# Extract and display actual dream vectors for each simulation

vector\_data = pd.DataFrame([

{

"Dream #": i + 1,

"Quantum Vector": r["quantum"],

"Chaos Vector": r["chaos"],

"Dream Q (sin)": r["dream\_q"],

"Dream C (cos)": r["dream\_c"],

}

for i, r in enumerate(results)

])

tools.display\_dataframe\_to\_user(name="Codette Dream Vectors", dataframe=vector\_data)

Dream # Quantum Vector \ 0 1 [-0.8881663953522696, -0.8586360232253423, 0.9... 1 2 [-0.5920337894286449, 0.7276537813191049, -0.0... 2 3 [0.7635735983518166, 0.24291071579290158, -0.9... 3 4 [0.1500063616318692, 0.04099516200588349, 0.68... 4 5 [-0.6422054755450088, -0.7542460357122454, 0.8... Chaos Vector \ 0 [-0.9125970273744723, -0.6161823114998406, 0.9... 1 [0.7284507948164411, -0.9564141019214492, -0.5... 2 [-0.4418920406080764, -0.19871700715915463, 0.... 3 [0.7728525869735585, 0.3525898437730577, 0.035... 4 [-0.657029806261799, 0.8699670045087609, 0.618... Dream Q (sin) \ 0 [-0.3441521563477168, -0.4296526083625639, 0.1... 1 [-0.9584915280752498, 0.7549650883631652, -0.1... 2 [0.6763201599238472, 0.6911842887121803, -0.28... 3 [0.45400830699871497, 0.12843435708635084, 0.8... 4 [-0.9018552577232052, -0.6976118316927824, 0.5... Dream C (cos) 0 [-0.9625379323489235, -0.35694695569610146, -0... 1 [-0.6576532780779901, -0.9906398443354387, -0.... 2 [0.18153930283336497, 0.8113795675657912, -0.2... 3 [-0.7560073254907228, 0.446726115375444, 0.993... 4 [-0.47355588044472363, -0.917713453041311,