Correlation Matrix of Metrics faithfulness dsa -1.00 0.22 0.21 0.79 0.57 0.73 0.36 0.91 answer relevancy dsa -0.22 1.00 0.59 0.69 0.16 0.78 0.49 0.67 0.73 0.59 1.00 0.75 0.72 0.57 0.87 0.87 answer similarity dsa -0.36 0.69 0.75 1.00 0.33 0.62 0.59 0.87 faithfulness dsb -0.91 0.16 0.72 1.00 0.17 0.74 0.58 0.17 answer relevancy dsb -0.78 0.57 0.62 0.64 0.68 0.21 1.00

1.0

0.9

0.8

- 0.7

- 0.6

- 0.5

0.4

0.3

0.2

answer correctness dsa answer correctness dsb -0.79 0.49 0.87 0.59 0.74 0.64 1.00 0.74 answer similarity dsb -0.87 0.87 0.58 0.68 0.74 0.57 0.67 1.00 faithfulness\_dsa answer\_relevancy\_dsa answer\_correctness\_dsa answer\_similarity\_dsa faithfulness\_dsb answer\_relevancy\_dsb answer\_correctness\_dsb answer\_similarity\_dsb