

A matrix corresponding to online learning.

$t =$	1	2	3	4	...
expert 1	1	0	1	0	...
expert 2	-1	0	0	1	...
expert 3	1	0	-1	1	...

- ▶ The columns are revealed one at a time. strategies does not matter.
- ▶ Using Hedge or NormalHedge the row player chooses a mixed strategy over the rows that is almost as good as the best single row in hind-sight.
- ▶ The best single row in hind-site is at least as good as any mixed strategy in hind-sight.