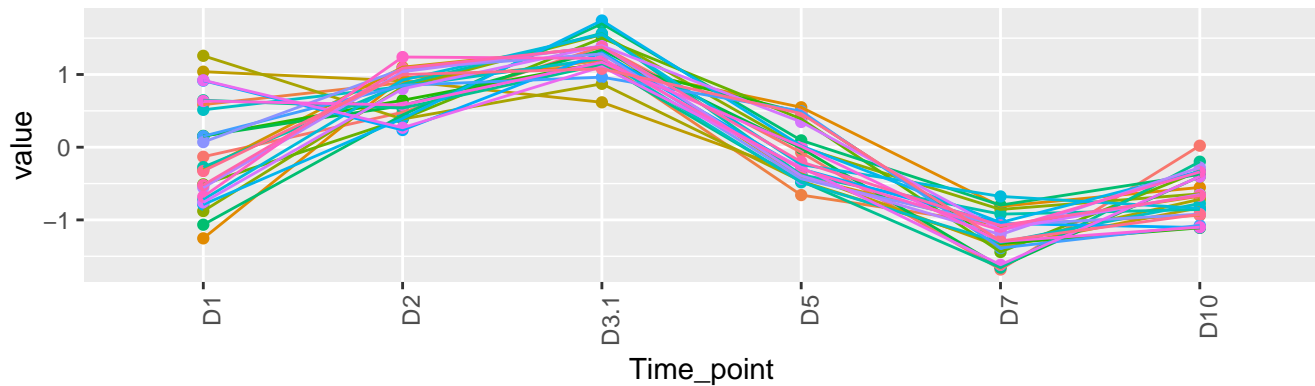
24 genes – KO-cluster-202-standardized



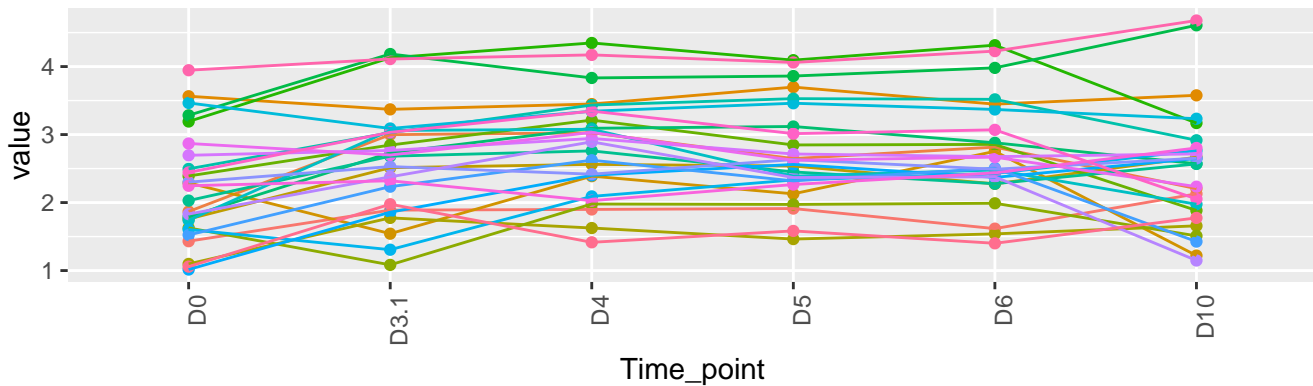
26 genes – WT-cluster-201-original



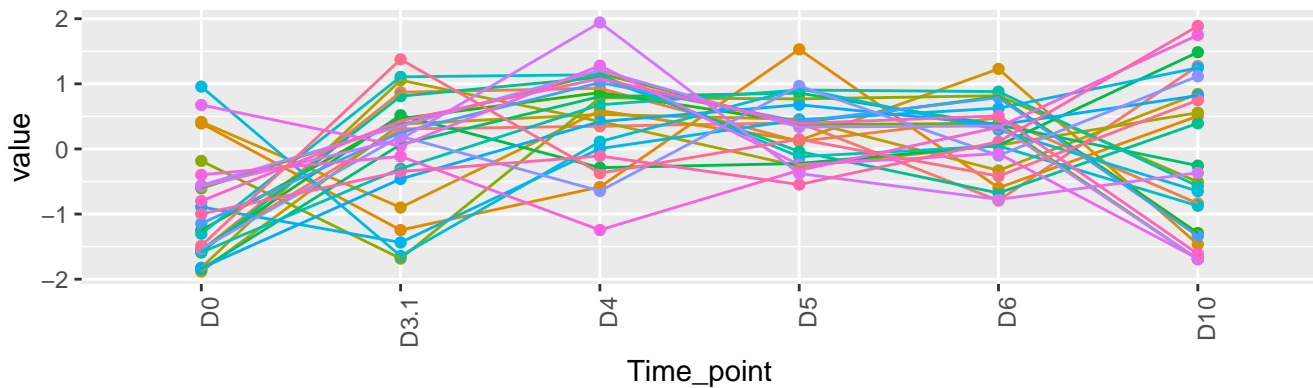
26 genes – WT-cluster-201-standardized



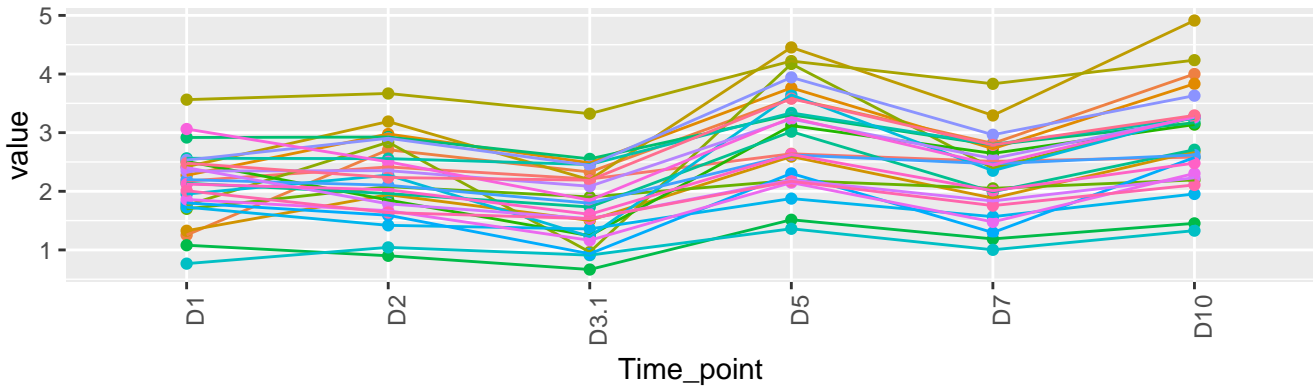
26 genes – KO-cluster-201-original



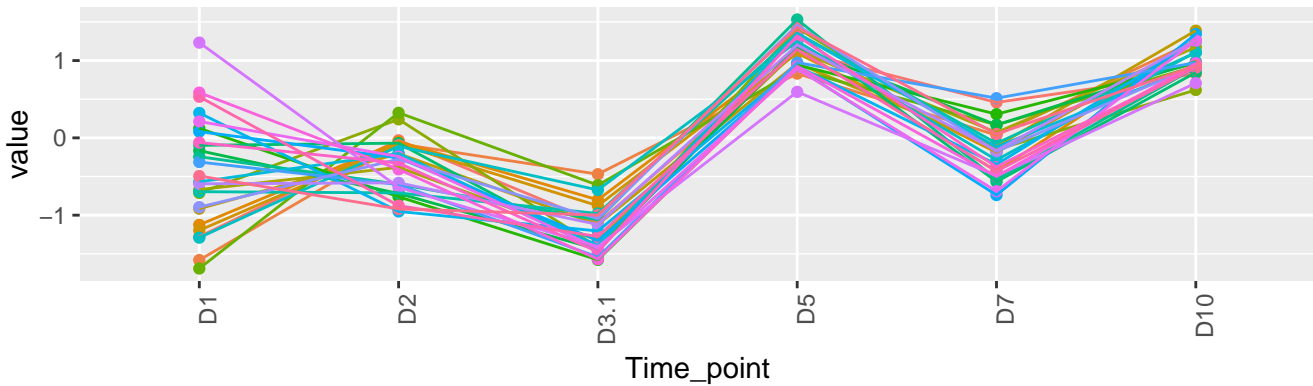
26 genes – KO-cluster-201-standardized



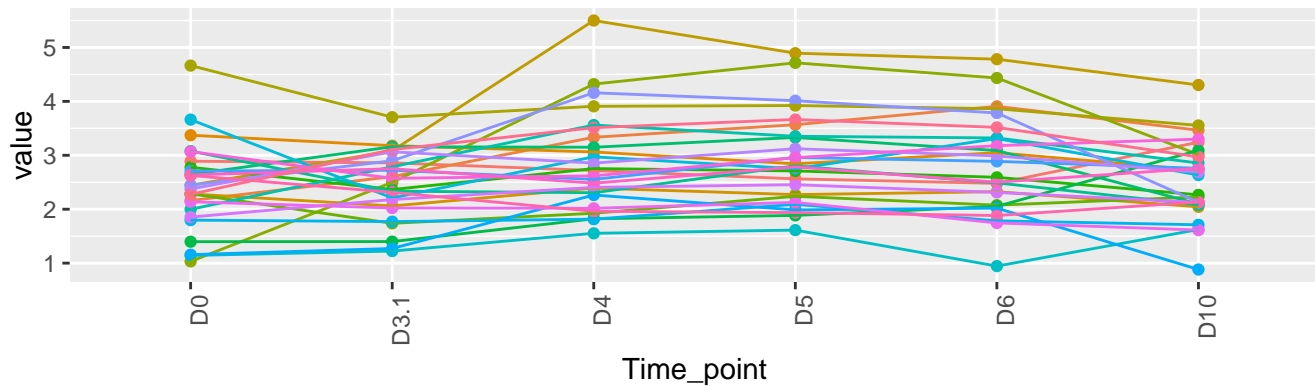
26 genes – WT-cluster-200-original



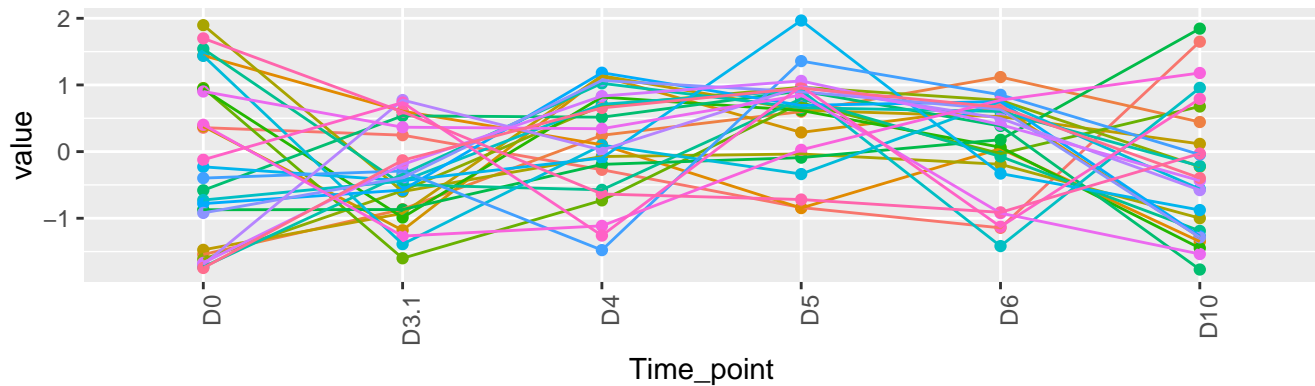
26 genes – WT-cluster-200-standardized



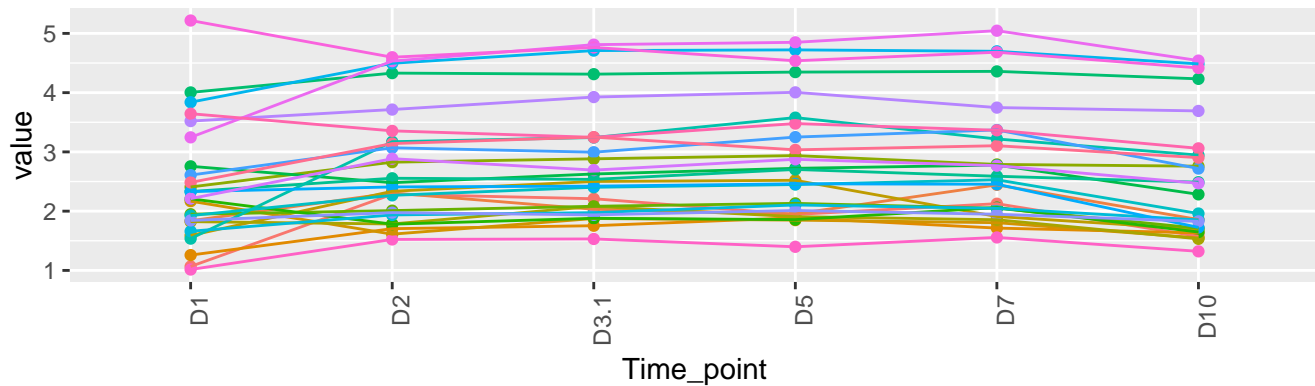
26 genes – KO-cluster-200-original



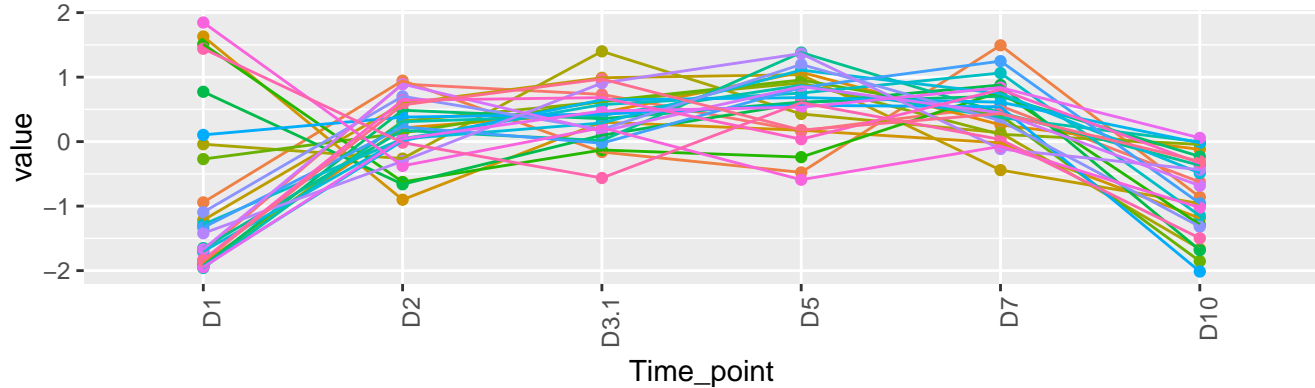
26 genes – KO-cluster-200-standardized



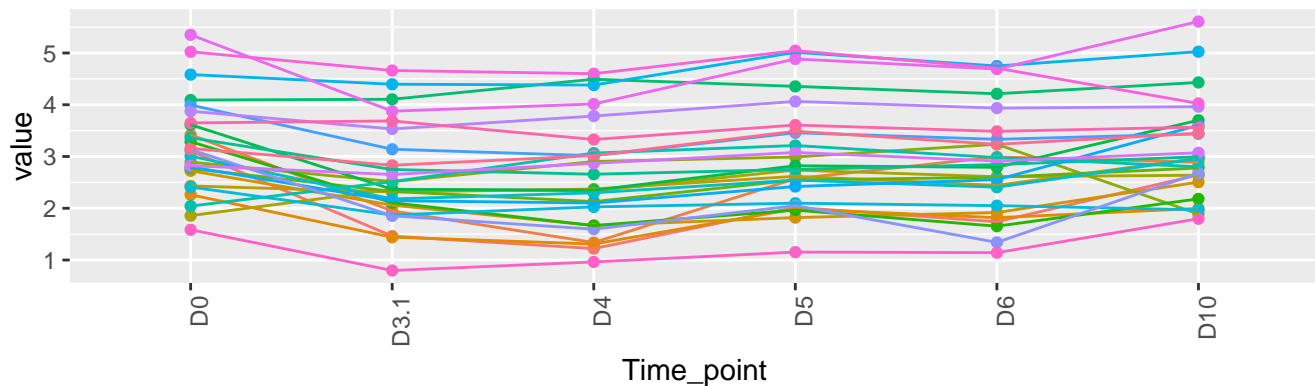
26 genes – WT-cluster-199-original



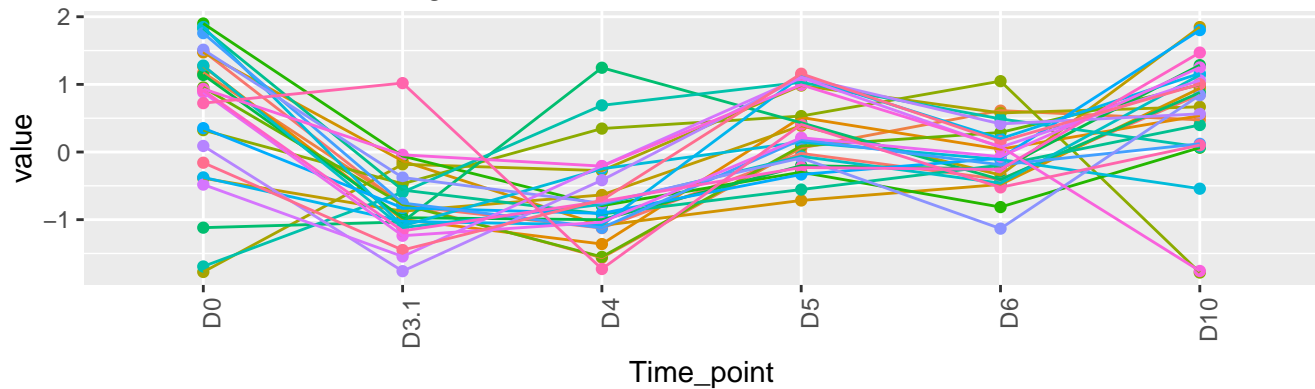
26 genes – WT-cluster-199-standardized



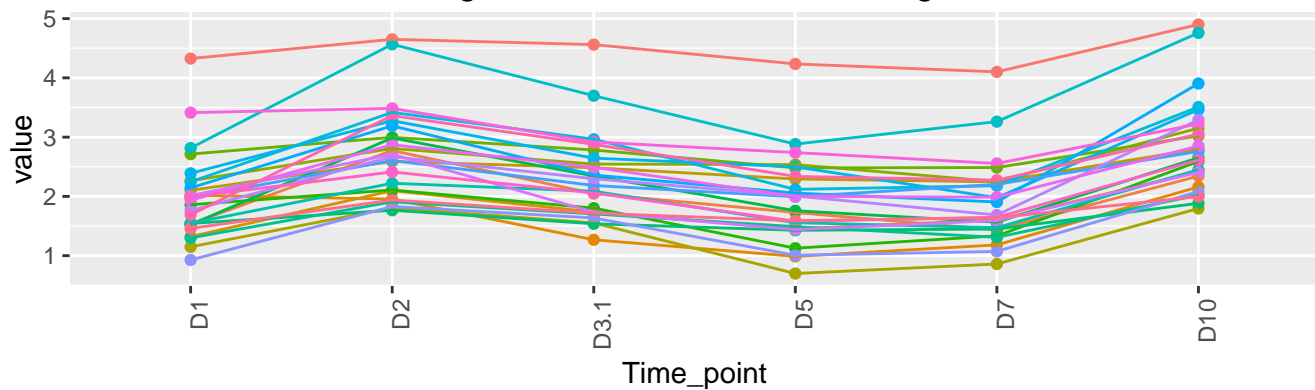
26 genes – KO-cluster-199-original



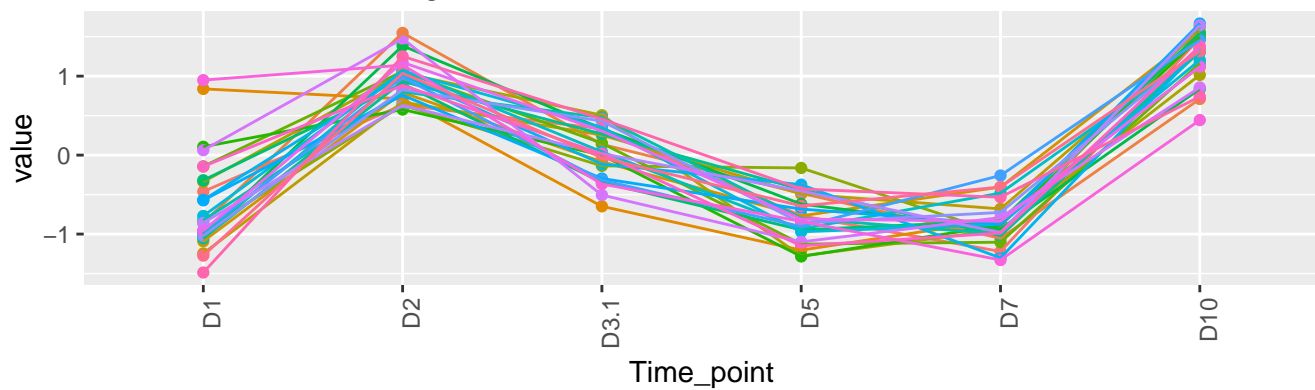
26 genes – KO-cluster-199-standardized



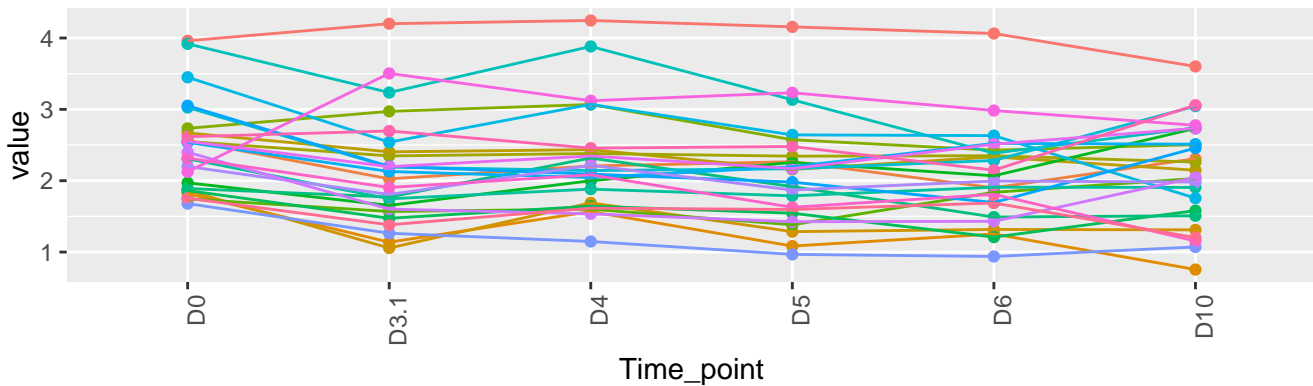
26 genes – WT-cluster-198-original



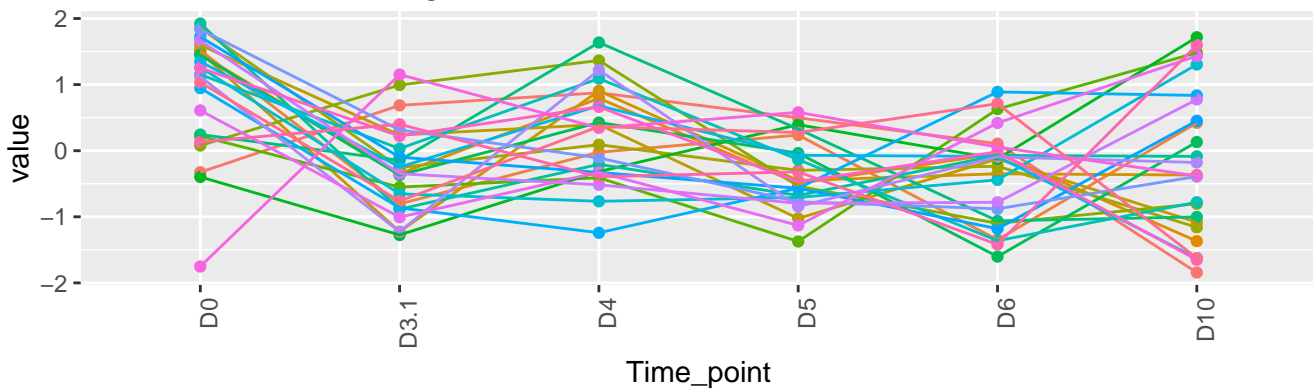
26 genes – WT-cluster-198-standardized



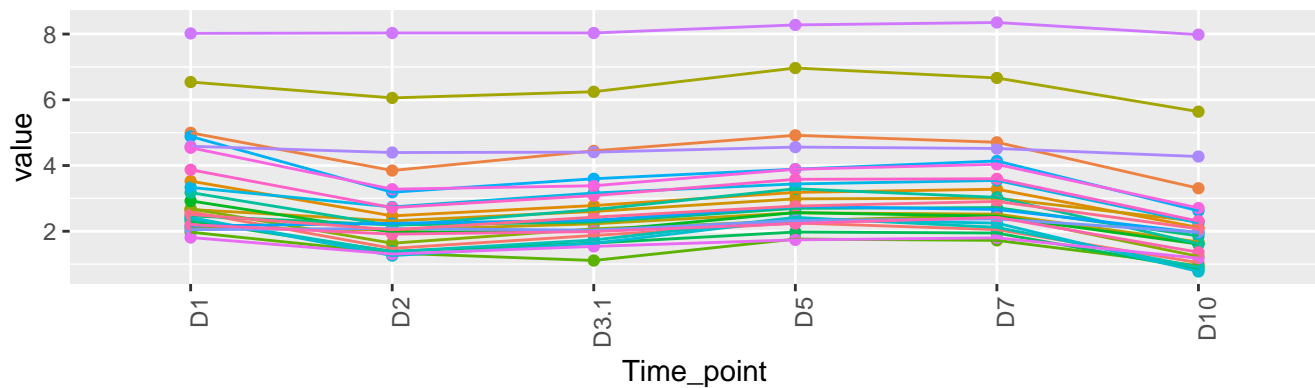
25 genes – KO-cluster-198-original



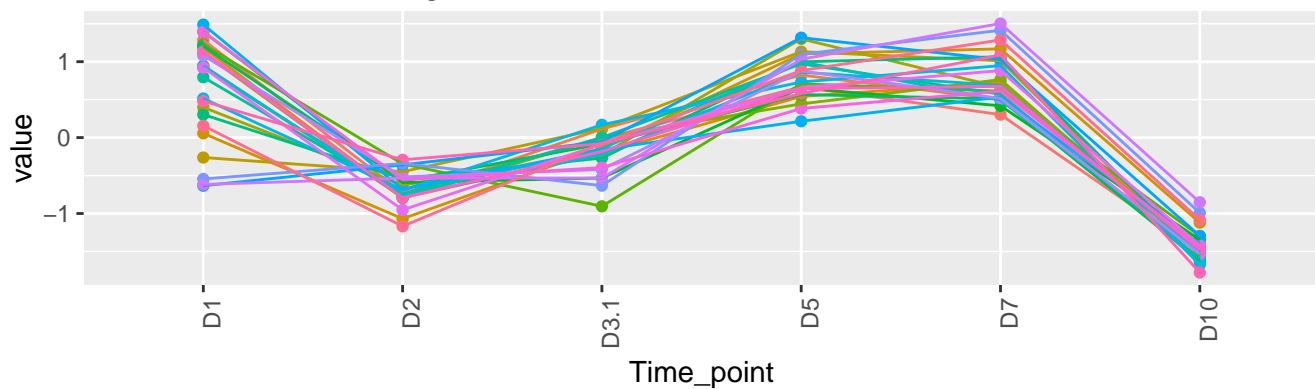
25 genes – KO-cluster-198-standardized



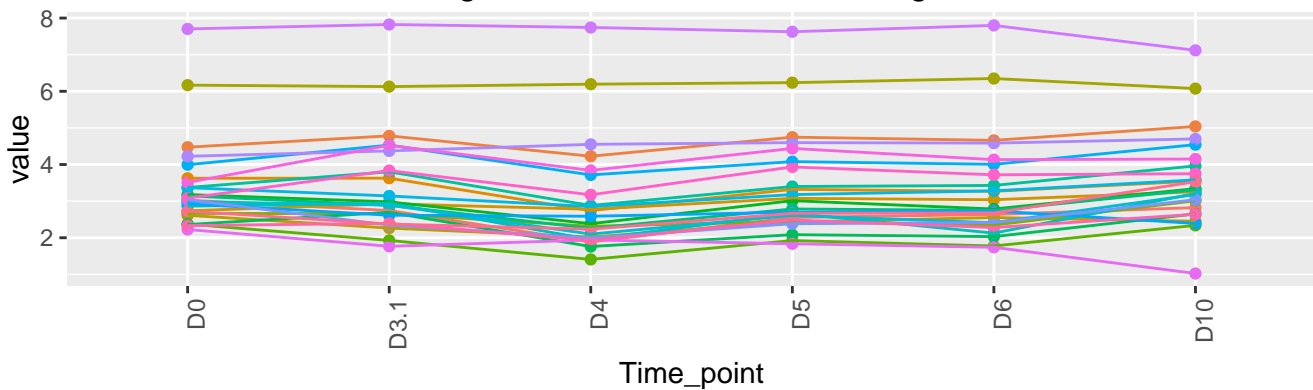
25 genes – WT-cluster-197-original



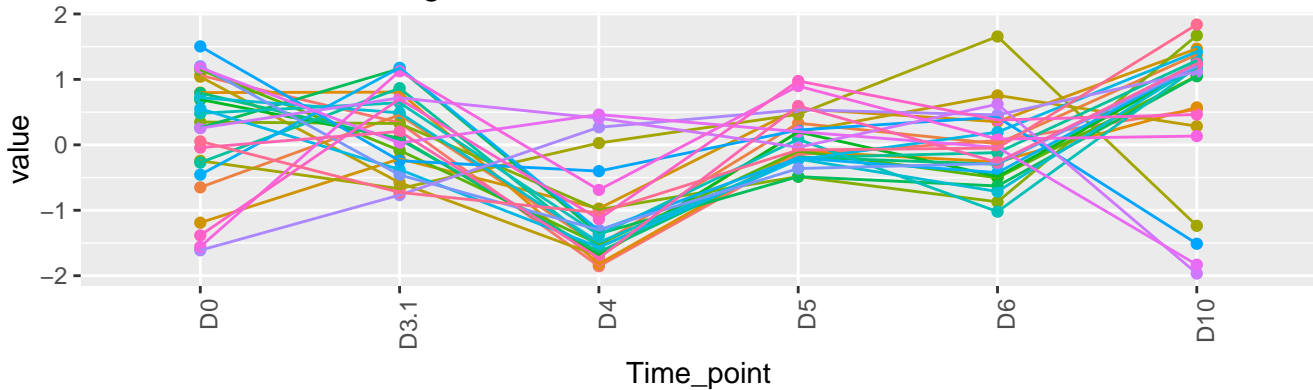
25 genes – WT-cluster-197-standardized



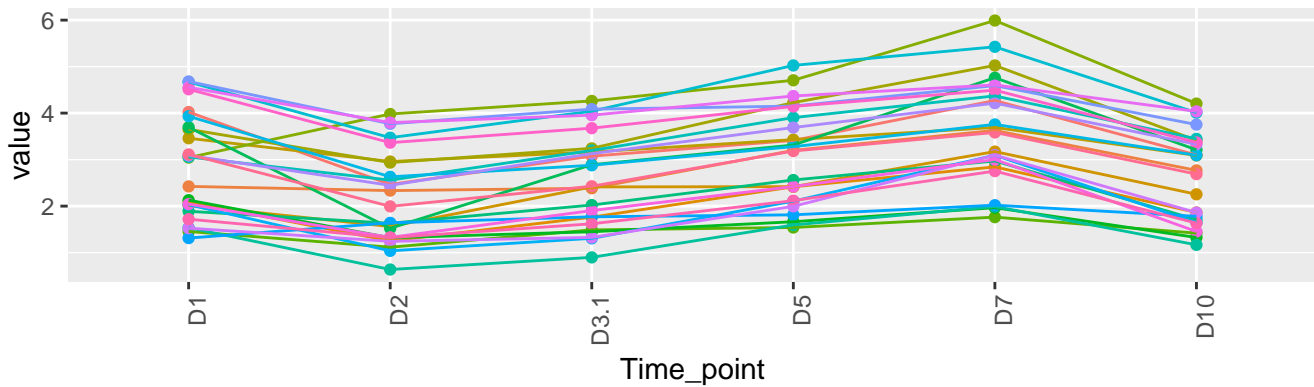
25 genes – KO-cluster-197-original



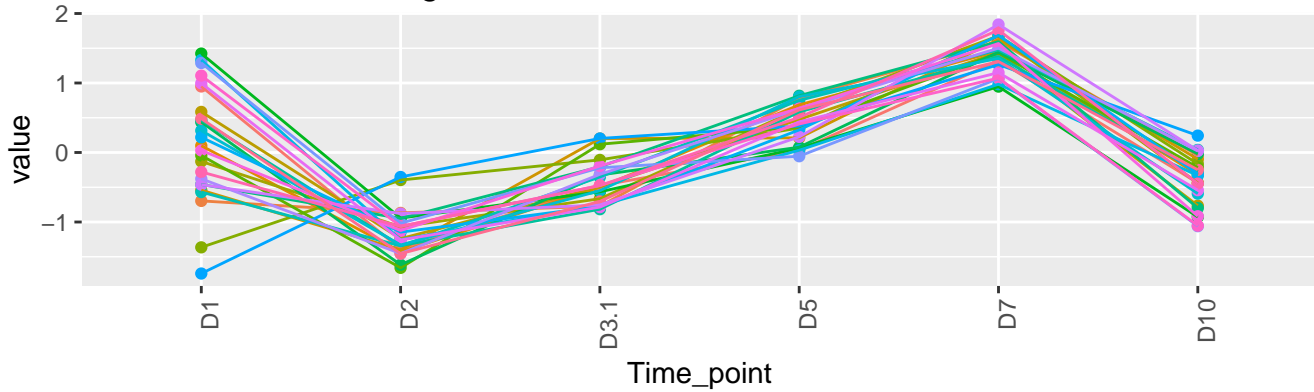
25 genes – KO-cluster-197-standardized



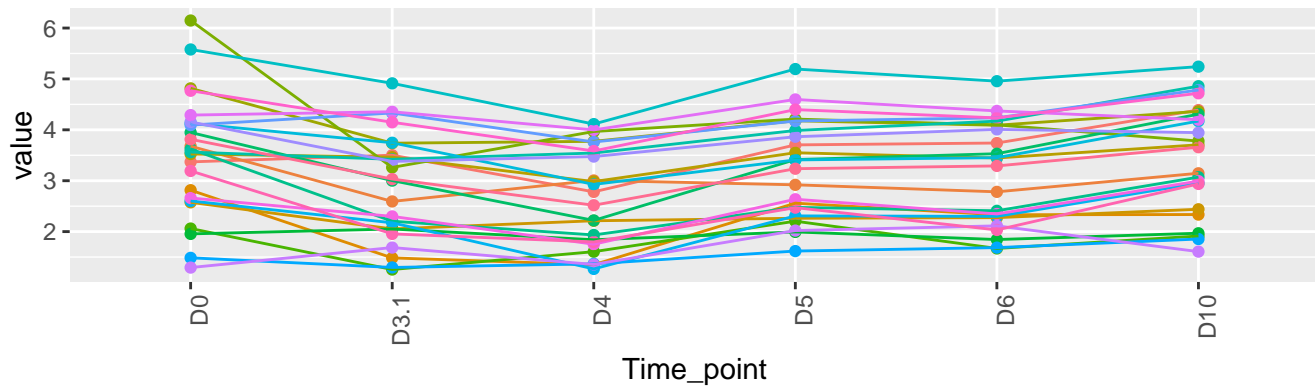
25 genes – WT-cluster-196-original



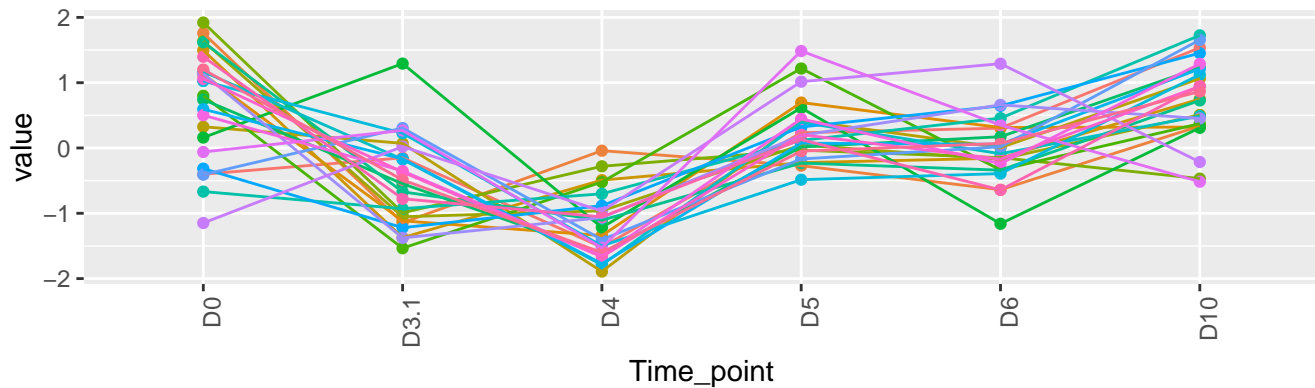
25 genes – WT-cluster-196-standardized



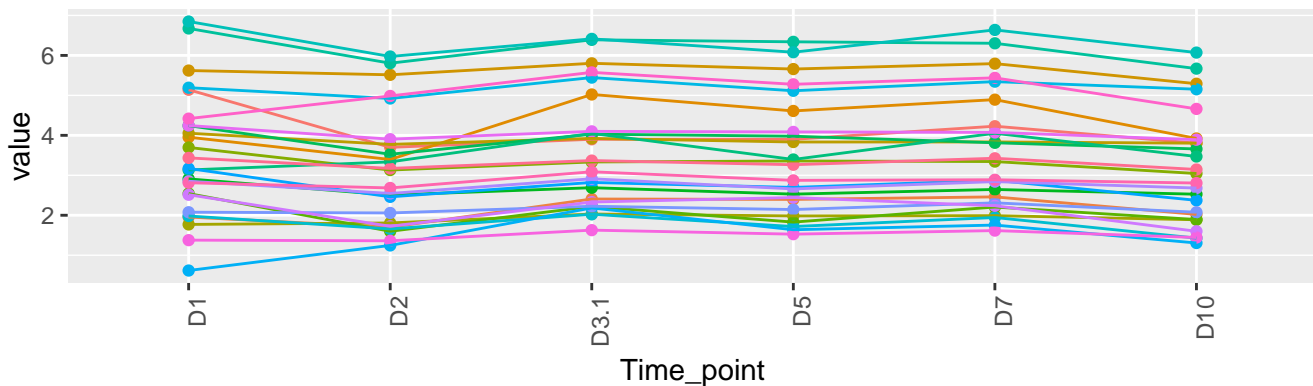
24 genes – KO-cluster-196-original



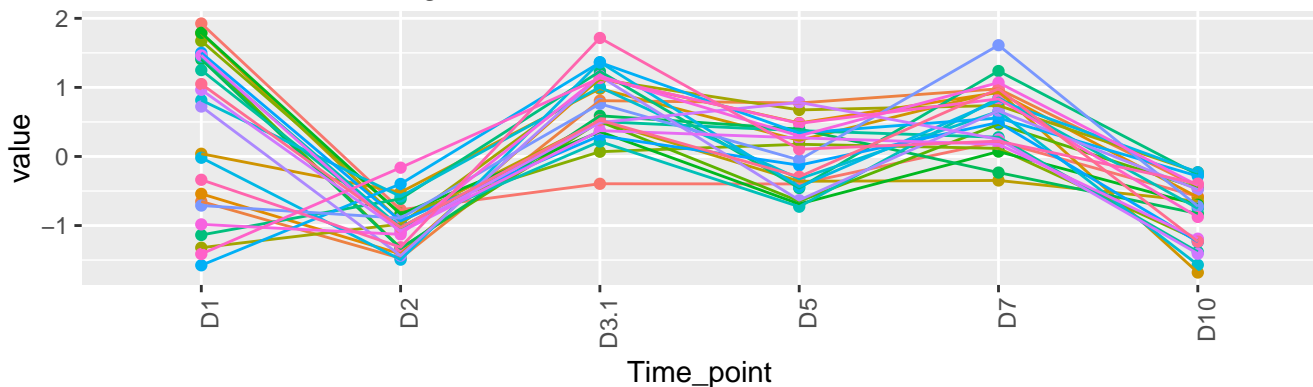
24 genes – KO-cluster-196-standardized



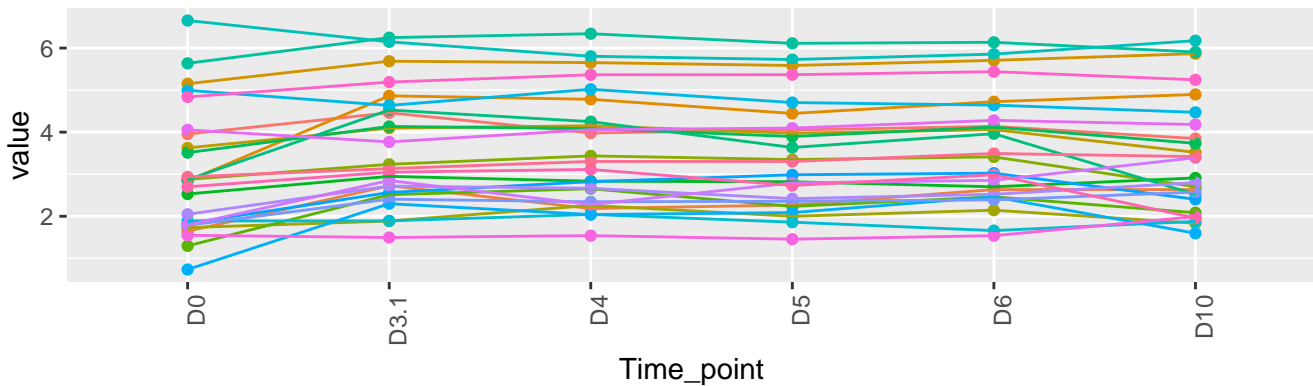
25 genes – WT-cluster-195-original



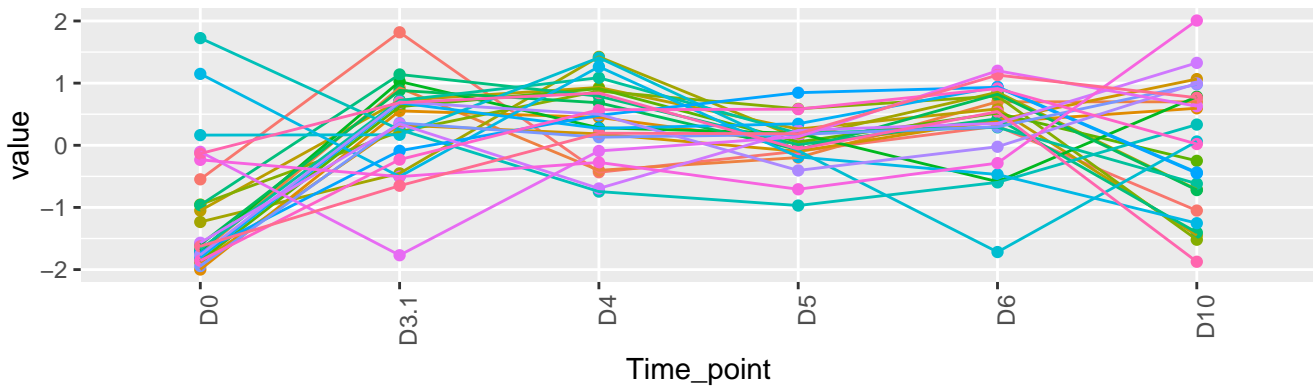
25 genes – WT-cluster-195-standardized



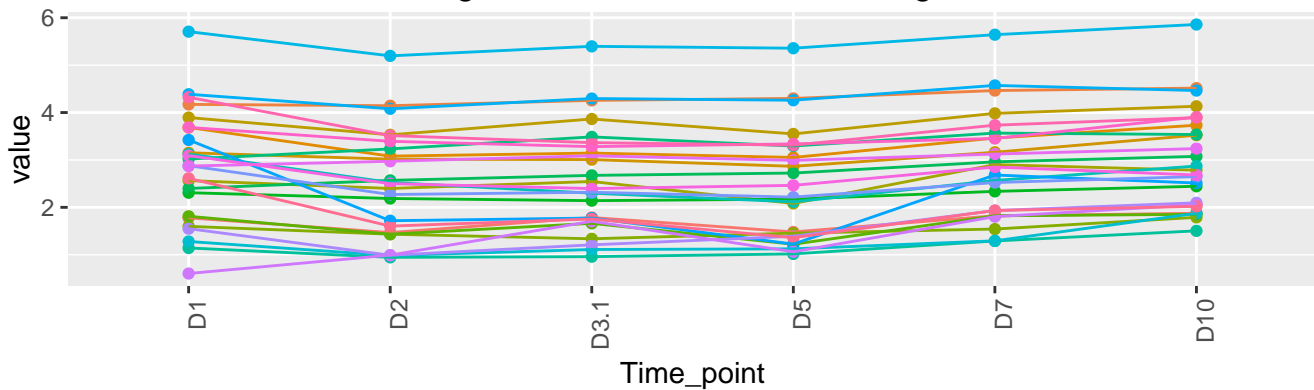
25 genes – KO-cluster-195-original



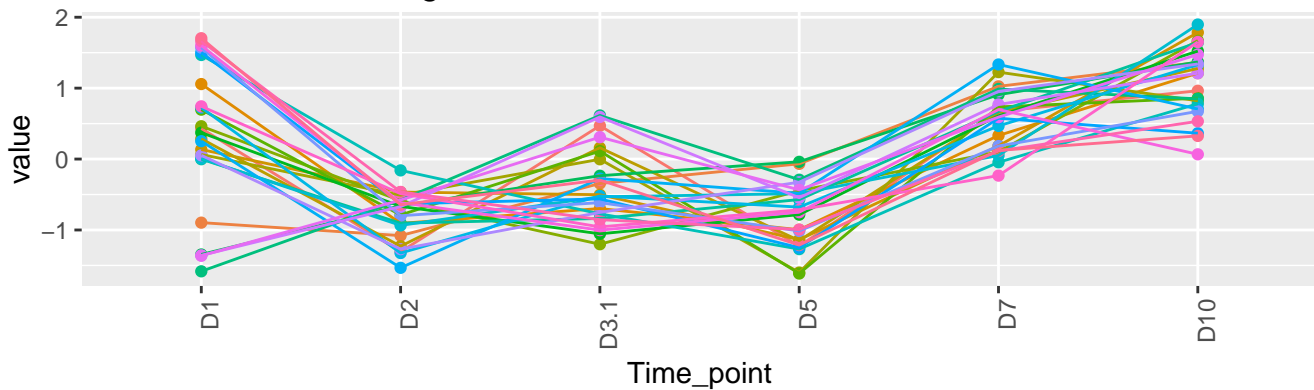
25 genes – KO-cluster-195-standardized



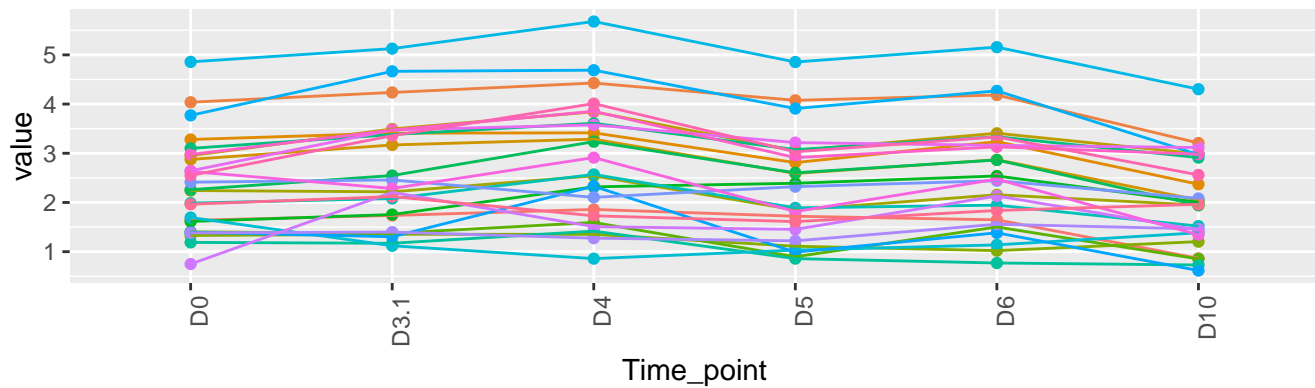
25 genes – WT-cluster-194-original



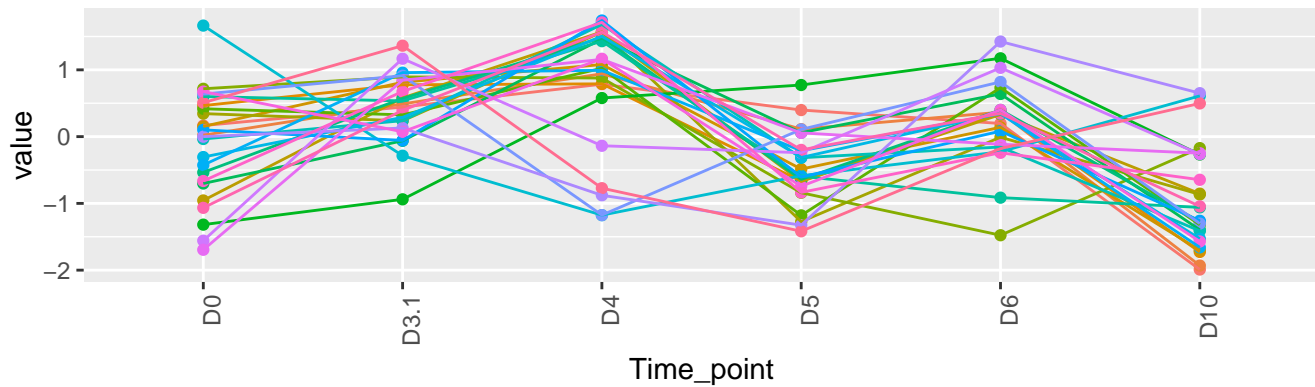
25 genes – WT-cluster-194-standardized



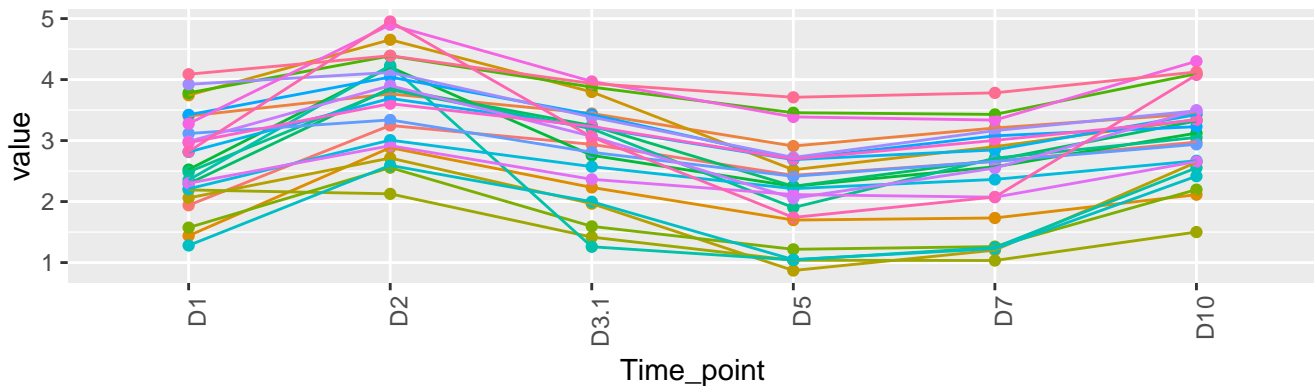
25 genes – KO-cluster-194-original



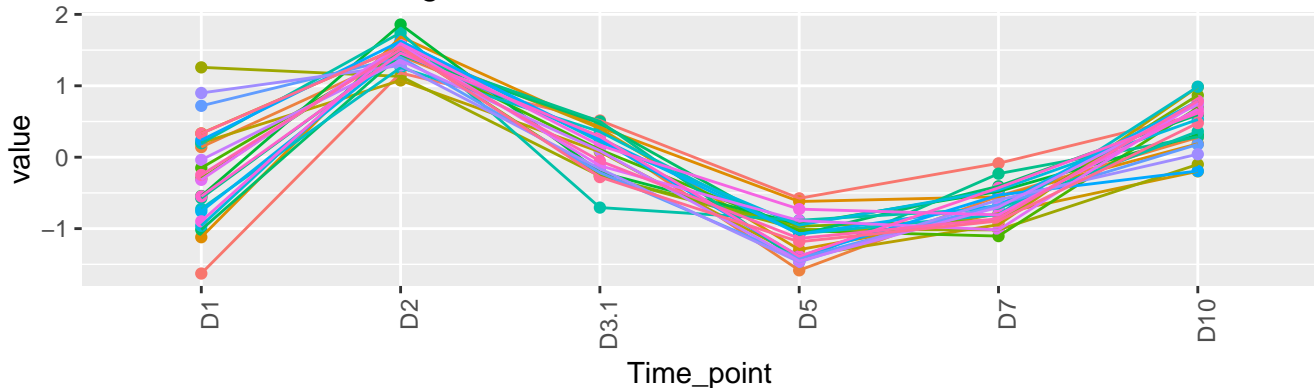
25 genes – KO-cluster-194-standardized



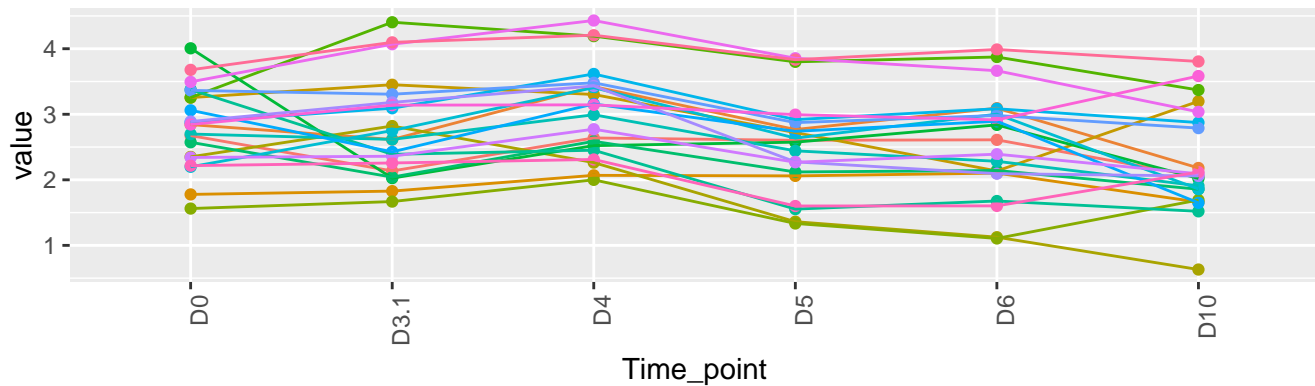
24 genes – WT-cluster-193-original



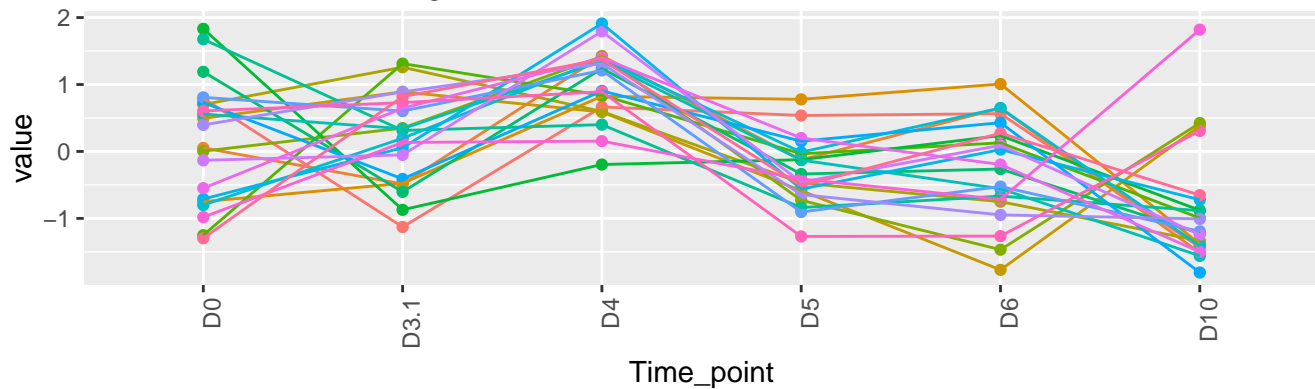
24 genes – WT-cluster-193-standardized



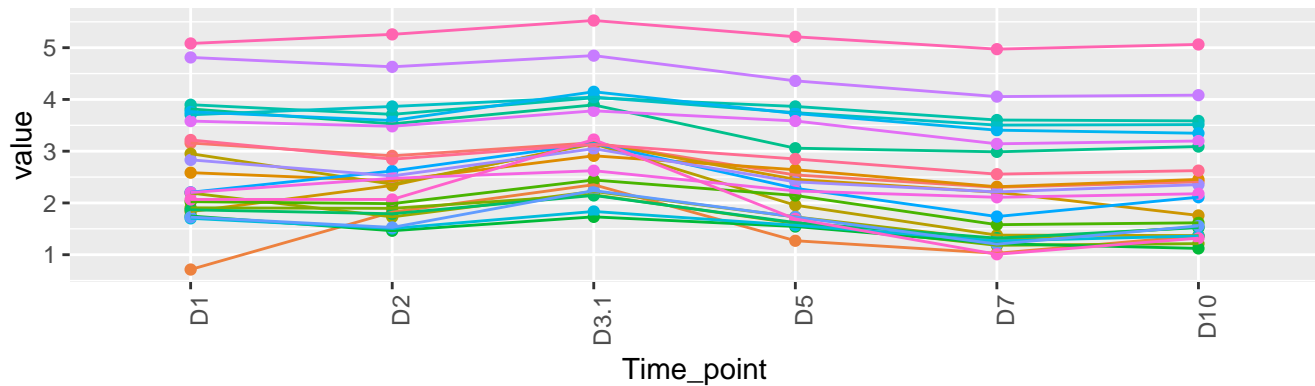
21 genes – KO-cluster-193-original



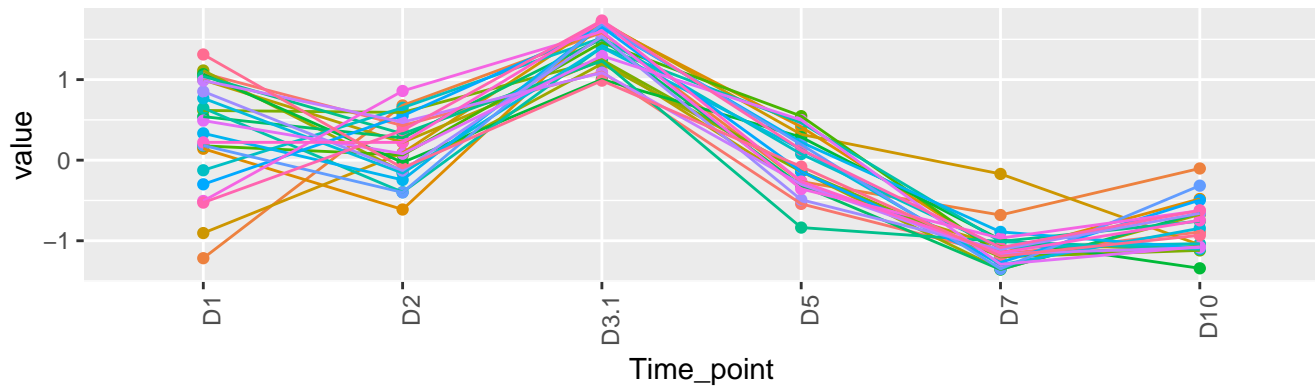
21 genes – KO-cluster-193-standardized



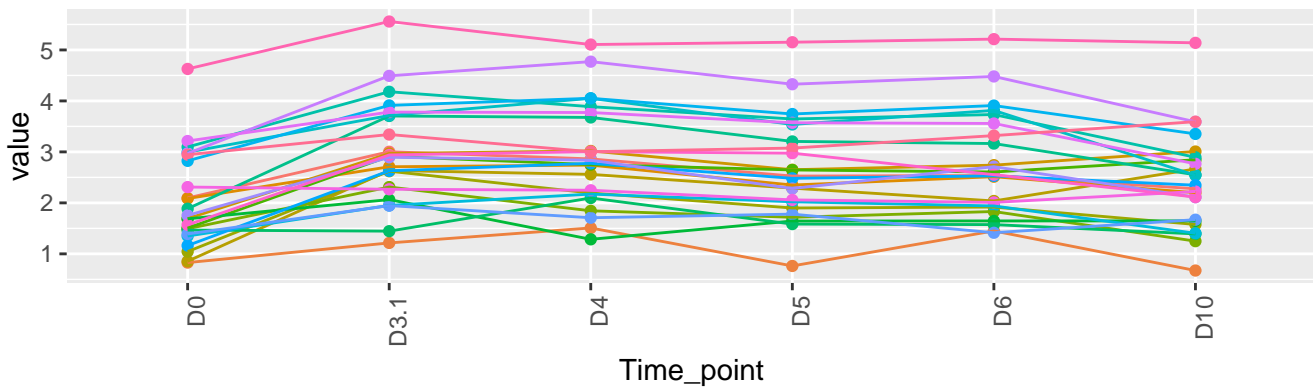
24 genes – WT-cluster-192-original



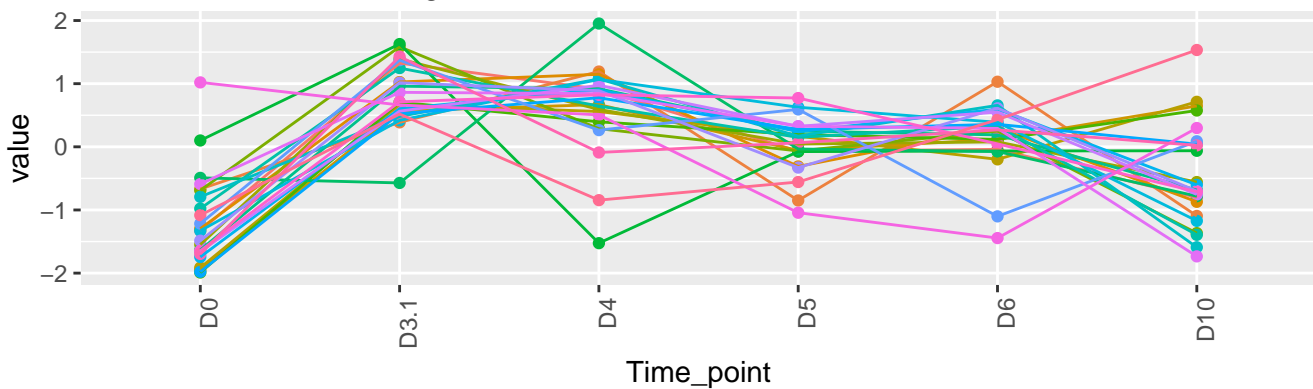
24 genes – WT-cluster-192-standardized



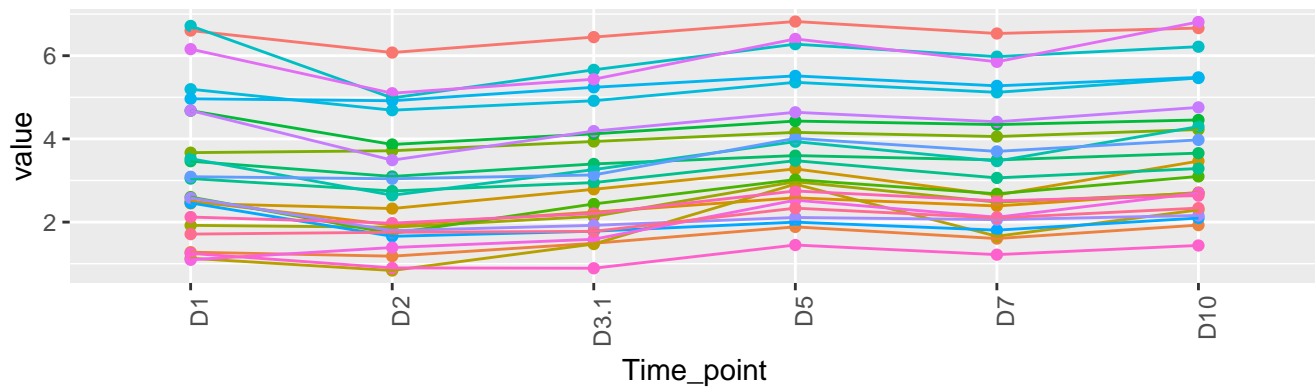
24 genes – KO-cluster-192-original



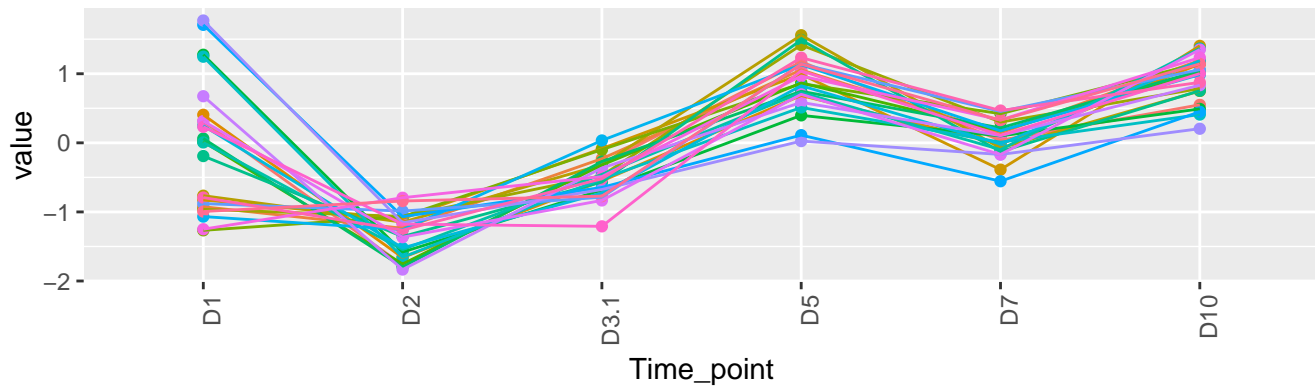
24 genes – KO-cluster-192-standardized



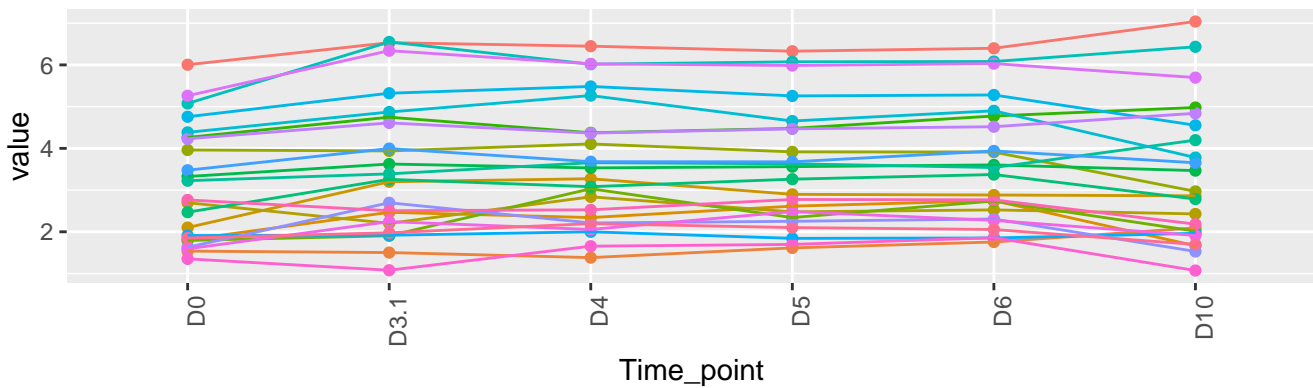
24 genes – WT-cluster-191-original



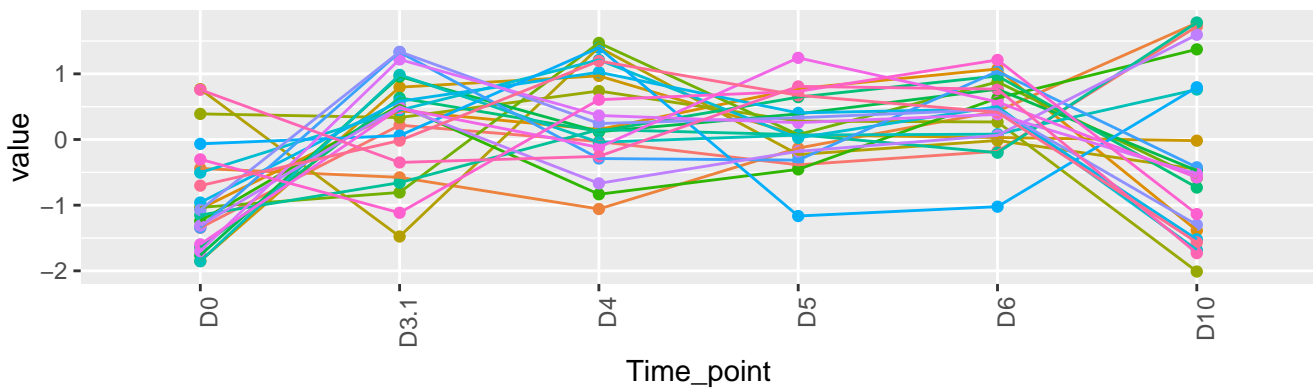
24 genes – WT-cluster-191-standardized



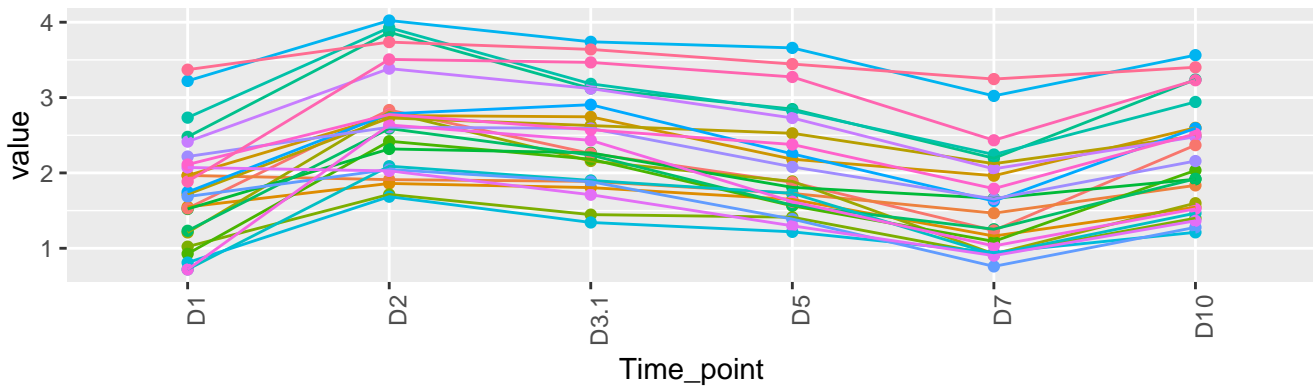
23 genes – KO-cluster-191-original



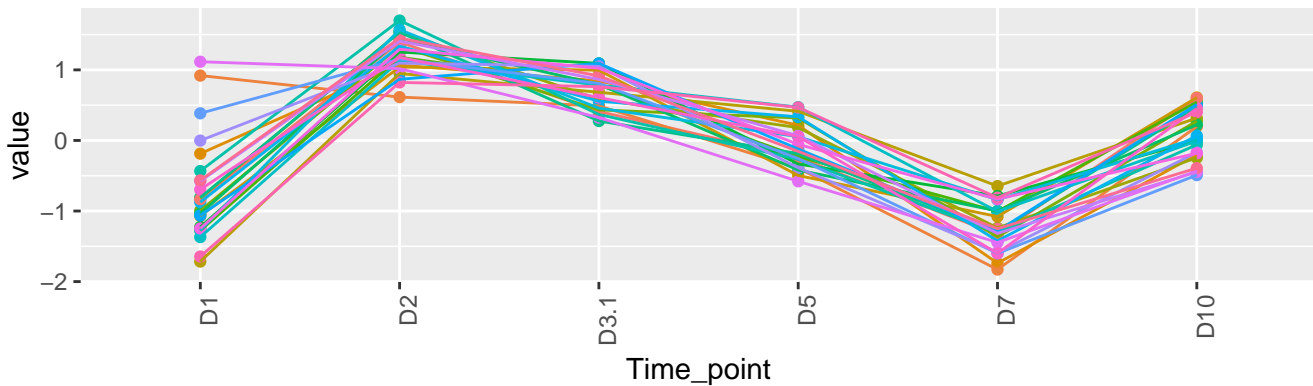
23 genes – KO-cluster-191-standardized



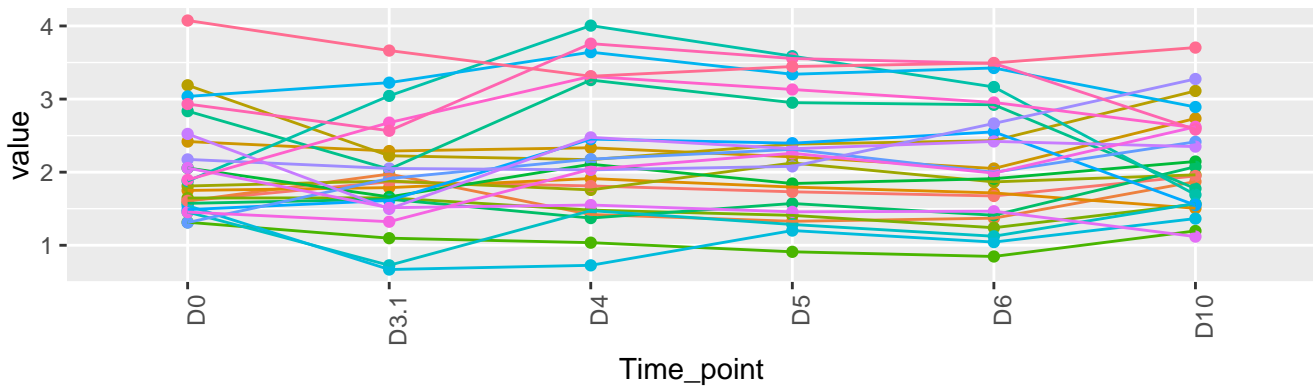
24 genes – WT-cluster-190-original



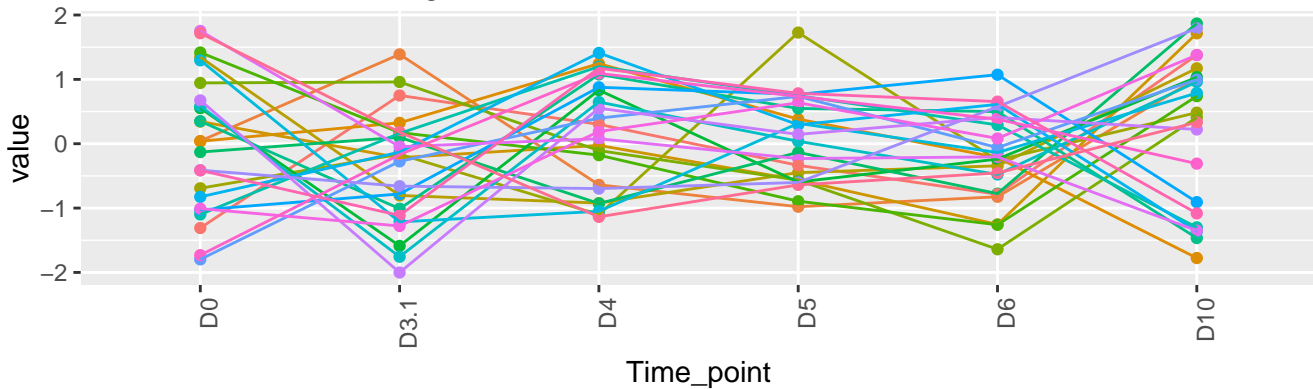
24 genes – WT-cluster-190-standardized



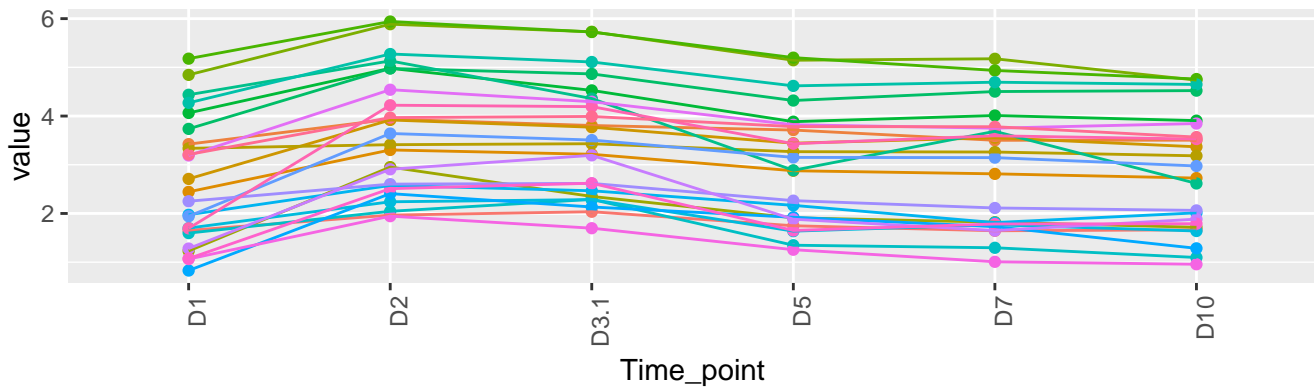
24 genes – KO-cluster-190-original



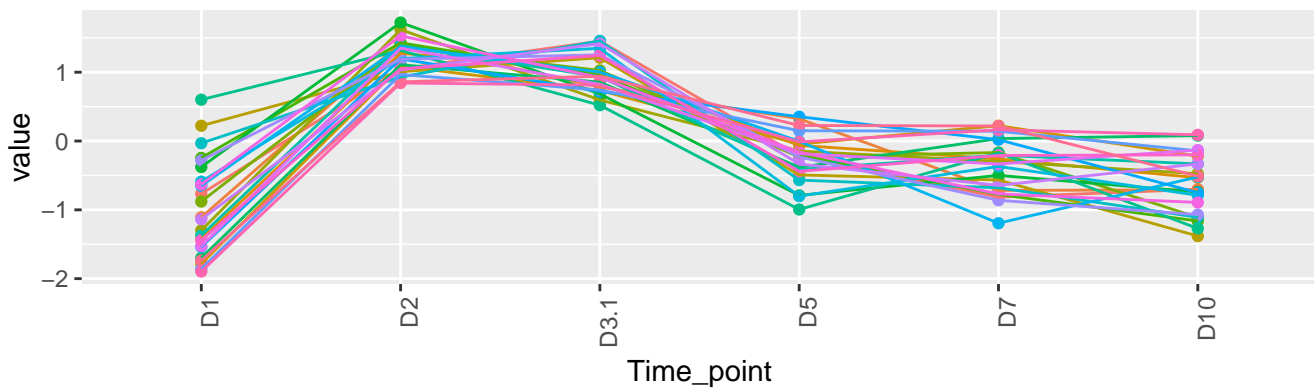
24 genes – KO-cluster-190-standardized



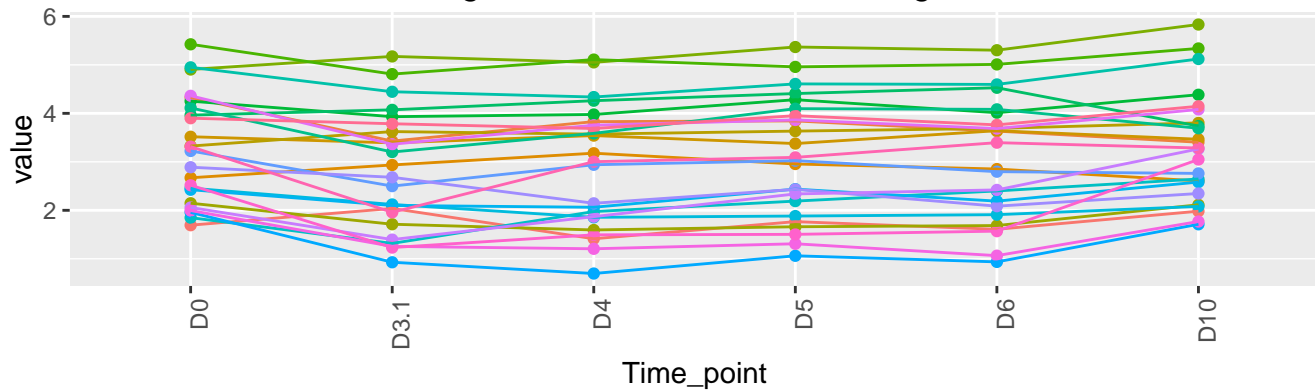
24 genes – WT-cluster-189-original



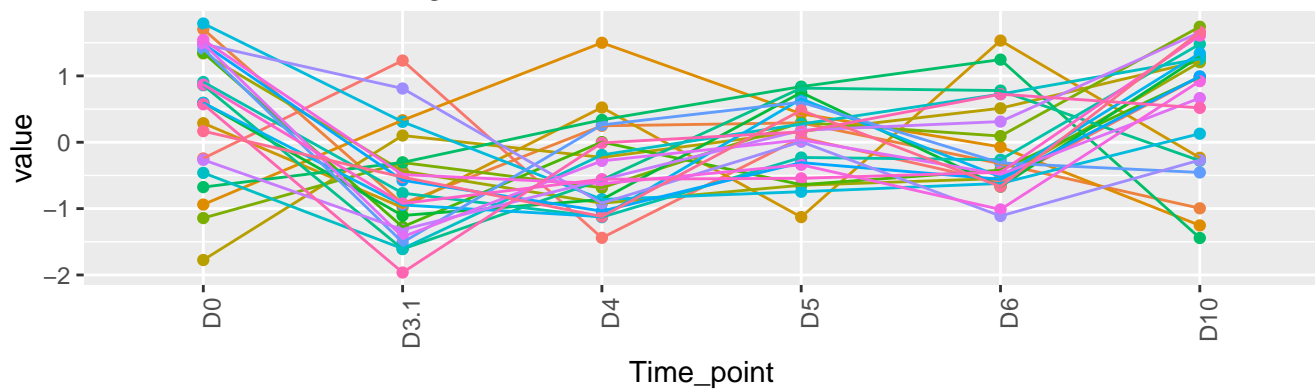
24 genes – WT-cluster-189-standardized



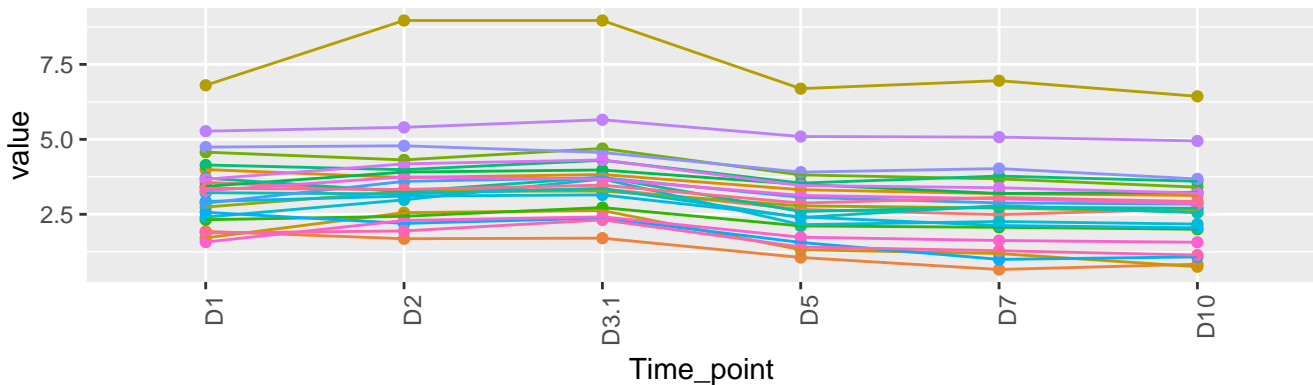
24 genes – KO-cluster-189-original



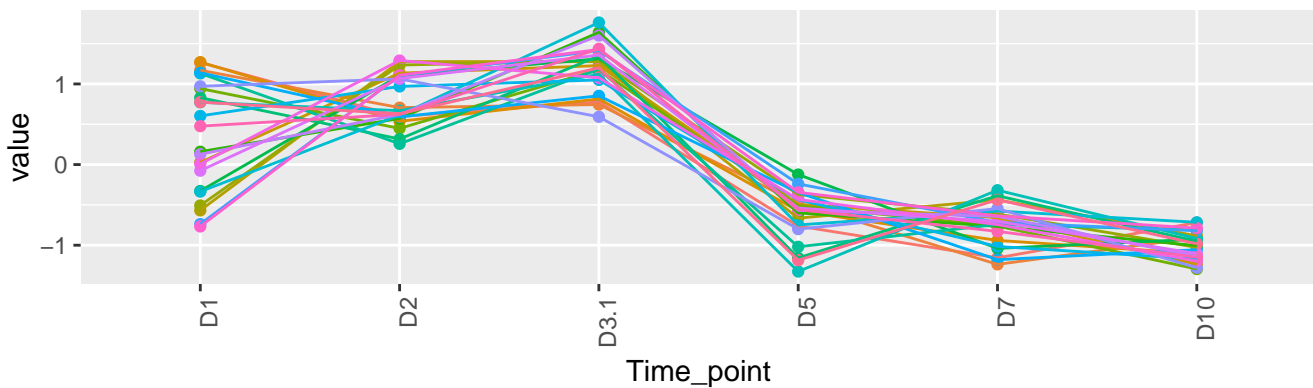
24 genes – KO-cluster-189-standardized



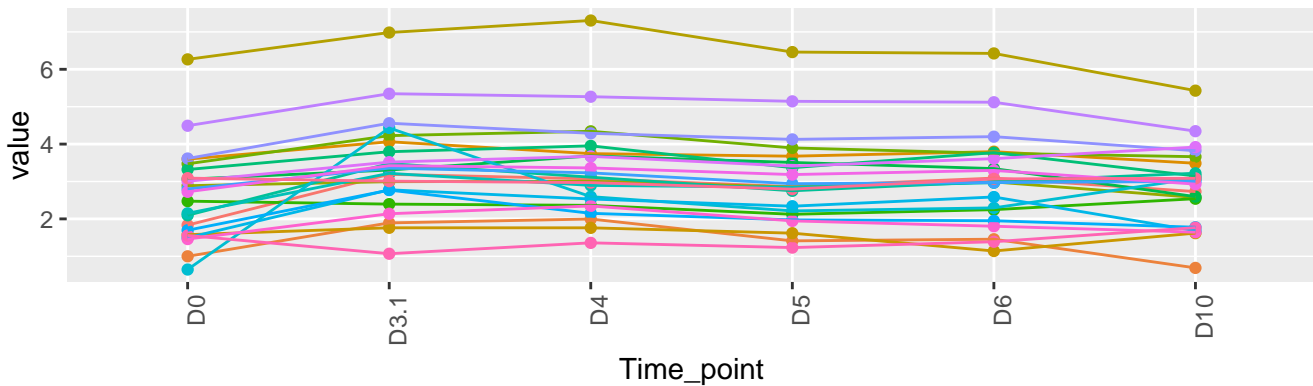
23 genes – WT-cluster-188-original



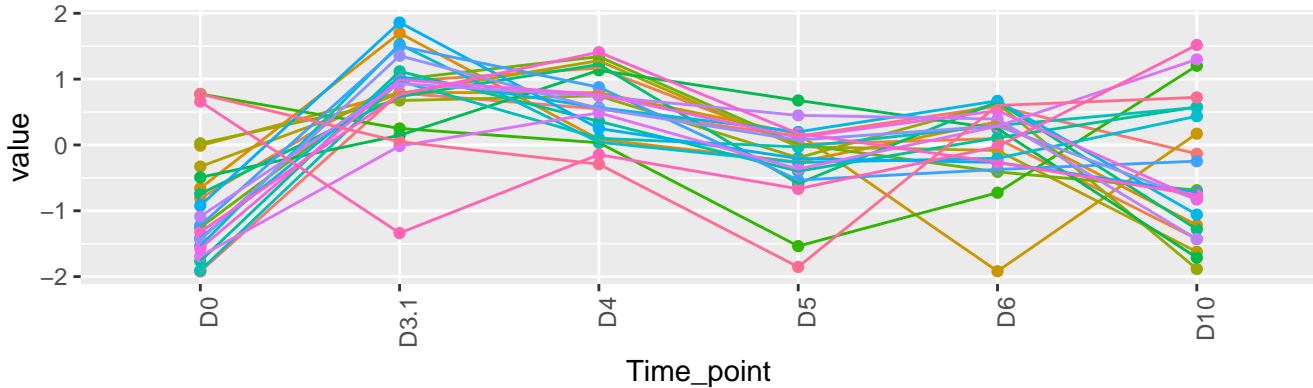
23 genes – WT-cluster-188-standardized



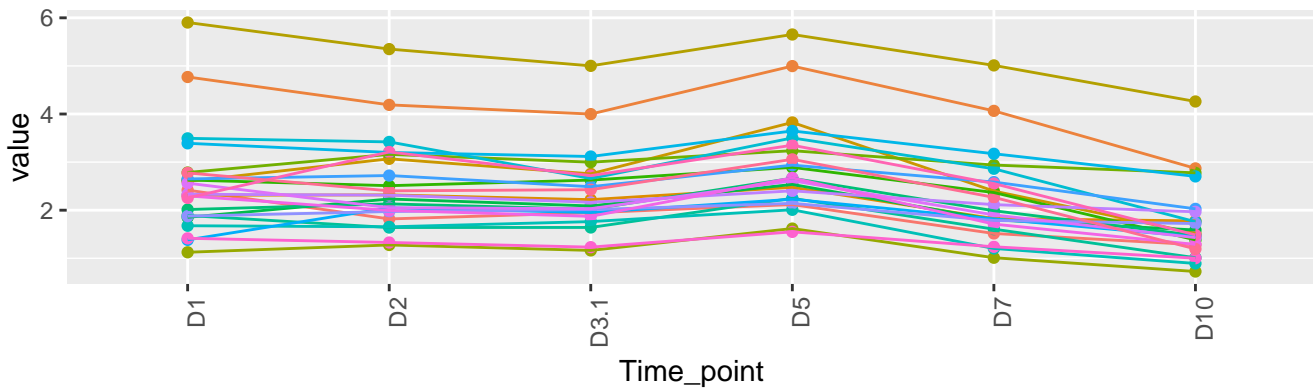
23 genes – KO-cluster-188-original



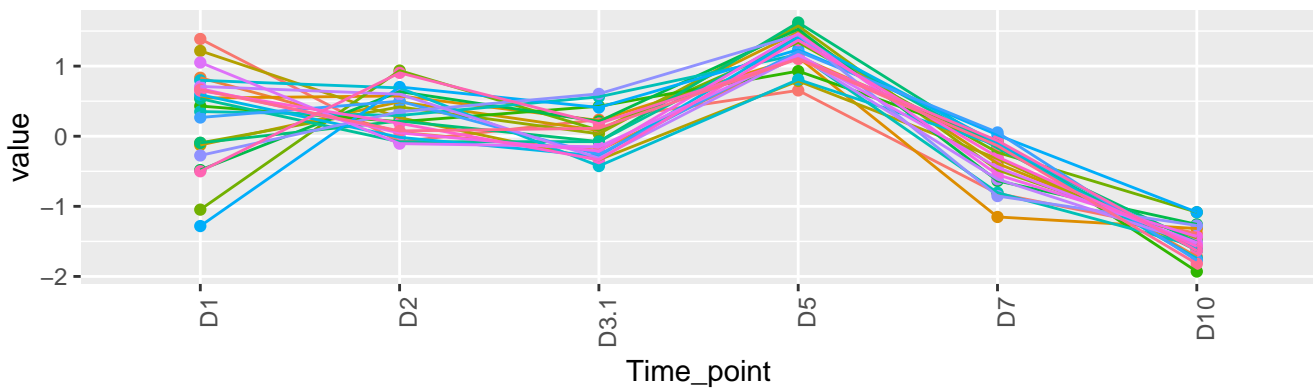
23 genes – KO-cluster-188-standardized



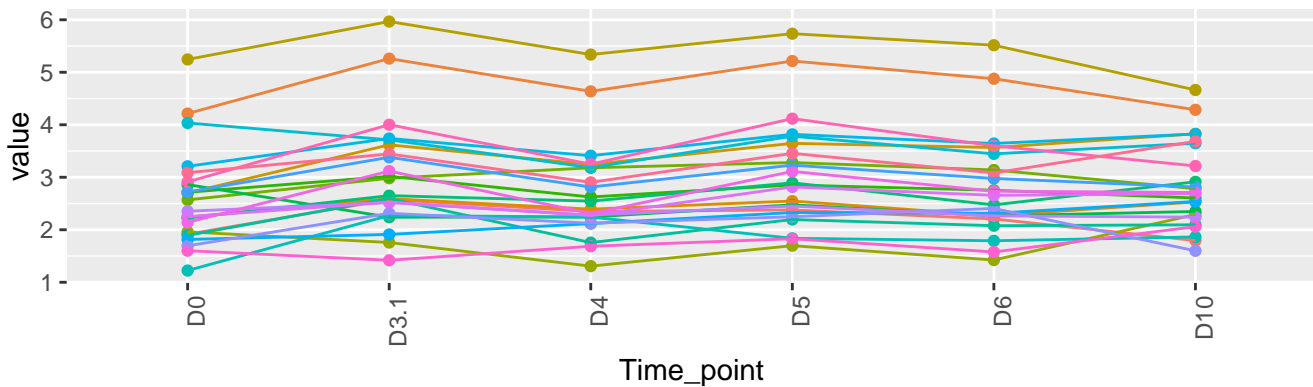
23 genes – WT-cluster-187-original



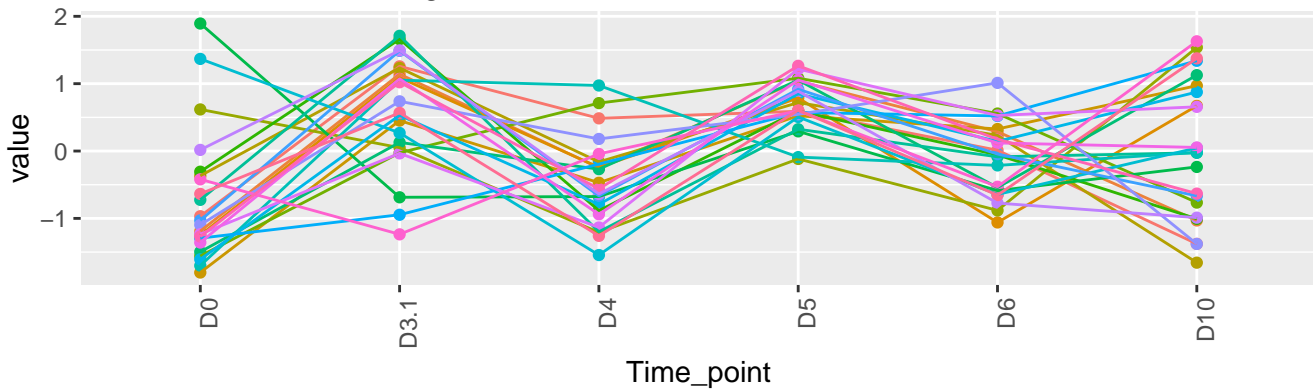
23 genes – WT-cluster-187-standardized



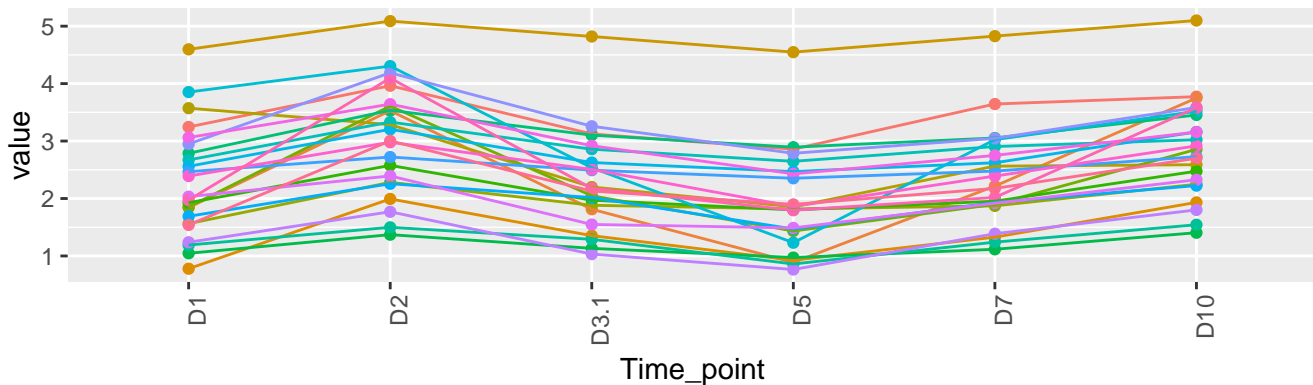
23 genes – KO-cluster-187-original



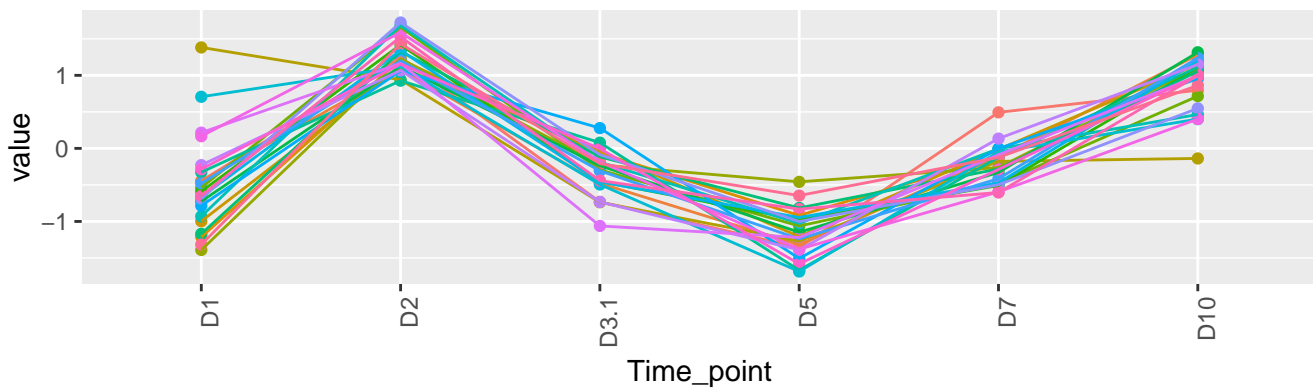
23 genes – KO-cluster-187-standardized



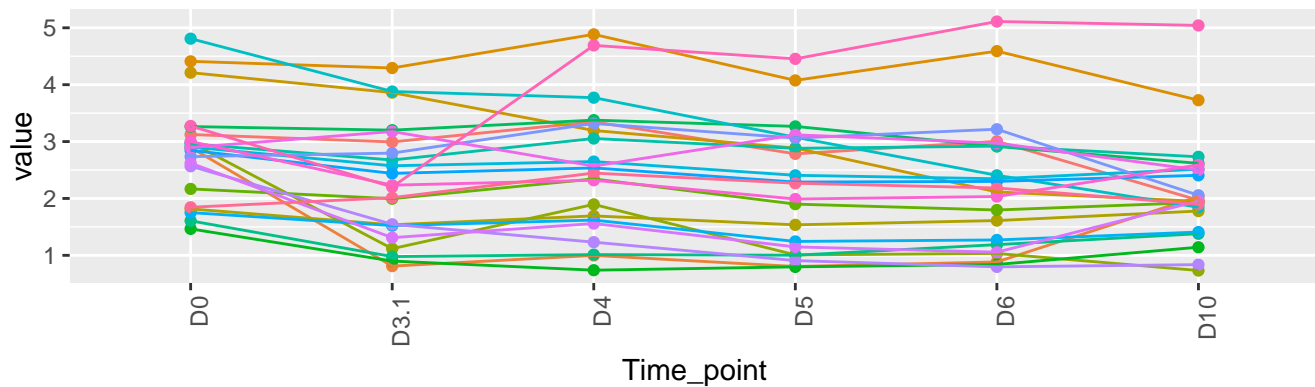
23 genes – WT-cluster-186-original



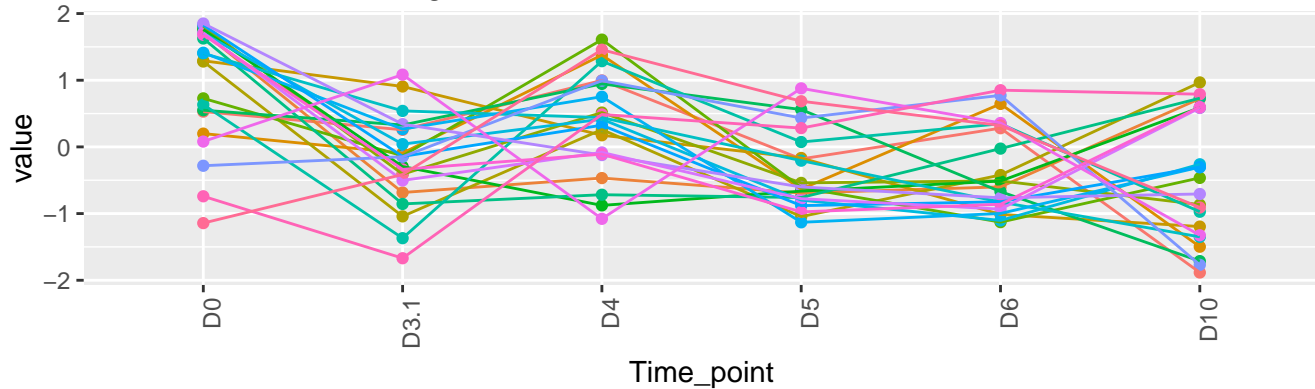
23 genes – WT-cluster-186-standardized



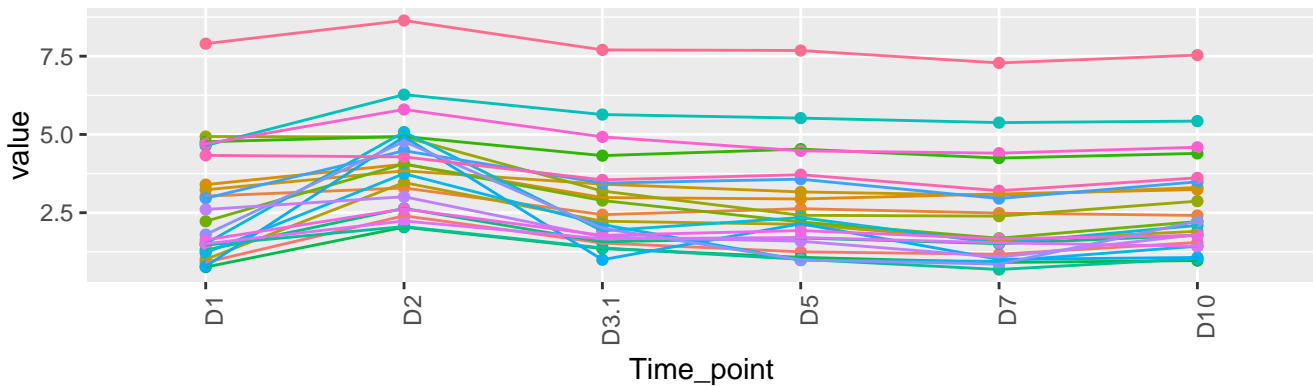
22 genes – KO-cluster-186-original



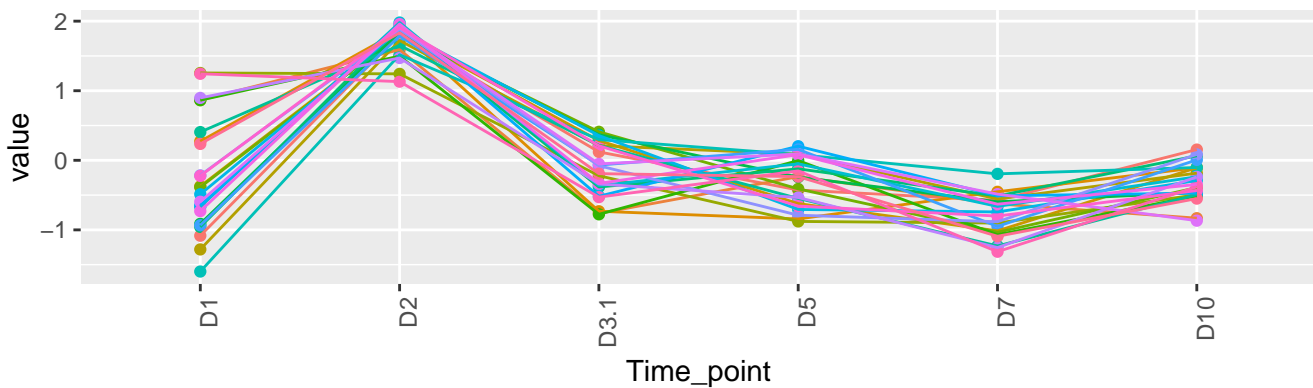
22 genes – KO-cluster-186-standardized



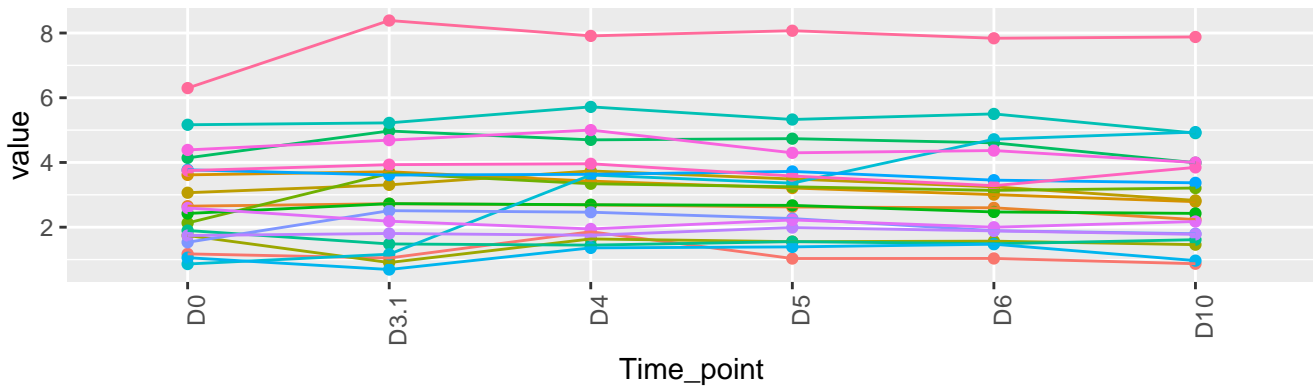
23 genes – WT-cluster-185-original



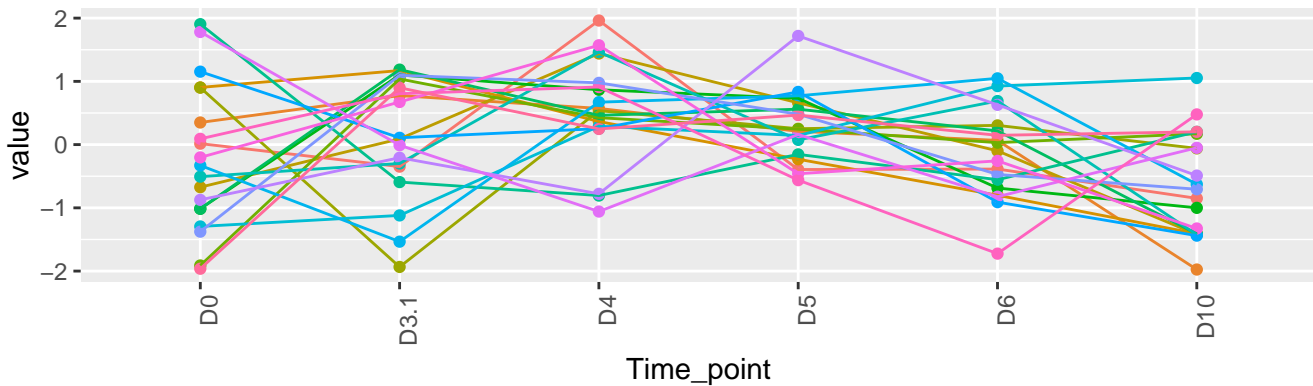
23 genes – WT-cluster-185-standardized



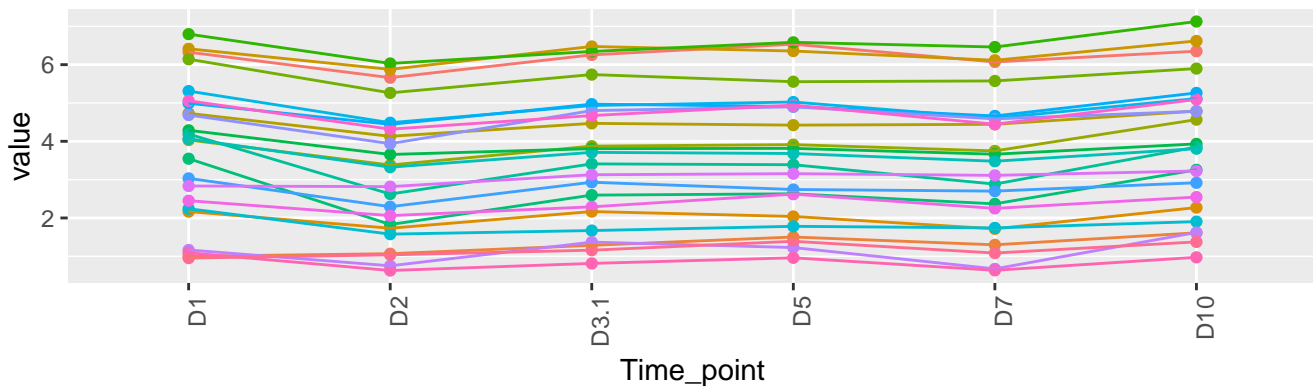
19 genes – KO-cluster-185-original



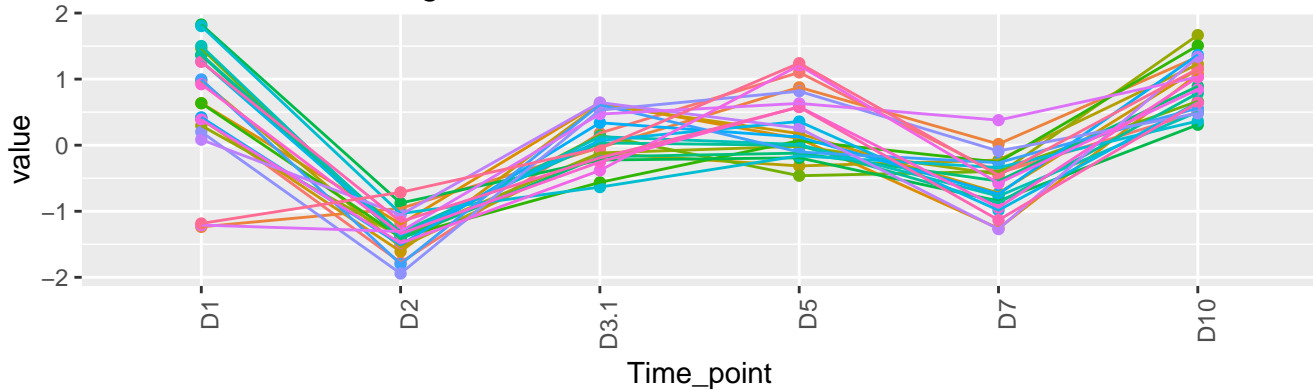
19 genes – KO-cluster-185-standardized



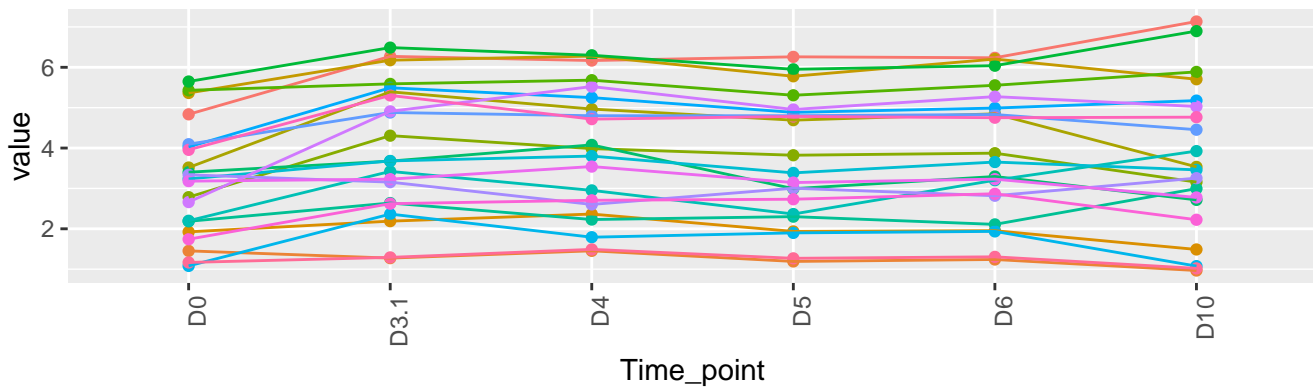
23 genes – WT-cluster-184-original



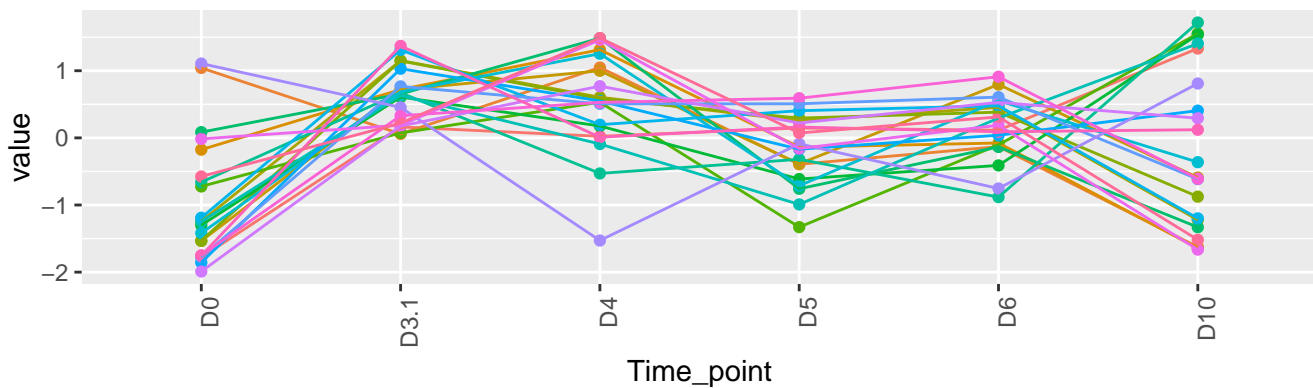
23 genes – WT-cluster-184-standardized



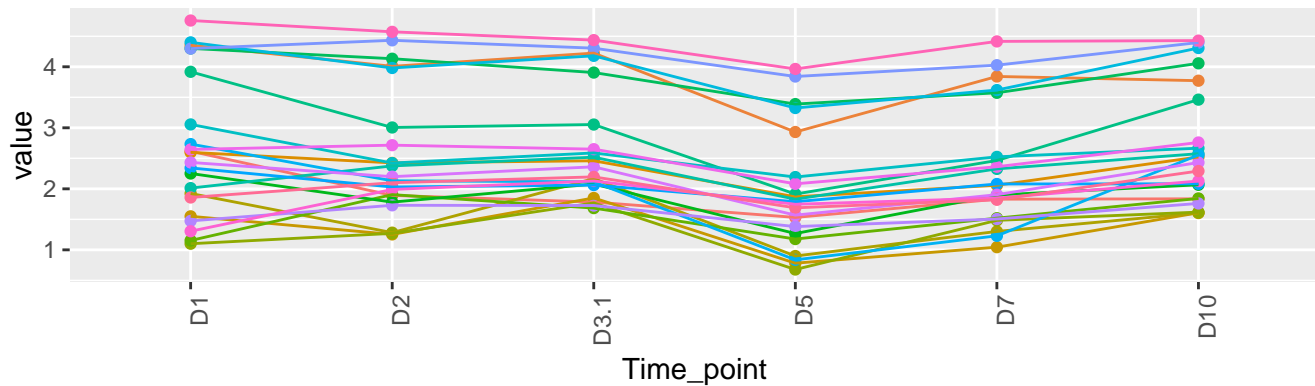
21 genes – KO-cluster-184-original



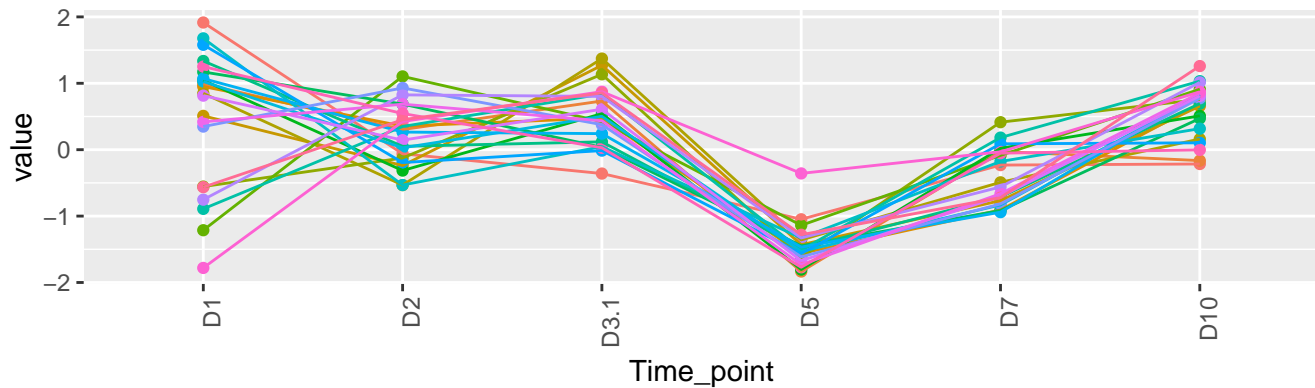
21 genes – KO-cluster-184-standardized



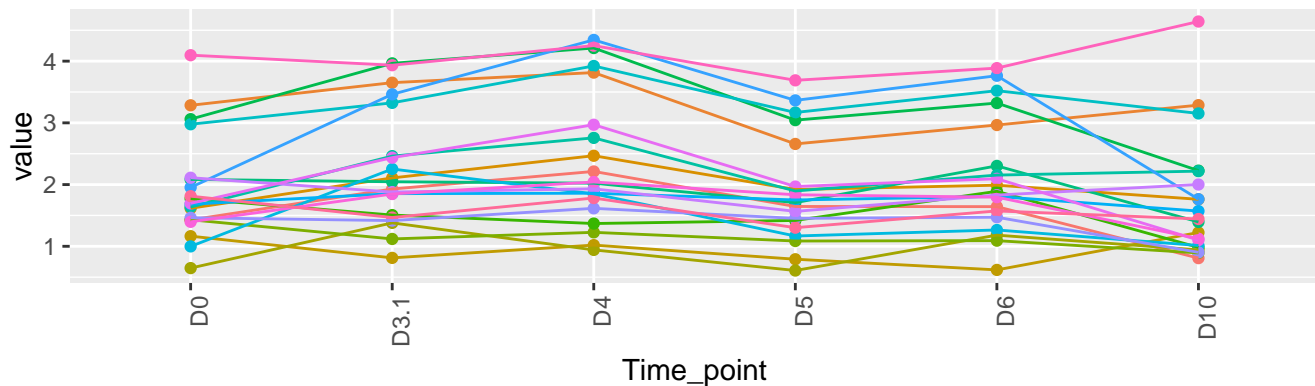
22 genes – WT-cluster-183-original



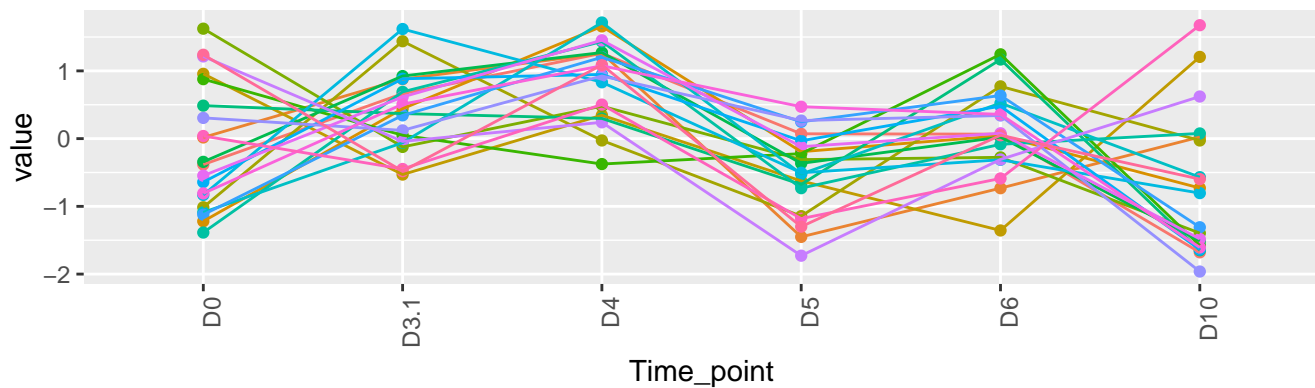
22 genes – WT-cluster-183-standardized



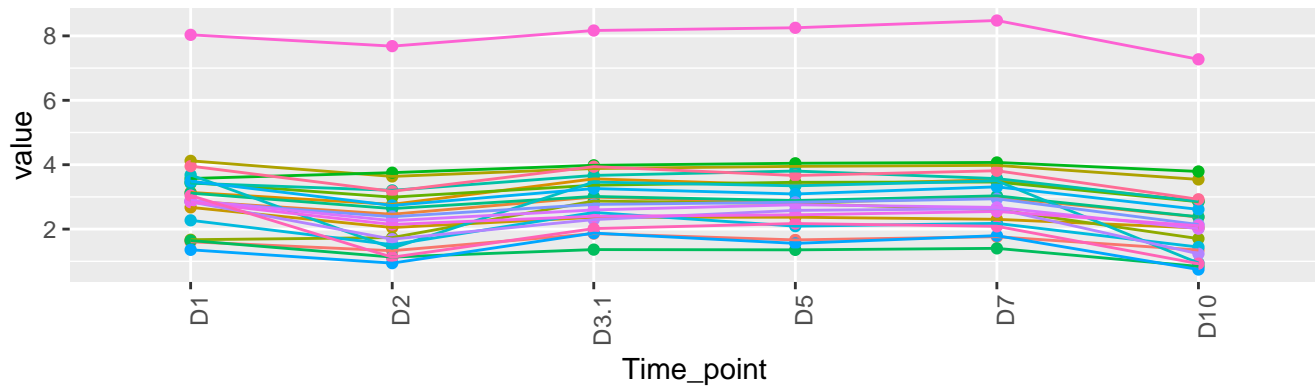
20 genes – KO-cluster-183-original



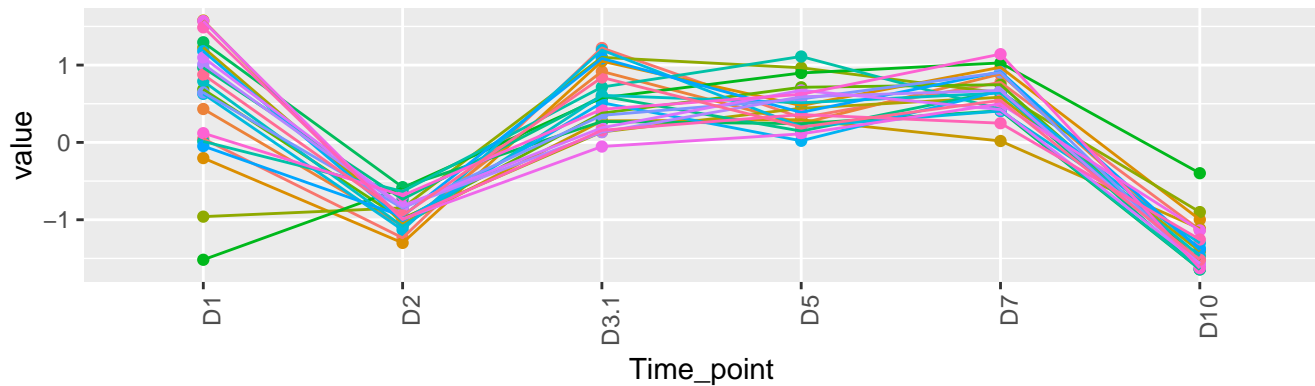
20 genes – KO-cluster-183-standardized



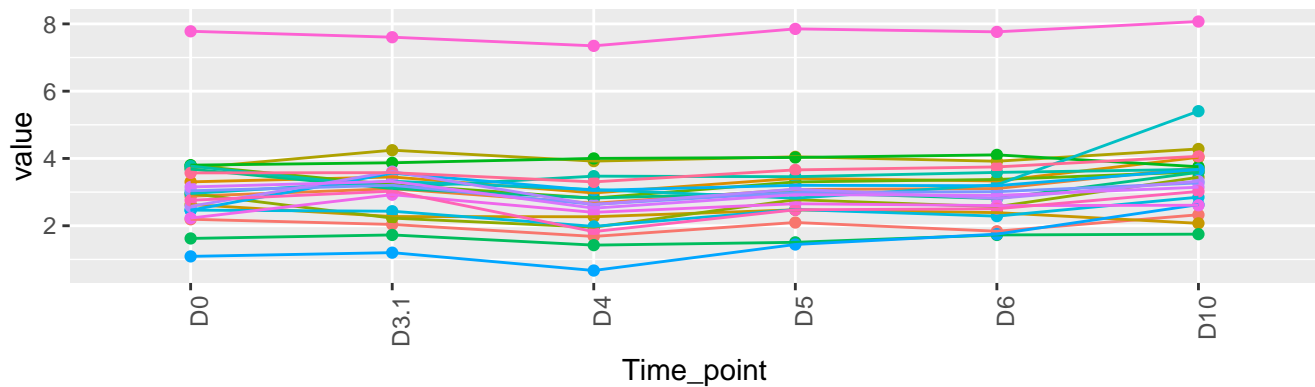
22 genes – WT-cluster-182-original



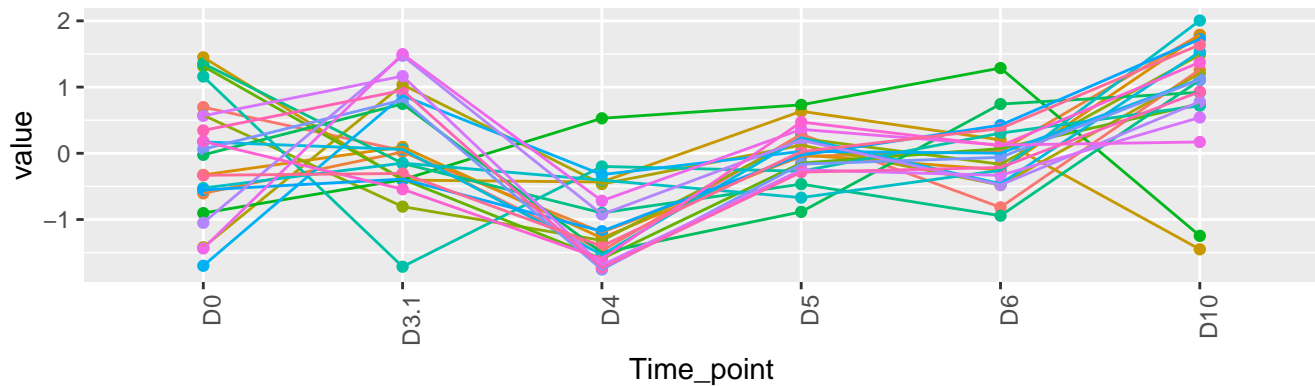
22 genes – WT-cluster-182-standardized



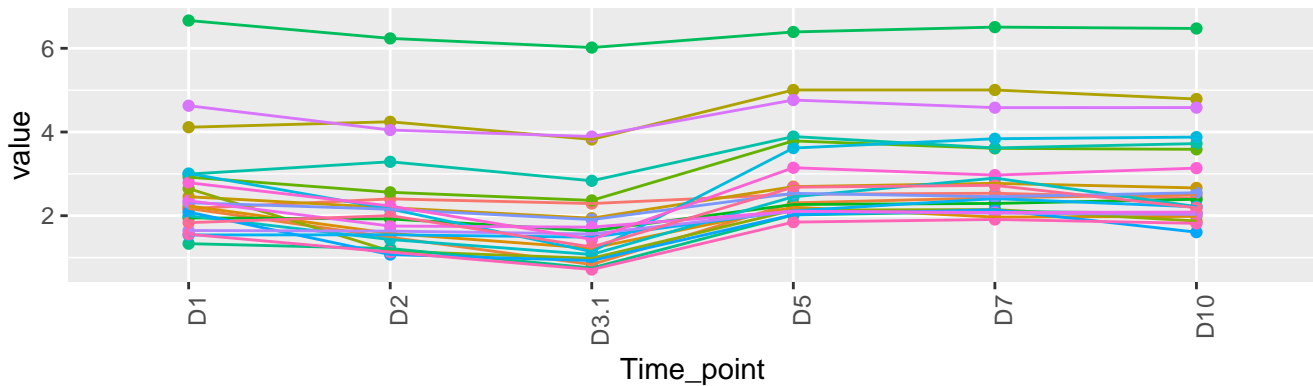
22 genes – KO-cluster-182-original



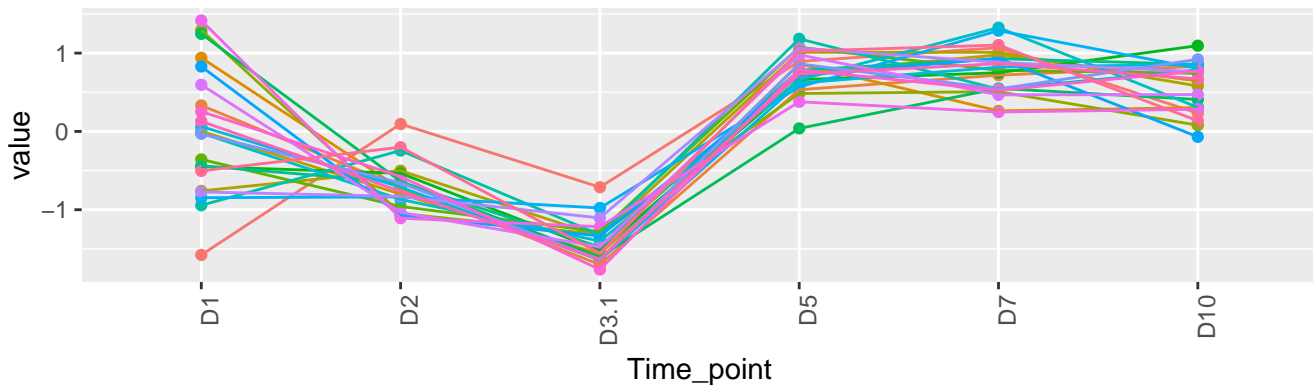
22 genes – KO-cluster-182-standardized



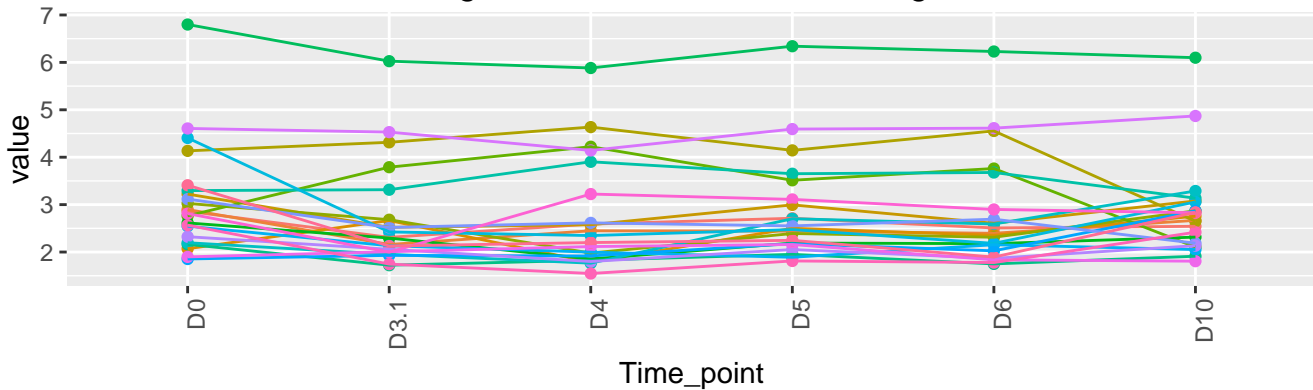
22 genes – WT-cluster-181-original



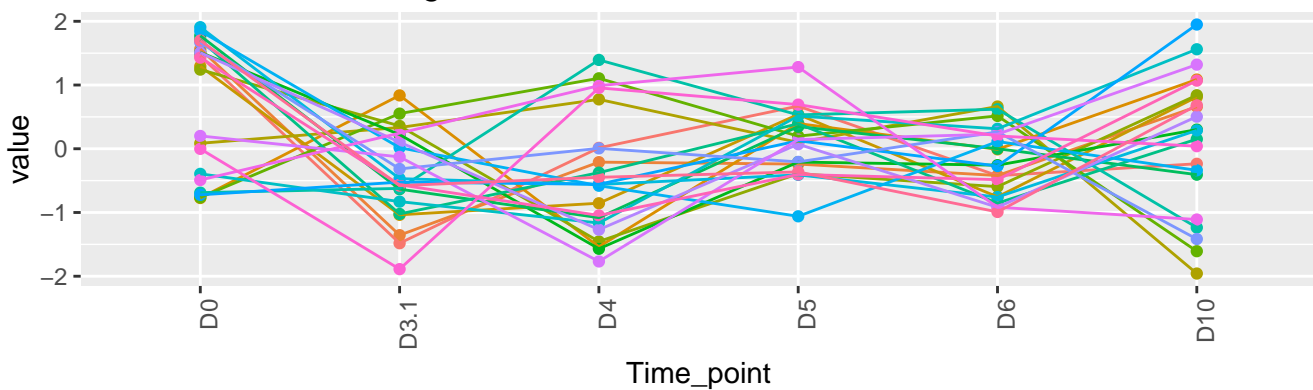
22 genes – WT-cluster-181-standardized



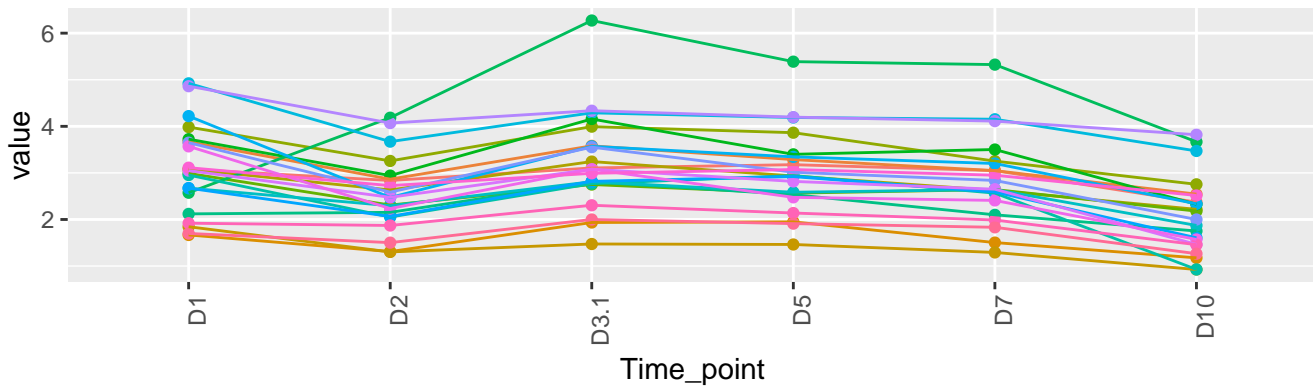
22 genes – KO-cluster-181-original



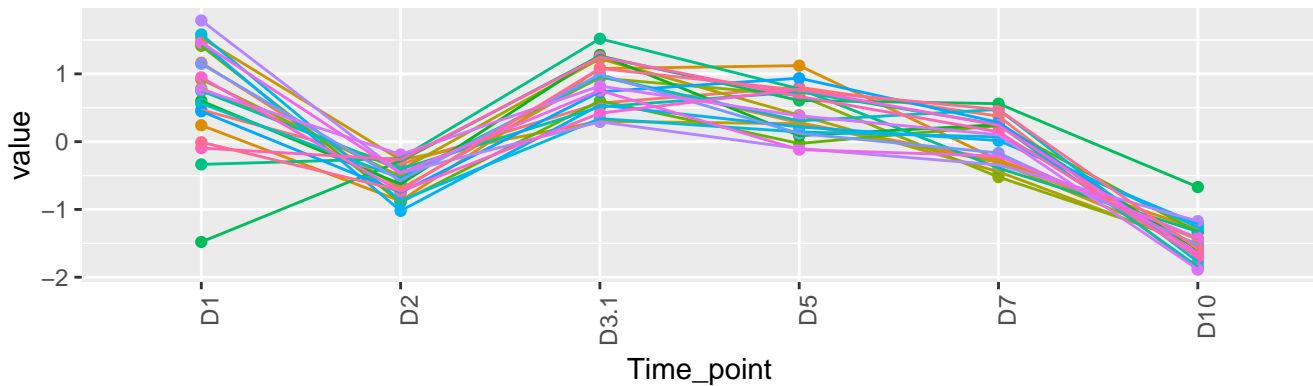
22 genes – KO-cluster-181-standardized



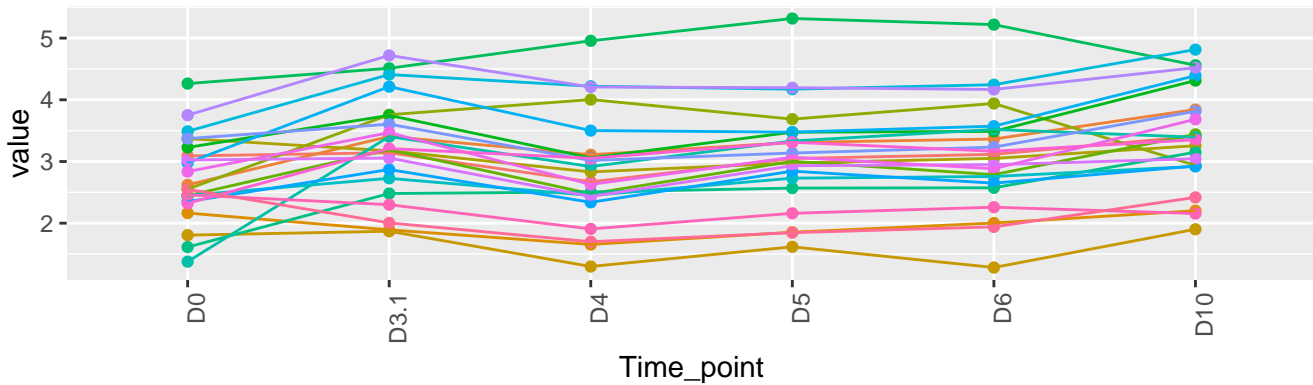
22 genes – WT-cluster-180-original



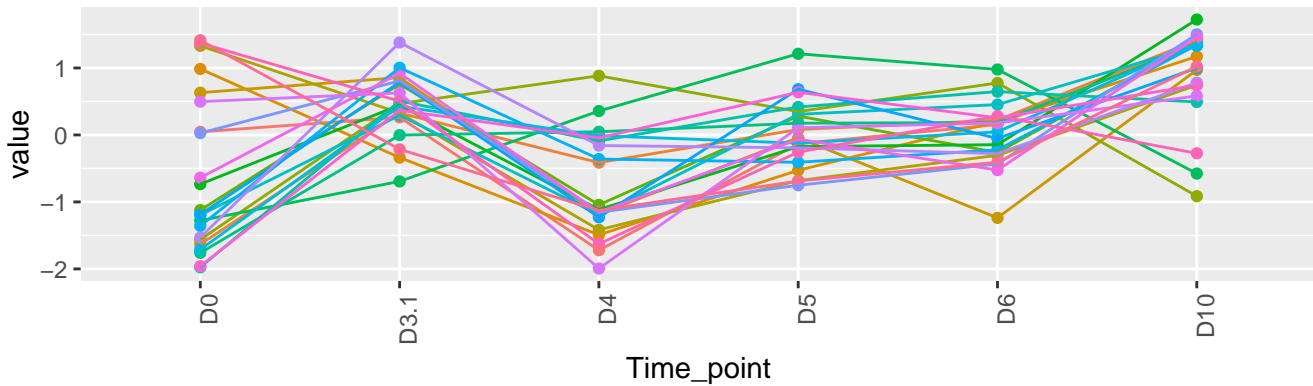
22 genes – WT-cluster-180-standardized



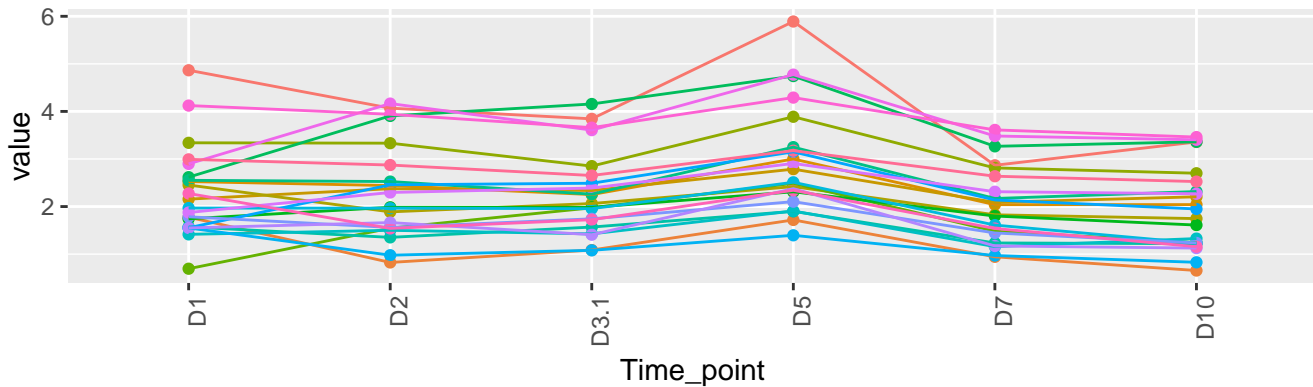
22 genes – KO-cluster-180-original



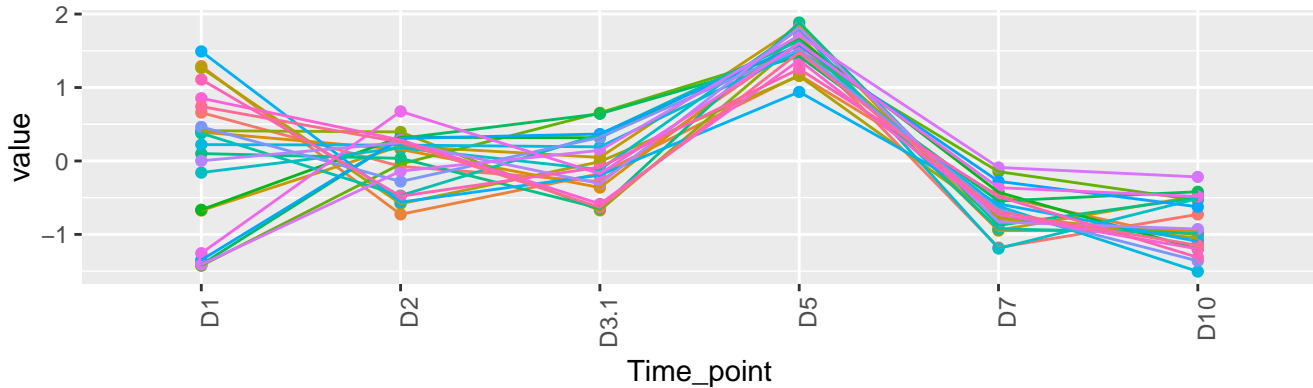
22 genes – KO-cluster-180-standardized



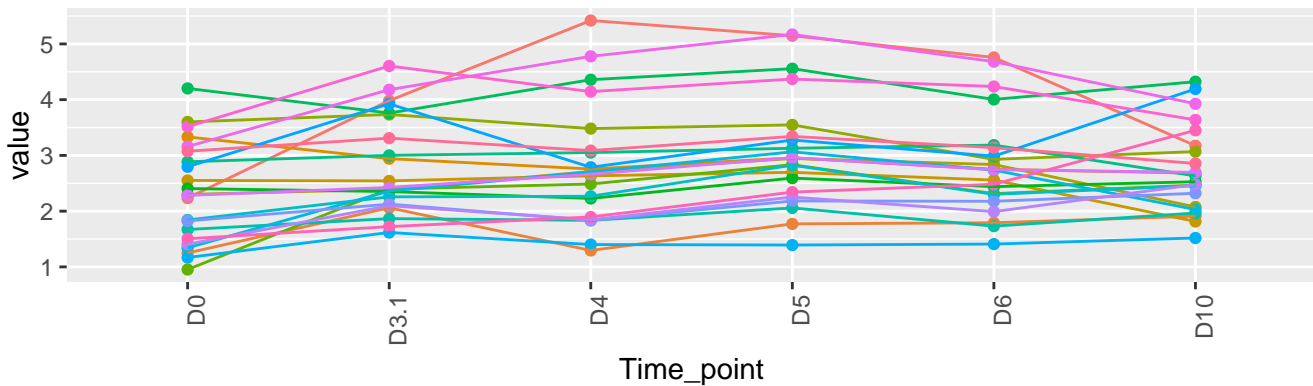
22 genes – WT-cluster-179-original



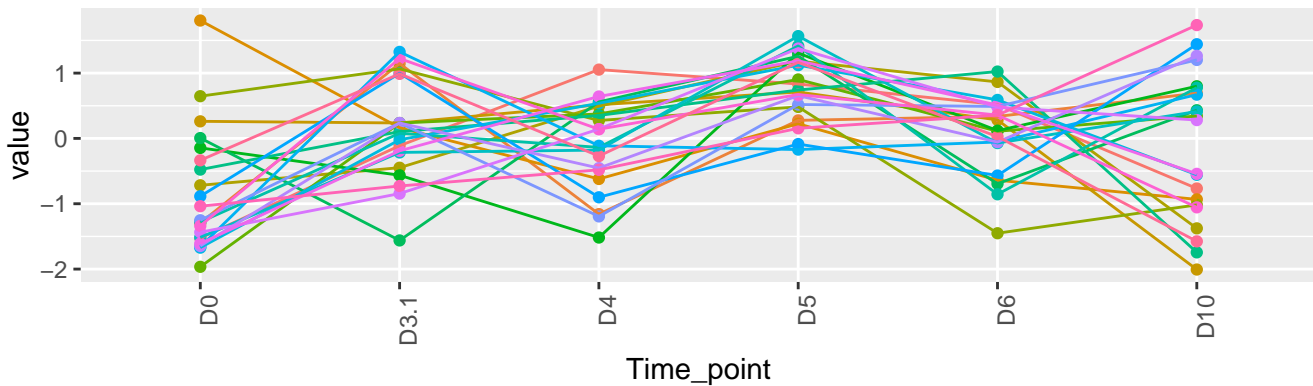
22 genes – WT-cluster-179-standardized



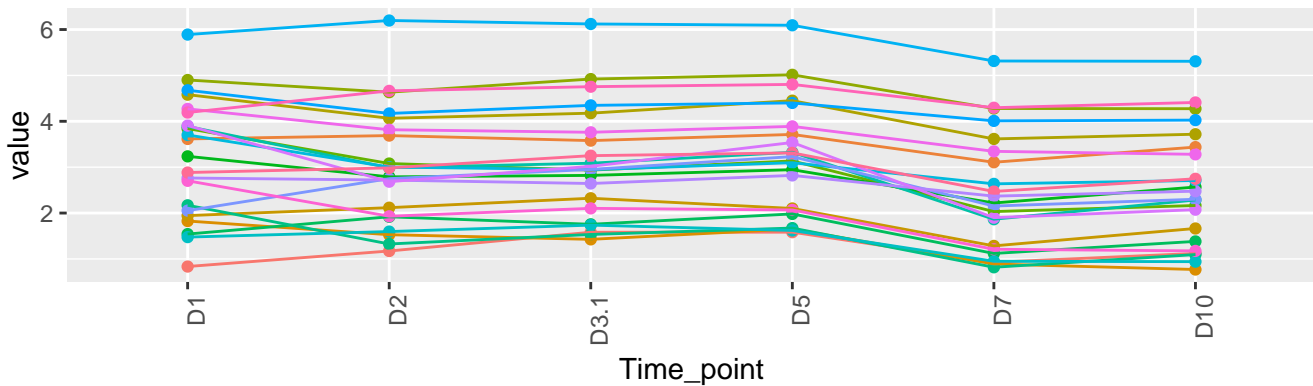
22 genes – KO-cluster-179-original



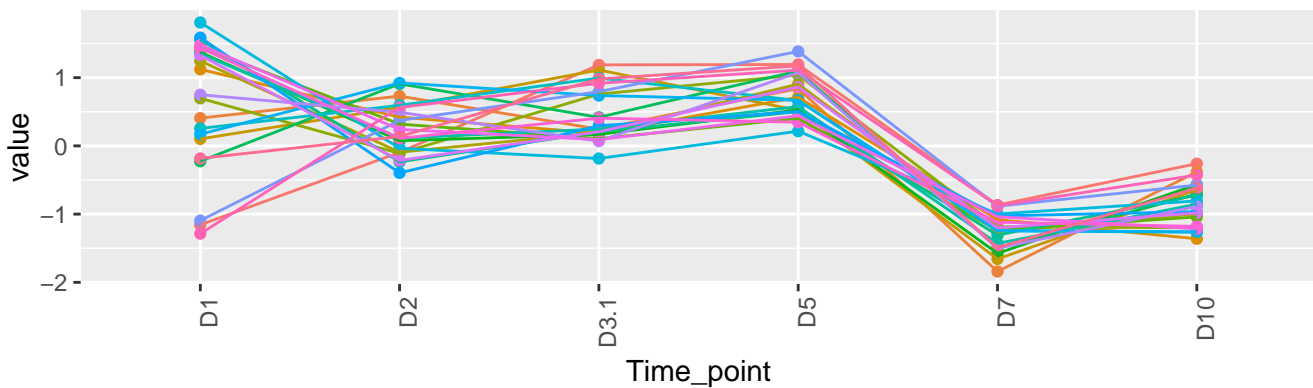
22 genes – KO-cluster-179-standardized



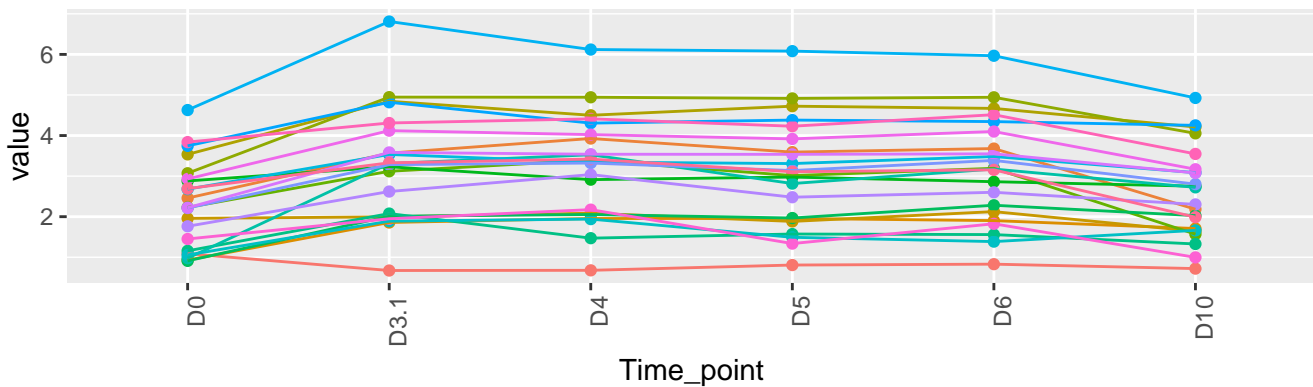
22 genes – WT-cluster-178-original



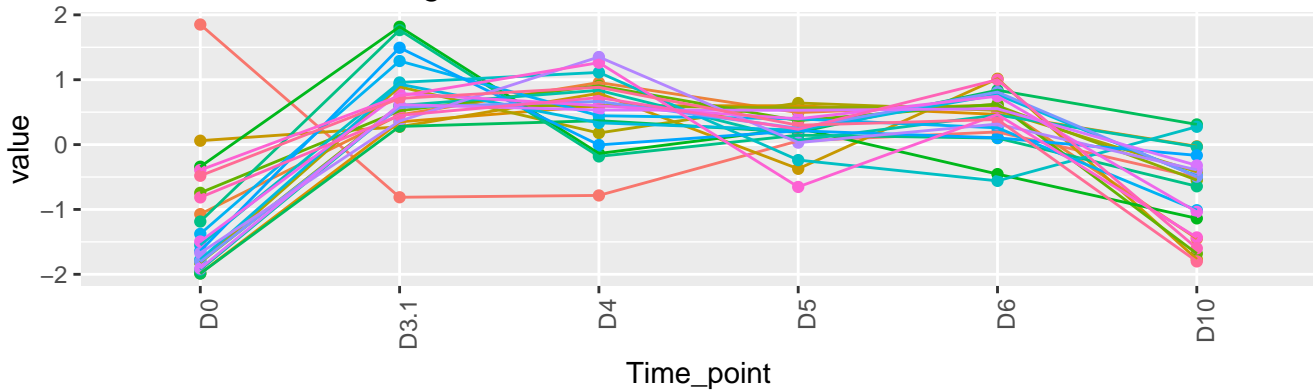
22 genes – WT-cluster-178-standardized



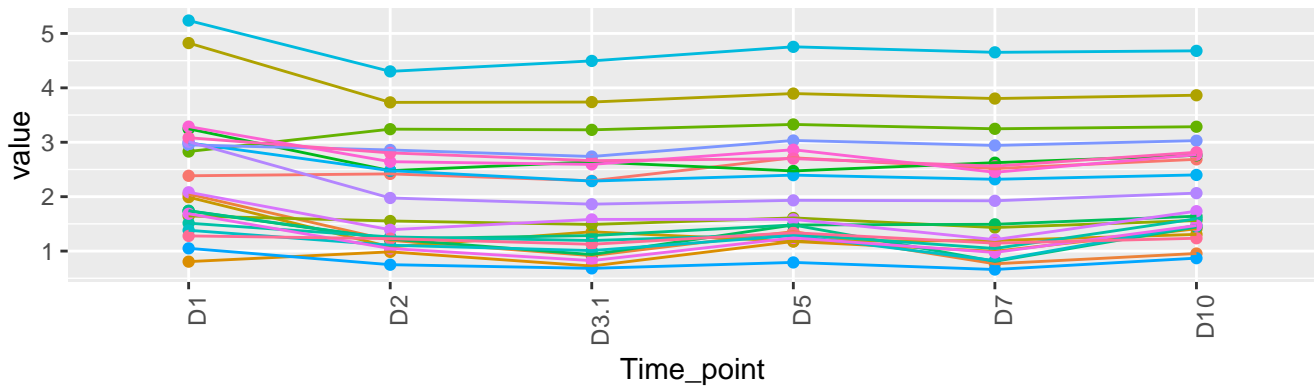
22 genes – KO-cluster-178-original



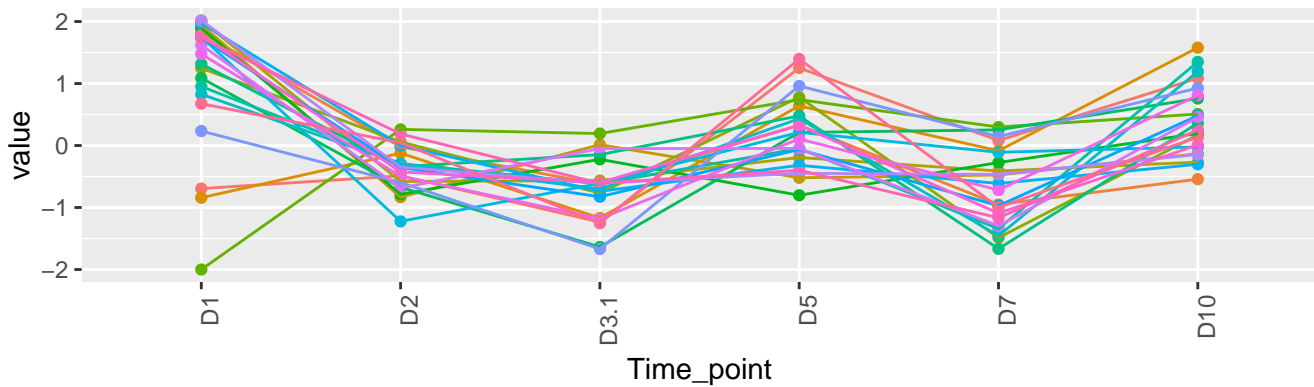
22 genes – KO-cluster-178-standardized



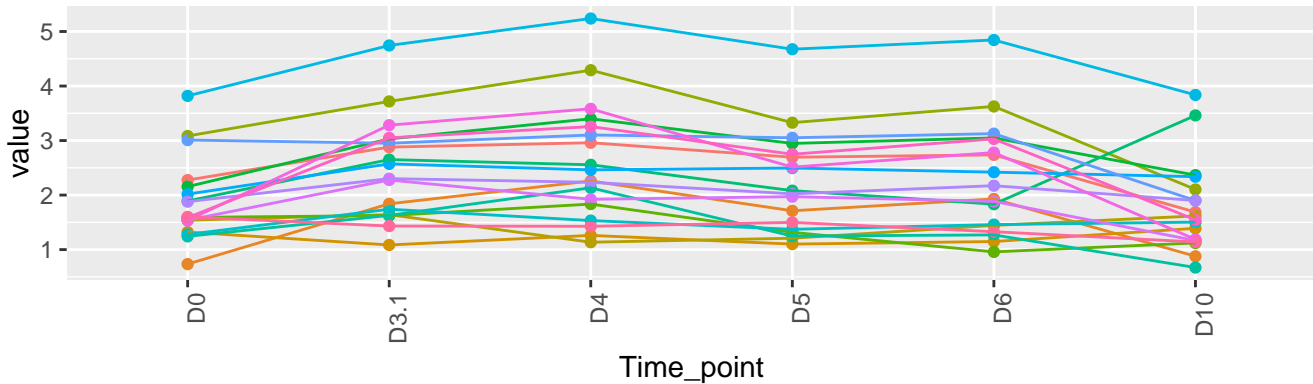
22 genes – WT-cluster-177-original



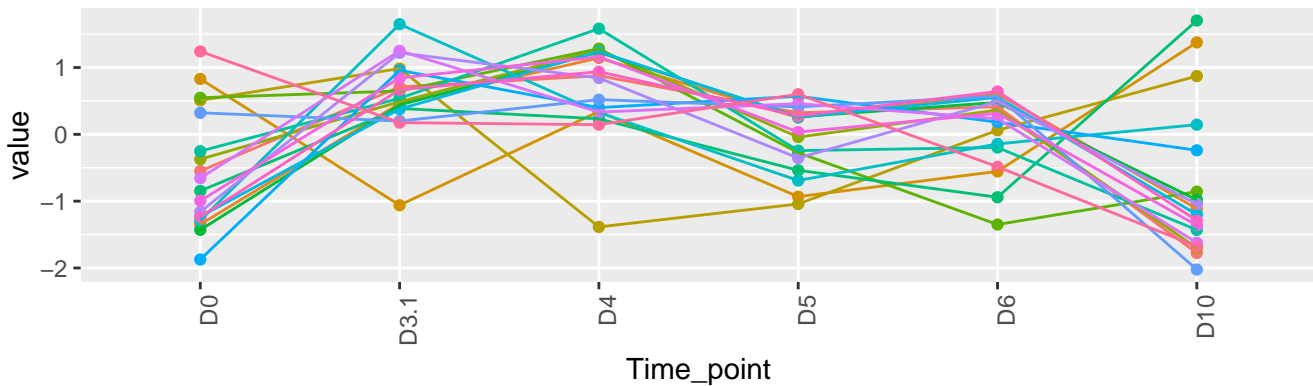
22 genes – WT-cluster-177-standardized



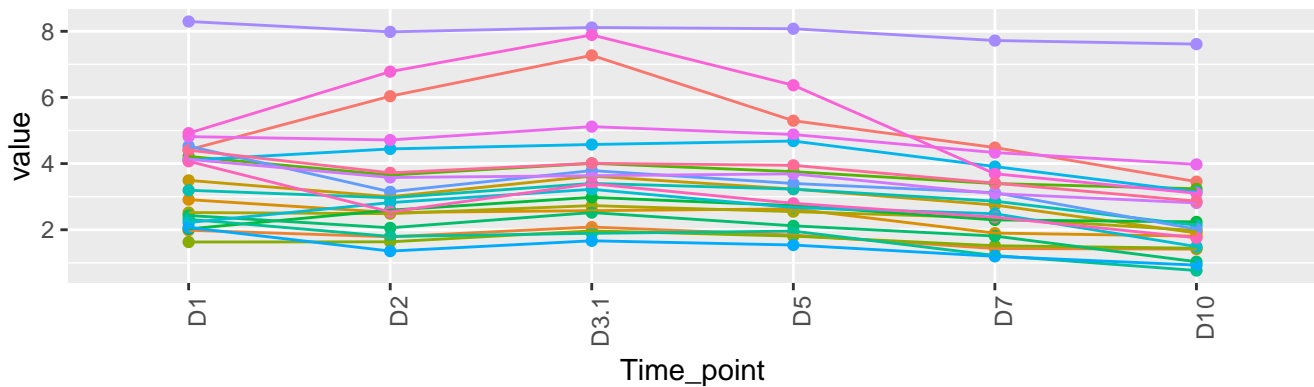
18 genes – KO-cluster-177-original



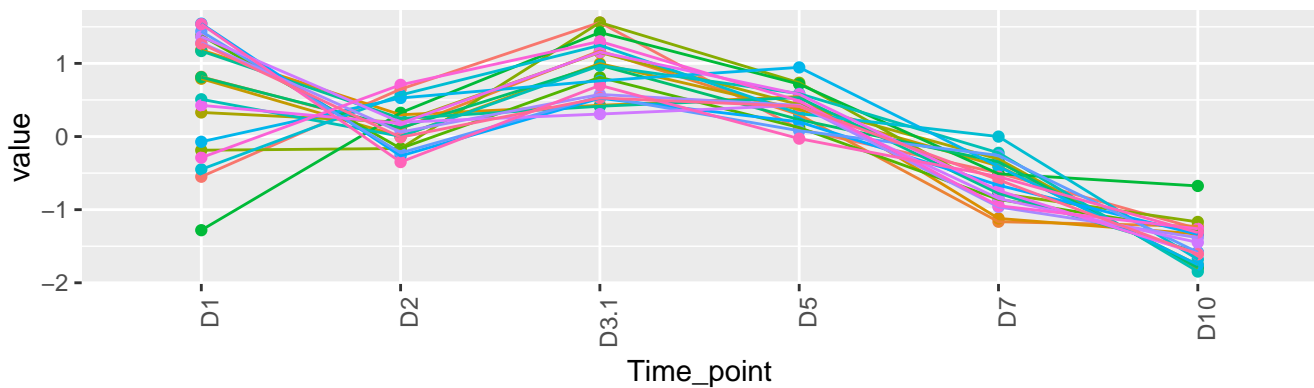
18 genes – KO-cluster-177-standardized



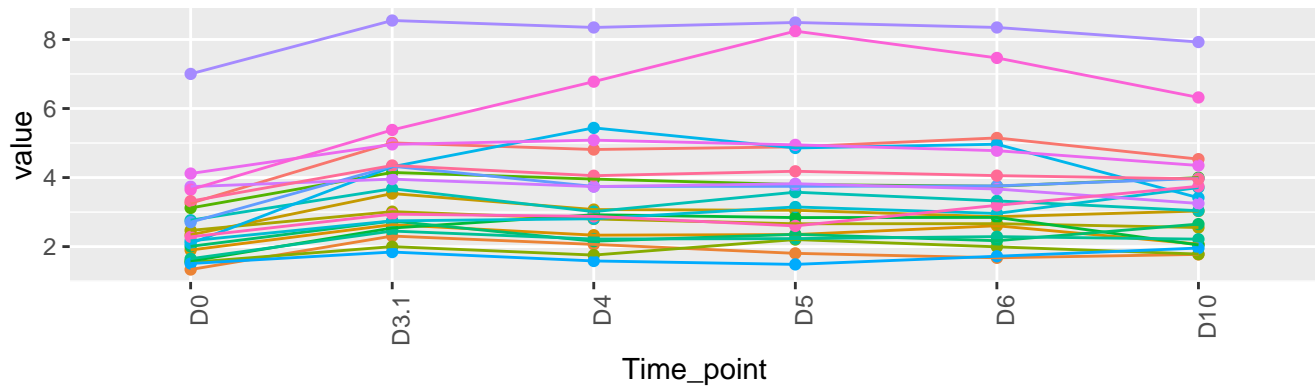
21 genes – WT-cluster-176-original



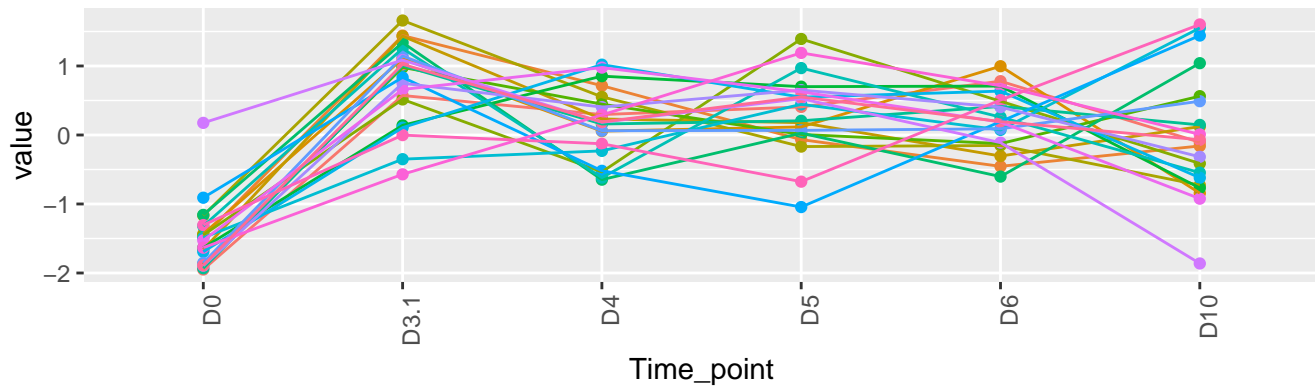
21 genes – WT-cluster-176-standardized



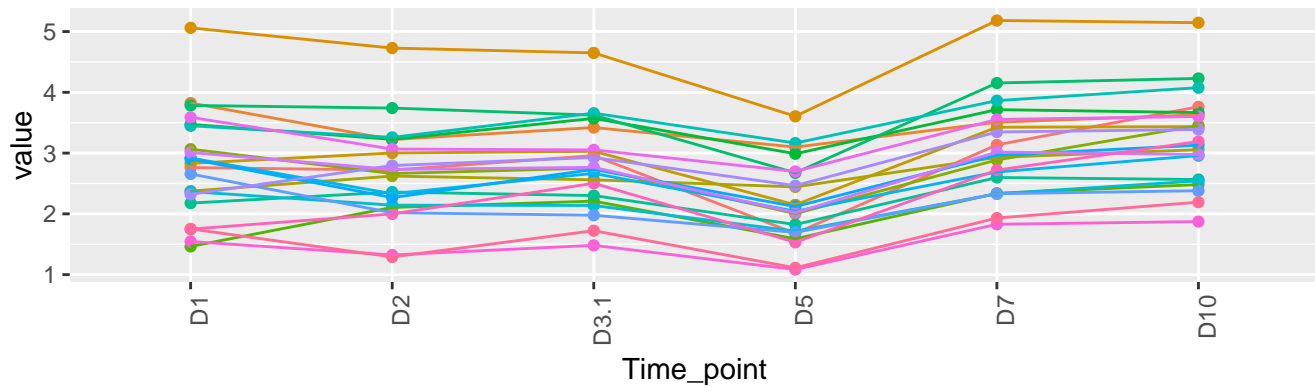
21 genes – KO-cluster-176-original



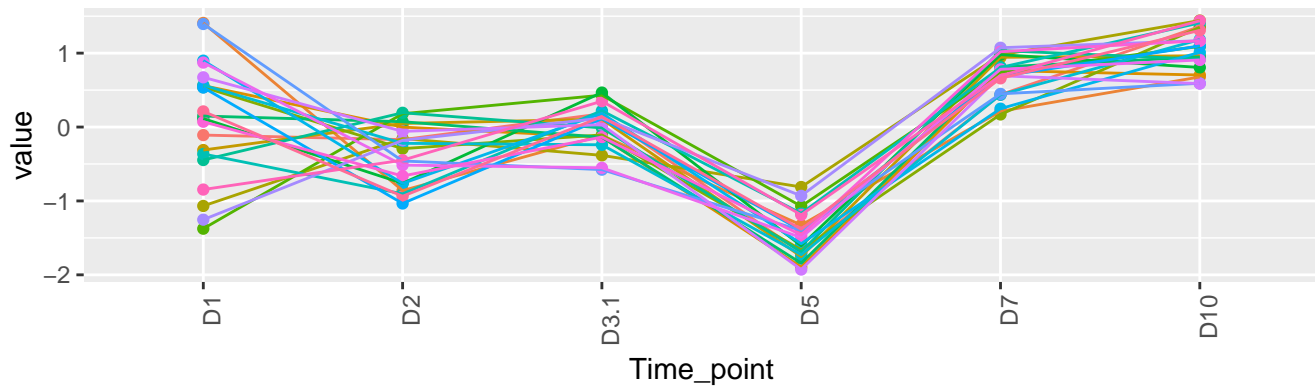
21 genes – KO-cluster-176-standardized



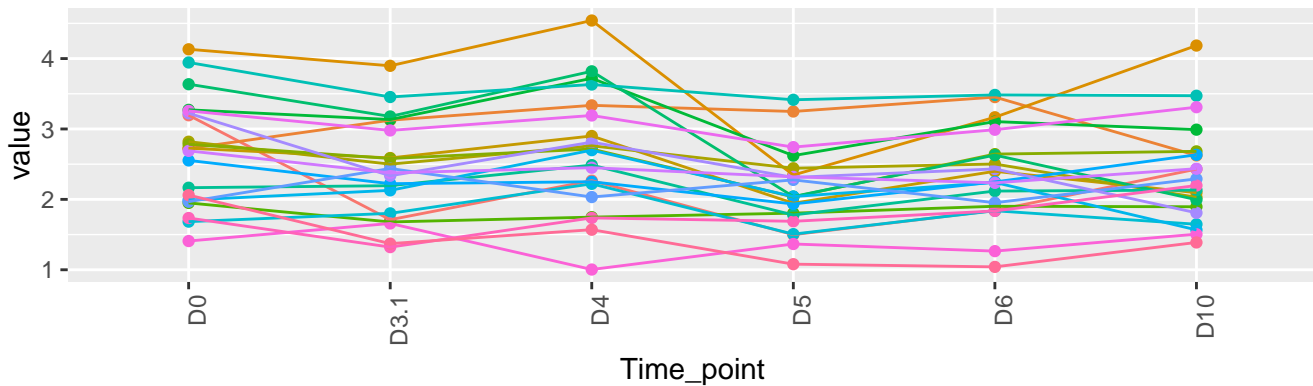
21 genes – WT-cluster-175-original



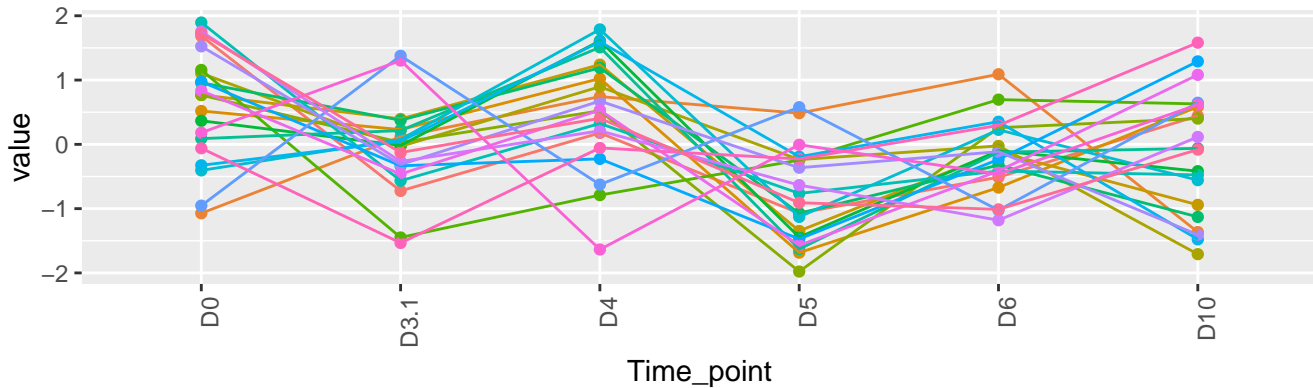
21 genes – WT-cluster-175-standardized



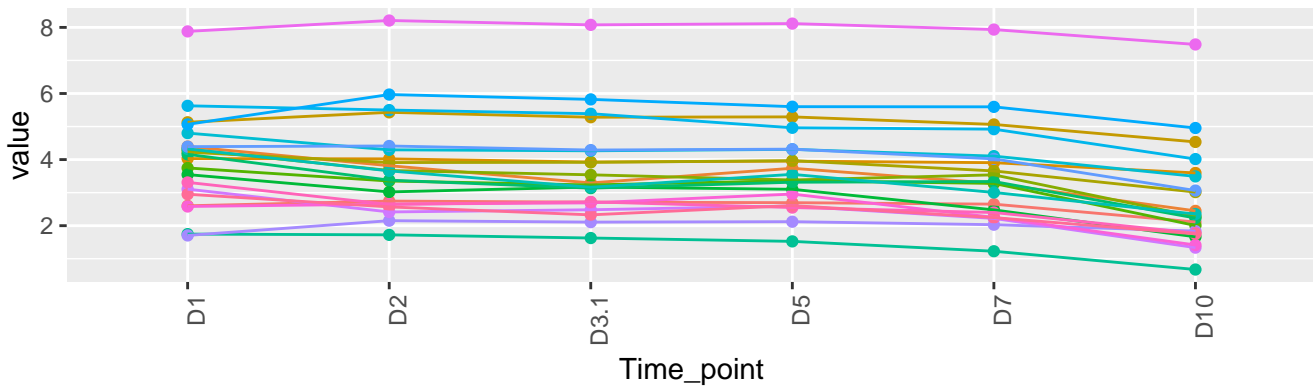
21 genes – KO-cluster-175-original



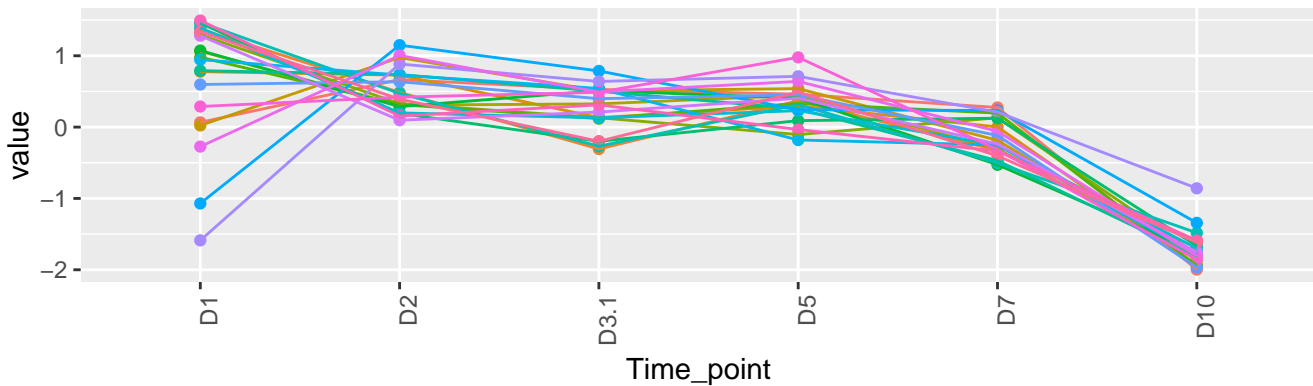
21 genes – KO-cluster-175-standardized



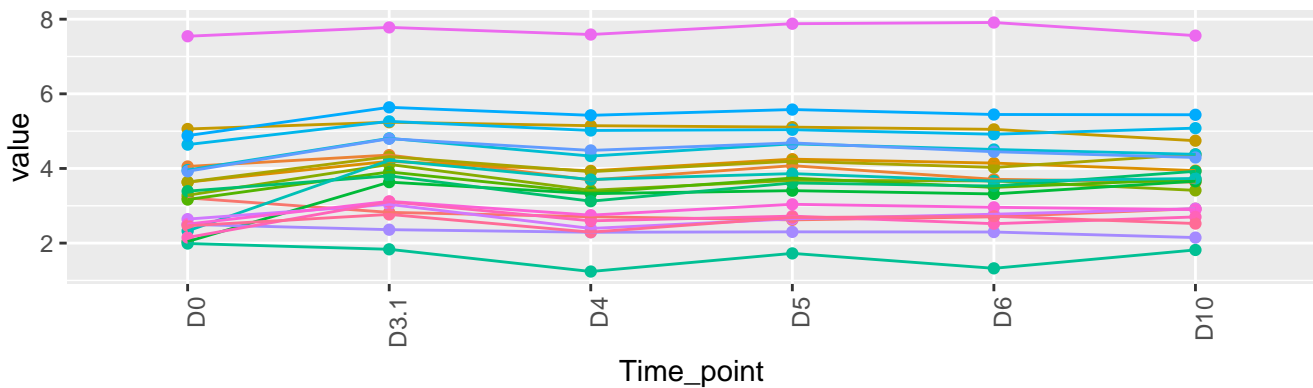
21 genes – WT-cluster-174-original



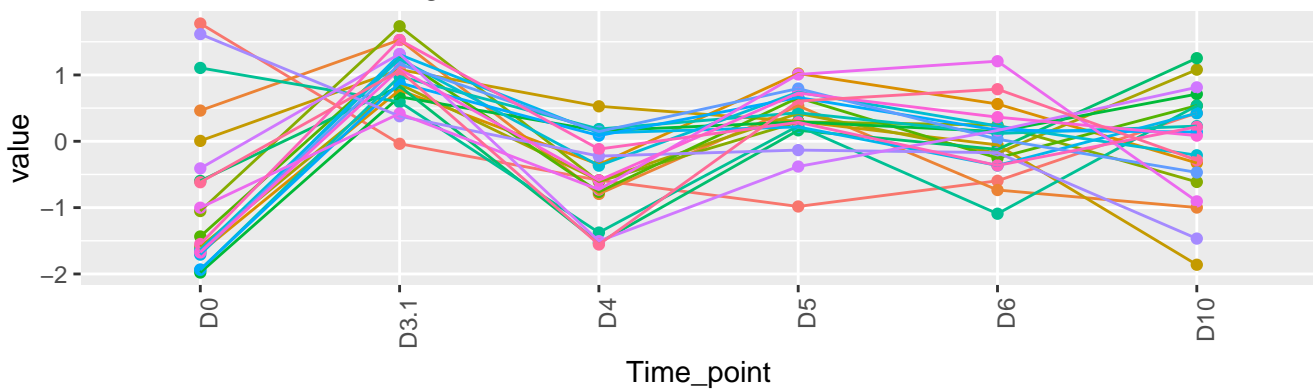
21 genes – WT-cluster-174-standardized



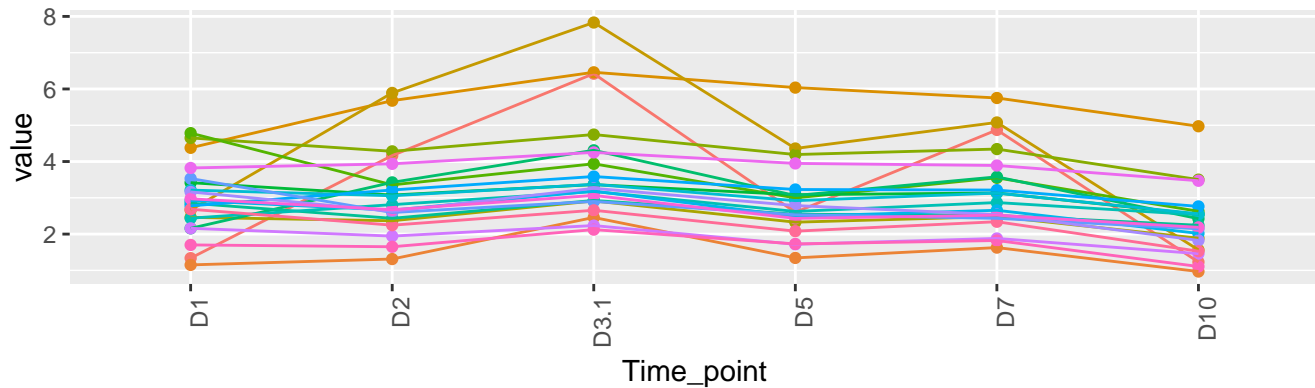
21 genes – KO-cluster-174-original



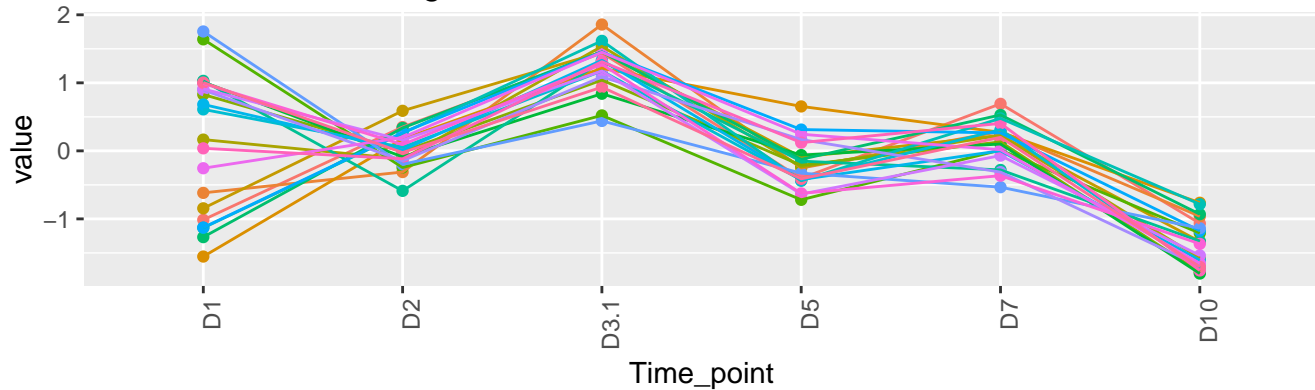
21 genes – KO-cluster-174-standardized



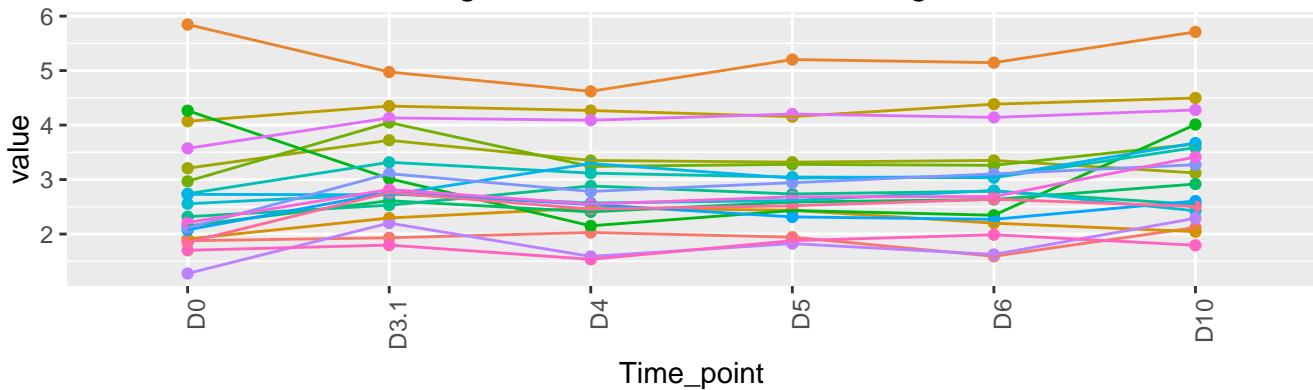
21 genes – WT-cluster-173-original



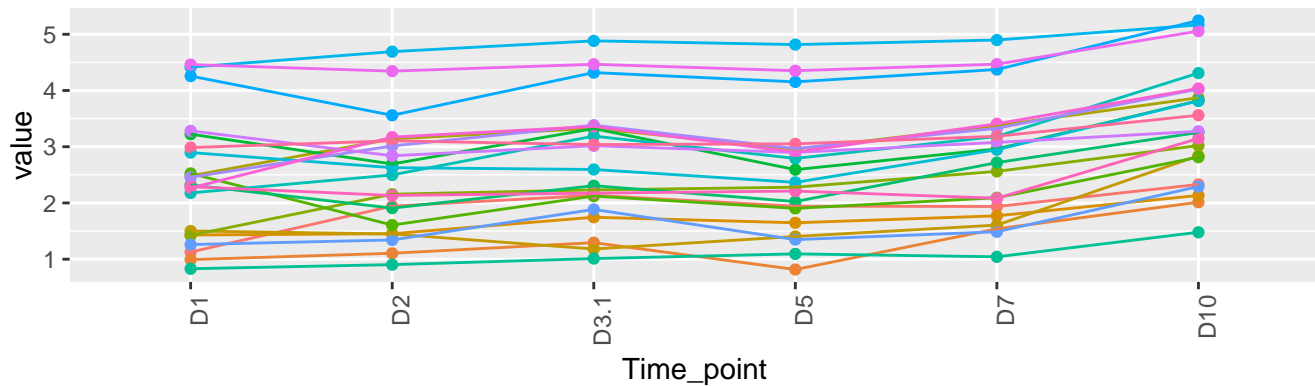
21 genes – WT-cluster-173-standardized



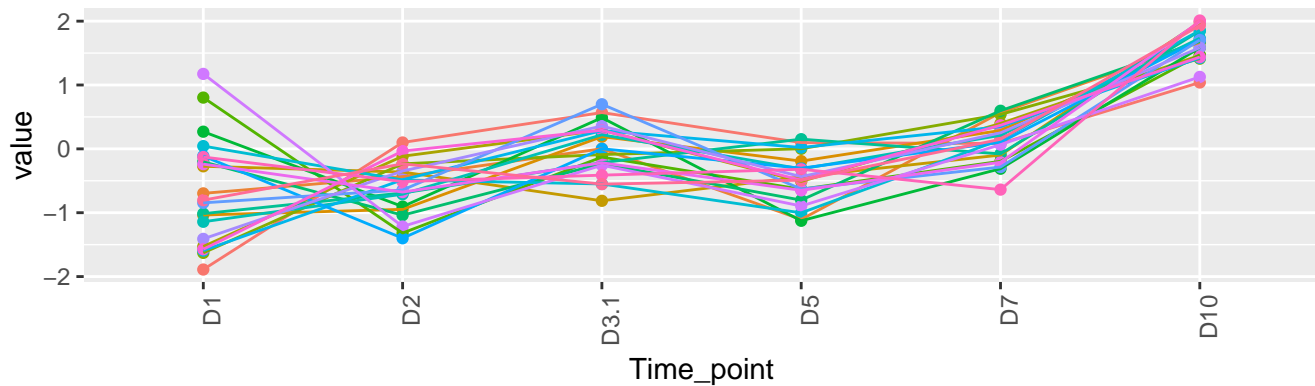
19 genes – KO-cluster-173–original



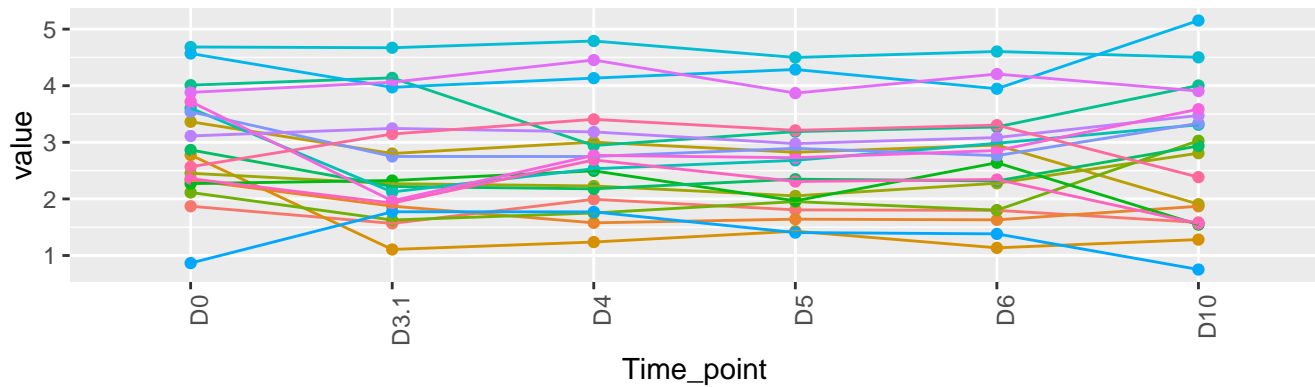
21 genes – WT-cluster-172-original



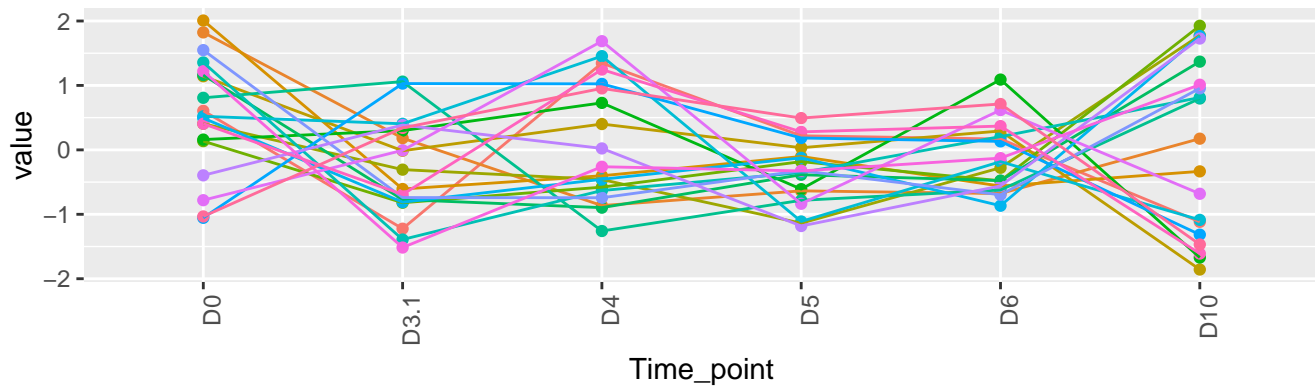
21 genes – WT-cluster-172-standardized



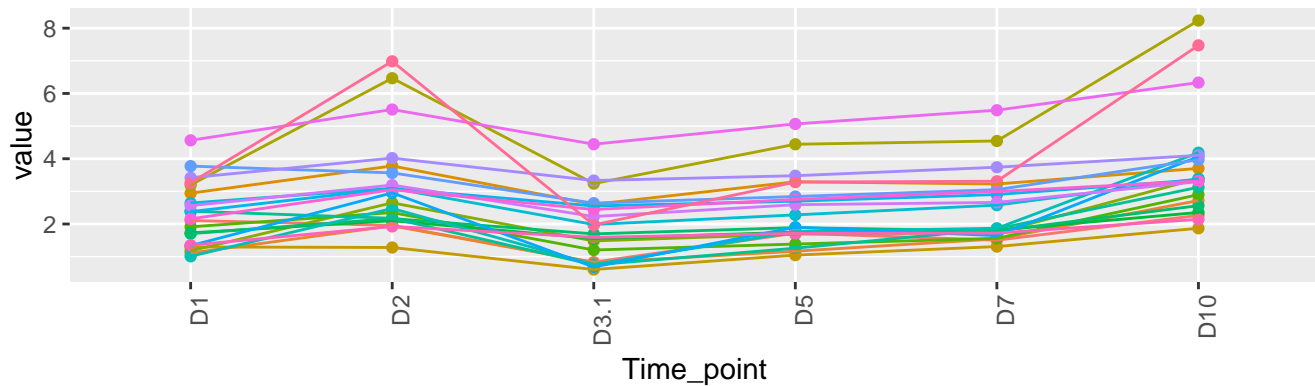
19 genes – KO-cluster-172-original



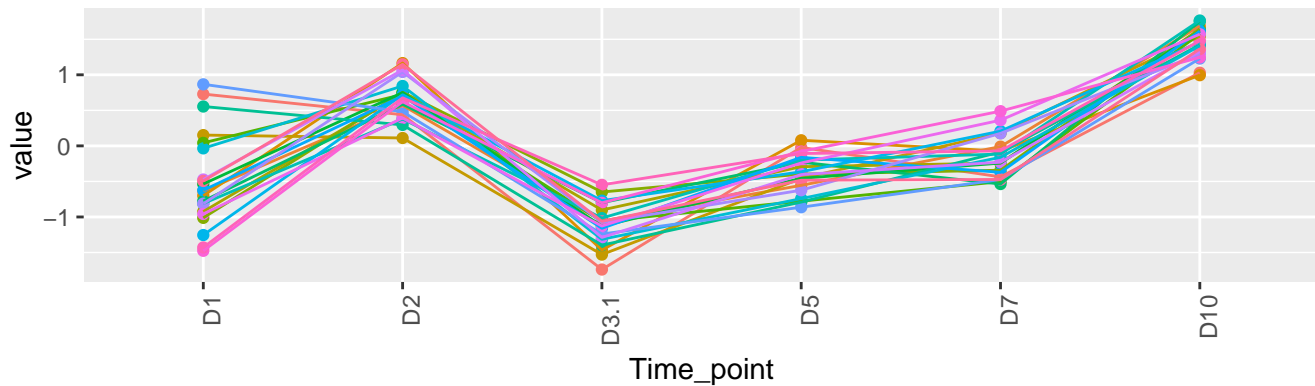
19 genes – KO-cluster-172-standardized



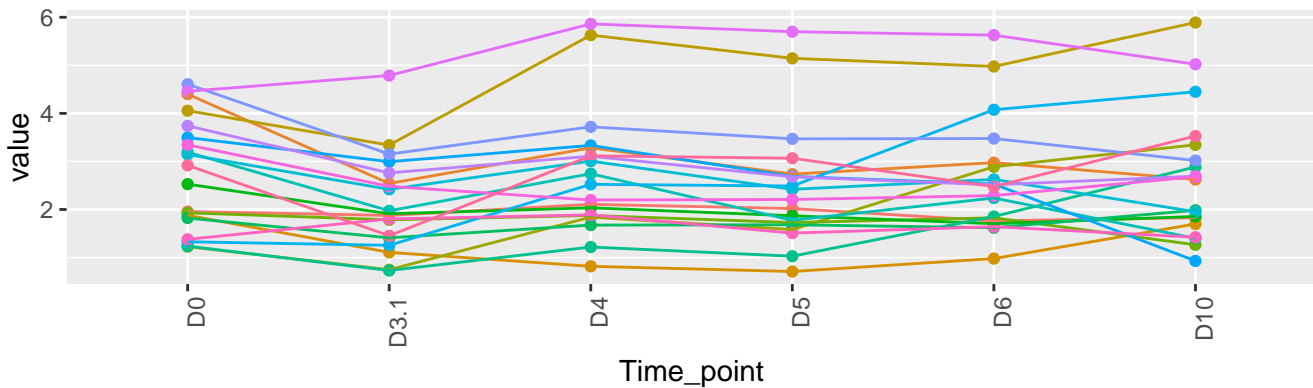
21 genes – WT-cluster-171-original



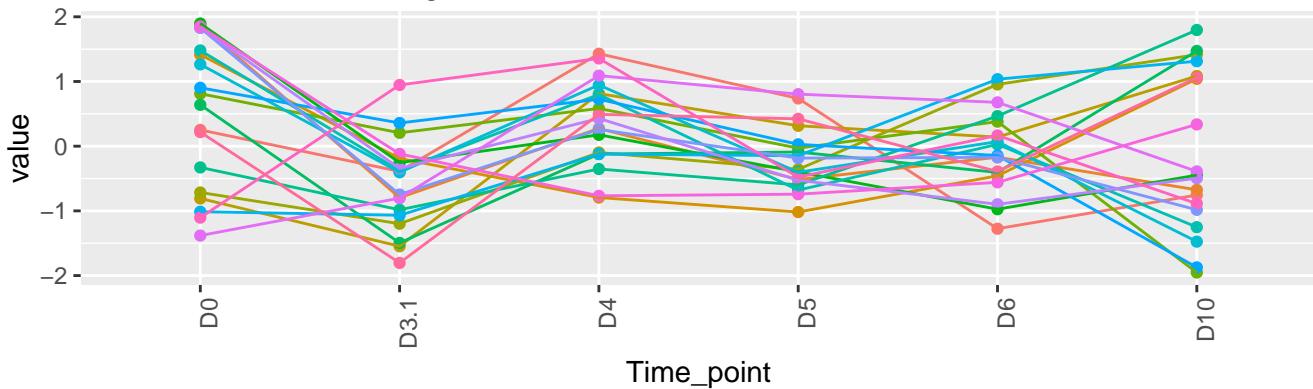
21 genes – WT-cluster-171-standardized



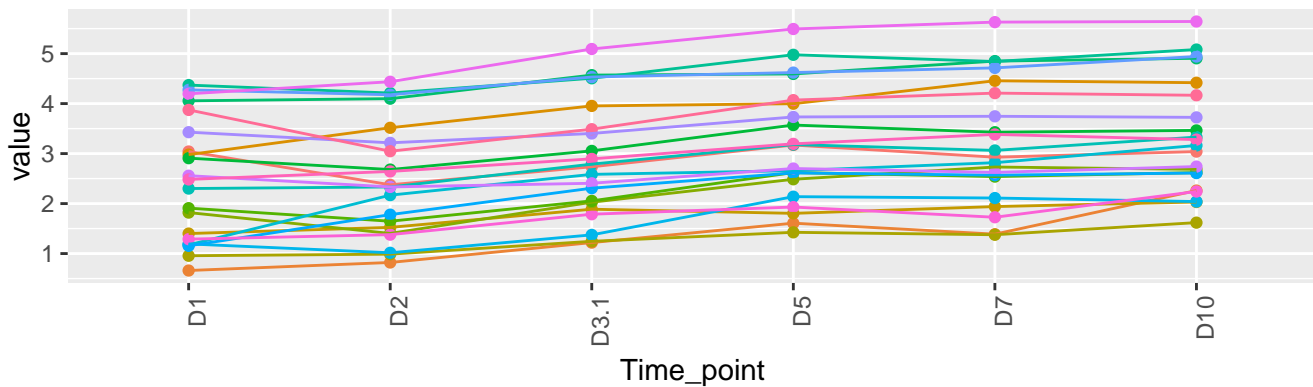
19 genes – KO-cluster-171-original



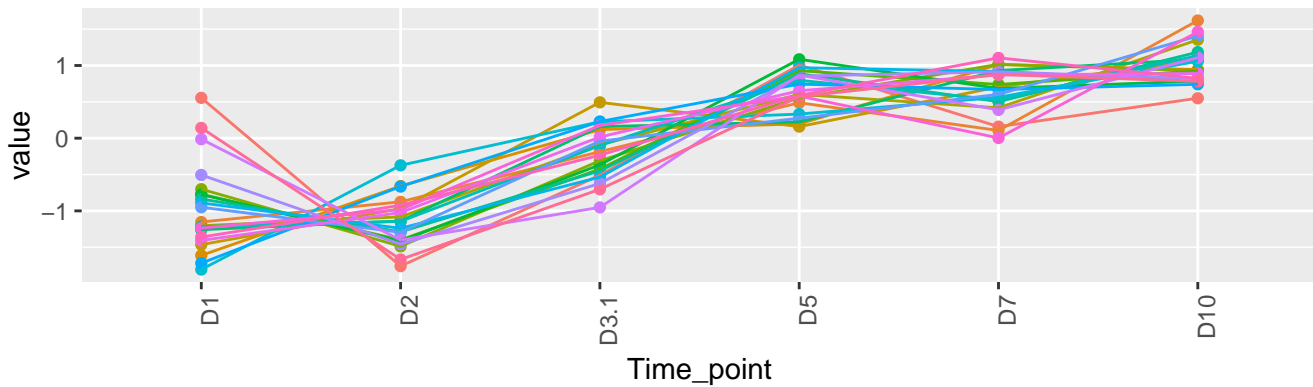
19 genes – KO-cluster-171-standardized



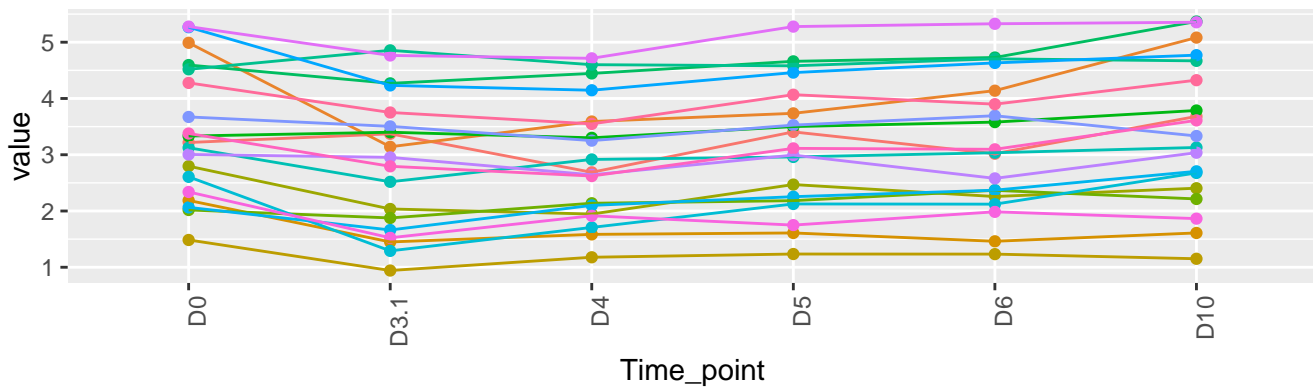
21 genes – WT-cluster-170-original



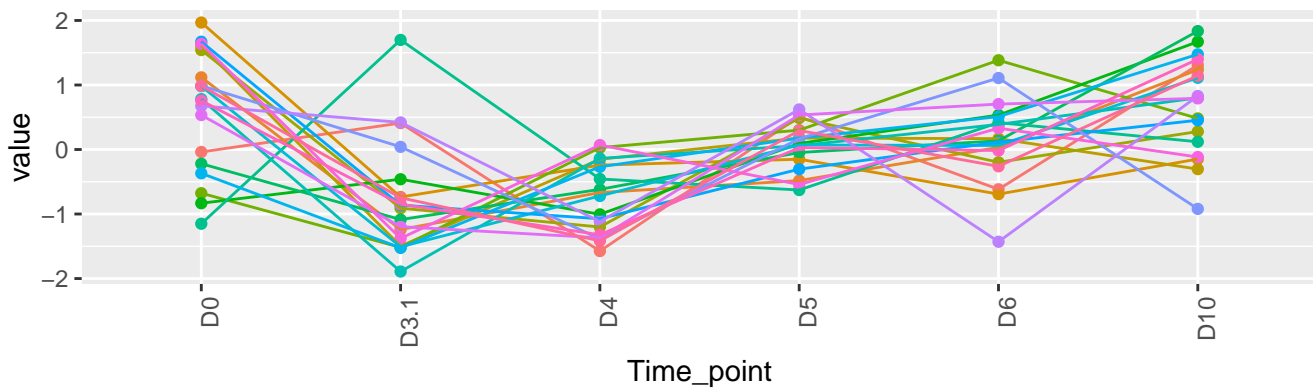
21 genes – WT-cluster-170-standardized



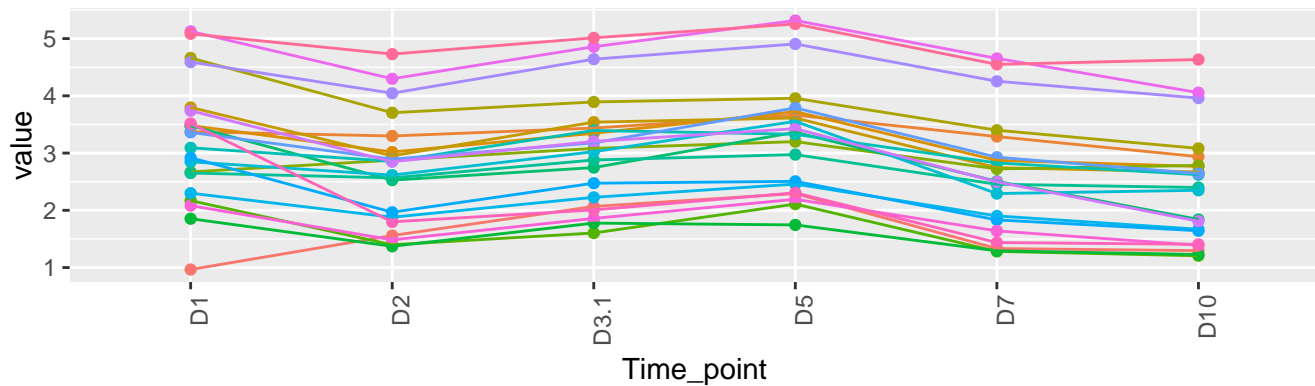
19 genes – KO-cluster-170-original



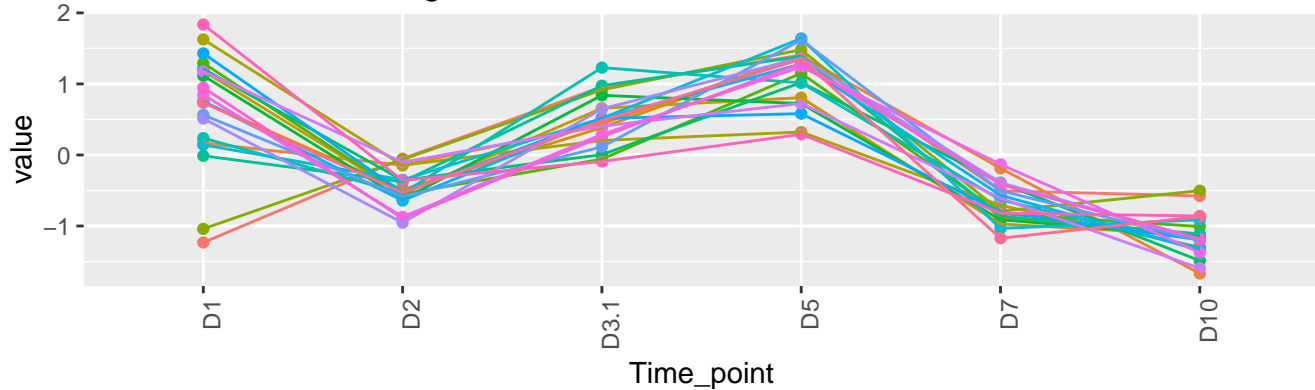
19 genes – KO-cluster-170-standardized



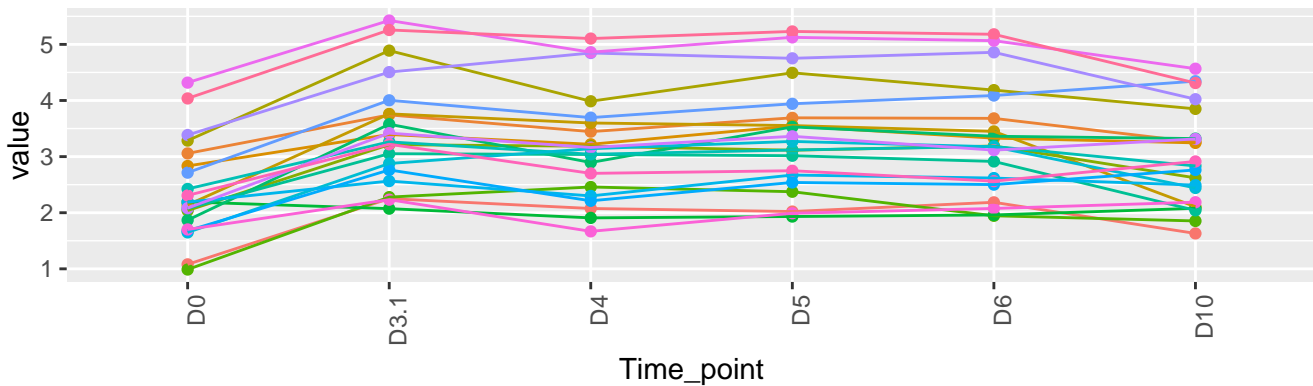
21 genes – WT-cluster-169-original



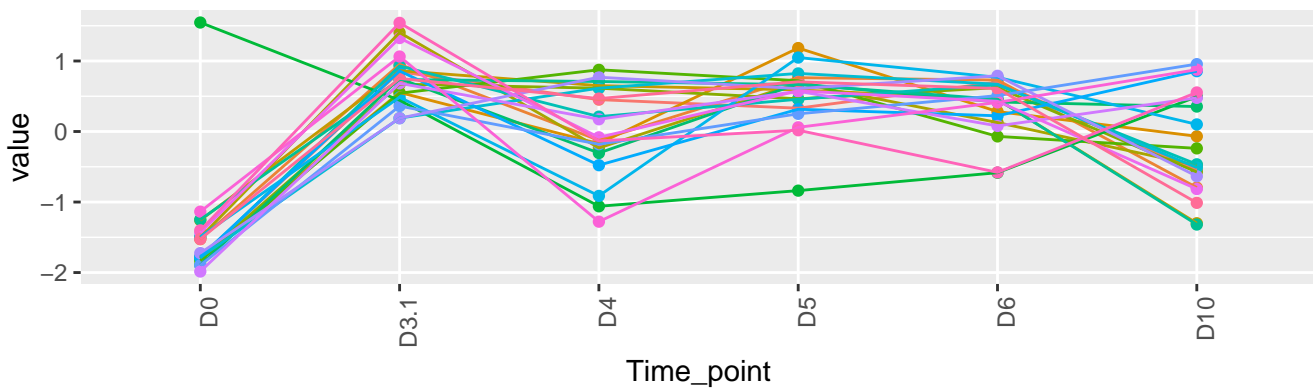
21 genes – WT-cluster-169-standardized



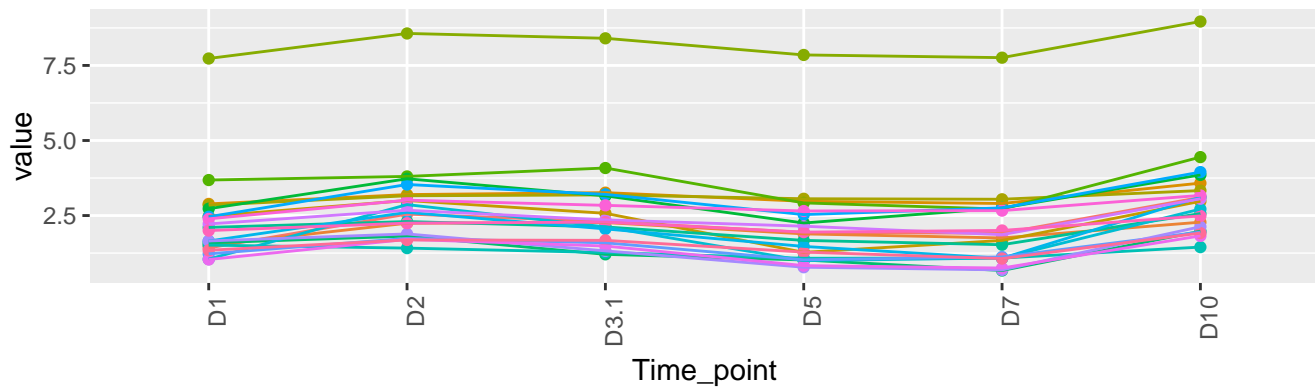
21 genes – KO-cluster-169-original



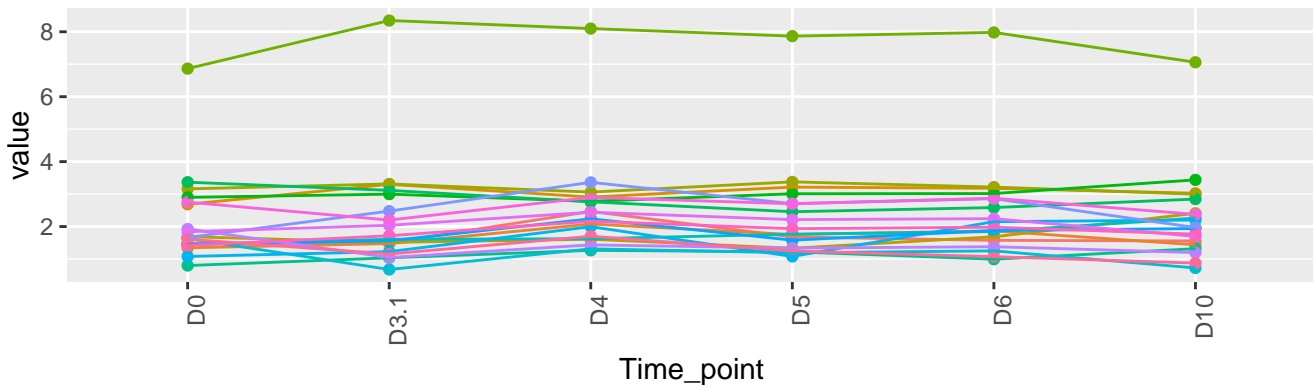
21 genes – KO-cluster-169-standardized



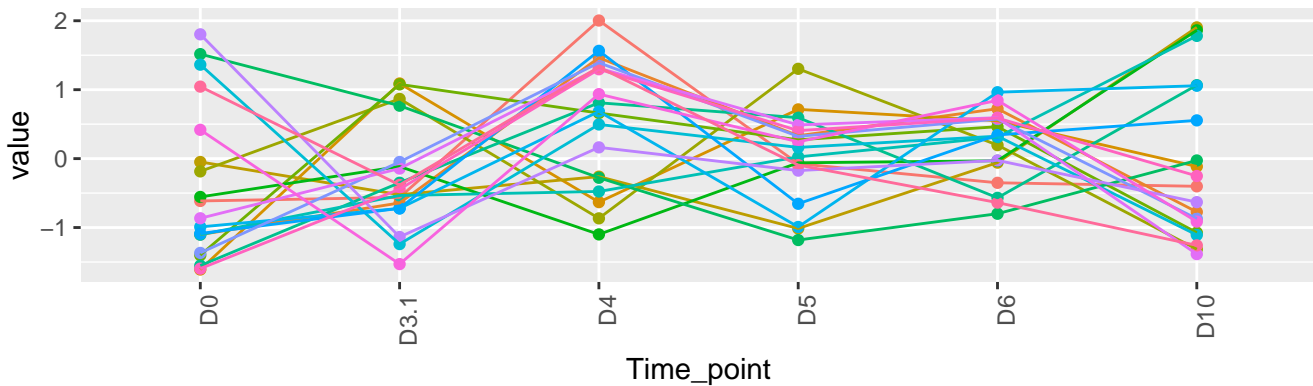
21 genes – WT-cluster-168-original



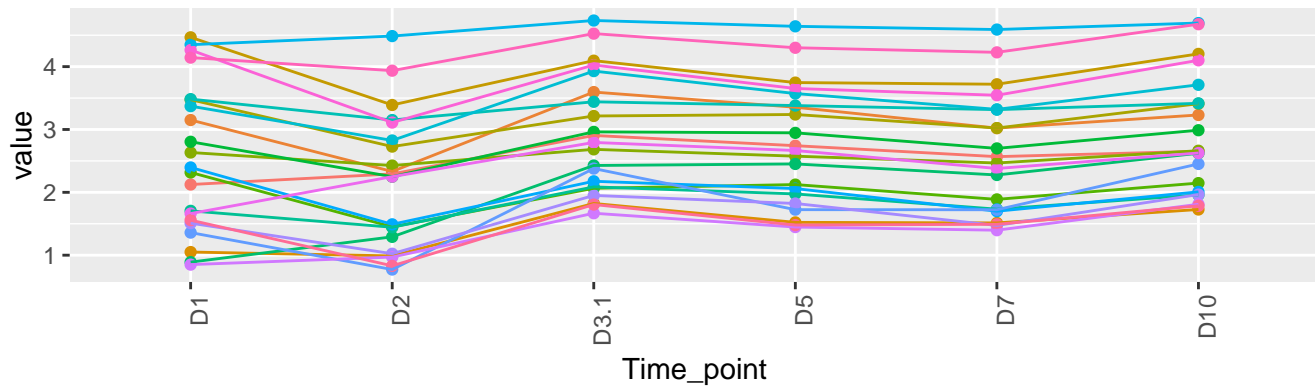
19 genes – KO-cluster-168-original



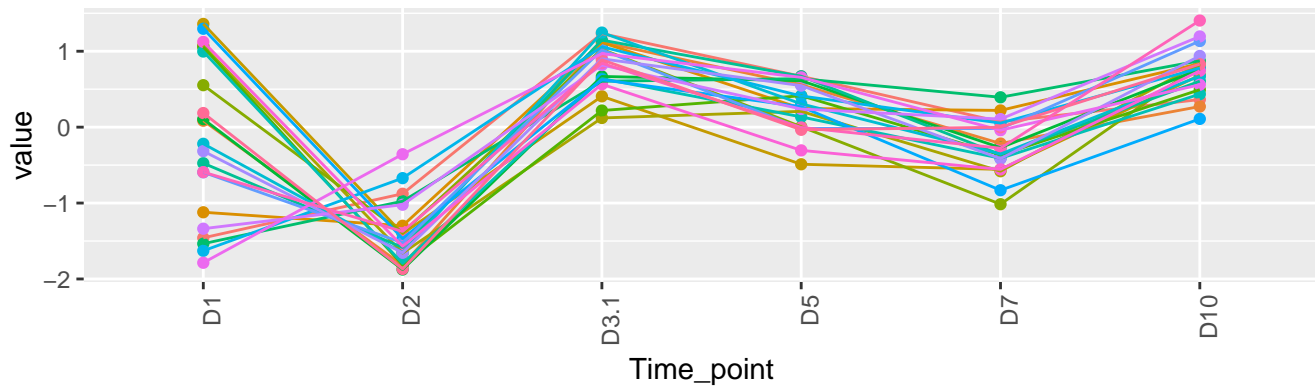
19 genes – KO-cluster-168-standardized



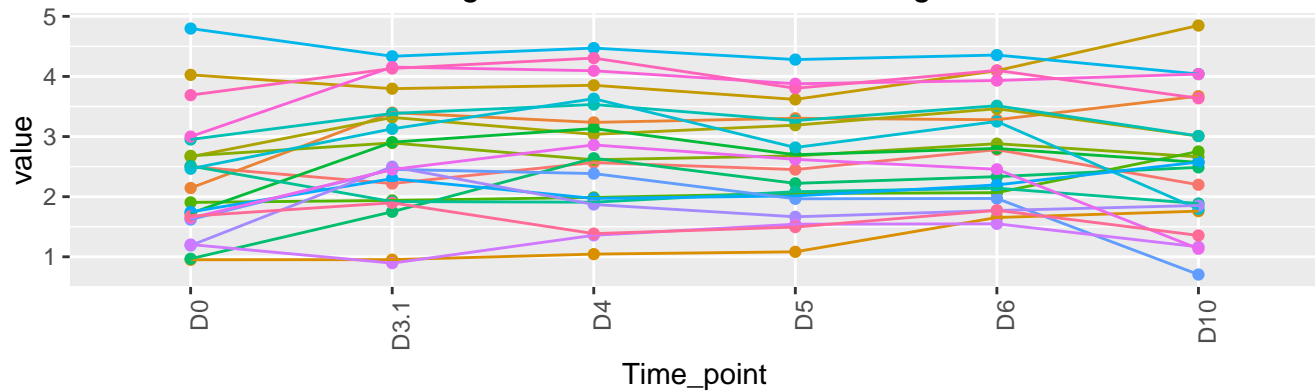
21 genes – WT-cluster-167-original



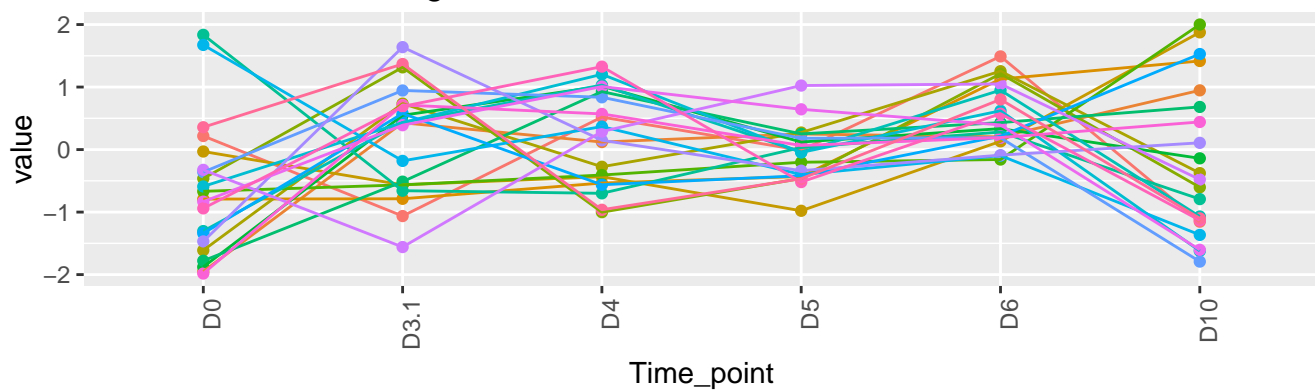
21 genes – WT-cluster-167-standardized



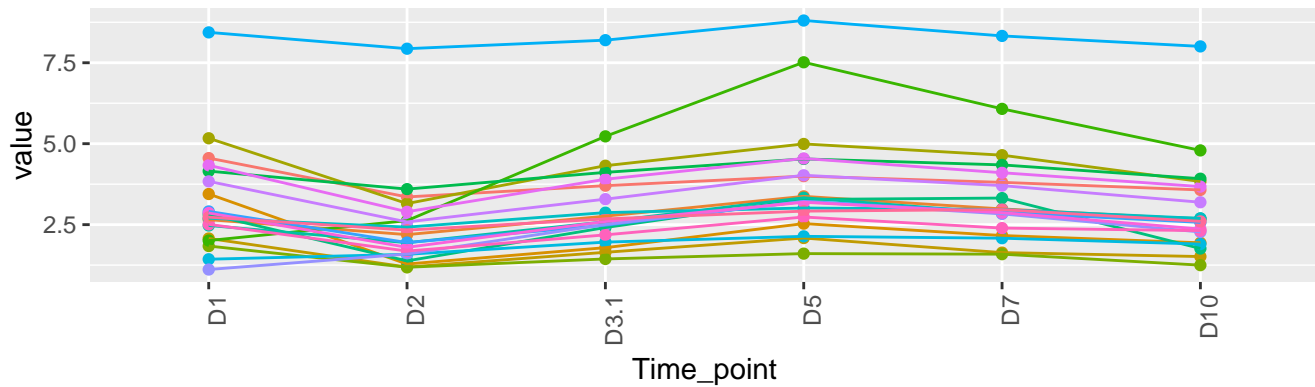
21 genes – KO-cluster-167-original



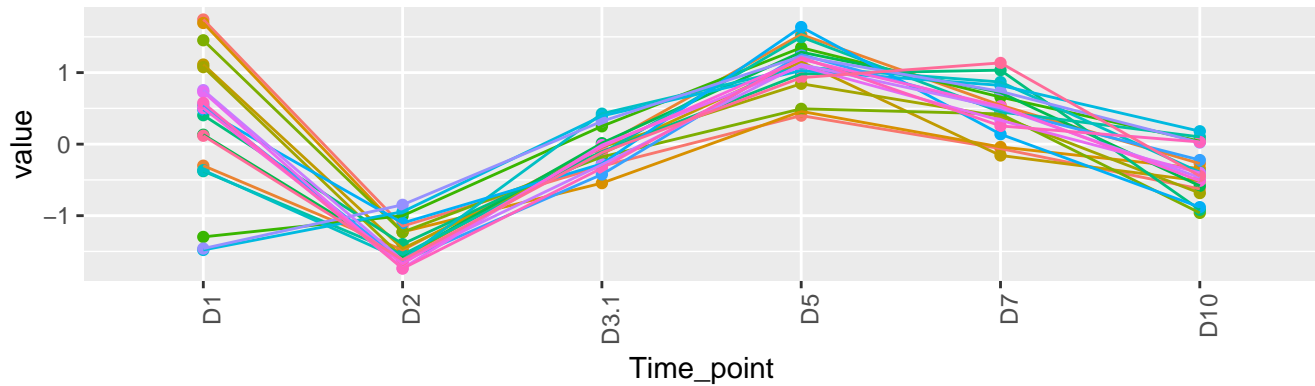
21 genes – KO-cluster-167-standardized



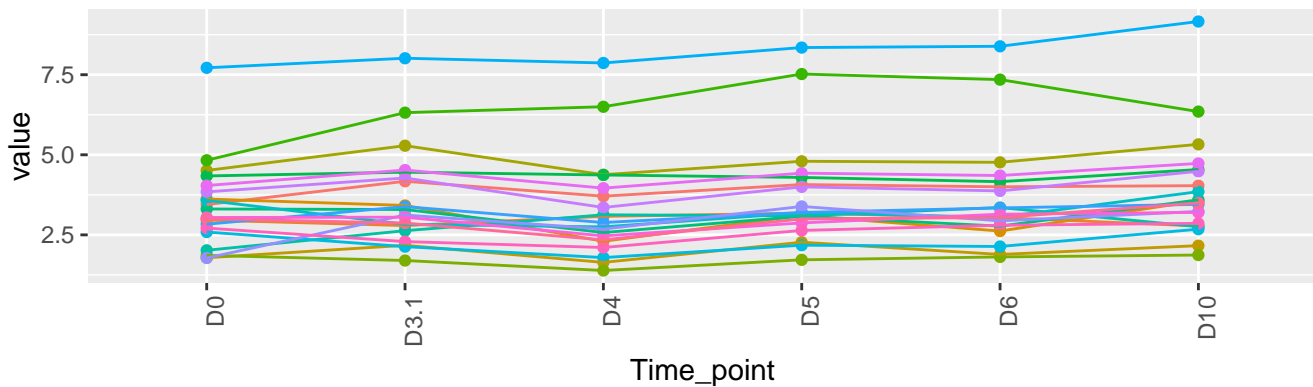
20 genes – WT-cluster-166-original



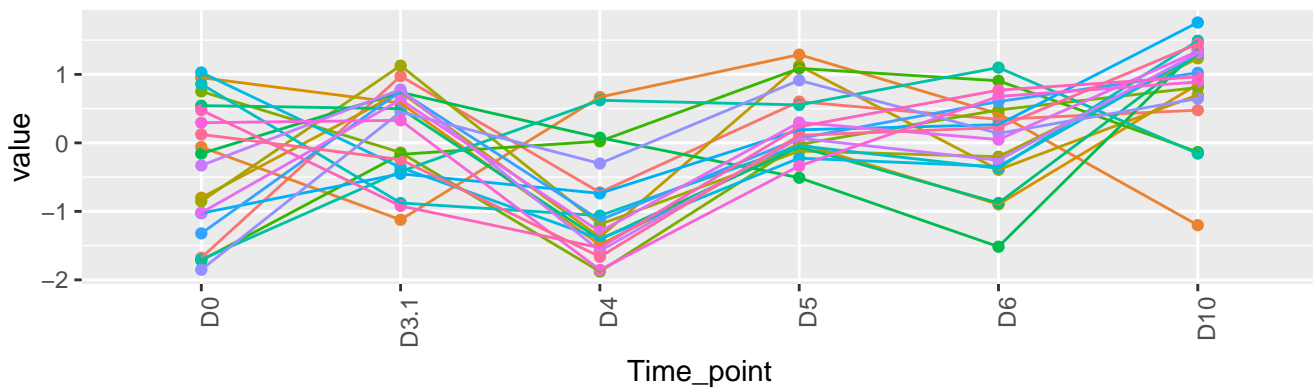
20 genes – WT-cluster-166-standardized



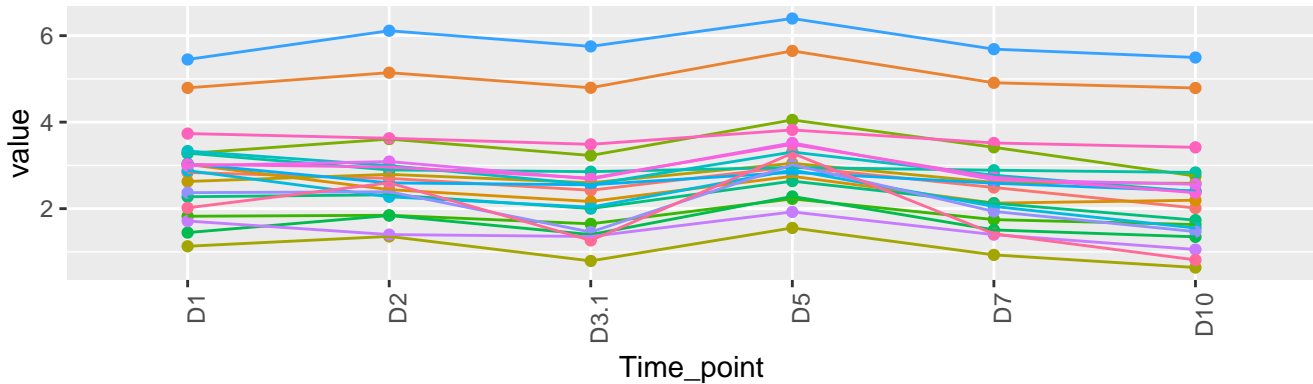
20 genes – KO-cluster-166-original



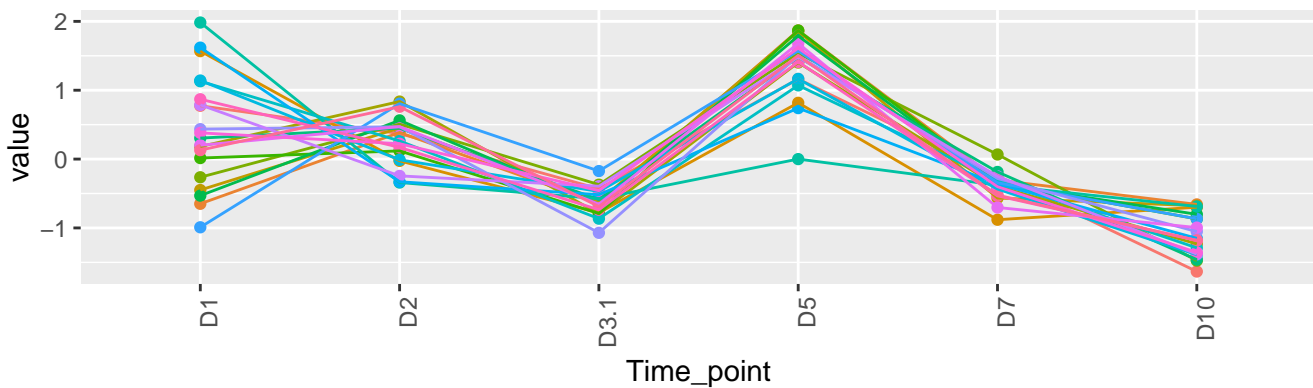
20 genes – KO-cluster-166-standardized



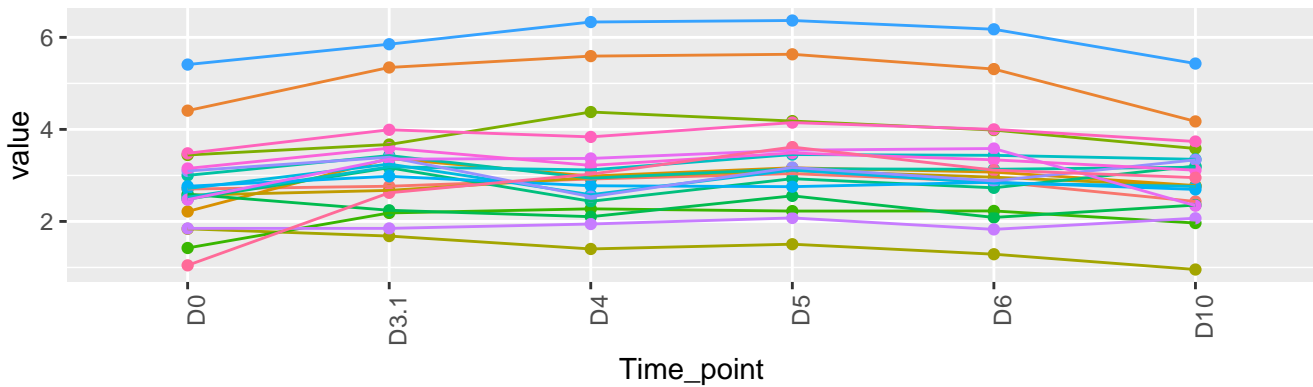
20 genes – WT-cluster-165-origina



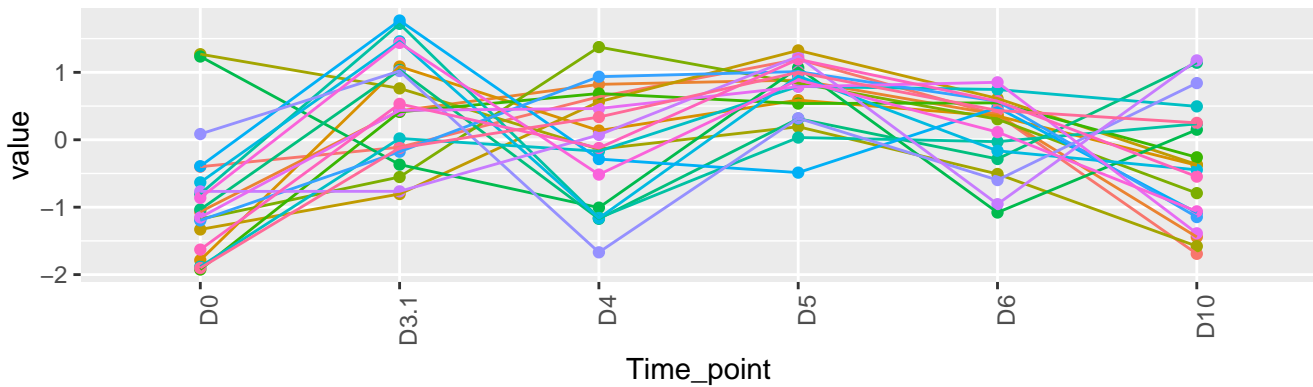
20 genes – WT-cluster-165-standardized



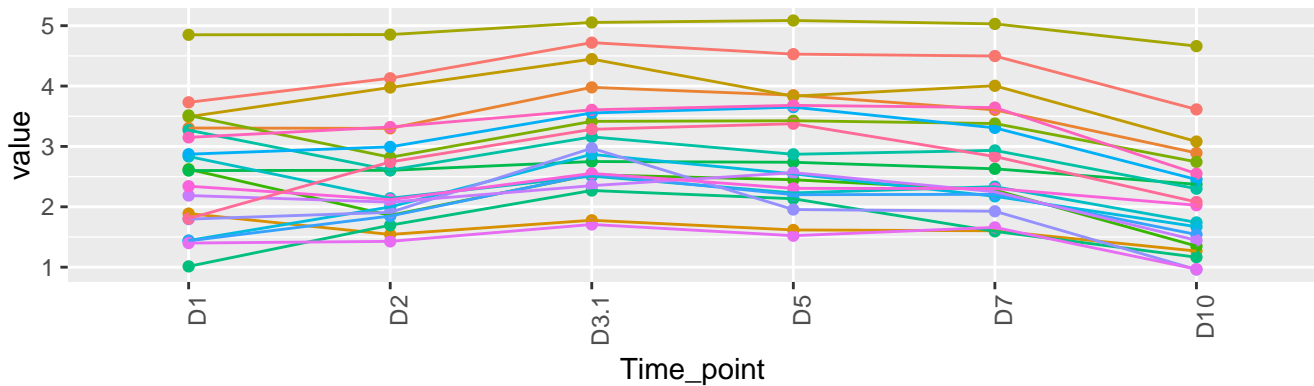
20 genes – KO-cluster-165-original



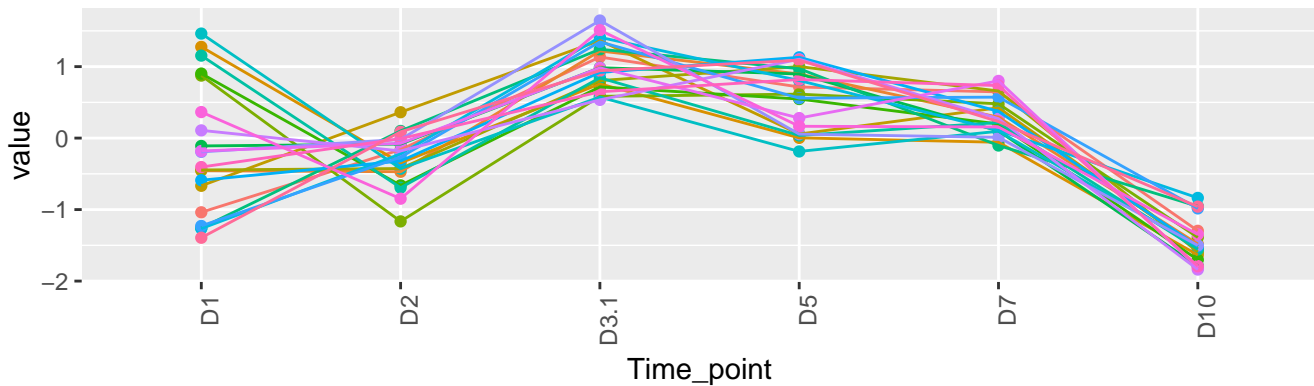
20 genes – KO-cluster-165-standardized



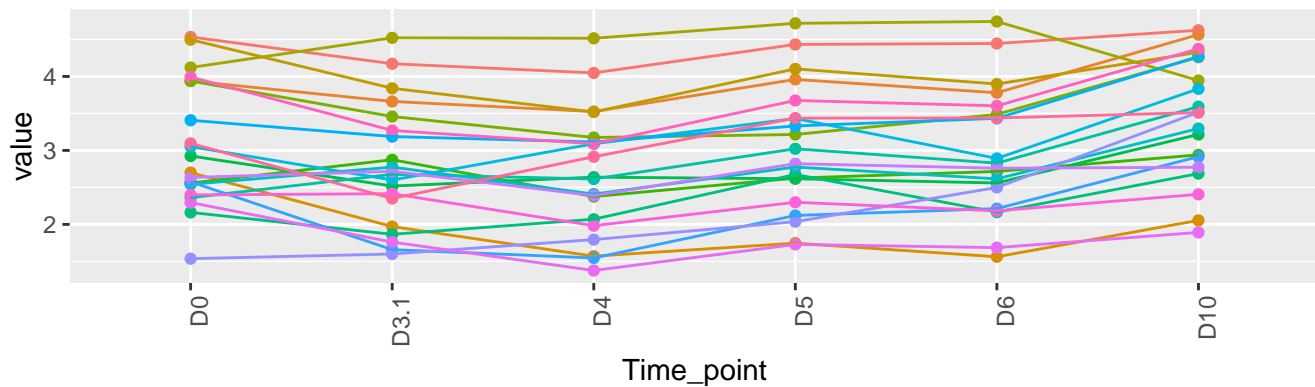
20 genes – WT-cluster-164-original



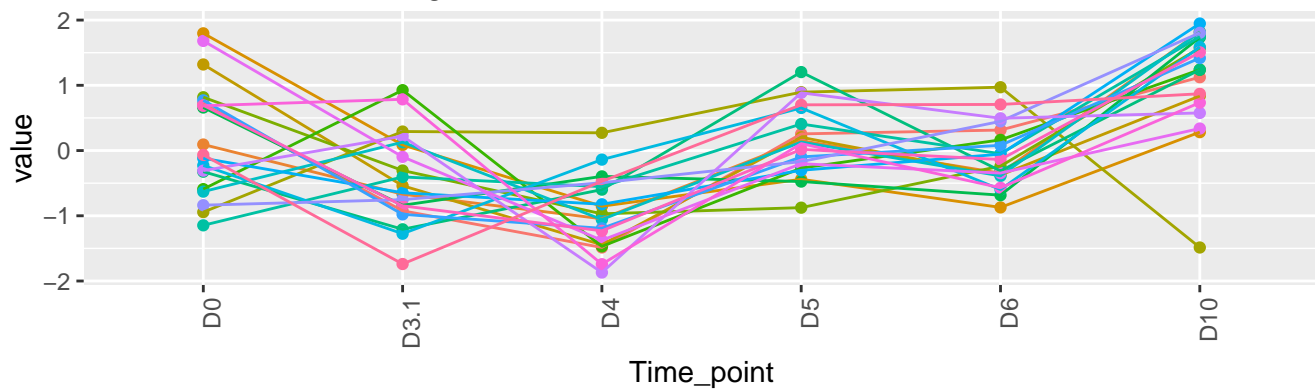
20 genes – WT-cluster-164-standardized



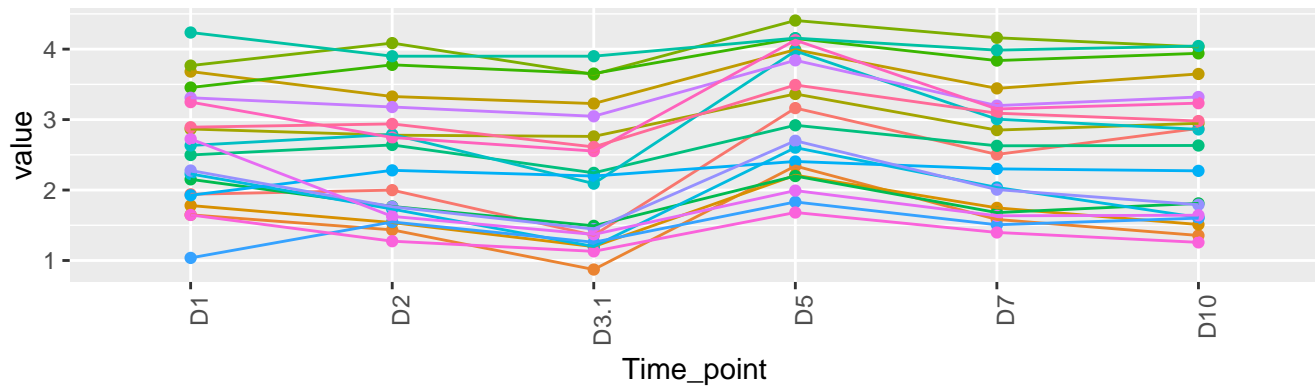
20 genes – KO-cluster-164-original



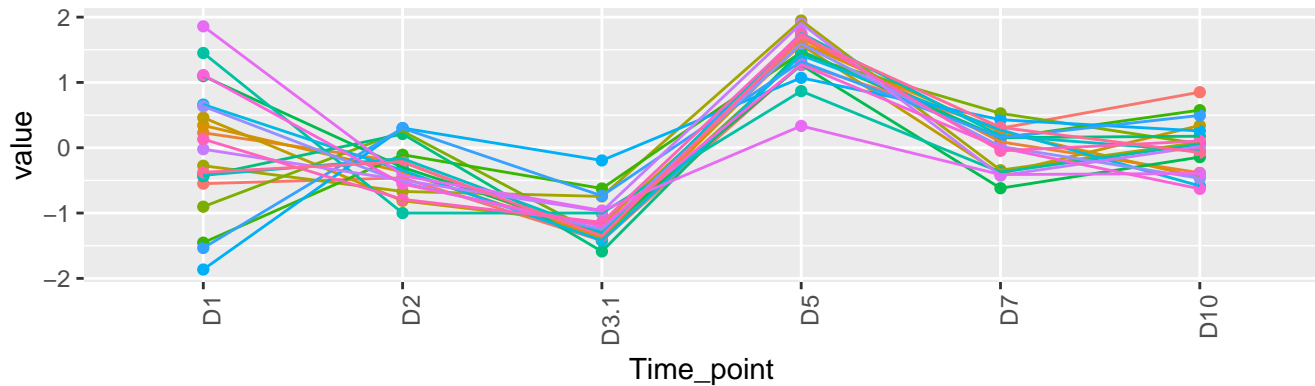
20 genes – KO-cluster-164-standardized



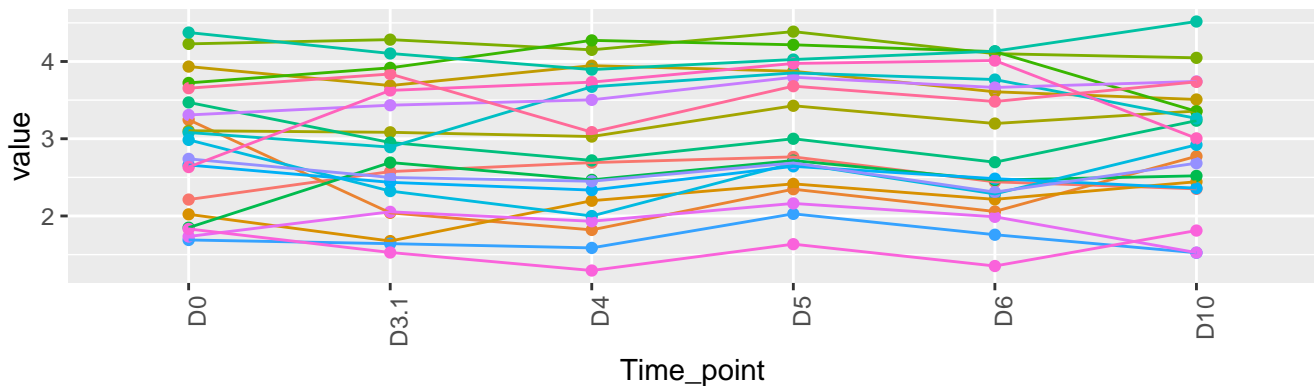
20 genes – WT-cluster-163-original



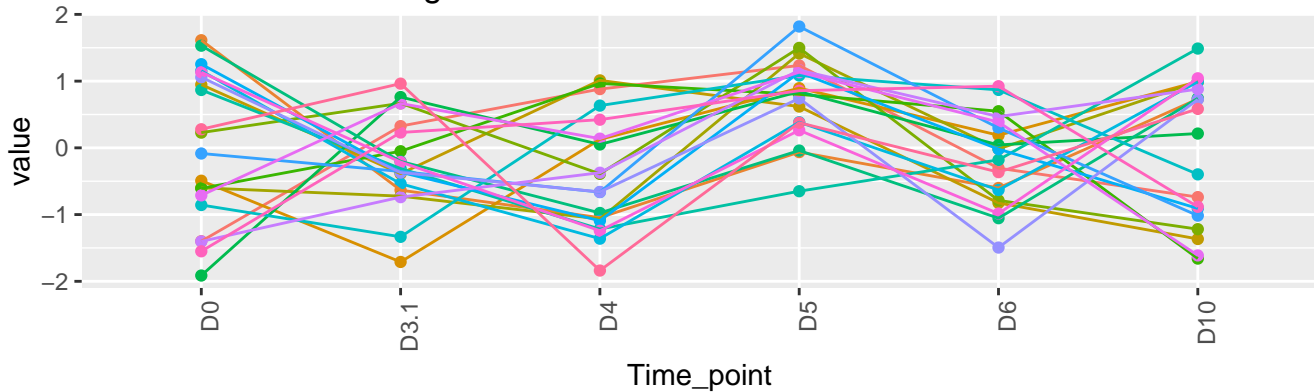
20 genes – WT-cluster-163-standardized



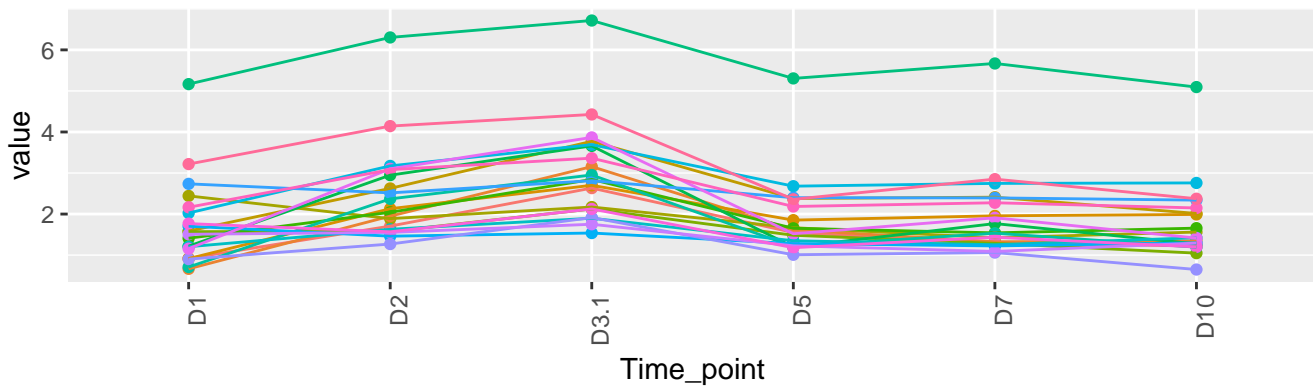
20 genes – KO-cluster-163-original



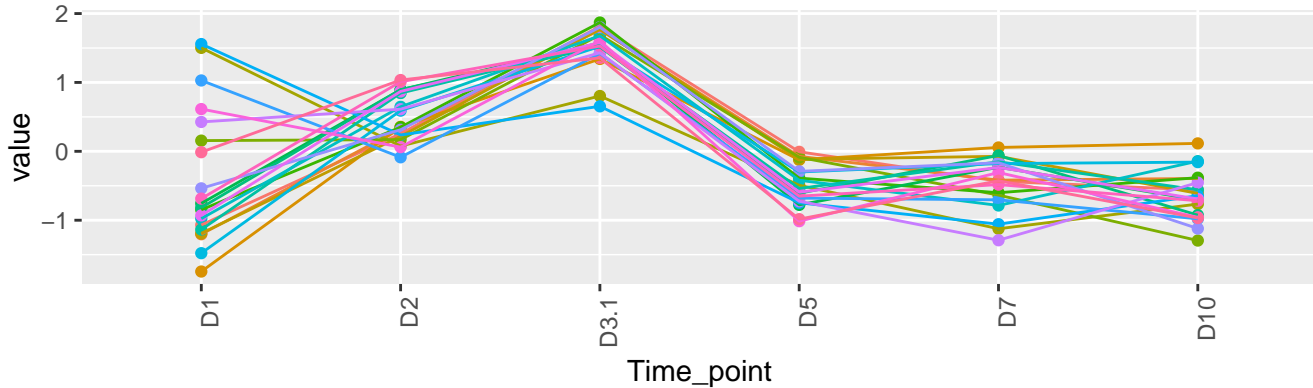
20 genes – KO-cluster-163-standardized



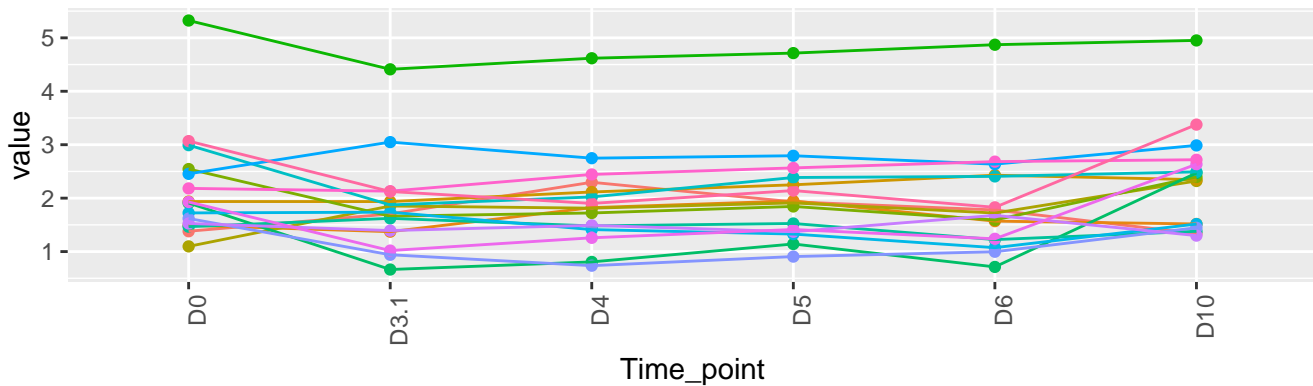
20 genes – WT-cluster-162-original



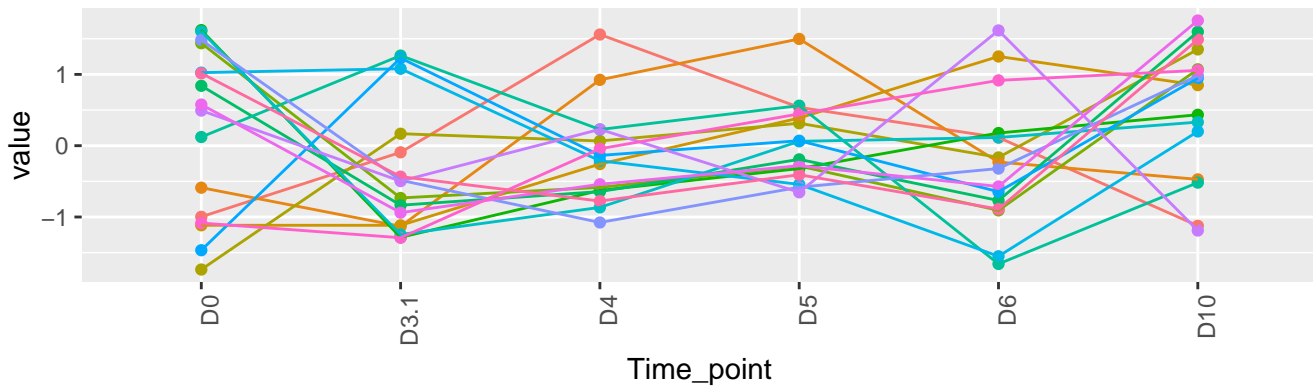
20 genes – WT-cluster-162-standardized



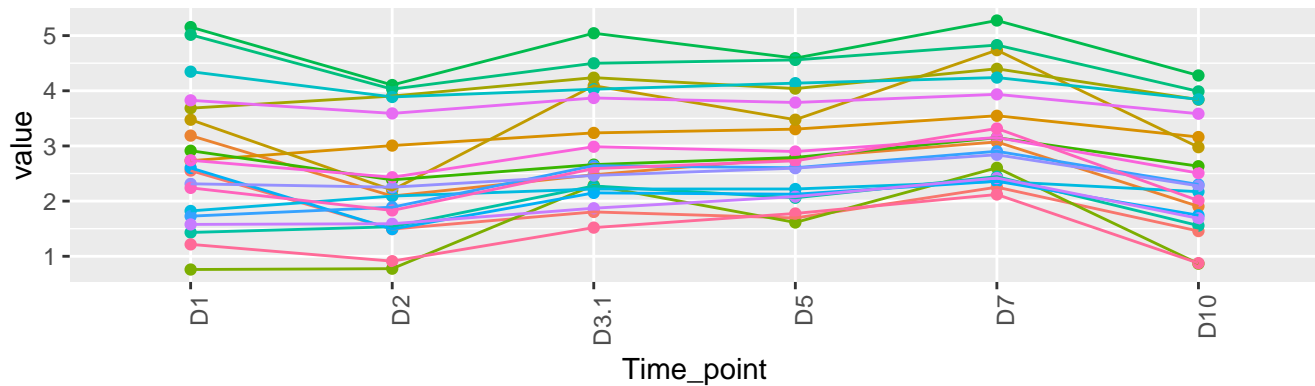
16 genes – KO-cluster-162-original



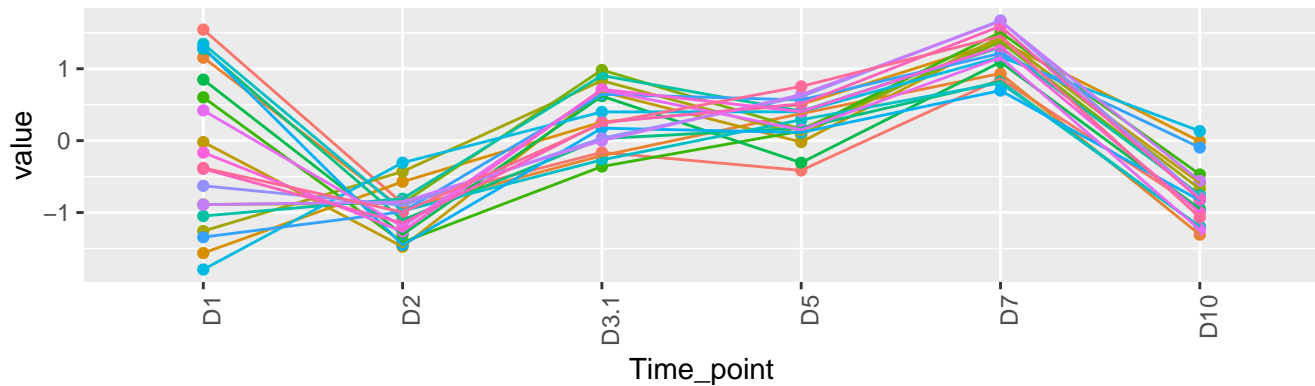
16 genes – KO-cluster-162-standardized



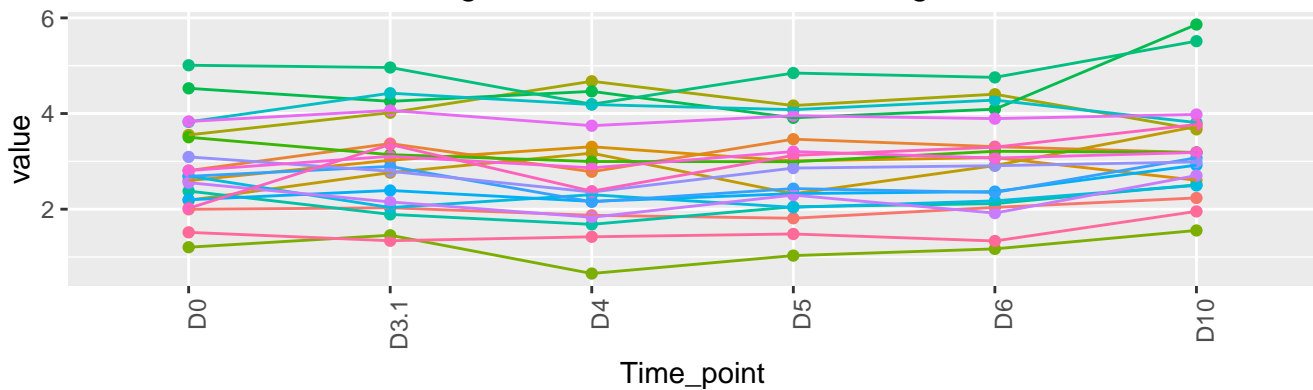
20 genes – WT-cluster-161-original



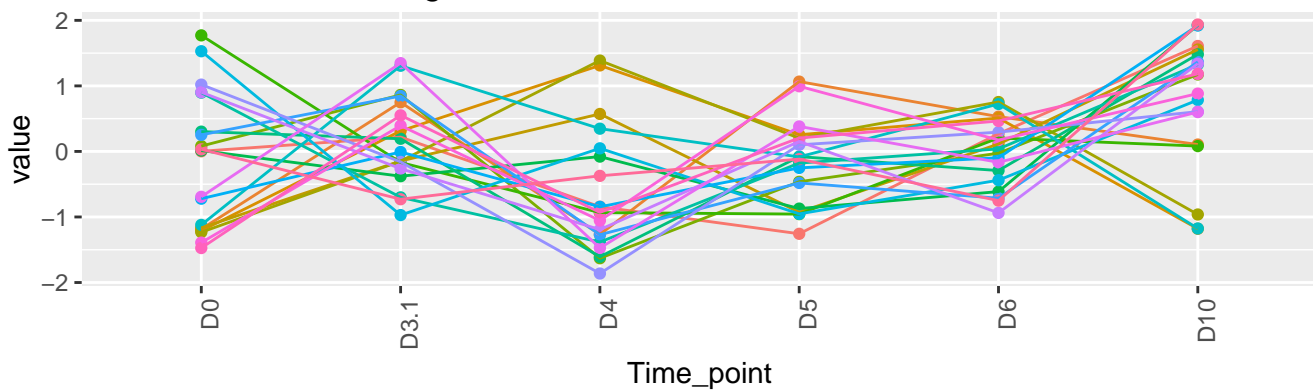
20 genes – WT-cluster-161-standardized



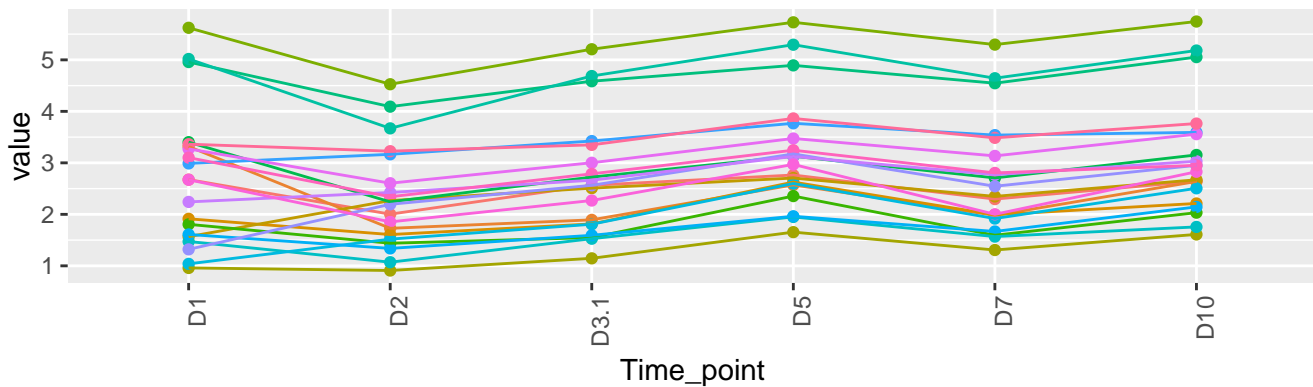
20 genes – KO-cluster-161-original



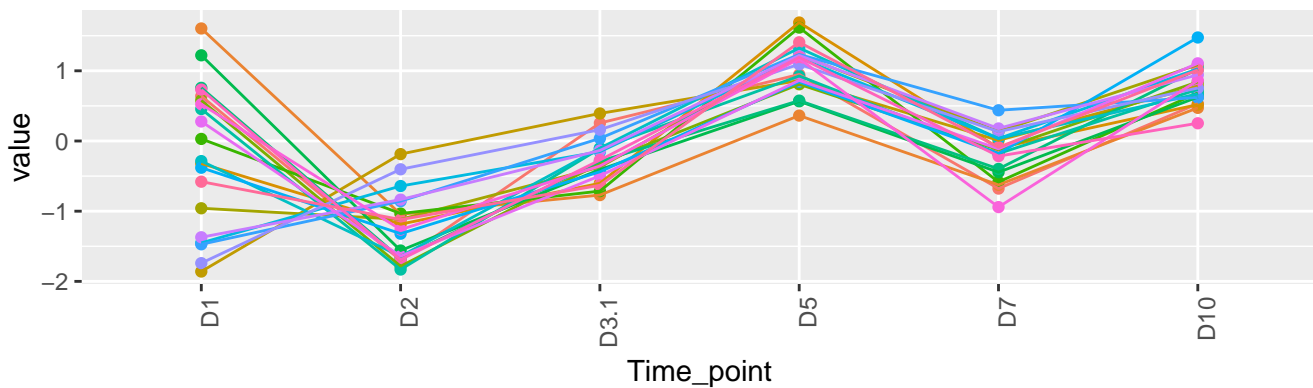
20 genes – KO-cluster-161-standardized



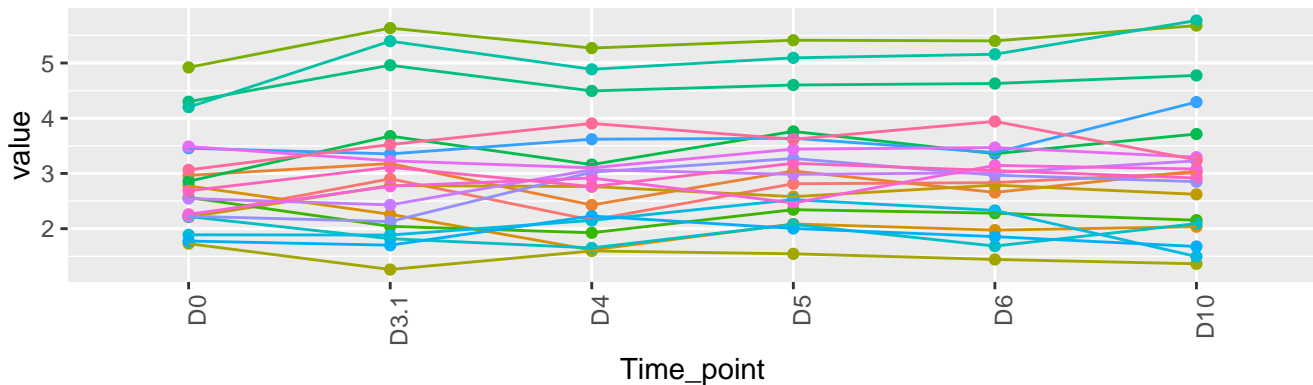
20 genes – WT-cluster-160-original



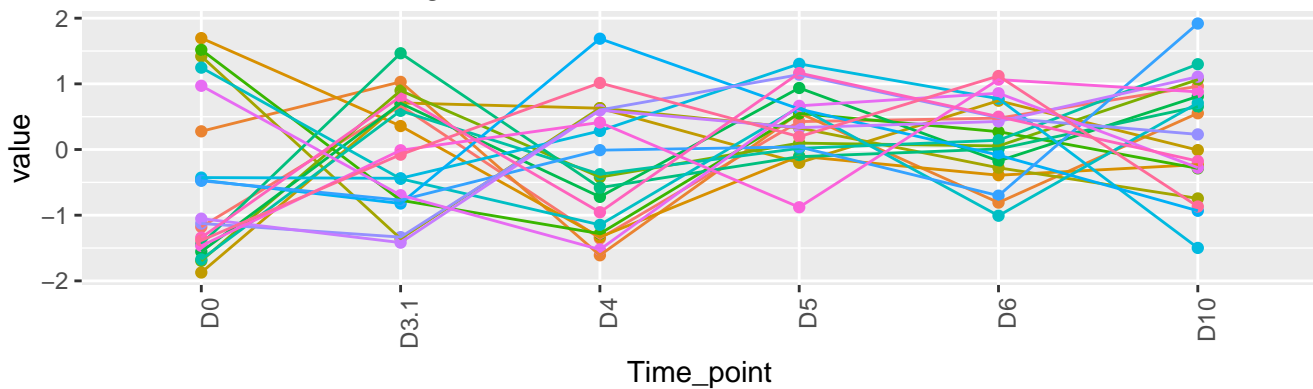
20 genes – WT-cluster-160-standardized



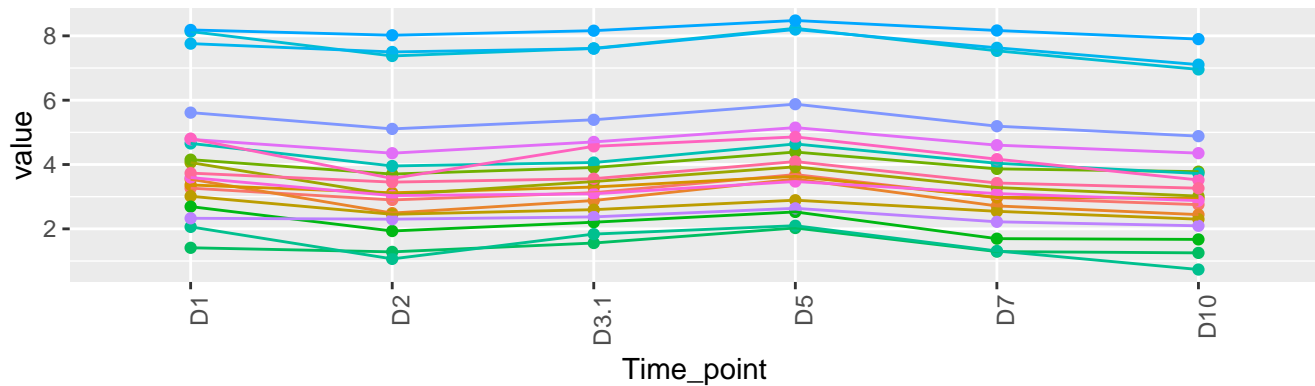
20 genes – KO-cluster-160-original



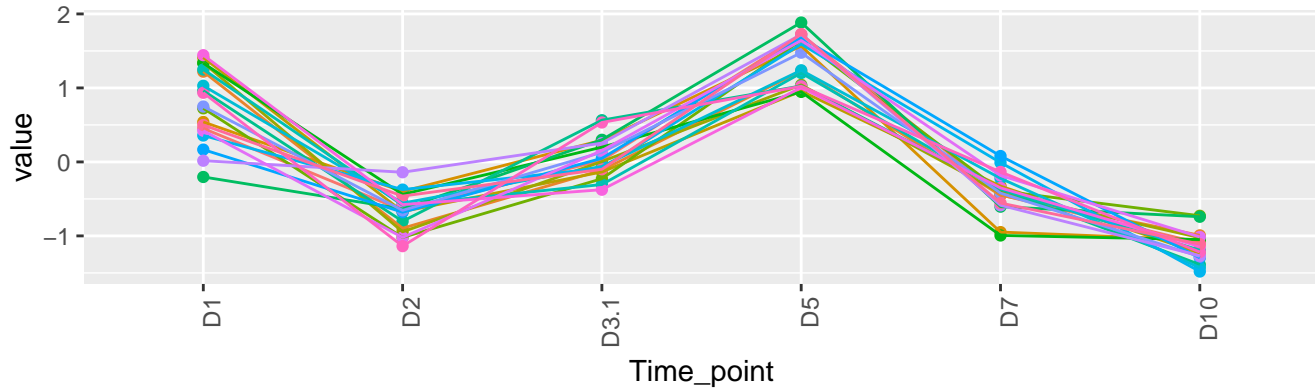
20 genes – KO-cluster-160-standardized



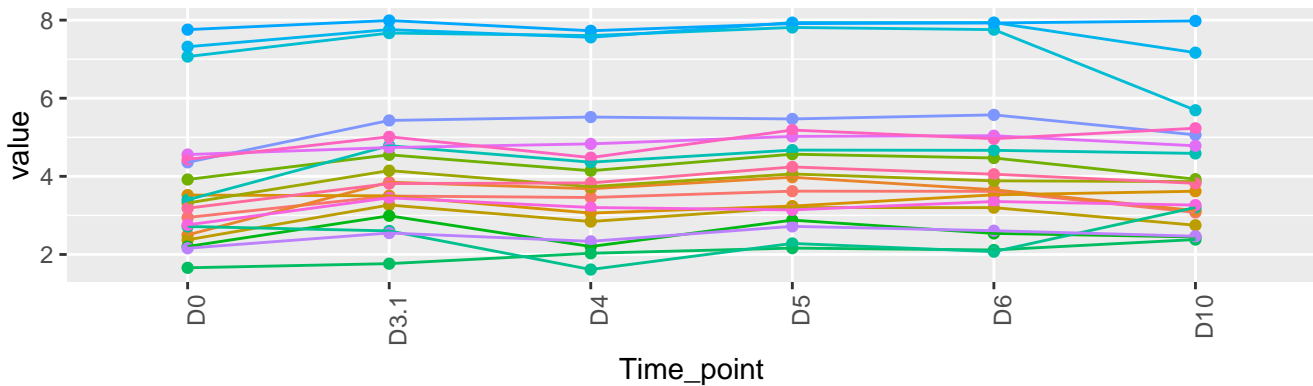
19 genes – WT-cluster-159-original



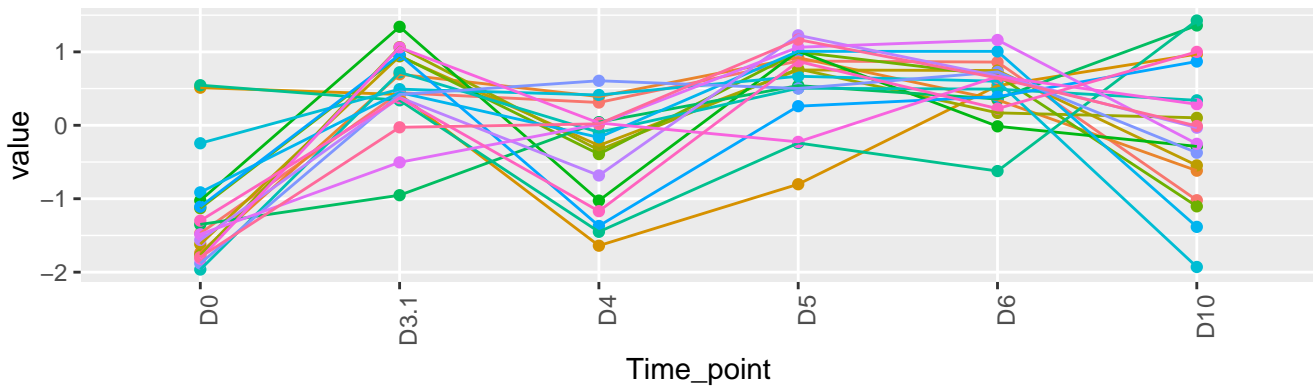
19 genes – WT-cluster-159-standardized



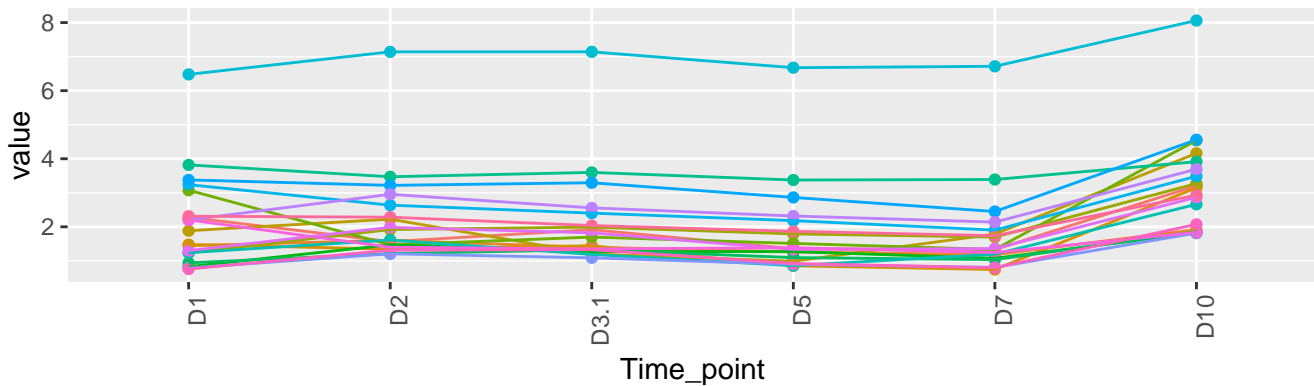
19 genes – KO-cluster-159-original



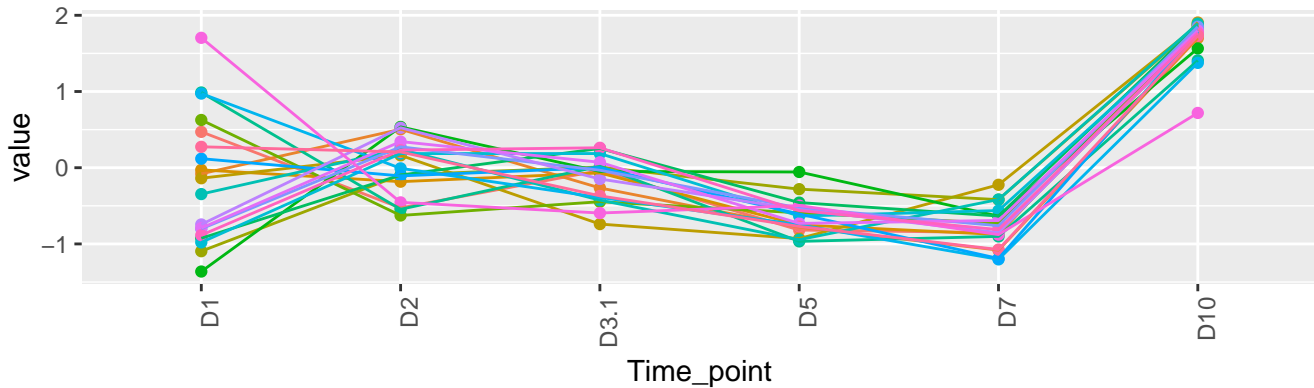
19 genes – KO-cluster-159-standardized



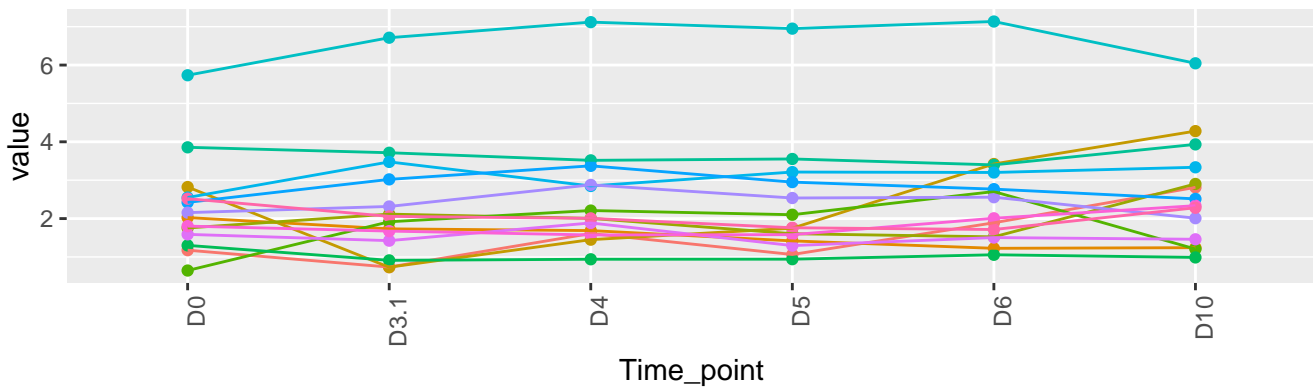
19 genes – WT-cluster-158-original



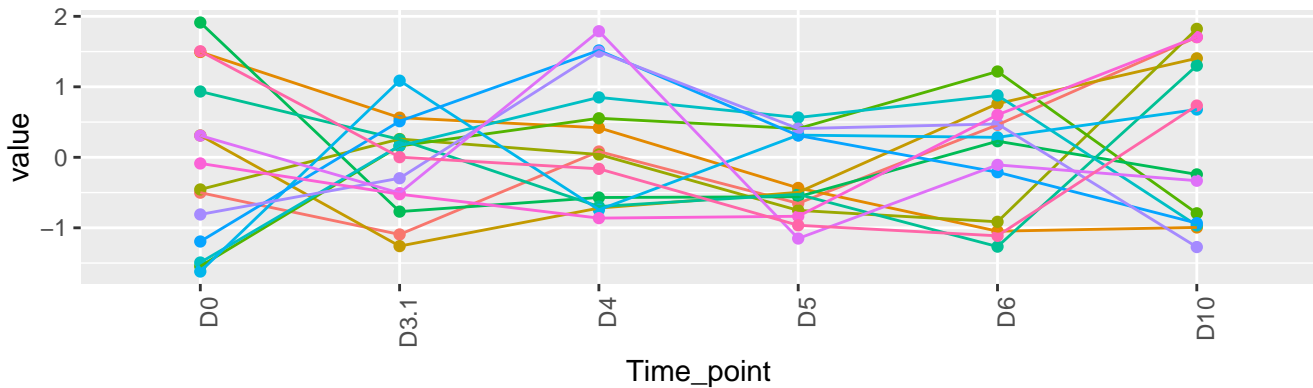
19 genes – WT-cluster-158-standardized



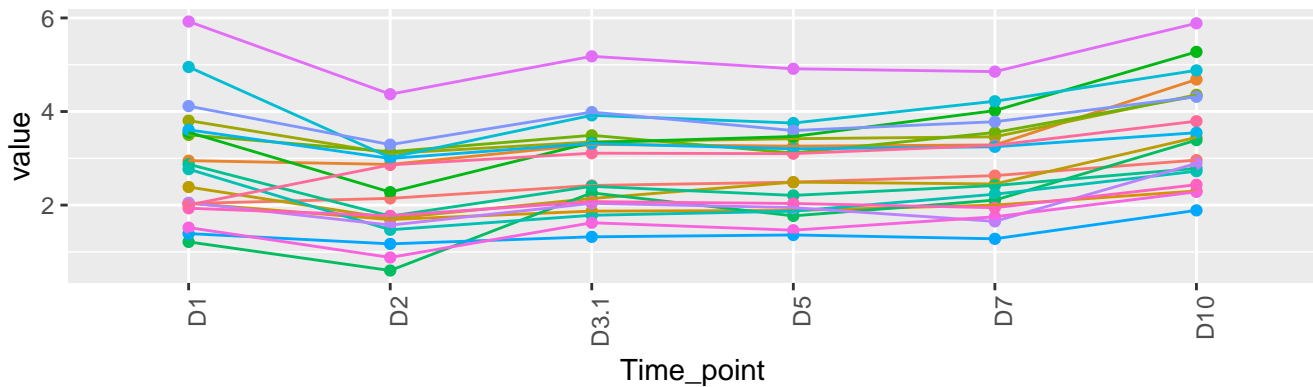
14 genes – KO-cluster-158-original



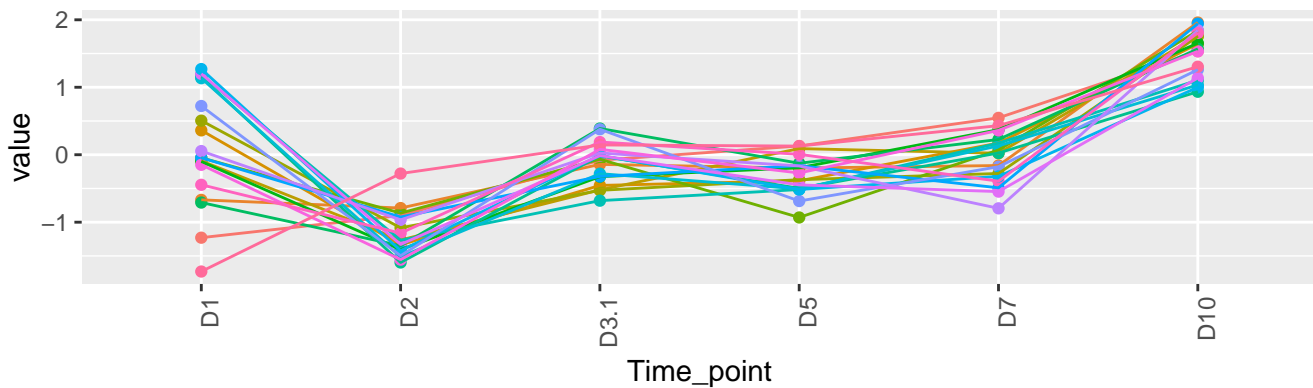
14 genes – KO-cluster-158-standardized



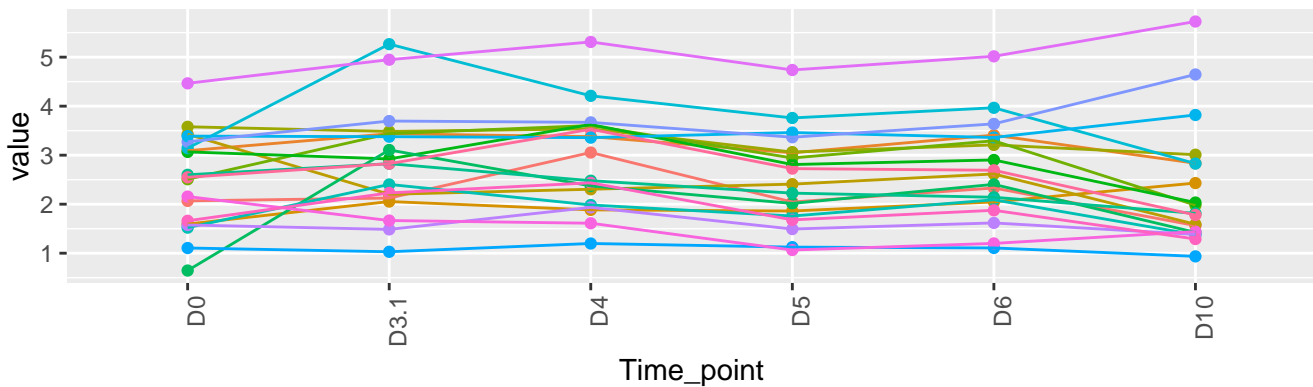
19 genes – WT-cluster-157-original



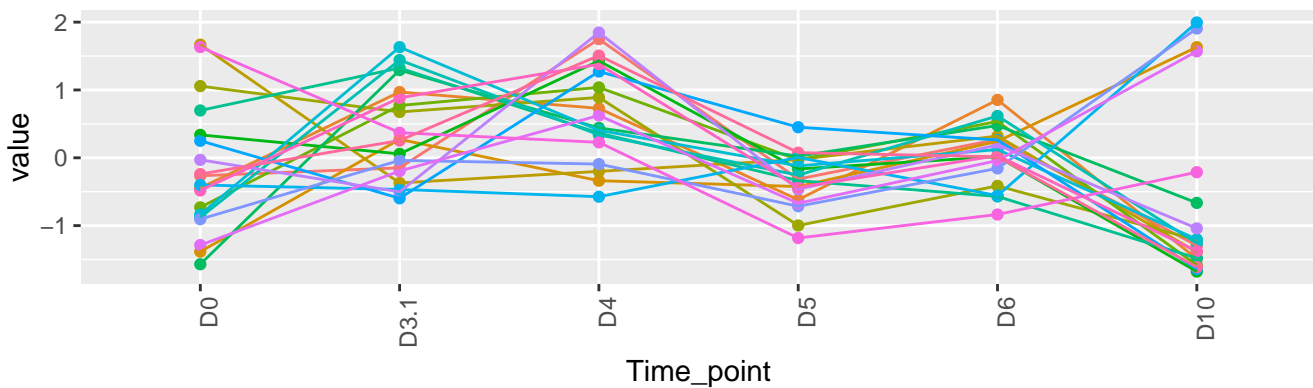
19 genes – WT-cluster-157-standardized



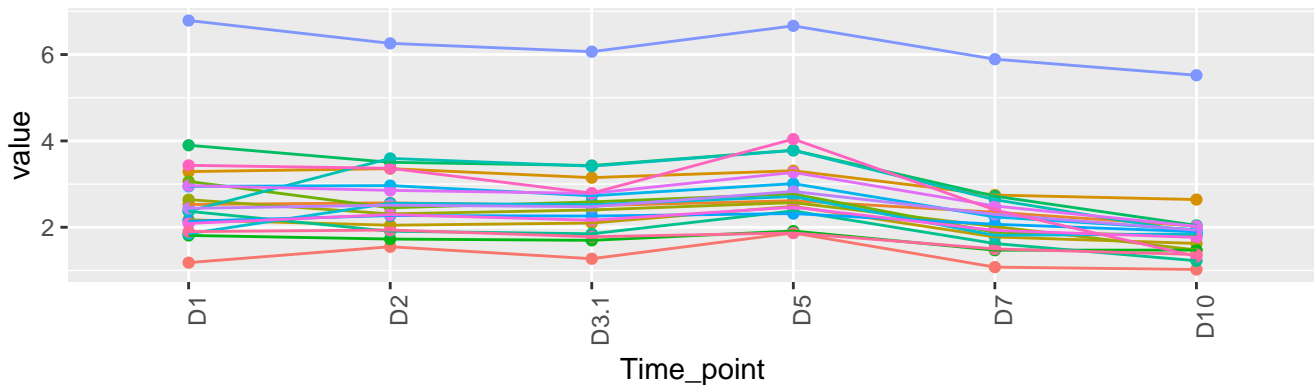
19 genes – KO-cluster-157-original



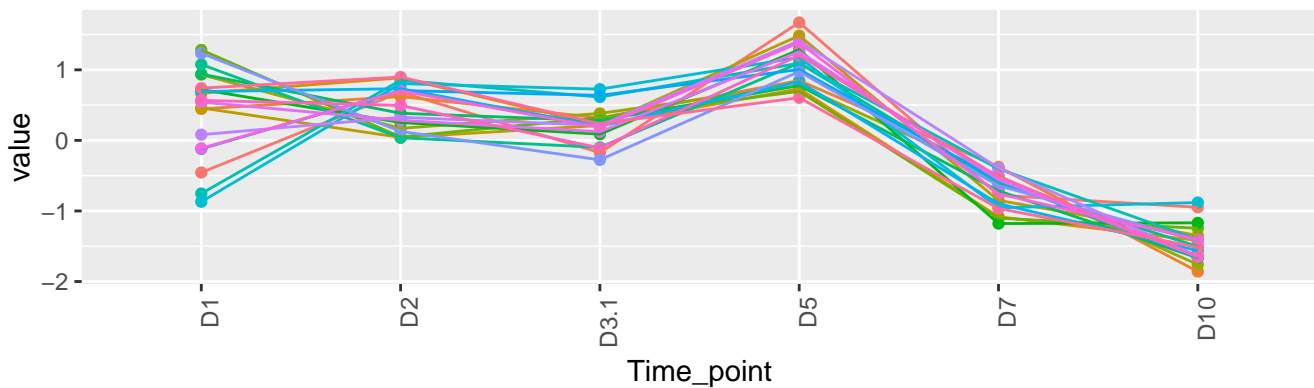
19 genes – KO-cluster-157-standardized



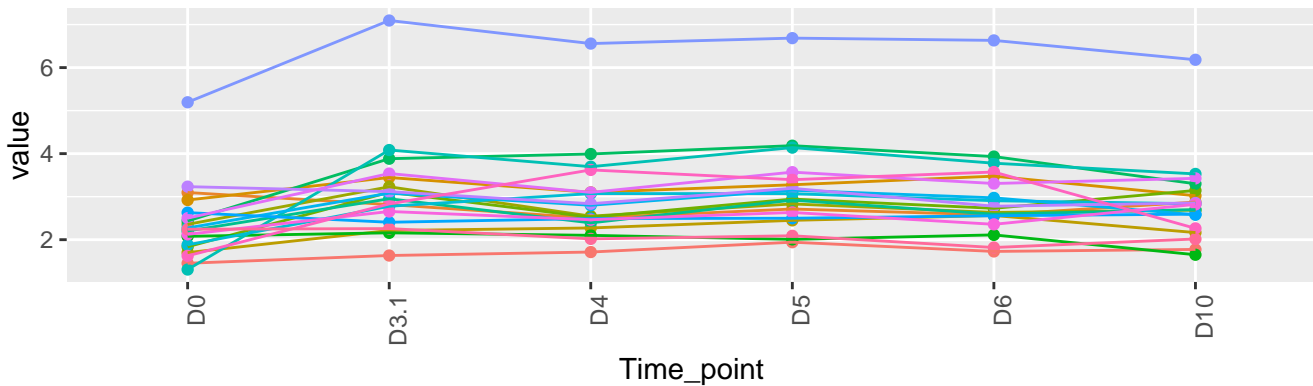
19 genes – WT-cluster-156-original



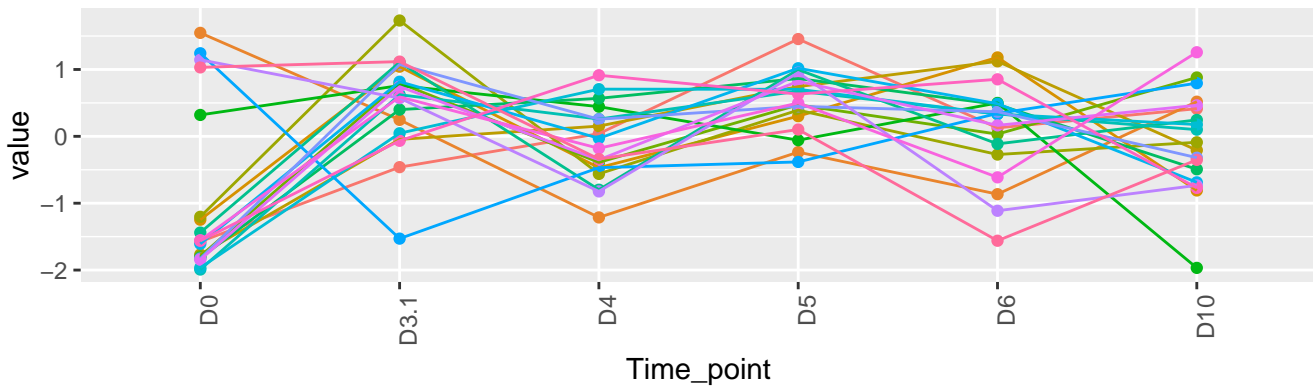
19 genes – WT-cluster-156-standardized



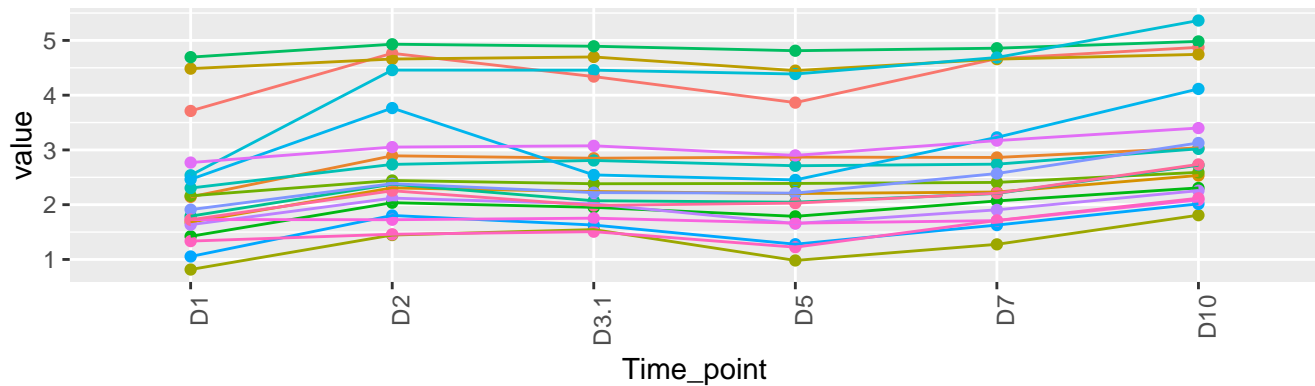
19 genes – KO-cluster-156-original



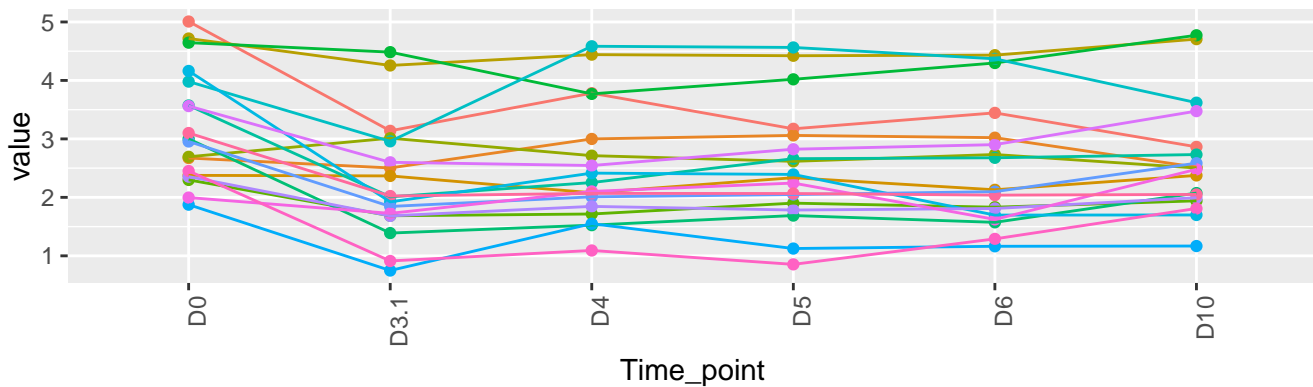
19 genes – KO-cluster-156-standardized



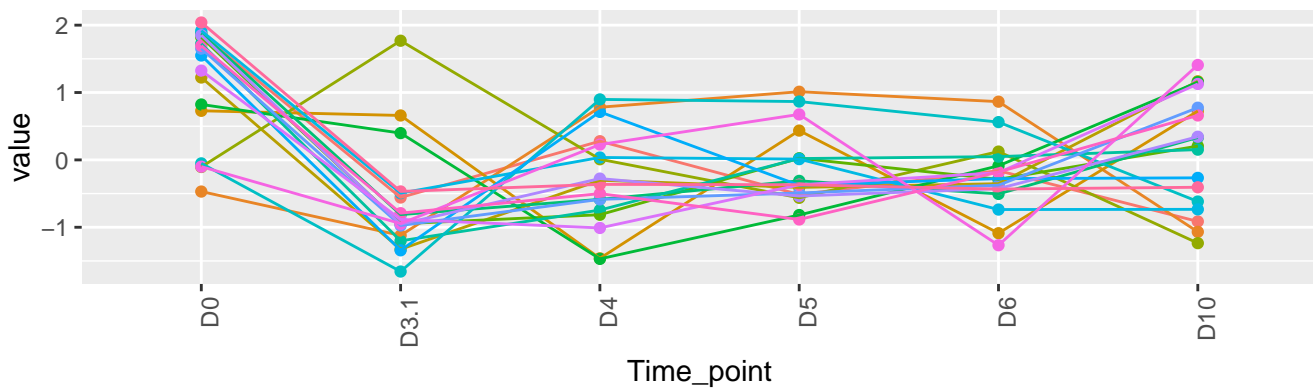
19 genes – WT-cluster-155-original



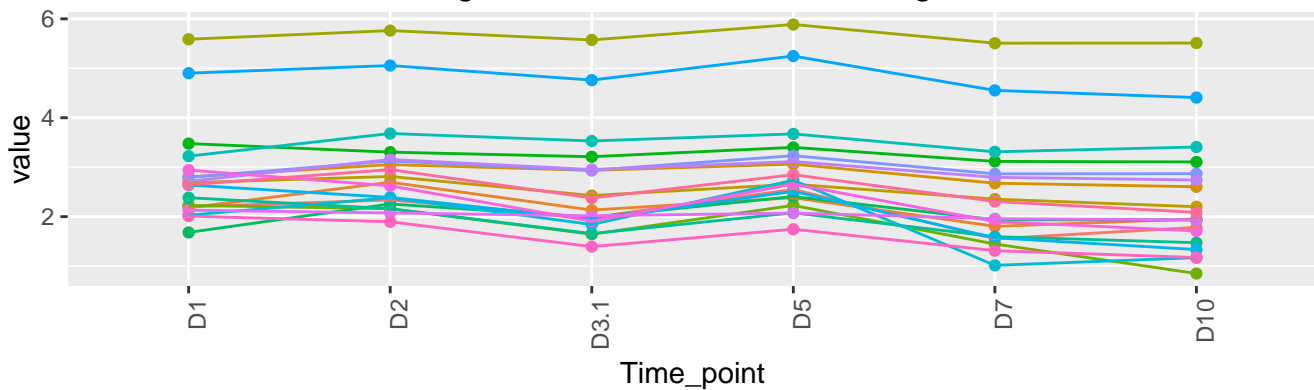
18 genes – KO-cluster-155-original



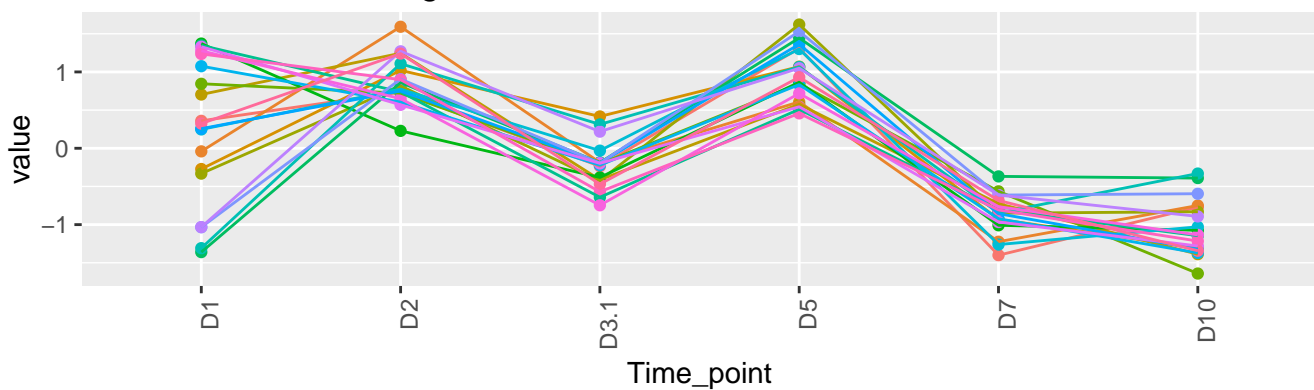
18 genes – KO-cluster-155-standardized



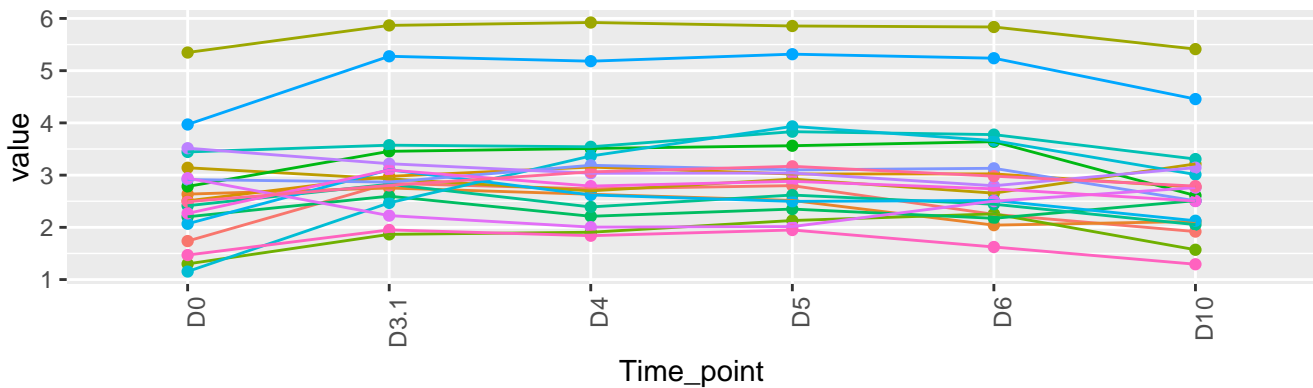
19 genes – WT-cluster-154-original



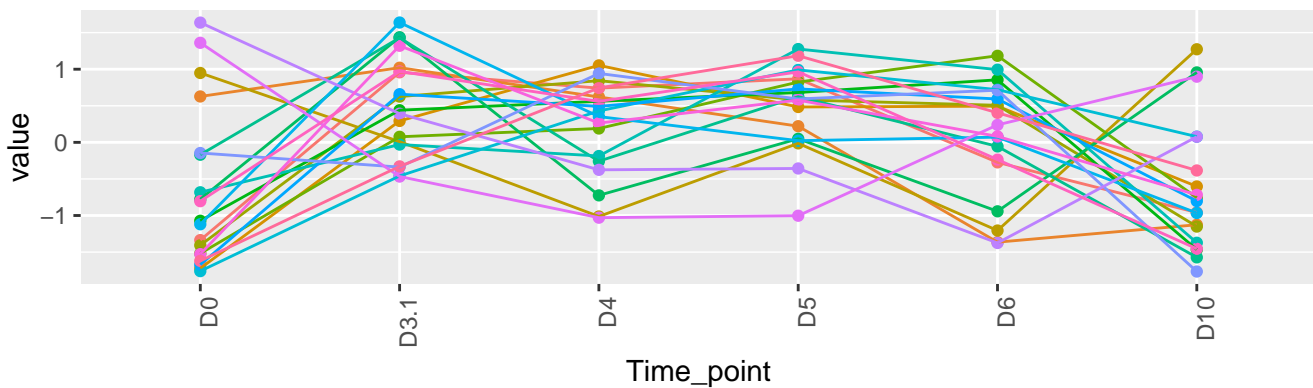
19 genes – WT-cluster-154-standardized



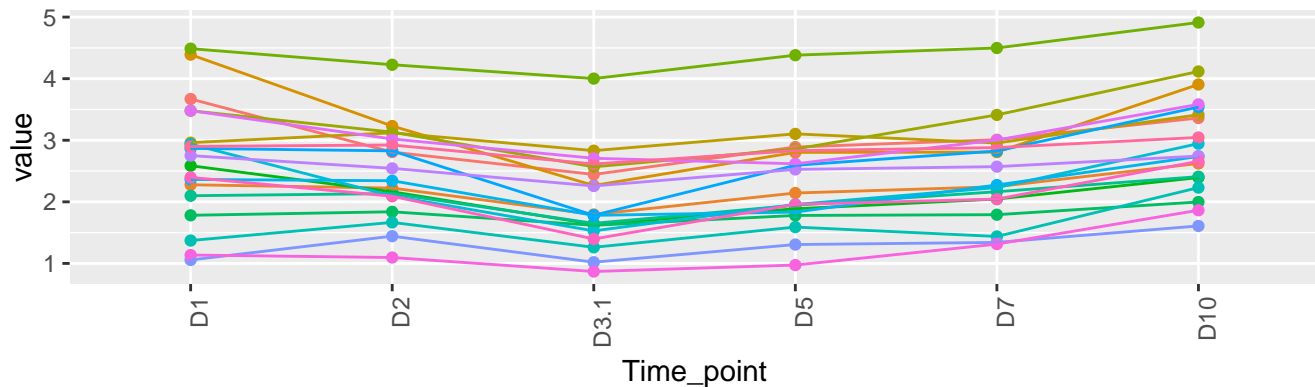
19 genes – KO-cluster-154–original



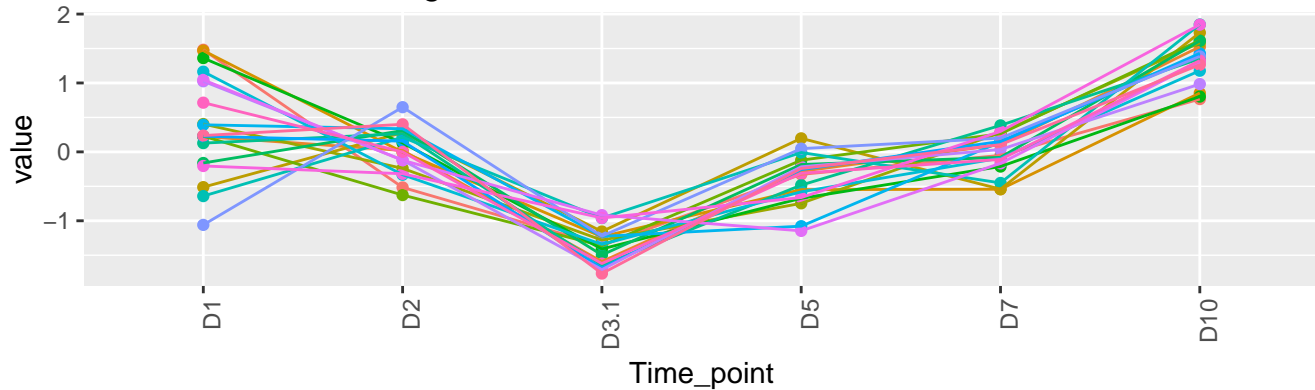
19 genes – KO-cluster-154–standardized



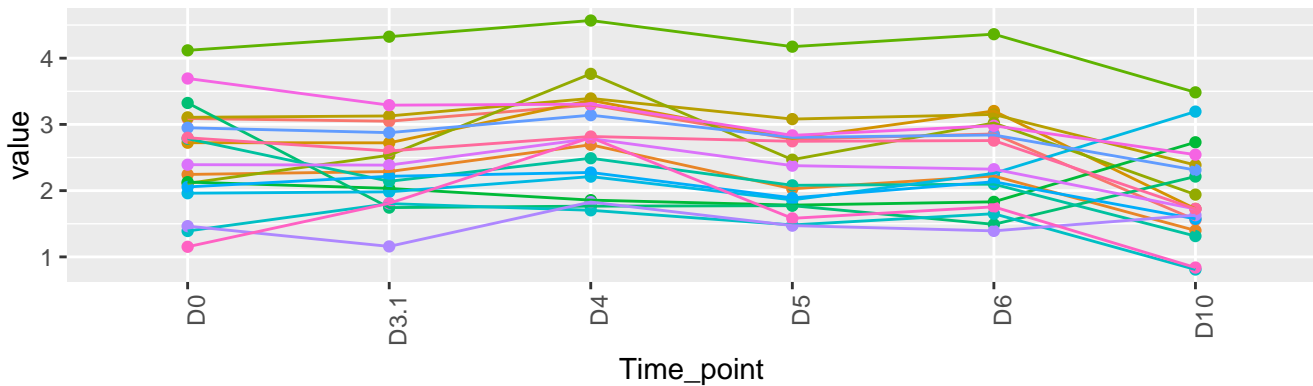
19 genes – WT-cluster-153-original



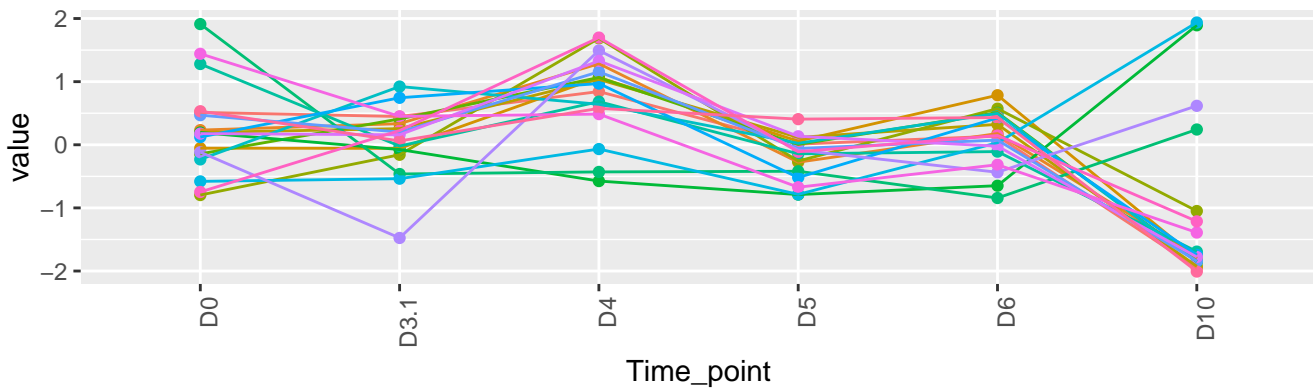
19 genes – WT-cluster-153-standardized



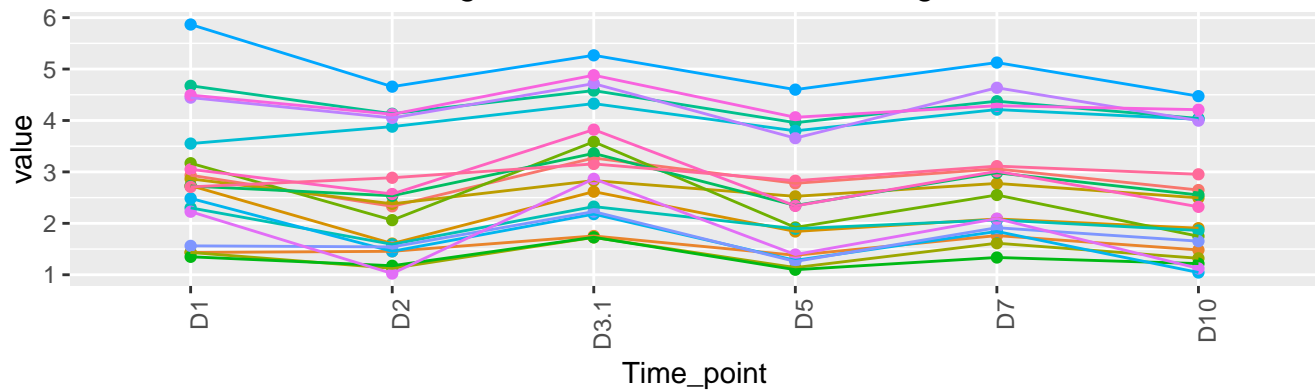
18 genes – KO-cluster-153-original



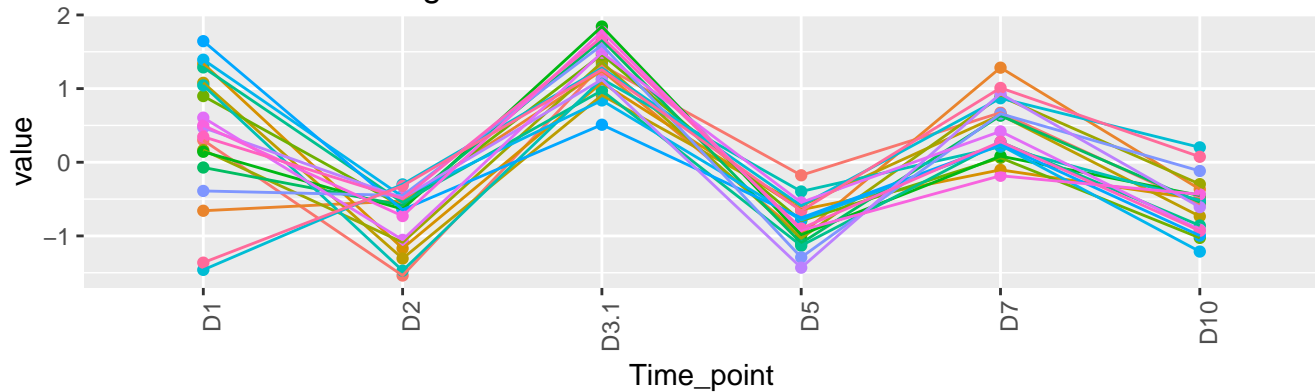
18 genes – KO-cluster-153-standardized



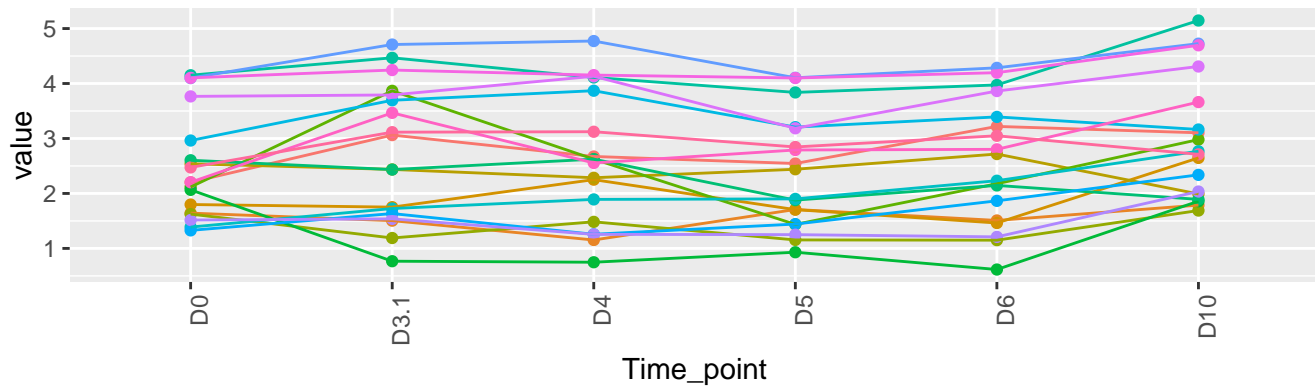
19 genes – WT-cluster-152-original



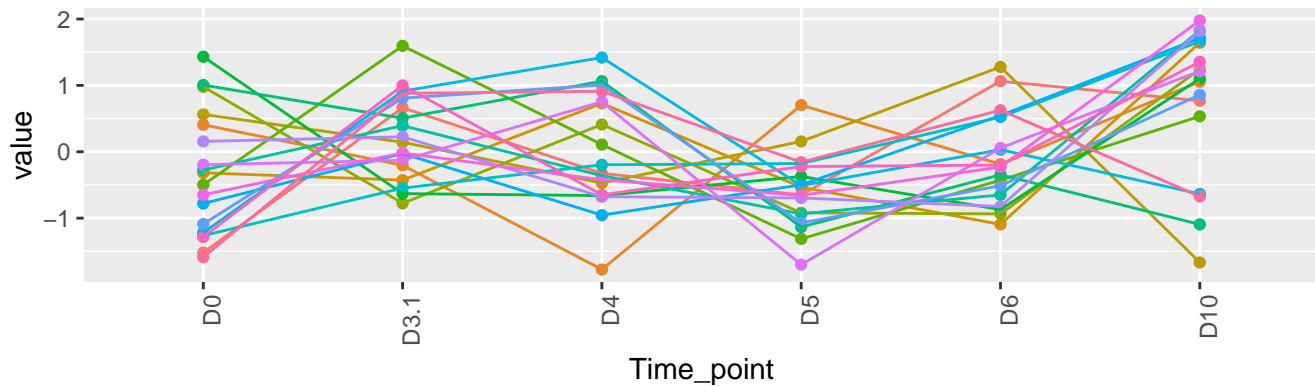
19 genes – WT-cluster-152-standardized



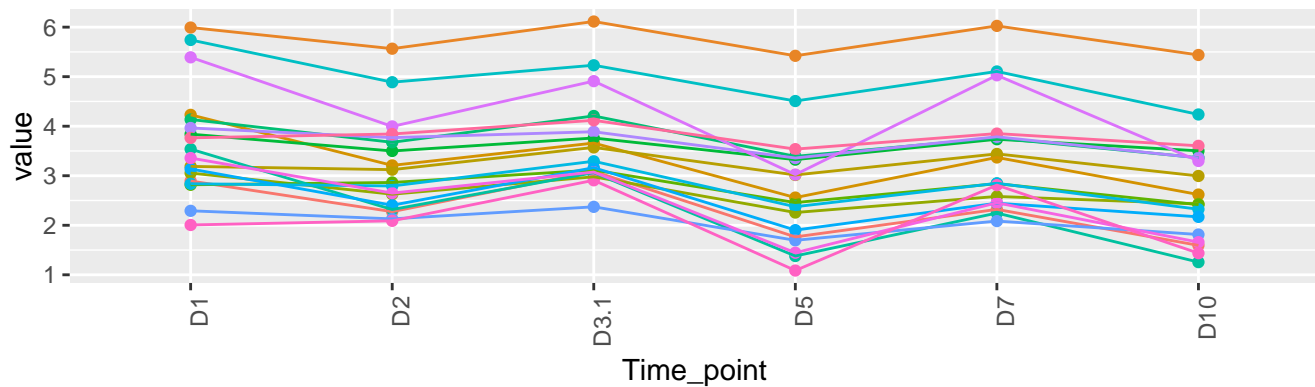
18 genes – KO-cluster-152-original



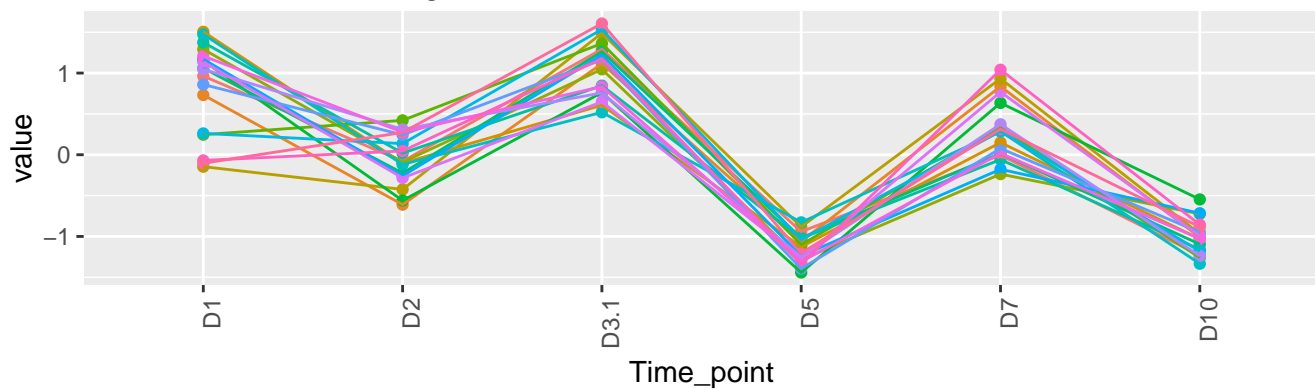
18 genes – KO-cluster-152-standardized



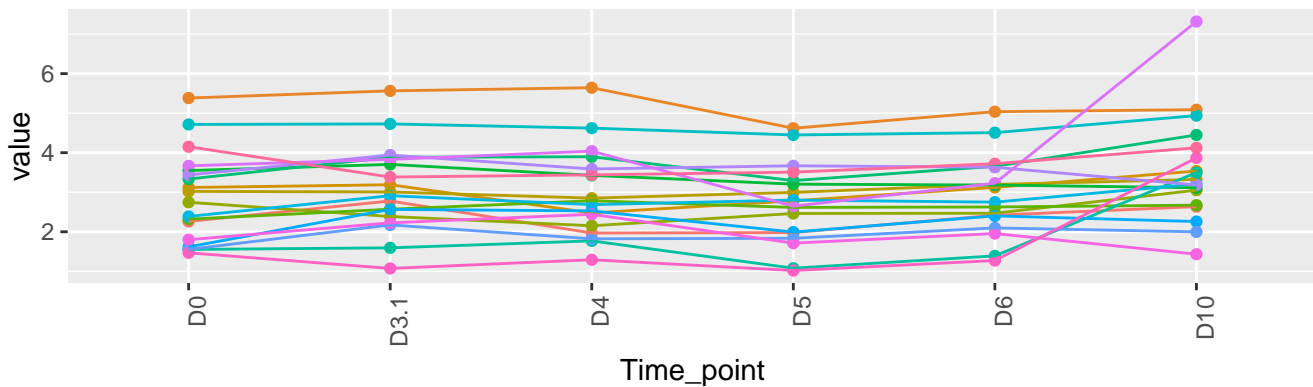
18 genes – WT-cluster-151-original



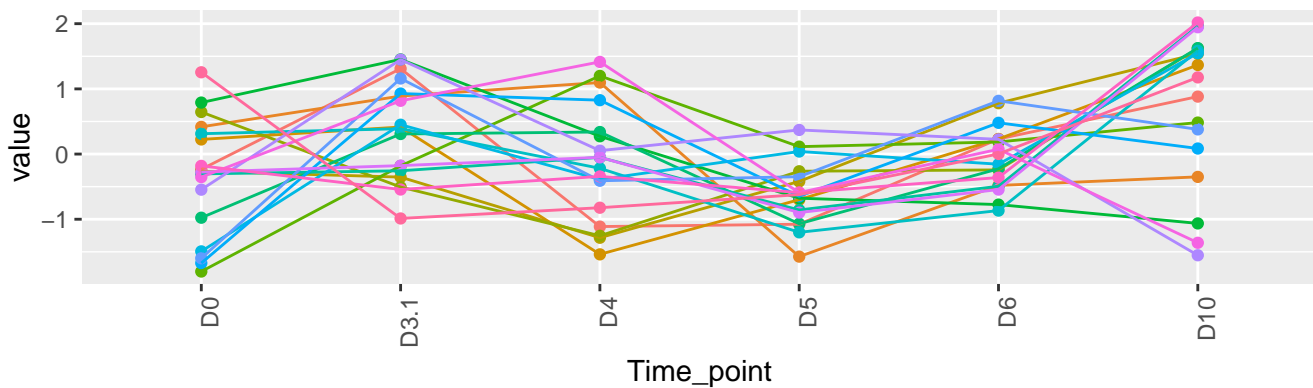
18 genes – WT-cluster-151-standardized



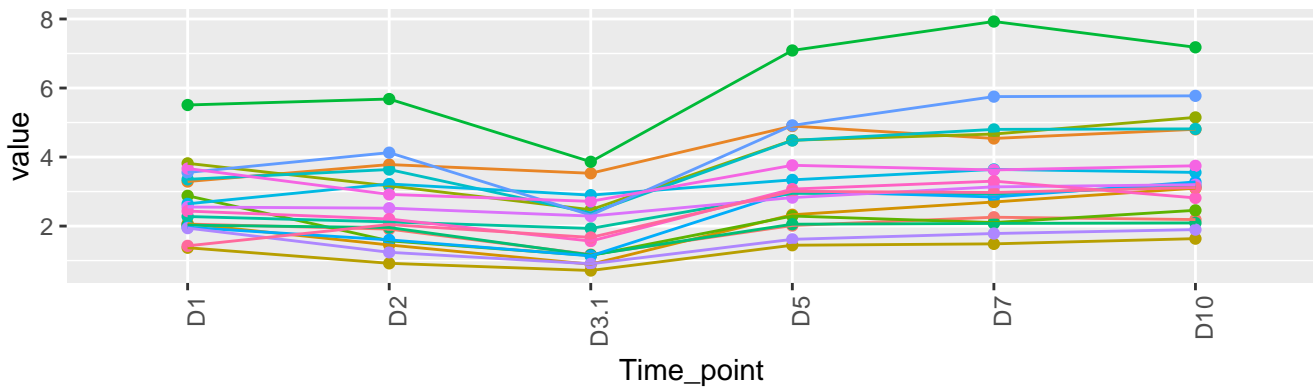
18 genes – KO-cluster-151-original



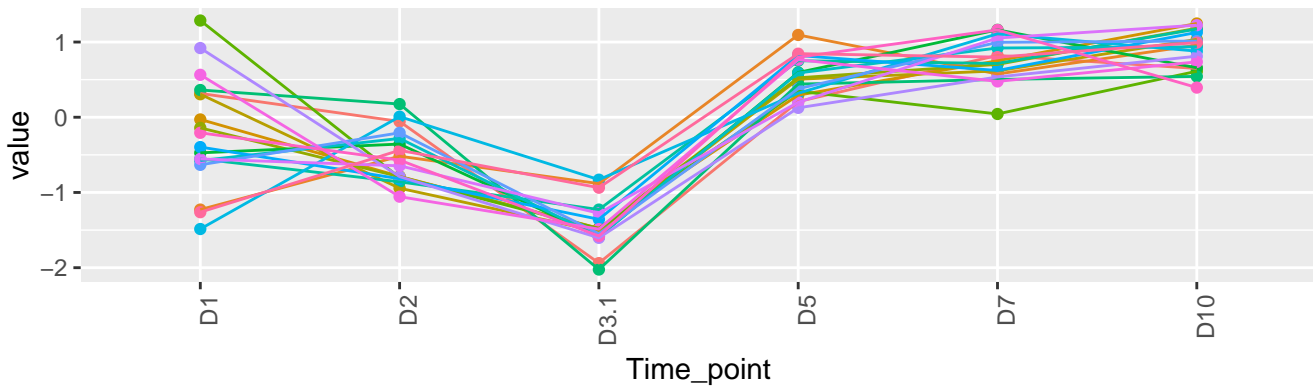
18 genes – KO-cluster-151-standardized



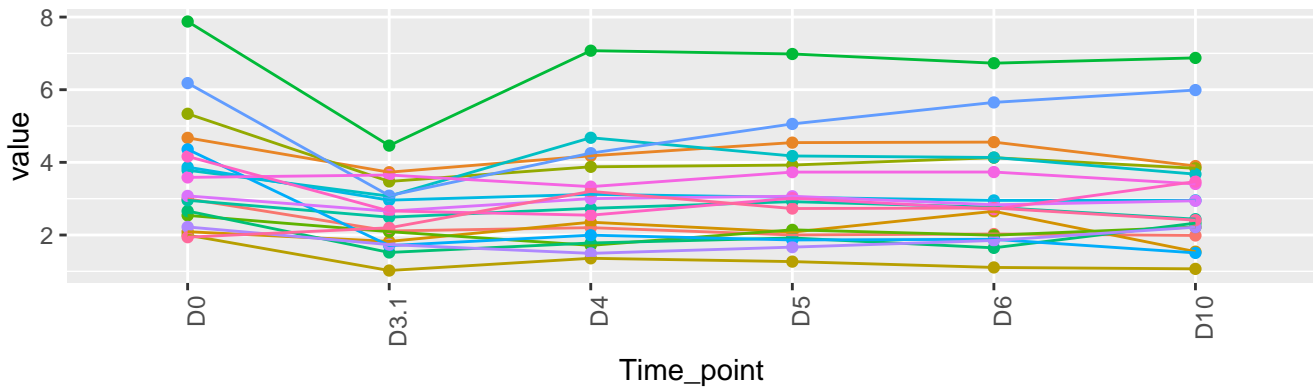
18 genes – WT-cluster-150-original



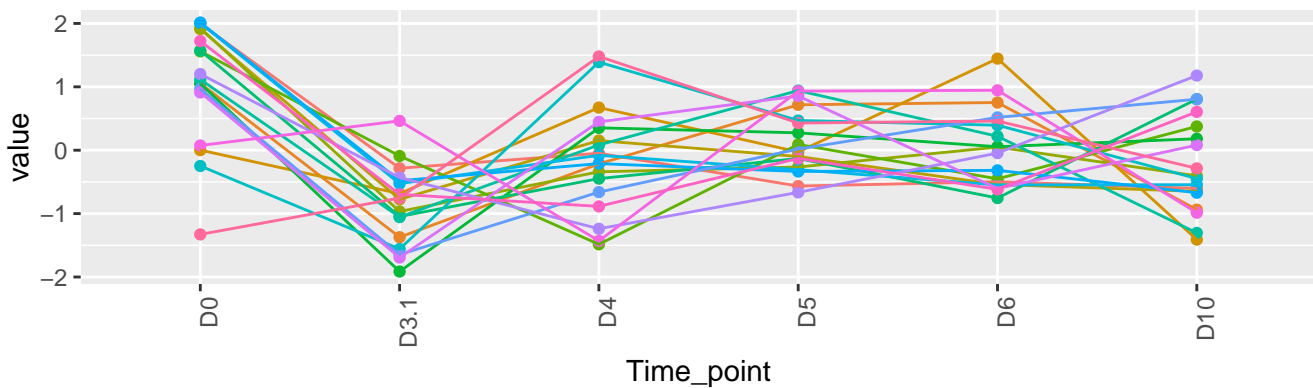
18 genes – WT-cluster-150-standardized



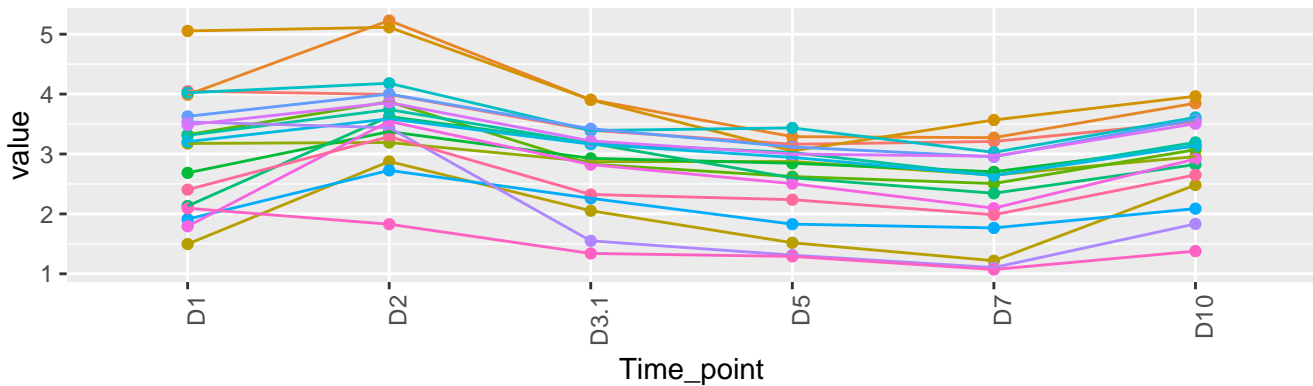
18 genes – KO-cluster-150-original



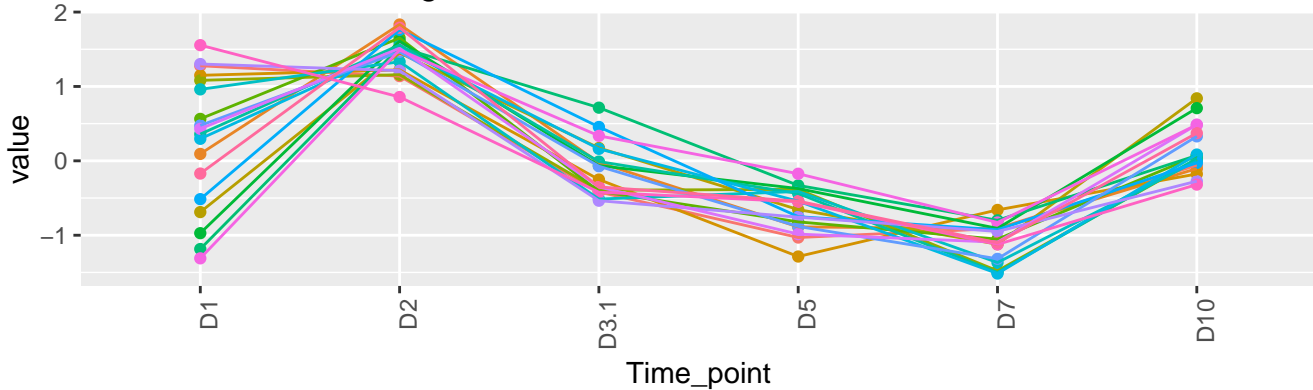
18 genes – KO-cluster-150-standardized



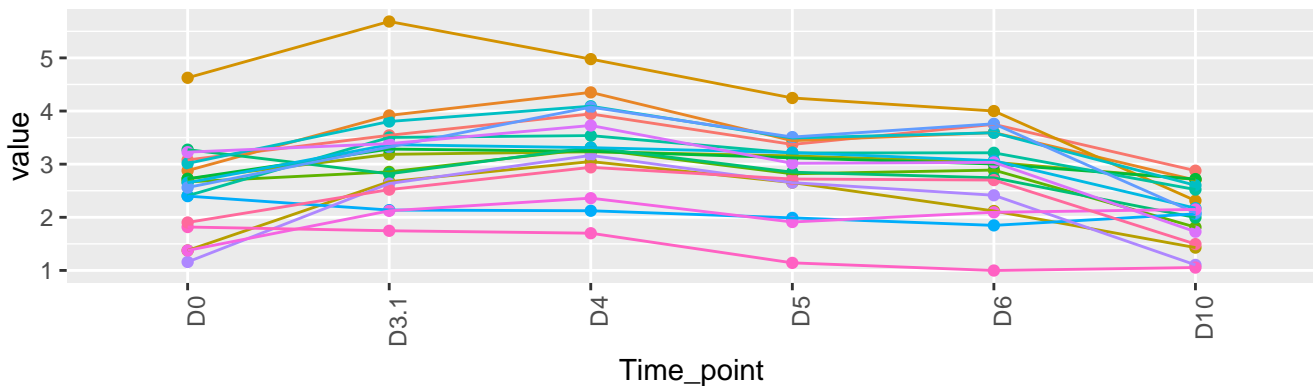
18 genes – WT-cluster-149-original



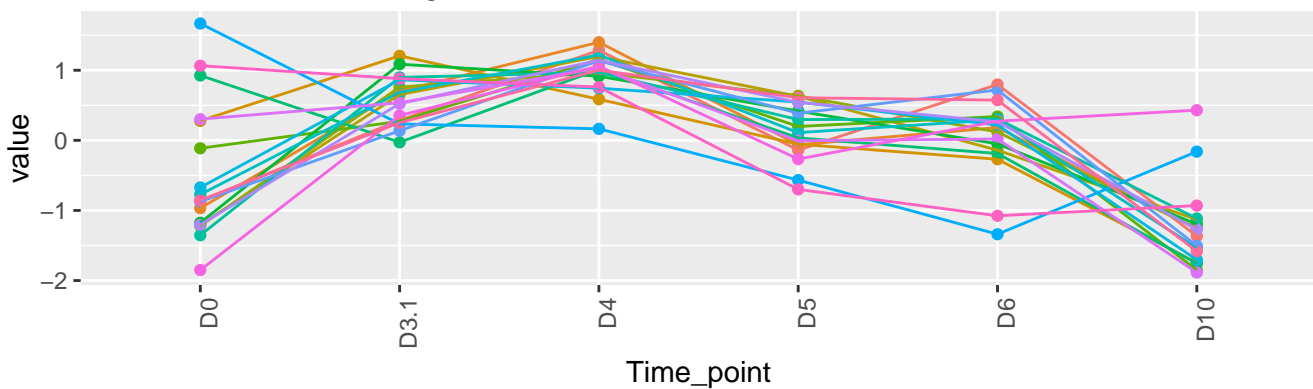
18 genes – WT-cluster-149-standardized



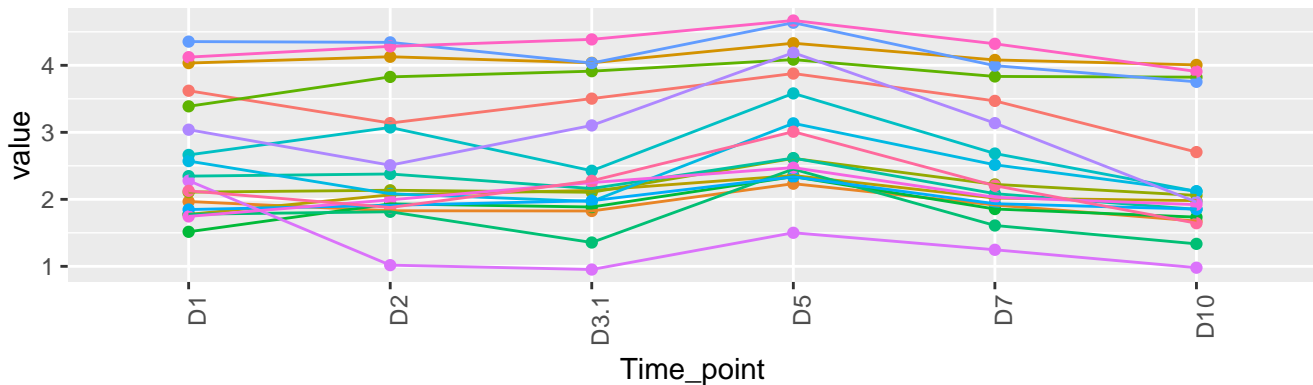
18 genes – KO-cluster-149-original



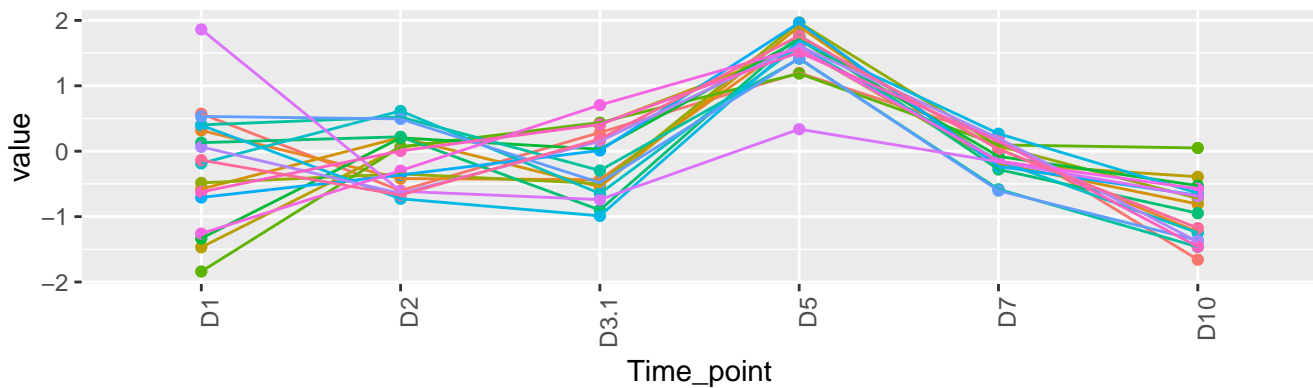
18 genes – KO-cluster-149-standardized



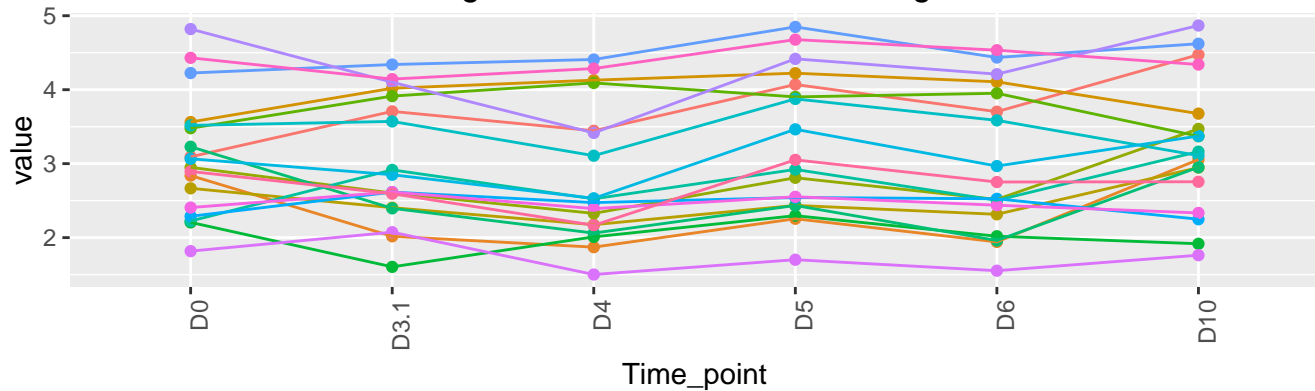
18 genes – WT-cluster-148-original



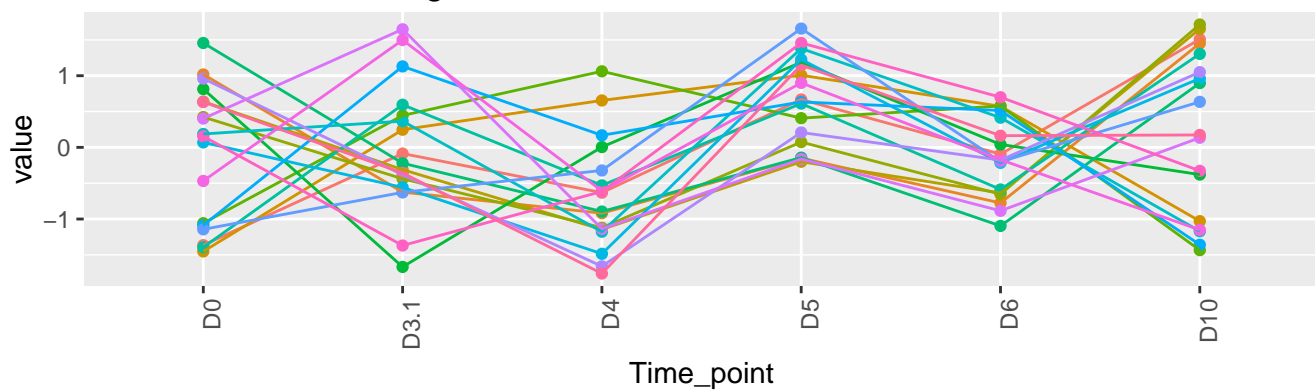
18 genes – WT-cluster-148-standardized



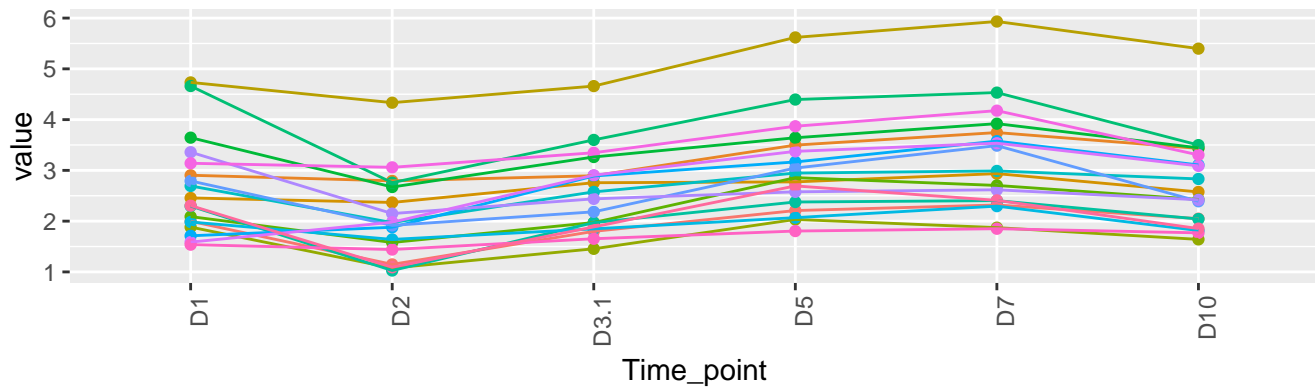
18 genes – KO-cluster-148-original



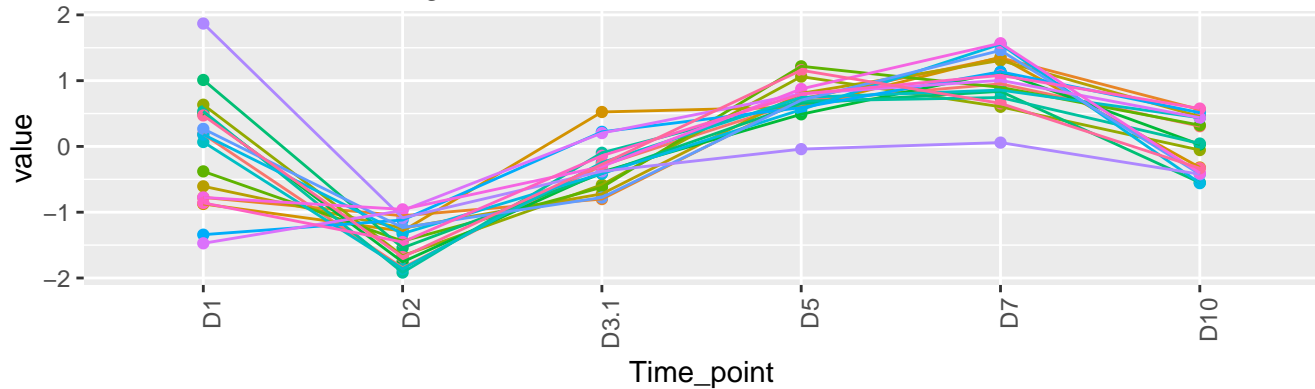
18 genes – KO-cluster-148-standardized



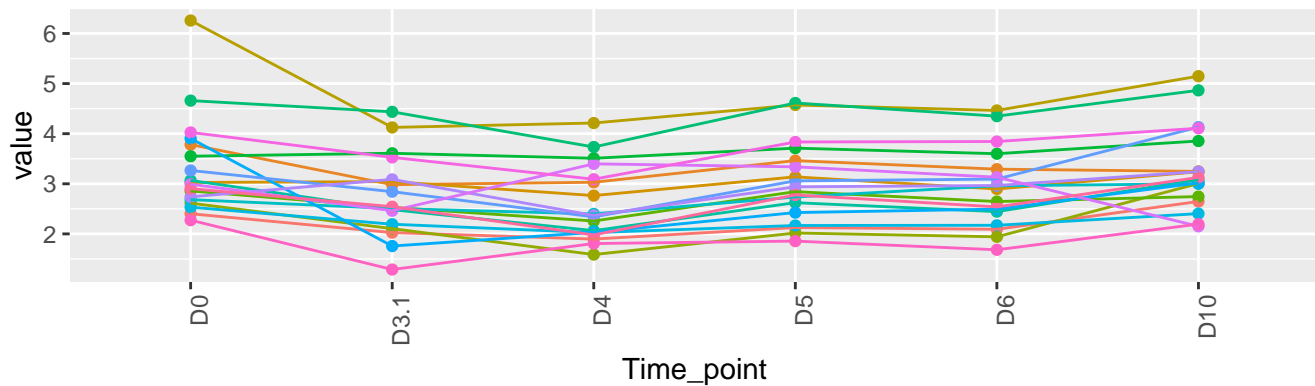
18 genes – WT-cluster-147-original



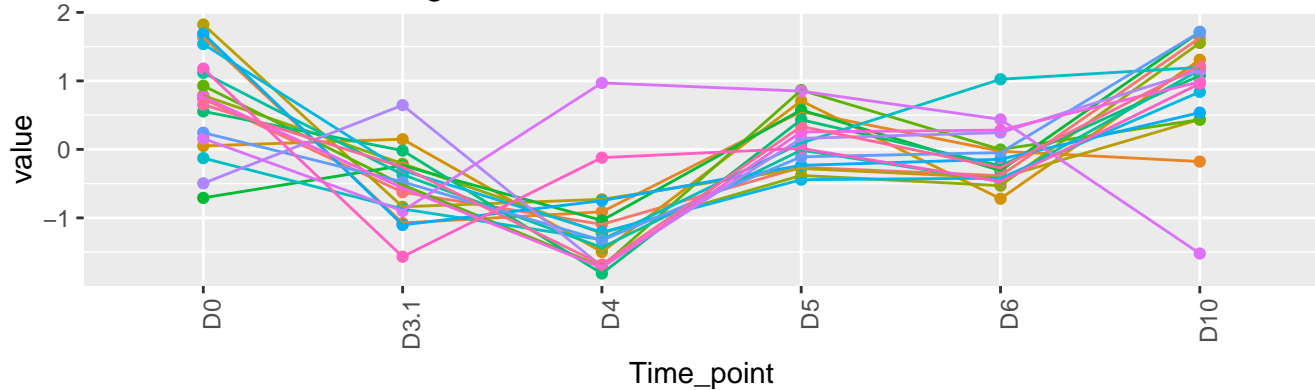
18 genes – WT-cluster-147-standardized



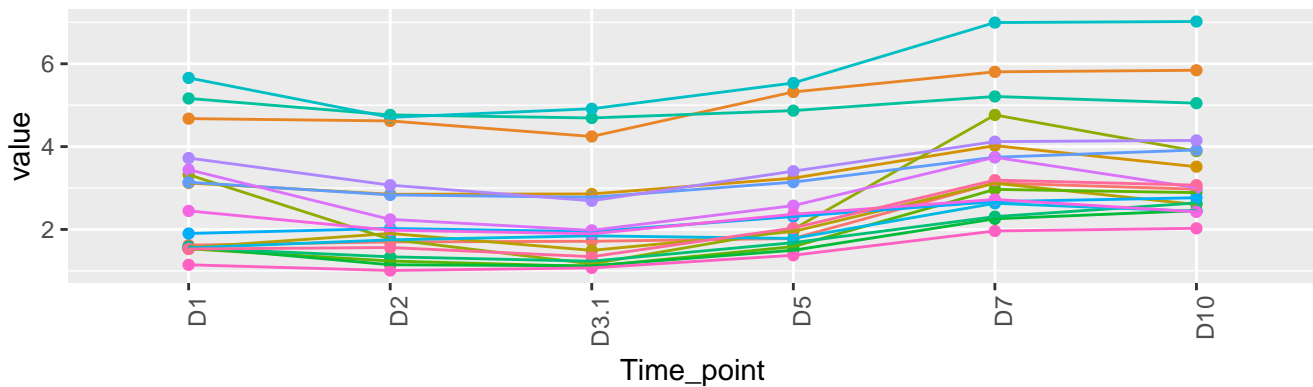
18 genes – KO-cluster-147-original



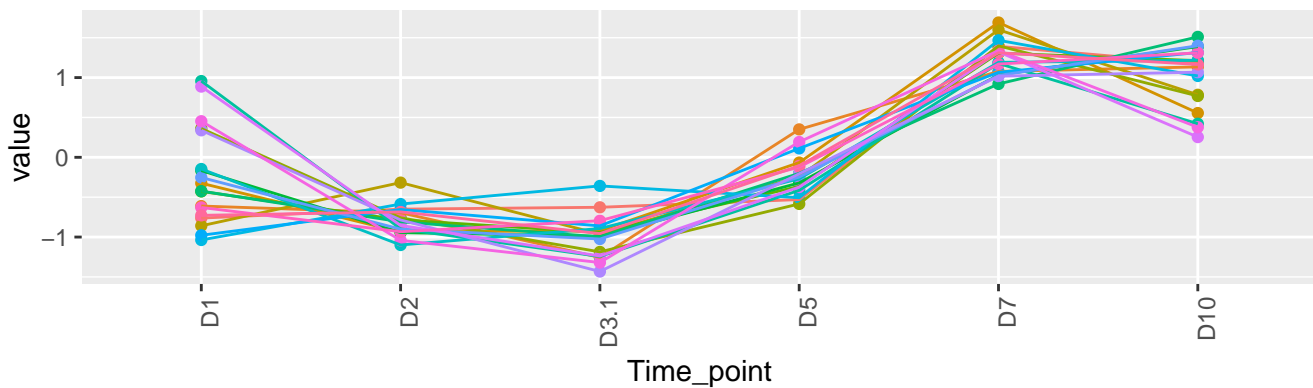
18 genes – KO-cluster-147-standardized



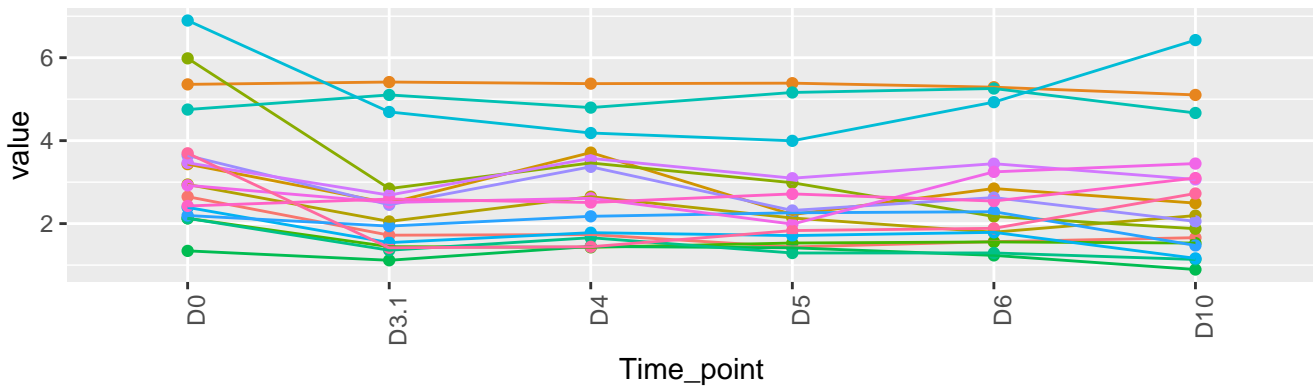
18 genes – WT-cluster-146-original



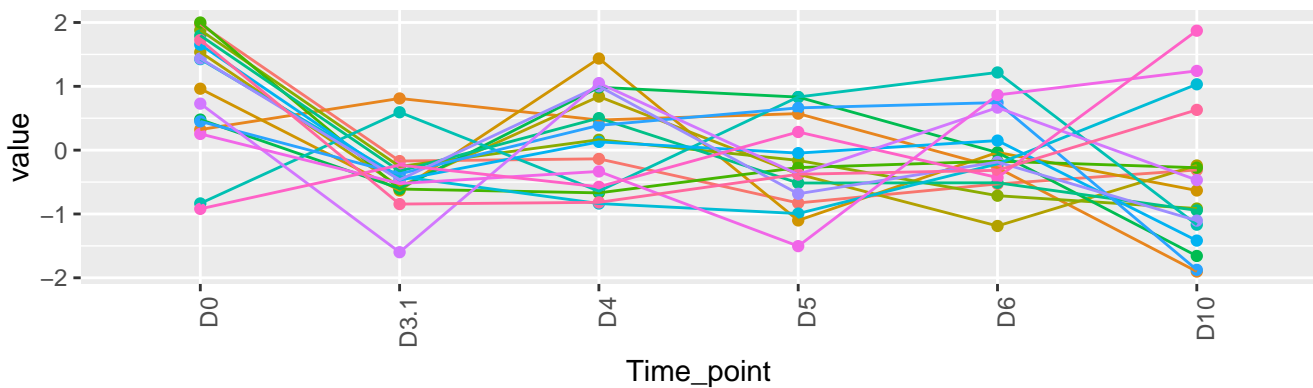
18 genes – WT-cluster-146-standardized



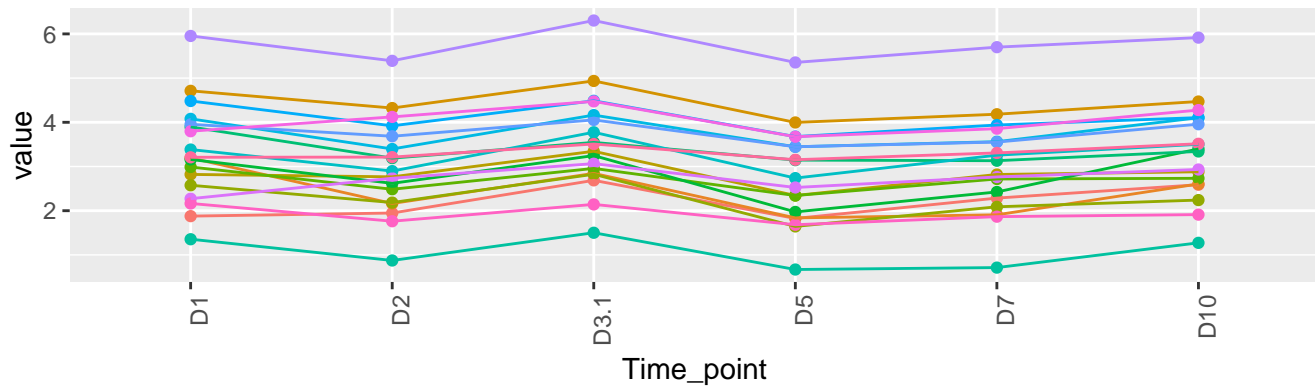
17 genes – KO-cluster-146-original



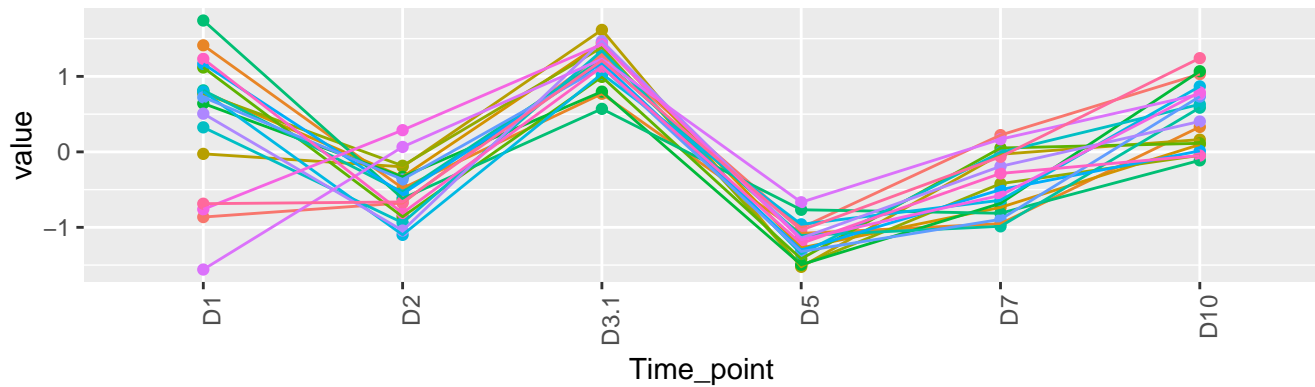
17 genes – KO-cluster-146-standardized



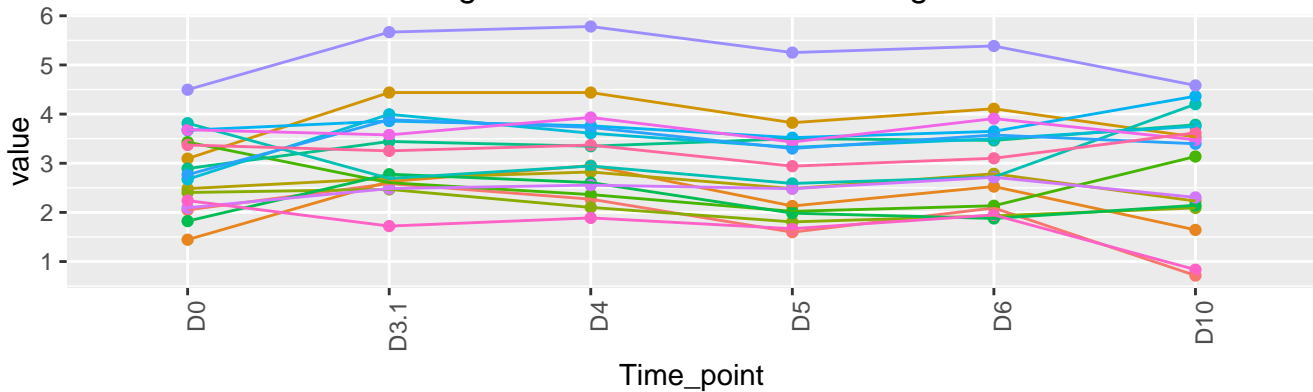
18 genes – WT-cluster-145-original



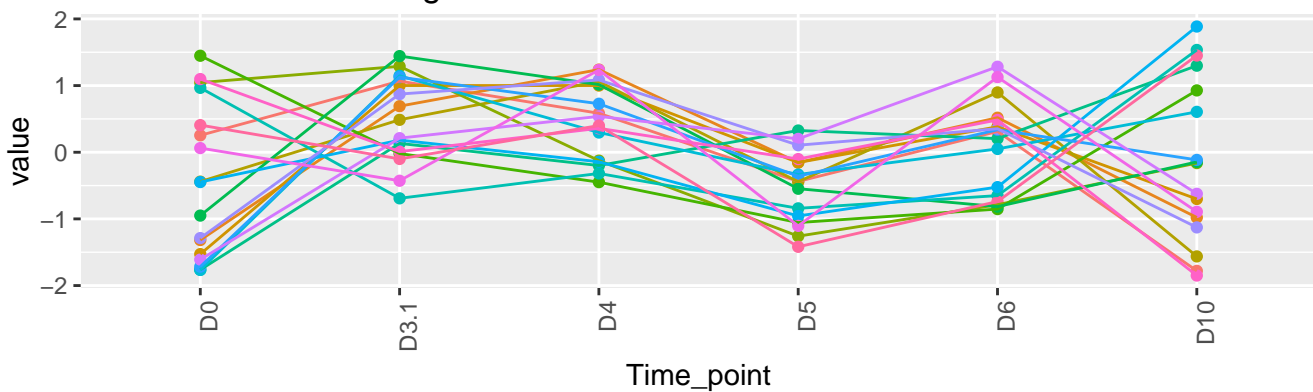
18 genes – WT-cluster-145-standardized



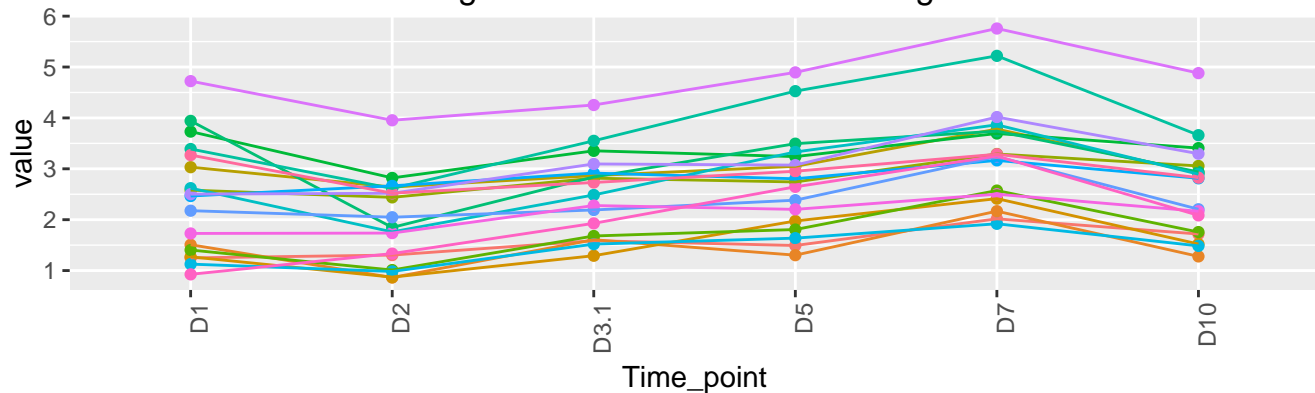
17 genes – KO-cluster-145-original



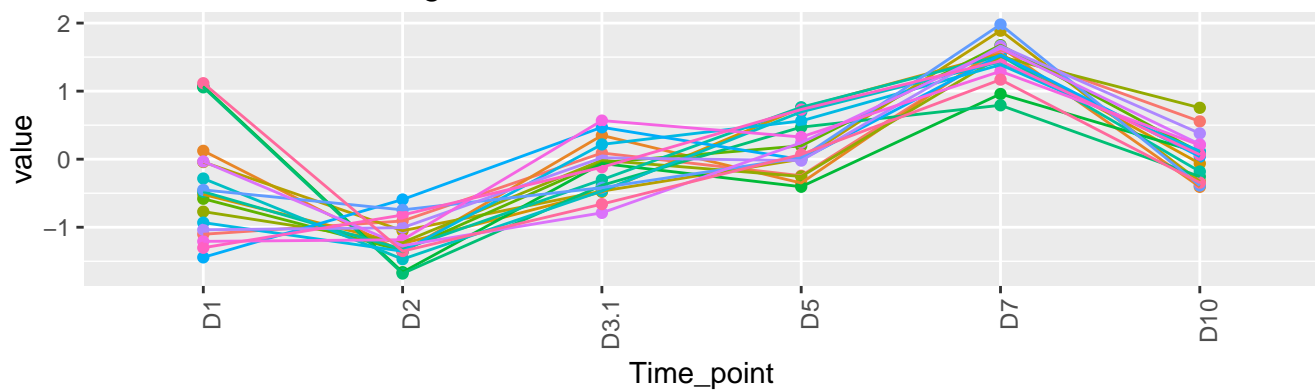
17 genes – KO-cluster-145-standardized



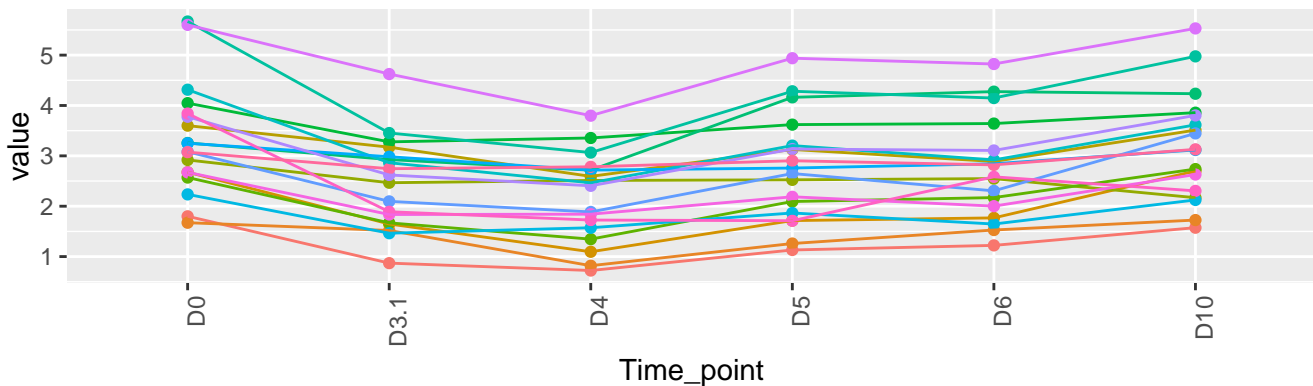
18 genes – WT-cluster-144-original



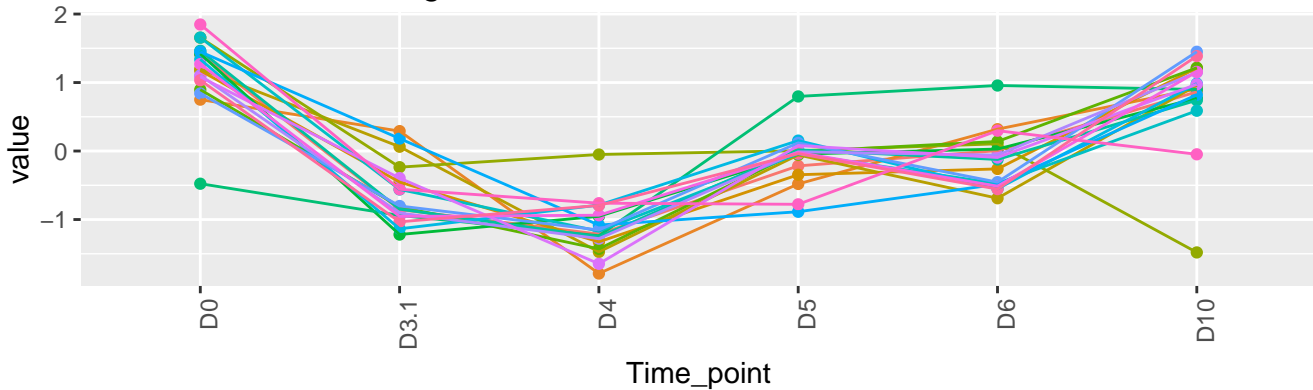
18 genes – WT-cluster-144-standardized



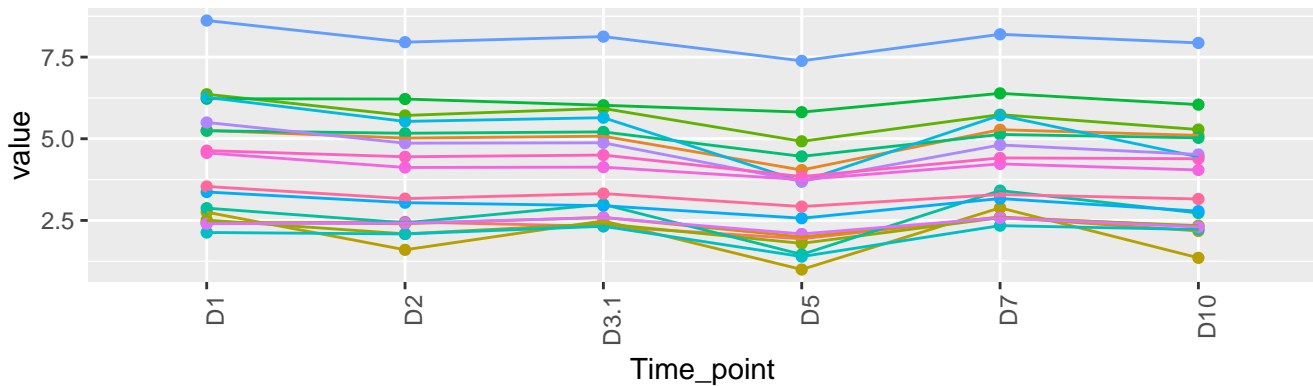
18 genes – KO-cluster-144-original



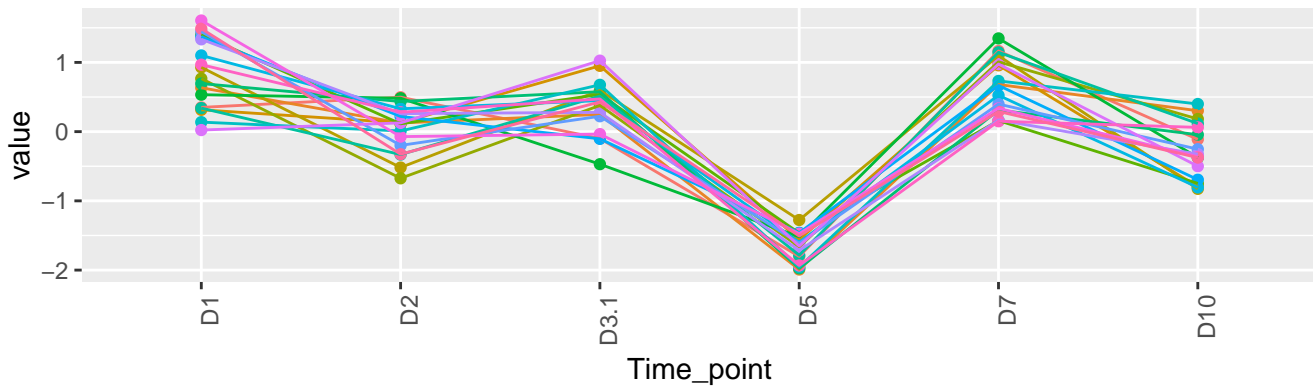
18 genes – KO-cluster-144-standardized



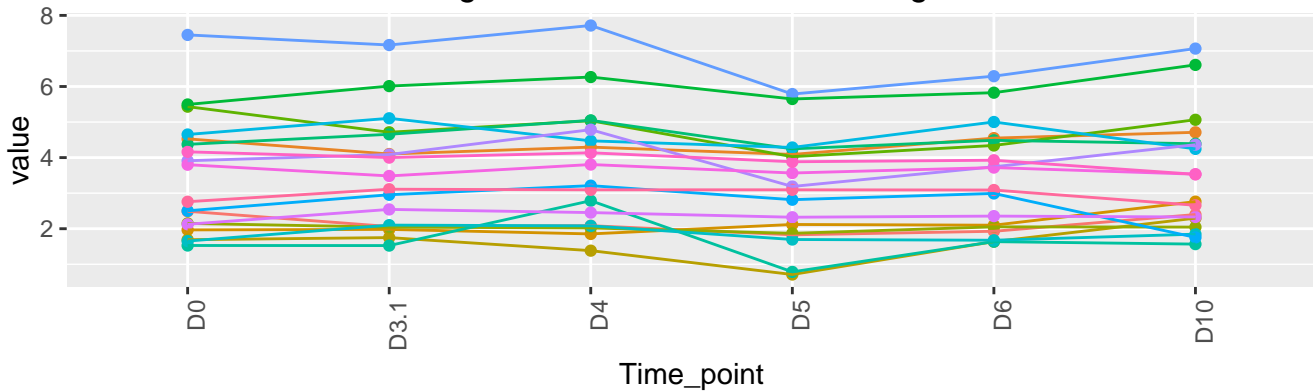
18 genes – WT-cluster-143-original



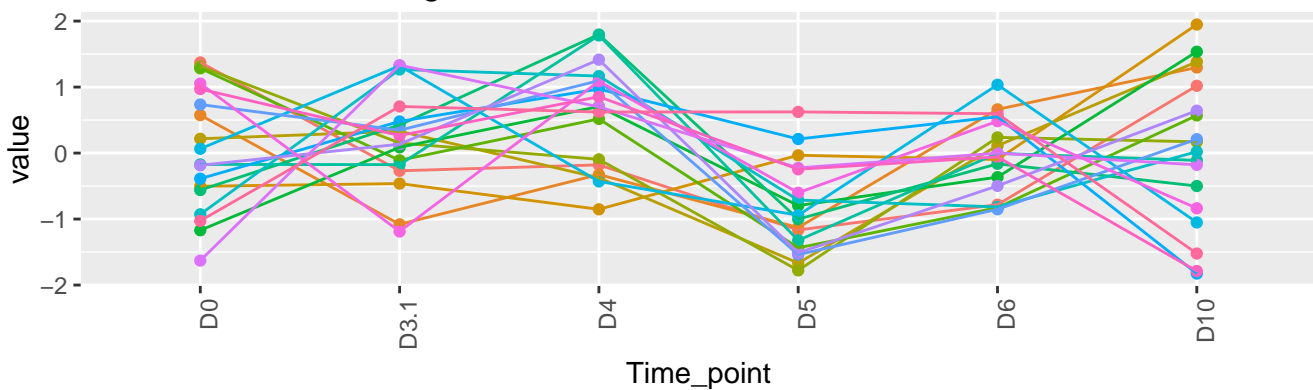
18 genes – WT-cluster-143-standardized



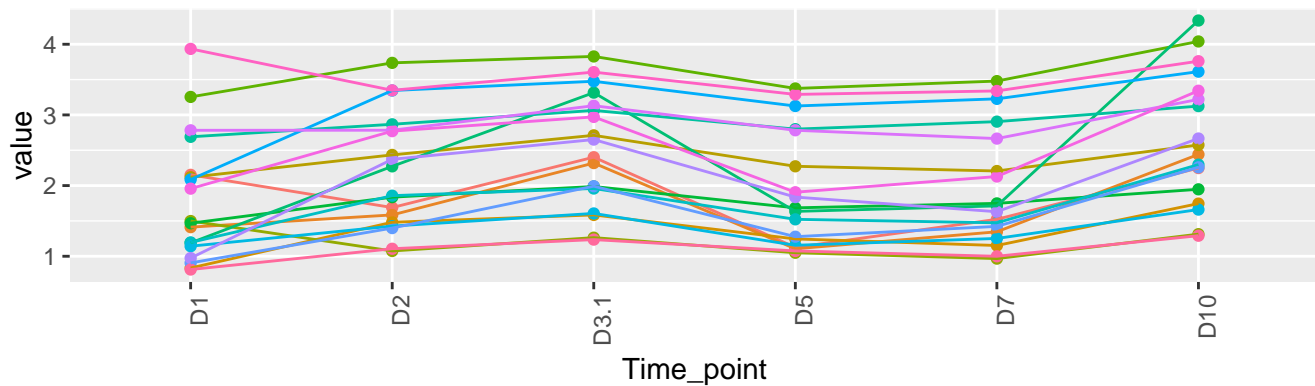
18 genes – KO-cluster-143-original



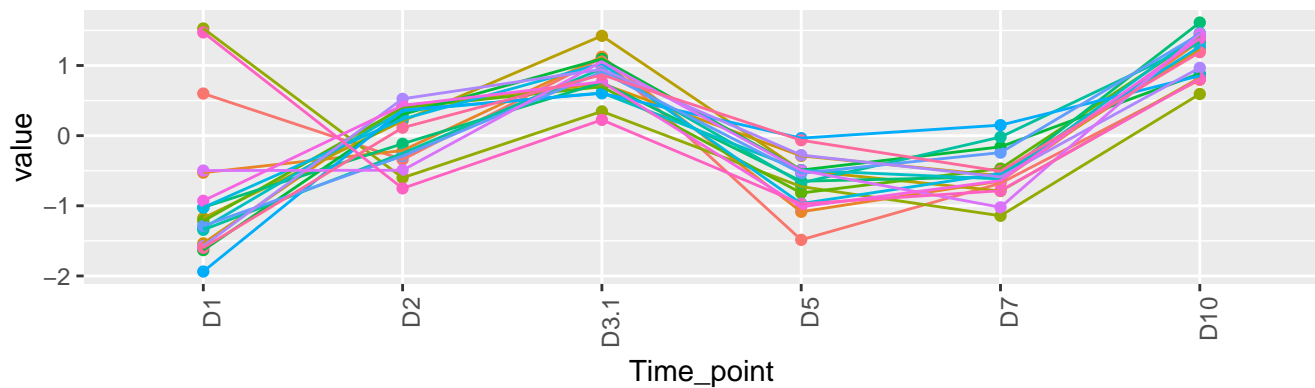
18 genes – KO-cluster-143-standardized



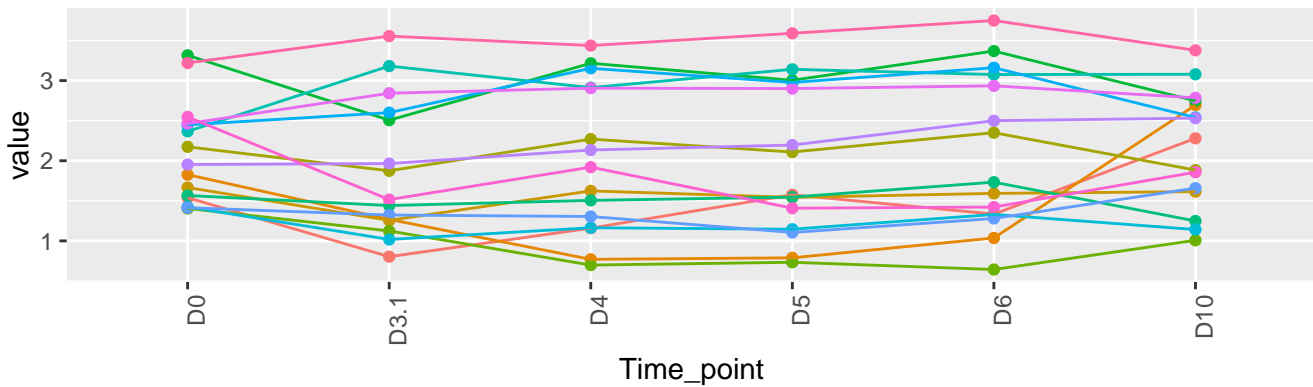
18 genes – WT-cluster-142-original



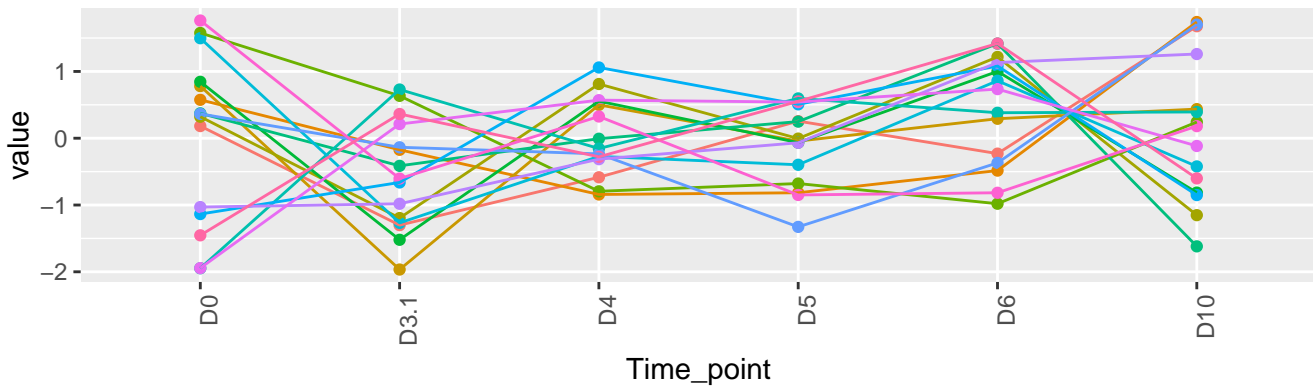
18 genes – WT-cluster-142-standardized



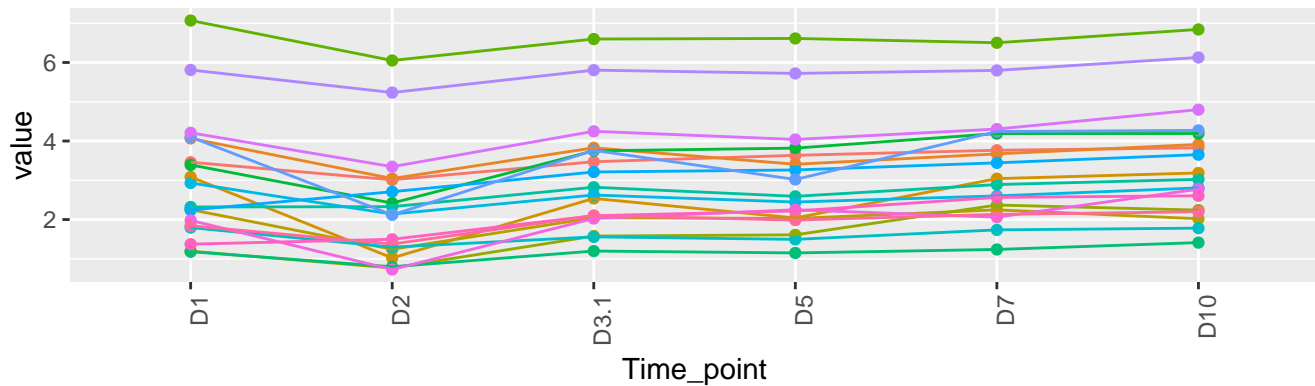
15 genes – KO-cluster-142-original



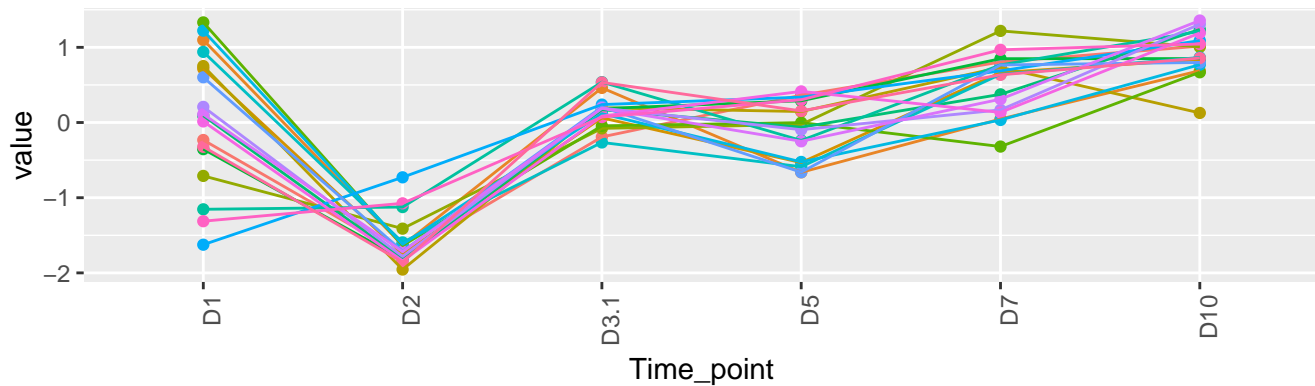
15 genes – KO-cluster-142-standardized



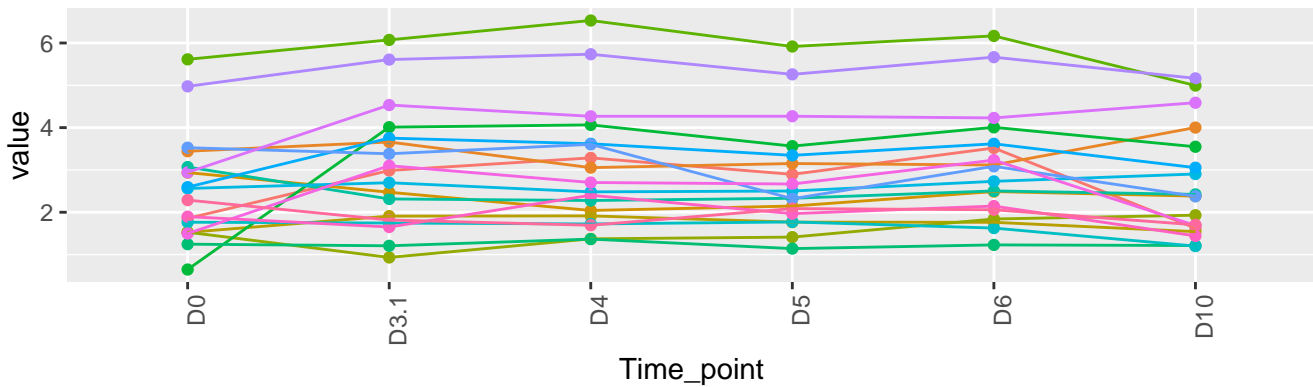
18 genes – WT-cluster-141-original



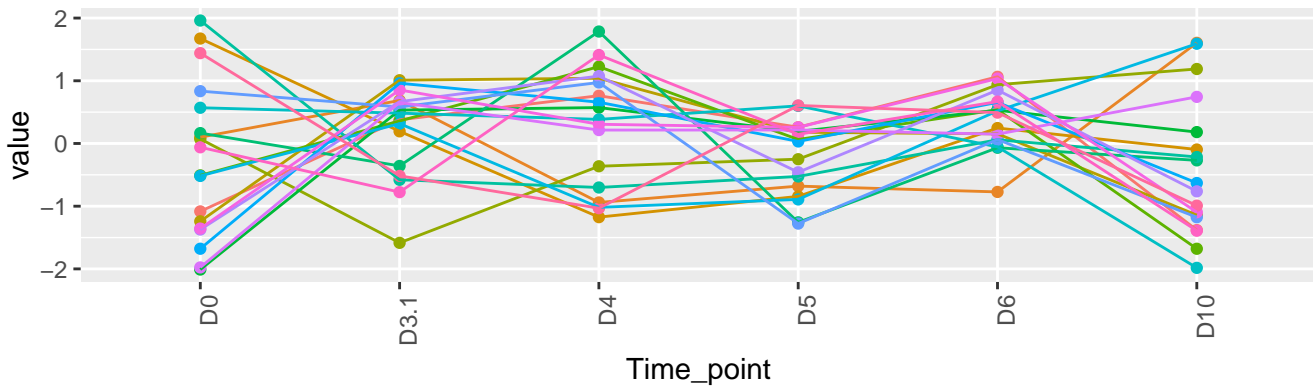
18 genes – WT-cluster-141-standardized



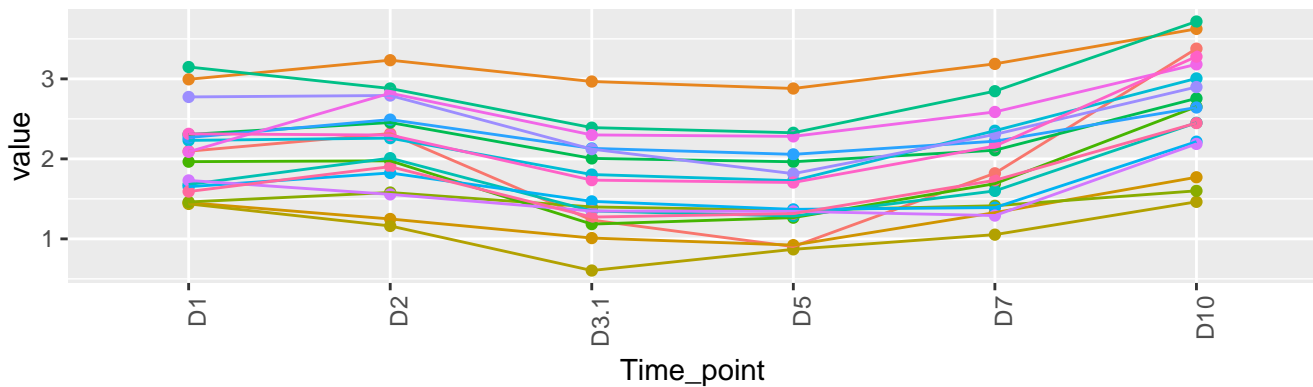
18 genes – KO-cluster-141-original



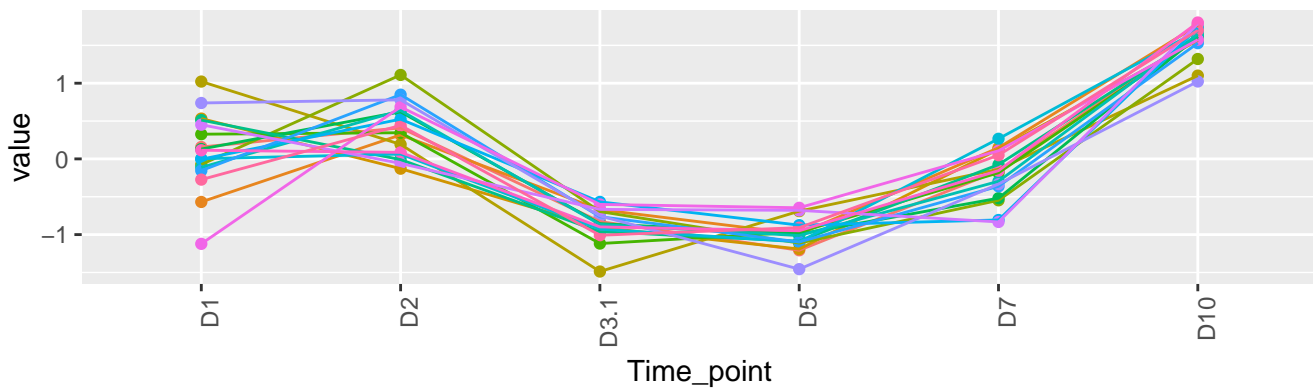
18 genes – KO-cluster-141-standardized



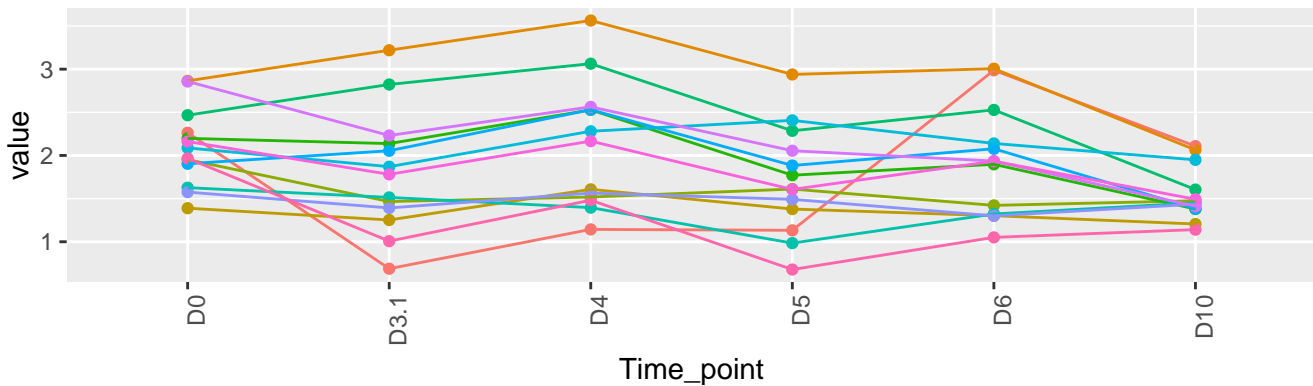
17 genes – WT-cluster-140-original



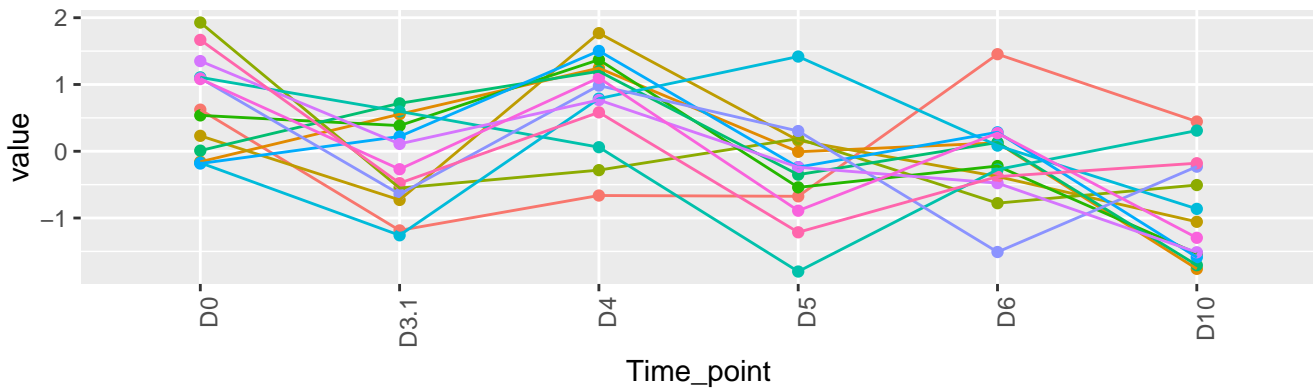
17 genes – WT-cluster-140-standardized



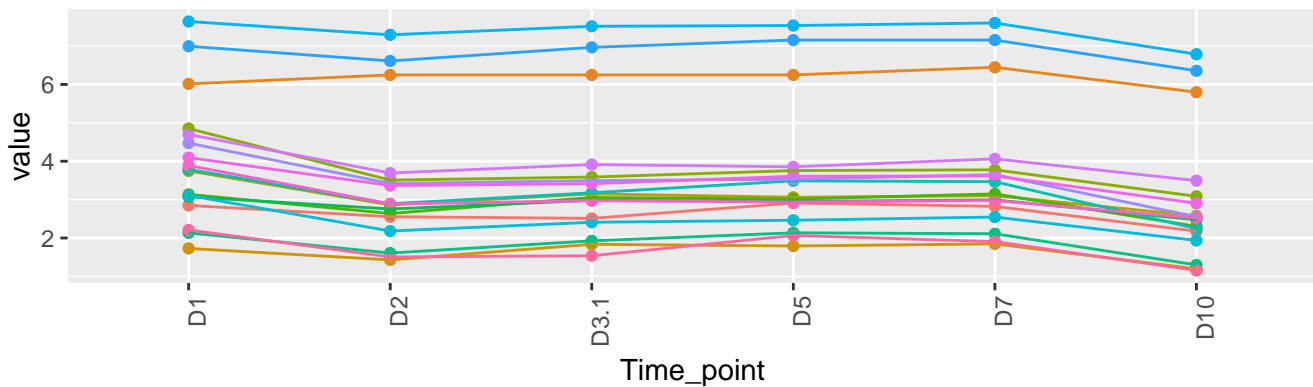
13 genes – KO-cluster-140-original



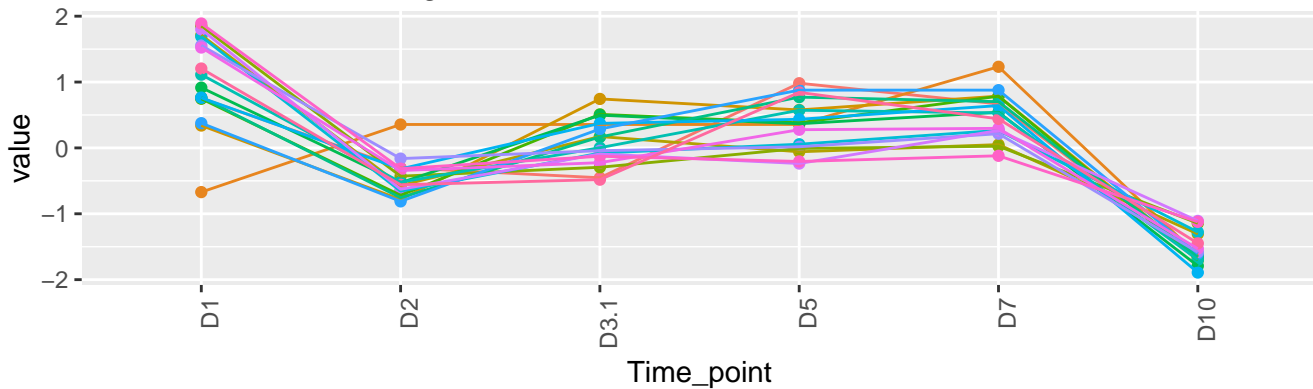
13 genes – KO-cluster-140-standardized



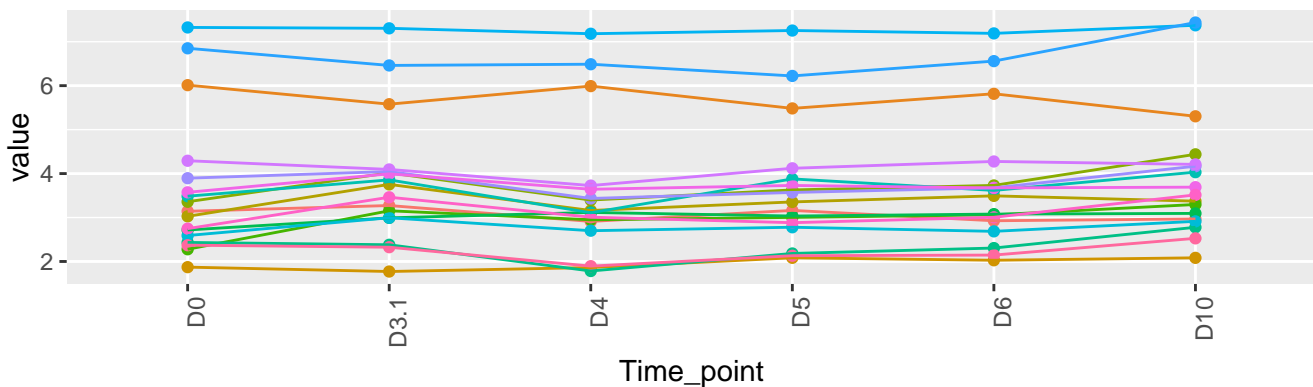
17 genes – WT-cluster-139-original



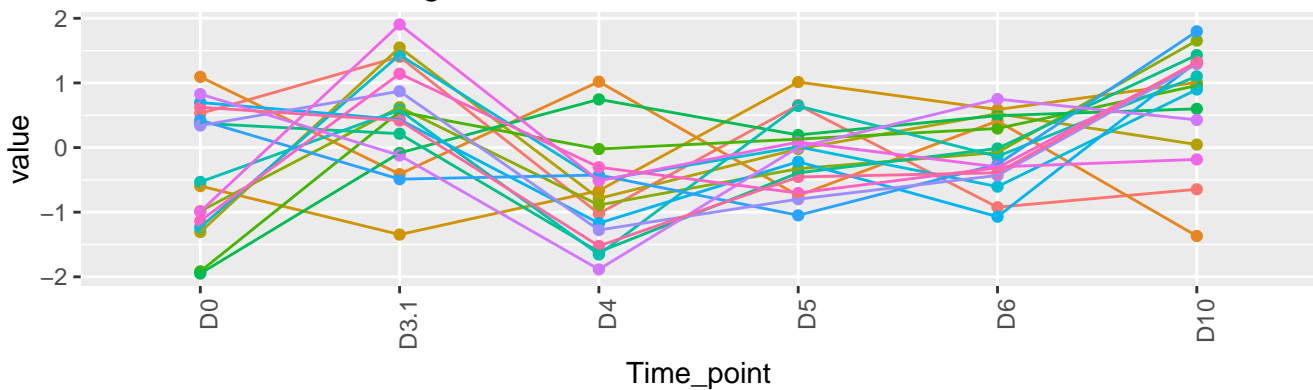
17 genes – WT-cluster-139-standardized



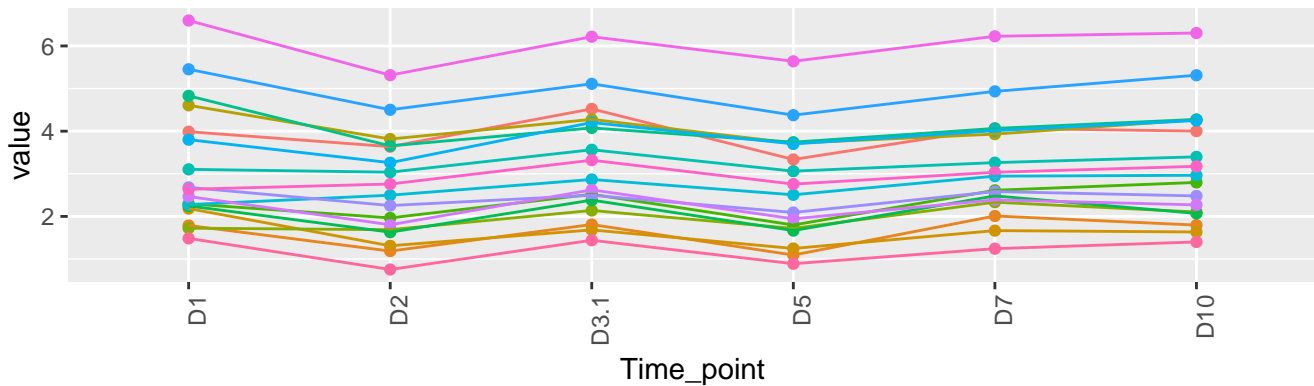
17 genes – KO-cluster-139-original



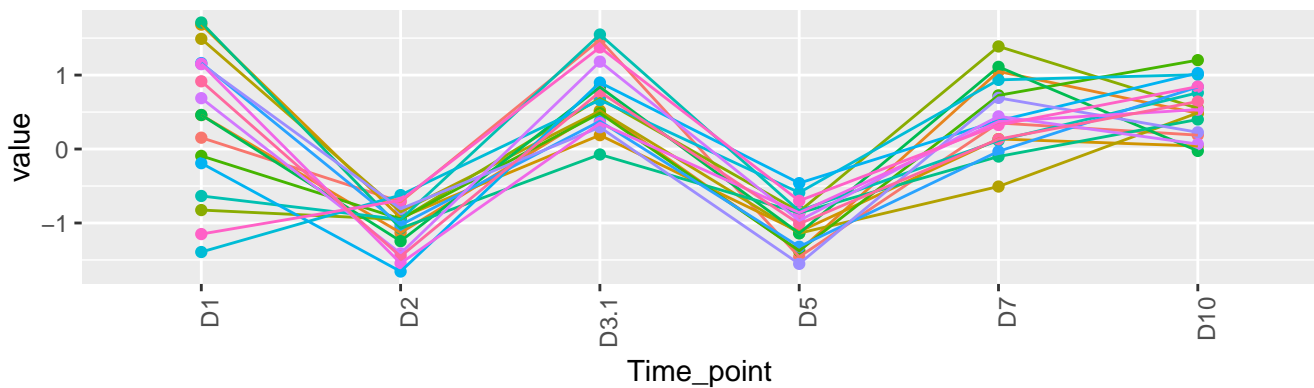
17 genes – KO-cluster-139-standardized



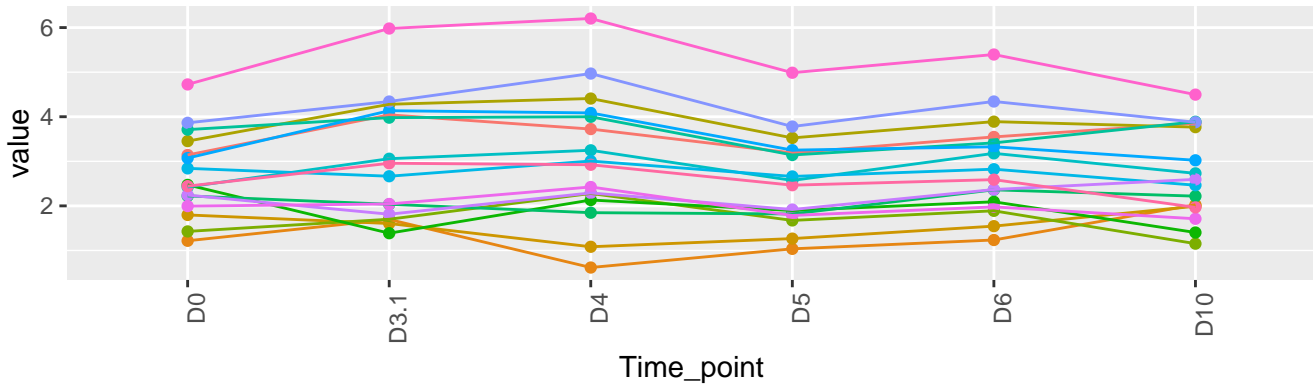
17 genes – WT-cluster-138-original



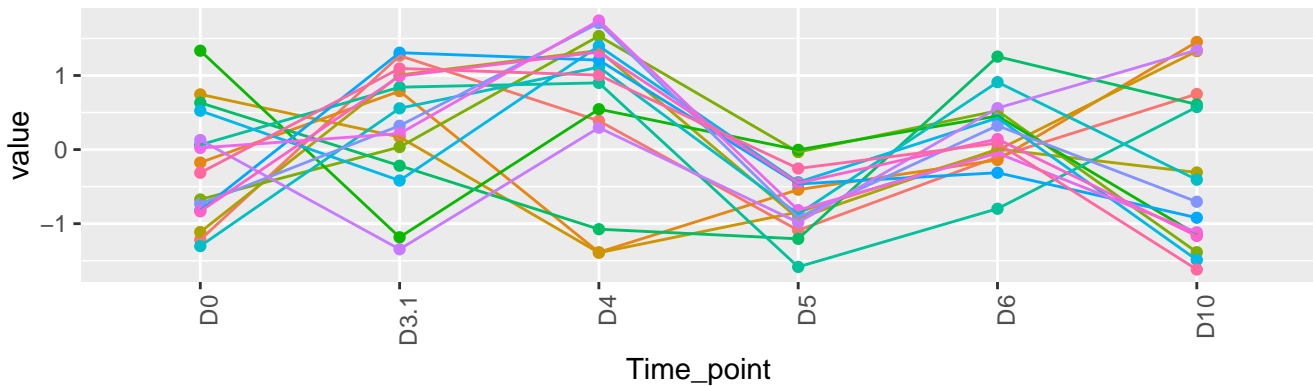
17 genes – WT-cluster-138-standardized



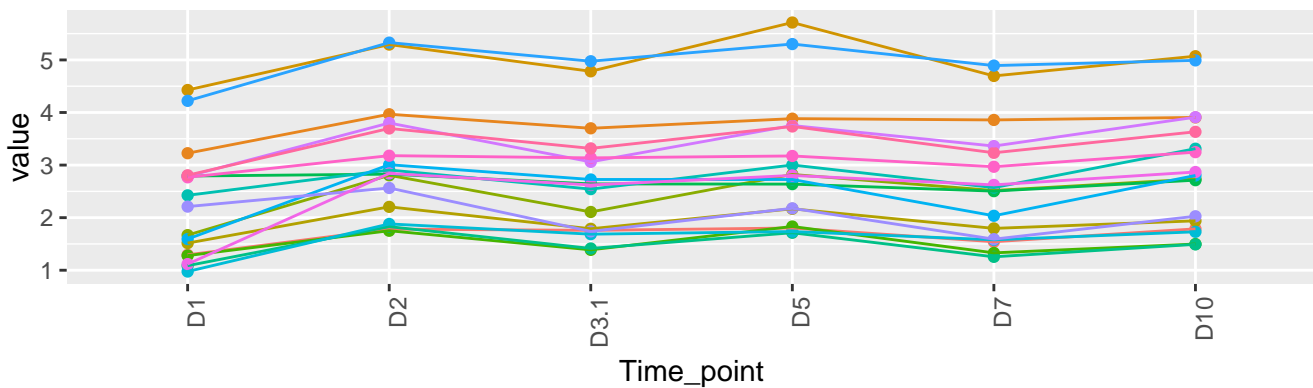
16 genes – KO-cluster-138-original



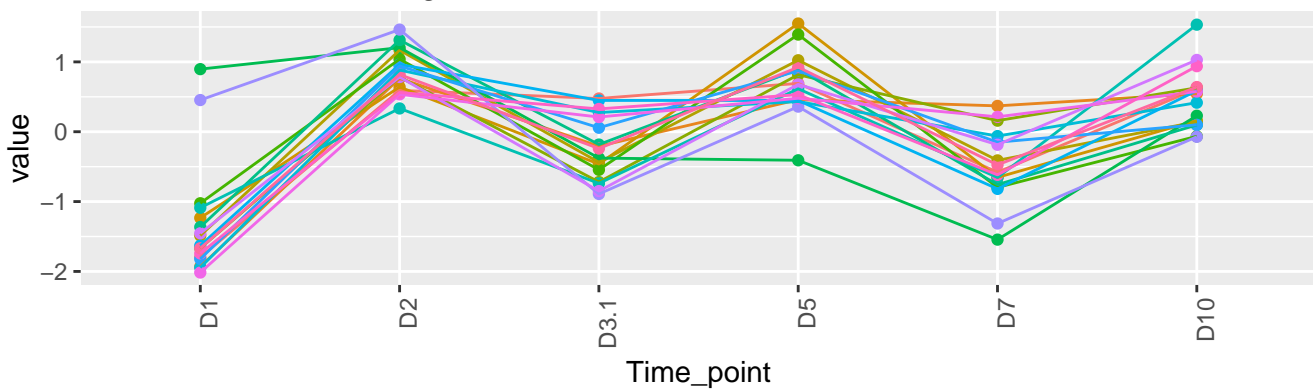
16 genes – KO-cluster-138-standardized



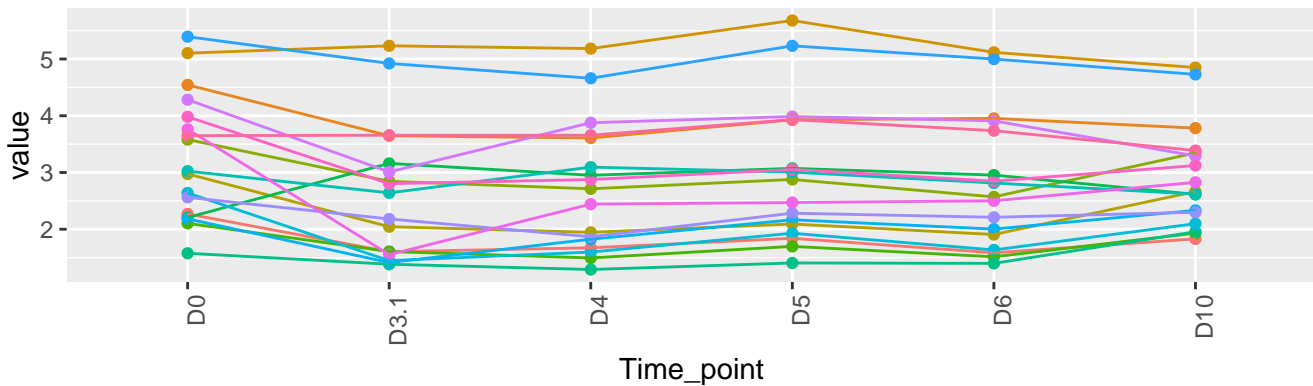
17 genes – WT-cluster-137-original



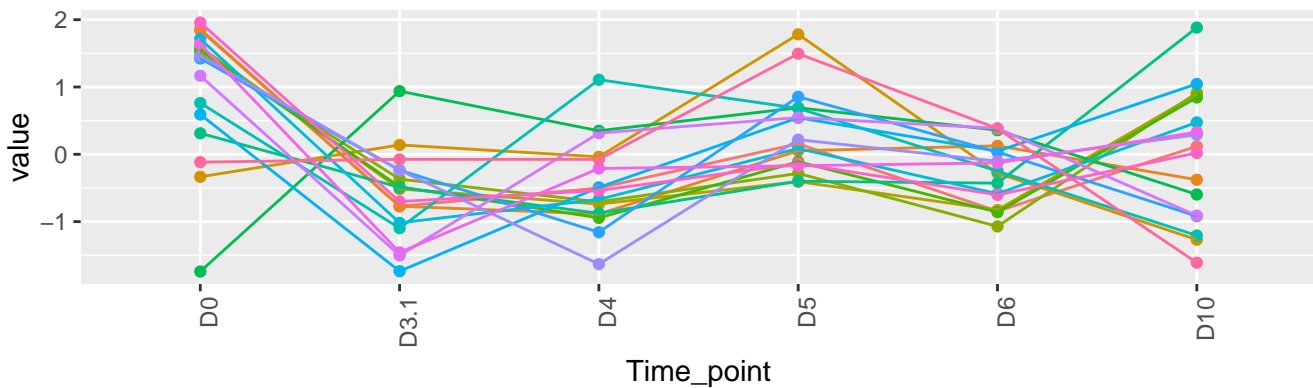
17 genes – WT-cluster-137-standardized



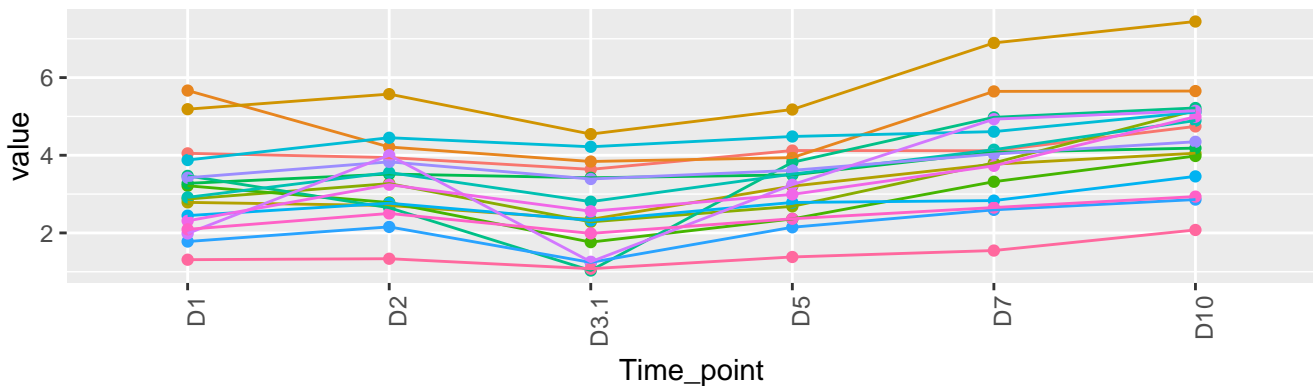
17 genes – KO-cluster-137-original



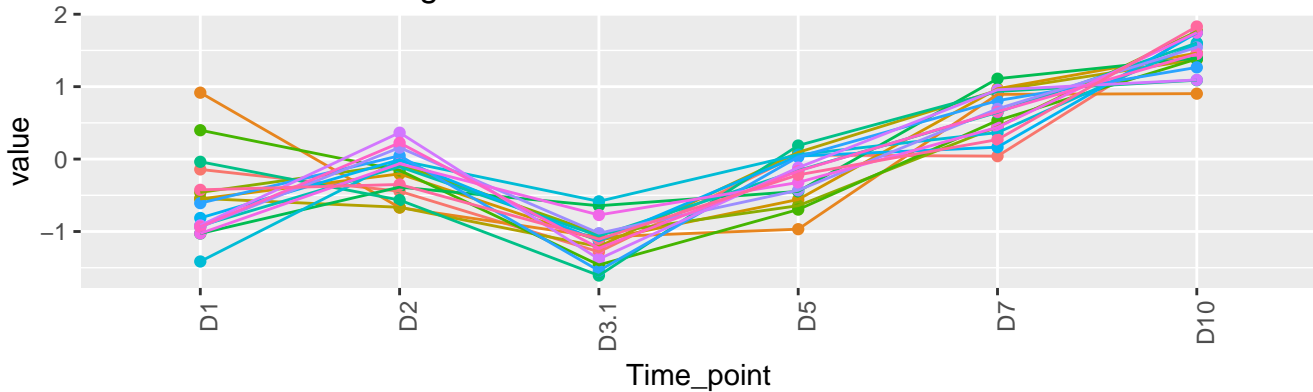
17 genes – KO-cluster-137-standardized



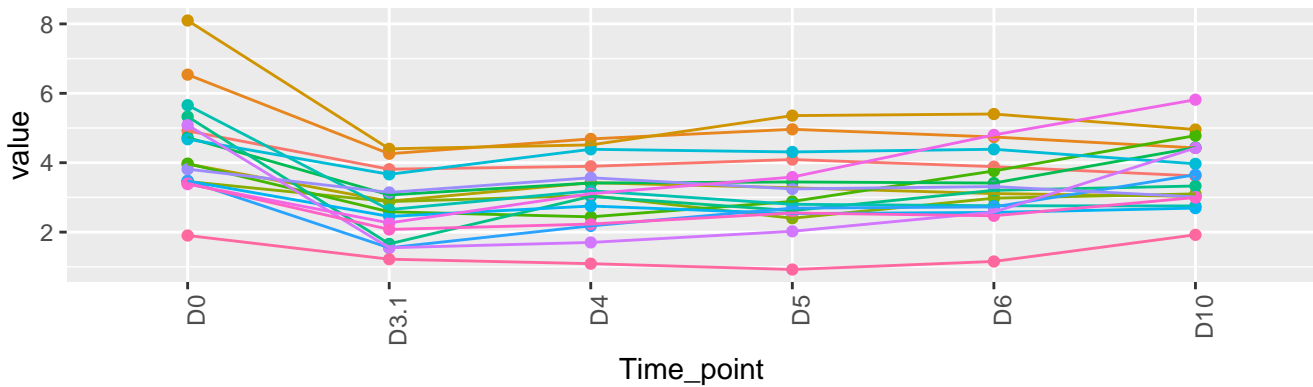
17 genes – WT-cluster-136-original



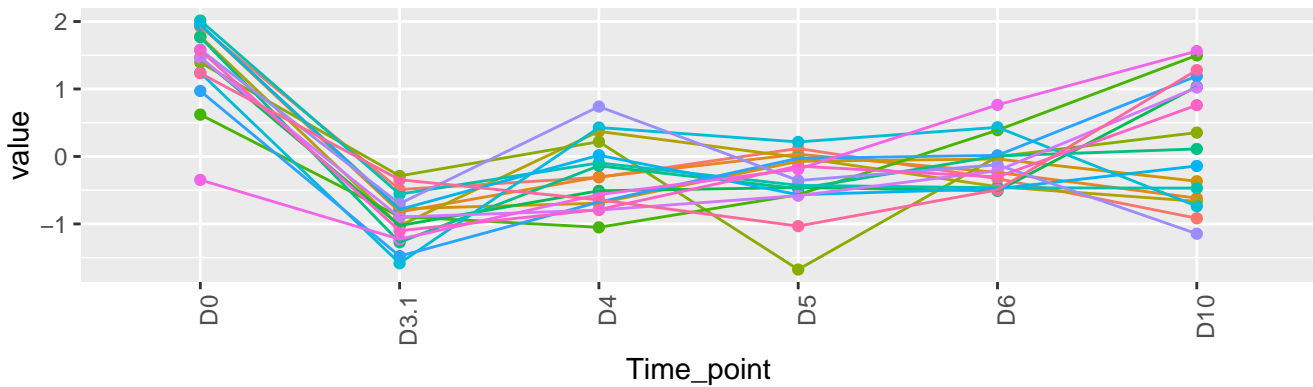
17 genes – WT-cluster-136-standardized



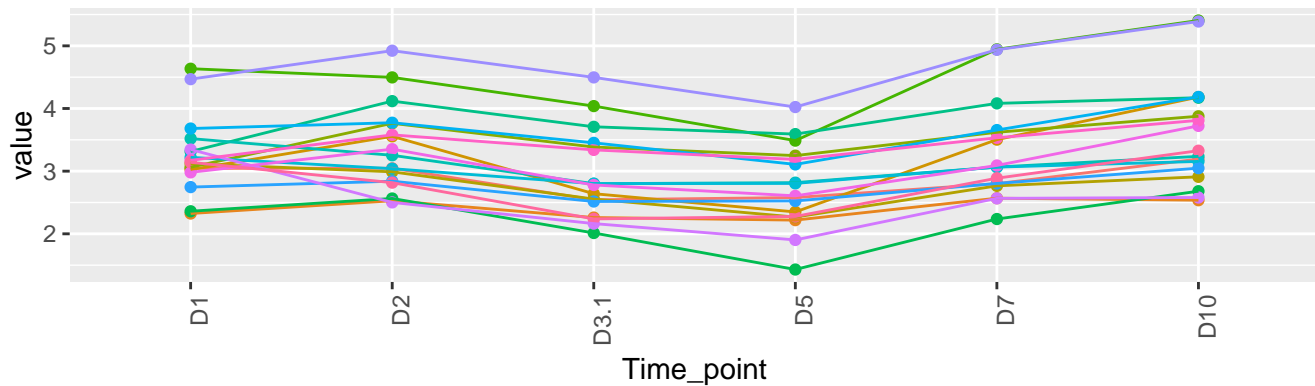
17 genes – KO-cluster-136-original



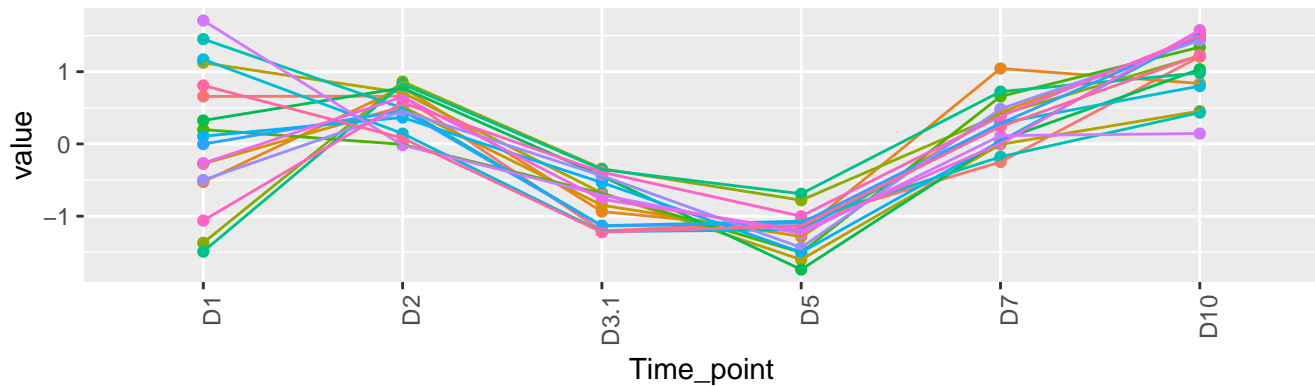
17 genes – KO-cluster-136-standardized



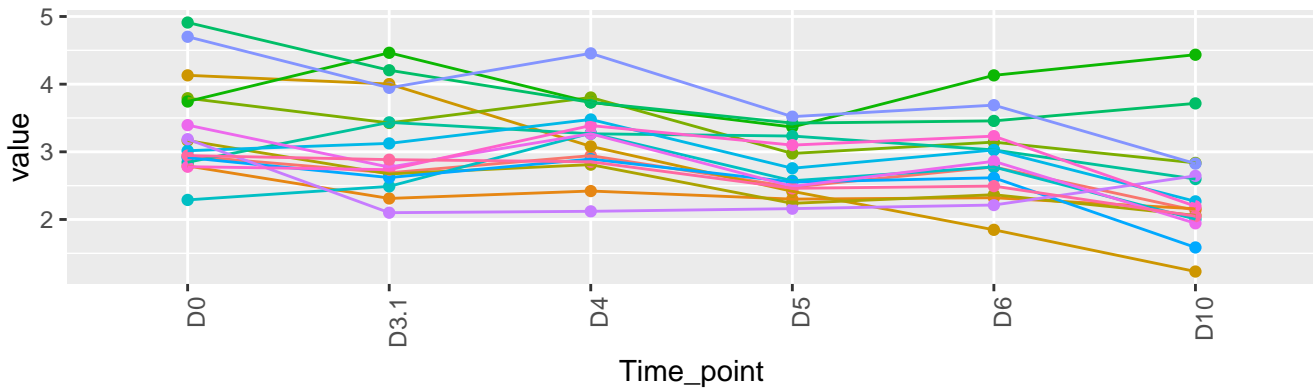
17 genes – WT-cluster-135-original



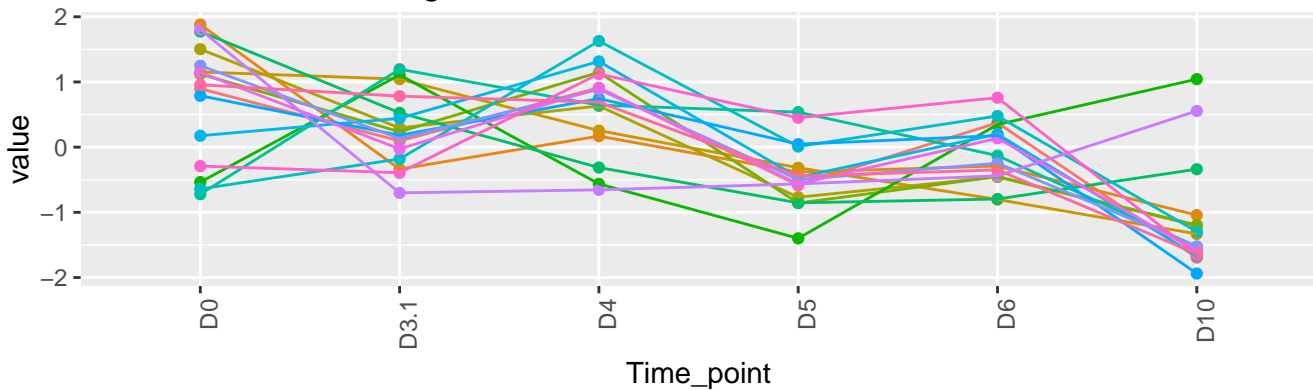
17 genes – WT-cluster-135-standardized



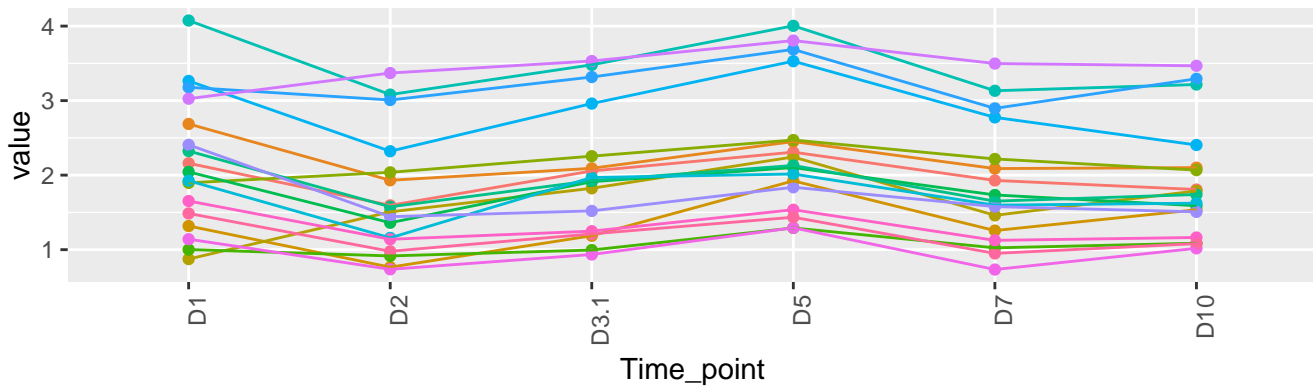
16 genes – KO-cluster-135-original



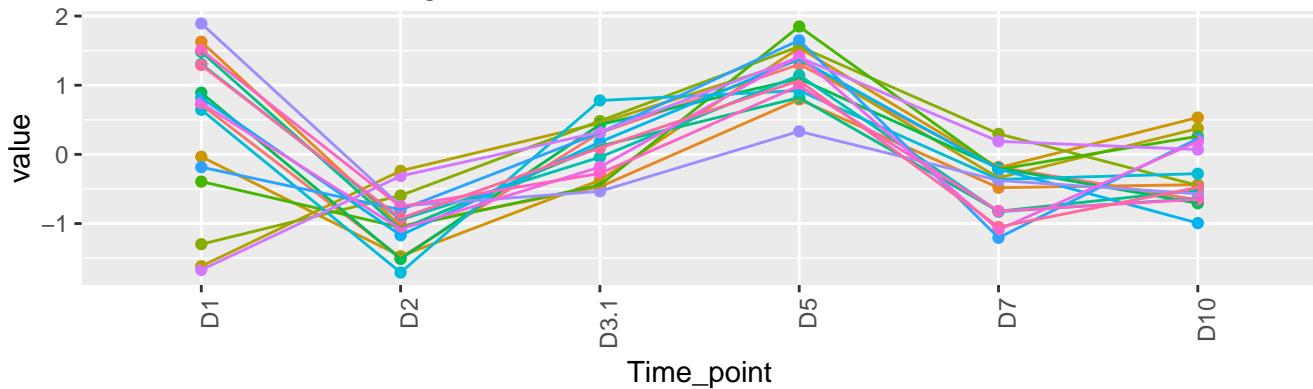
16 genes – KO-cluster-135-standardized



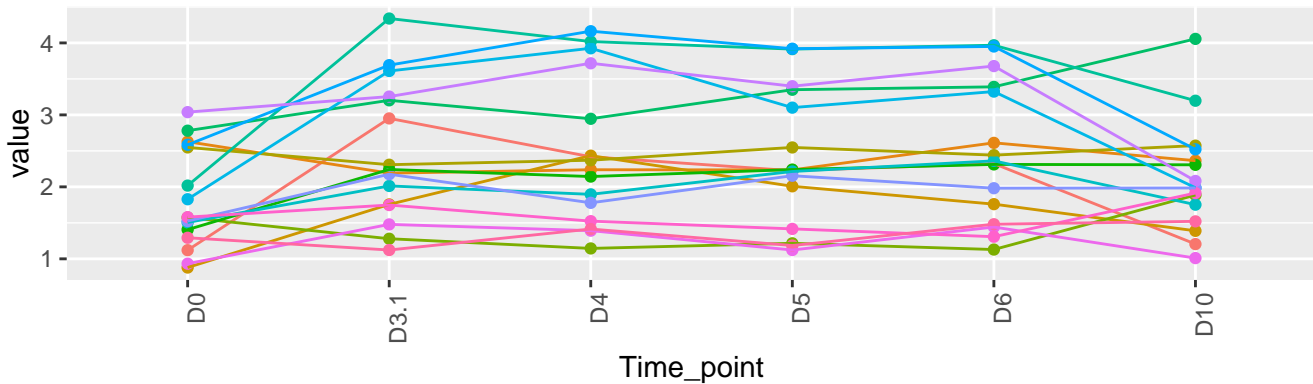
17 genes – WT-cluster-134-original



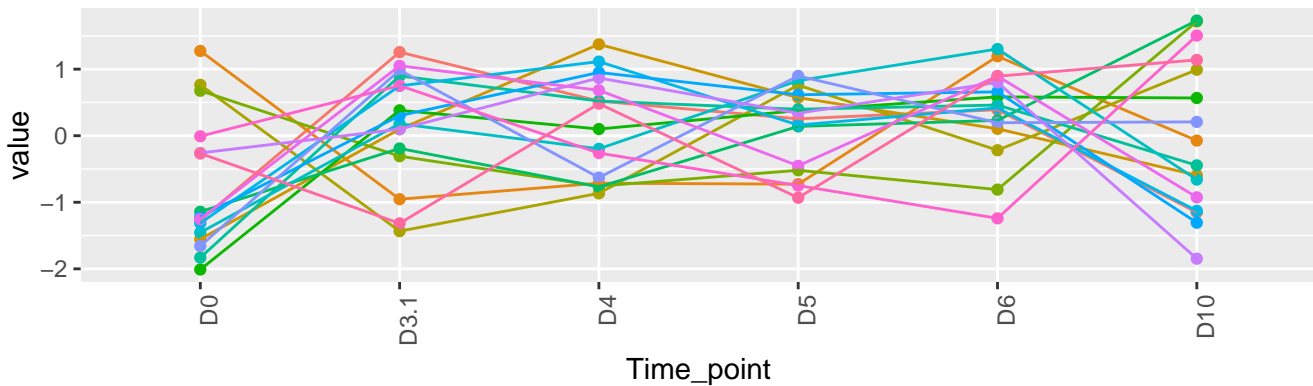
17 genes – WT-cluster-134-standardized



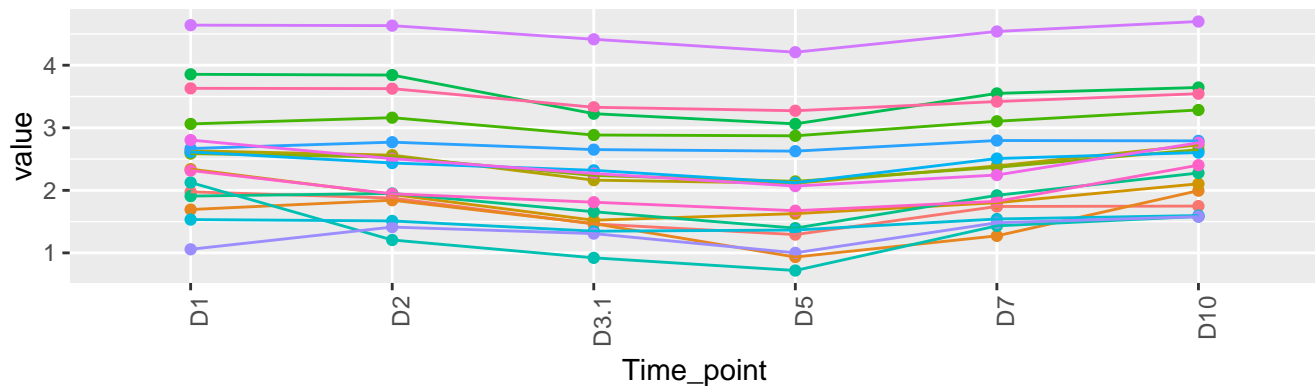
16 genes – KO-cluster-134-original



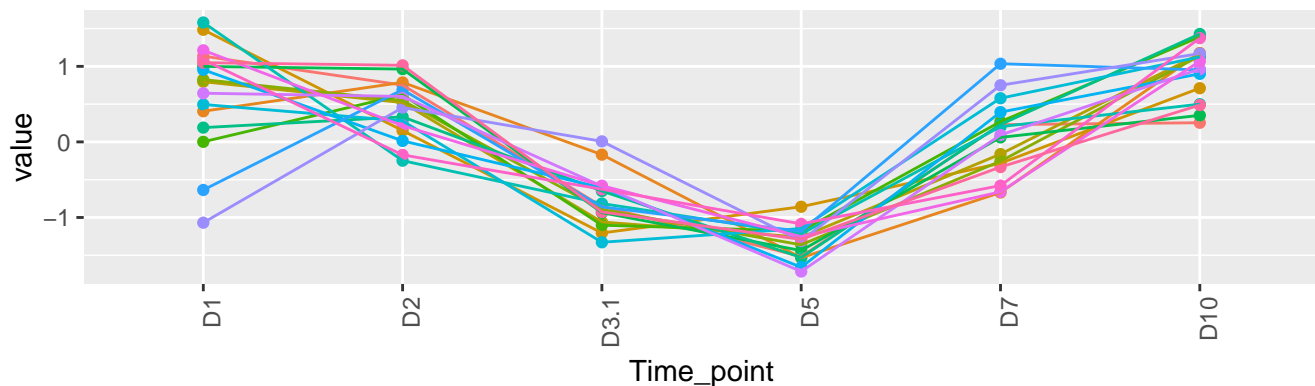
16 genes – KO-cluster-134-standardized



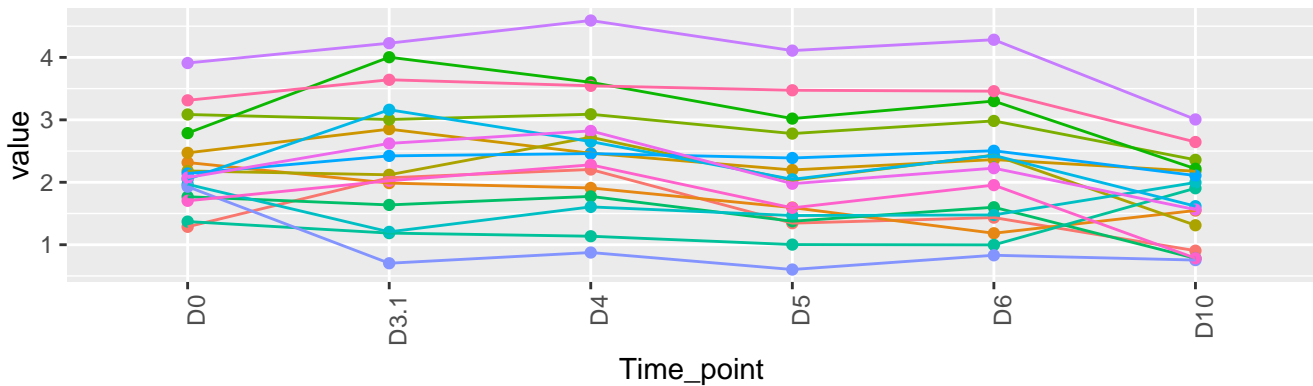
17 genes – WT-cluster-133-original



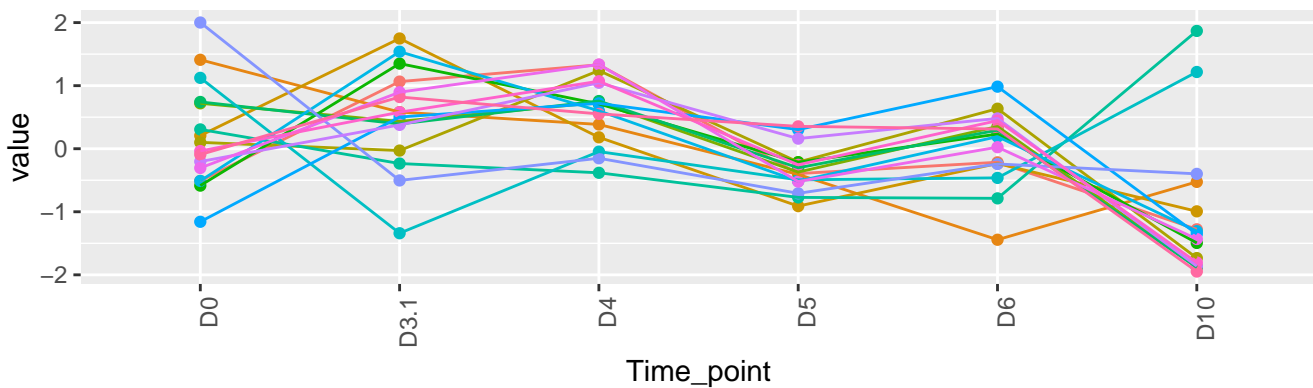
17 genes – WT-cluster-133-standardized



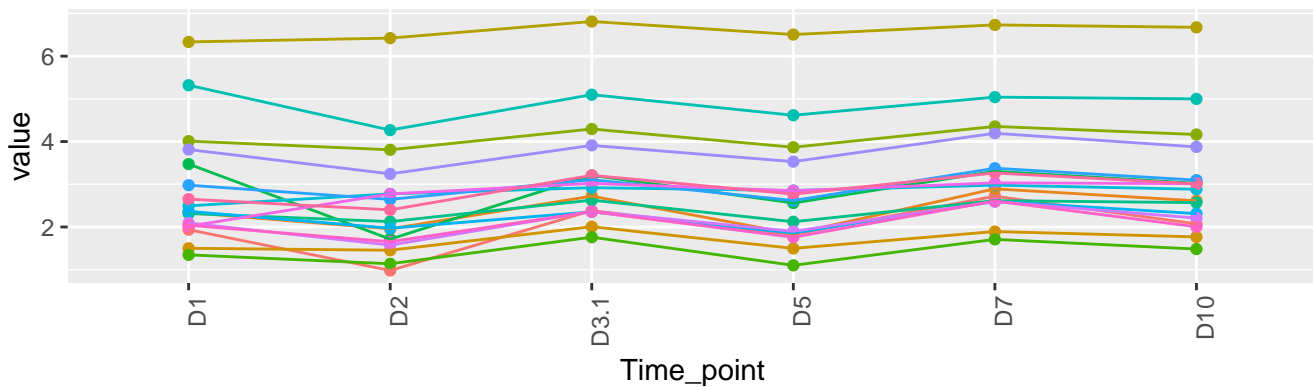
16 genes – KO-cluster-133-original



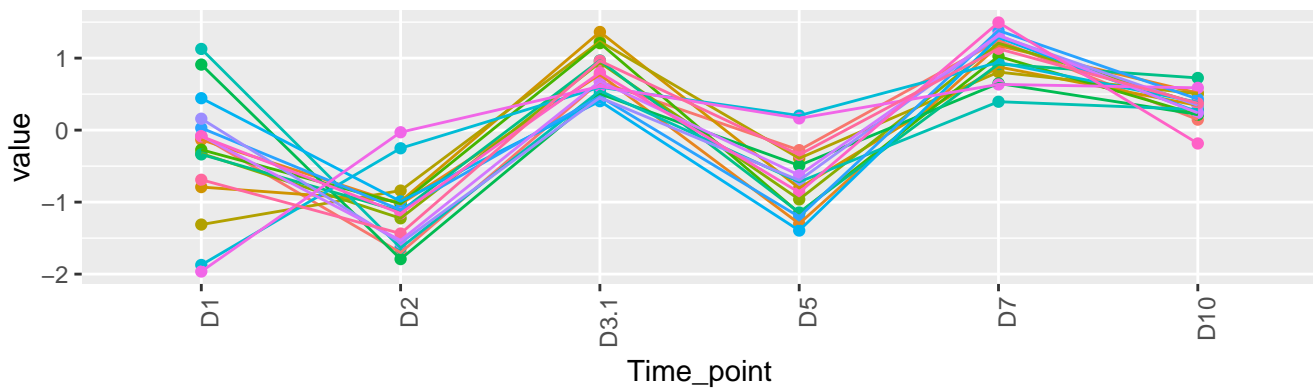
16 genes – KO-cluster-133-standardized



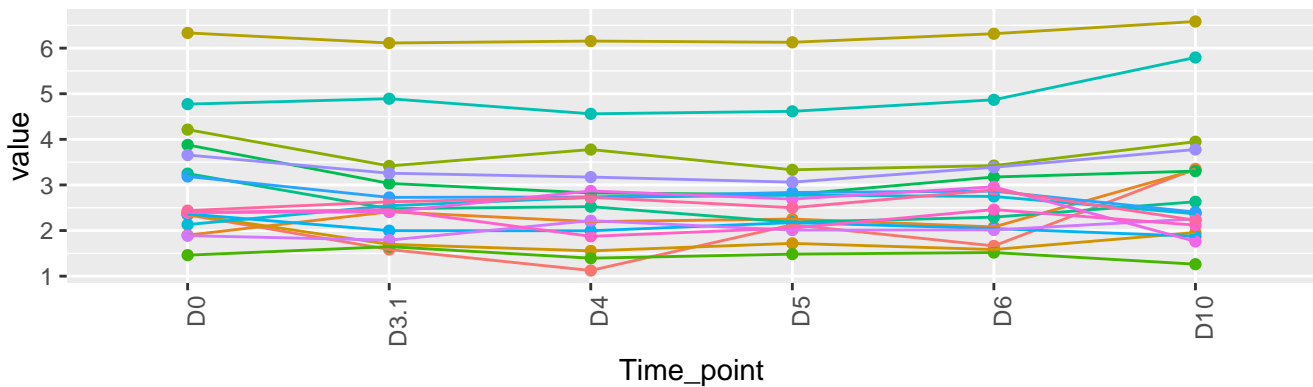
17 genes – WT-cluster-132-original



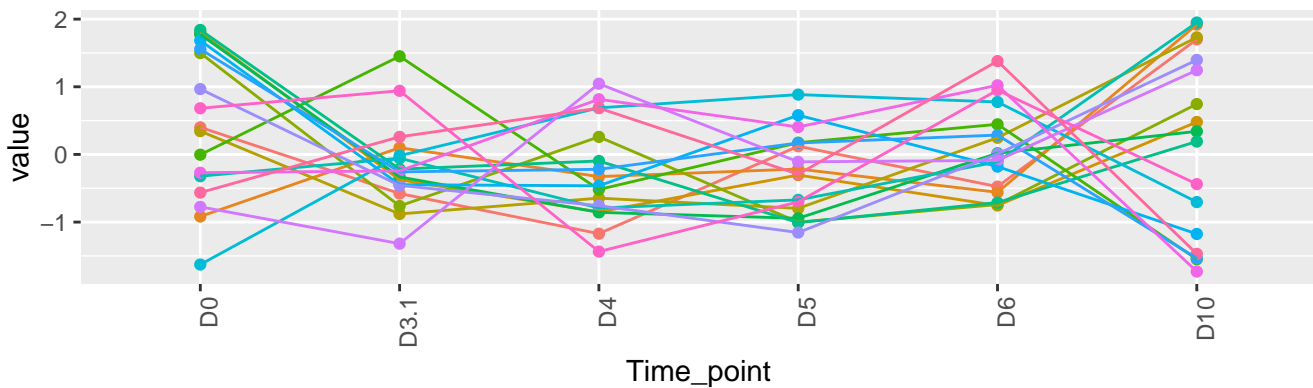
17 genes – WT-cluster-132-standardized



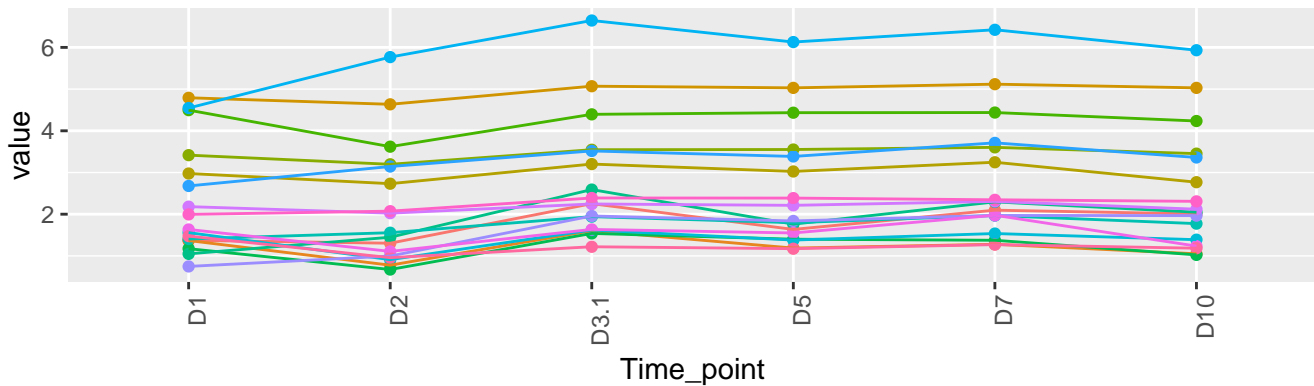
17 genes – KO-cluster-132-original



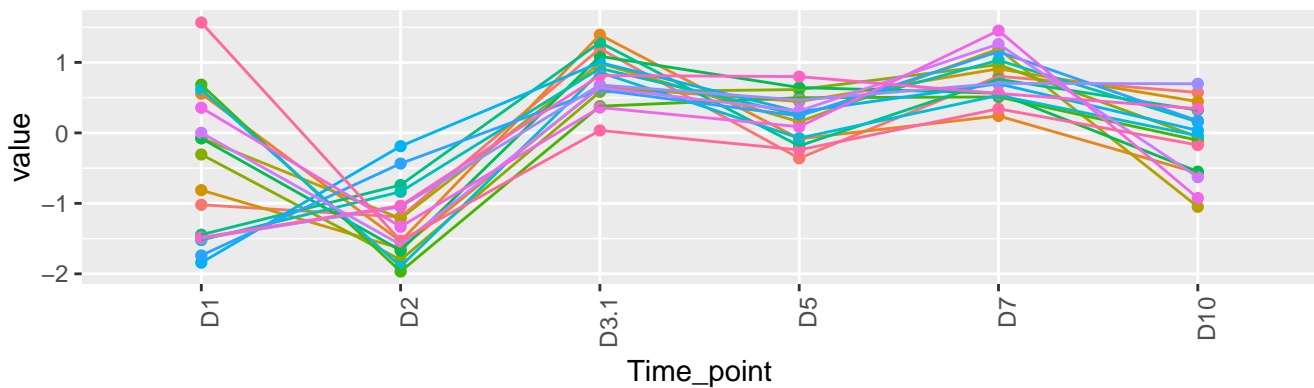
17 genes – KO-cluster-132-standardized



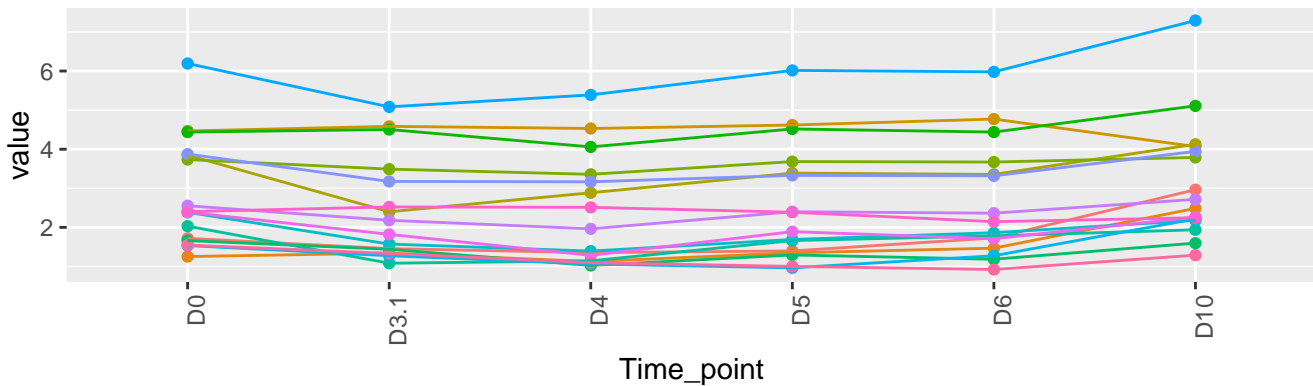
17 genes – WT-cluster-131-original



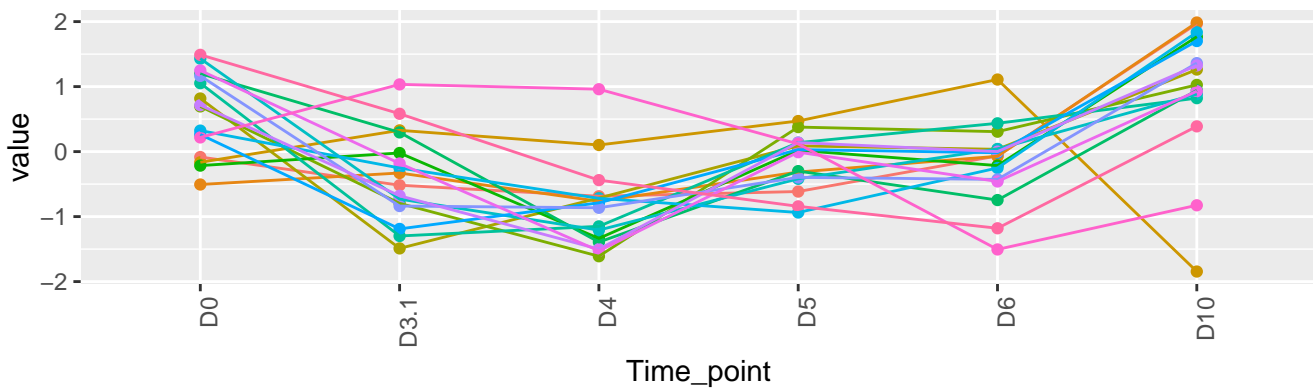
17 genes – WT-cluster-131-standardized



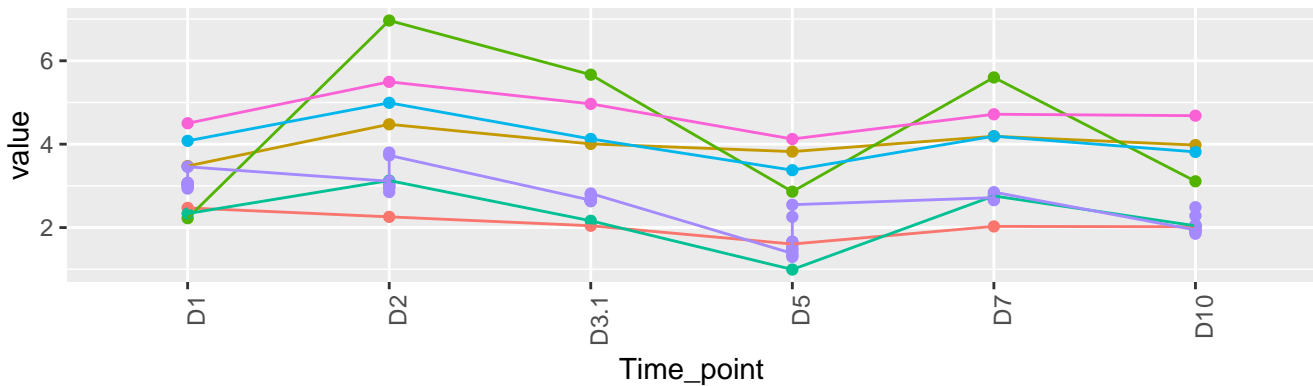
16 genes – KO-cluster-131-original



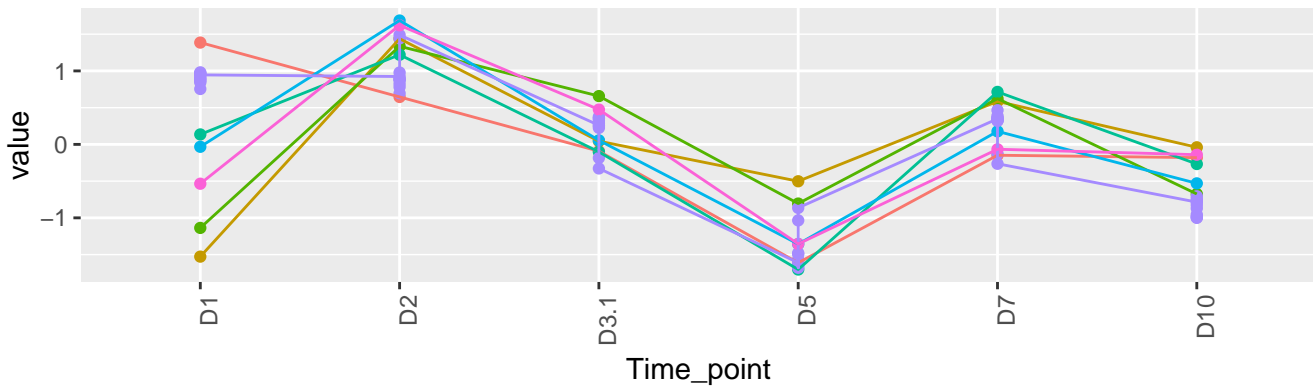
16 genes – KO-cluster-131-standardized



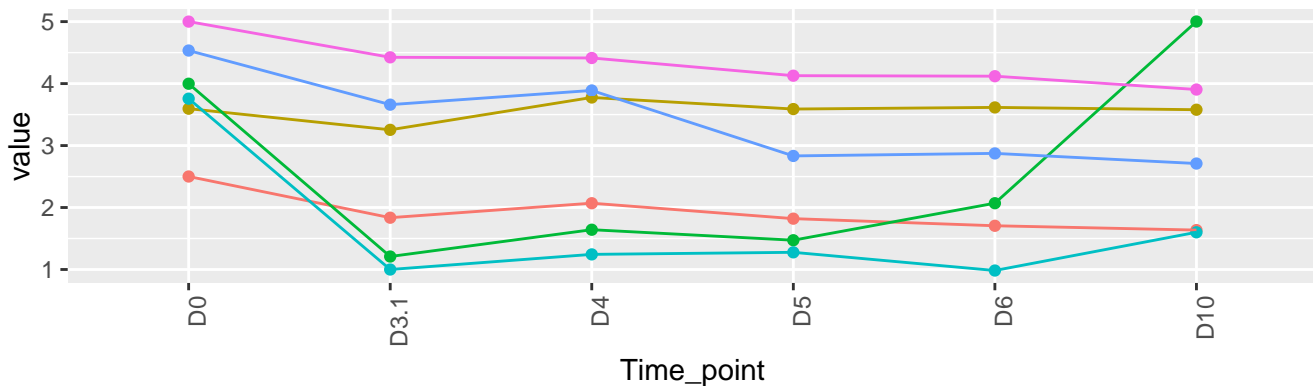
16 genes – WT-cluster-130-original



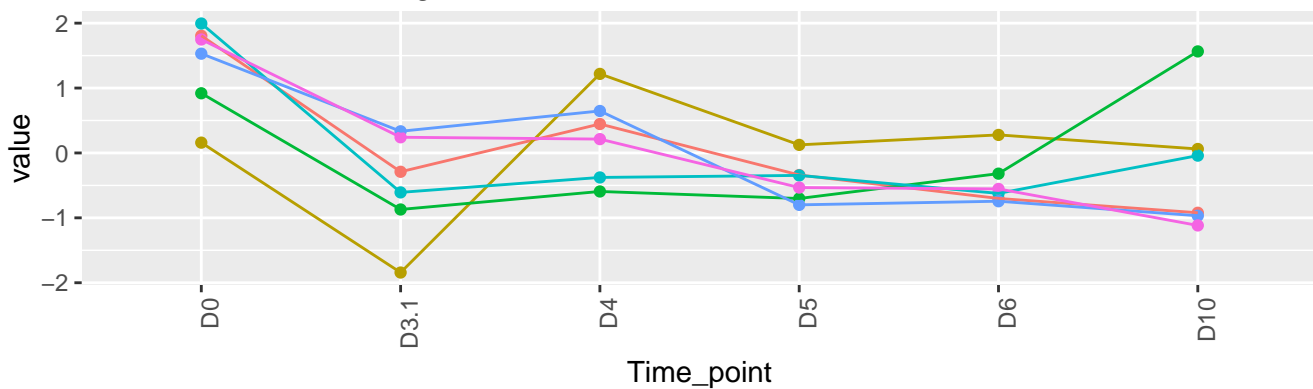
16 genes – WT-cluster-130-standardized



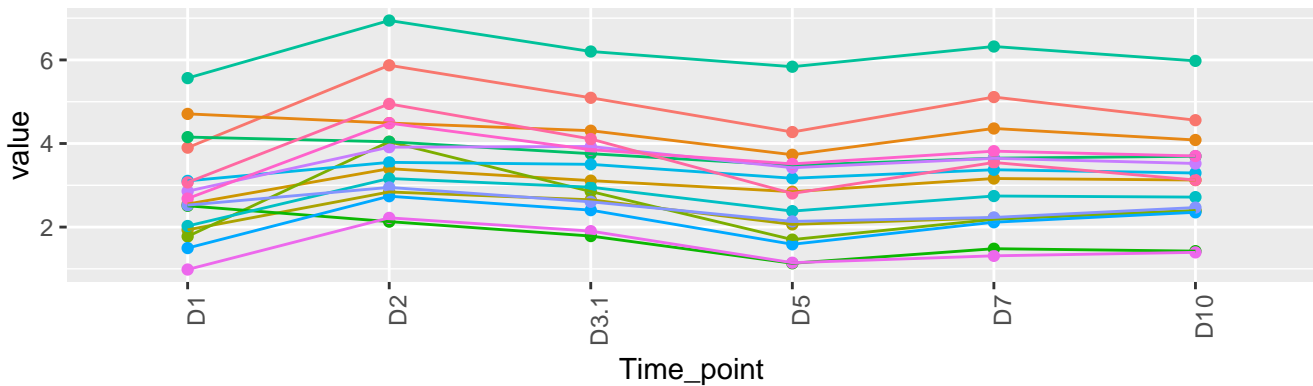
6 genes – KO-cluster-130-original



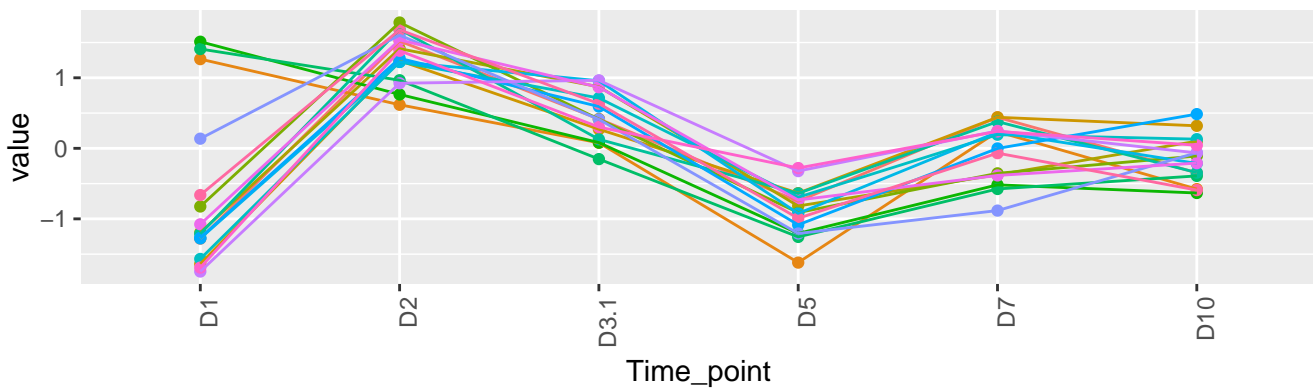
6 genes – KO-cluster-130-standardized



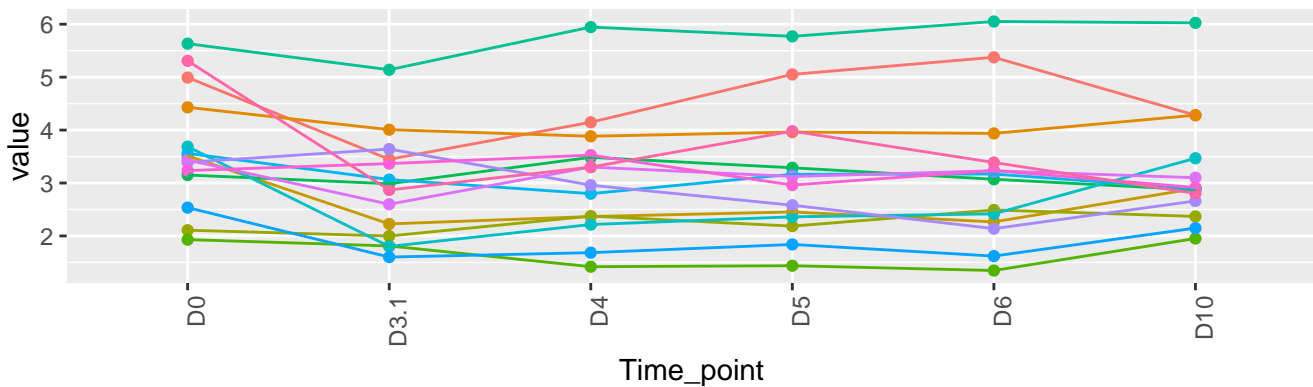
16 genes – WT-cluster-129-original



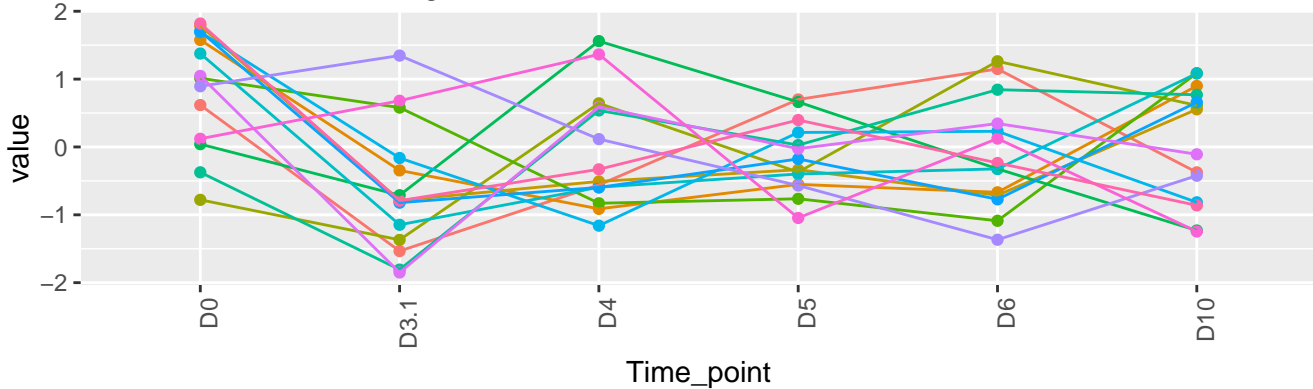
16 genes – WT-cluster-129-standardized



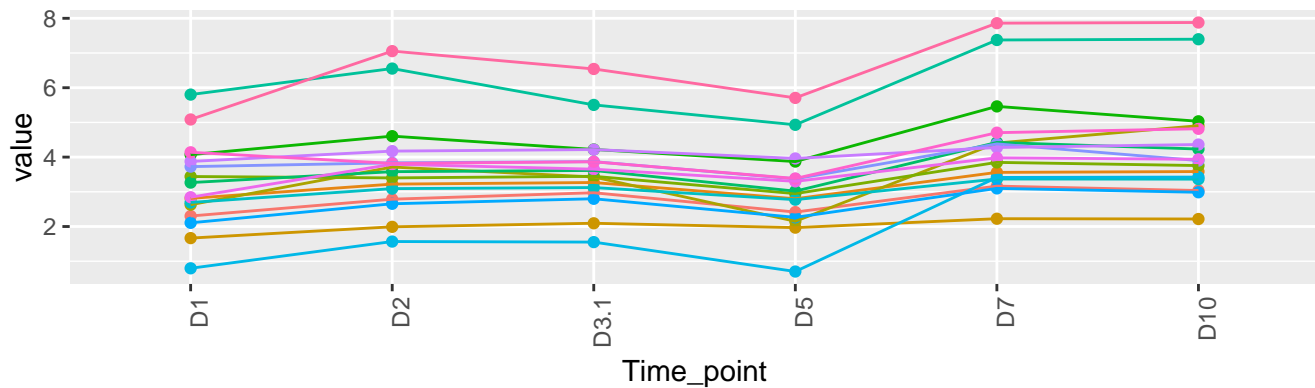
14 genes – KO-cluster-129-original



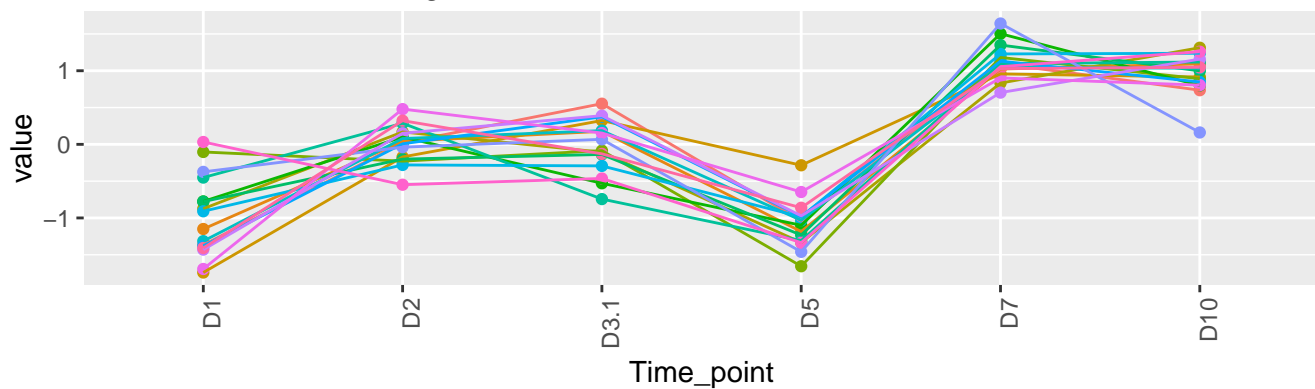
14 genes – KO-cluster-129-standardized



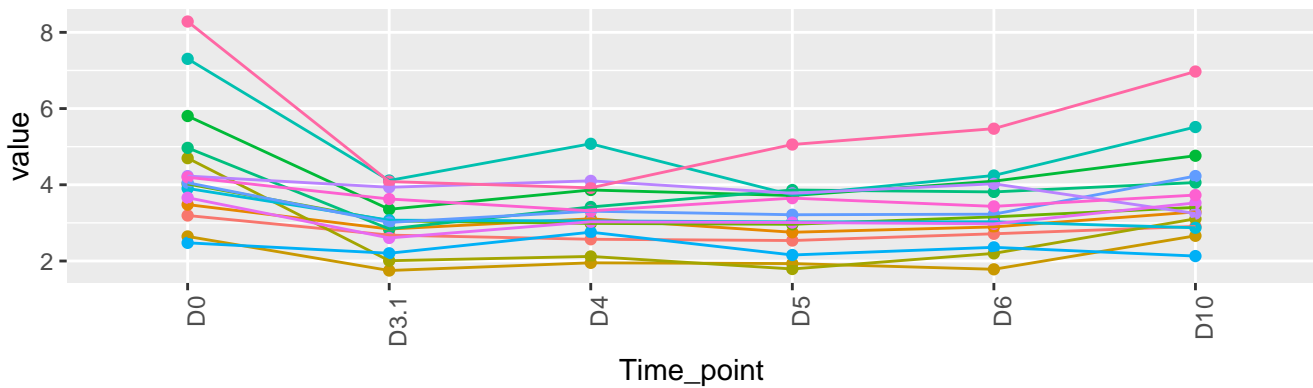
16 genes – WT-cluster-128-original



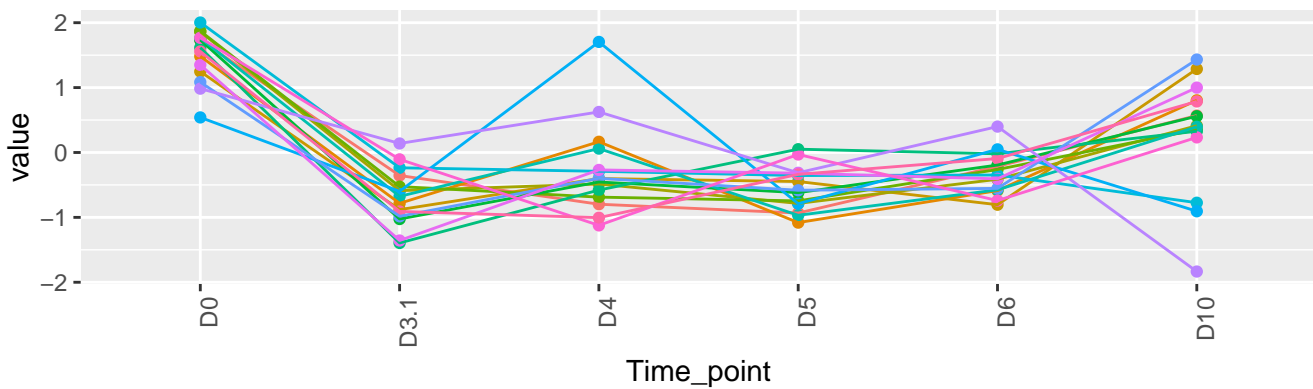
16 genes – WT-cluster-128-standardized



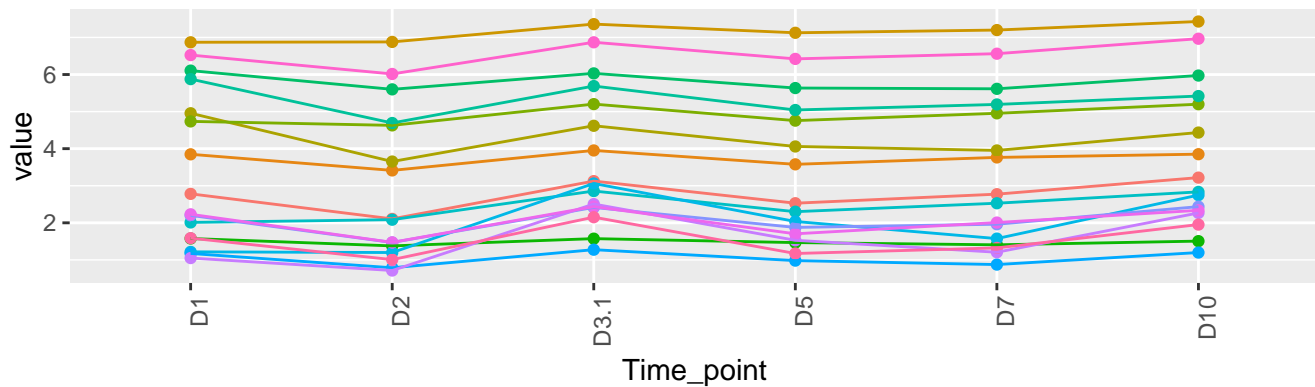
15 genes – KO-cluster-128-original



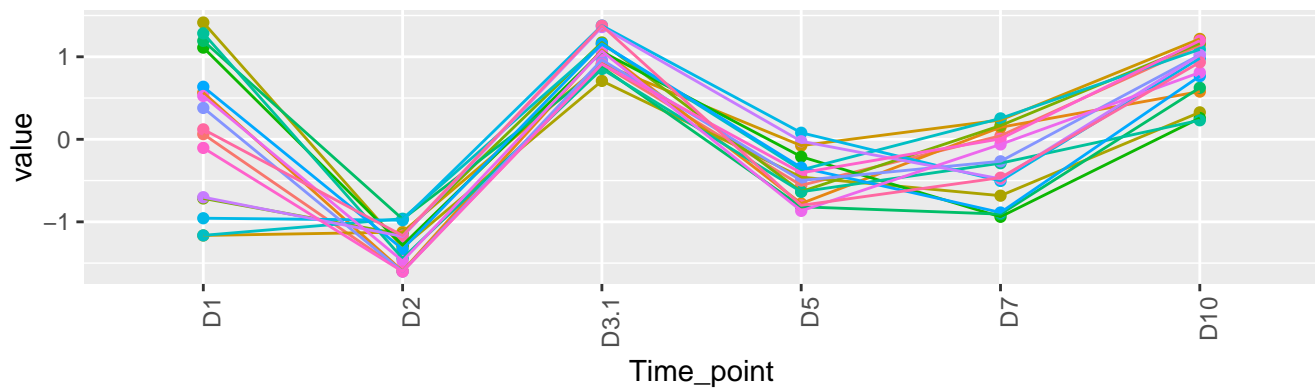
15 genes – KO-cluster-128-standardized



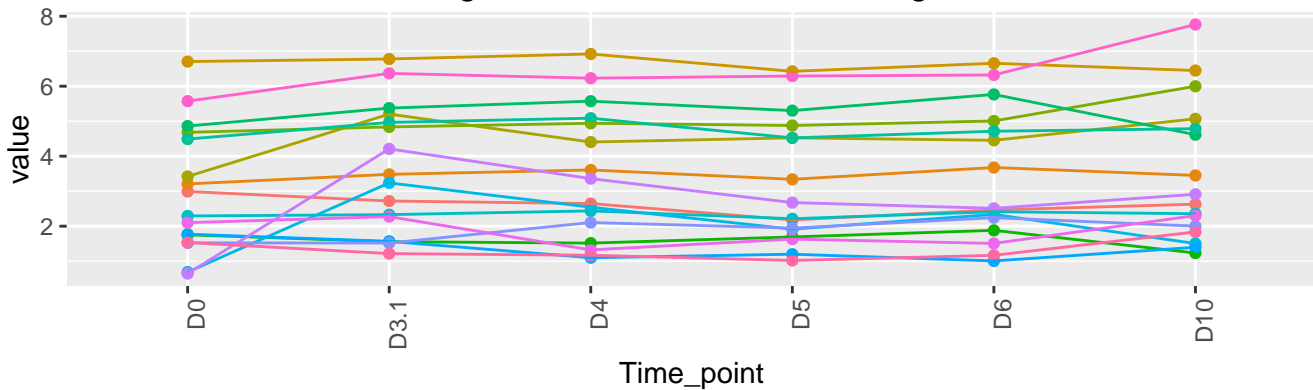
16 genes – WT-cluster-127-original



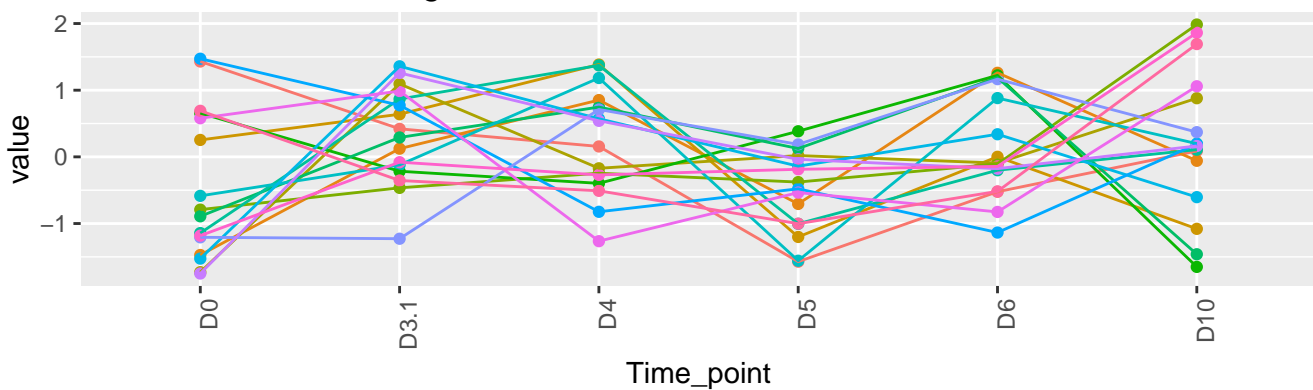
16 genes – WT-cluster-127-standardized



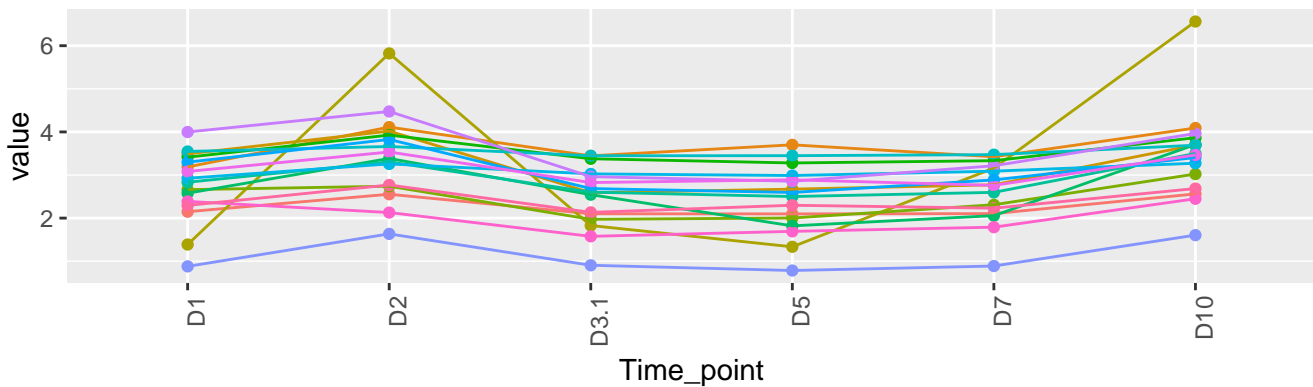
16 genes – KO-cluster-127-original



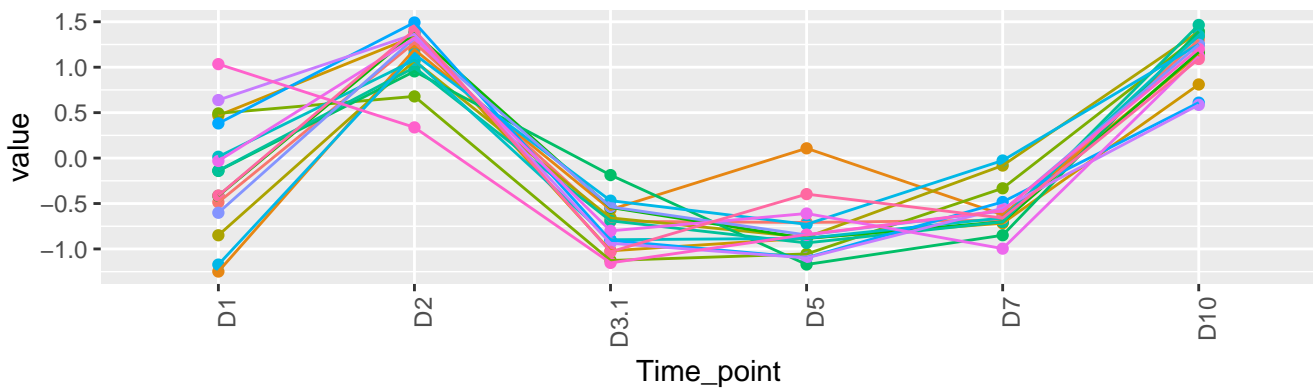
16 genes – KO-cluster-127-standardized



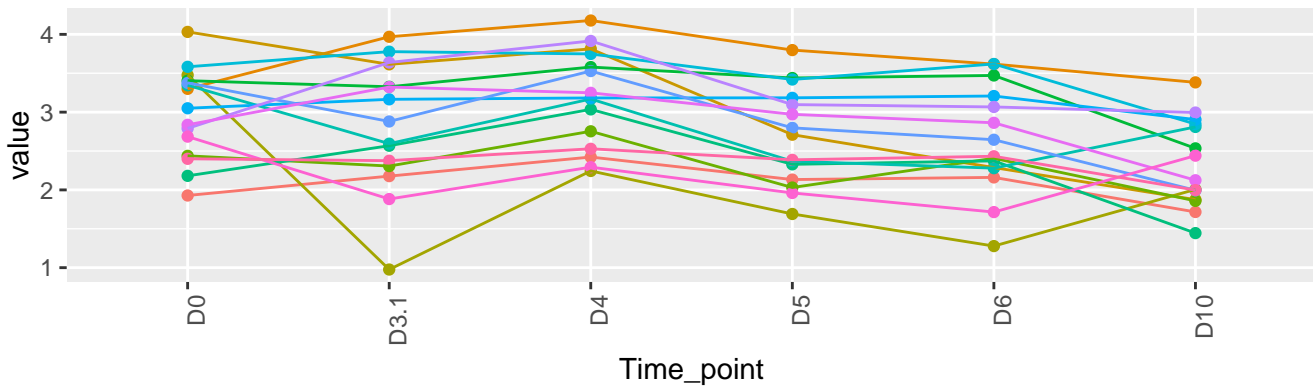
16 genes – WT-cluster-126-original



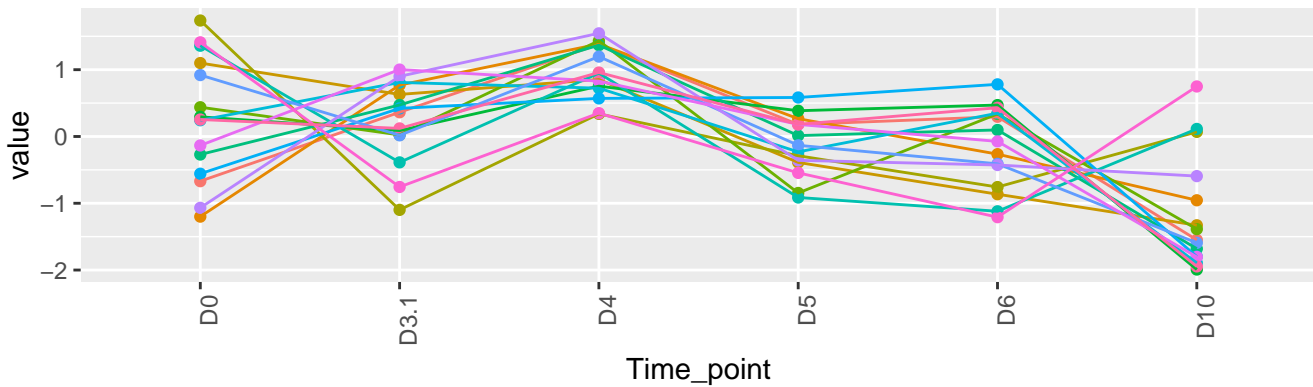
16 genes – WT-cluster-126-standardized



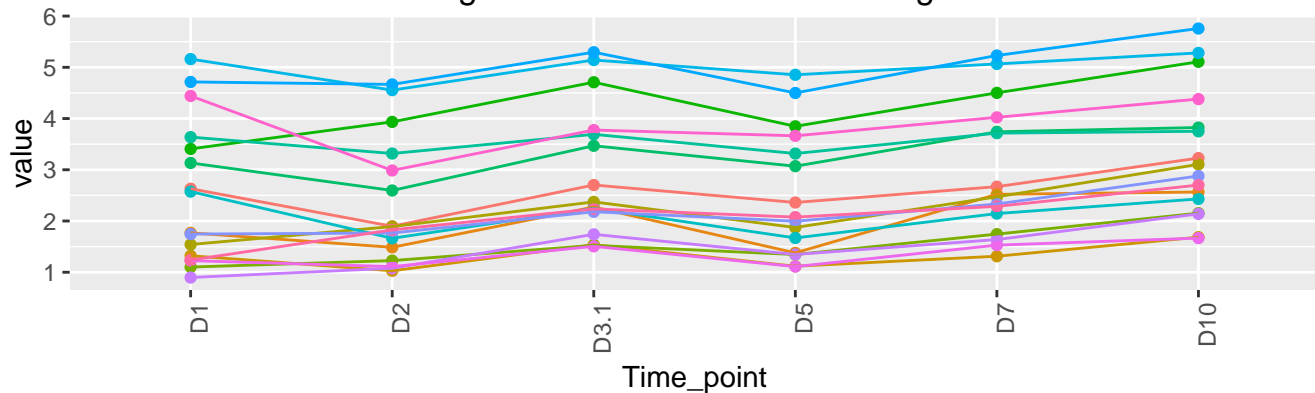
15 genes – KO-cluster-126-original



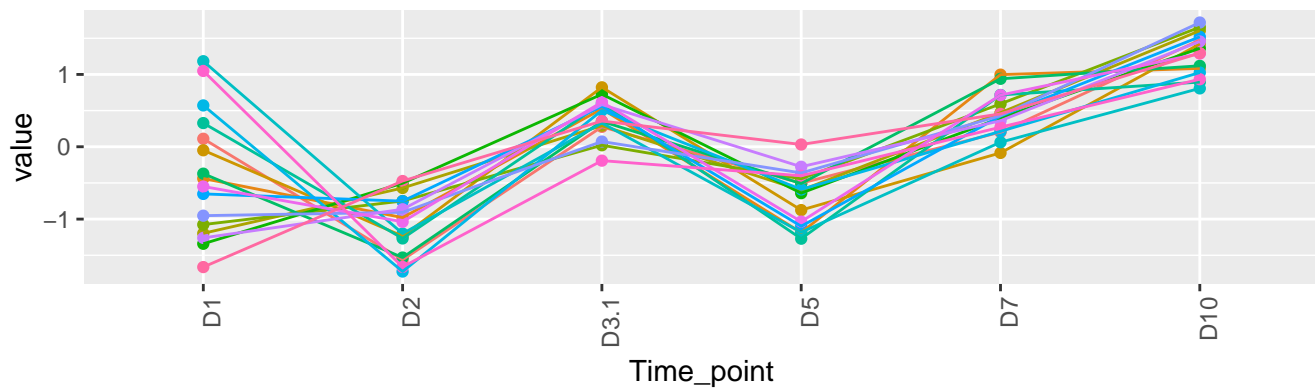
15 genes – KO-cluster-126-standardized



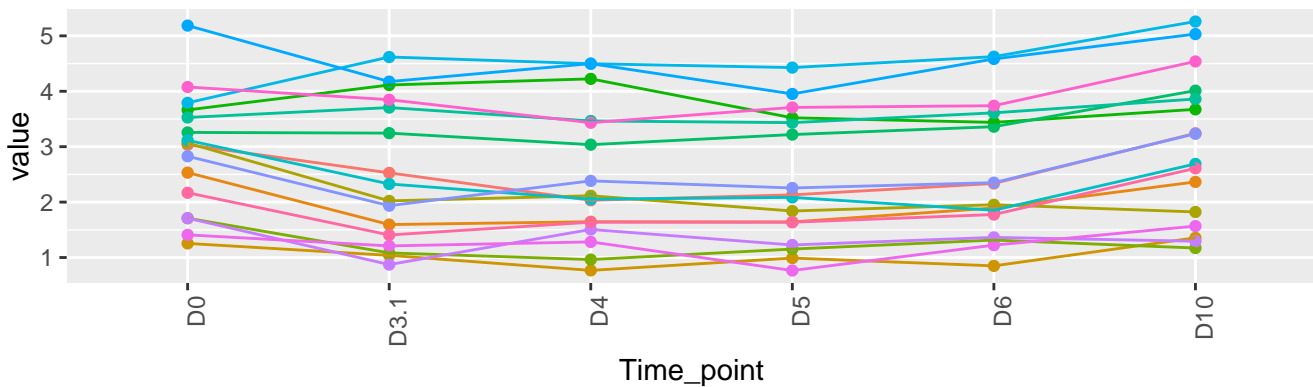
16 genes – WT-cluster-125-original



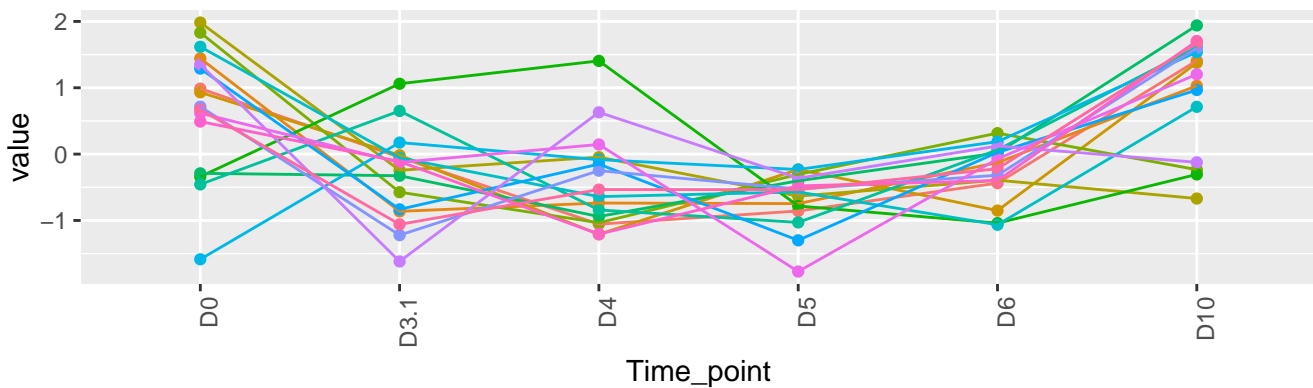
16 genes – WT-cluster-125-standardized



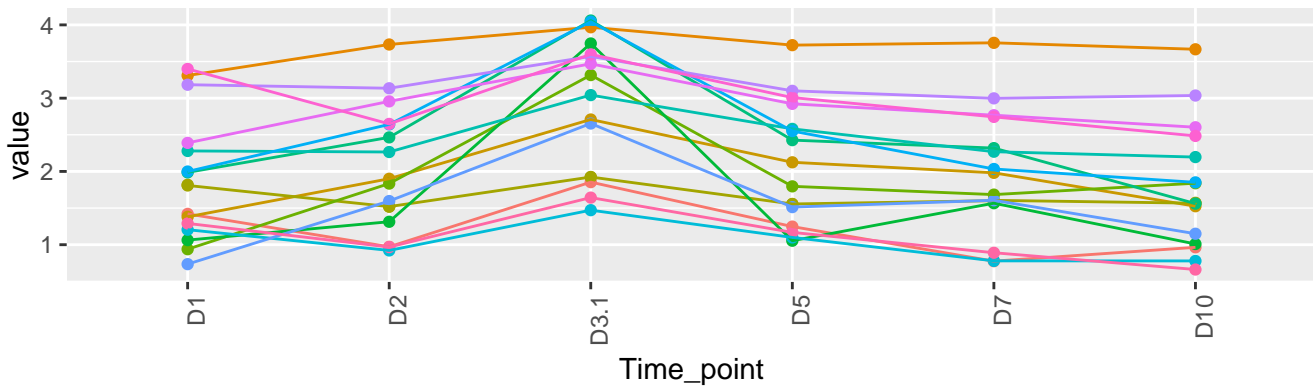
16 genes – KO-cluster-125-original



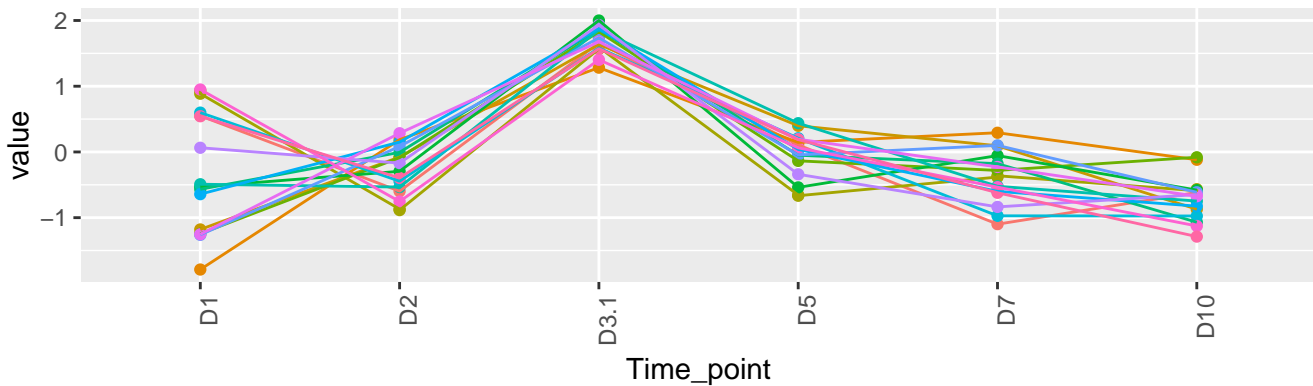
16 genes – KO-cluster-125-standardized



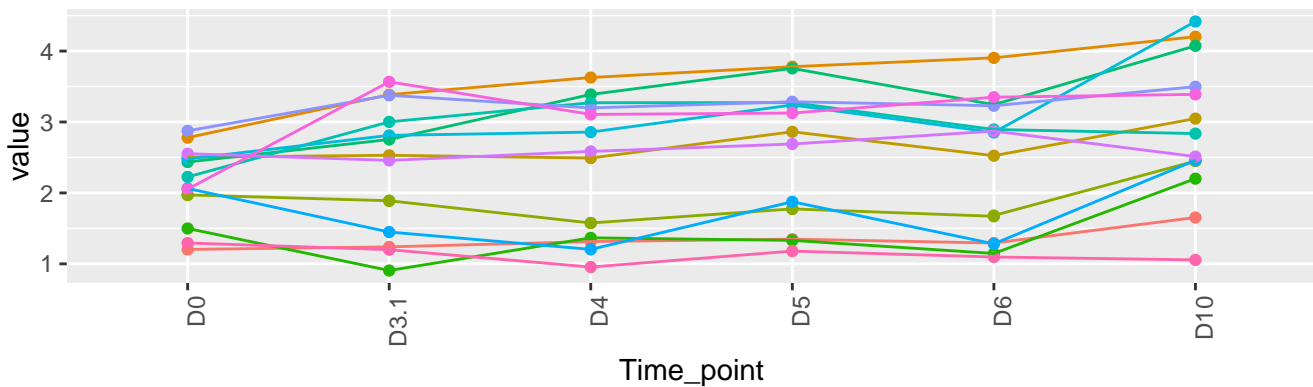
16 genes – WT-cluster-124-original



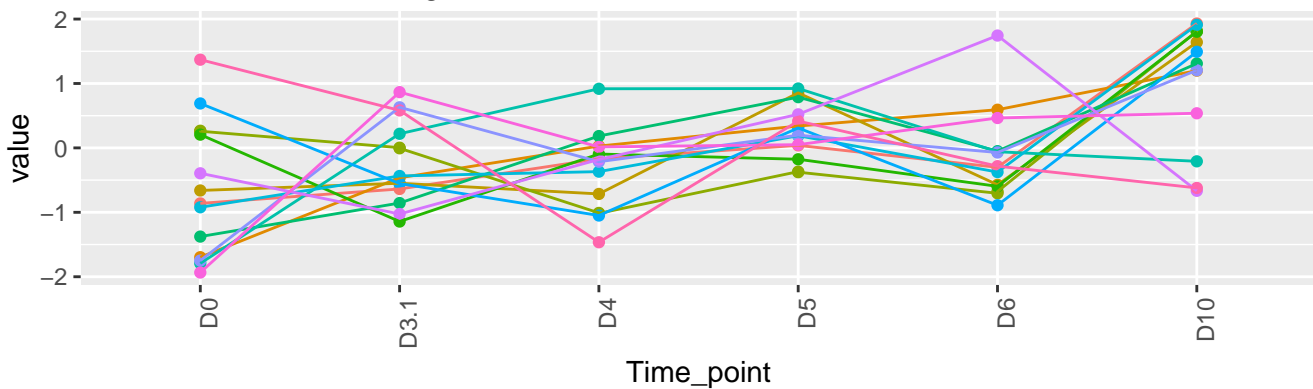
16 genes – WT-cluster-124-standardized



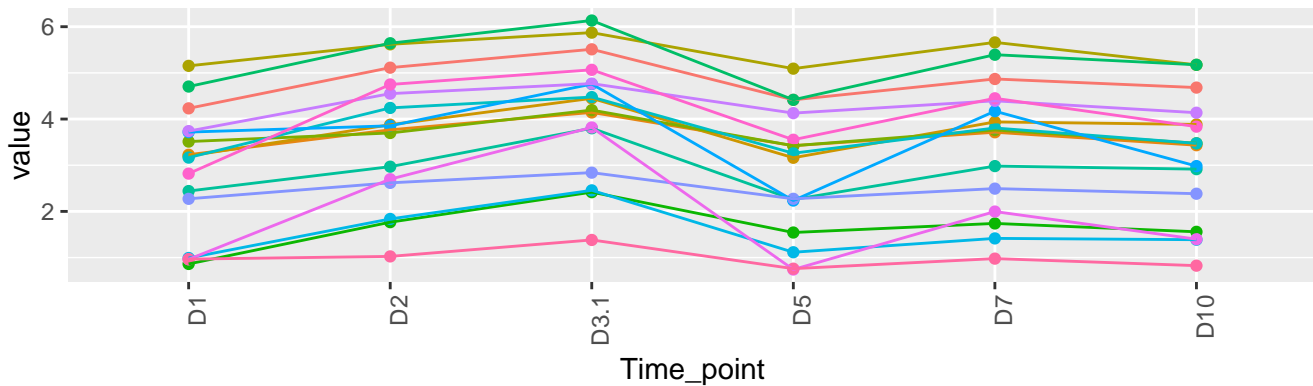
14 genes – KO-cluster-124-original



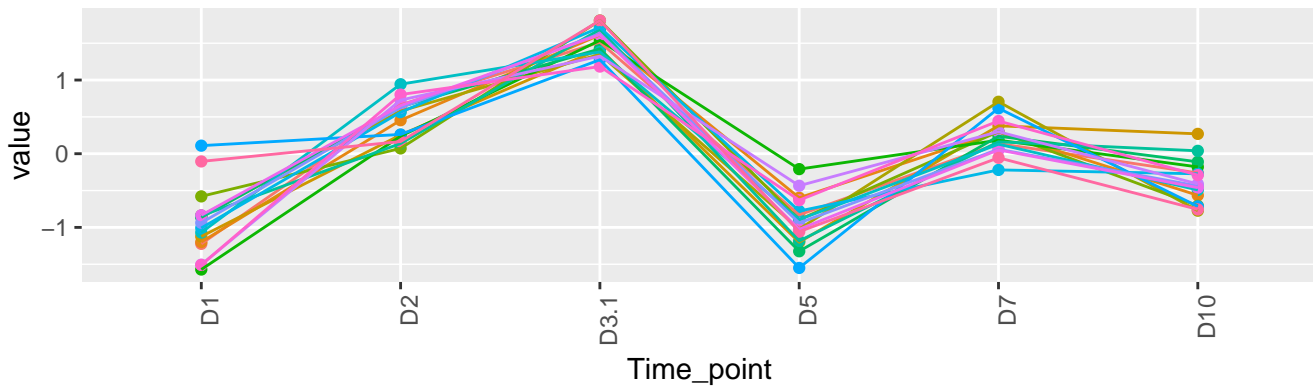
14 genes – KO-cluster-124-standardized



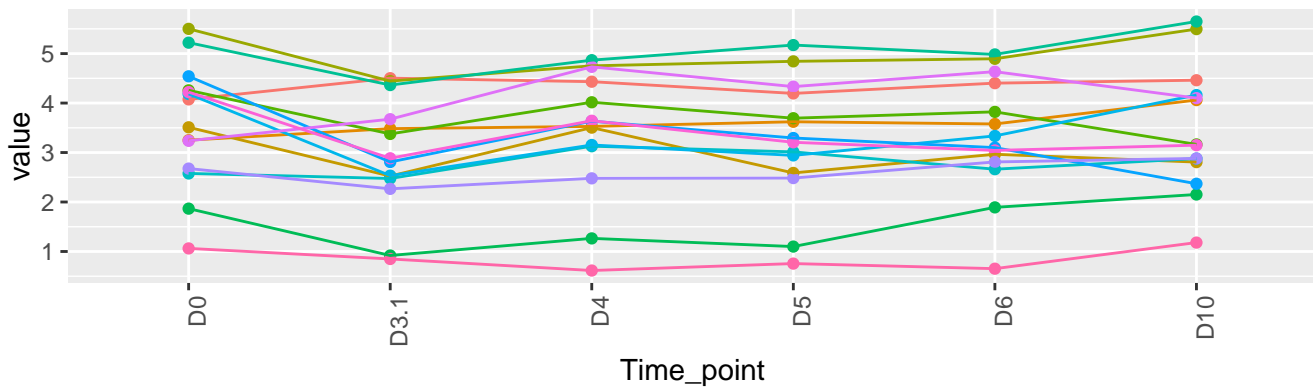
16 genes – WT-cluster-123-original



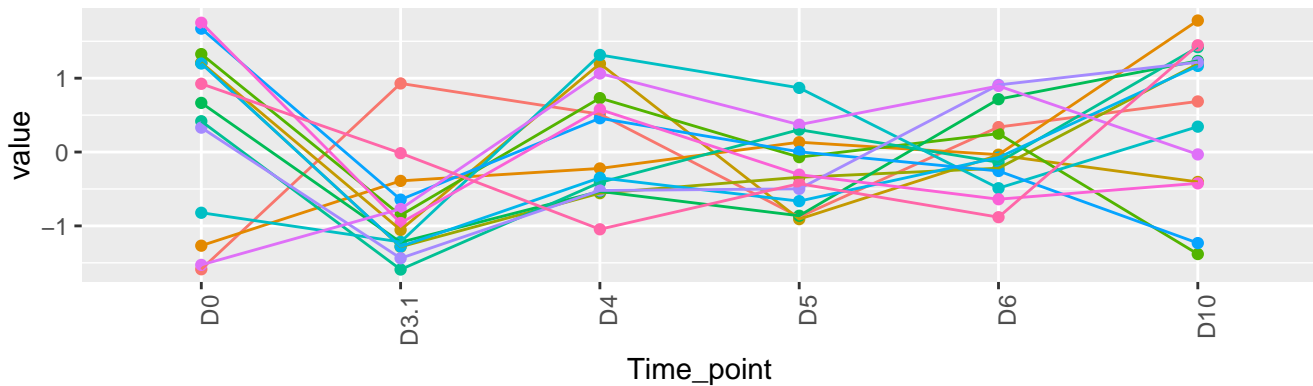
16 genes – WT-cluster-123-standardized



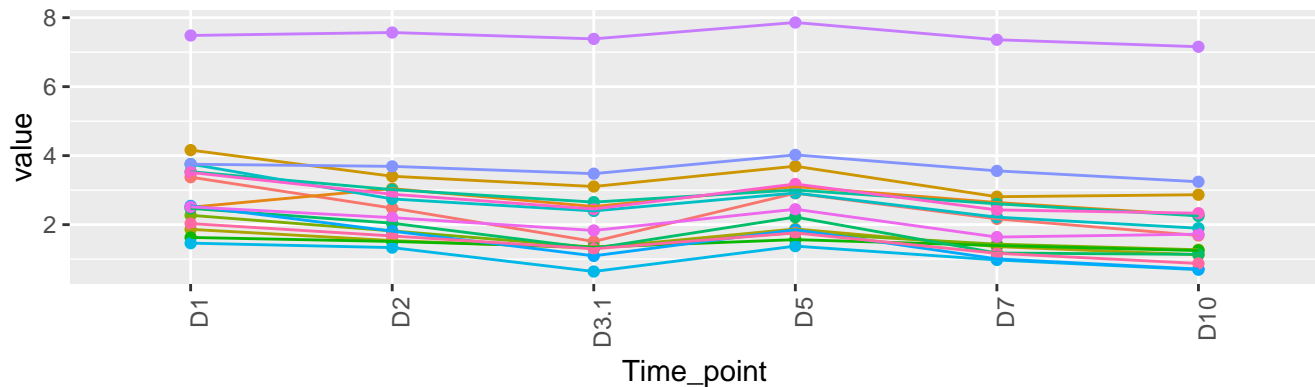
14 genes – KO-cluster-123-original



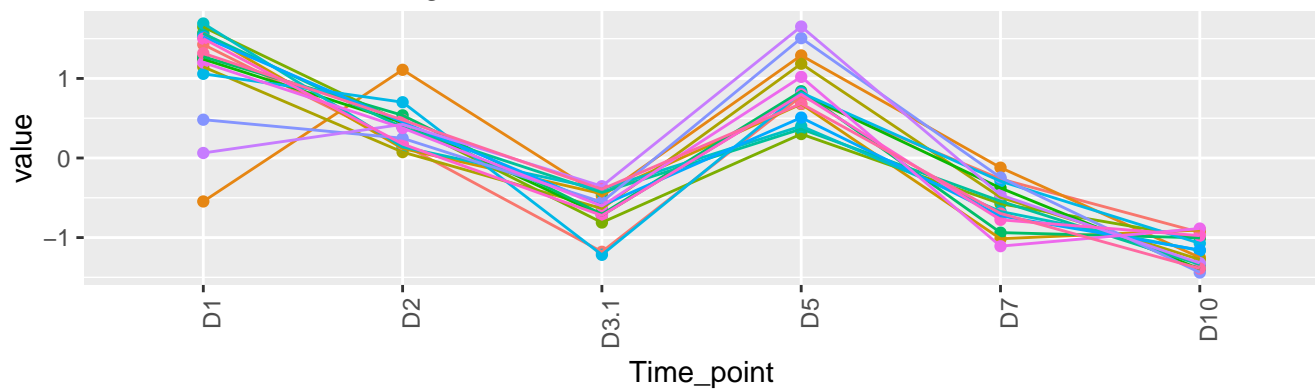
14 genes – KO-cluster-123-standardized



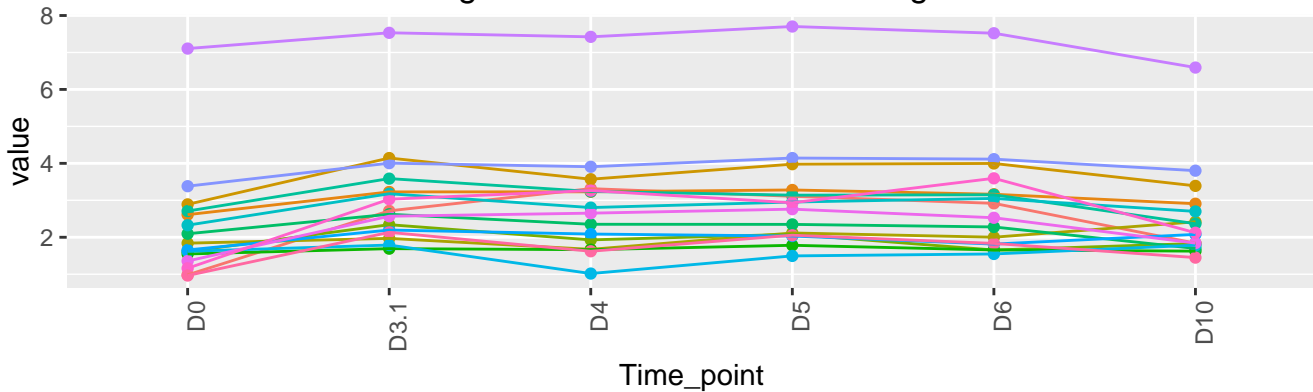
16 genes – WT-cluster-122-original



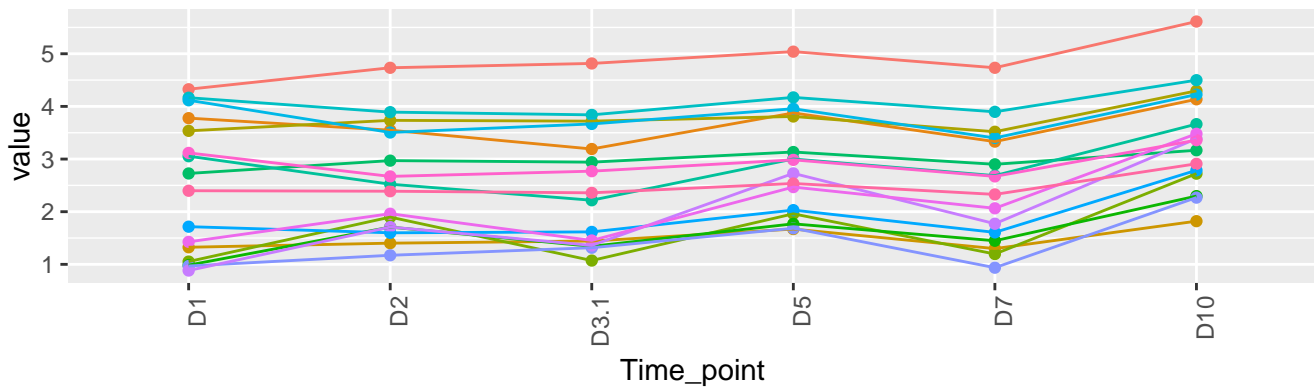
16 genes – WT-cluster-122-standardized



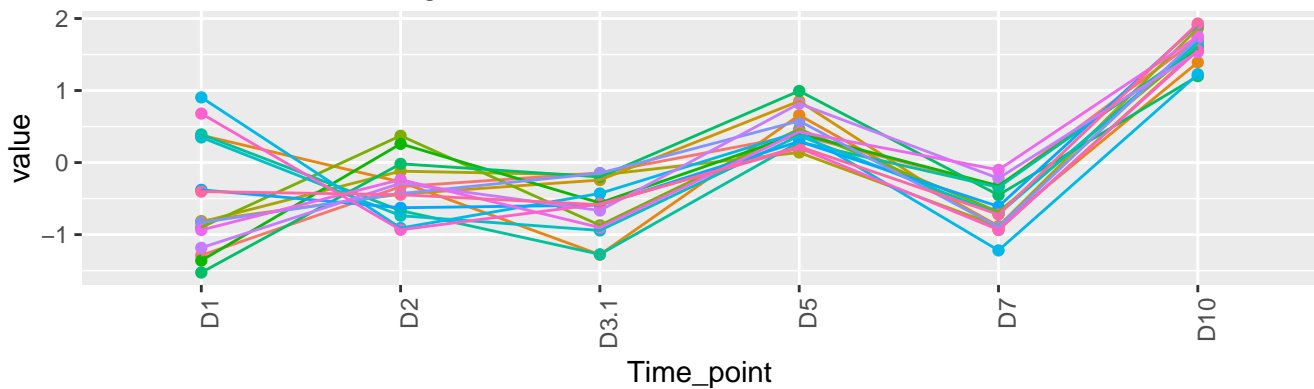
16 genes – KO-cluster-122-original



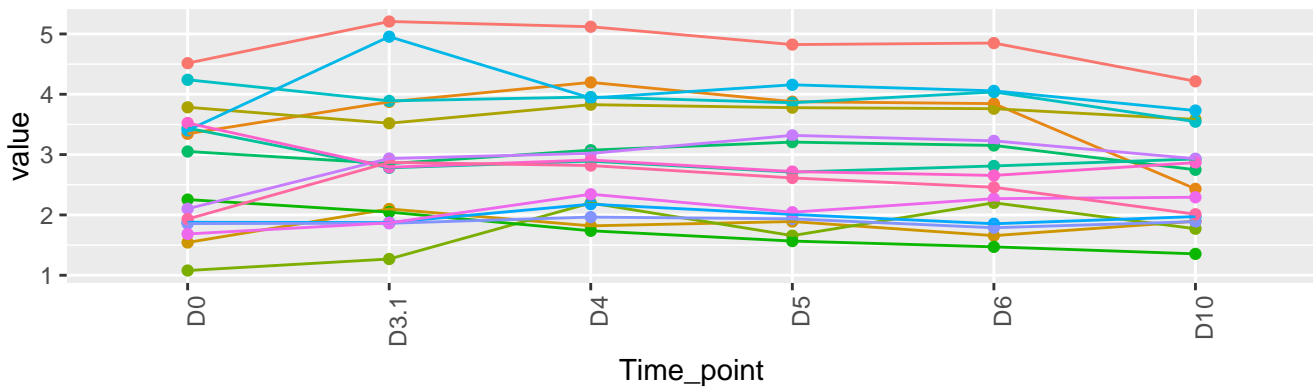
16 genes – WT-cluster-121-original



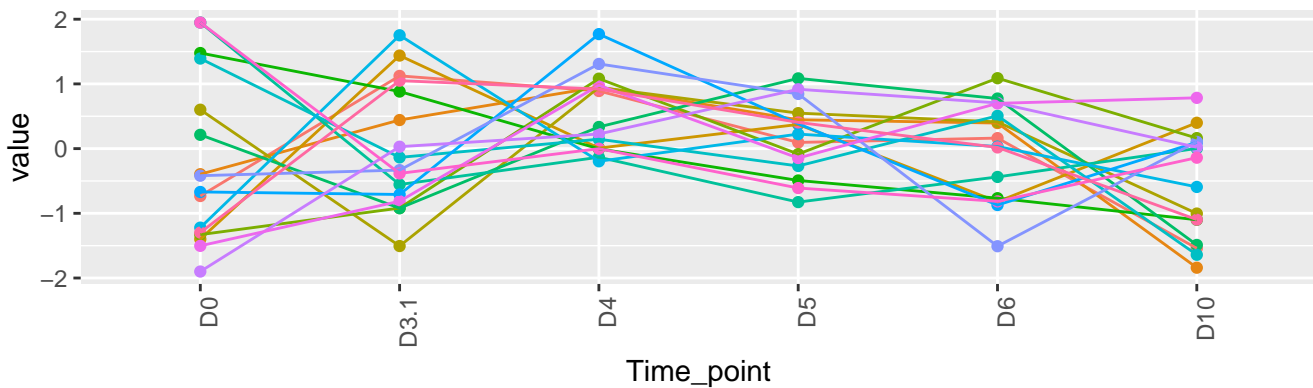
16 genes – WT-cluster-121-standardized



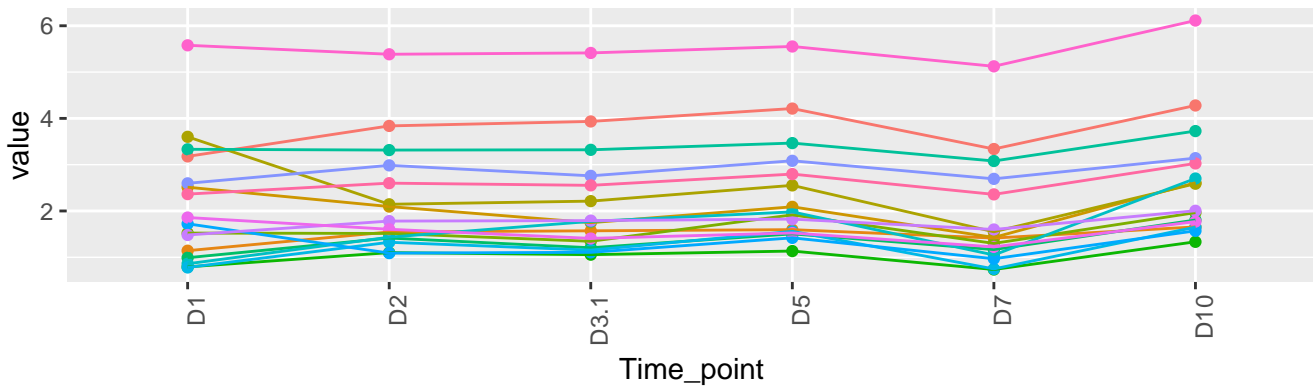
16 genes – KO-cluster-121-original



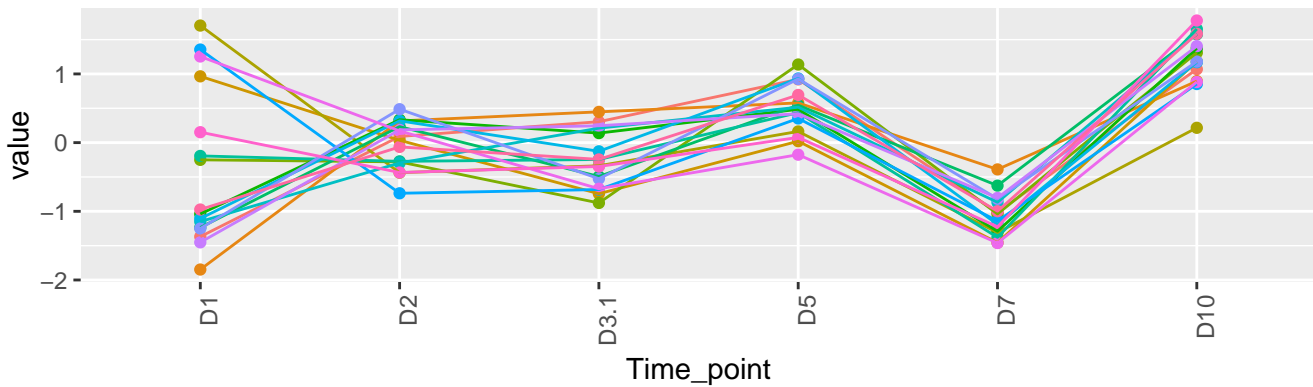
16 genes – KO-cluster-121-standardized



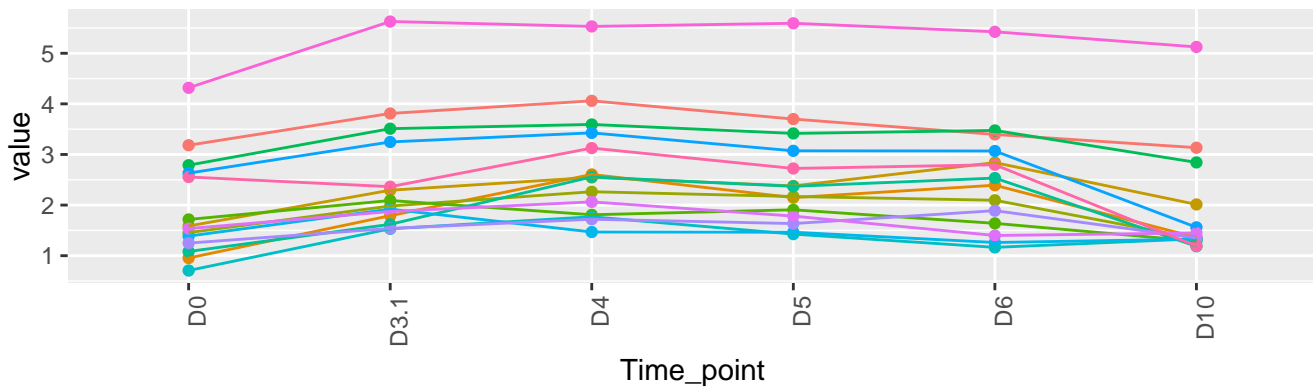
16 genes – WT-cluster-120-original



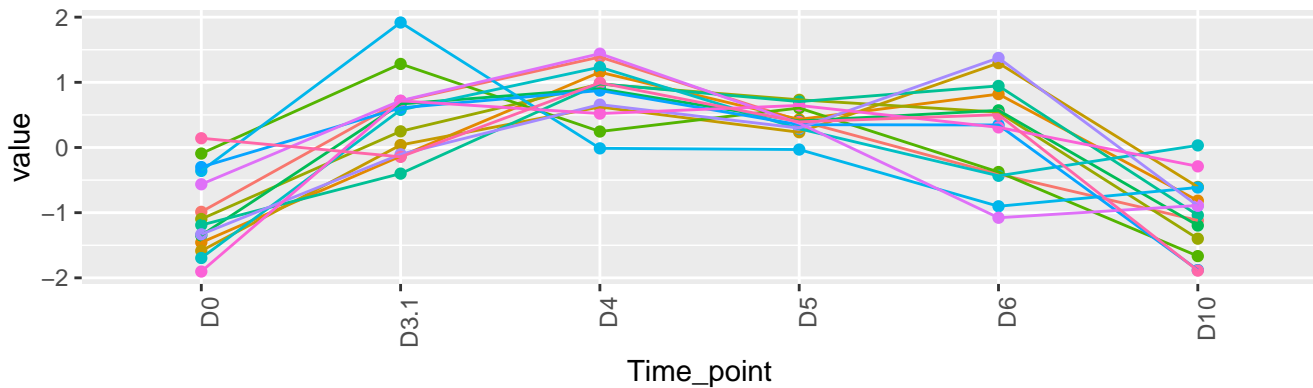
16 genes – WT-cluster-120-standardized



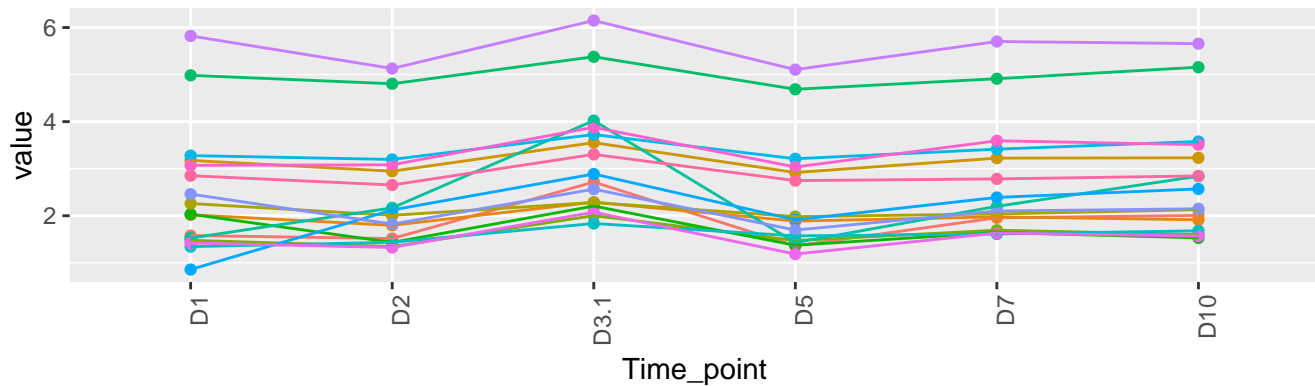
14 genes – KO-cluster-120-original



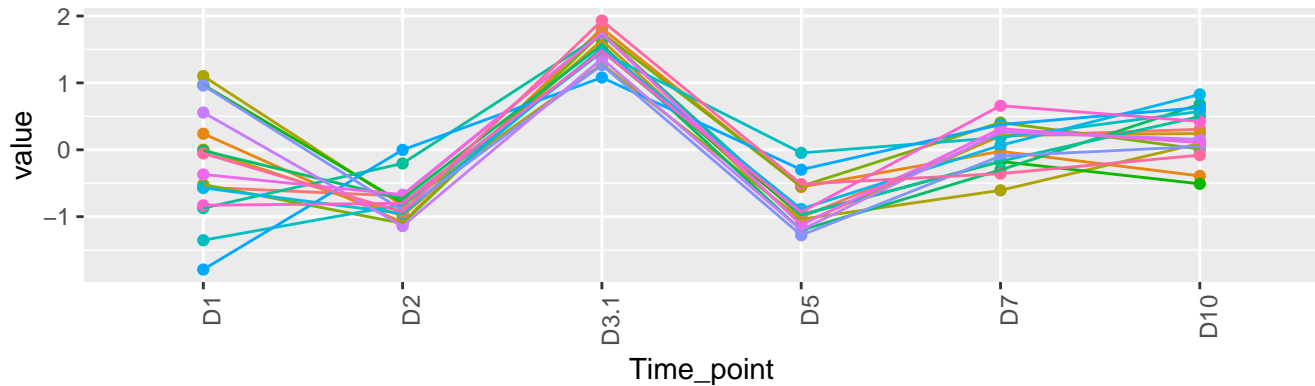
14 genes – KO-cluster-120-standardized



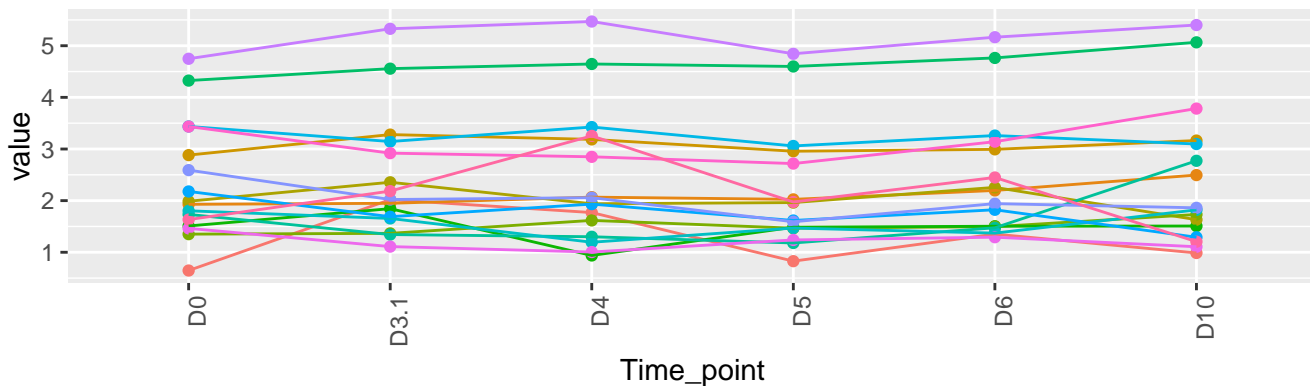
16 genes – WT-cluster-119-original



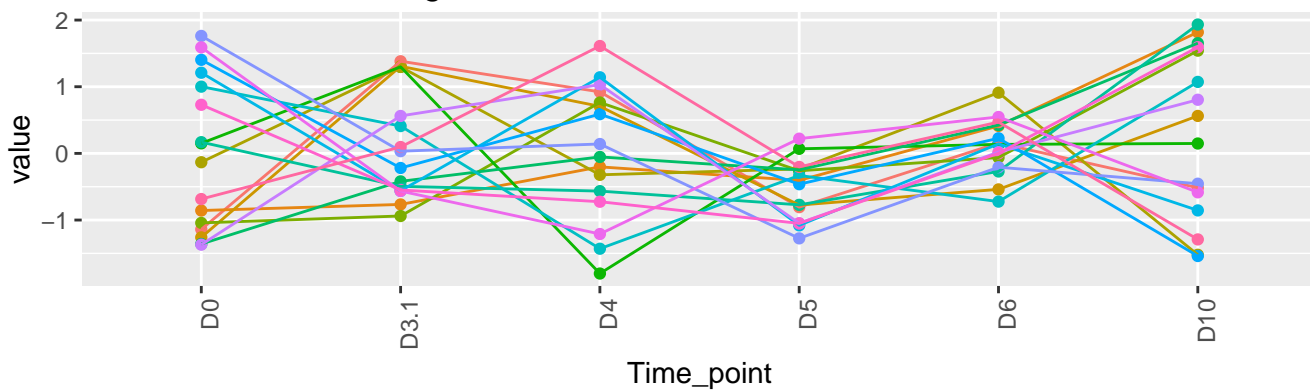
16 genes – WT-cluster-119-standardized



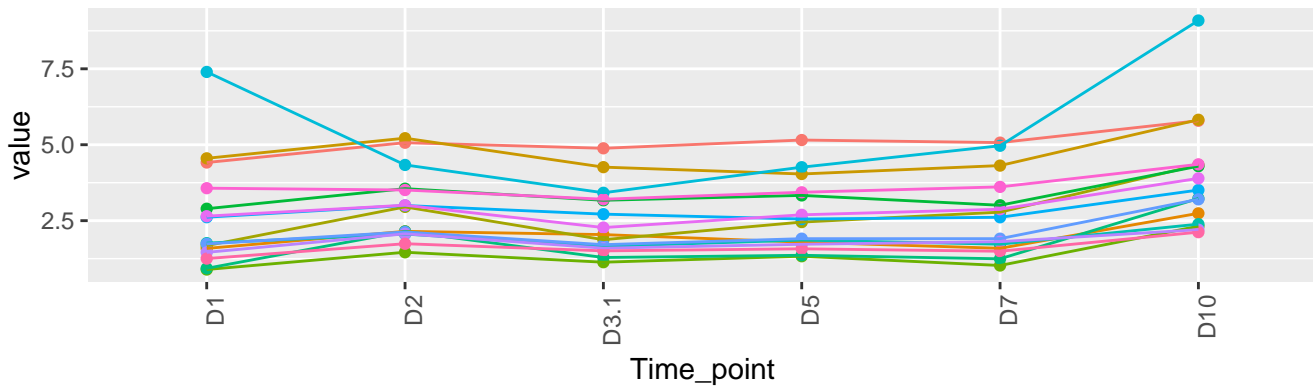
16 genes – KO-cluster-119-original



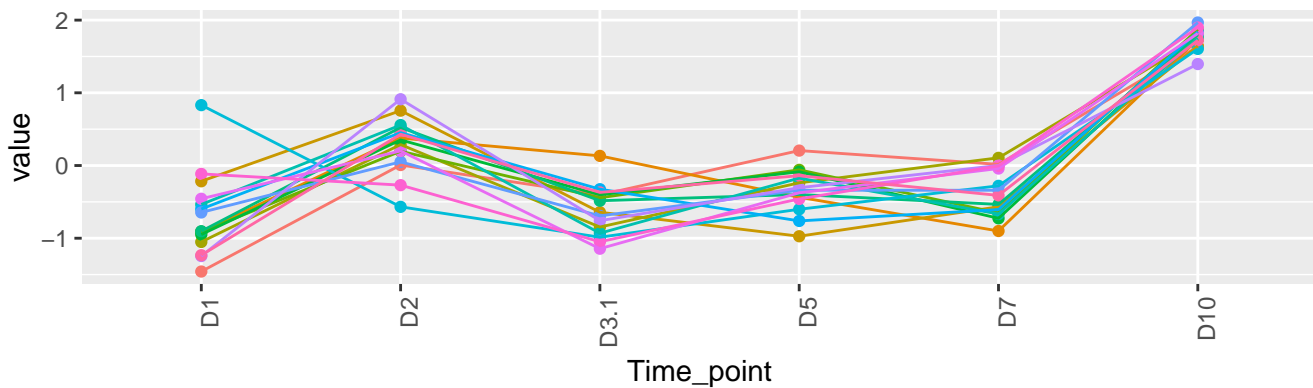
16 genes – KO-cluster-119-standardized



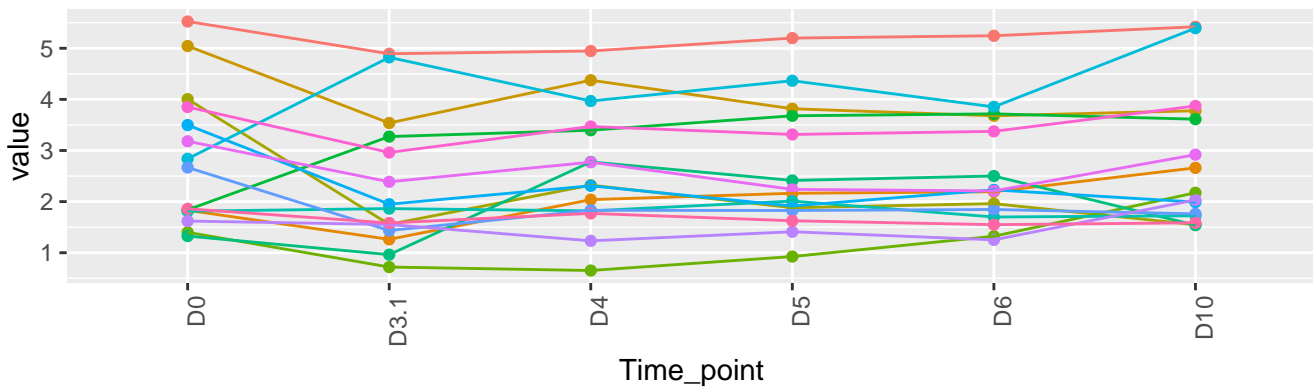
15 genes – WT-cluster-118-original



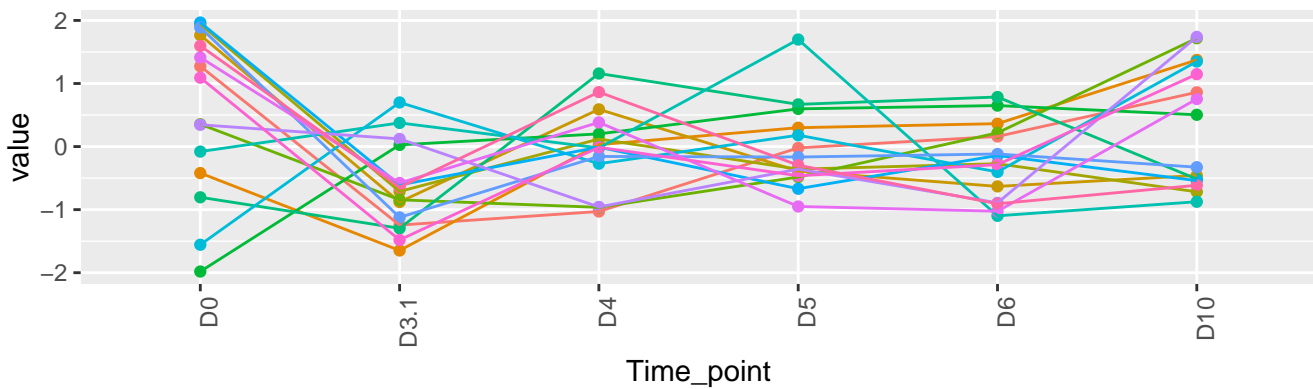
15 genes – WT-cluster-118-standardized



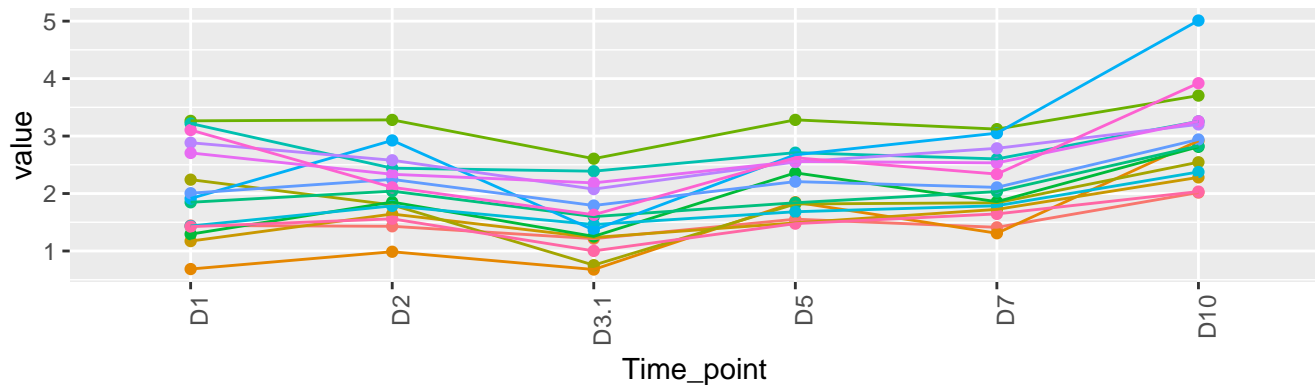
15 genes – KO-cluster-118-original



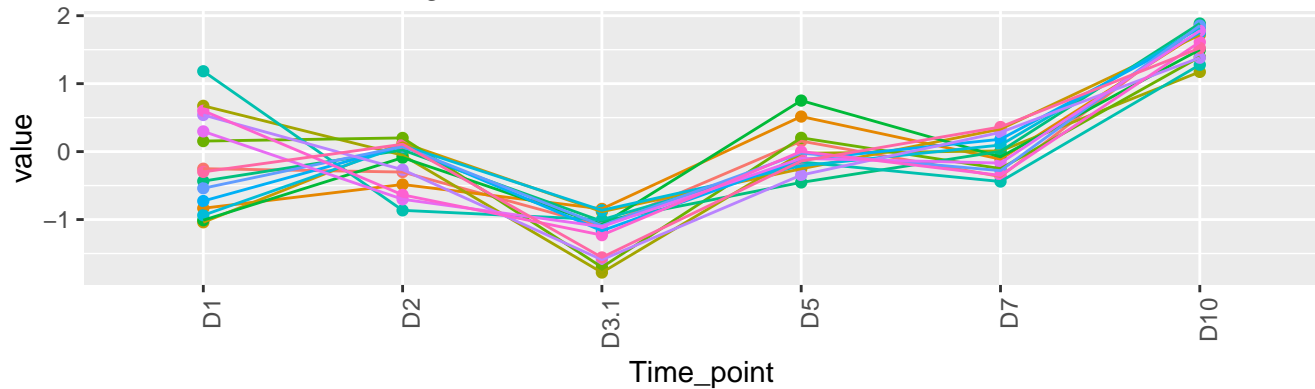
15 genes – KO-cluster-118-standardized



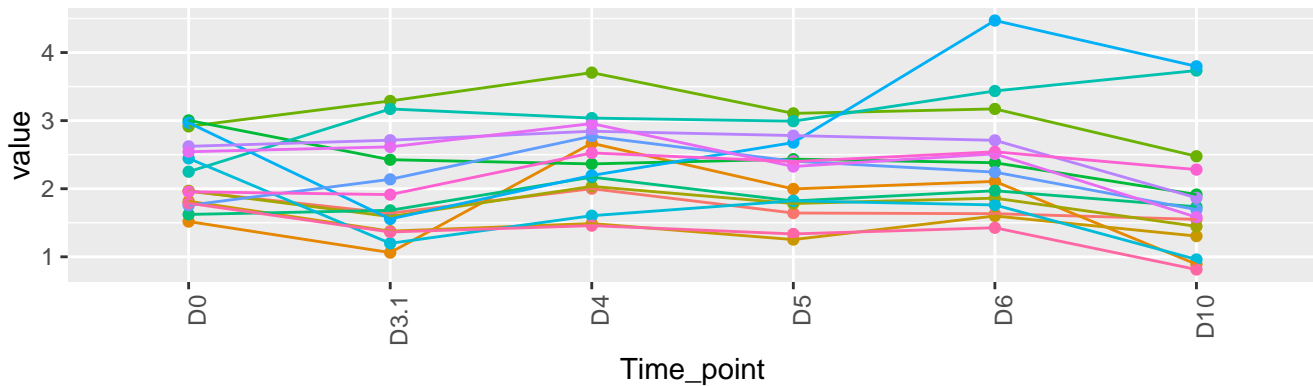
15 genes – WT-cluster-117-original



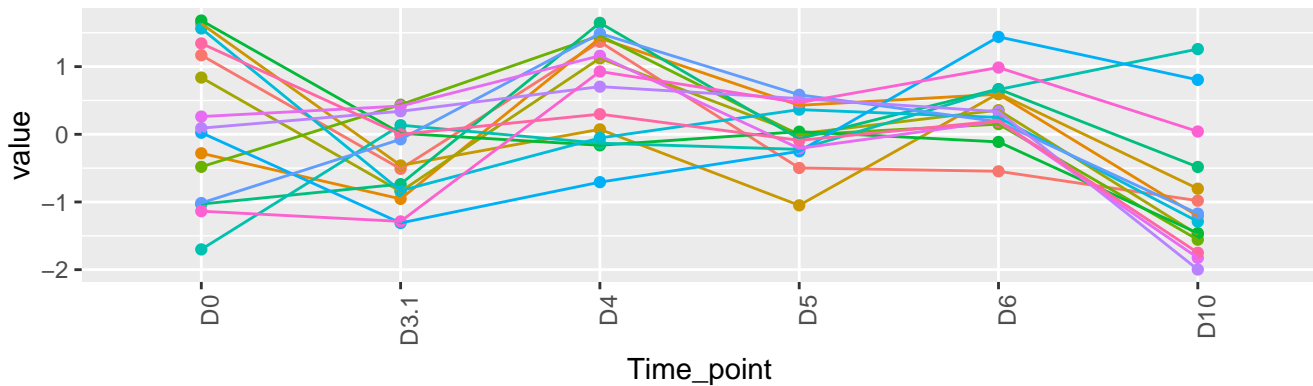
15 genes – WT-cluster-117-standardized



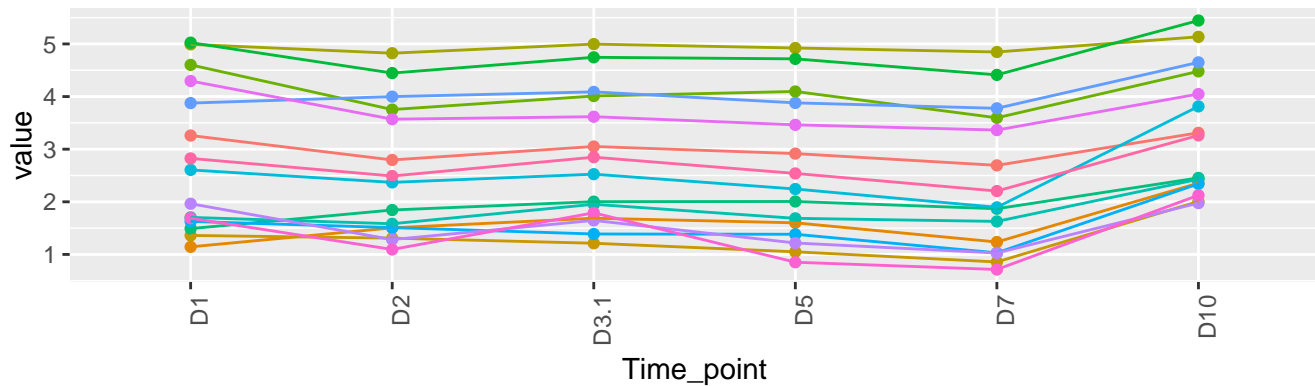
15 genes – KO-cluster-117-original



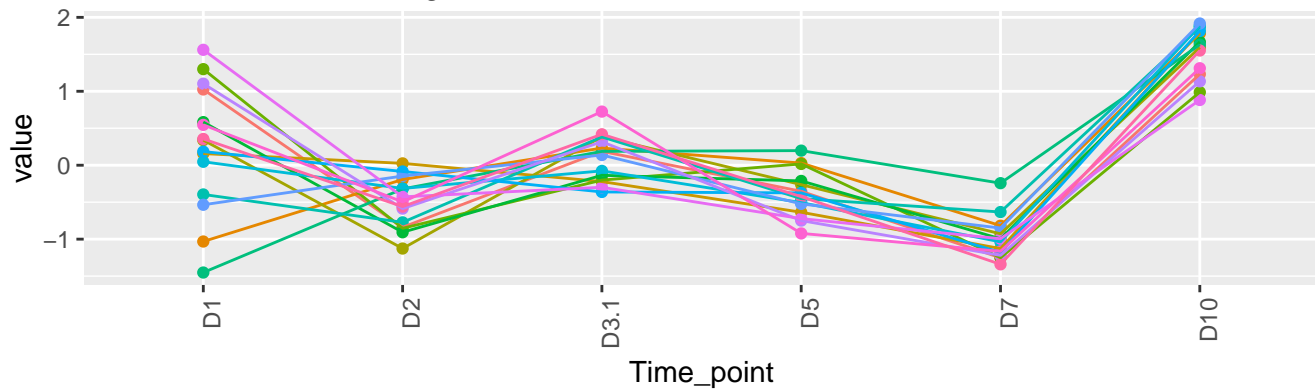
15 genes – KO-cluster-117-standardized



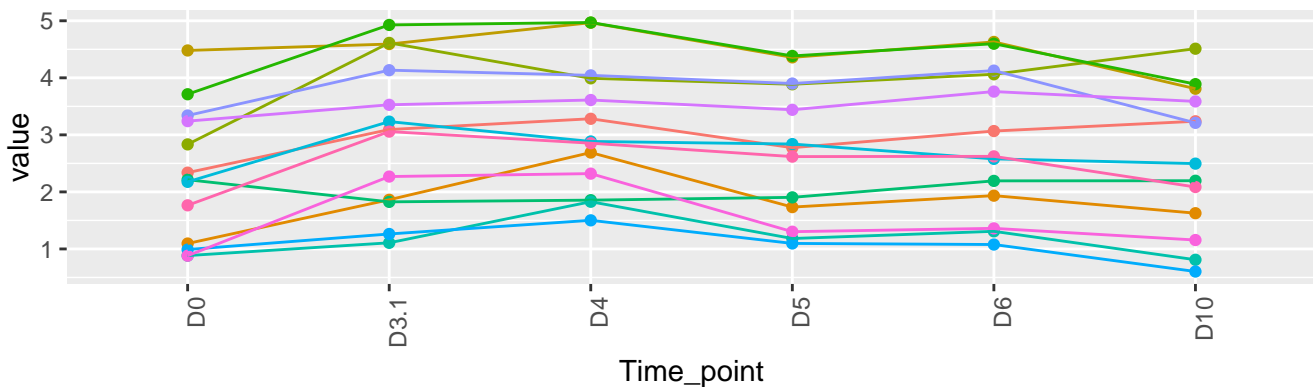
15 genes – WT-cluster-116-original



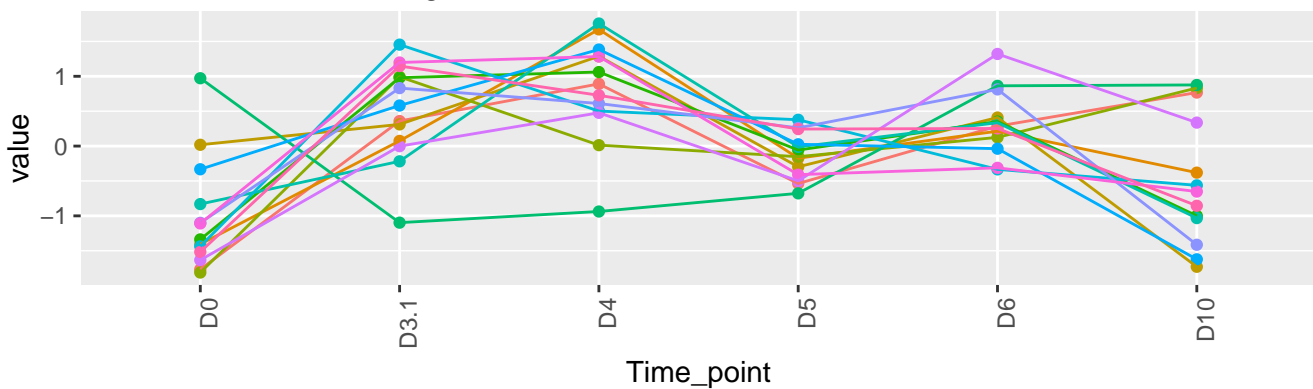
15 genes – WT-cluster-116-standardized



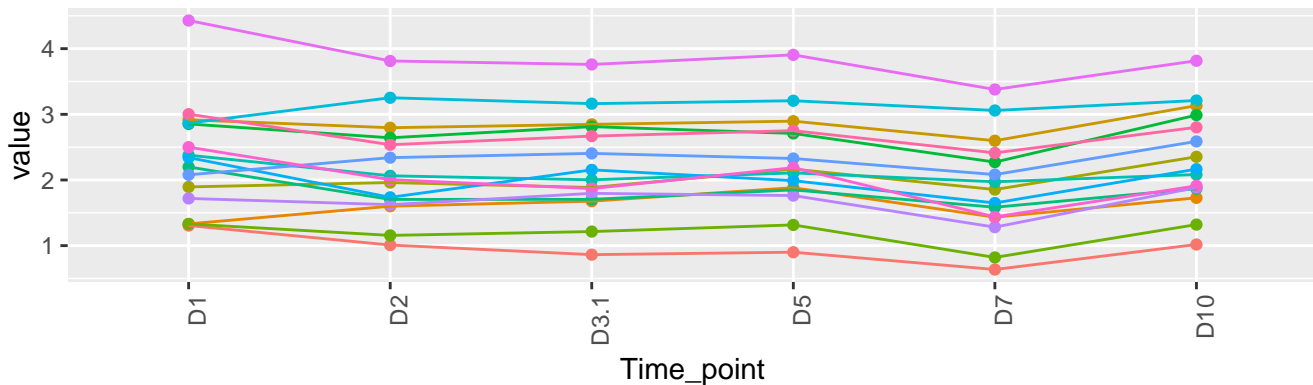
13 genes – KO-cluster-116–original



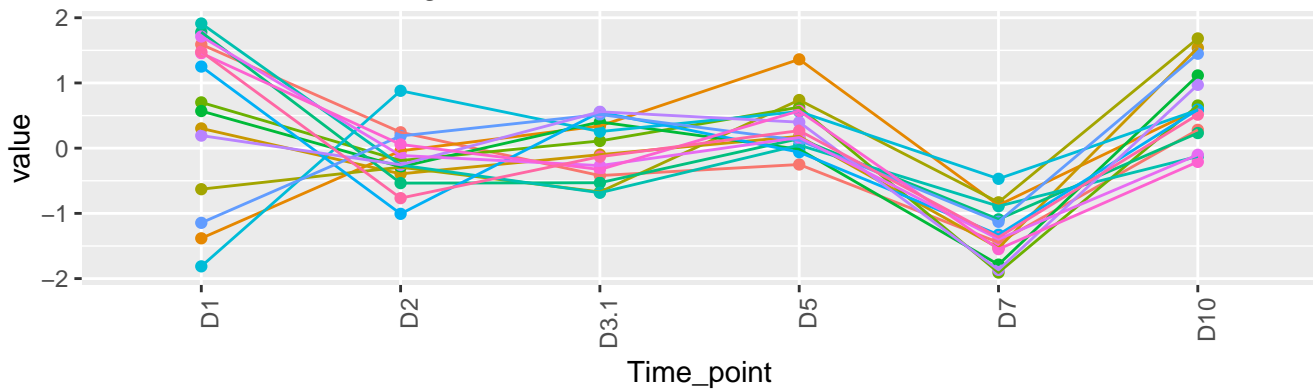
13 genes – KO-cluster-116–standardized



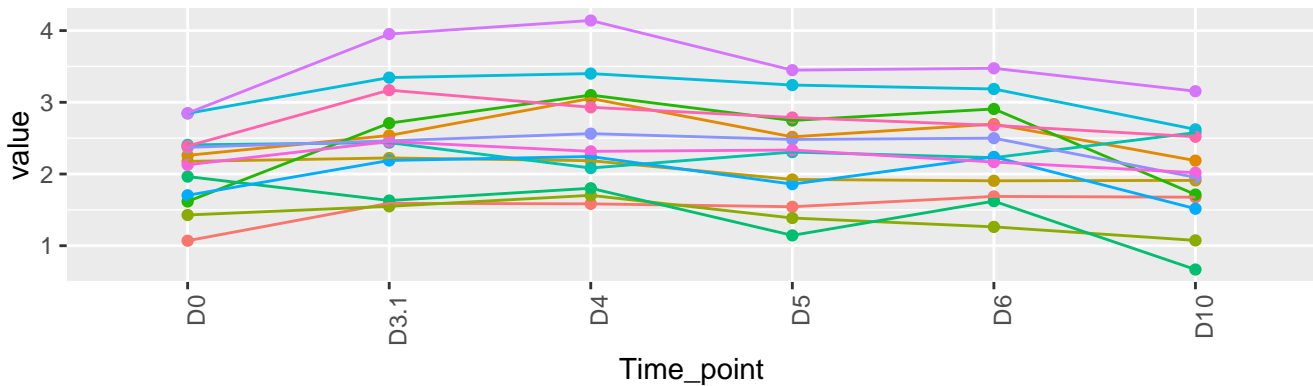
15 genes – WT-cluster-115-original



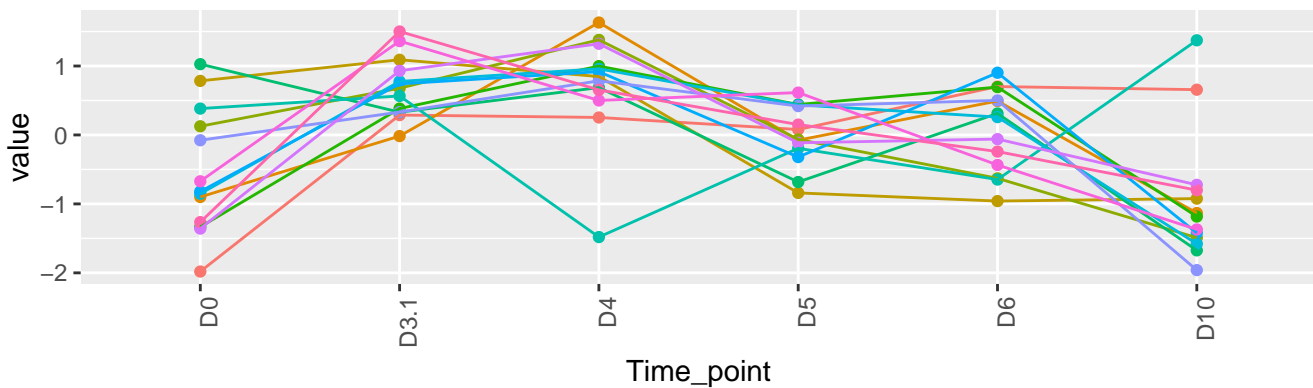
15 genes – WT-cluster-115-standardized



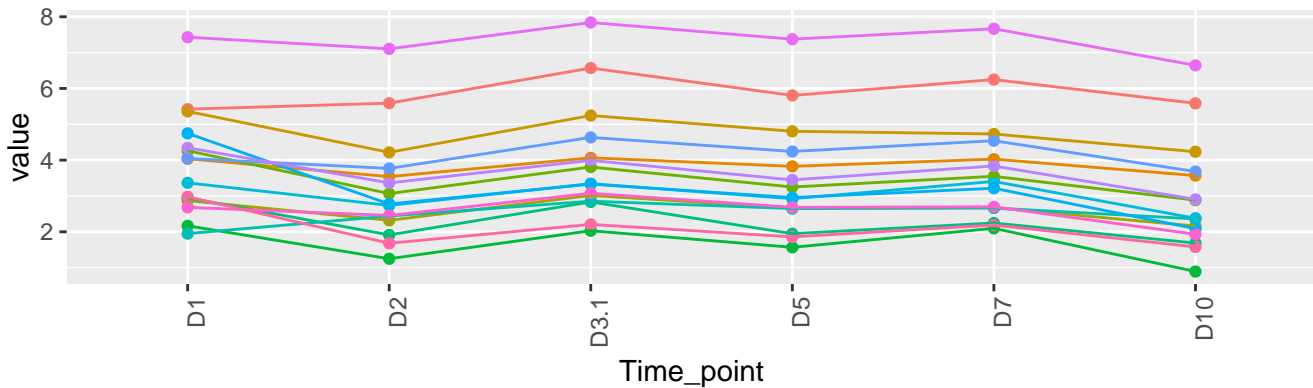
13 genes – KO-cluster-115-original



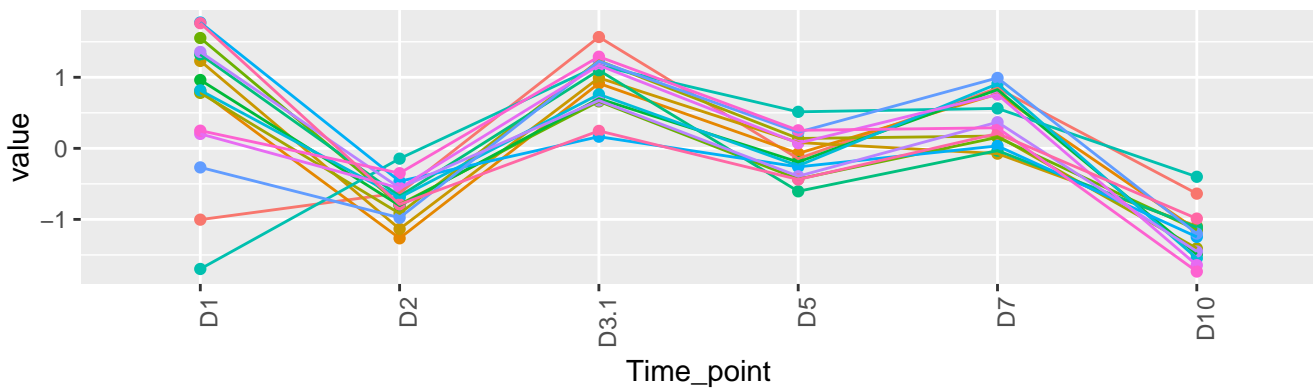
13 genes – KO-cluster-115-standardized



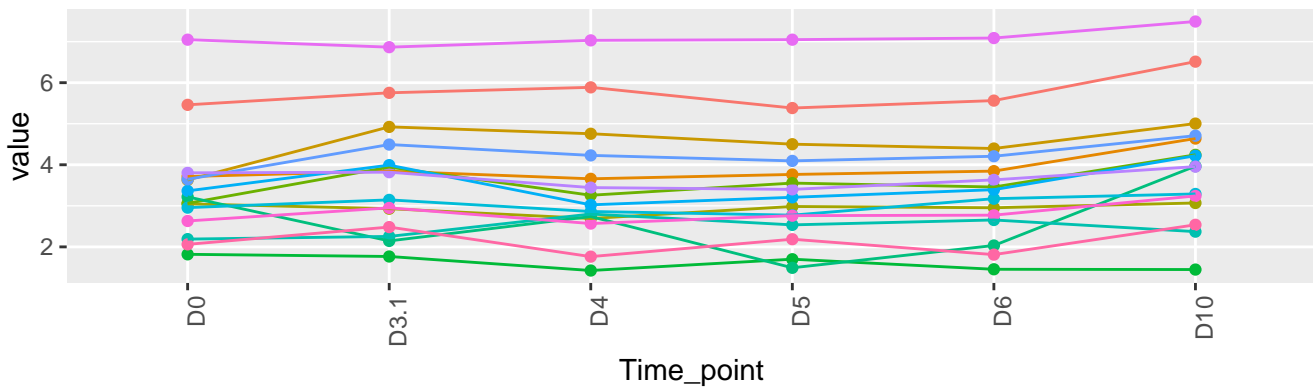
15 genes – WT-cluster-114-original



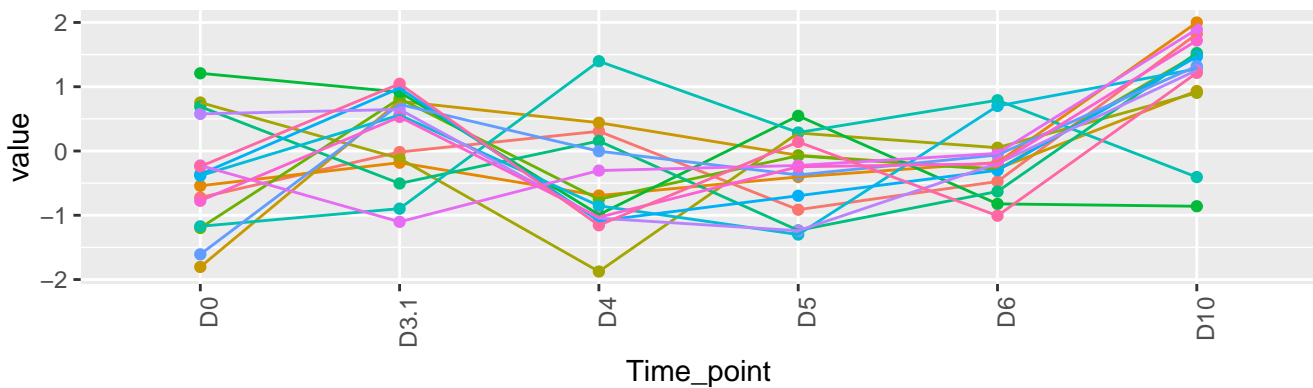
15 genes – WT-cluster-114-standardized



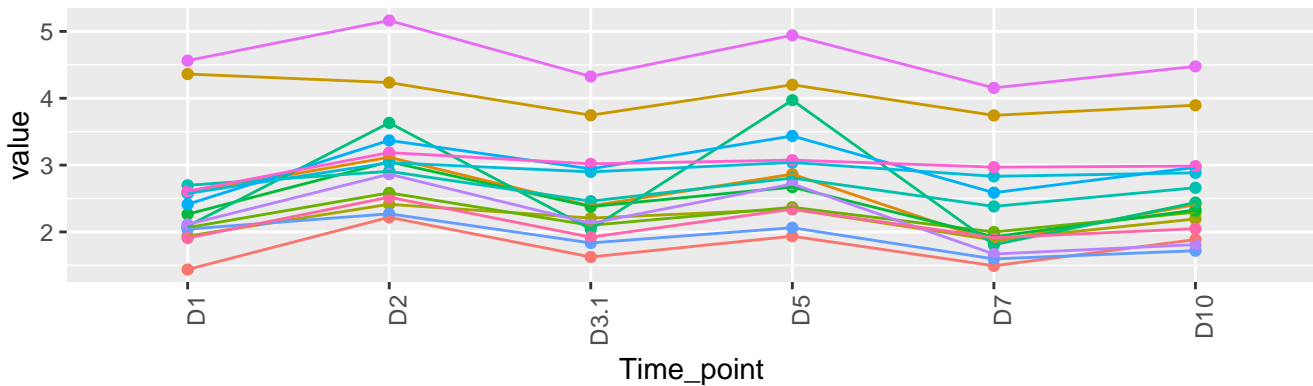
15 genes – KO-cluster-114-original



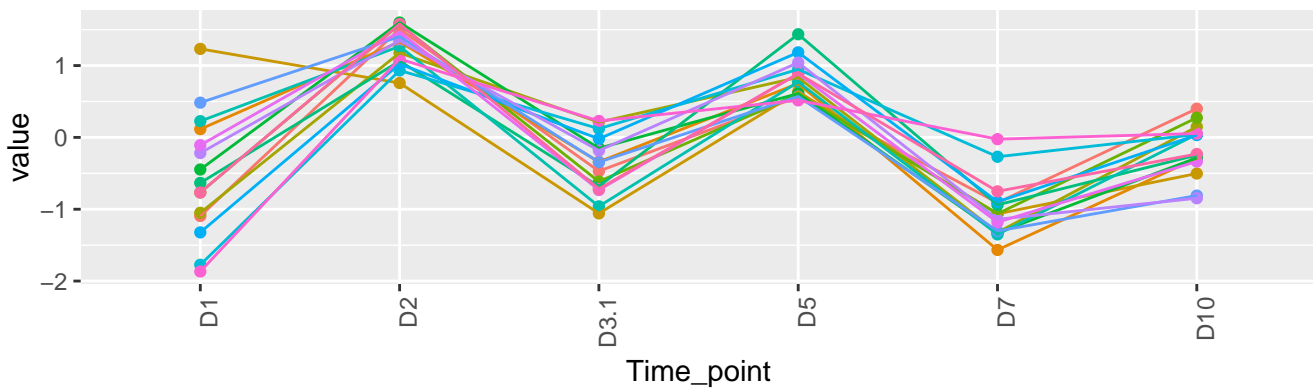
15 genes – KO-cluster-114-standardized



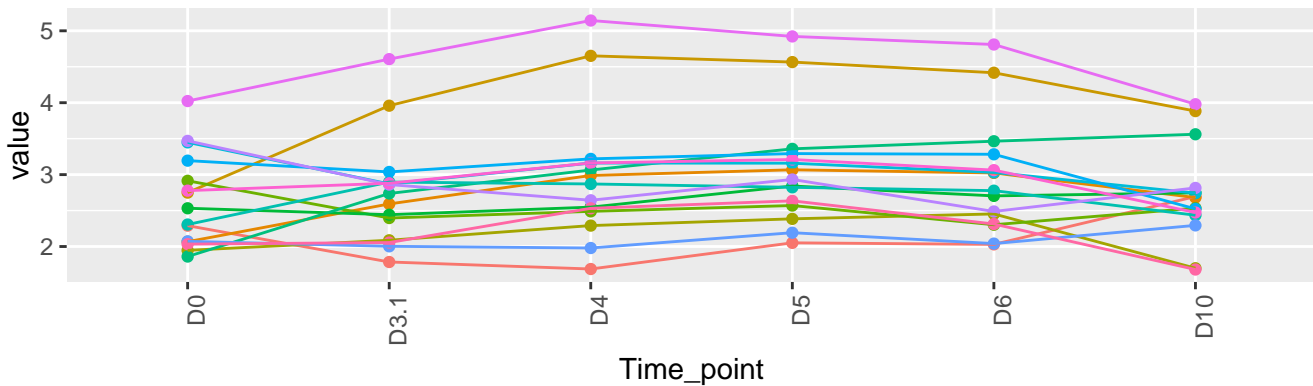
15 genes – WT-cluster-113-original



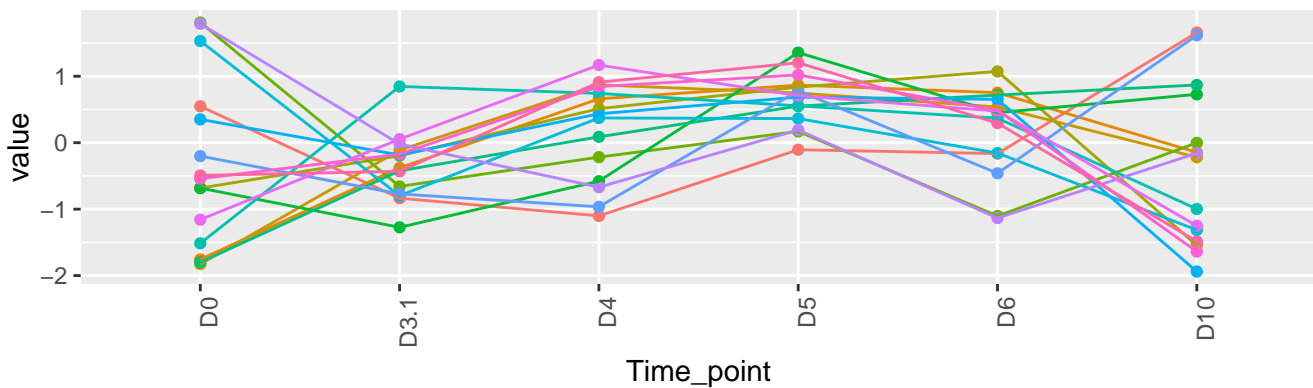
15 genes – WT-cluster-113-standardized



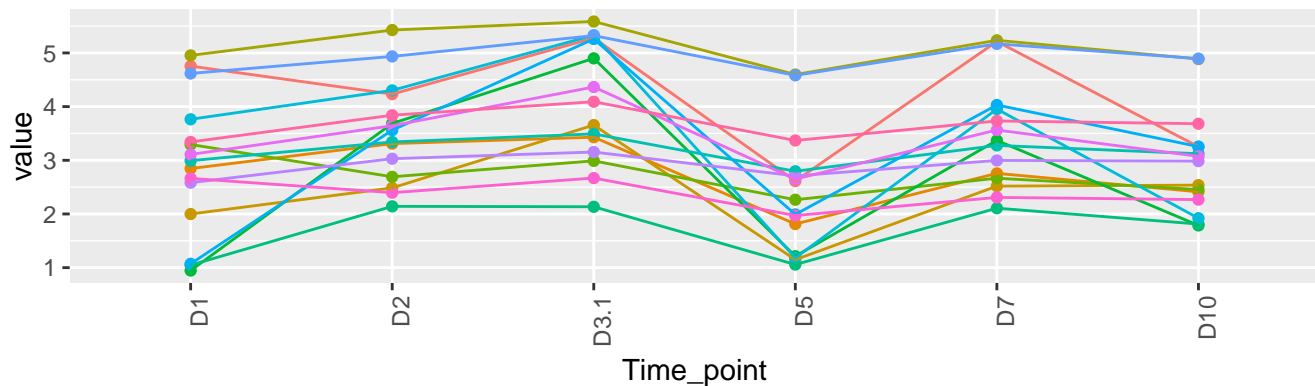
15 genes – KO-cluster-113-original



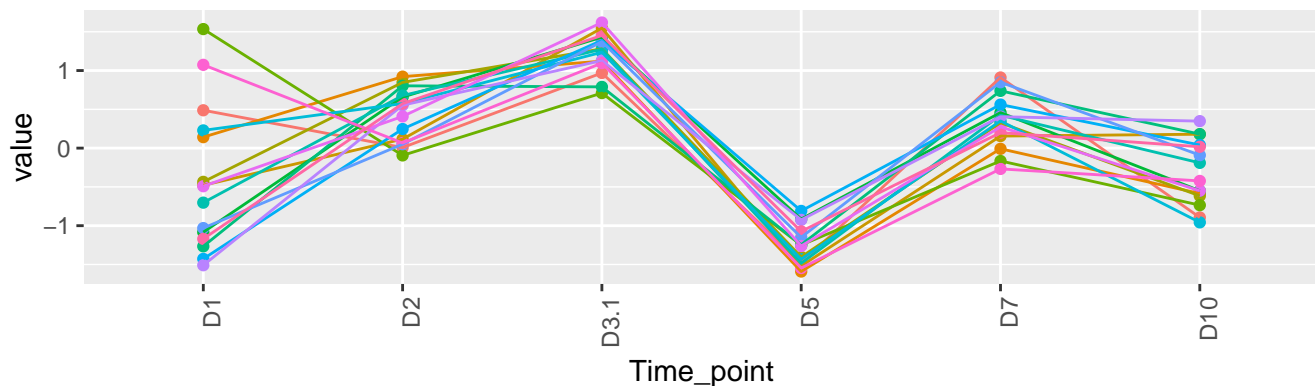
15 genes – KO-cluster-113-standardized



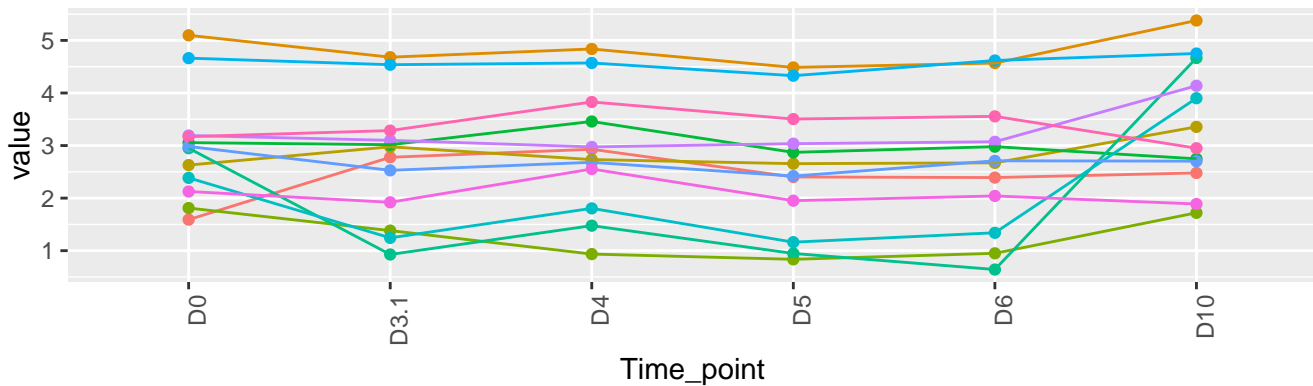
15 genes – WT-cluster-112-original



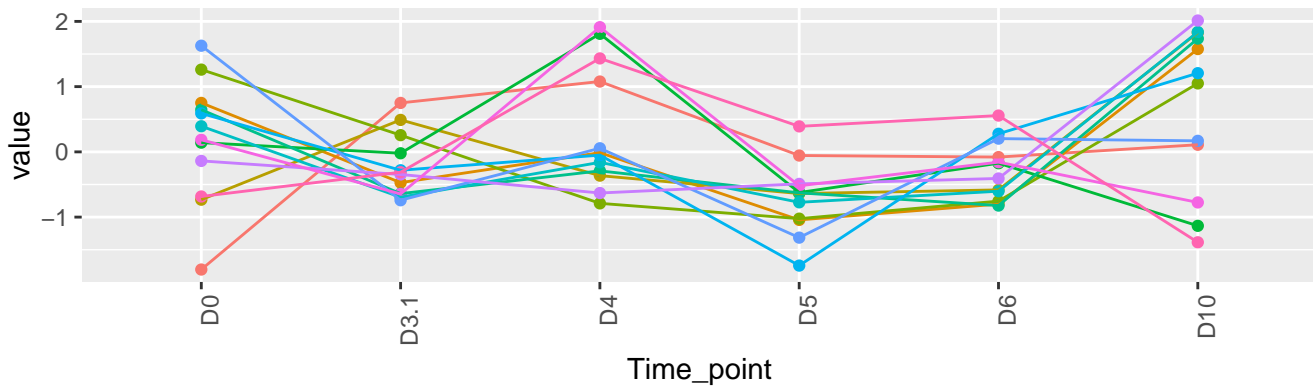
15 genes – WT-cluster-112-standardized



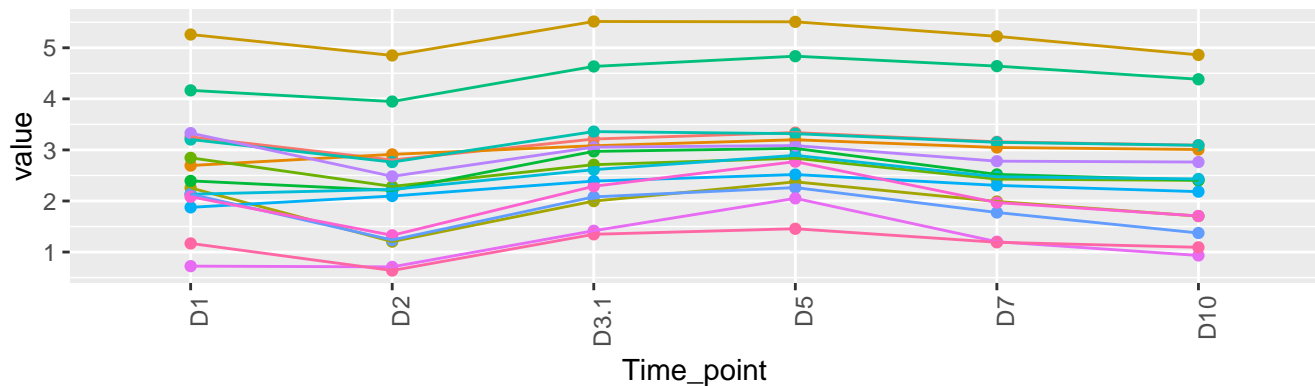
12 genes – KO-cluster-112-original



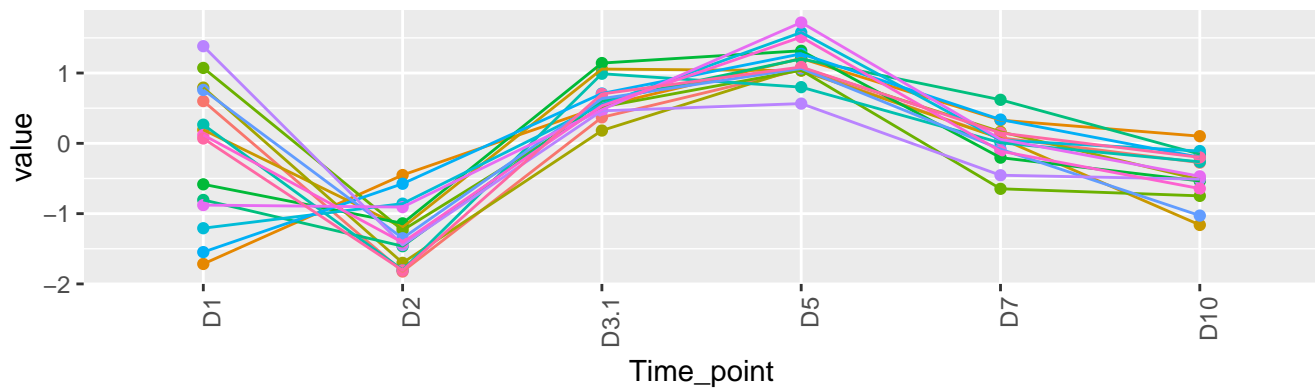
12 genes – KO-cluster-112-standardized



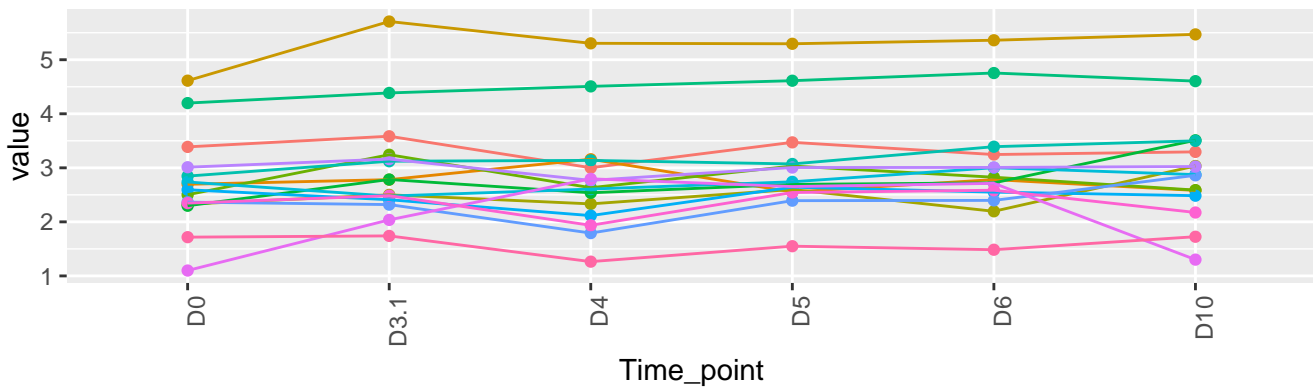
15 genes – WT-cluster-111-original



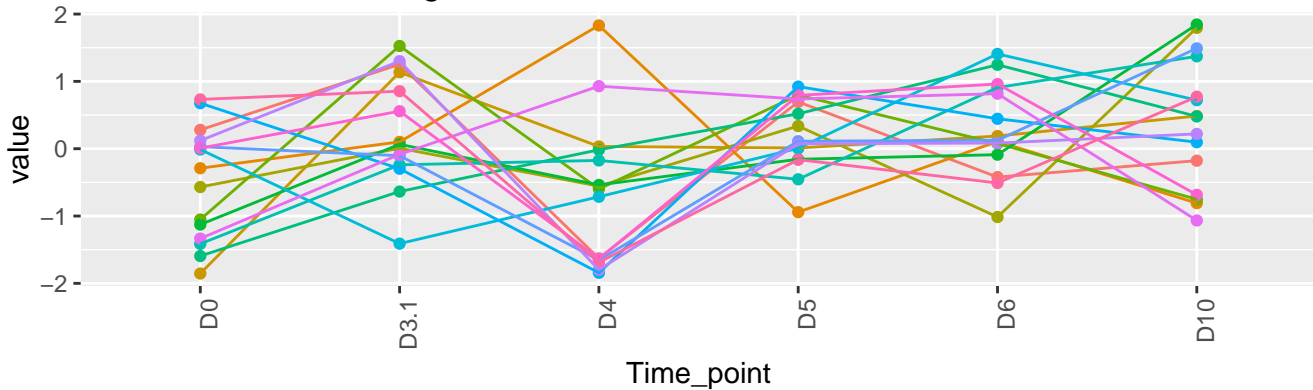
15 genes – WT-cluster-111-standardized



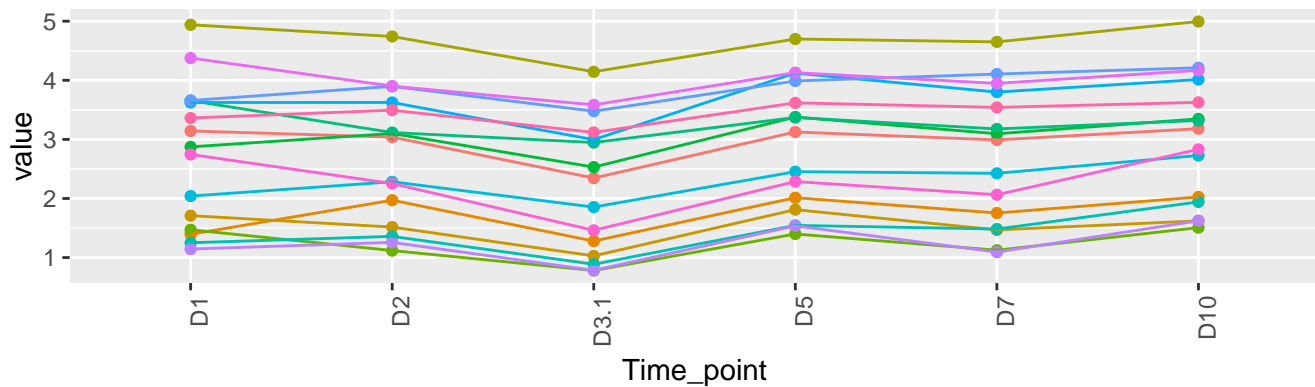
15 genes – KO-cluster-111-original



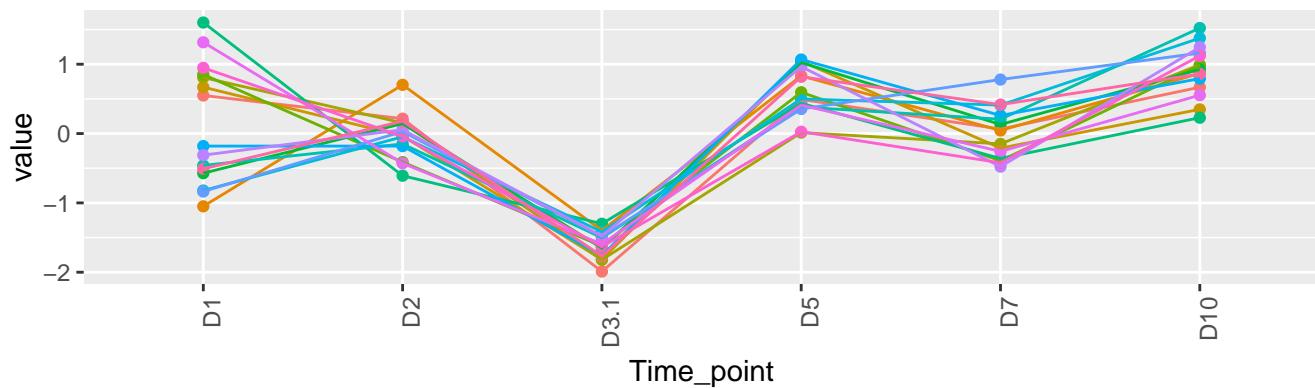
15 genes – KO-cluster-111-standardized



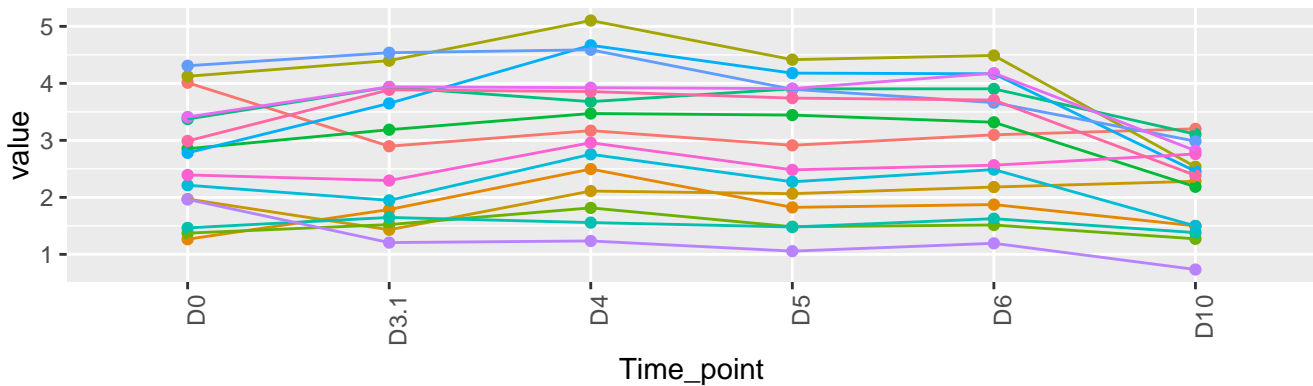
15 genes – WT-cluster-110-original



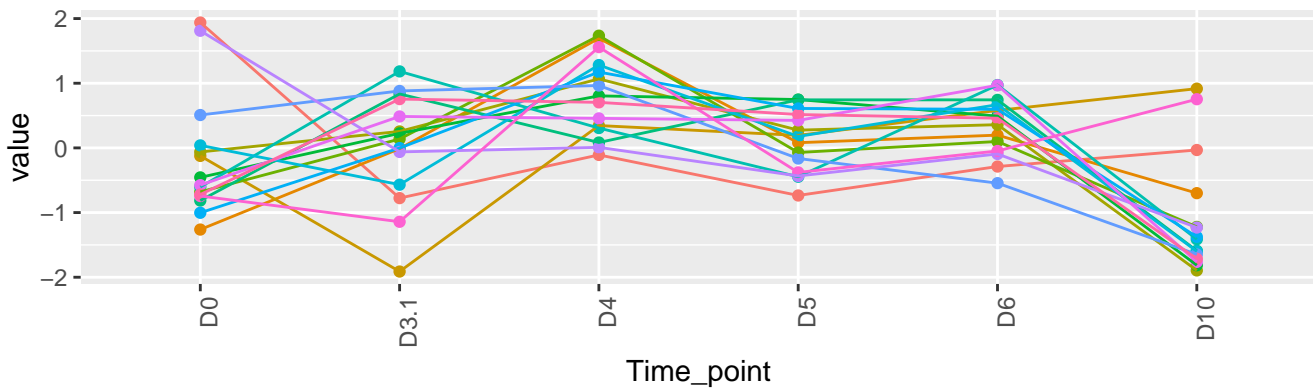
15 genes – WT-cluster-110-standardized



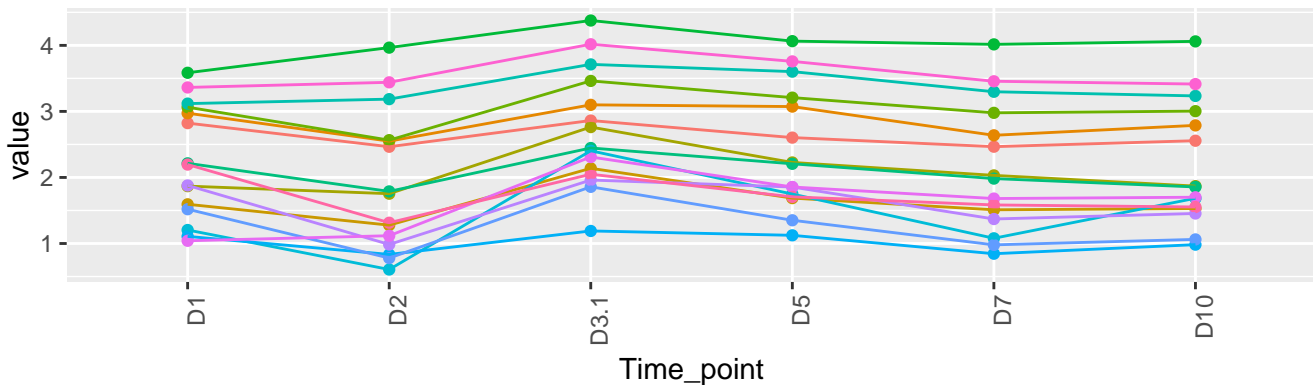
15 genes – KO-cluster-110-original



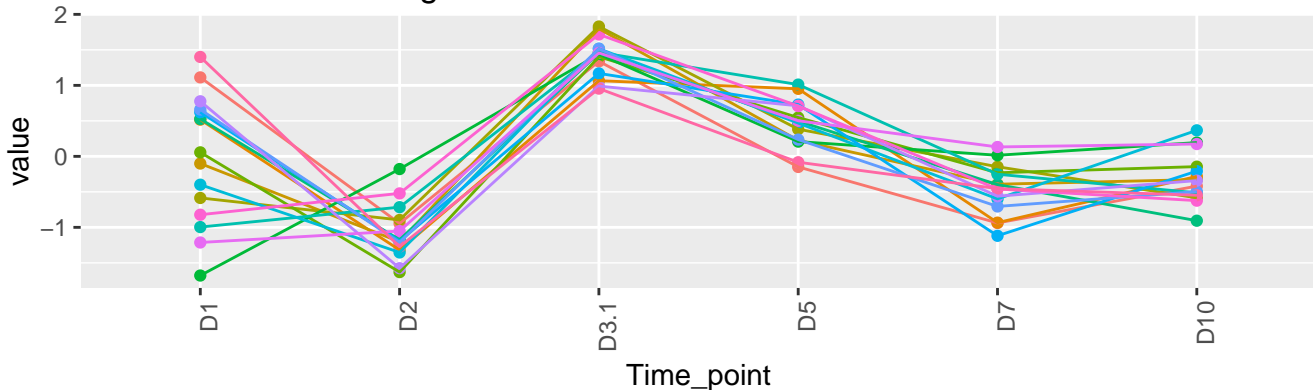
15 genes – KO-cluster-110-standardized



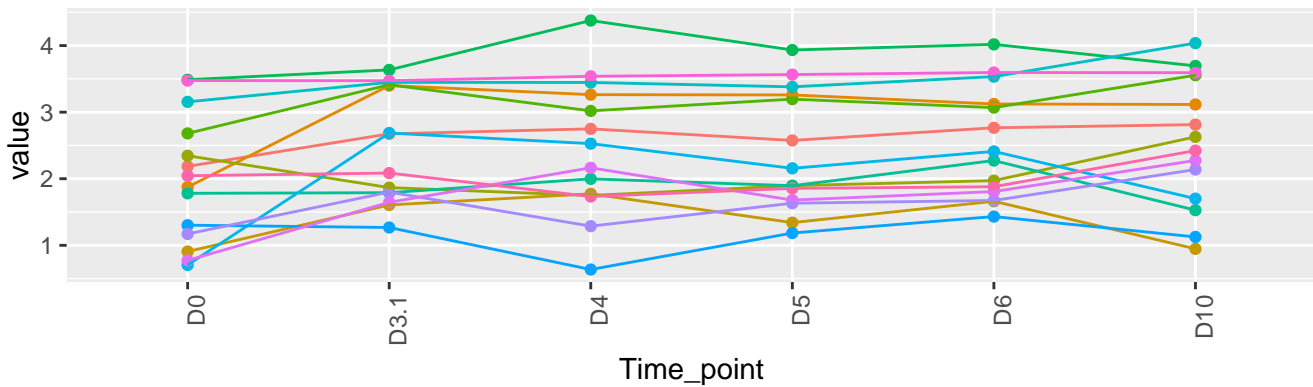
15 genes – WT-cluster-109-original



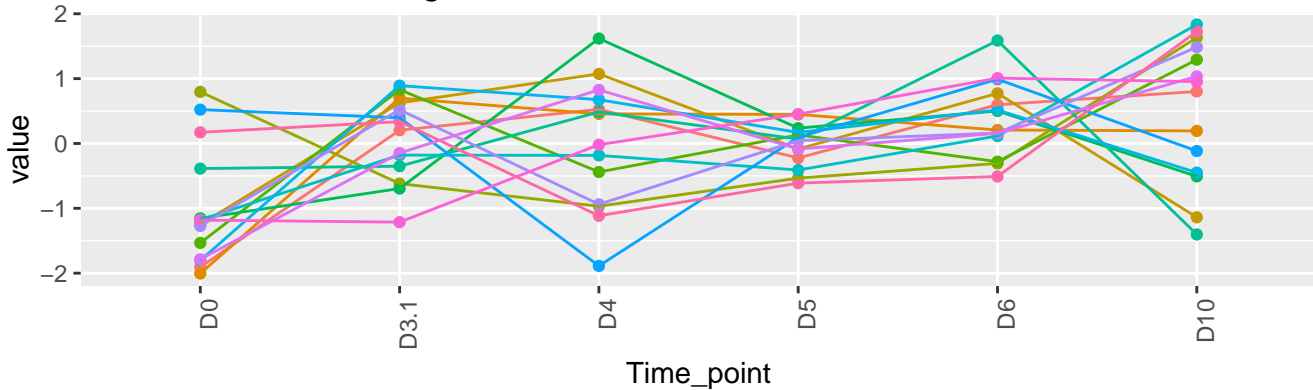
15 genes – WT-cluster-109-standardized



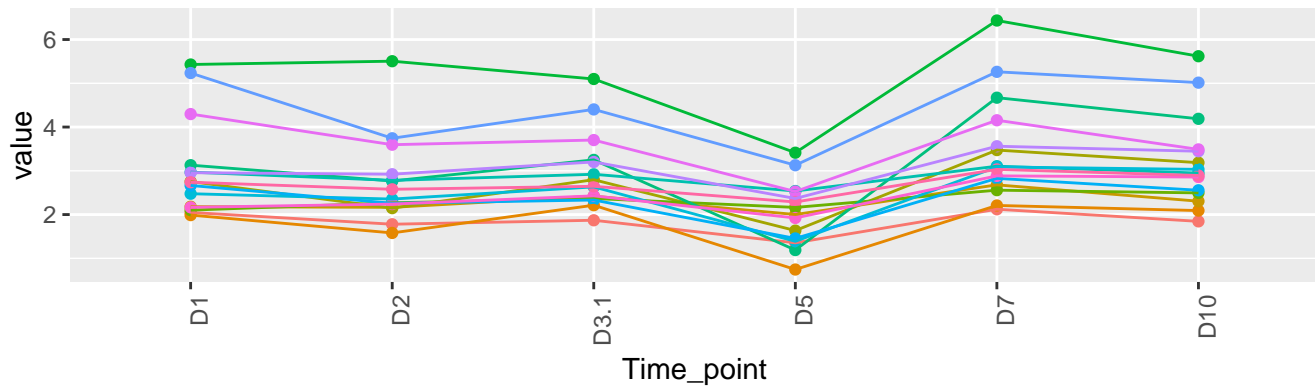
14 genes – KO-cluster-109-original



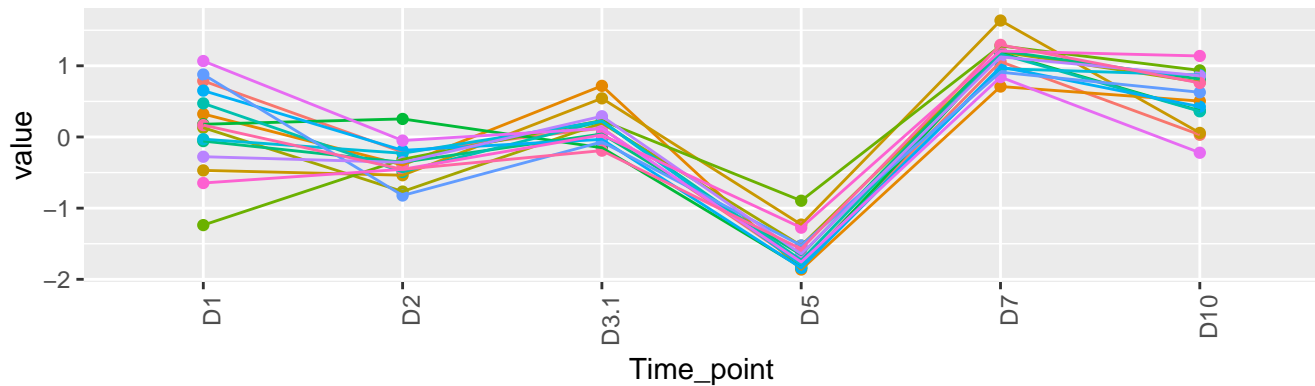
14 genes – KO-cluster-109-standardized



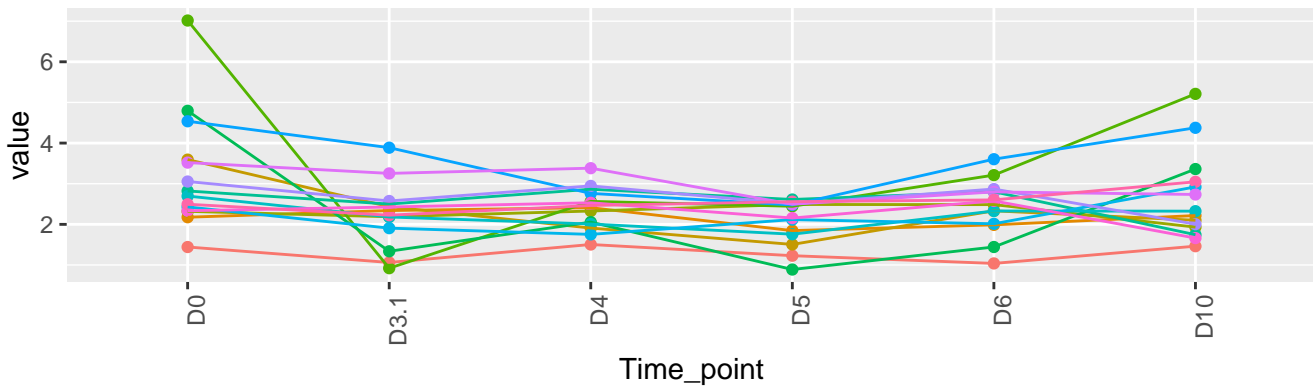
15 genes – WT-cluster-108-original



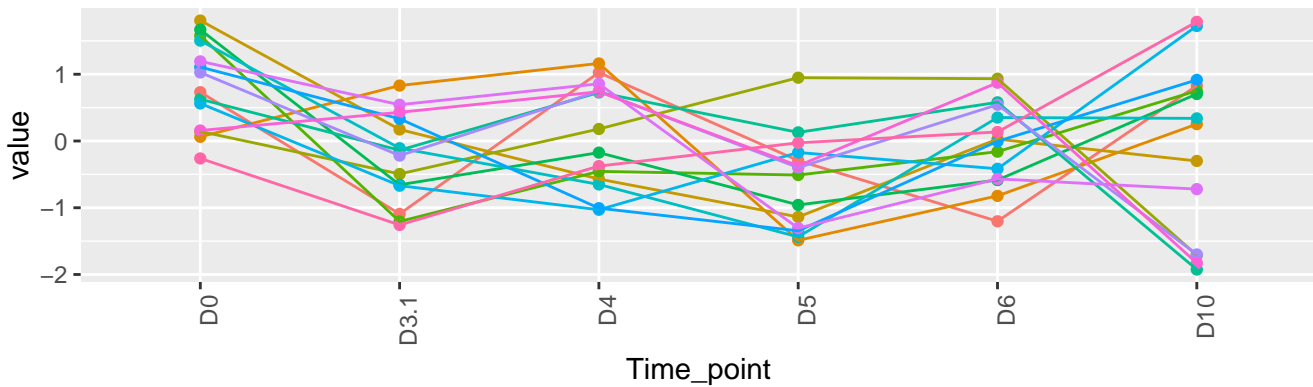
15 genes – WT-cluster-108-standardized



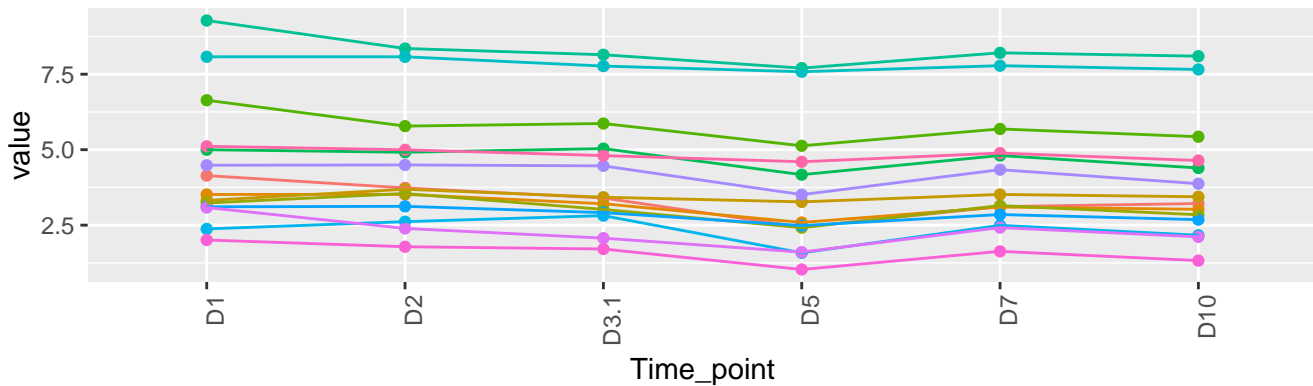
14 genes – KO-cluster-108-original



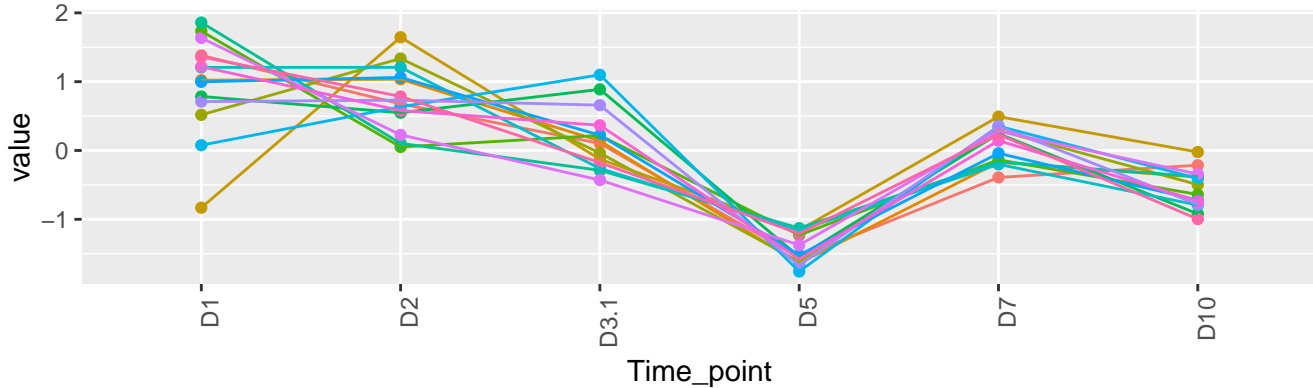
14 genes – KO-cluster-108-standardized



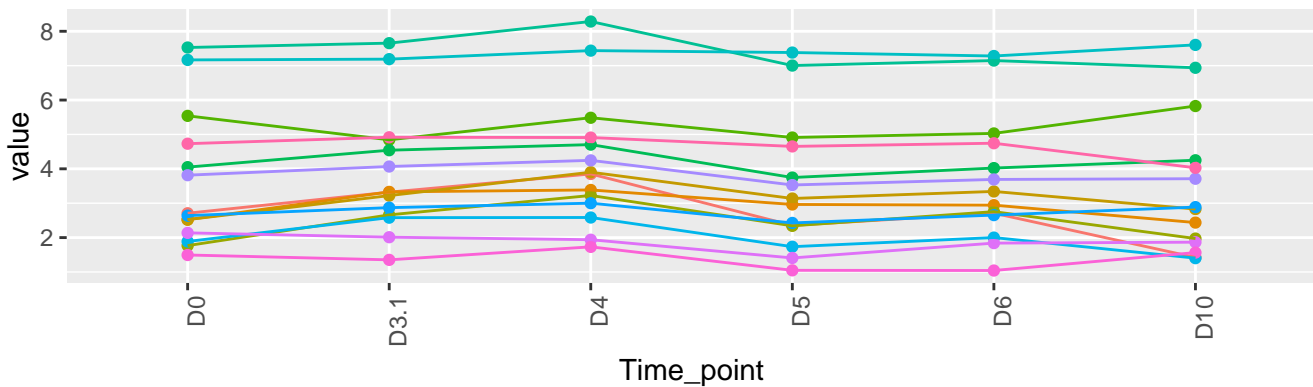
14 genes – WT-cluster-107-original



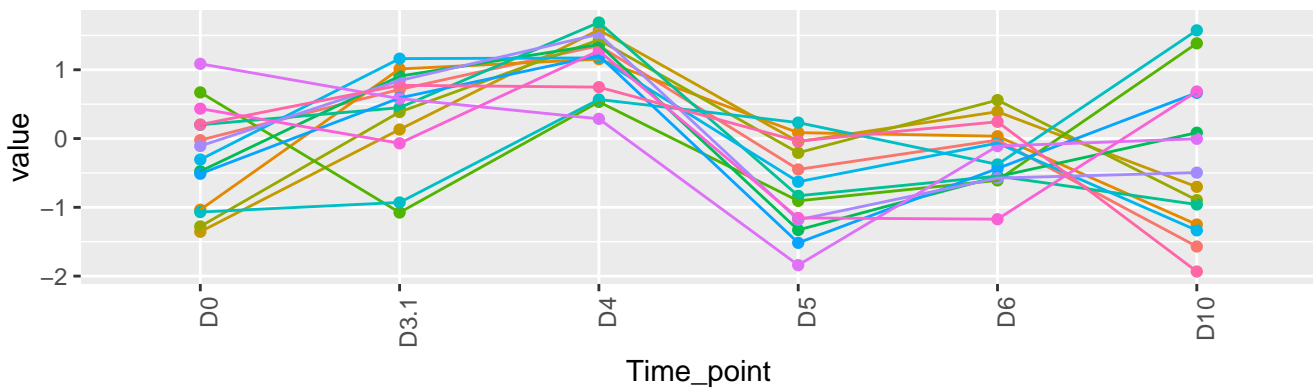
14 genes – WT-cluster-107-standardized



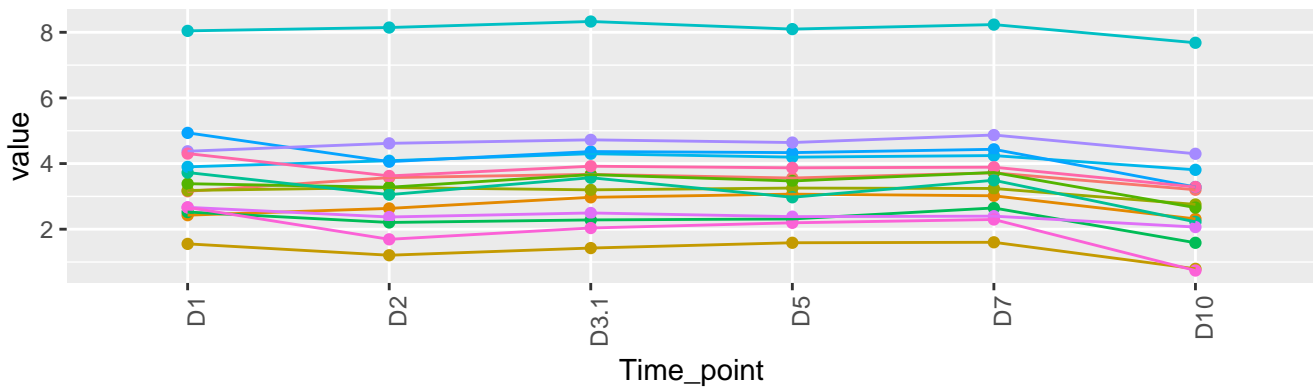
14 genes – KO-cluster-107-original



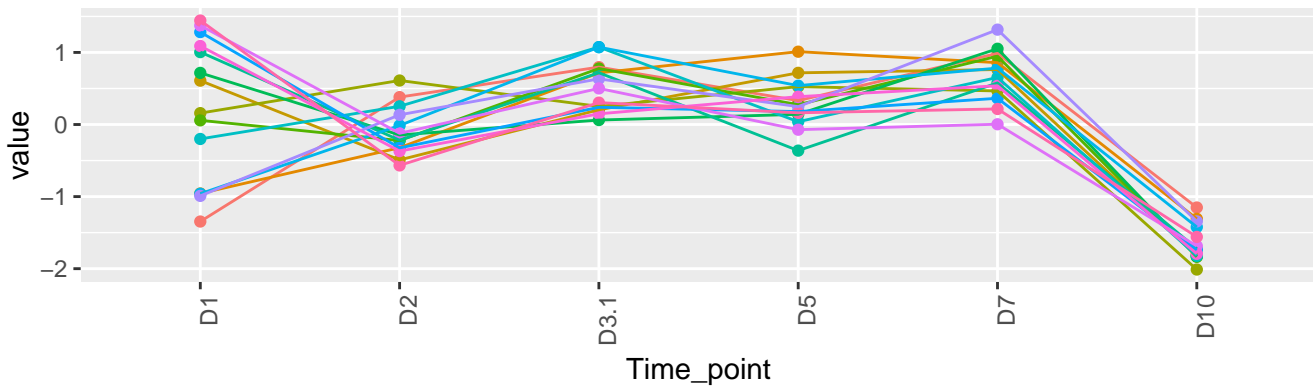
14 genes – KO-cluster-107-standardized



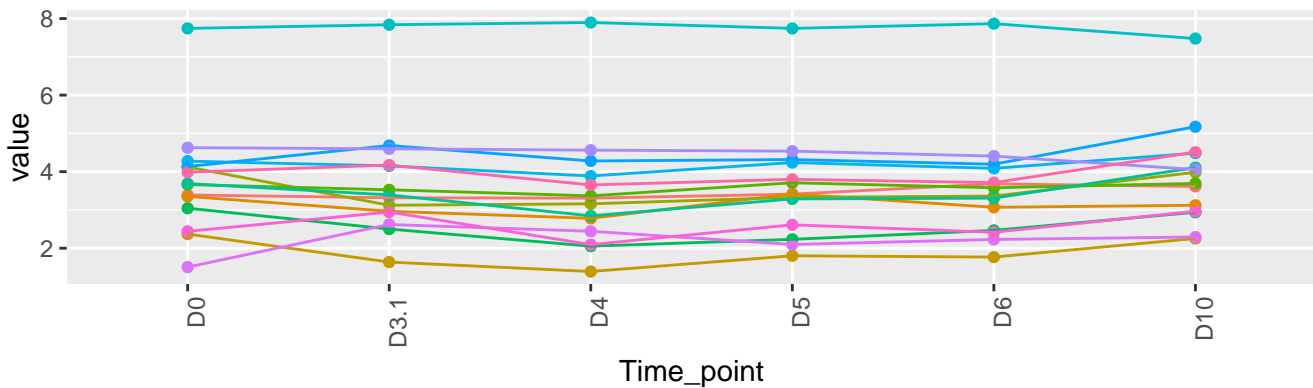
14 genes – WT-cluster-106-original



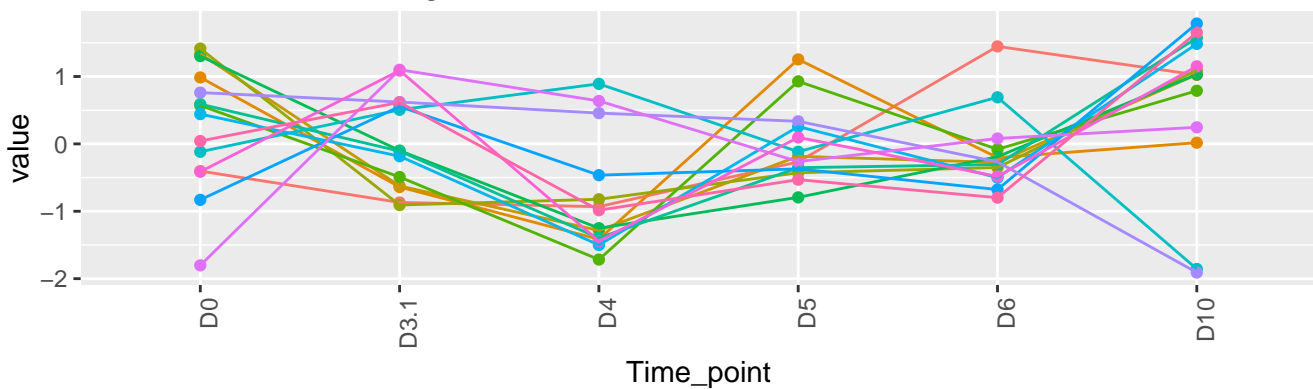
14 genes – WT-cluster-106-standardized



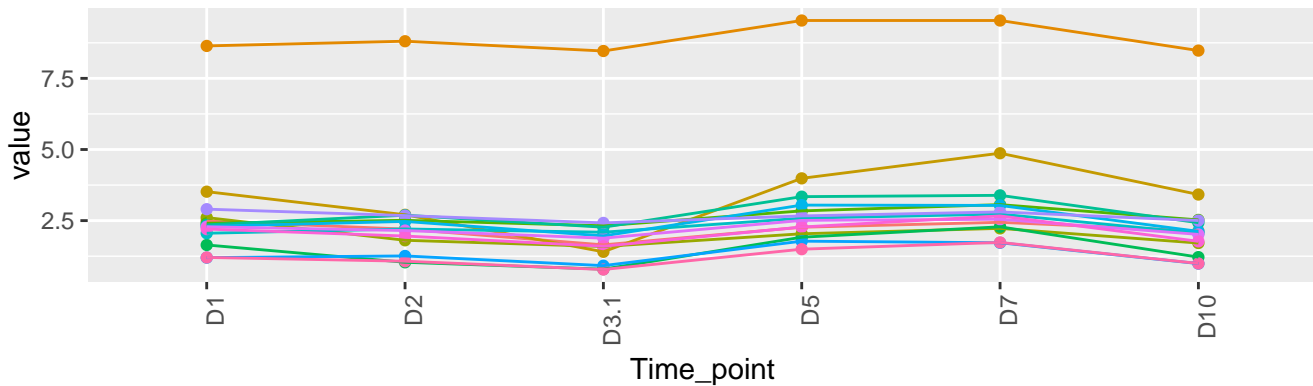
14 genes – KO-cluster-106-original



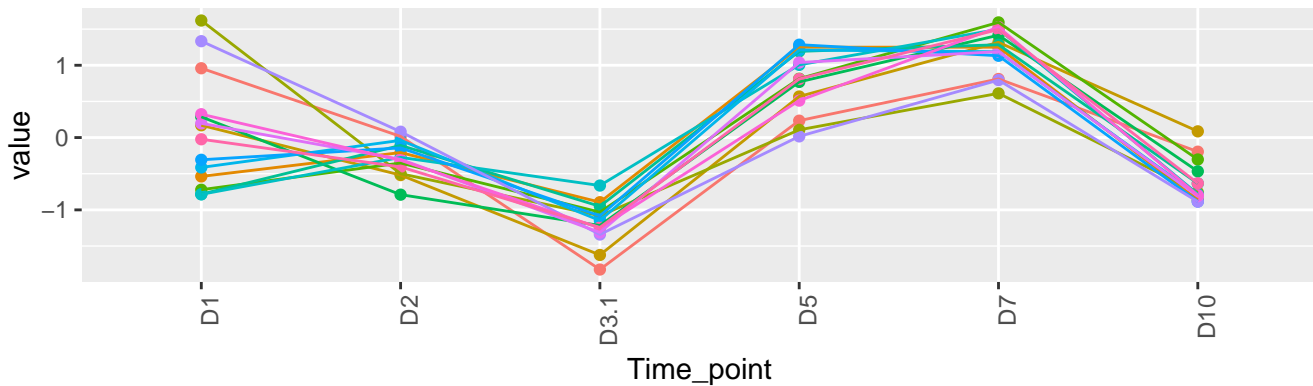
14 genes – KO-cluster-106-standardized



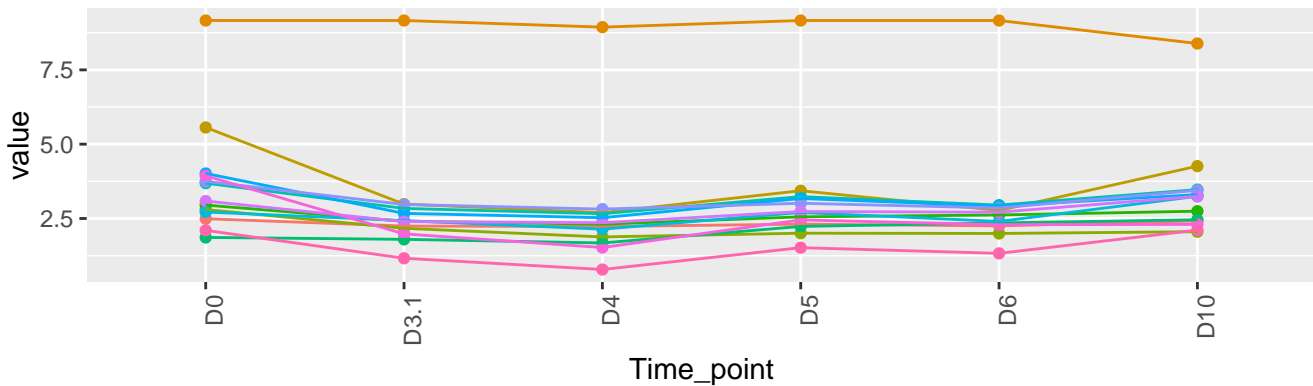
14 genes – WT-cluster-105-original



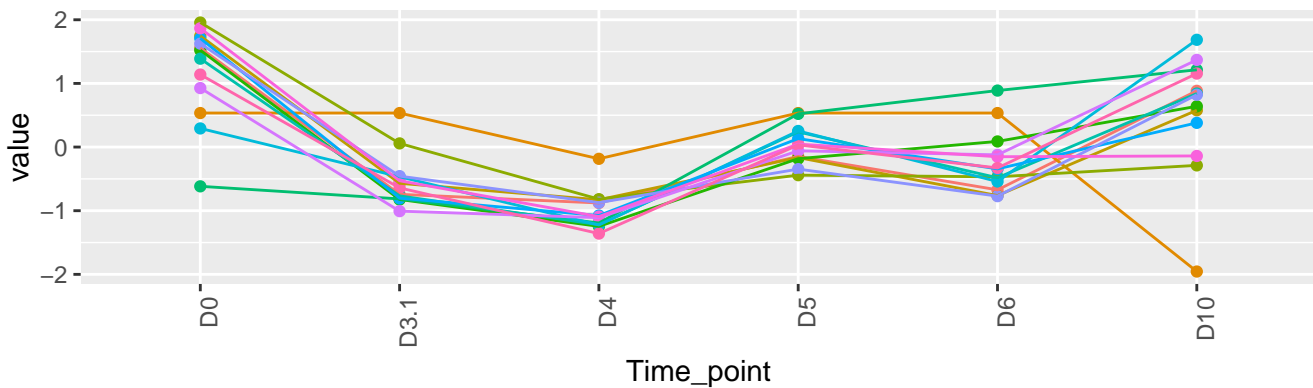
14 genes – WT-cluster-105-standardized



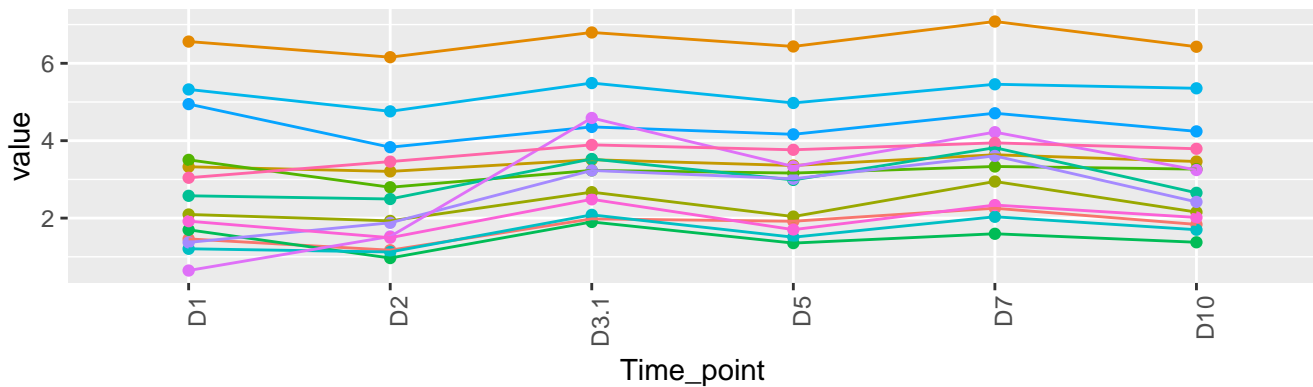
13 genes – KO-cluster-105-original



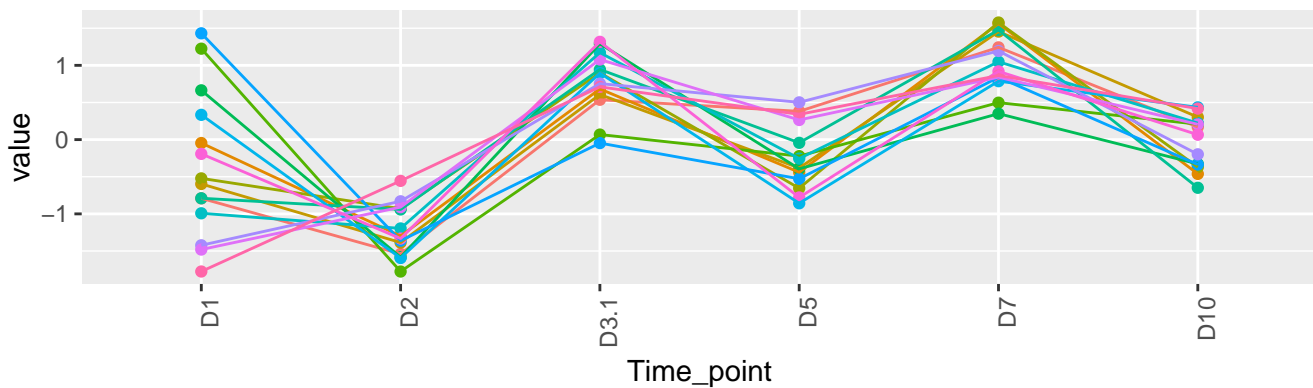
13 genes – KO-cluster-105-standardized



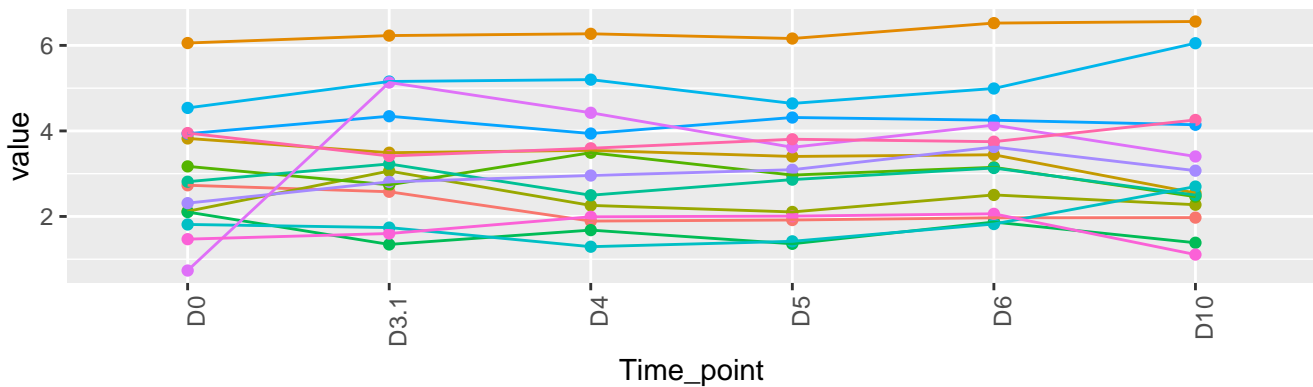
14 genes – WT-cluster-104-original



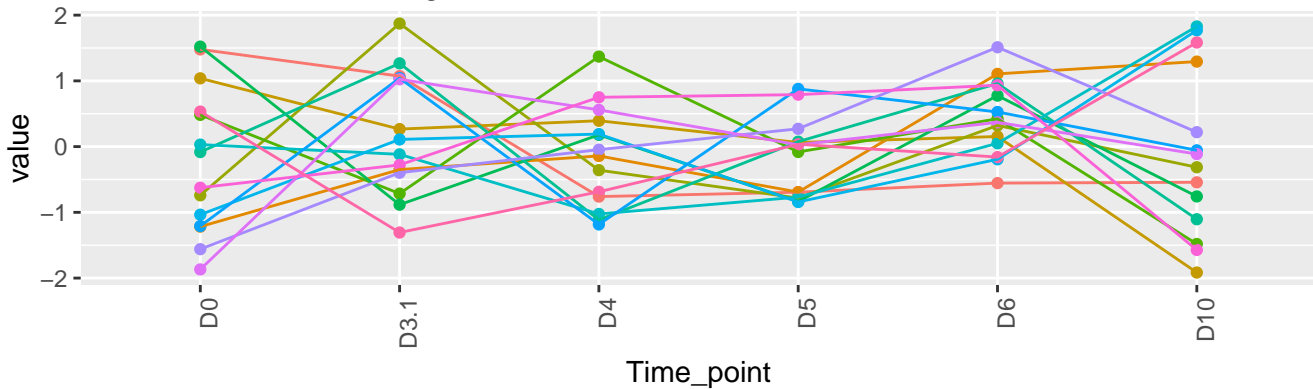
14 genes – WT-cluster-104-standardized



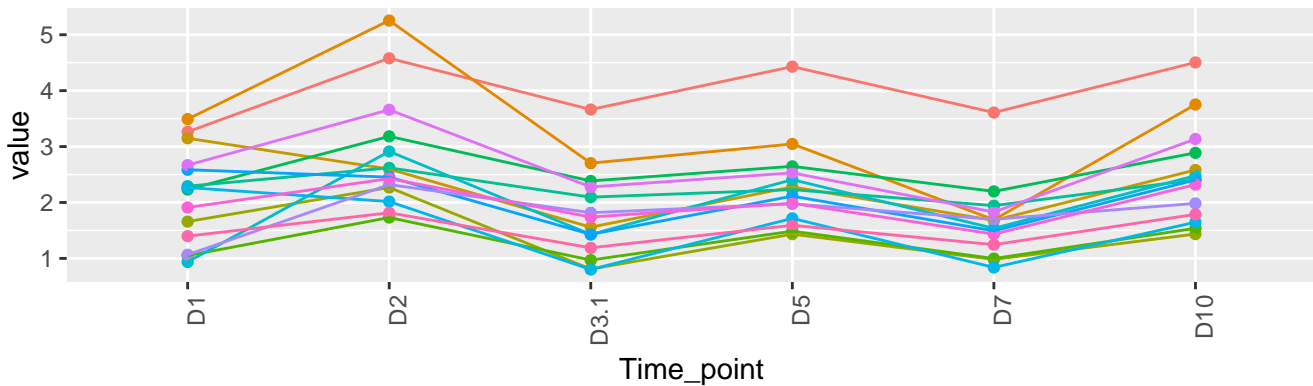
14 genes – KO-cluster-104-original



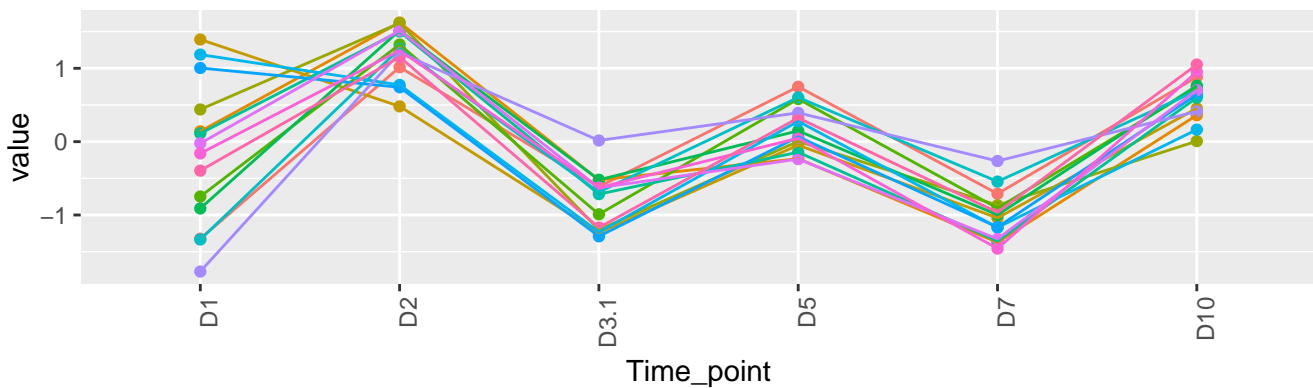
14 genes – KO-cluster-104-standardized



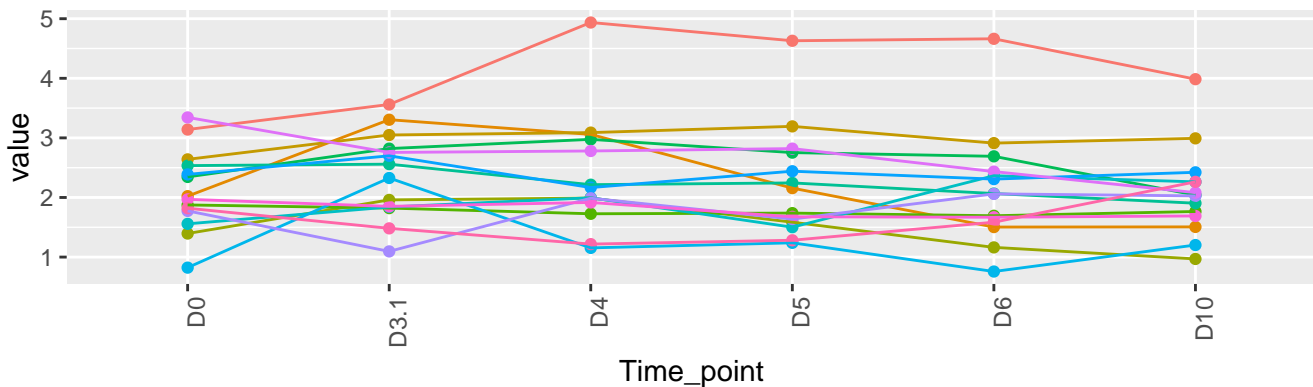
14 genes – WT-cluster-103-original



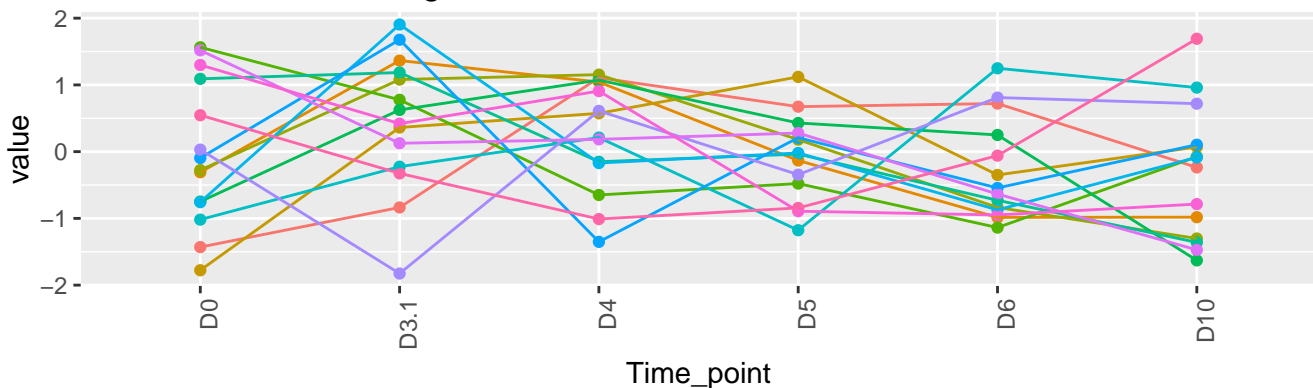
14 genes – WT-cluster-103-standardized



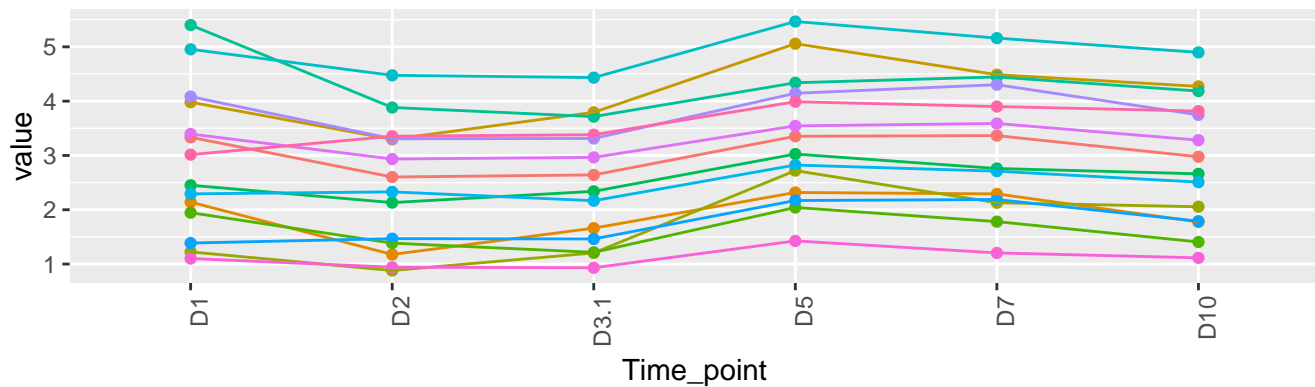
14 genes – KO-cluster-103-original



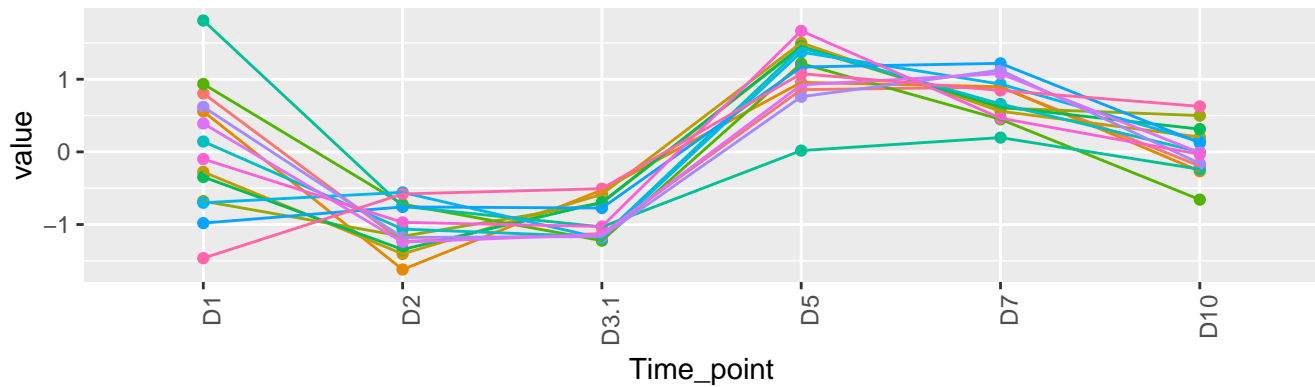
14 genes – KO-cluster-103-standardized



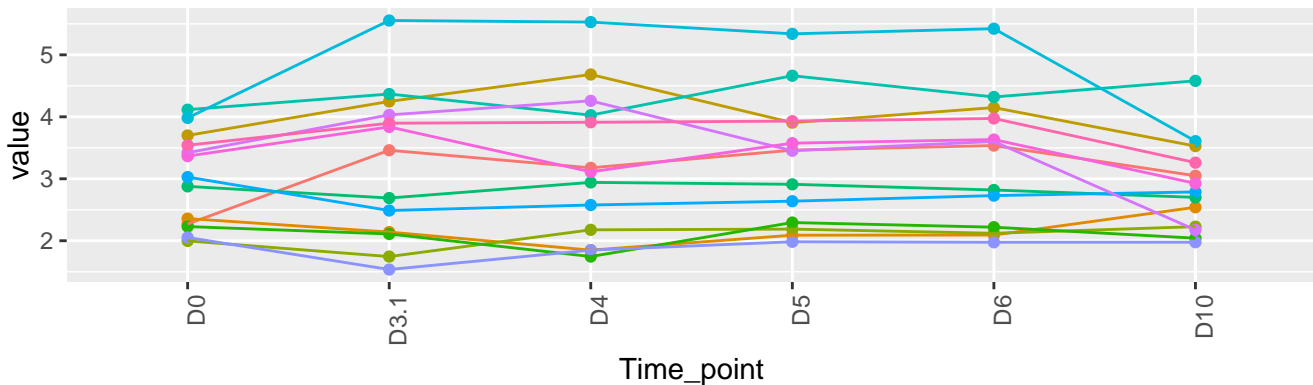
14 genes – WT-cluster-102-original



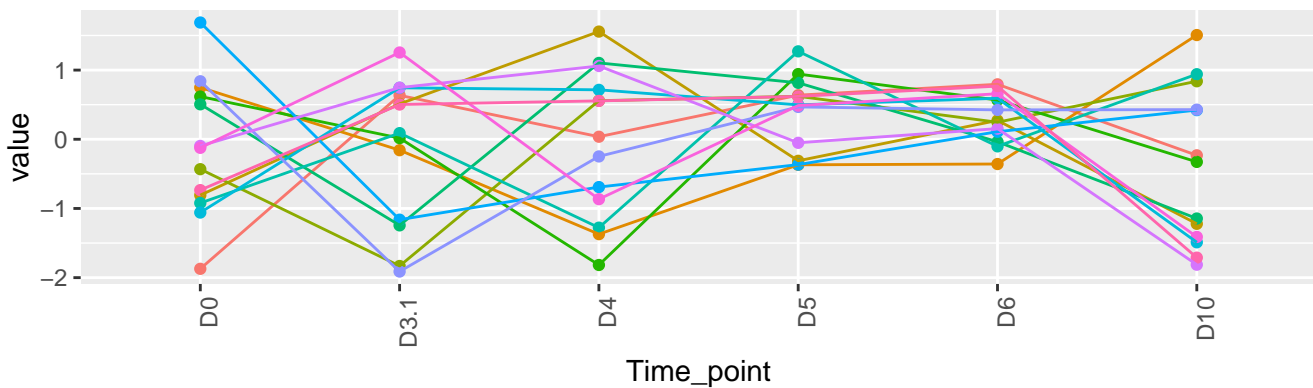
14 genes – WT-cluster-102-standardized



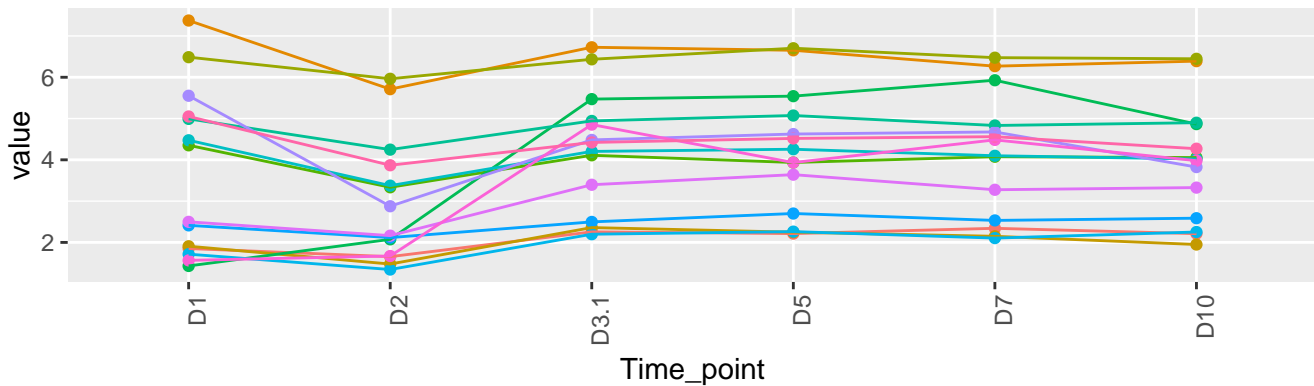
13 genes – KO-cluster-102-original



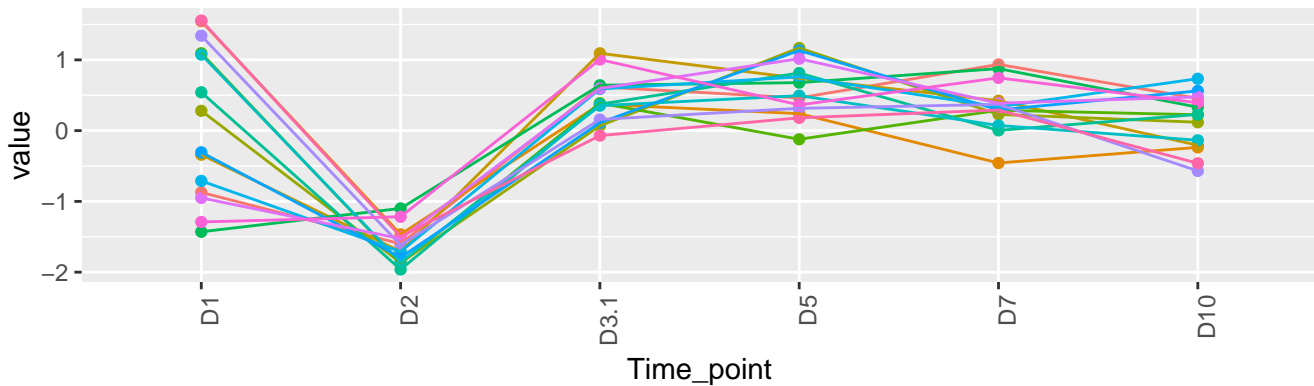
13 genes – KO-cluster-102-standardized



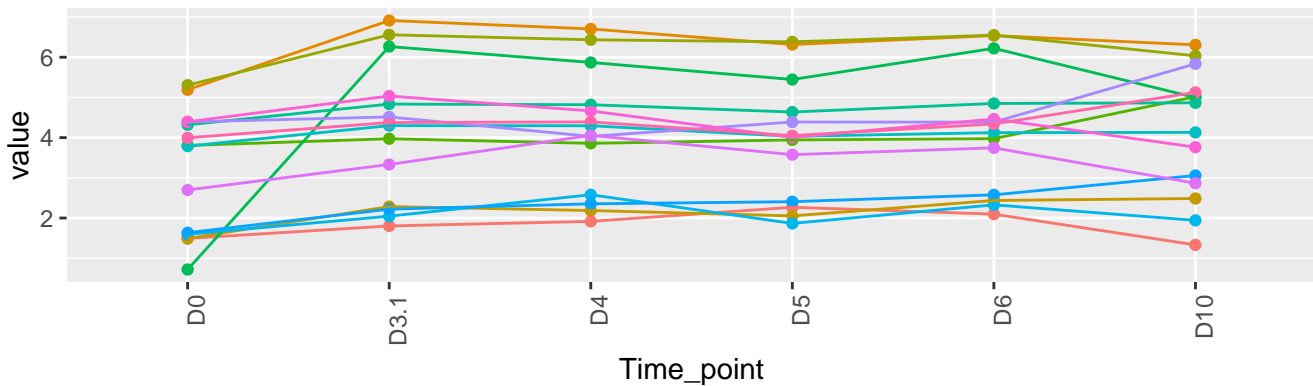
14 genes – WT-cluster-101-original



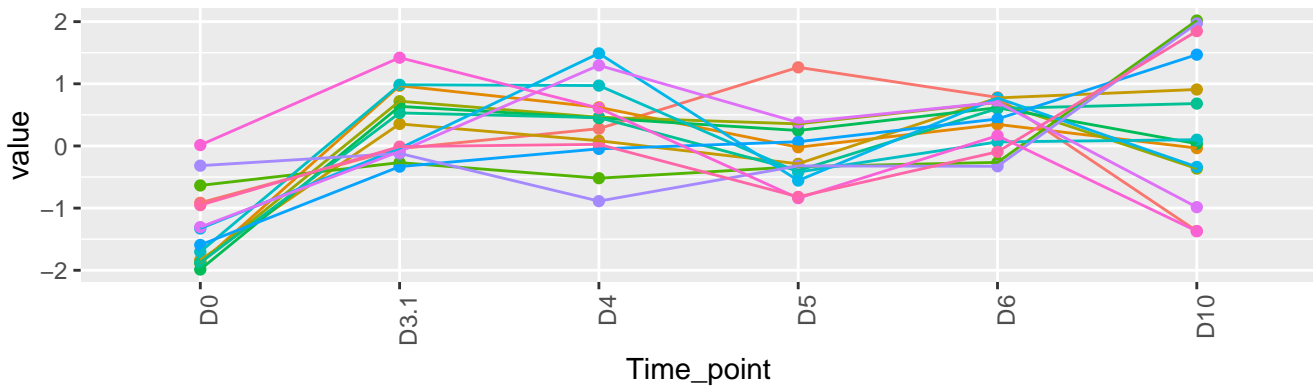
14 genes – WT-cluster-101-standardized



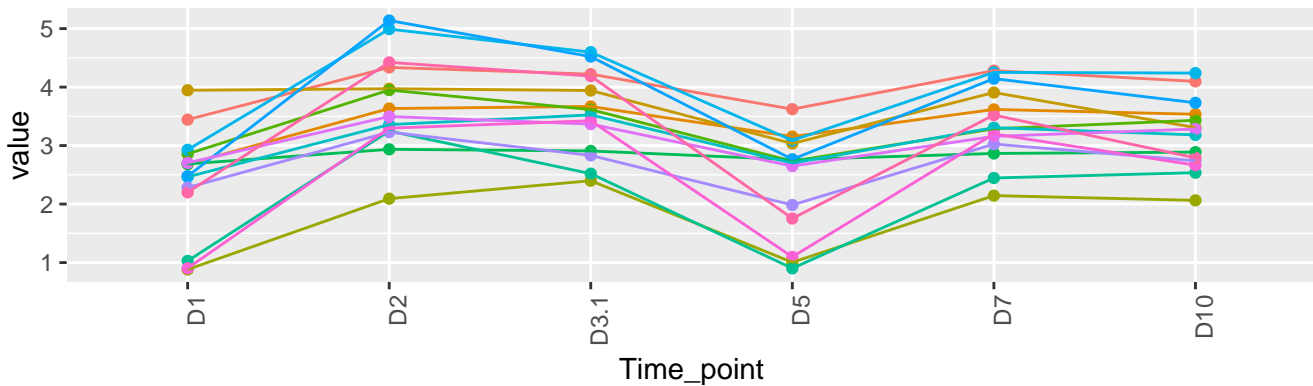
14 genes – KO-cluster-101-original



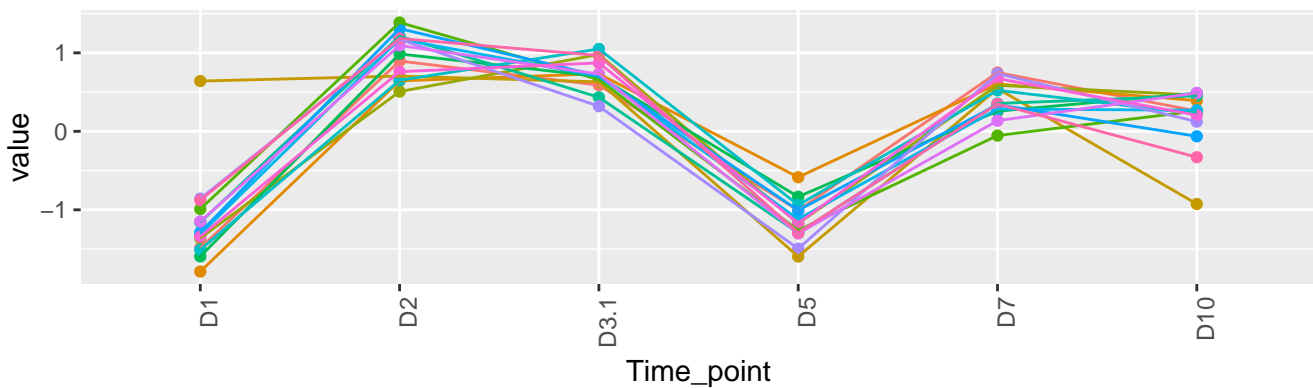
14 genes – KO-cluster-101-standardized



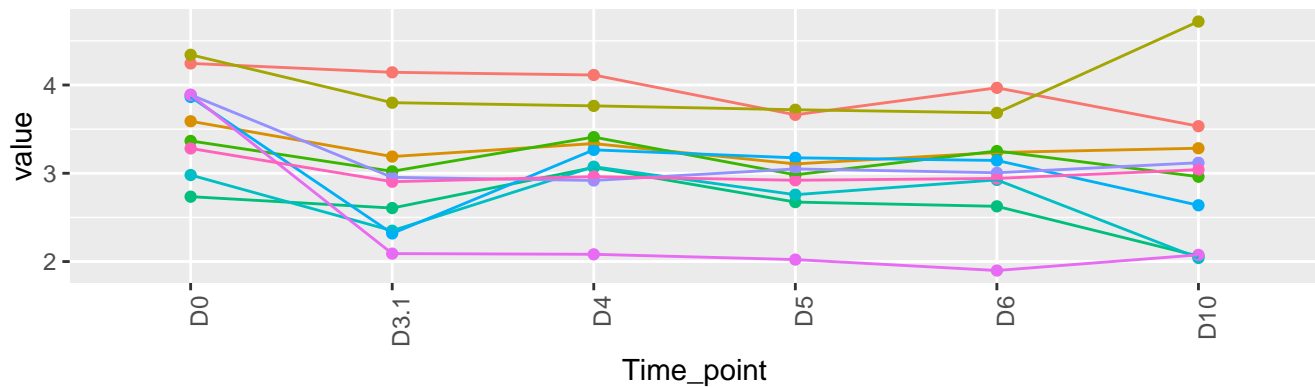
14 genes – WT-cluster-100-original



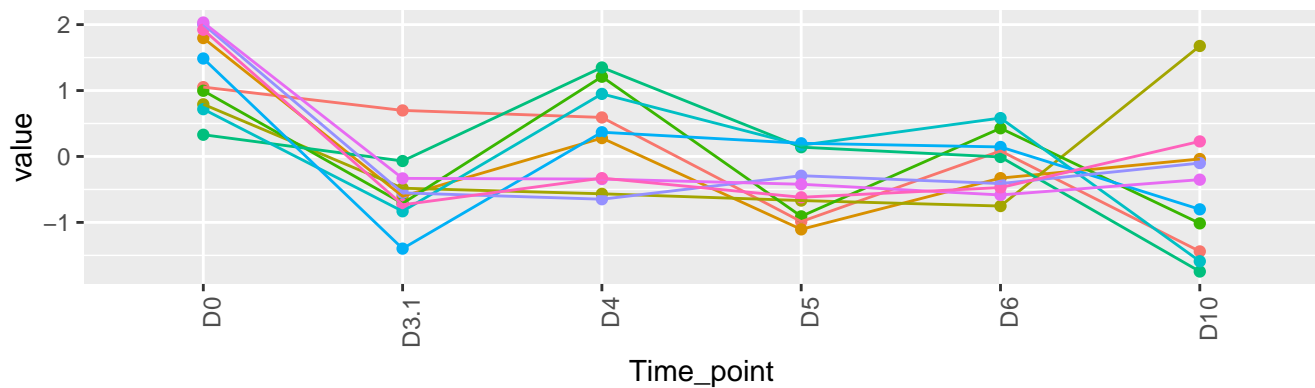
14 genes – WT-cluster-100-standardized



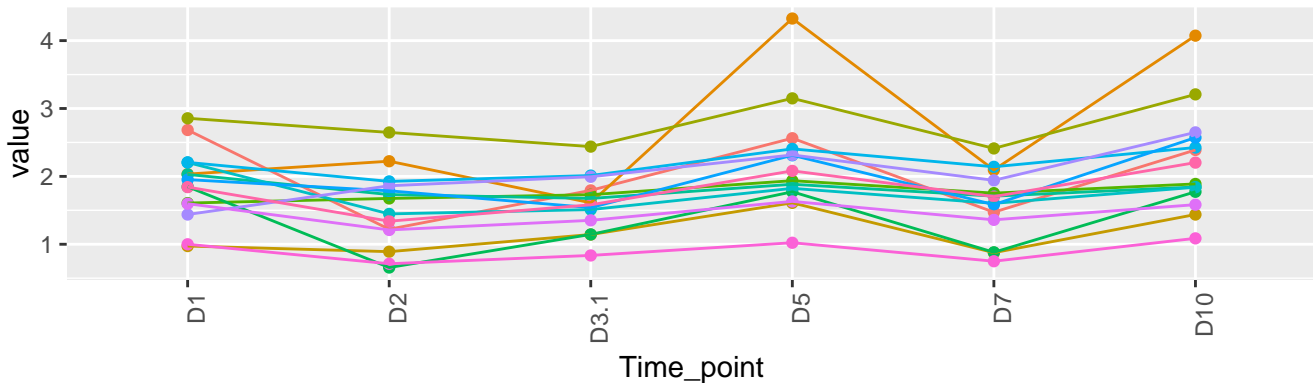
10 genes – KO-cluster-100-original



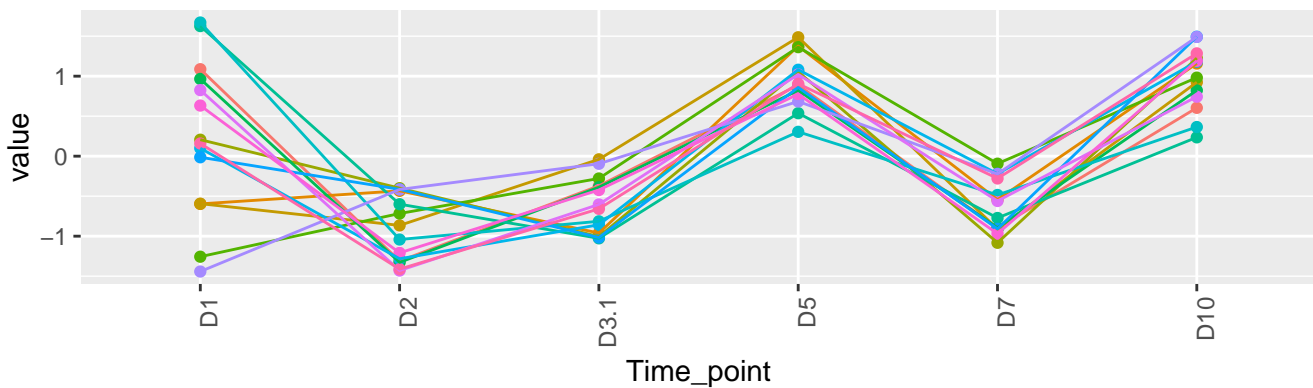
10 genes – KO-cluster-100-standardized



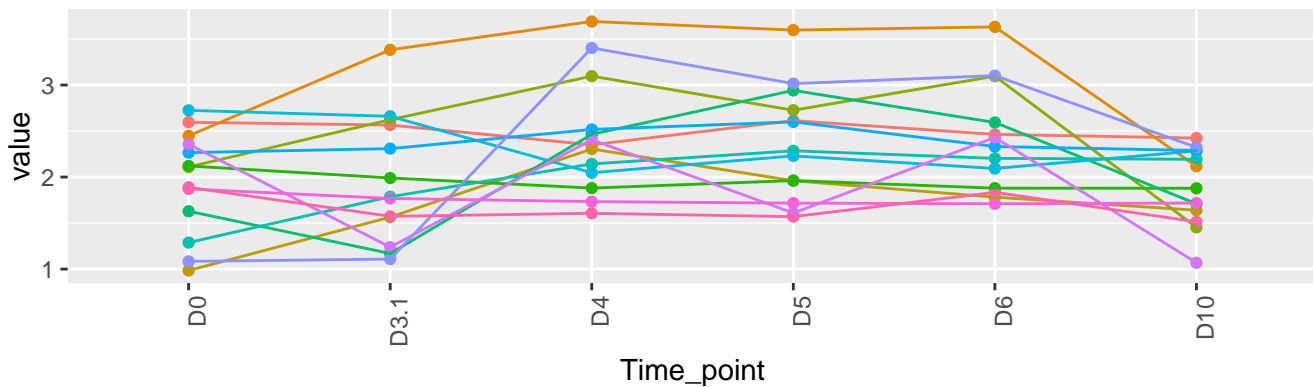
14 genes – WT-cluster-99-original



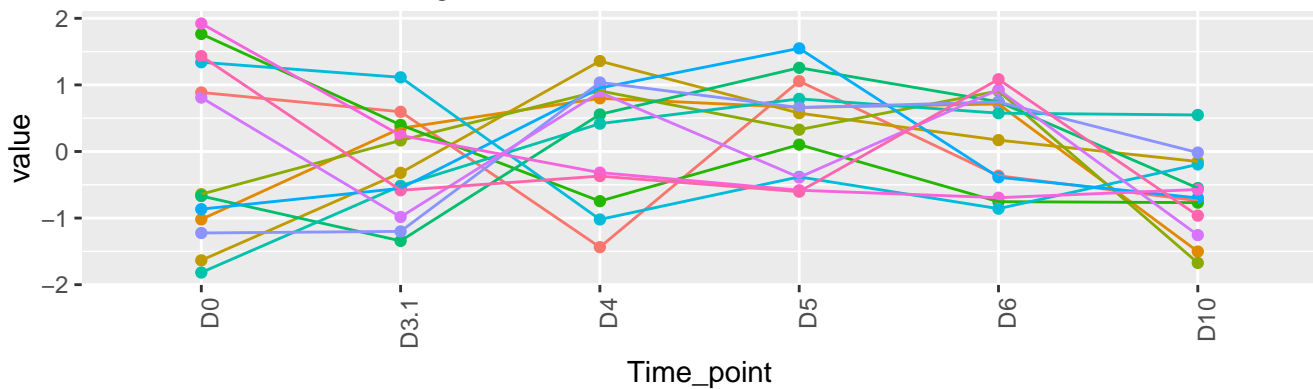
14 genes – WT-cluster-99-standardized



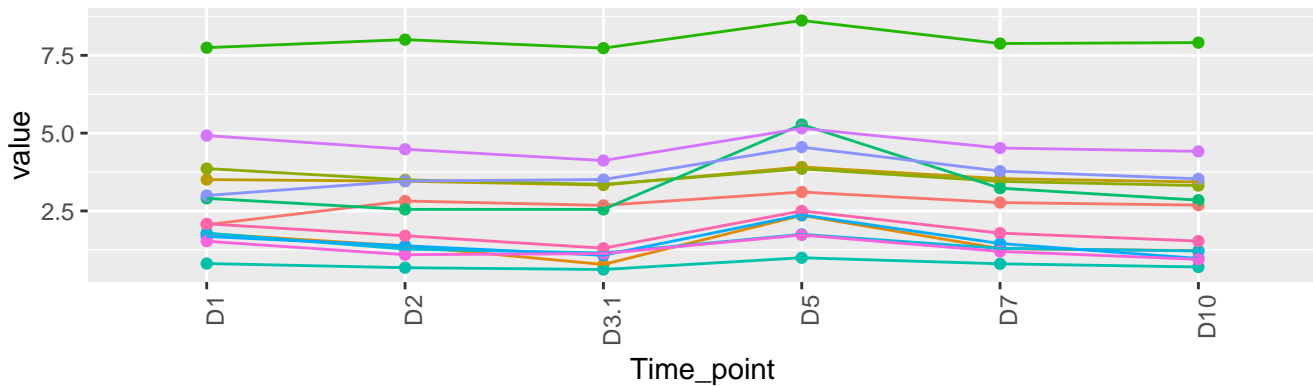
13 genes – KO-cluster-99-original



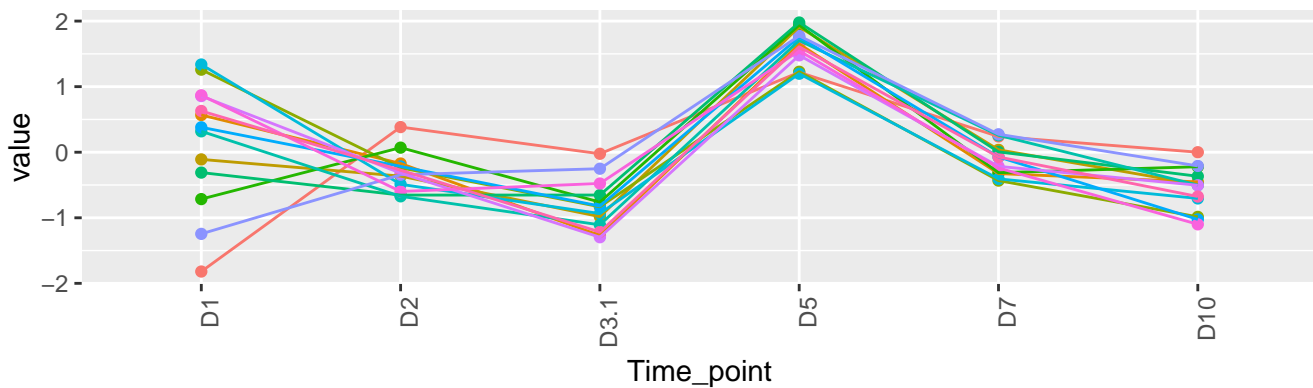
13 genes – KO-cluster-99-standardized



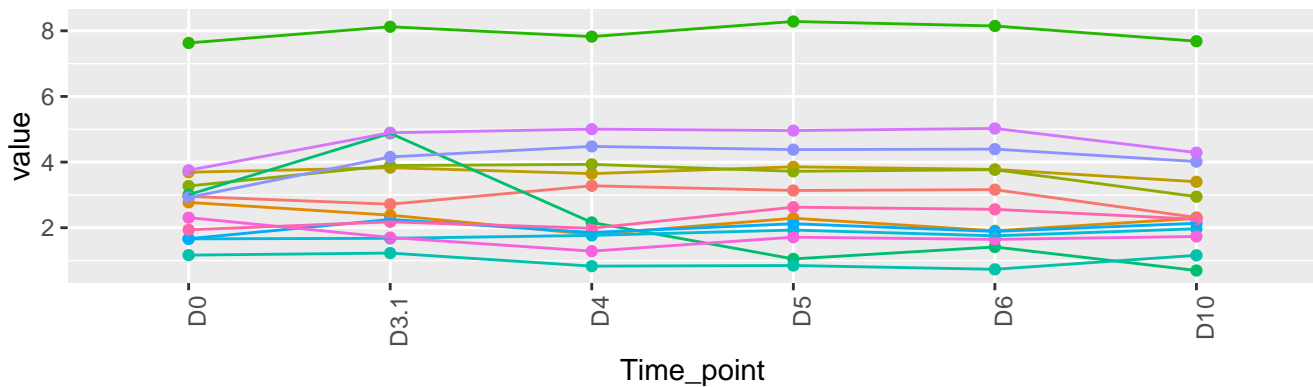
13 genes – WT-cluster-98-original



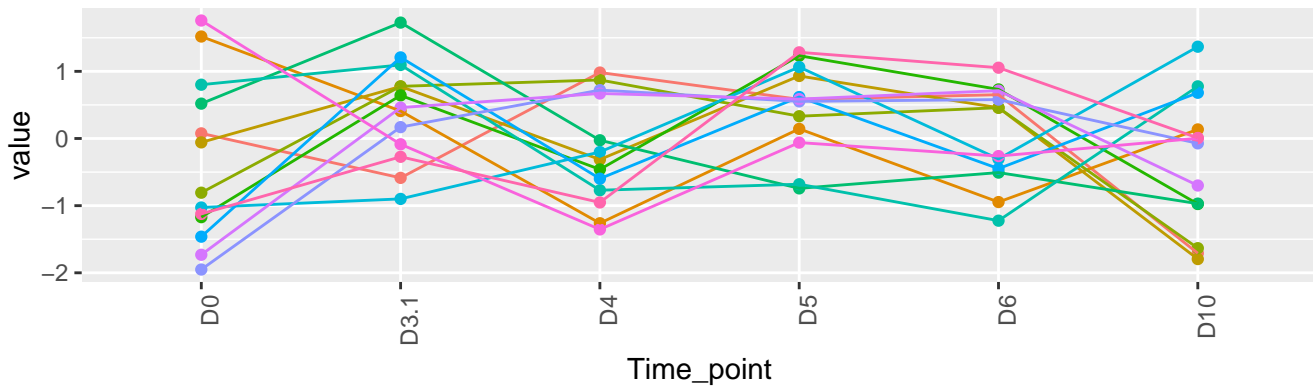
13 genes – WT-cluster-98-standardized



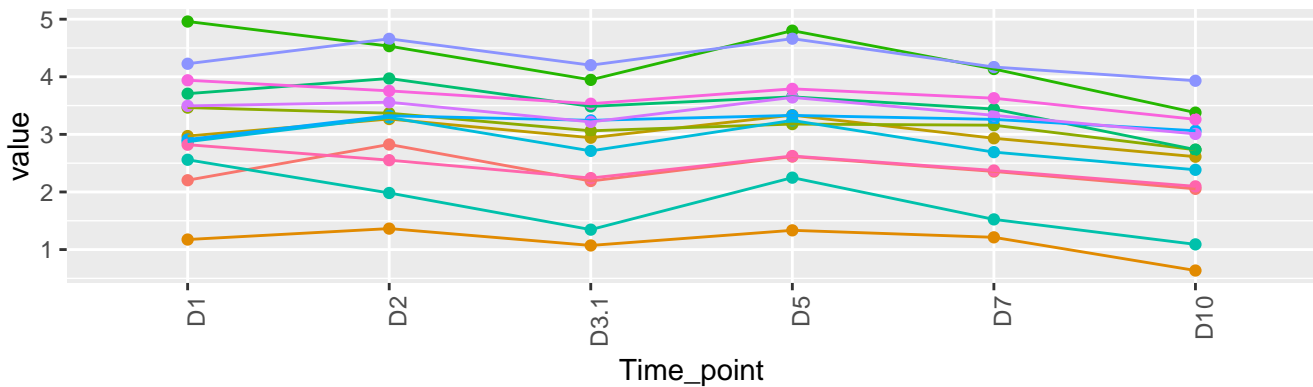
13 genes – KO-cluster-98-original



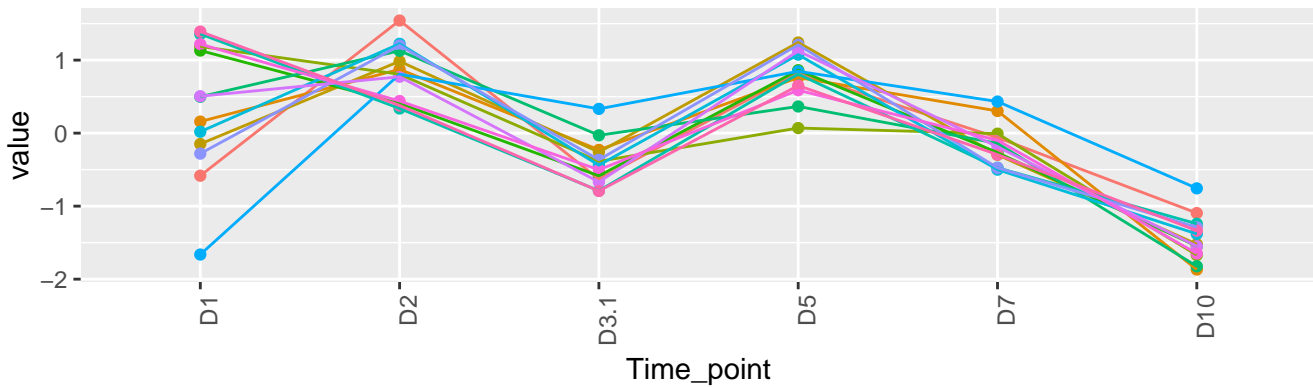
13 genes – KO-cluster-98-standardized



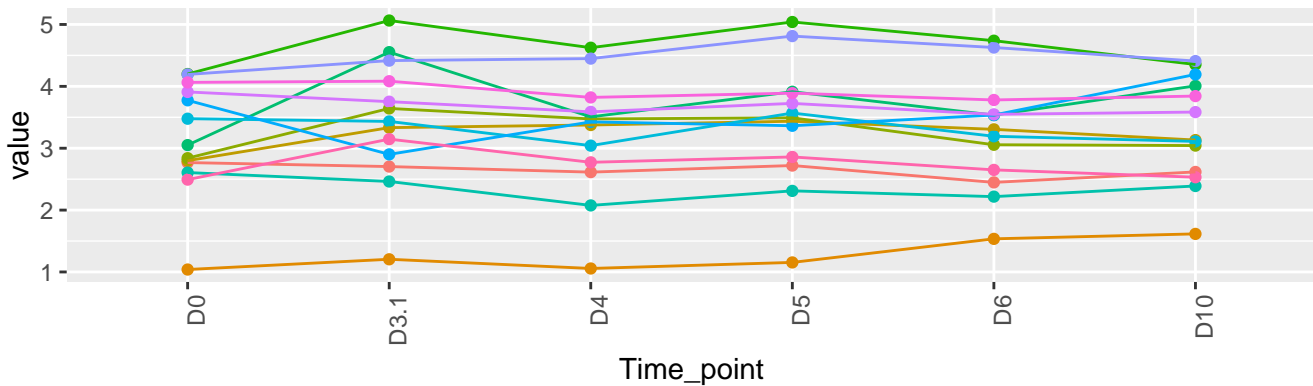
13 genes – WT-cluster-97-original



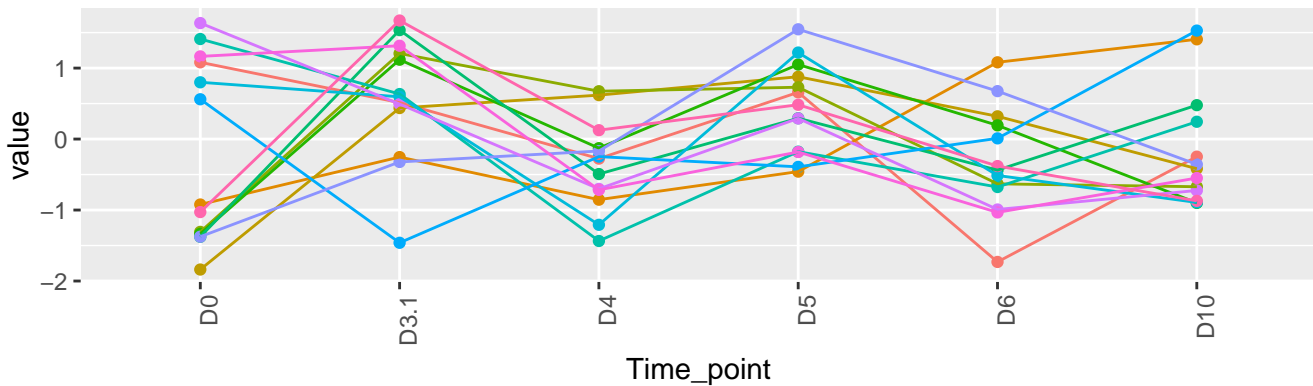
13 genes – WT-cluster-97-standardized



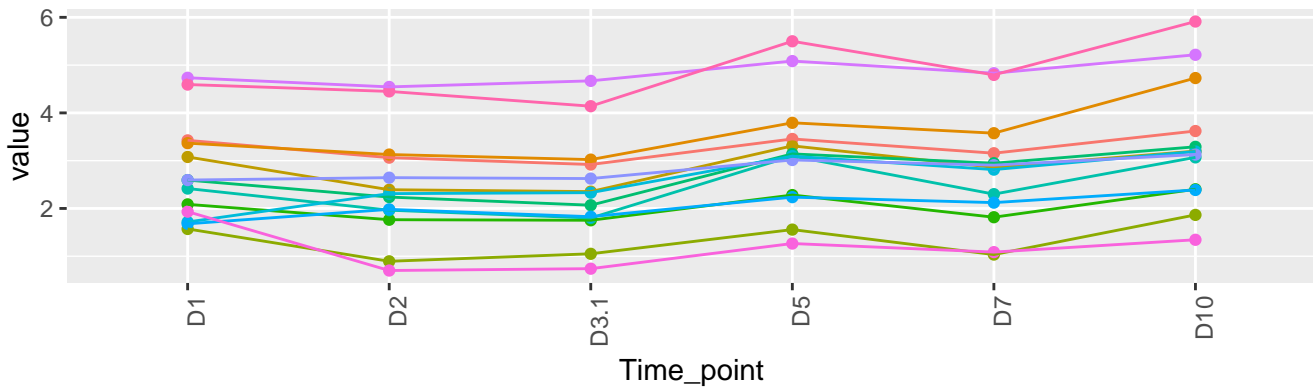
13 genes – KO-cluster-97-original



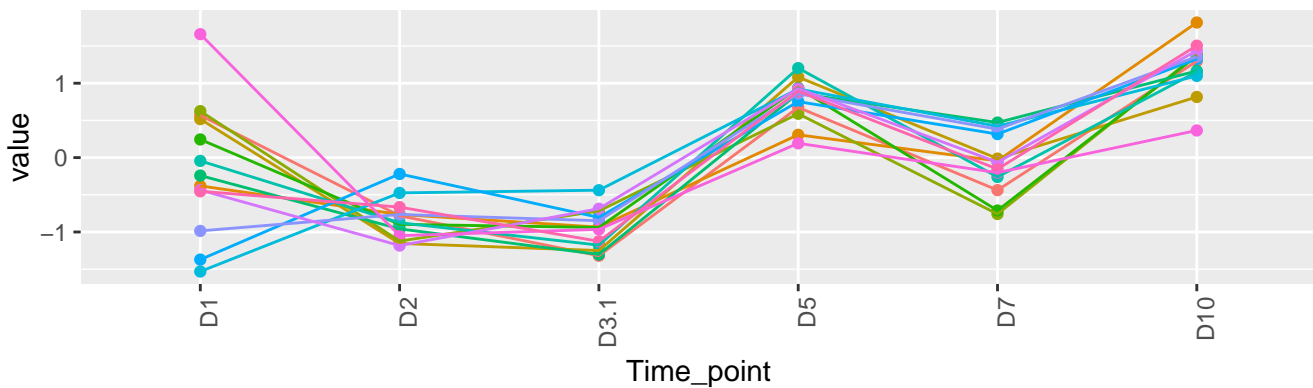
13 genes – KO-cluster-97-standardized



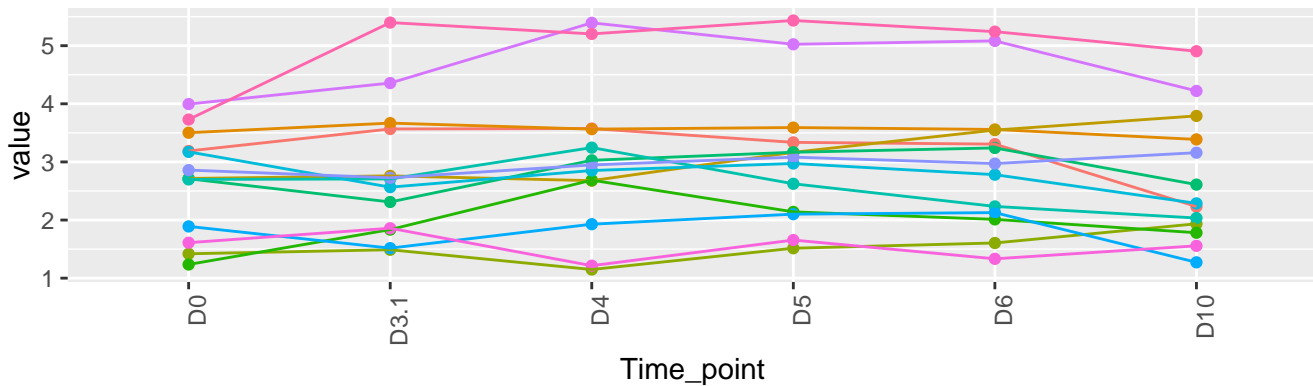
13 genes – WT-cluster-96-original



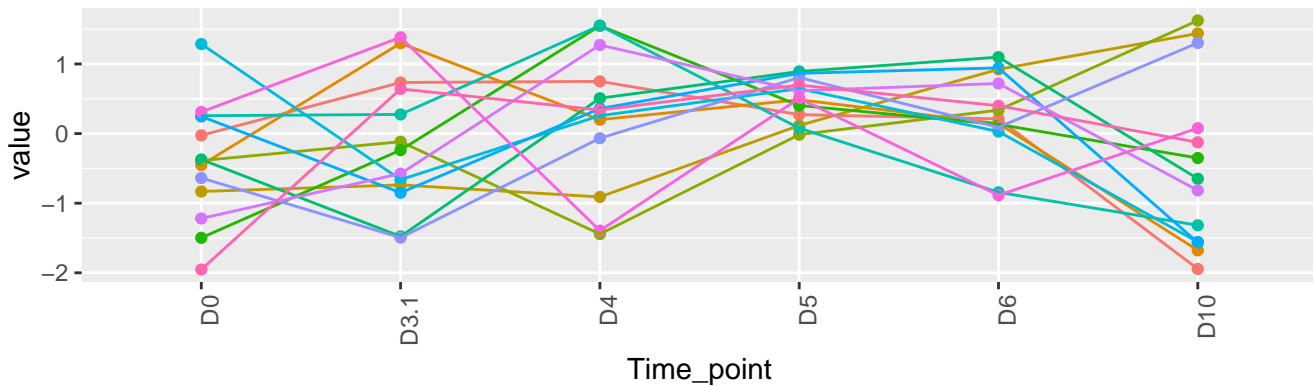
13 genes – WT-cluster-96-standardized



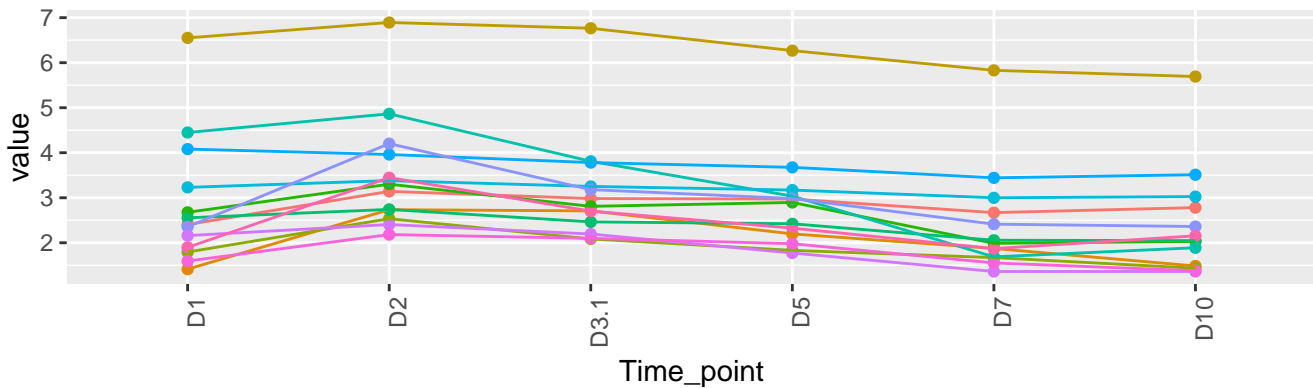
13 genes – KO-cluster-96-original



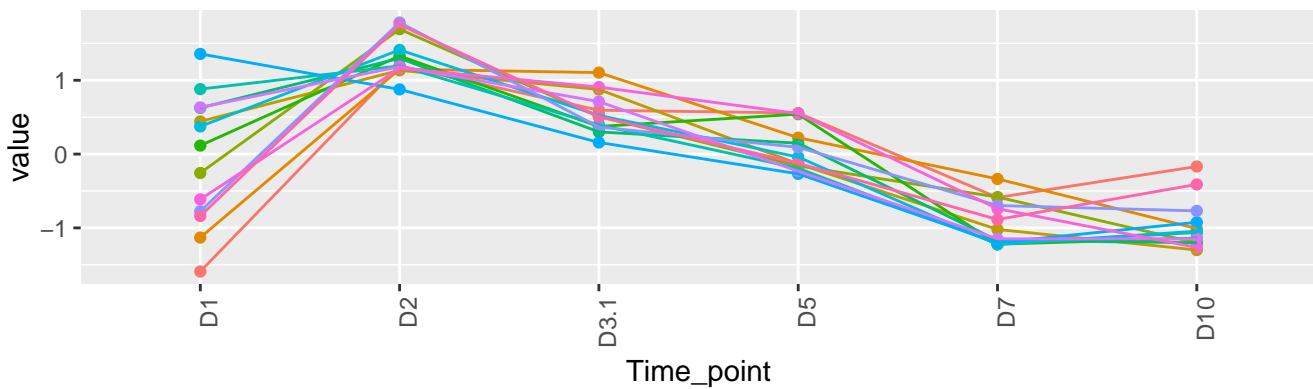
13 genes – KO-cluster-96-standardized



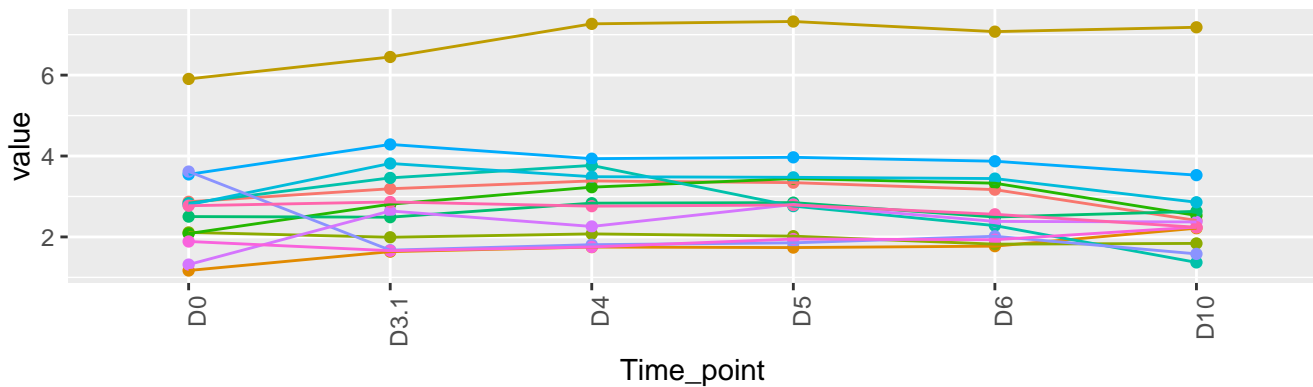
13 genes – WT-cluster-95-original



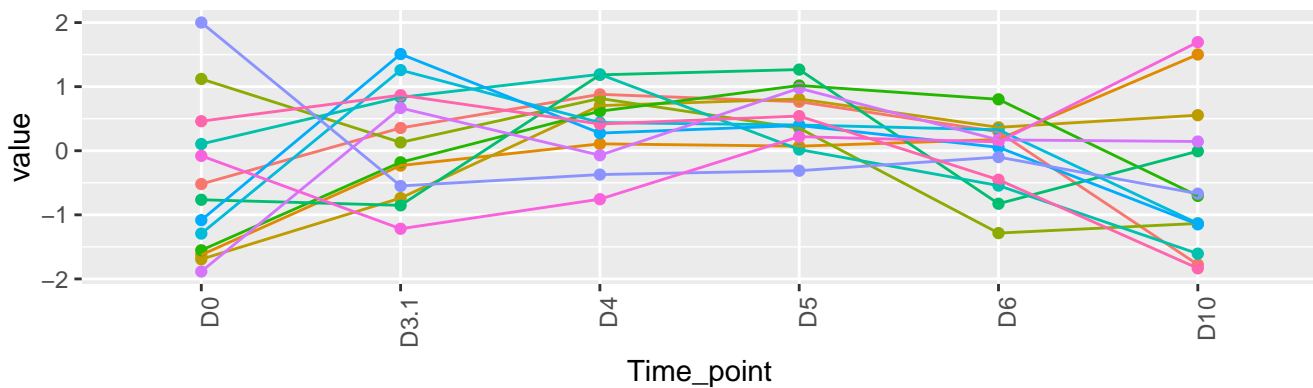
13 genes – WT-cluster-95-standardized



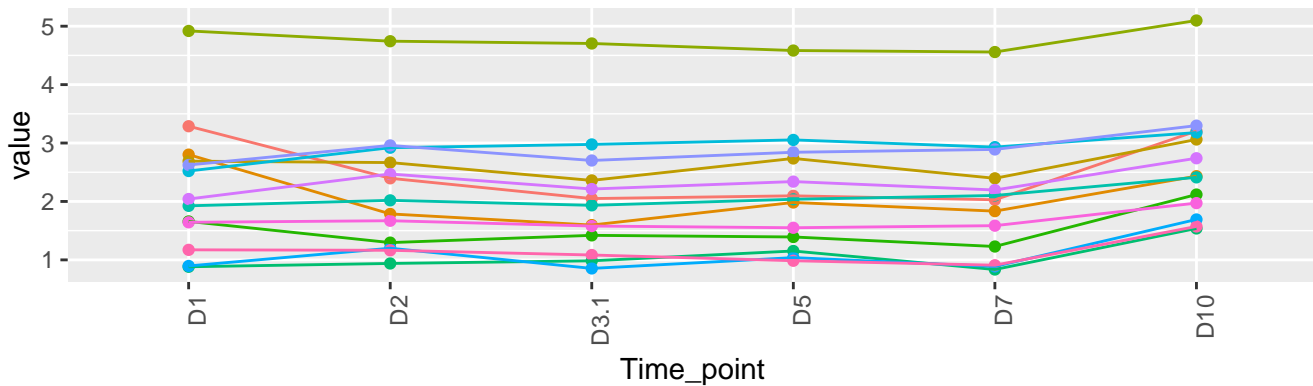
13 genes – KO-cluster-95-original



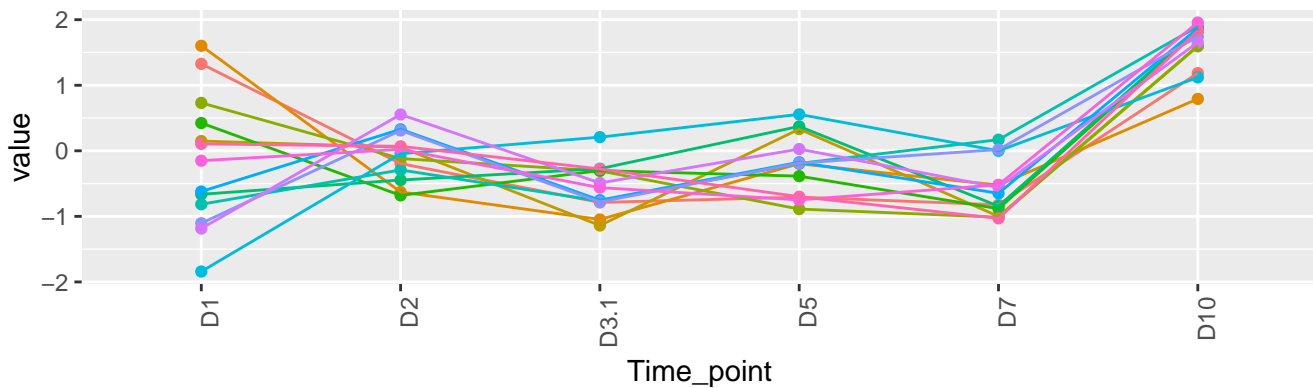
13 genes – KO-cluster-95-standardized



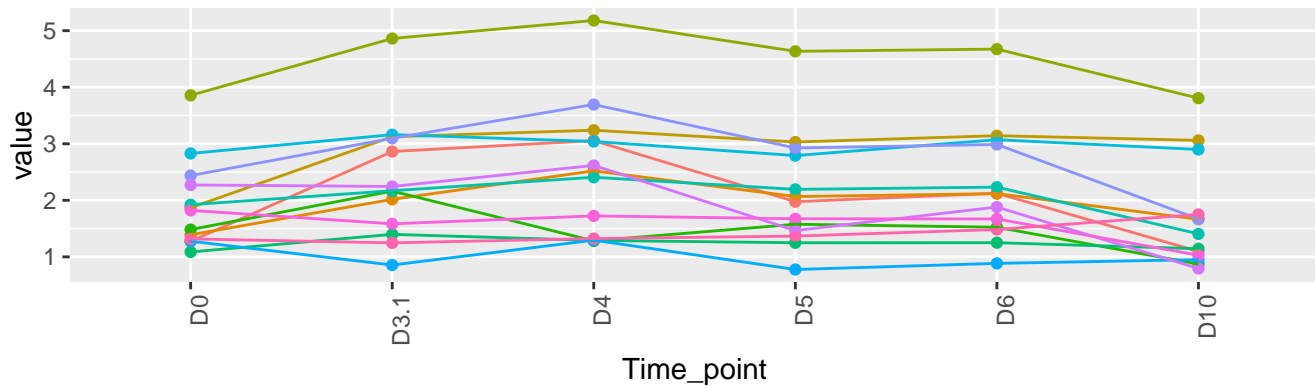
13 genes – WT-cluster-94-original



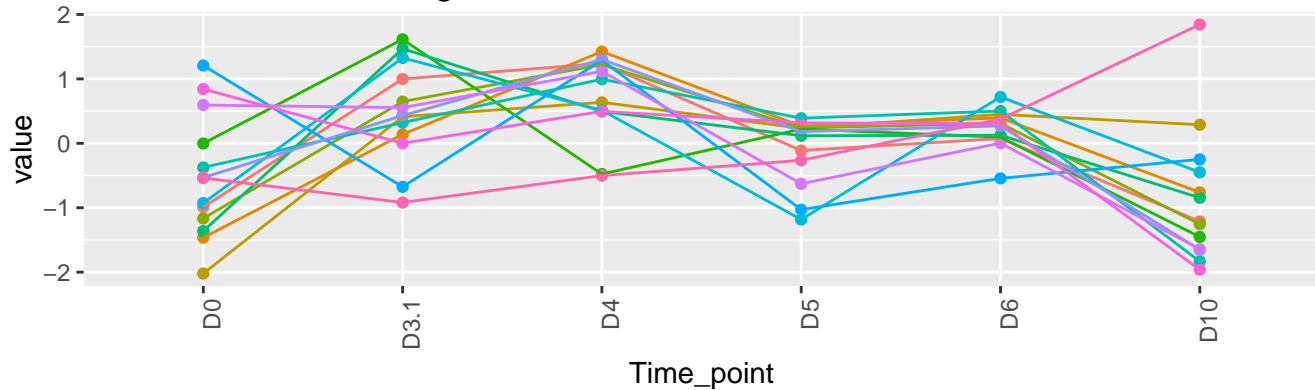
13 genes – WT-cluster-94-standardized



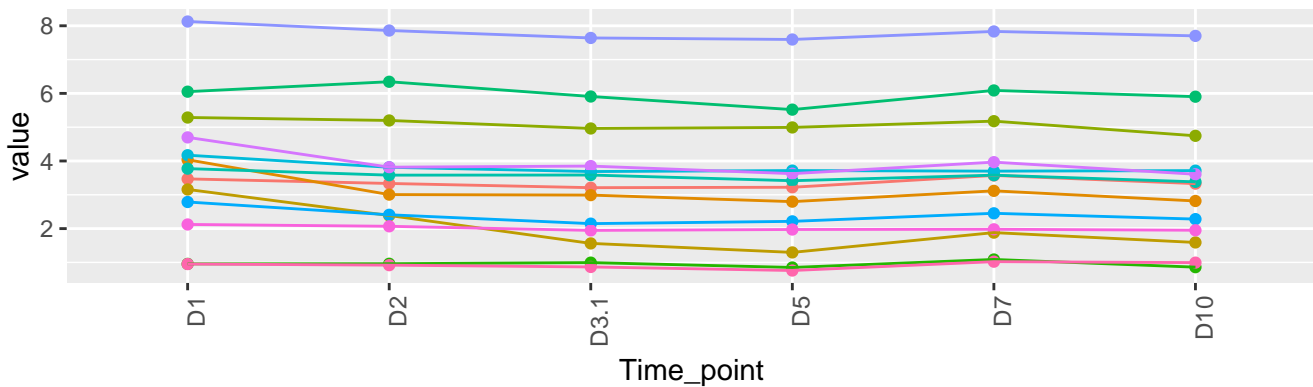
13 genes – KO-cluster-94-original



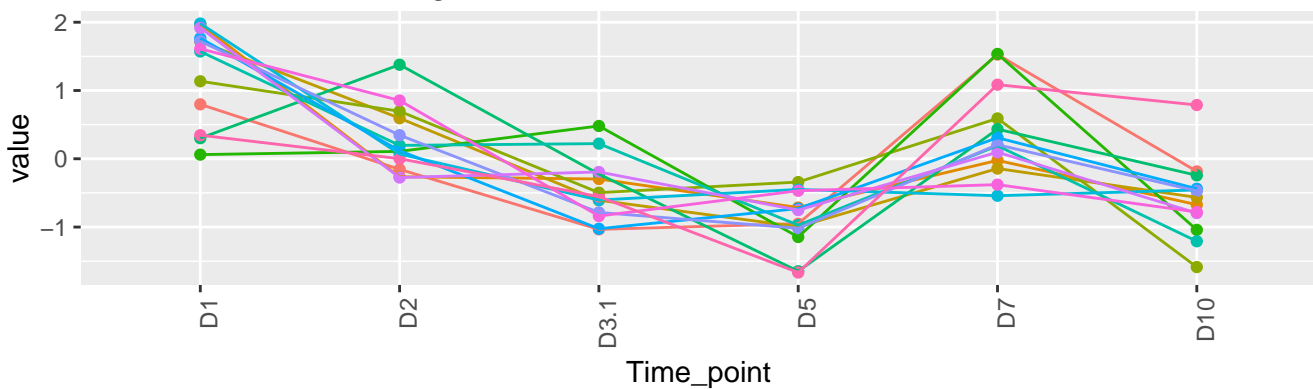
13 genes – KO-cluster-94-standardized



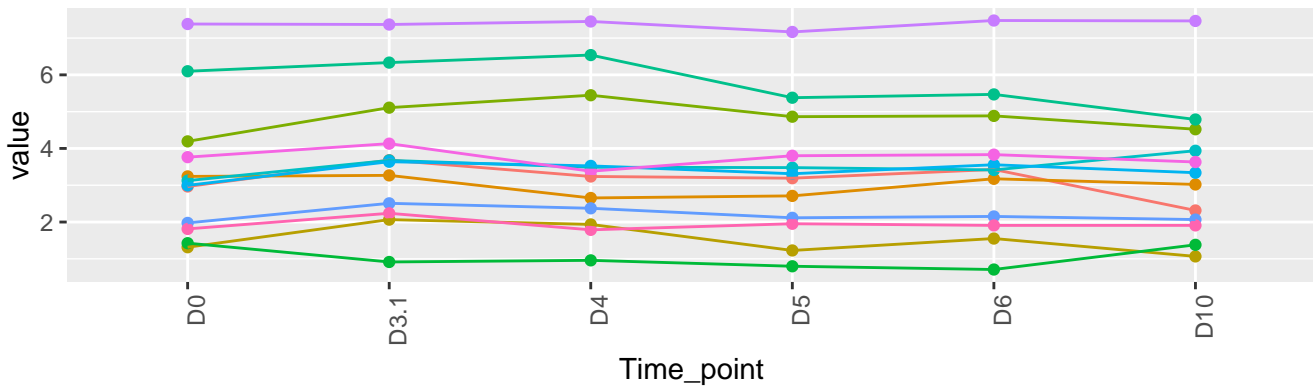
13 genes – WT-cluster-93-original



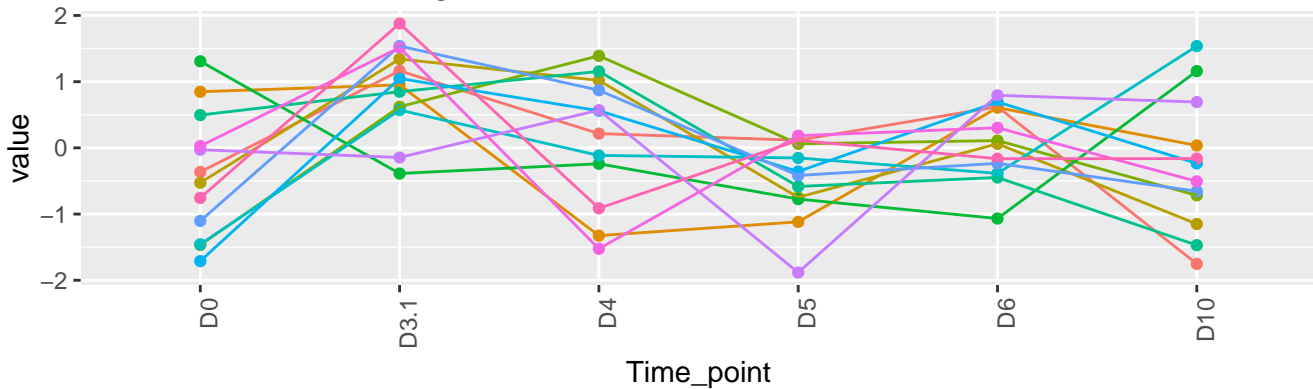
13 genes – WT-cluster-93-standardized



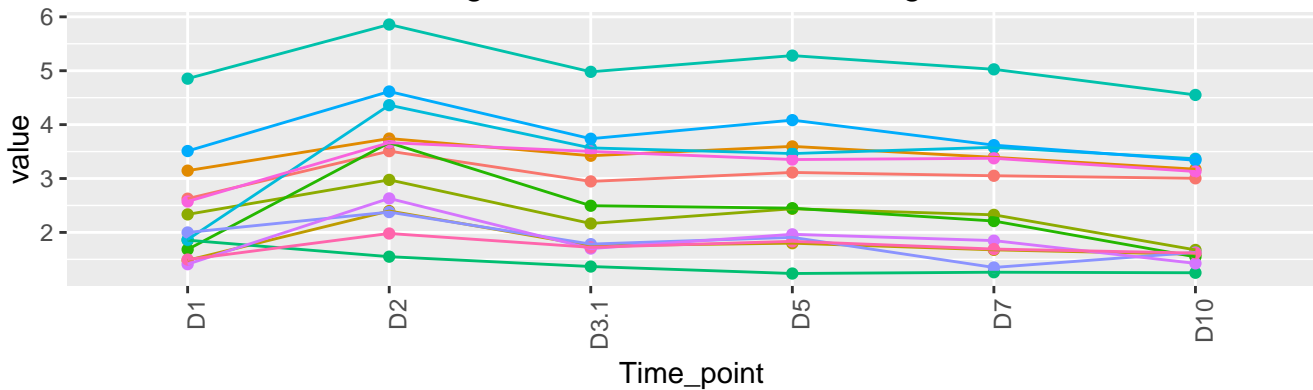
12 genes – KO-cluster-93-original



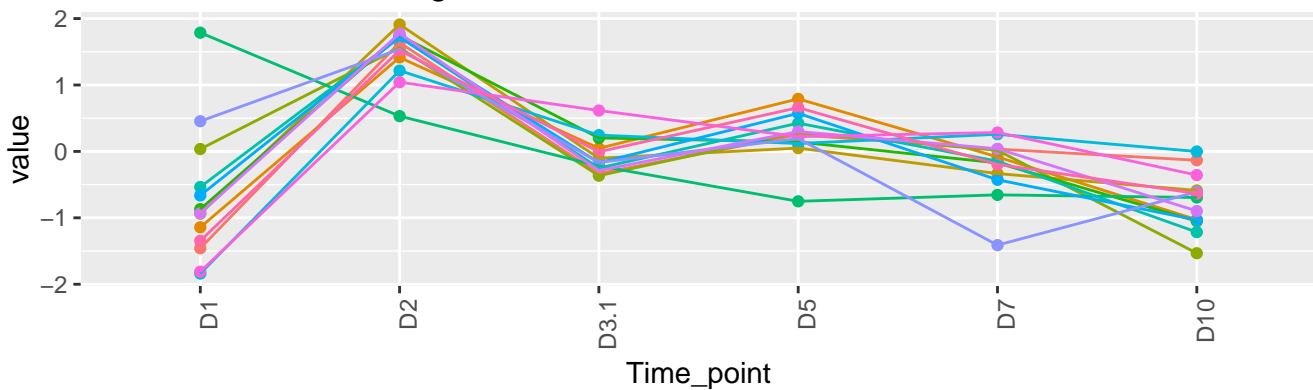
12 genes – KO-cluster-93-standardized



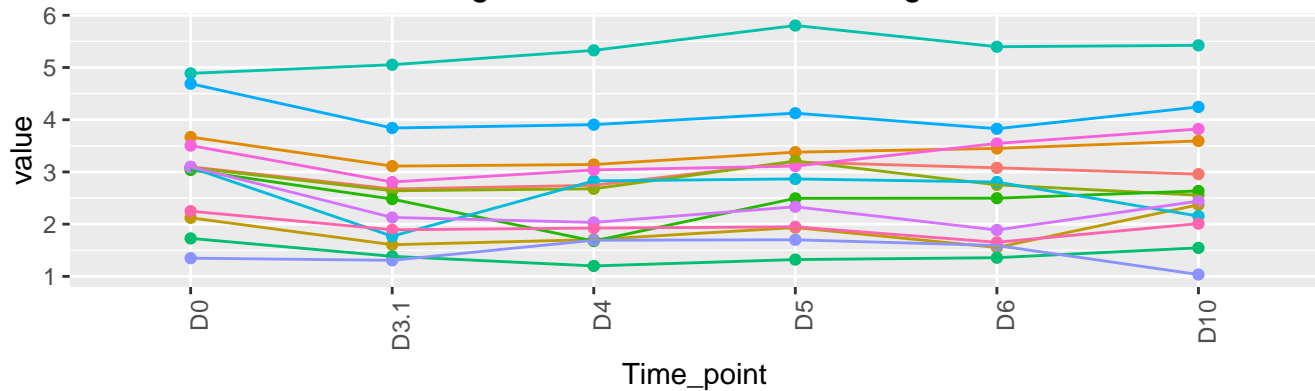
13 genes – WT-cluster-92-original



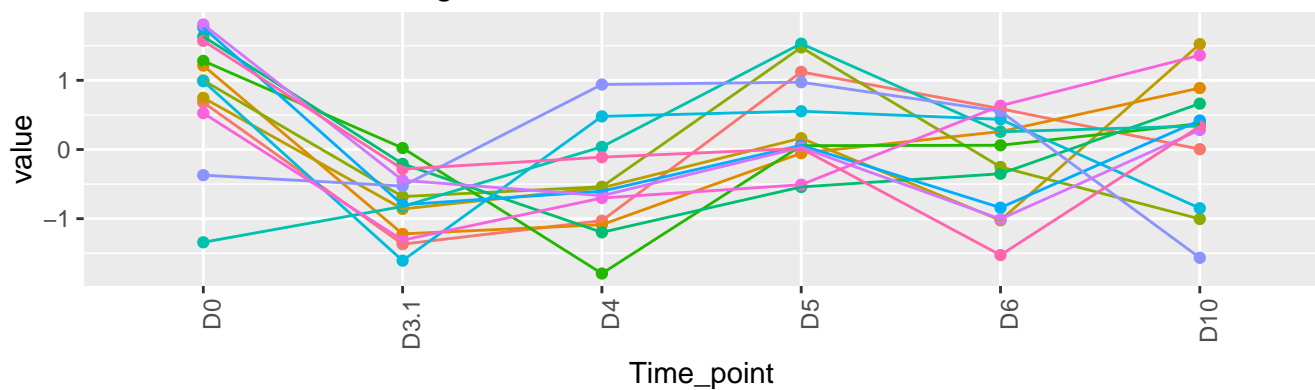
13 genes – WT-cluster-92-standardized



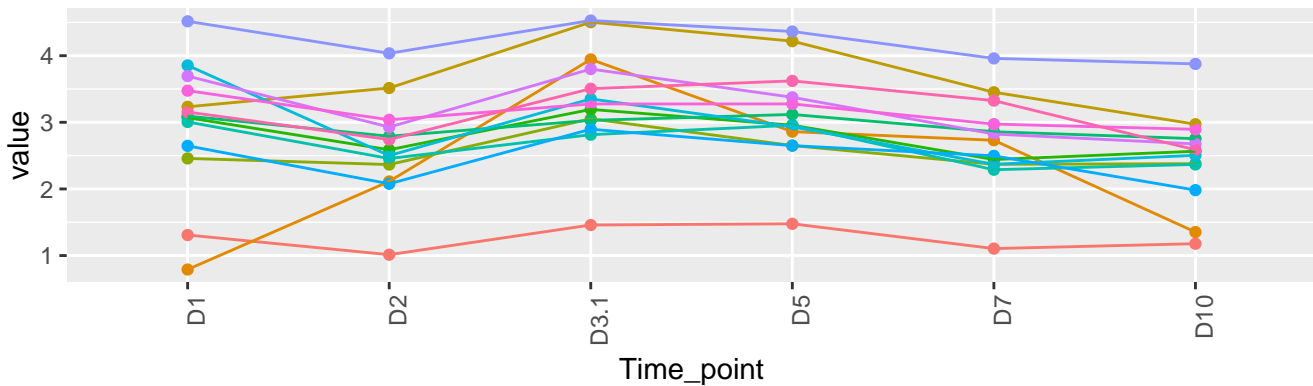
13 genes – KO-cluster-92-original



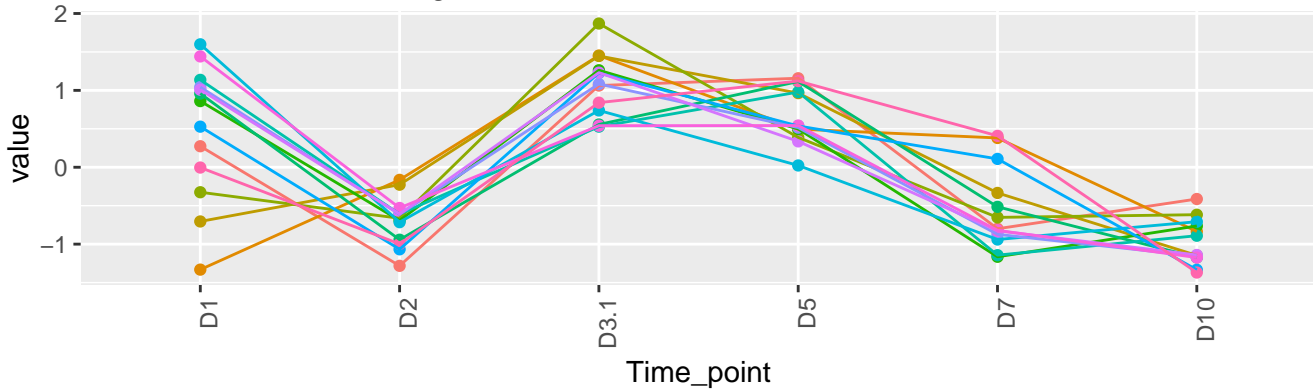
13 genes – KO-cluster-92-standardized



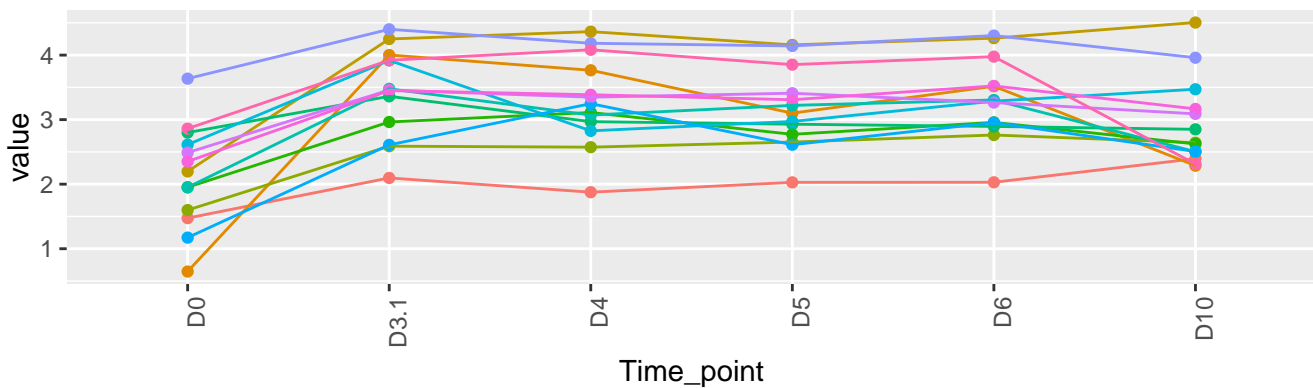
13 genes – WT-cluster-91-original



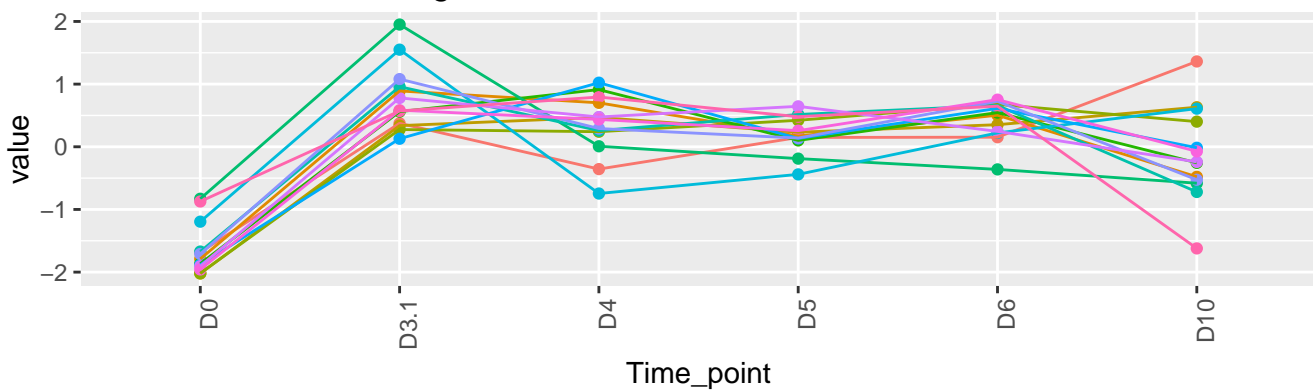
13 genes – WT-cluster-91-standardized



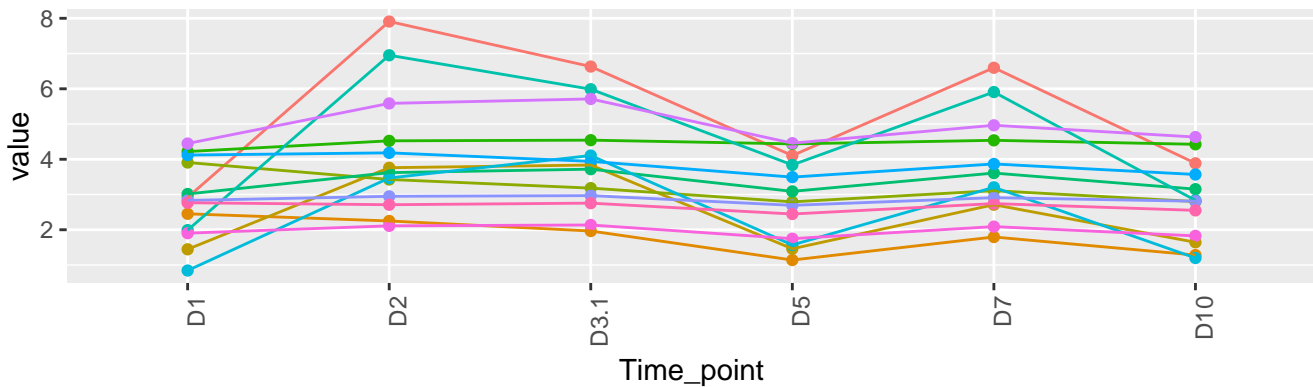
13 genes – KO-cluster-91-original



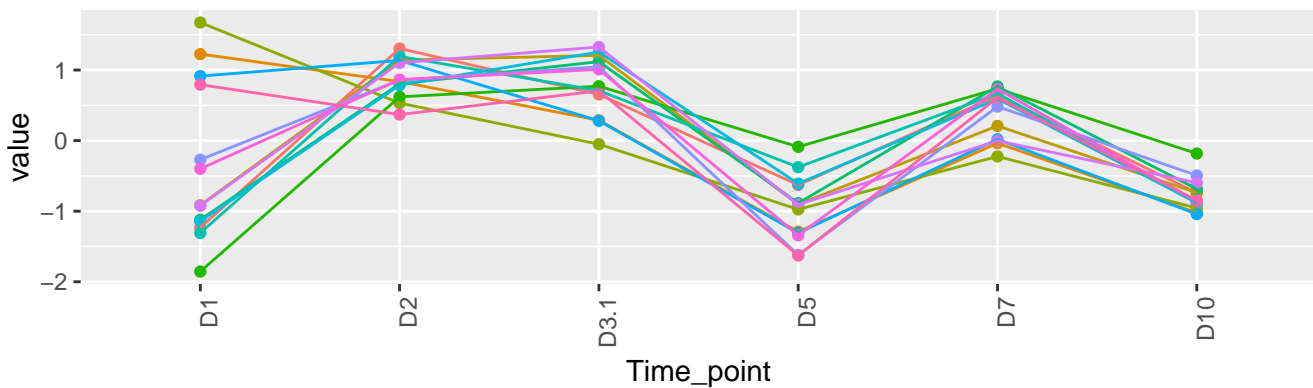
13 genes – KO-cluster-91-standardized



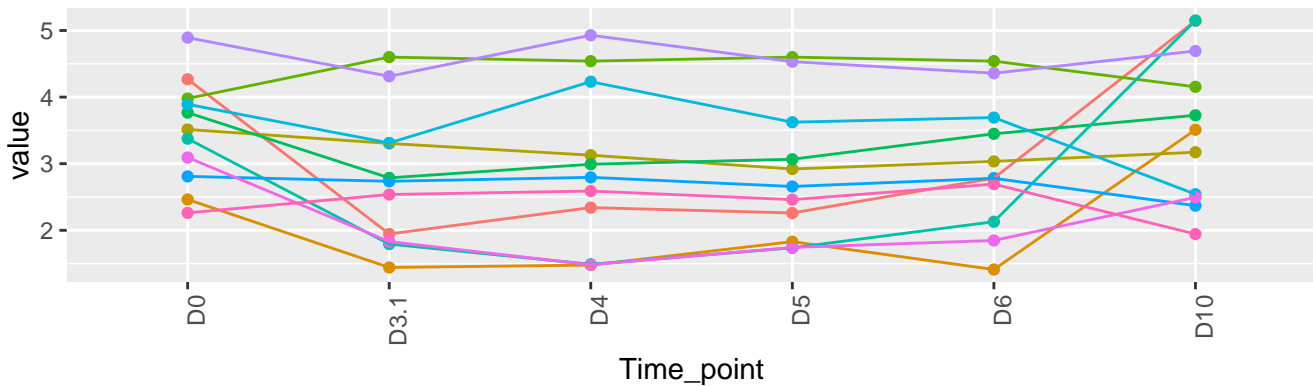
13 genes – WT-cluster-90-original



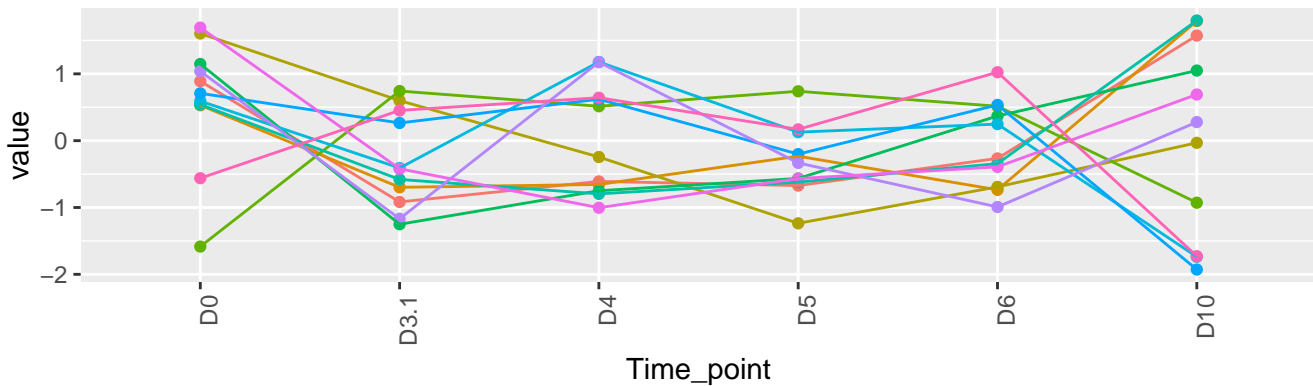
13 genes – WT-cluster-90-standardized



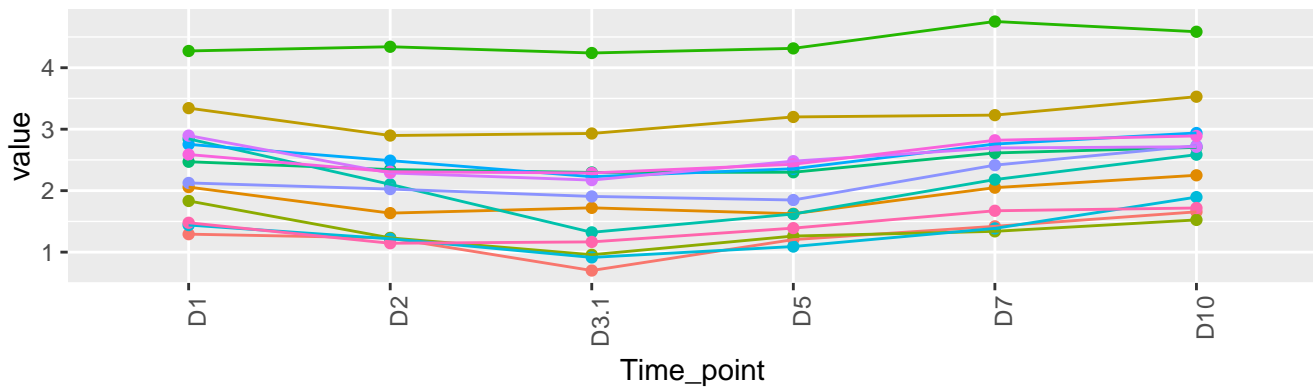
11 genes – KO-cluster-90-original



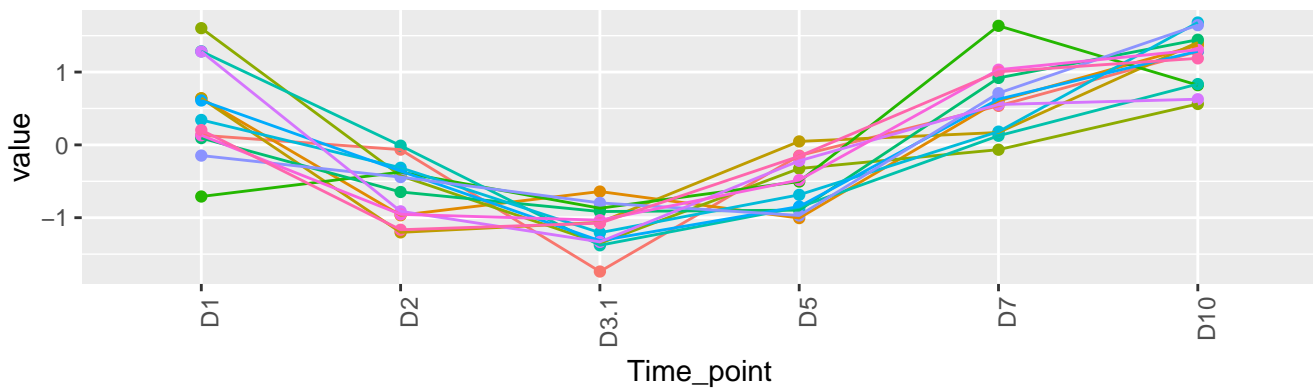
11 genes – KO-cluster-90-standardized



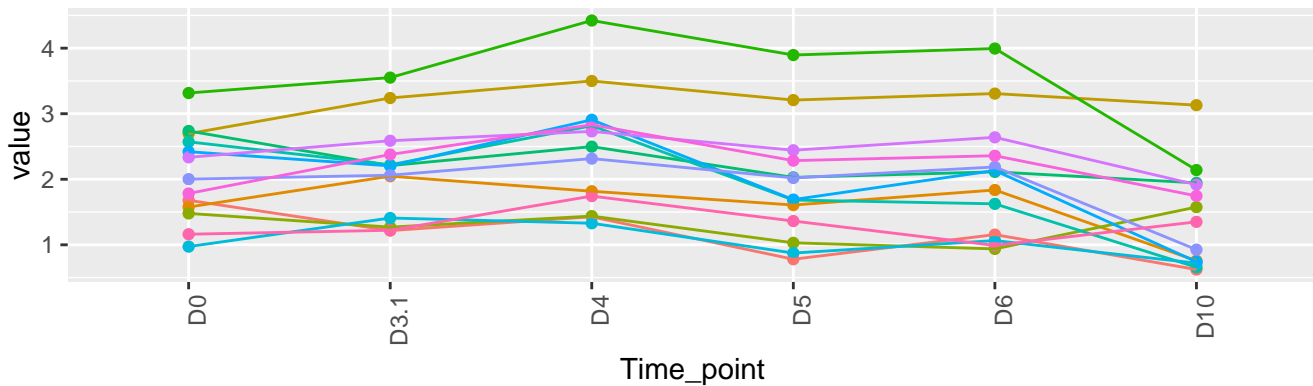
13 genes – WT-cluster-89-original



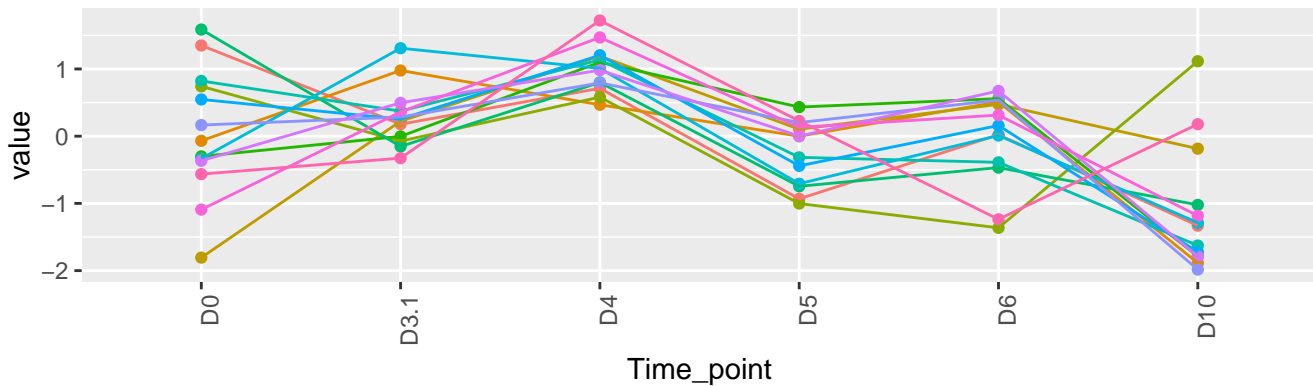
13 genes – WT-cluster-89-standardized



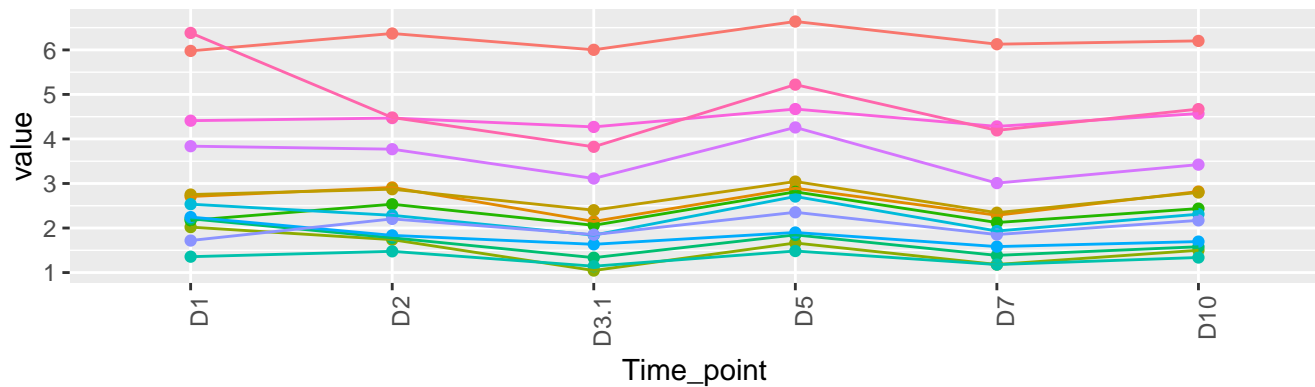
13 genes – KO-cluster-89-original



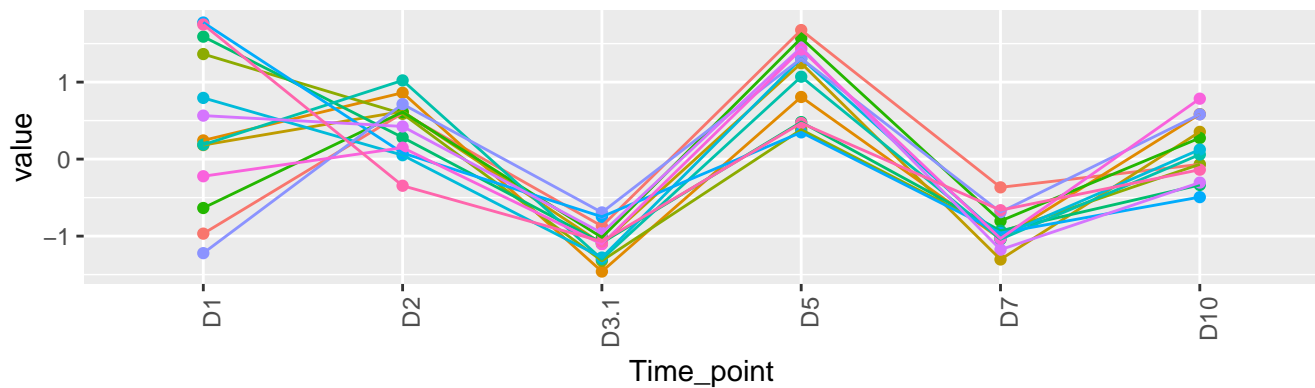
13 genes – KO-cluster-89-standardized



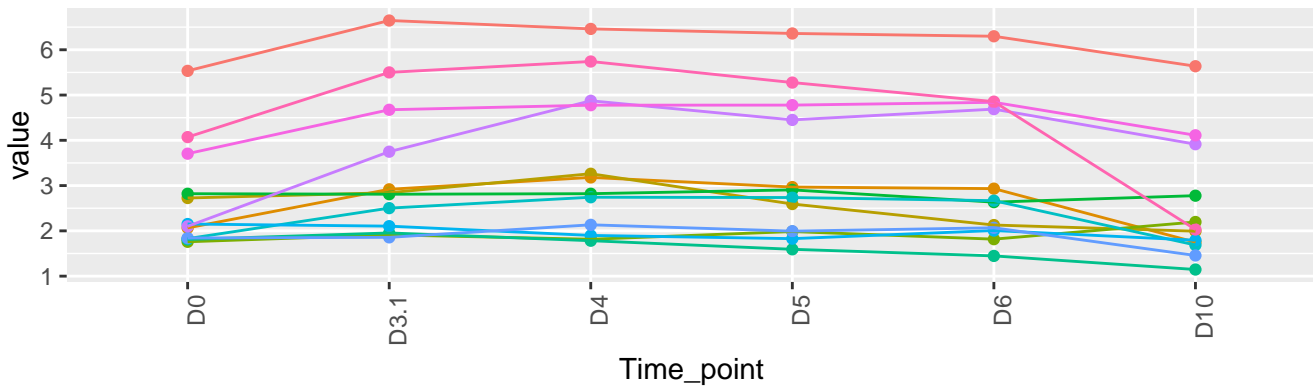
13 genes – WT-cluster-88-original



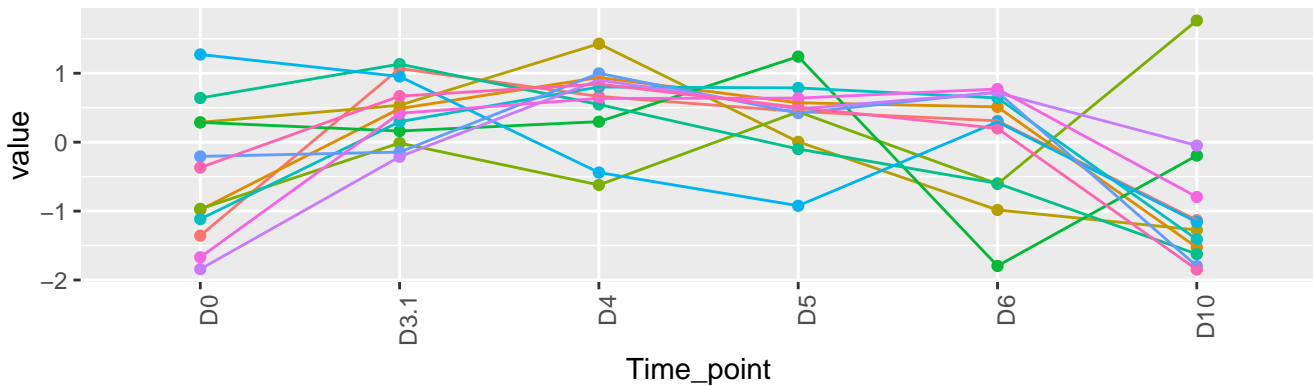
13 genes – WT-cluster-88-standardized



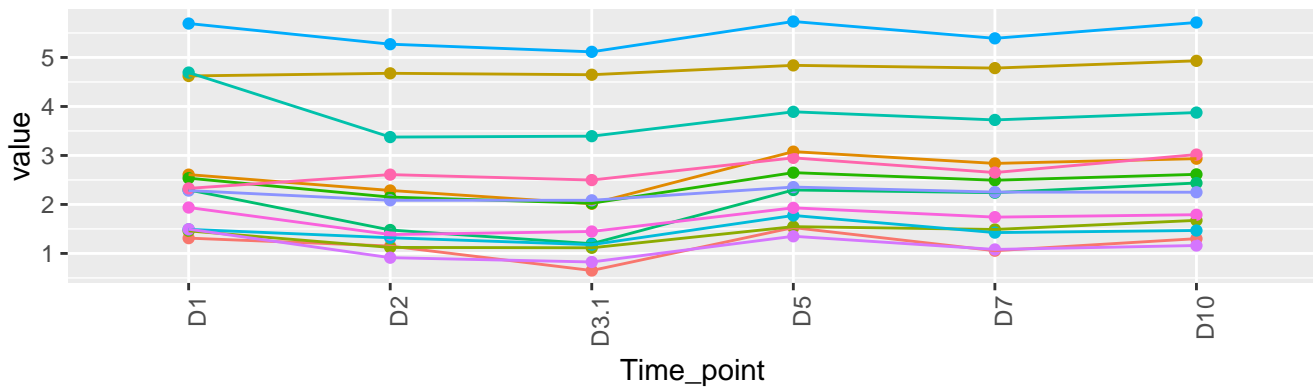
12 genes – KO-cluster-88-original



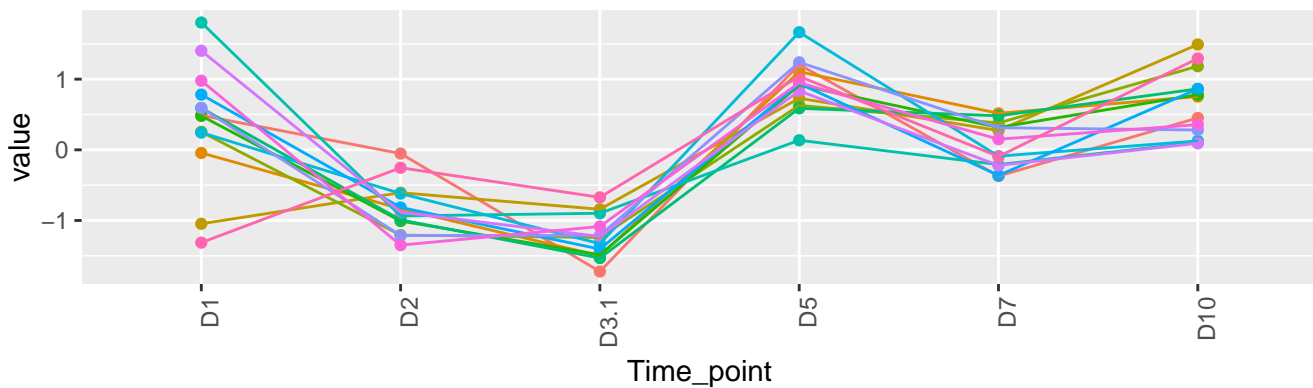
12 genes – KO-cluster-88-standardized



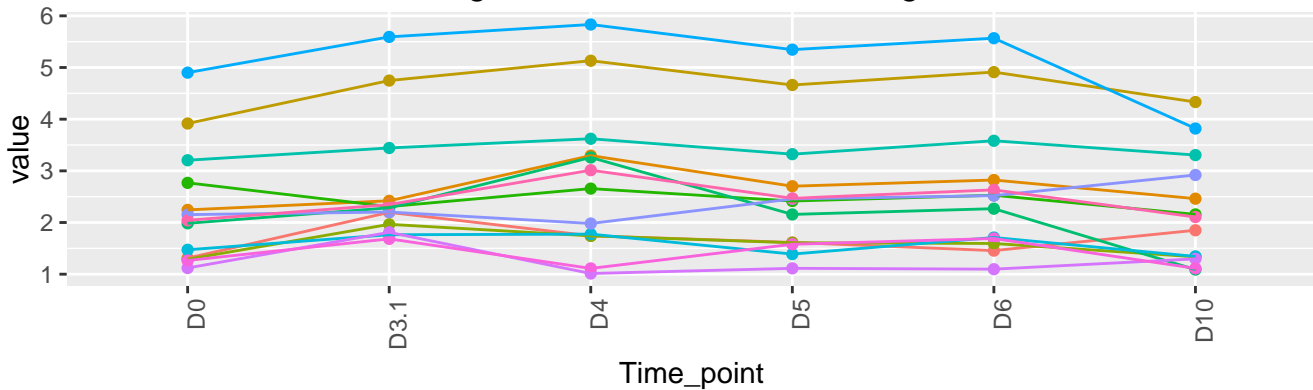
13 genes – WT-cluster-87-original



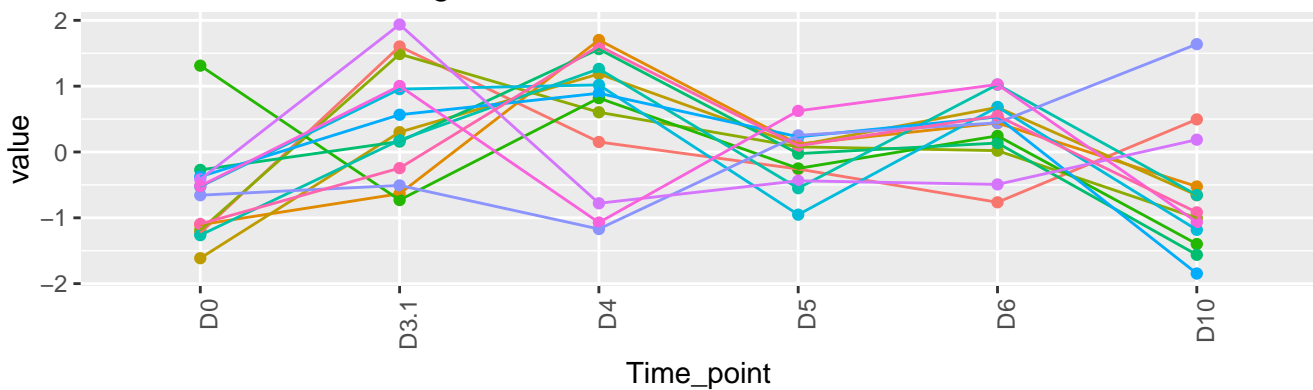
13 genes – WT-cluster-87-standardized



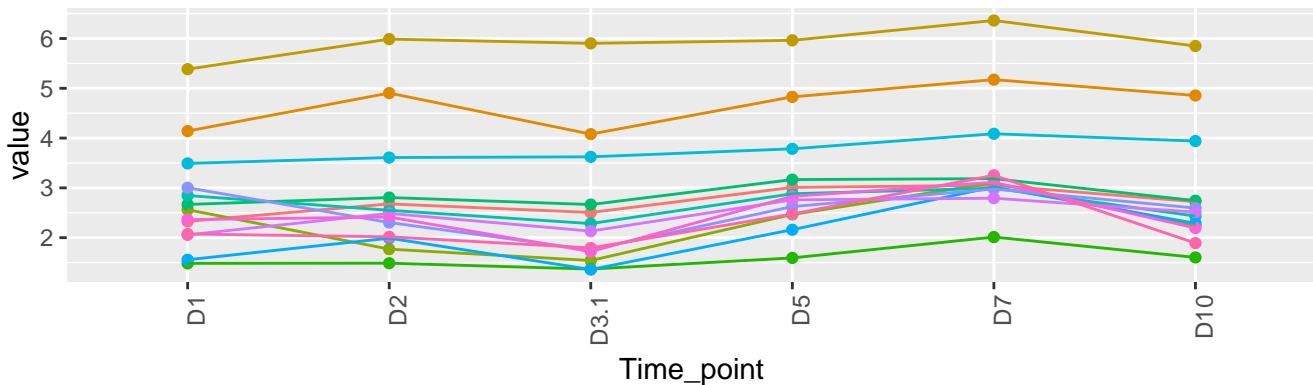
13 genes – KO-cluster-87-original



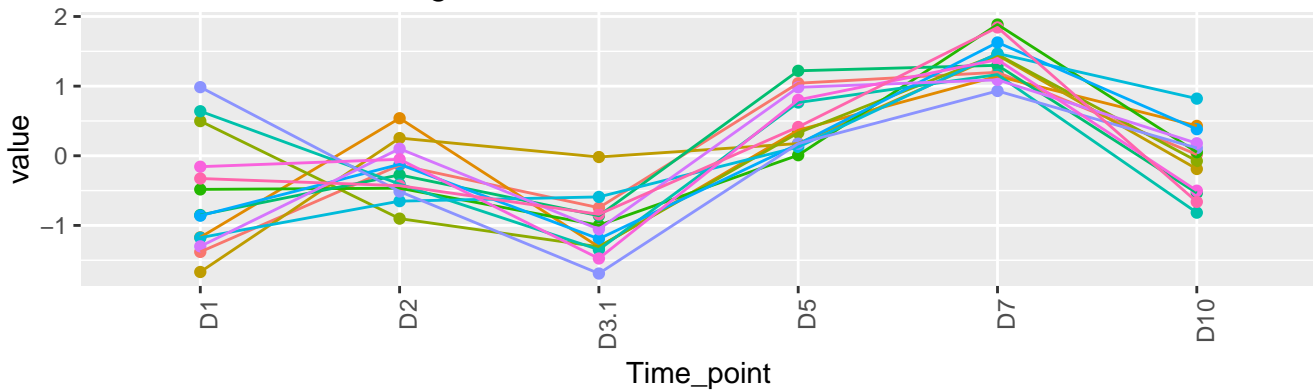
13 genes – KO-cluster-87-standardized



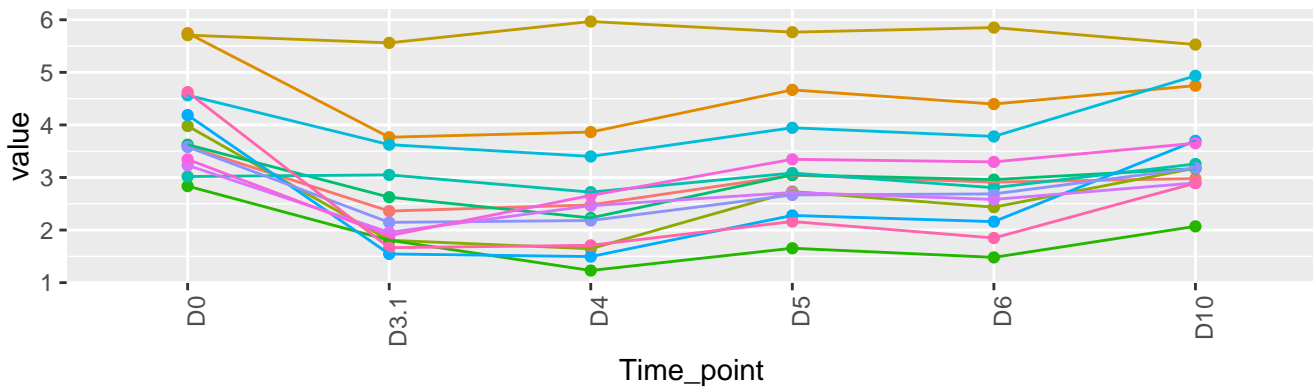
13 genes – WT-cluster-86-original



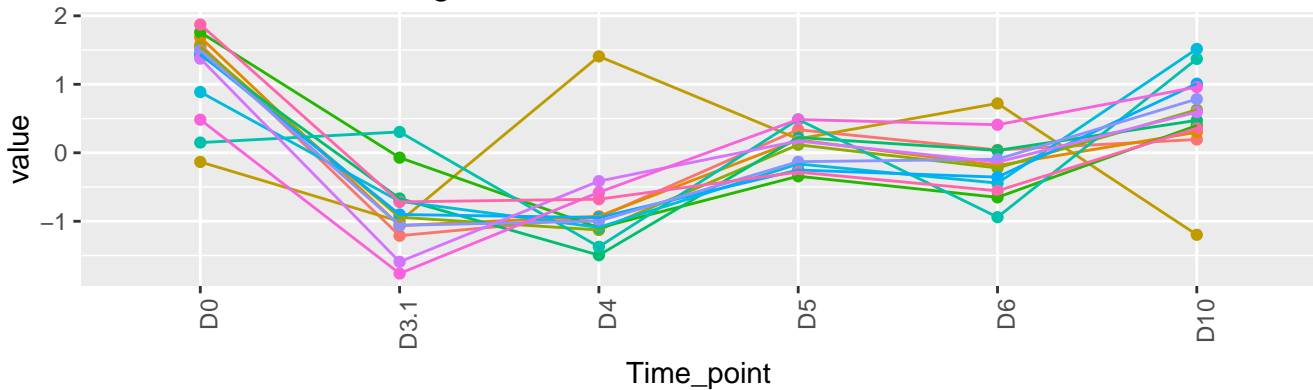
13 genes – WT-cluster-86-standardized



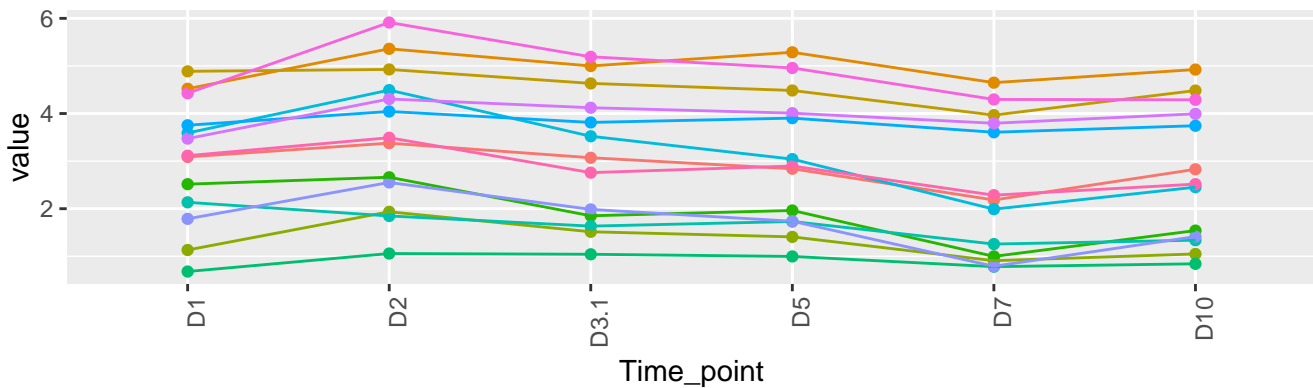
13 genes – KO-cluster-86-original



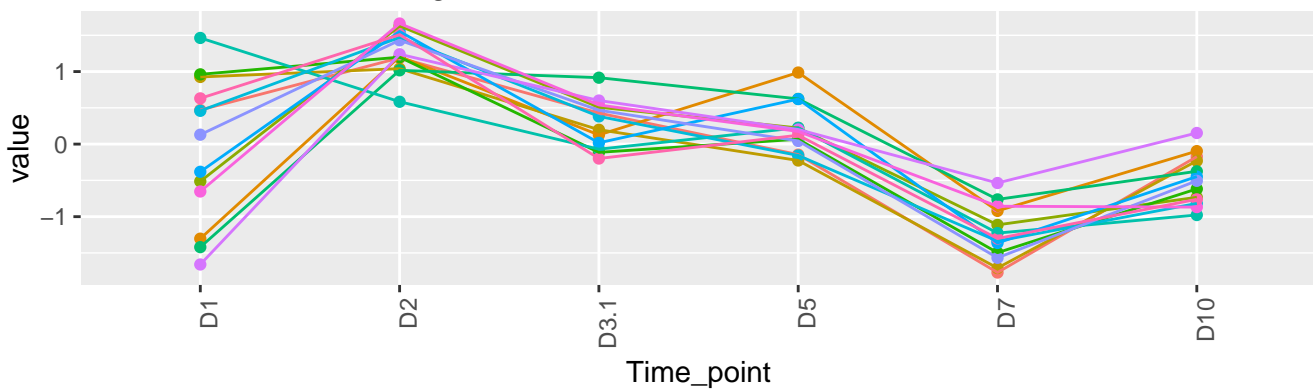
13 genes – KO-cluster-86-standardized



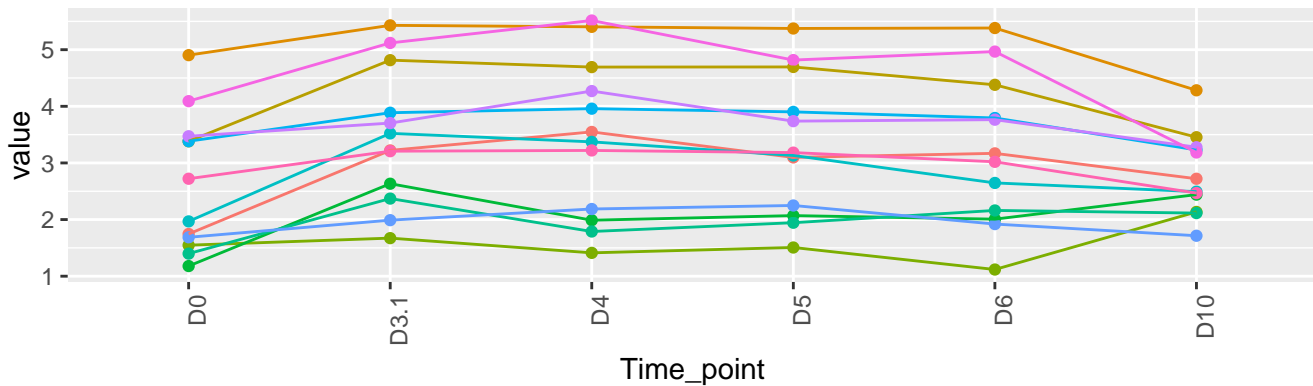
13 genes – WT-cluster-85-original



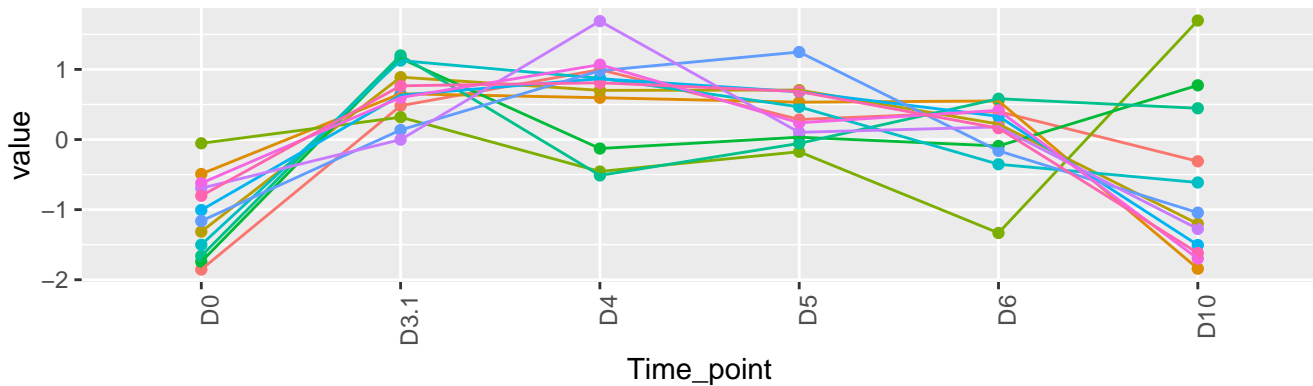
13 genes – WT-cluster-85-standardized



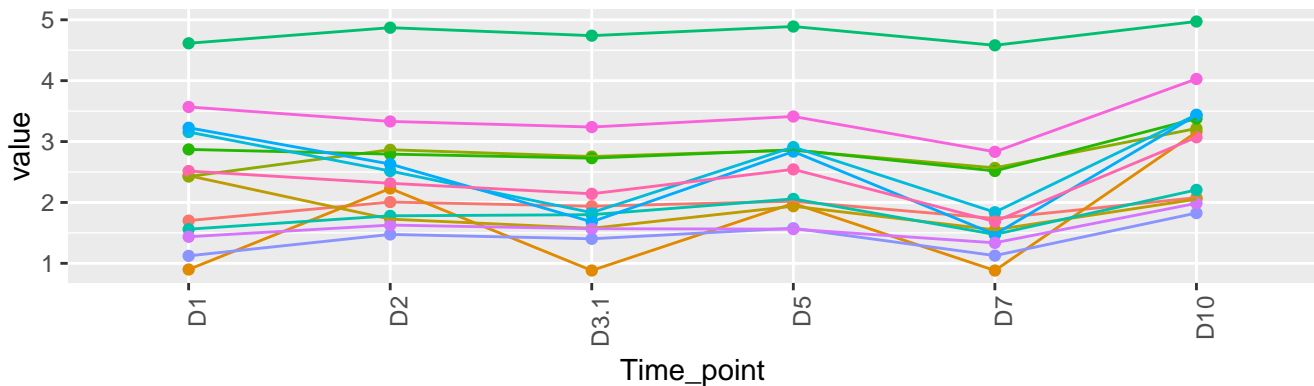
12 genes – KO-cluster-85-original



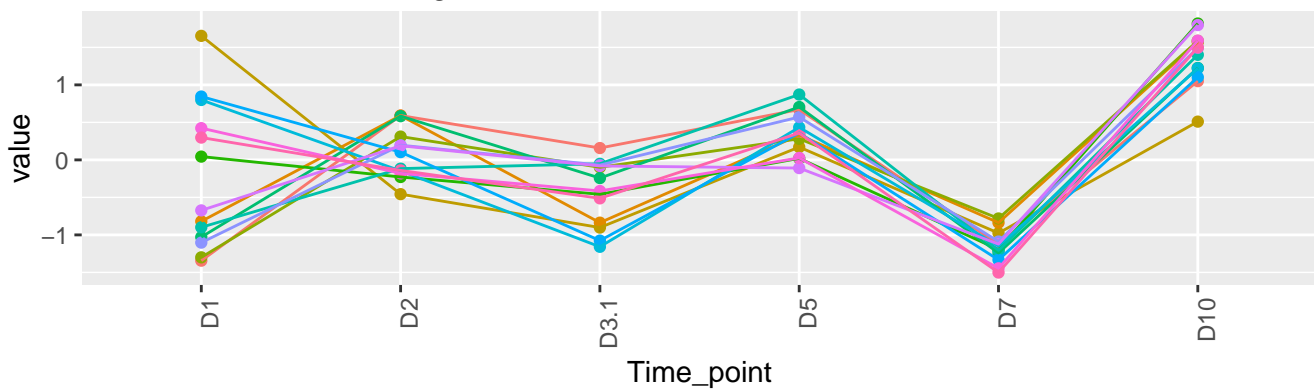
12 genes – KO-cluster-85-standardized



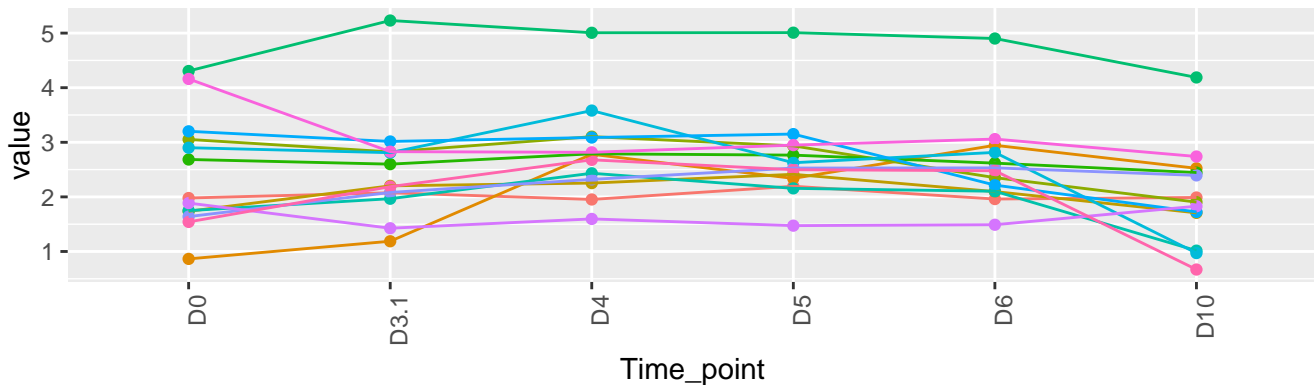
13 genes – WT-cluster-84-original



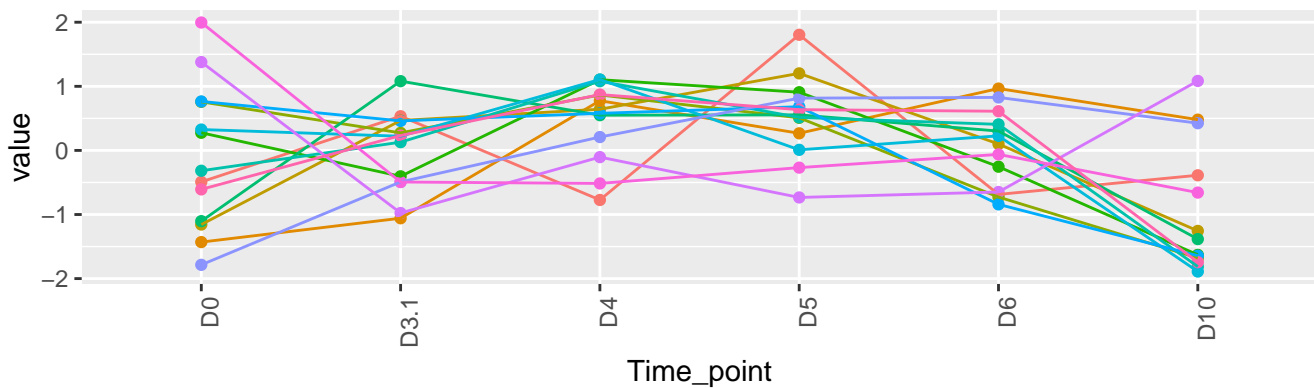
13 genes – WT-cluster-84-standardized



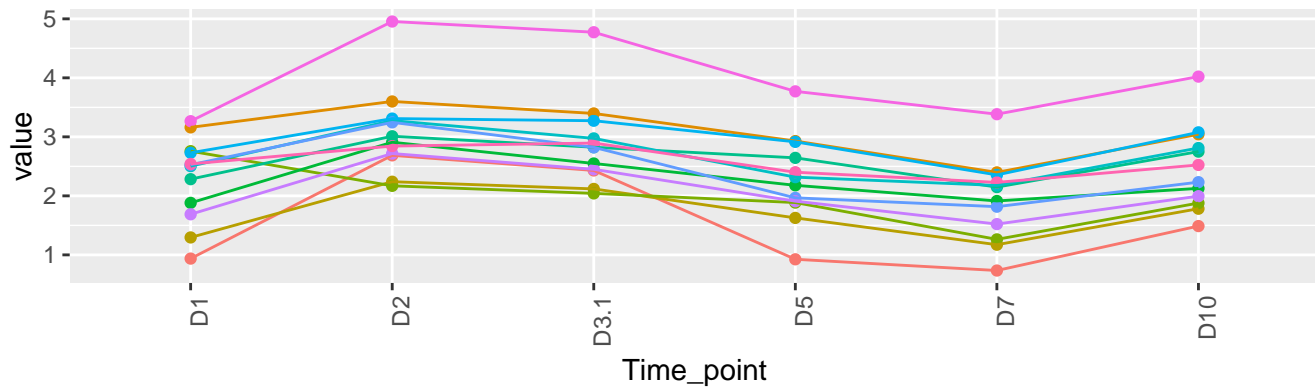
13 genes – KO-cluster-84-original



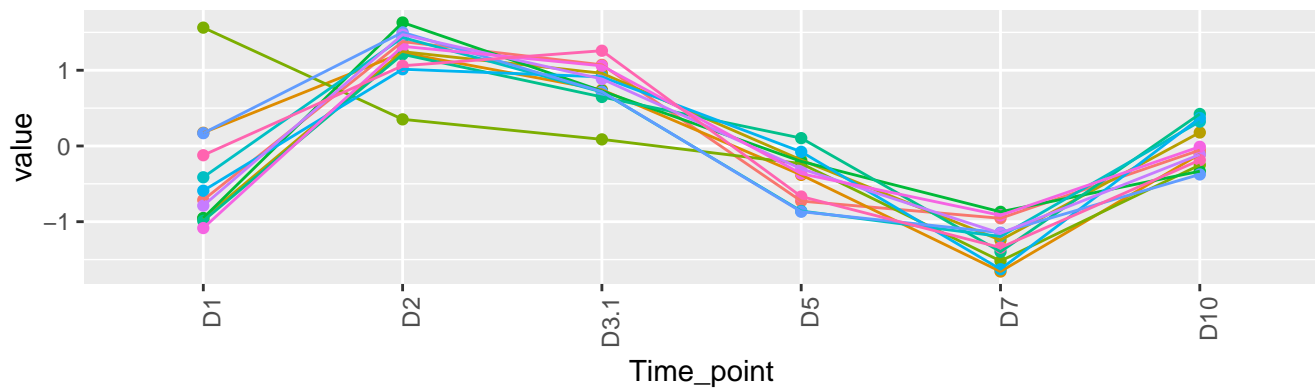
13 genes – KO-cluster-84-standardized



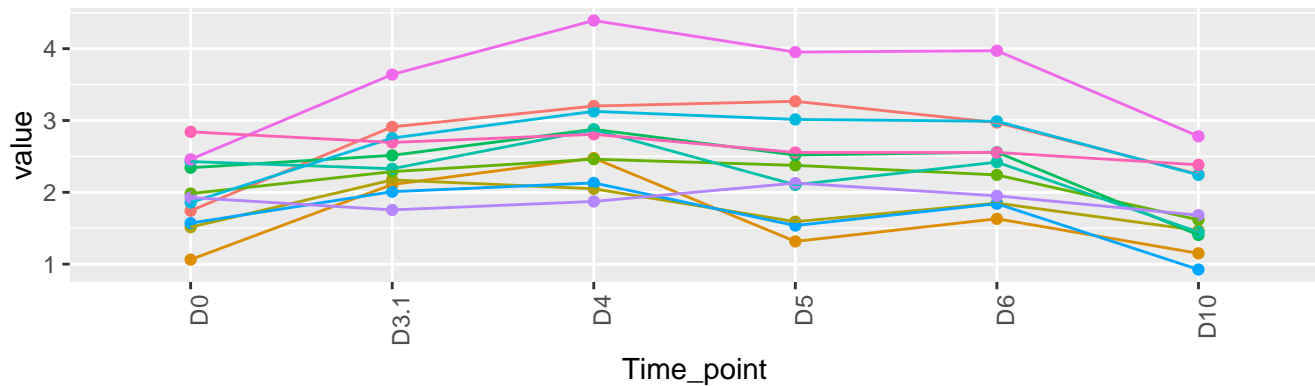
12 genes – WT-cluster-83-original



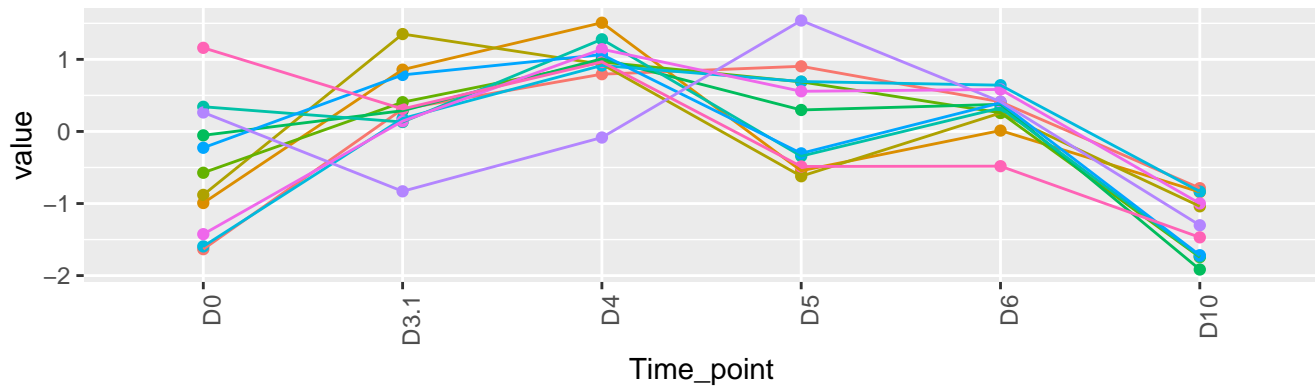
12 genes – WT-cluster-83-standardized



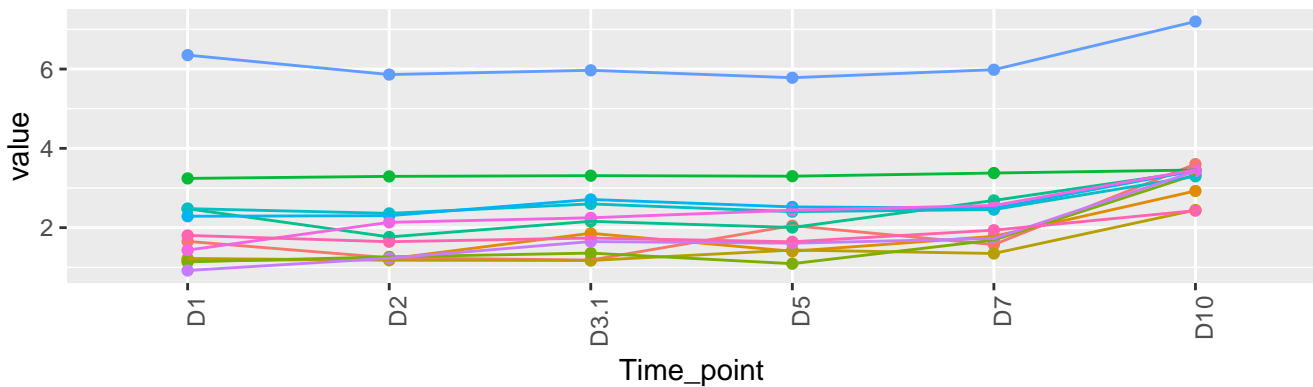
11 genes – KO-cluster-83-original



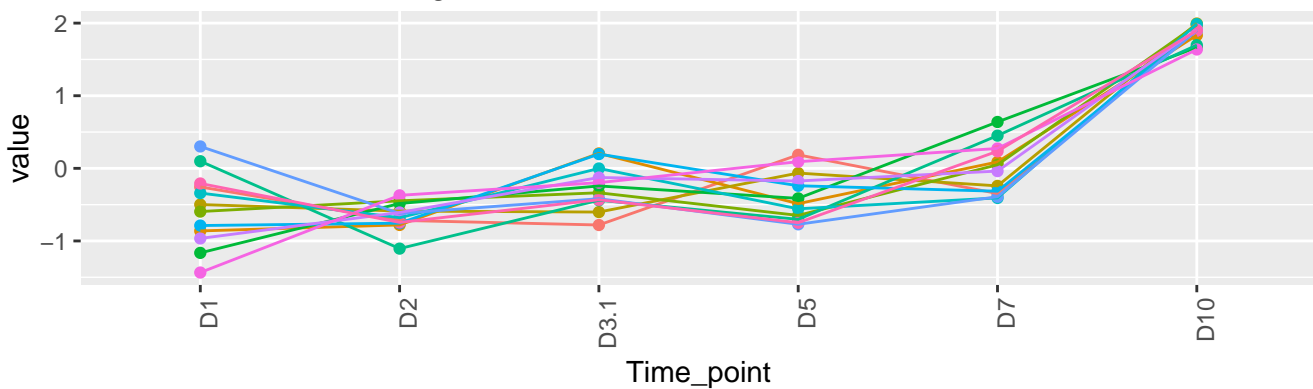
11 genes – KO-cluster-83-standardized



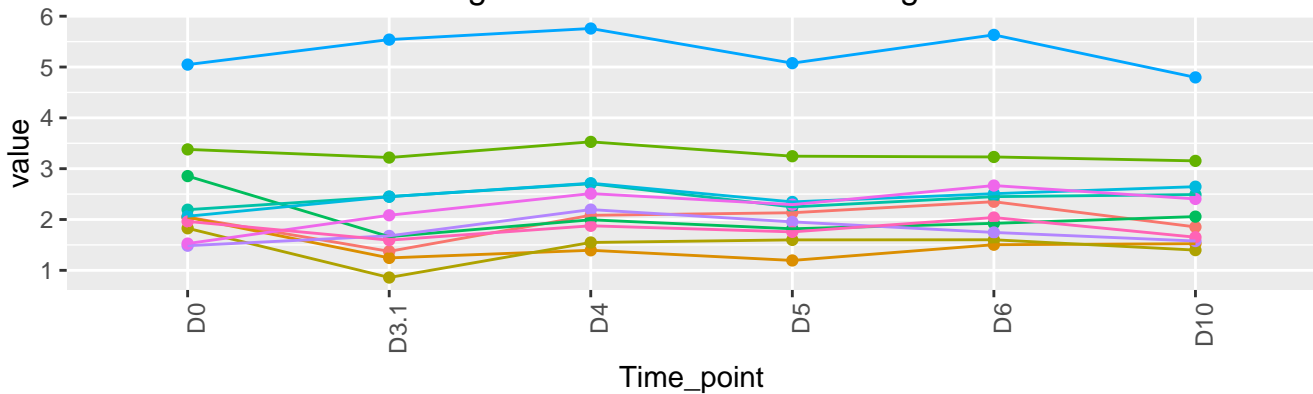
12 genes – WT-cluster-82-original



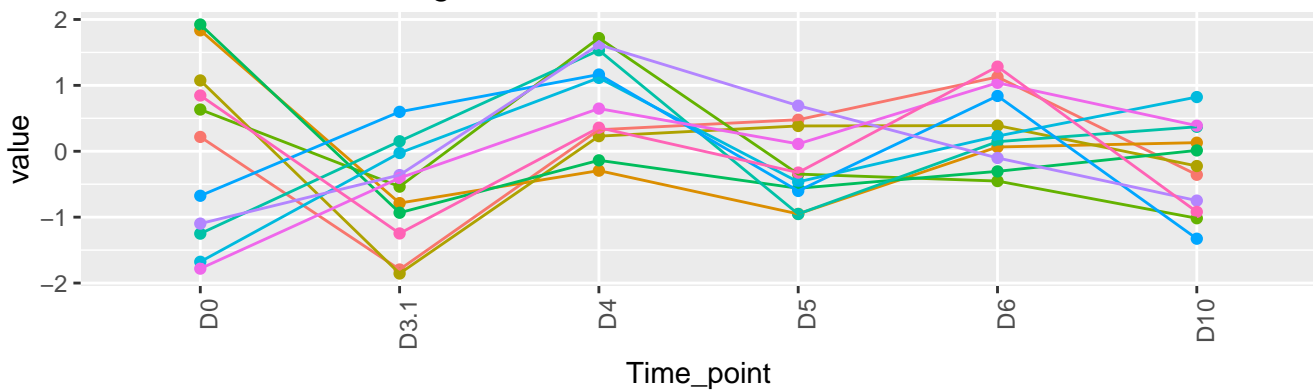
12 genes – WT-cluster-82-standardized



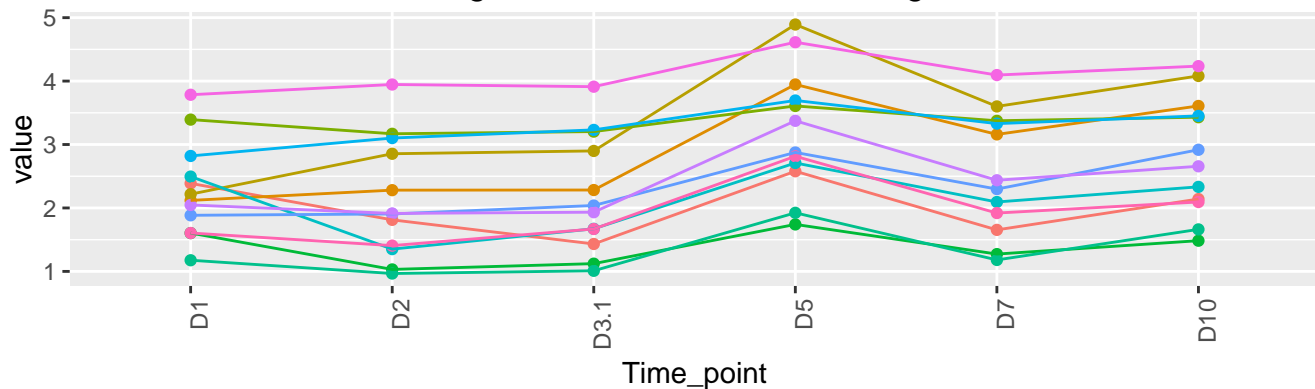
11 genes – KO-cluster-82-original



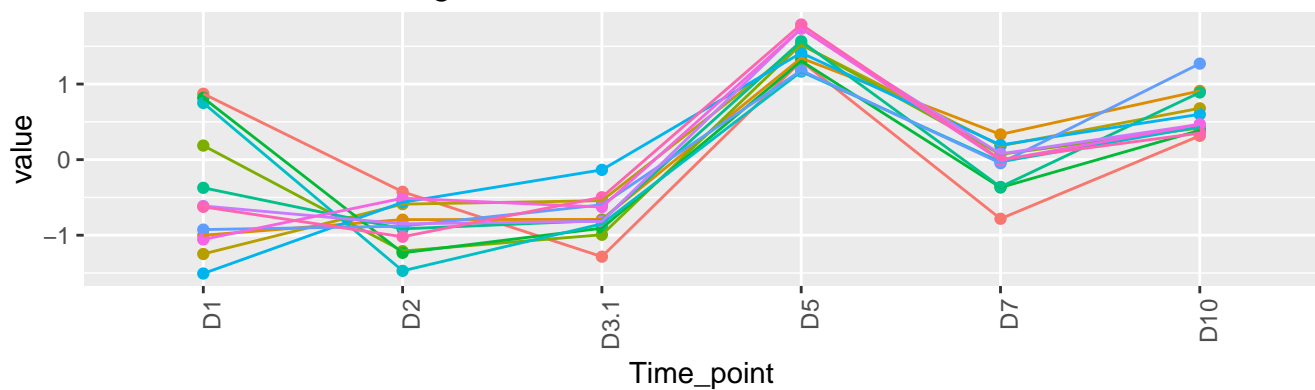
11 genes – KO-cluster-82-standardized



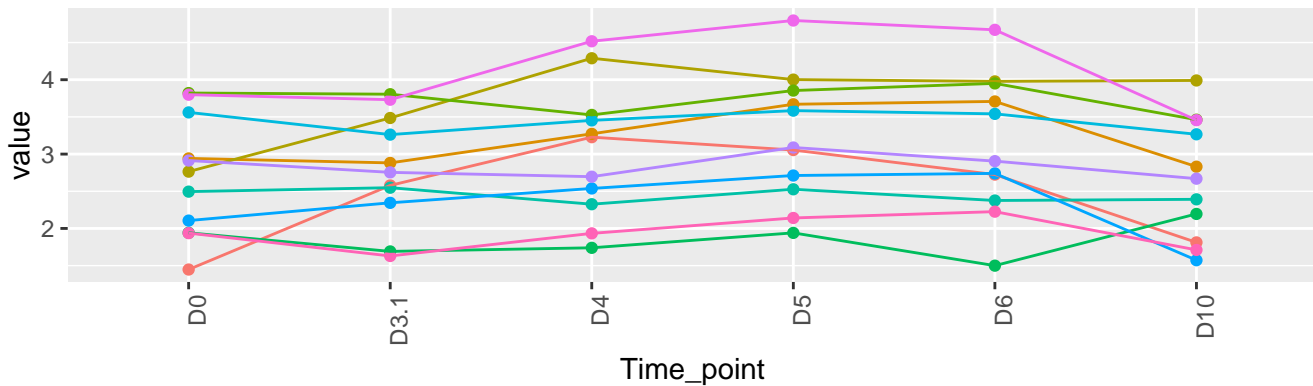
12 genes – WT-cluster-81-original



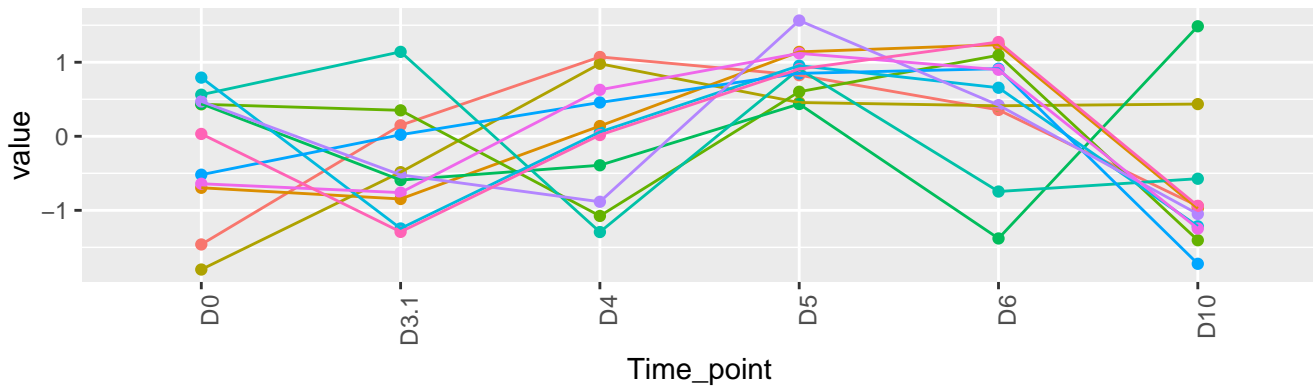
12 genes – WT-cluster-81-standardized



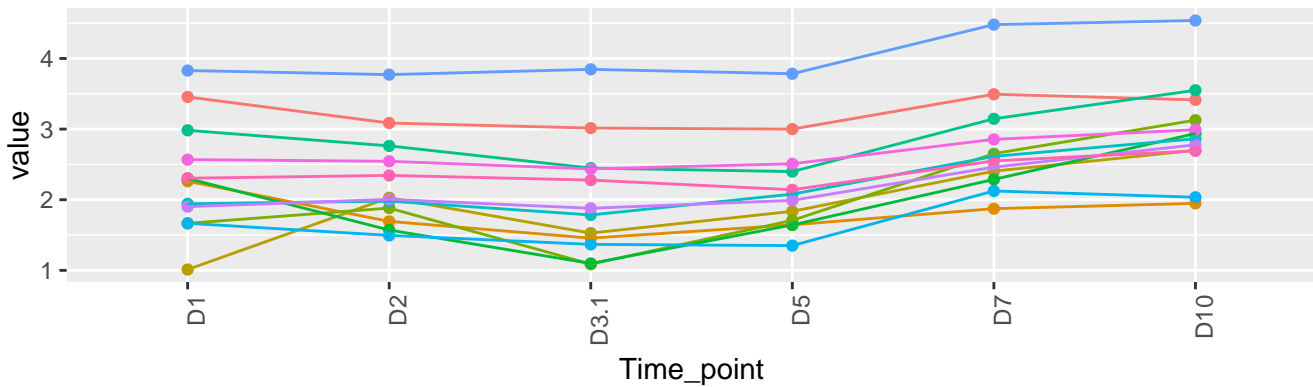
11 genes – KO-cluster-81-original



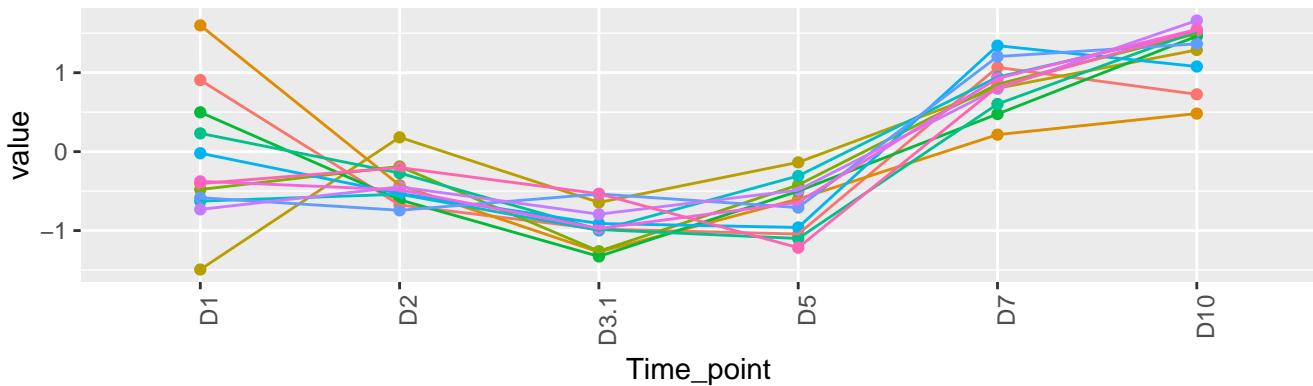
11 genes – KO-cluster-81-standardized



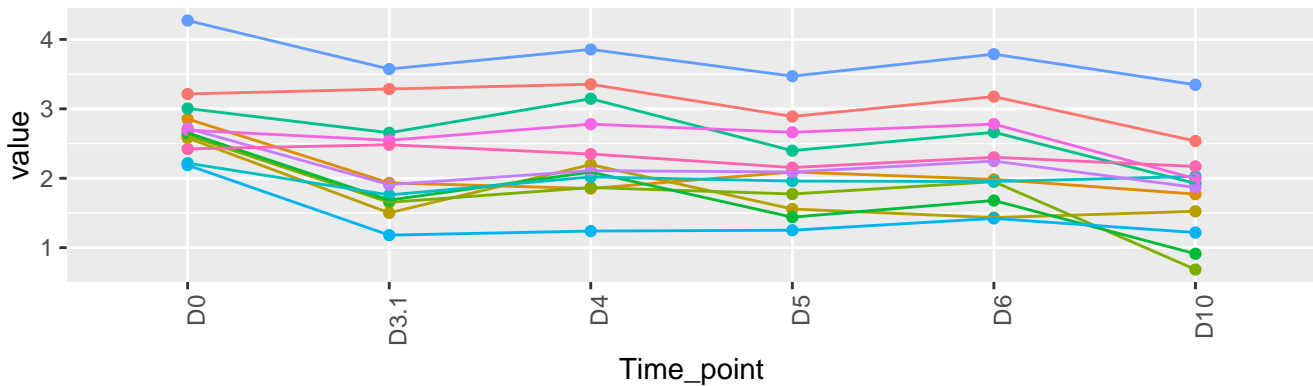
12 genes – WT-cluster-80-original



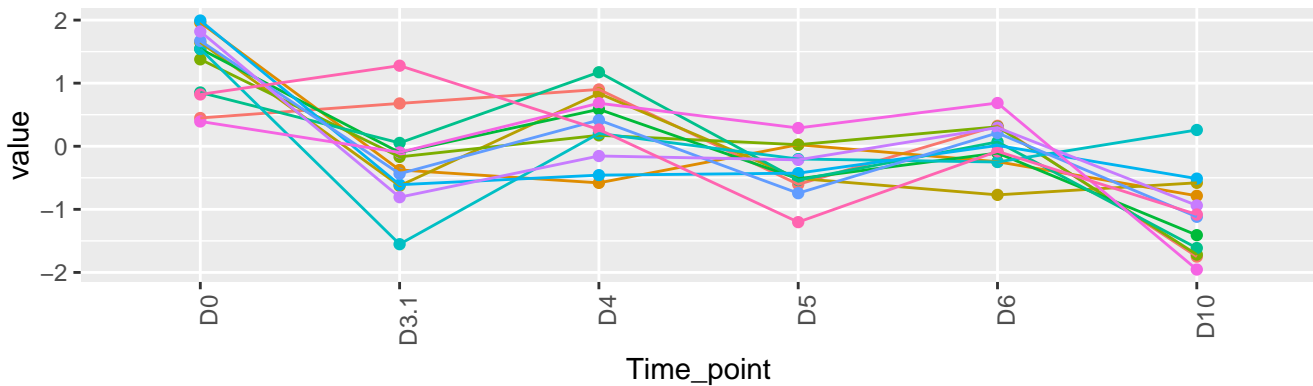
12 genes – WT-cluster-80-standardized



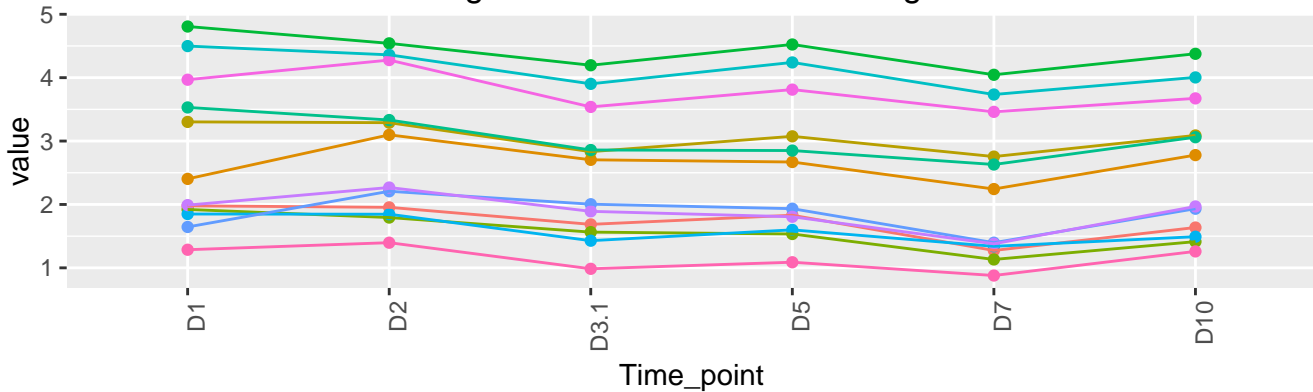
12 genes – KO-cluster-80-original



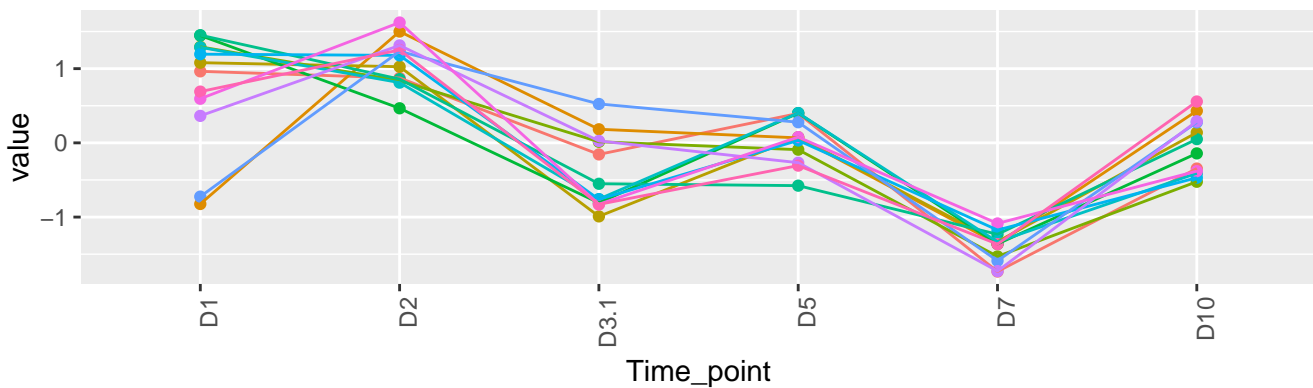
12 genes – KO-cluster-80-standardized



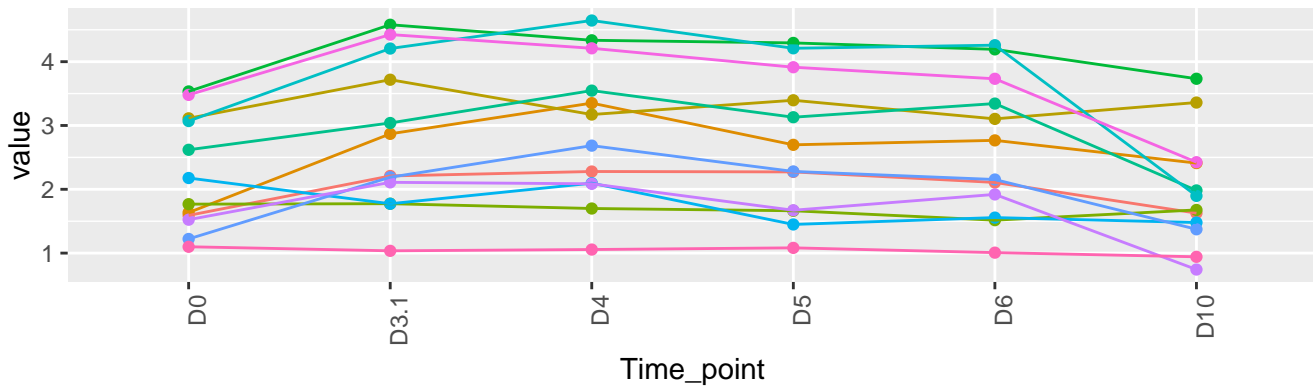
12 genes – WT-cluster-79-original



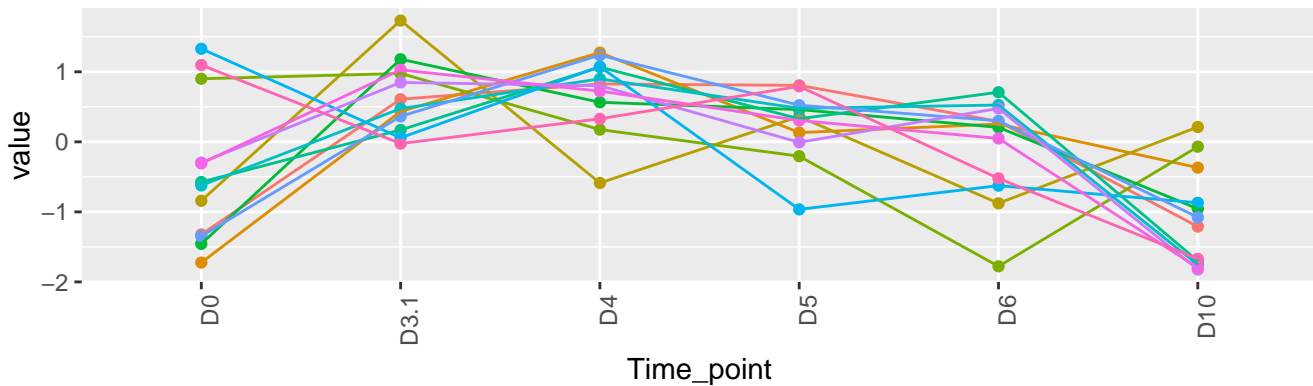
12 genes – WT-cluster-79-standardized



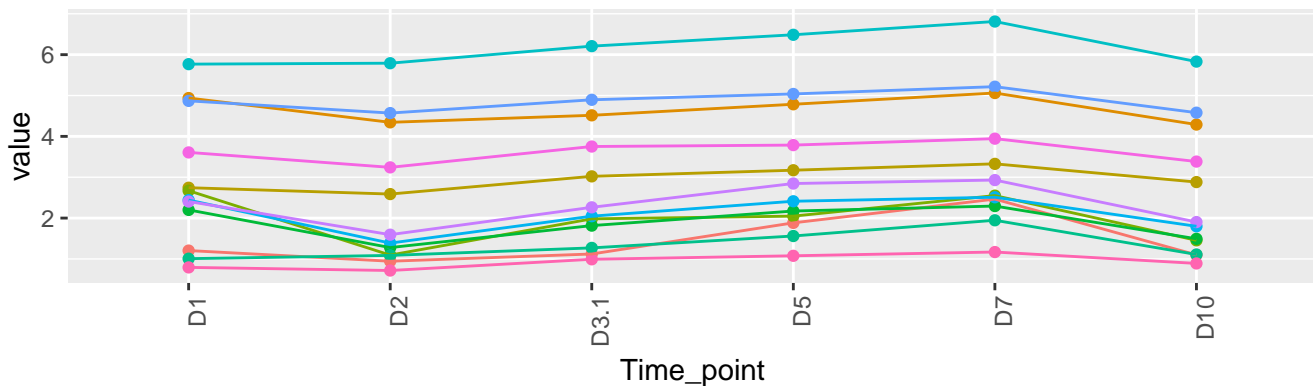
12 genes – KO-cluster-79-original



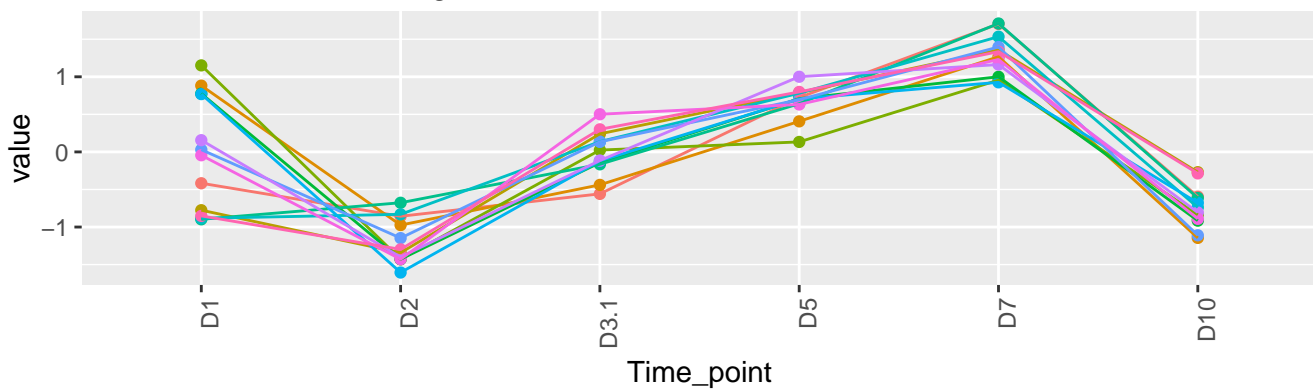
12 genes – KO-cluster-79-standardized



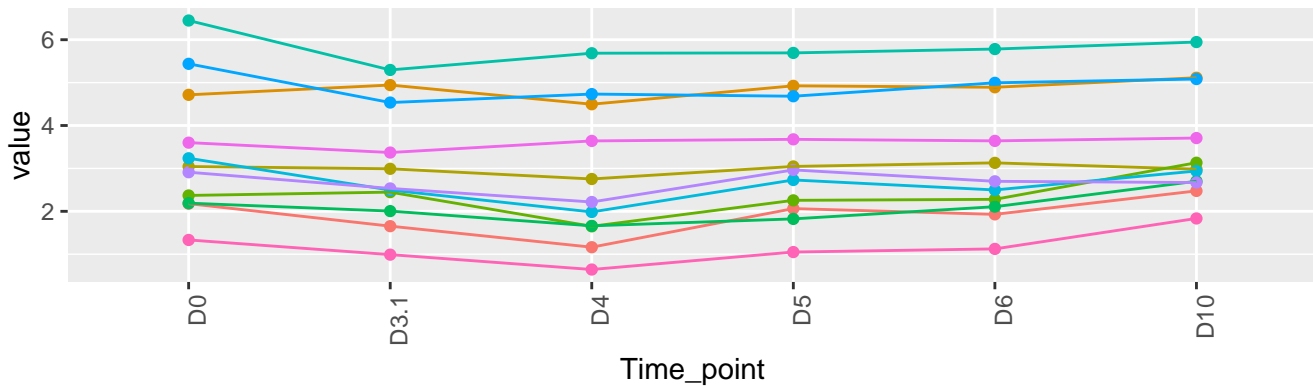
12 genes – WT-cluster-78-original



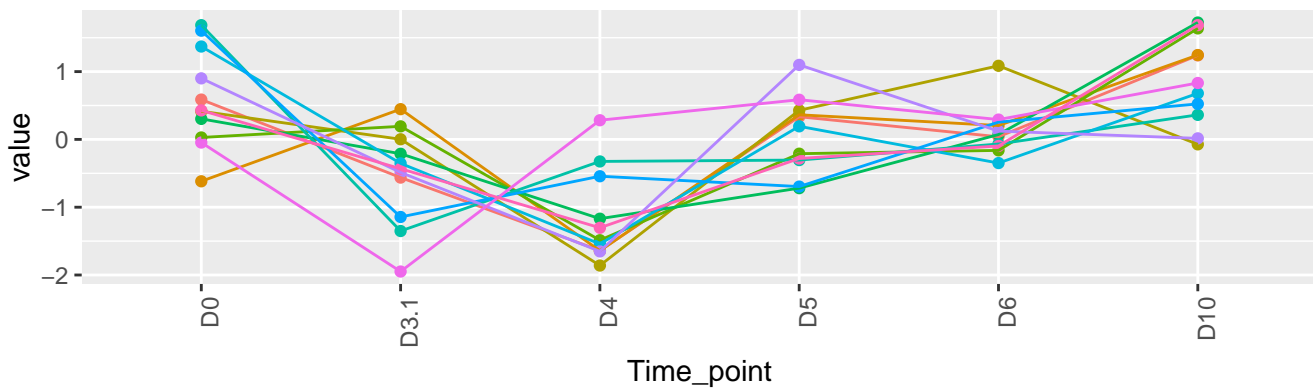
12 genes – WT-cluster-78-standardized



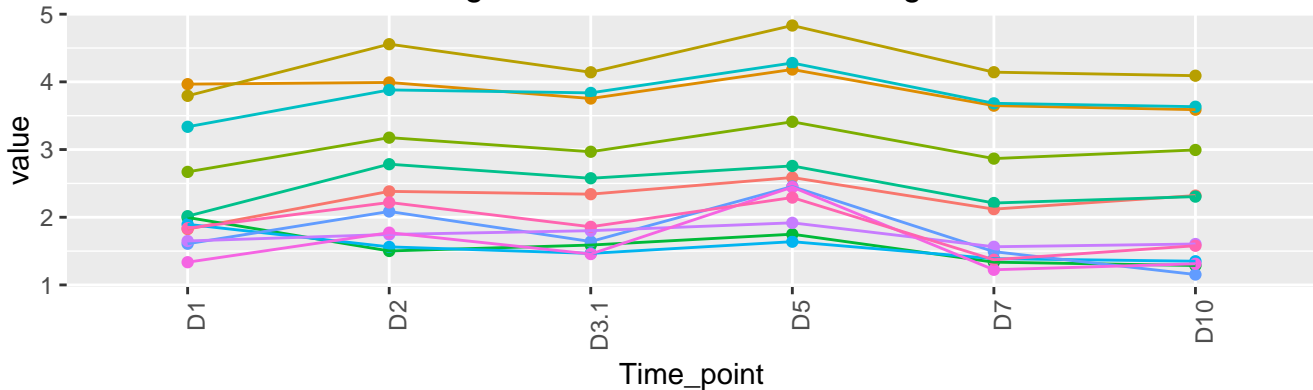
11 genes – KO-cluster-78-original



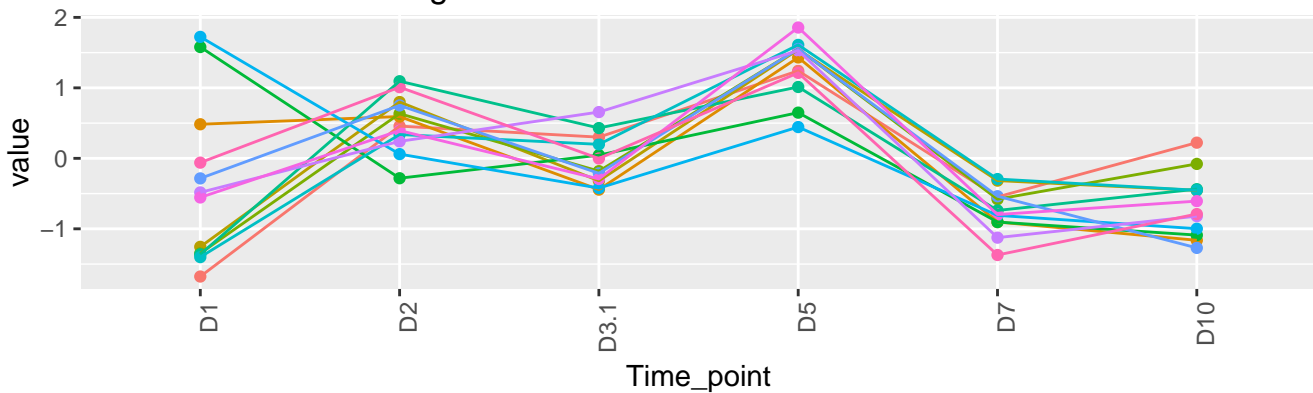
11 genes – KO-cluster-78-standardized



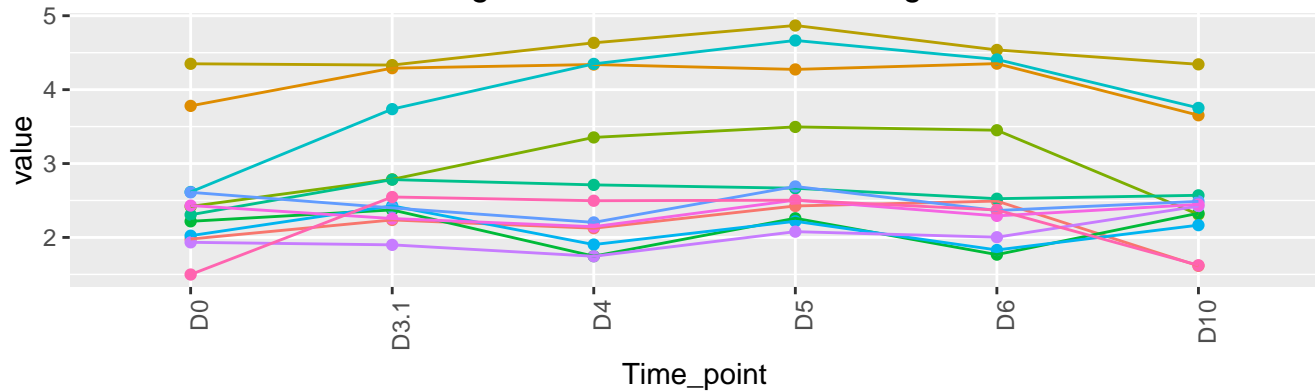
12 genes – WT-cluster-77-original



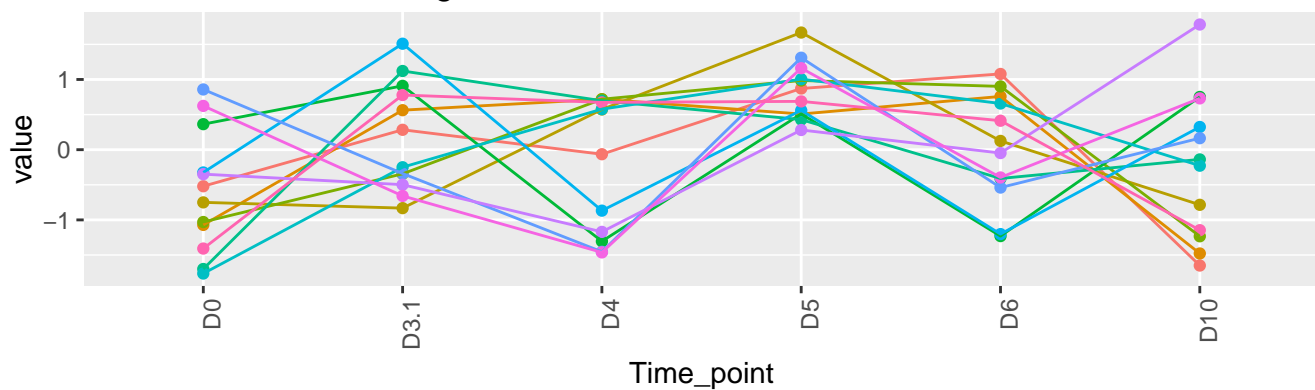
12 genes – WT-cluster-77-standardized



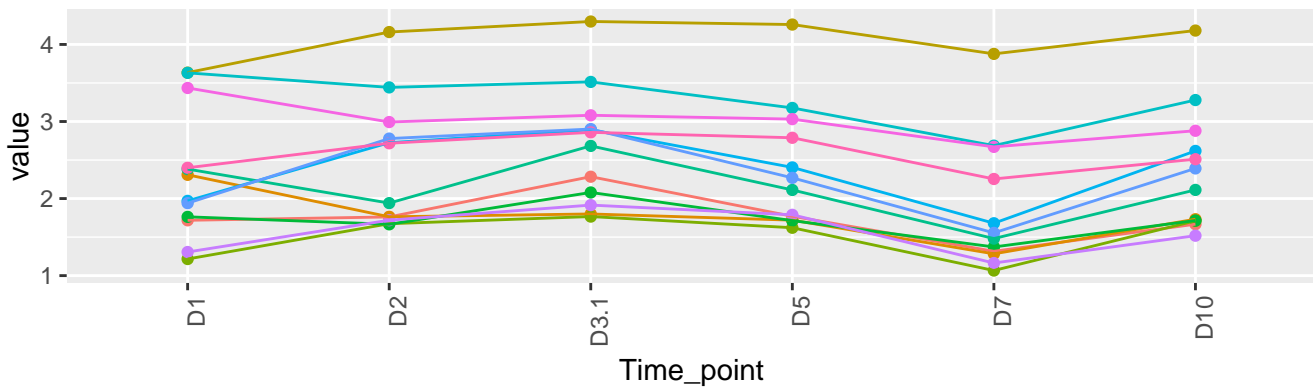
12 genes – KO-cluster-77-original



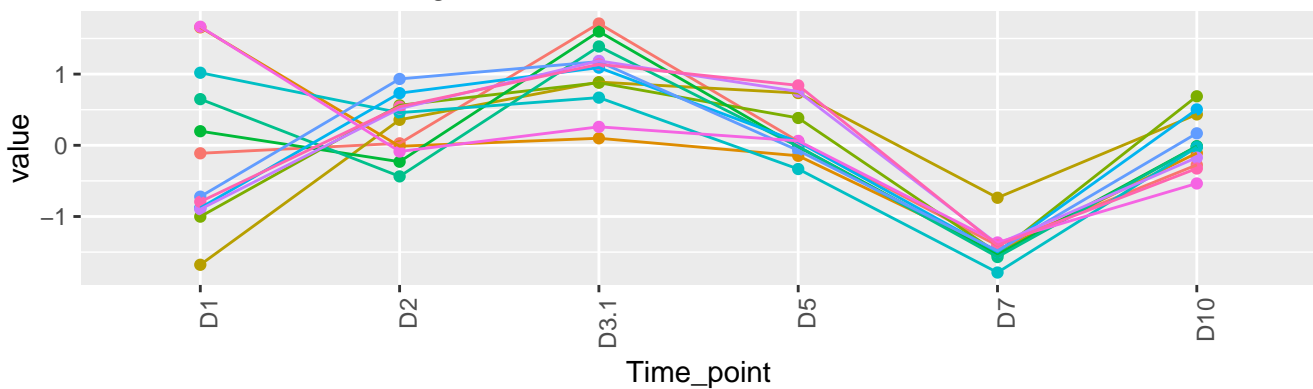
12 genes – KO-cluster-77-standardized



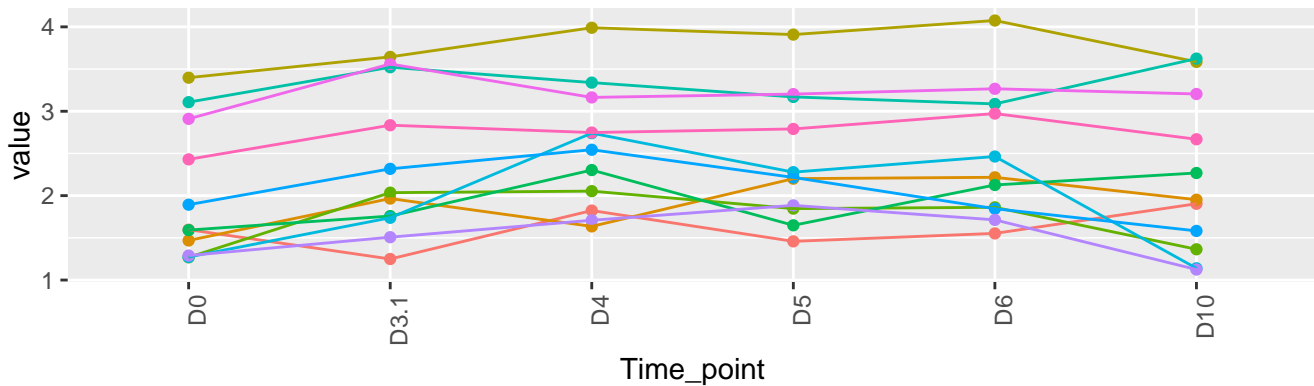
12 genes – WT-cluster-76-original



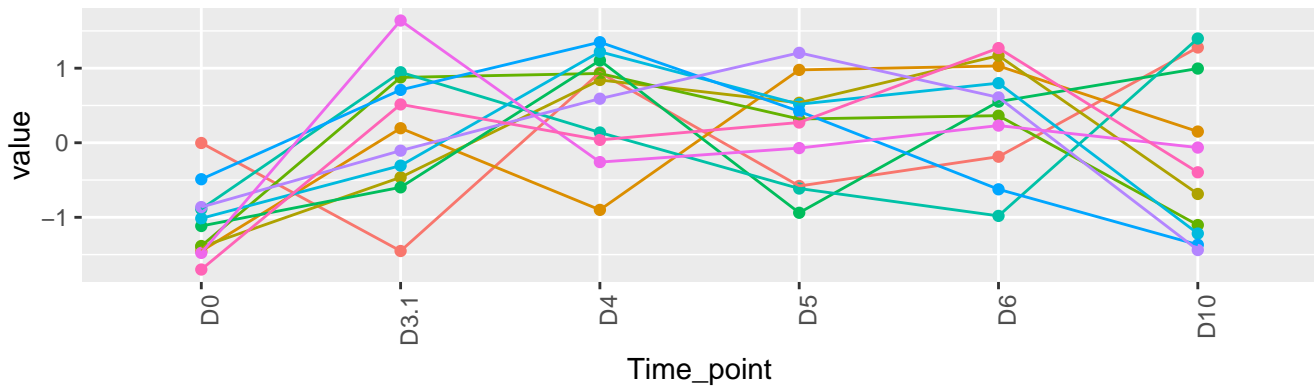
12 genes – WT-cluster-76-standardized



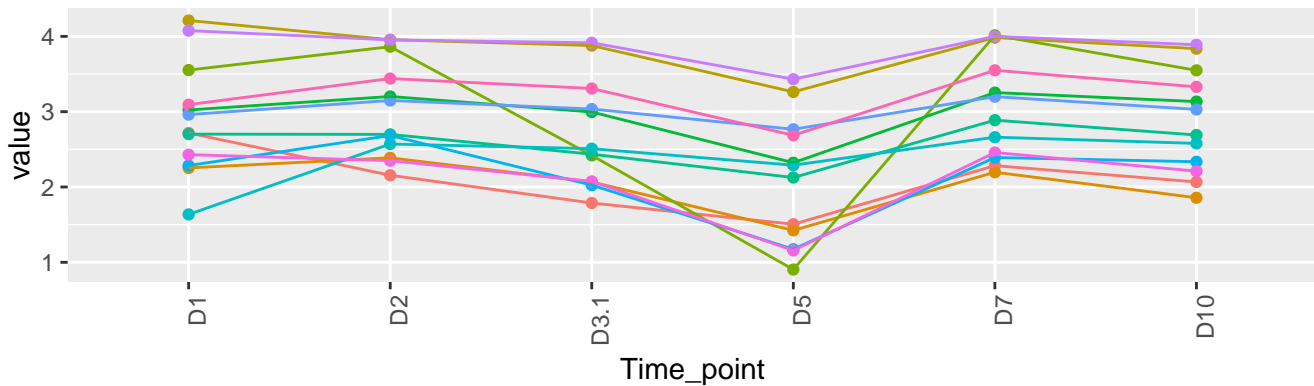
11 genes – KO-cluster-76-original



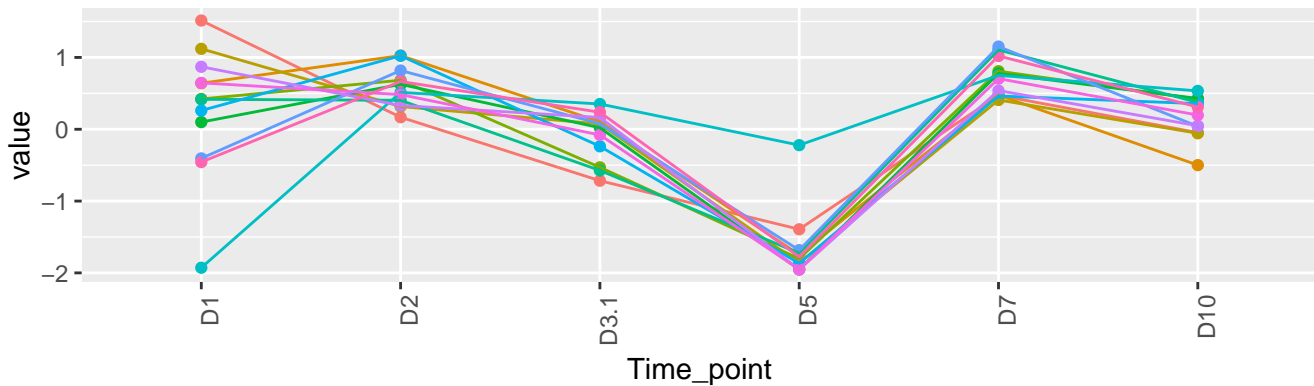
11 genes – KO-cluster-76-standardized



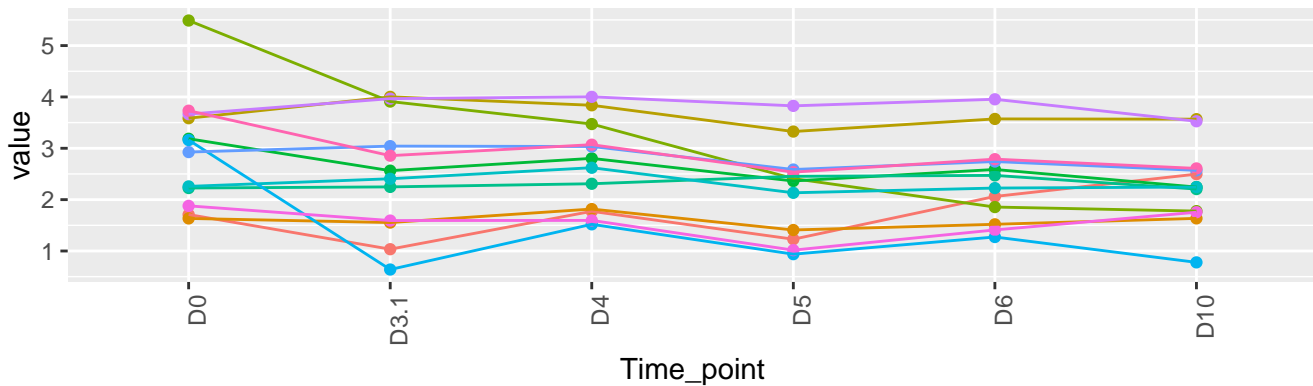
12 genes – WT-cluster-75-original



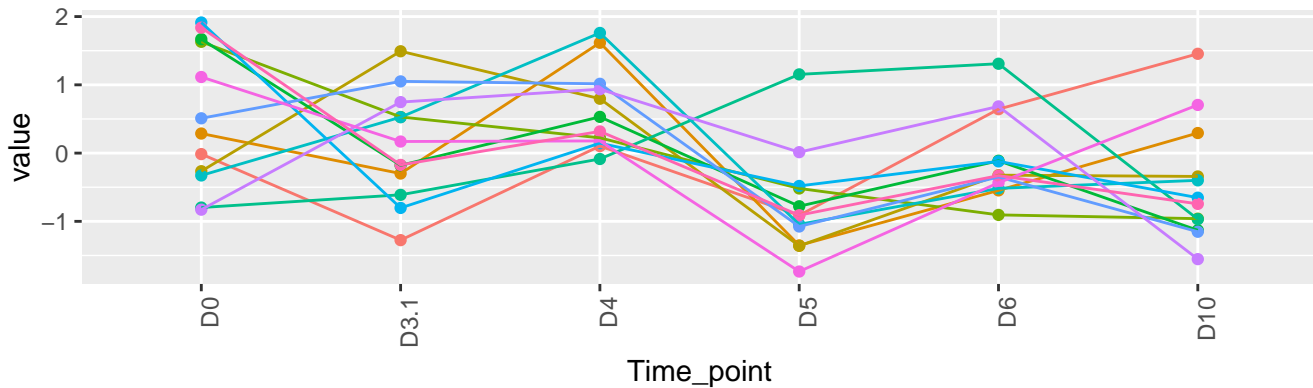
12 genes – WT-cluster-75-standardized



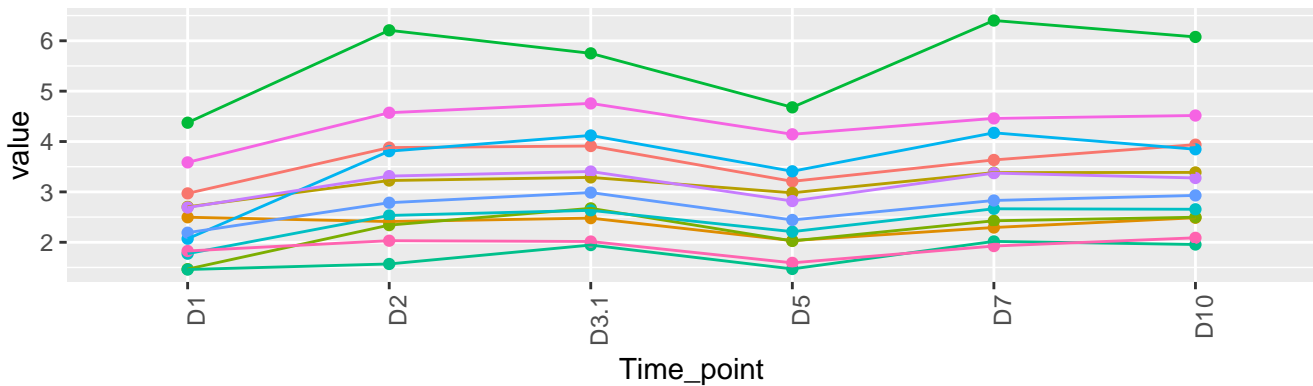
12 genes – KO-cluster-75-original



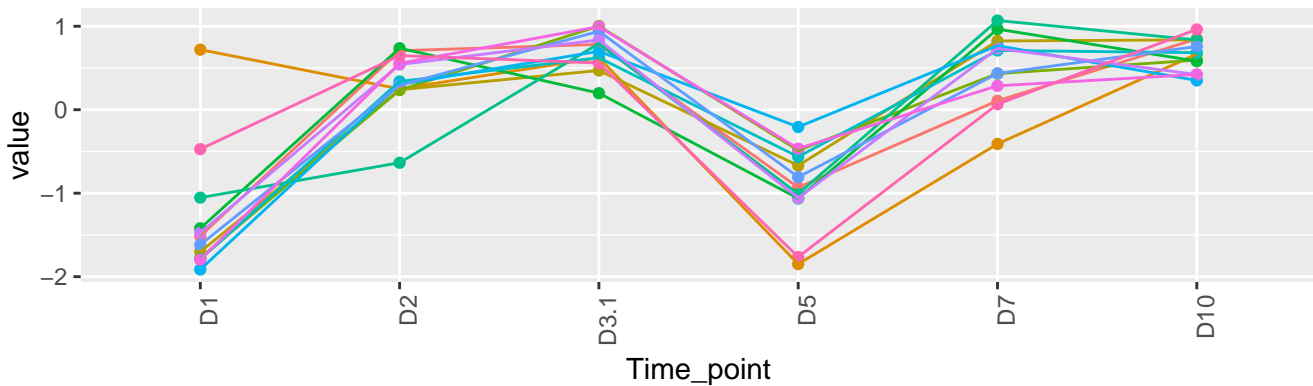
12 genes – KO-cluster-75-standardized



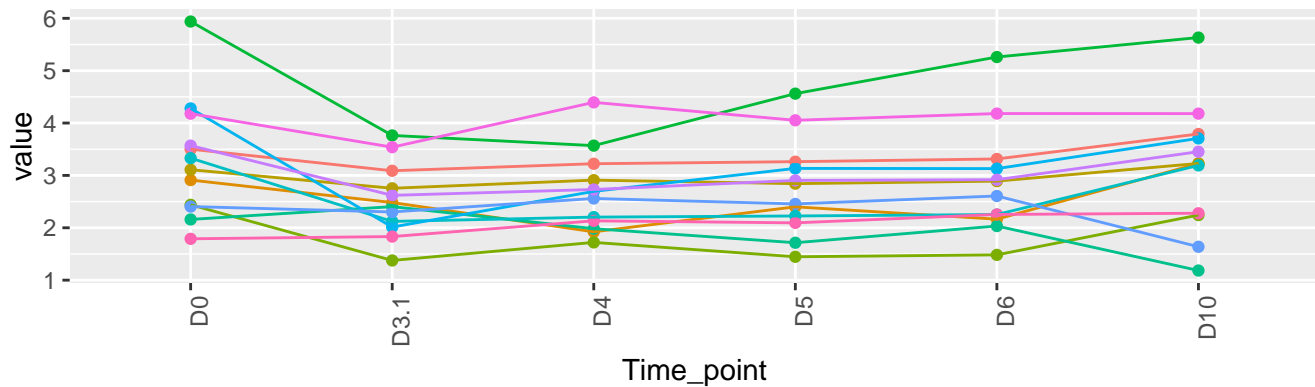
12 genes – WT-cluster-74-original



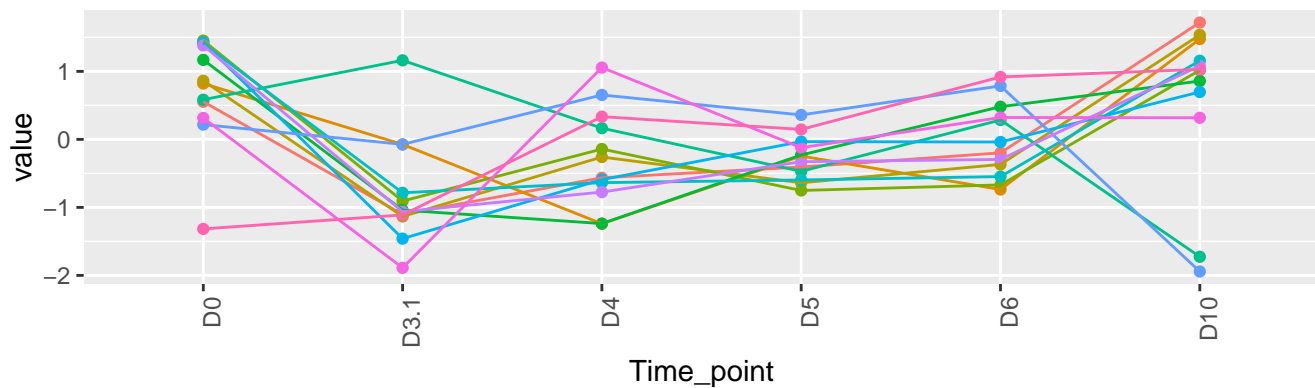
12 genes – WT-cluster-74-standardized



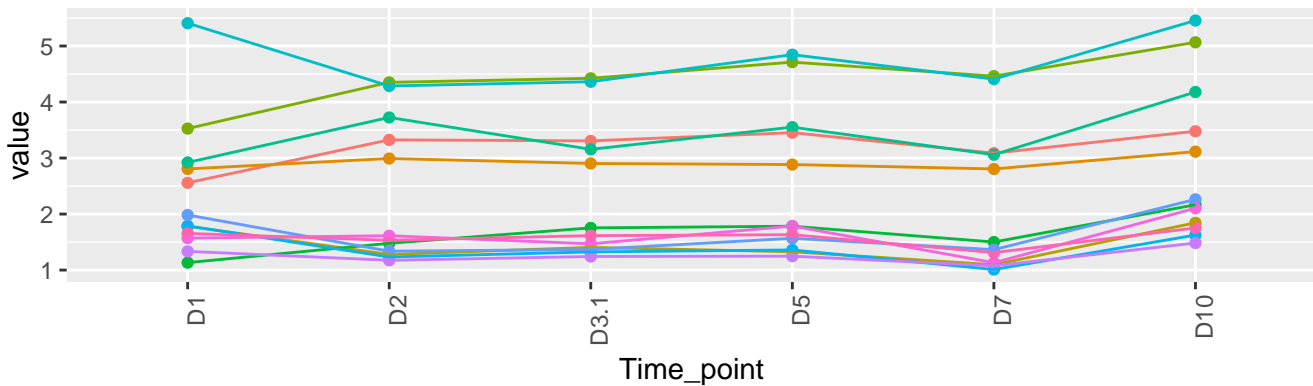
12 genes – KO-cluster-74–original



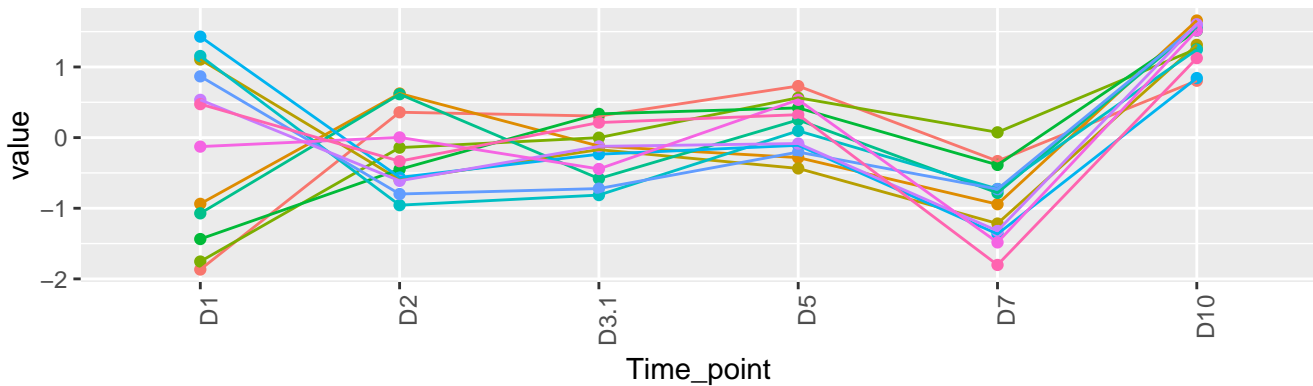
12 genes – KO-cluster-74–standardized



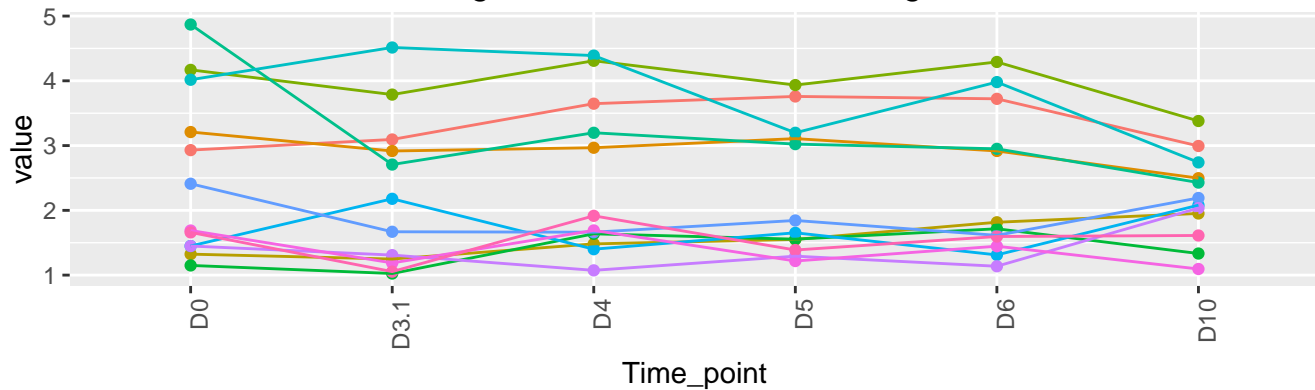
12 genes – WT-cluster-73-original



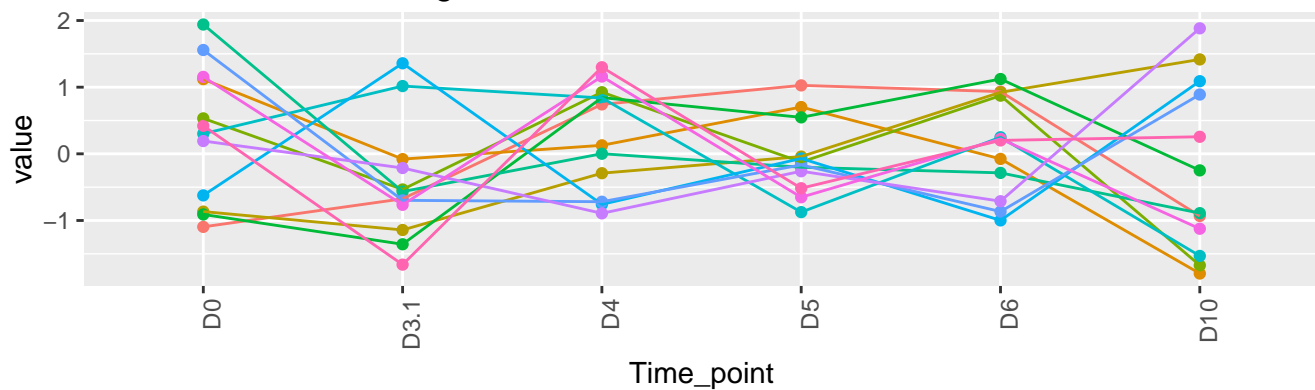
12 genes – WT-cluster-73-standardized



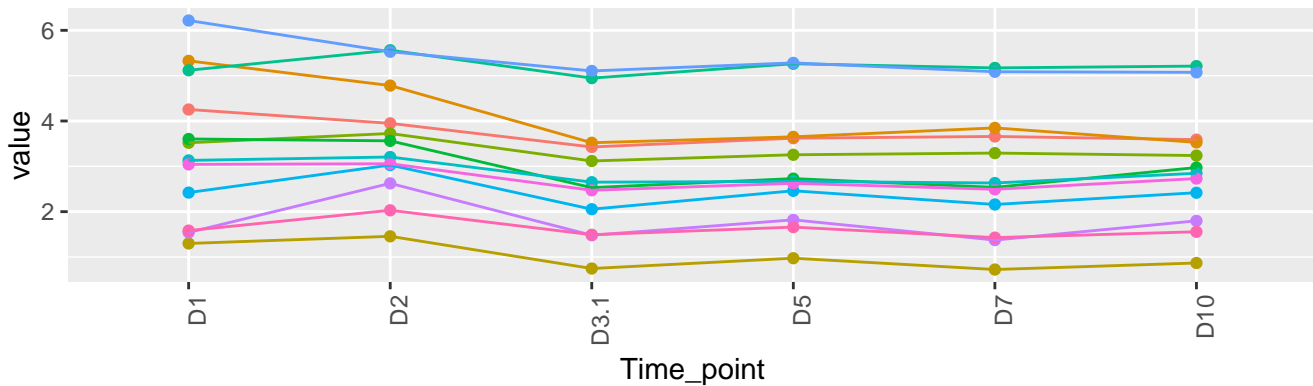
12 genes – KO-cluster-73-original



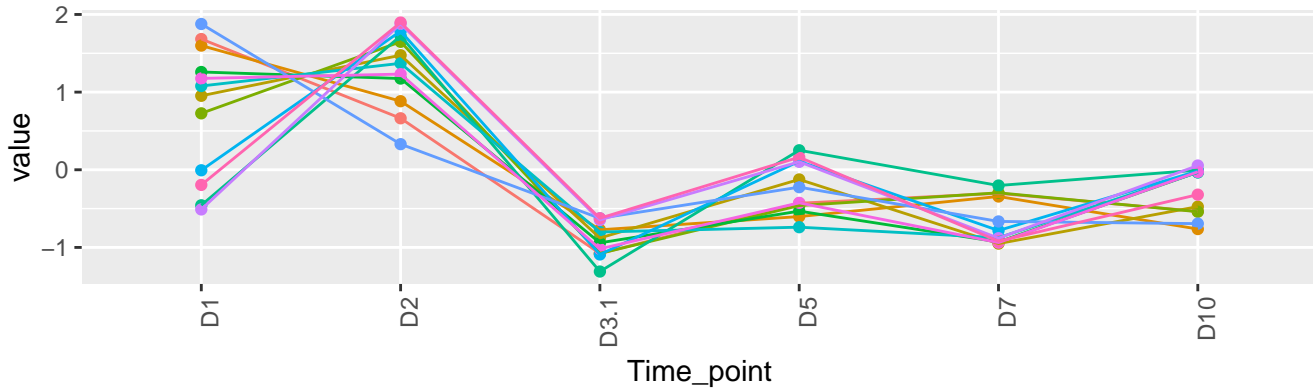
12 genes – KO-cluster-73-standardized



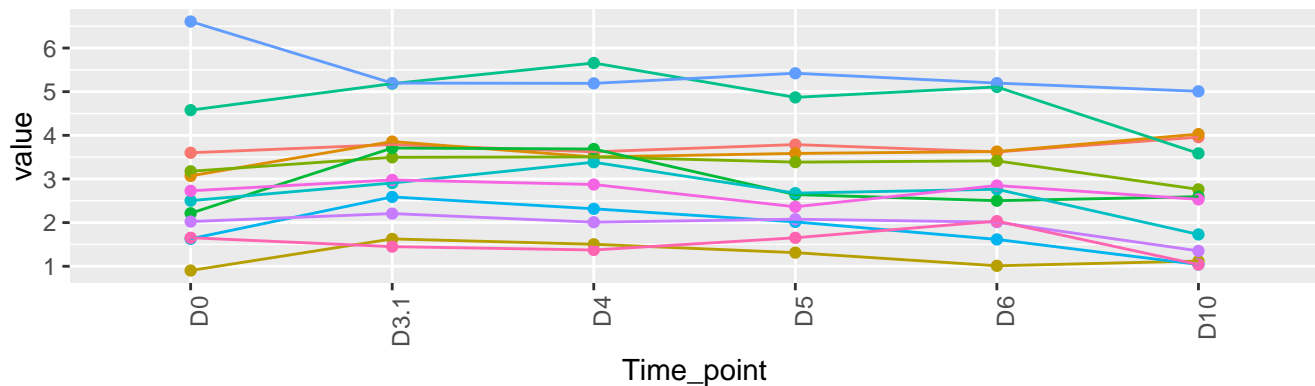
12 genes – WT-cluster-72-original



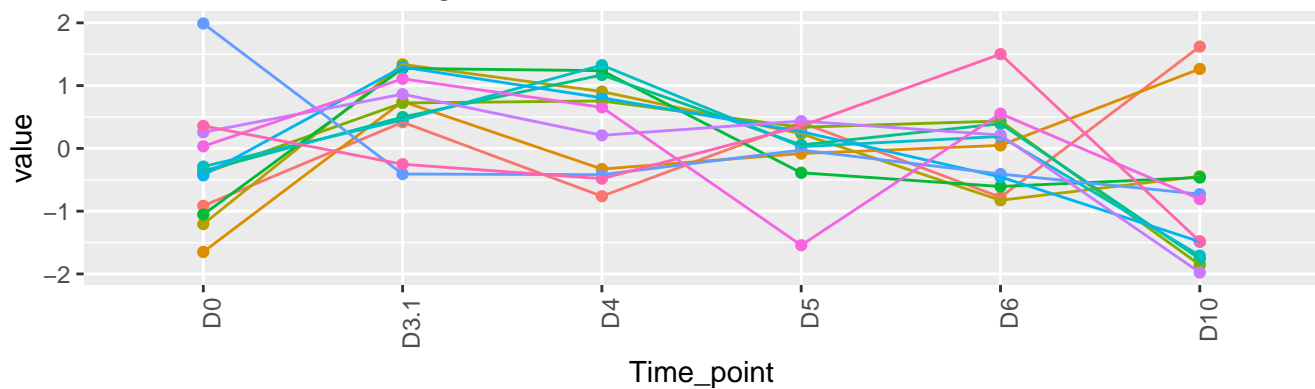
12 genes – WT-cluster-72-standardized



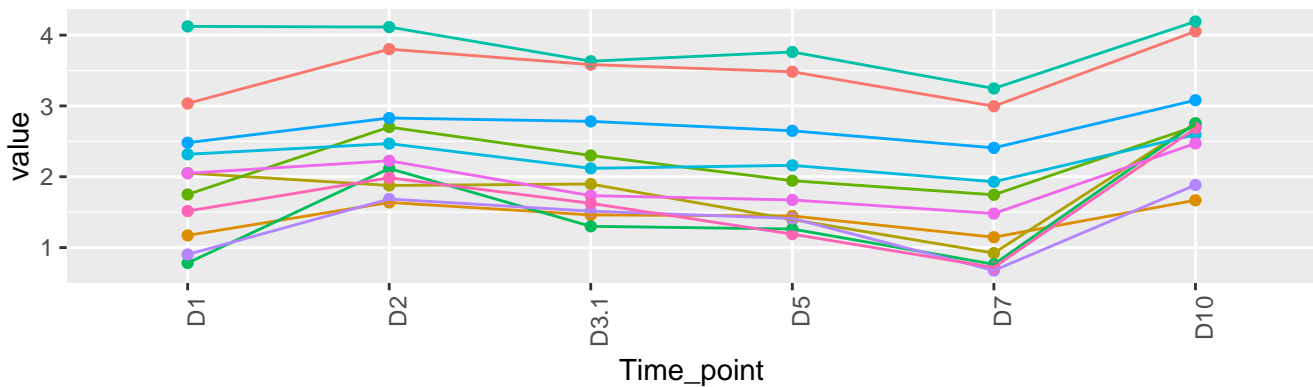
12 genes – KO-cluster-72-original



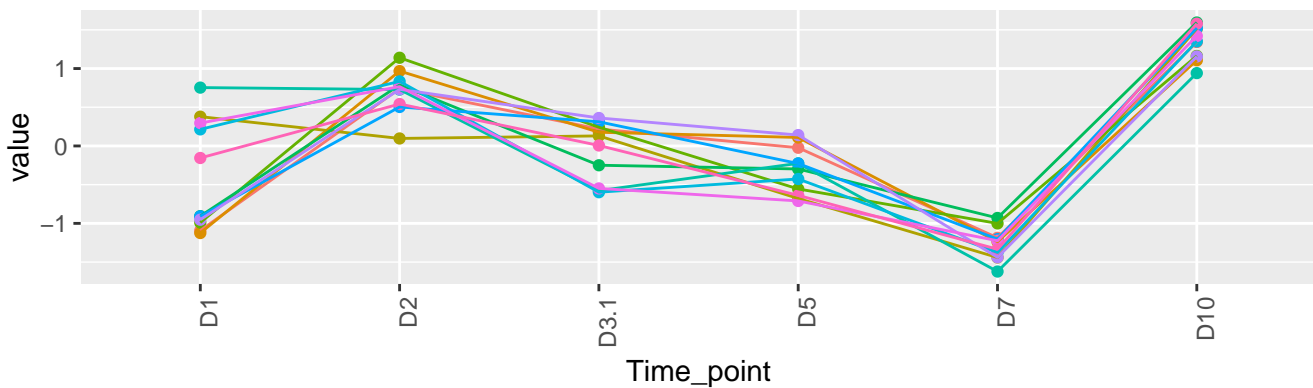
12 genes – KO-cluster-72-standardized



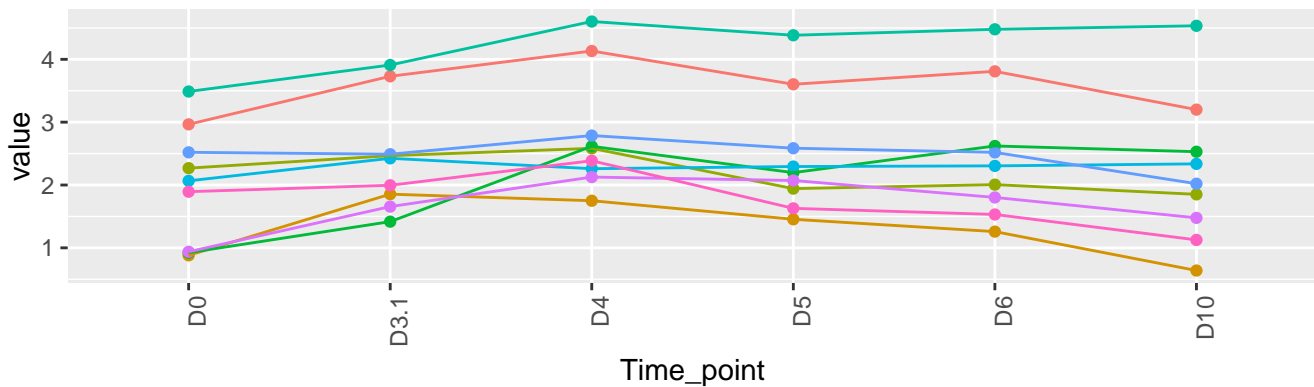
11 genes – WT-cluster-71-original



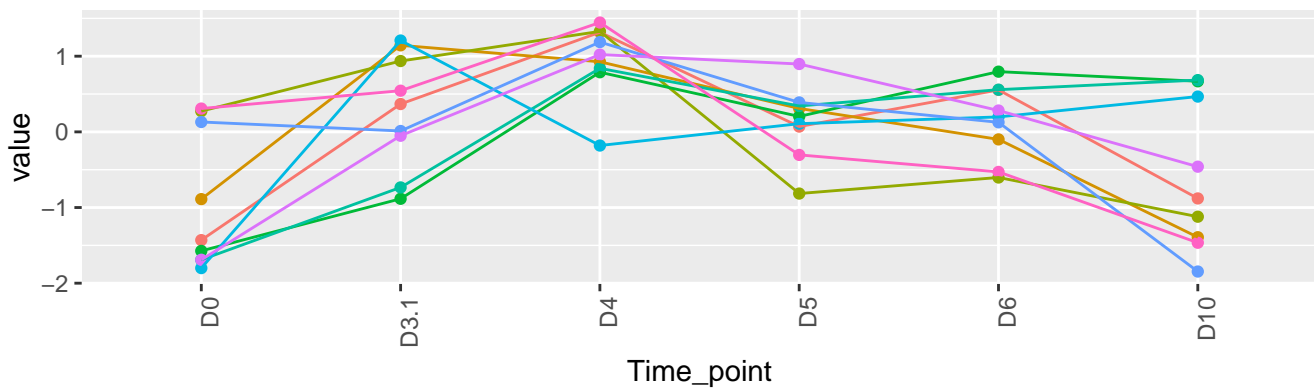
11 genes – WT-cluster-71-standardized



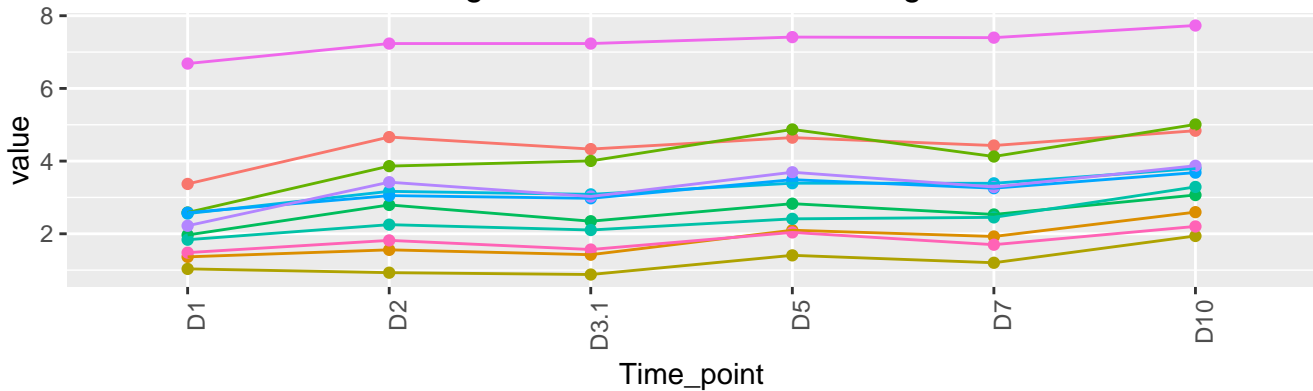
9 genes – KO-cluster-71-original



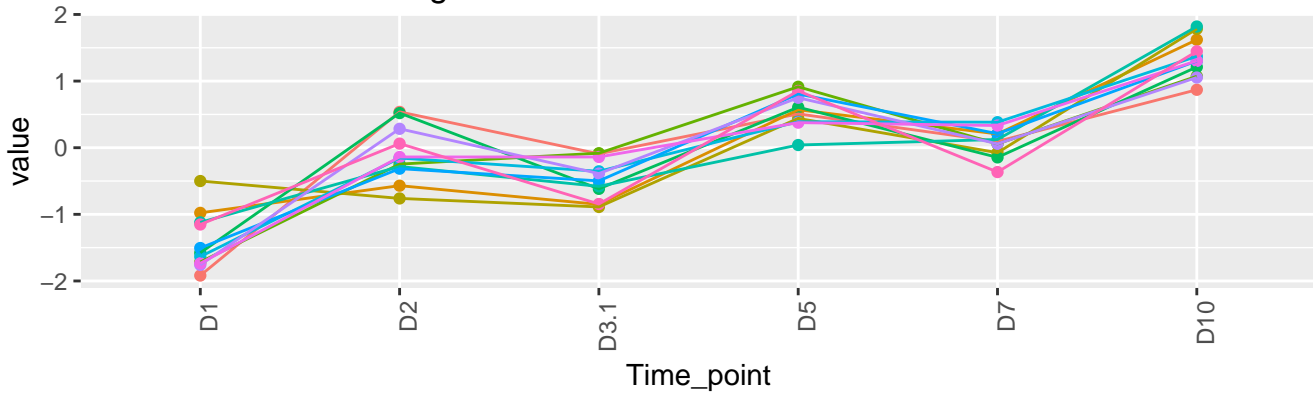
9 genes – KO-cluster-71-standardized



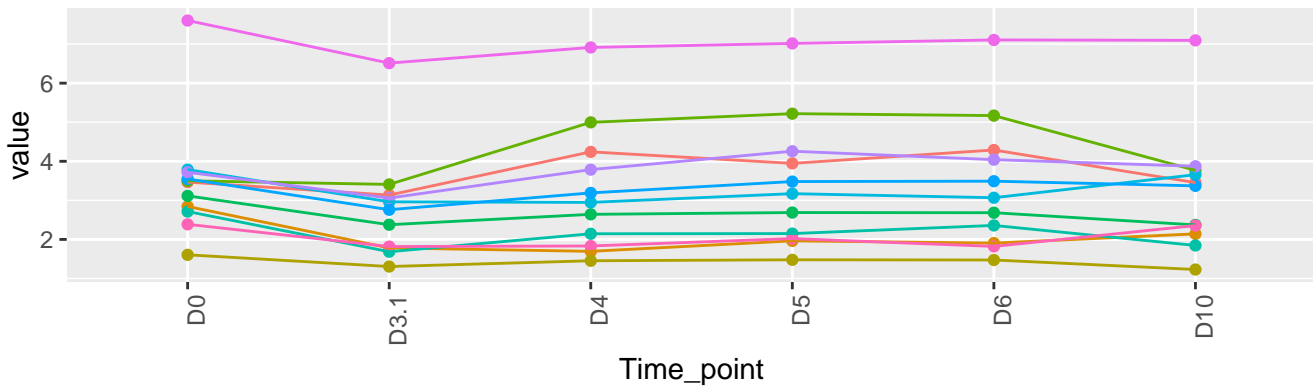
11 genes – WT-cluster-70-original



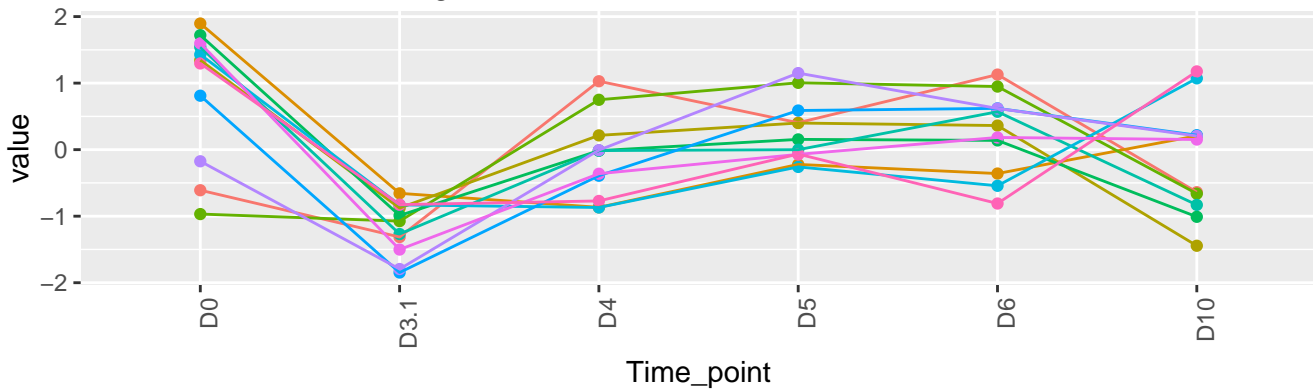
11 genes – WT-cluster-70-standardized



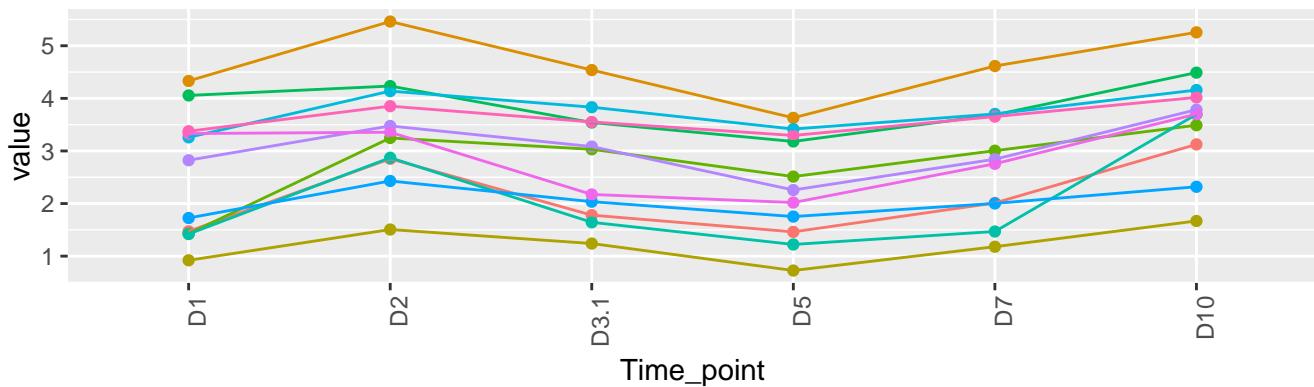
11 genes – KO-cluster-70-original



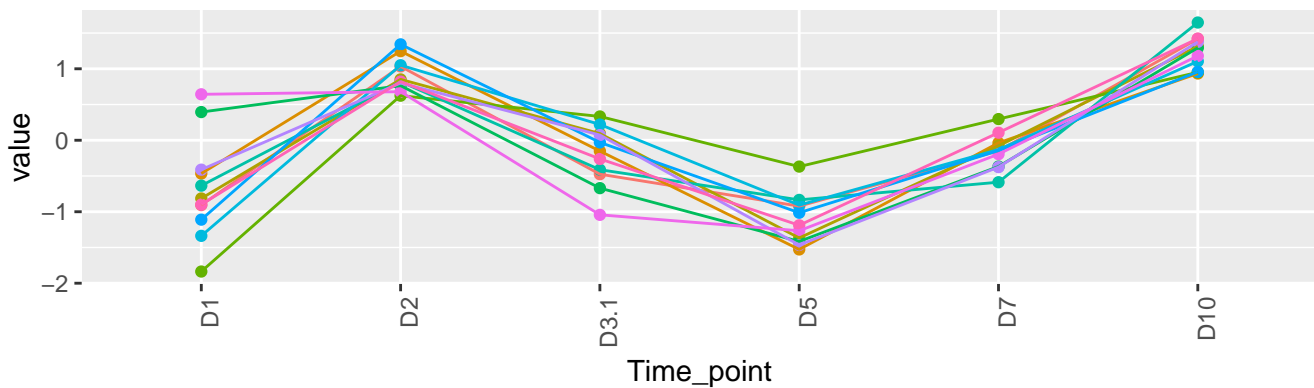
11 genes – KO-cluster-70-standardized



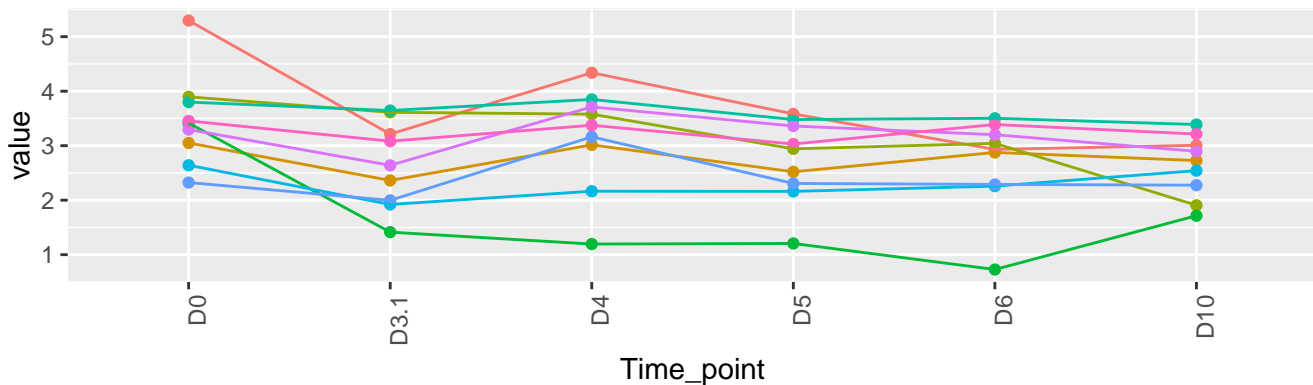
11 genes – WT-cluster-69-original



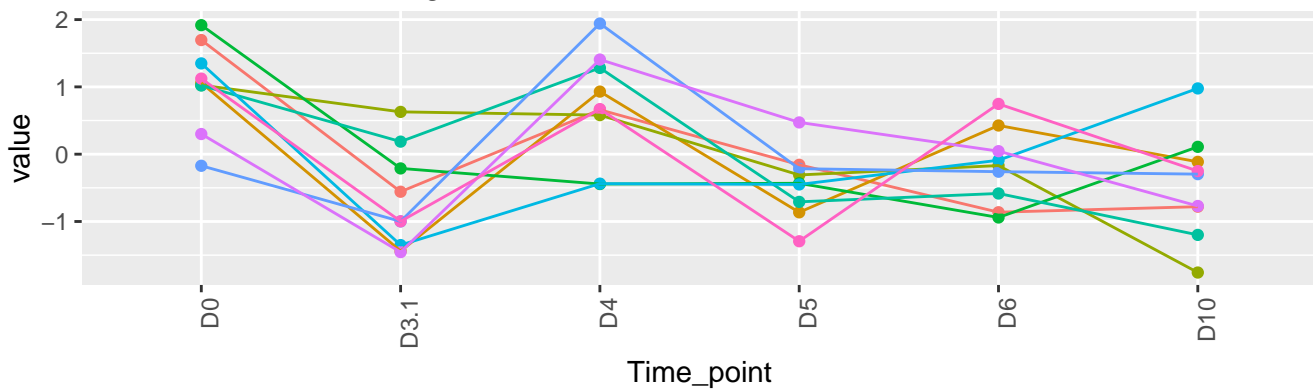
11 genes – WT-cluster-69-standardized



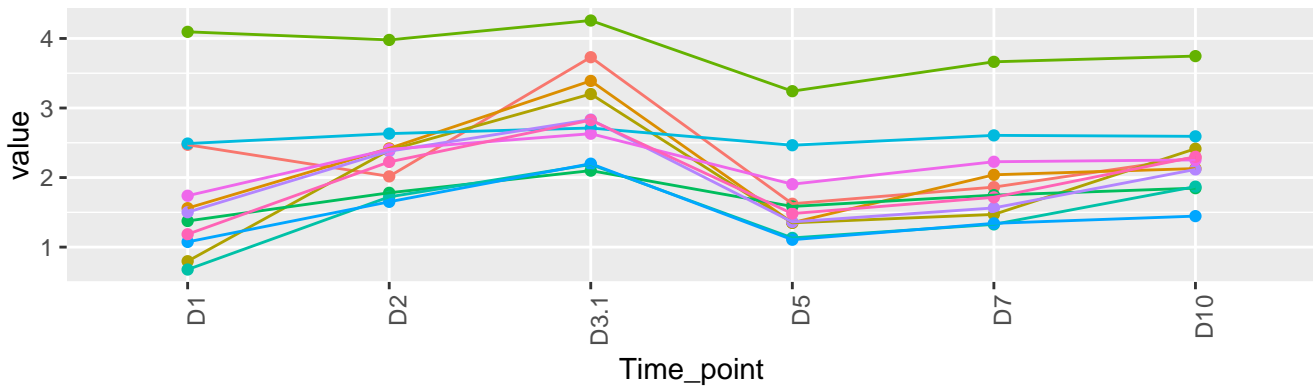
9 genes – KO-cluster-69-original



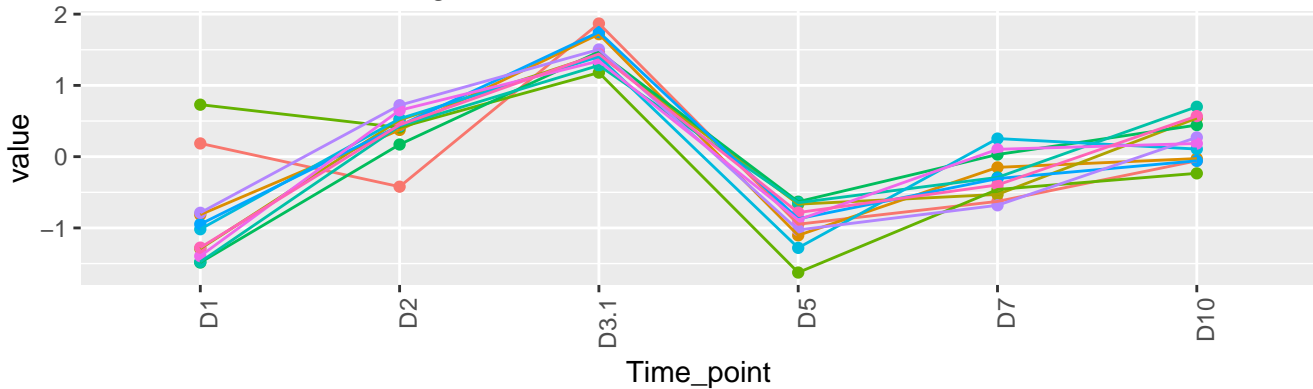
9 genes – KO-cluster-69-standardized



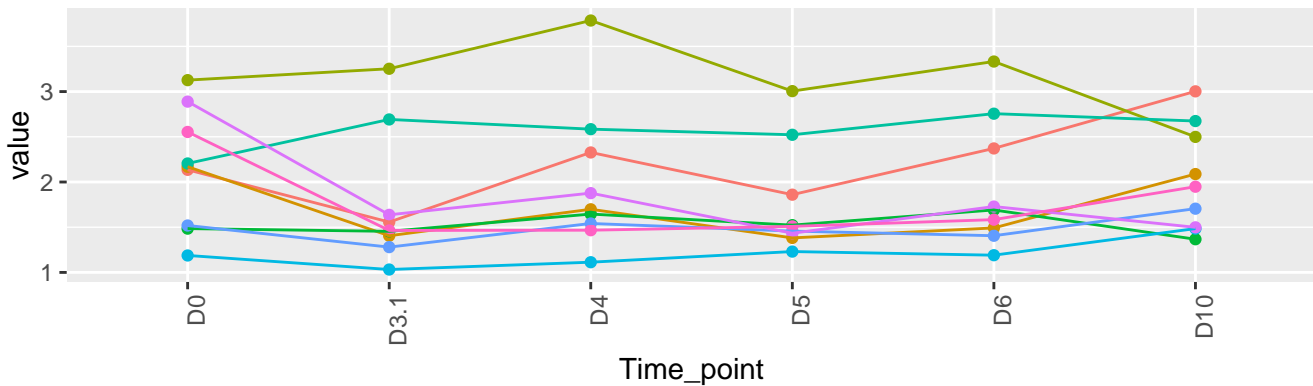
11 genes – WT-cluster-68-original



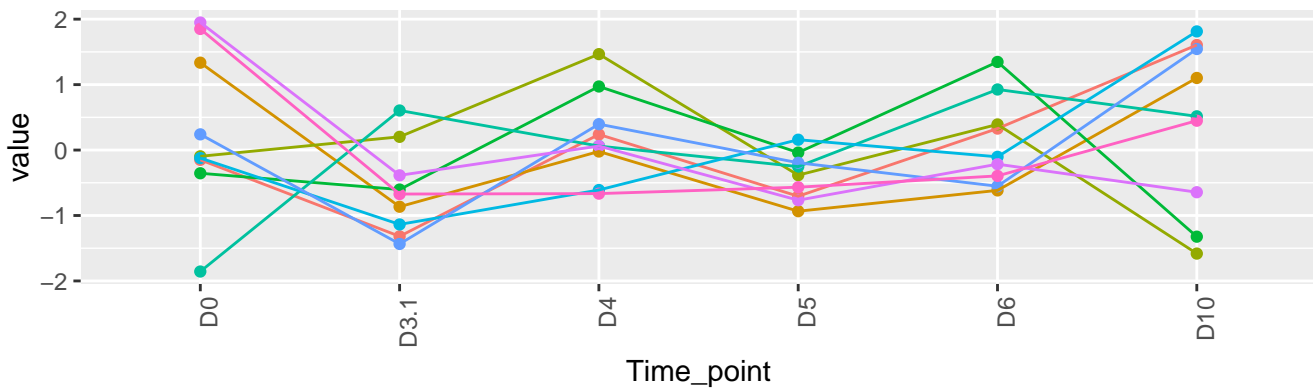
11 genes – WT-cluster-68-standardized



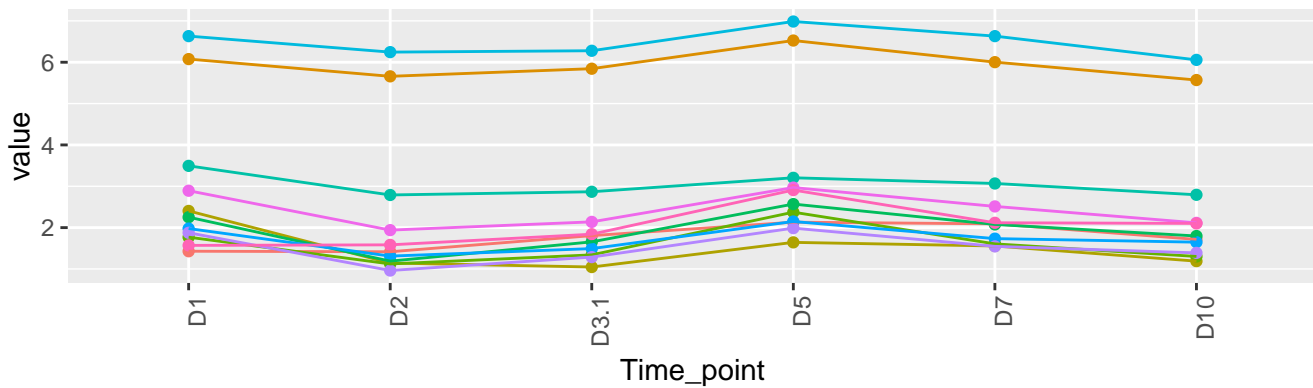
9 genes – KO-cluster-68-original



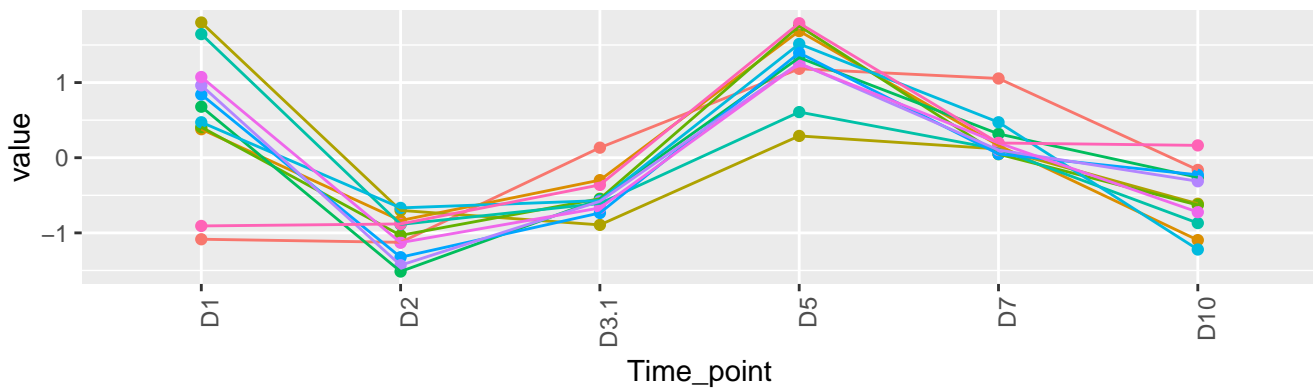
9 genes – KO-cluster-68-standardized



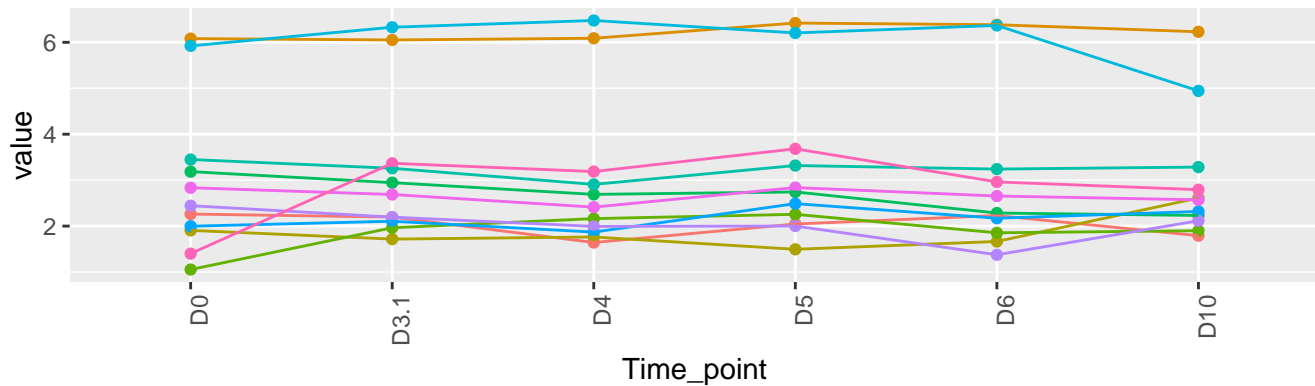
11 genes – WT-cluster-67-original



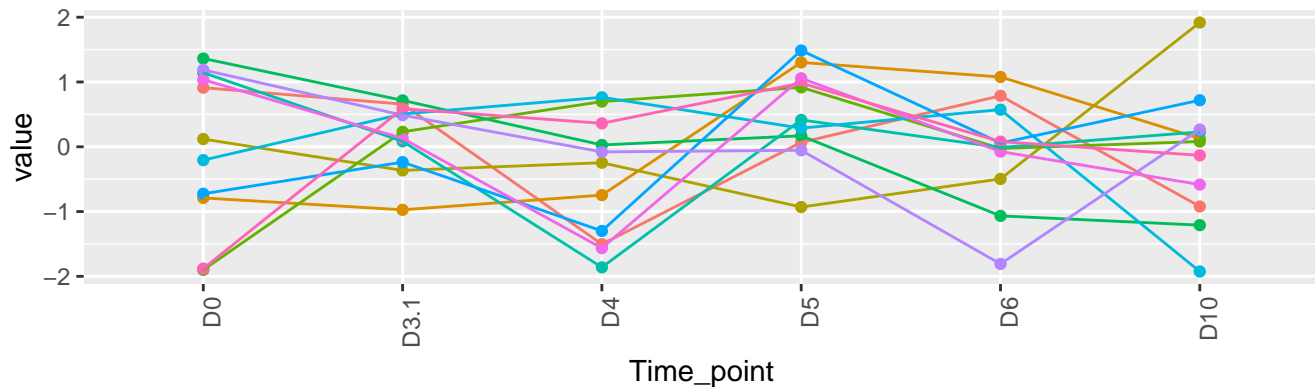
11 genes – WT-cluster-67-standardized



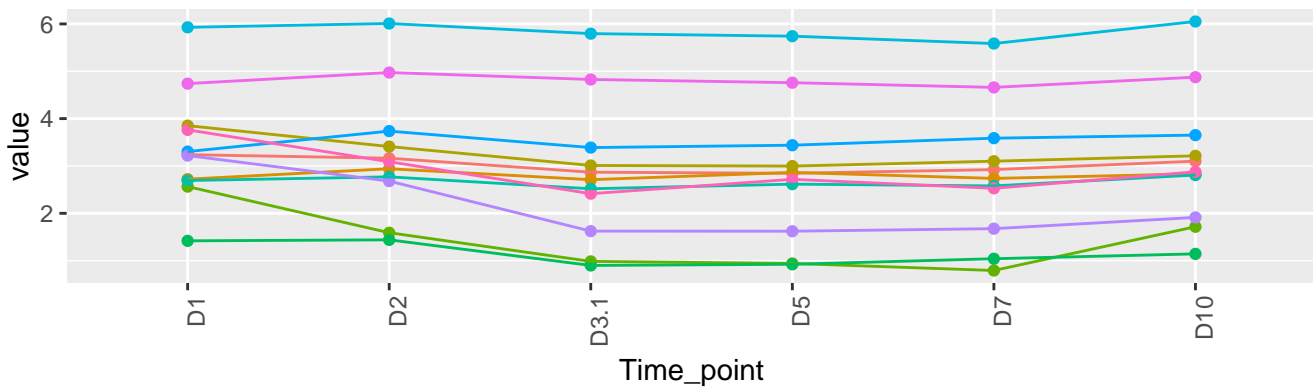
11 genes – KO-cluster-67-original



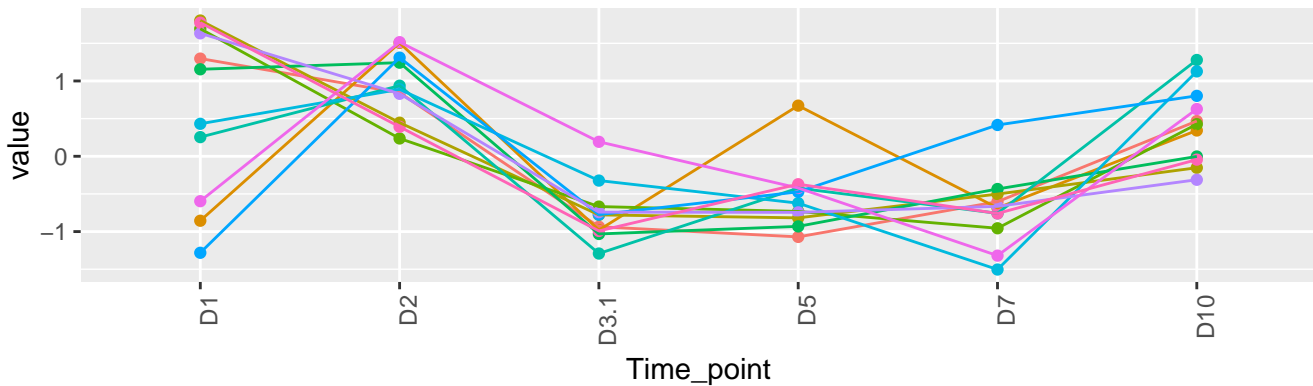
11 genes – KO-cluster-67-standardized



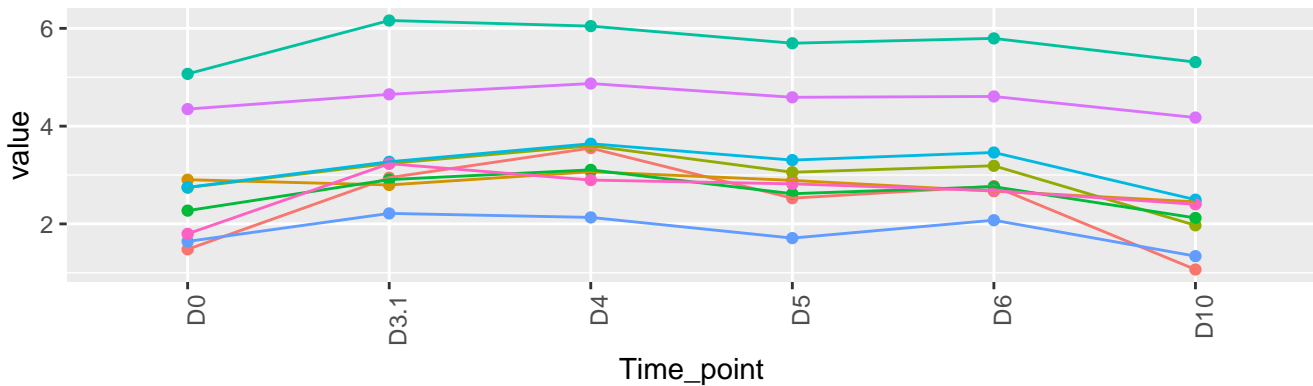
11 genes – WT-cluster-66-original



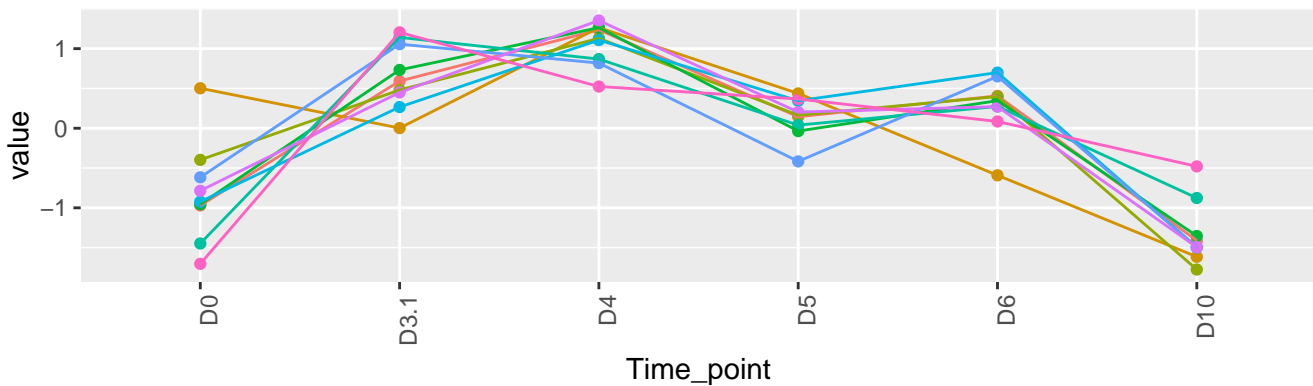
11 genes – WT-cluster-66-standardized



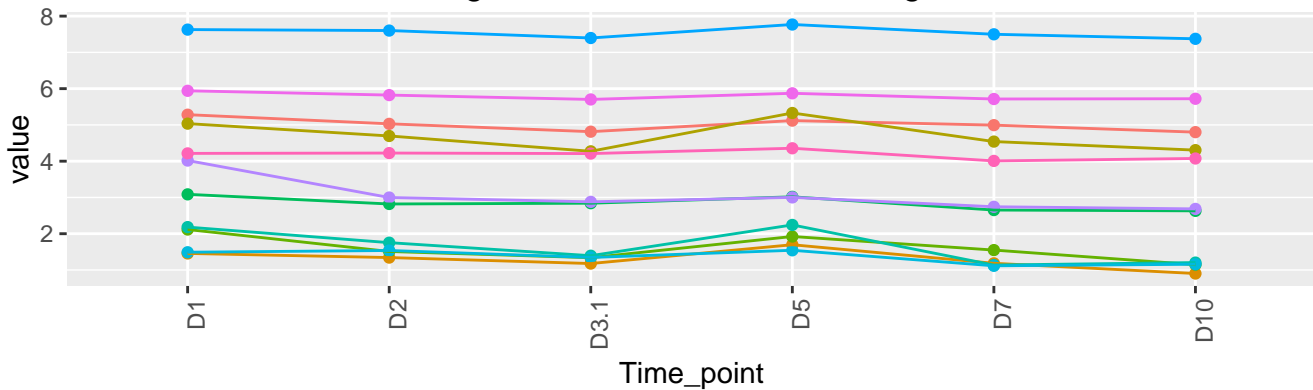
9 genes – KO-cluster-66-original



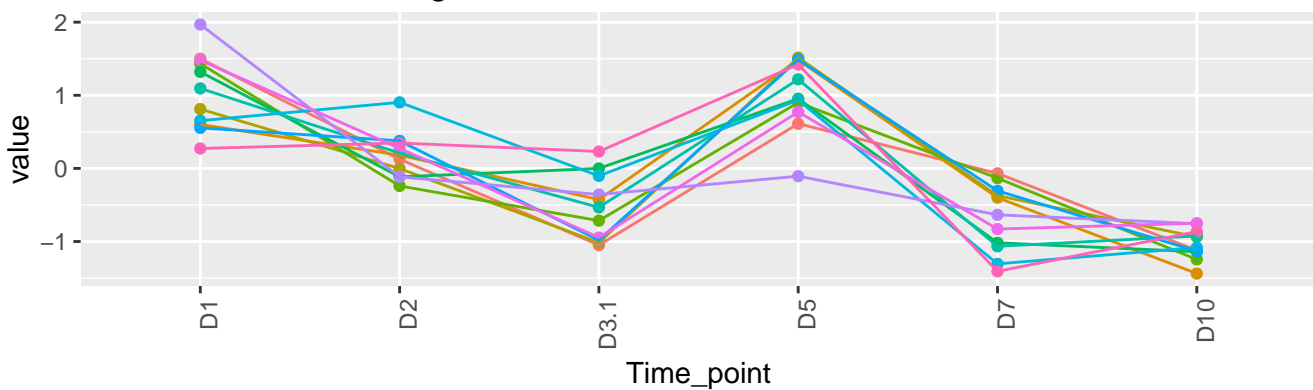
9 genes – KO-cluster-66-standardized



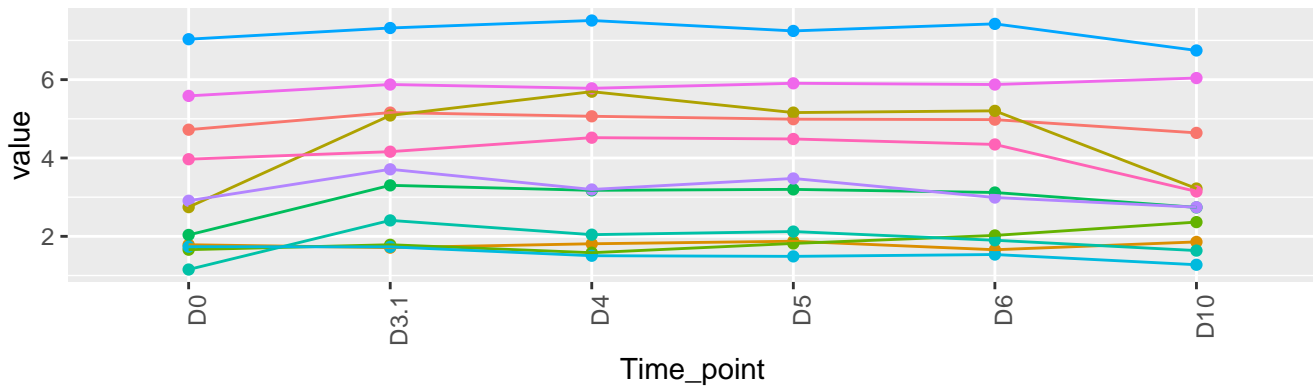
11 genes – WT-cluster-65-original



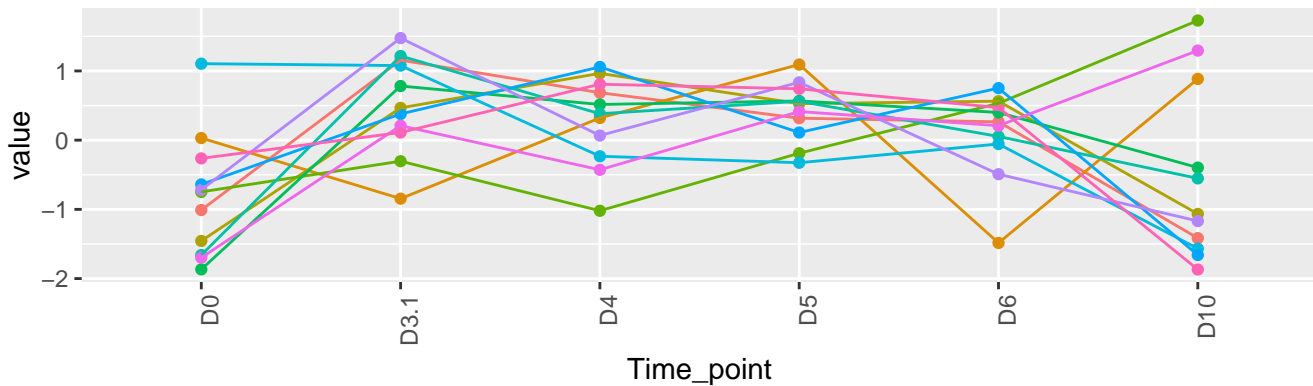
11 genes – WT-cluster-65-standardized



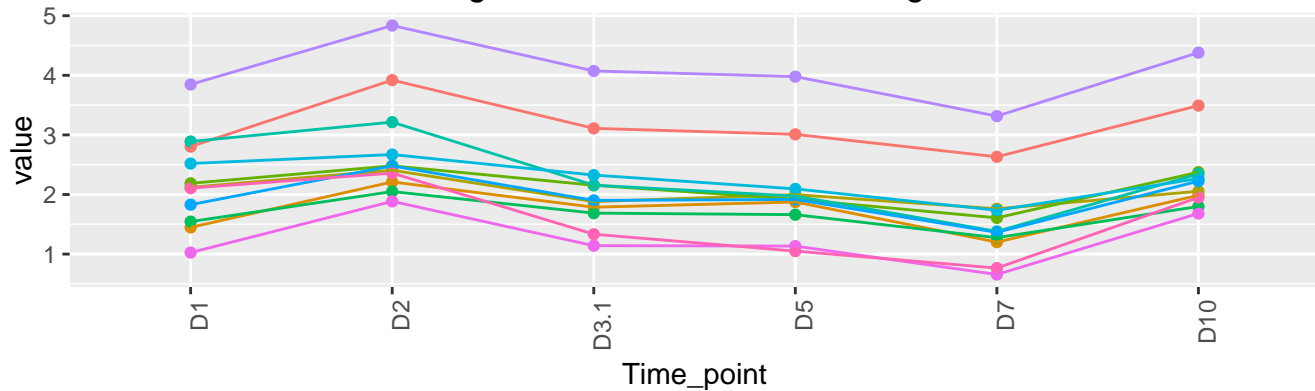
11 genes – KO-cluster-65-original



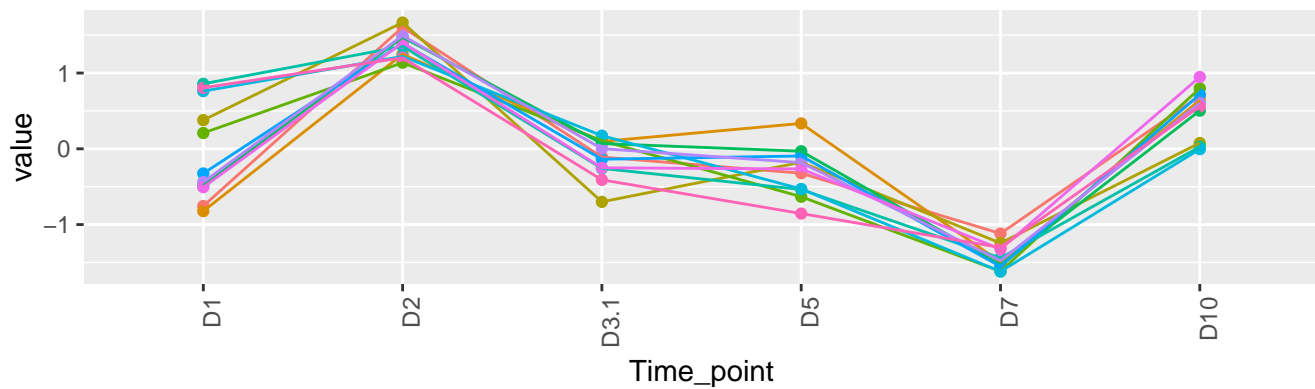
11 genes – KO-cluster-65-standardized



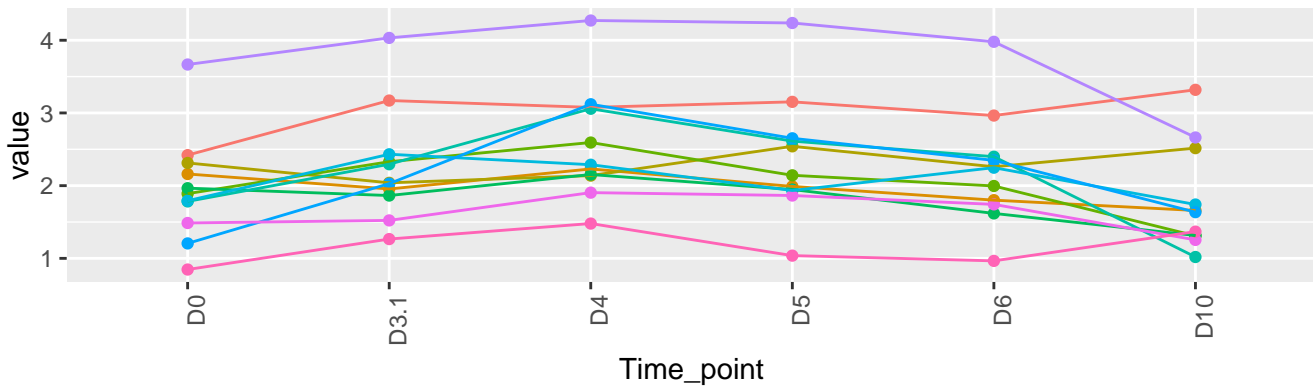
11 genes – WT-cluster-64-original



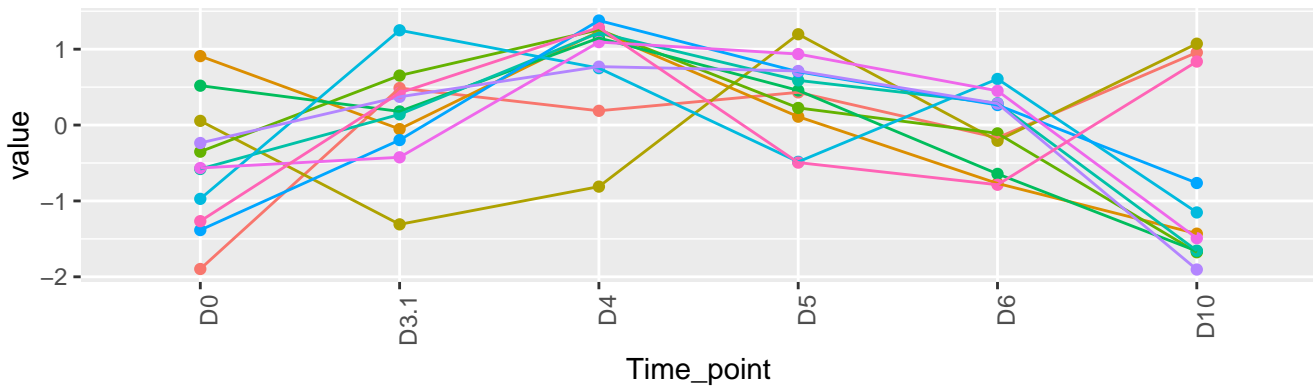
11 genes – WT-cluster-64-standardized



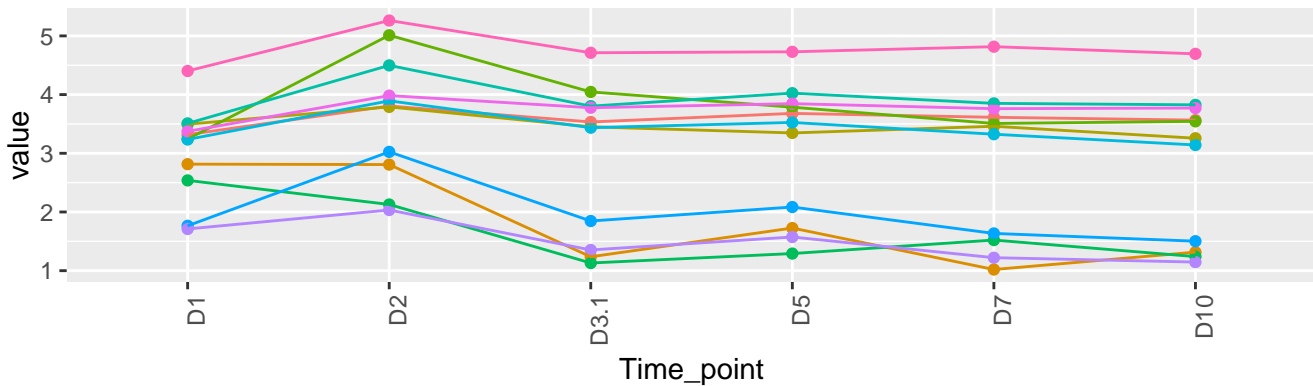
11 genes – KO-cluster-64-original



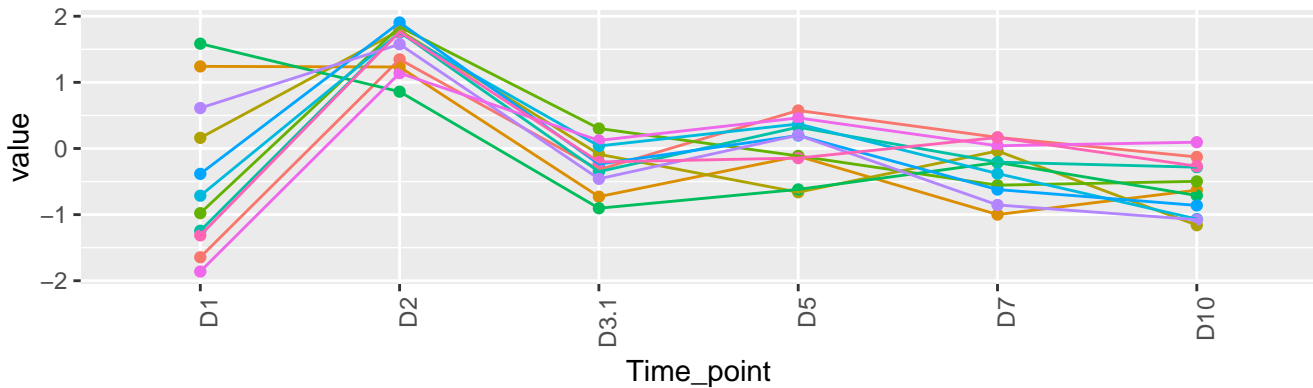
11 genes – KO-cluster-64-standardized



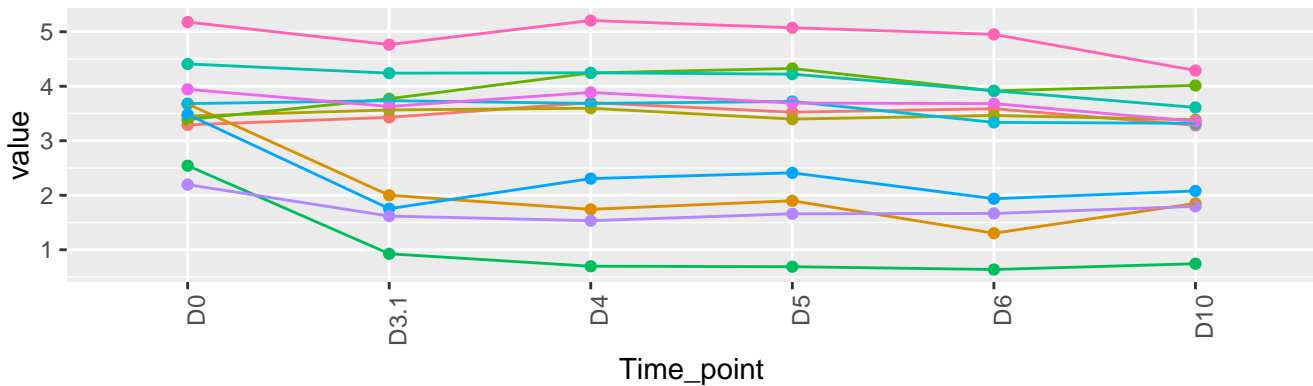
11 genes – WT-cluster-63-original



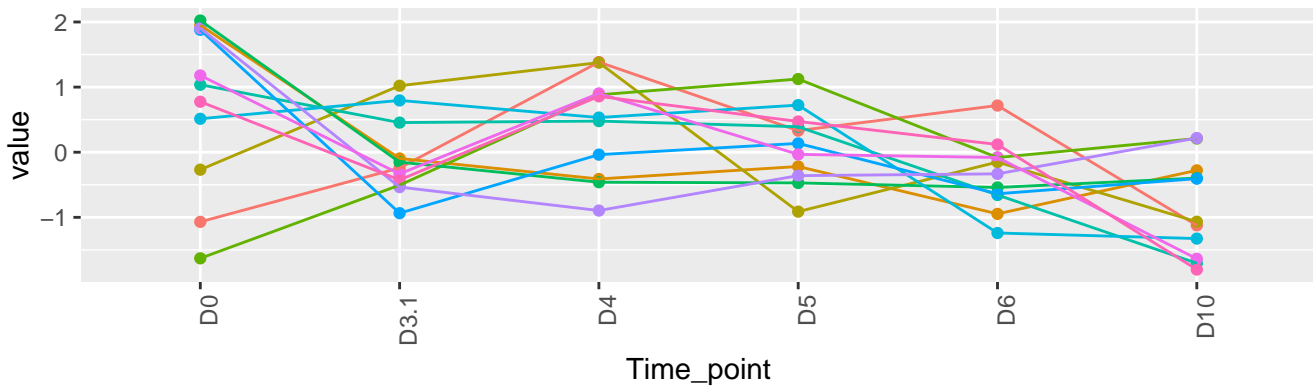
11 genes – WT-cluster-63-standardized



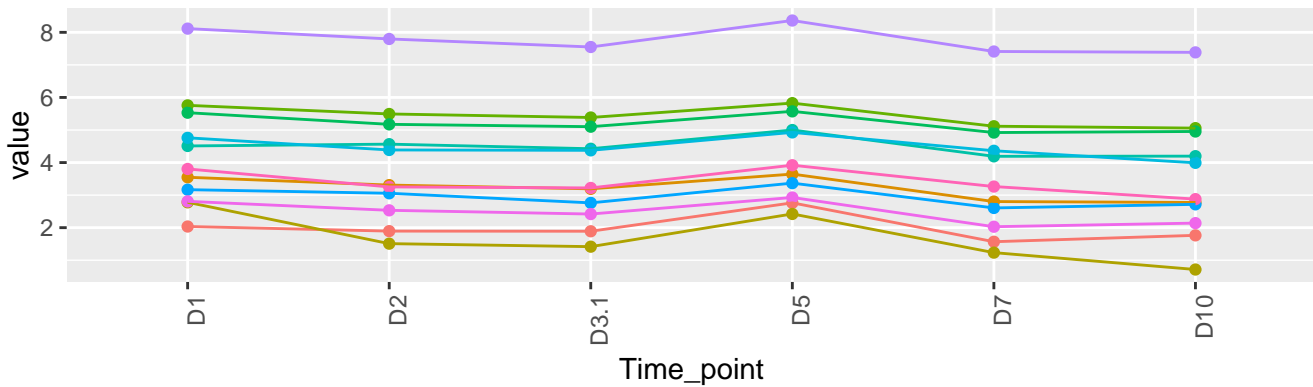
11 genes – KO-cluster-63-original



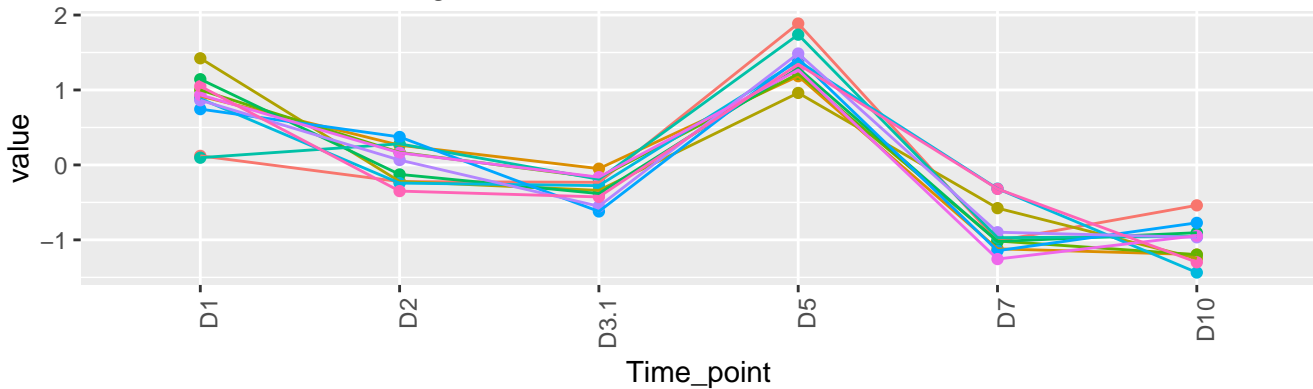
11 genes – KO-cluster-63-standardized



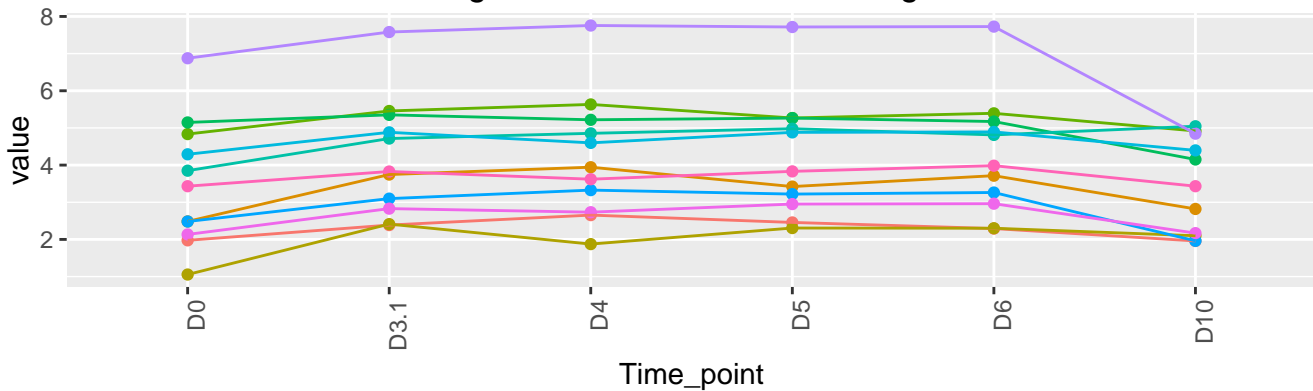
11 genes – WT-cluster-62-original



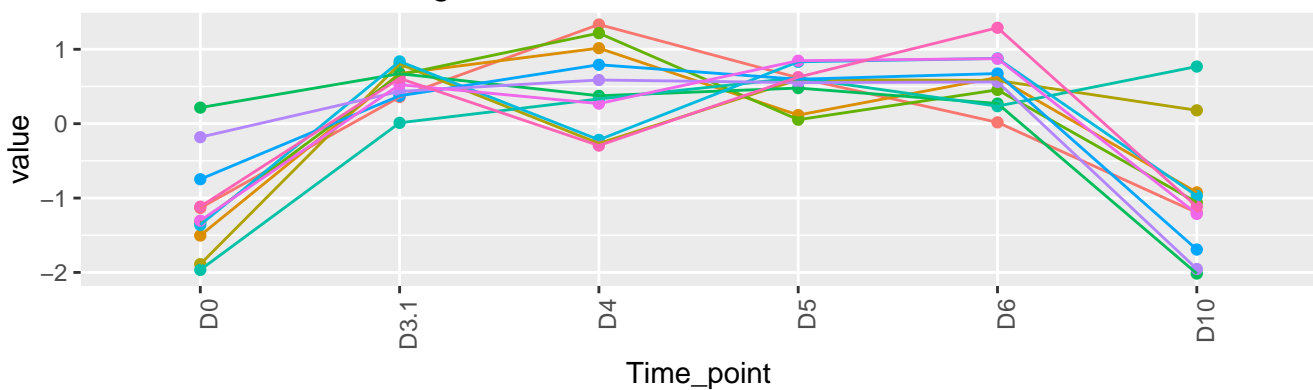
11 genes – WT-cluster-62-standardized



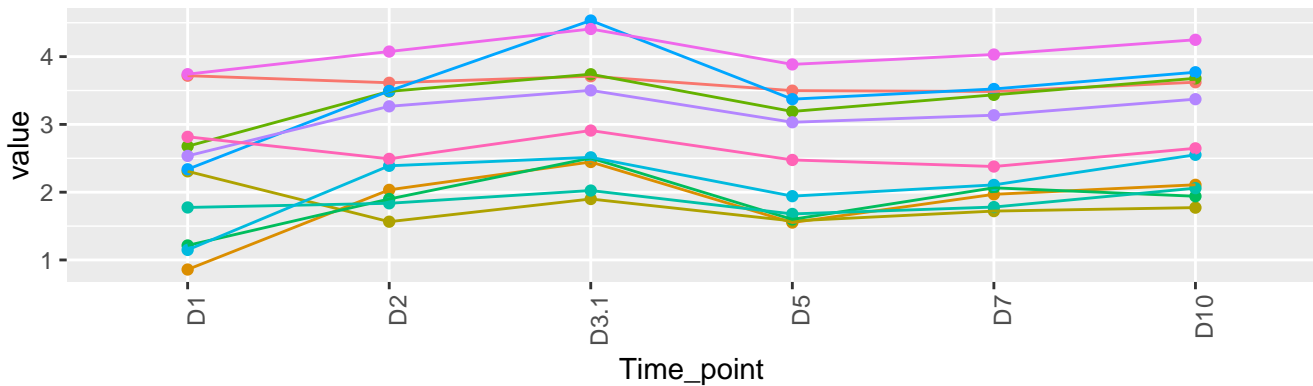
11 genes – KO-cluster-62-original



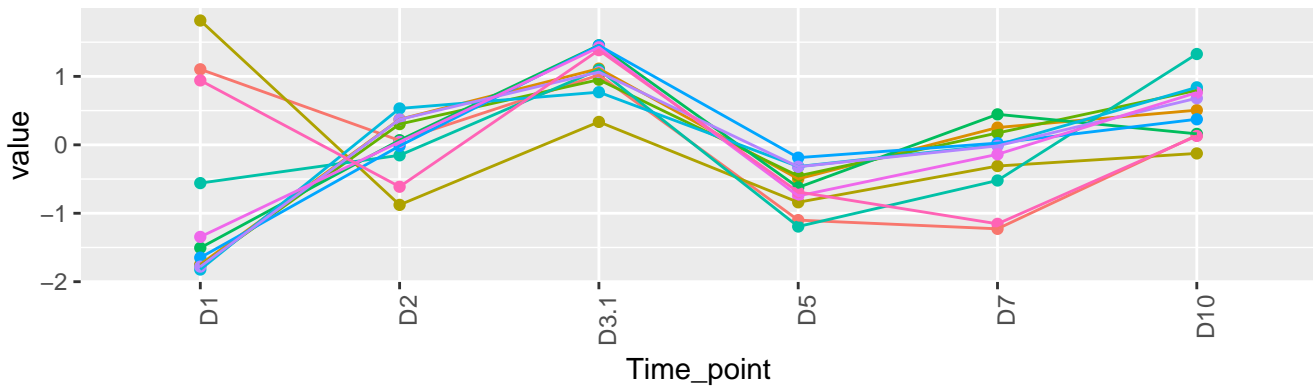
11 genes – KO-cluster-62-standardized



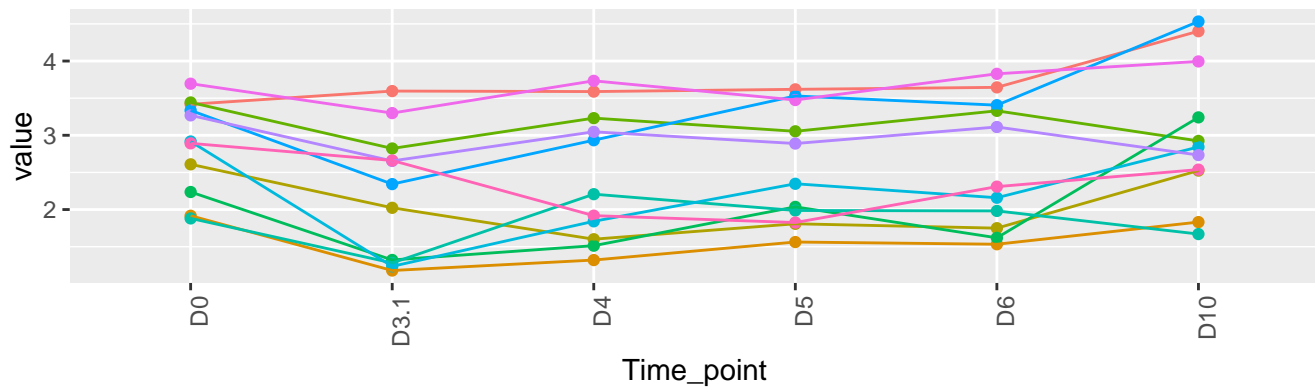
11 genes – WT-cluster-61-original



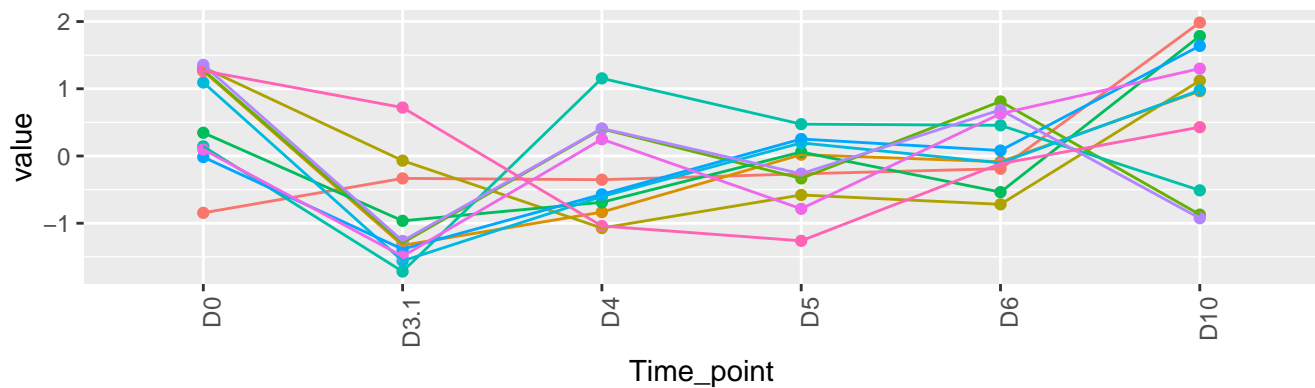
11 genes – WT-cluster-61-standardized



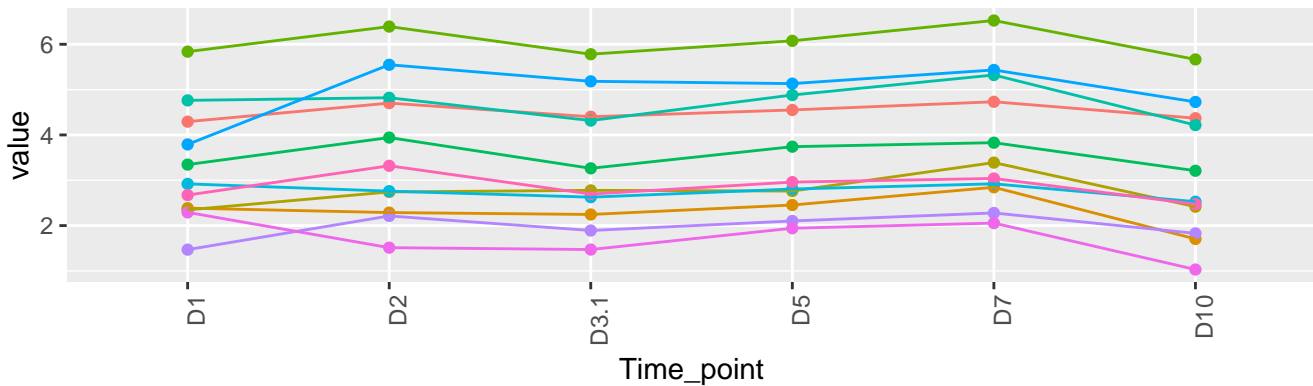
11 genes – KO-cluster-61-original



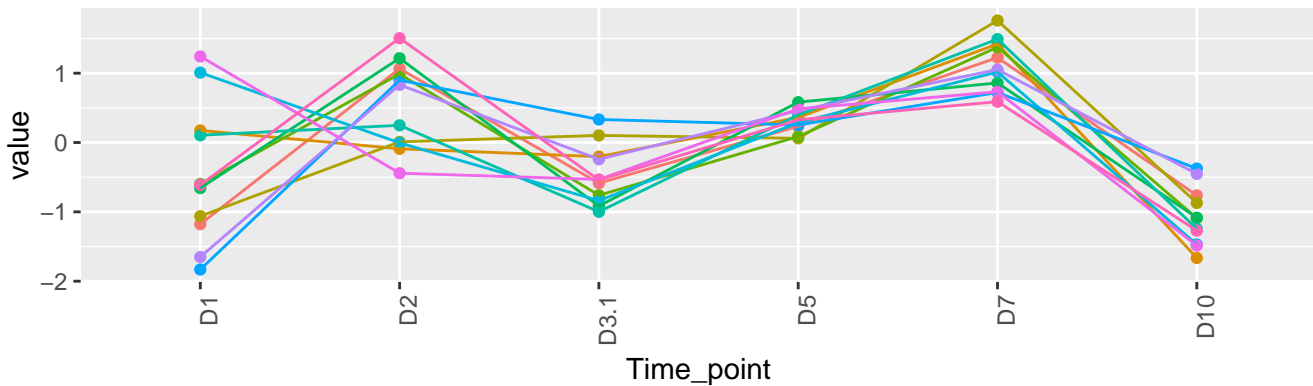
11 genes – KO-cluster-61-standardized



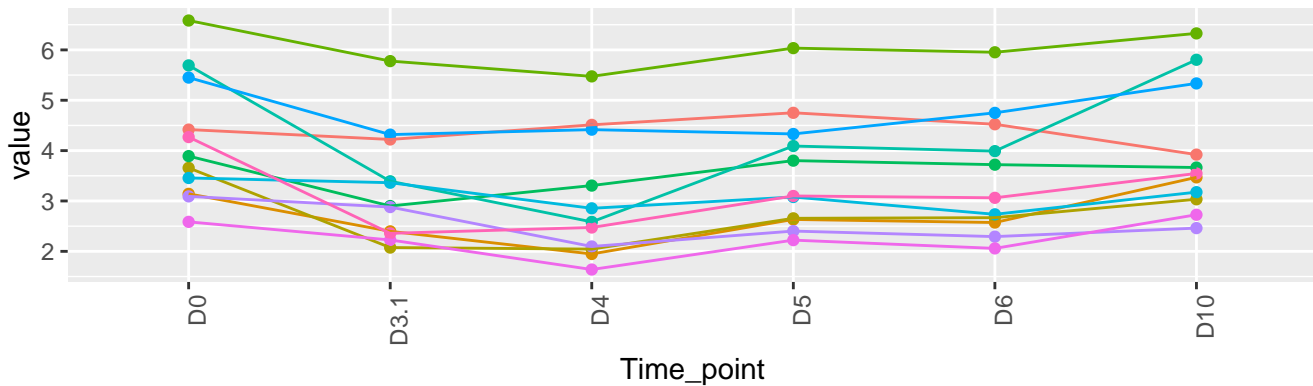
11 genes – WT-cluster-60-original



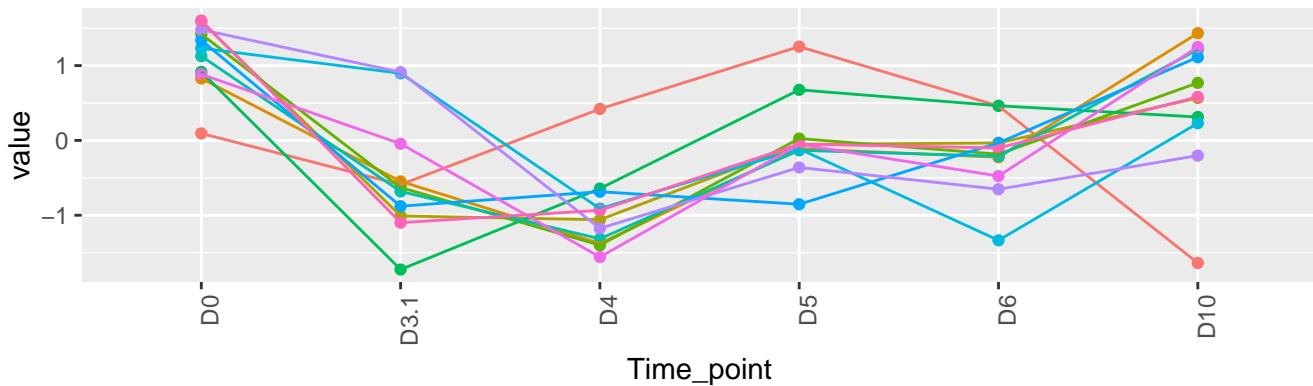
11 genes – WT-cluster-60-standardized



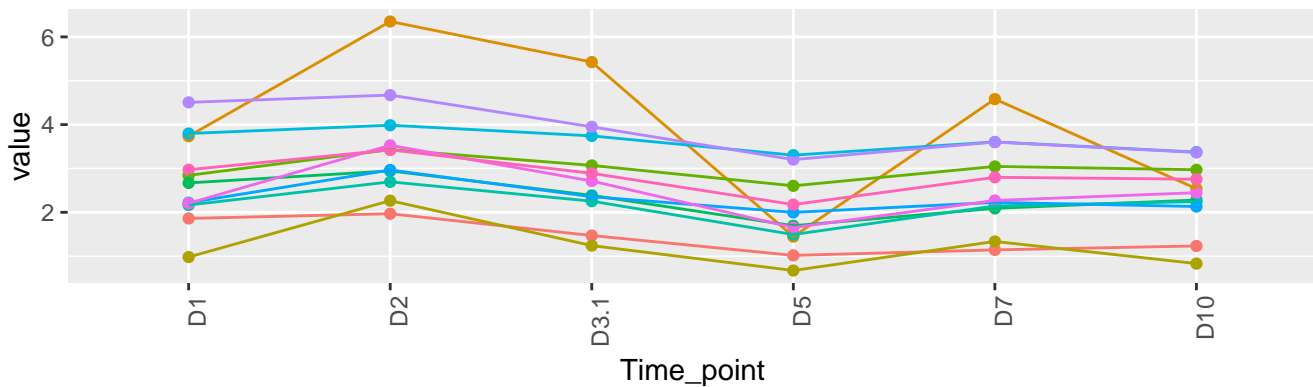
11 genes – KO-cluster-60-original



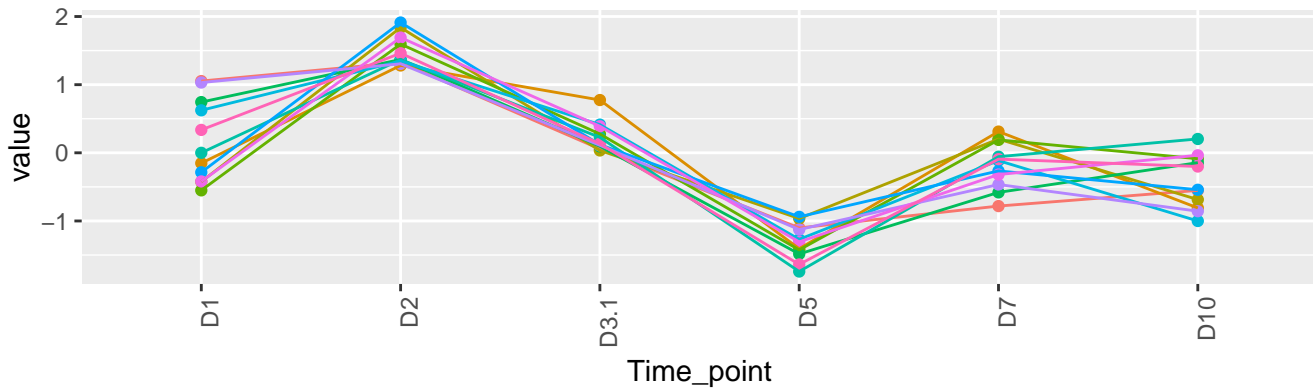
11 genes – KO-cluster-60-standardized



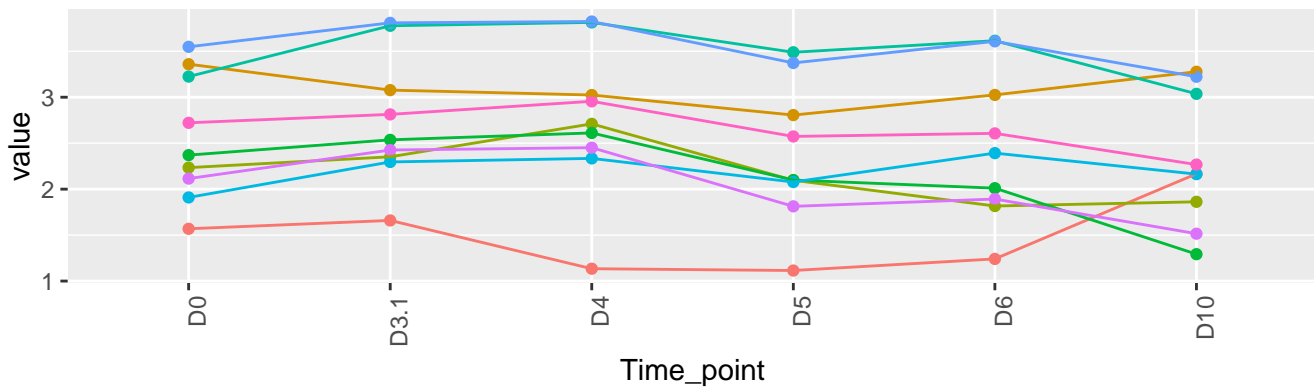
11 genes – WT-cluster-59-original



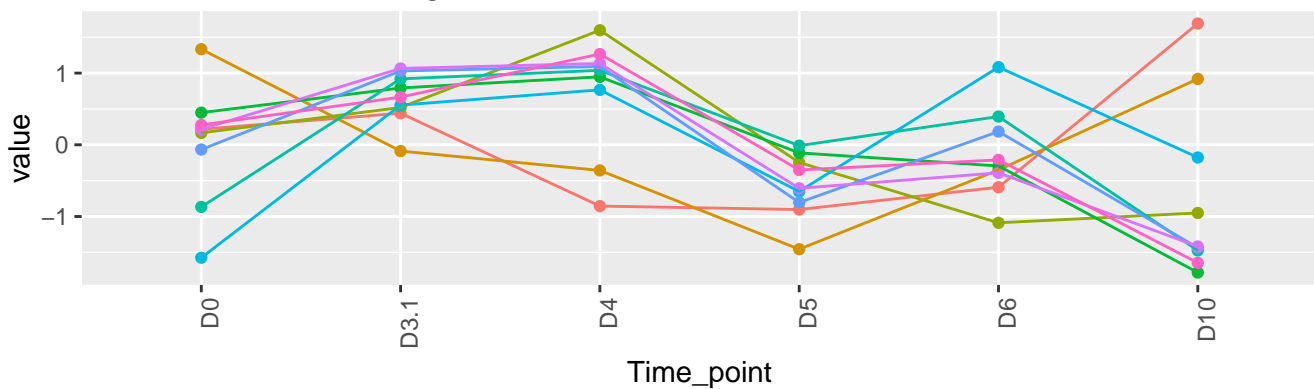
11 genes – WT-cluster-59-standardized



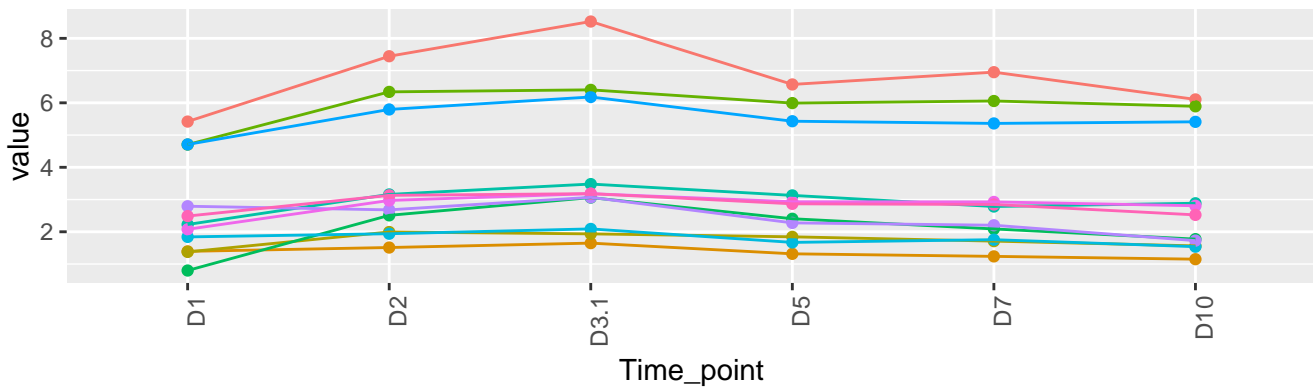
9 genes – KO-cluster-59-original



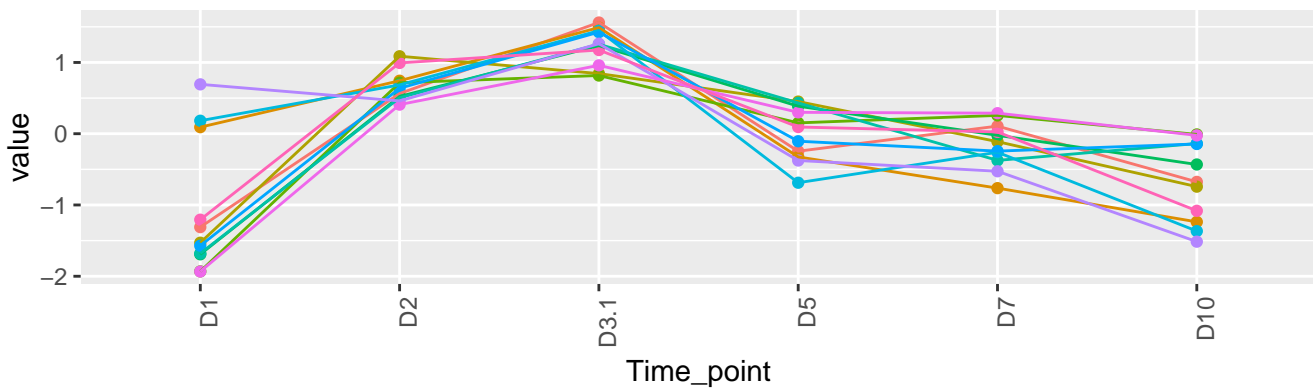
9 genes – KO-cluster-59-standardized



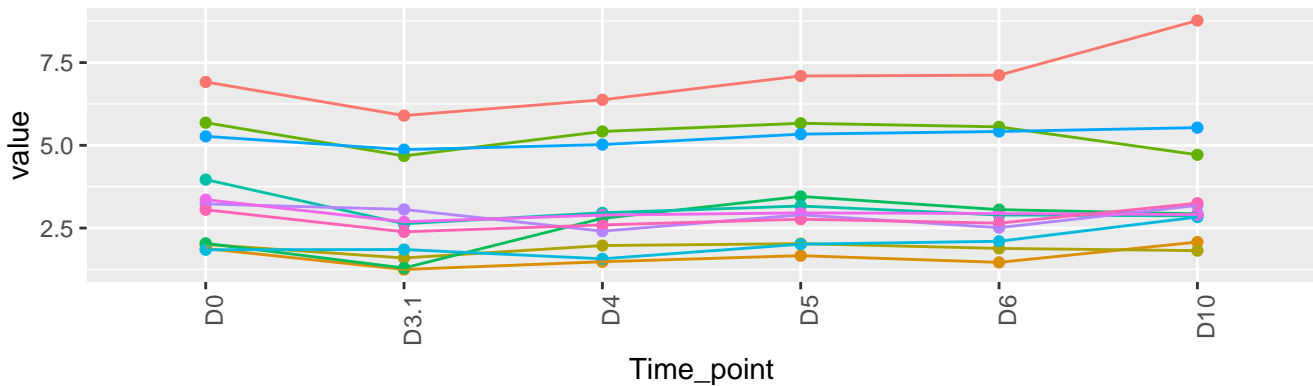
11 genes – WT-cluster-58-original



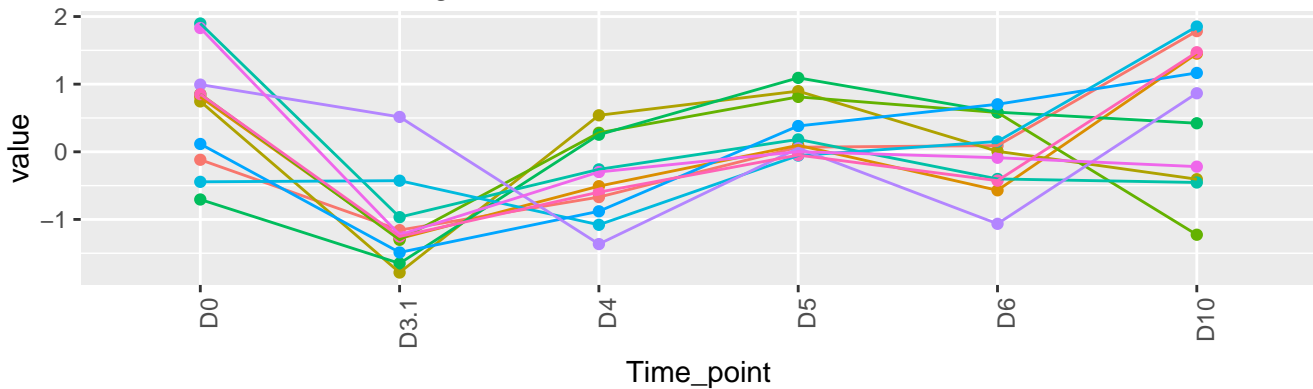
11 genes – WT-cluster-58-standardized



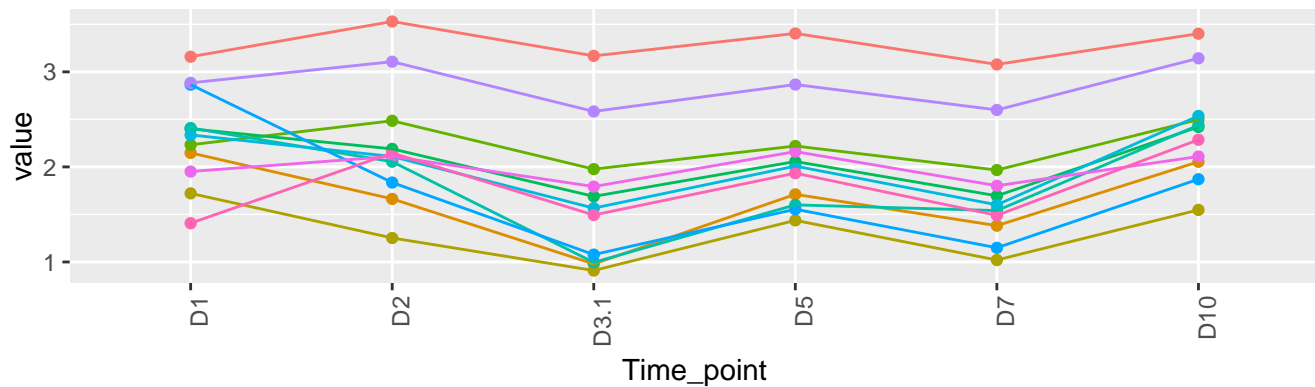
11 genes – KO-cluster-58-original



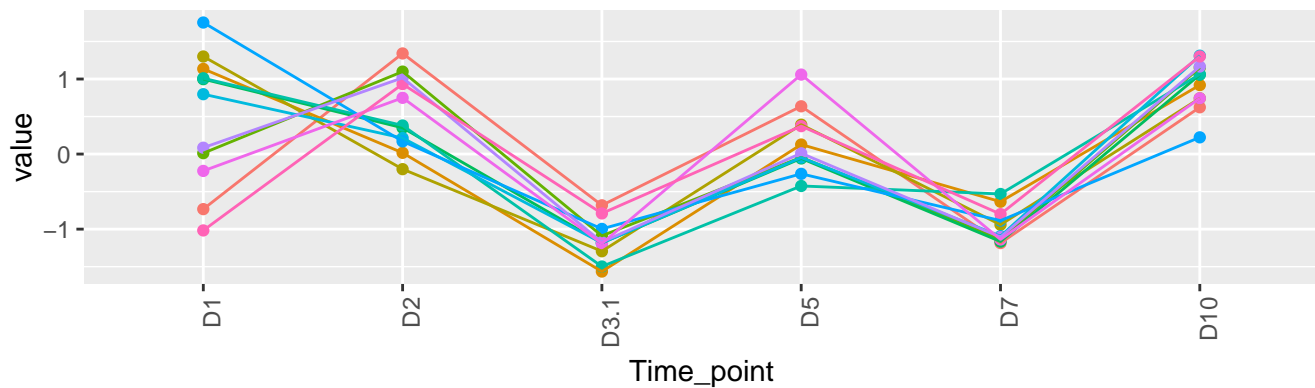
11 genes – KO-cluster-58-standardized



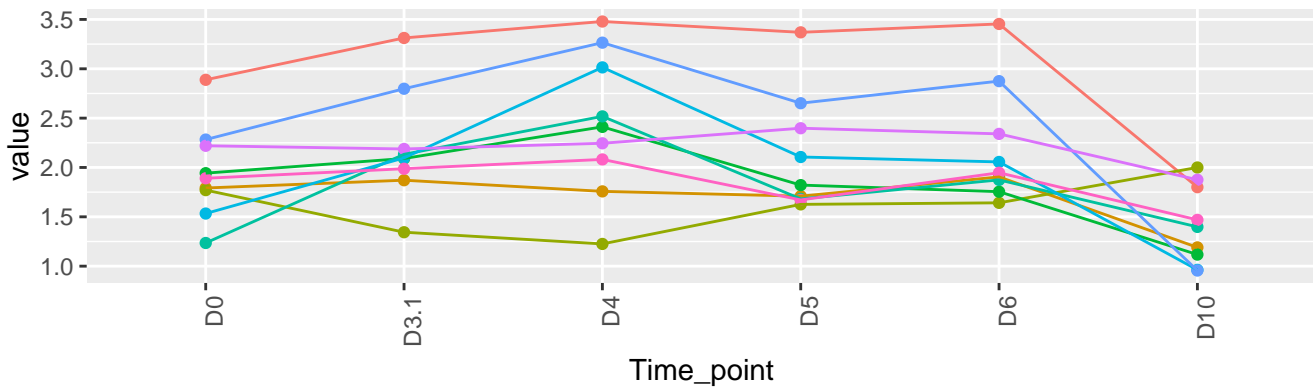
11 genes – WT-cluster-57-original



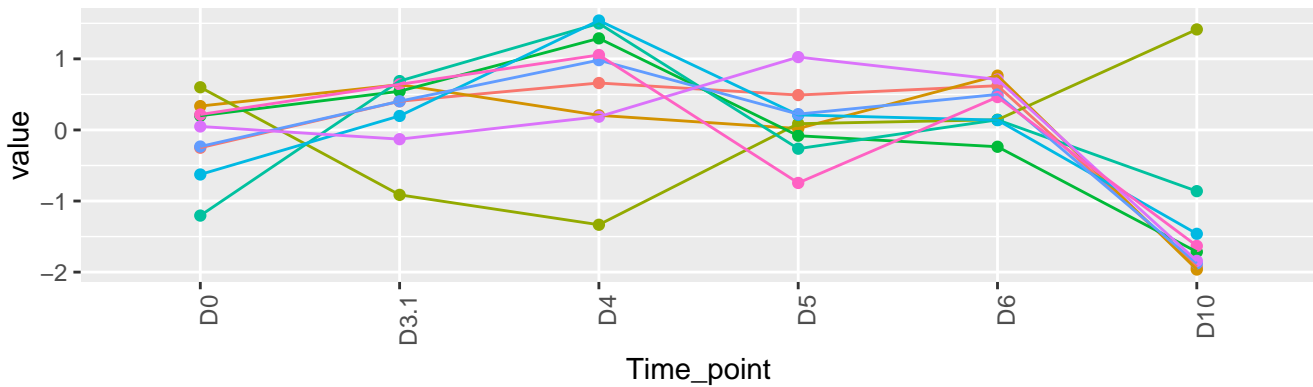
11 genes – WT-cluster-57-standardized



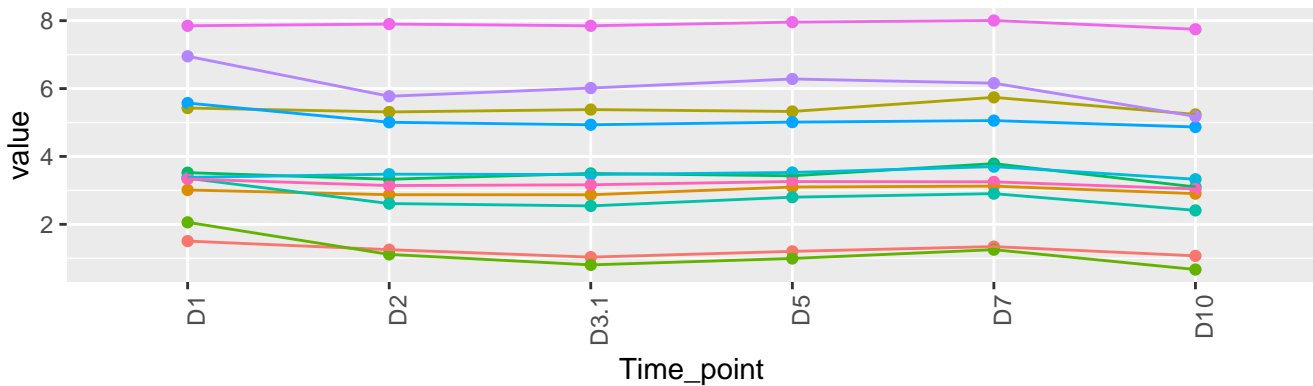
9 genes – KO-cluster-57-original



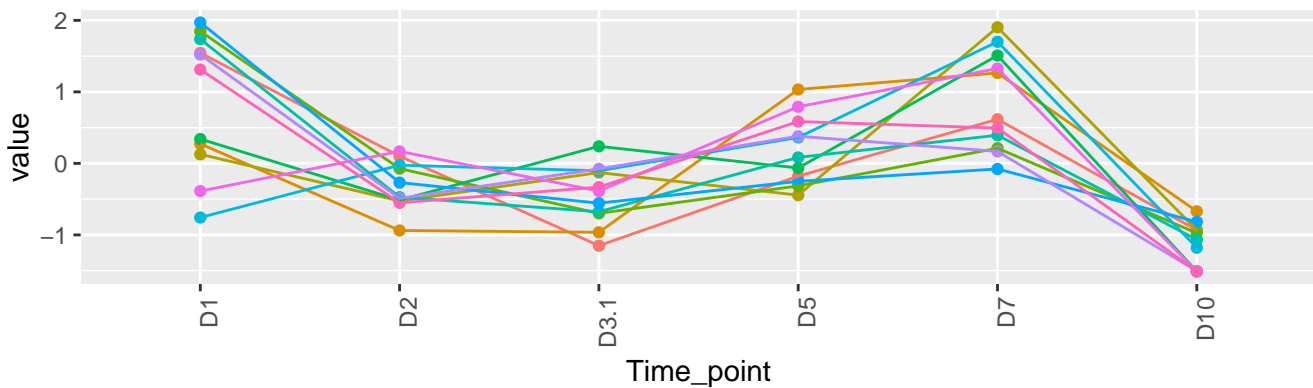
9 genes – KO-cluster-57-standardized



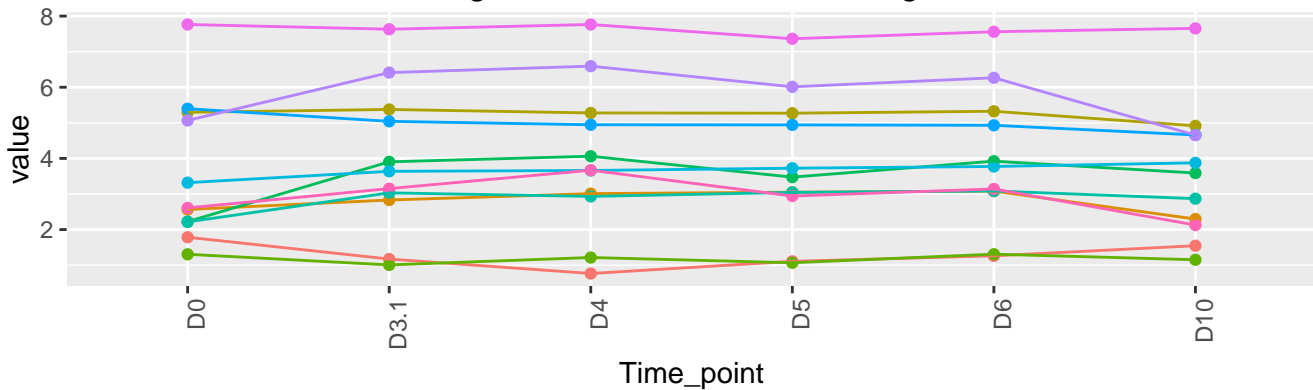
11 genes – WT-cluster-56-original



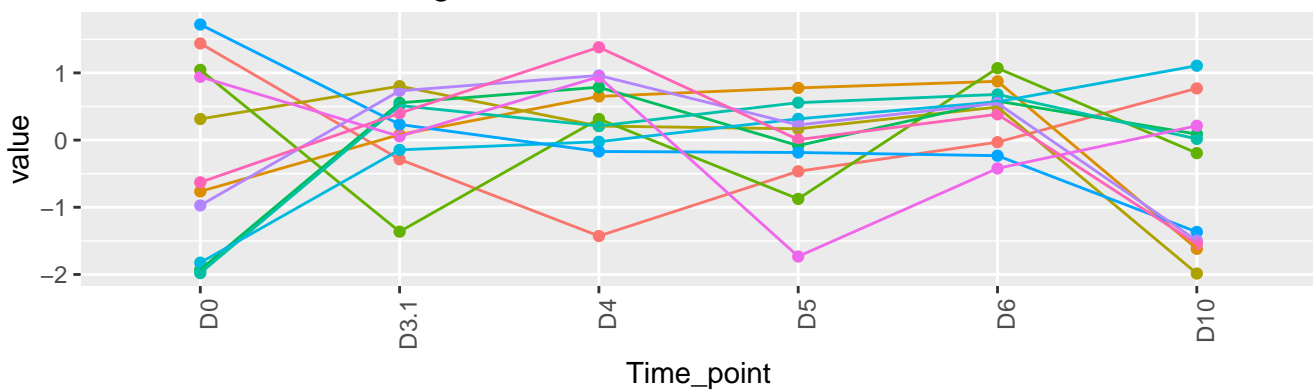
11 genes – WT-cluster-56-standardized



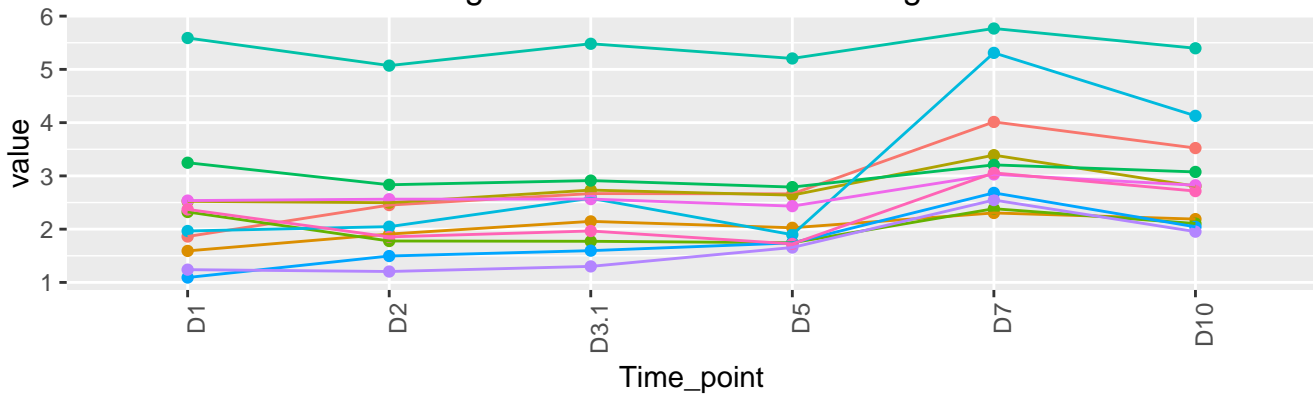
11 genes – KO-cluster-56-original



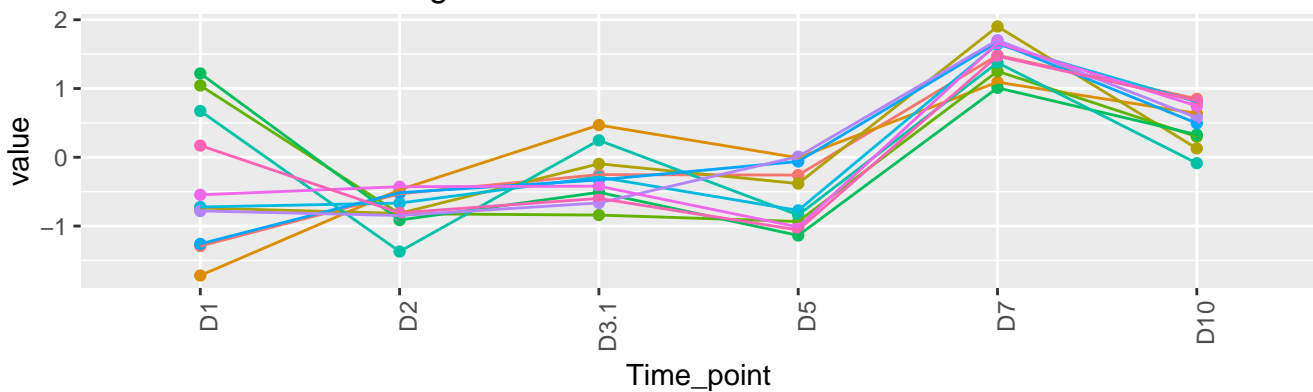
11 genes – KO-cluster-56-standardized



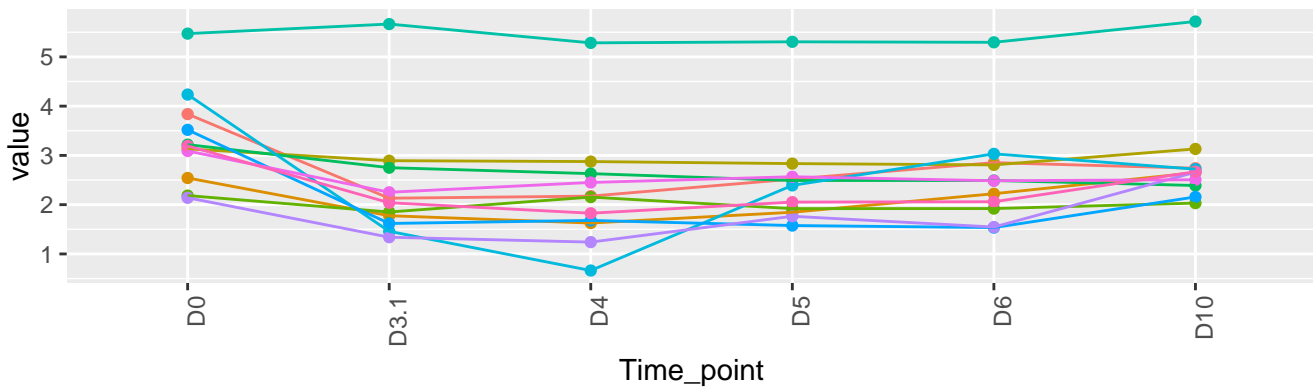
11 genes – WT-cluster-55-original



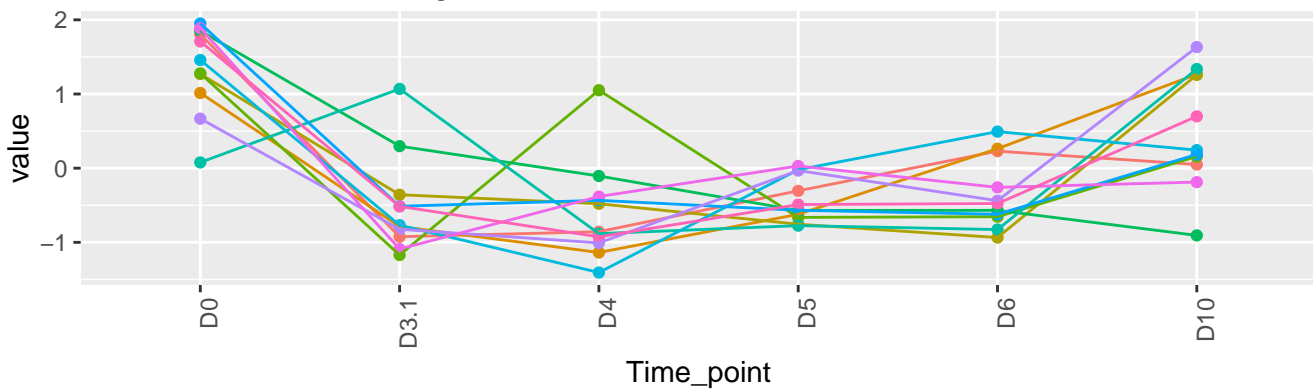
11 genes – WT-cluster-55-standardized



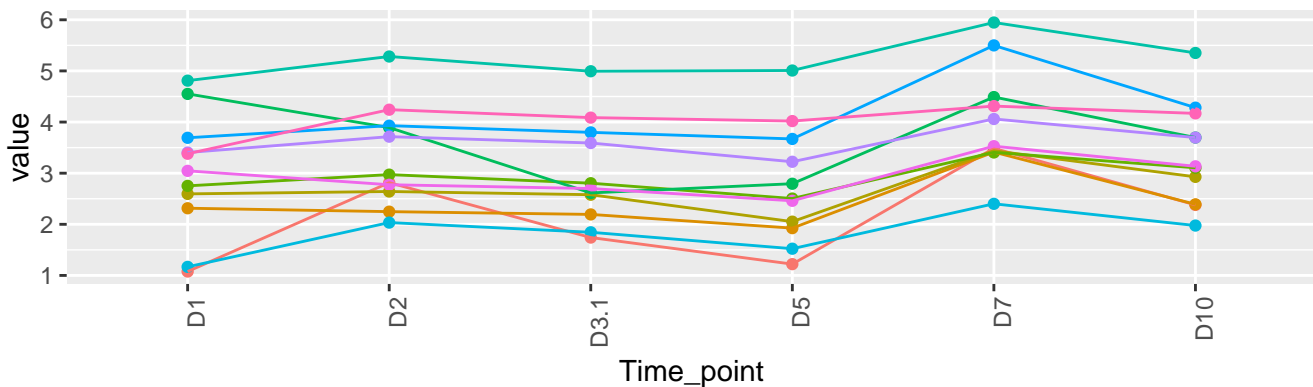
11 genes – KO-cluster-55-original



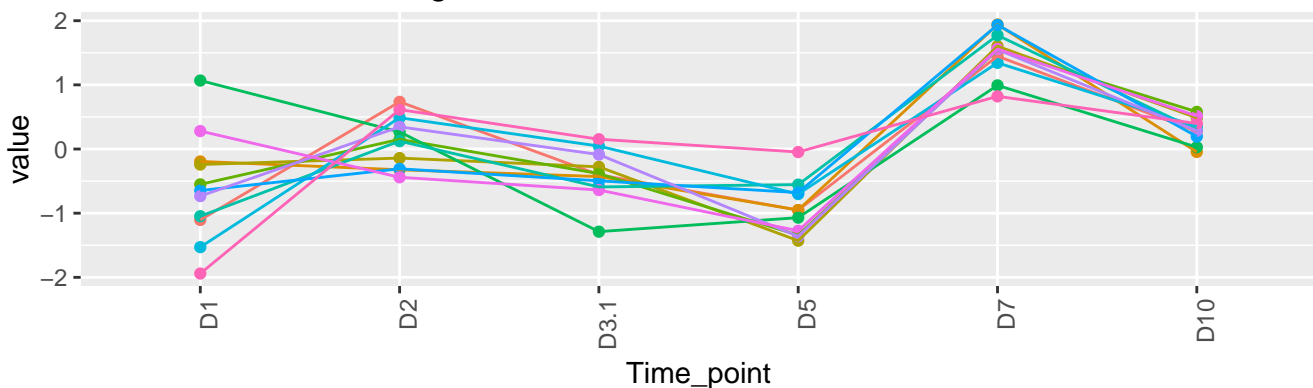
11 genes – KO-cluster-55-standardized



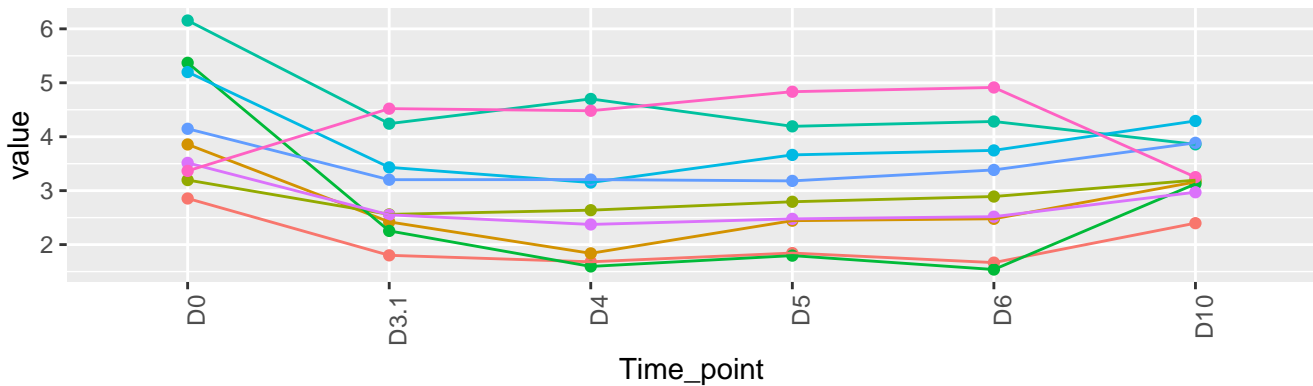
11 genes – WT-cluster-54-original



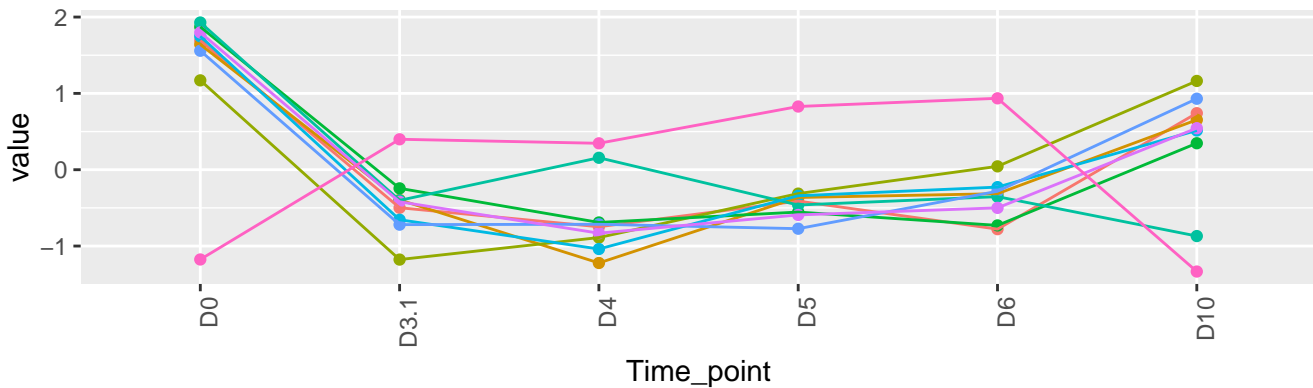
11 genes – WT-cluster-54-standardized



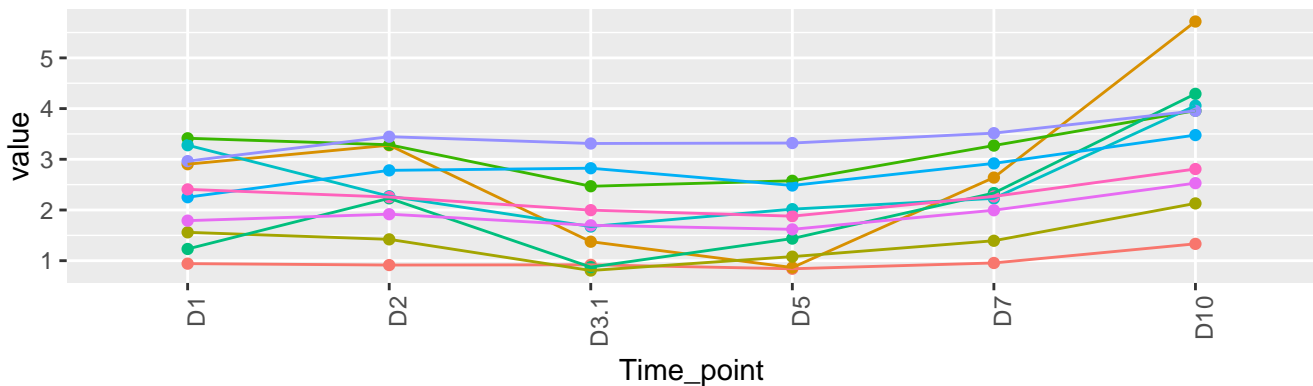
9 genes – KO-cluster-54-original



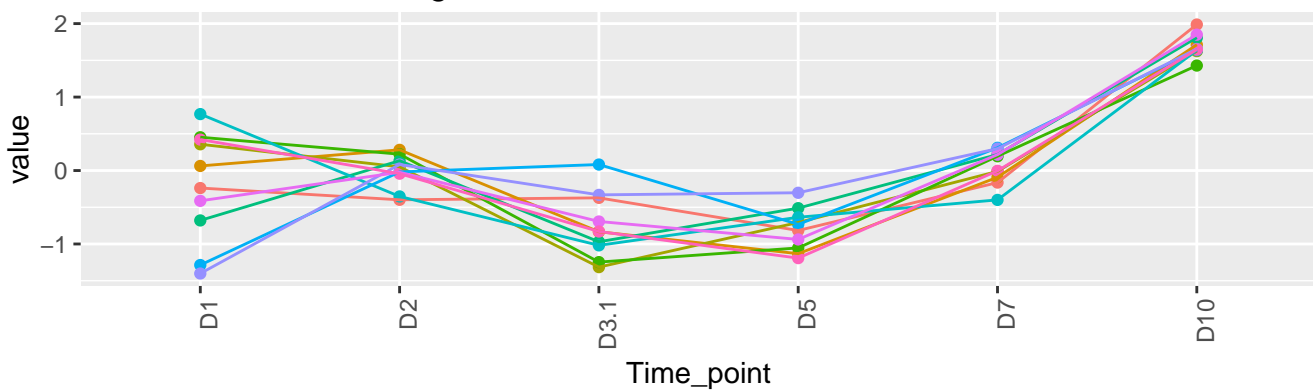
9 genes – KO-cluster-54-standardized



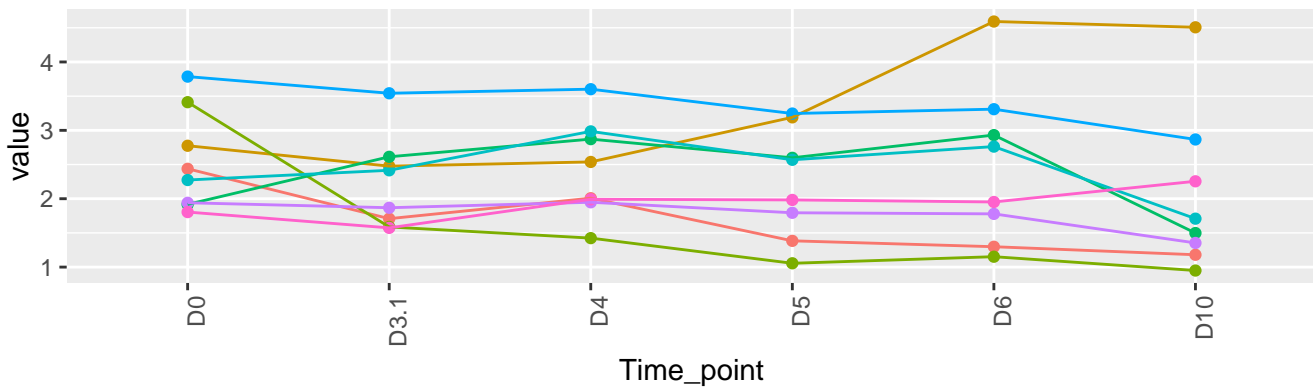
10 genes – WT-cluster-53-original



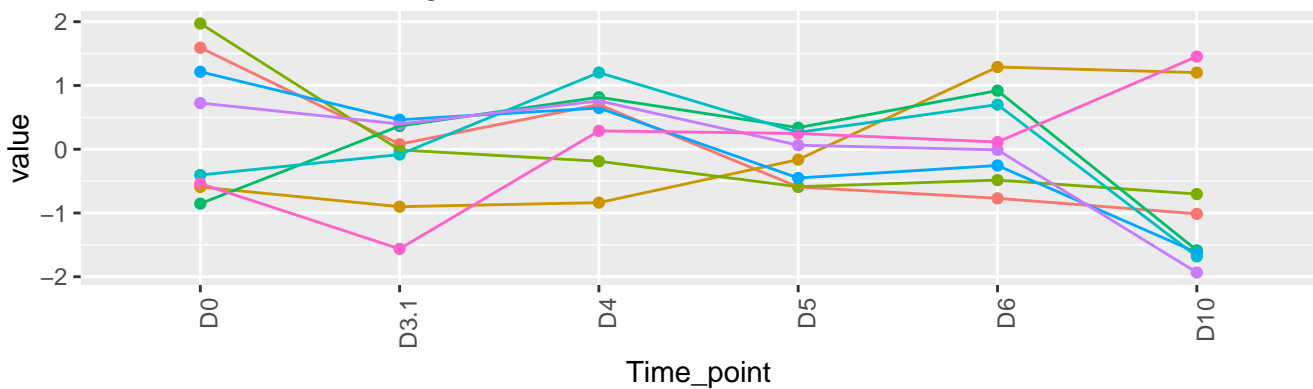
10 genes – WT-cluster-53-standardized



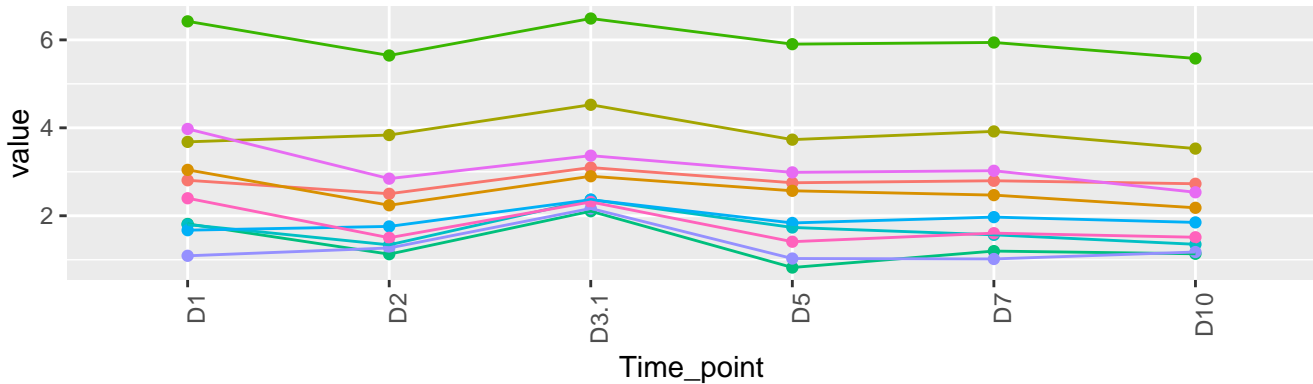
8 genes – KO-cluster-53-original



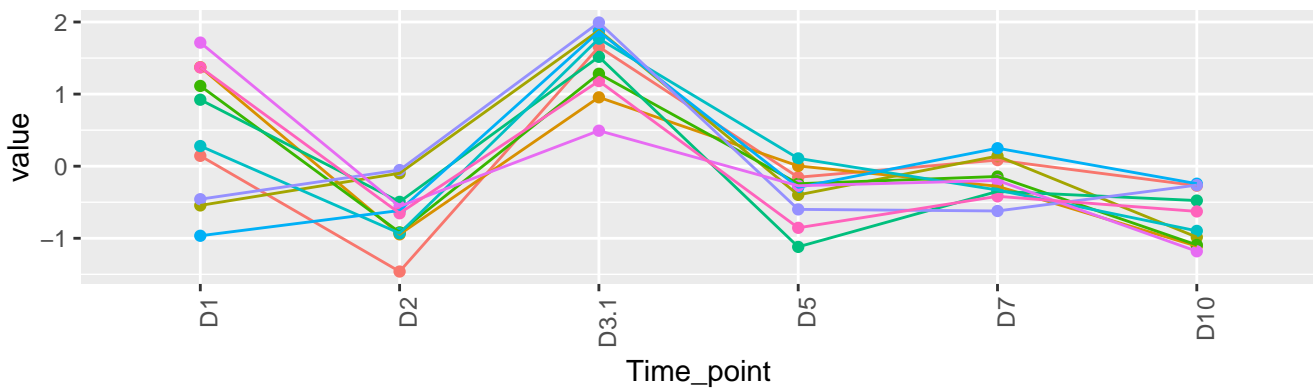
8 genes – KO-cluster-53-standardized



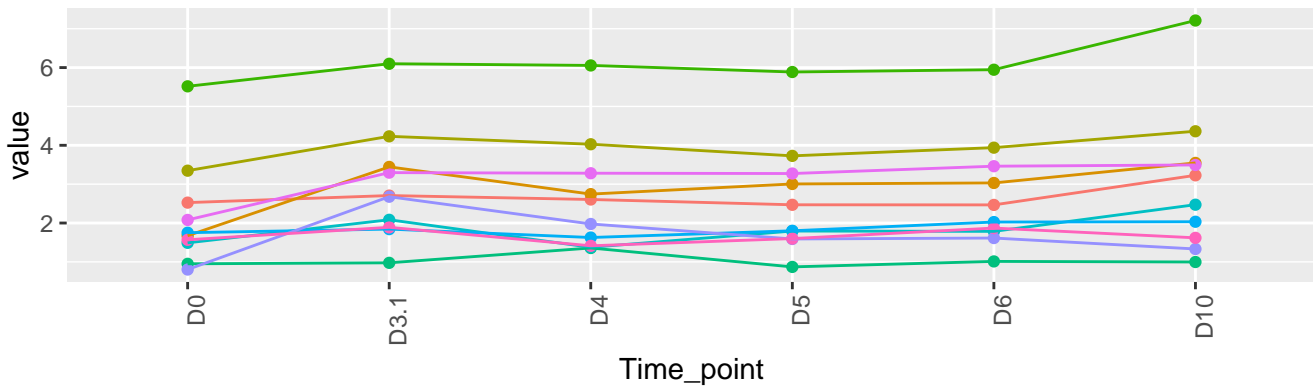
10 genes – WT-cluster-52-original



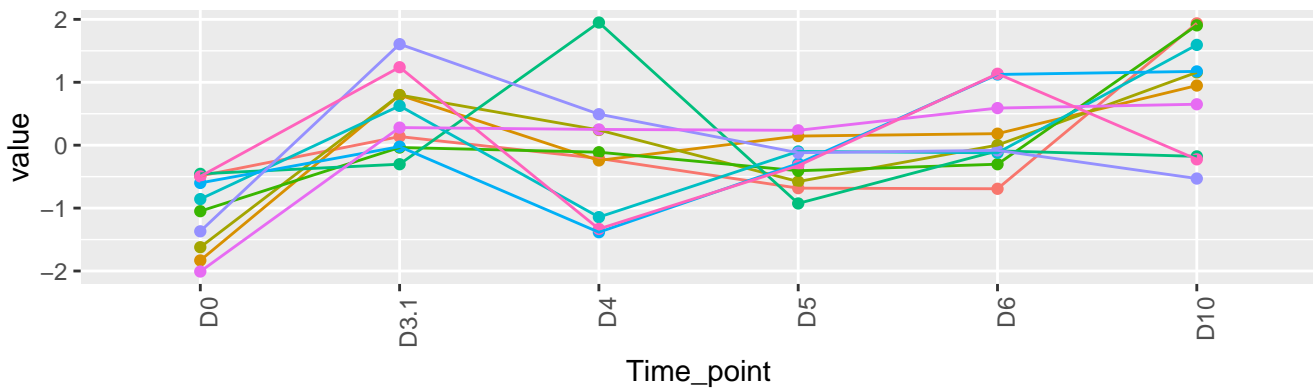
10 genes – WT-cluster-52-standardized



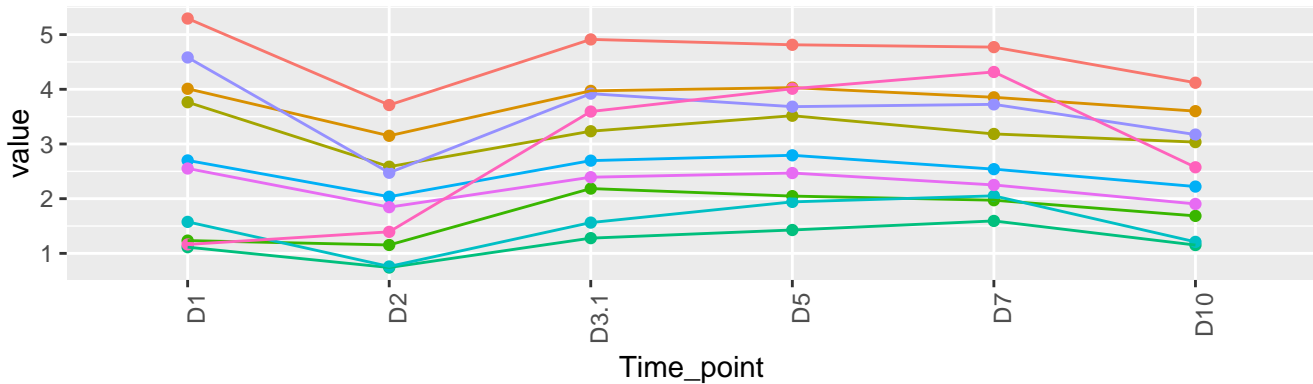
10 genes – KO-cluster-52-original



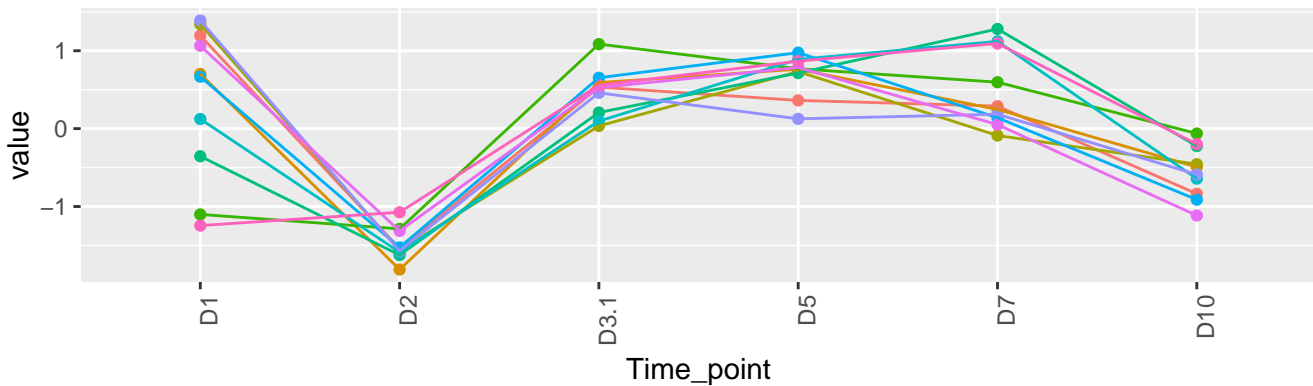
10 genes – KO-cluster-52-standardized



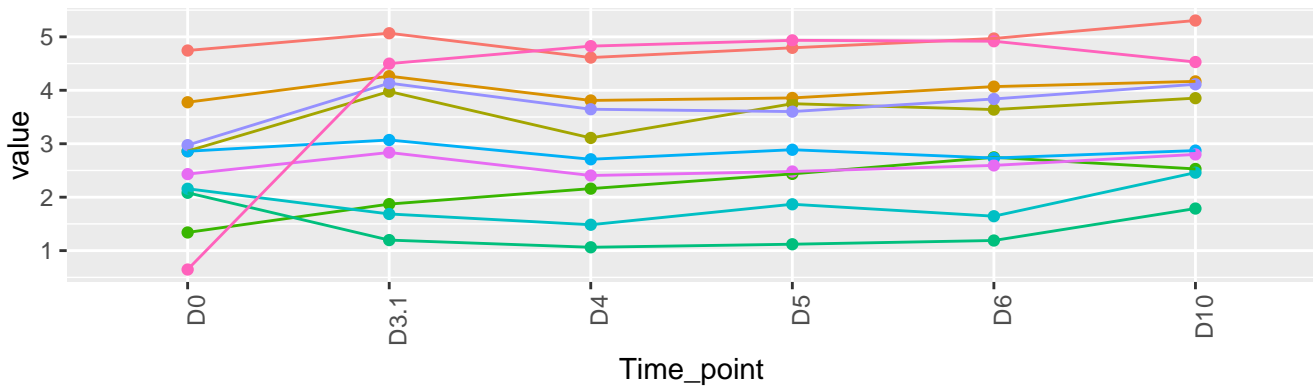
10 genes – WT-cluster-51-original



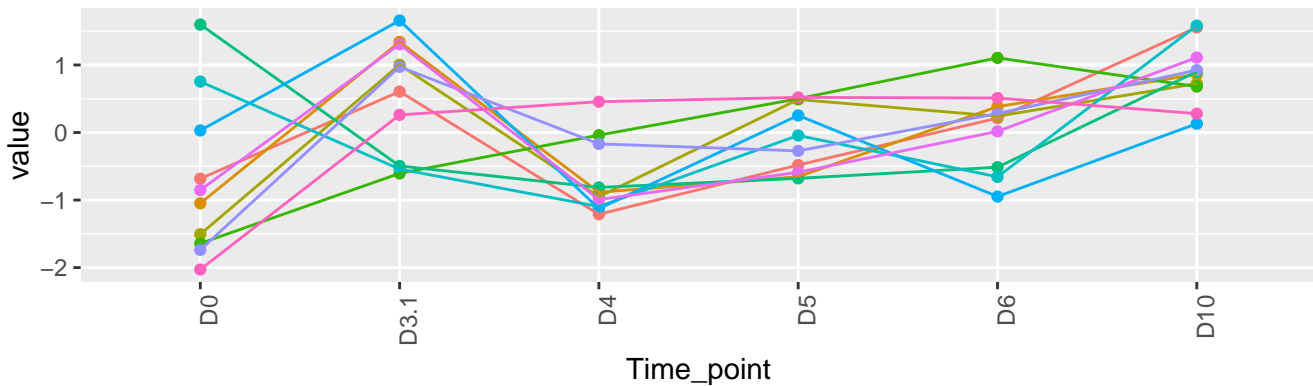
10 genes – WT-cluster-51-standardized



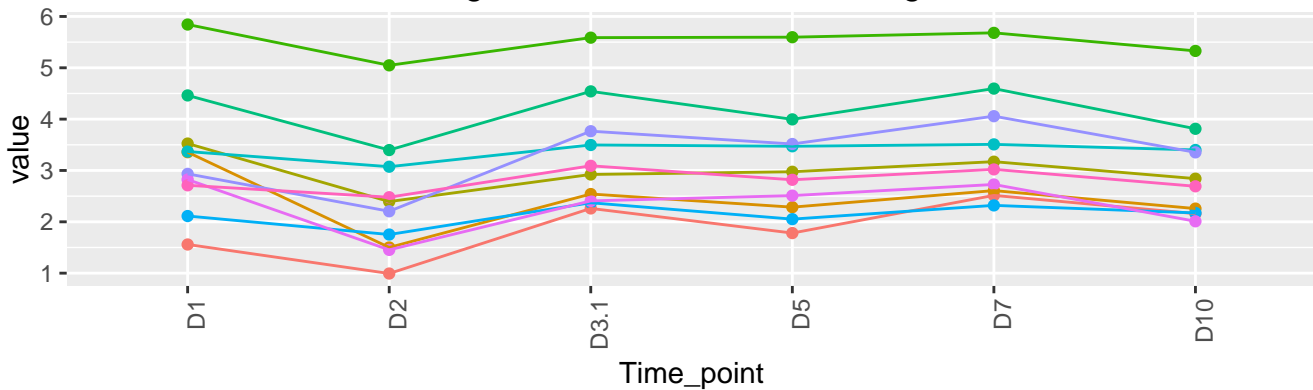
10 genes – KO-cluster-51-original



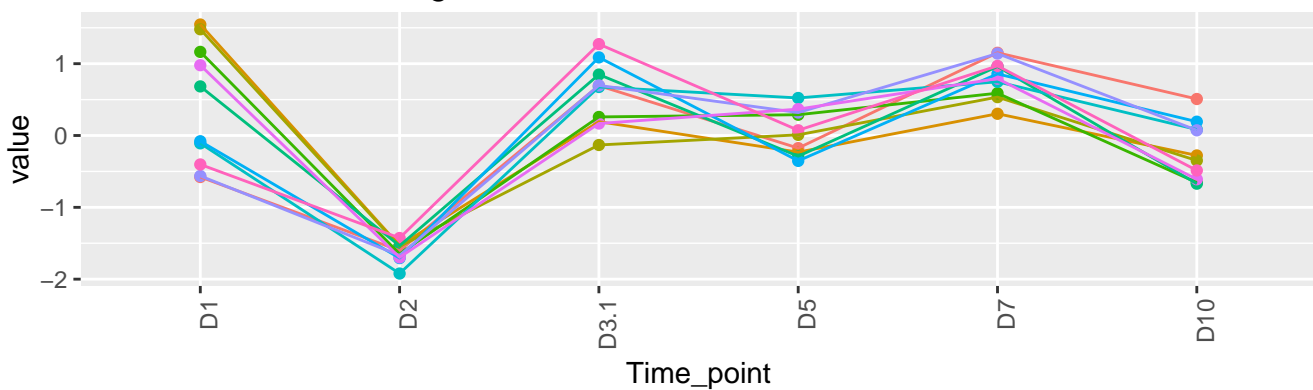
10 genes – KO-cluster-51-standardized



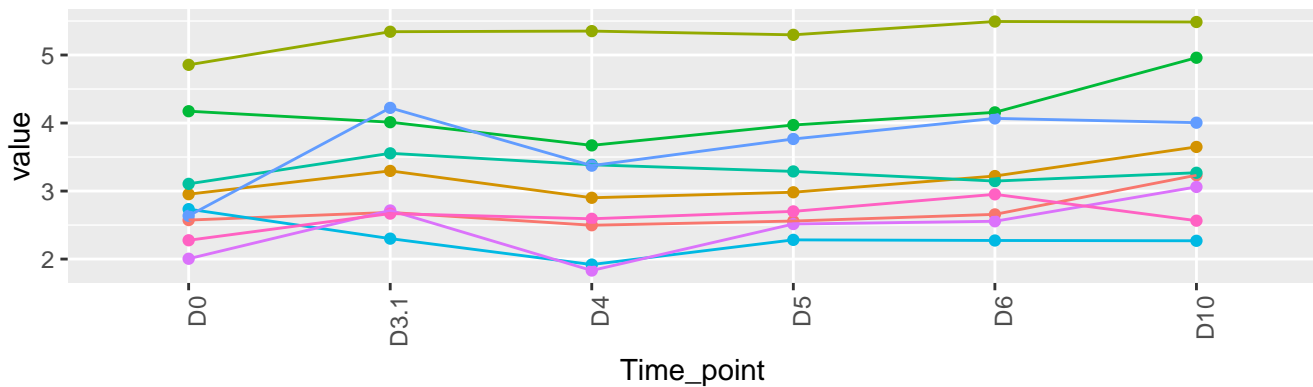
10 genes – WT-cluster-50-original



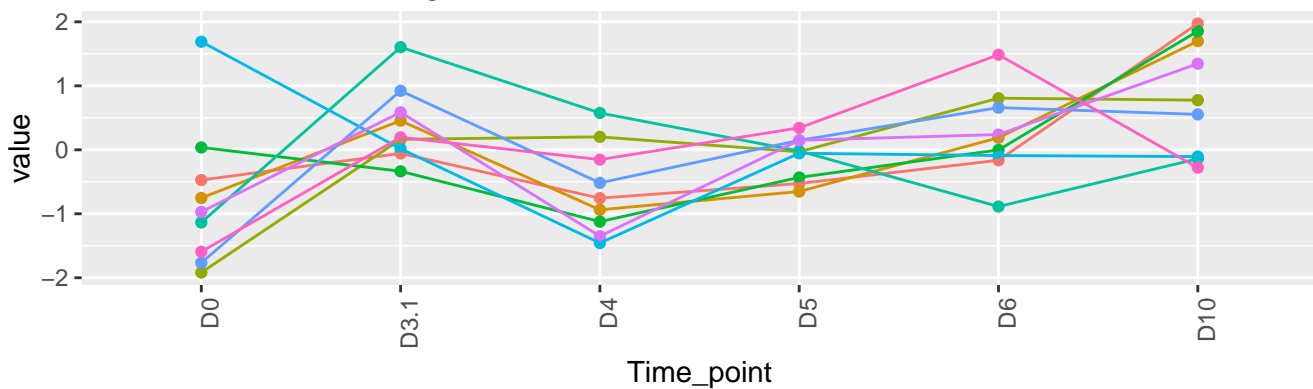
10 genes – WT-cluster-50-standardized



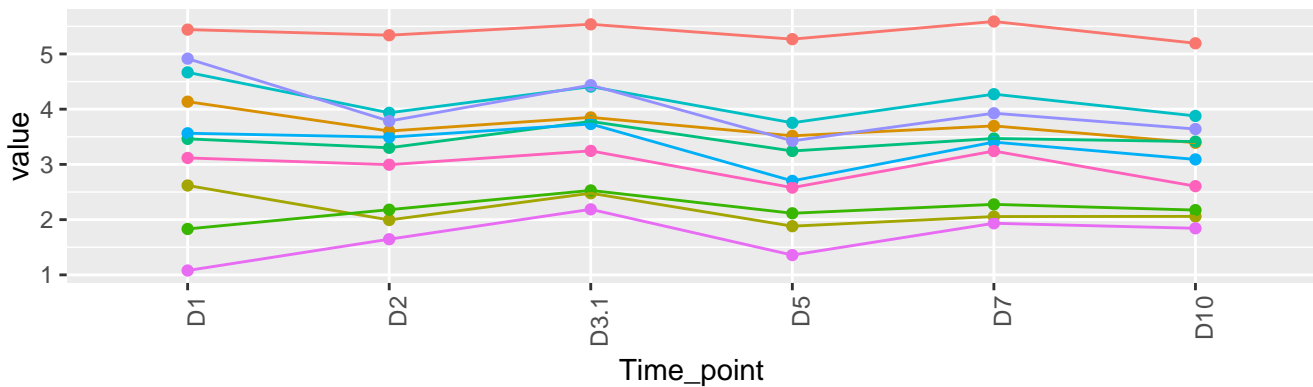
9 genes – KO-cluster-50-original



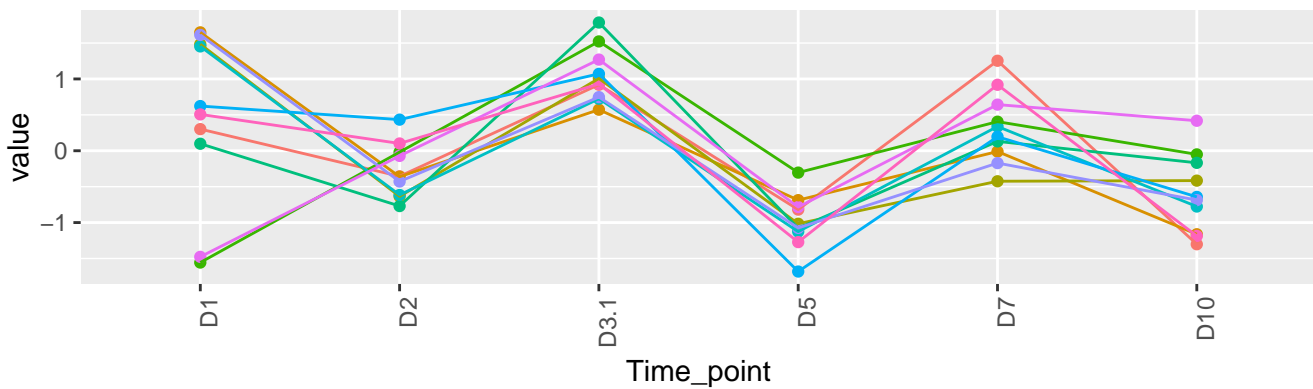
9 genes – KO-cluster-50-standardized



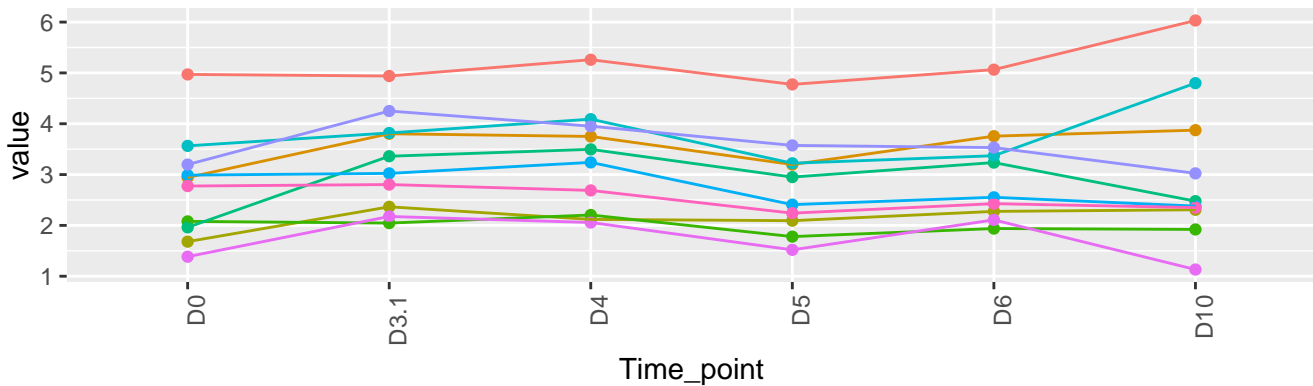
10 genes – WT-cluster-49-original



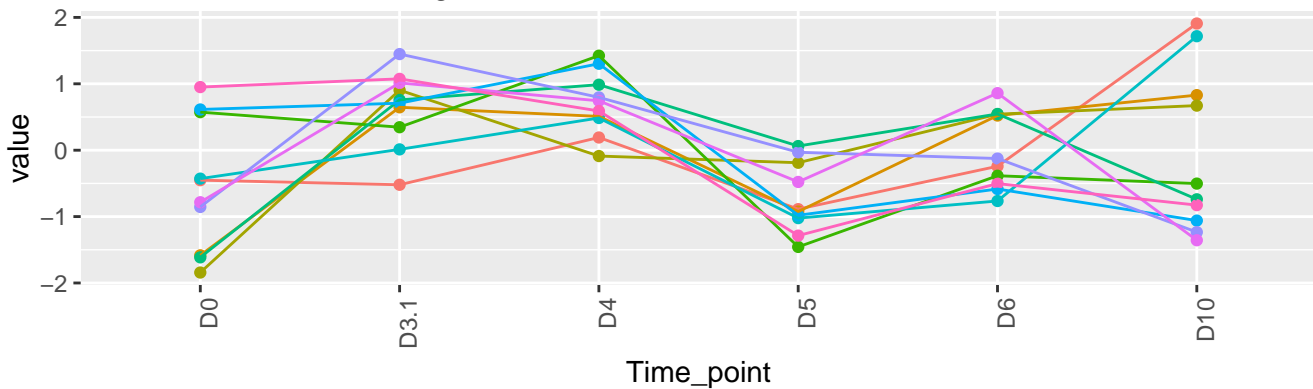
10 genes – WT-cluster-49-standardized



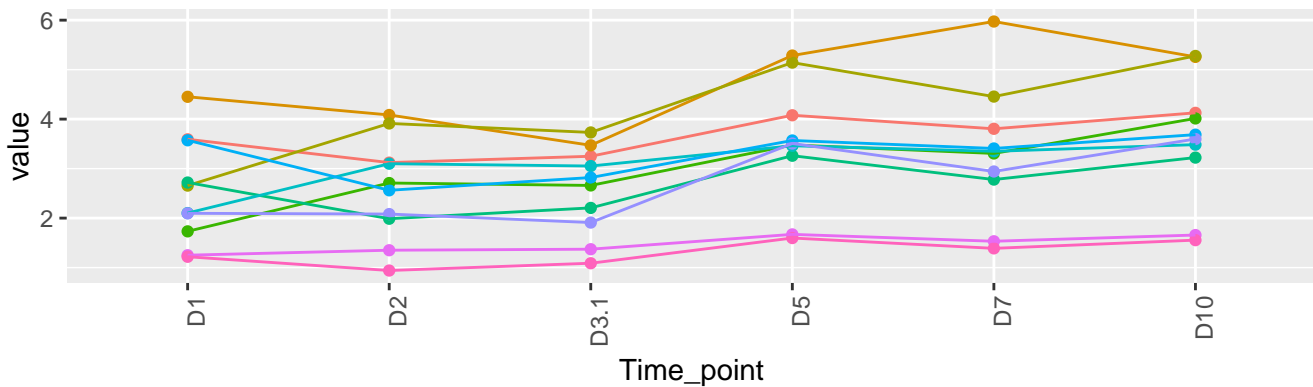
10 genes – KO-cluster-49-original



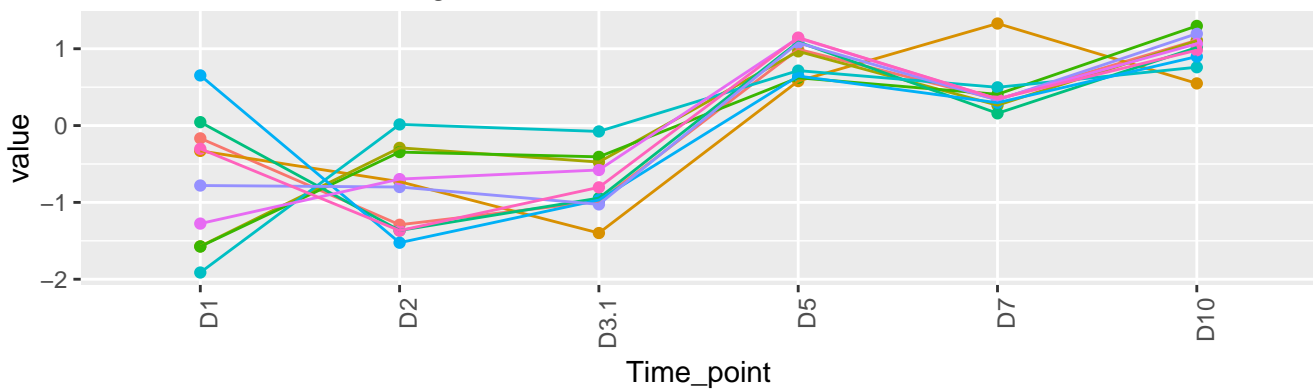
10 genes – KO-cluster-49-standardized



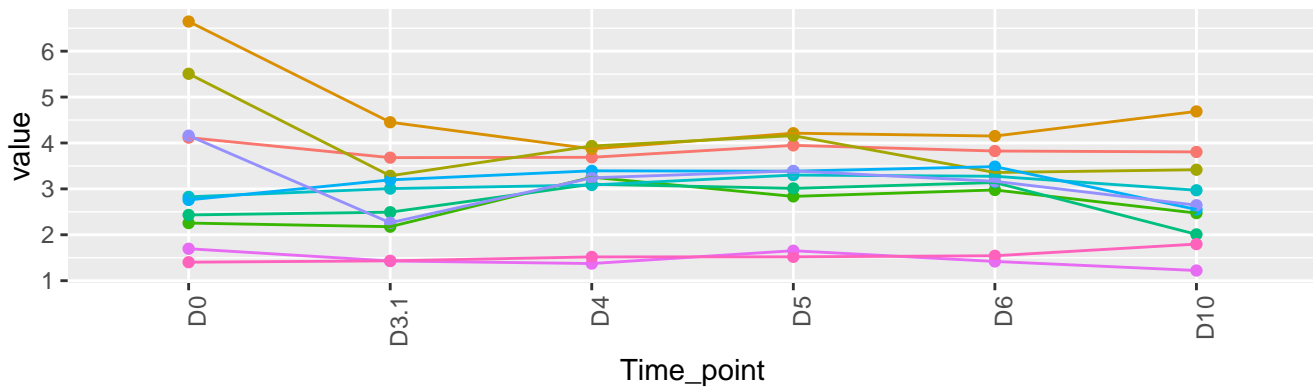
10 genes – WT-cluster-48-original



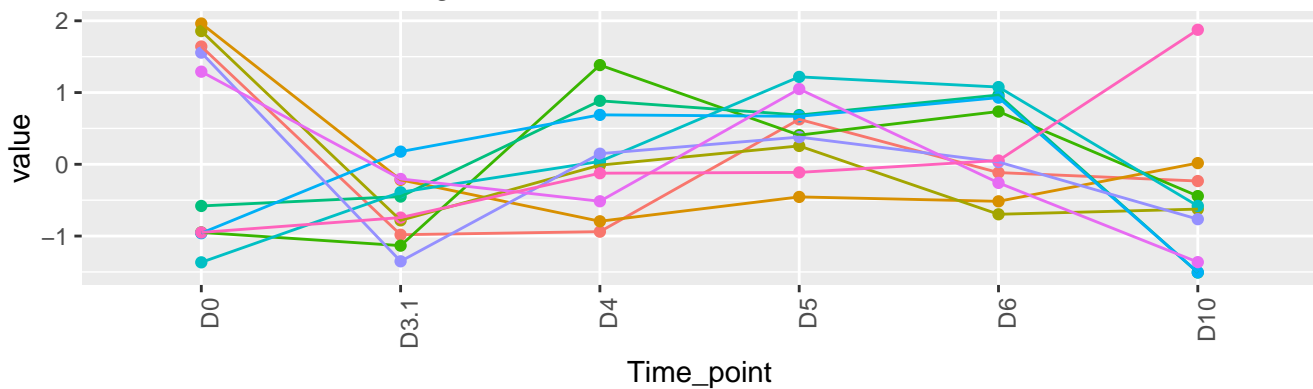
10 genes – WT-cluster-48-standardized



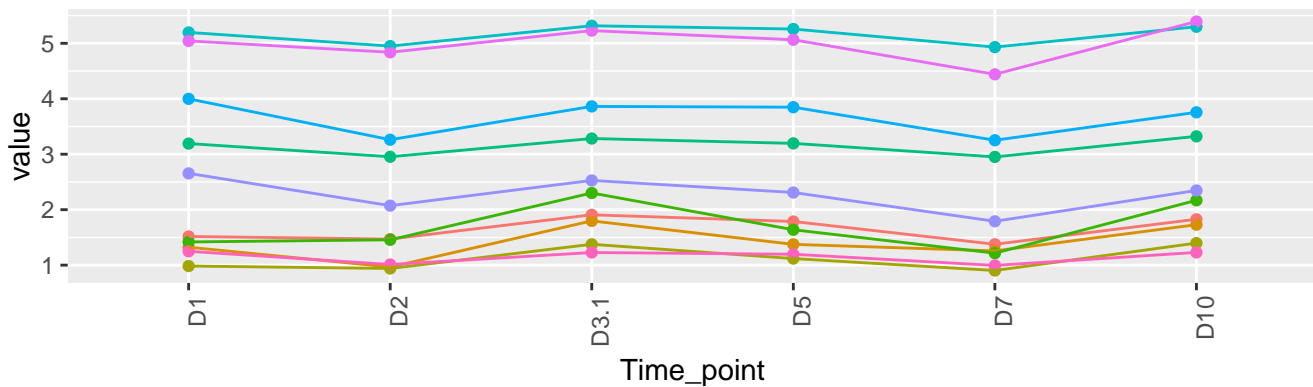
10 genes – KO-cluster-48-original



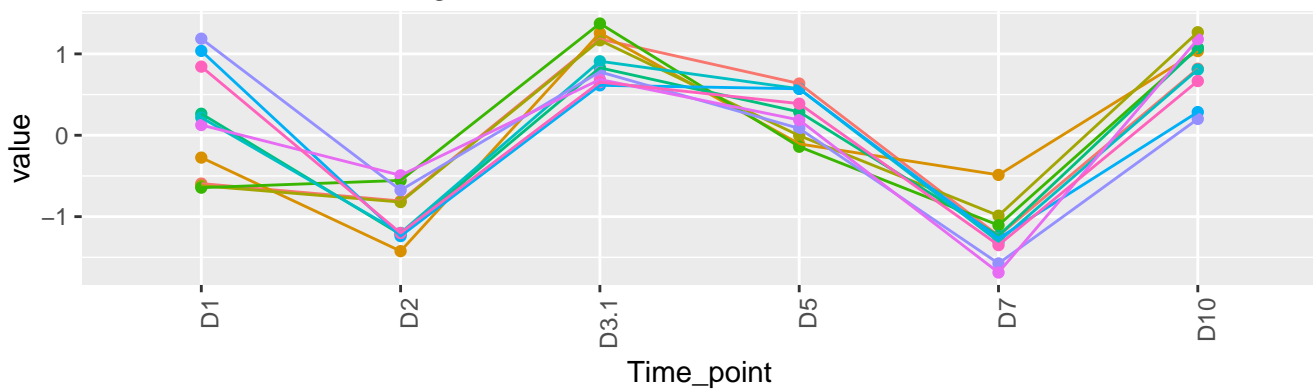
10 genes – KO-cluster-48-standardized



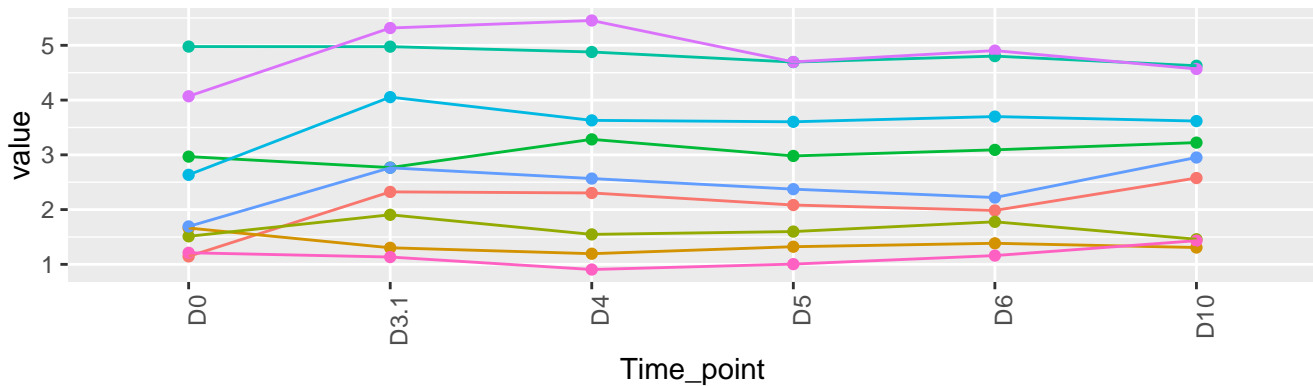
10 genes – WT-cluster-47-original



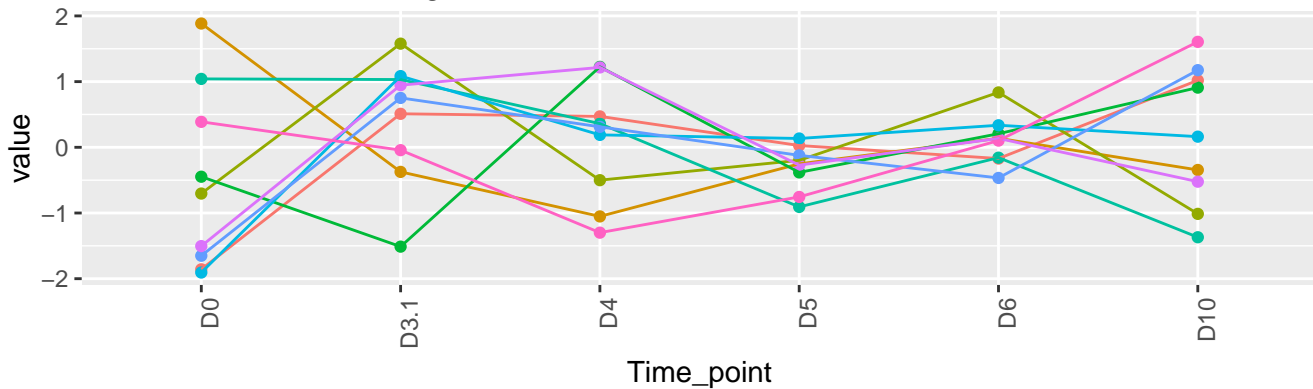
10 genes – WT-cluster-47-standardized



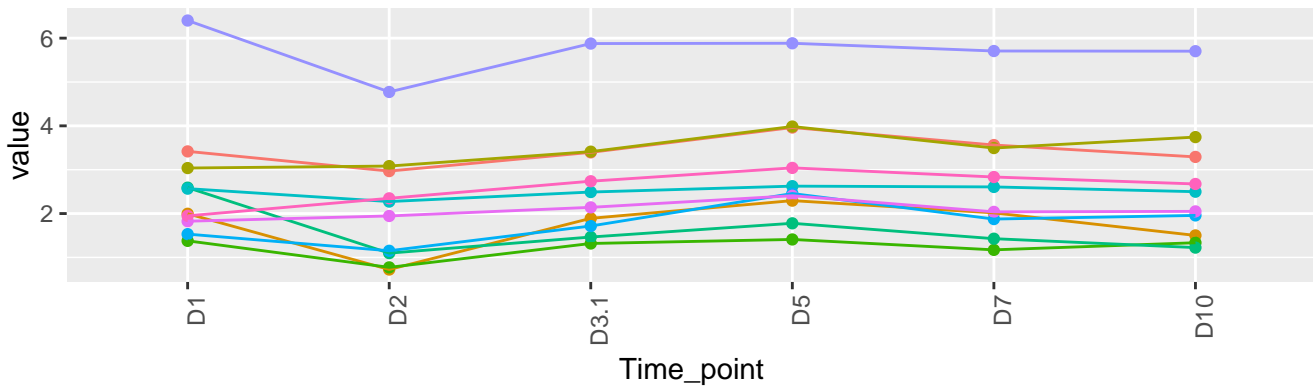
9 genes – KO-cluster-47-original



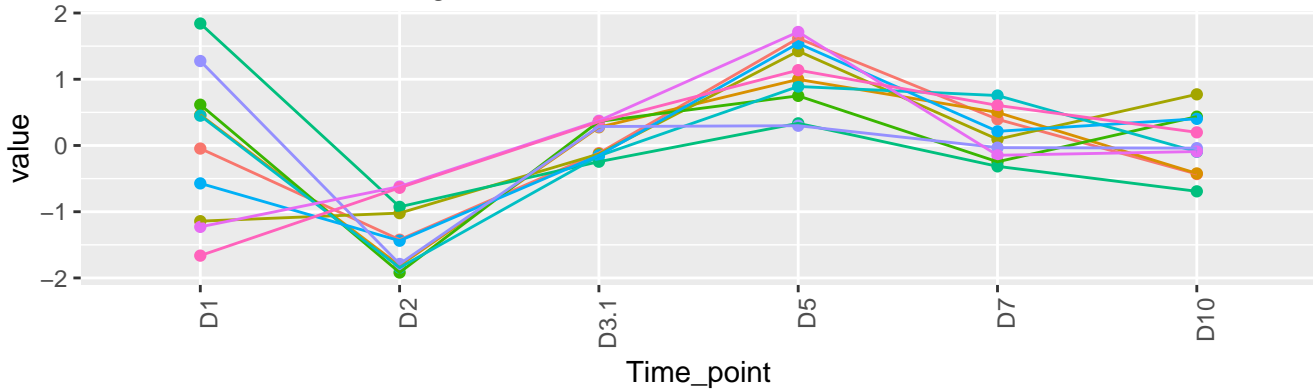
9 genes – KO-cluster-47-standardized



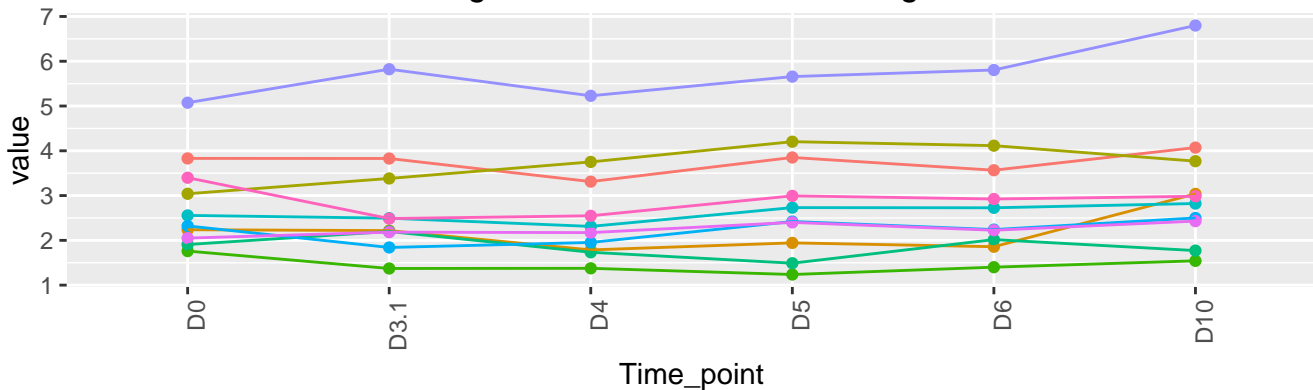
10 genes – WT-cluster-46-original



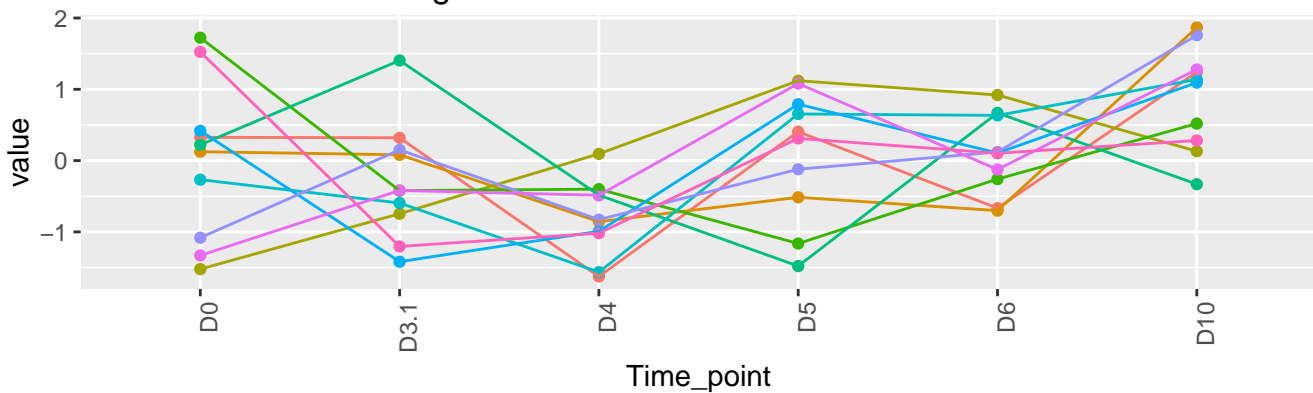
10 genes – WT-cluster-46-standardized



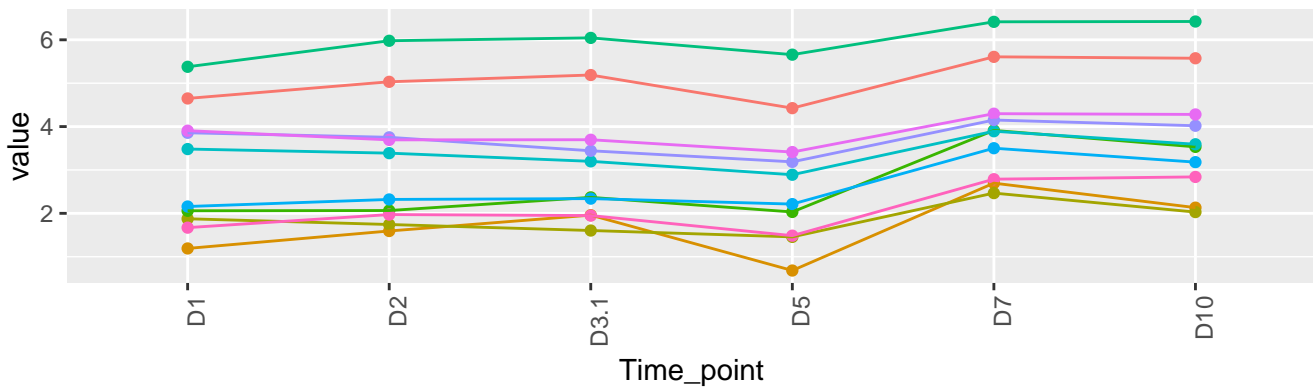
10 genes – KO-cluster-46-original



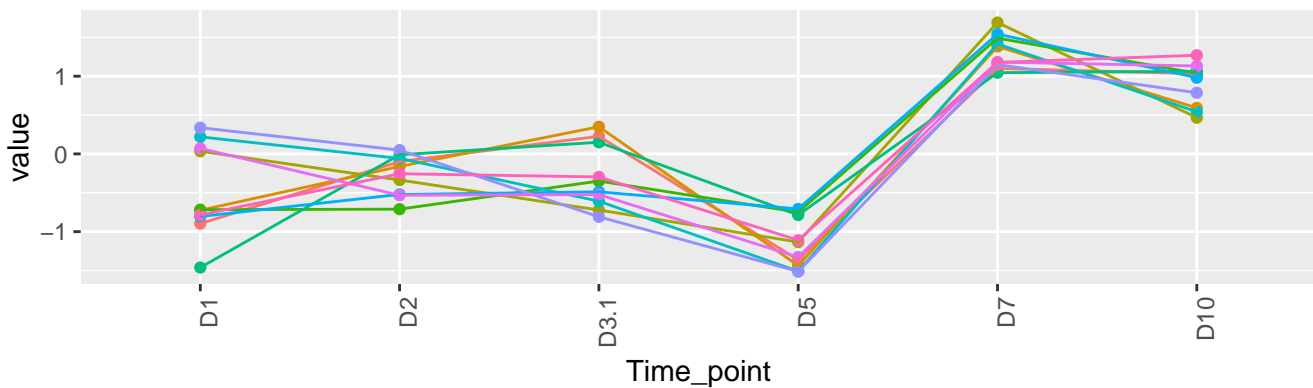
10 genes – KO-cluster-46-standardized



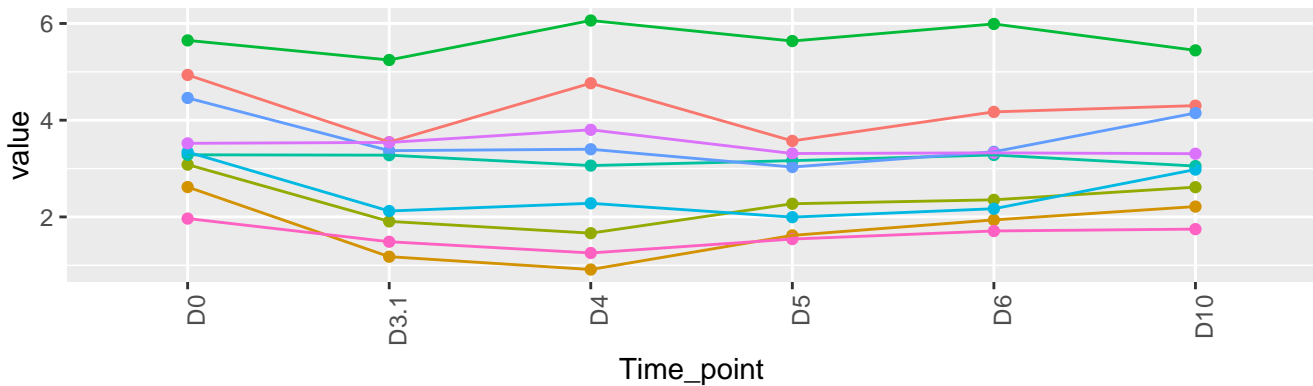
10 genes – WT-cluster-45-original



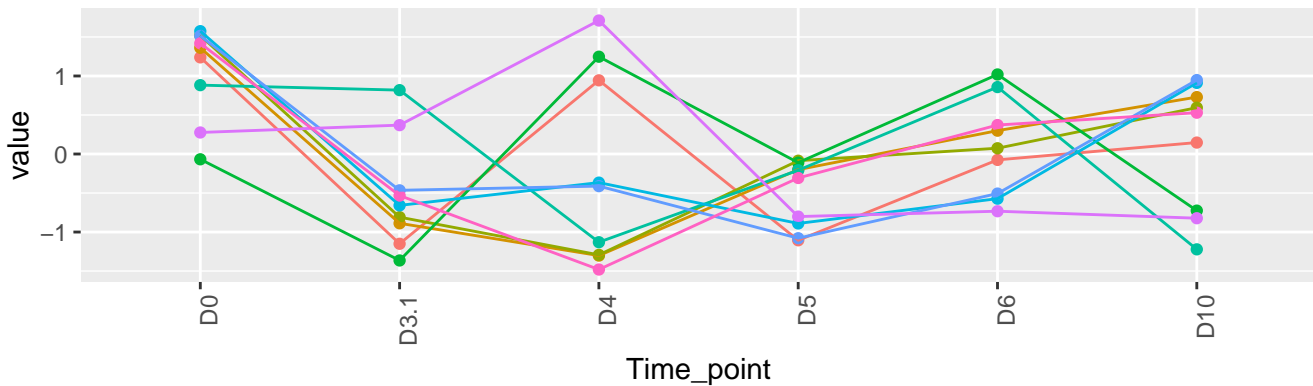
10 genes – WT-cluster-45-standardized



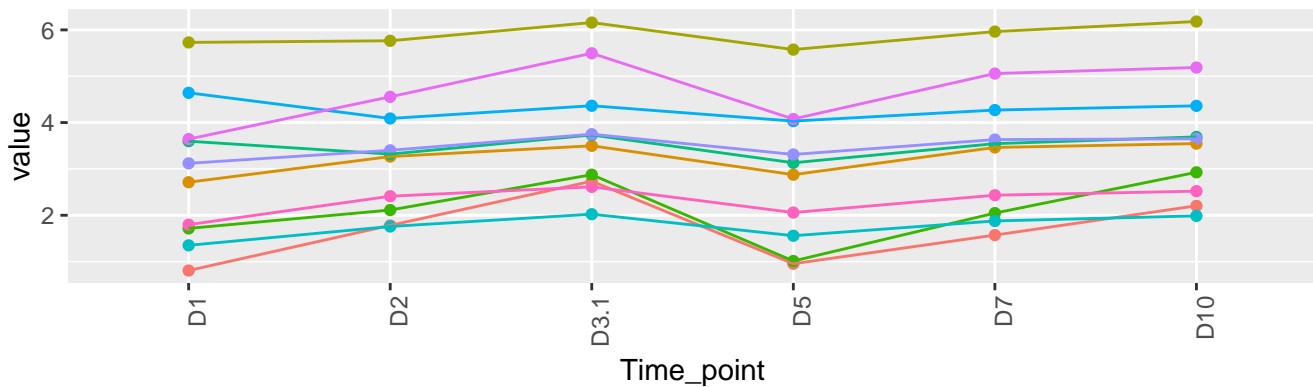
9 genes – KO-cluster-45-original



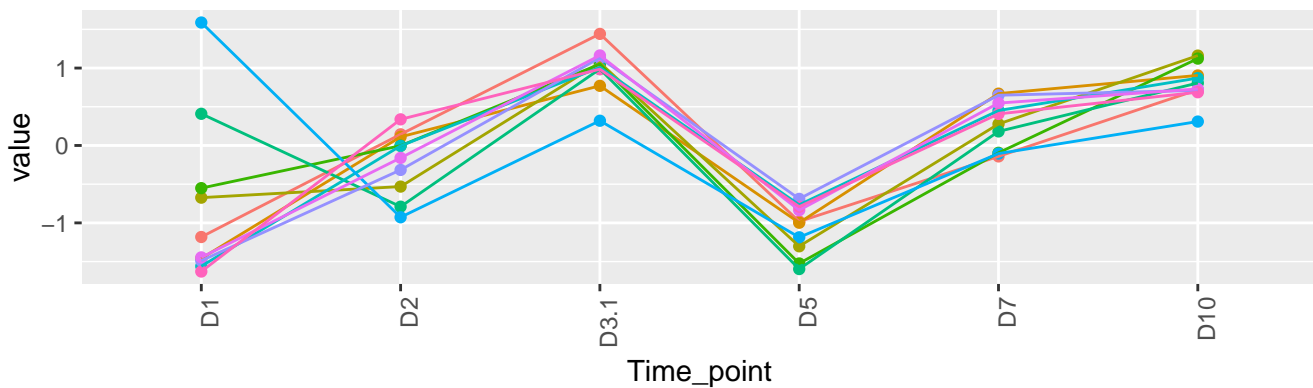
9 genes – KO-cluster-45-standardized



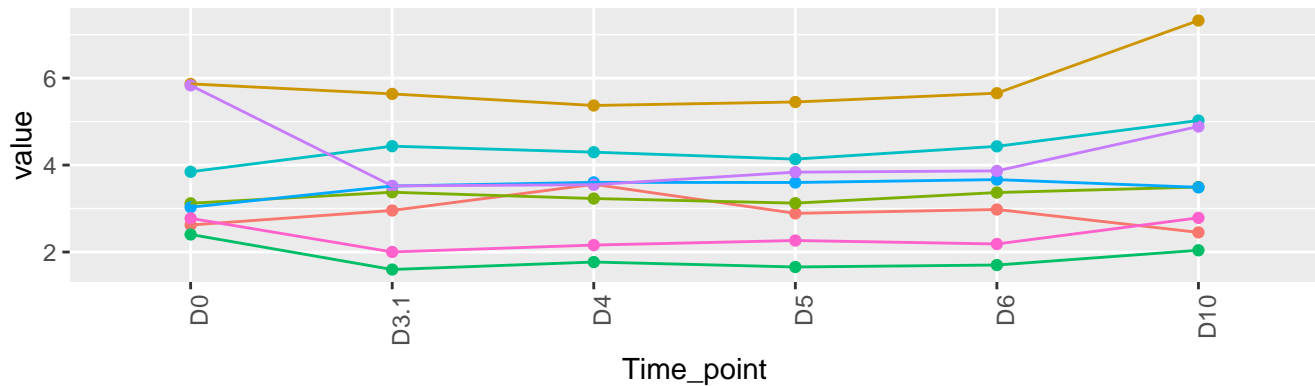
10 genes – WT-cluster-44-original



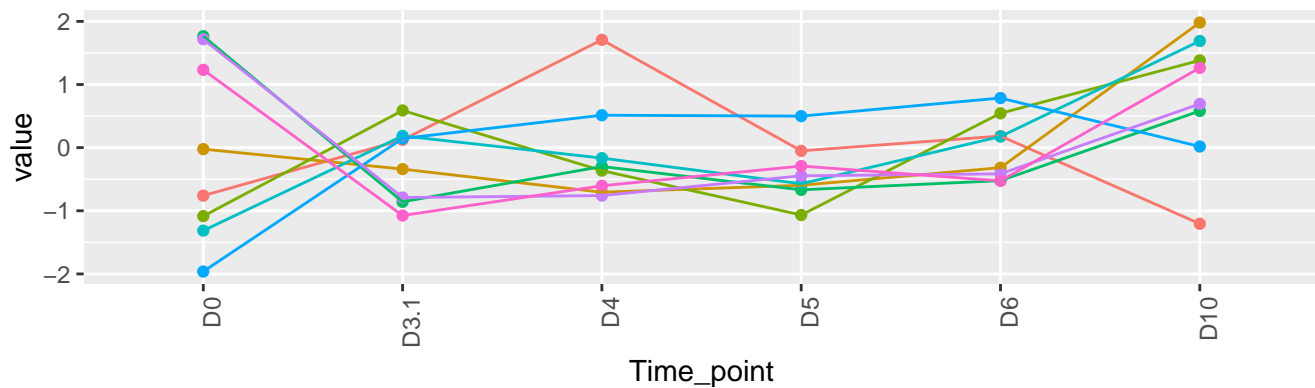
10 genes – WT-cluster-44-standardized



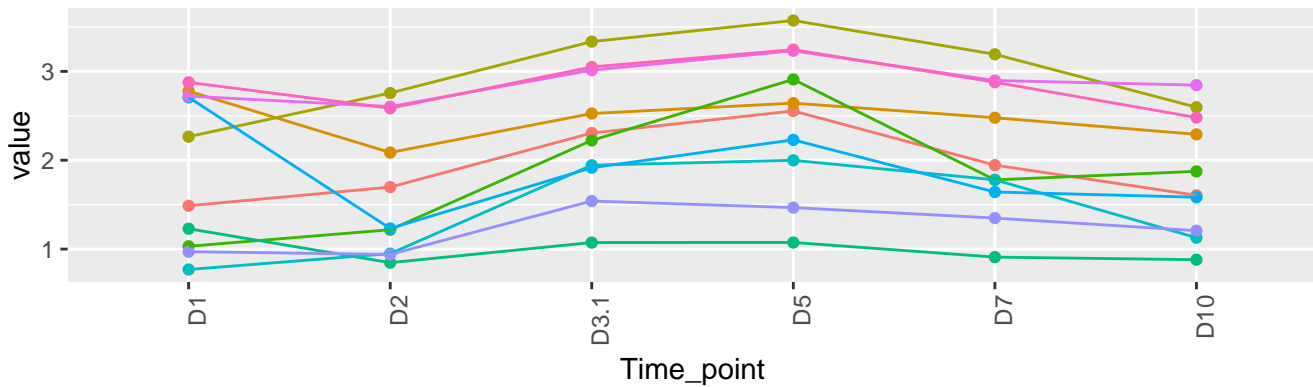
8 genes – KO-cluster-44-original



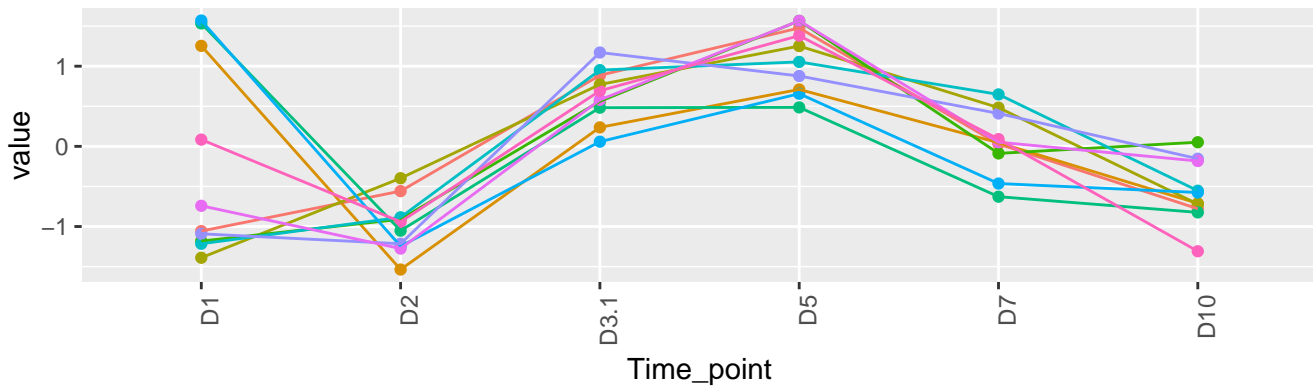
8 genes – KO-cluster-44-standardized



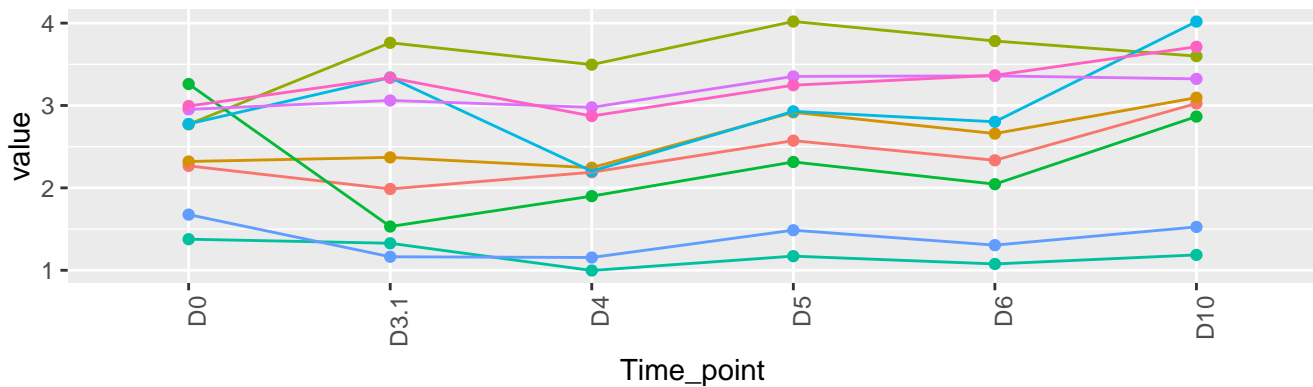
10 genes – WT-cluster-43-original



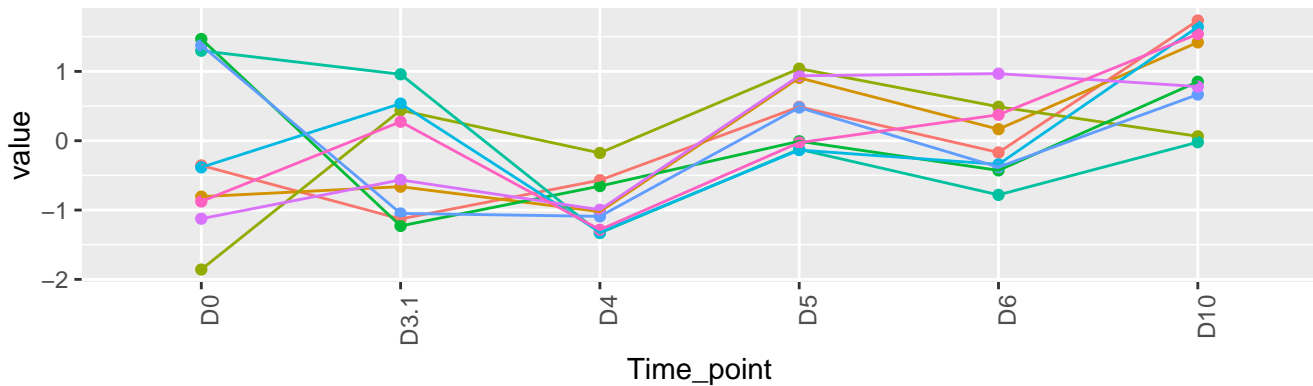
10 genes – WT-cluster-43-standardized



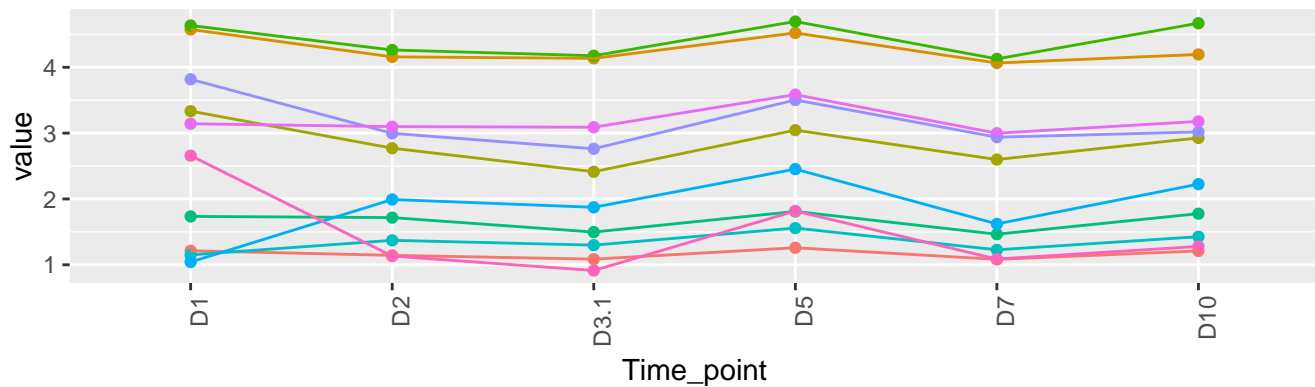
9 genes – KO-cluster-43-original



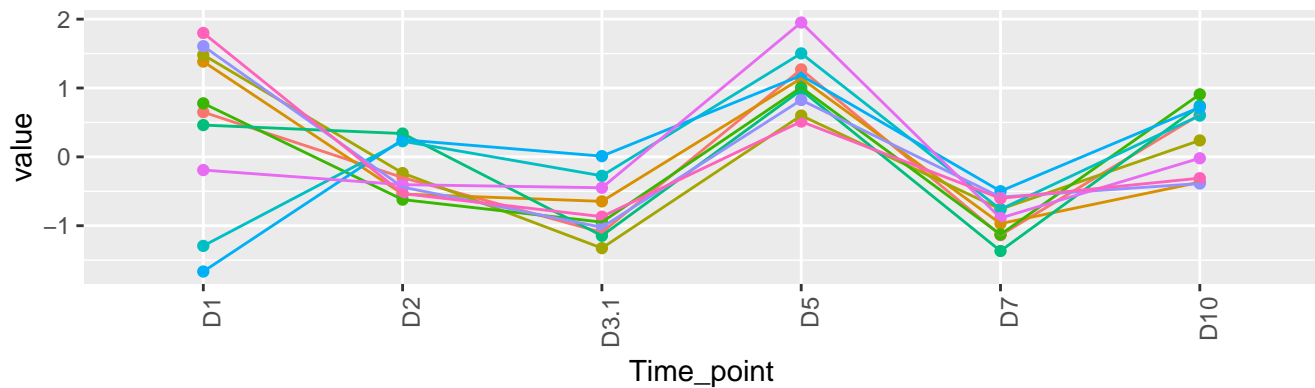
9 genes – KO-cluster-43-standardized



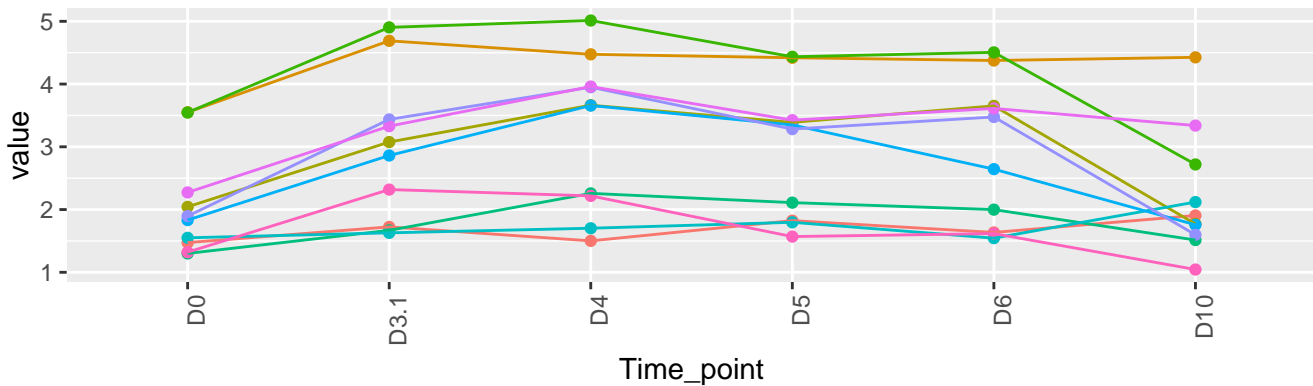
10 genes – WT-cluster-42-original



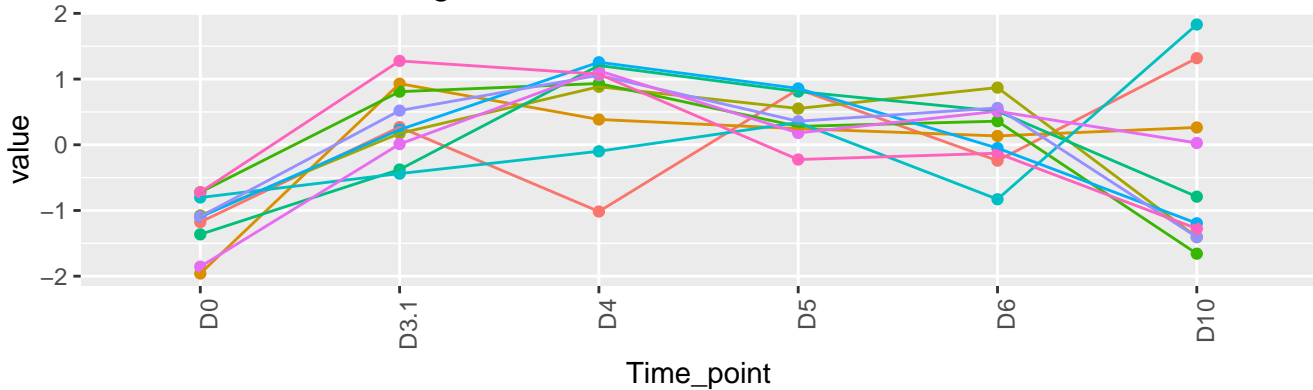
10 genes – WT-cluster-42-standardized



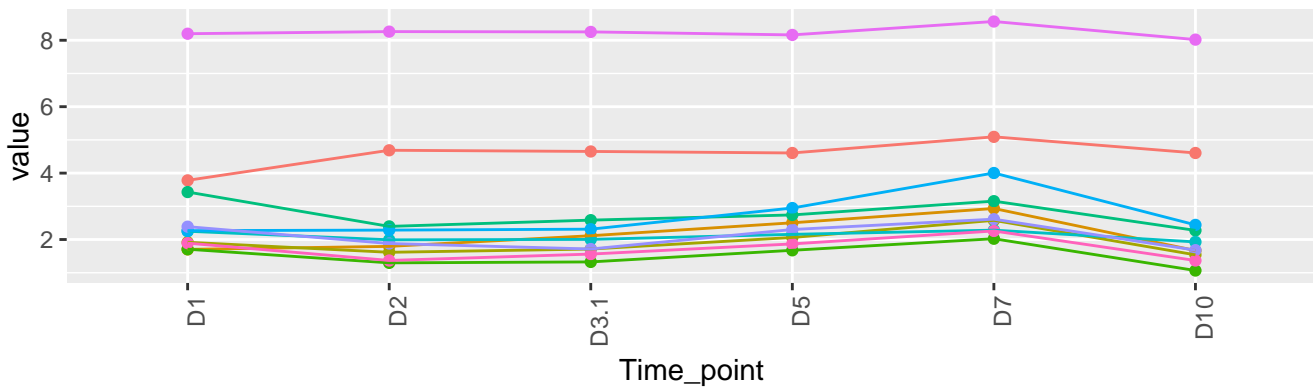
10 genes – KO-cluster-42-original



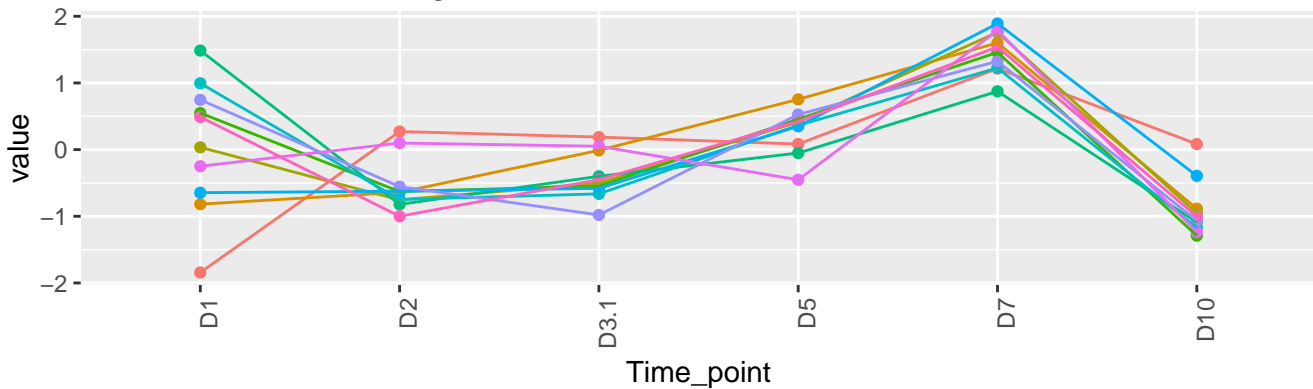
10 genes – KO-cluster-42-standardized



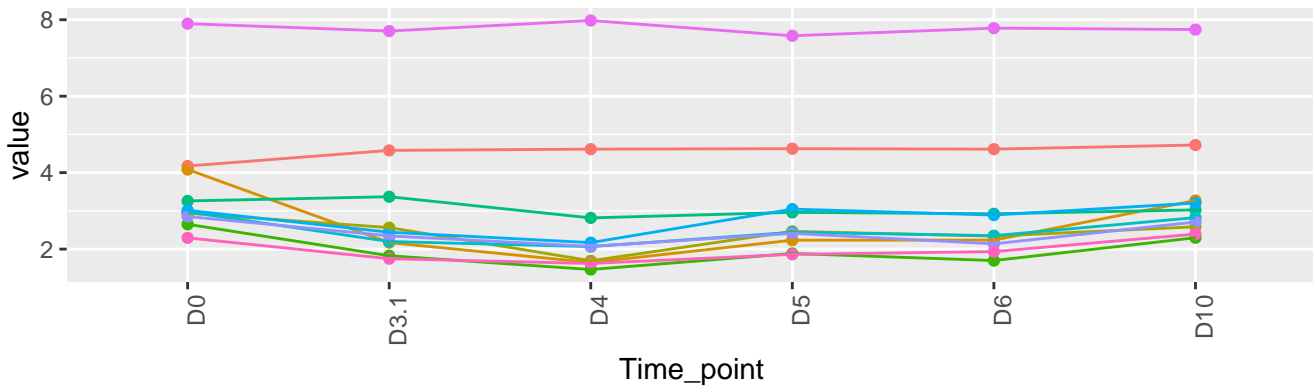
10 genes – WT-cluster-41-original



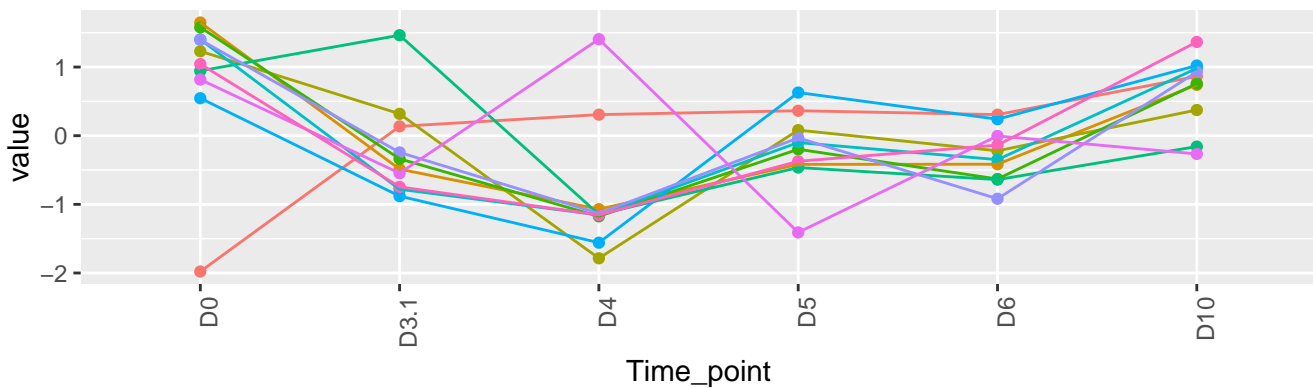
10 genes – WT-cluster-41-standardized



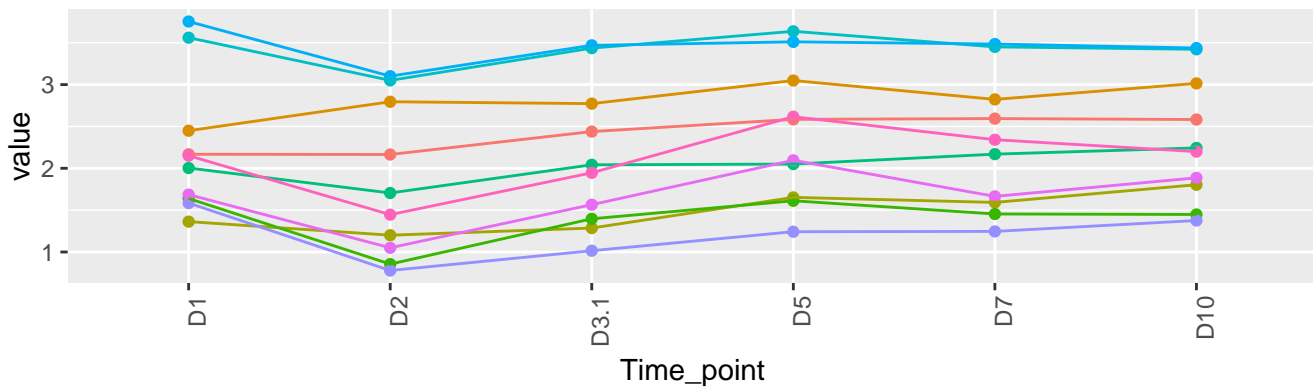
10 genes – KO-cluster-41-original



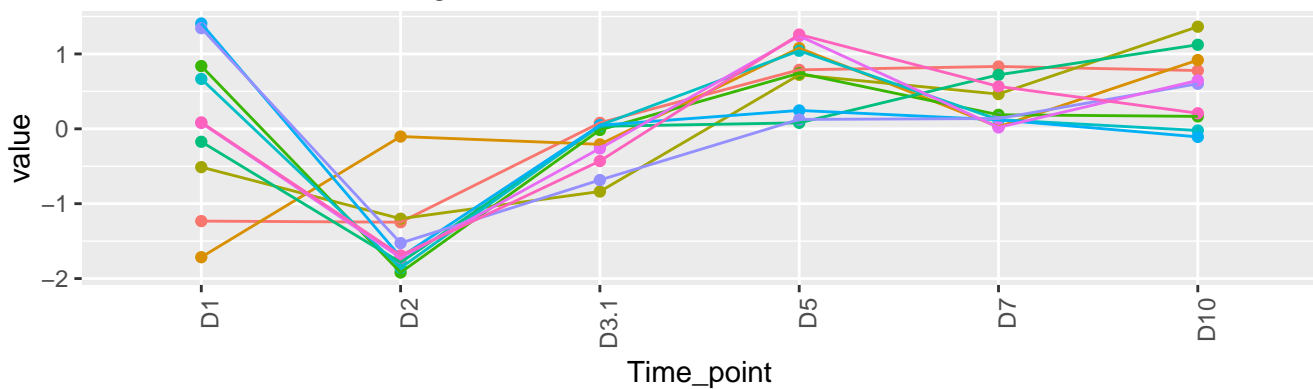
10 genes – KO-cluster-41-standardized



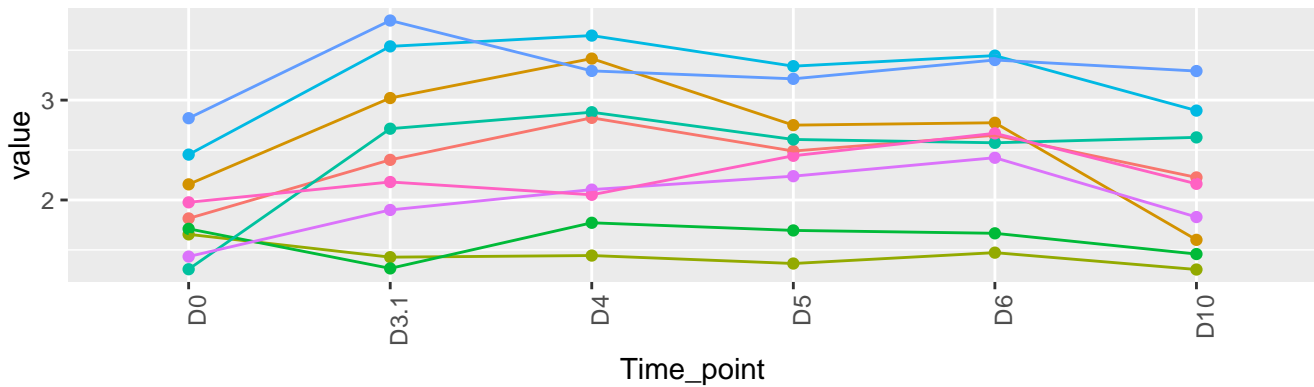
10 genes – WT-cluster-40-original



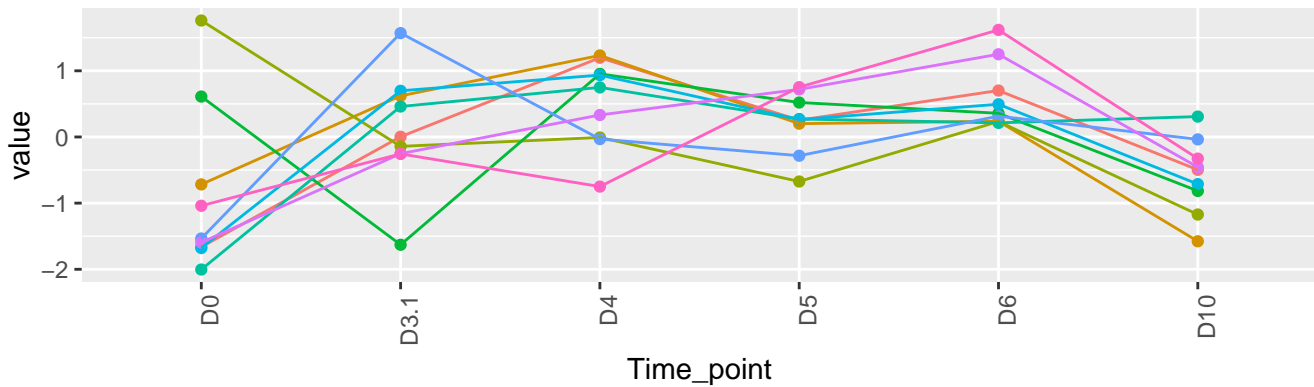
10 genes – WT-cluster-40-standardized



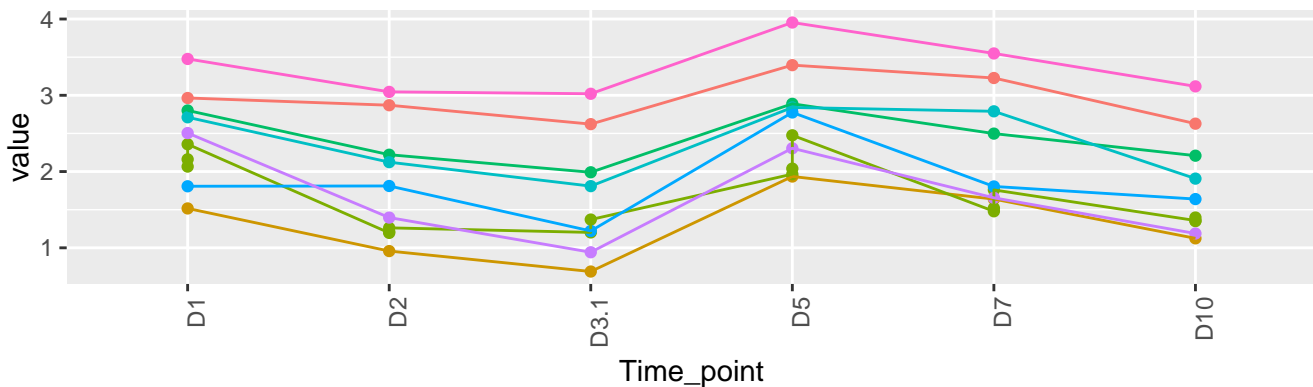
9 genes – KO-cluster-40-original



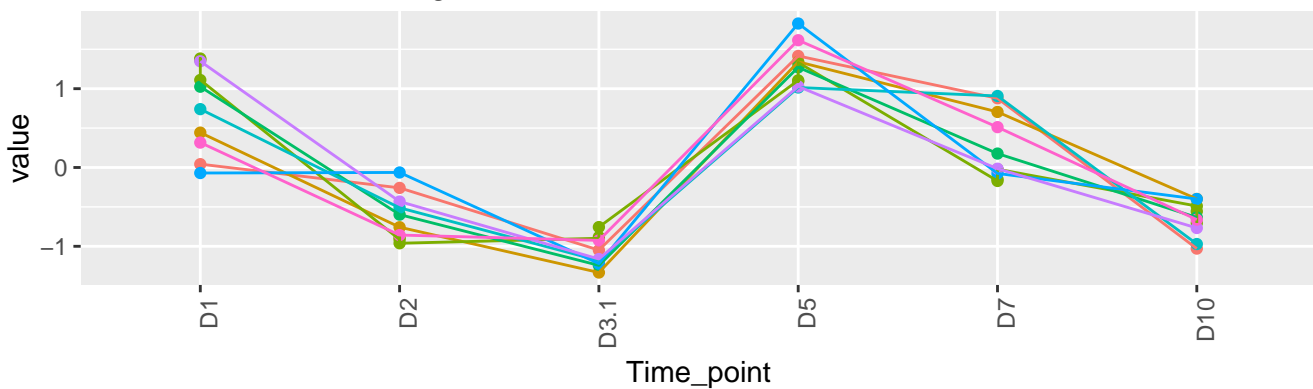
9 genes – KO-cluster-40-standardized



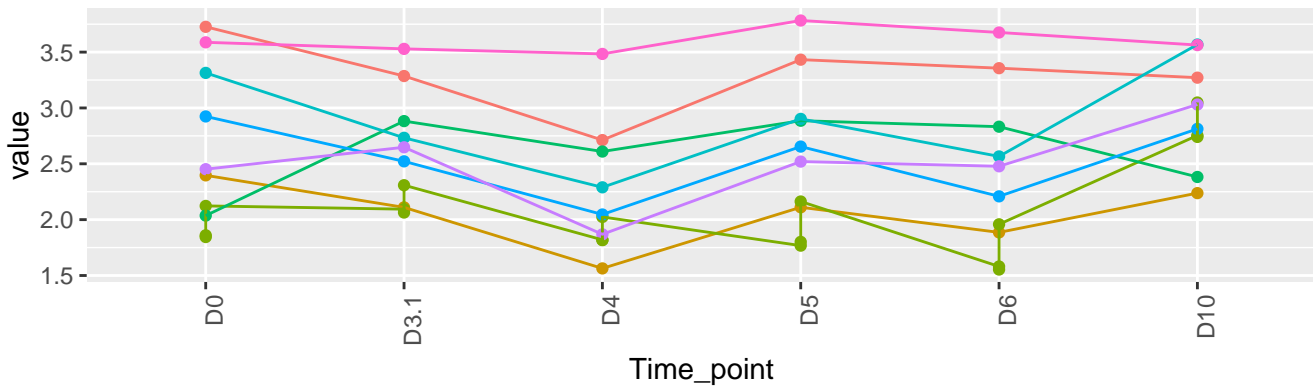
10 genes – WT-cluster-39-original



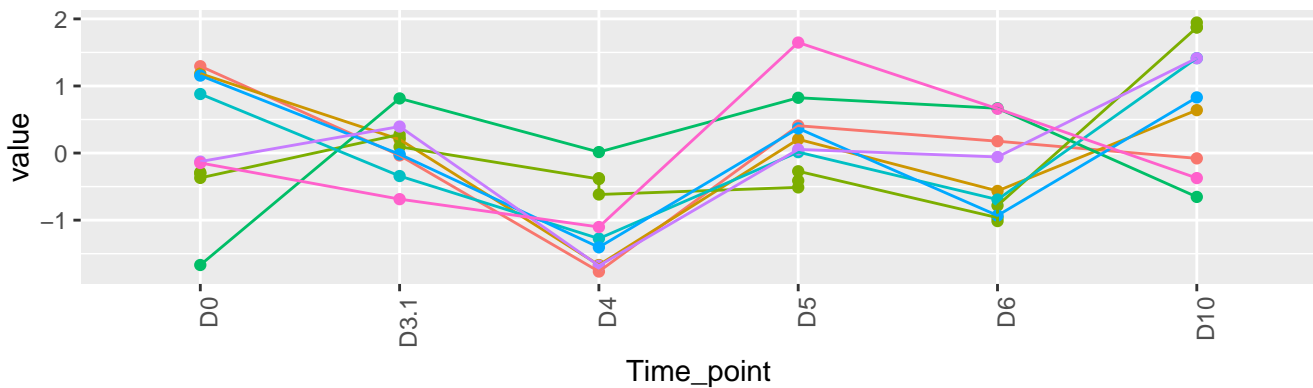
10 genes – WT-cluster-39-standardized



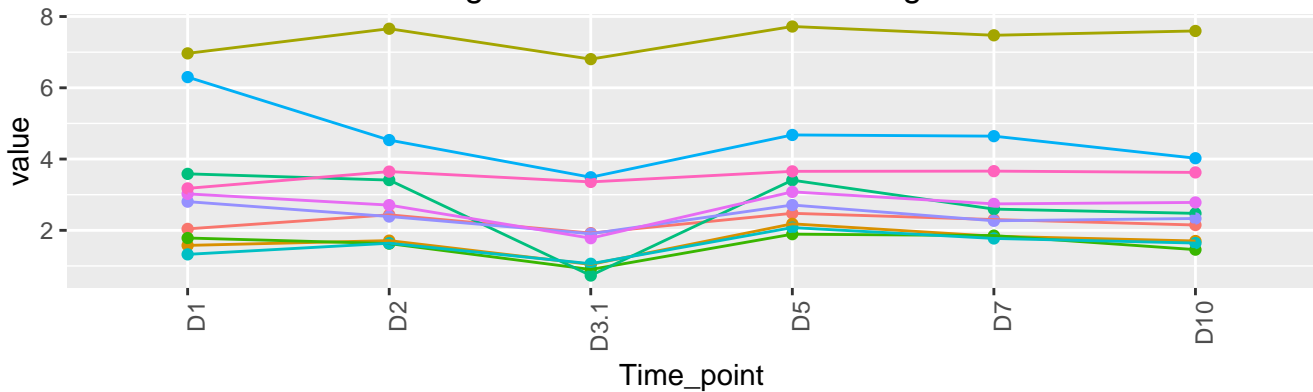
10 genes – KO-cluster-39-original



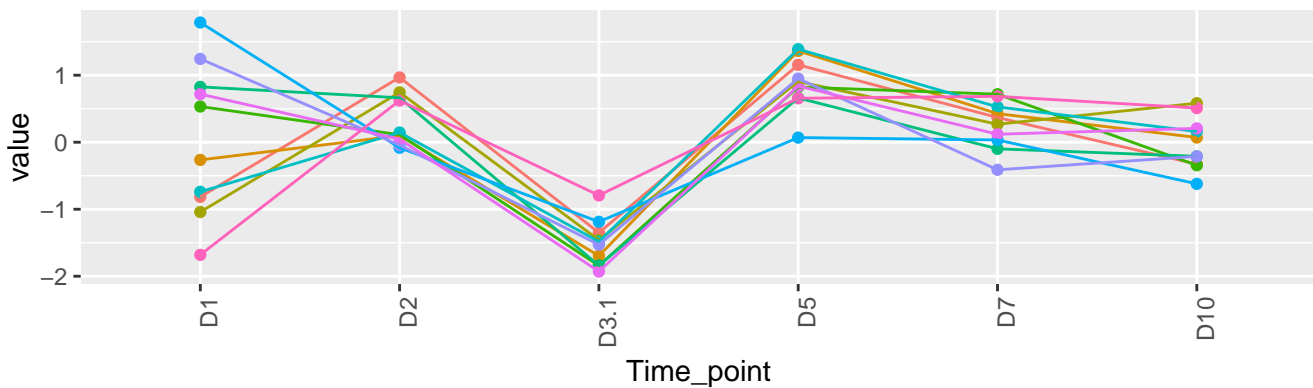
10 genes – KO-cluster-39-standardized



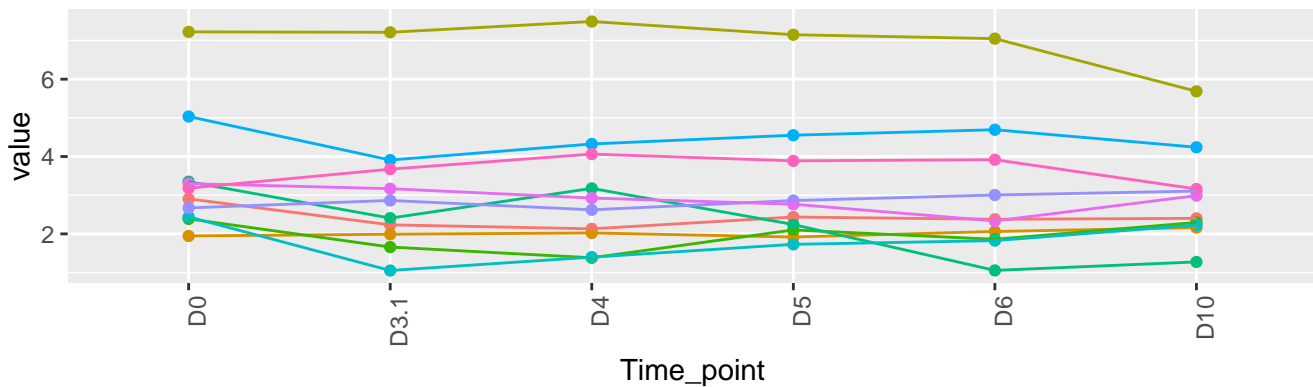
10 genes – WT-cluster-38-original



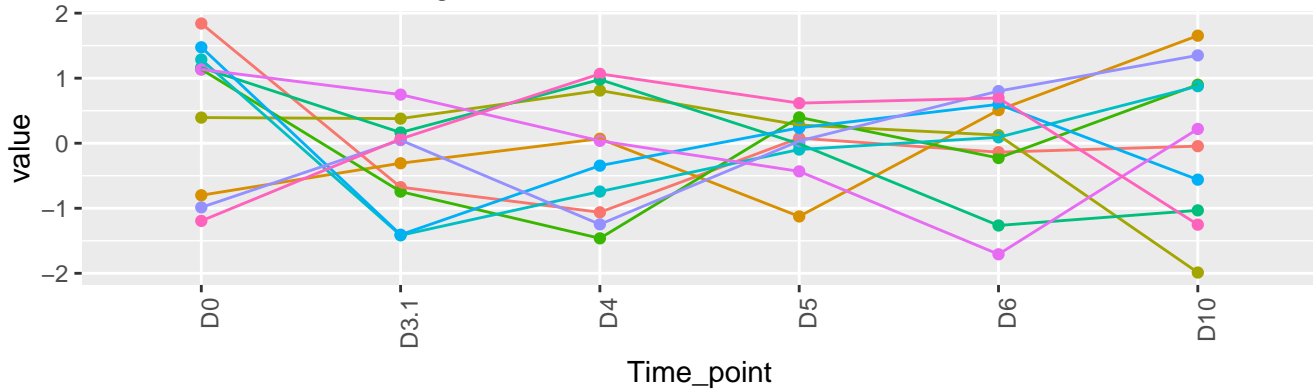
10 genes – WT-cluster-38-standardized



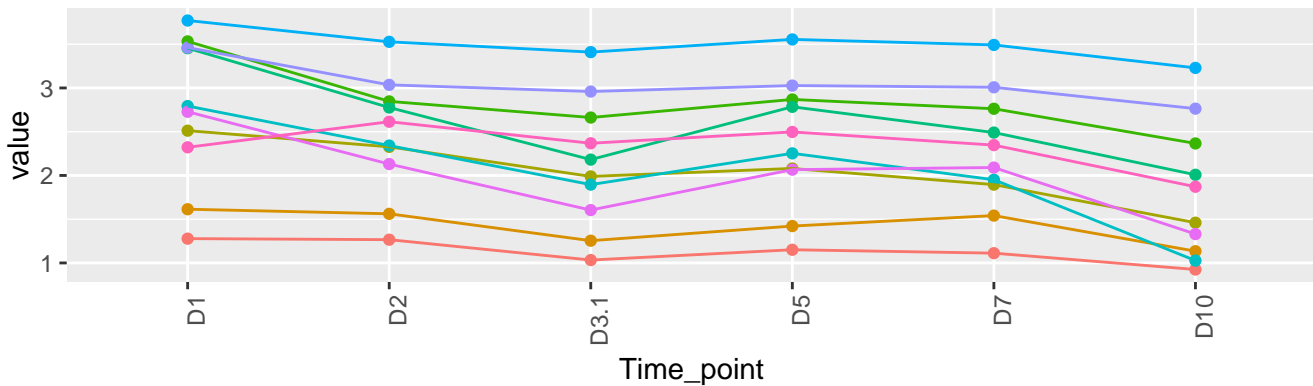
10 genes – KO-cluster-38-original



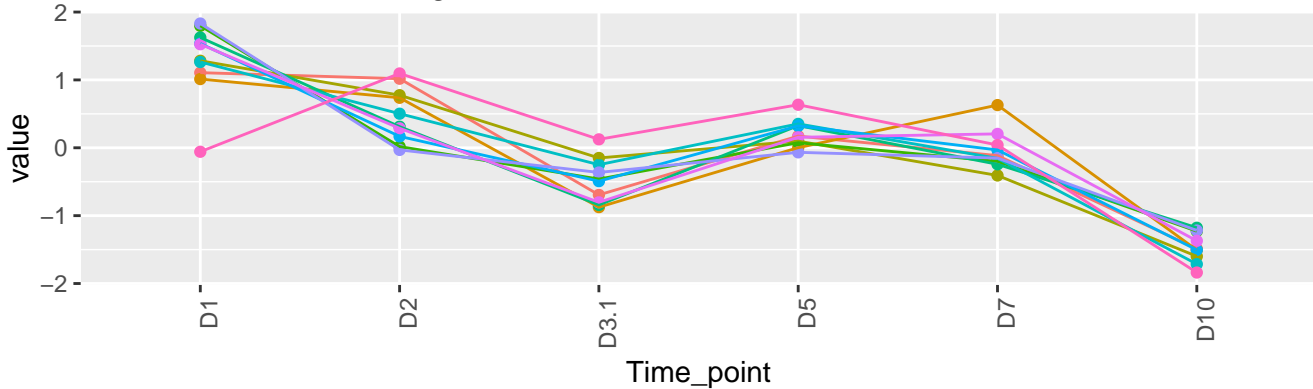
10 genes – KO-cluster-38-standardized



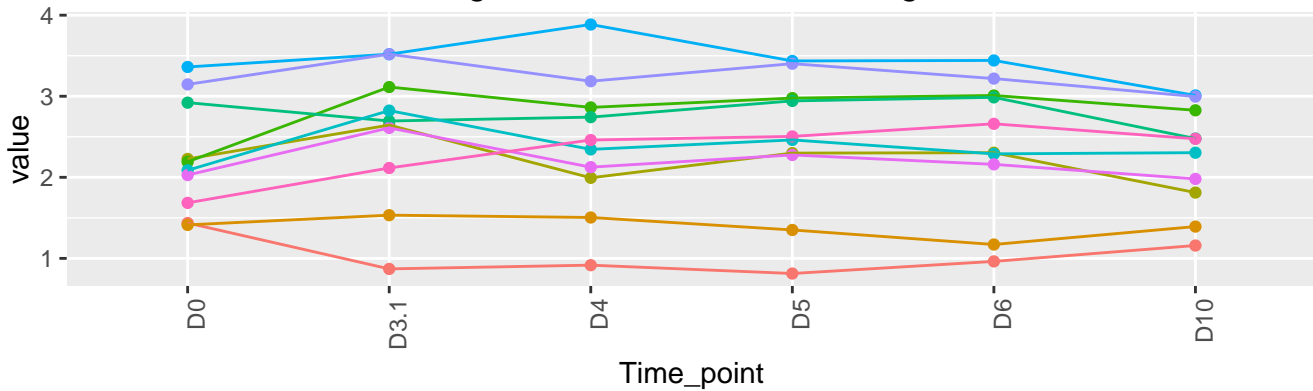
10 genes – WT-cluster-37-original



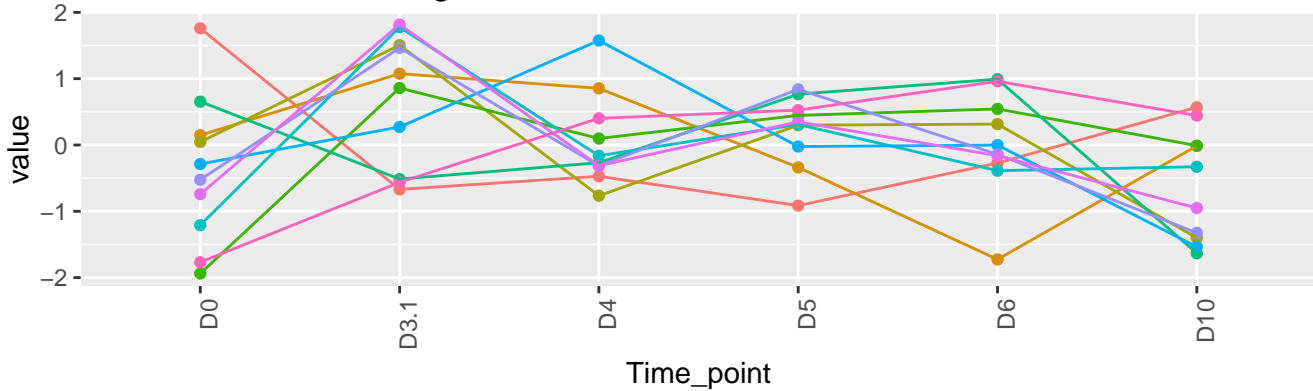
10 genes – WT-cluster-37-standardized



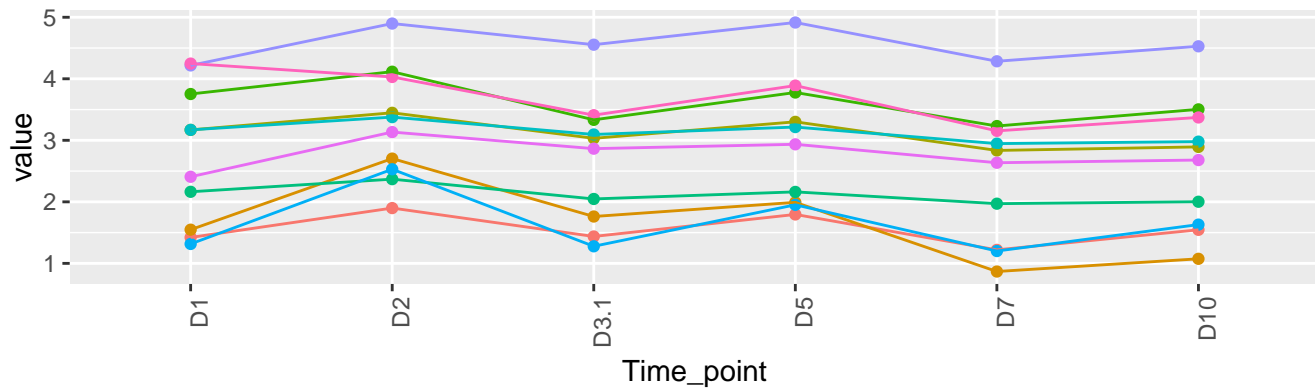
10 genes – KO-cluster-37-original



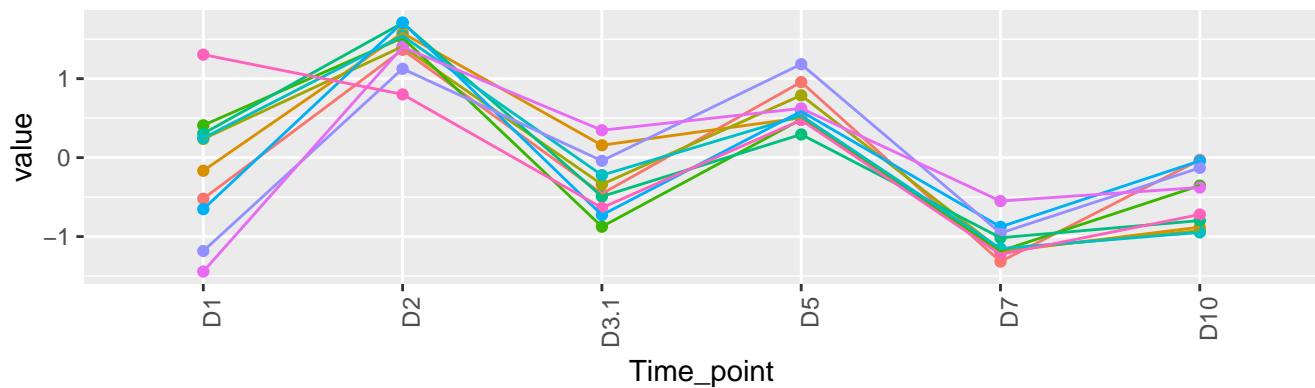
10 genes – KO-cluster-37-standardized



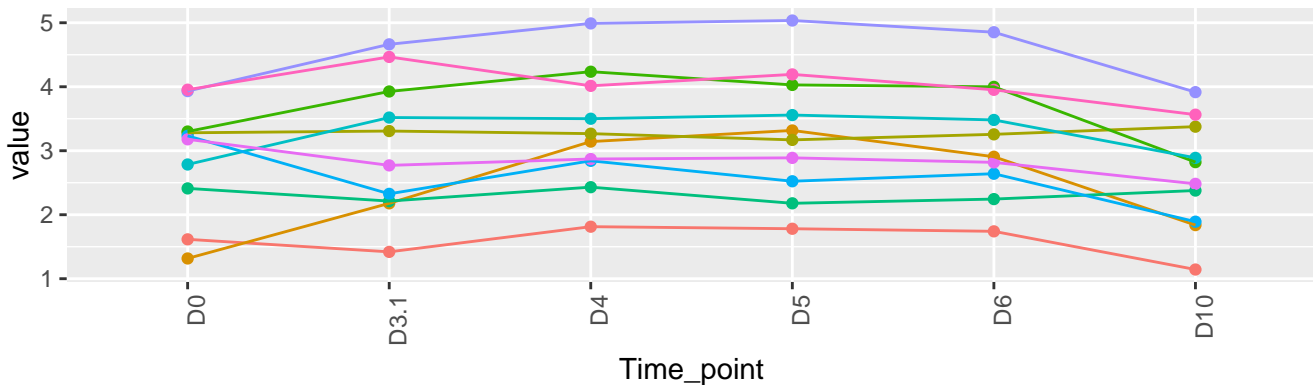
10 genes – WT-cluster-36-original



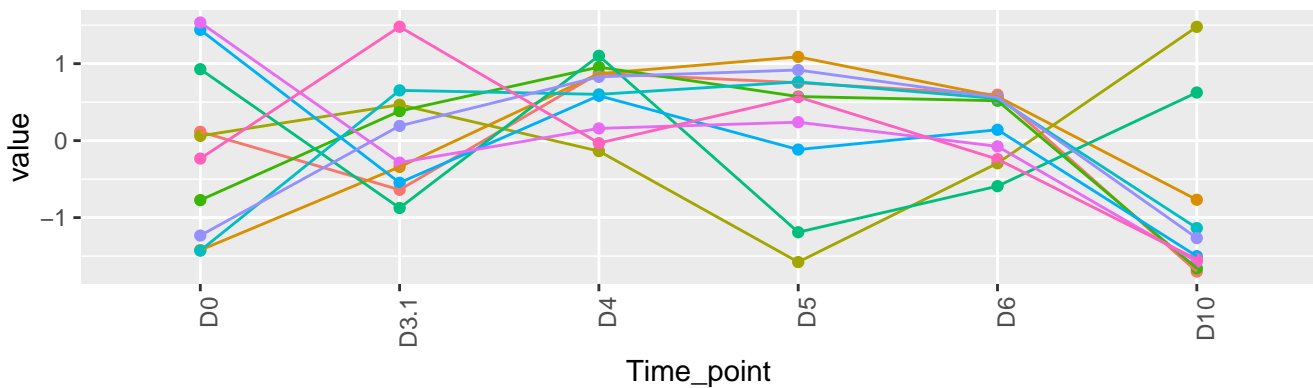
10 genes – WT-cluster-36-standardized



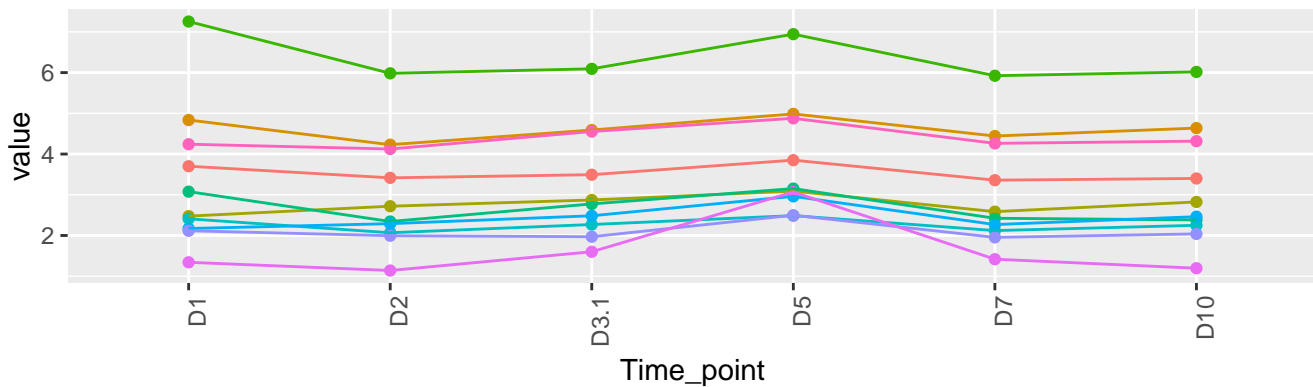
10 genes – KO-cluster-36-original



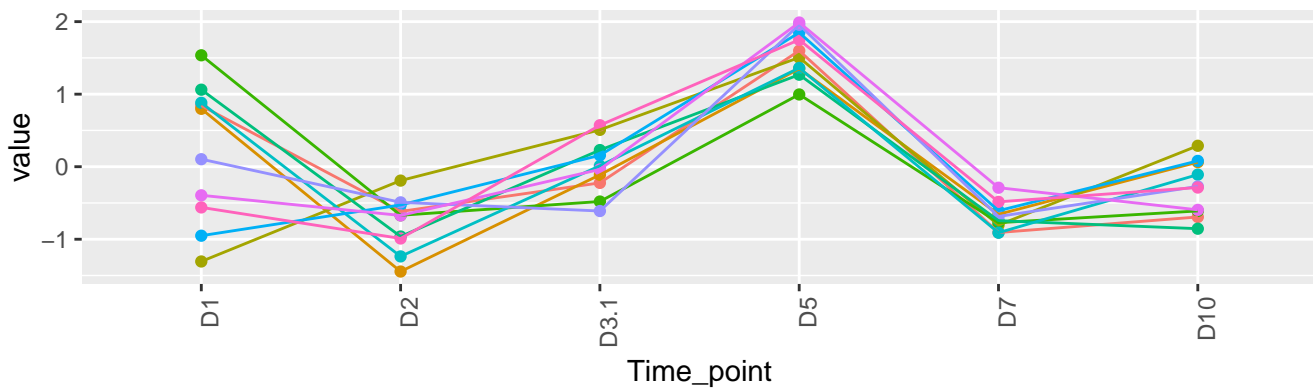
10 genes – KO-cluster-36-standardized



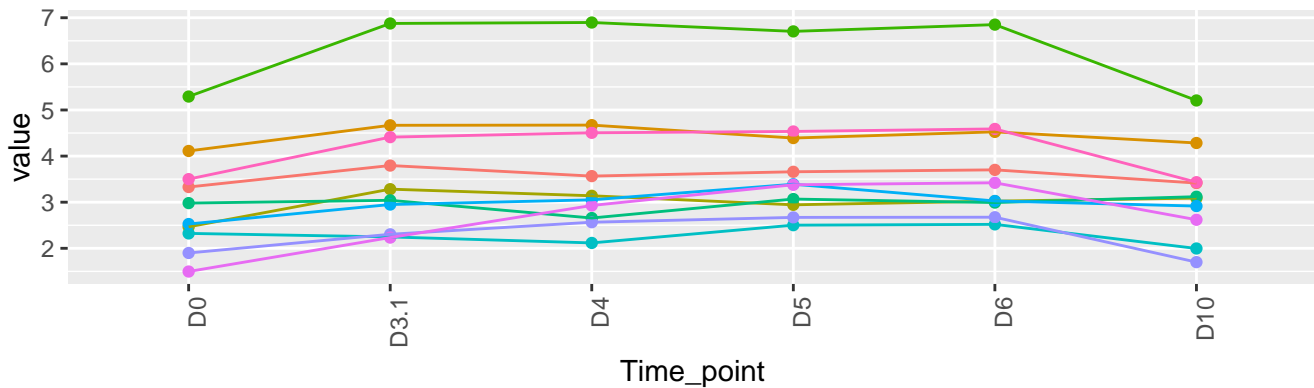
10 genes – WT-cluster-35-original



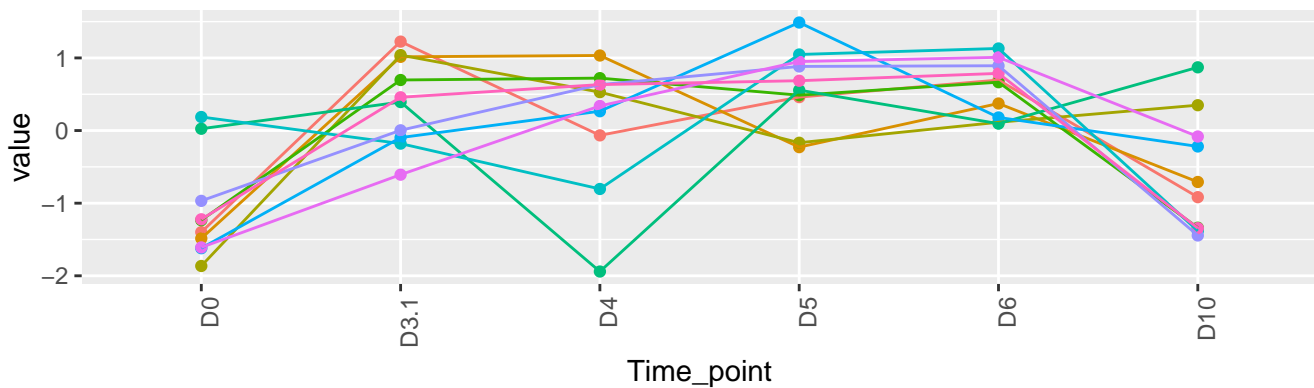
10 genes – WT-cluster-35-standardized



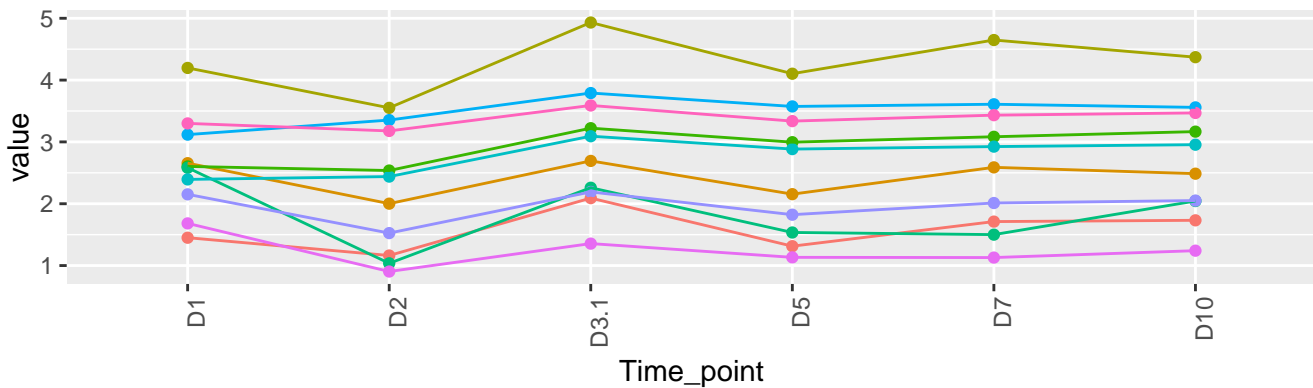
10 genes – KO-cluster-35-original



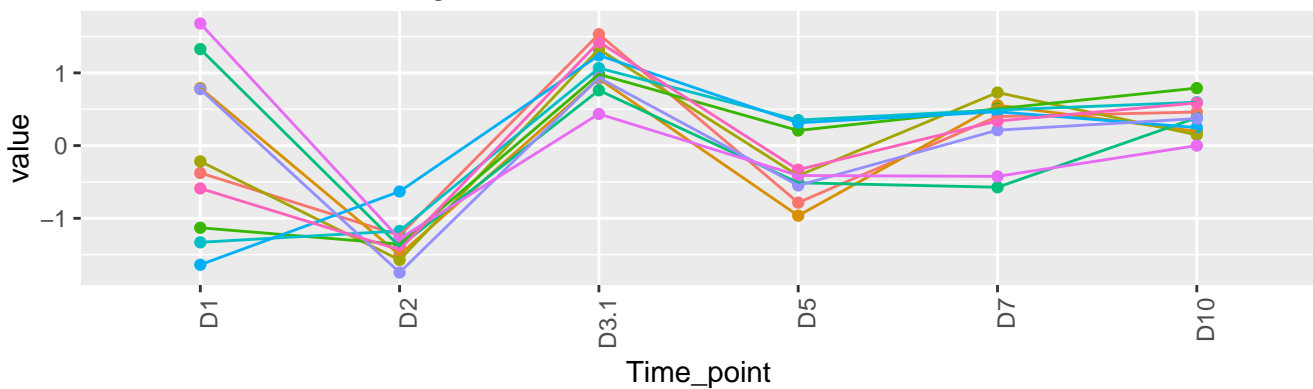
10 genes – KO-cluster-35-standardized



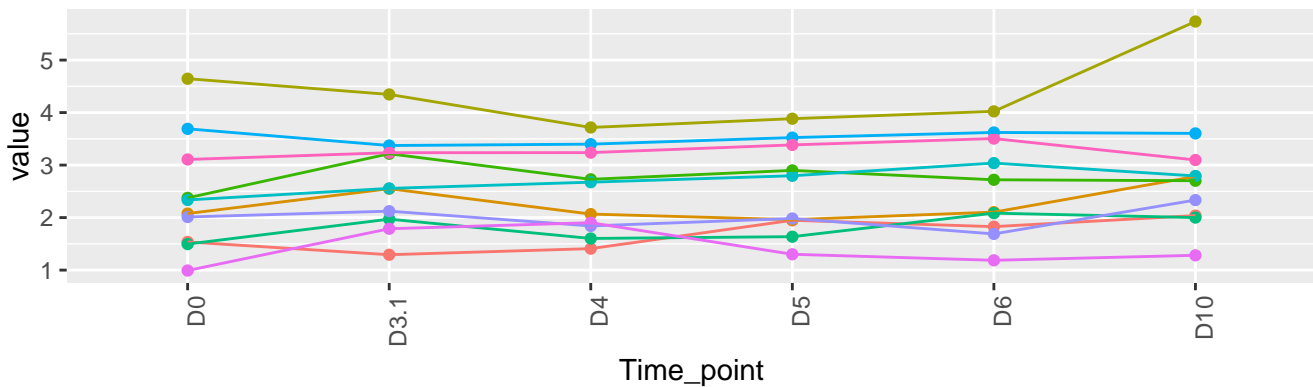
10 genes – WT-cluster-34-original



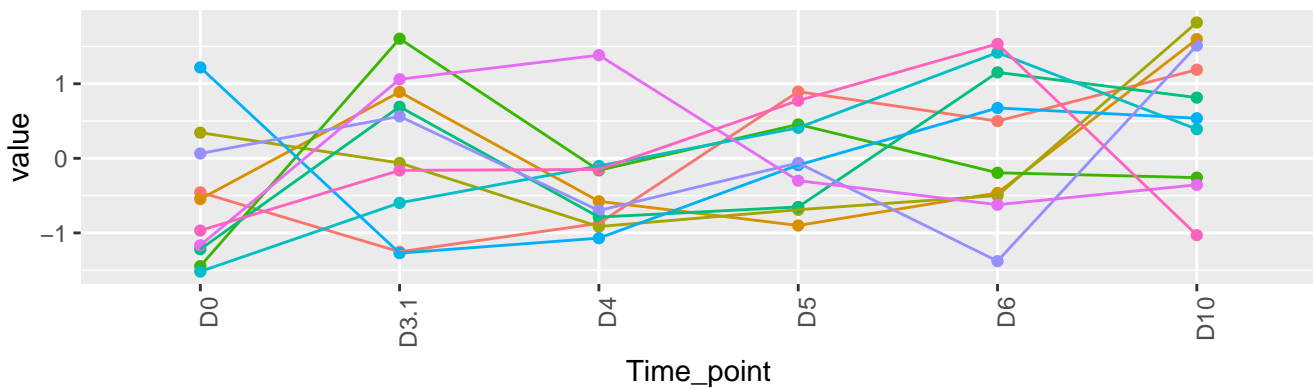
10 genes – WT-cluster-34-standardized



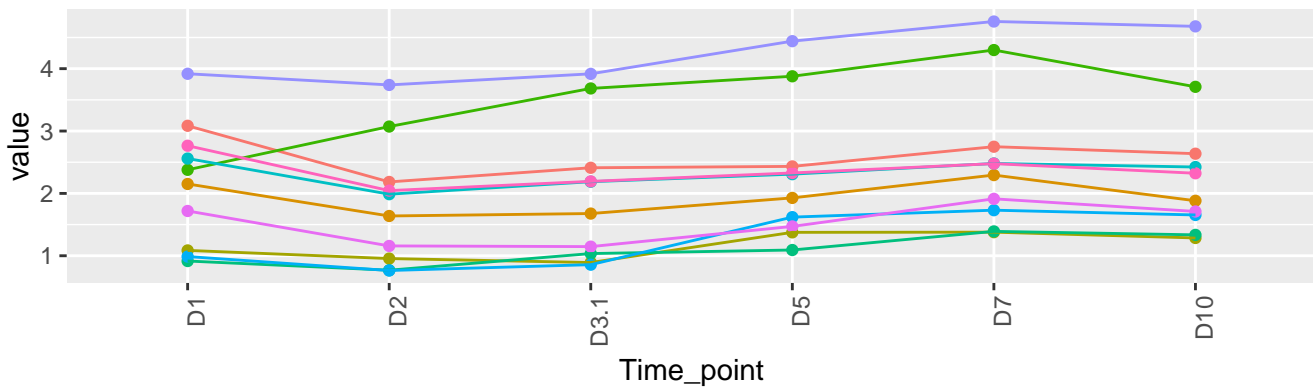
10 genes – KO-cluster-34-original



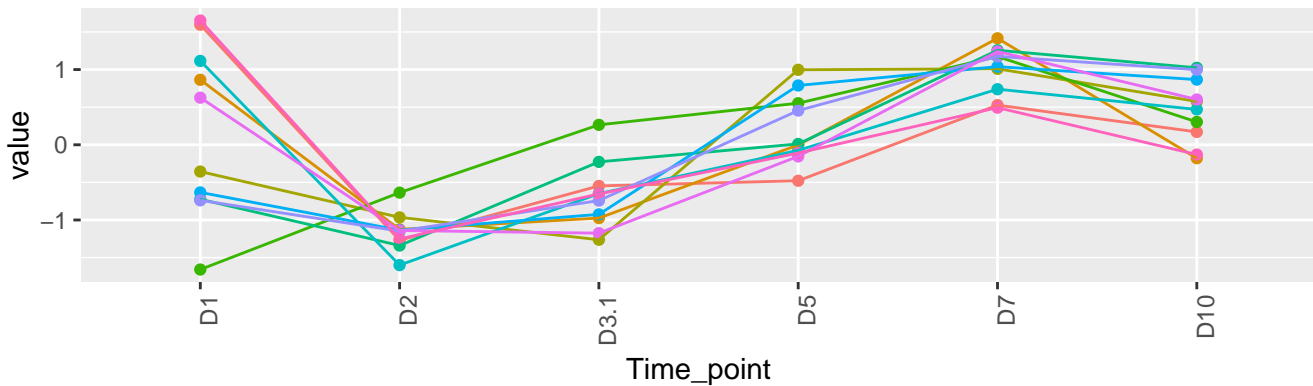
10 genes – KO-cluster-34-standardized



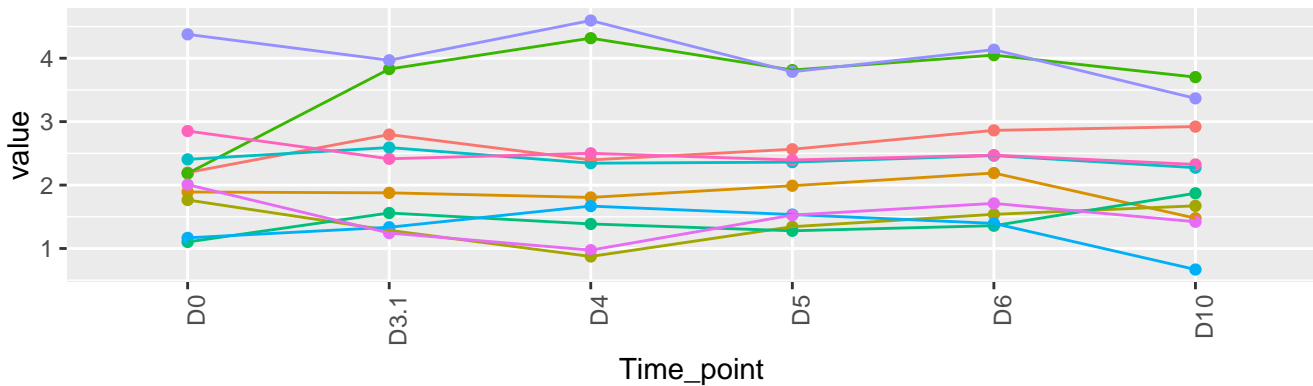
10 genes – WT-cluster-33-original



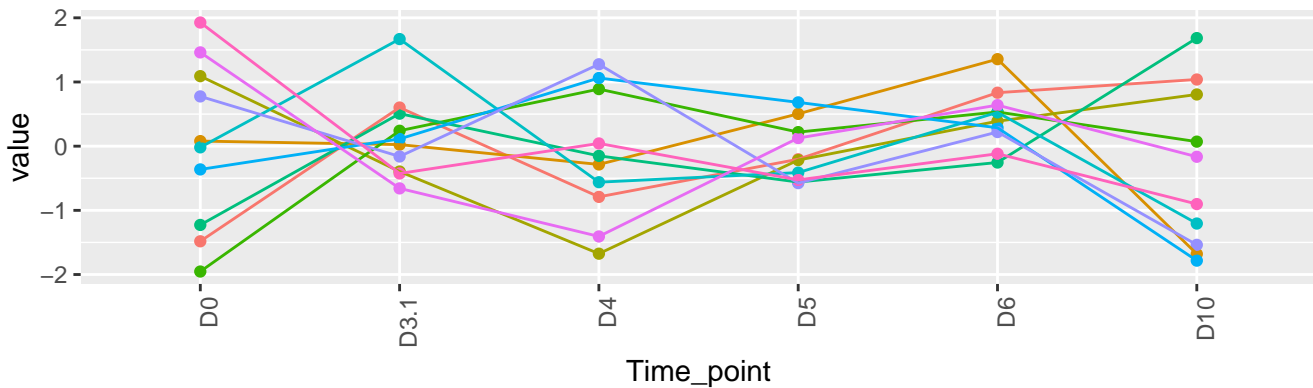
10 genes – WT-cluster-33-standardized



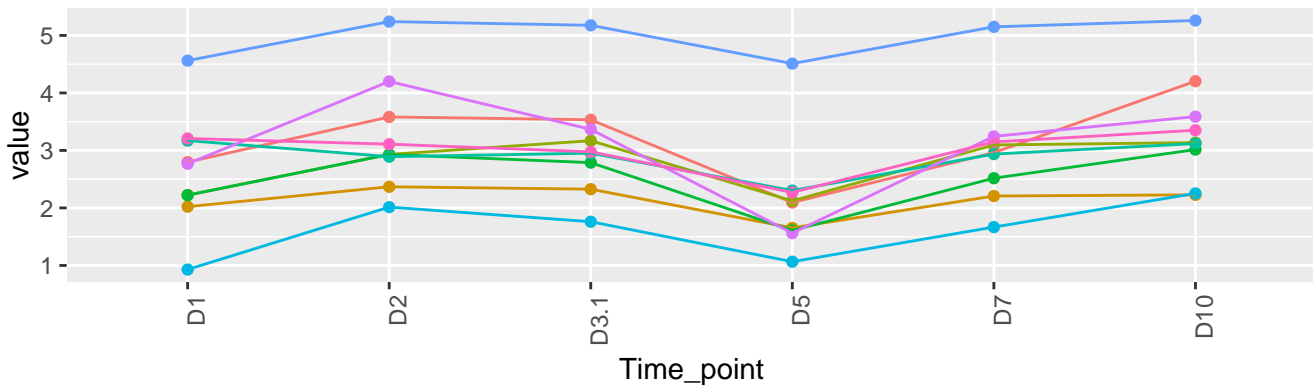
10 genes – KO-cluster-33-original



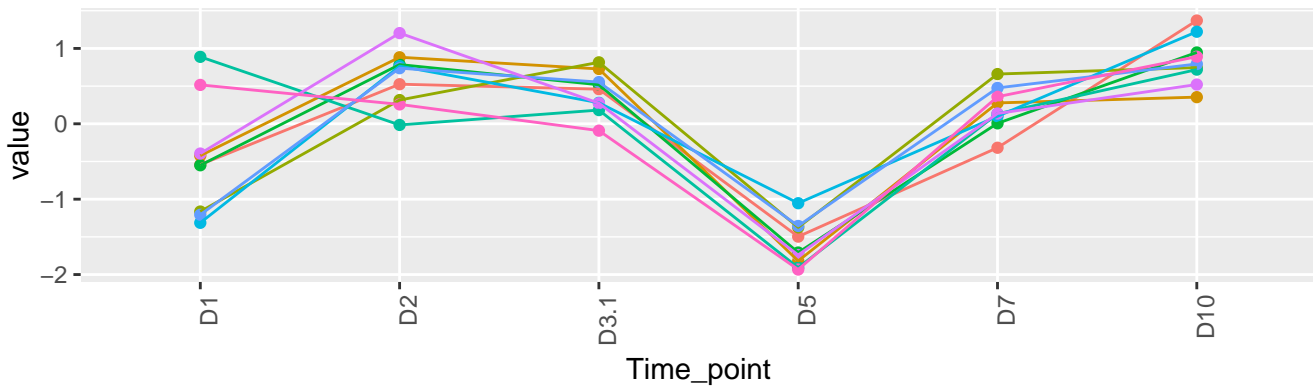
10 genes – KO-cluster-33-standardized



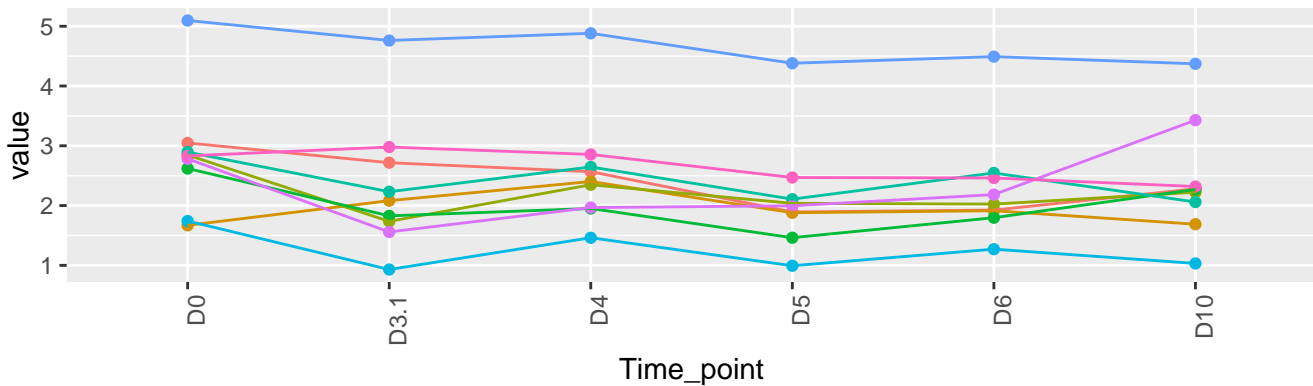
9 genes – WT-cluster-32-original



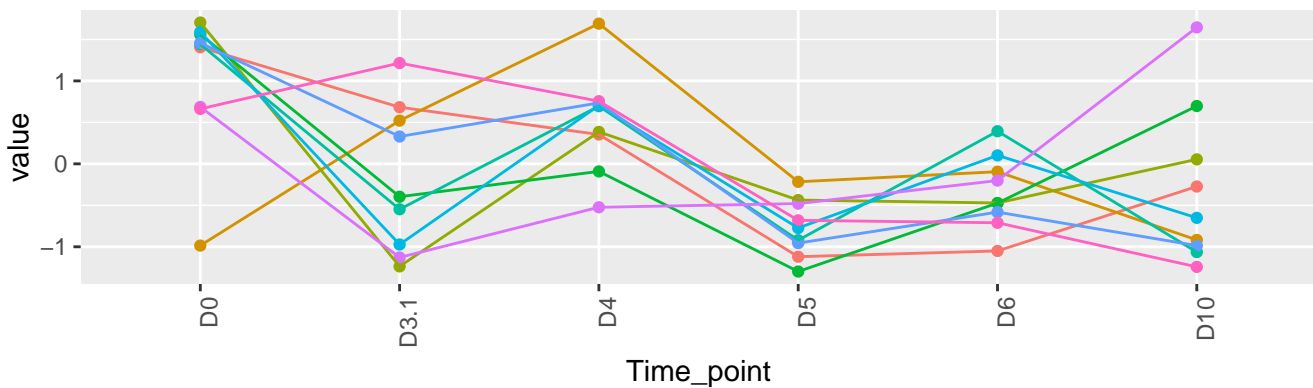
9 genes – WT-cluster-32-standardized



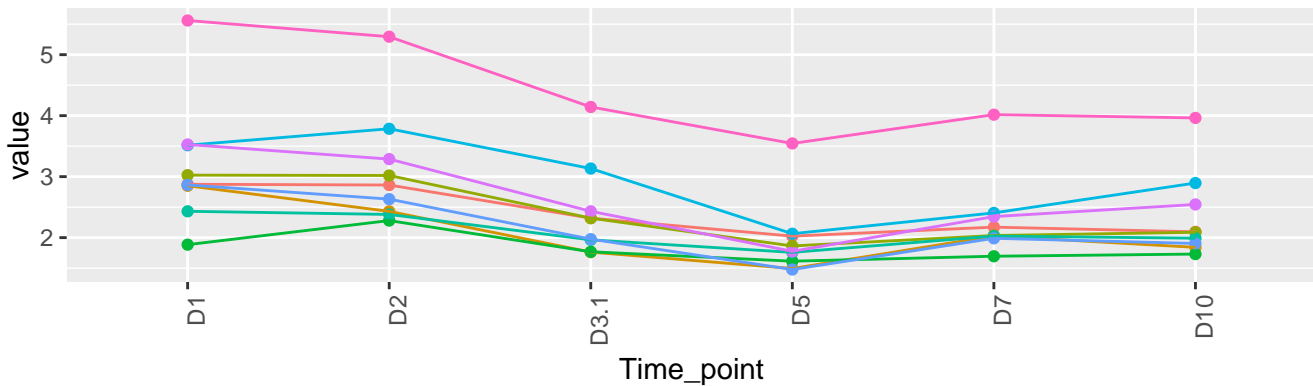
9 genes – KO-cluster-32-original



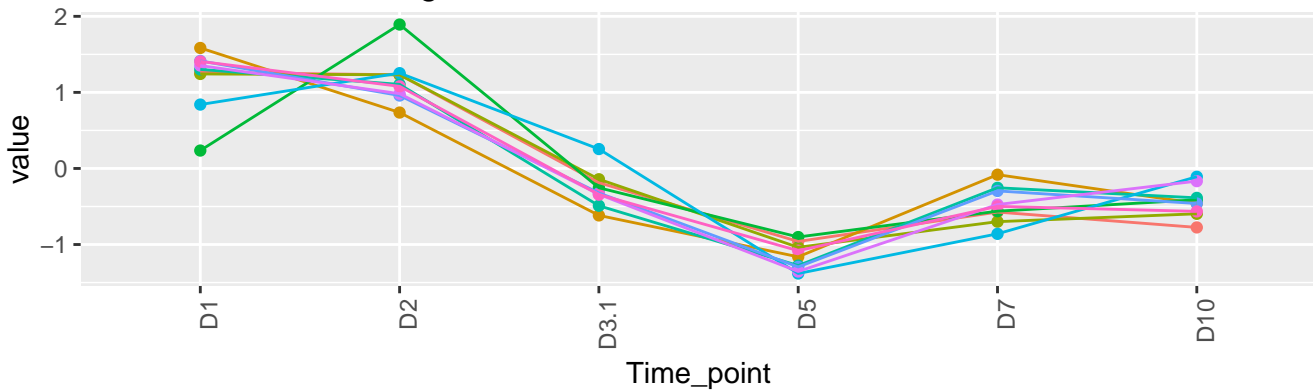
9 genes – KO-cluster-32-standardized



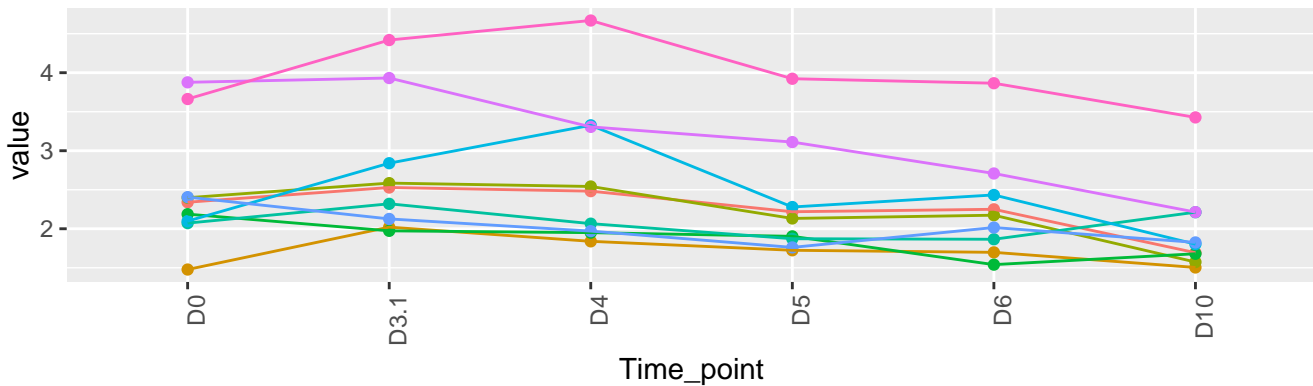
9 genes – WT-cluster-31-original



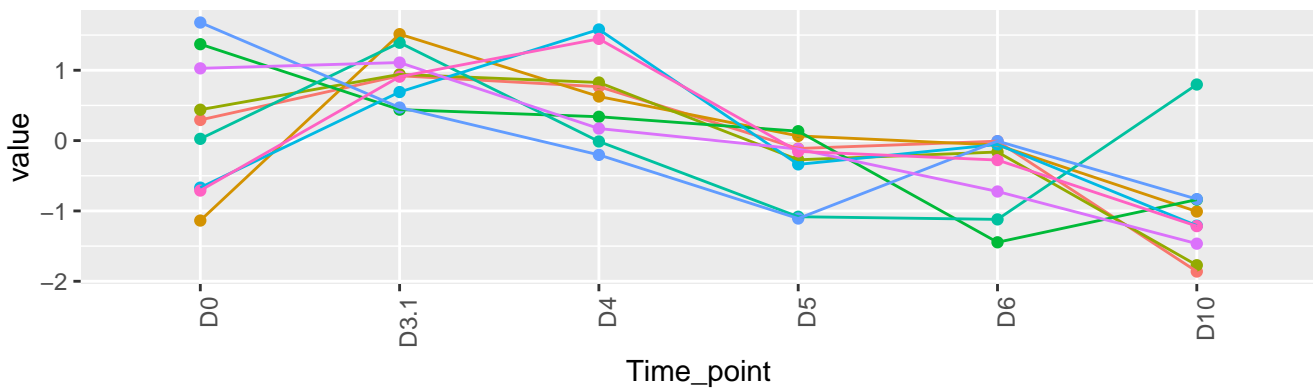
9 genes – WT-cluster-31-standardized



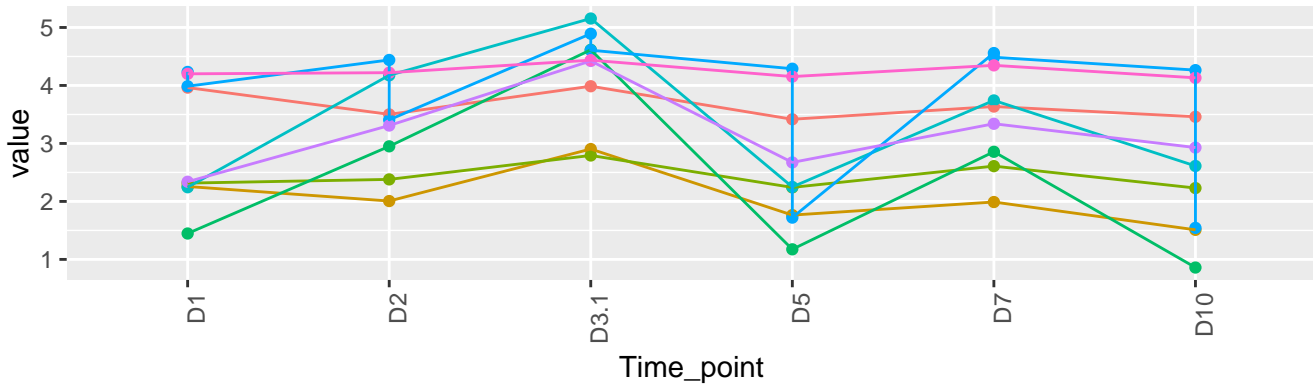
9 genes – KO-cluster-31-original



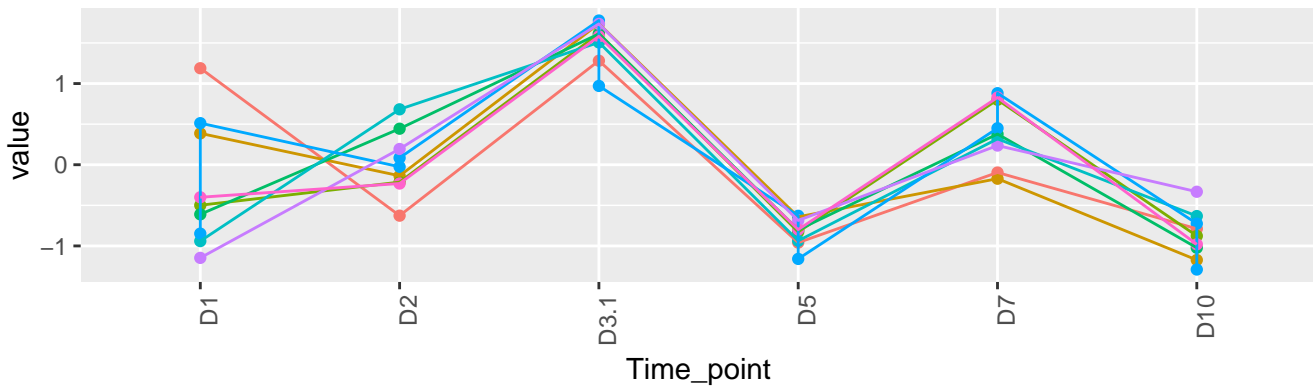
9 genes – KO-cluster-31-standardized



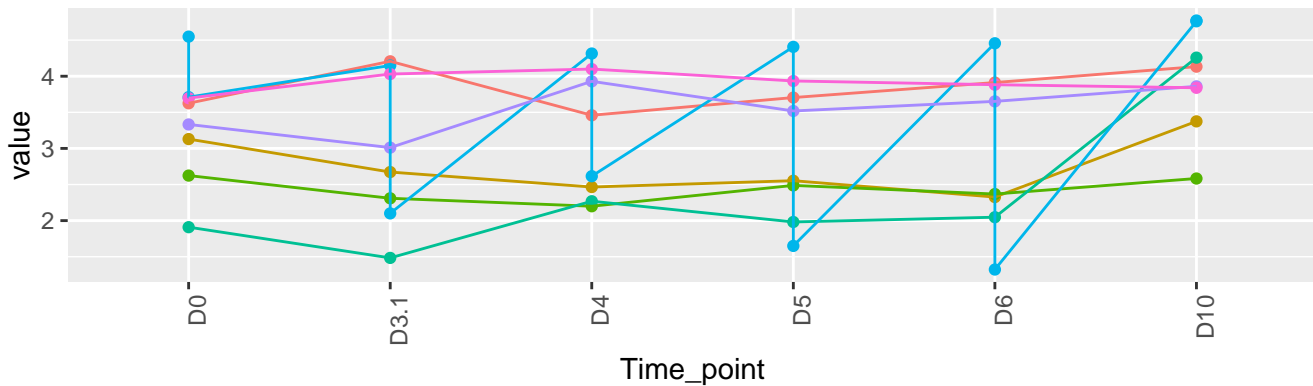
9 genes – WT-cluster-30-original



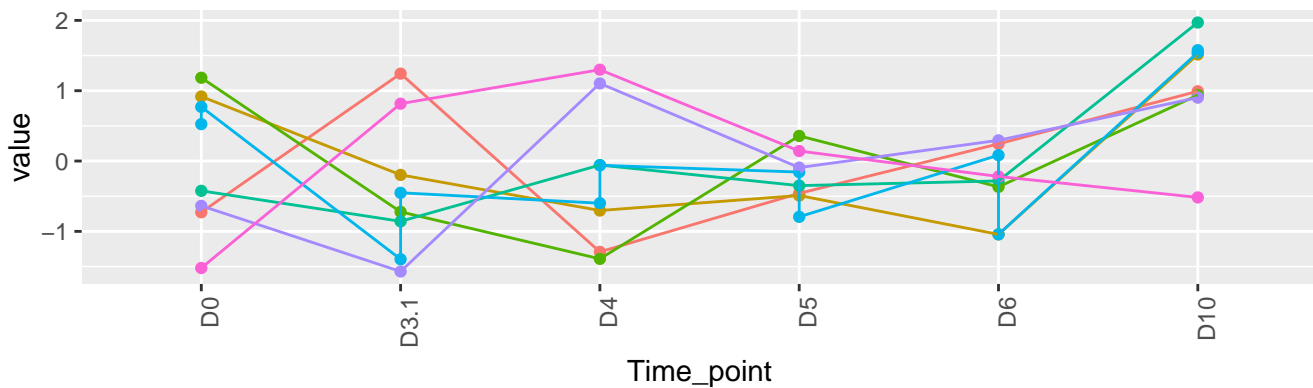
9 genes – WT-cluster-30-standardized



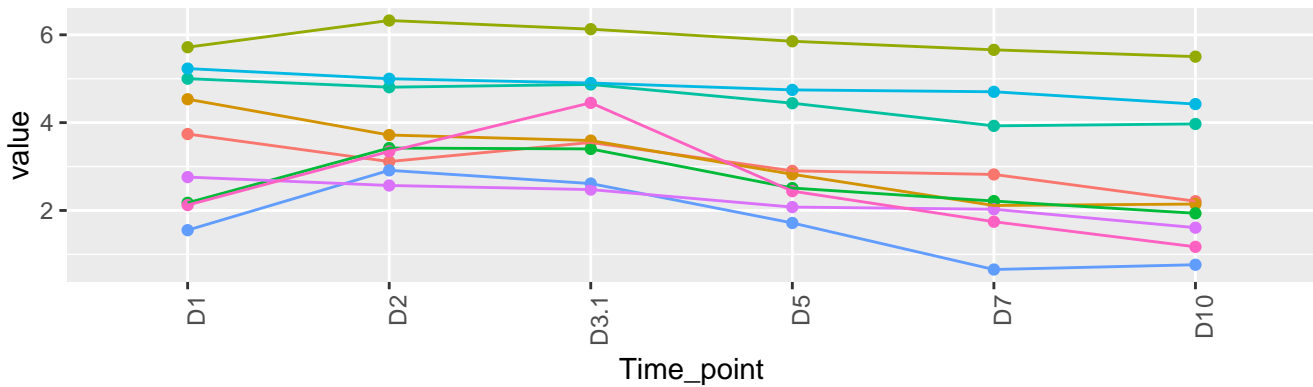
8 genes – KO-cluster-30-original



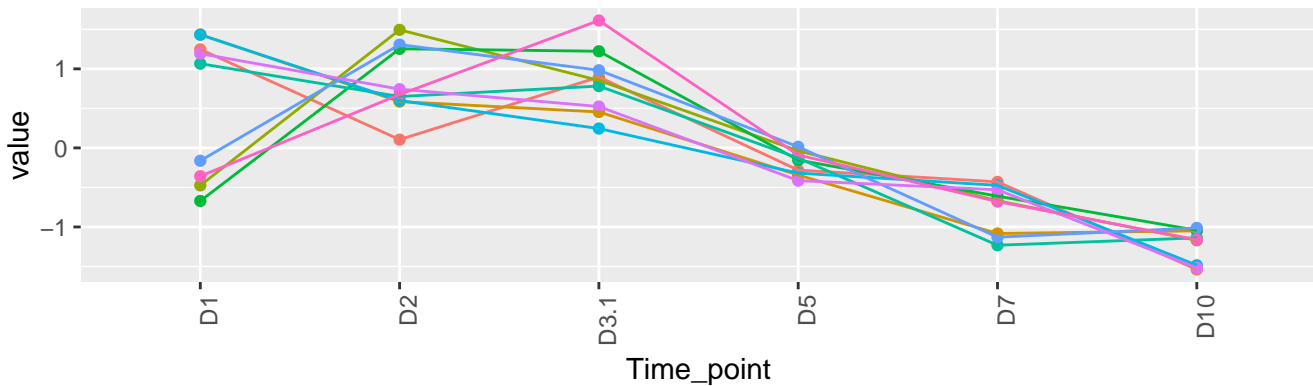
8 genes – KO-cluster-30-standardized



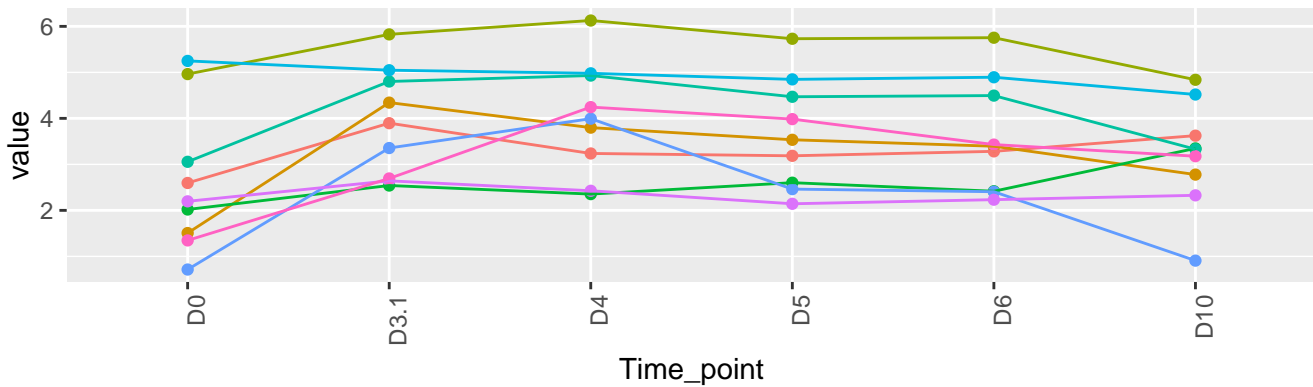
9 genes – WT-cluster-29-original



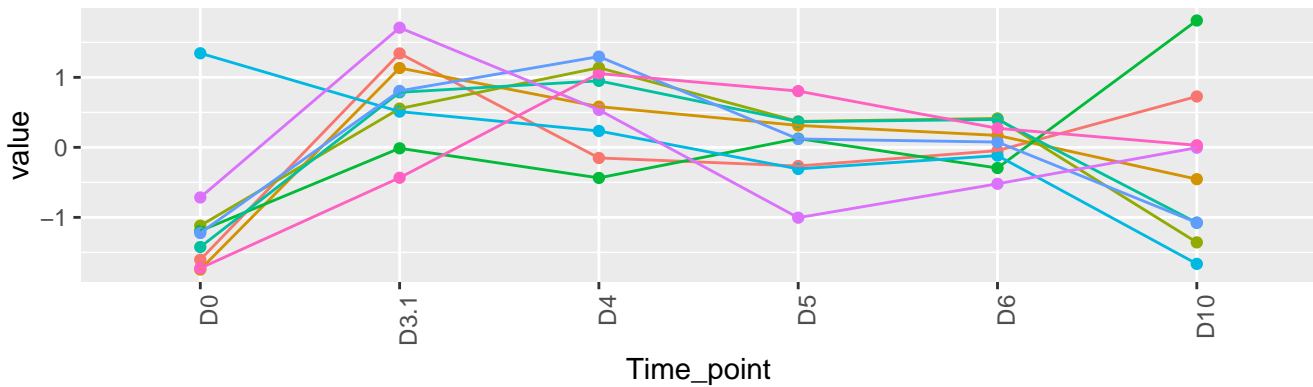
9 genes – WT-cluster-29-standardized



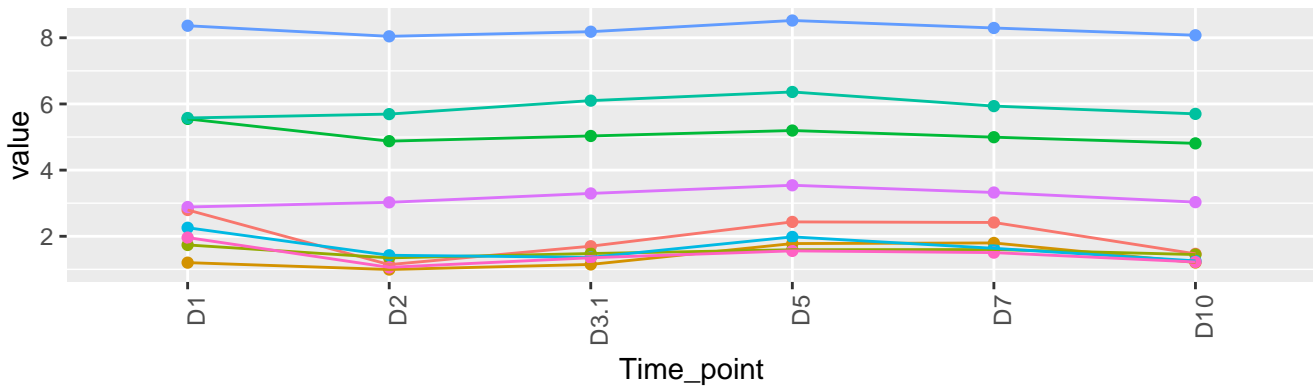
9 genes – KO-cluster-29-original



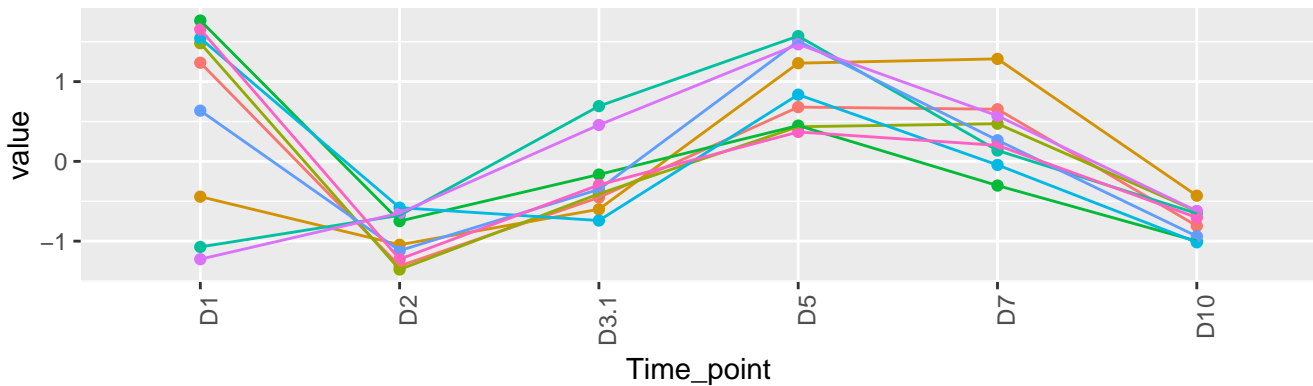
9 genes – KO-cluster-29-standardized



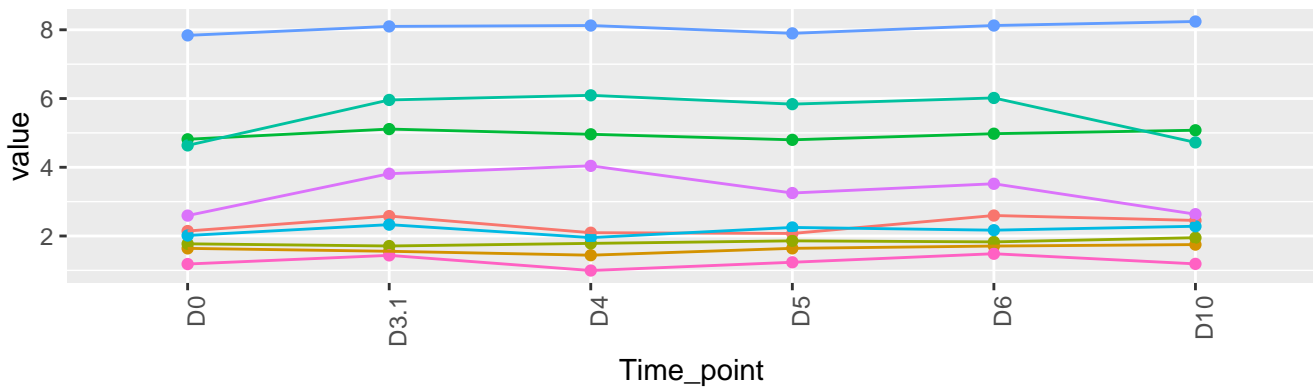
9 genes – WT-cluster-28-original



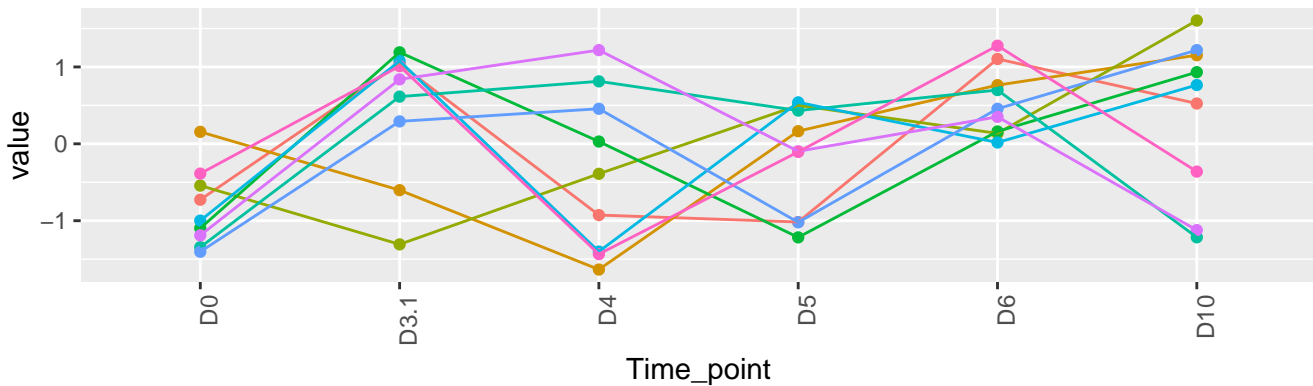
9 genes – WT-cluster-28-standardized



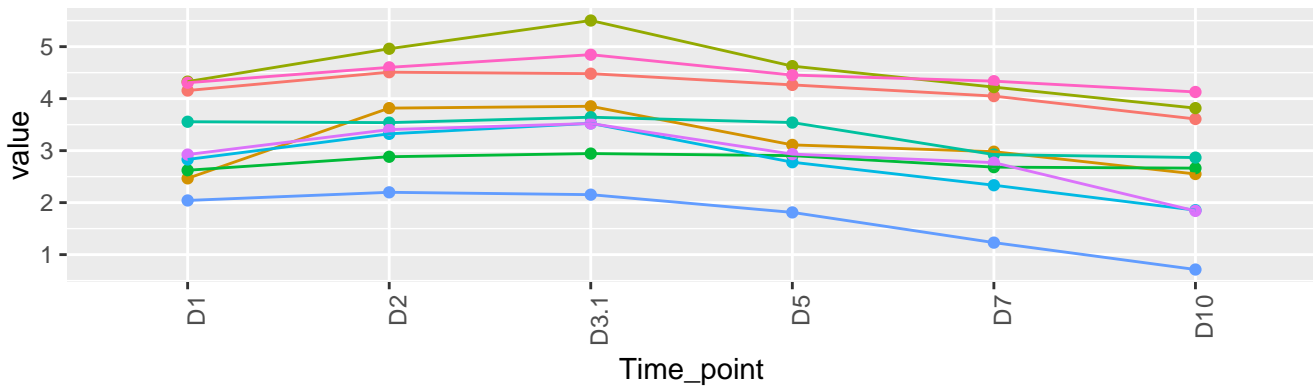
9 genes – KO-cluster-28-original



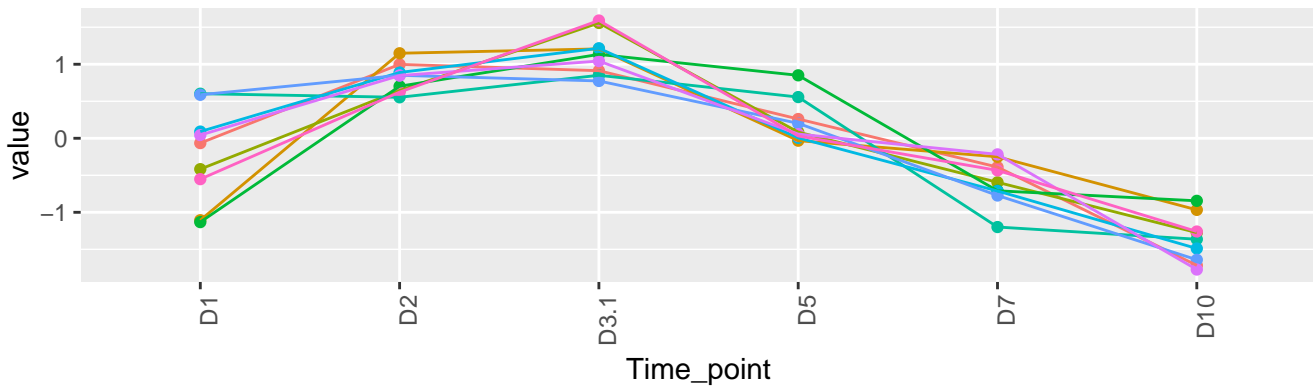
9 genes – KO-cluster-28-standardized



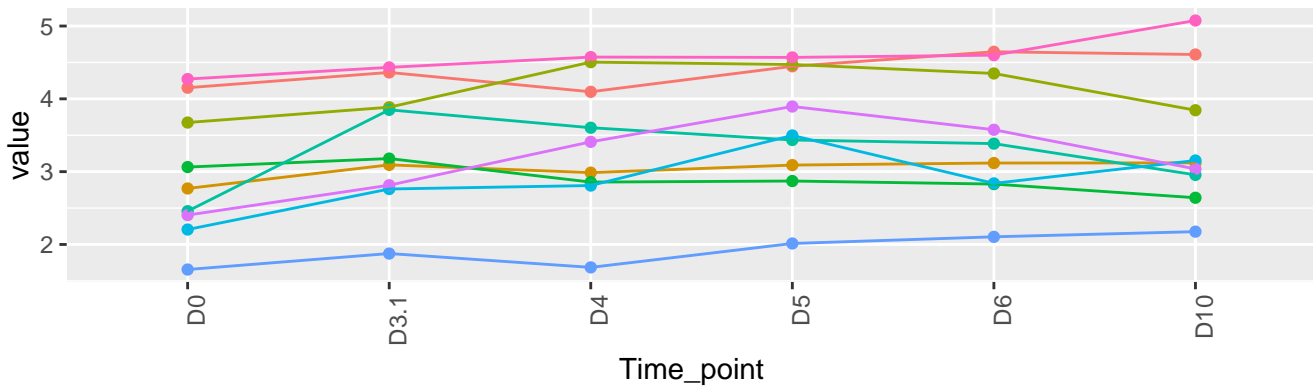
9 genes – WT-cluster-27-original



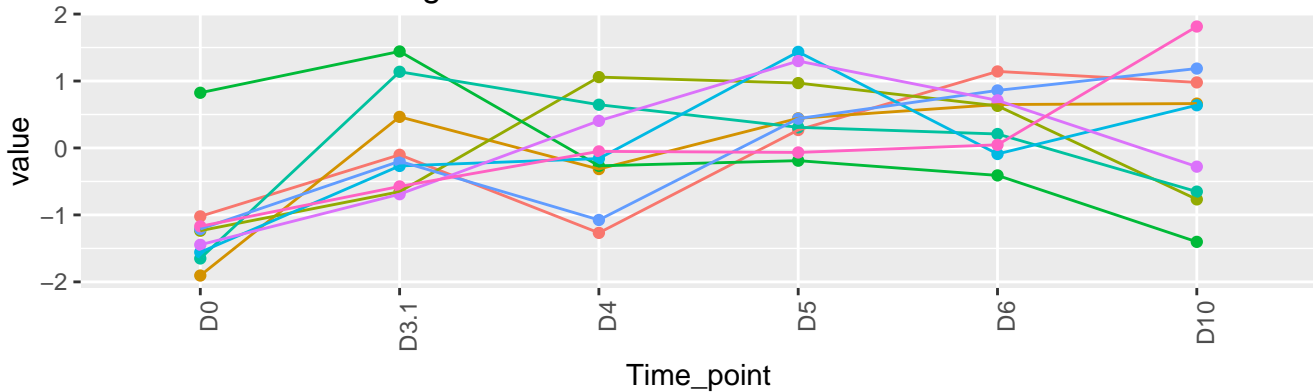
9 genes – WT-cluster-27-standardized



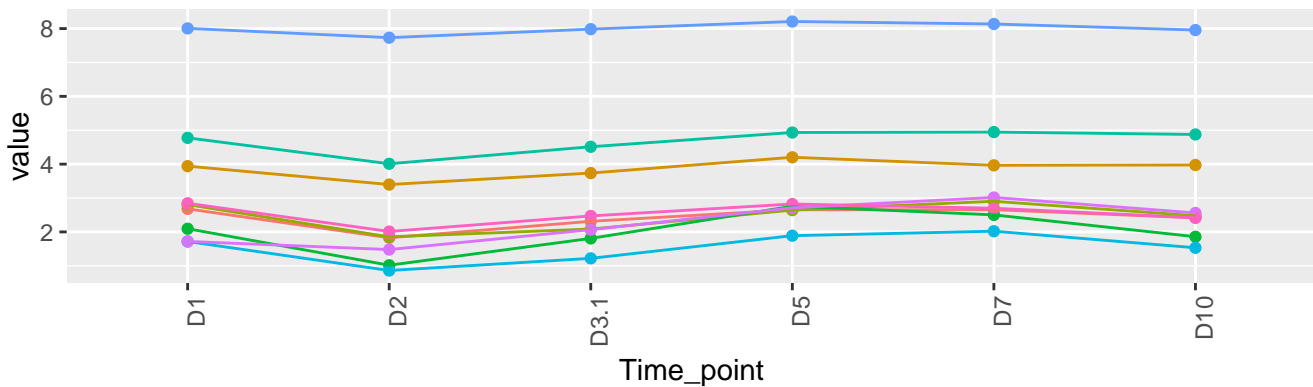
9 genes – KO-cluster-27-original



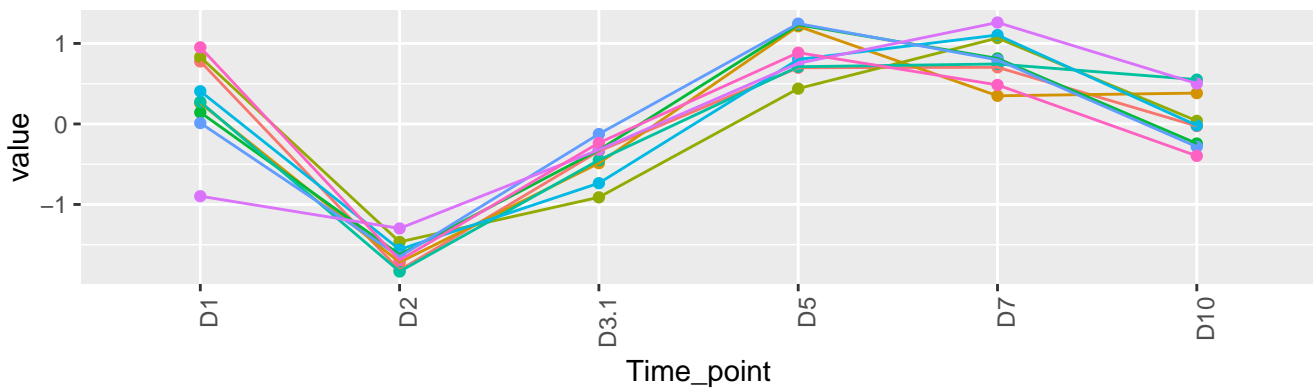
9 genes – KO-cluster-27-standardized



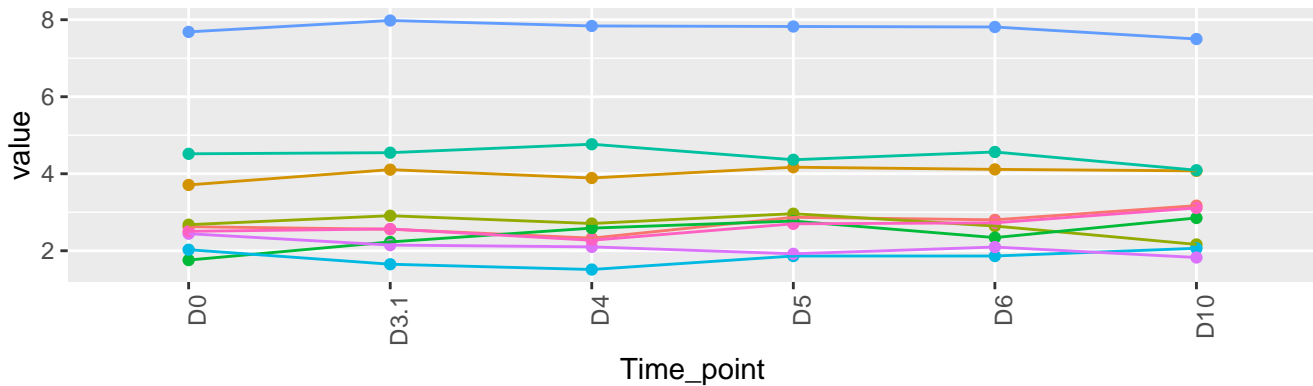
9 genes – WT-cluster-26-original



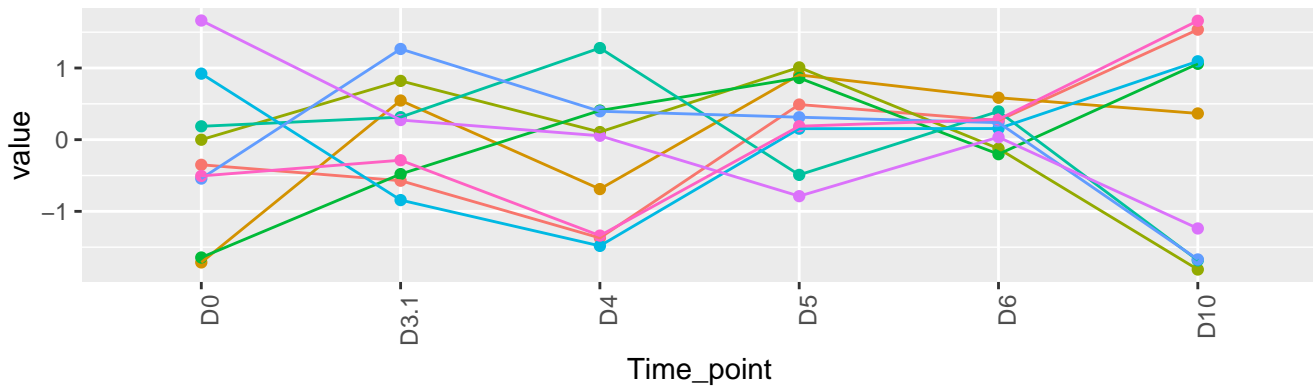
9 genes – WT-cluster-26-standardized



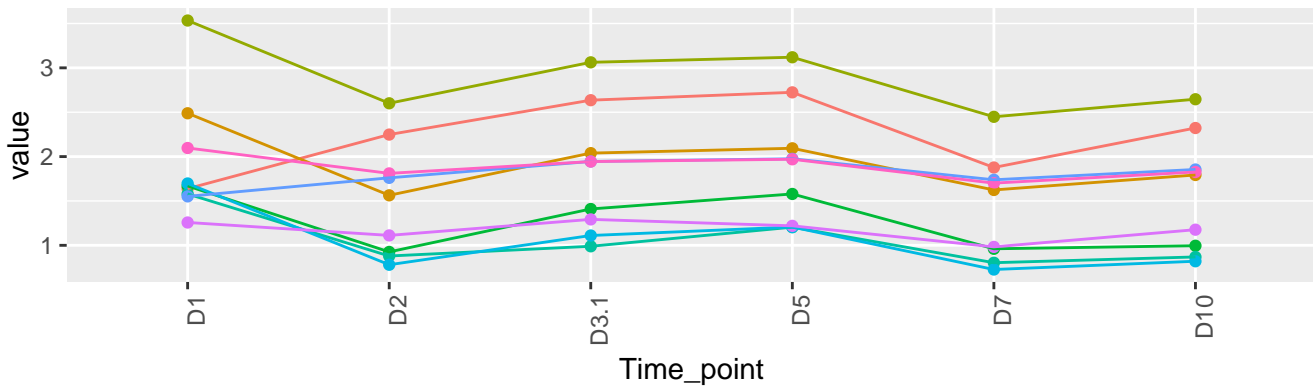
9 genes – KO-cluster-26-original



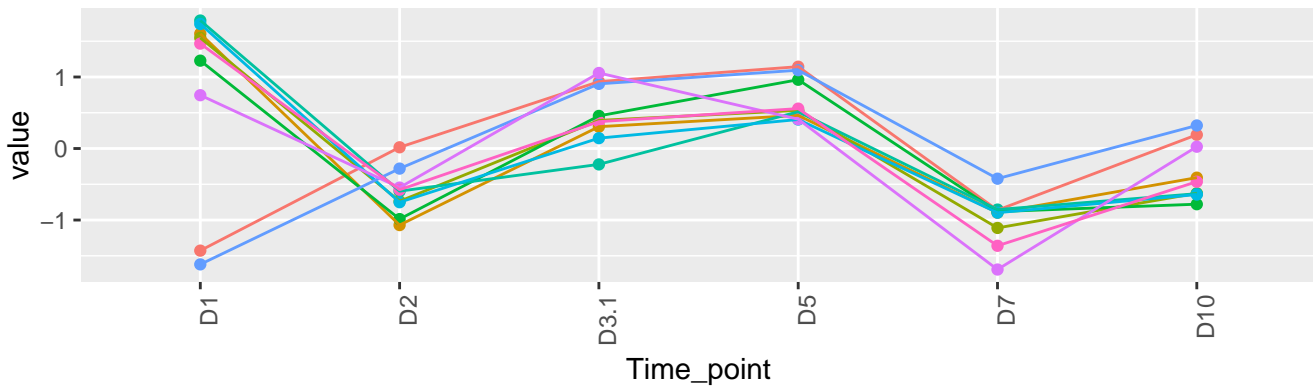
9 genes – KO-cluster-26-standardized



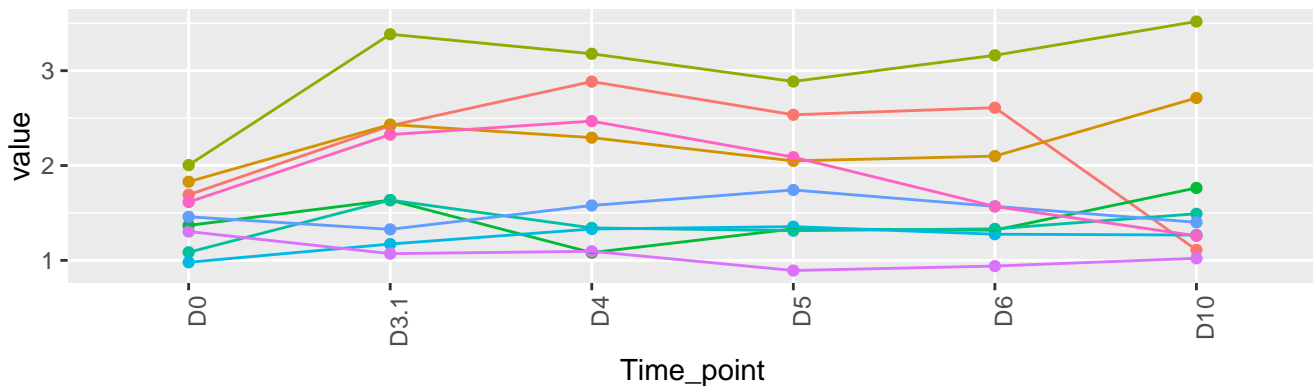
9 genes – WT-cluster-25-original



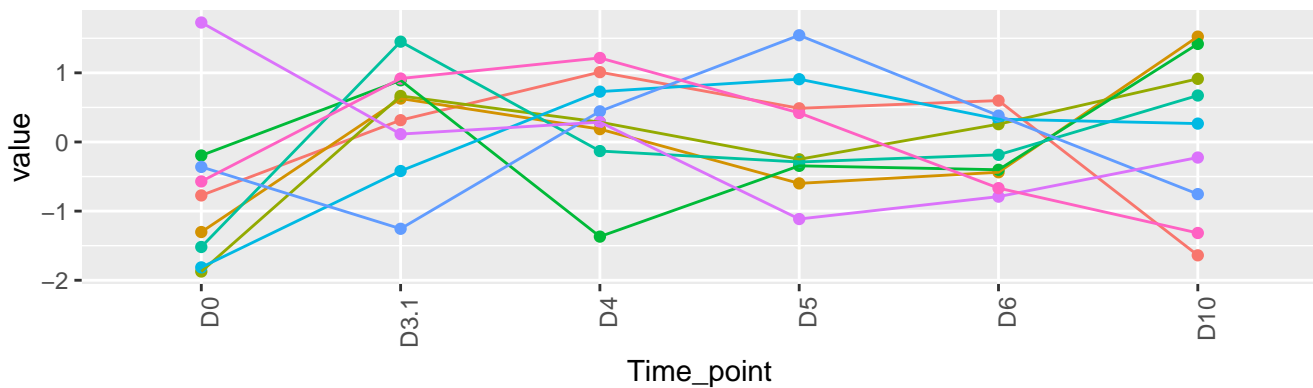
9 genes – WT-cluster-25-standardized



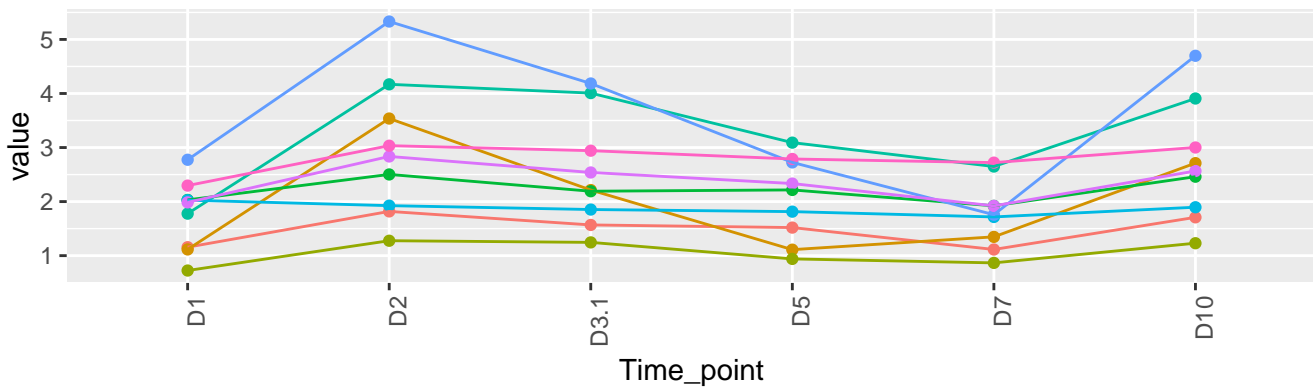
9 genes – KO-cluster-25-original



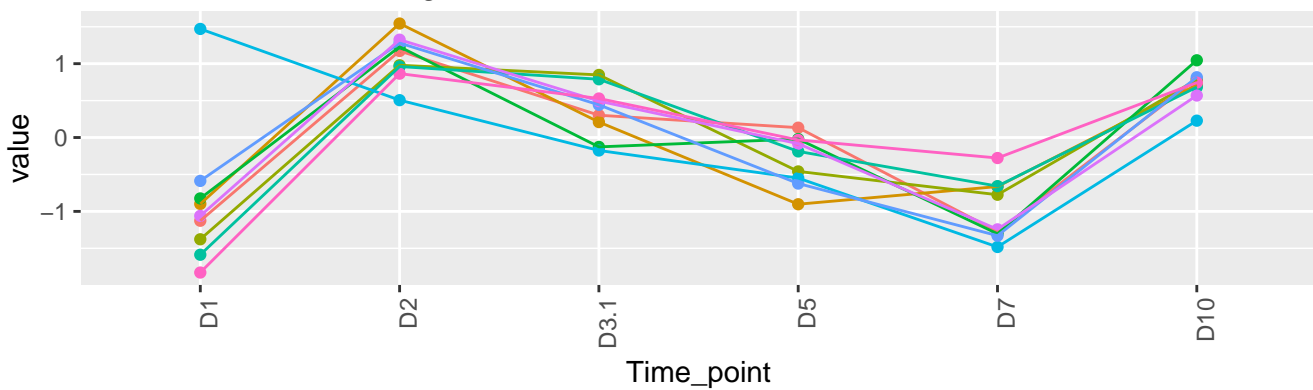
9 genes – KO-cluster-25-standardized



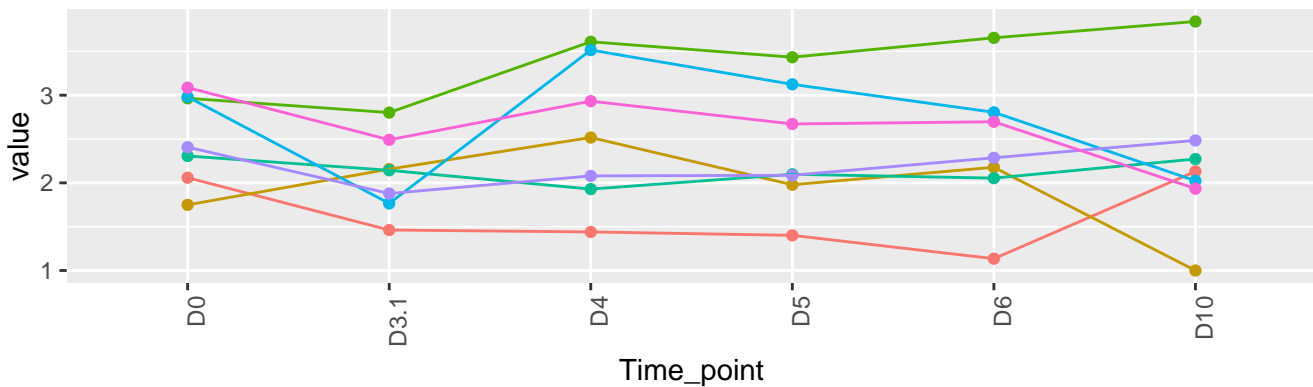
9 genes – WT-cluster-24-original



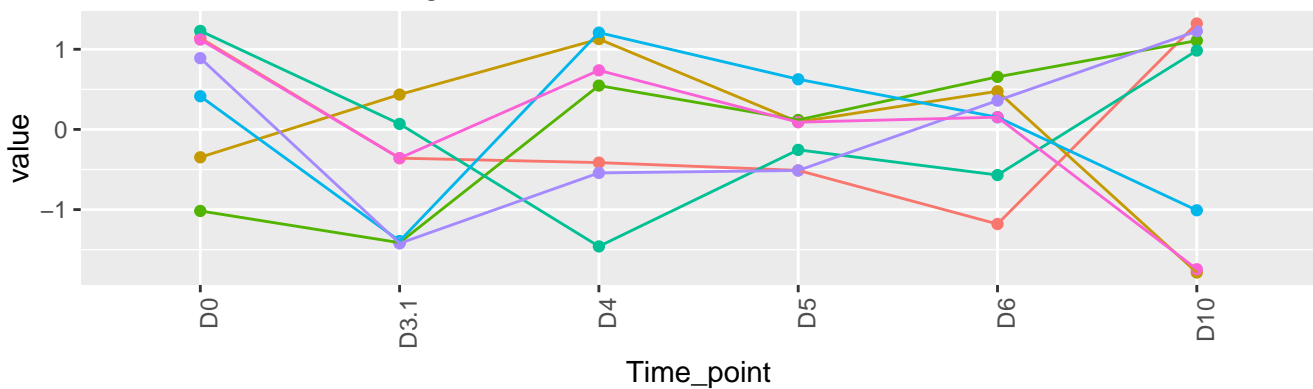
9 genes – WT-cluster-24-standardized



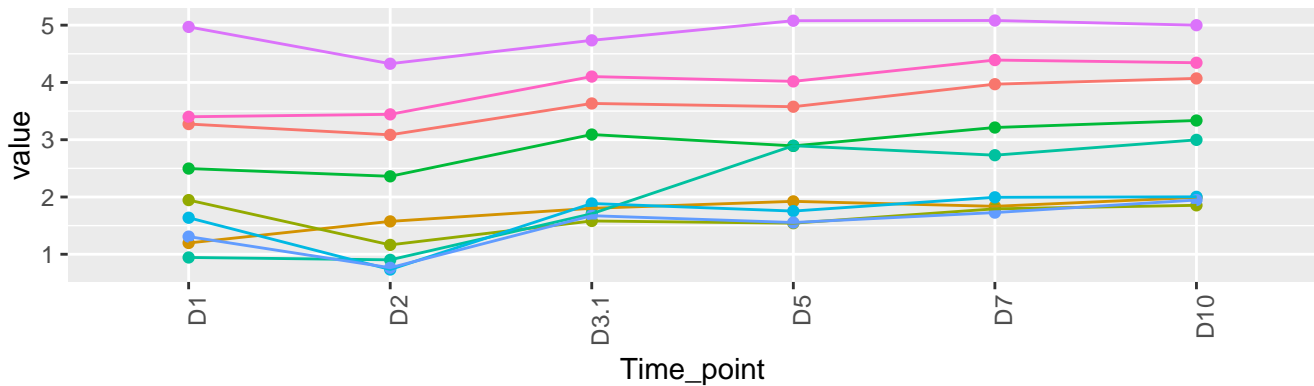
7 genes – KO-cluster-24-original



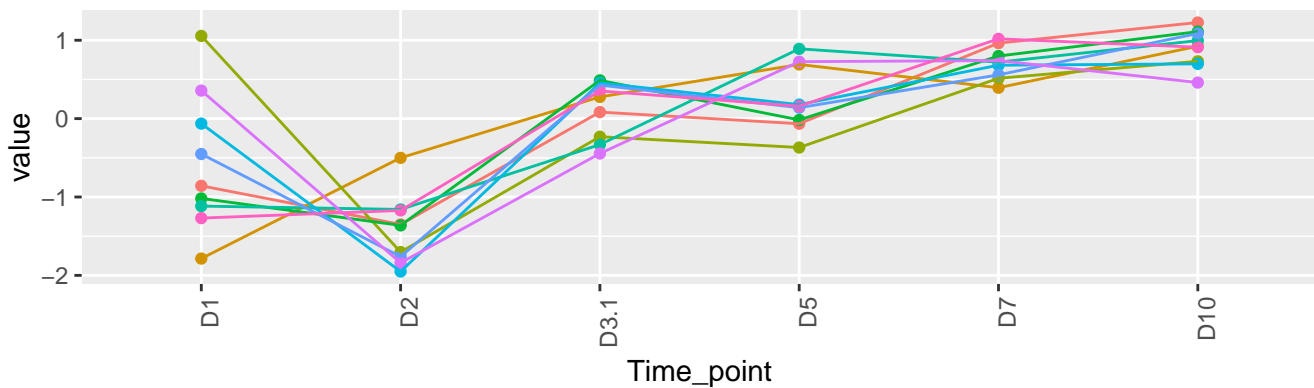
7 genes – KO-cluster-24-standardized



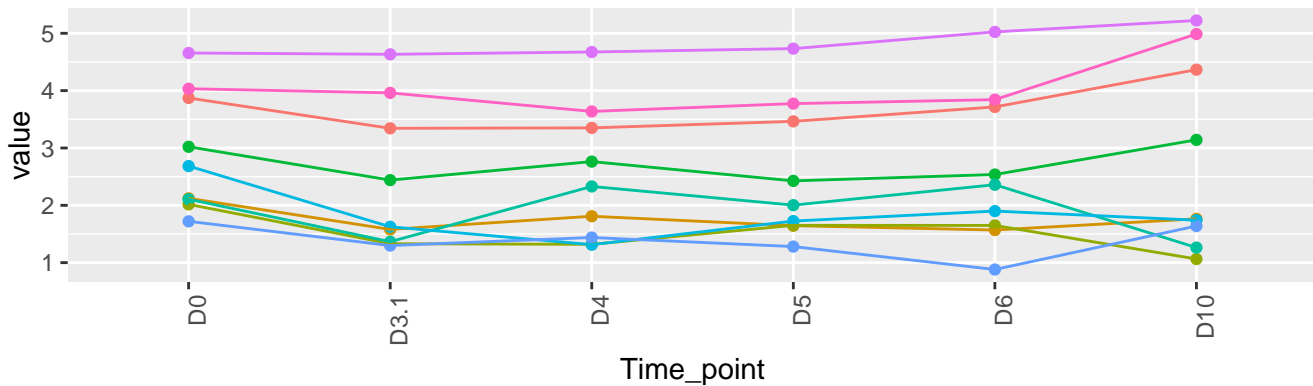
9 genes – WT-cluster-23-original



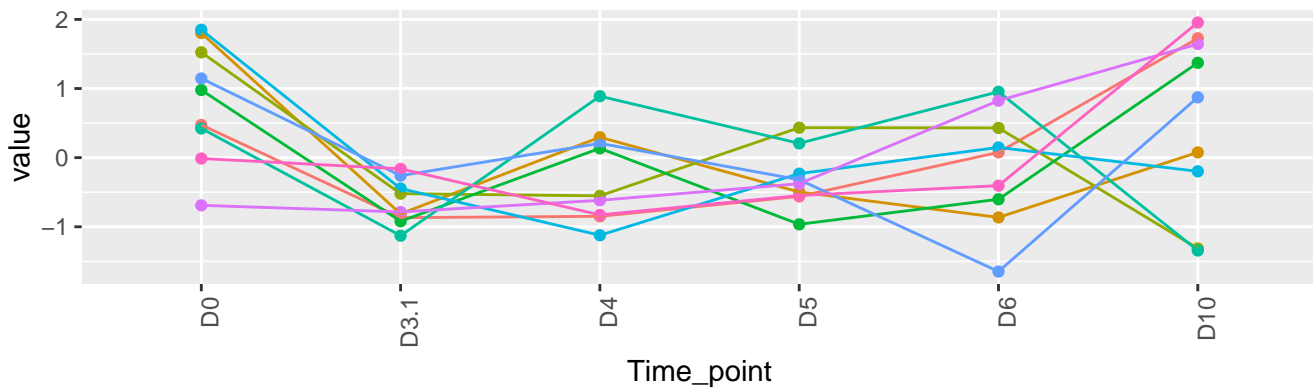
9 genes – WT-cluster-23-standardized



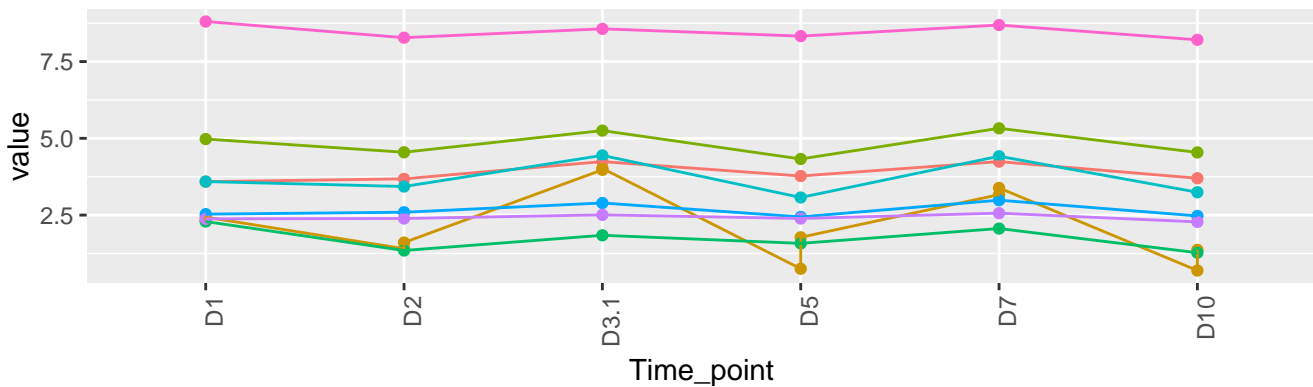
9 genes – KO-cluster-23-original



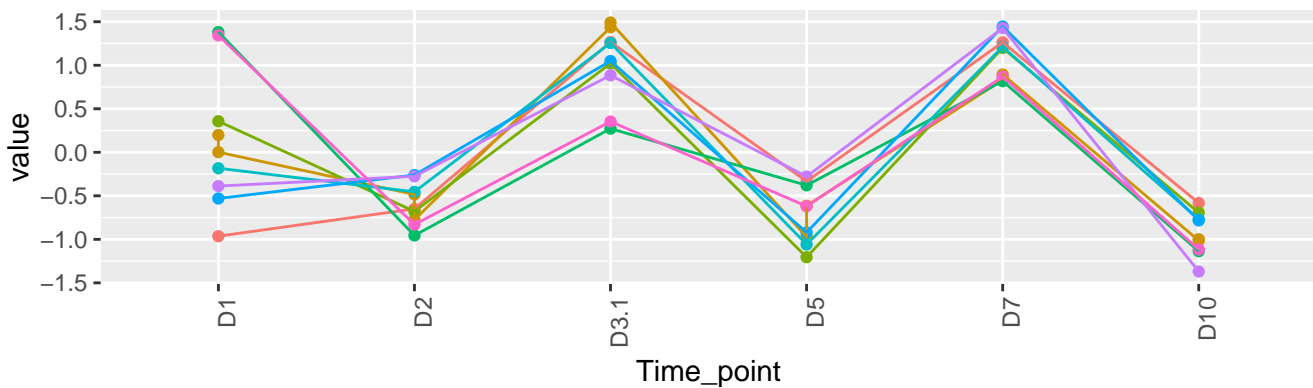
9 genes – KO-cluster-23-standardized



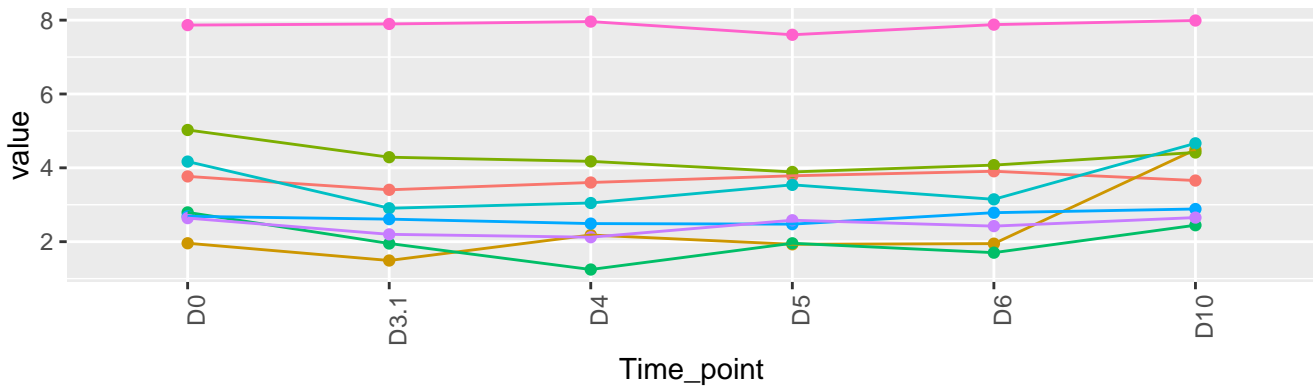
9 genes – WT-cluster-22-original



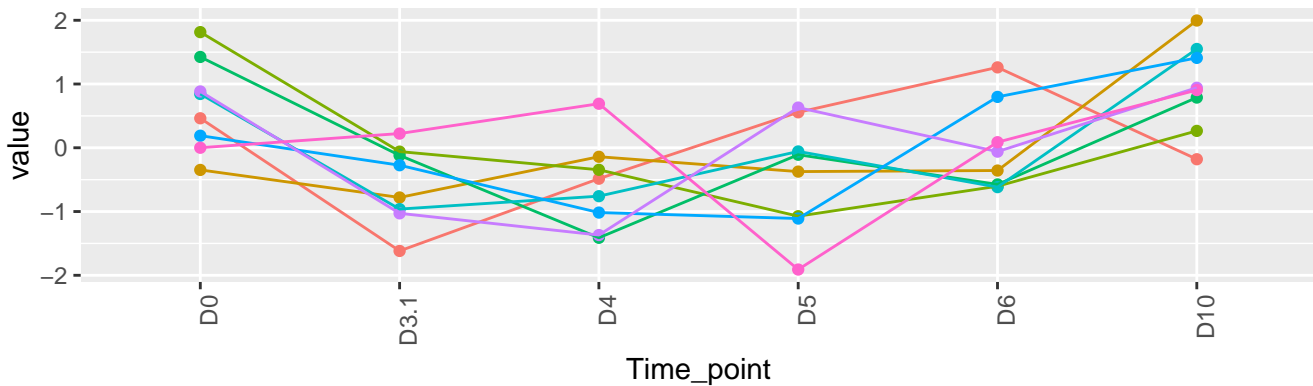
9 genes – WT-cluster-22-standardized



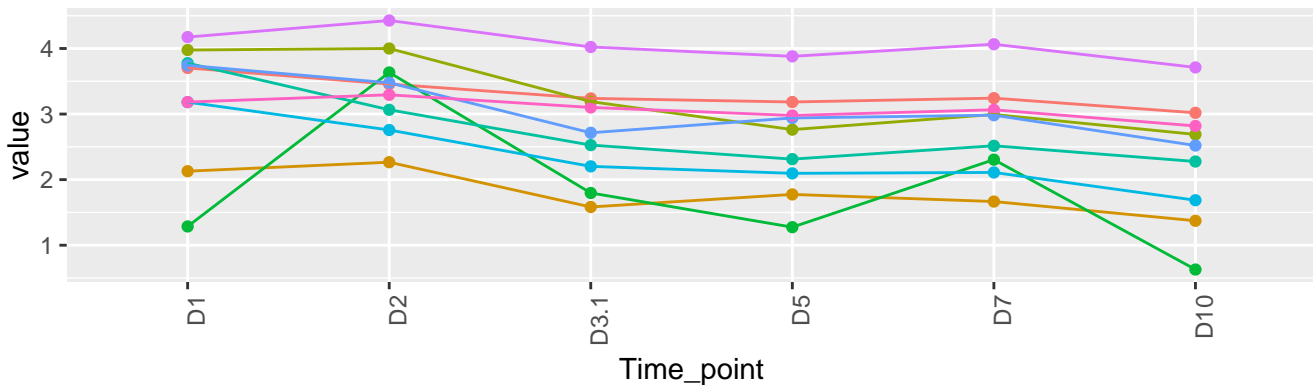
8 genes – KO-cluster-22-original



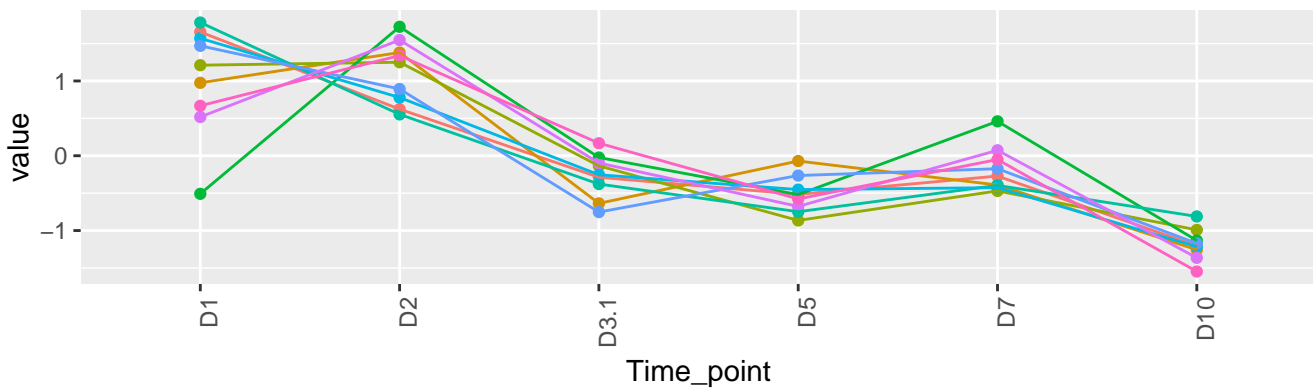
8 genes – KO-cluster-22-standardized



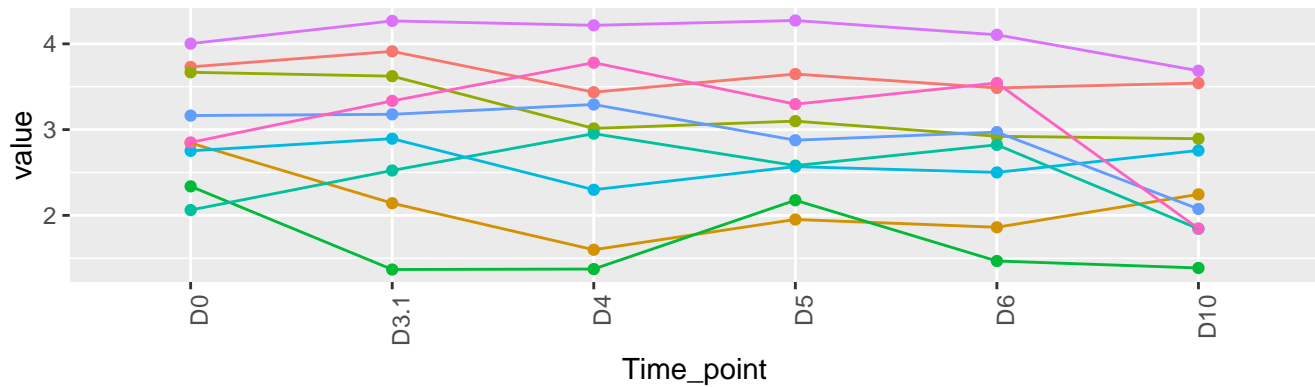
9 genes – WT-cluster-21-original



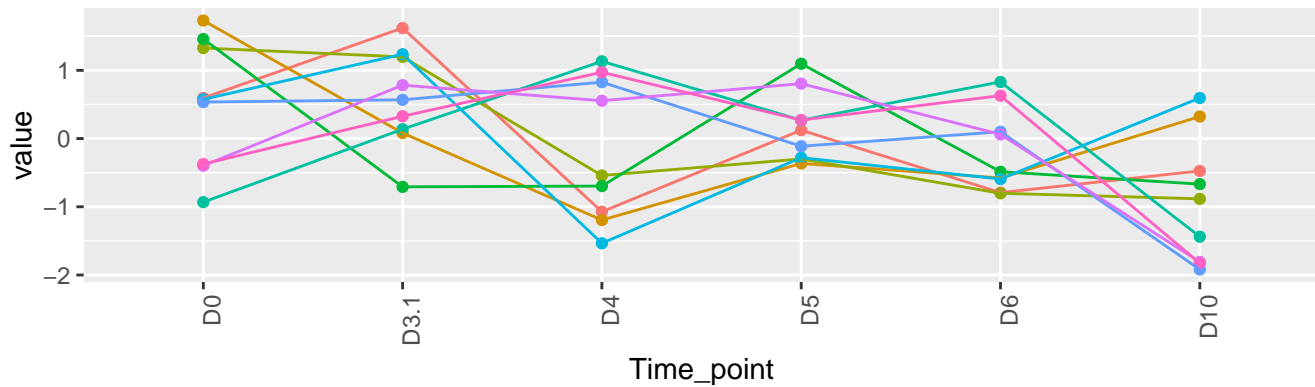
9 genes – WT-cluster-21-standardized



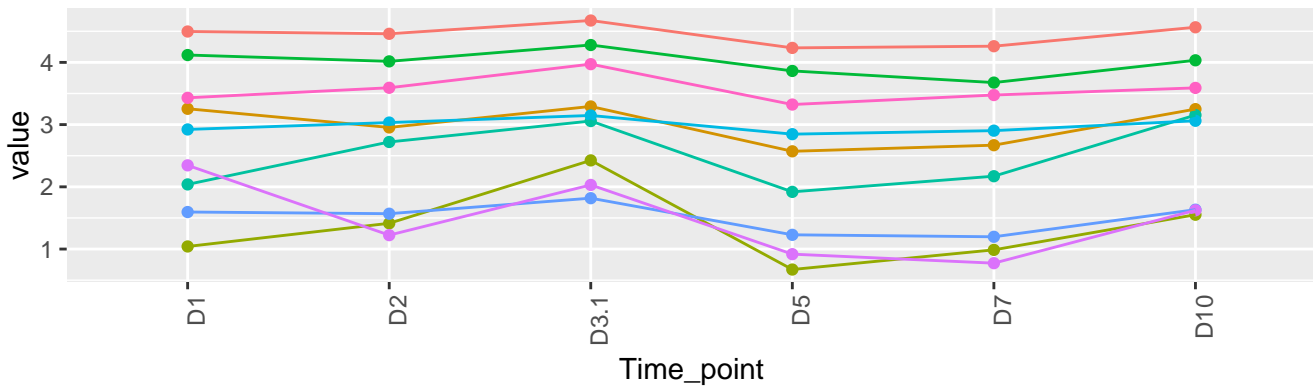
9 genes – KO-cluster-21-original



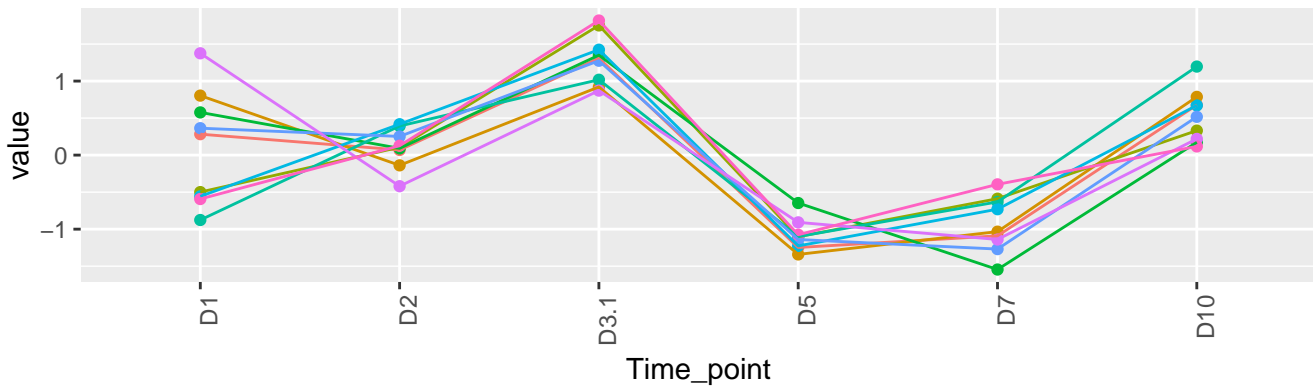
9 genes – KO-cluster-21-standardized



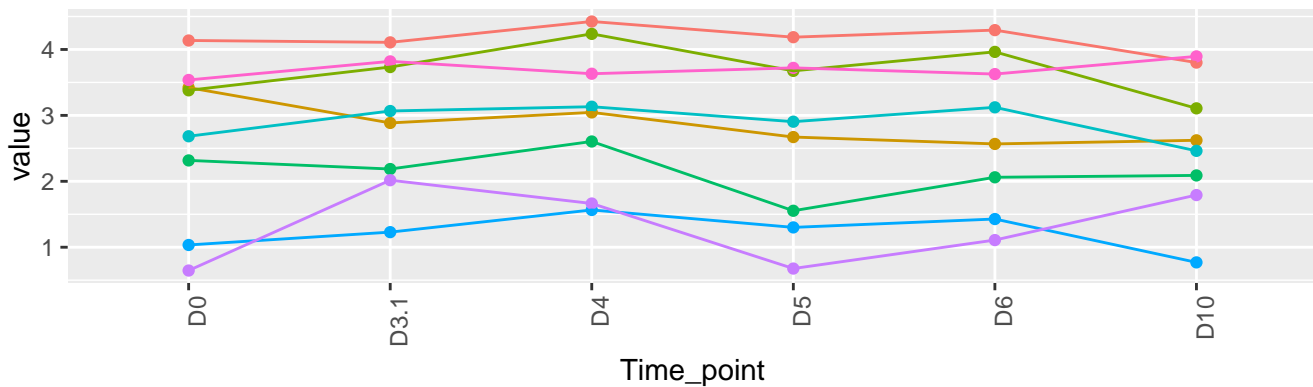
9 genes – WT-cluster-20-original



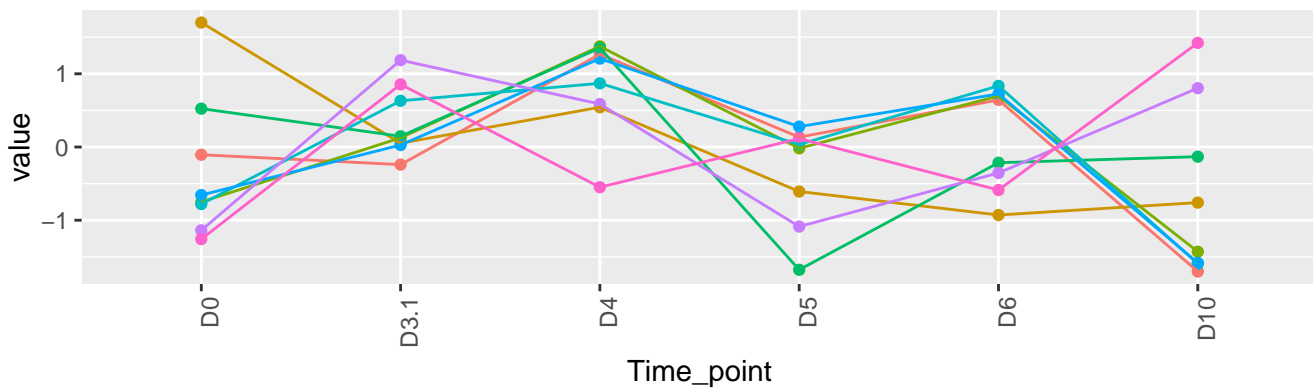
9 genes – WT-cluster-20-standardized



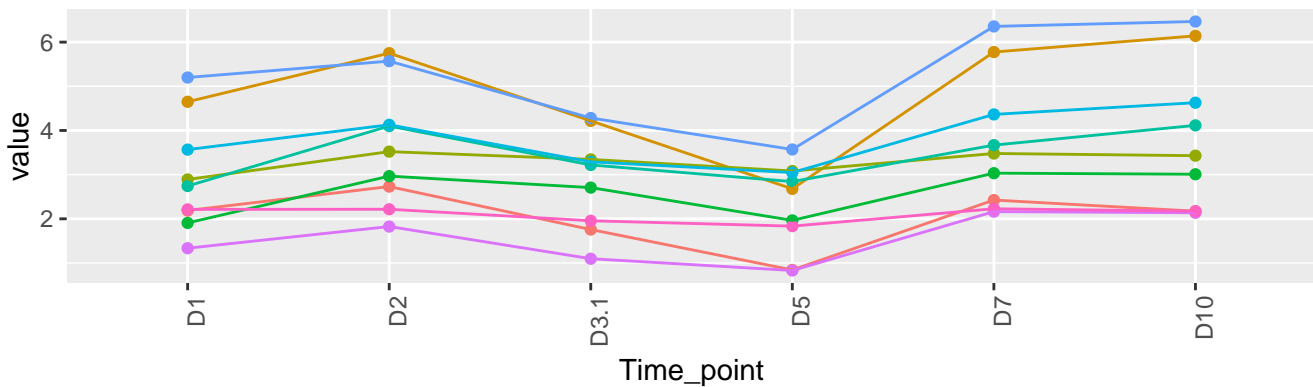
8 genes – KO-cluster-20-original



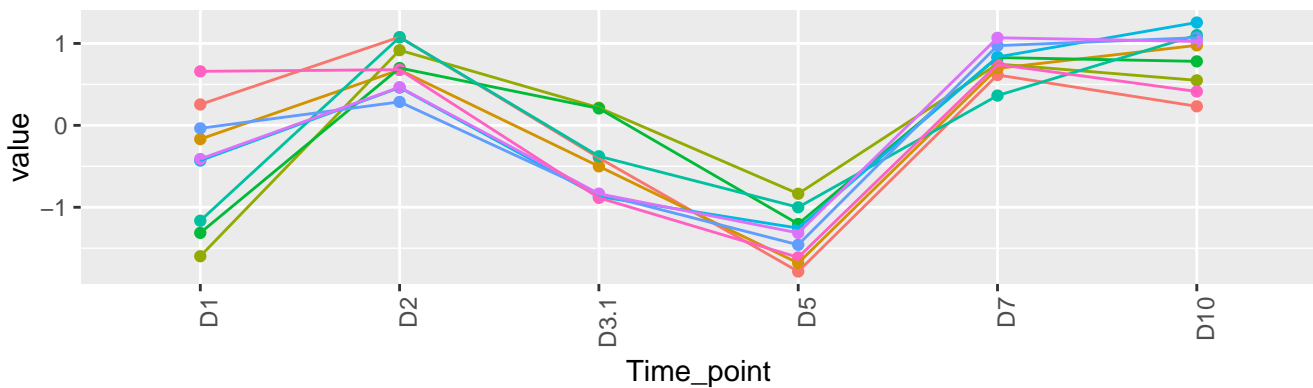
8 genes – KO-cluster-20-standardized



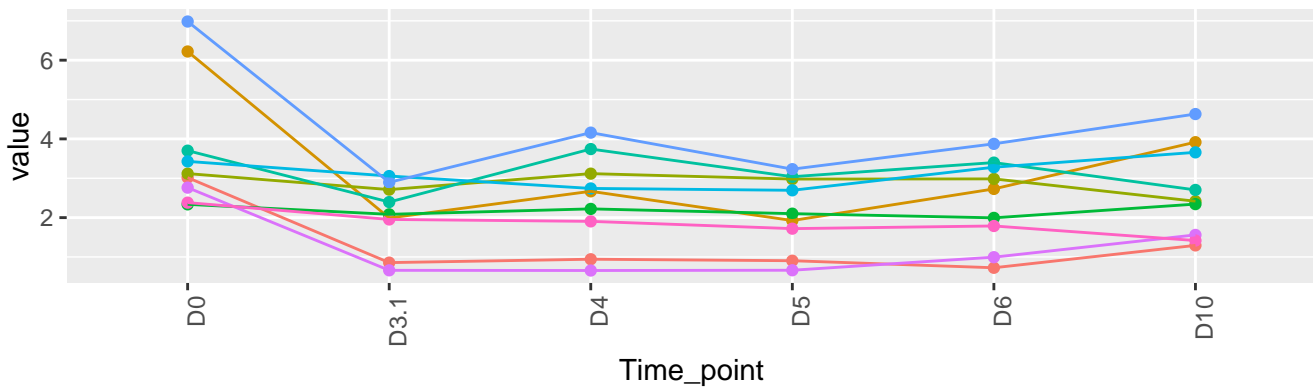
9 genes – WT-cluster-19-original



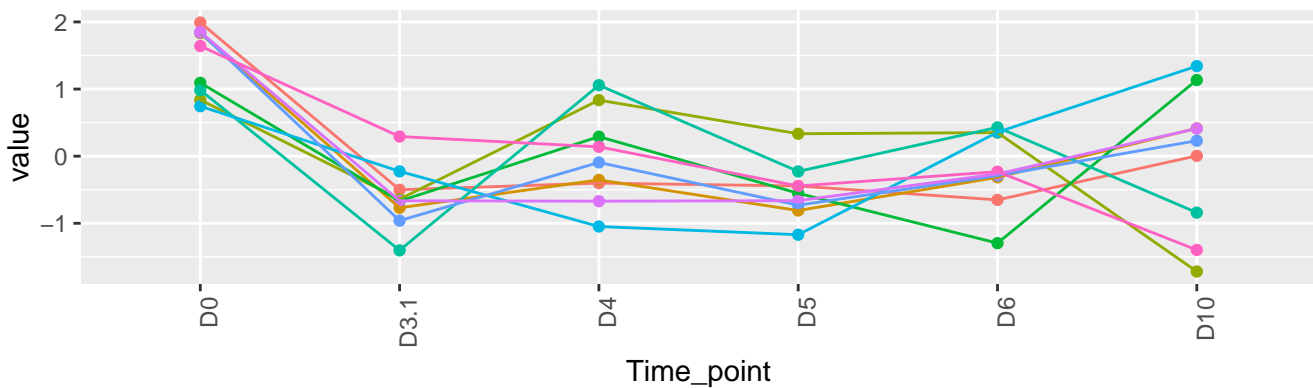
9 genes – WT-cluster-19-standardized



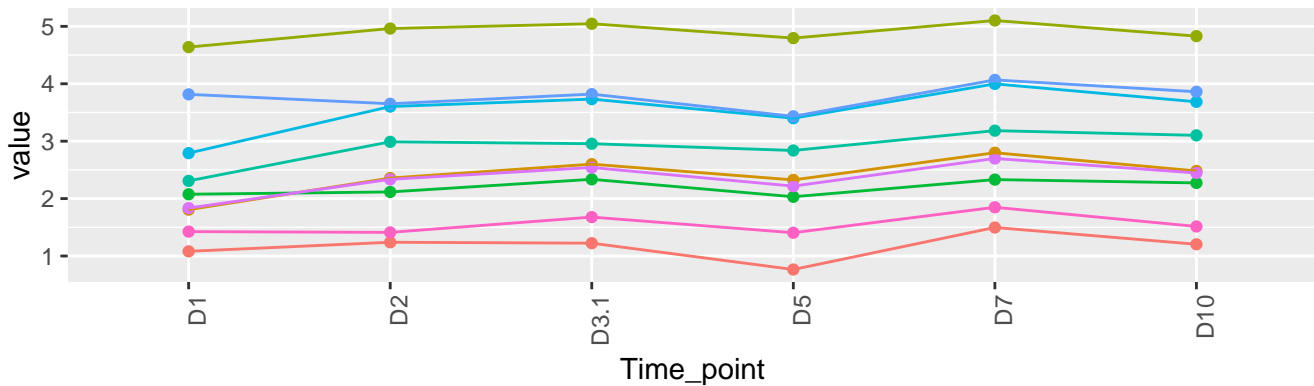
9 genes – KO-cluster-19-original



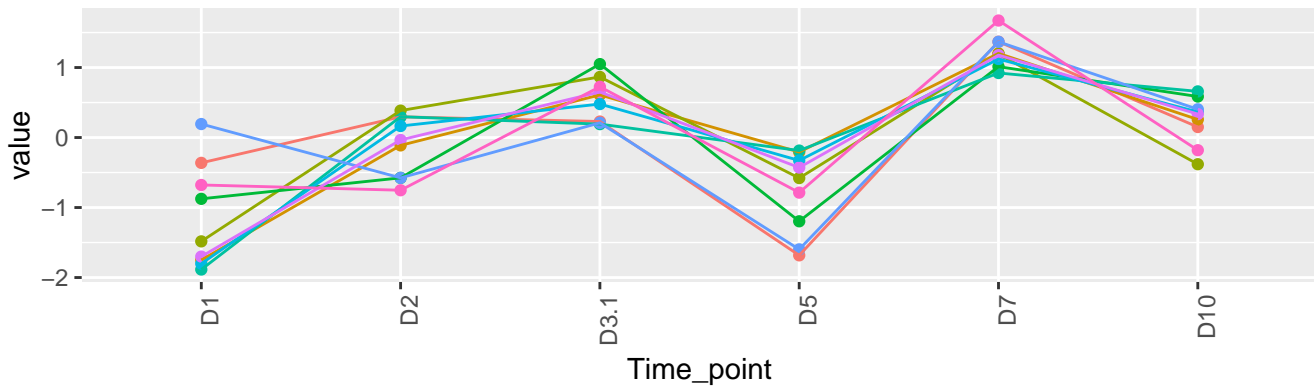
9 genes – KO-cluster-19-standardized



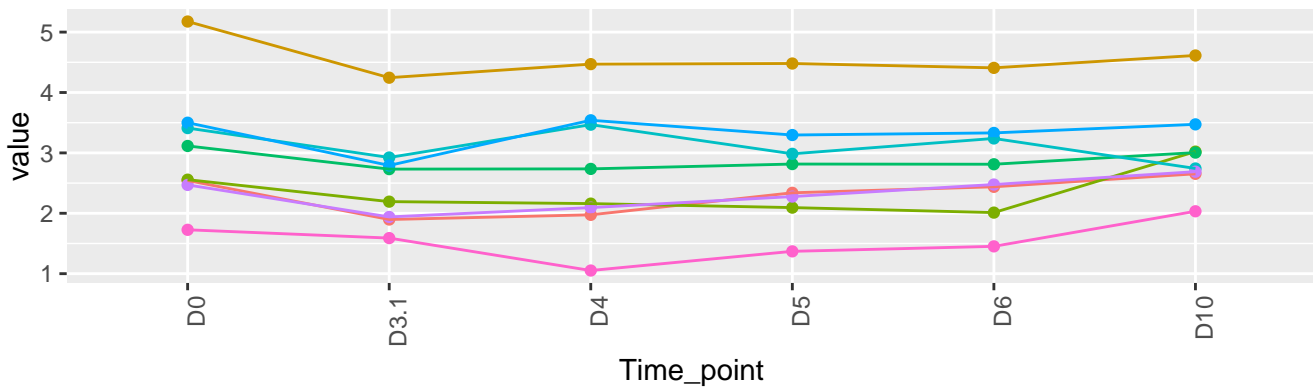
9 genes – WT-cluster-18-original



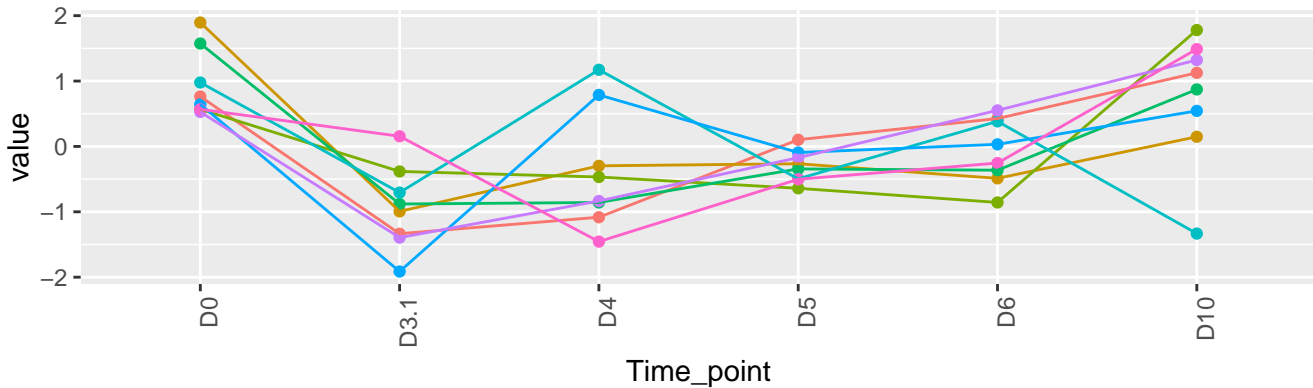
9 genes – WT-cluster-18-standardized



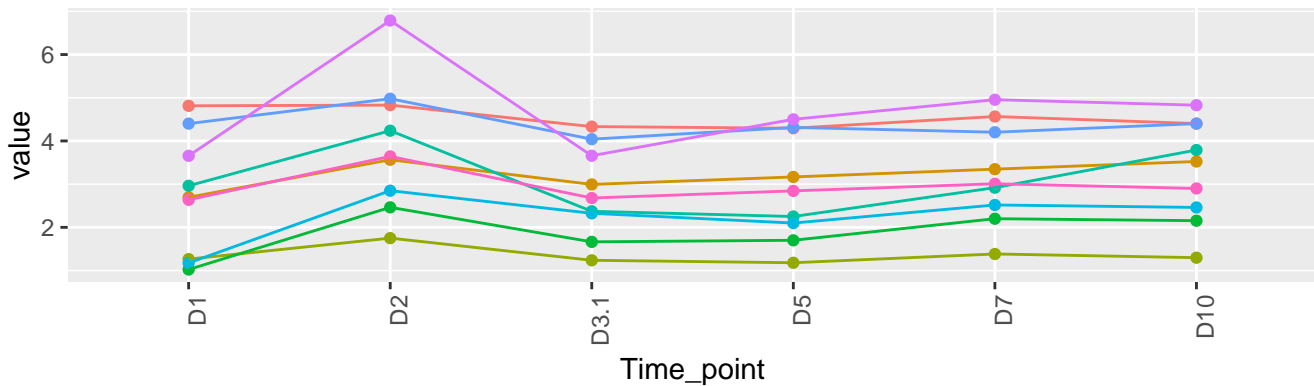
8 genes – KO-cluster-18-original



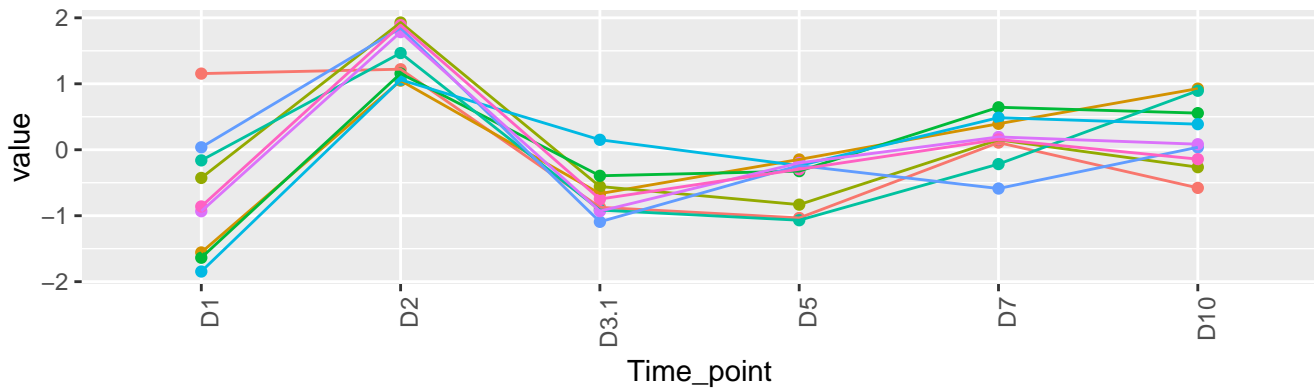
8 genes – KO-cluster-18-standardized



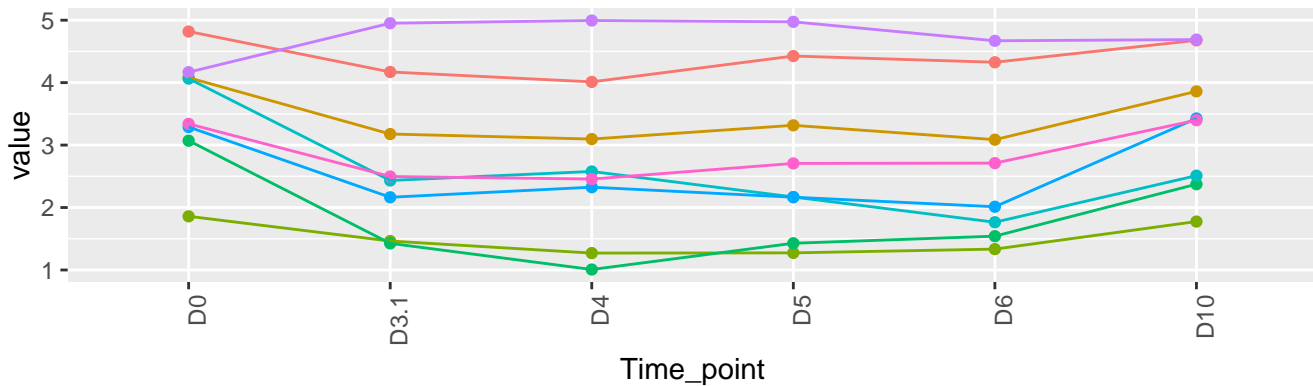
9 genes – WT-cluster-17-original



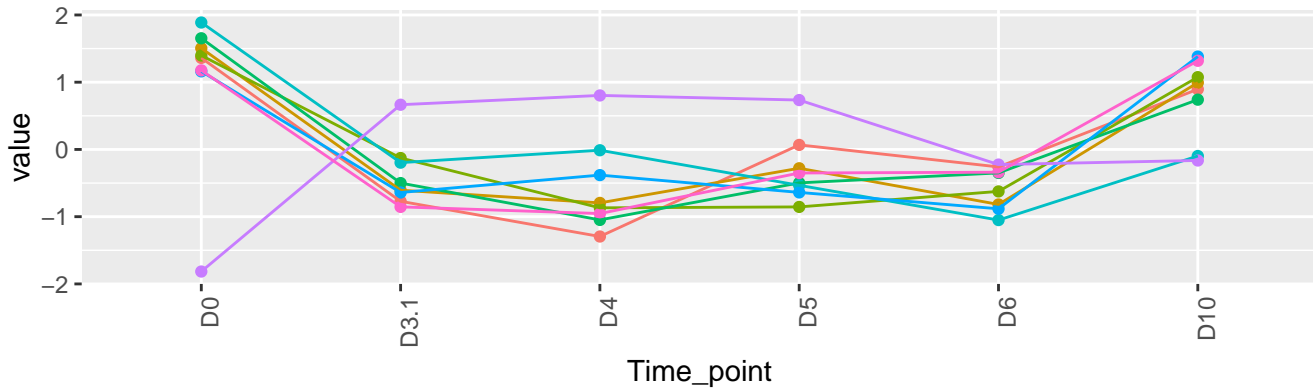
9 genes – WT-cluster-17-standardized



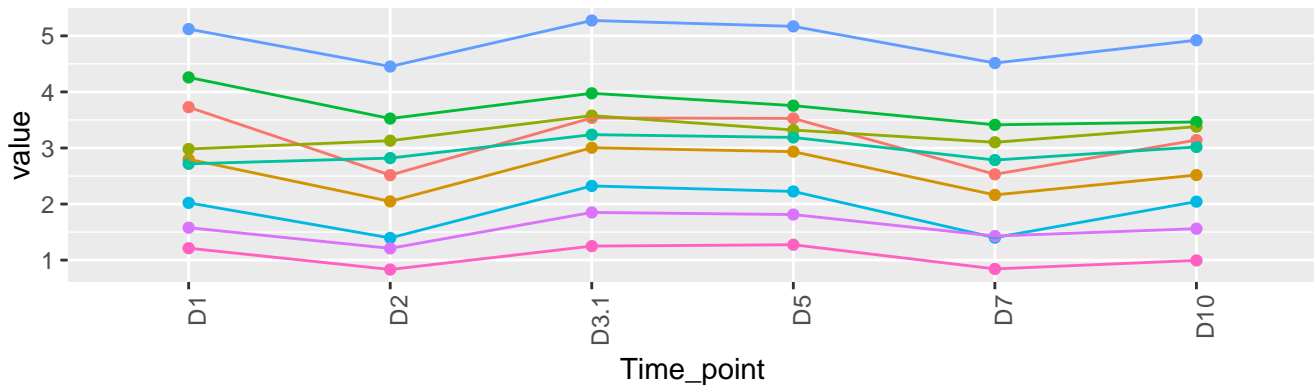
8 genes – KO-cluster-17-original



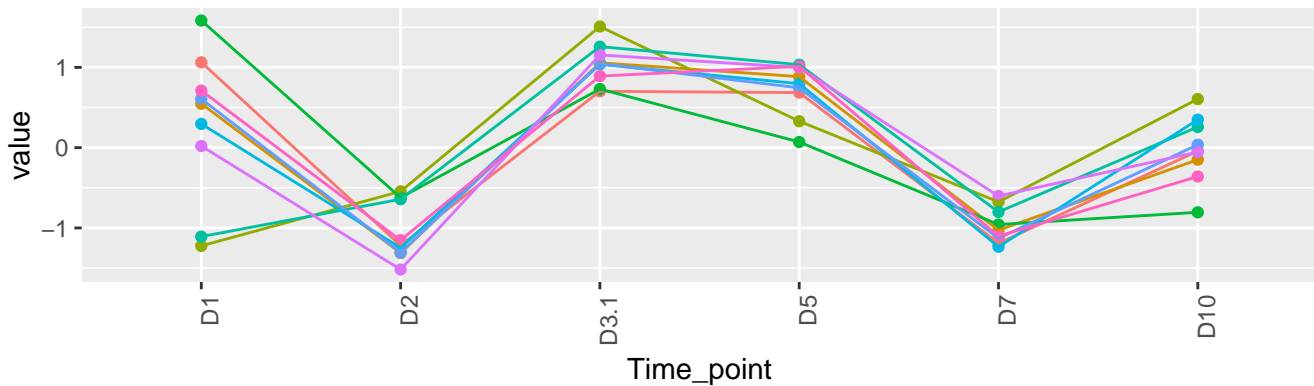
8 genes – KO-cluster-17-standardized



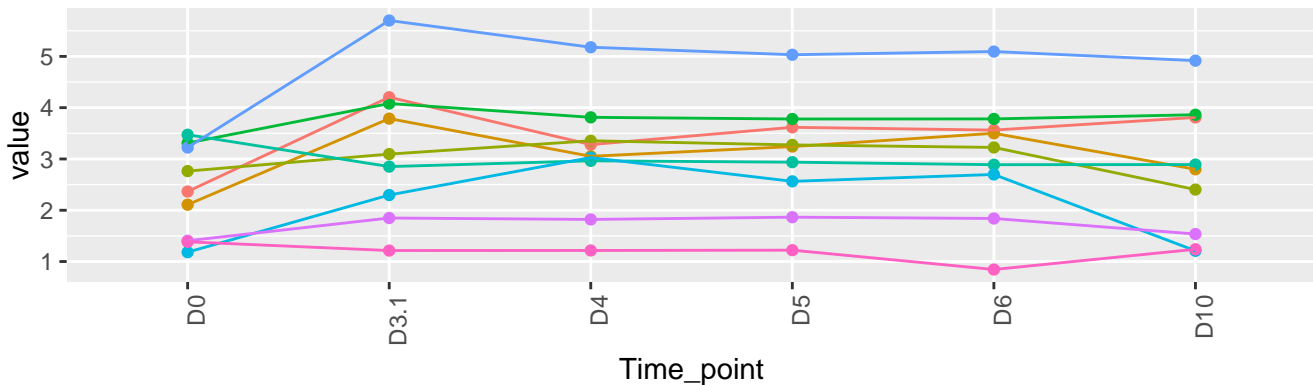
9 genes – WT-cluster-16-original



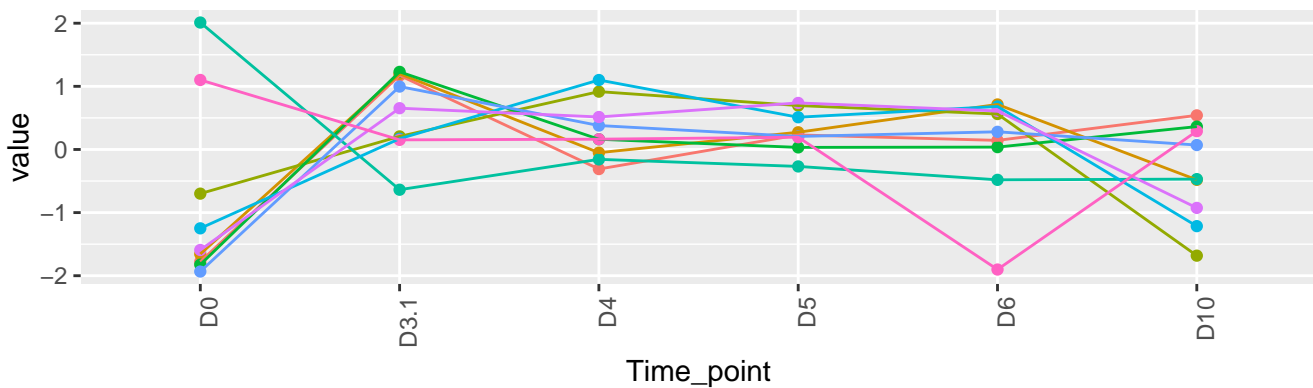
9 genes – WT-cluster-16-standardized



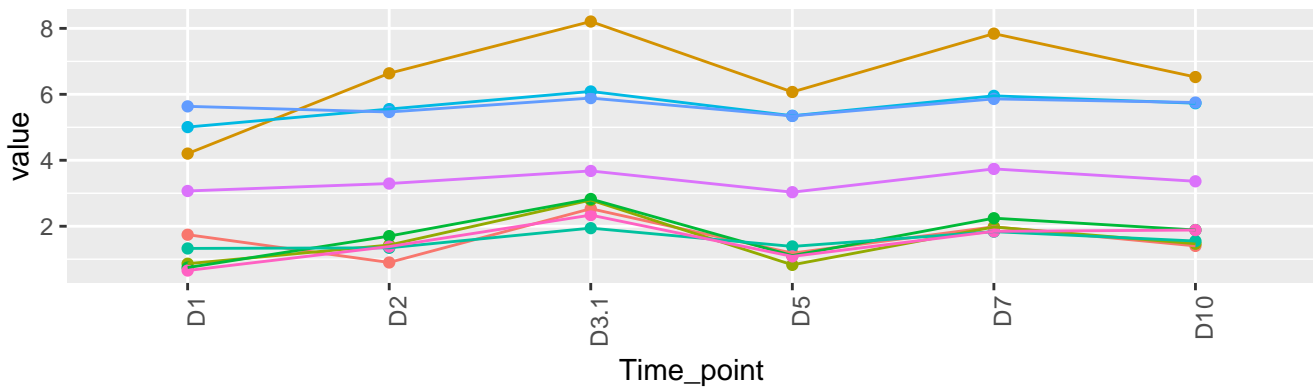
9 genes – KO-cluster-16-original



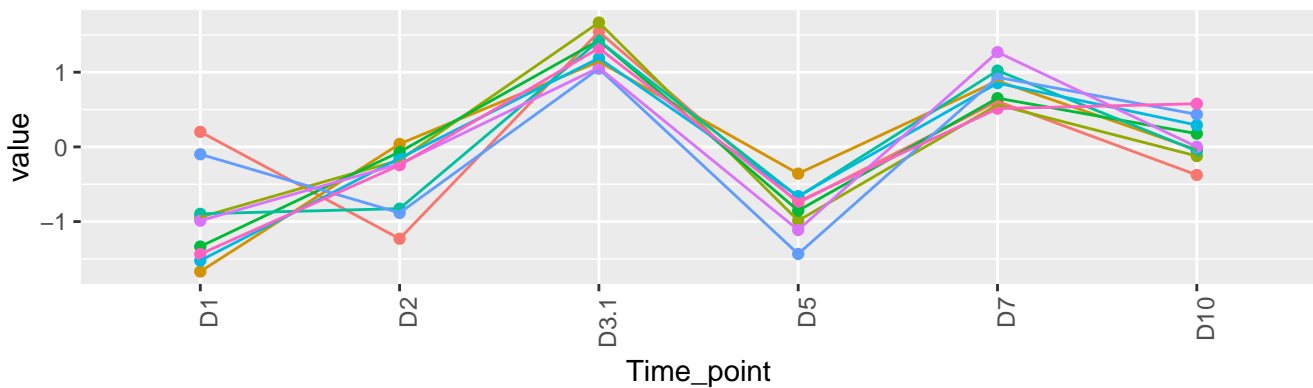
9 genes – KO-cluster-16-standardized



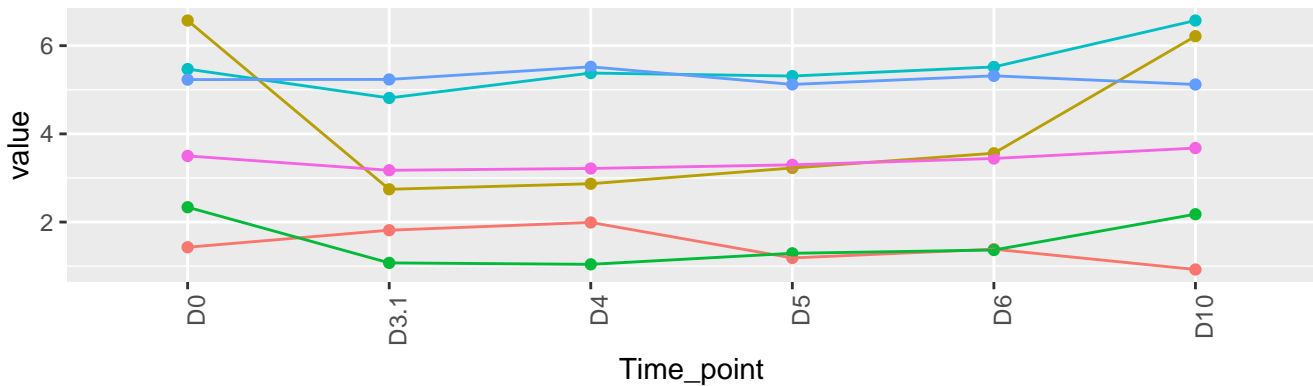
9 genes – WT-cluster-15-original



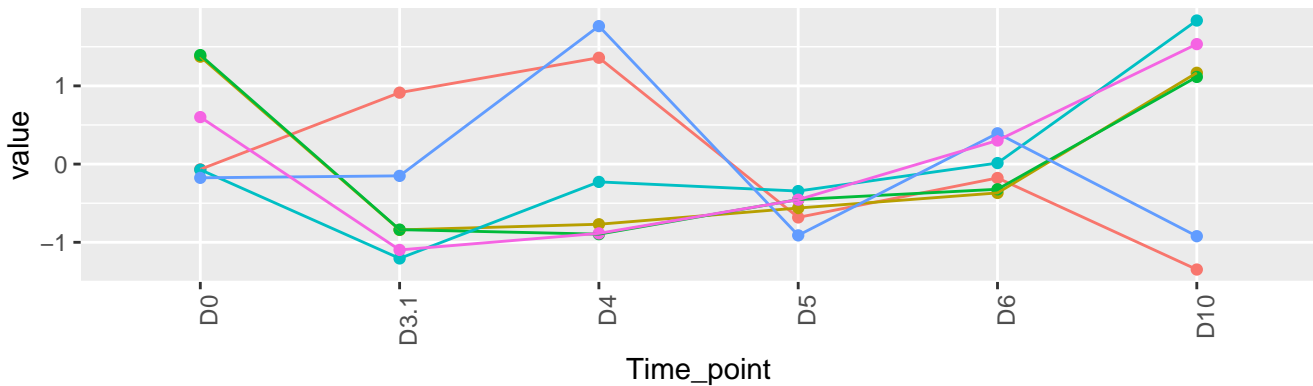
9 genes – WT-cluster-15-standardized



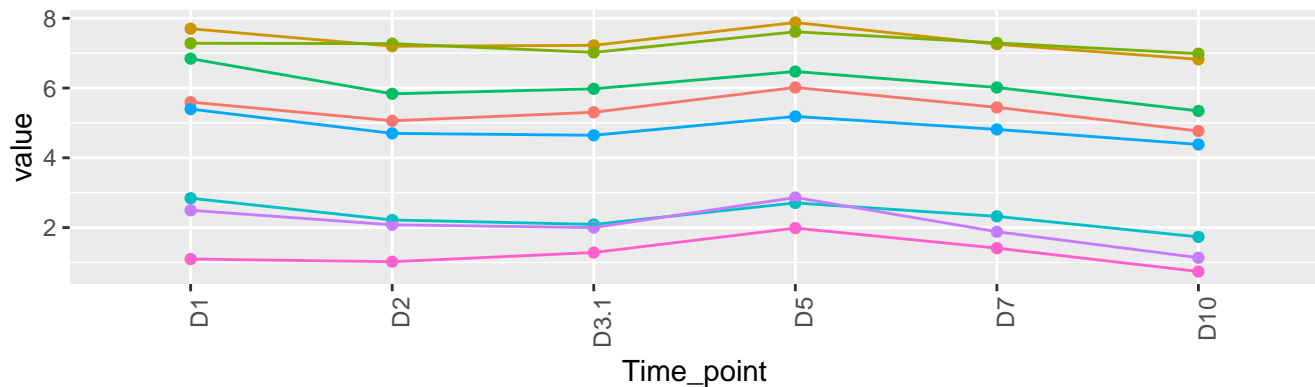
6 genes – KO-cluster-15-original



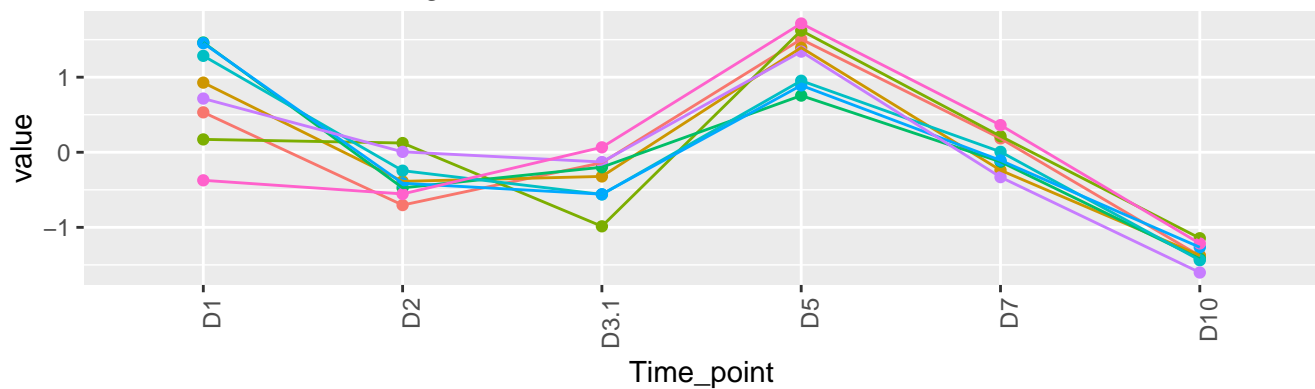
6 genes – KO-cluster-15-standardized



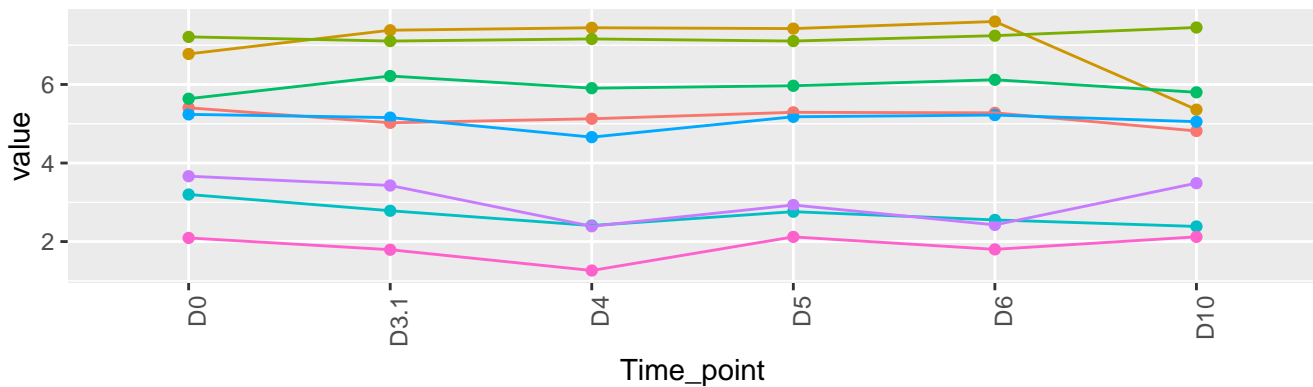
8 genes – WT-cluster-14-original



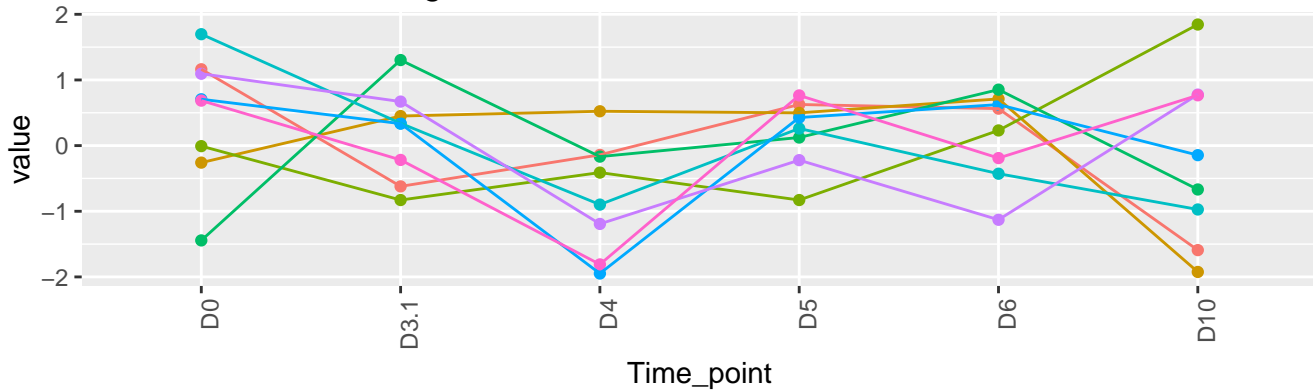
8 genes – WT-cluster-14-standardized



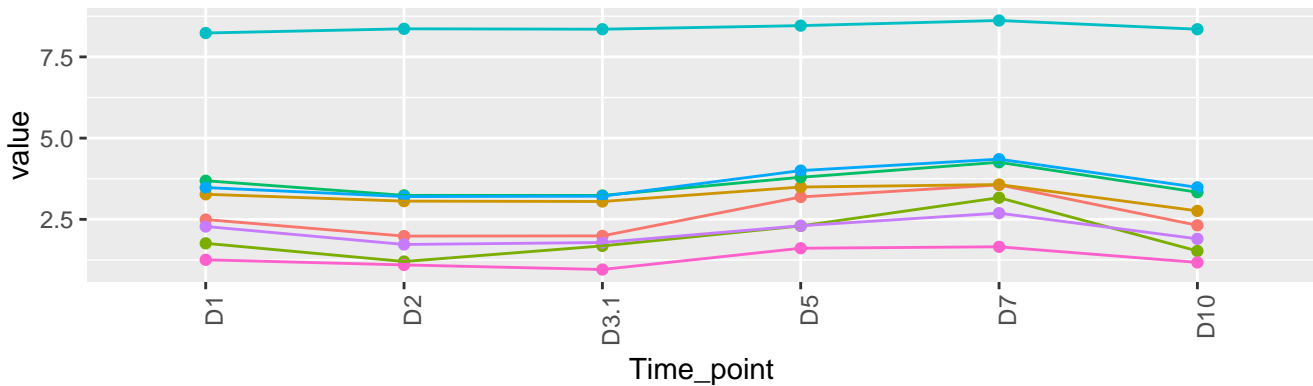
8 genes – KO-cluster-14-original



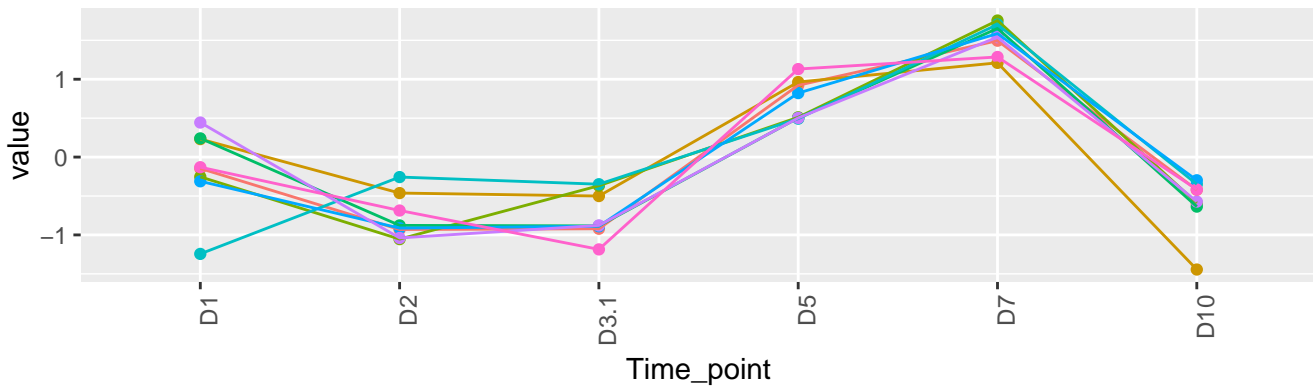
8 genes – KO-cluster-14-standardized



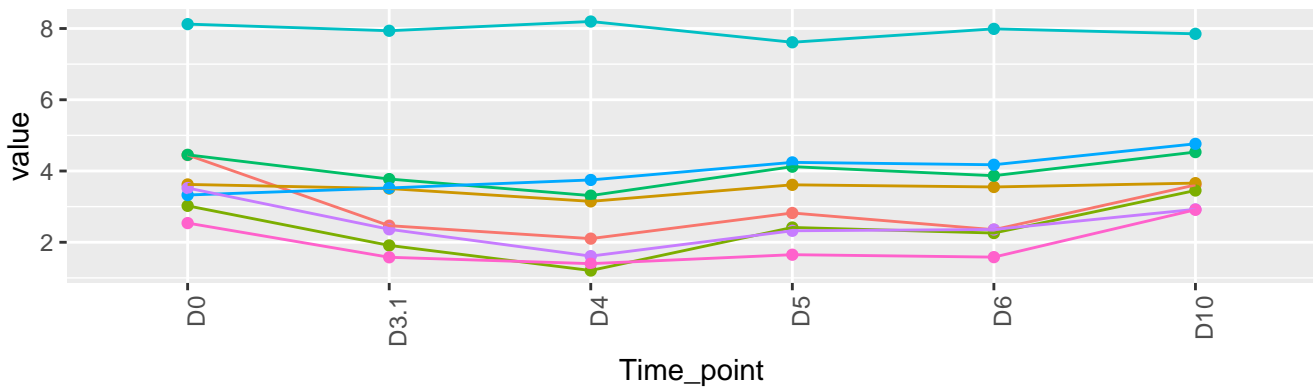
8 genes – WT-cluster-13-original



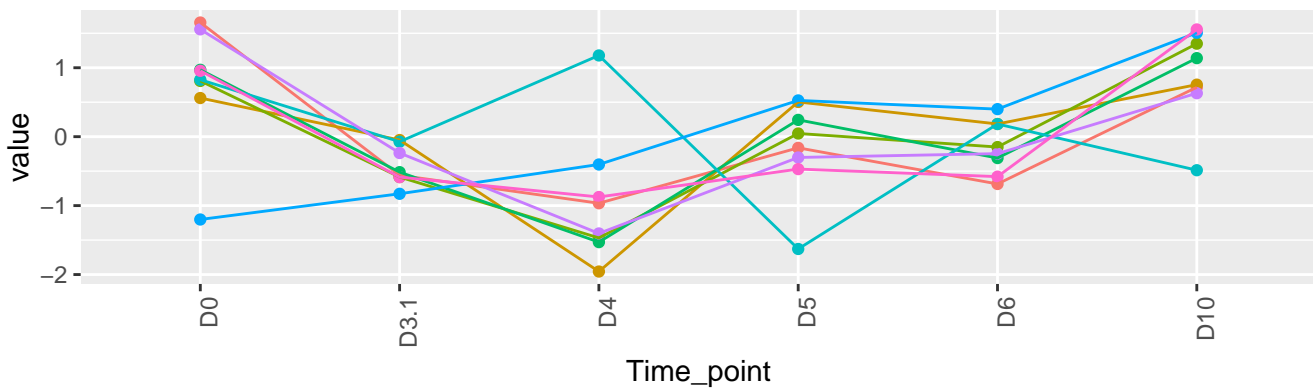
8 genes – WT-cluster-13-standardized



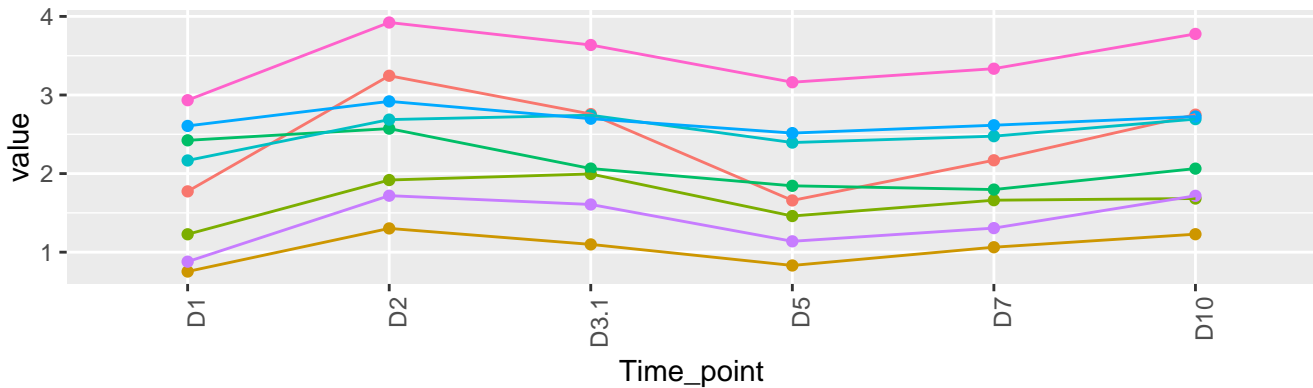
8 genes – KO-cluster-13-original



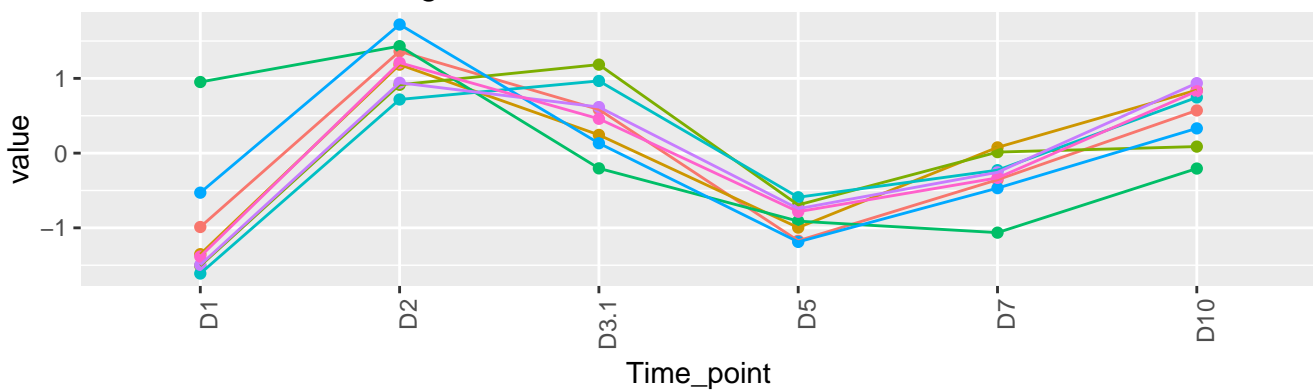
8 genes – KO-cluster-13-standardized



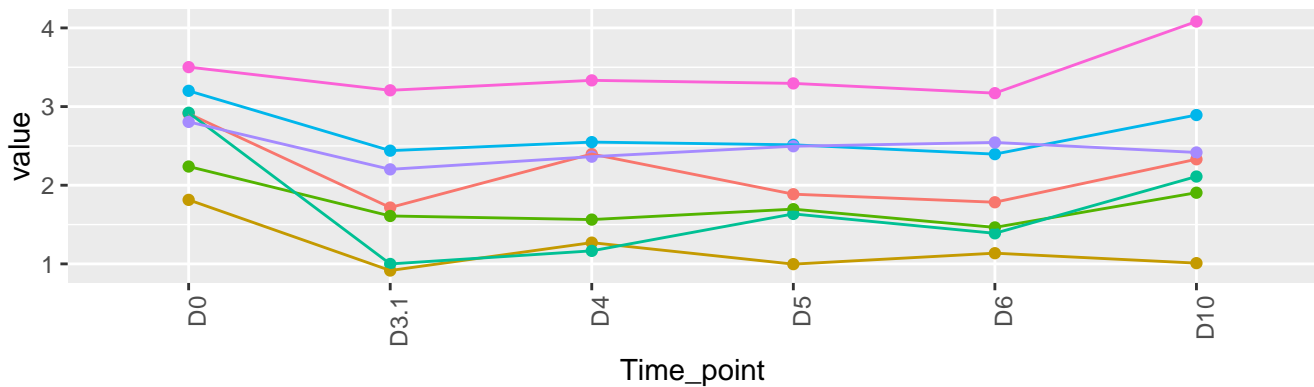
8 genes – WT-cluster-12-original



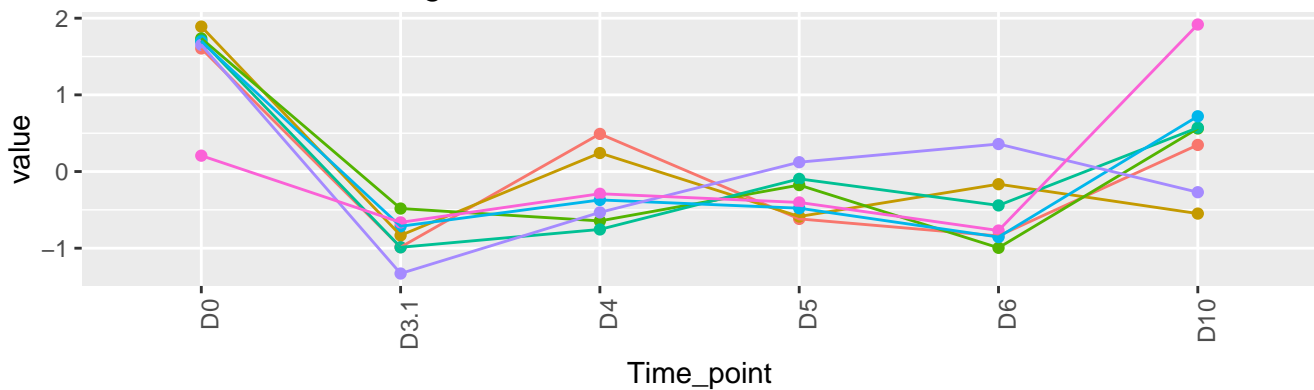
8 genes – WT-cluster-12-standardized



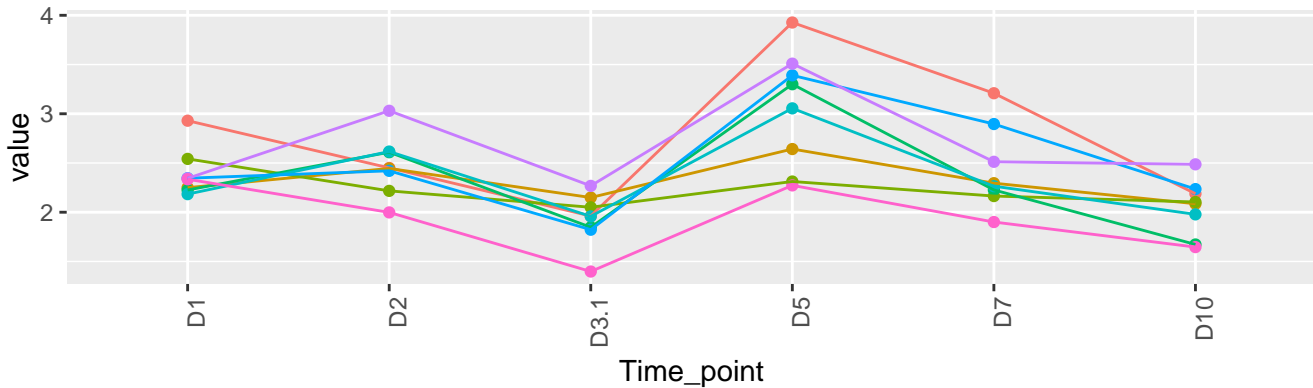
7 genes – KO-cluster-12-original



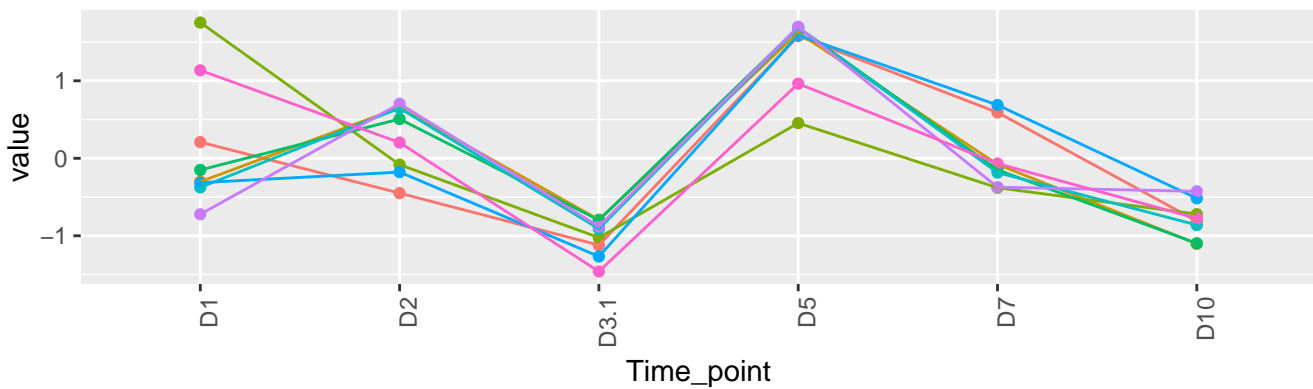
7 genes – KO-cluster-12-standardized



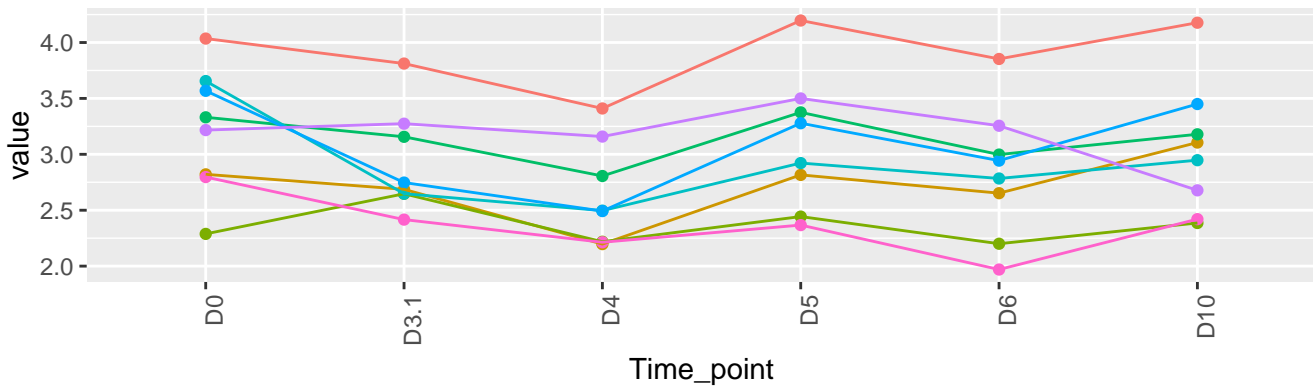
8 genes – WT-cluster-11-original



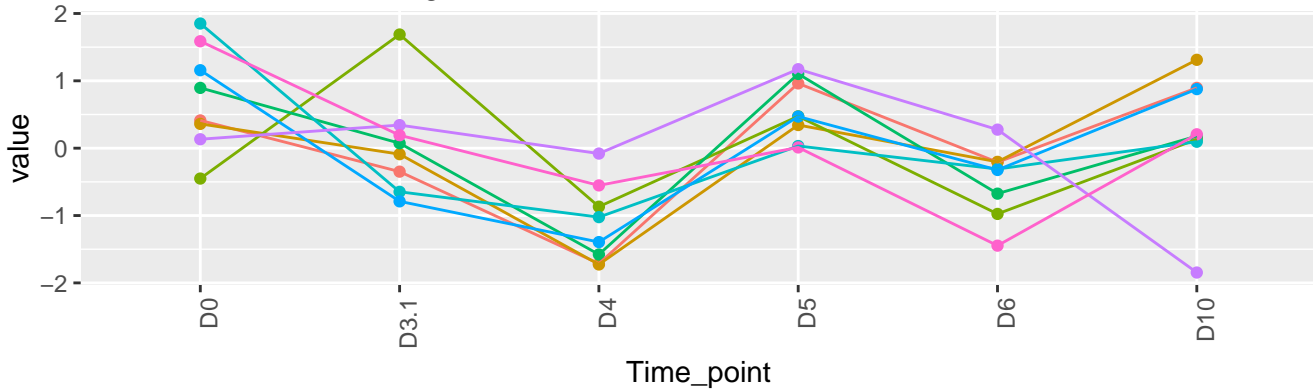
8 genes – WT-cluster-11-standardized



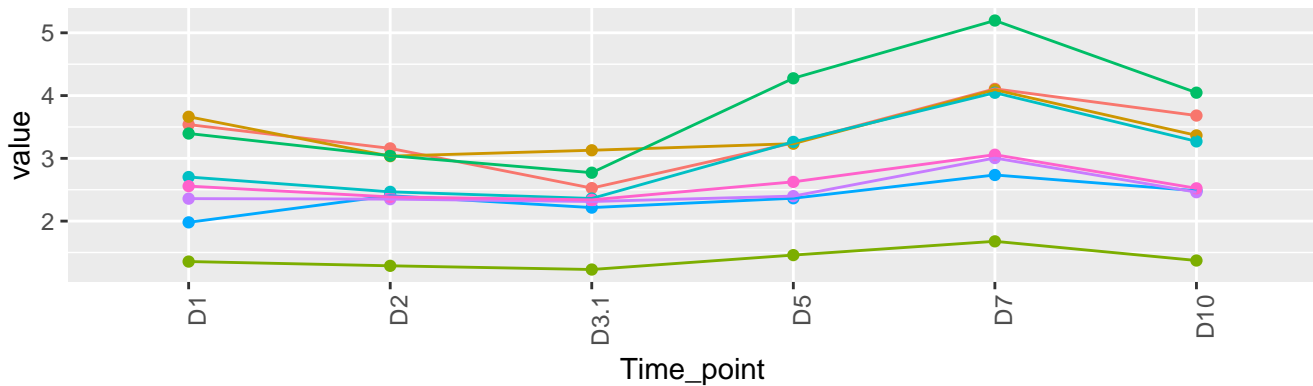
8 genes – KO-cluster-11-original



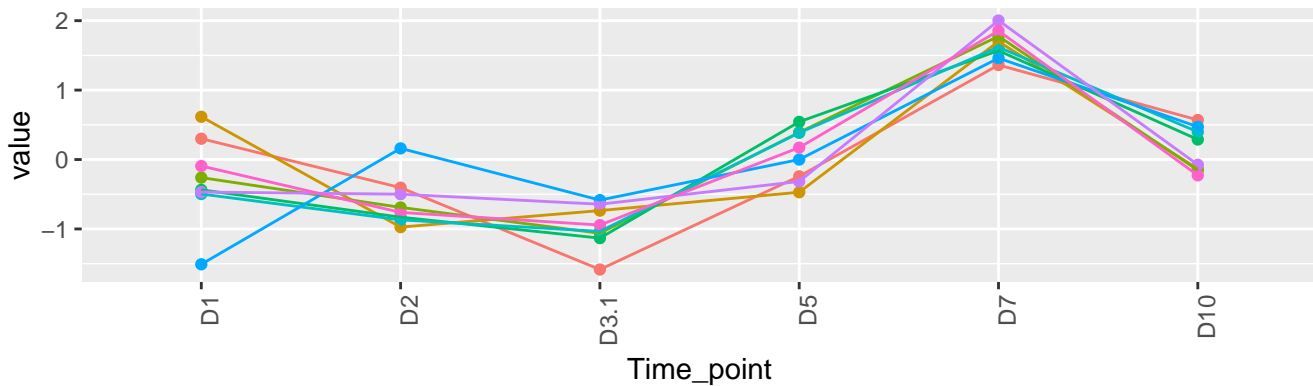
8 genes – KO-cluster-11-standardized



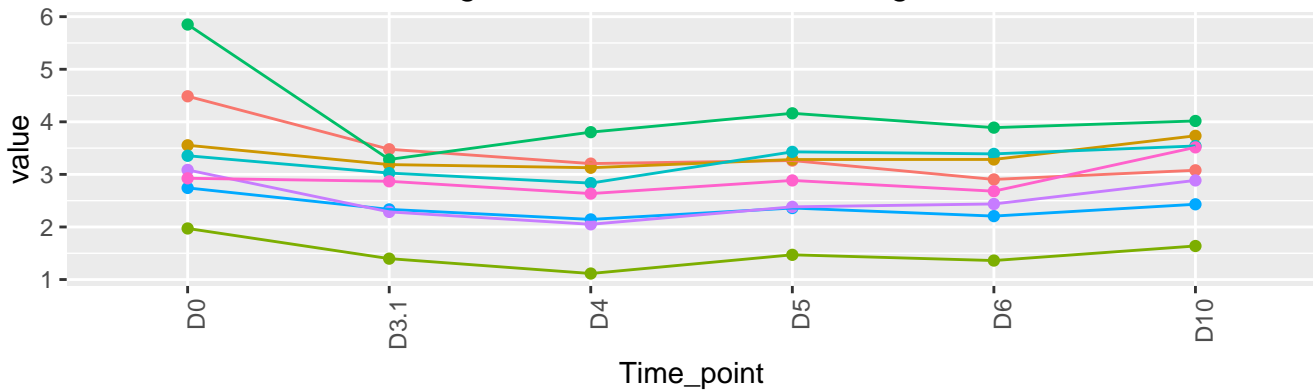
8 genes – WT-cluster-10-original



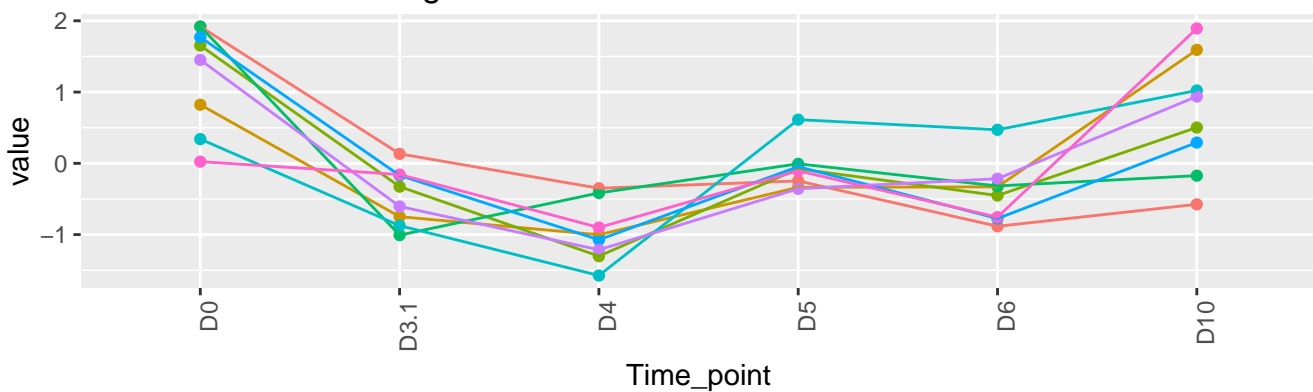
8 genes – WT-cluster-10-standardized



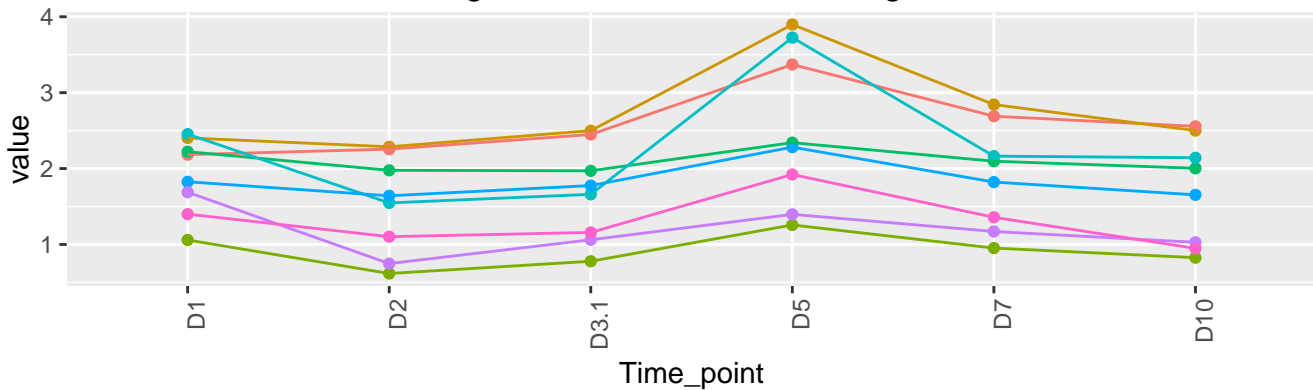
8 genes – KO-cluster-10-original



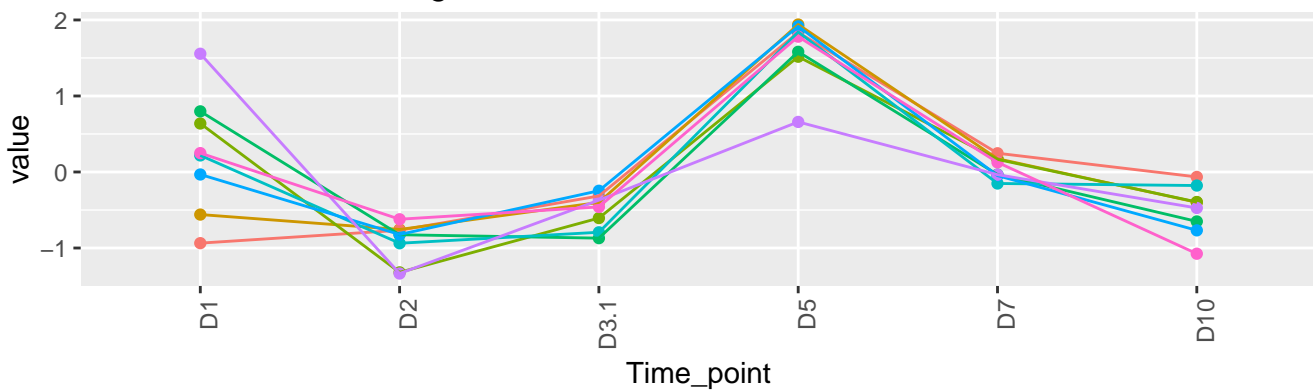
8 genes – KO-cluster-10-standardized



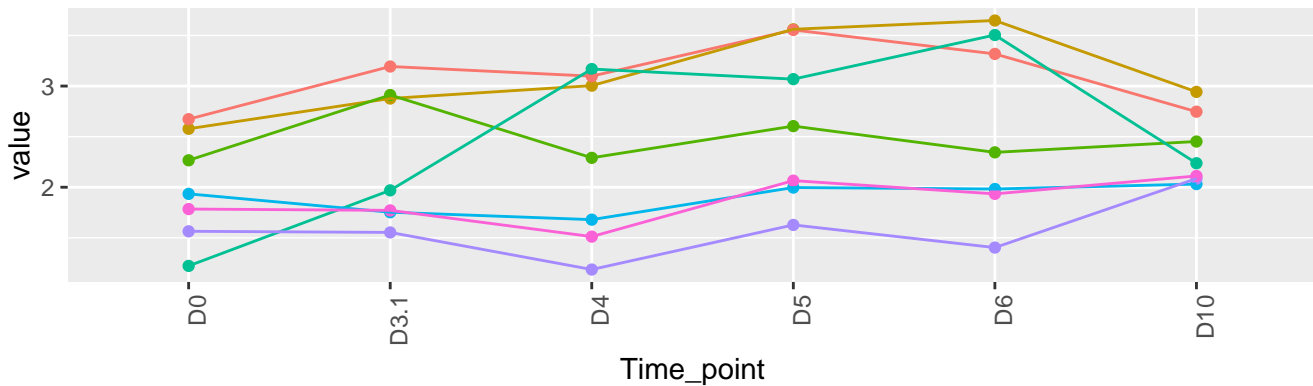
8 genes – WT-cluster-9-original



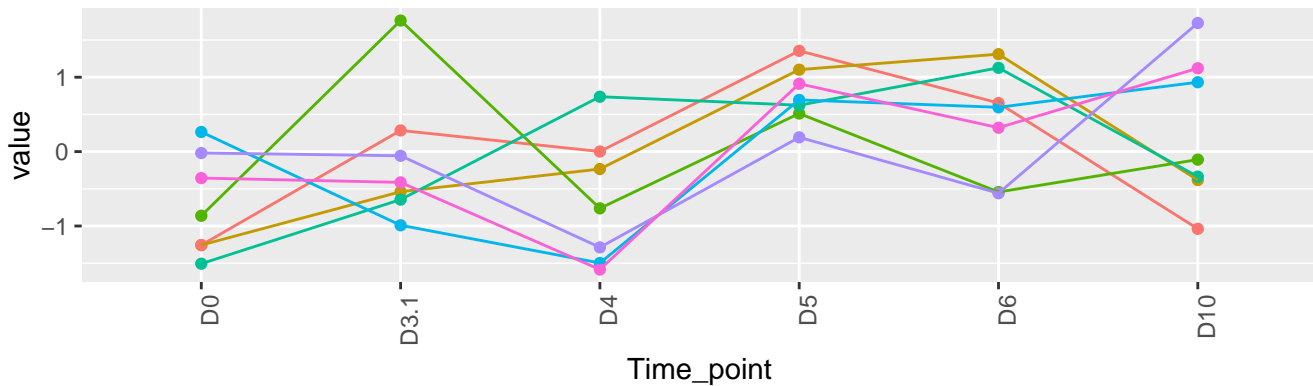
8 genes – WT-cluster-9-standardized



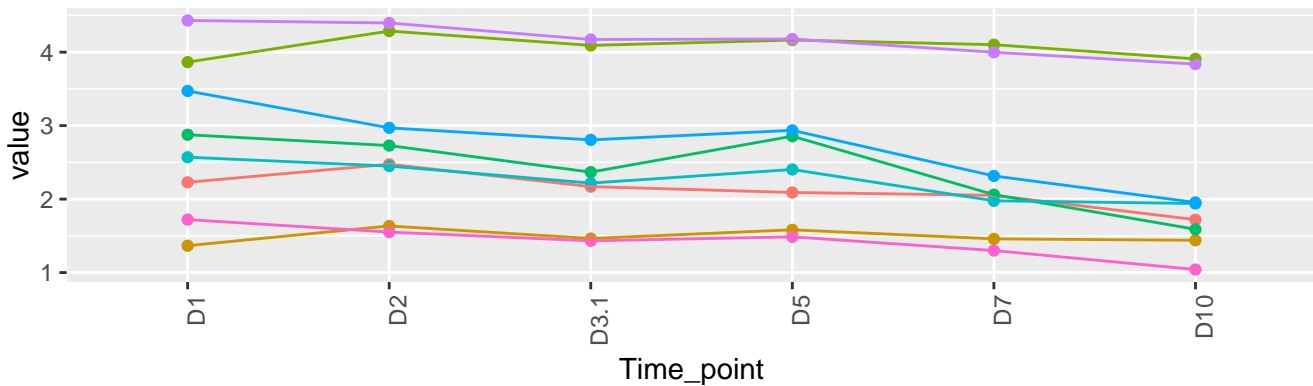
7 genes – KO-cluster-9-original



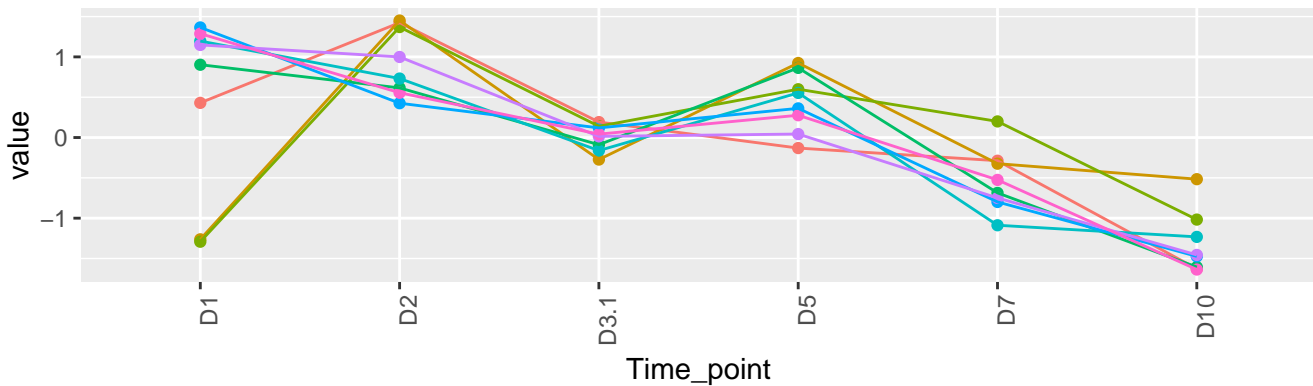
7 genes – KO-cluster-9-standardized



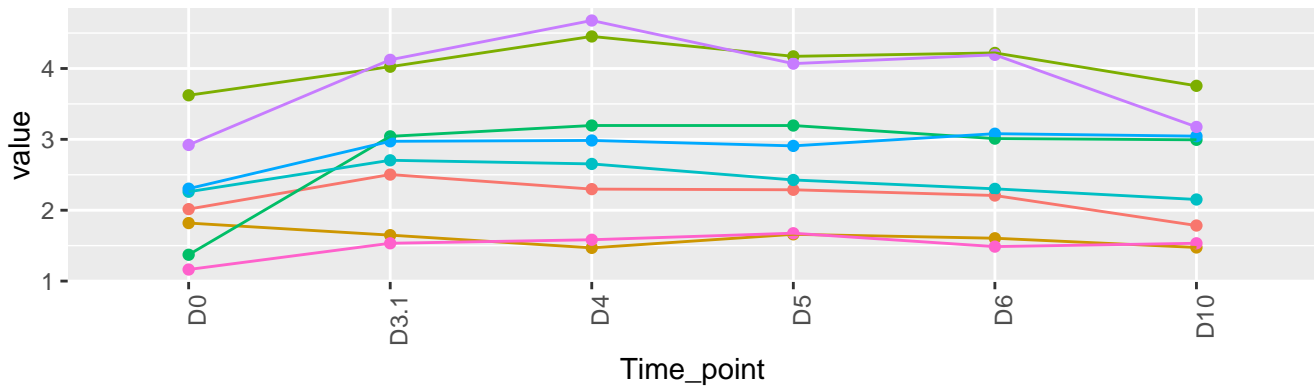
8 genes – WT-cluster-8-original



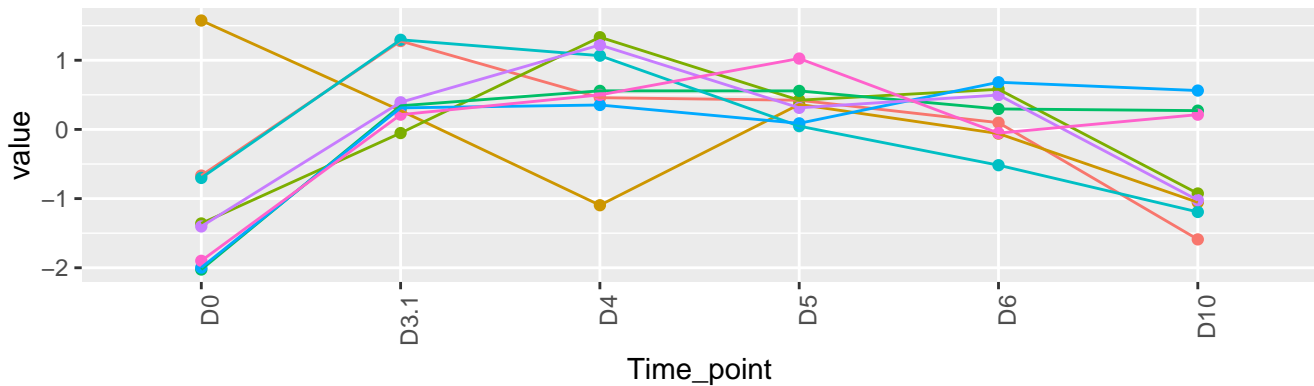
8 genes – WT-cluster-8-standardized



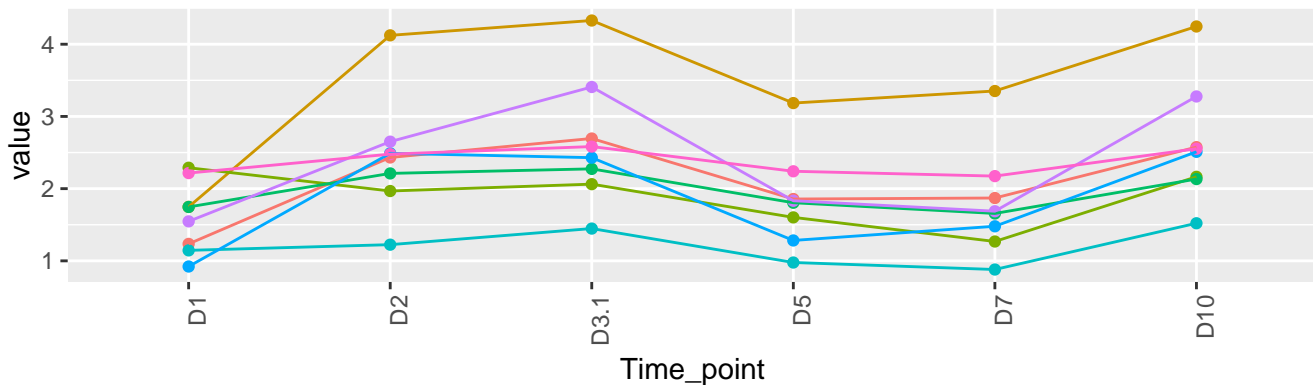
8 genes – KO-cluster-8-original



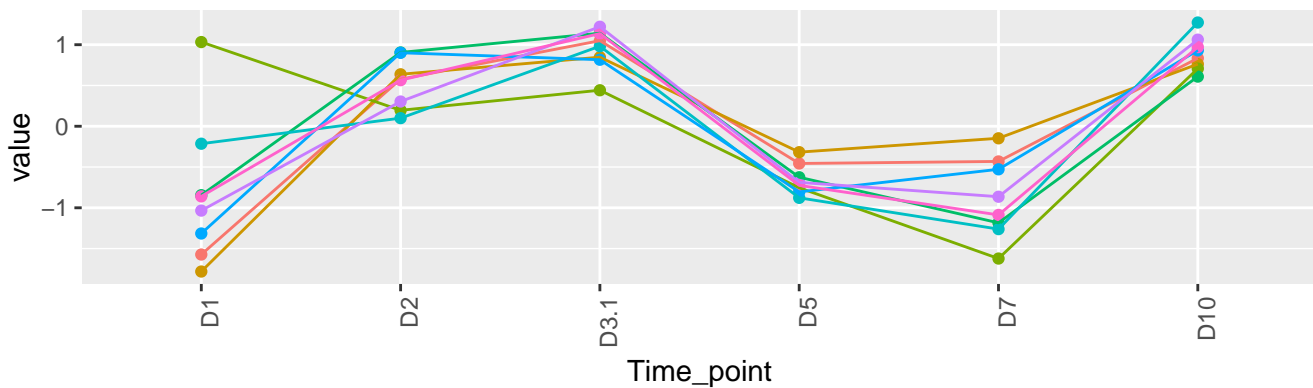
8 genes – KO-cluster-8-standardized



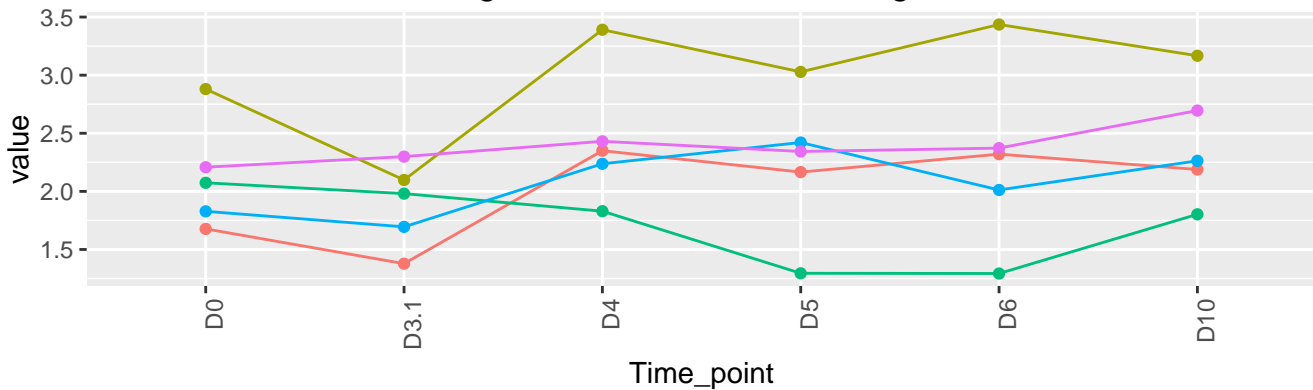
8 genes – WT-cluster-7-original



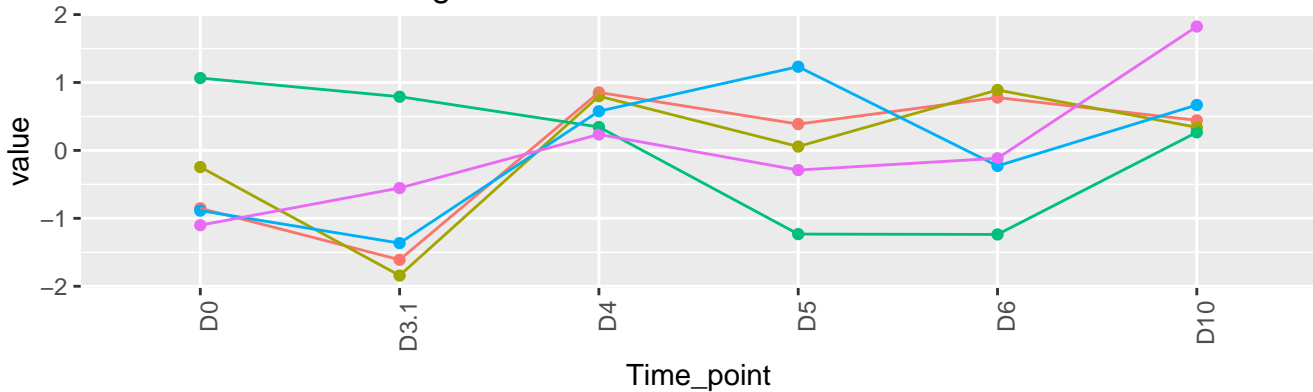
8 genes – WT-cluster-7-standardized



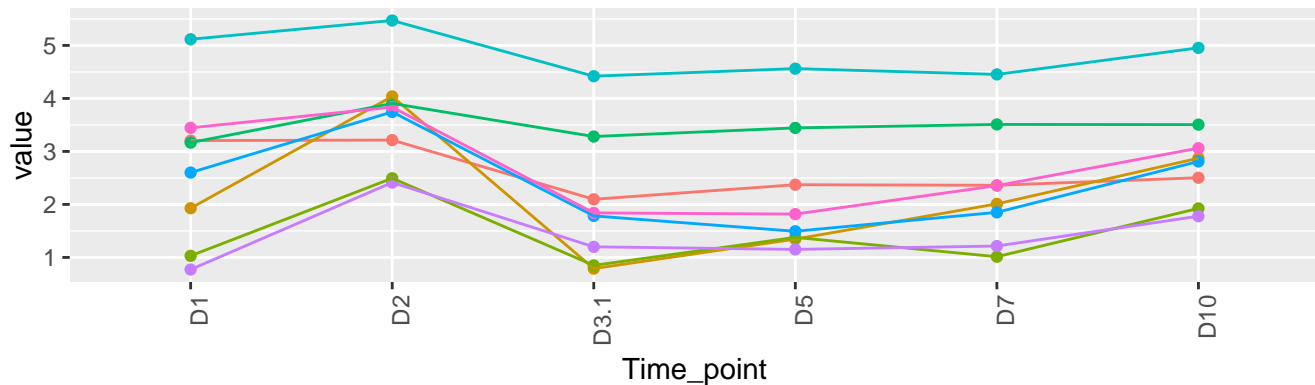
5 genes – KO-cluster-7-original



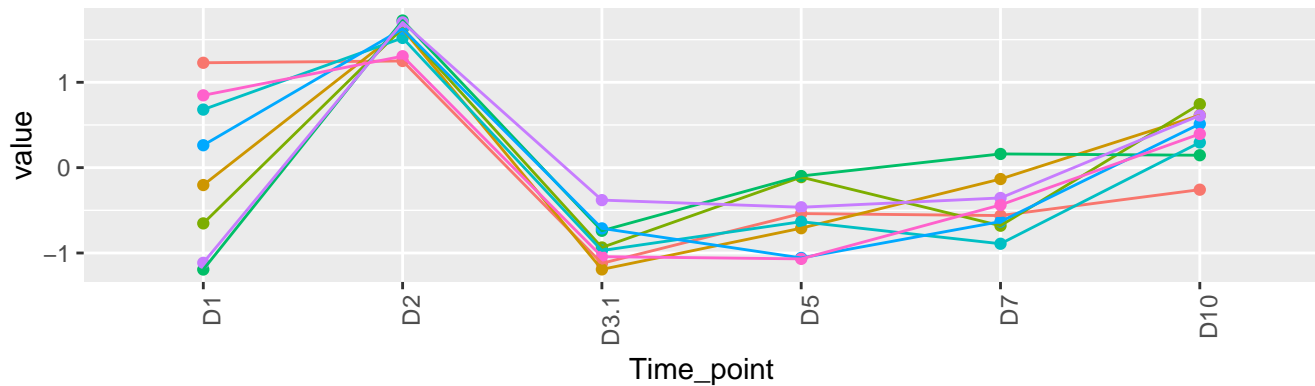
5 genes – KO-cluster-7-standardized



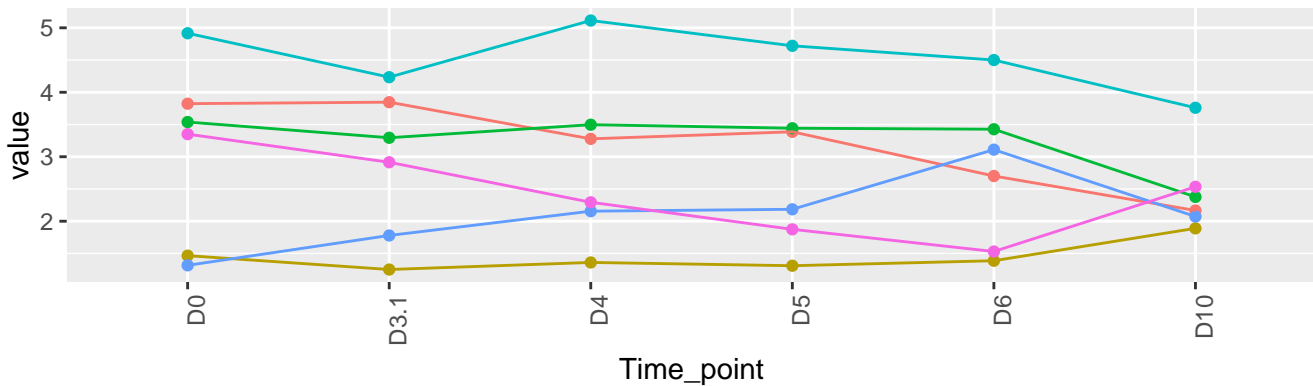
8 genes – WT-cluster-6-original



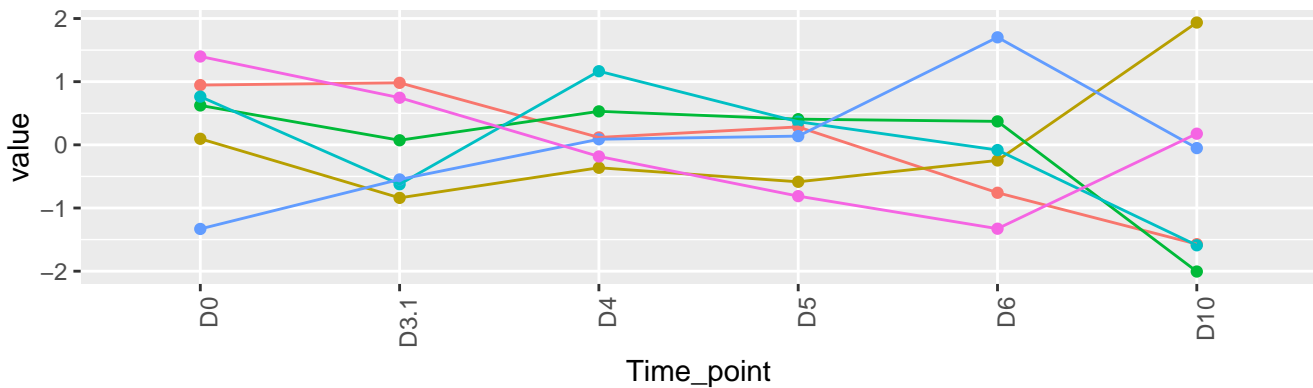
8 genes – WT-cluster-6-standardized



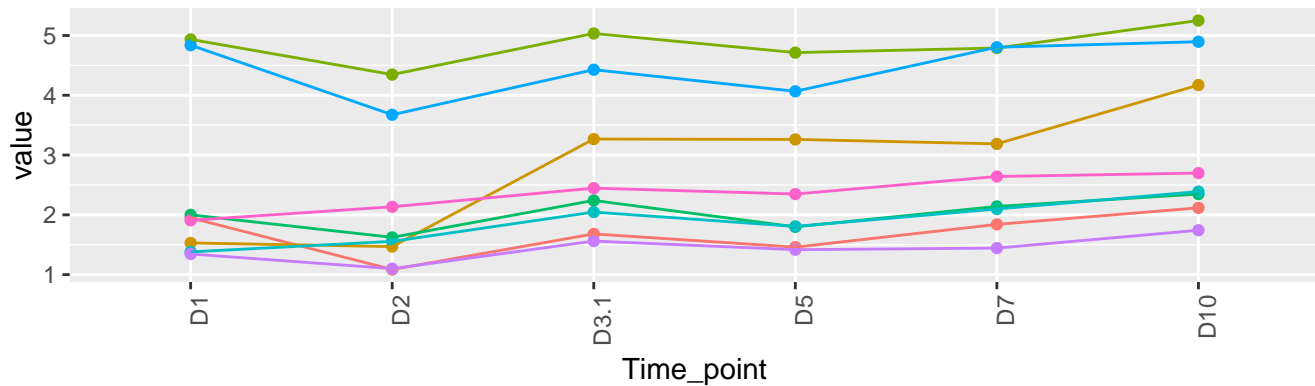
6 genes – KO-cluster-6-original



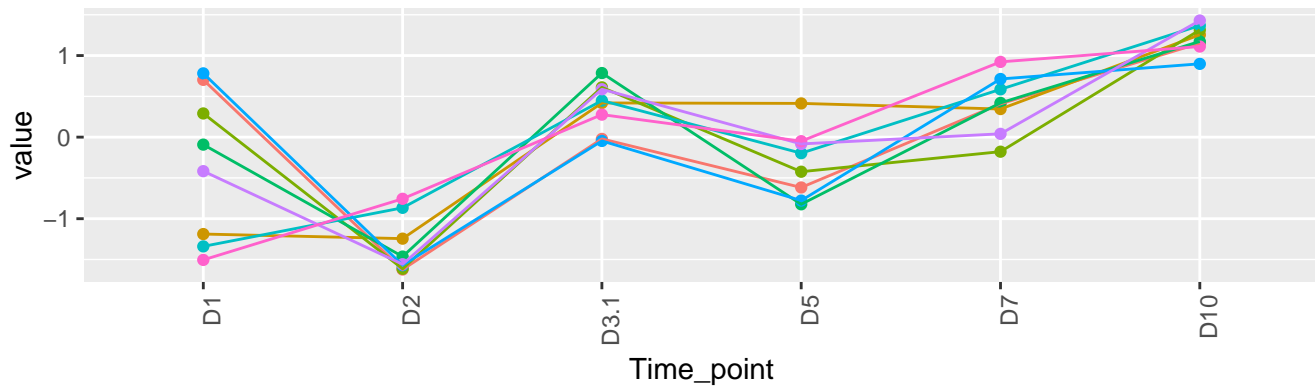
6 genes – KO-cluster-6-standardized



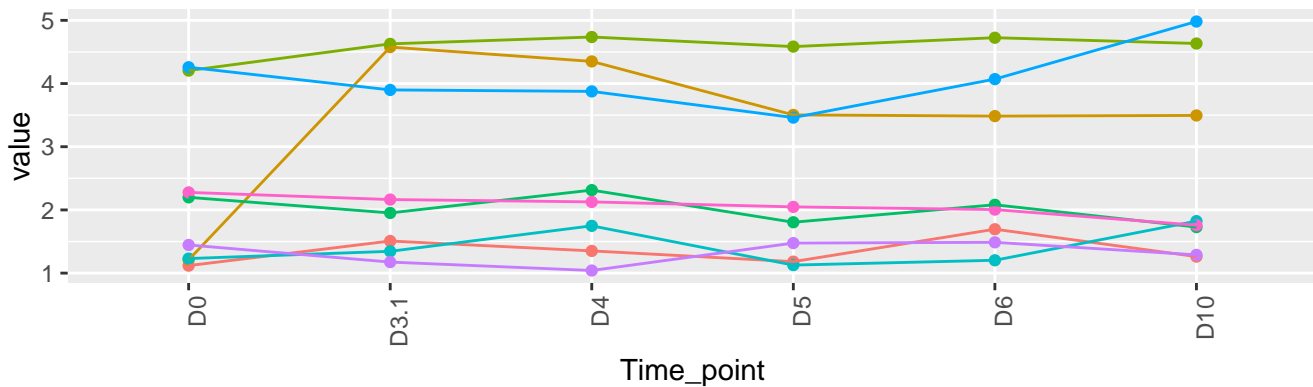
8 genes – WT-cluster-5-original



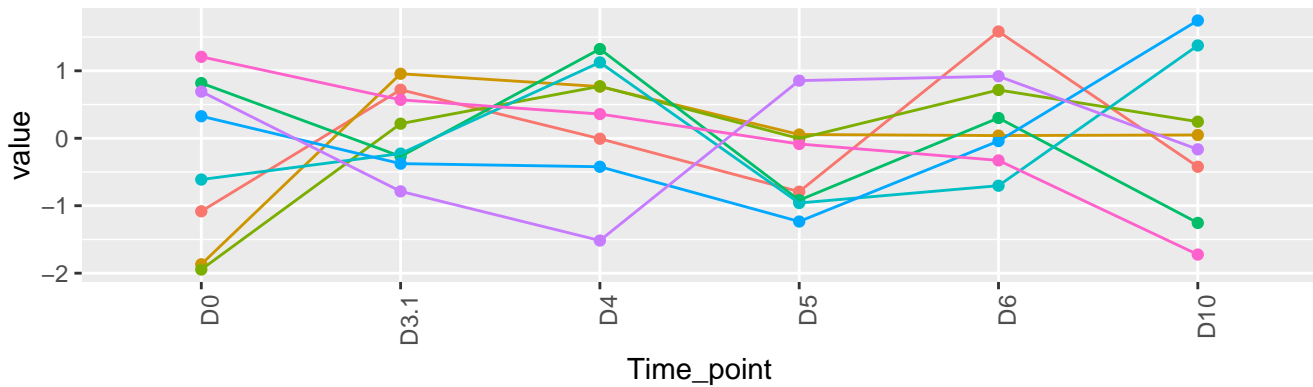
8 genes – WT-cluster-5-standardized



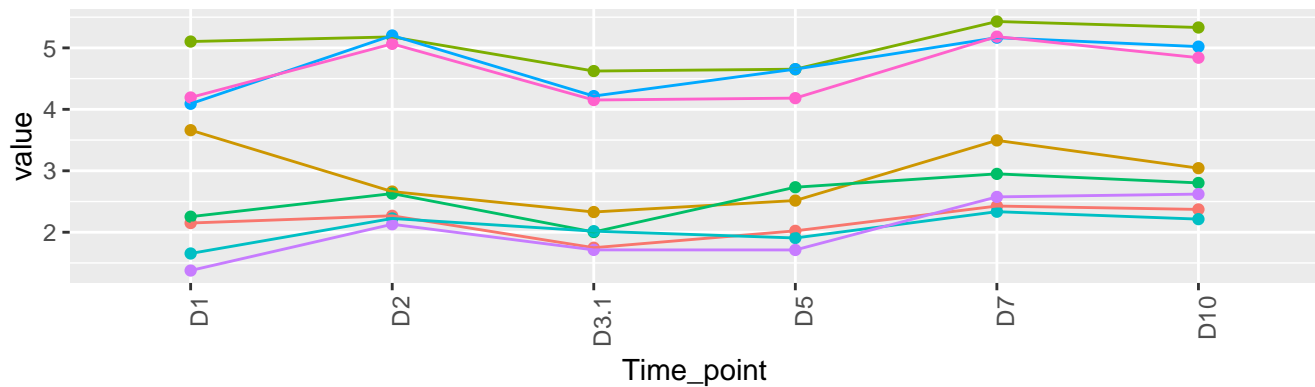
8 genes – KO-cluster-5-original



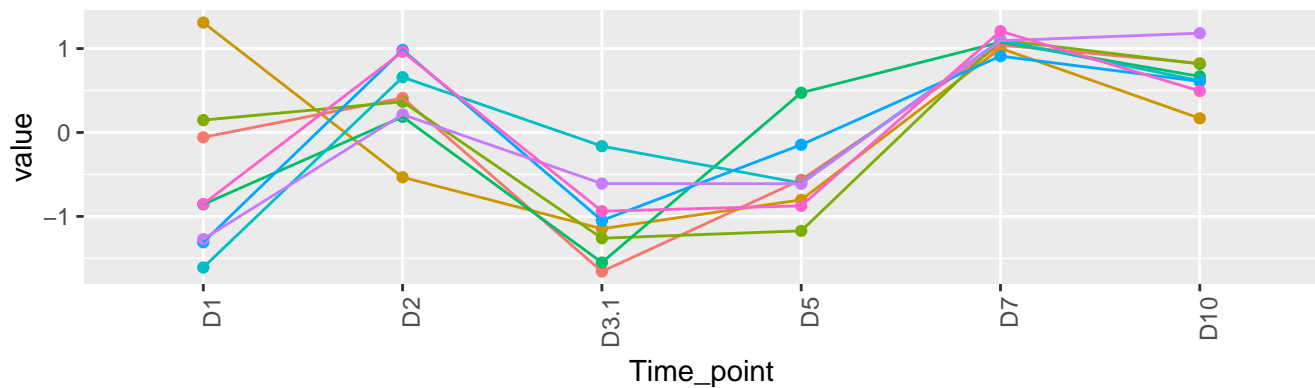
8 genes – KO-cluster-5-standardized



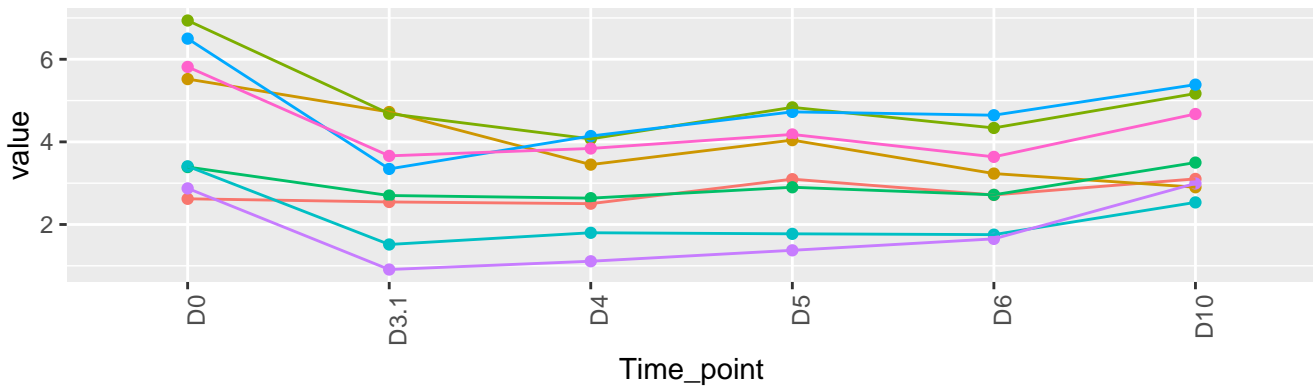
8 genes – WT-cluster-4-original



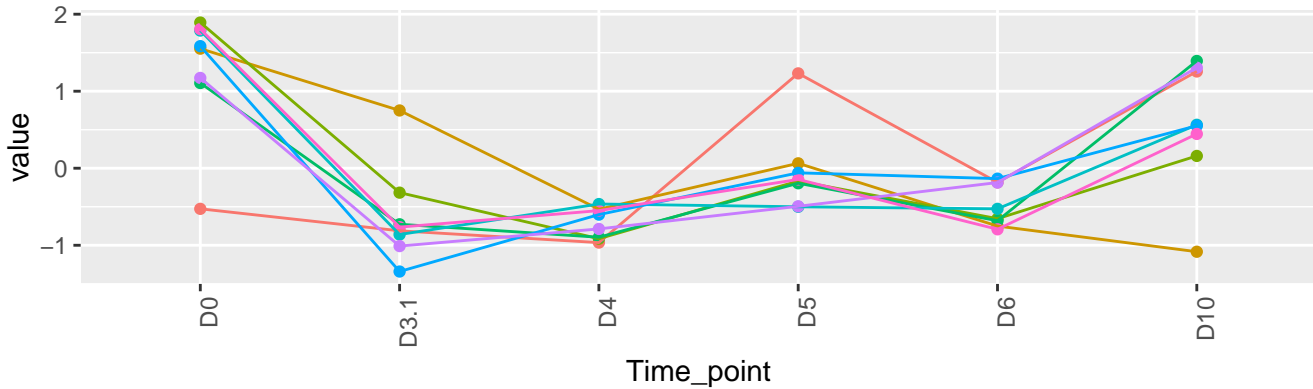
8 genes – WT-cluster-4-standardized



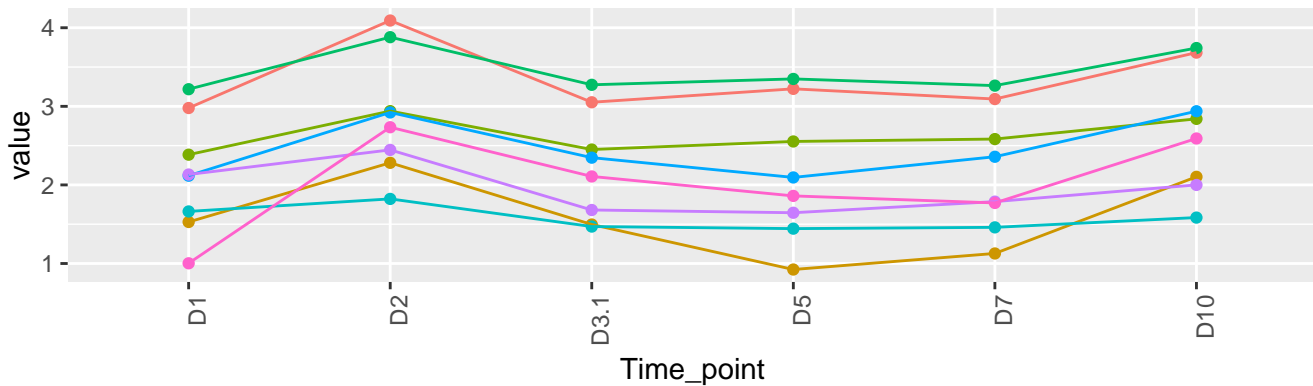
8 genes – KO-cluster-4-original



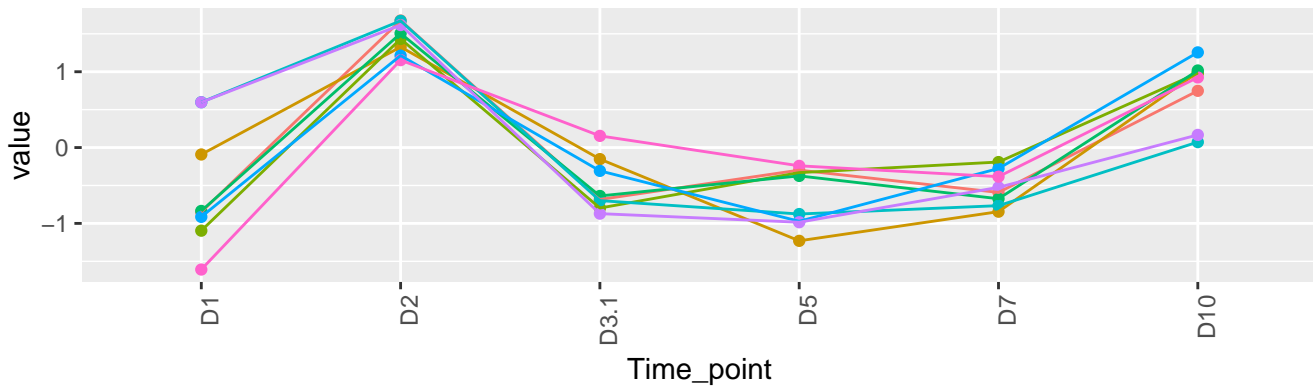
8 genes – KO-cluster-4-standardized



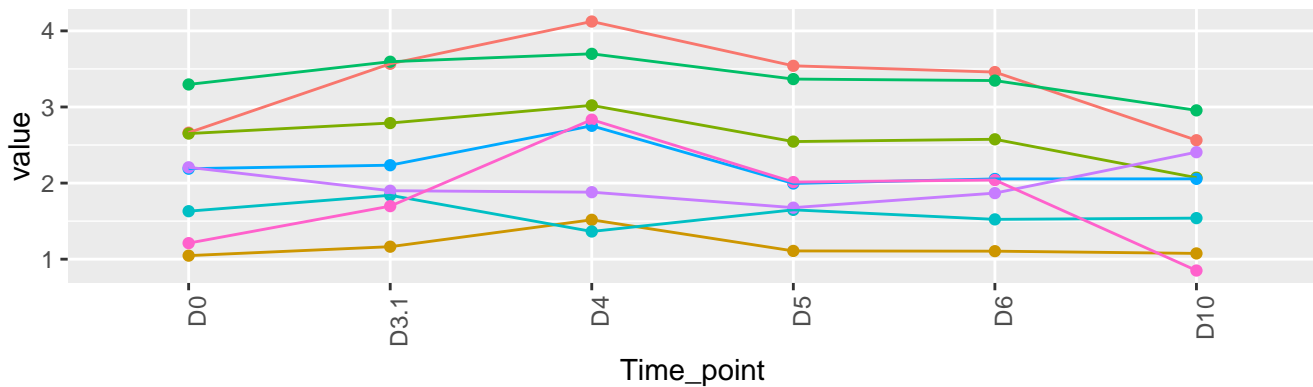
8 genes – WT-cluster-3-original



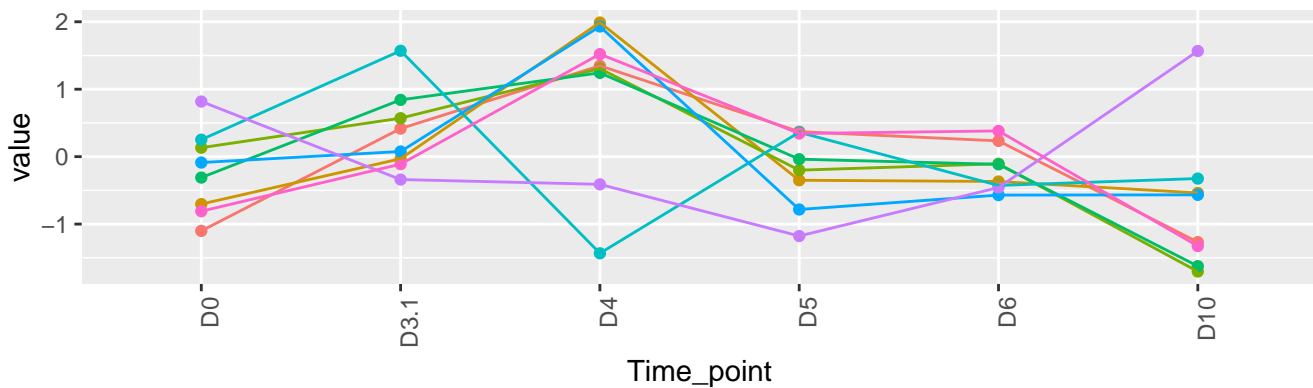
8 genes – WT-cluster-3-standardized



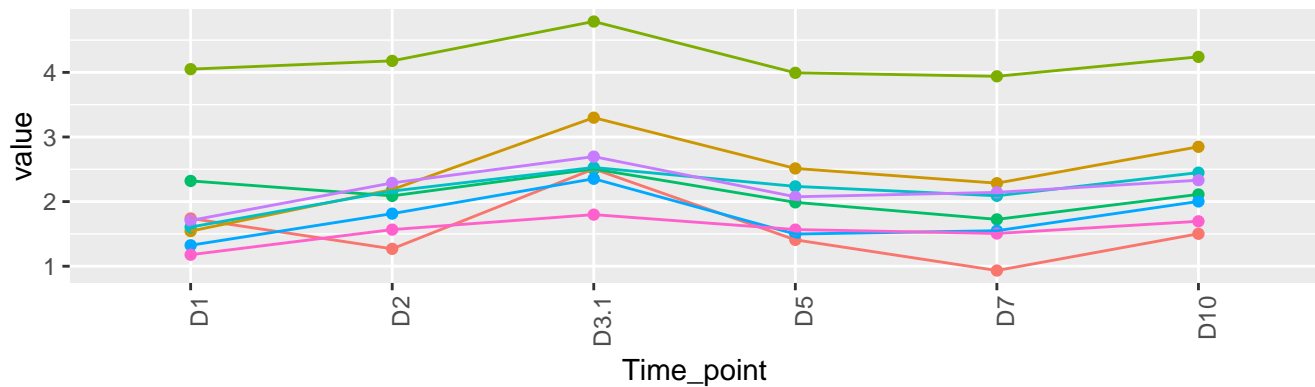
8 genes – KO-cluster-3-original



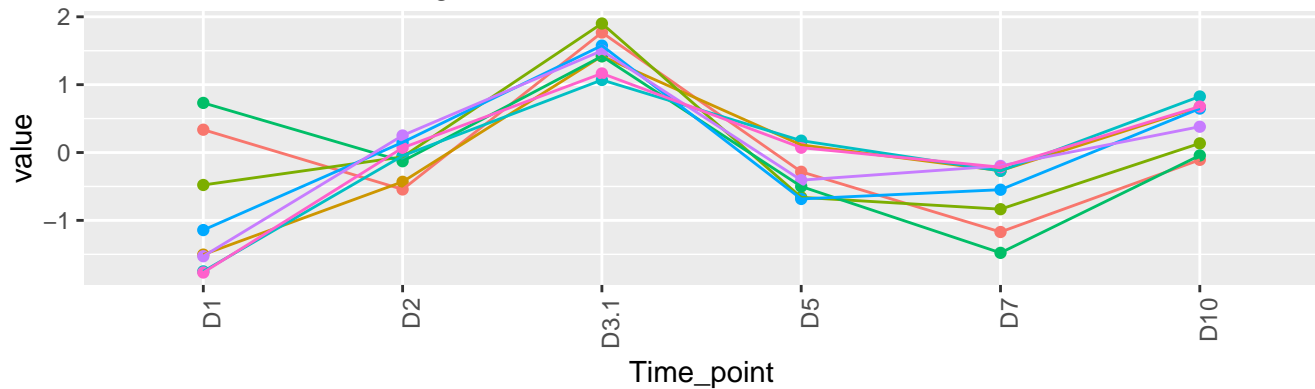
8 genes – KO-cluster-3-standardized



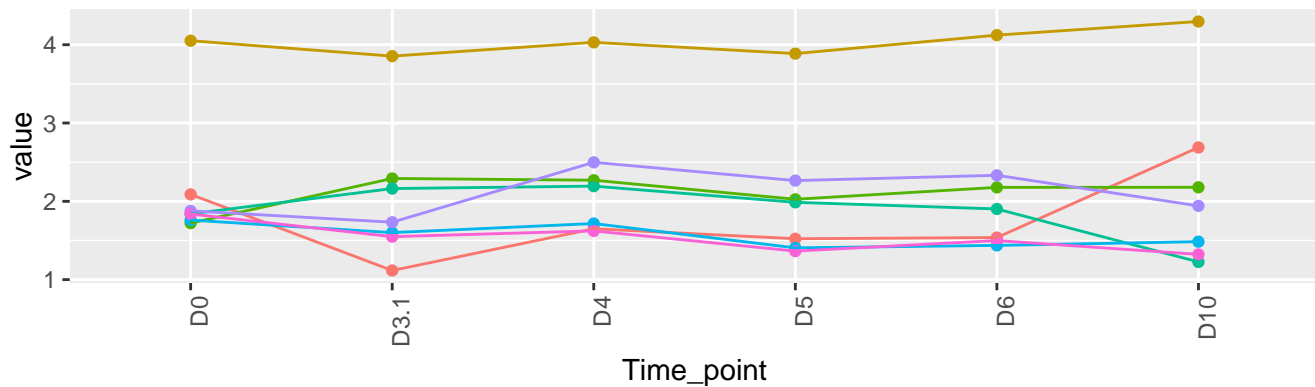
8 genes – WT-cluster-2-original



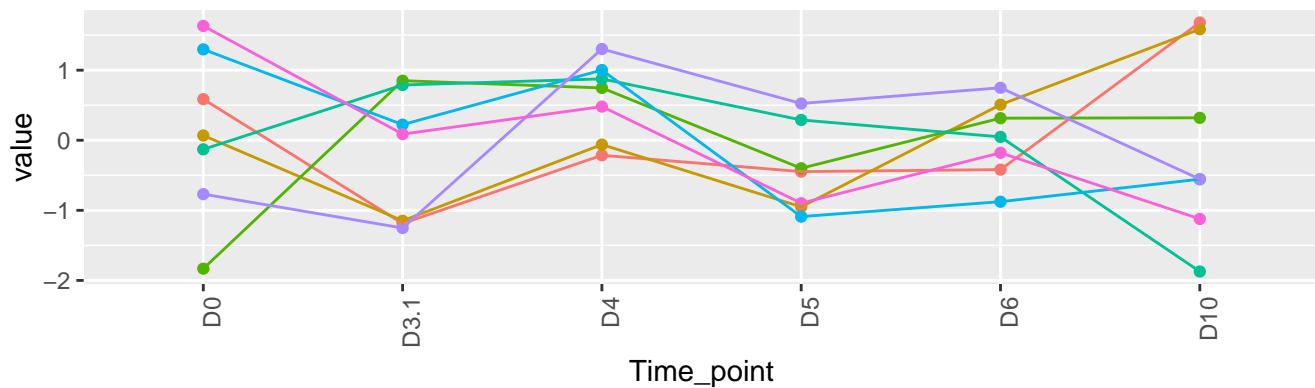
8 genes – WT-cluster-2-standardized



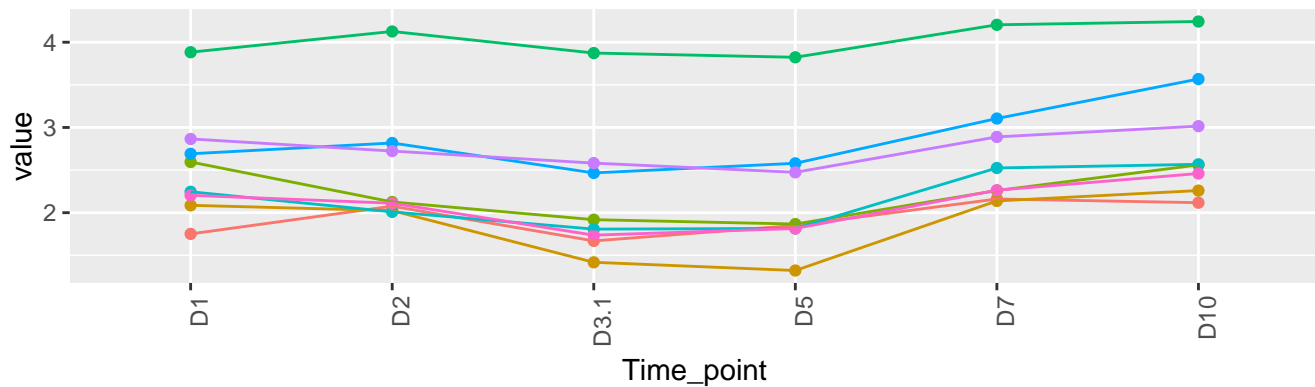
7 genes – KO-cluster-2-original



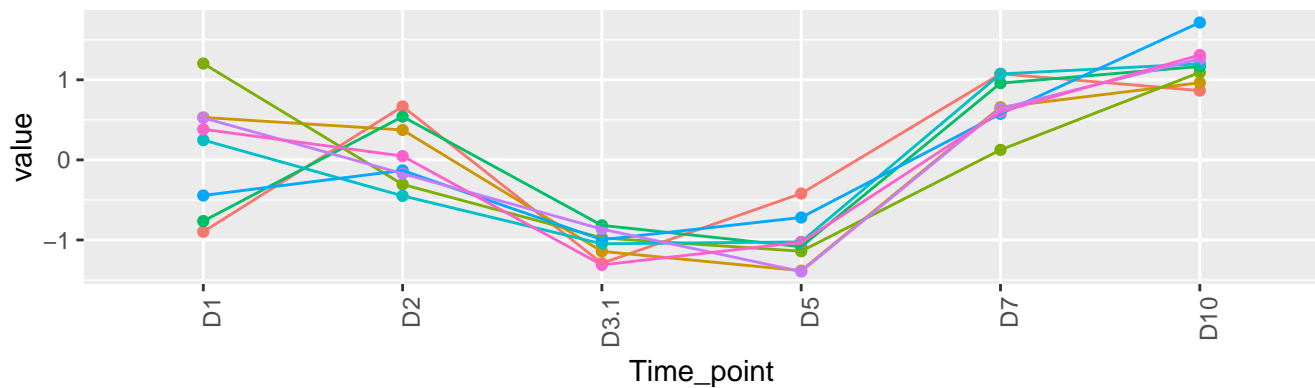
7 genes – KO-cluster-2-standardized



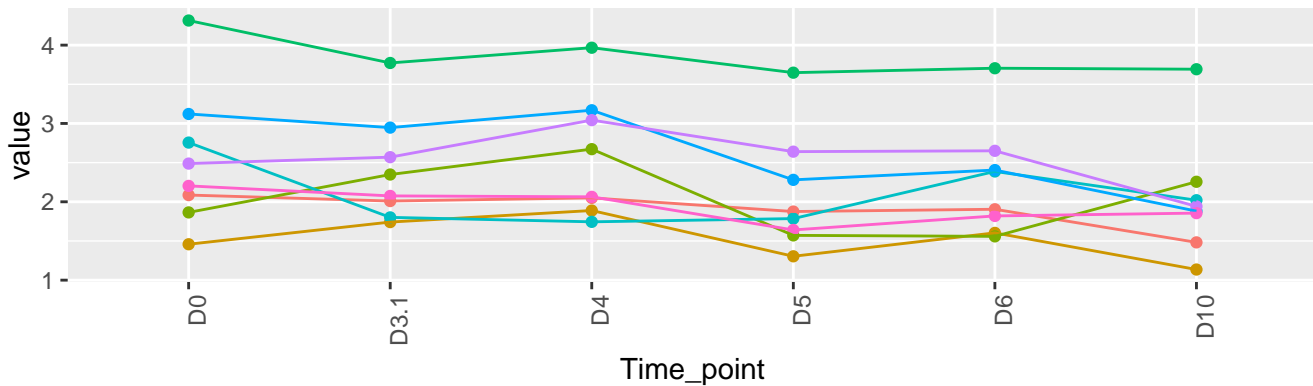
8 genes – WT-cluster-1-original



8 genes – WT-cluster-1-standardized



8 genes – KO-cluster-1-original



8 genes – KO-cluster-1-standardized

