March Mathness Worksheet 5

Conference Tournaments

Due: See last page

This module will serve as our mini-capstone assignment to our project. In this assignment, you are to use any mathematical method we’ve used in order to predict the results of your respective conference tournament.

**Assignment:**

* Watch Lectures 5-6 & 17-18 from Tim Chartier on Udemy.
* Decide on your favorite method of ranking (Colley, Massey, adjusted Massey, Borda count, voting methods, etc.)
* After the final conference games have been played, generate your ranking. I will be checking to see if you’ve accounted for all the conference games to establish a true ranking.
* Look up information on your conference tournament. Find when the tournament starts. Find a bracket that you can print or edit.
* Print/Fill out your bracket with the predicted winners. Whichever team has a higher ranking in your method, it should follow that it should be the favored team.
* Submit either your completed bracket or a photo of your completed bracket on the required due date. Send it via email to agormley@nd.edu It is essential you complete submit your bracket after all conference games have been played and before the conference tournament starts. Failure to submit on the assigned deadline will result loss of points and ineligibility for bonus points consideration.
* Several tournaments will be starting this week. Given that it’s midterms week, nothing will be due before Thursday of this week. If you have a conference tournament that starts before Friday, you may submit your bracket and paper before your conference tournament starts or choose a new conference for this module. You will then submit the assignment on the due date of your chosen conference. If you would like to study/predict the ACC, that will OK
* In addition to your bracket submission, you are required to submit a 1-page paper on your methodology. Things to discuss: what method did you choose? Why do you feel this method is the best for prediction? What are some strengths and ­drawbacks to this method? How could you better enhance this method?
* Anyone who follows the guidelines and predicts a 100% conference tournament bracket will be awarded 5 bonus points to their homework grade.
* See the second page for conference tournament start dates and due dates.
* Any questions, email agormley@nd.edu

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| **CONFERENCE** | **TOURNAMENT SITE** | **TOURNAMENT START DATE** | **ASSIGNMENT DUE DATE** |
| [AAC (American Athletic Conference)](http://www.cbssports.com/collegebasketball/tournaments/conference/AAC/aac-tournament-bracket) | Orlando, Fla. | 3/10 | 3/09 |
| [ACC](http://www.cbssports.com/collegebasketball/tournaments/conference/ACC/acc-tournament-bracket) | Washington D.C. | 3/08 | 3/07 |
| [America East](http://www.cbssports.com/collegebasketball/tournaments/conference/AEAST/america-east-tournament-bracket) | Campus Sites | 3/02 | 3/01 or Select a new conference |
| [Atlantic 10](http://www.cbssports.com/collegebasketball/tournaments/conference/ATL10/atlantic-10--tournament-bracket) | Brooklyn | 3/09 | 3/08 |
| [Atlantic Sun](http://www.cbssports.com/collegebasketball/tournaments/conference/ASUN/atlantic-sun-tournament-bracket) | Campus Sites  | 3/01 | 2/29 or Select a new conference |
| [Big East](http://www.cbssports.com/collegebasketball/tournaments/conference/BIGE/big-east-tournament-bracket) | New York | 3/09 | 3/08 |
| [Big Sky](http://www.cbssports.com/collegebasketball/tournaments/conference/BSKY/big-sky-tournament-bracket) | Reno, Nev. | 3/08 | 3/07 |
| [Big South](http://www.cbssports.com/collegebasketball/tournaments/conference/BSOU/big-south-tournament-bracket) | Buies Creek, N.C. | 3/03 | 3/02 or choose new conference |
| [Big Ten](http://www.cbssports.com/collegebasketball/tournaments/conference/BIG10/big-10-tournament-bracket) | Indianapolis | 3/09 | 3/08 |
| [Big 12](http://www.cbssports.com/collegebasketball/tournaments/conference/BIG12/big-12-tournament-bracket) | Kansas City | 3/09 | 3/08 |
| [Big West](http://www.cbssports.com/collegebasketball/tournaments/conference/BIGW/big-west-tournament-bracket) | Anaheim | 3/10 | 3/09 |
| [Colonial](http://www.cbssports.com/collegebasketball/tournaments/conference/COL/colonial-tournament-bracket)  | Baltimore | 3/04 | 3/03  |
| [Conference USA](http://www.cbssports.com/collegebasketball/tournaments/conference/USA/conference-usa-tournament-bracket) | Birmingham, Ala. | 3/08 | 3/07 |
| [Horizon League](http://www.cbssports.com/collegebasketball/tournaments/conference/HORIZ/horizon-tournament-bracket) | Detroit | 3/05 | 3/04 |
| Ivy League | No conf. Tour. |  | Choose different conference |
| [MAAC](http://www.cbssports.com/collegebasketball/tournaments/conference/MAAC/maac-tournament-bracket) | Albany N.Y. | 3/03 | 3/02 or choose a new conference |
| [MAC](http://www.cbssports.com/collegebasketball/tournaments/conference/MIDAM/mac-tournament-bracket) (Mid-American Conference) | Cleveland, Ohio | 3/7 | 3/6 |
| [MEAC](http://www.cbssports.com/collegebasketball/tournaments/conference/MEAC/meac-tournament-bracket) (Mid-eastern athletic conference) | Norfolk, Va. | 3/7 | 3/6 |
| [Mountain West](http://www.cbssports.com/collegebasketball/tournaments/conference/MWC/mountain-west-tournament-bracket) | Las Vegas | 3/09 | 3/08 |
| [Northeast](http://www.cbssports.com/collegebasketball/tournaments/conference/NEA/northeast-tournament-bracket) | Campus Sites | 3/02 | 3/01 or choose new conference |
| [Ohio Valley](http://www.cbssports.com/collegebasketball/tournaments/conference/OVC/ohio-valley-tournament-bracket) | Nashville | 3/09 | 3/08 |
| [Pac-12](http://www.cbssports.com/collegebasketball/tournaments/conference/PAC10/pac-10-tournament-bracket) | Las Vegas | 3/09 | 3/08 |
| [Patriot](http://www.cbssports.com/collegebasketball/tournaments/conference/PAT/patriot-league-tournament-bracket)  | Campus Sites | 3/01 | 2/29 or choose new conference |
| [SEC](http://www.cbssports.com/collegebasketball/tournaments/conference/SEC/sec-tournament-bracket) | Nashville  | 3/09 | 3/08 |
| [Southland](http://www.cbssports.com/collegebasketball/tournaments/conference/LAND/southland-tournament-bracket) | Katy, Texas | 3/08 | 3/07 |
| [Southern](http://www.cbssports.com/collegebasketball/tournaments/conference/SOUTH/southern-conference-tournament-bracket) | Asheville, N.C | 3/04 | 3/03 |
| [Summit](http://www.cbssports.com/collegebasketball/tournaments/conference/SUMM/summit-league-tournament-bracket) | Sioux Falls, S.D. | 3/5 | 3/4 |
| [Sun Belt](http://www.cbssports.com/collegebasketball/tournaments/conference/BELT/sun-belt-tournament-bracket) | New Orleans | 3/10 | 3/09 |
| [SWAC](http://www.cbssports.com/collegebasketball/tournaments/conference/SWAC/swac-tournament-bracket) | Houston | 3/08 | 3/07 |
| [WAC](http://www.cbssports.com/collegebasketball/tournaments/conference/WAC/wac-tournament-bracket) | Las Vegas | 3/10 | 3/09 |
| [West Coast](http://www.cbssports.com/collegebasketball/tournaments/conference/WCC/wcc-tournament-bracket) | Las Vegas | 3/04 | 3/03 |
| \*Hyperlinks go to CBS sports bracket for each tournament |