

	* To use this workbook, first select File > Make a Copy to save your own editable version.
	* The first sheet ("Inputs") features places to enter up to two different sets of assumptions. Any cell that is highlighted yellow can be altered by the user and changes will reflect on the second sheet ("Outcomes").
	* Team 1 serves as a control and Team 2 as a treatment. Set Team 1's values to your desired baseline (for a generic baseline, set all of Team 1's expected win% values to 0.5), then change Team 2's values to your new targets. The "Ratios" columns on the "Outcomes" sheet compare each team's performance to that of a randomly-selected team from the league. (For instance, in a 12-team league, the odds that a randomly-selected team will win the title will be 1 in 12.) The "Relative Gains" column instead compares Team 2 to Team 1.
	* You can also test how various treatments impact your own team. Set Team 1's values to your best estimate of your team's current values, then alter Team 2's values to your best estimate post-treatment (e.g. after making a win-now trade).
	* I've included two common sets of assumptions. The first set ("Standard Assumptions") will produce values applicable to a 12-team league where 6 teams make the playoffs and 2 teams earn a bye. The second set ("Alternate Assumptions") covers a 12-team league where 4 teams make the playoffs and no teams earn a bye. To use these, simply copy the sheet in its entirety and paste it over the entire first sheet ("Inputs").
	* If you wish to create your own playoff odds assumptions (for instance, for a 10 team league), you will need to verify that they are well-calibrated. To do this, set all of Team 1's expected win% values to 0.5 and enter your assumptions on the "Inputs" sheet. If your assumptions are well-calibrated, all of Team 1's Ratios will display as at or extremely close to 100% on the "Outcomes" sheet. If they don't, tweak your assumptions until they do.
	* If your league does not use a playoff bye, set all "Bye" odds on the "Inputs" sheet to zero and set the expected wildcard win% to 1.
	* All colors were selected to be color-blind friendly. If you have any issues distinguishing heatmaps, please let me know.
	* For any other concerns, I am reachable on Twitter at '@AdamHarstad'

	Team 1	Ratio	Team 2	Ratio	Team 2's Total Gain	
Expected Wins	7.00	100%	7.50	107%	Expected Wins	0.500
Playoff Chances	50.00%	100%	59.95%	120%	Playoff Chances	9.95%
Bye Chances	16.68%	100%	22.84%	137%	Bye Chances	6.16%
Reach Title Game	16.67%	100%	20.70%	124%	Reach Title Game	4.03%
Win Title Game	8.33%	100%	10.35%	124%	Win Title Game	2.01%

Team 1 Win Distribution															
Total Wins	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Odds of each total	0.01%	0.09%	0.56%	2.22%	6.11%	12.22%	18.33%	20.95%	18.33%	12.22%	6.11%	2.22%	0.56%	0.09%	0.01%
Cumulative odds of X+ Wins	100.00%	99.99%	99.91%	99.35%	97.13%	91.02%	78.80%	60.47%	39.53%	21.20%	8.98%	2.87%	0.65%	0.09%	0.01%

Team 2 Win Distribution															
Total Wins	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Odds of each total	0.00%	0.01%	0.16%	0.95%	3.49%	8.73%	15.71%	20.95%	20.95%	15.71%	8.73%	3.49%	0.95%	0.16%	0.01%
Cumulative odds of X+ Wins	100.00%	100.00%	99.99%	99.83%	98.88%	95.39%	86.66%	70.95%	50.00%	29.05%	13.34%	4.61%	1.12%	0.17%	0.01%



