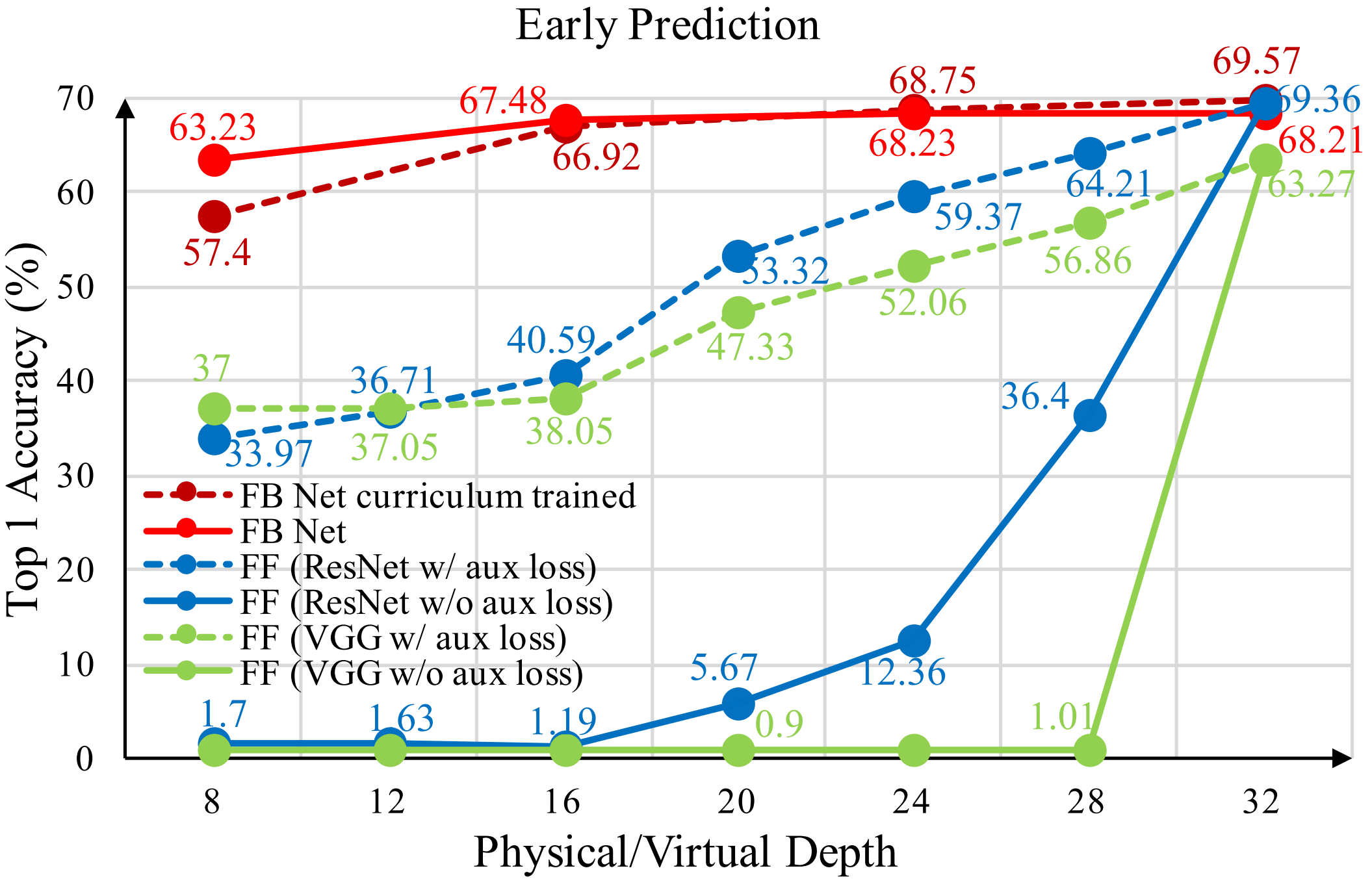
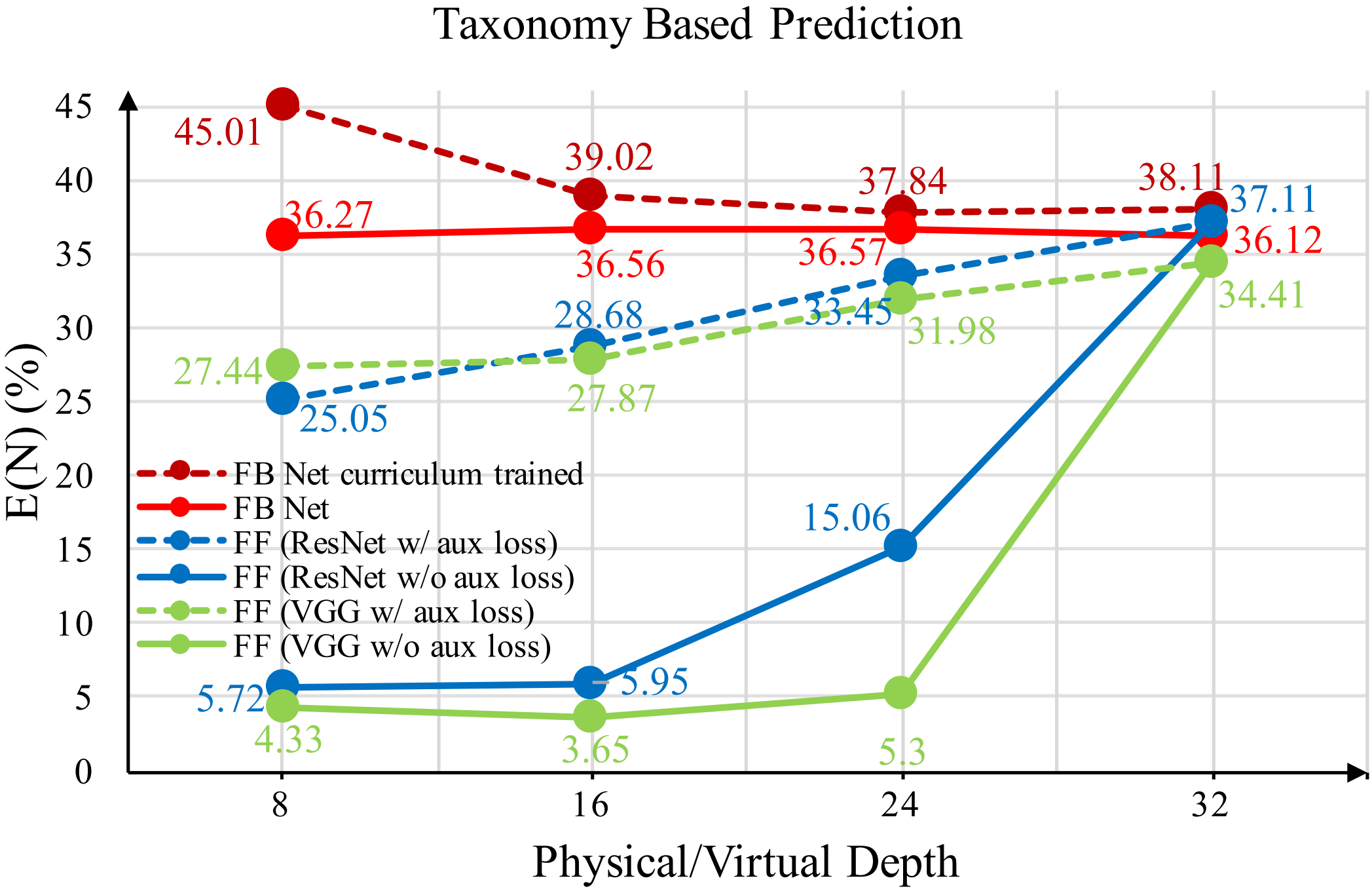
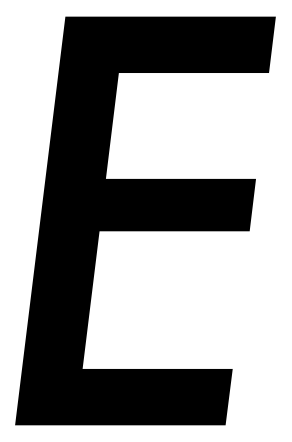
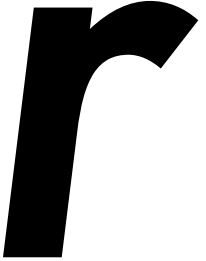
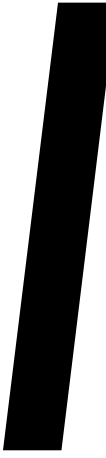
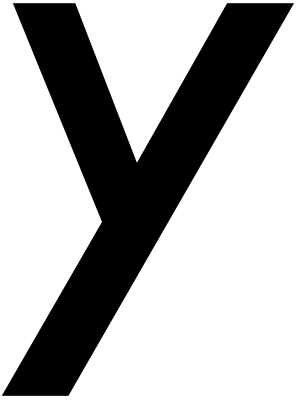

Early Prediction
Top 1 Accuracy (%)
Physical/Virtual Depth
0
10
20
30
40
50
60
70
8
12
16
20
24
28
32
FB Net curriculum trained
FB Net
FF (ResNet w/ aux loss)
FF (ResNet w/o aux loss)
FF (VGG w/ aux loss)
FF (VGG w/o aux loss)
63.23
67.48
68.75
69.57
66.92
68.23
69.36
57.4
53.32
59.37
64.21
40.59
36.4
37
36.71
47.33
52.06
56.86
63.27
33.97
37.05
38.05
68.21
5.67
12.36
1.7
1.63
1.19
0.9
1.01

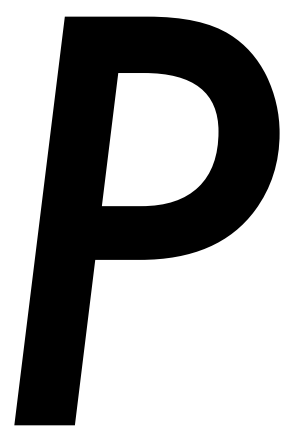

Taxonomy Based Prediction
E(N) (%)
Physical/Virtual Depth
0
5
10
15
20
25
30
35
40
45
8
16
24
32
FB Net curriculum trained
FB Net
FF (ResNet w/ aux loss)
FF (ResNet w/o aux loss)
FF (VGG w/ aux loss)
FF (VGG w/o aux loss)
45.01
39.02
37.84
38.11
36.27
36.56
36.57
36.12
28.68
33.45
37.11
27.44
27.87
31.98
34.41
25.05
15.06
5.72
5.95
4.33
3.65
5.3

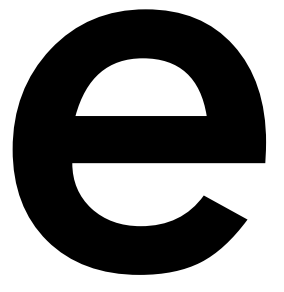


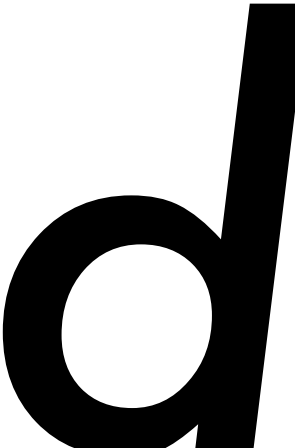


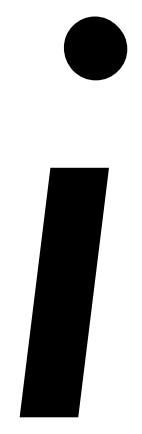


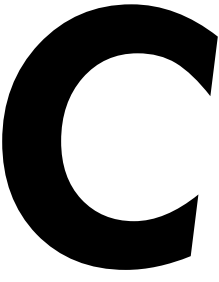


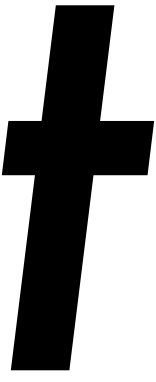


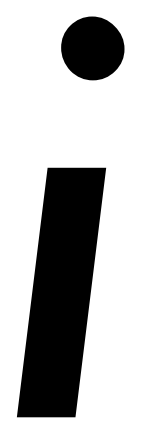


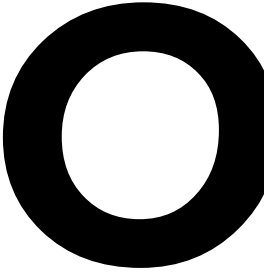


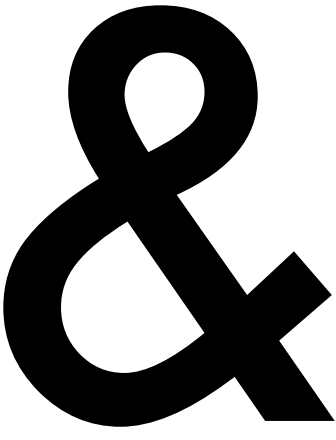


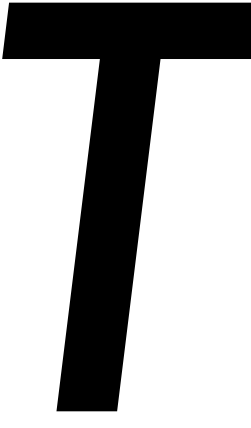


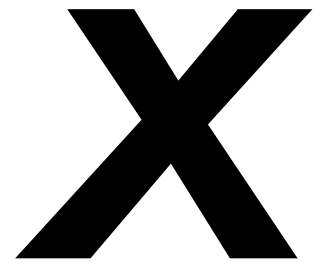


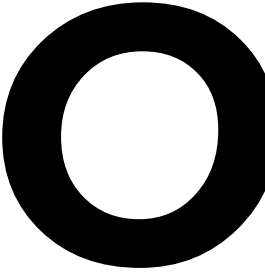


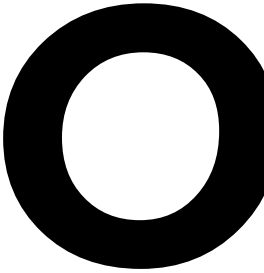


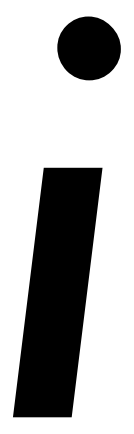


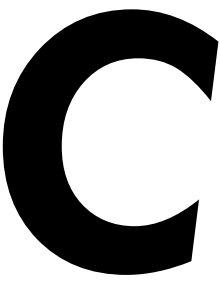


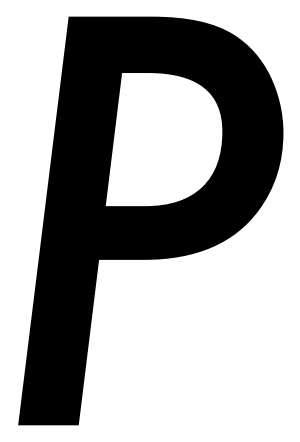


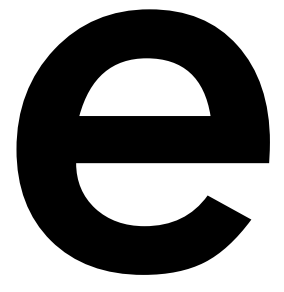


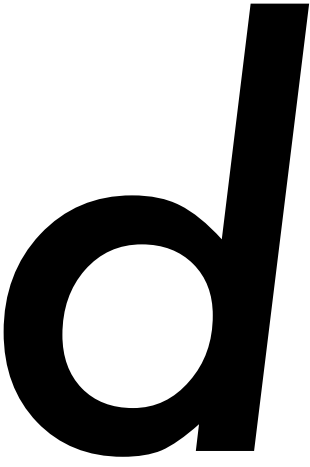


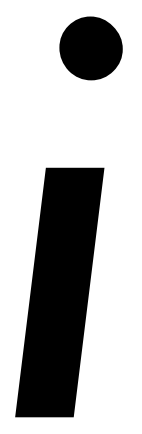


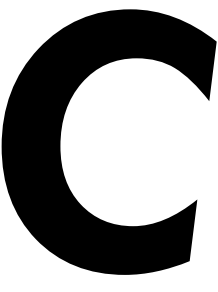


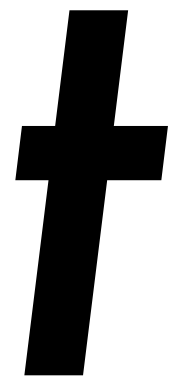


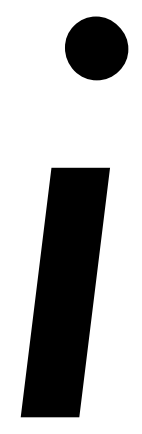


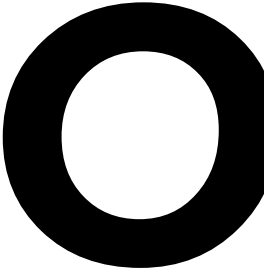


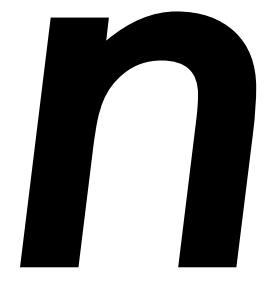




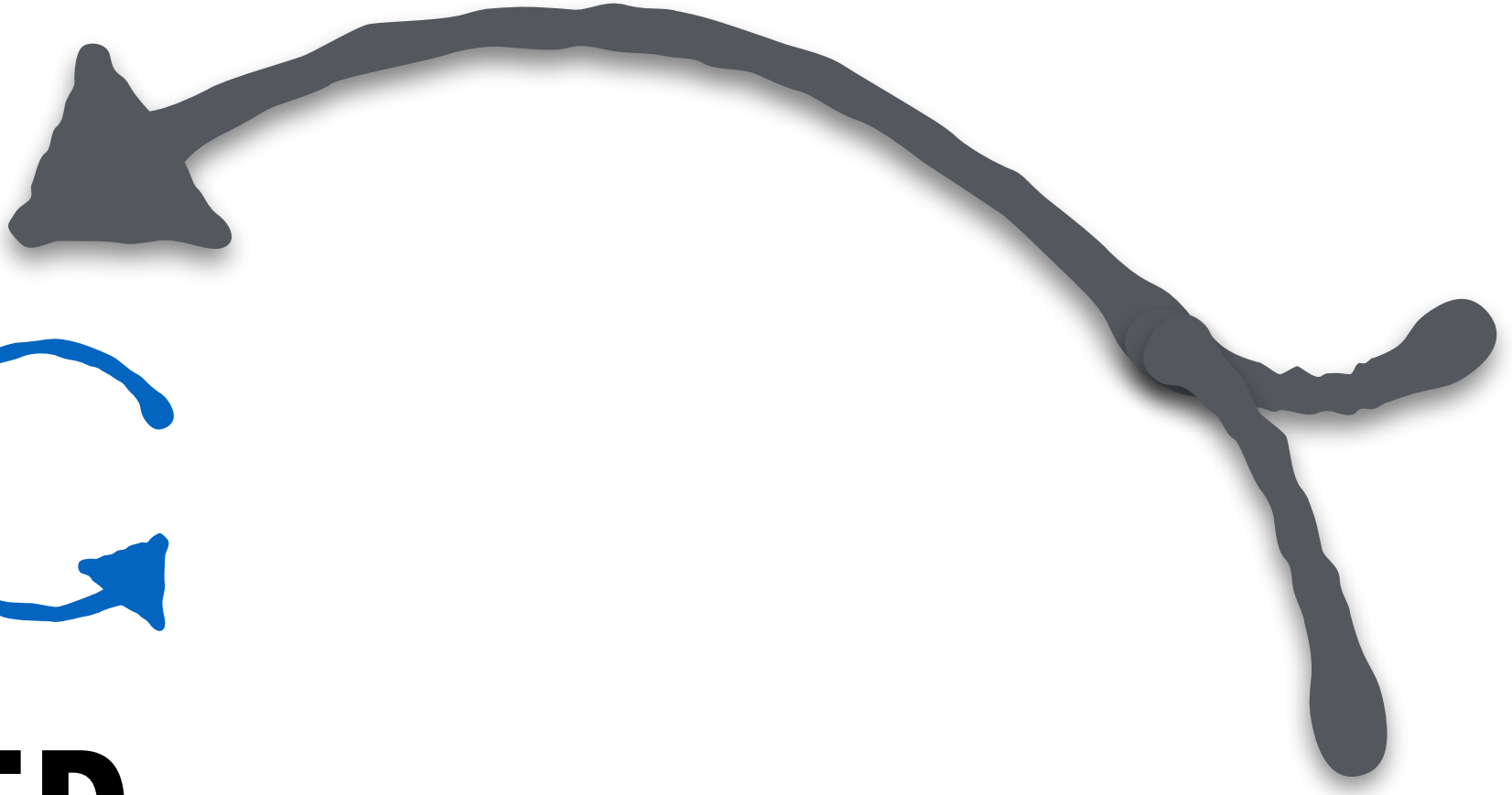








(details in the main paper)



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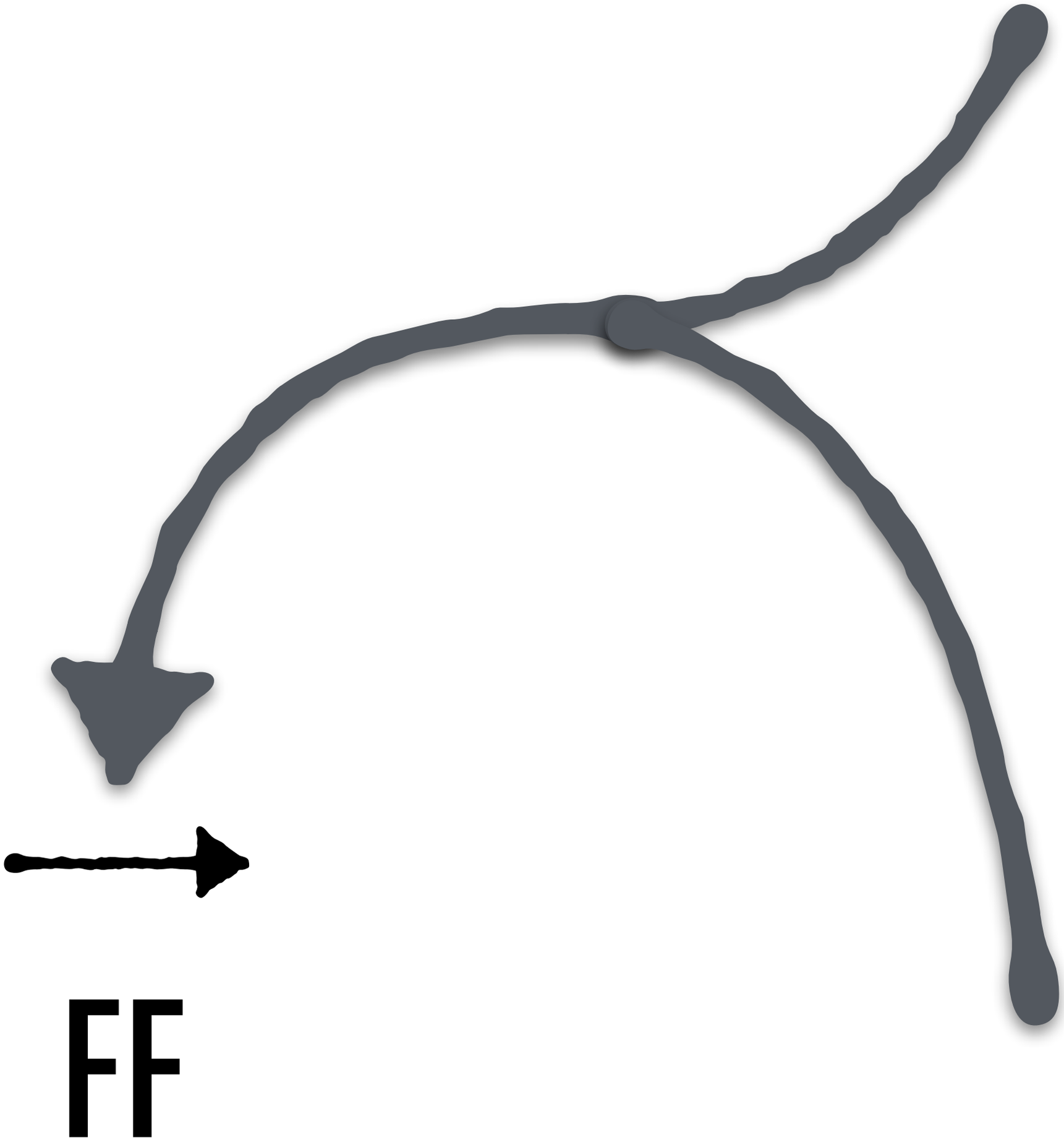
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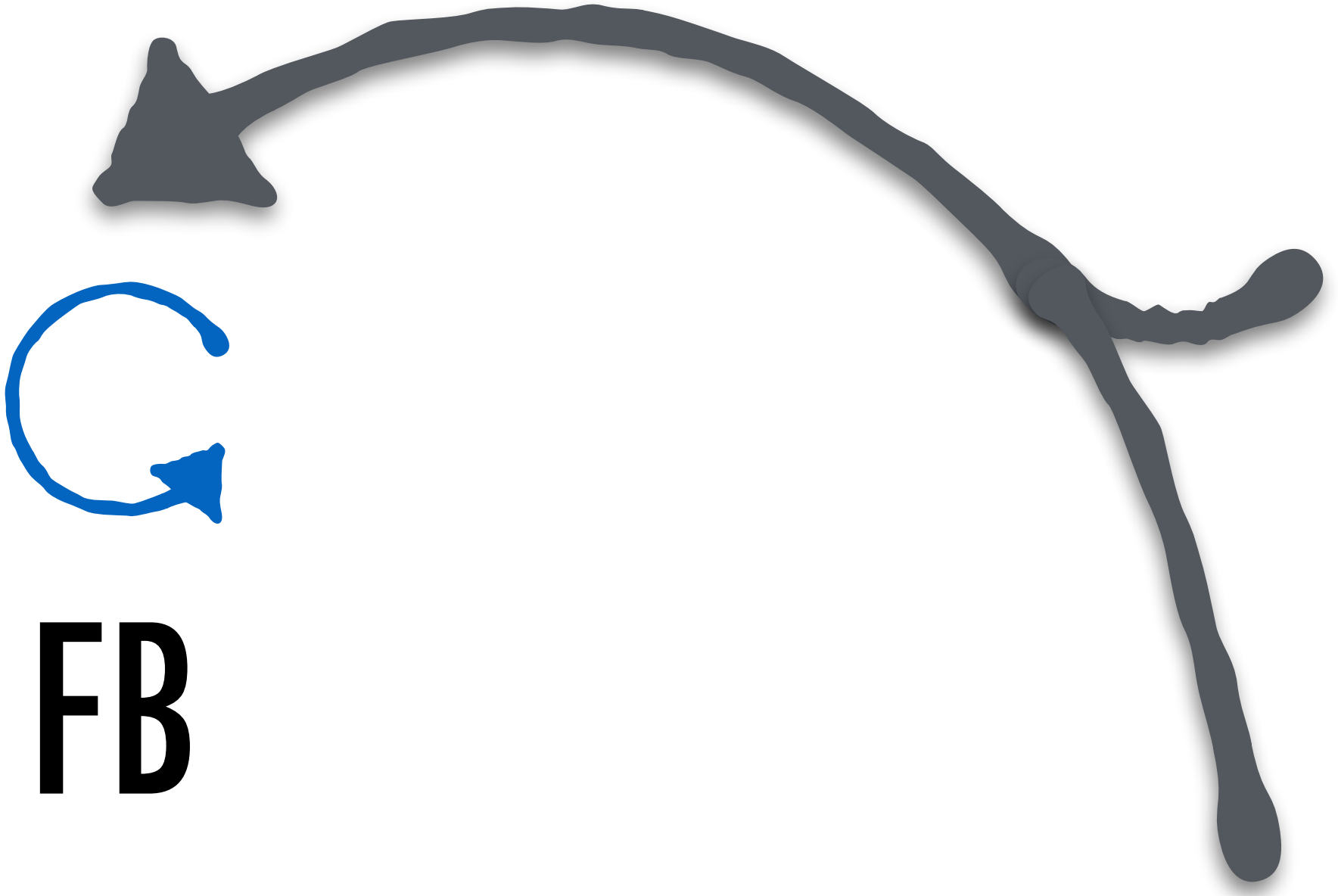
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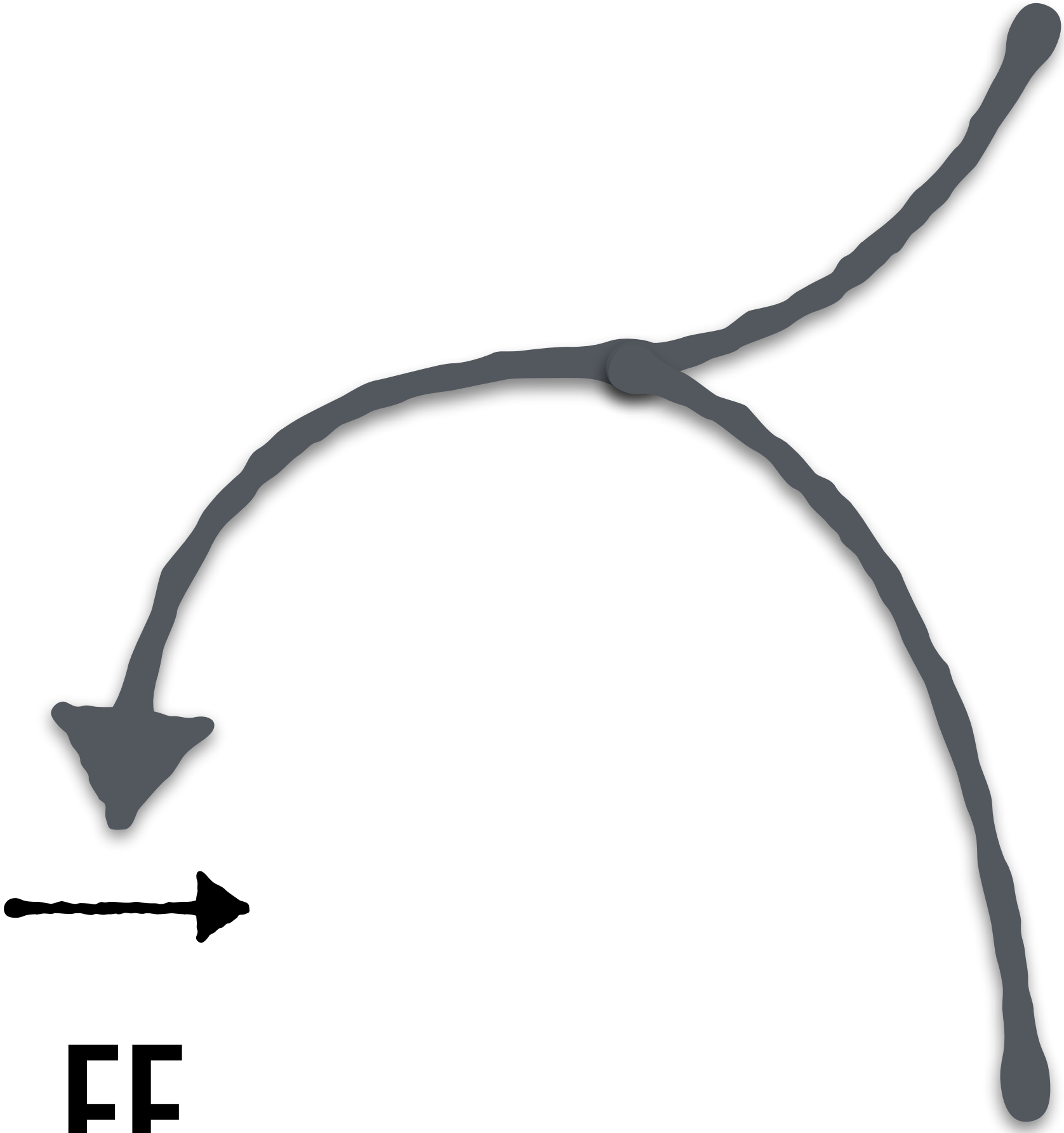
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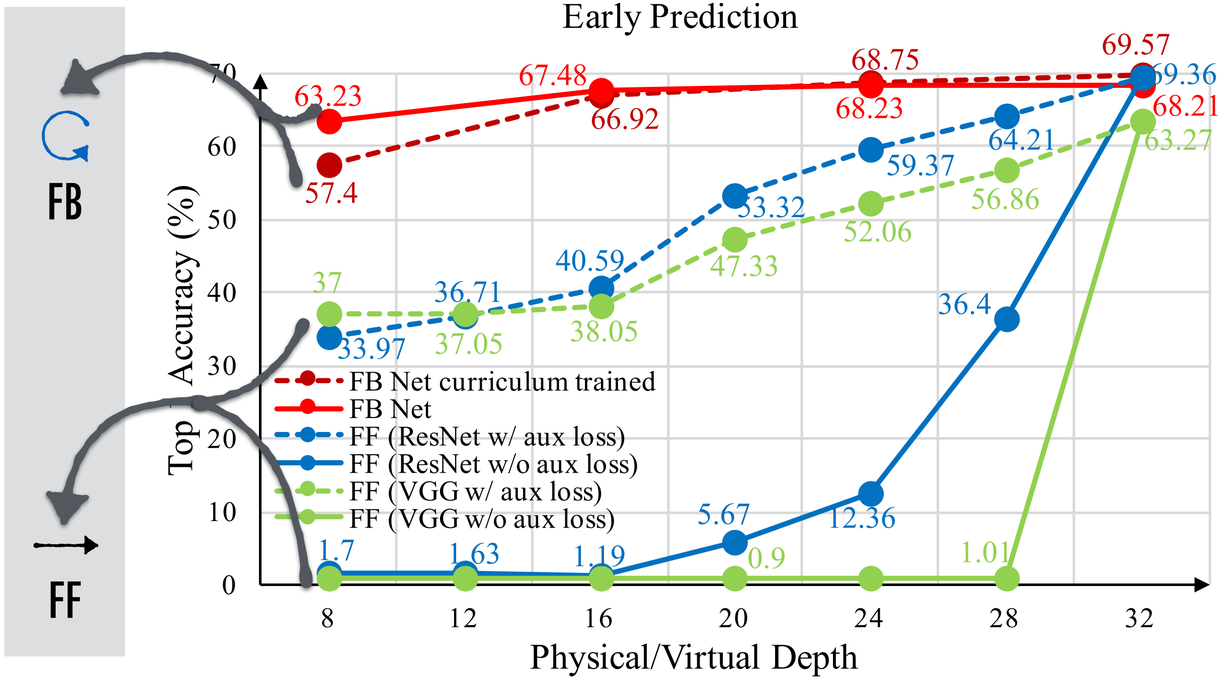
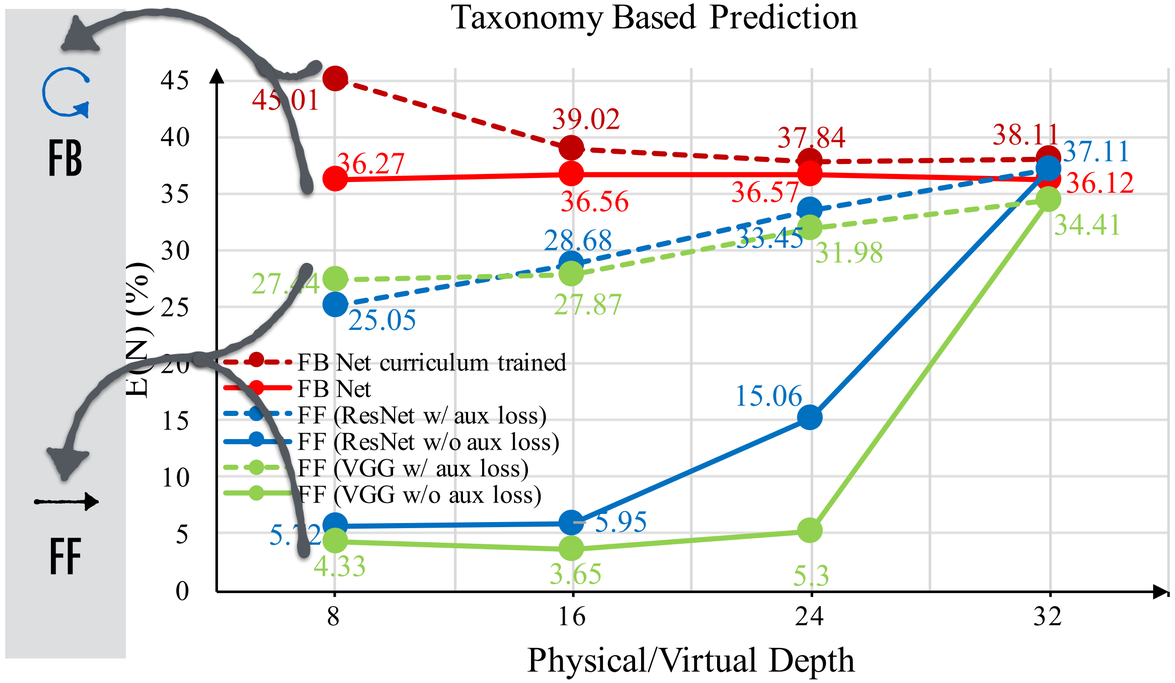
Feedback considerably outperforms existing methods in early prediction and taxonomic prediction

Early Prediction & Taxonomic Prediction





Feedback considerably outperforms existing methods in early prediction and taxonomic prediction

(details in the main paper)