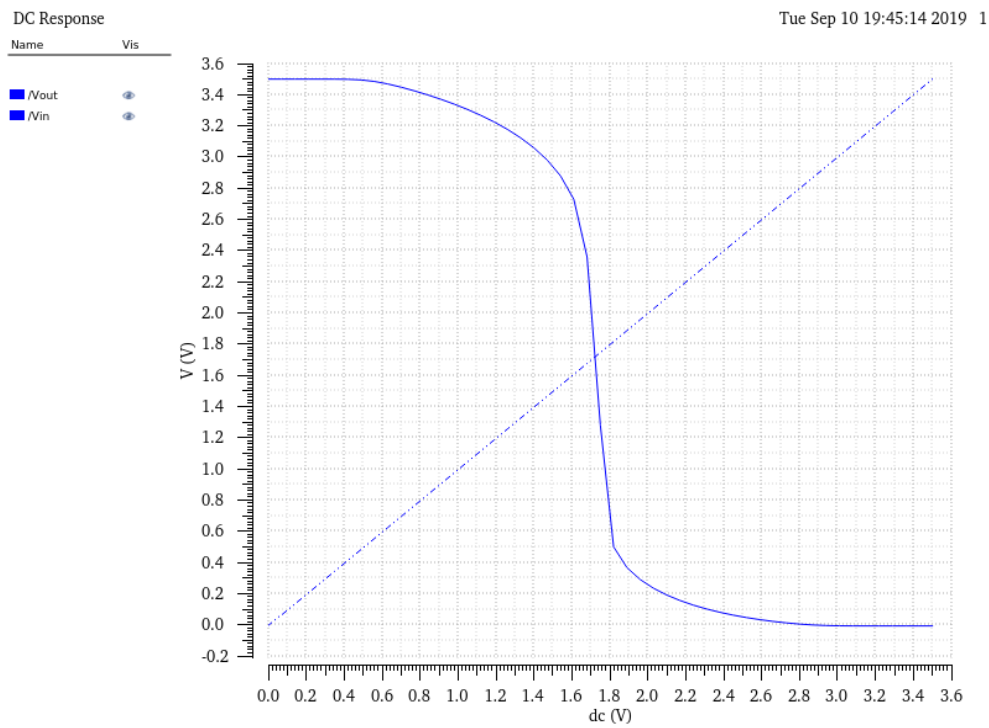EE 330
Section 5, 8:00 am

Laboratory 2: Basic Boolean Circuits

Sean Gordon
Sgordon4

Part 2.5:

Graph of the DC response for the circuit:
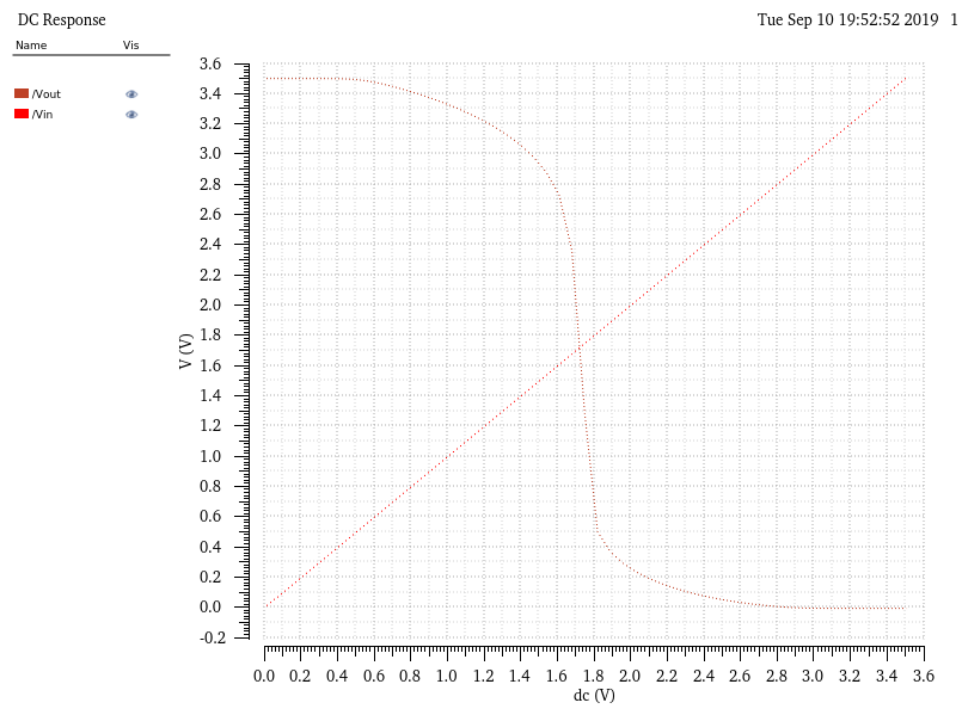

DC Response   Tue Sep 10 19:45:14 2019 1

Vin_{max} = 1.6v

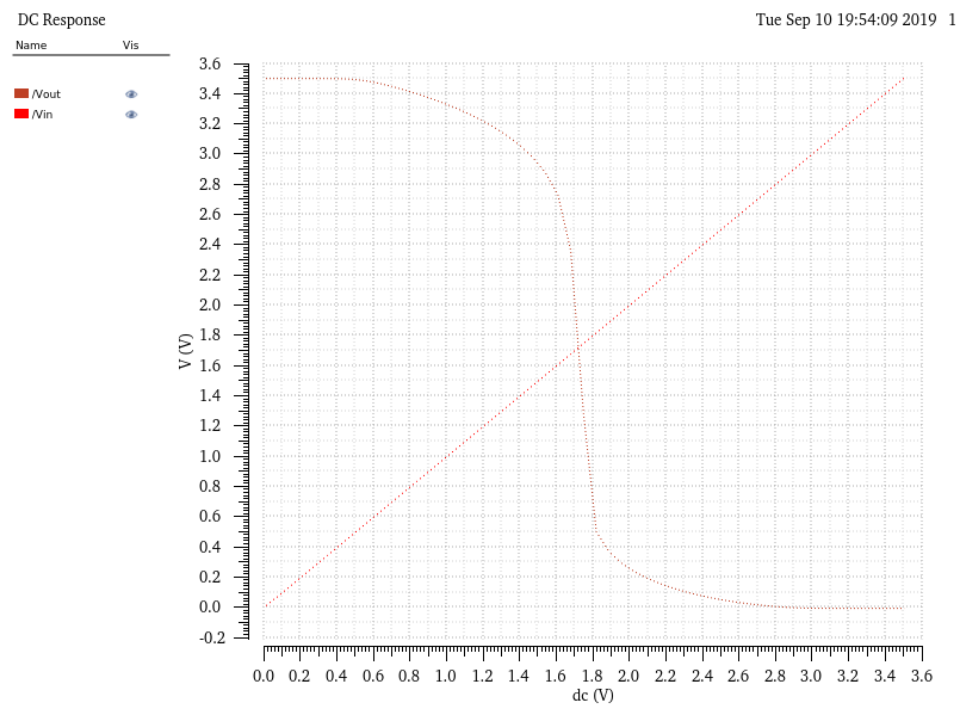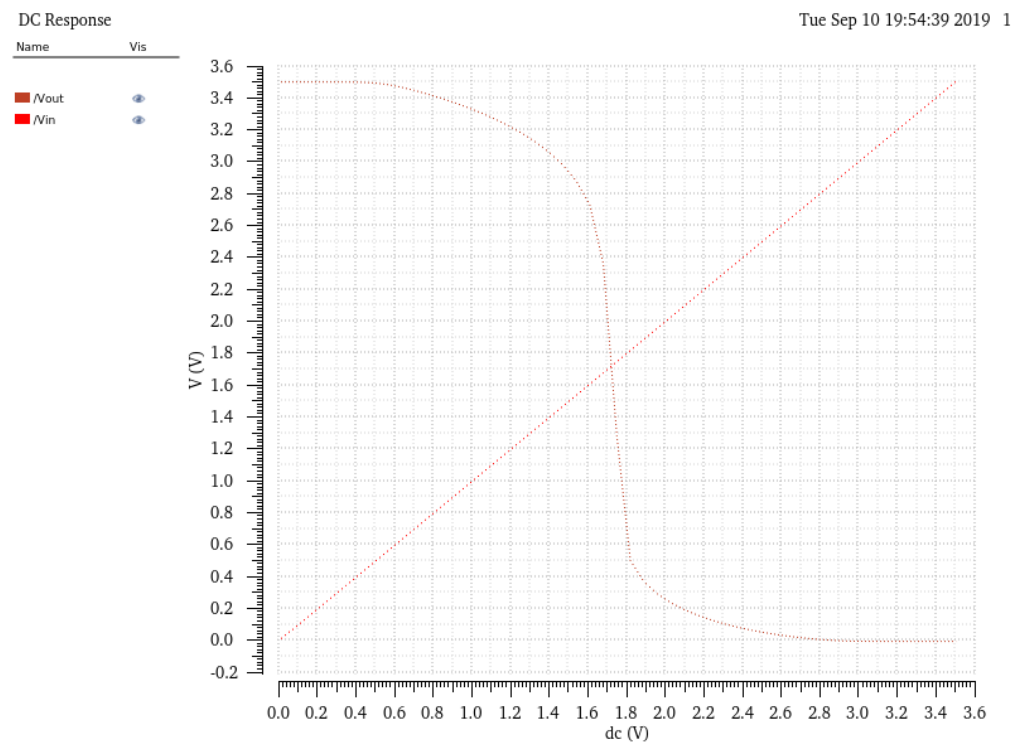Vin_{min} = 1.8v

Part 2.6:
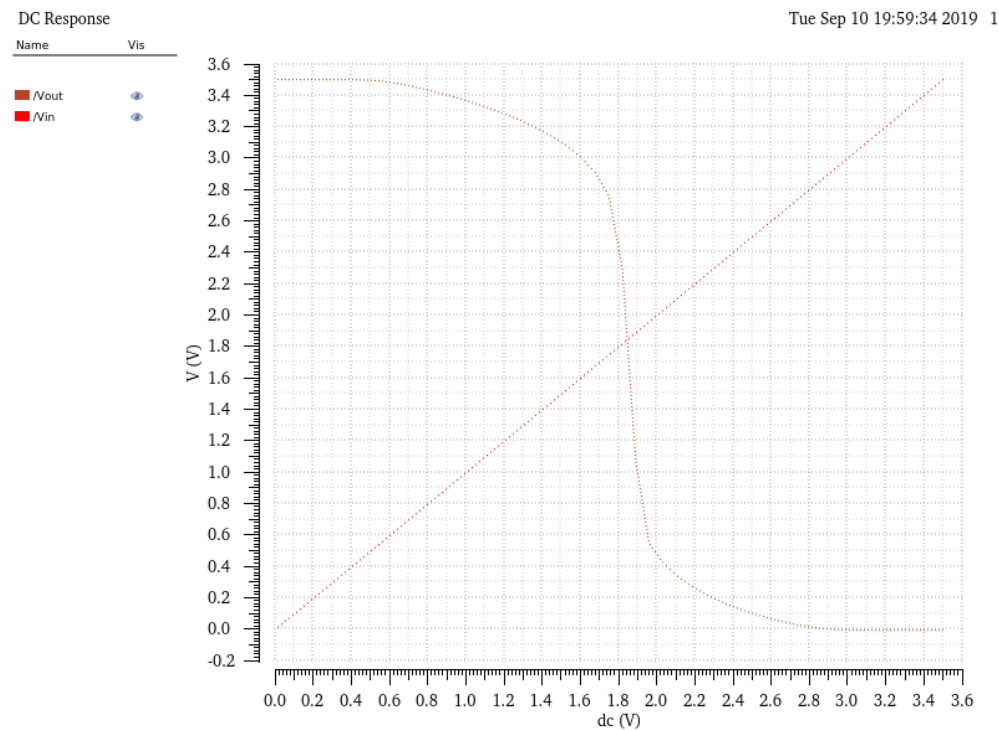
Transient analysis at 10pf:
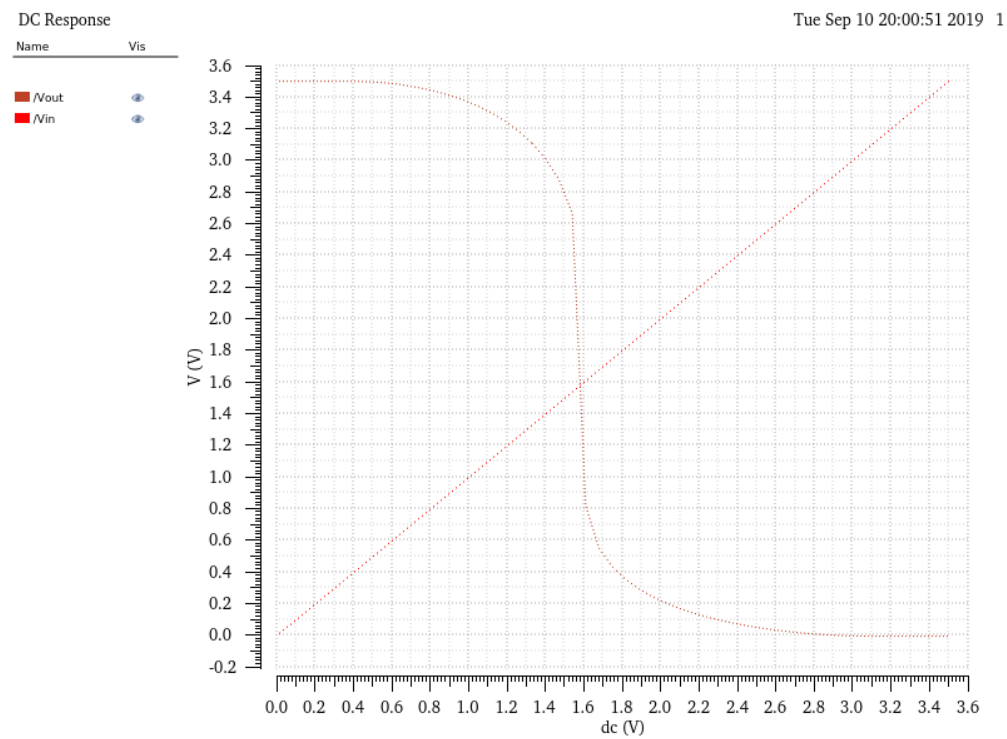

Transient analysis at 100pf:

Transient analysis at 1uf:

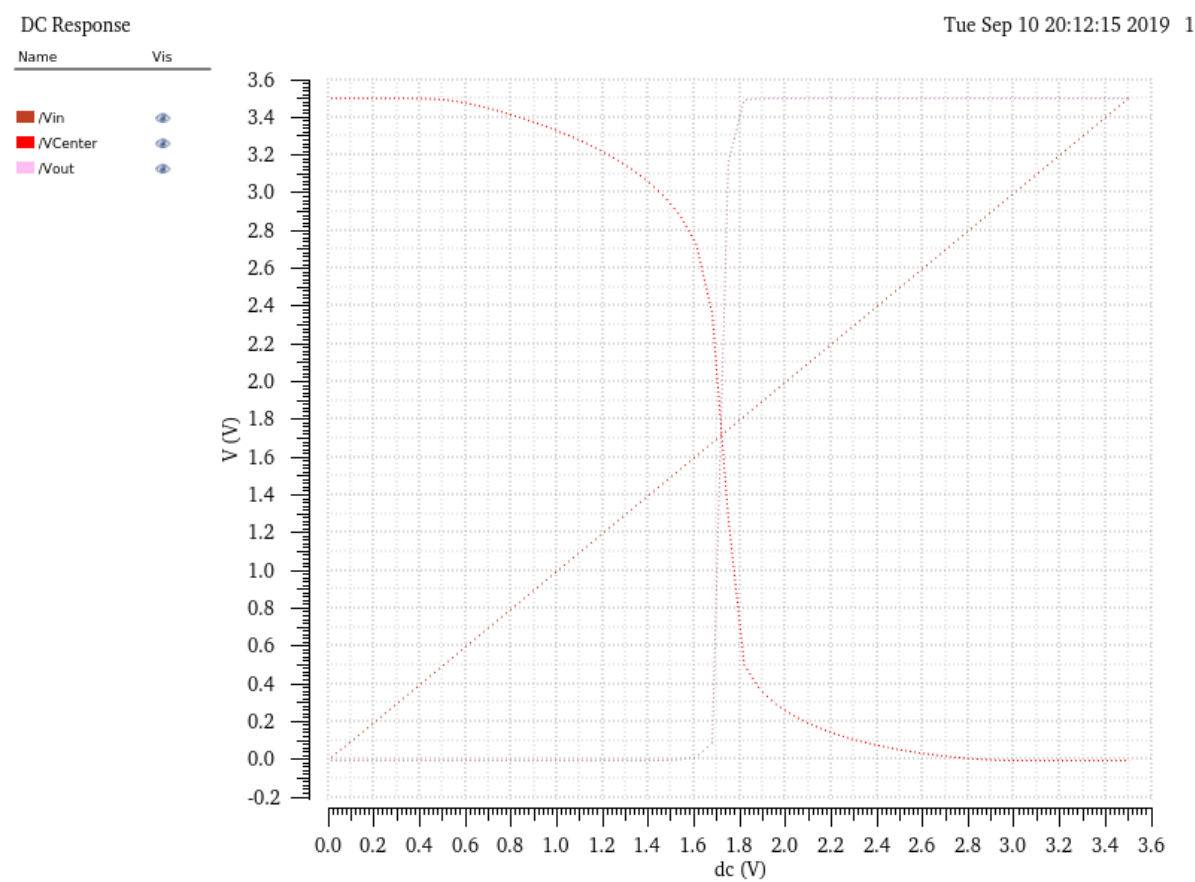## Transient analysis at 10x the width:
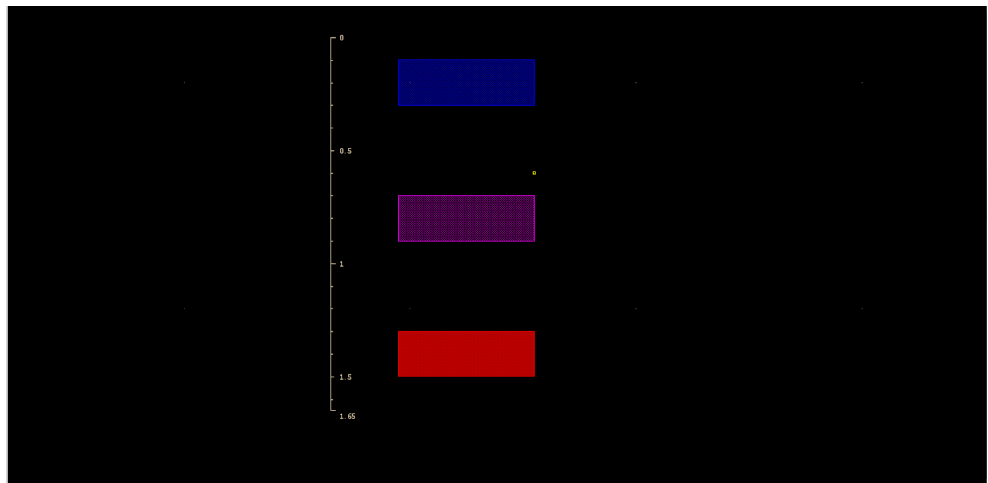
Transient analysis at 10x the width:

Part 3:

Transient analysis for the cascaded inverters:

Part 4:

Sample rectangles:

Transistor model: