## TRAIN DATASET

| 2023 Real               |                 | 2023 Predicted          |       |
|-------------------------|-----------------|-------------------------|-------|
| player                  | mvp votes share | player                  | pred  |
| nikola jokić            | 0.935           | nikola jokić            | 0.816 |
| shai gilgeous-alexander | 0.646           | luka dončić             | 0.459 |
| luka dončić             | 0.572           | shai gilgeous-alexander | 0.427 |
| giannis antetokounmpo   | 0.194           | giannis antetokounmpo   | 0.366 |
| jalen brunson           | 0.143           | joel embiid             | 0.329 |
|                         | RBO Sco         | re: 0.8398              |       |

| 2011 Real    |                 | 20             | 2011 Predicted |  |
|--------------|-----------------|----------------|----------------|--|
| player       | mvp votes share | player         | pred           |  |
| lebron james | 0.888           | lebron james   | 0.565          |  |
| kevin durant | 0.735           | kevin durant   | 0.224          |  |
| chris paul   | 0.318           | chris paul     | 0.209          |  |
| kobe bryant  | 0.291           | kyrylo fesenko | 0.179          |  |
| tony parker  | 0.274           | kobe bryant    | 0.117          |  |

| 2022 Real               |                 | 2022 Predicted        |       |
|-------------------------|-----------------|-----------------------|-------|
| player                  | mvp votes share | player                | pred  |
| joel embiid             | 0.915           | nikola jokić          | 0.594 |
| nikola jokić            | 0.674           | joel embiid           | 0.52  |
| giannis antetokounmpo   | 0.606           | stanley umude         | 0.342 |
| jayson tatum            | 0.28            | luka dončić           | 0.33  |
| shai gilgeous-alexander | 0.046           | giannis antetokounmpo | 0.293 |
|                         | RBO Sco         | re: 0.0000            |       |

| 2003 Real       |   | 2003 Predicted   |  |
|-----------------|---|--|--|
| mvp votes share | player                                  | pred   |  |
| 0.991           | kevin garnett                           | 0.533  |  |
| 0.582           | tim duncan                              | 0.327  |  |
| 0.425           | bruno šundov                            | 0.238  |  |
| 0.228           | tracy mcgrady                           | 0.101  |  |
| 0.172           | ben wallace                             | 0.093  |  |
|                 | mvp votes share 0.991 0.582 0.425 0.228 | mvp votes share         player           0.991         kevin garnett           0.582         tim duncan           0.425         bruno Sundov           0.228         tracy mogrady |  |

## TEST DATASET

| 2021 Real             |                 | 2021 F                | 2021 Predicted |  |
|-----------------------|-----------------|-----------------------|----------------|--|
| player                | mvp votes share | player                | pred           |  |
| nikola jokić          | 0.875           | nikola jokić          | 0.796          |  |
| joel embiid           | 0.706           | giannis antetokounmpo | 0.583          |  |
| giannis antetokounmpo | 0.595           | joel embiid           | 0.498          |  |
| devin booker          | 0.216           | luka dončić           | 0.227          |  |
| luka dončić           | 0.146           | lebron james          | 0.093          |  |

| 2019 Real             |                 | 2019 Predicted        |       |
|-----------------------|-----------------|-----------------------|-------|
| player                | mvp votes share | player                | pred  |
| giannis antetokounmpo | 0.952           | giannis antetokounmpo | 0.64  |
| lebron james          | 0.746           | lebron james          | 0.498 |
| james harden          | 0.363           | james harden          | 0.415 |
| luka dončić           | 0.198           | luka dončić           | 0.23  |
| kawhi leonard         | 0.166           | damian lillard        | 0.129 |
|                       | RBO Sco         | re: 0.9989            |       |

| 2017 Real         |                 | 2017 Predicted    |       |
|-------------------|-----------------|-------------------|-------|
| player            | mvp votes share | player            | pred  |
| james harden      | 0.955           | james harden      | 0.846 |
| lebron james      | 0.731           | lebron james      | 0.529 |
| anthony davis     | 0.441           | anthony davis     | 0.265 |
| damian lillard    | 0.205           | damian lillard    | 0.168 |
| russell westbrook | 0.07            | russell westbrook | 0.117 |

| 2015 Real         |                 | 2015 Predicted    |       |
|-------------------|-----------------|-------------------|-------|
| player            | mvp votes share | player            | pred  |
| stephen curry     | 1.0             | stephen curry     | 0.874 |
| kawhi leonard     | 0.484           | lebron james      | 0.453 |
| lebron james      | 0.482           | russell westbrook | 0.388 |
| russell westbrook | 0.371           | kevin durant      | 0.366 |
| kevin durant      | 0.112           | kawhi leonard     | 0.34  |
|                   | RBO Sco         | re: 0.8339        |       |

| 2013 Real     |                 | 2013 Predicted |       |
|---------------|-----------------|----------------|-------|
| player        | mvp votes share | player         | pred  |
| kevin durant  | 0.986           | kevin durant   | 0.907 |
| lebron james  | 0.713           | lebron james   | 0.576 |
| blake griffin | 0.347           | stephen curry  | 0.276 |
| joakim noah   | 0.258           | blake griffin  | 0.189 |
| james harden  | 0.068           | kevin love     | 0.168 |
| ,             |                 | re: 0.9661     |       |

| 2010 Real     |                 | 20            | 010 Predicted |
|---------------|-----------------|---------------|---------------|
| player        | mvp votes share | player        | pred          |
| derrick rose  | 0.977           | derrick rose  | 0.583         |
| dwight howard | 0.531           | lebron james  | 0.502         |
| lebron james  | 0.431           | dwight howard | 0.391         |
| kobe bryant   | 0.354           | kobe bryant   | 0.205         |
| kevin durant  | 0.157           | dwyane wade   | 0.13          |
|               | RBO Se          | ore: 0.8398   |               |

| 2008 Real     |                 | 20            | 008 Predicted |
|---------------|-----------------|---------------|---------------|
| player        | mvp votes share | player        | pred          |
| lebron james  | 0.969           | lebron james  | 0.905         |
| kobe bryant   | 0.577           | chris paul    | 0.506         |
| dwyane wade   | 0.562           | dwyane wade   | 0.482         |
| dwight howard | 0.271           | kobe bryant   | 0.385         |
| chris paul    | 0.159           | dwight howard | 0.243         |
|               | RBO So          | ore: 0.8608   |               |

| 2006 Real     |                 | 2             | 006 Predicted |  |
|---------------|-----------------|---------------|---------------|--|
| player        | mvp votes share | player        | pred          |  |
| dirk nowitzki | 0.882           | dirk nowitzki | 0.777         |  |
| steve nash    | 0.785           | steve nash    | 0.601         |  |
| kobe bryant   | 0.404           | kobe bryant   | 0.317         |  |
| tim duncan    | 0.222           | tim duncan    | 0.268         |  |
| lebron james  | 0.142           | lebron james  | 0.209         |  |
|               | DDO 9           | oro: 1 0000   |               |  |

| 2004 Real        |                 | 20               | 2004 Predicted |  |
|------------------|-----------------|------------------|----------------|--|
| player           | mvp votes share | player           | pred           |  |
| steve nash       | 0.839           | steve nash       | 0.574          |  |
| shaquille o'neal | 0.813           | shaquille o'neal | 0.438          |  |
| dirk nowitzki    | 0.275           | dirk nowitzki    | 0.239          |  |
| tim duncan       | 0.258           | lebron james     | 0.208          |  |
| allen iverson    | 0.189           | tim duncan       | 0.187          |  |
|                  | RBO So          | ore: 0.9965      |                |  |

|                  | 2001 Real       | 20               | 01 Predicted |
|------------------|-----------------|------------------|--------------|
| player           | mvp votes share | player           | pred         |
| tim duncan       | 0.757           | tim duncan       | 0.599        |
| jason kidd       | 0.712           | shaquille o'neal | 0.4          |
| shaquille o'neal | 0.552           | jason kidd       | 0.399        |
| tracy mcgrady    | 0.31            | tracy mcgrady    | 0.203        |
| kobe bryant      | 0.078           | allen iverson    | 0.118        |
| ,                | RBO Sco         | re: 0.8398       |              |

| 202                   | 0 Real          | 2020 F                | Predicted |
|-----------------------|-----------------|-----------------------|-----------|
| player                | mvp votes share | player                | pred      |
| nikola jokić          | 0.961           | nikola jokić          | 0.783     |
| joel embiid           | 0.58            | joel embiid           | 0.346     |
| stephen curry         | 0.449           | stephen curry         | 0.304     |
| giannis antetokounmpo | 0.345           | giannis antetokounmpo | 0.291     |
| chris paul            | 0.138           | luka dončić           | 0.159     |

| 2018 Real             |                 | 2018 Predicted        |       |
|-----------------------|-----------------|-----------------------|-------|
| player                | mvp votes share | player                | pred  |
| giannis antetokounmpo | 0.932           | giannis antetokounmpo | 0.79  |
| james harden          | 0.768           | james harden          | 0.695 |
| paul george           | 0.352           | nikola jokić          | 0.226 |
| nikola jokić          | 0.21            | paul george           | 0.182 |
| stephen curry         | 0.173           | anthony davis         | 0.103 |
|                       | RBO Sco         | re: 0.9661            |       |

| 2                 | 2016 Real       | 201               | 16 Predicted |
|-------------------|-----------------|-------------------|--------------|
| player            | mvp votes share | player            | pred         |
| russell westbrook | 0.879           | russell westbrook | 0.706        |
| james harden      | 0.746           | james harden      | 0.637        |
| kawhi leonard     | 0.495           | kawhi leonard     | 0.495        |
| lebron james      | 0.33            | lebron james      | 0.302        |
| isaiah thomas     | 0.08            | john wall         | 0.155        |

| 2014 Real         |                   | 2014 Predicted    |       |  |  |
|-------------------|-------------------|-------------------|-------|--|--|
| player            | mvp votes share   | player            | pred  |  |  |
| stephen curry     | 0.922             | stephen curry     | 0.701 |  |  |
| james harden      | 0.72              | james harden      | 0.635 |  |  |
| lebron james      | 0.425             | russell westbrook | 0.305 |  |  |
| russell westbrook | 0.271             | lebron james      | 0.233 |  |  |
| anthony davis     | 0.156             | chris paul        | 0.222 |  |  |
|                   | RBO Score: 0.9661 |                   |       |  |  |

| 2012 Real       |                 | 2012 Predicted  |       |
|-----------------|-----------------|-----------------|-------|
| player          | mvp votes share | player          | pred  |
| lebron james    | 0.998           | lebron james    | 0.945 |
| kevin durant    | 0.632           | kevin durant    | 0.765 |
| carmelo anthony | 0.393           | carmelo anthony | 0.314 |
| chris paul      | 0.239           | chris paul      | 0.257 |
| kobe bryant     | 0.152           | james harden    | 0.105 |

| 2009 Real     |                 | 20            | 2009 Predicted |  |
|---------------|-----------------|---------------|----------------|--|
| player        | mvp votes share | player        | pred           |  |
| lebron james  | 0.98            | lebron james  | 0.976          |  |
| kevin durant  | 0.495           | kevin durant  | 0.436          |  |
| kobe bryant   | 0.487           | dwight howard | 0.351          |  |
| dwight howard | 0.389           | steve nash    | 0.264          |  |
| dwyane wade   | 0.097           | kobe bryant   | 0.187          |  |

| 2007 Real     |                 | 20            | 2007 Predicted |  |
|---------------|-----------------|---------------|----------------|--|
| player        | mvp votes share | player        | pred           |  |
| kobe bryant   | 0.873           | chris paul    | 0.6            |  |
| chris paul    | 0.71            | kobe bryant   | 0.391          |  |
| kevin garnett | 0.532           | kevin garnett | 0.362          |  |
| lebron james  | 0.348           | lebron james  | 0.315          |  |
| dwight howard | 0.048           | dwight howard | 0.191          |  |

| 2005 Real        |                 | 2005 Predicted   |       |
|------------------|-----------------|------------------|-------|
| player           | mvp votes share | player           | pred  |
| steve nash       | 0.739           | lebron james     | 0.471 |
| lebron james     | 0.55            | dirk nowitzki    | 0.464 |
| dirk nowitzki    | 0.435           | kobe bryant      | 0.371 |
| kobe bryant      | 0.386           | steve nash       | 0.295 |
| chauncey billups | 0.344           | chauncey billups | 0.283 |
|                  | RBO Sc          | ore: 0.0011      |       |

|                  | 2002 Real         | 2             | 002 Predicted |  |  |
|------------------|-------------------|---------------|---------------|--|--|
| player           | mvp votes share   | player        | pred          |  |  |
| tim duncan       | 0.808             | tim duncan    | 0.683         |  |  |
| kevin garnett    | 0.732             | kevin garnett | 0.541         |  |  |
| kobe bryant      | 0.417             | tracy mcgrady | 0.454         |  |  |
| tracy mcgrady    | 0.359             | kobe bryant   | 0.401         |  |  |
| shaquille o'neal | 0.106             | dirk nowitzki | 0.206         |  |  |
|                  | RBO Score: 0.9661 |               |               |  |  |