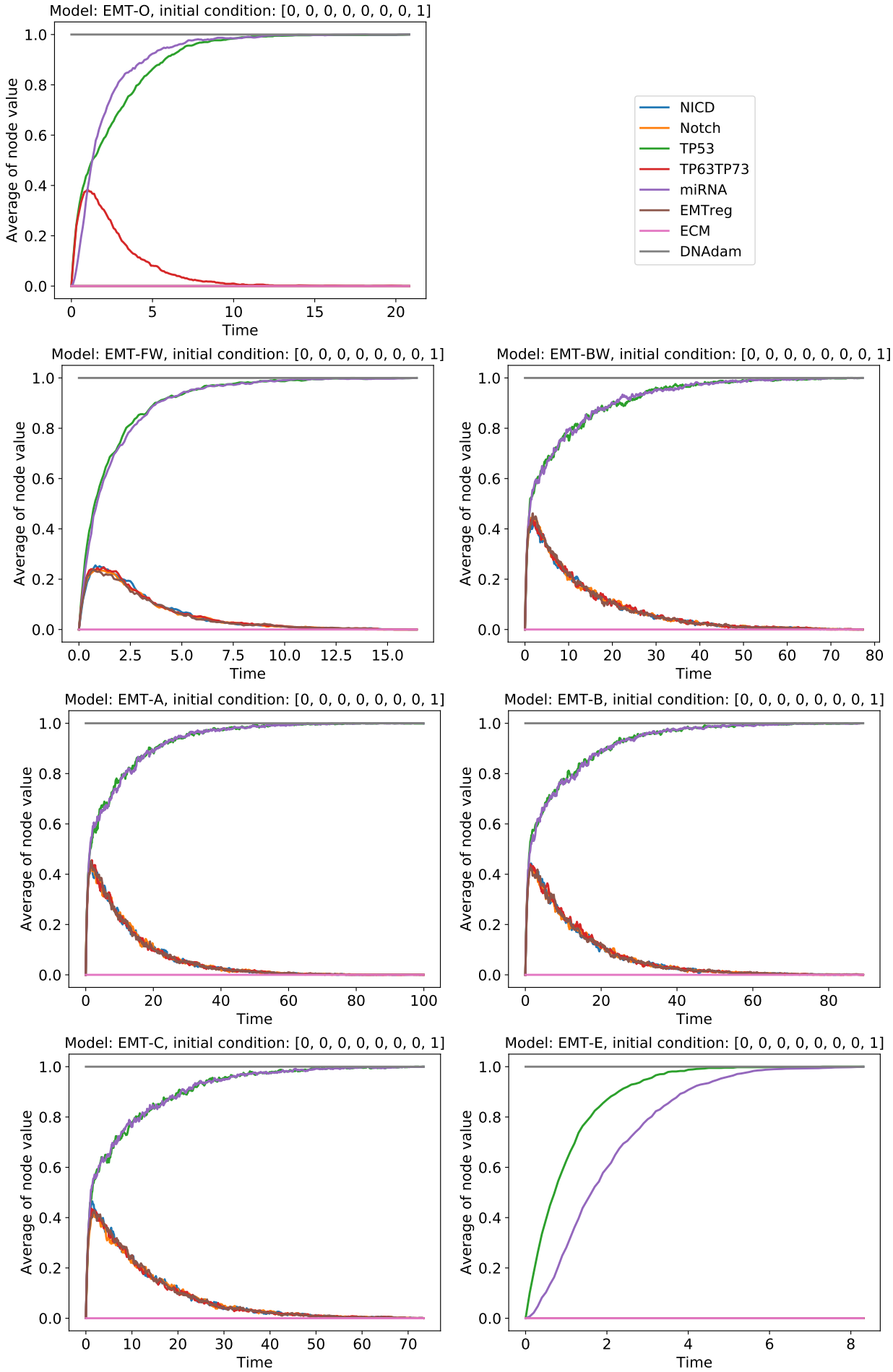
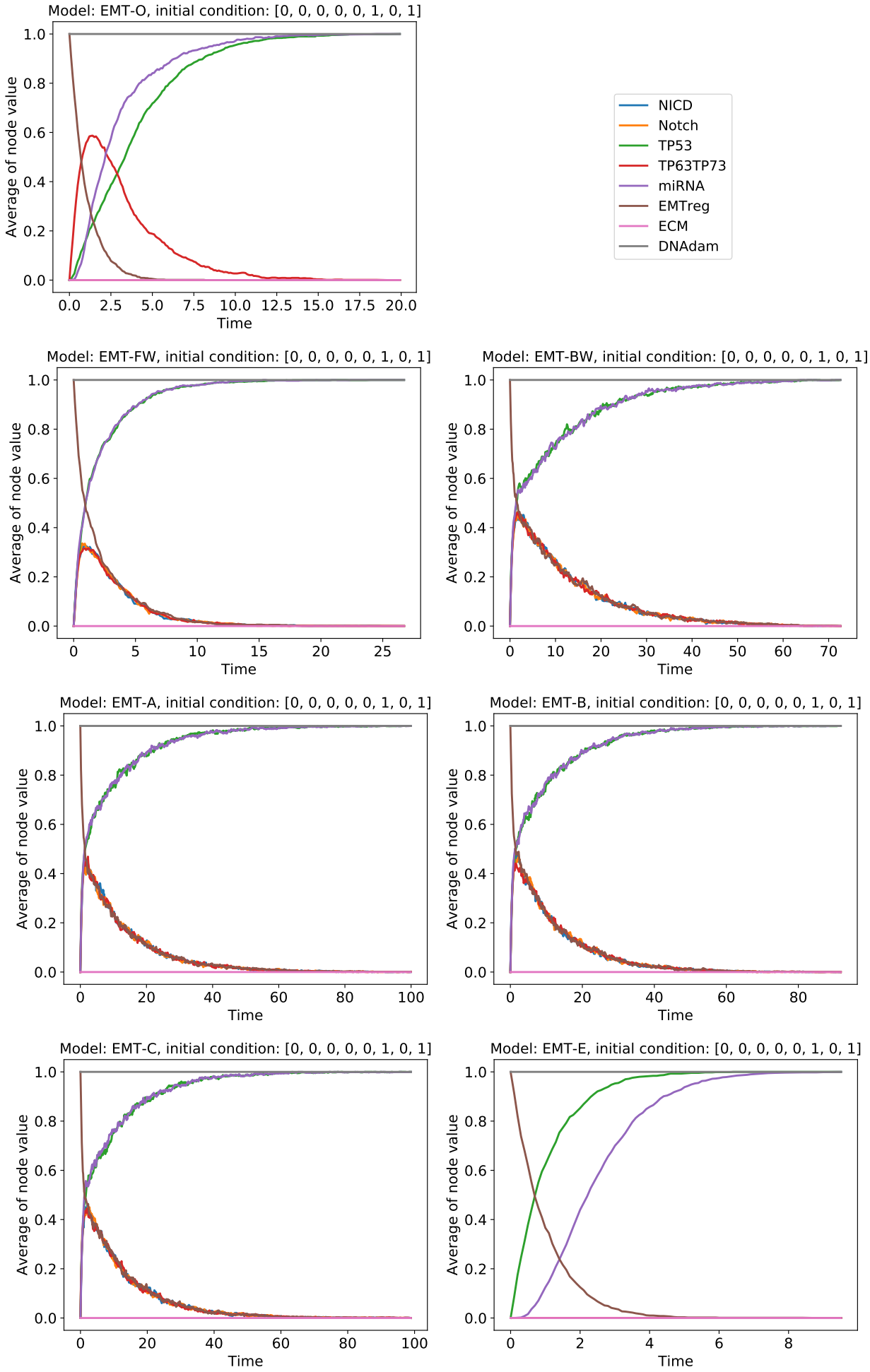
Parameter set $(\mathrm{ECM}, \mathrm{DNAdam}) = (0, 1)$:

Steady state: $(0, 0, 1, 0, 1, 0, 0, 1)$

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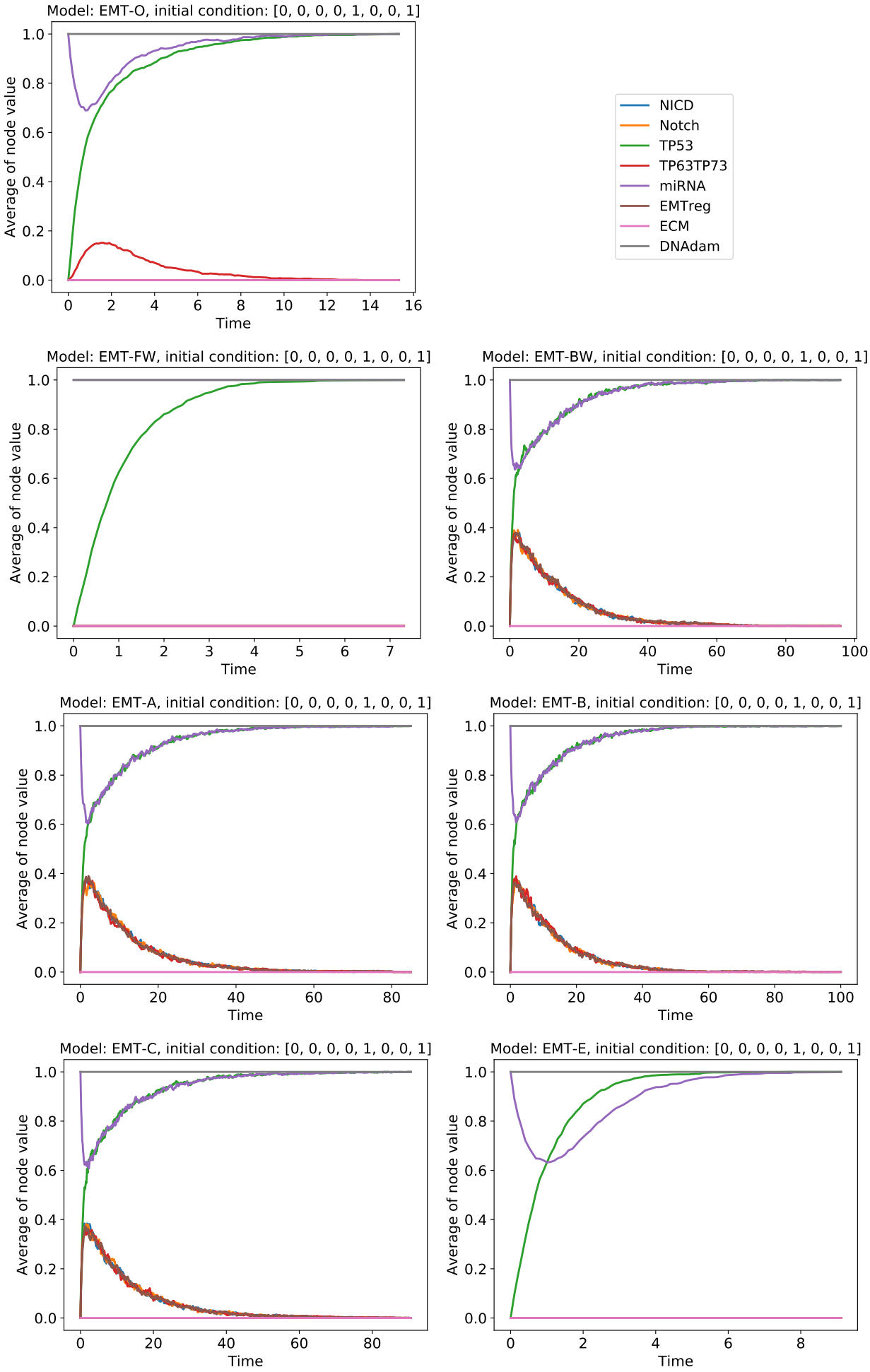
Model: EMT-FW, initial condition: [0, 0, 0, 0, 0, 1, 0, 1]
Model: EMT-BW, initial condition: [0, 0, 0, 0, 0, 1, 0, 1]
Model: EMT-A, initial condition: [0, 0, 0, 0, 0, 1, 0, 1]
Model: EMT-B, initial condition: [0, 0, 0, 0, 0, 1, 0, 1]
Model: EMT-C, initial condition: [0, 0, 0, 0, 0, 1, 0, 1]
Model: EMT-E, initial condition: [0, 0, 0, 0, 0, 1, 0, 1]
Average of node value
Time
NICD
Notch
TP53
TP63TP73
miRNA
EMTreg
ECM
DNAdam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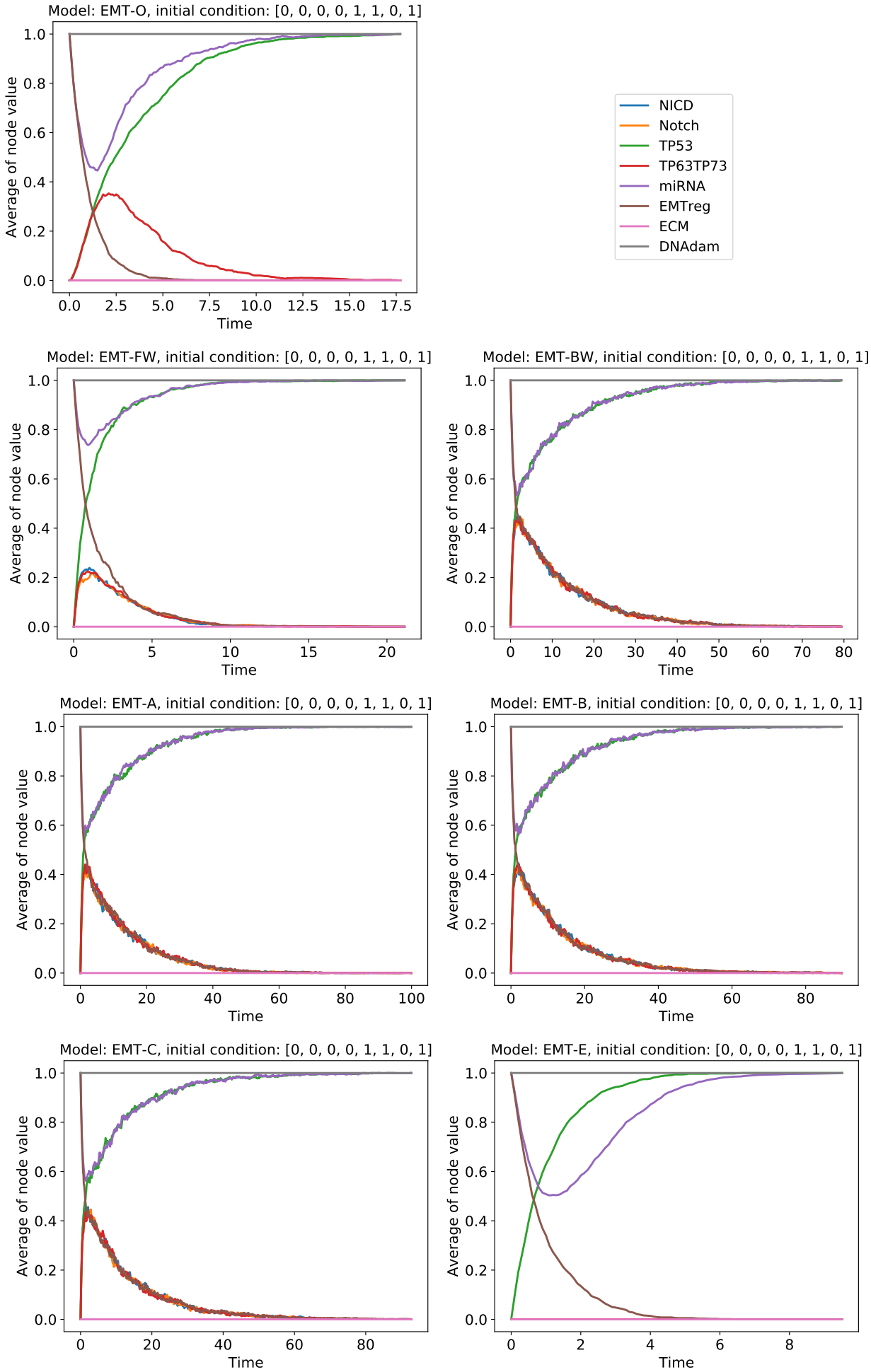
Model: EMT-FW, initial condition: [0, 0, 0, 0, 1, 0, 0, 1]
Model: EMT-BW, initial condition: [0, 0, 0, 0, 1, 0, 0, 1]
Model: EMT-A, initial condition: [0, 0, 0, 0, 1, 0, 0, 1]
Model: EMT-B, initial condition: [0, 0, 0, 0, 1, 0, 0, 1]
Model: EMT-C, initial condition: [0, 0, 0, 0, 1, 0, 0, 1]
Model: EMT-E, initial condition: [0, 0, 0, 0, 1, 0, 0, 1]
Average of node value
Time
NICD
Notch
TP53
TP63TP73
miRNA
EMTreg
ECM
DNAdam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Model: EMT-BW, initial condition: [0, 0, 0, 0, 1, 1, 0, 1]
Model: EMT-A, initial condition: [0, 0, 0, 0, 1, 1, 0, 1]
Model: EMT-B, initial condition: [0, 0, 0, 0, 1, 1, 0, 1]
Model: EMT-C, initial condition: [0, 0, 0, 0, 1, 1, 0, 1]
Model: EMT-E, initial condition: [0, 0, 0, 0, 1, 1, 0, 1]
Average of node value
Time
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Notch
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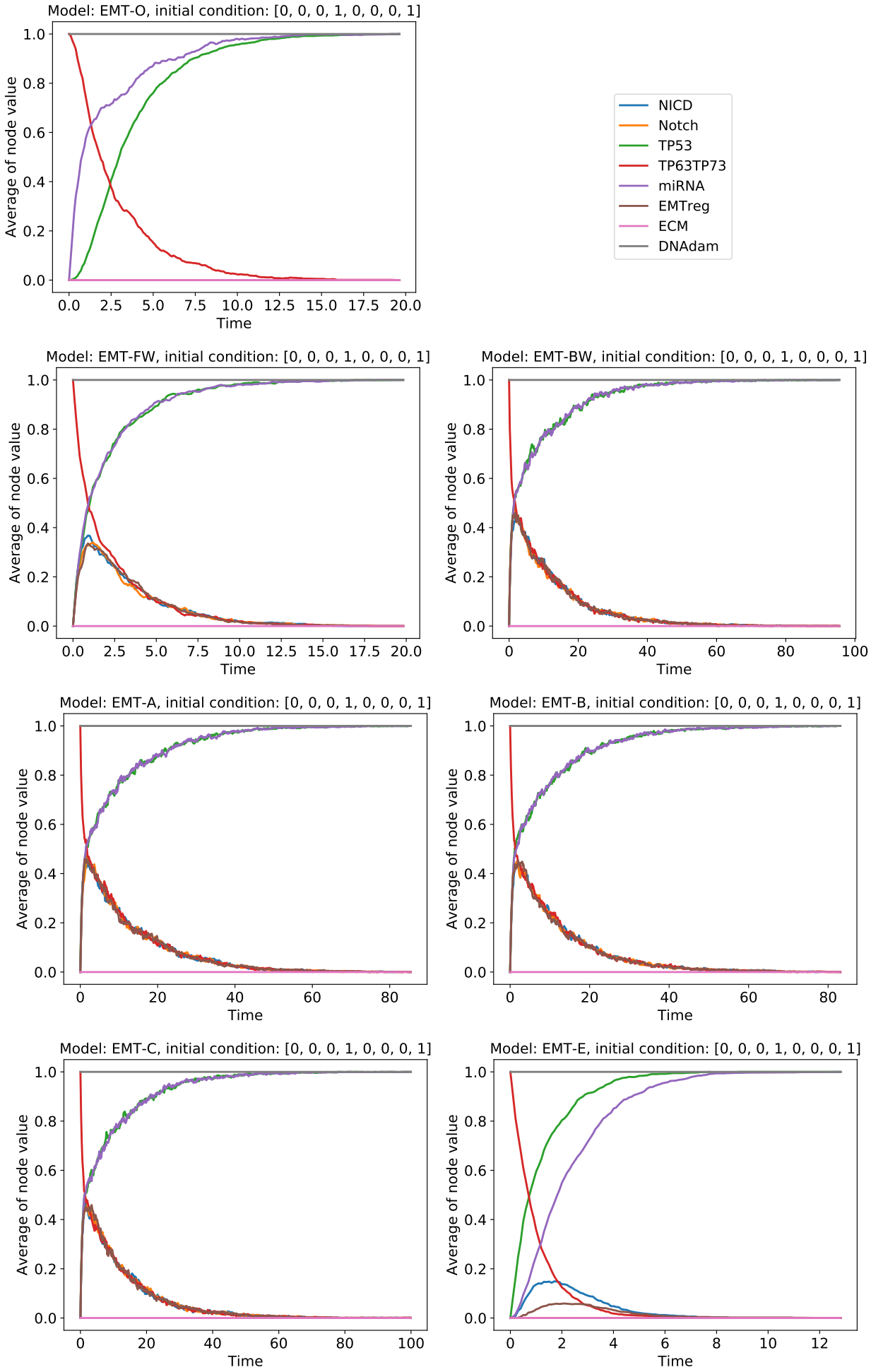
TP63TP73
miRNA
EMTreg
ECM
DNAdam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Model: EMT-FW, initial condition: [0, 0, 0, 1, 0, 0, 0, 1]
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Model: EMT-A, initial condition: [0, 0, 0, 1, 0, 0, 0, 1]
Model: EMT-B, initial condition: [0, 0, 0, 1, 0, 0, 0, 1]
Model: EMT-C, initial condition: [0, 0, 0, 1, 0, 0, 0, 1]
Model: EMT-E, initial condition: [0, 0, 0, 1, 0, 0, 0, 1]
Average of node value
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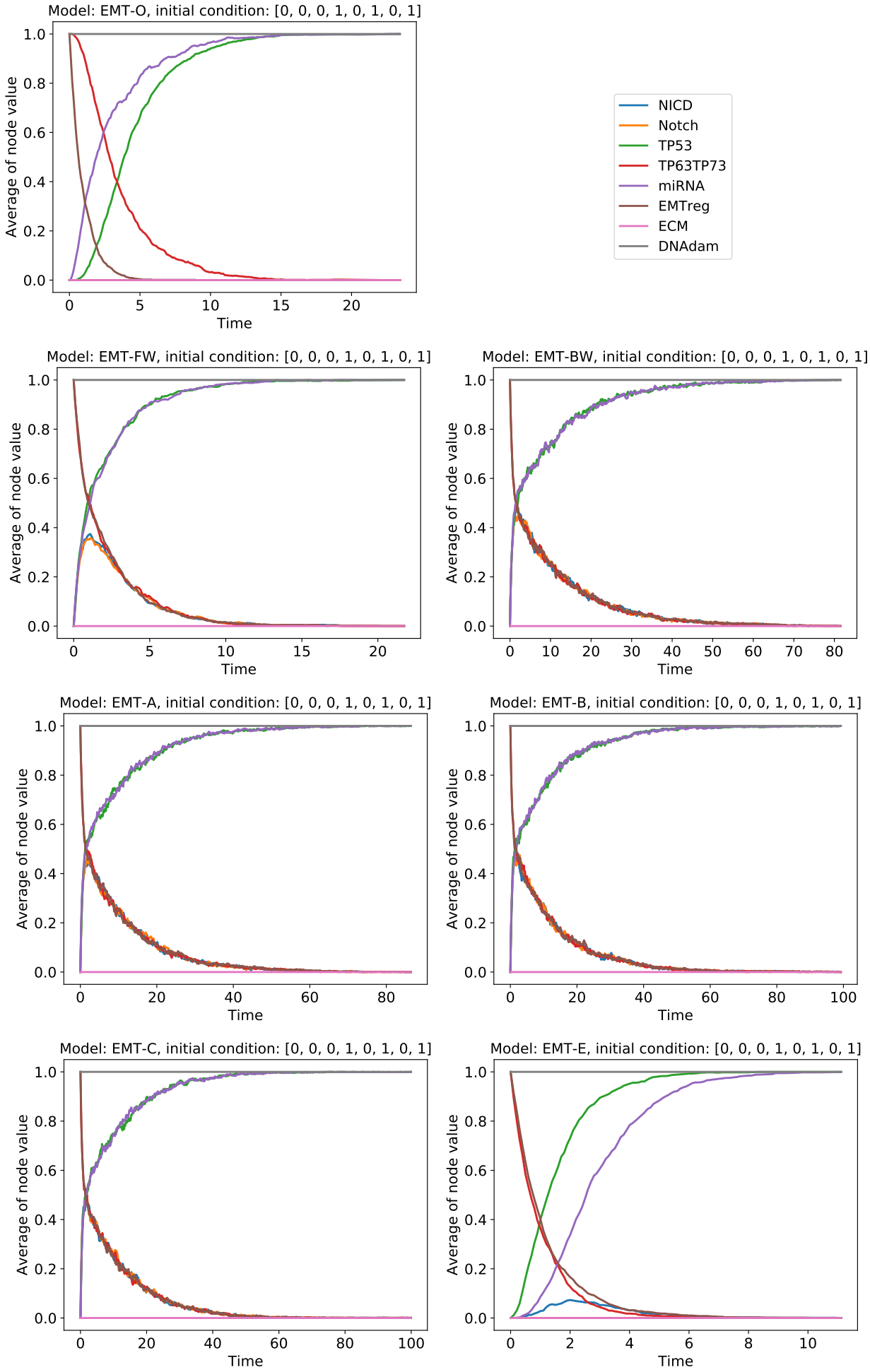
miRNA
EMTreg
ECM
DNAdam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Average of node value
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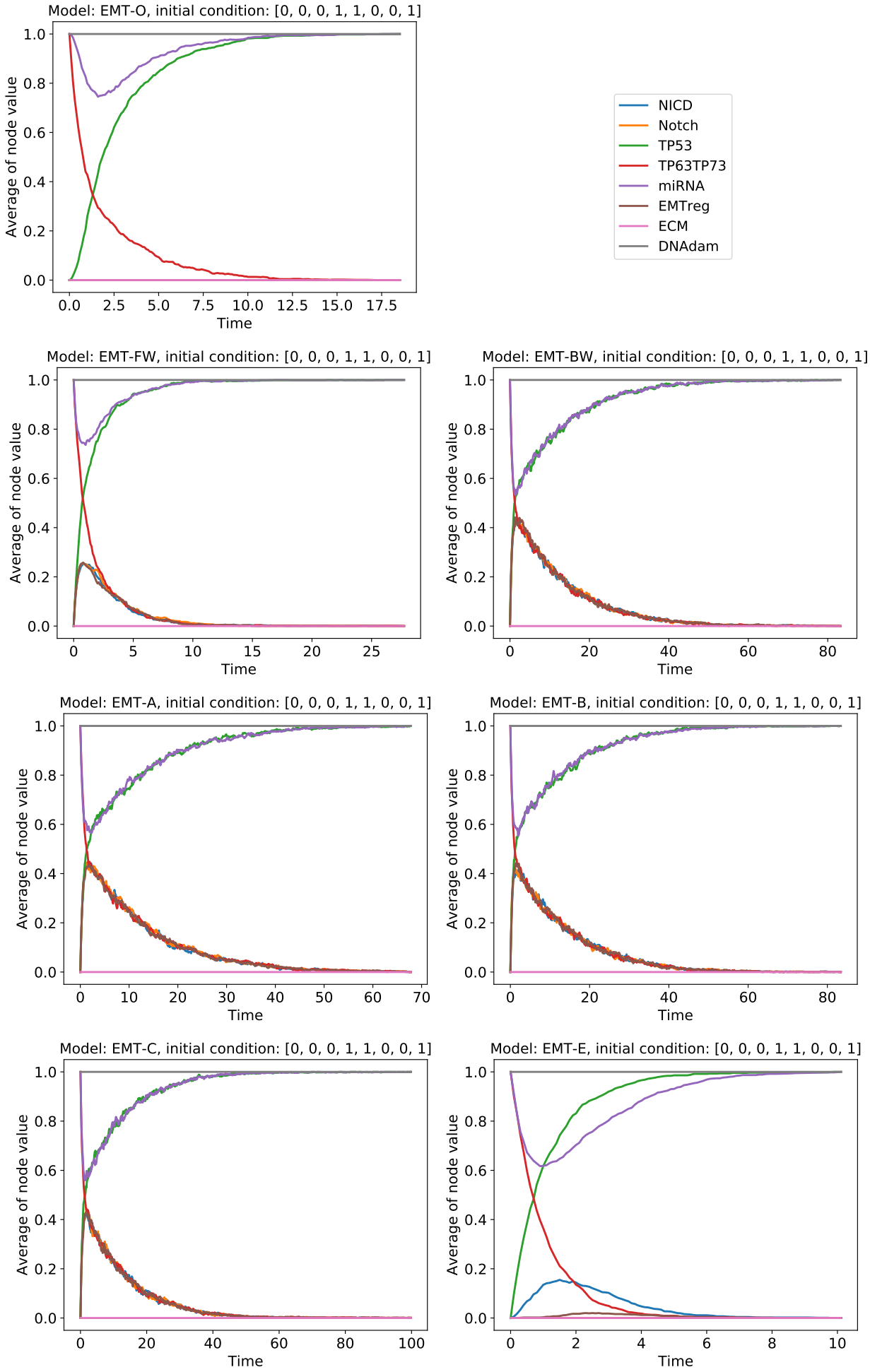
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Model: EMT-FW, initial condition: [0, 0, 0, 1, 1, 0, 0, 1]
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Model: EMT-C, initial condition: [0, 0, 0, 1, 1, 0, 0, 1]
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Average of node value
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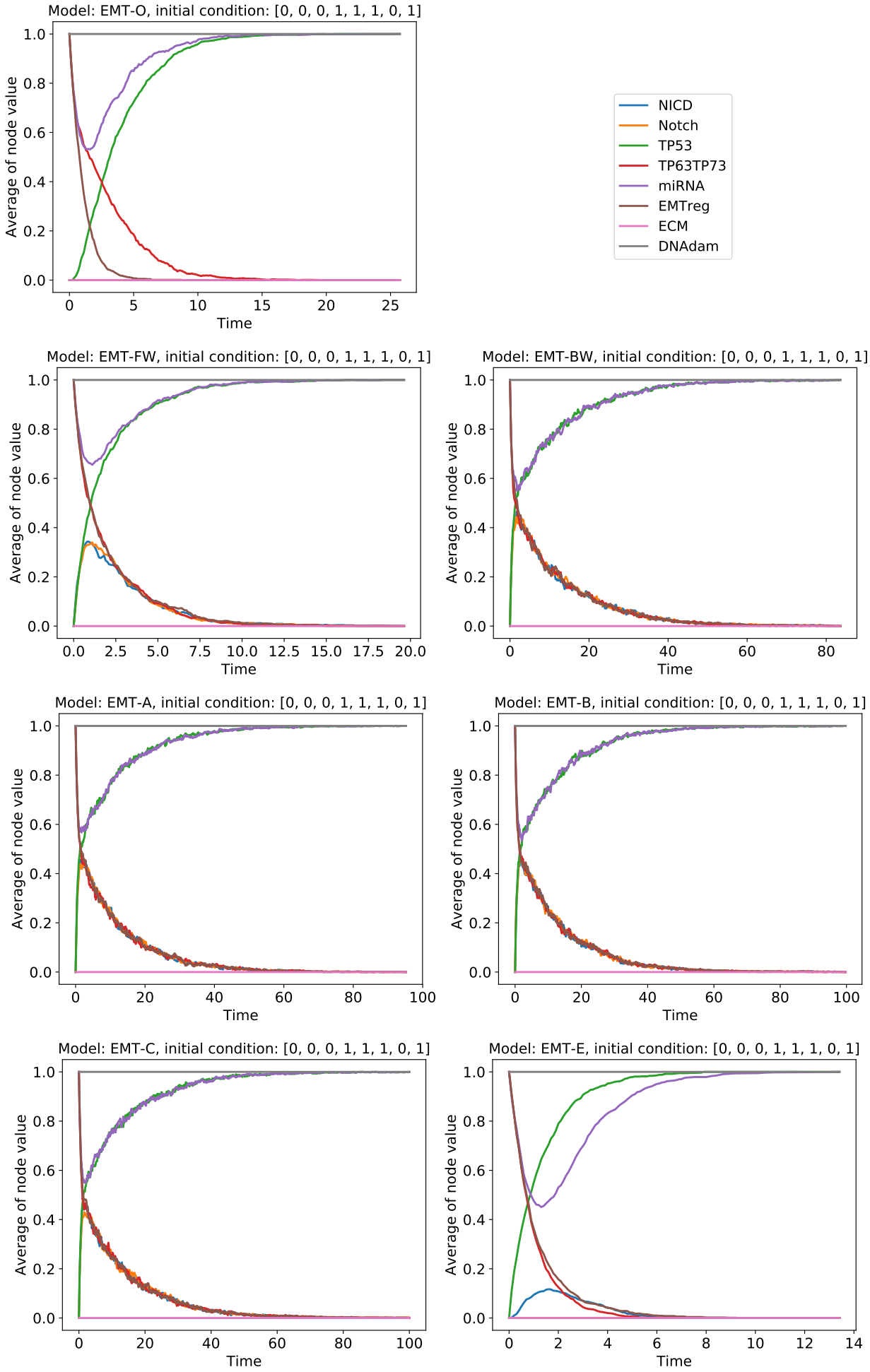
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Model: EMT-A, initial condition: [0, 0, 0, 1, 1, 1, 0, 1]
Model: EMT-B, initial condition: [0, 0, 0, 1, 1, 1, 0, 1]
Model: EMT-C, initial condition: [0, 0, 0, 1, 1, 1, 0, 1]
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Average of node value
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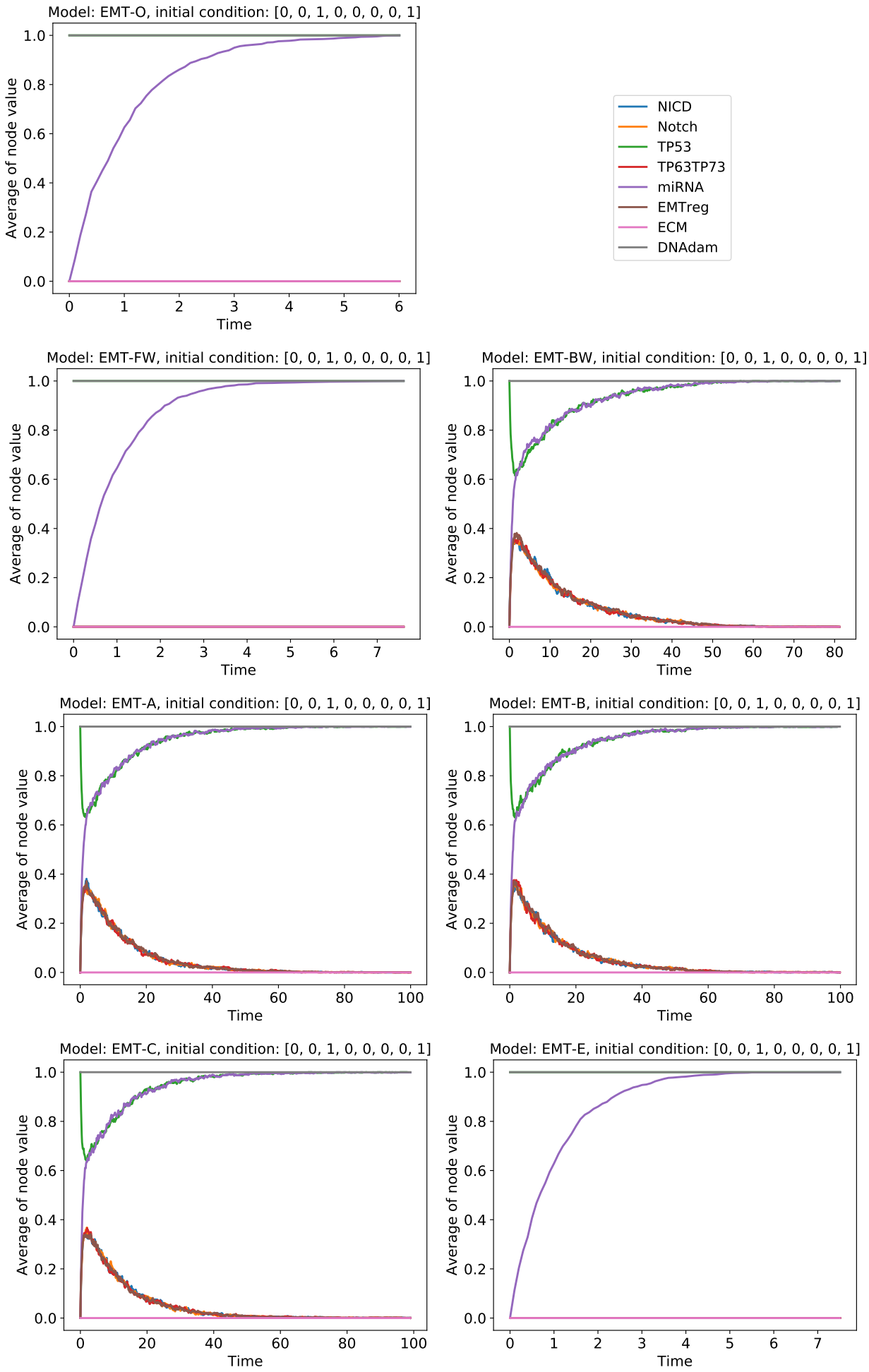
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Model: EMT-A, initial condition: [0, 0, 1, 0, 0, 0, 0, 1]
Model: EMT-B, initial condition: [0, 0, 1, 0, 0, 0, 0, 1]
Model: EMT-C, initial condition: [0, 0, 1, 0, 0, 0, 0, 1]
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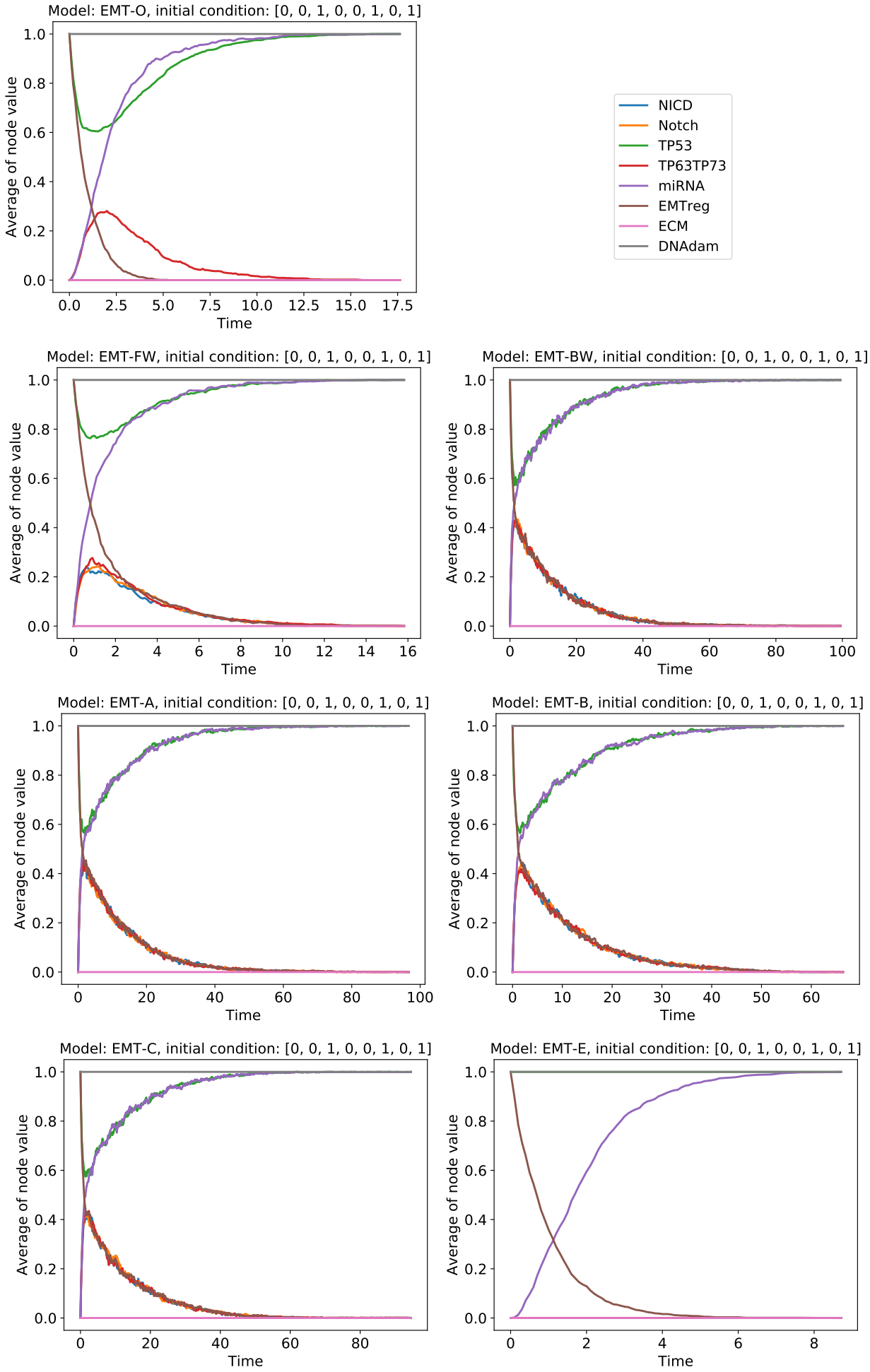
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Model: EMT-B, initial condition: [0, 0, 1, 0, 0, 1, 0, 1]
Model: EMT-C, initial condition: [0, 0, 1, 0, 0, 1, 0, 1]
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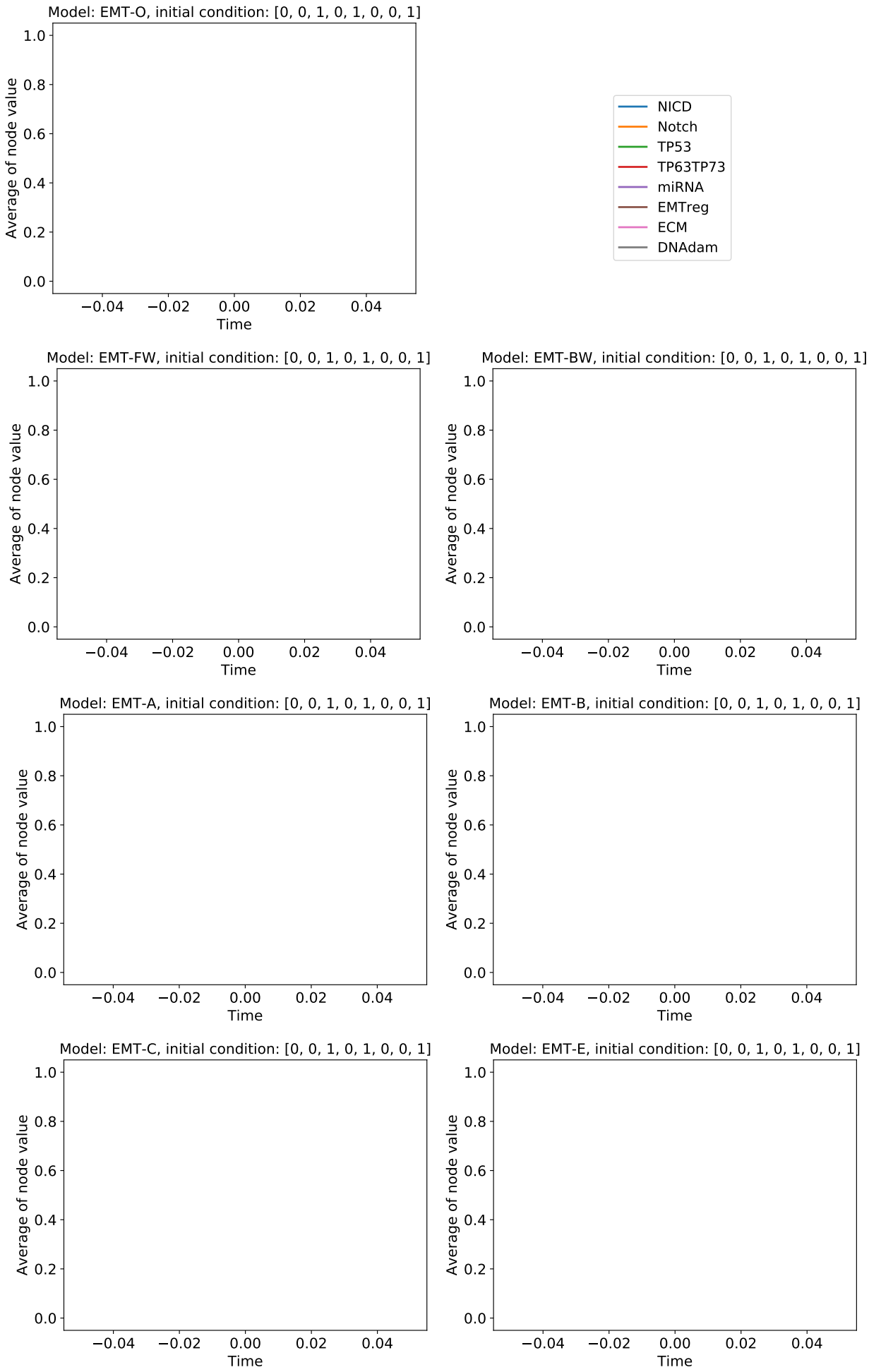
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Model: EMT-C, initial condition: [0, 0, 1, 0, 1, 0, 0, 1]
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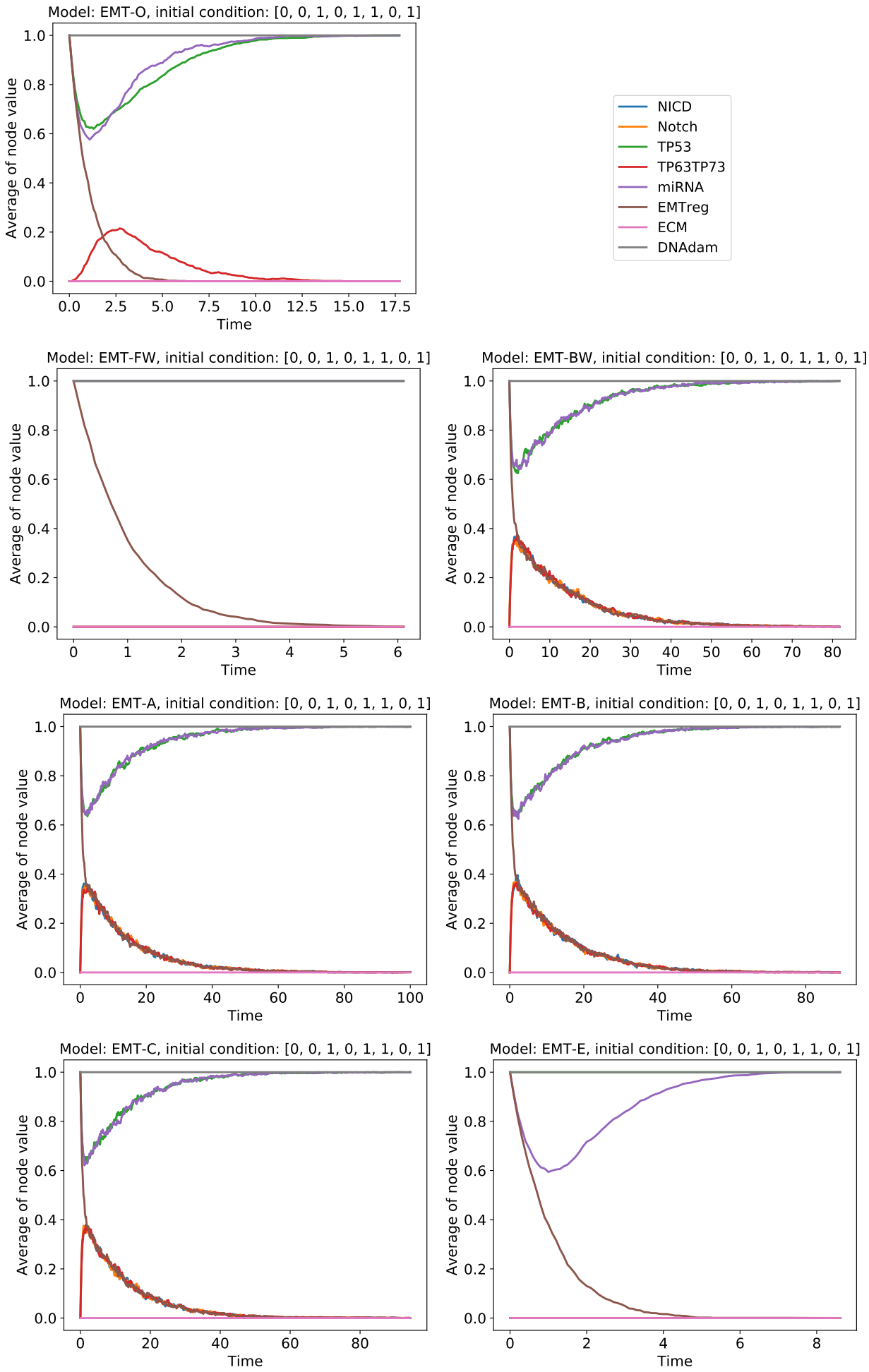
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Model: EMT-A, initial condition: [0, 0, 1, 0, 1, 1, 0, 1]
Model: EMT-B, initial condition: [0, 0, 1, 0, 1, 1, 0, 1]
Model: EMT-C, initial condition: [0, 0, 1, 0, 1, 1, 0, 1]
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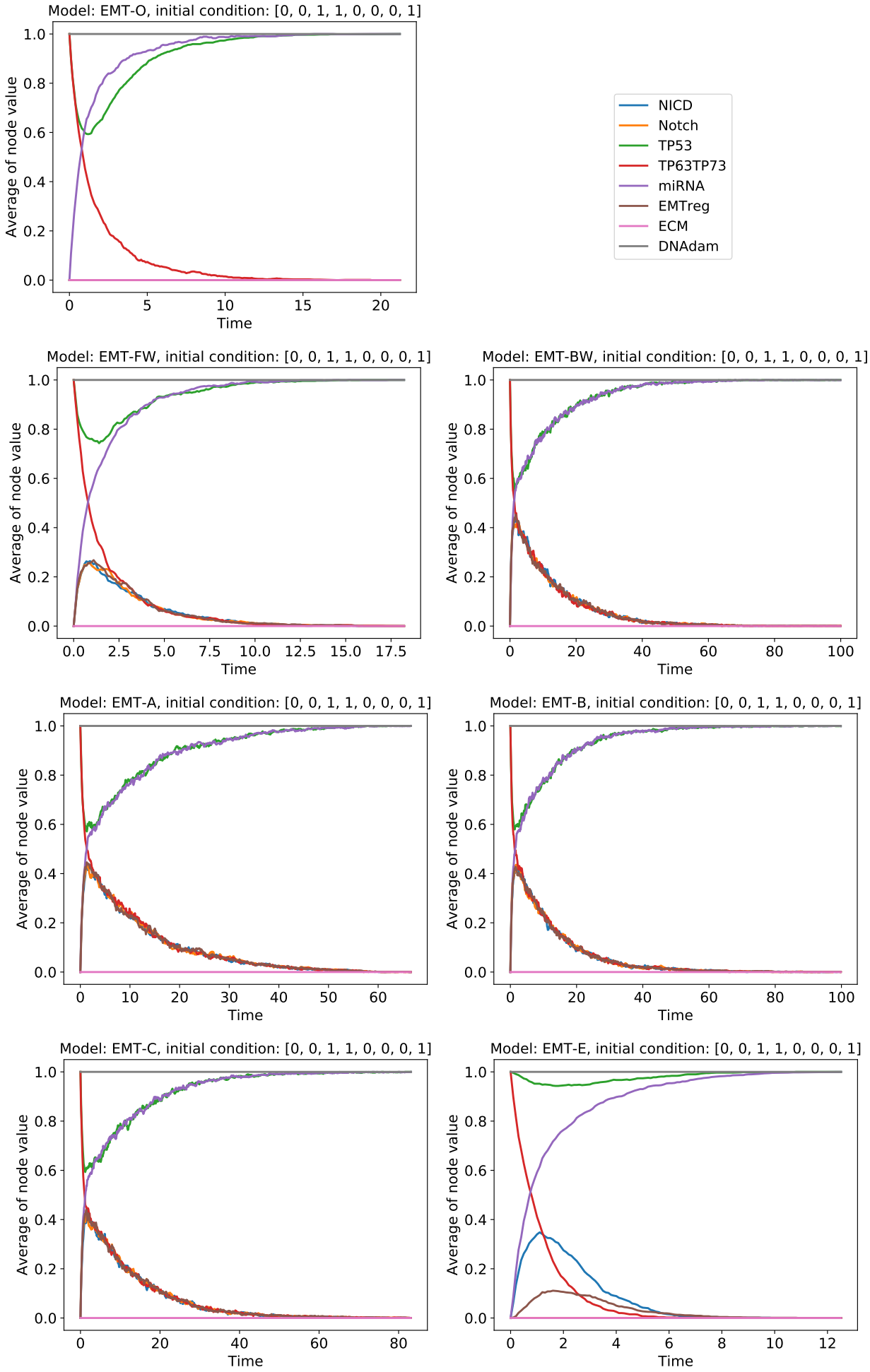
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Average of node value
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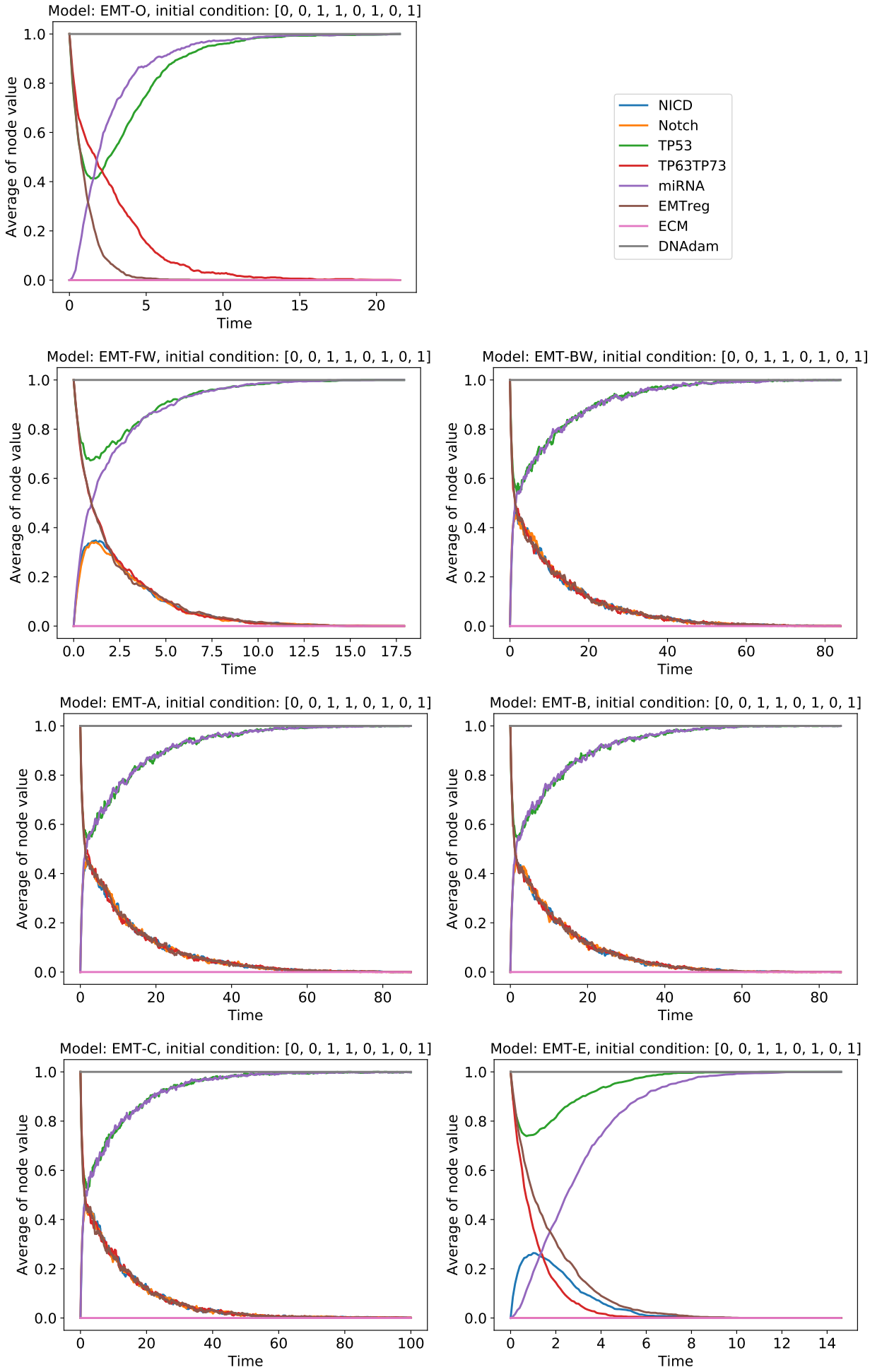
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Model: EMT-A, initial condition: [0, 0, 1, 1, 0, 1, 0, 1]
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Average of node value
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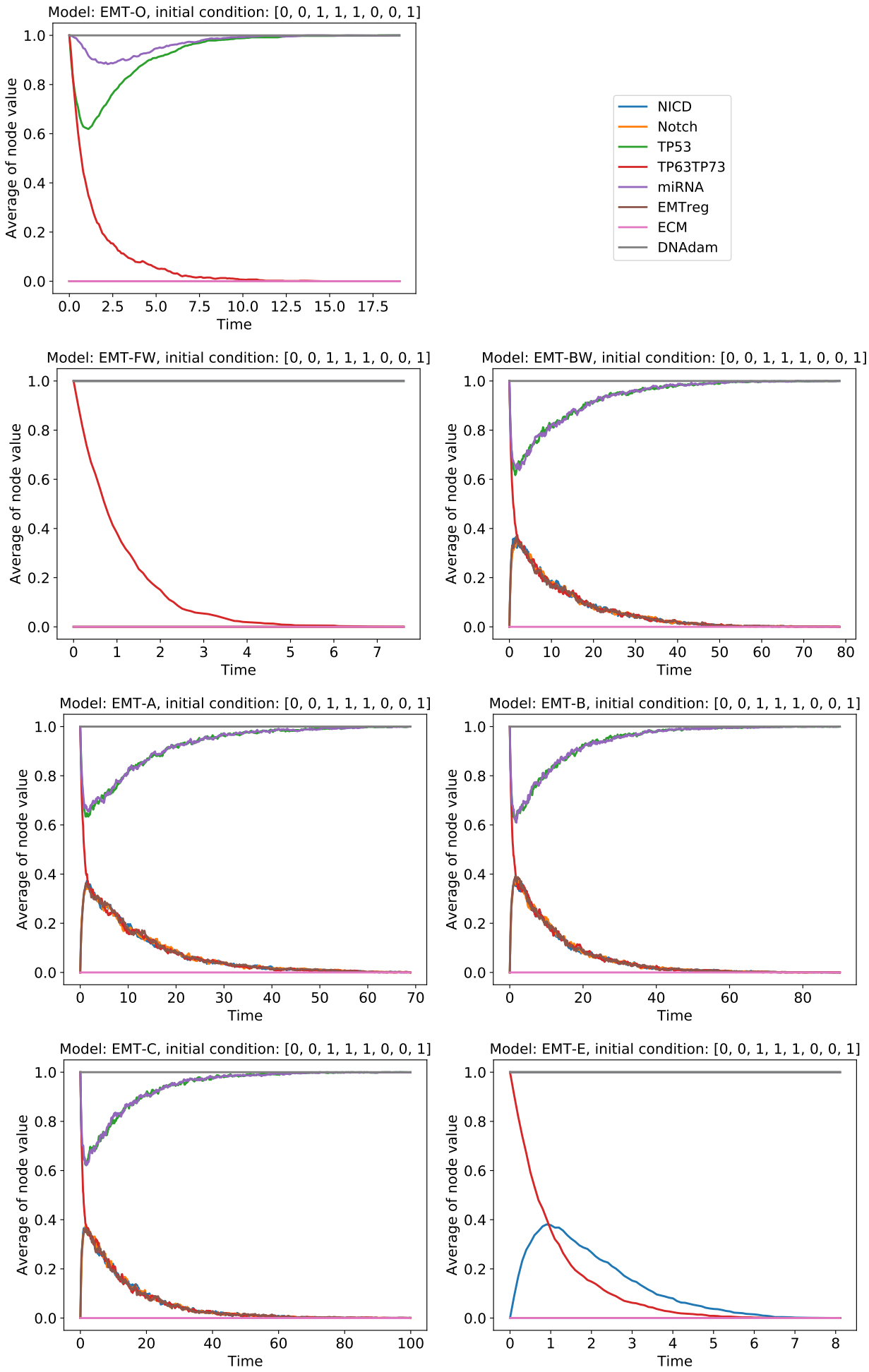
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Average of node value
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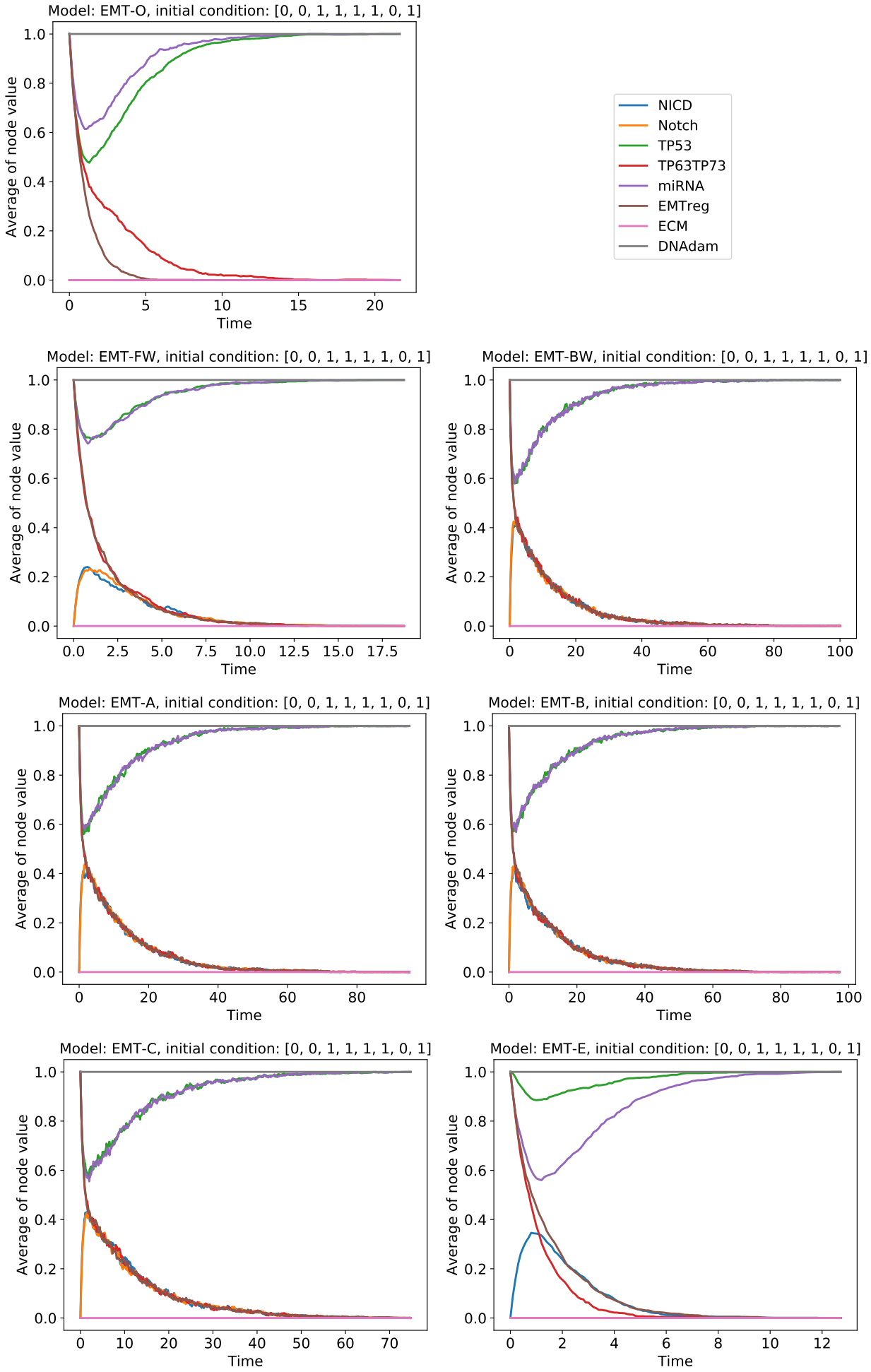
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Average of node value
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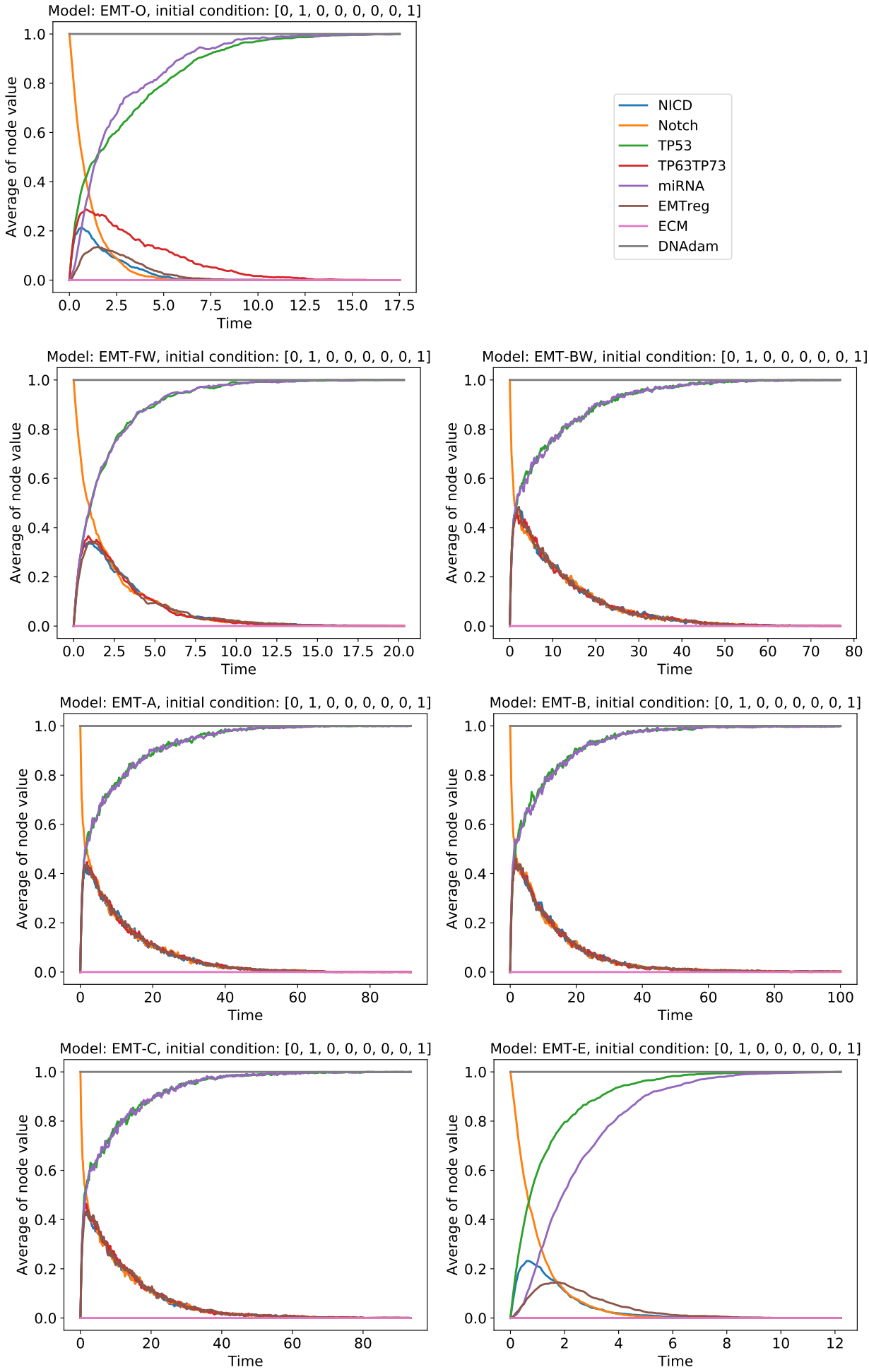
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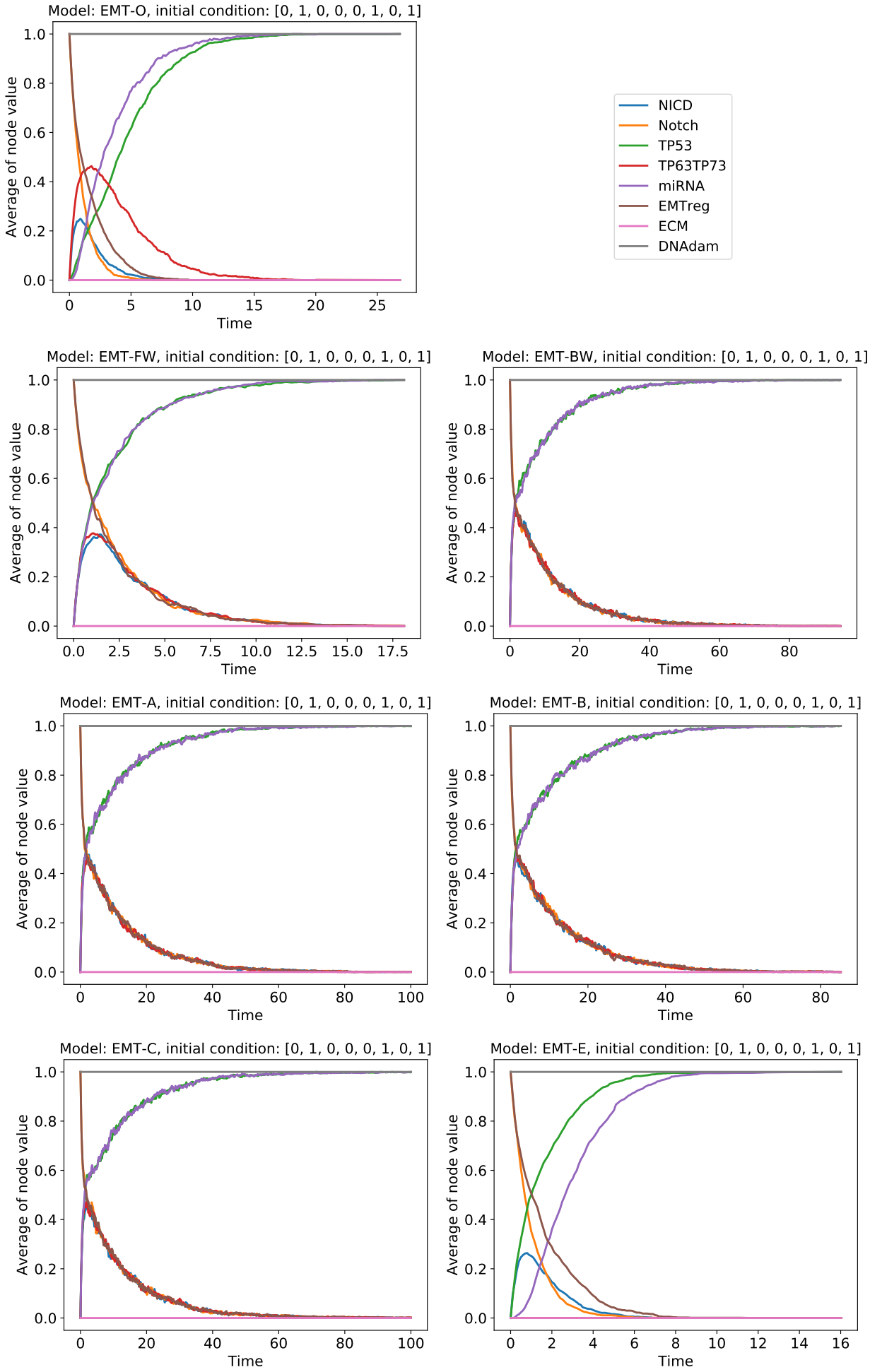
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Average of node value
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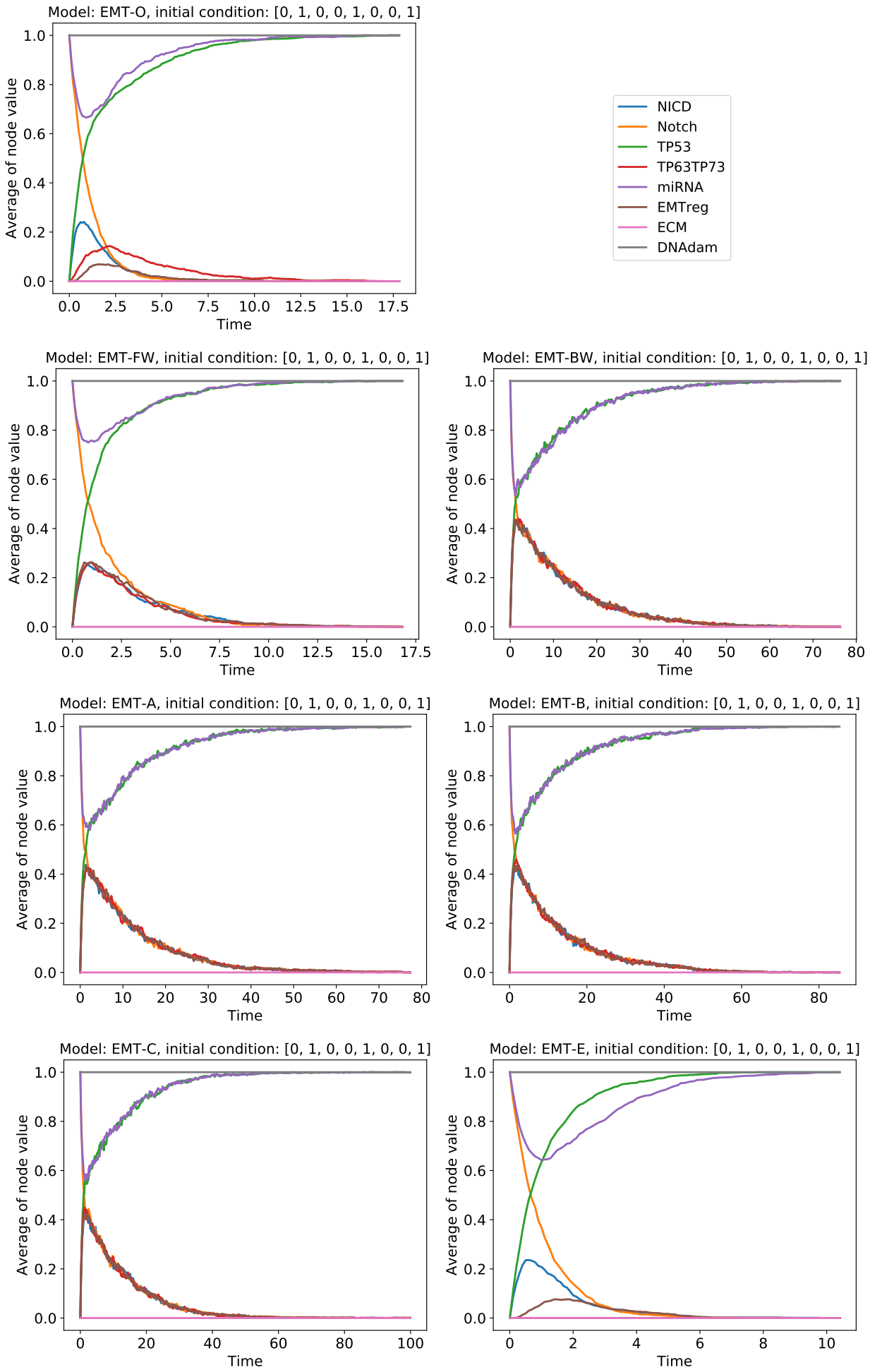
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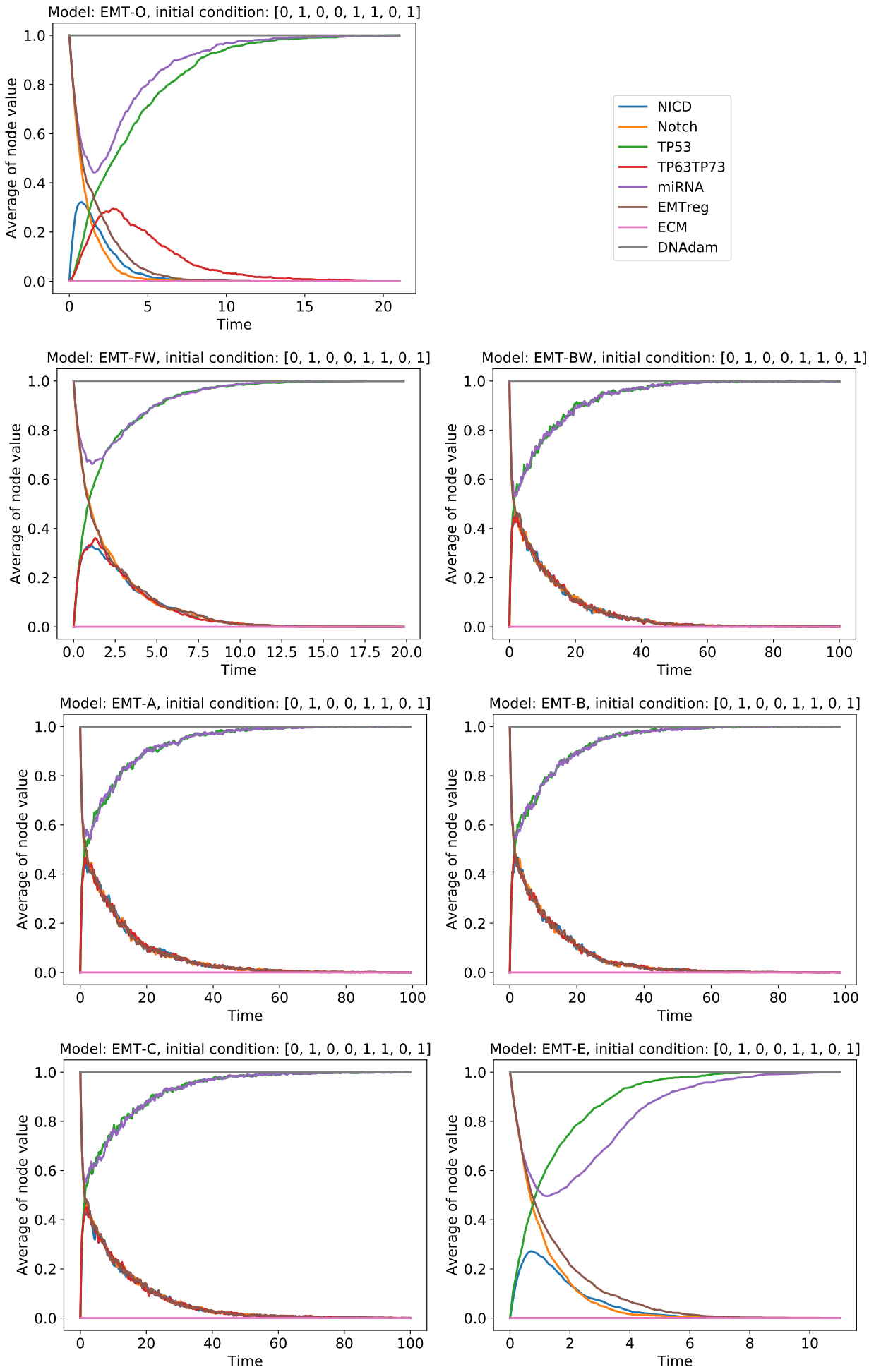
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Model: EMT-A, initial condition: [0, 1, 0, 0, 1, 1, 0, 1]
Model: EMT-B, initial condition: [0, 1, 0, 0, 1, 1, 0, 1]
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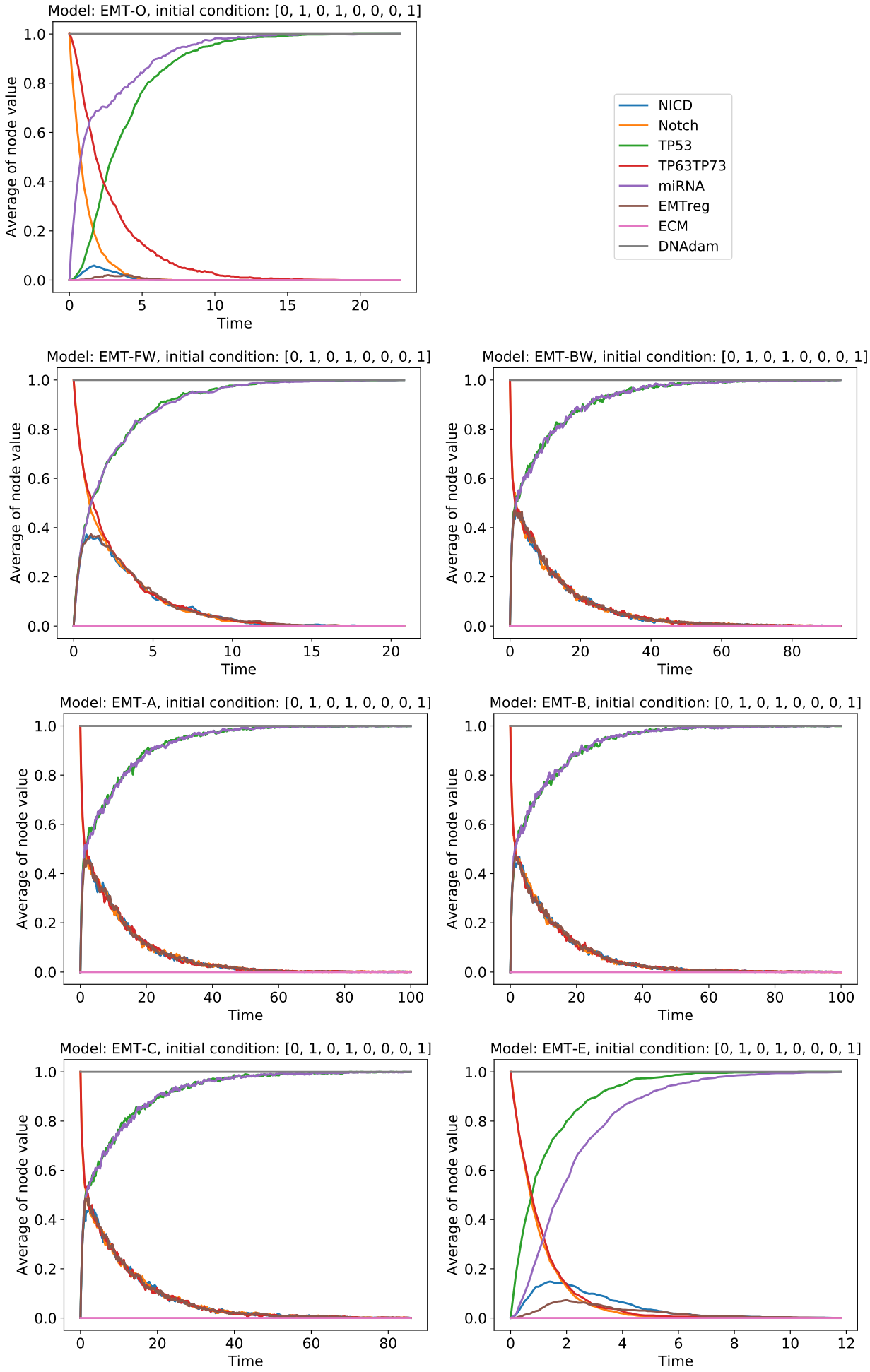
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Model: EMT-B, initial condition: [0, 1, 0, 1, 0, 0, 0, 1]
Model: EMT-C, initial condition: [0, 1, 0, 1, 0, 0, 0, 1]
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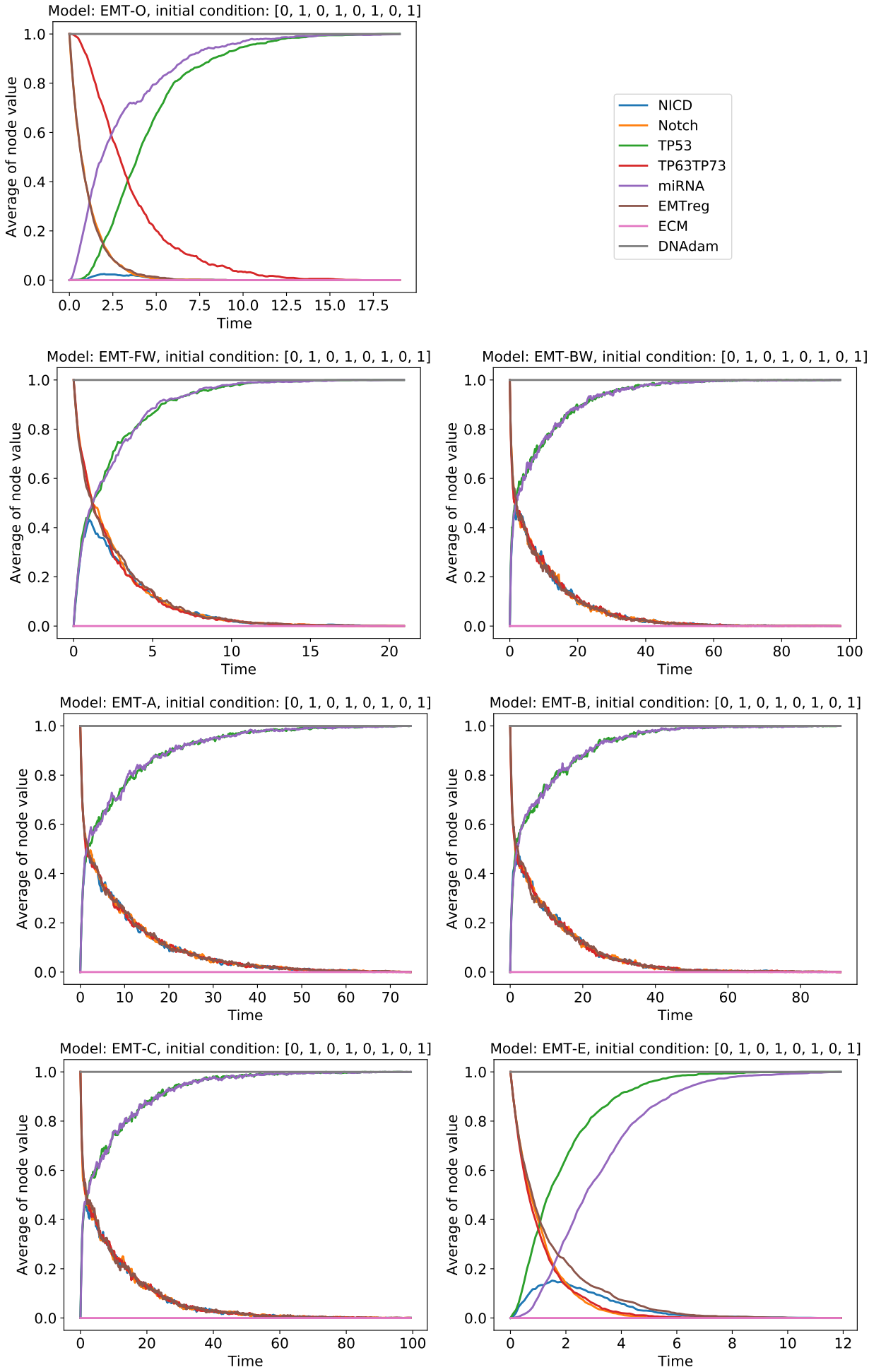
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Model: EMT-A, initial condition: [0, 1, 0, 1, 0, 1, 0, 1]
Model: EMT-B, initial condition: [0, 1, 0, 1, 0, 1, 0, 1]
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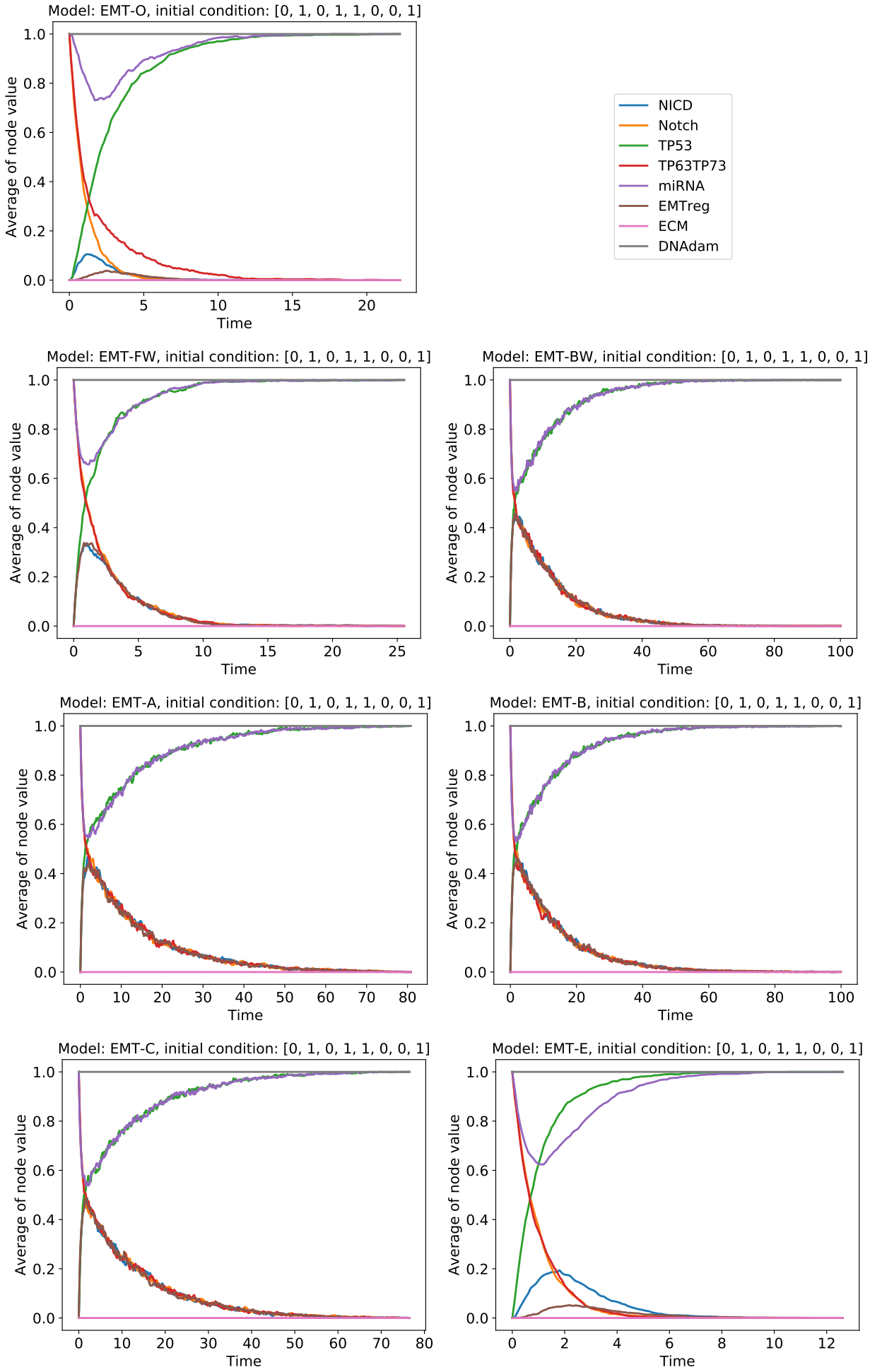
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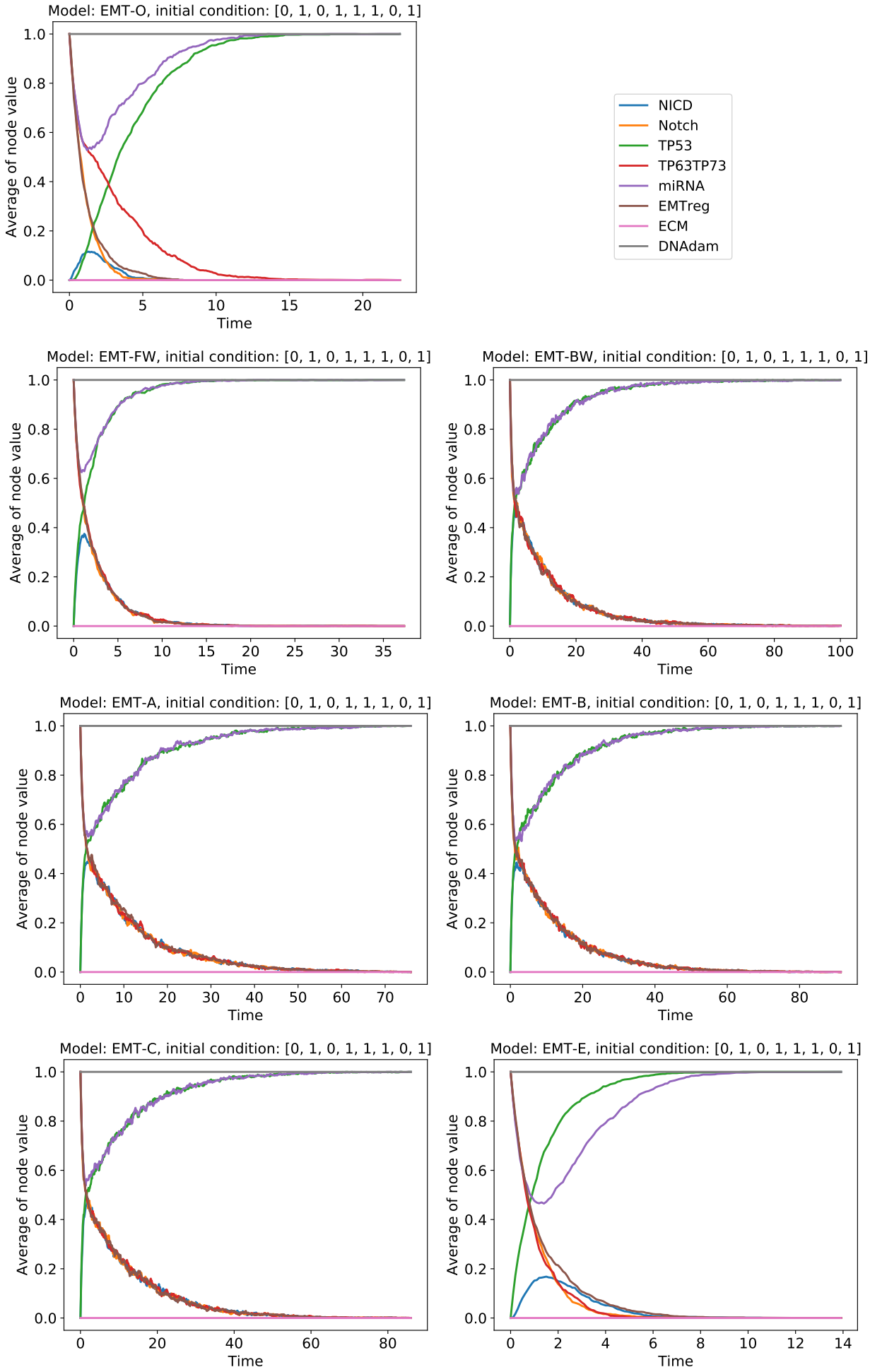
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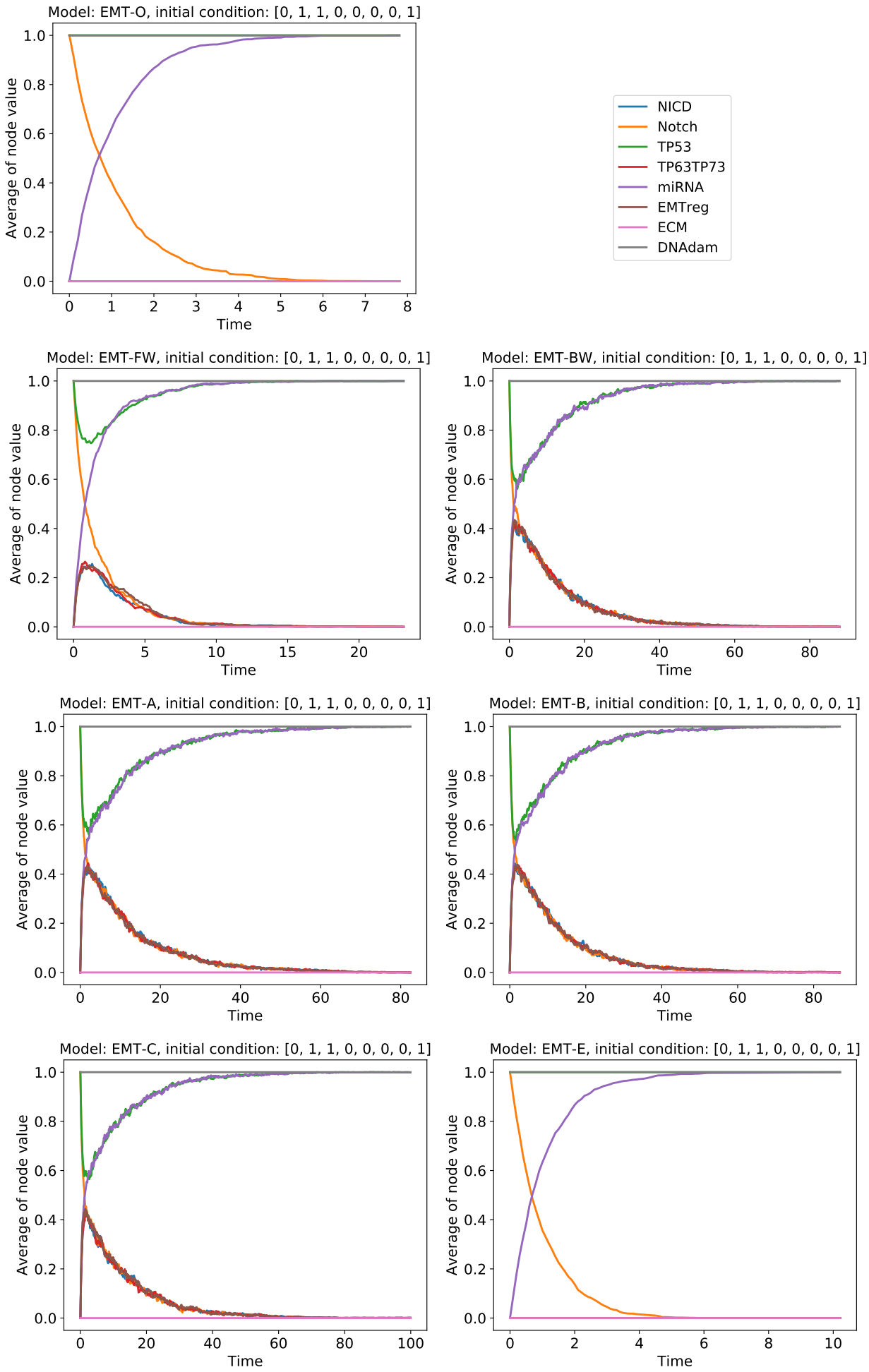
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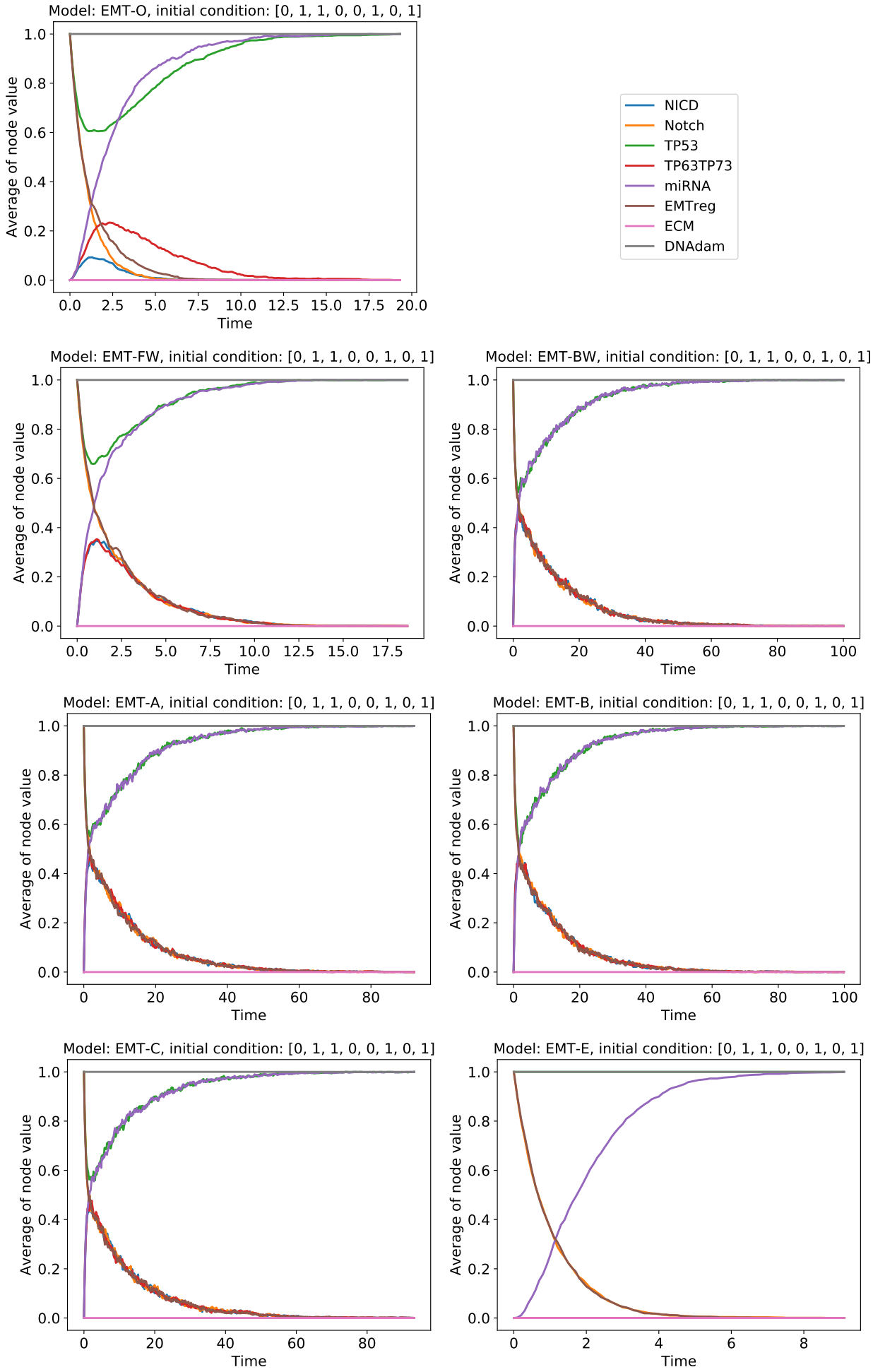
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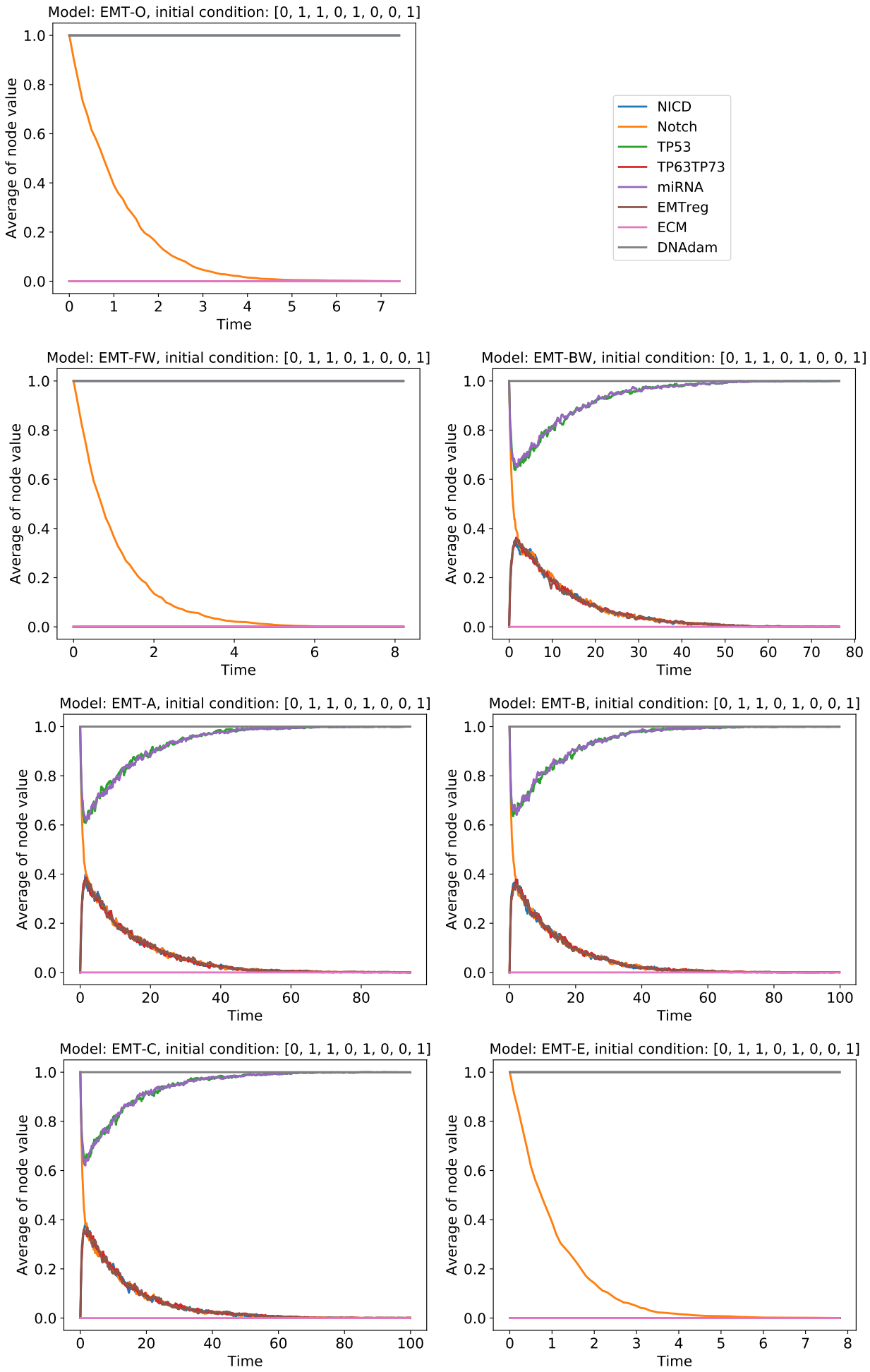
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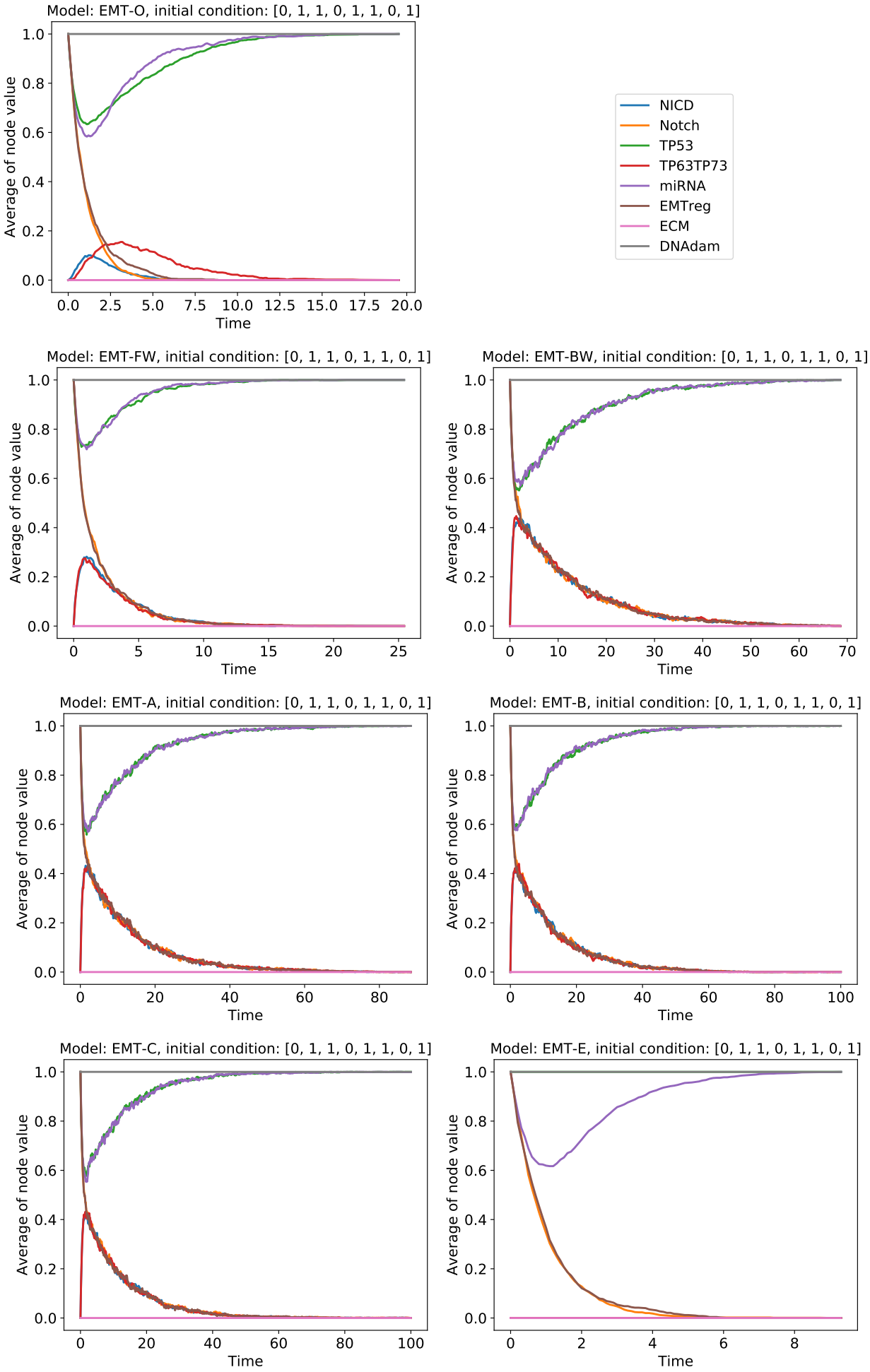
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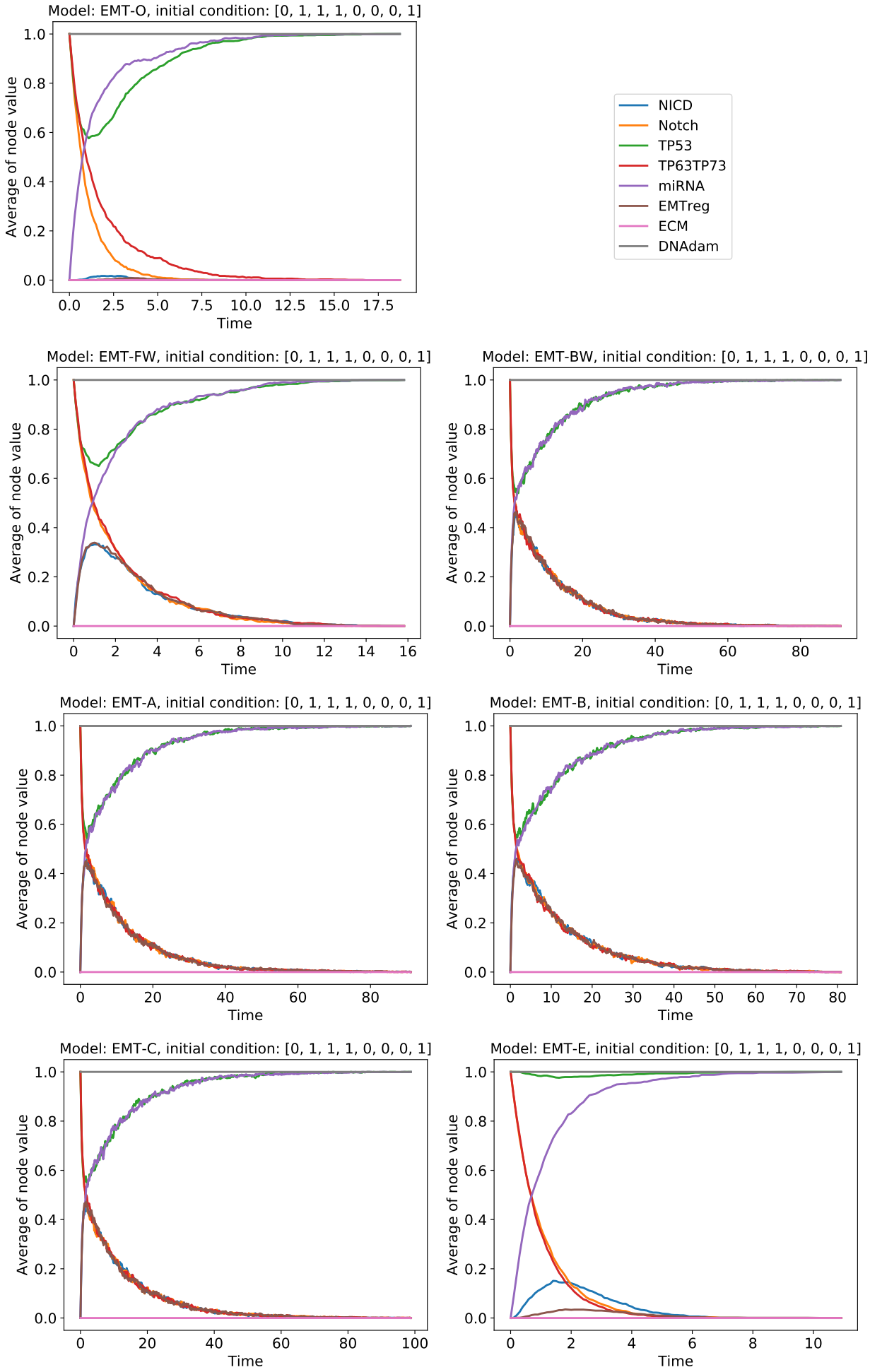
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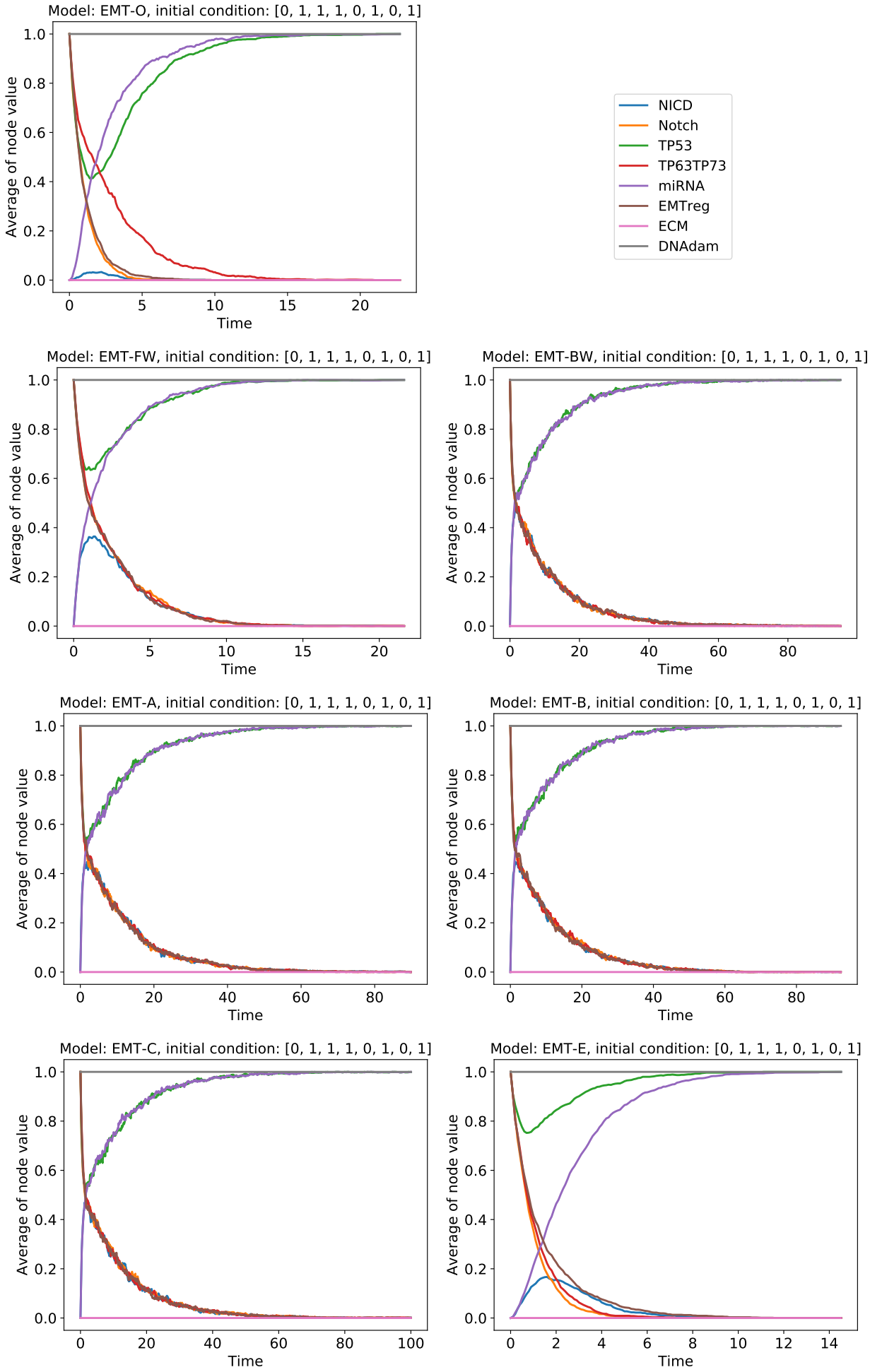
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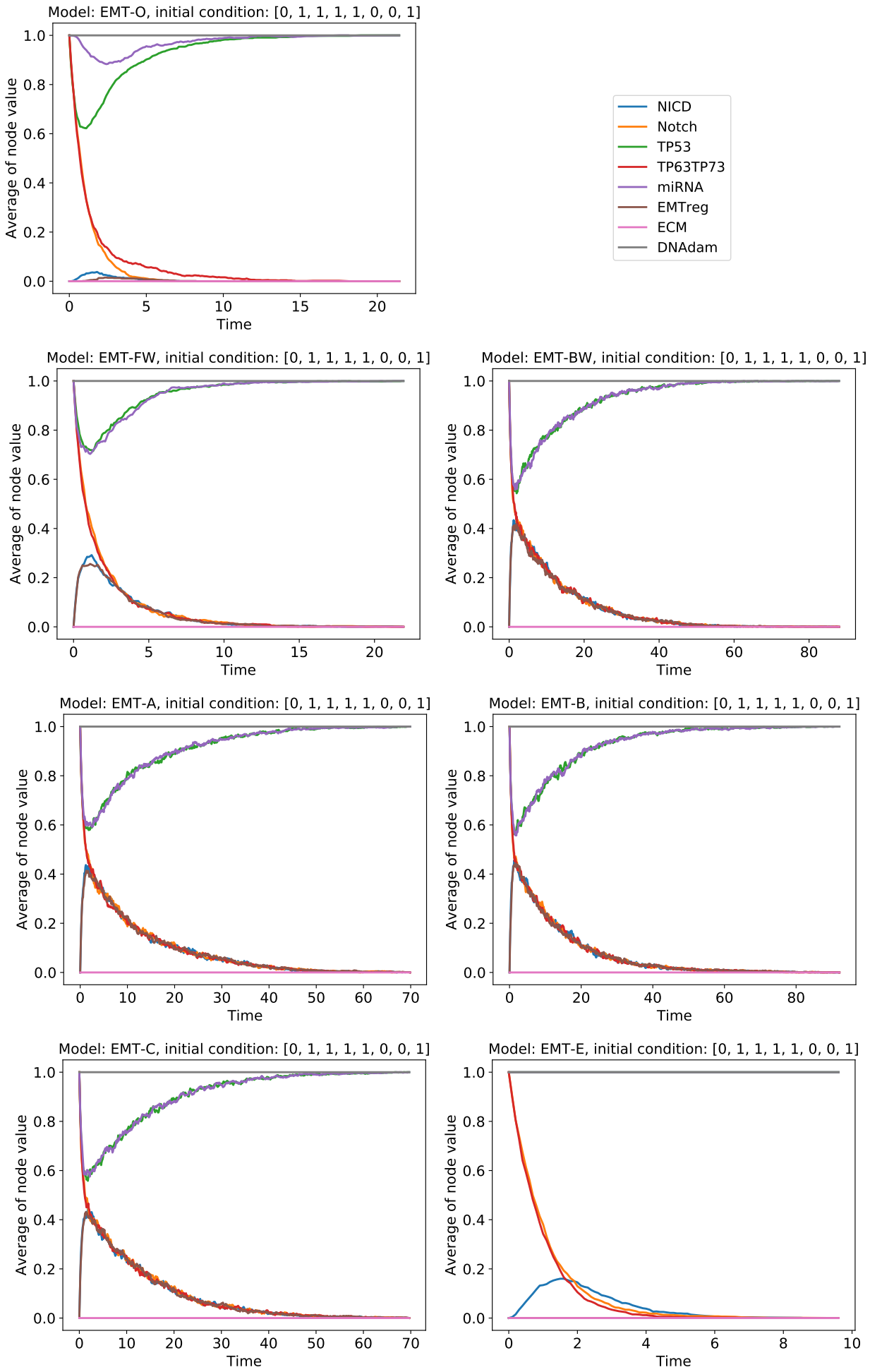
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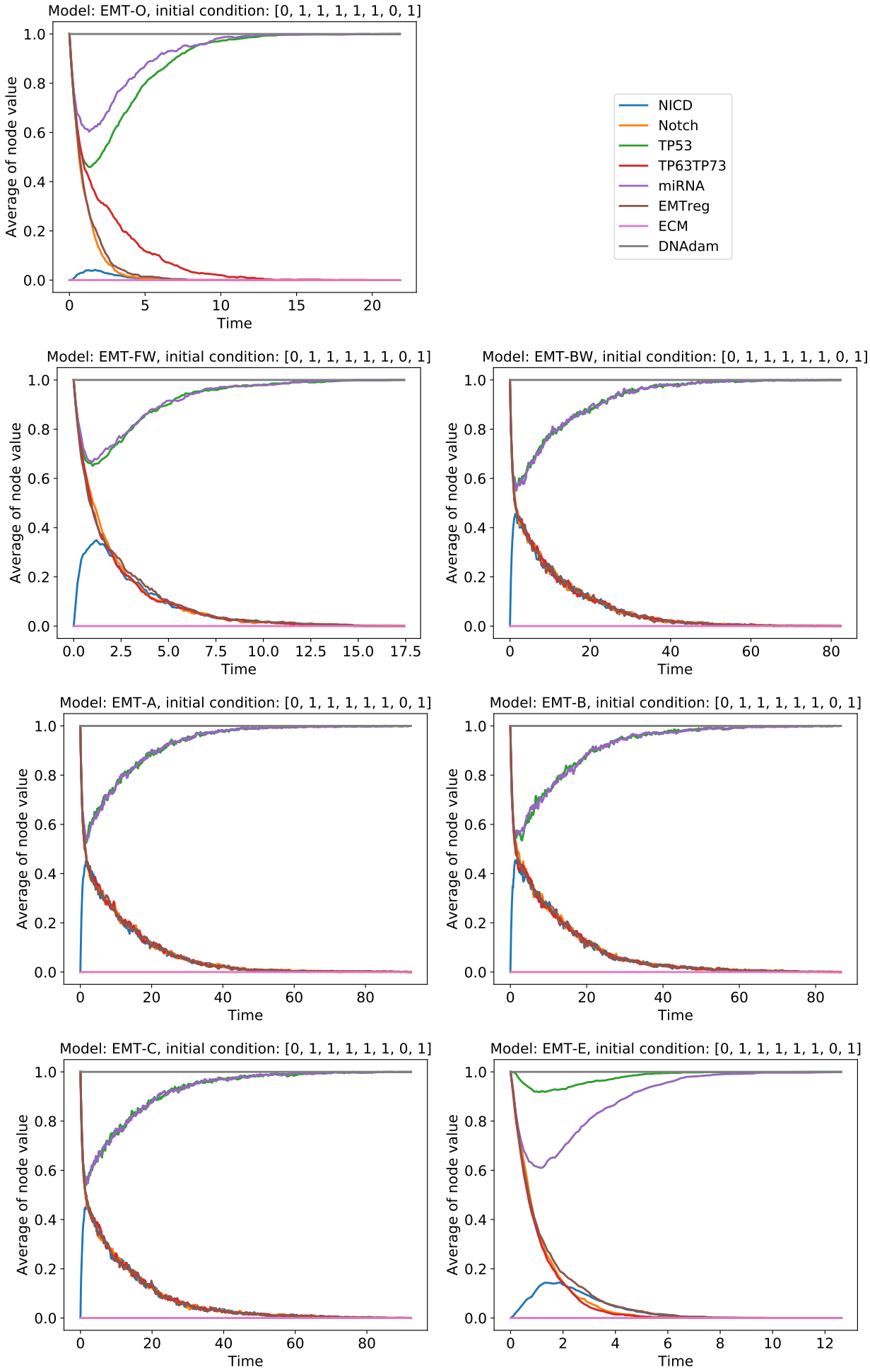
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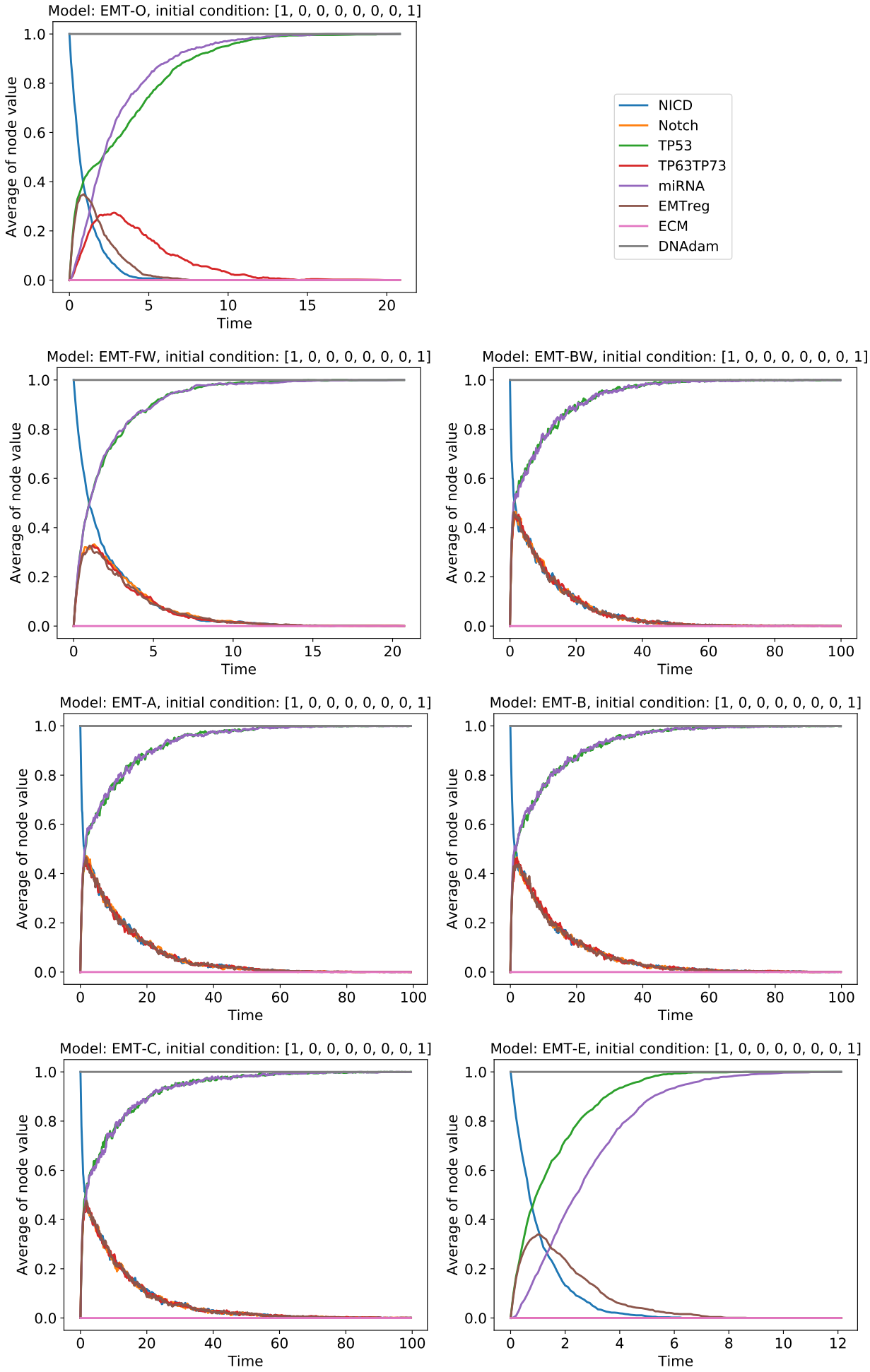
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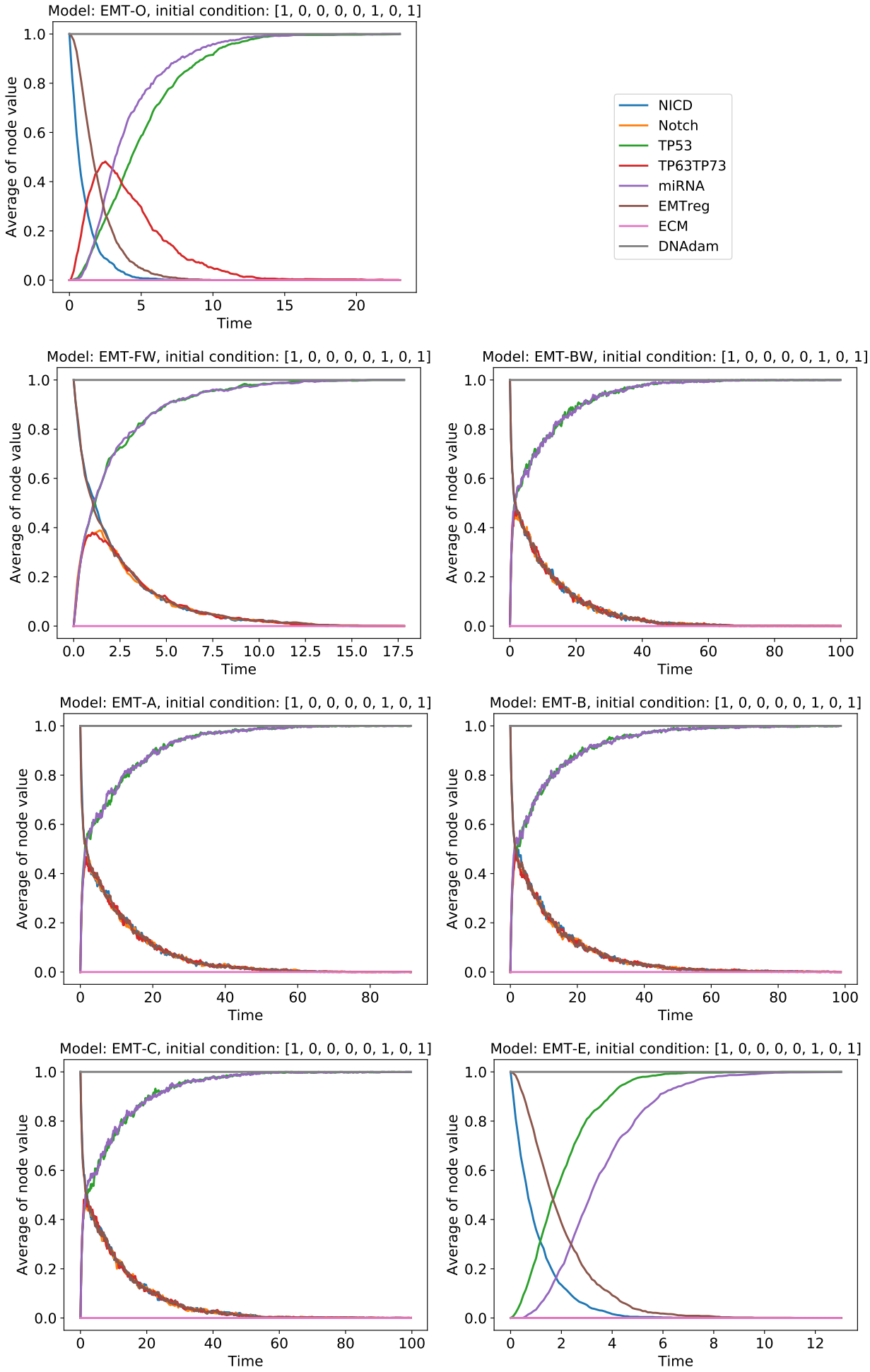
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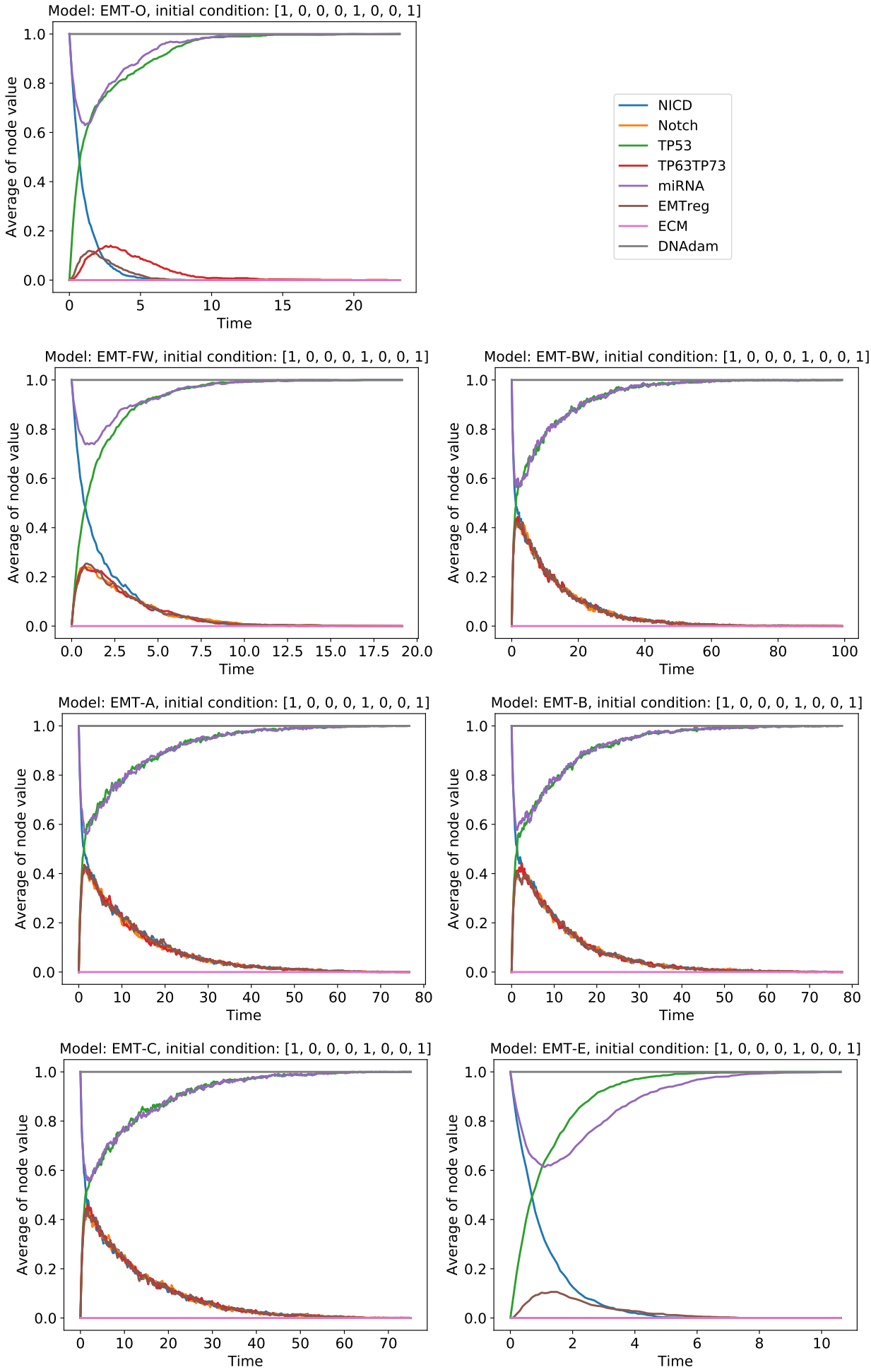
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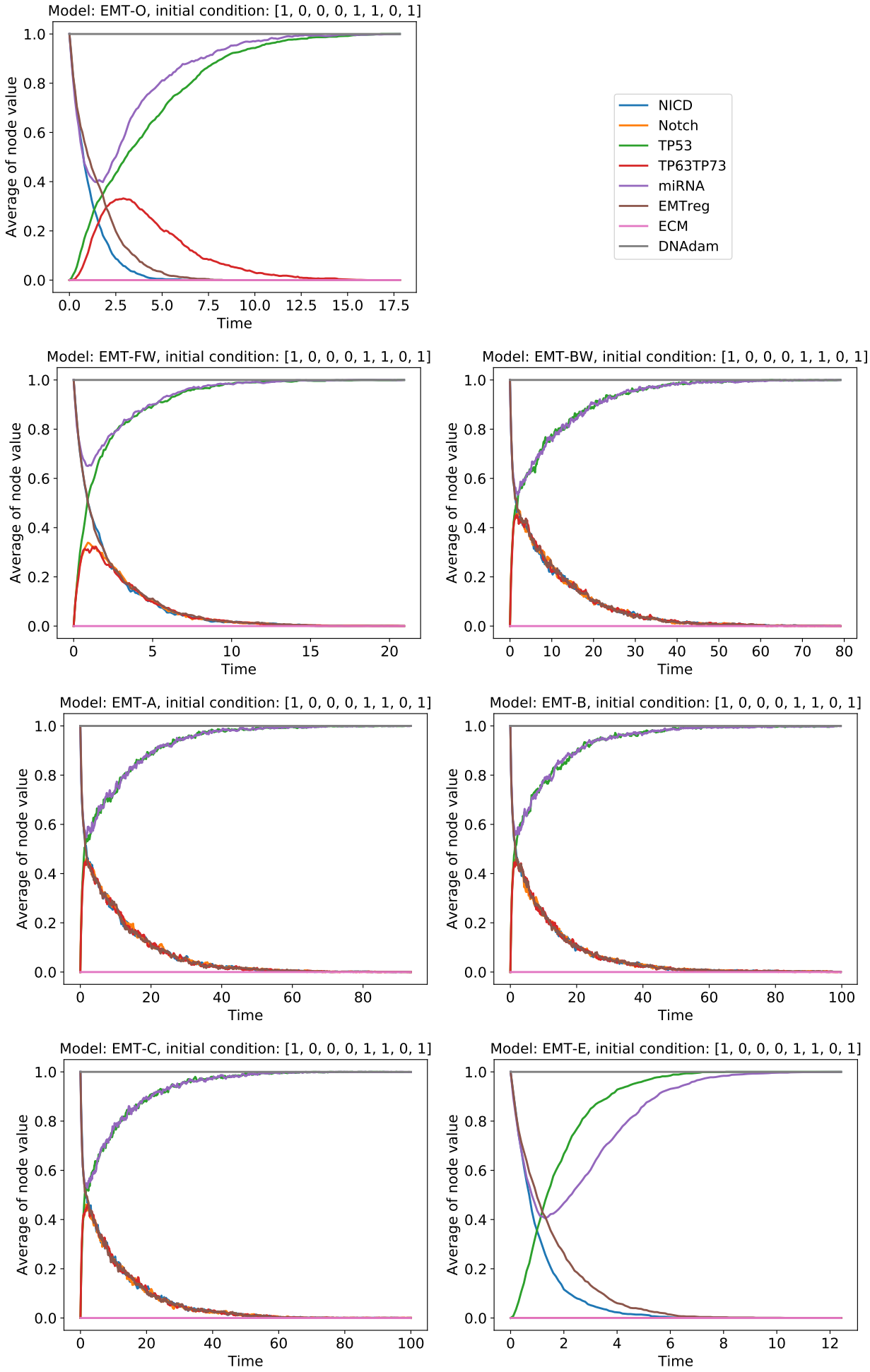
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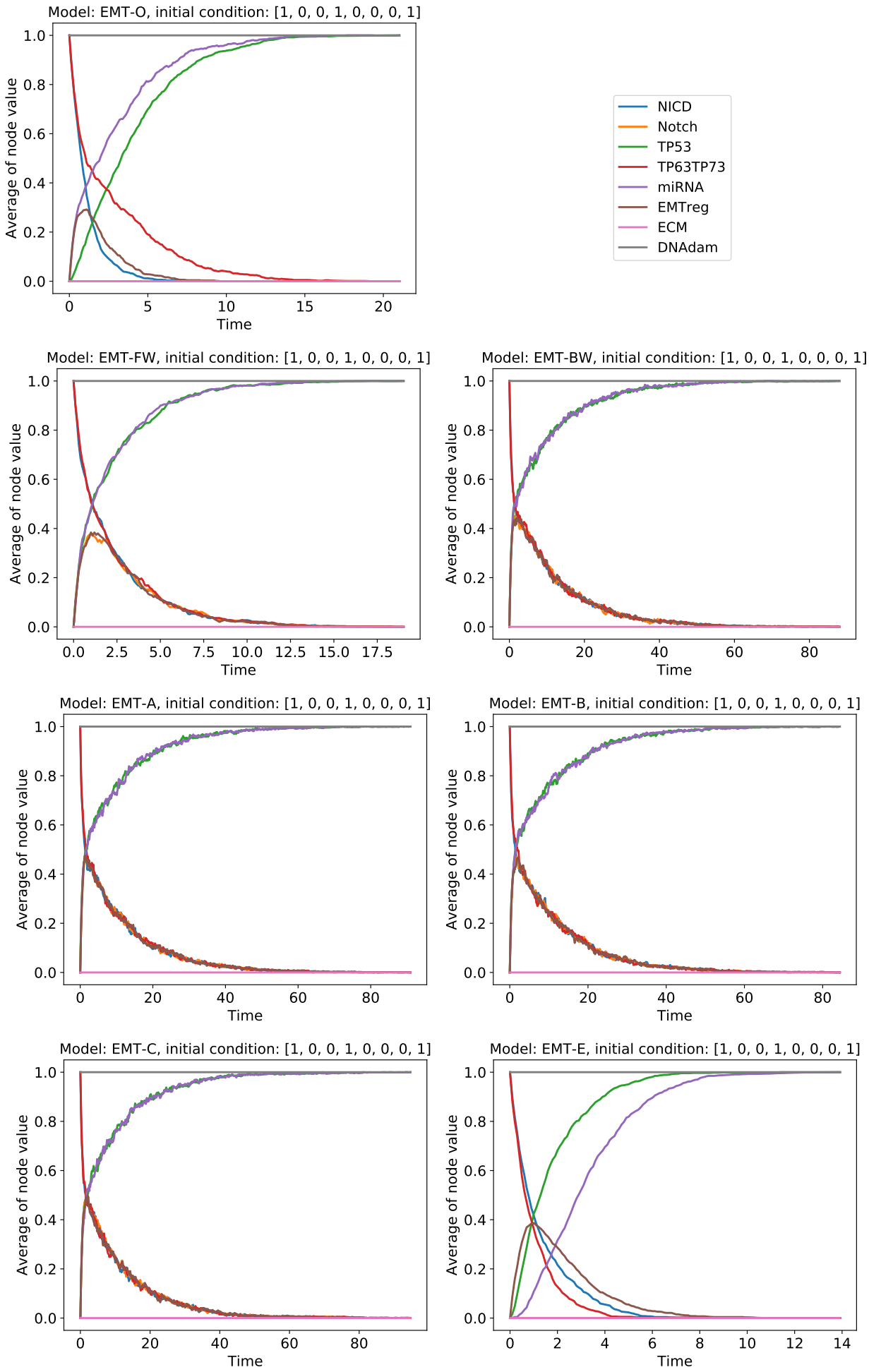
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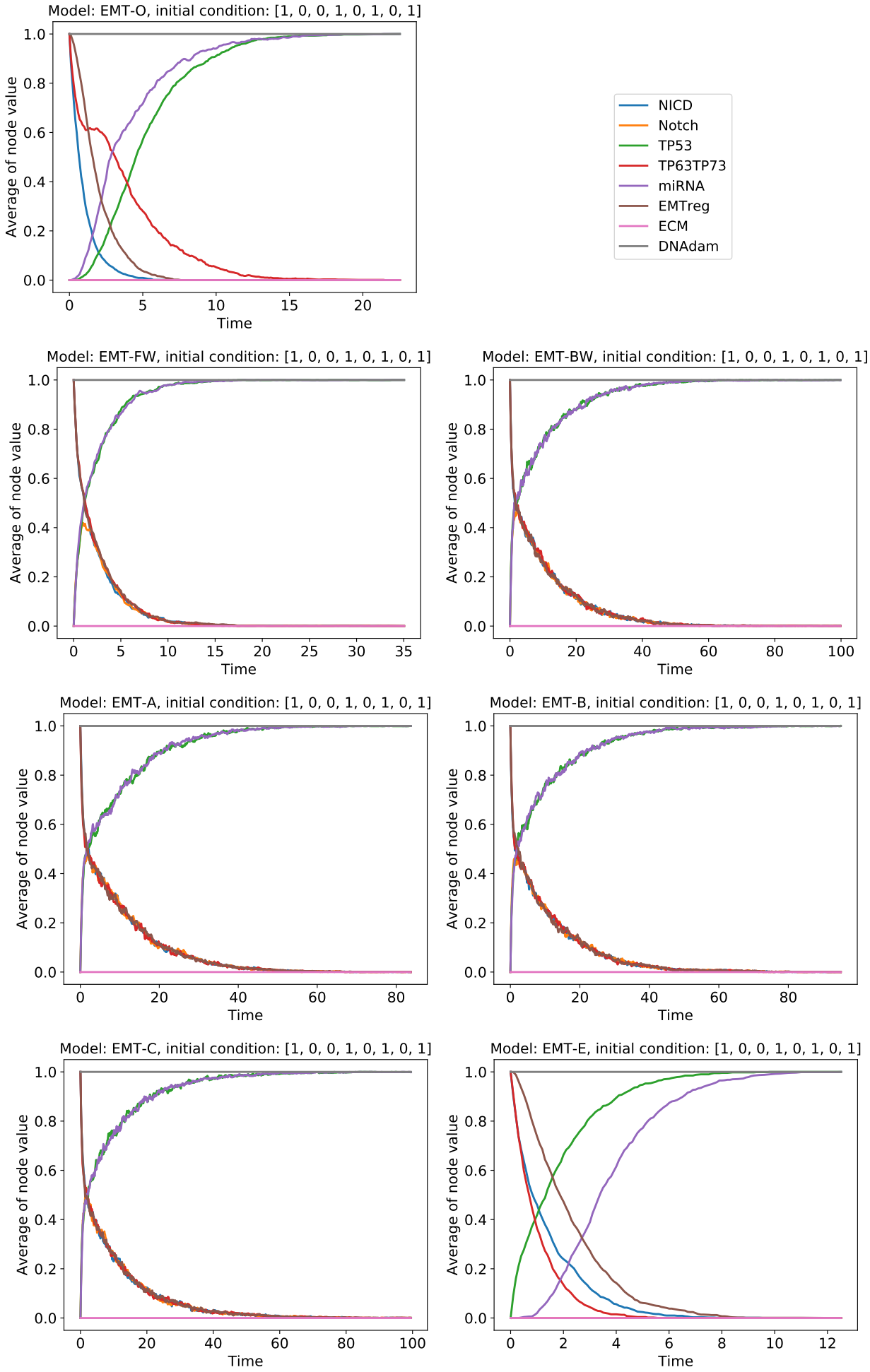
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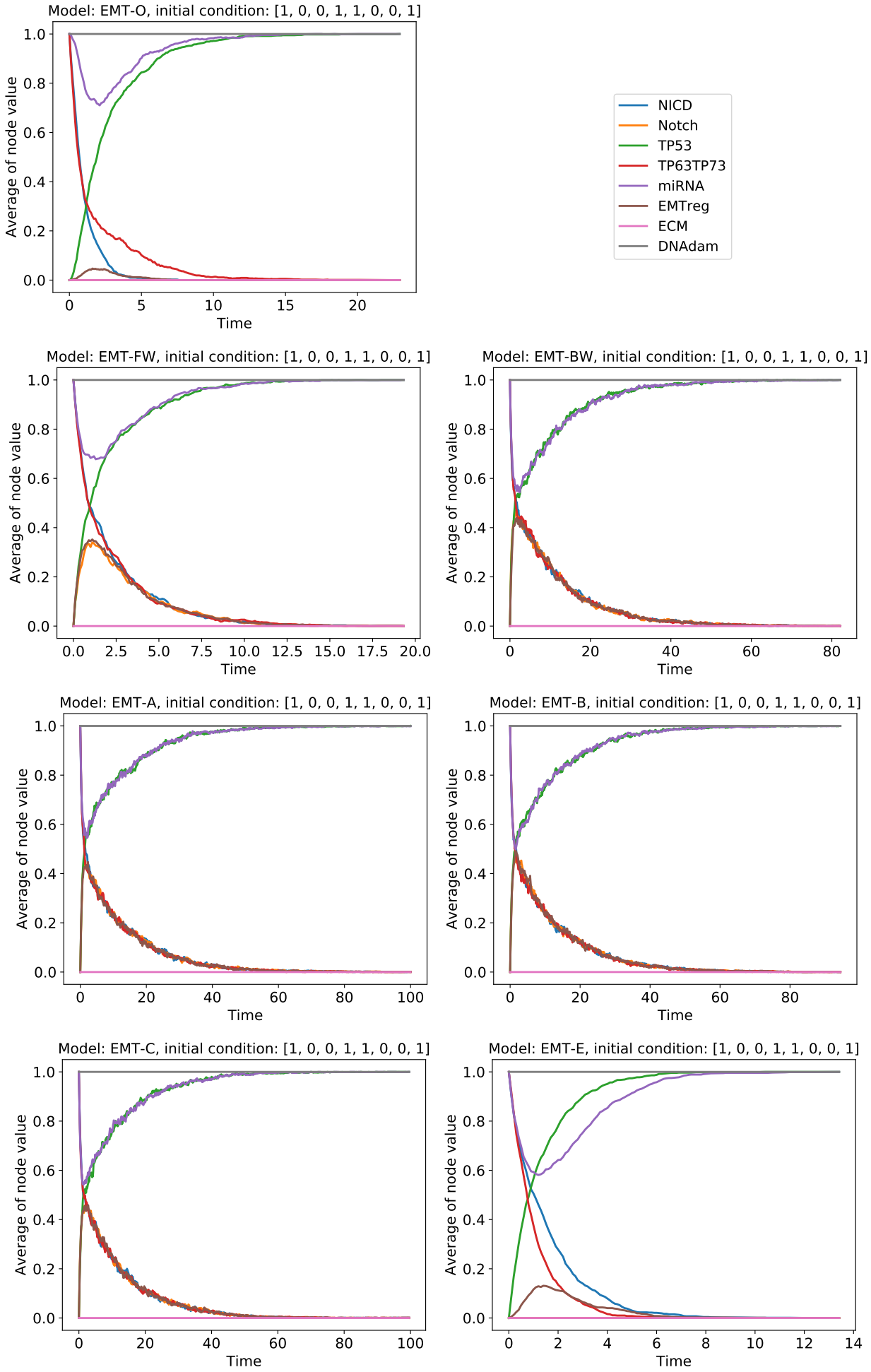
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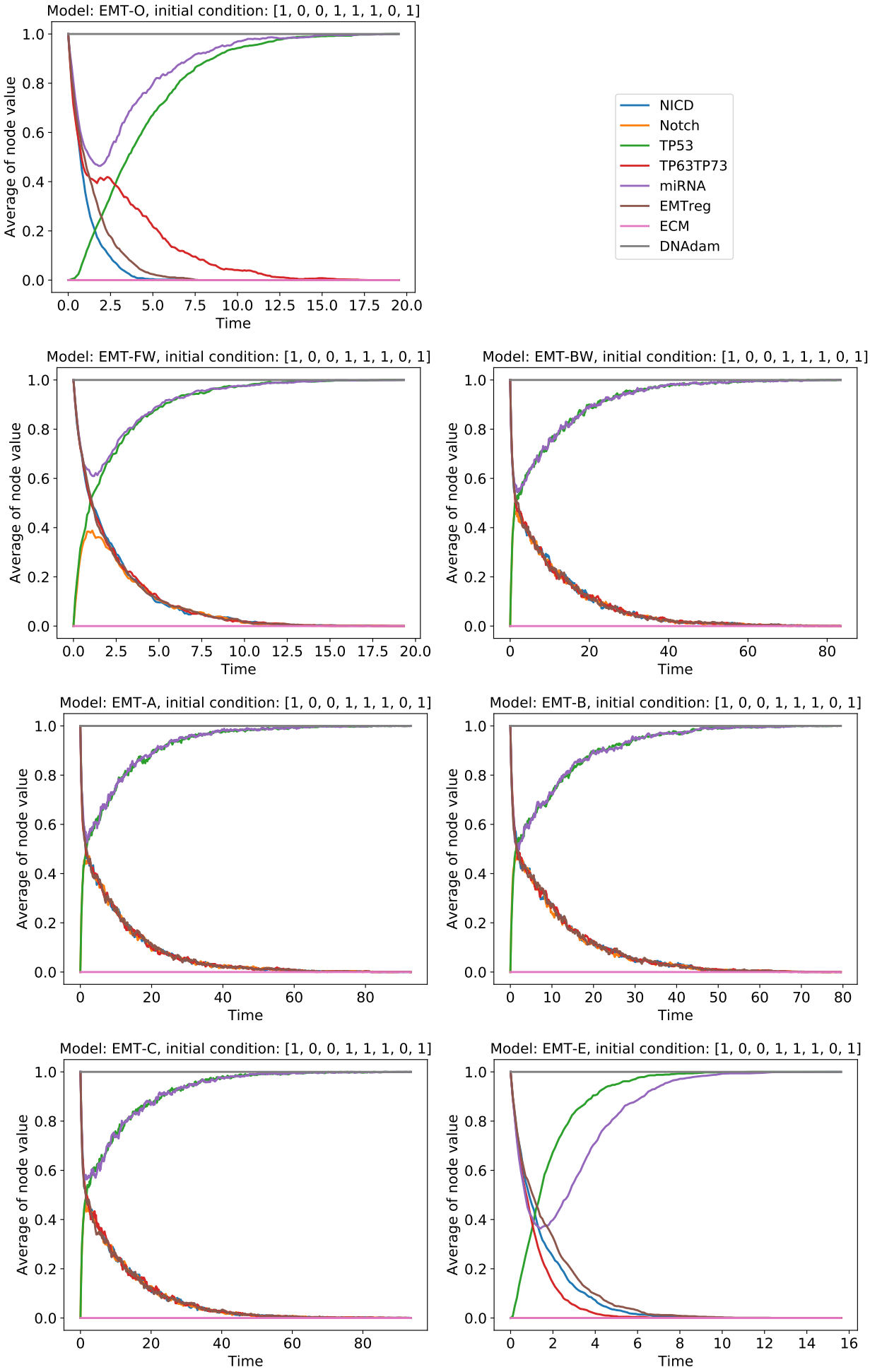
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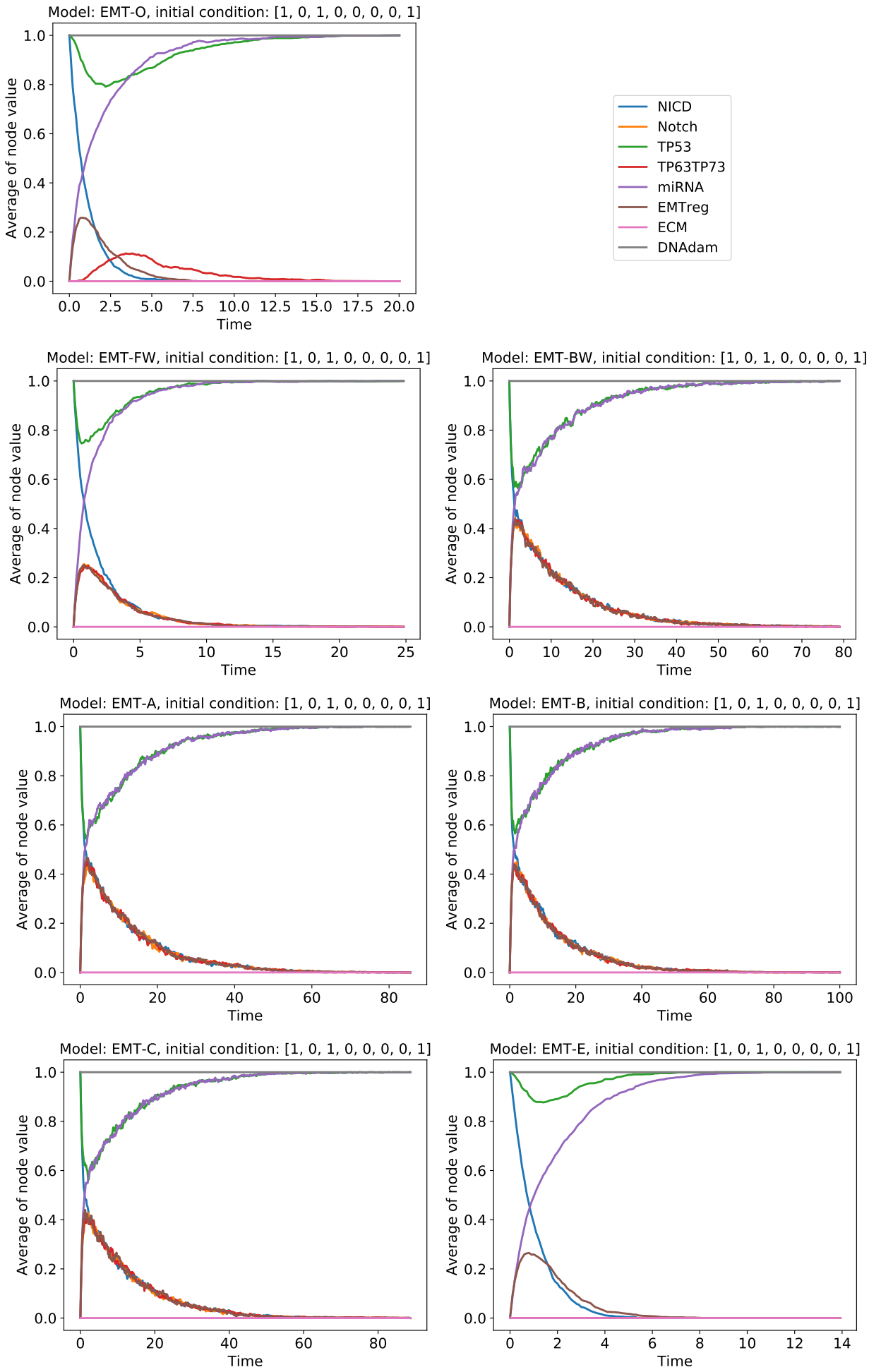
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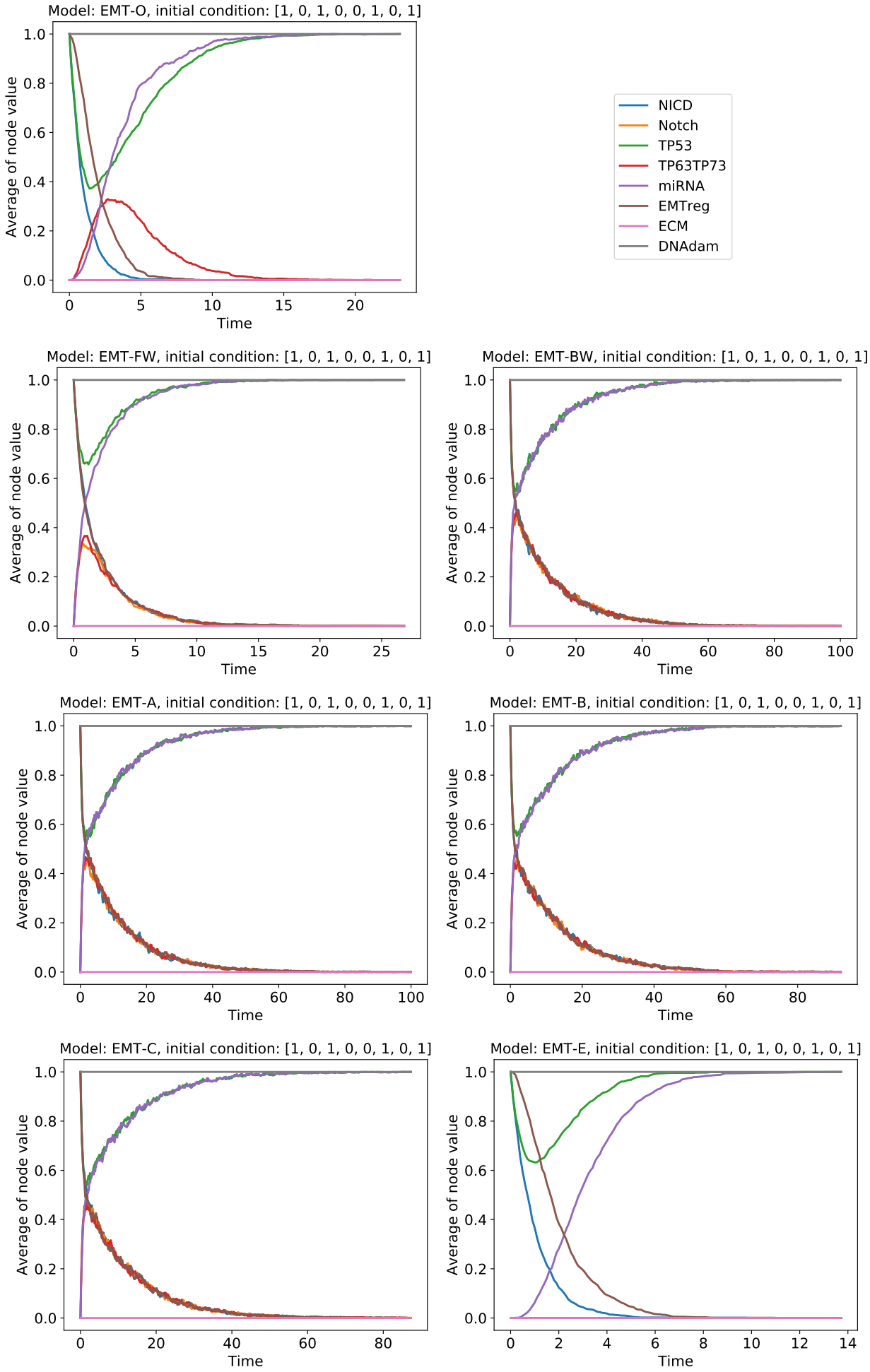
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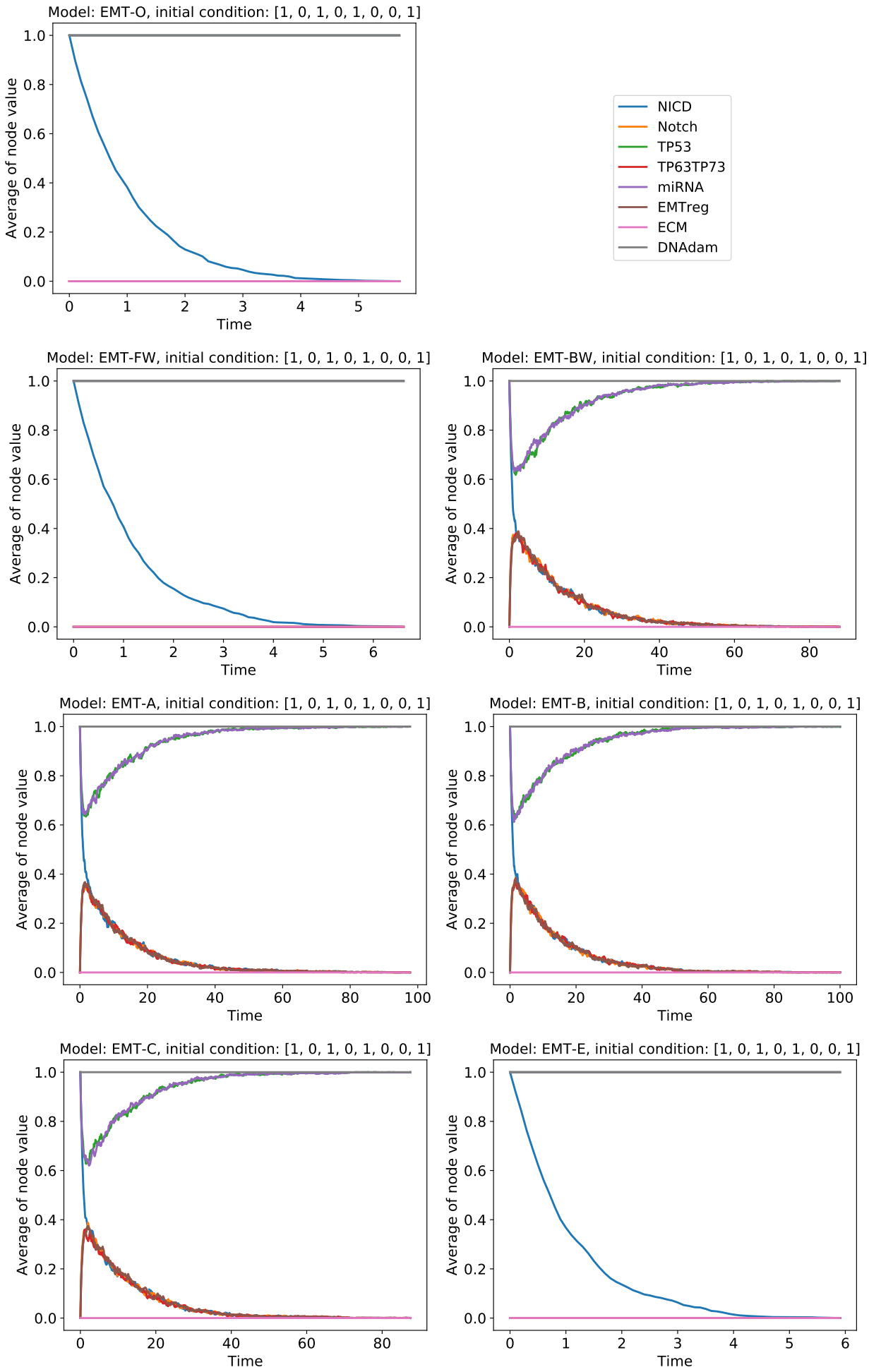
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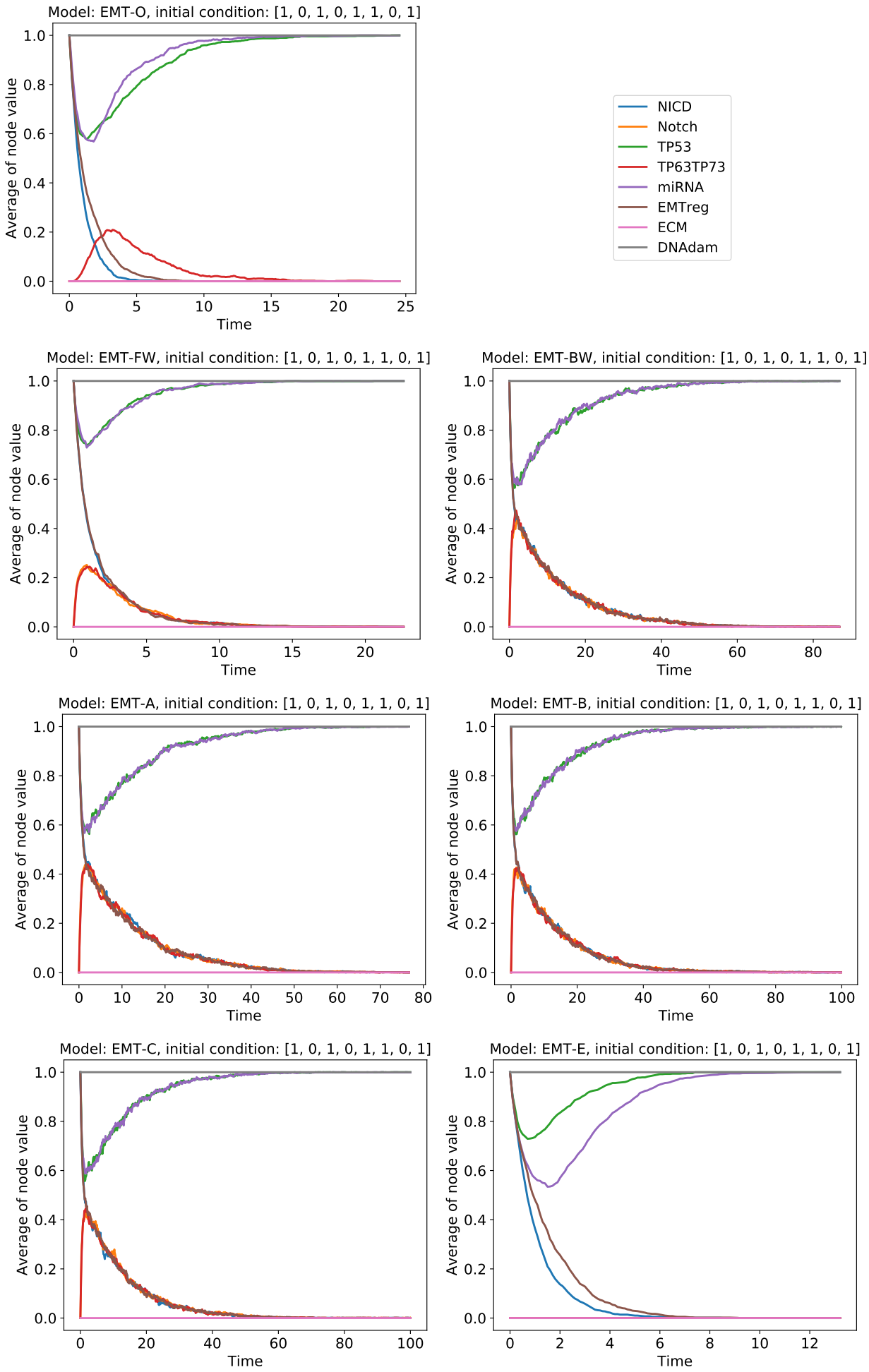
Model: EMT-O, initial condition: [1, 0, 1, 0, 1, 1, 0, 1]
Model: EMT-FW, initial condition: [1, 0, 1, 0, 1, 1, 0, 1]
Model: EMT-BW, initial condition: [1, 0, 1, 0, 1, 1, 0, 1]
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Model: EMT-B, initial condition: [1, 0, 1, 0, 1, 1, 0, 1]
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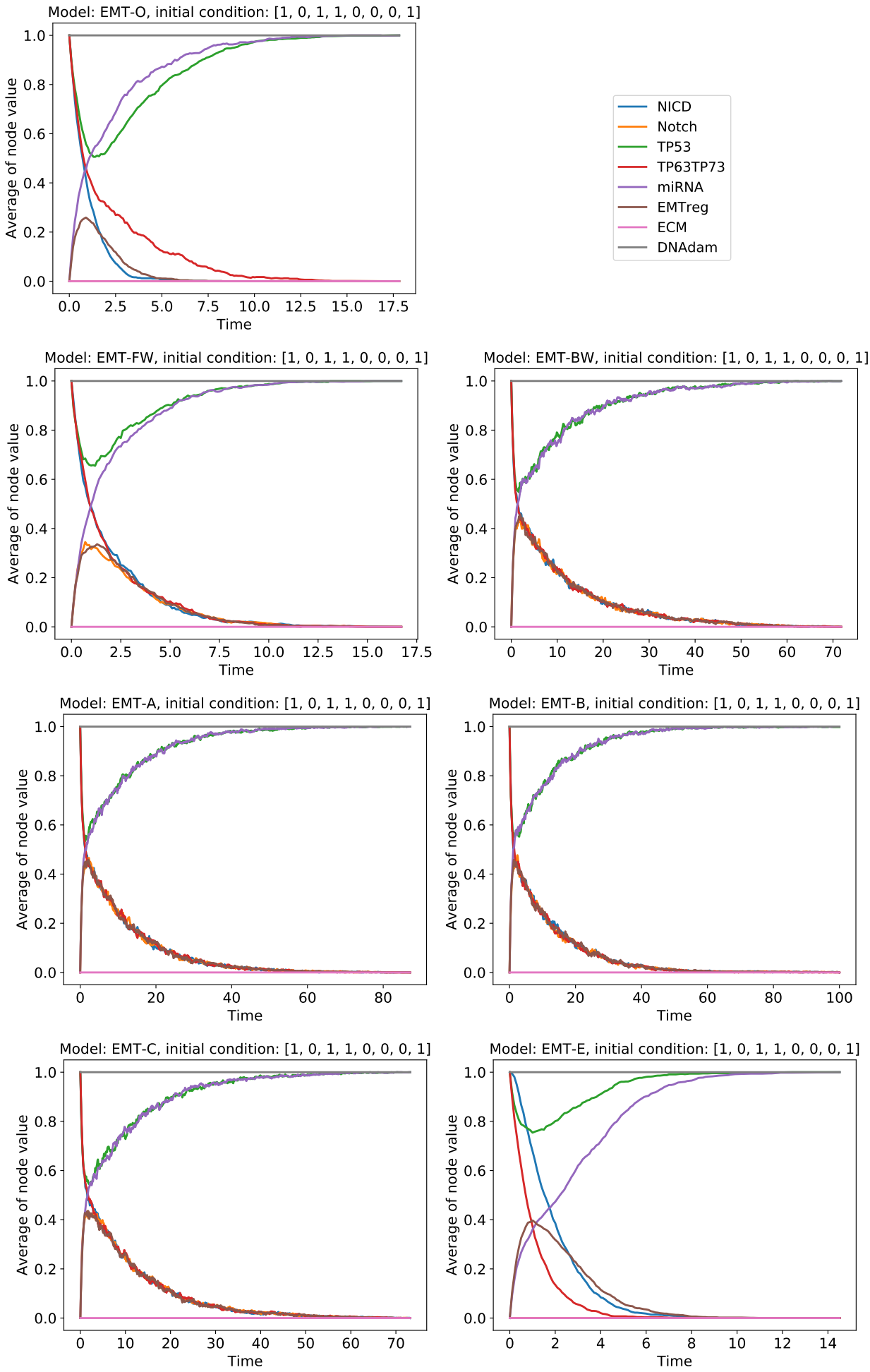
Model: EMT-E, initial condition: [1, 0, 1, 0, 1, 1, 0, 1]
Average of node value
Time
NICD
Notch
TP53
TP63TP73
miRNA
EMTreg
ECM
DNAdam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Model: EMT-FW, initial condition: [1, 0, 1, 1, 0, 0, 0, 1]
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Model: EMT-B, initial condition: [1, 0, 1, 1, 0, 0, 0, 1]
Model: EMT-C, initial condition: [1, 0, 1, 1, 0, 0, 0, 1]
Model: EMT-E, initial condition: [1, 0, 1, 1, 0, 0, 0, 1]
Average of node value
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miRNA
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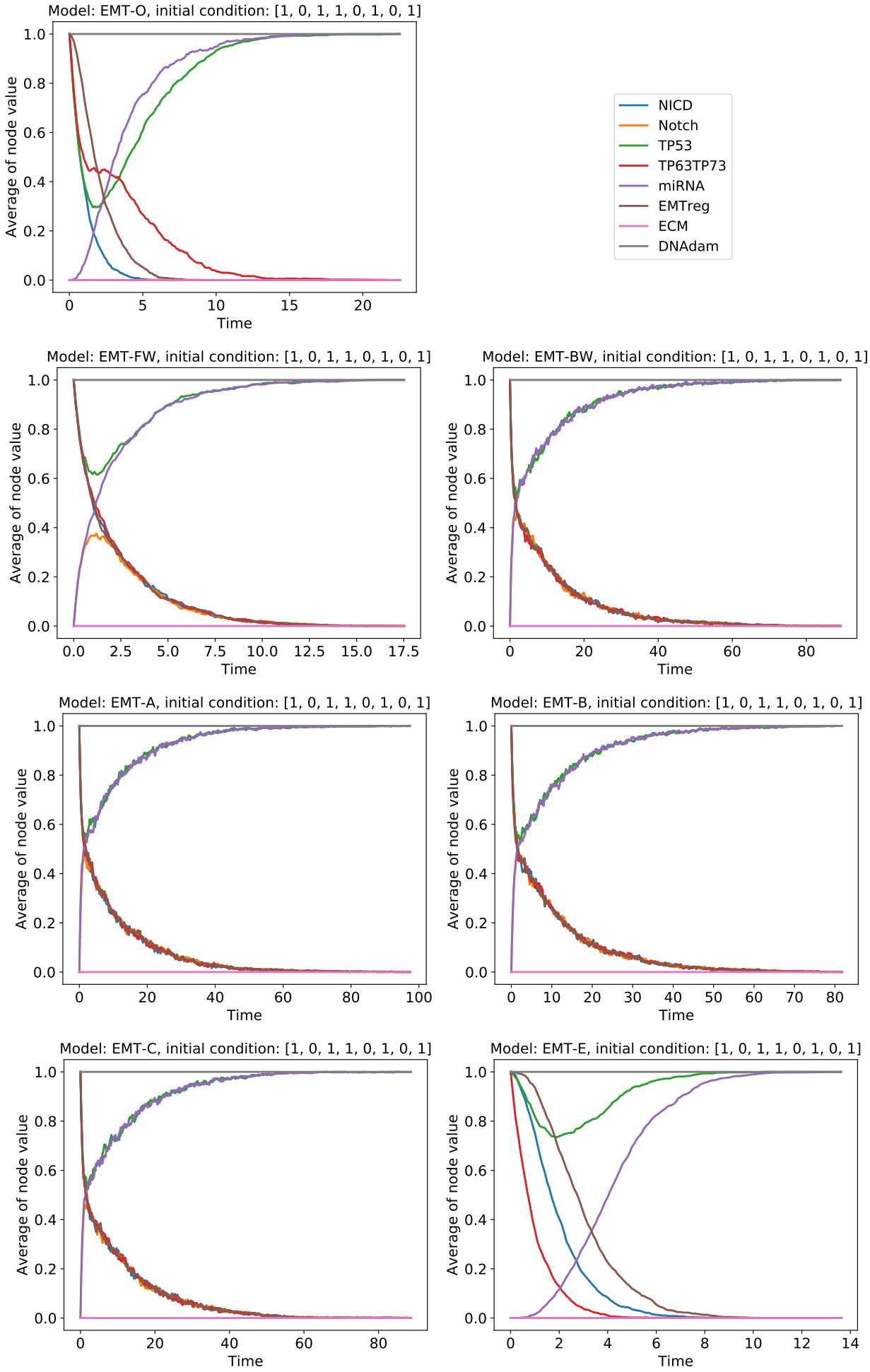
DNAdam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Model: EMT-E, initial condition: [1, 0, 1, 1, 0, 1, 0, 1]
Average of node value
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miRNA
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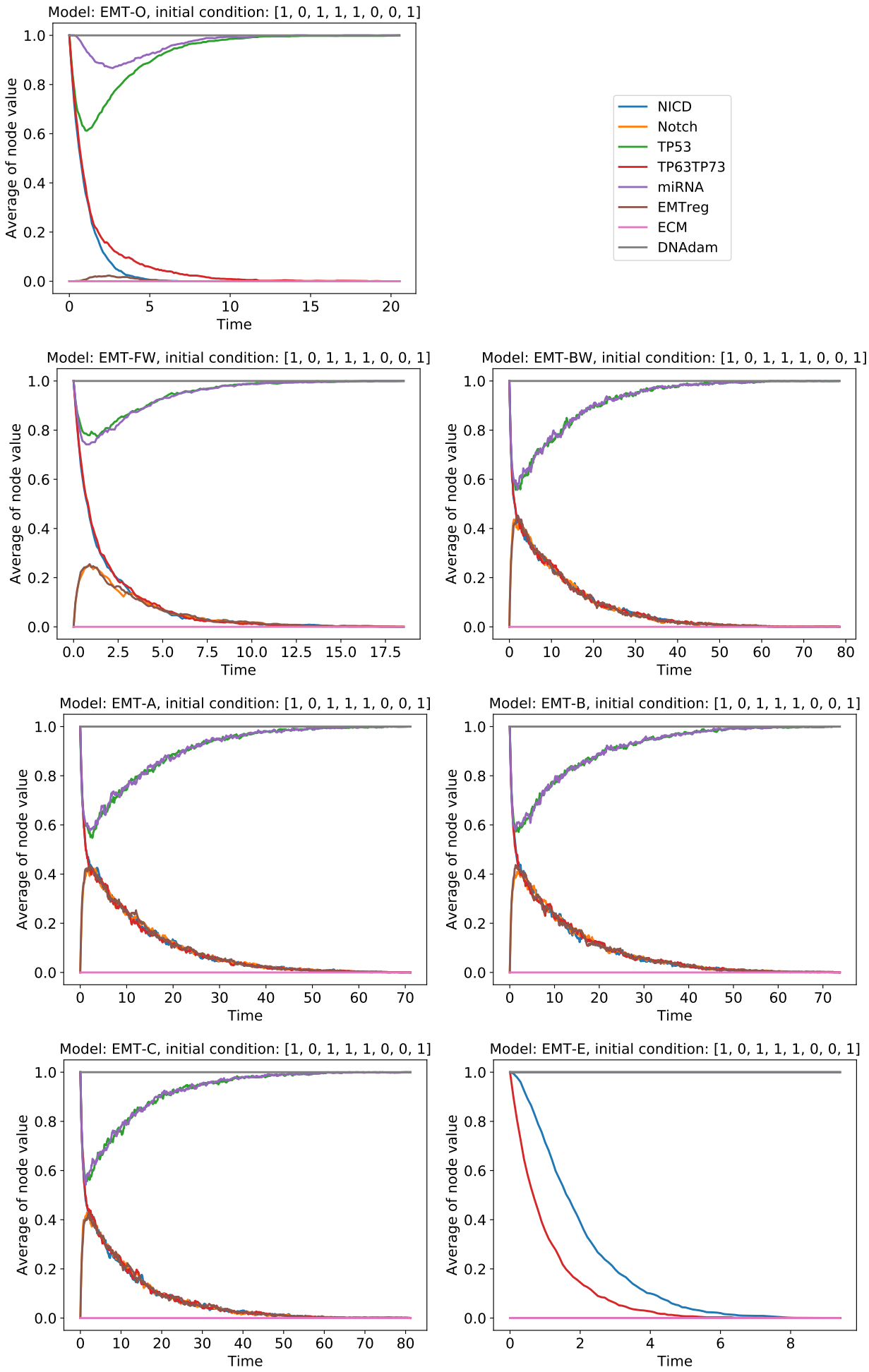
ECM
DNAdam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Model: EMT-E, initial condition: [1, 0, 1, 1, 1, 0, 0, 1]
Average of node value
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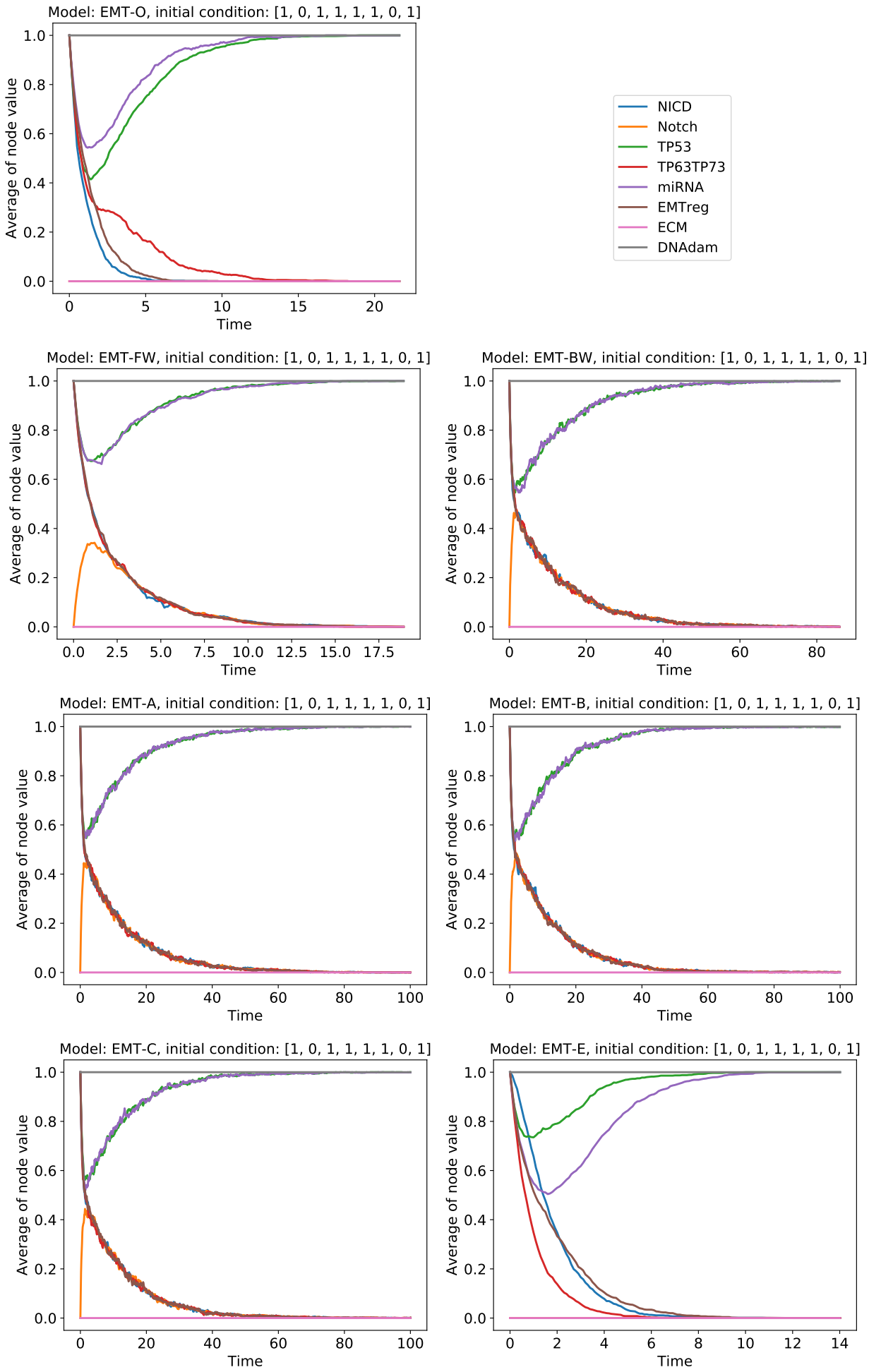
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Model: EMT-E, initial condition: [1, 0, 1, 1, 1, 1, 0, 1]
Average of node value
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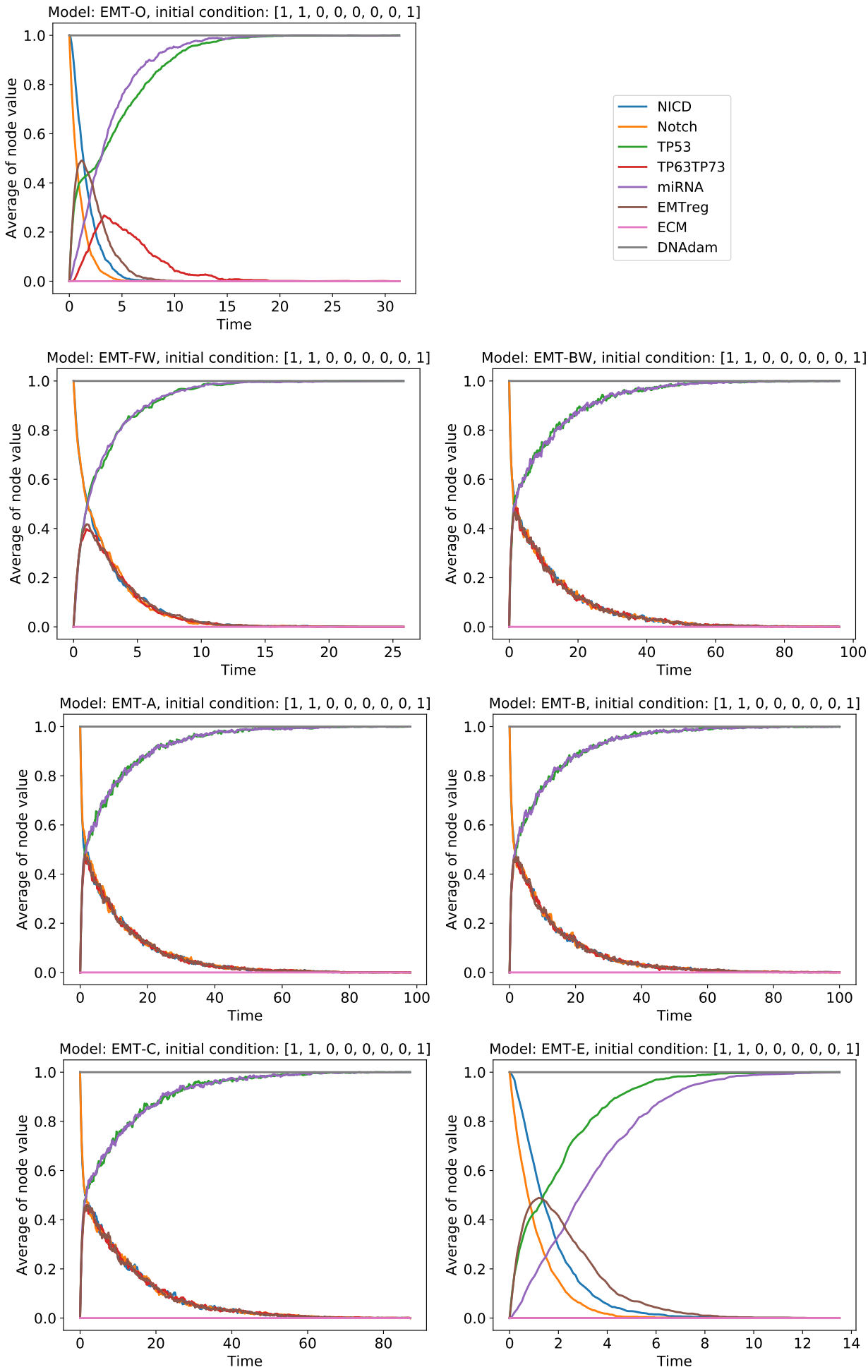
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Model: EMT-B, initial condition: [1, 1, 0, 0, 0, 0, 0, 1]
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Model: EMT-E, initial condition: [1, 1, 0, 0, 0, 0, 0, 1]
Average of node value
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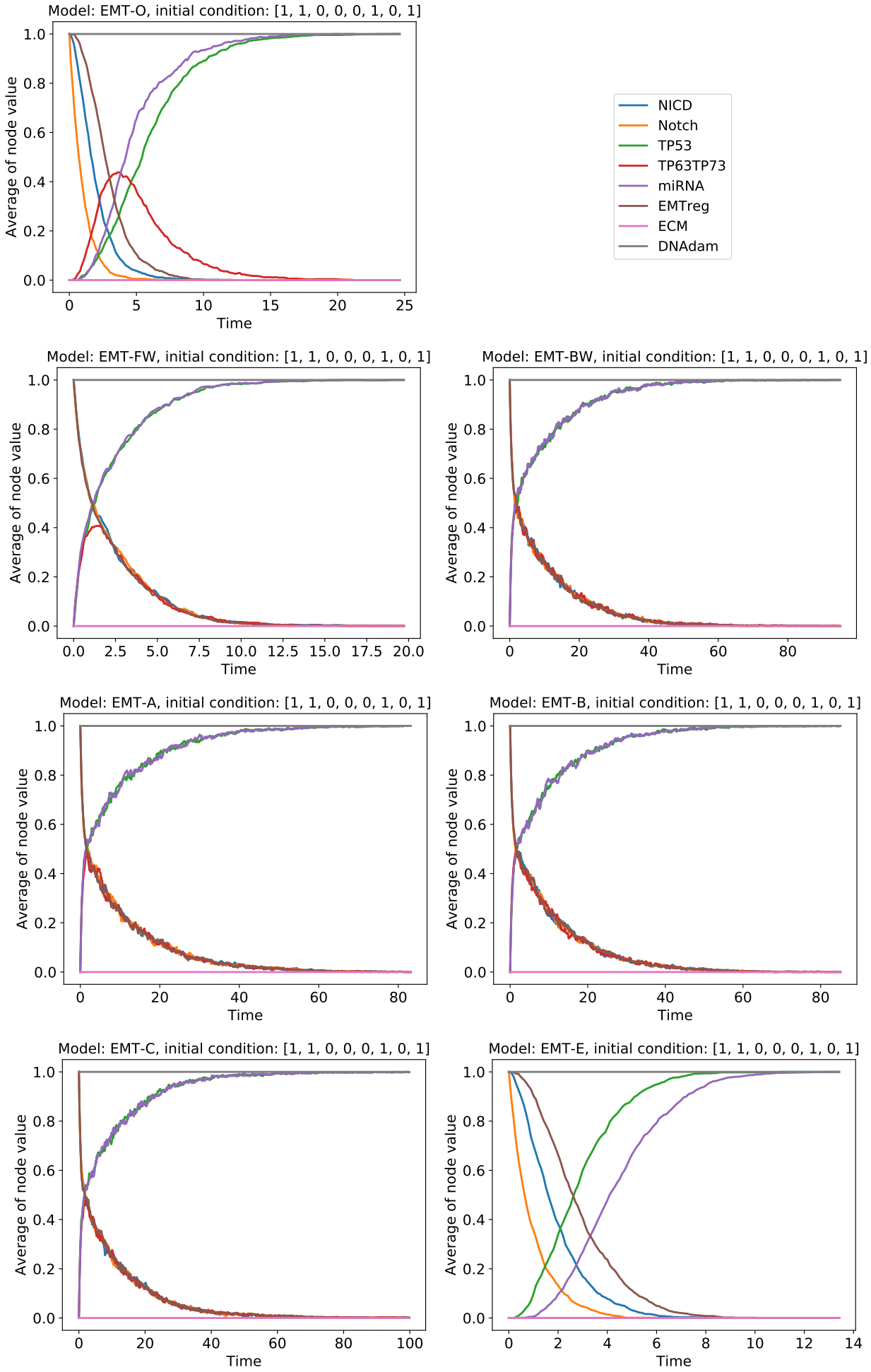
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Model: EMT-B, initial condition: [1, 1, 0, 0, 0, 1, 0, 1]
Model: EMT-C, initial condition: [1, 1, 0, 0, 0, 1, 0, 1]
Model: EMT-E, initial condition: [1, 1, 0, 0, 0, 1, 0, 1]
Average of node value
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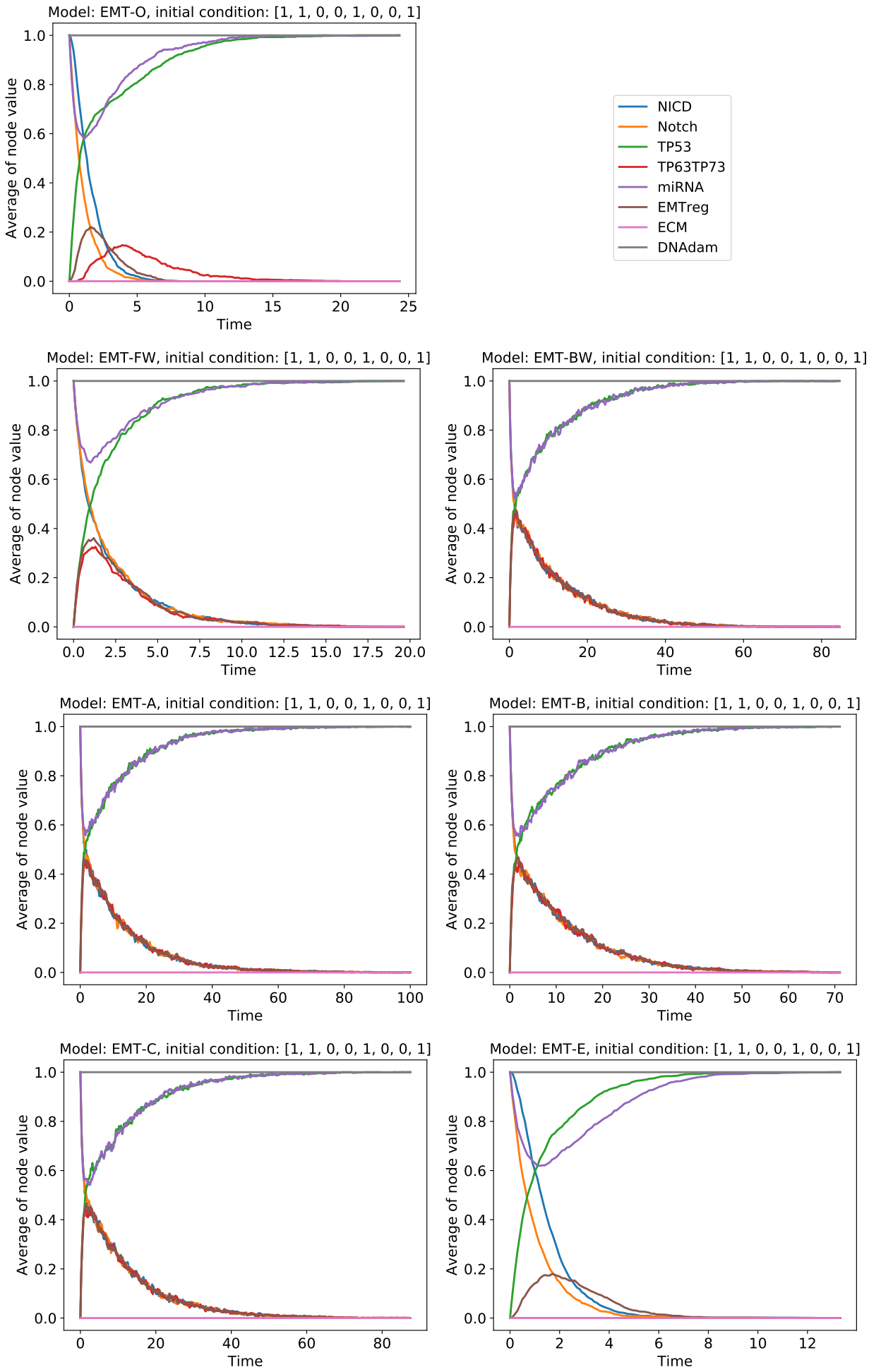
DNAdam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Model: EMT-A, initial condition: [1, 1, 0, 0, 1, 0, 0, 1]
Model: EMT-B, initial condition: [1, 1, 0, 0, 1, 0, 0, 1]
Model: EMT-C, initial condition: [1, 1, 0, 0, 1, 0, 0, 1]
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Average of node value
Time
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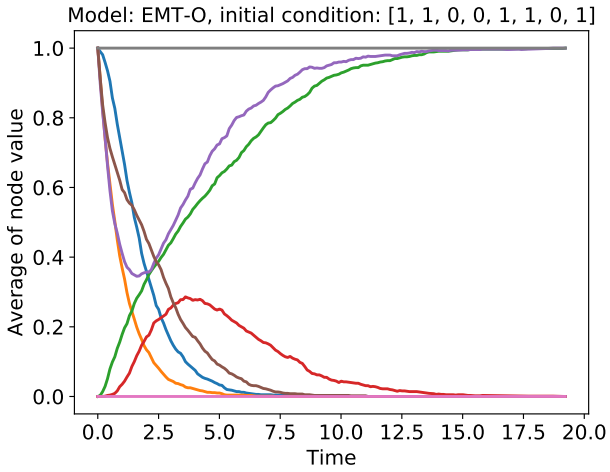
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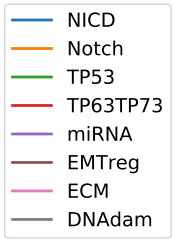
Time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ECM
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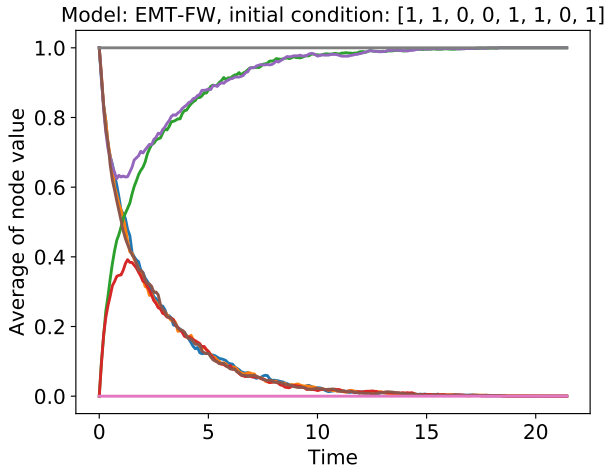
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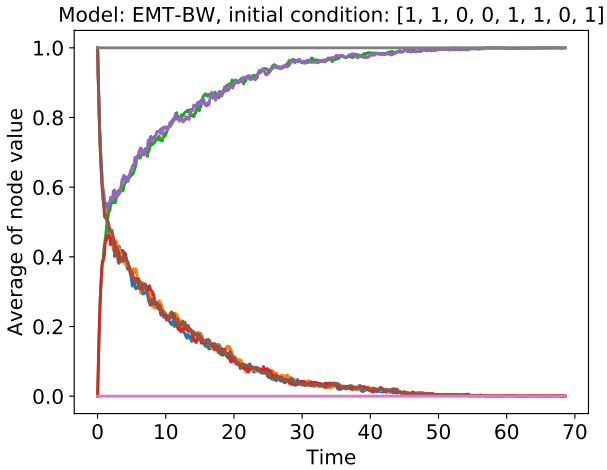
Average of node value
Time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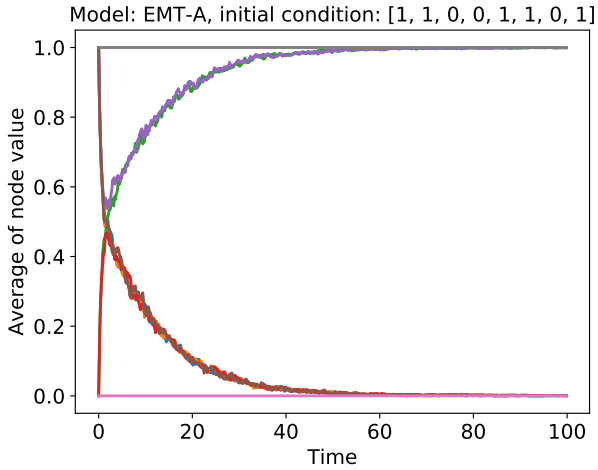
Average of node value
Time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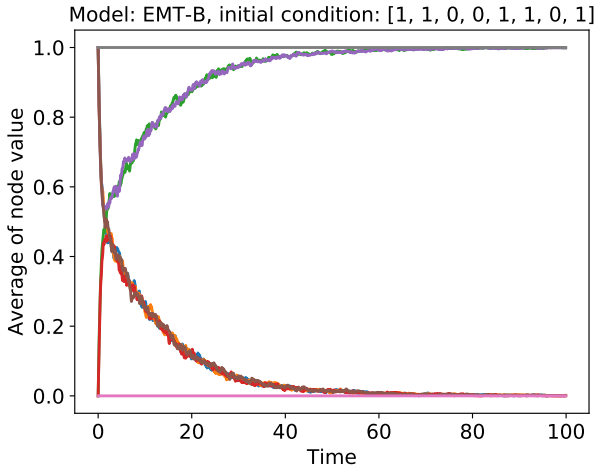
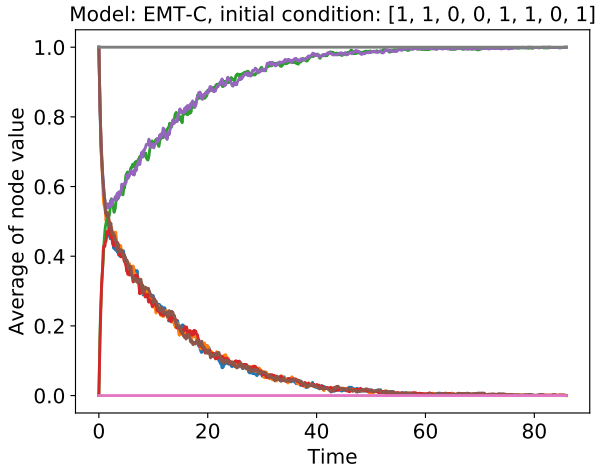
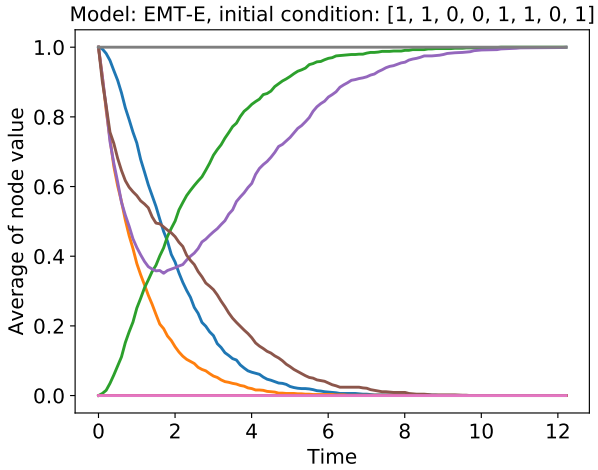
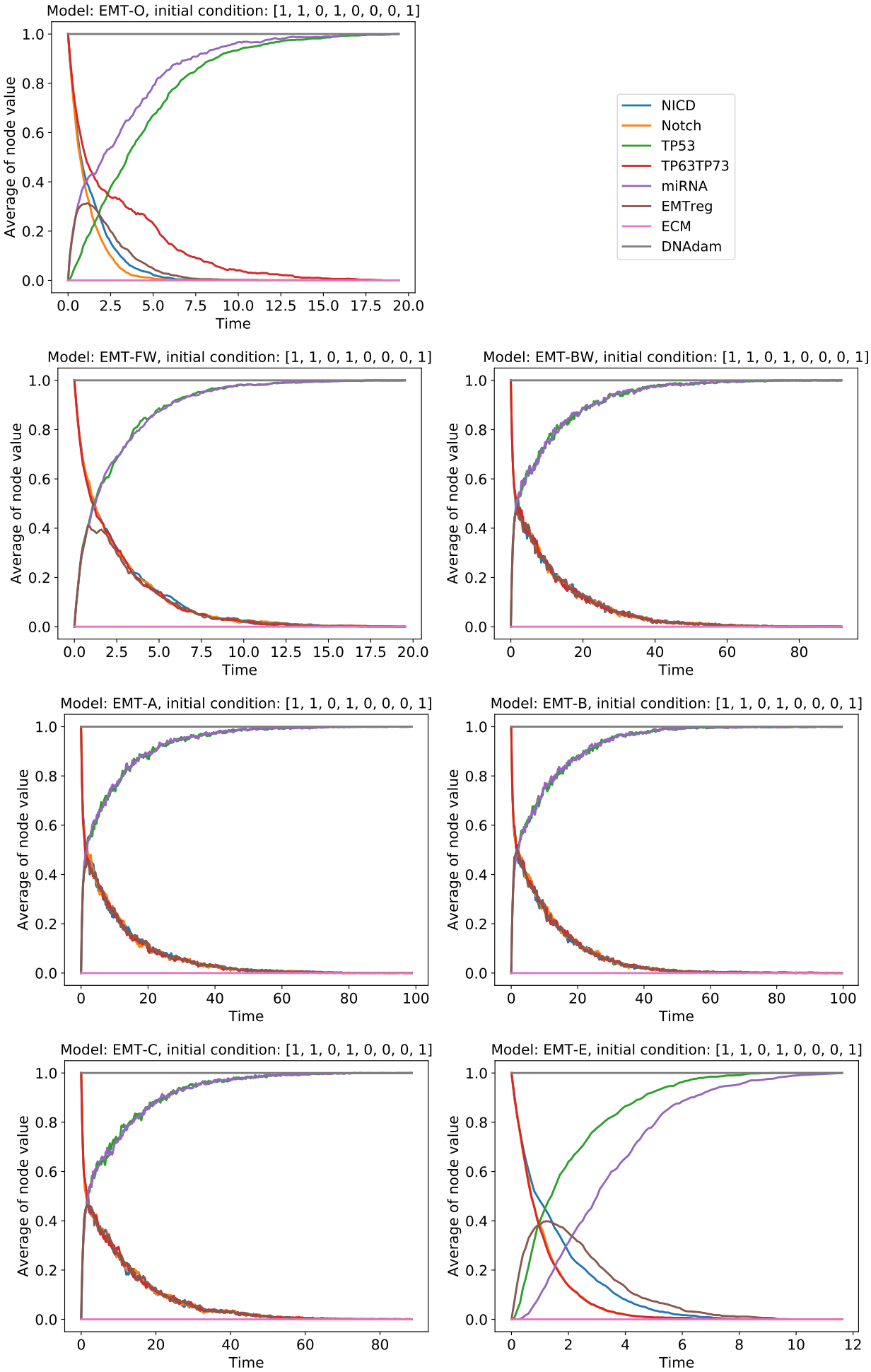
Average of node value
Time


Model: EMT-B, initial condition: [1, 1, 0, 0, 1, 1, 0, 1]
Average of node value
Time


Model: EMT-C, initial condition: [1, 1, 0, 0, 1, 1, 0, 1]
Average of node value
Time


Model: EMT-E, initial condition: [1, 1, 0, 0, 1, 1, 0, 1]
Average of node value
Time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Model: EMT-FW, initial condition: [1, 1, 0, 1, 0, 0, 0, 1]
Model: EMT-BW, initial condition: [1, 1, 0, 1, 0, 0, 0, 1]
Model: EMT-A, initial condition: [1, 1, 0, 1, 0, 0, 0, 1]
Model: EMT-B, initial condition: [1, 1, 0, 1, 0, 0, 0, 1]
Model: EMT-C, initial condition: [1, 1, 0, 1, 0, 0, 0, 1]
Model: EMT-E, initial condition: [1, 1, 0, 1, 0, 0, 0, 1]
Average of node value
Time
NICD
Notch
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TP63TP73
miRNA
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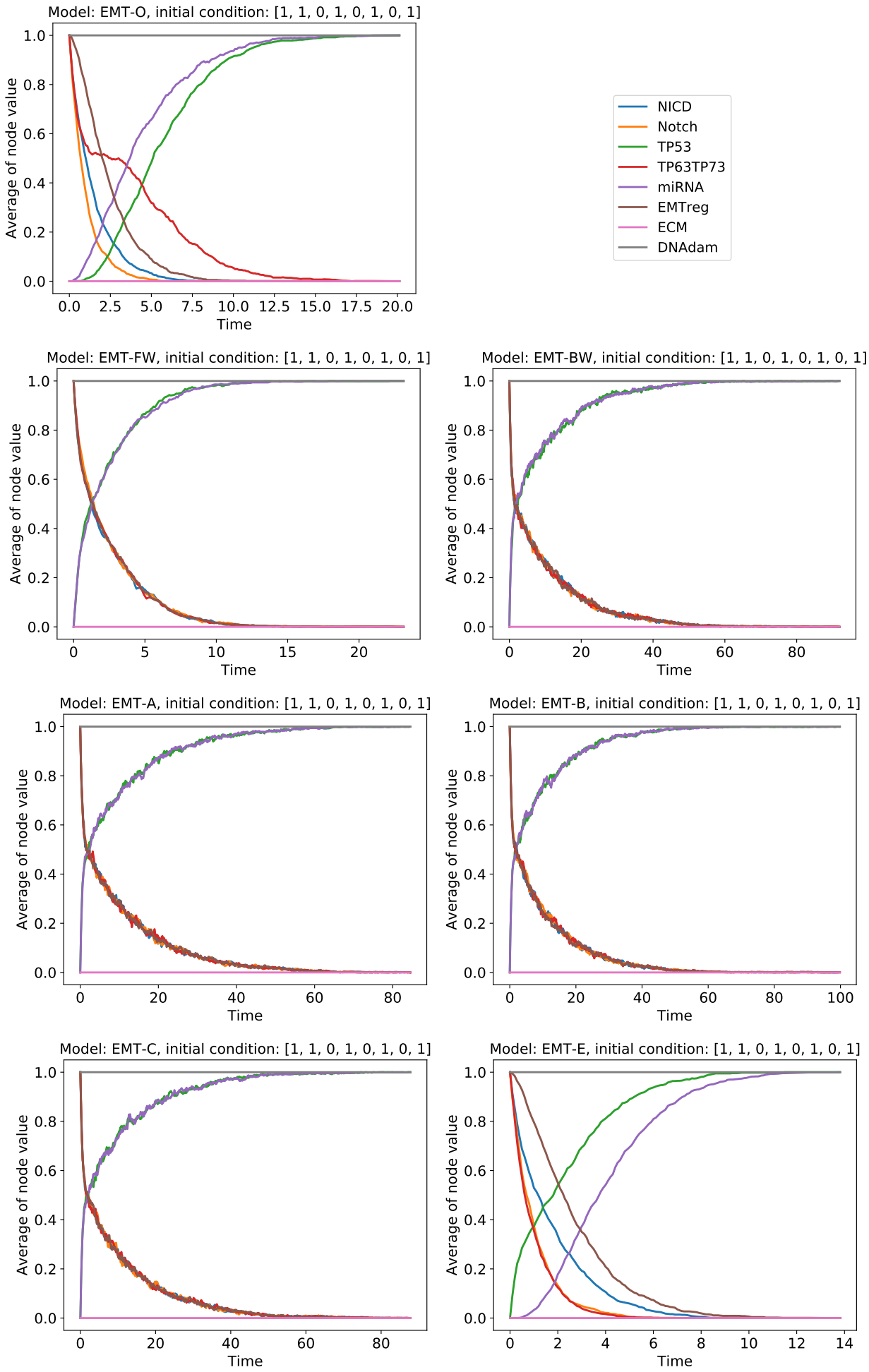
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Model: EMT-FW, initial condition: [1, 1, 0, 1, 0, 1, 0, 1]
Model: EMT-BW, initial condition: [1, 1, 0, 1, 0, 1, 0, 1]
Model: EMT-A, initial condition: [1, 1, 0, 1, 0, 1, 0, 1]
Model: EMT-B, initial condition: [1, 1, 0, 1, 0, 1, 0, 1]
Model: EMT-C, initial condition: [1, 1, 0, 1, 0, 1, 0, 1]
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Average of node value
Time
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miRNA
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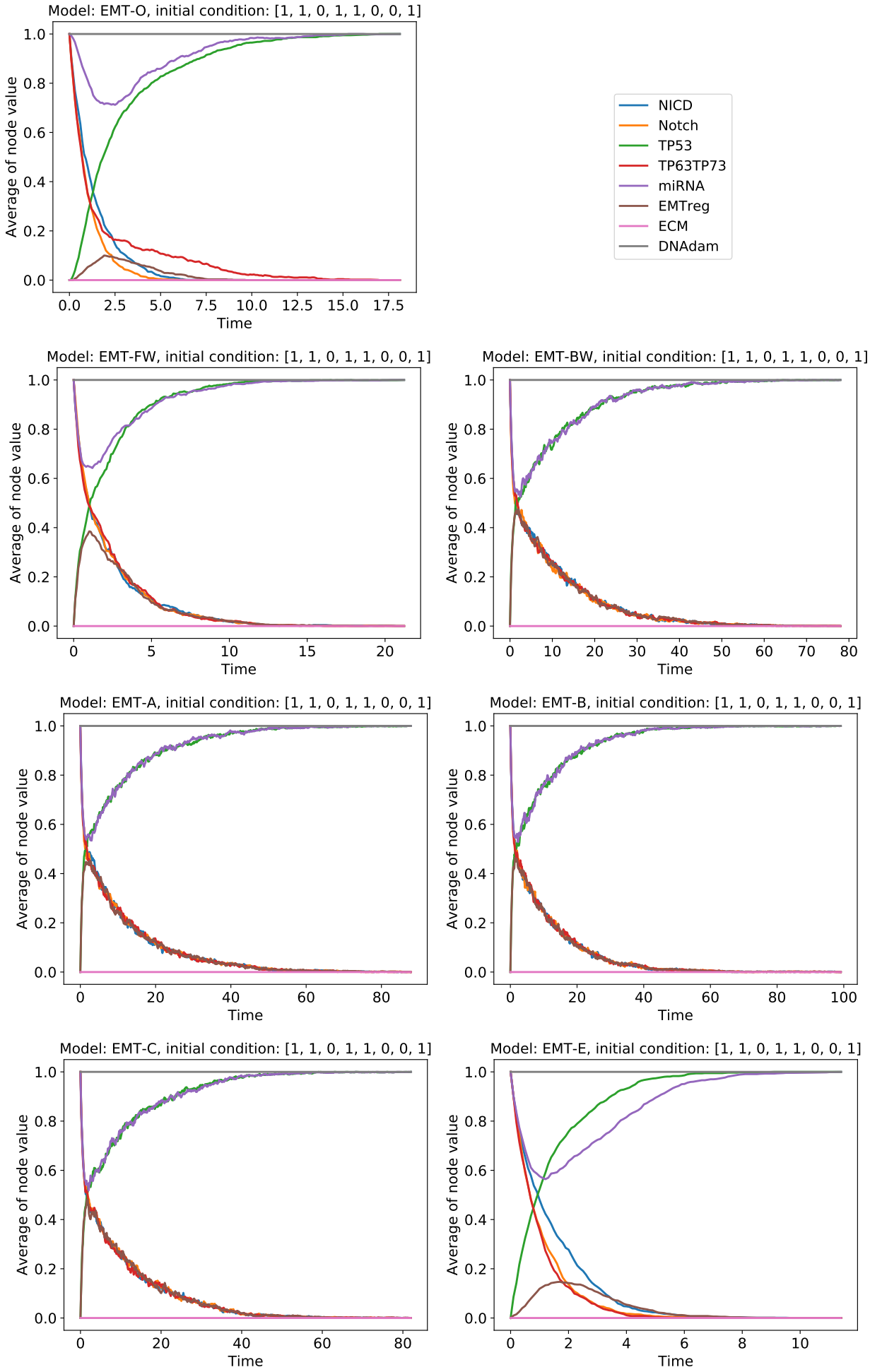
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Model: EMT-BW, initial condition: [1, 1, 0, 1, 1, 0, 0, 1]
Model: EMT-A, initial condition: [1, 1, 0, 1, 1, 0, 0, 1]
Model: EMT-B, initial condition: [1, 1, 0, 1, 1, 0, 0, 1]
Model: EMT-C, initial condition: [1, 1, 0, 1, 1, 0, 0, 1]
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Average of node value
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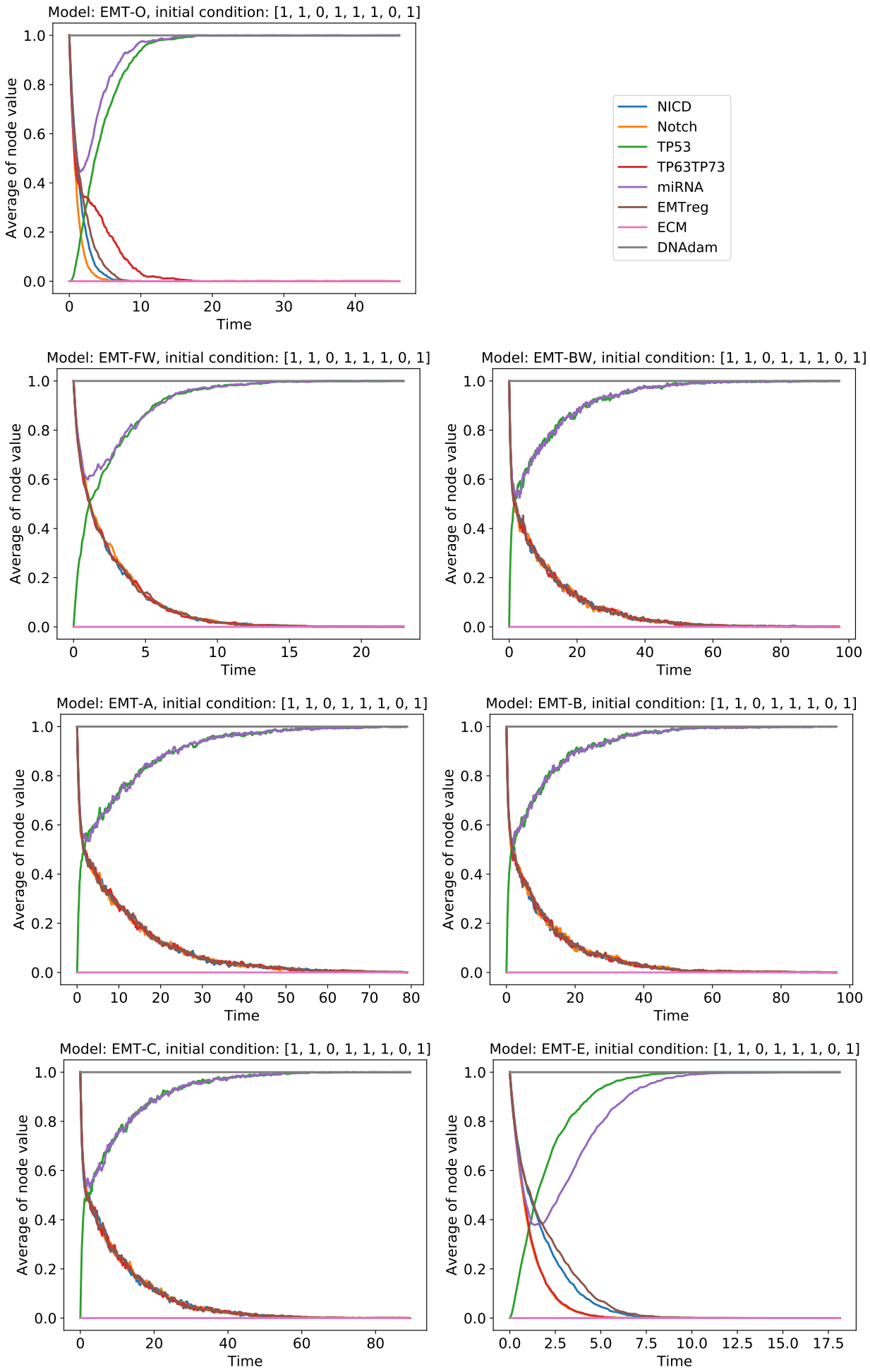
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Model: EMT-A, initial condition: [1, 1, 0, 1, 1, 1, 0, 1]
Model: EMT-B, initial condition: [1, 1, 0, 1, 1, 1, 0, 1]
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Average of node value
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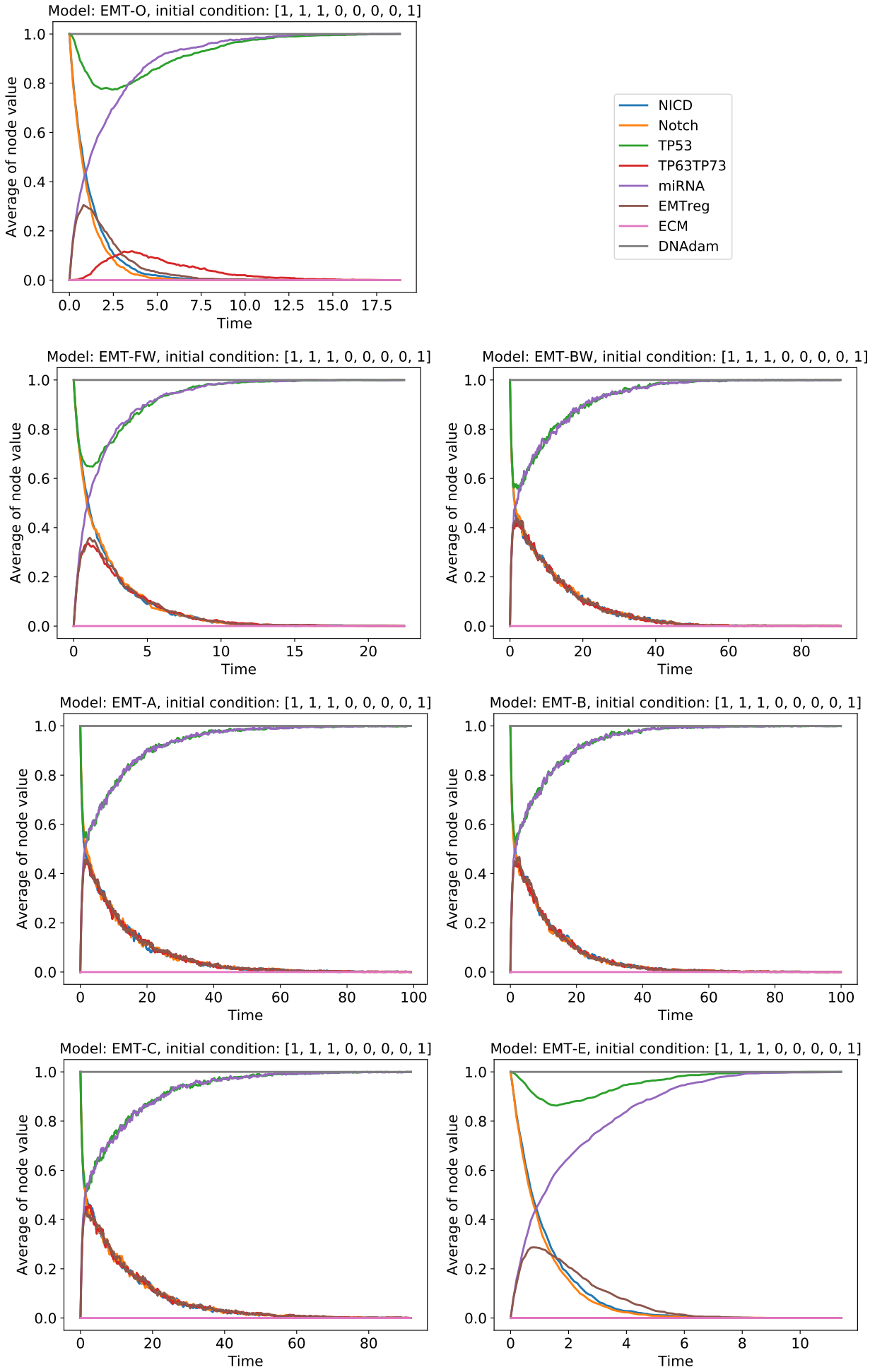
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Model: EMT-A, initial condition: [1, 1, 1, 0, 0, 0, 0, 1]
Model: EMT-B, initial condition: [1, 1, 1, 0, 0, 0, 0, 1]
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Average of node value
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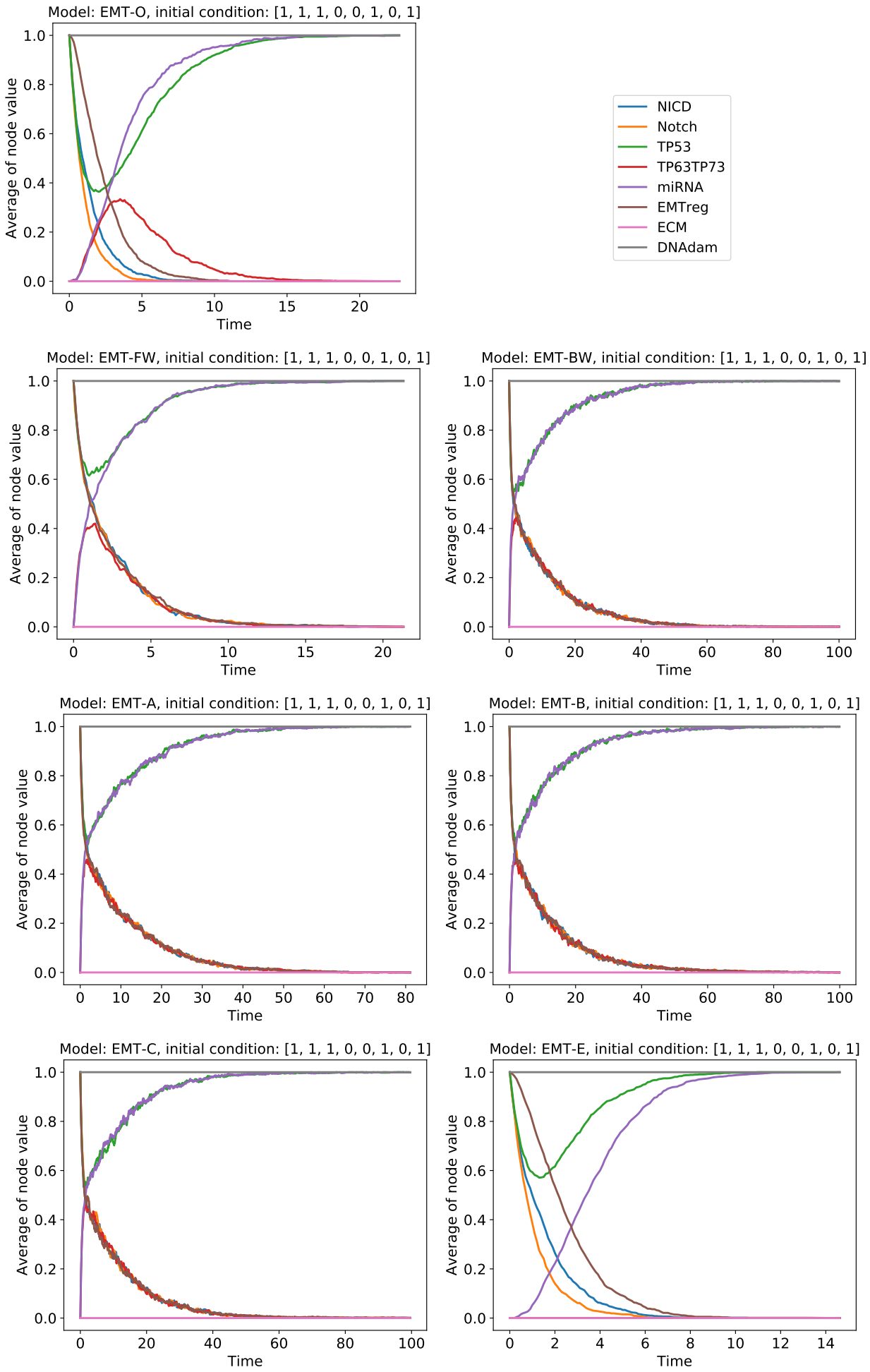
Model: EMT-O, initial condition: [1, 1, 1, 0, 0, 1, 0, 1]
Model: EMT-FW, initial condition: [1, 1, 1, 0, 0, 1, 0, 1]
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Model: EMT-A, initial condition: [1, 1, 1, 0, 0, 1, 0, 1]
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Average of node value
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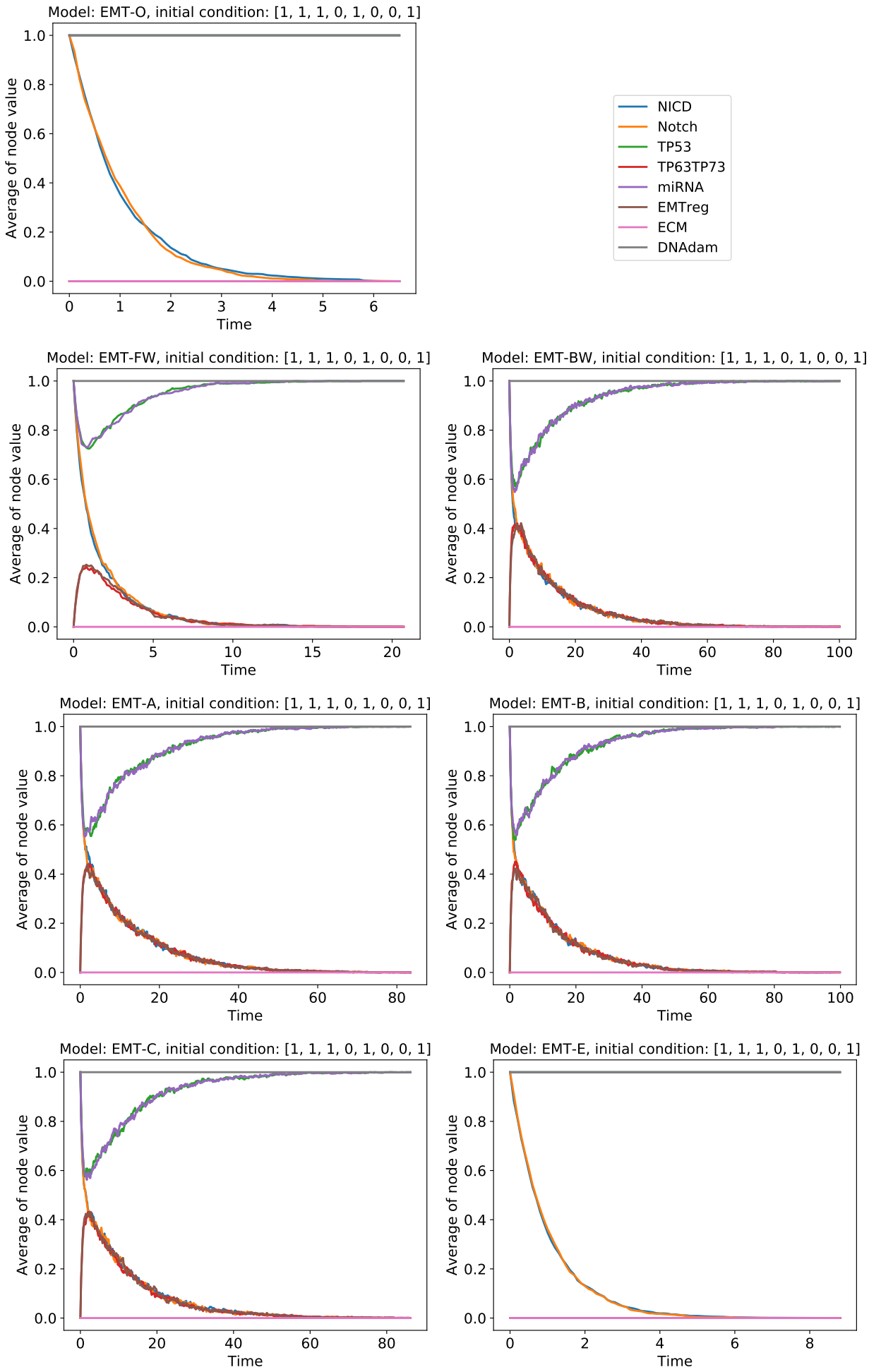
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Model: EMT-A, initial condition: [1, 1, 1, 0, 1, 0, 0, 1]
Model: EMT-B, initial condition: [1, 1, 1, 0, 1, 0, 0, 1]
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Model: EMT-E, initial condition: [1, 1, 1, 0, 1, 0, 0, 1]
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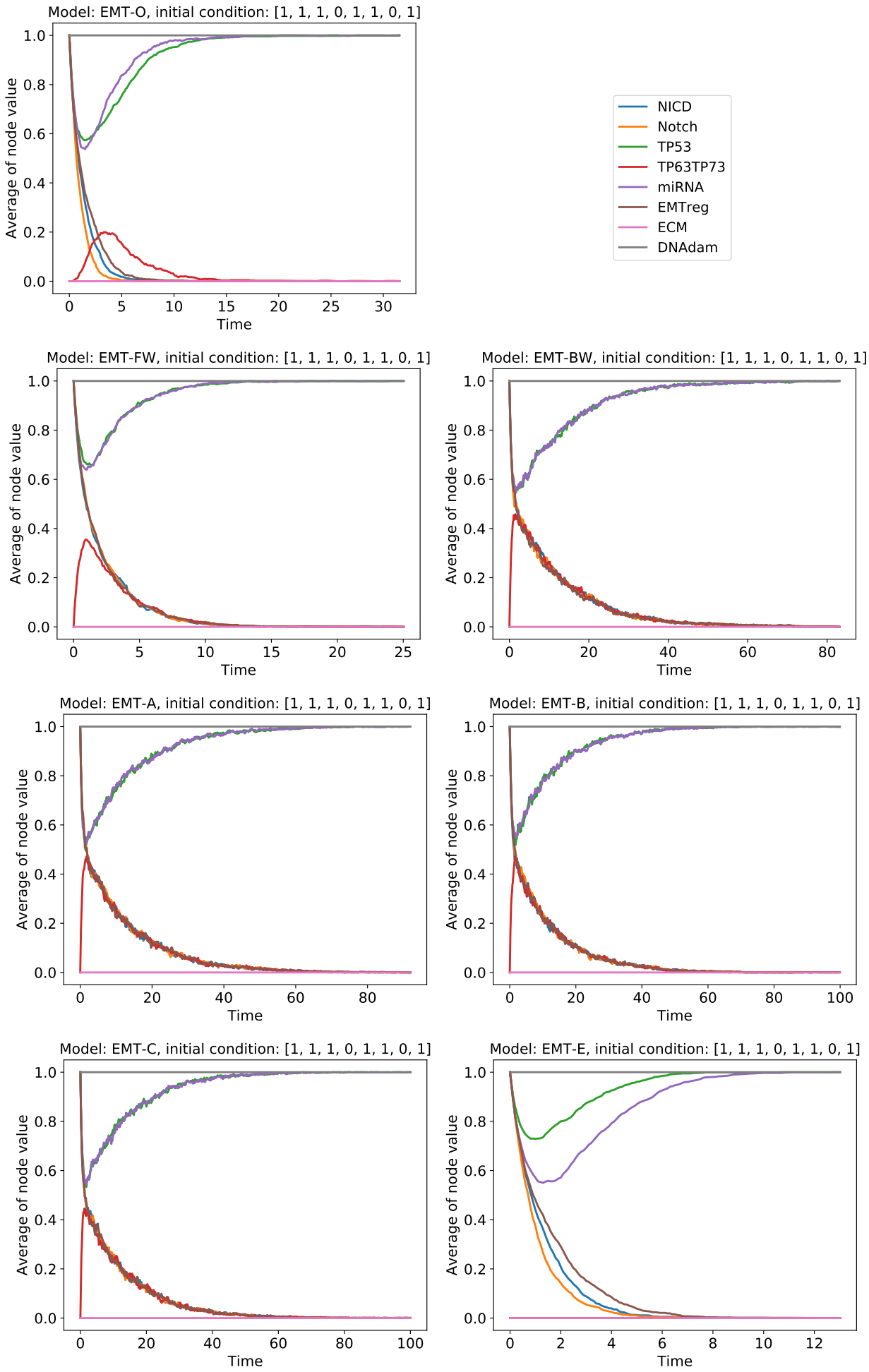
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Model: EMT-A, initial condition: [1, 1, 1, 0, 1, 1, 0, 1]
Model: EMT-B, initial condition: [1, 1, 1, 0, 1, 1, 0, 1]
Model: EMT-C, initial condition: [1, 1, 1, 0, 1, 1, 0, 1]
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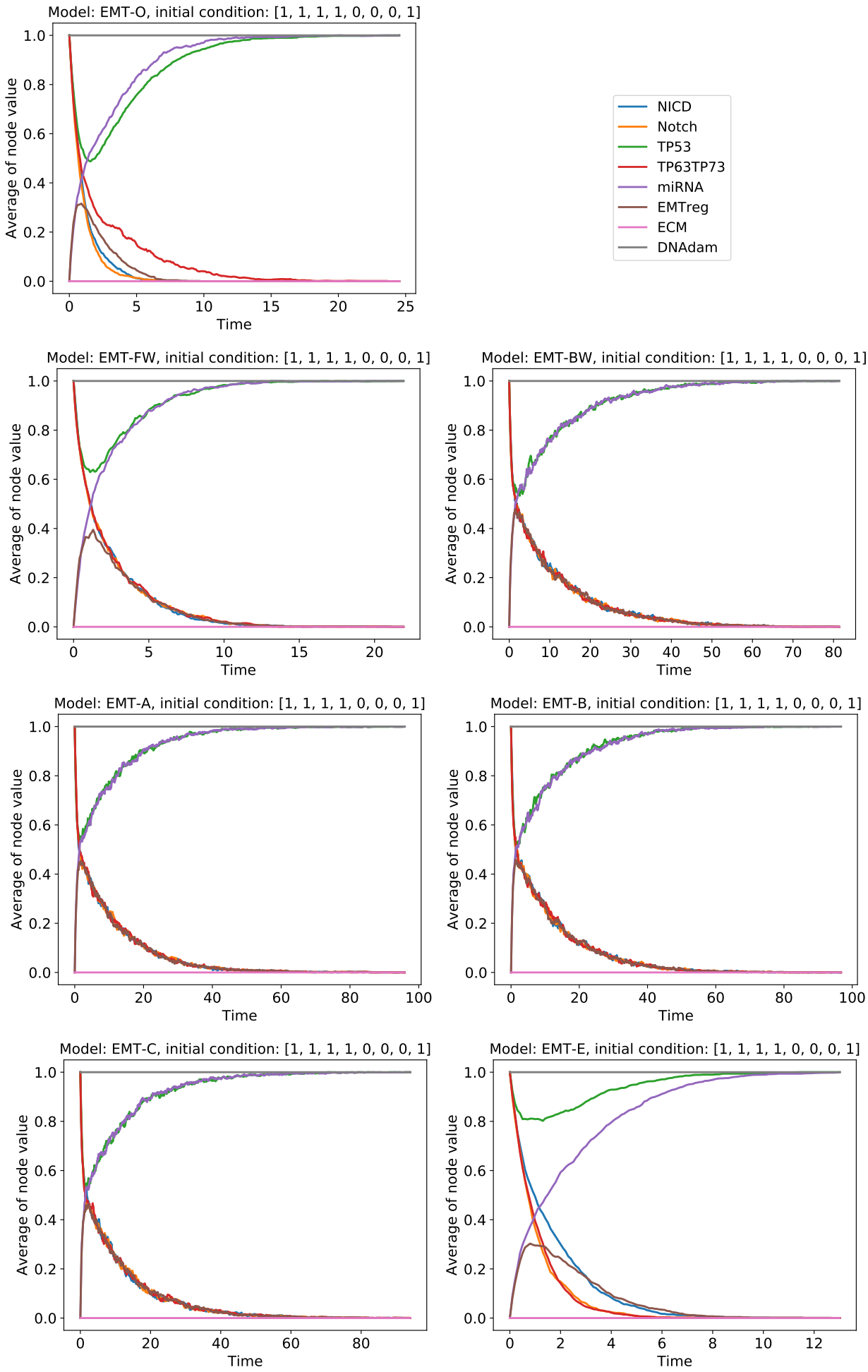
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Model: EMT-A, initial condition: [1, 1, 1, 1, 0, 0, 0, 1]
Model: EMT-B, initial condition: [1, 1, 1, 1, 0, 0, 0, 1]
Model: EMT-C, initial condition: [1, 1, 1, 1, 0, 0, 0, 1]
Model: EMT-E, initial condition: [1, 1, 1, 1, 0, 0, 0, 1]
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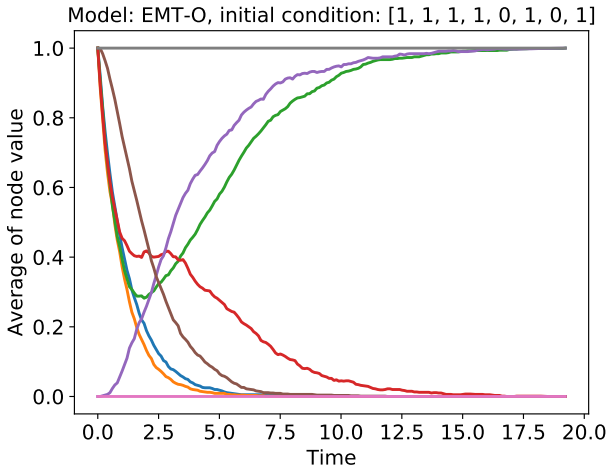
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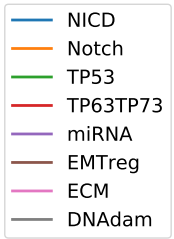
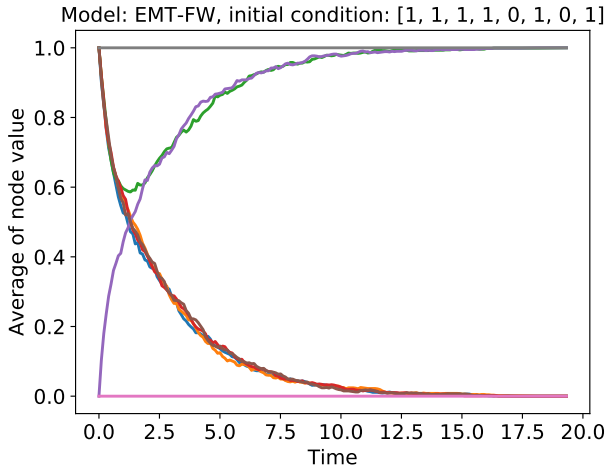
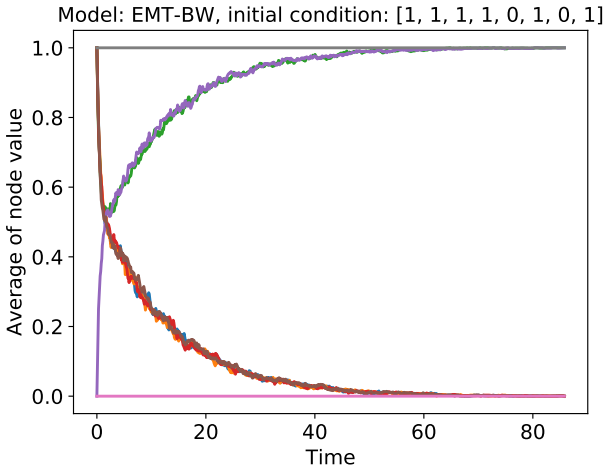
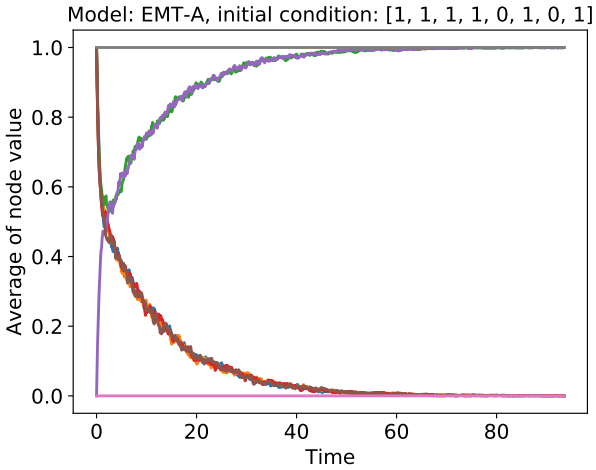
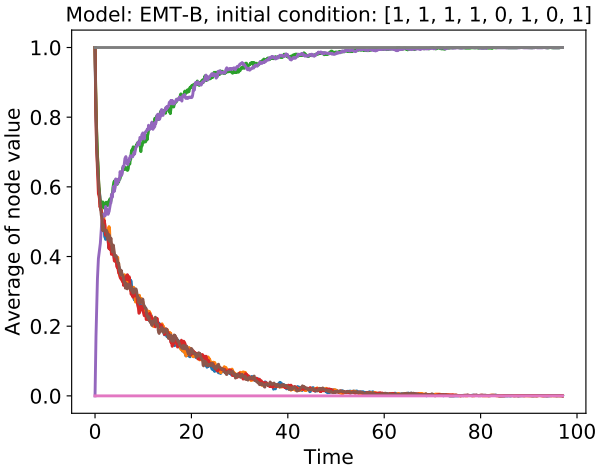
Average of node value
Time

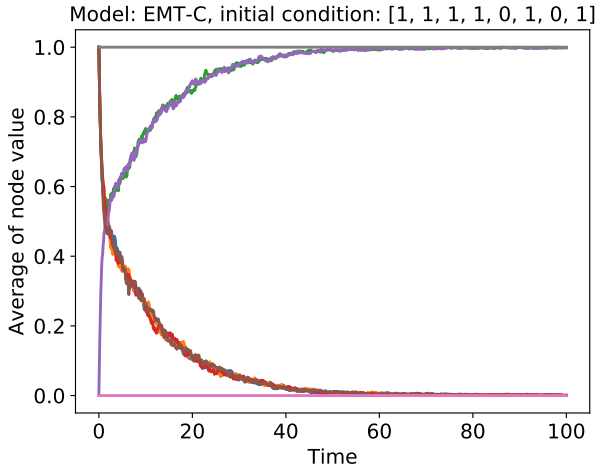

NICD
Notch
TP53
TP63TP73
miRNA
EMTreg
ECM
DNAdam

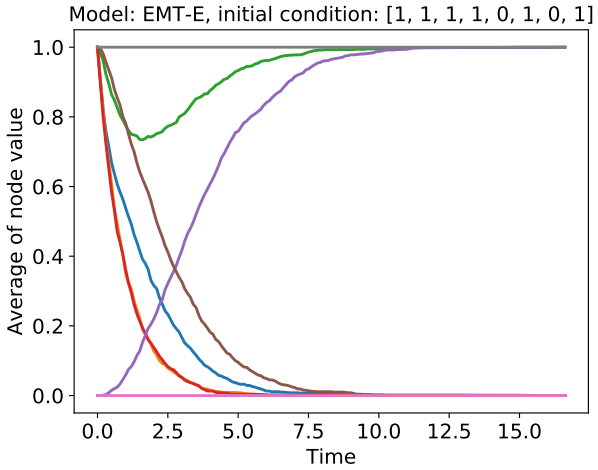

Model: EMT-FW, initial condition: [1, 1, 1, 1, 0, 1, 0, 1]
Average of node value
Time

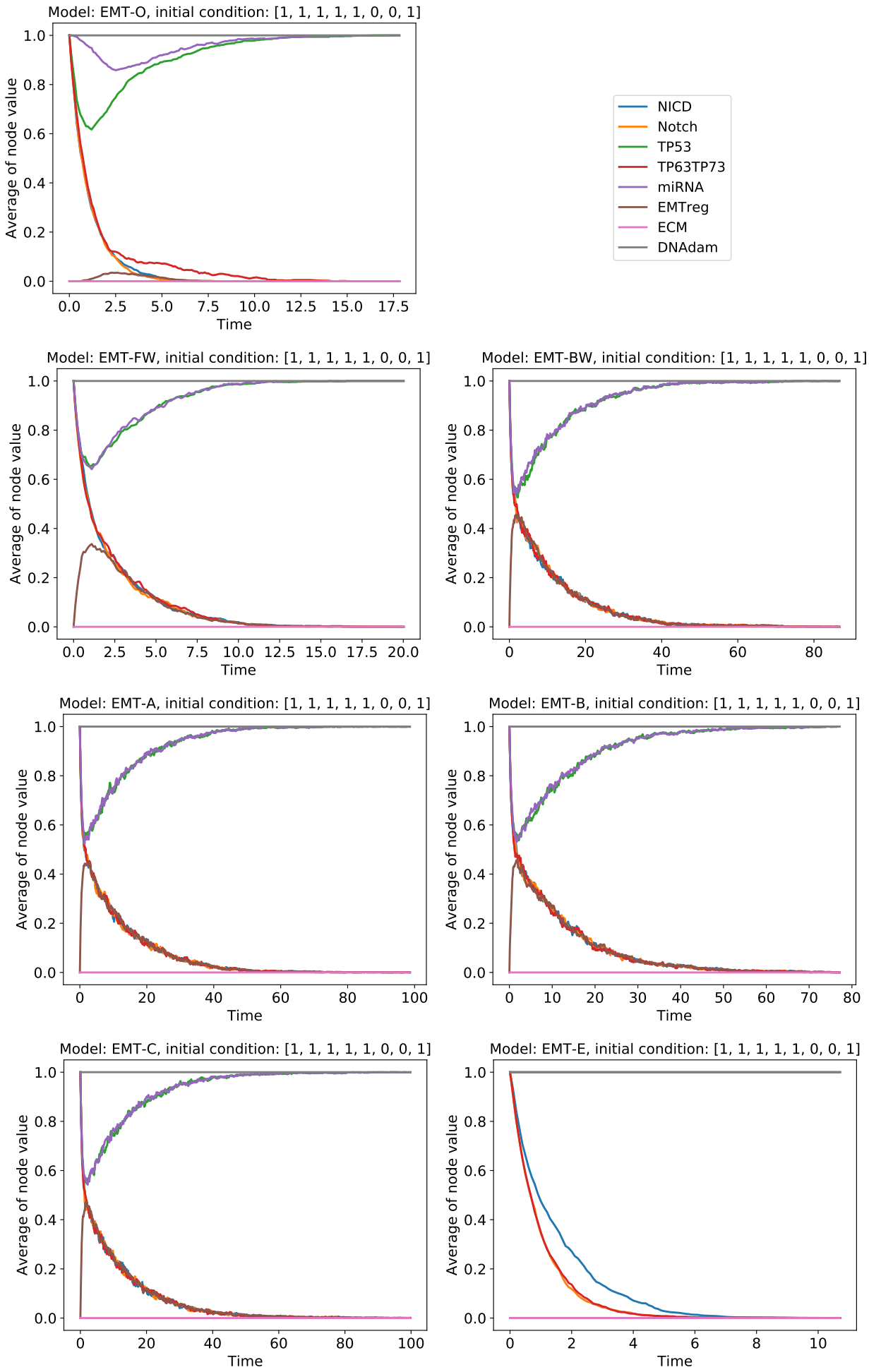

Model: EMT-BW, initial condition: [1, 1, 1, 1, 0, 1, 0, 1]
Average of node value
Time

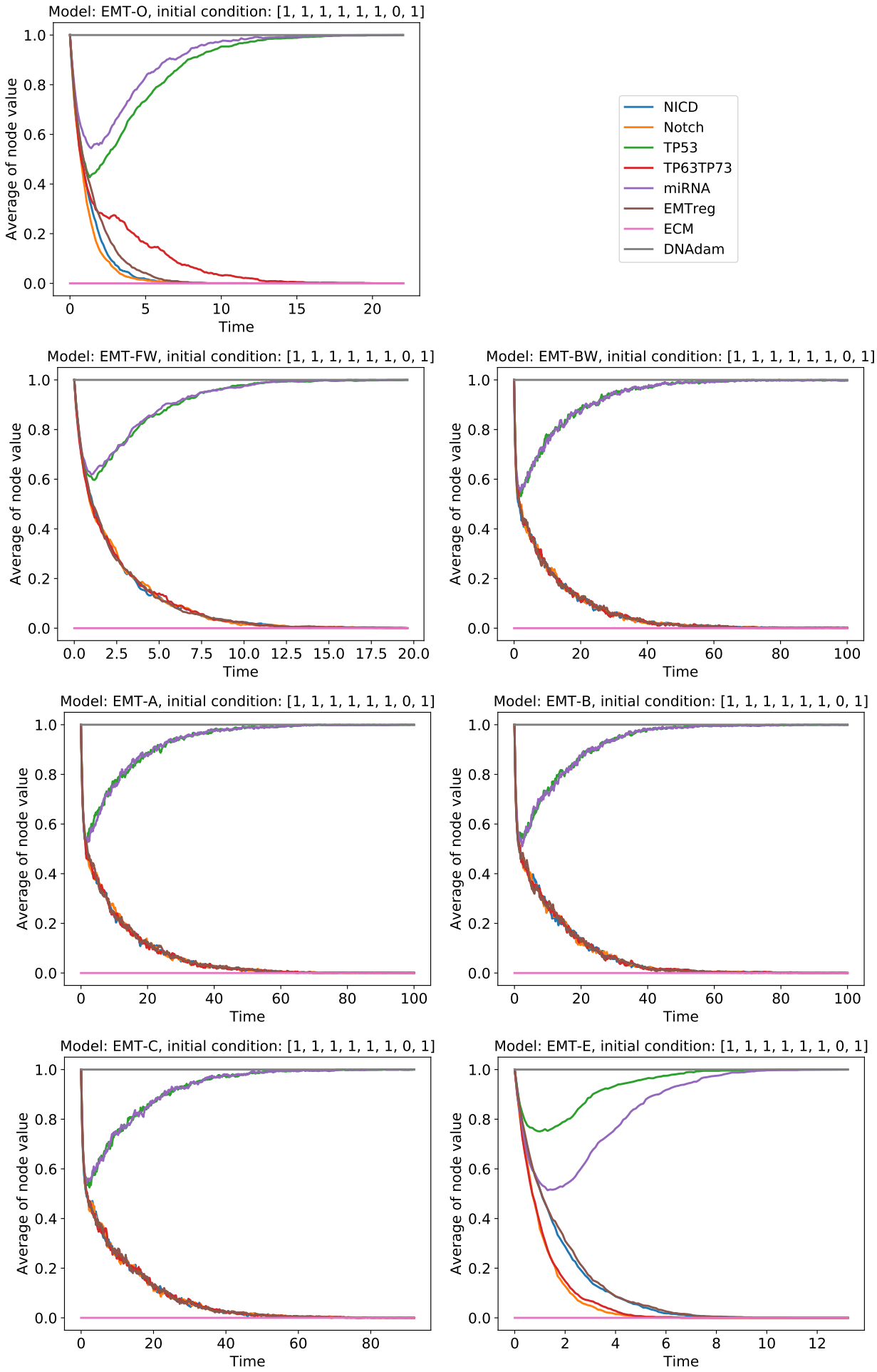

Model: EMT-A, initial condition: [1, 1, 1, 1, 0, 1, 0, 1]
Average of node value
Time


Model: EMT-B, initial condition: [1, 1, 1, 1, 0, 1, 0, 1]
Average of node value
Time


Model: EMT-C, initial condition: [1, 1, 1, 1, 0, 1, 0, 1]
Average of node value
Time


Model: EMT-E, initial condition: [1, 1, 1, 1, 0, 1, 0, 1]
Average of node value
Time


Model: EMT-O, initial condition: [1, 1, 1, 1, 1, 0, 0, 1]
Model: EMT-FW, initial condition: [1, 1, 1, 1, 1, 0, 0, 1]
Model: EMT-BW, initial condition: [1, 1, 1, 1, 1, 0, 0, 1]
Model: EMT-A, initial condition: [1, 1, 1, 1, 1, 0, 0, 1]
Model: EMT-B, initial condition: [1, 1, 1, 1, 1, 0, 0, 1]
Model: EMT-C, initial condition: [1, 1, 1, 1, 1, 0, 0, 1]
Model: EMT-E, initial condition: [1, 1, 1, 1, 1, 0, 0, 1]
Average of node value
Time
NICD
Notch
TP53
TP63TP73
miRNA
EMTreg
ECM
DNAdam


Model: EMT-O, initial condition: [1, 1, 1, 1, 1, 1, 0, 1]
Model: EMT-FW, initial condition: [1, 1, 1, 1, 1, 1, 0, 1]
Model: EMT-BW, initial condition: [1, 1, 1, 1, 1, 1, 0, 1]
Model: EMT-A, initial condition: [1, 1, 1, 1, 1, 1, 0, 1]
Model: EMT-B, initial condition: [1, 1, 1, 1, 1, 1, 0, 1]
Model: EMT-C, initial condition: [1, 1, 1, 1, 1, 1, 0, 1]
Model: EMT-E, initial condition: [1, 1, 1, 1, 1, 1, 0, 1]
Average of node value
Time
NICD
Notch
TP53
TP63TP73
miRNA
EMTreg
ECM
DNAdam