FIC excel template includes different sheets where each sheet represents an experiment done.

FIC all sheet in the excel file: It represents a table containing 3 experiments: the normal checkerboard between 2 drugs (Cefotaxime and Amikacin), the three dimensional checkerboard between 3 drugs (Cefotaxime, Amikacin and Levofloxacin), and the Q-checkerboard between 4 drugs (Cefotaxime, Amikacin, Levofloxacin and Trimethoprim-sulfamethoxazole). The Sub-MIC concentrations of the used drugs are also written to show for each experiment what are the concentrations of the used drugs.

The final FIC that should be interpreted with the interpretation either synergistic, antagonistic or indifferent where S represents synergism. A quantification value which is equal to the final FIC minus 1 and according to this value the scale is shown. In our results, the FIC value is below than 1 meaning “S” or synergism, the quantification value is negative meaning that the scale should show a plus sign which is interpreted as slightly synergistic.

For each experiment (2D = Checkerboard, 3D = three-dimensional checkerboard, and 4D = Q-checkerboard), a final FIC is calculated and interpreted according to the criteria mentioned.

2D sheet represents the normal checkerboard done between 2 drugs (Cefotaxime and Amikacin).

3D1 sheet represents the first plate of the three-dimensional checkerboard done between 3 drugs: Cefotaxime, Amikacin and 1/8MIC Levofloxacin.

3D2 sheet represents the first plate of the three-dimensional checkerboard done between 3 drugs: Cefotaxime, Amikacin and 1/4MIC Levofloxacin.

3D3 sheet represents the first plate of the three-dimensional checkerboard done between 3 drugs: Cefotaxime, Amikacin and 1/2MIC Levofloxacin.

QD1 sheet represents the plate of the Q-checkerboard containing the 4 drugs: Cefotaxime, Amikacin, 1/8MIC Levofloxacin and 1/8MIC Trimethoprim-sulfamethoxazole.

QD2 sheet represents the plate of the Q-checkerboard containing the 4 drugs: Cefotaxime, Amikacin, 1/8MIC Levofloxacin and 1/4MIC Trimethoprim-sulfamethoxazole.

QD3 sheet represents the plate of the Q-checkerboard containing the 4 drugs: Cefotaxime, Amikacin, 1/8MIC Levofloxacin and 1/2MIC Trimethoprim-sulfamethoxazole.

QD4 sheet represents the plate of the Q-checkerboard containing the 4 drugs: Cefotaxime, Amikacin, 1/4MIC Levofloxacin and 1/8MIC Trimethoprim-sulfamethoxazole.

QD5 sheet represents the plate of the Q-checkerboard containing the 4 drugs: Cefotaxime, Amikacin, 1/4MIC Levofloxacin and 1/4MIC Trimethoprim-sulfamethoxazole.

QD6 sheet represents the plate of the Q-checkerboard containing the 4 drugs: Cefotaxime, Amikacin, 1/4MIC Levofloxacin and 1/2MIC Trimethoprim-sulfamethoxazole.

QD7 sheet represents the plate of the Q-checkerboard containing the 4 drugs: Cefotaxime, Amikacin, 1/2MIC Levofloxacin and 1/8MIC Trimethoprim-sulfamethoxazole.

QD8 sheet represents the plate of the Q-checkerboard containing the 4 drugs: Cefotaxime, Amikacin, 1/2MIC Levofloxacin and 1/4MIC Trimethoprim-sulfamethoxazole.

QD9 sheet represents the plate of the Q-checkerboard containing the 4 drugs: Cefotaxime, Amikacin, 1/2MIC Levofloxacin and 1/2MIC Trimethoprim-sulfamethoxazole.