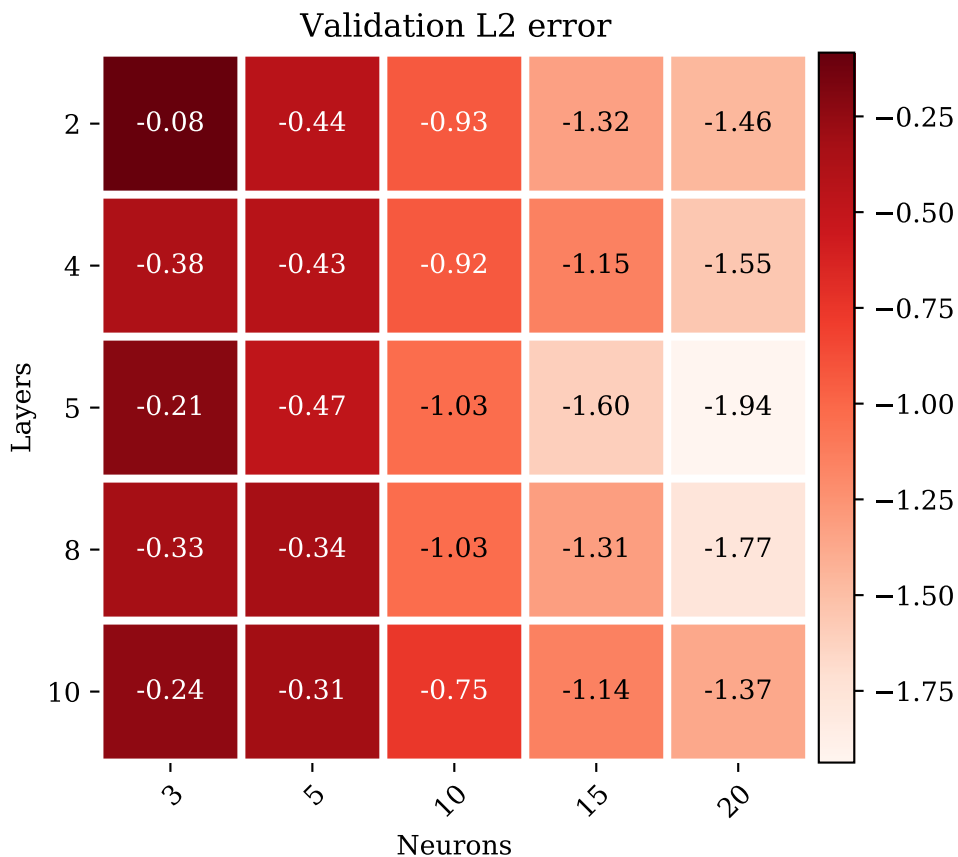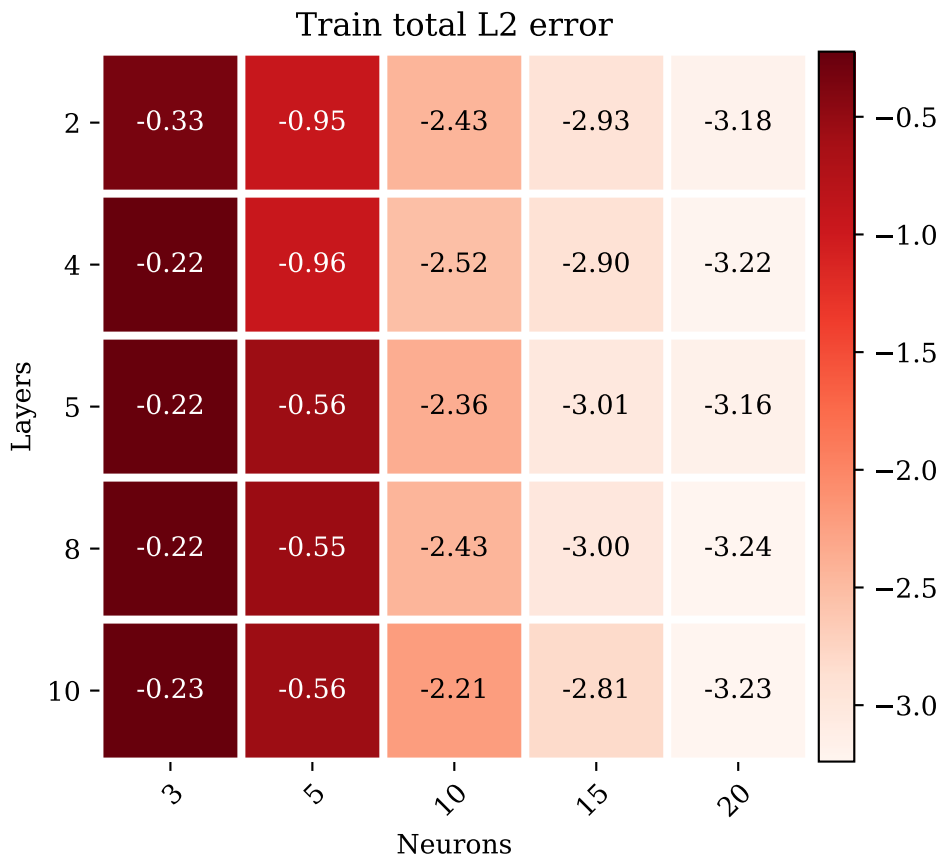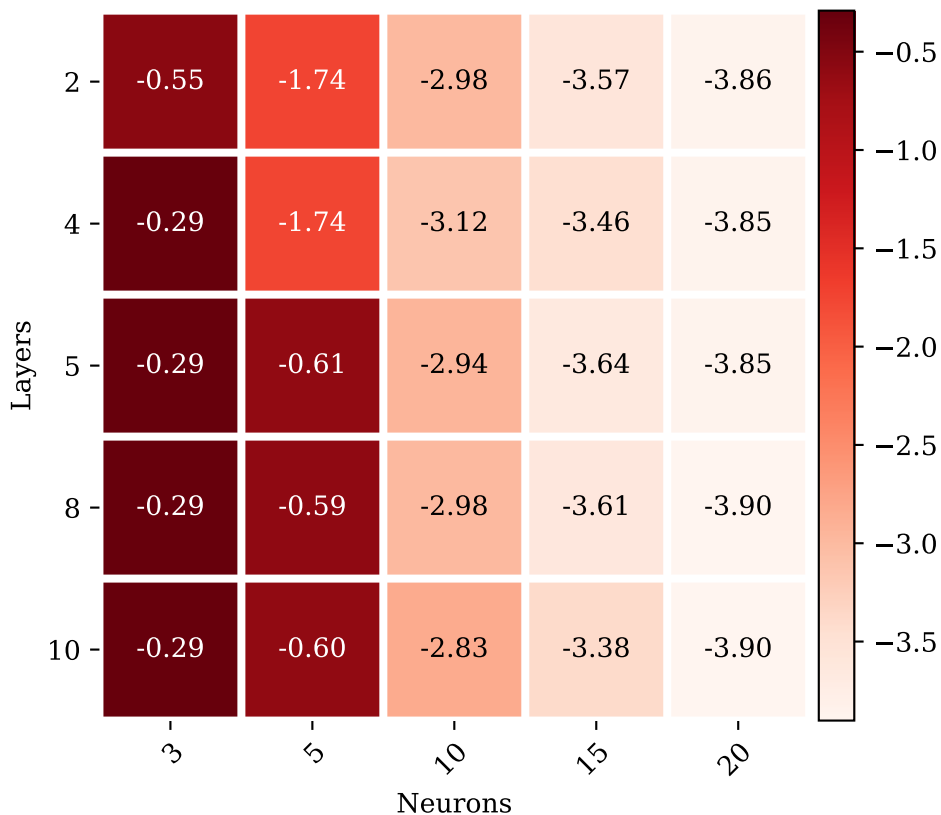Neural network's structural test:
Test duration -> 2 days, 18:34:25.764464
Adam epochs -> 500
Max L-BFGS iterations -> 2000
Train T -> 15.0 s
Train Nu -> 1000
Train Nf -> 100000
Validation points -> 3160
Validation T -> 10.0 s
Plot scale -> Log 10

Validation L2 error

Layers \ Neurons	3	5	10	15	20
2	-0.08	-0.44	-0.93	-1.32	-1.46
4	-0.38	-0.43	-0.92	-1.15	-1.55
5	-0.21	-0.47	-1.03	-1.60	-1.94
8	-0.33	-0.34	-1.03	-1.31	-1.77
10	-0.24	-0.31	-0.75	-1.14	-1.37

Train total L2 error

Layers \ Neurons	3	5	10	15	20
2	-0.33	-0.95	-2.43	-2.93	-3.18
4	-0.22	-0.96	-2.52	-2.90	-3.22
5	-0.22	-0.56	-2.36	-3.01	-3.16
8	-0.22	-0.55	-2.43	-3.00	-3.24
10	-0.23	-0.56	-2.21	-2.81	-3.23

Train u L2 error

Train f L2 error