

## **games2p2k dataset**

**“unique\_id”**: the identifier for a unique game played by the row player

**“game\_id”**: the identifier for a game played by either row or col player (each game\_id corresponds to two unique\_ids)

**“up\_choice”**: proportions of players who chose the “up” strategy

**“row\_form\_matrix”**: game matrix viewed from a row player’s perspective.

Example: [r0 r1 r2 r3 c0 c1 c2 c3]

2D game matrix: [r0, c0] [r1, c1]

[r2, c2] [r3, c3]

**“role”**: original role of the player (although all participants played as row)

**“topology”**: Robinson and Goforth’s game topology (row’s topology, col’s topology)

**“logrt”**: mean log RTs of the game (averaged across participants who played the same game)

**“logrt\_norm”**: mean normalized log RTs of the game (normalized within participants and then averaged across participants)

**“delta”**: mean deviations from mutual rationality

**“delta\_norm”**: mean normalized deviations from mutual rationality

**“choice\_br”**: proportions of choices best respond to opponent’s empirical strategy

**“choice\_psne”**: proportions of choices aligned with pure-strategy Nash equilibrium