Cross-Evaluation Matrix for HPO+NAS Incumbent Configurations Configuration Dataset D01 D02 D03 D04 D05 D07 D09 D10 D06 69.24 73.14 73.35 74.45 72.33 72.17 71.11 73.54 75.07 D01 -93.53 92.21 91.79 D02 -92.34 92.14 91.43 91.90 92.51 94.16 80.36 12.33 72.85 65.67 35.90 50.06 77.52 76.72 81.34 D03 -89.54 89.66 **Evaluation Dataset** D04 -89.56 89.07 89.46 89.49 89.57 89.37 88.76 67.69 70.30 78.01 11.46 75.23 74.38 68.33 63.11 59.59 D05 -65.45 69.02 68.08 D06 -51.84 4.50 0.00 69.19 70.56 61.65 65.38 58.43 66.36 15.50 33.24 64.08 67.05 64.68 68.30 D07 -D08 -63.19 54.91 65.32 42.32 33.95 61.90 64.95 64.31 67.26

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