# SIM\_2025-06-26\_163524

#n\_students\_schools = [[100,2],[200,4],[400,8], [800, 16], [1600, 32], [3200, 64]]

n\_students\_schools = [[100,20],[200,20],[400,20], [800, 20]]

n\_iterations\_simul = 2

n\_match = 1000

time\_lim = 30

n\_sol\_pricing = 10

gap\_pricing = 0.1

bool\_ColumnGen = False

seed = 0

ALPHA\_INCREMENT = 1

BETA\_INCREMENT = 0.2

alpha = list(np.arange(0, 1.0, ALPHA\_INCREMENT)) + [1.0]

#beta = list(np.arange(0, 1.0, BETA\_INCREMENT)) + [1.0]

alpha = [0.5]

beta = [0.5]

S\_vector = SimulationCG(n\_students\_schools, alpha, beta, n\_iterations\_simul, n\_match, time\_lim, n\_sol\_pricing, gap\_pricing, bool\_ColumnGen, seed, True)

# SIM\_2025-06-23\_174124

n\_students = [30]

n\_schools = [6]

n\_iterations\_simul = 5

n\_match = 1000

time\_lim = 30

seed = 0

ALPHA\_INCREMENT = 0.2

BETA\_INCREMENT = 0.2

alpha = list(np.arange(0, 1.0, ALPHA\_INCREMENT)) + [1.0]

#beta = list(np.arange(0, 1.0, BETA\_INCREMENT)) + [1.0]

beta = [0.5]

print(alpha)

S\_vector = SimulationCG(n\_students, n\_schools, alpha, beta, n\_iterations\_simul, n\_match, time\_lim, seed, True)

# SIM\_2025-06-23\_163321

n\_students = [30]

n\_schools = [6]

n\_iterations\_simul = 2

n\_match = 1000

time\_lim = 30

seed = 0

ALPHA\_INCREMENT = 0.2

BETA\_INCREMENT = 0.2

alpha = list(np.arange(0, 1.0, ALPHA\_INCREMENT)) + [1.0]

#beta = list(np.arange(0, 1.0, BETA\_INCREMENT)) + [1.0]

beta = [0.5]

print(alpha)

S\_vector = SimulationCG(n\_students, n\_schools, alpha, beta, n\_iterations\_simul, n\_match, time\_lim, seed, True)

# SIM\_2025-06-23\_113926

n\_students = [500]

n\_schools = [15]

n\_iterations\_simul = 1

n\_match = 1000

time\_lim = 300

seed = 0

ALPHA\_INCREMENT = 1

BETA\_INCREMENT = 0.2

alpha = [0.5]

beta = list(np.arange(0, 1.0, BETA\_INCREMENT)) + [1.0]

print(alpha)

S\_vector = SimulationCG(n\_students, n\_schools, alpha, beta, n\_iterations\_simul, n\_match, time\_lim, seed, True)

# SIM\_2025-06-20\_161207

n\_students = [50]

n\_schools = [6]

n\_iterations\_simul = 10

n\_match = 1000

time\_lim = 30

seed = 0

ALPHA\_INCREMENT = 0.1

BETA\_INCREMENT = 0.2

alpha = list(np.arange(0, 1.0, ALPHA\_INCREMENT)) + [1.0]

beta = list(np.arange(0, 1.0, BETA\_INCREMENT)) + [1.0]

print(alpha)

S\_vector = SimulationCG(n\_students, n\_schools, alpha, beta, n\_iterations\_simul, n\_match, time\_lim, seed, True)

# SIM\_2025-06-20\_133036

n\_students = [30]

n\_schools = [6]

n\_iterations\_simul = 5

n\_match = 1000

time\_lim = 30

seed = 0

ALPHA\_INCREMENT = 0.5

BETA\_INCREMENT = 0.5

alpha = list(np.arange(0, 1.0, ALPHA\_INCREMENT)) + [1.0]

beta = list(np.arange(0, 1.0, BETA\_INCREMENT)) + [1.0]

print(alpha)

S\_vector = SimulationCG(n\_students, n\_schools, alpha, beta, n\_iterations\_simul, n\_match, time\_lim, seed, True)