Correlation_show

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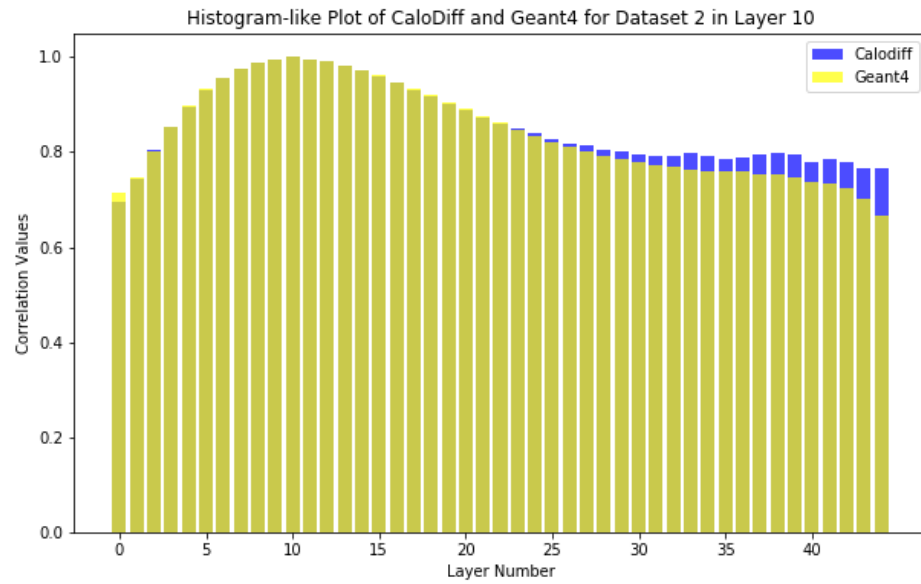# 1 Histogram-like Plot of CaloDiff and Geant4 for dataset 2 in different layers

Figure 1: correlation comparison between Calodiffusion(blue) and Geant4(yellow) for layer 10 on Dataset 2
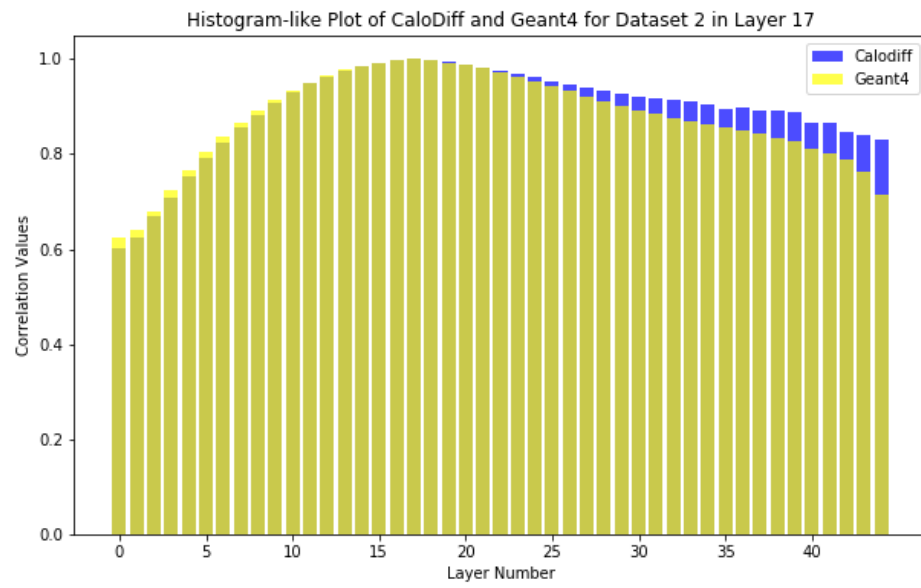
Figure 2: correlation comparison between Calodiffusion(blue) and Geant4(yellow) for layer 17 on Dataset 2
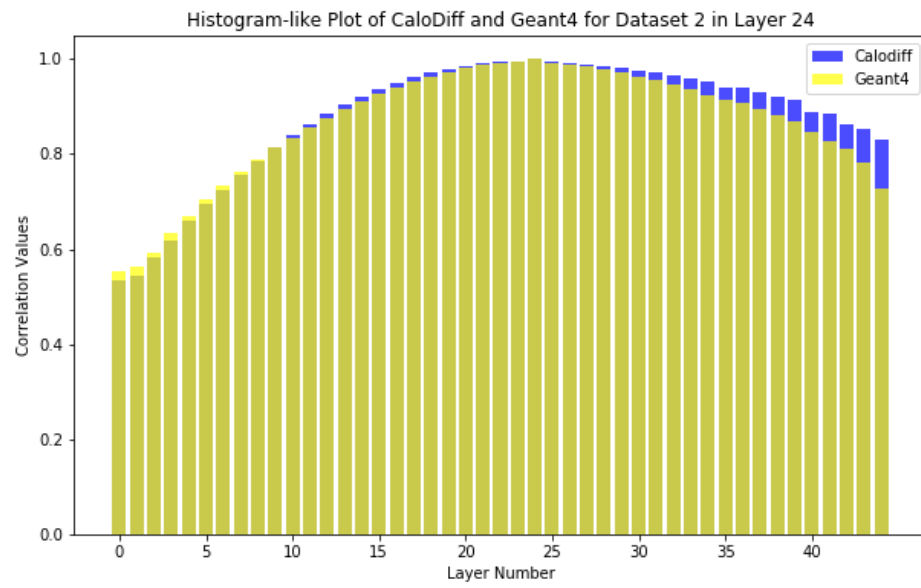
Figure 3: correlation comparison between Calodiffusion(blue) and Geant4(yellow) for layer 24 on Dataset 2
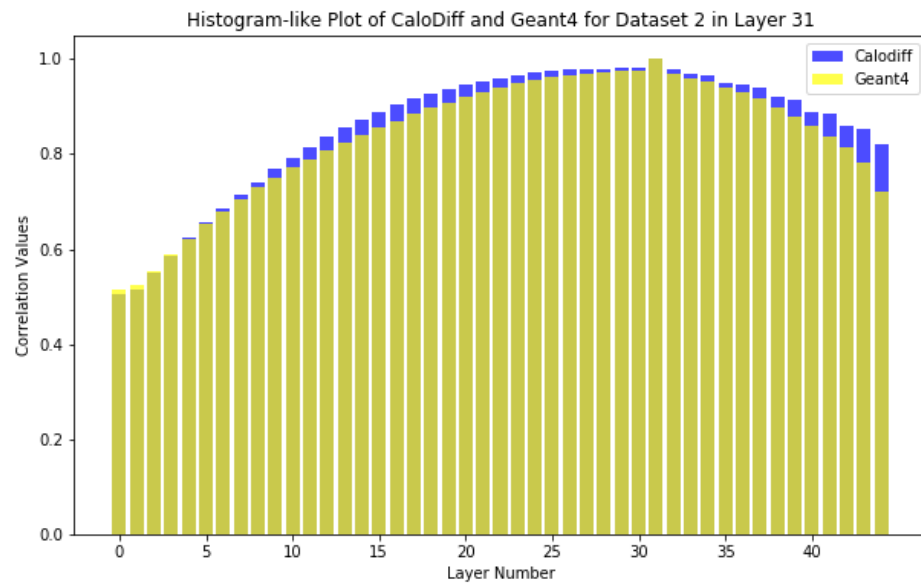
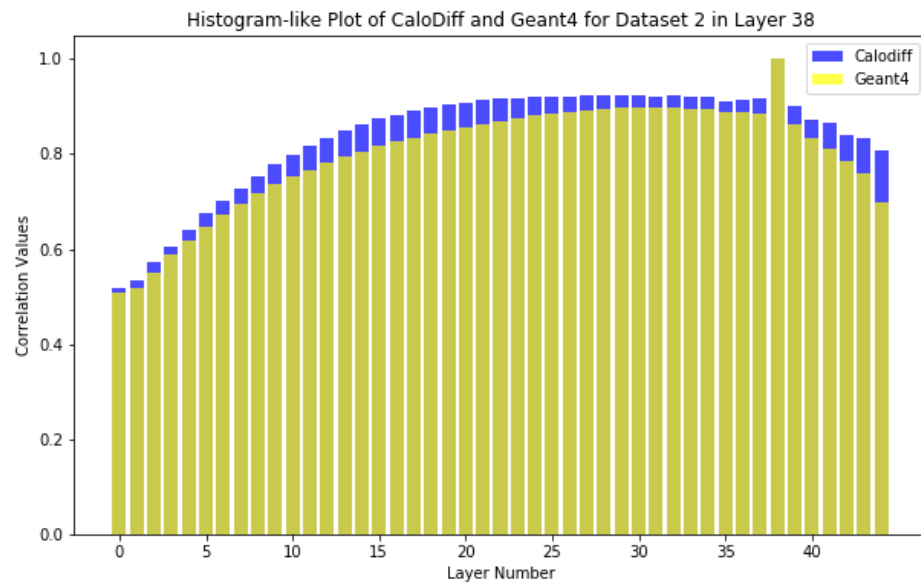Figure 4: correlation comparison between Calodiffusion(blue) and Geant4(yellow) for layer 31 on Dataset 2

Figure 5: correlation comparison between Calodiffusion(blue) and Geant4(yellow) for layer 38 on Dataset 2

2   Histogram-like Plot of CaloDiff and Geant4 for dataset 3 in different layers
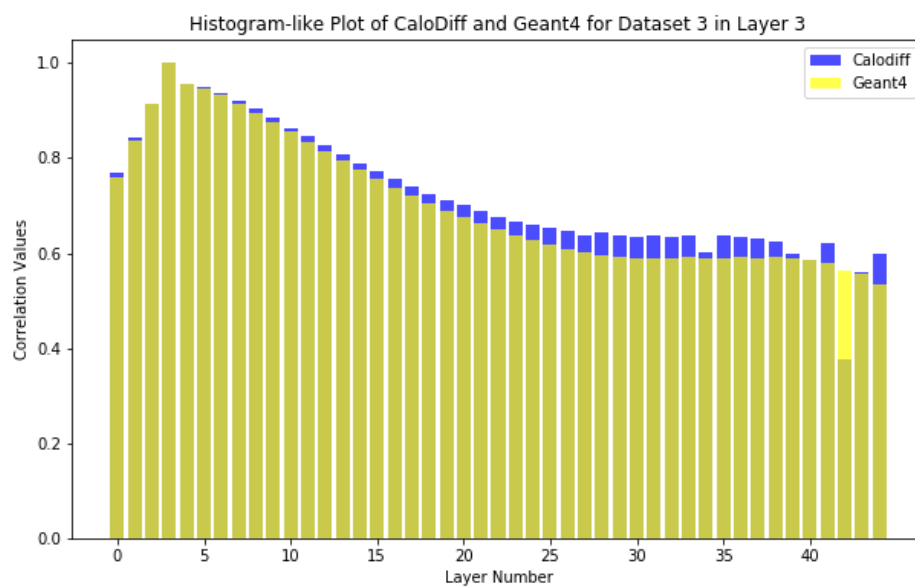

Figure 6:   correlation   comparison   between   Calodiffusion(blue)   and Geant4(yellow) for layer 3 on Dataset 3
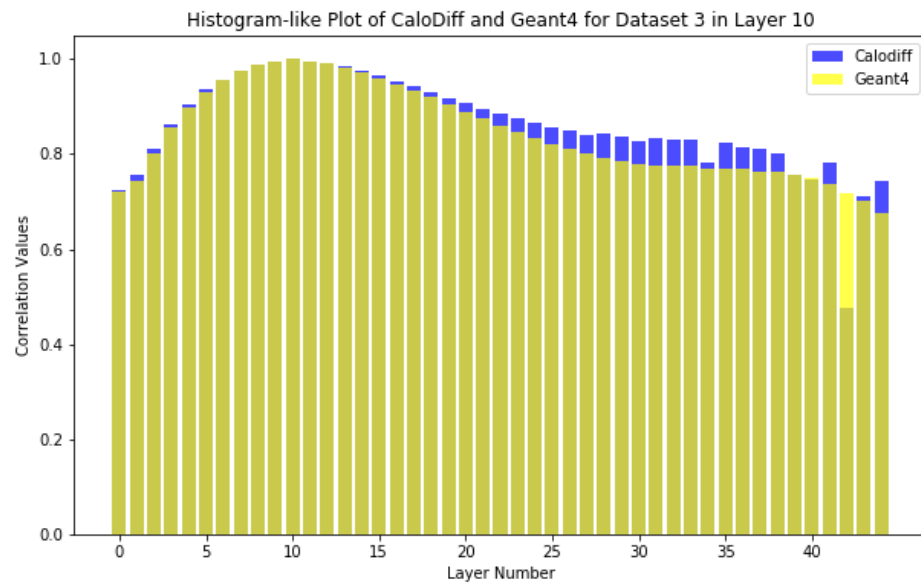
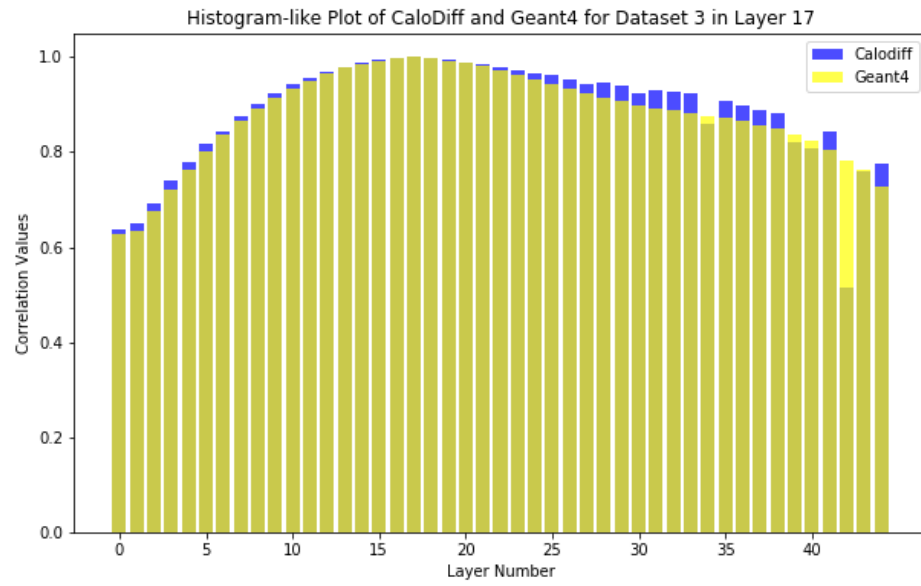Figure 7: correlation comparison between Calodiffusion(blue) and Geant4(yellow) for layer 10 on Dataset 3

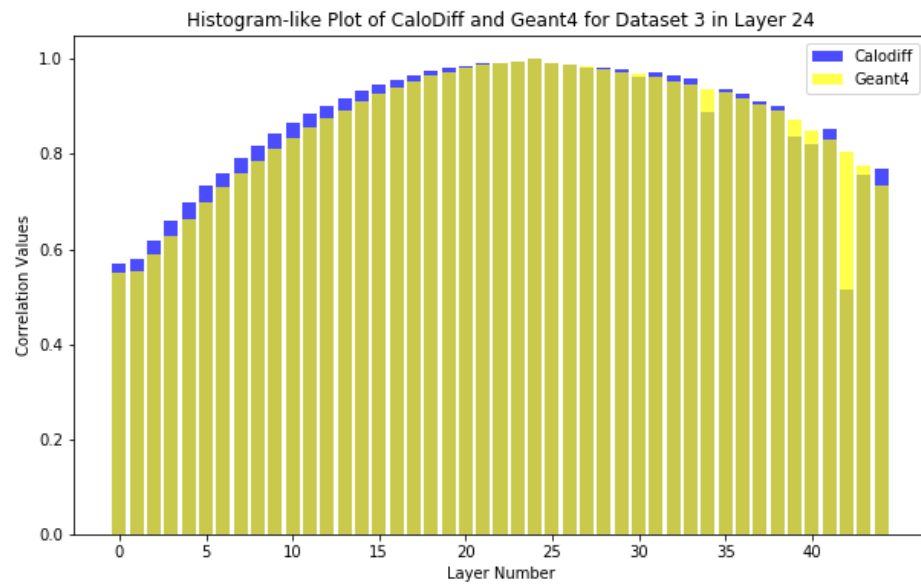Figure 8: correlation comparison between Calodiffusion(blue) and Geant4(yellow) for layer 17 on Dataset 3

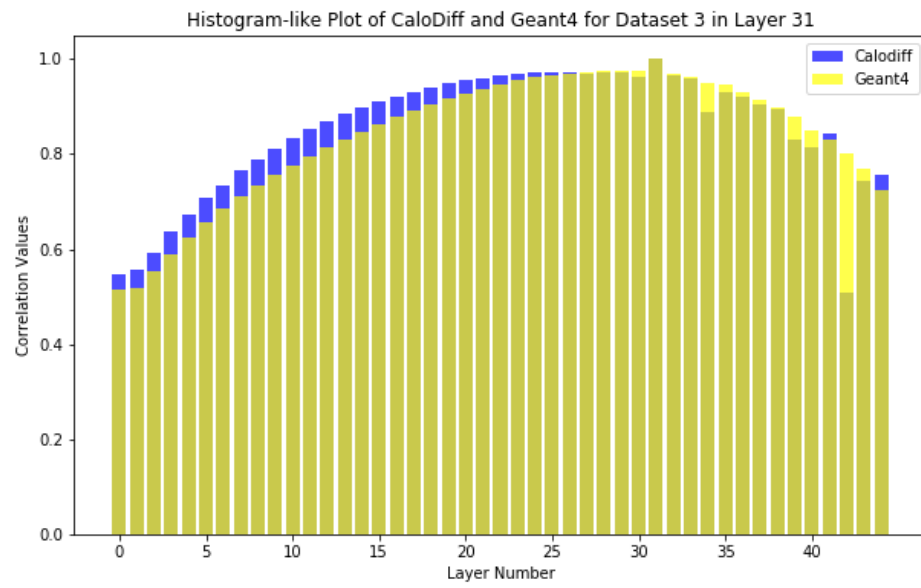Figure 9: correlation comparison between Calodiffusion(blue) and Geant4(yellow) for layer 24 on Dataset 3

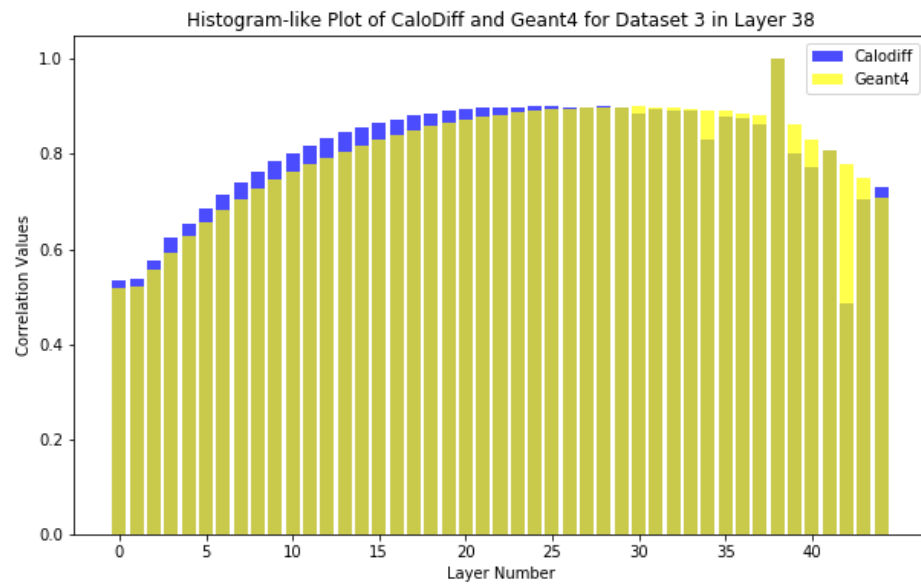Figure 10: correlation comparison between Calodiffusion(blue) and Geant4(yellow) for layer 31 on Dataset 3

Figure 11: correlation comparison between Calodiffusion(blue) and Geant4(yellow) for layer 38 on Dataset 3

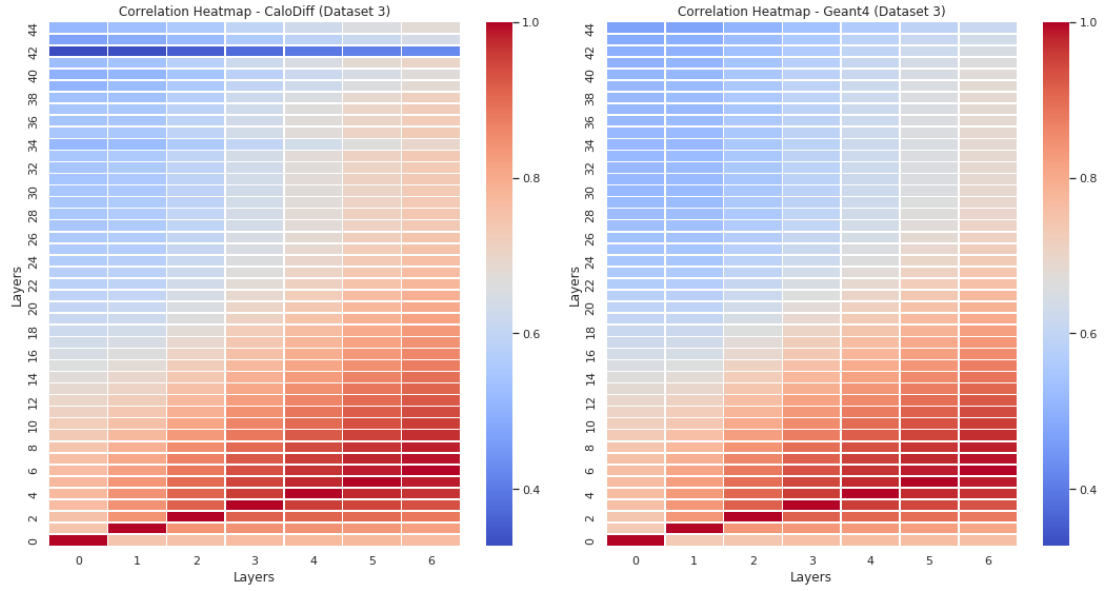# 3 Dataset 3 Correlation comparison between Geant4 and Calodiffusion output

Figure 12: correlation comparison between Calodiffusion(left) and Geant4(right) for layer 0 to 6 for dataset 3
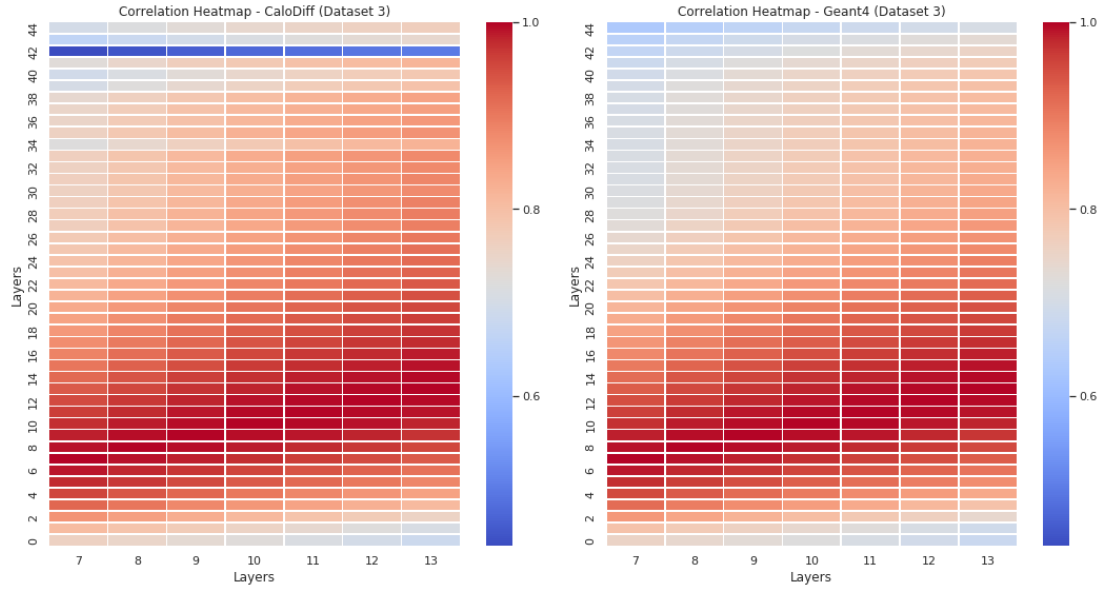
Figure 13: correlation comparison between Calodiffusion(left) and Geant4(right) for layer 7 to 13 for dataset 3
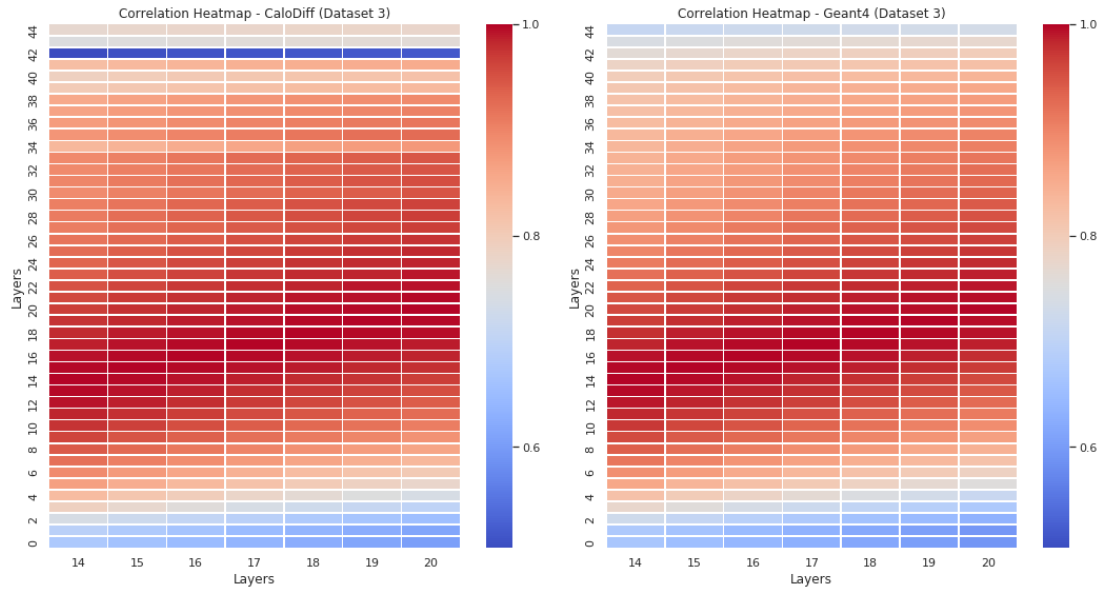

Figure 14: correlation comparison between Calodiffusion(left) and Geant4(right) for layer 14 to 20 for dataset 3
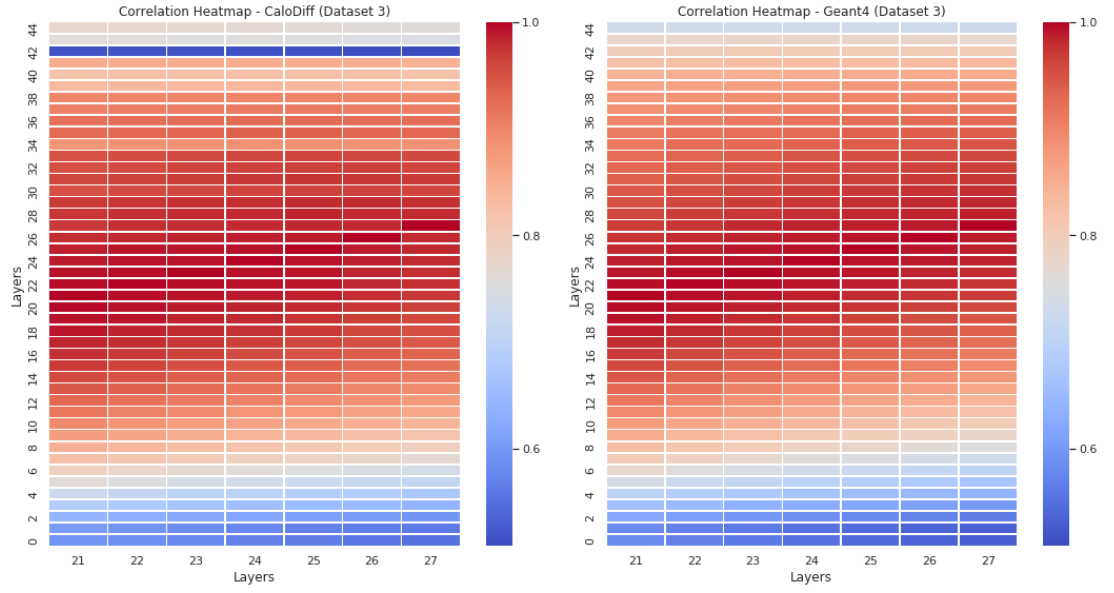
Figure 15: correlation comparison between Calodiffusion(left) and Geant4(right) for layer 21 to 27 for dataset 3
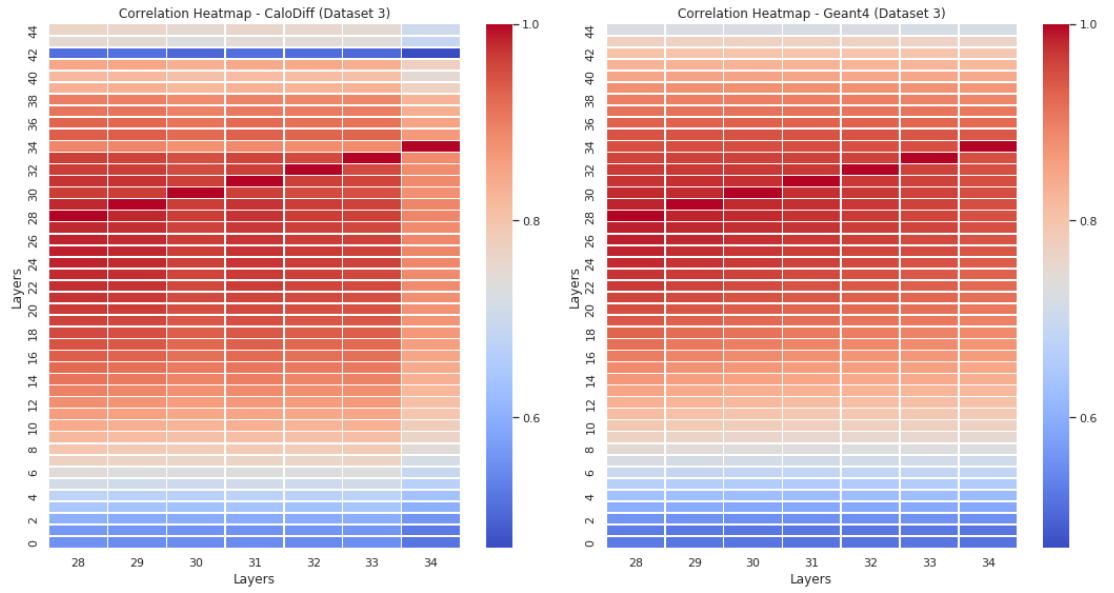

Figure 16: correlation comparison between Calodiffusion(left) and Geant4(right) for layer 28 to 34 for dataset 3
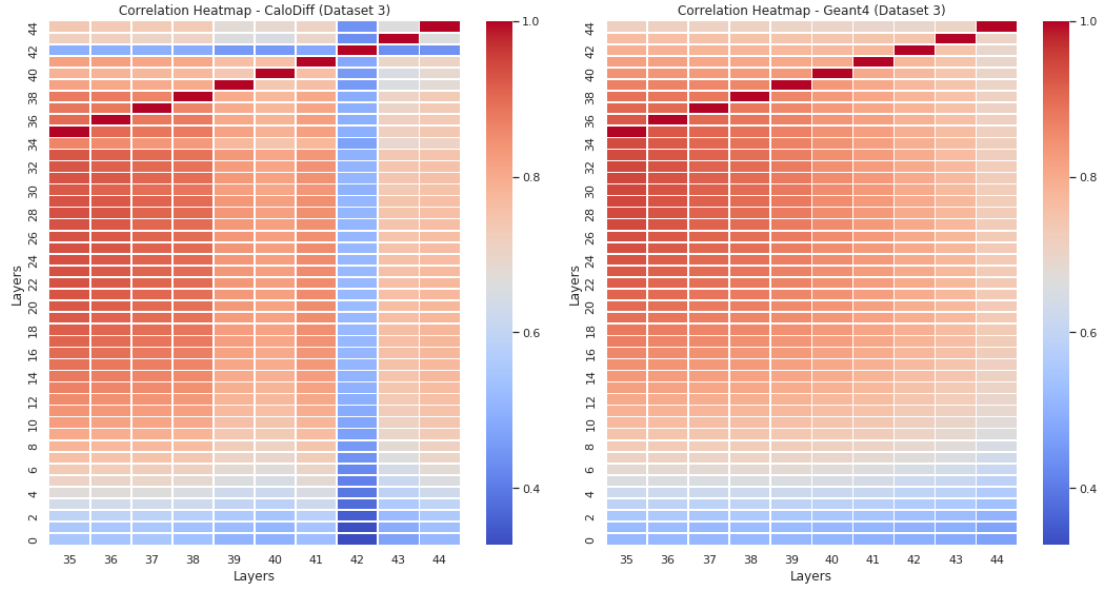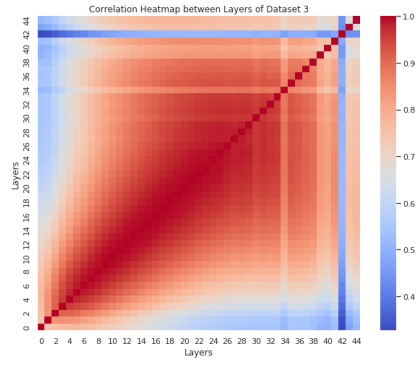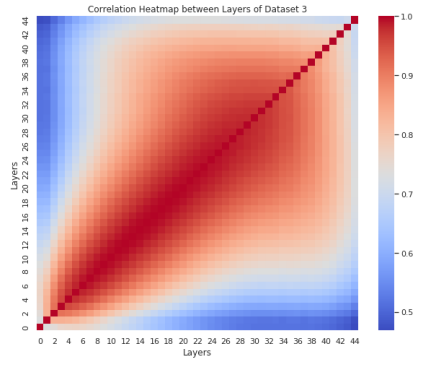
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Figure 17: correlation comparison between Calodiffusion(left) and Geant4(right) for layer 35 to 45 for dataset 3

(a) Correlation between layers to layers
for Calodiffusion dataset 3

Figure 18: Correlation as a Whole for dataset 3

(a) Correlation between layers to layers
for Geant4 dataset 3

4 Dataset 2 Correlation comparison between Geant4 and Calodiffusion output
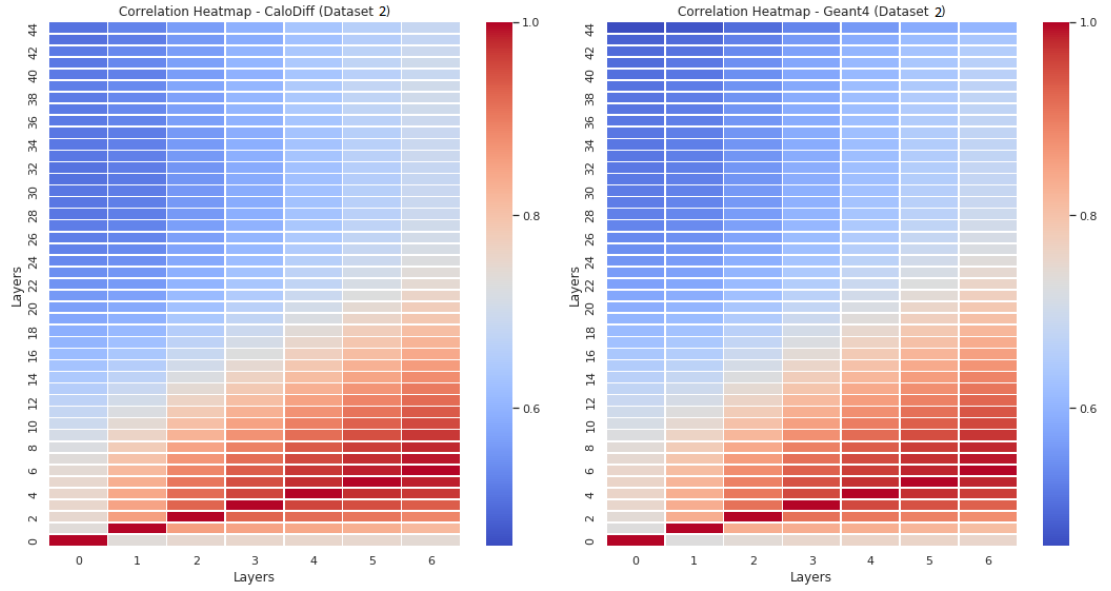

Figure 20: correlation comparison between Calodiffusion(left) and Geant4(right) for layer 0 to 6 for dataset 2
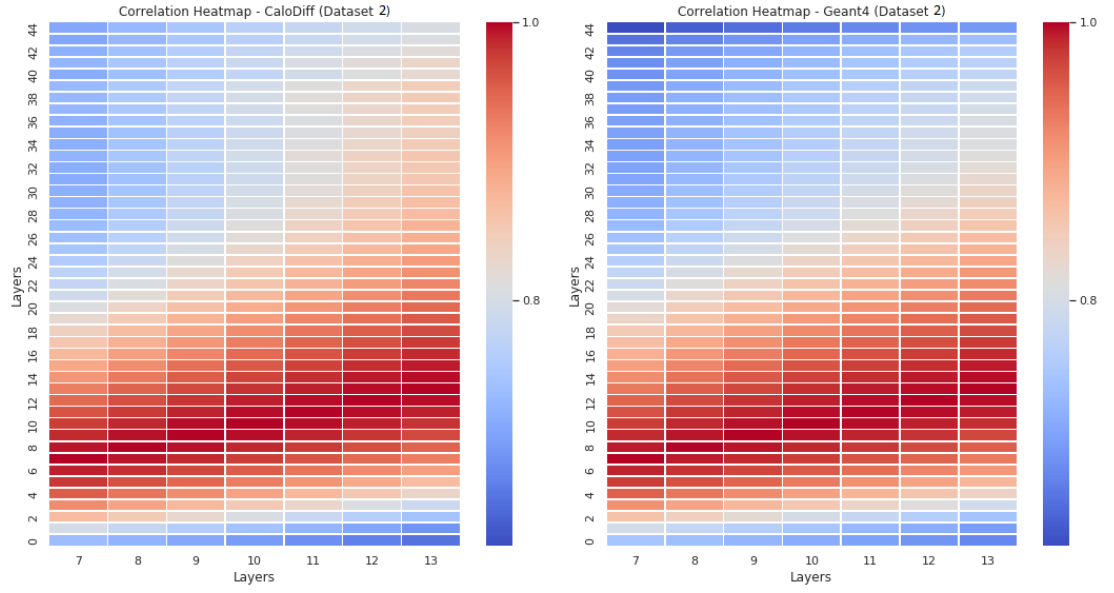
Figure 21: correlation comparison between Calodiffusion(left) and Geant4(right) for layer 7 to 13 for dataset 2
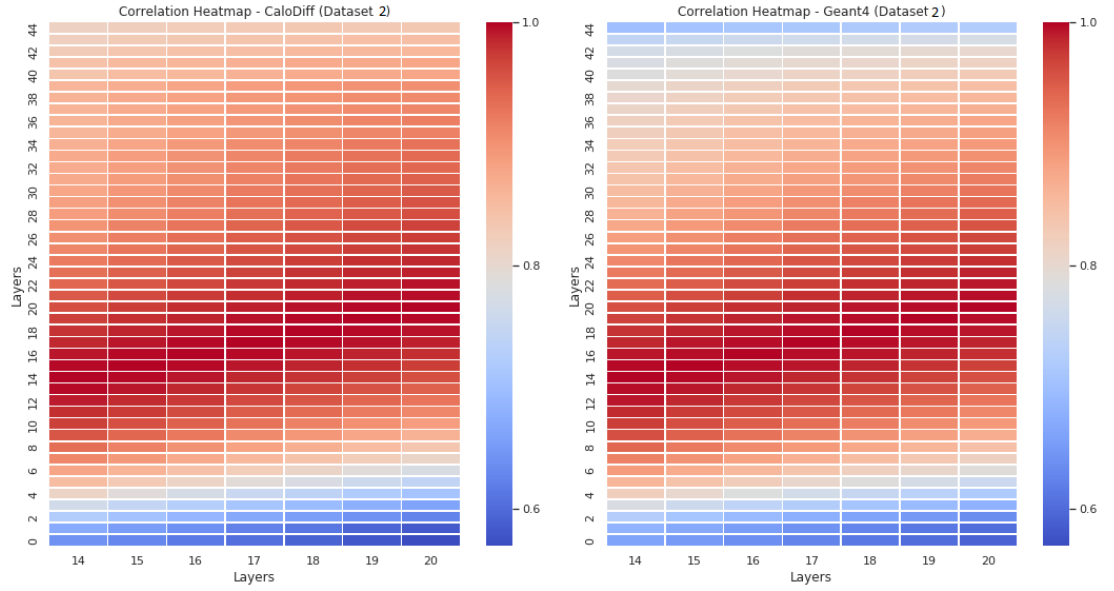

Figure 22: correlation comparison between Calodiffusion(left) and Geant4(right) for layer 14 to 20 for dataset 2
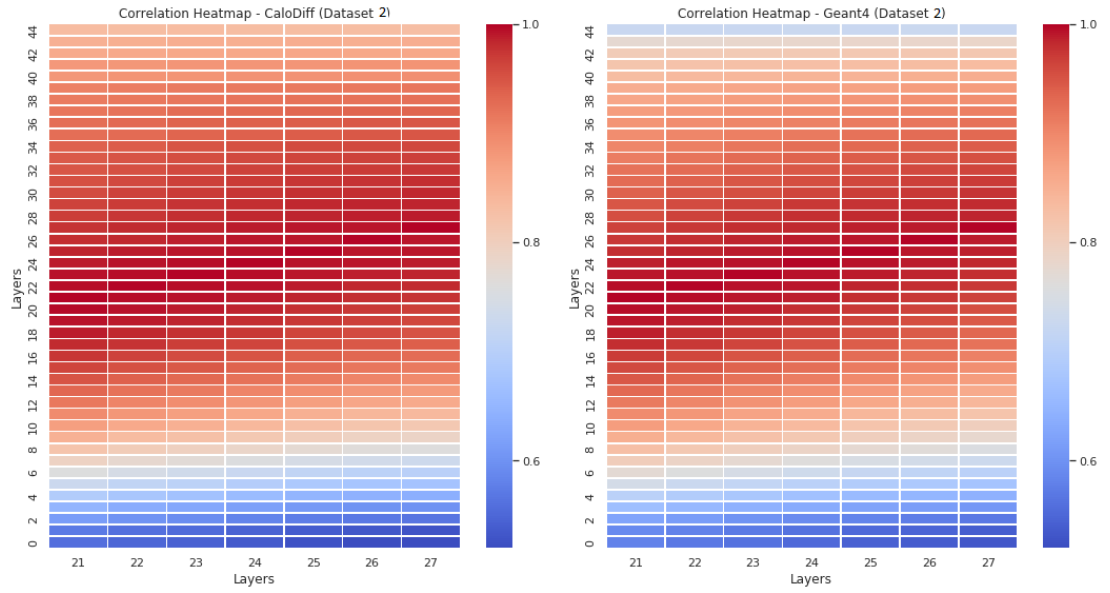
Figure 23: correlation comparison between Calodiffusion(left) and Geant4(right) for layer 21 to 27 for dataset 2
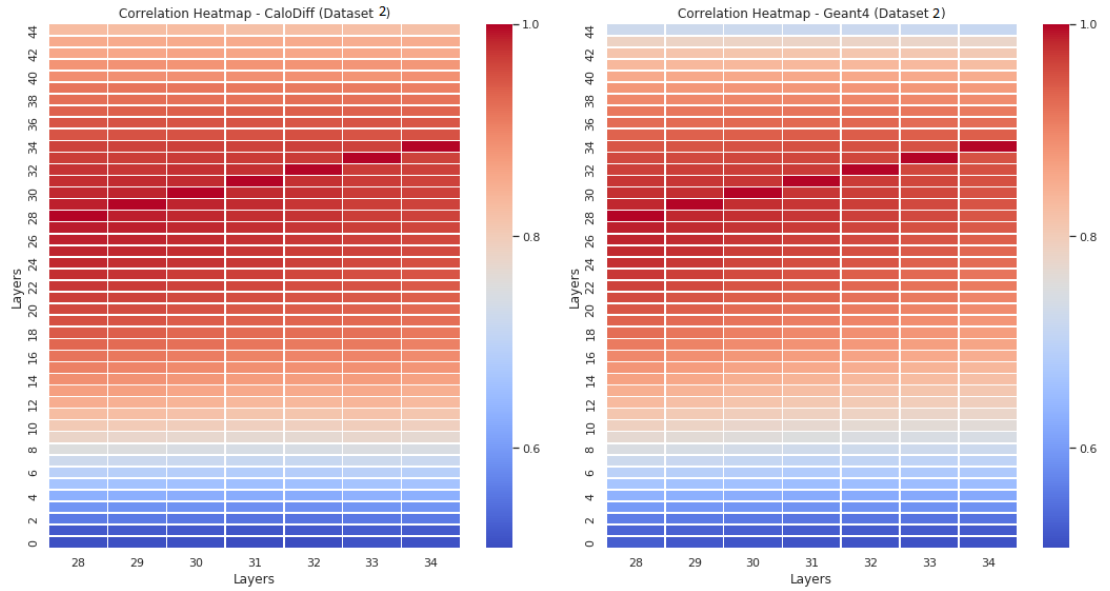

Figure 24: correlation comparison between Calodiffusion(left) and Geant4(right) for layer 28 to 34 for dataset 2
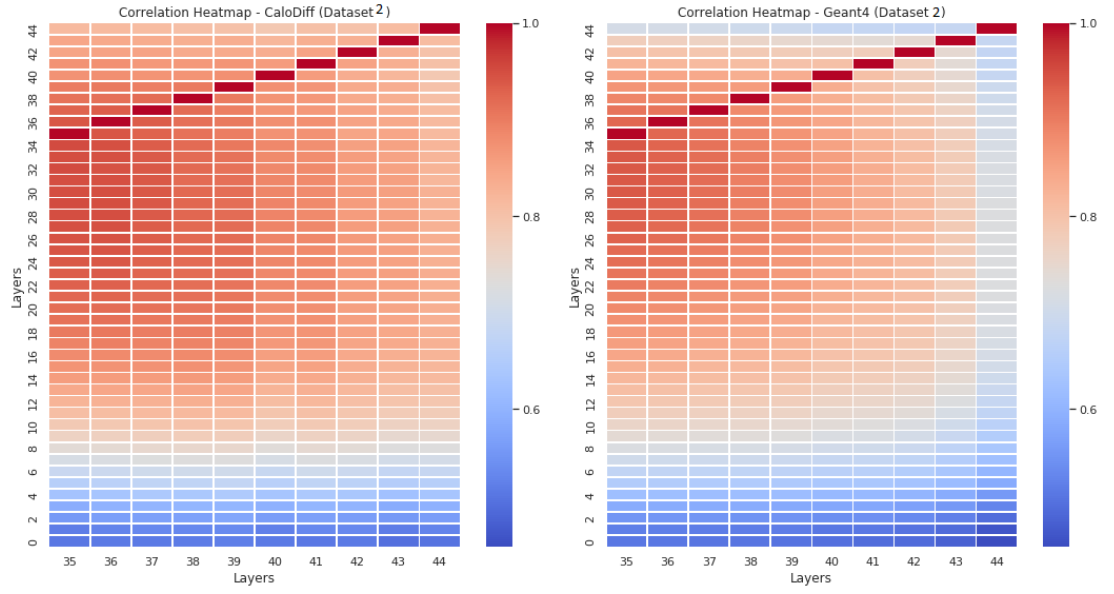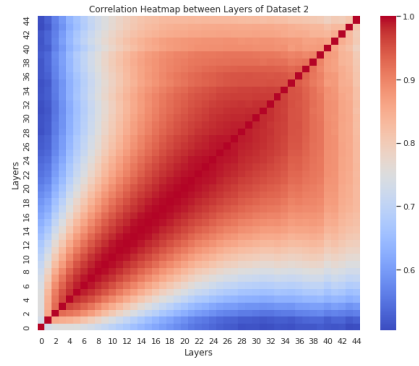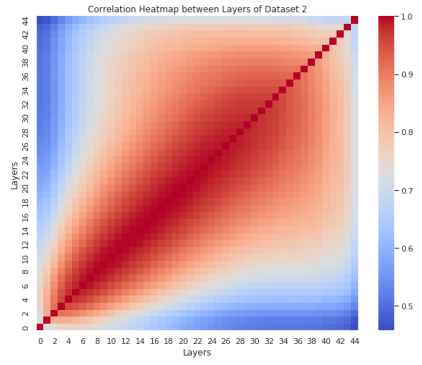
Figure 25: correlation comparison between Calodiffusion(left) and Geant4(right) for layer 35 to 45 for dataset 2

(a) Correlation between layers to layers
for Calodiffusion dataset 2

Figure 26: Correlation as a Whole for dataset 2

(a) Correlation between layers to layers
for Geant4 dataset 2