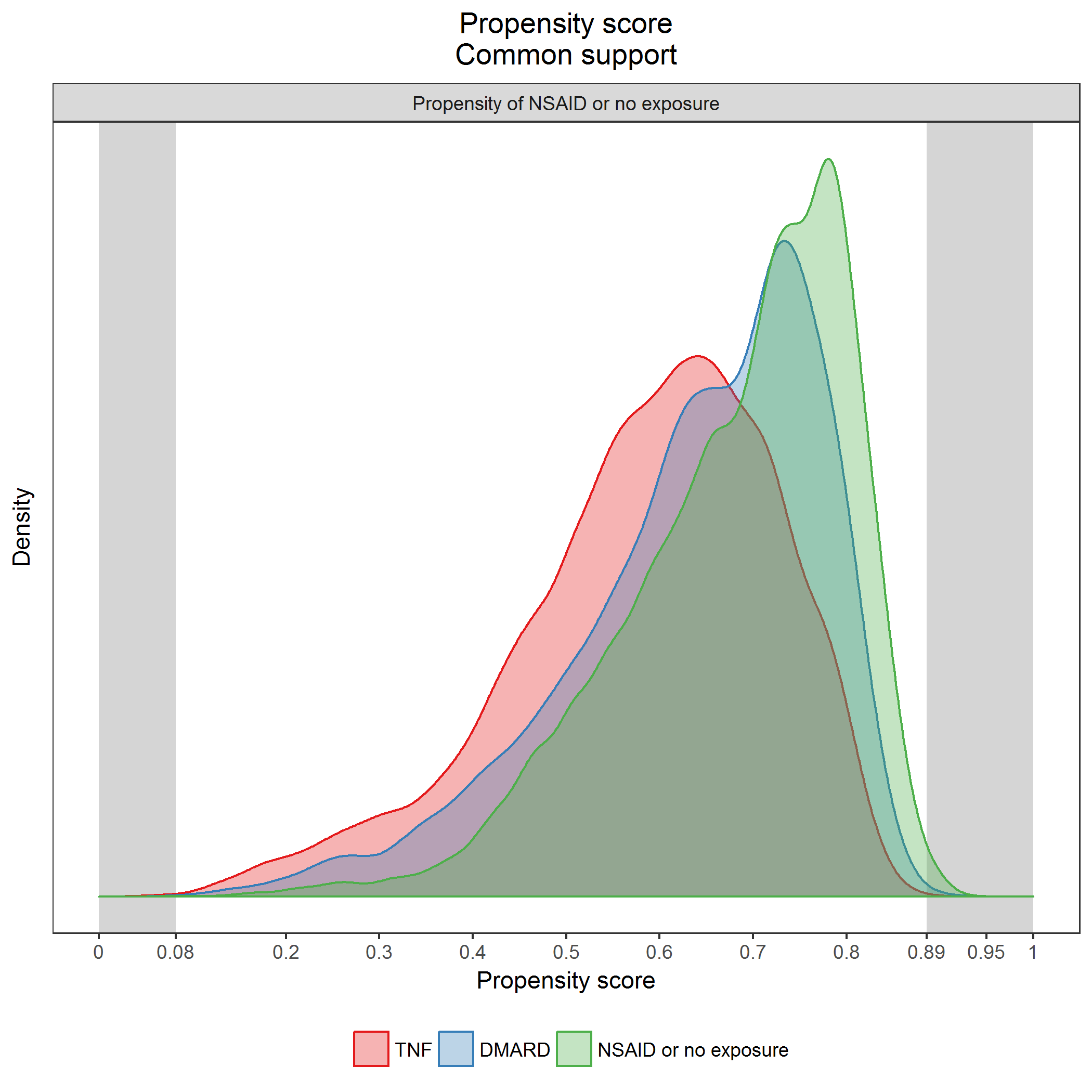
# Propensity score

Read deidentified propensity score data. Data was created by [modelPropensityScore.sas](../scripts/modelPropensityScore.sas).

* Image files saved as [PNG](../figures/densityPS.png), [SVG](../figures/densityPS.svg)



Densities propensity scores.png

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| indCommonSupport | model | exposure | n | minPS | maxPS | minIPTW | maxIPTW |
| FALSE | 3-level exposure | TNF | 5 | 0.055 | 0.080 | 1.058 | 1.087 |
| FALSE | 3-level exposure | DMARD | 3 | 0.889 | 0.914 | 9.011 | 11.634 |
| FALSE | 3-level exposure | NSAID or no exposure | 148 | 0.068 | 0.930 | 1.075 | 14.761 |
| TRUE | 3-level exposure | TNF | 12981 | 0.089 | 0.886 | 1.097 | 8.760 |
| TRUE | 3-level exposure | DMARD | 7716 | 0.082 | 0.885 | 1.089 | 8.687 |
| TRUE | 3-level exposure | NSAID or no exposure | 39156 | 0.095 | 0.886 | 1.129 | 10.572 |
| NA | 3-level exposure | TNF | 1 | NA | NA | NA | NA |

|  |  |  |
| --- | --- | --- |
| model | commonSupportLowerBound | commonSupportUpperBound |
| 3-level exposure | 0.082114 | 0.8858425 |

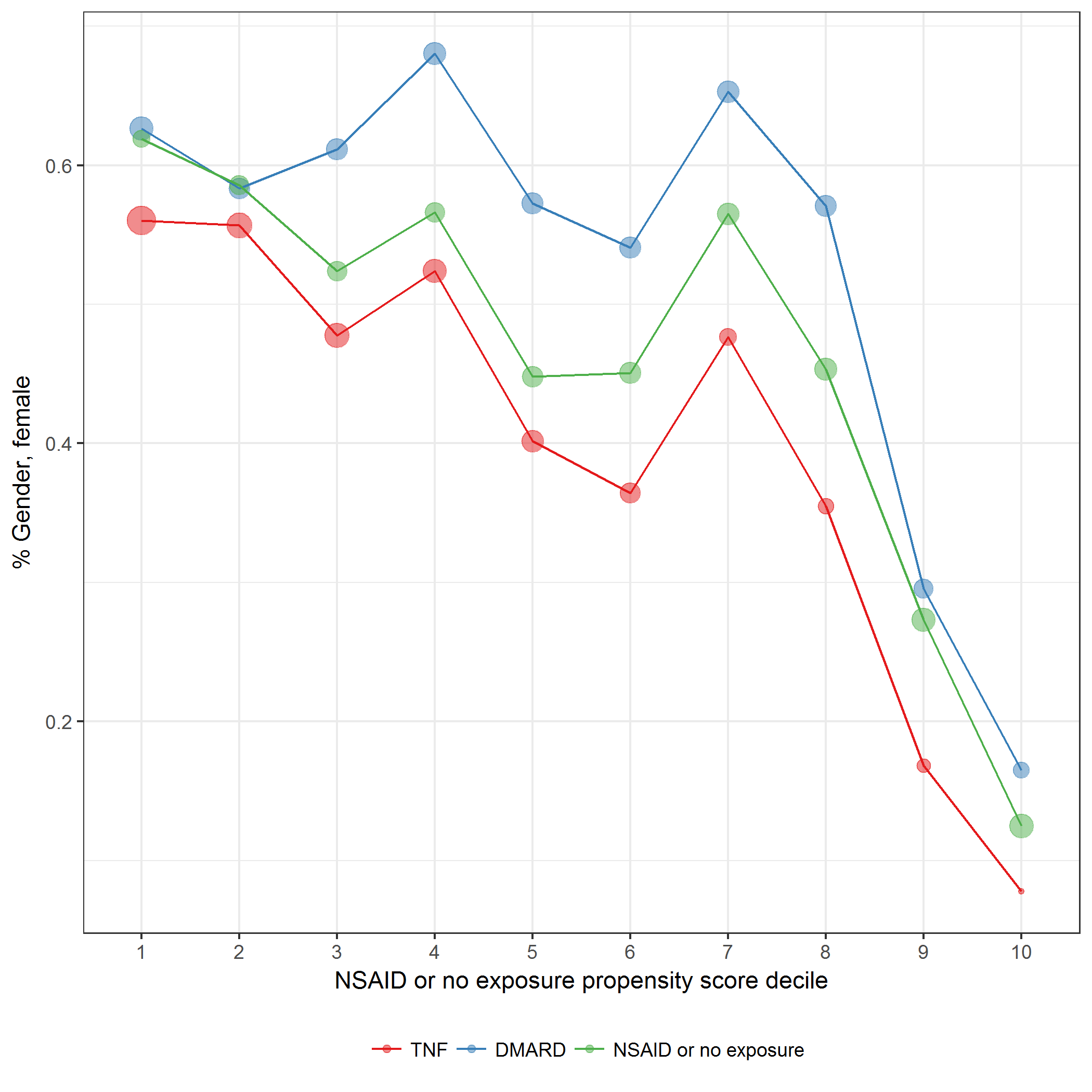
## Covariate balance

Include only episodes with propensity scores in the common support region.

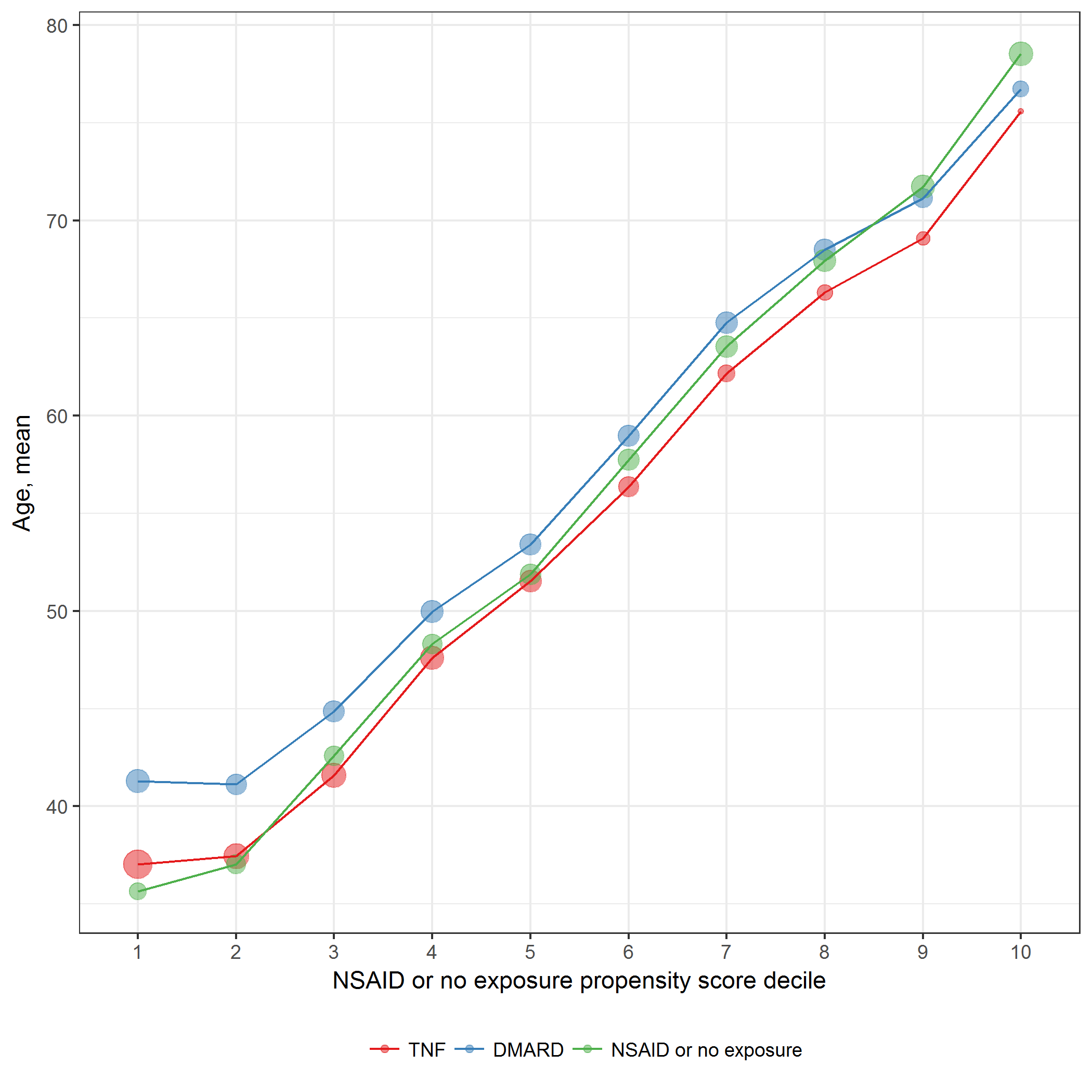
**Propensity of NSAID or no exposure.** Create propensity score deciles.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| model | exposure | psDecile | n | min | max |
| 3-level exposure | TNF | 1 | 2585 | 0.09 | 0.47 |
| 3-level exposure | TNF | 2 | 1923 | 0.47 | 0.55 |
| 3-level exposure | TNF | 3 | 1836 | 0.55 | 0.60 |
| 3-level exposure | TNF | 4 | 1636 | 0.60 | 0.64 |
| 3-level exposure | TNF | 5 | 1424 | 0.64 | 0.68 |
| 3-level exposure | TNF | 6 | 1224 | 0.68 | 0.71 |
| 3-level exposure | TNF | 7 | 852 | 0.71 | 0.74 |
| 3-level exposure | TNF | 8 | 690 | 0.74 | 0.77 |
| 3-level exposure | TNF | 9 | 541 | 0.77 | 0.80 |
| 3-level exposure | TNF | 10 | 270 | 0.80 | 0.89 |
| 3-level exposure | DMARD | 1 | 950 | 0.08 | 0.47 |
| 3-level exposure | DMARD | 2 | 761 | 0.47 | 0.55 |
| 3-level exposure | DMARD | 3 | 785 | 0.55 | 0.60 |
| 3-level exposure | DMARD | 4 | 882 | 0.60 | 0.64 |
| 3-level exposure | DMARD | 5 | 800 | 0.64 | 0.68 |
| 3-level exposure | DMARD | 6 | 797 | 0.68 | 0.71 |
| 3-level exposure | DMARD | 7 | 856 | 0.71 | 0.74 |
| 3-level exposure | DMARD | 8 | 813 | 0.74 | 0.77 |
| 3-level exposure | DMARD | 9 | 623 | 0.77 | 0.80 |
| 3-level exposure | DMARD | 10 | 449 | 0.80 | 0.88 |
| 3-level exposure | NSAID or no exposure | 1 | 2512 | 0.09 | 0.47 |
| 3-level exposure | NSAID or no exposure | 2 | 3240 | 0.47 | 0.55 |
| 3-level exposure | NSAID or no exposure | 3 | 3374 | 0.55 | 0.60 |
| 3-level exposure | NSAID or no exposure | 4 | 3457 | 0.60 | 0.64 |
| 3-level exposure | NSAID or no exposure | 5 | 3782 | 0.64 | 0.68 |
| 3-level exposure | NSAID or no exposure | 6 | 3989 | 0.68 | 0.71 |
| 3-level exposure | NSAID or no exposure | 7 | 4244 | 0.71 | 0.74 |
| 3-level exposure | NSAID or no exposure | 8 | 4533 | 0.74 | 0.77 |
| 3-level exposure | NSAID or no exposure | 9 | 4825 | 0.77 | 0.80 |
| 3-level exposure | NSAID or no exposure | 10 | 5200 | 0.80 | 0.89 |

### Demographic characteristics

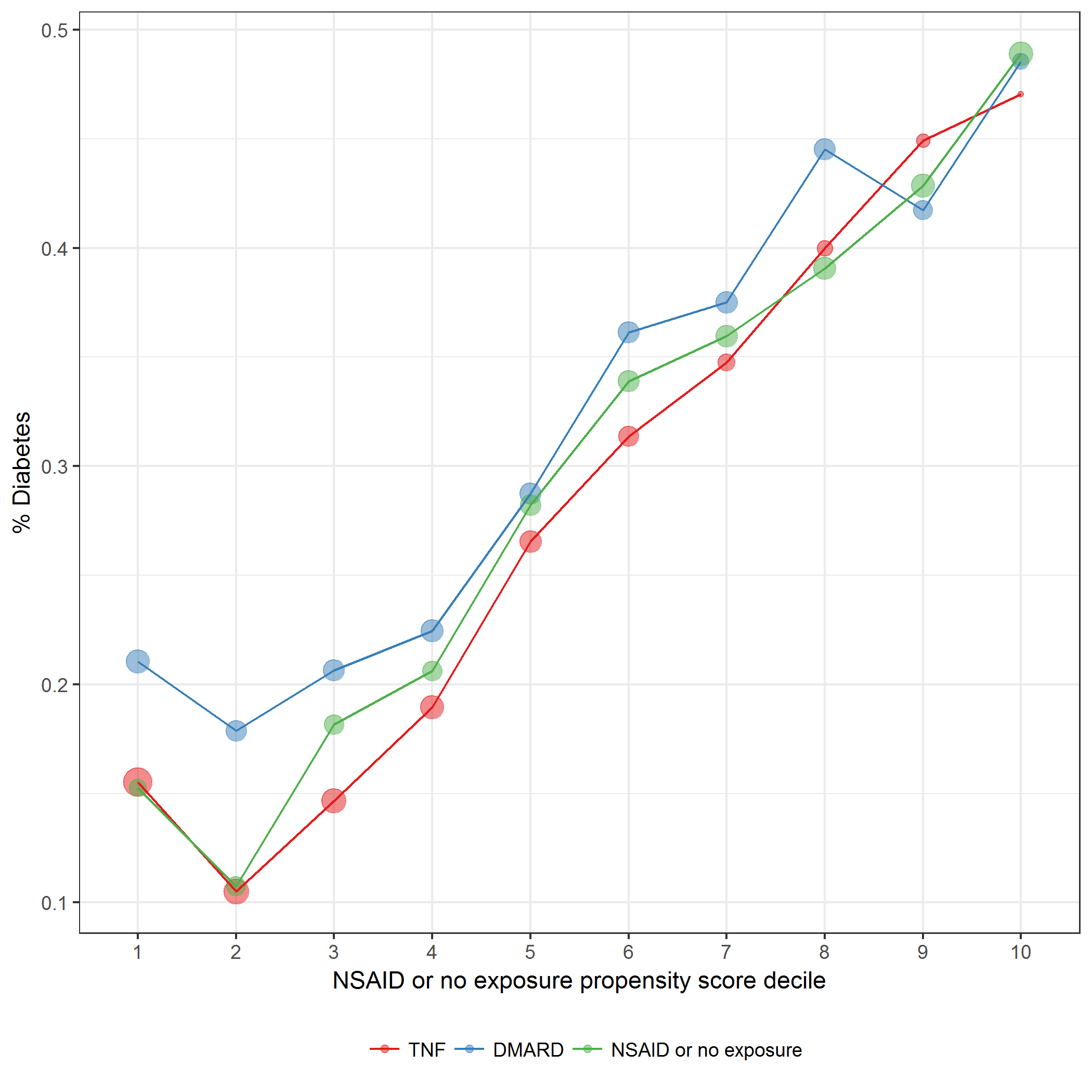


covarBalGender.png

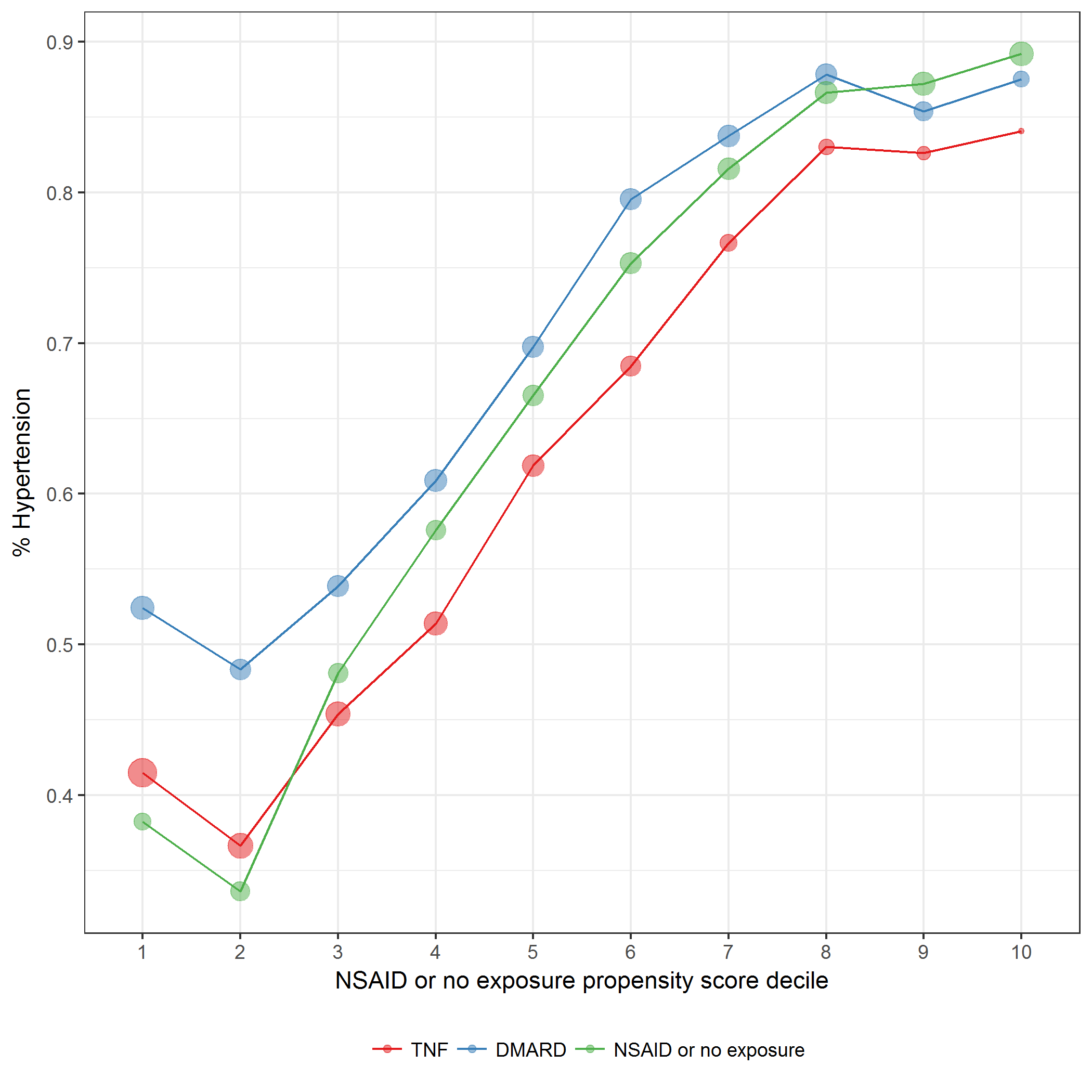


covarBalAge.png

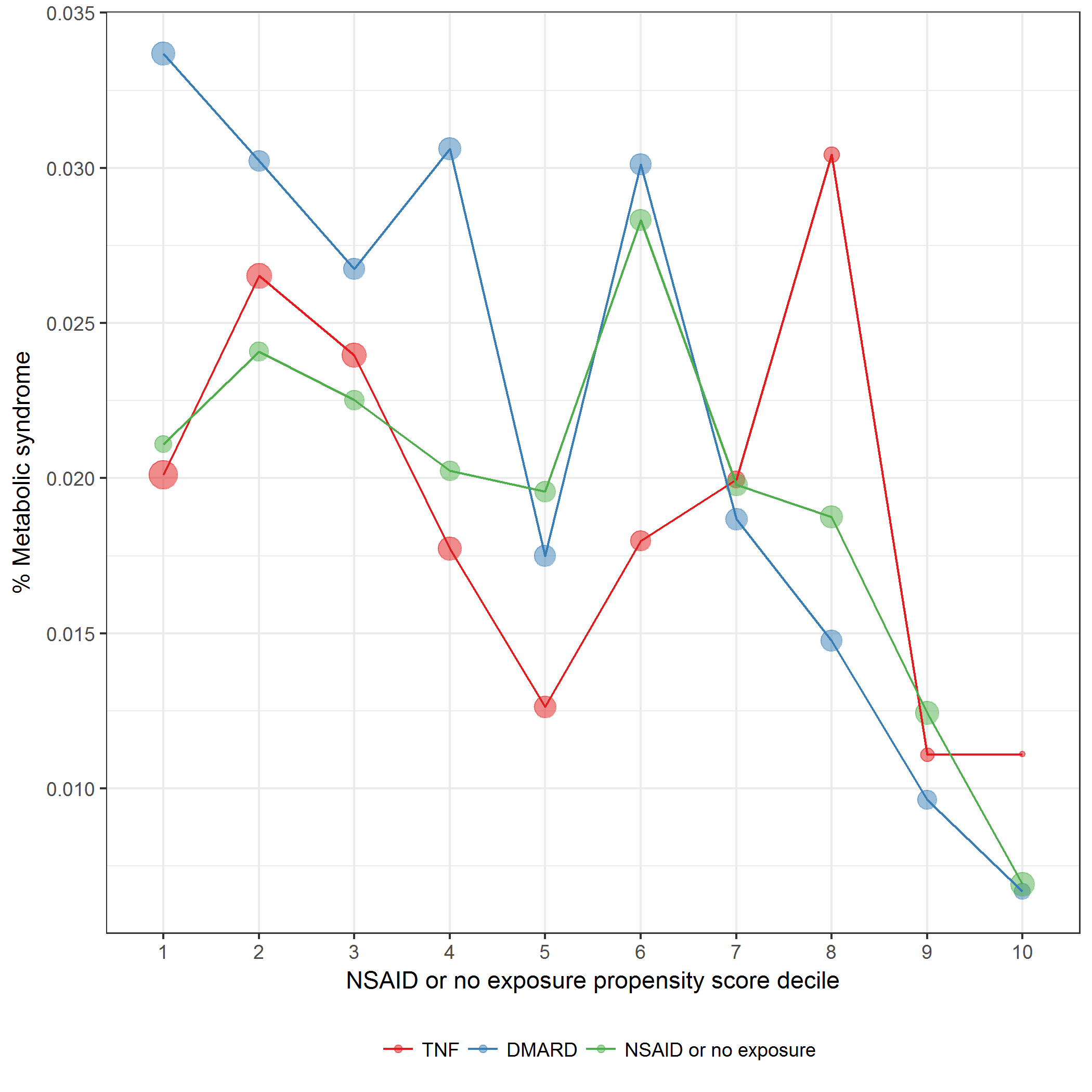
### Other covariates



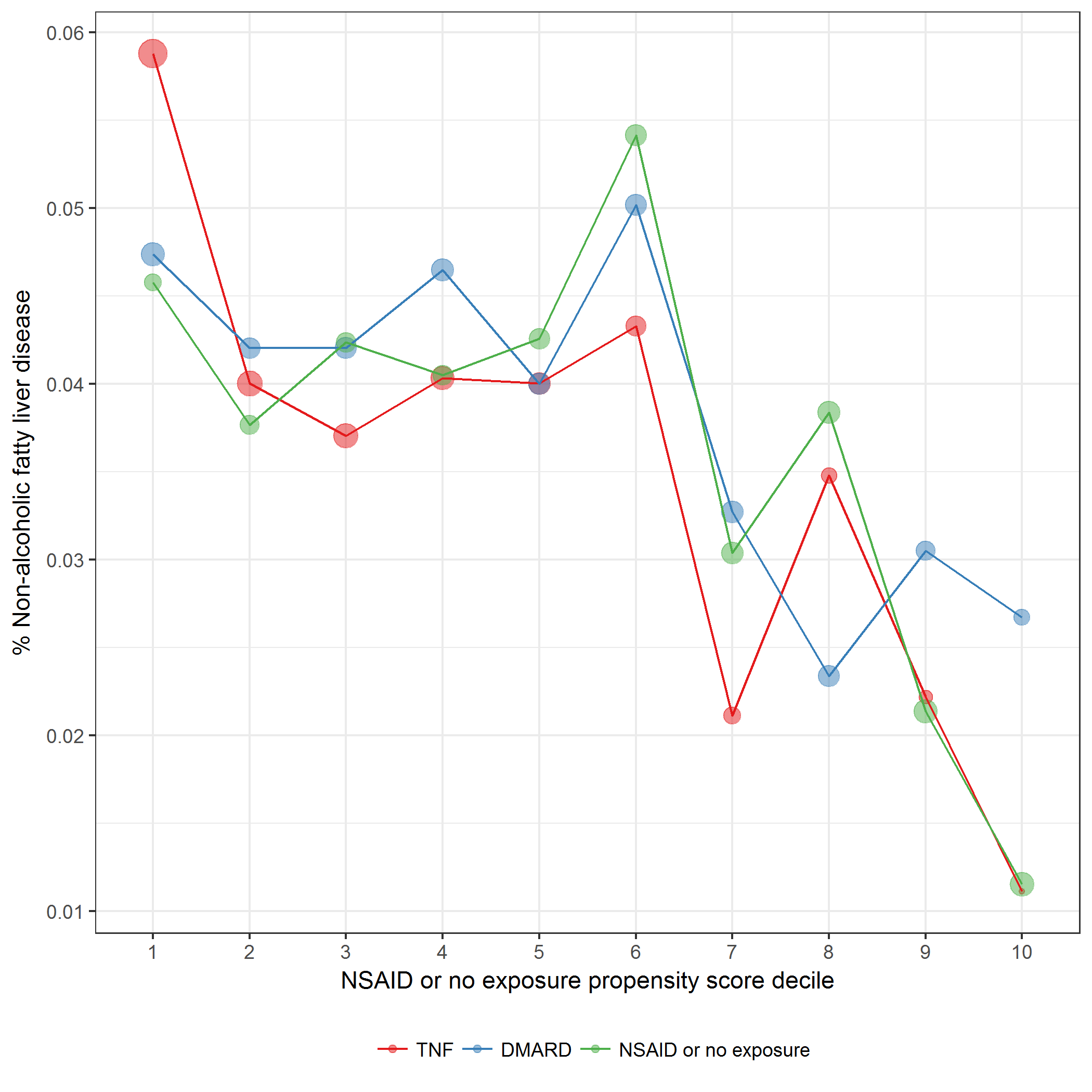
covarBalDiabetes.png



covarBalHT.png

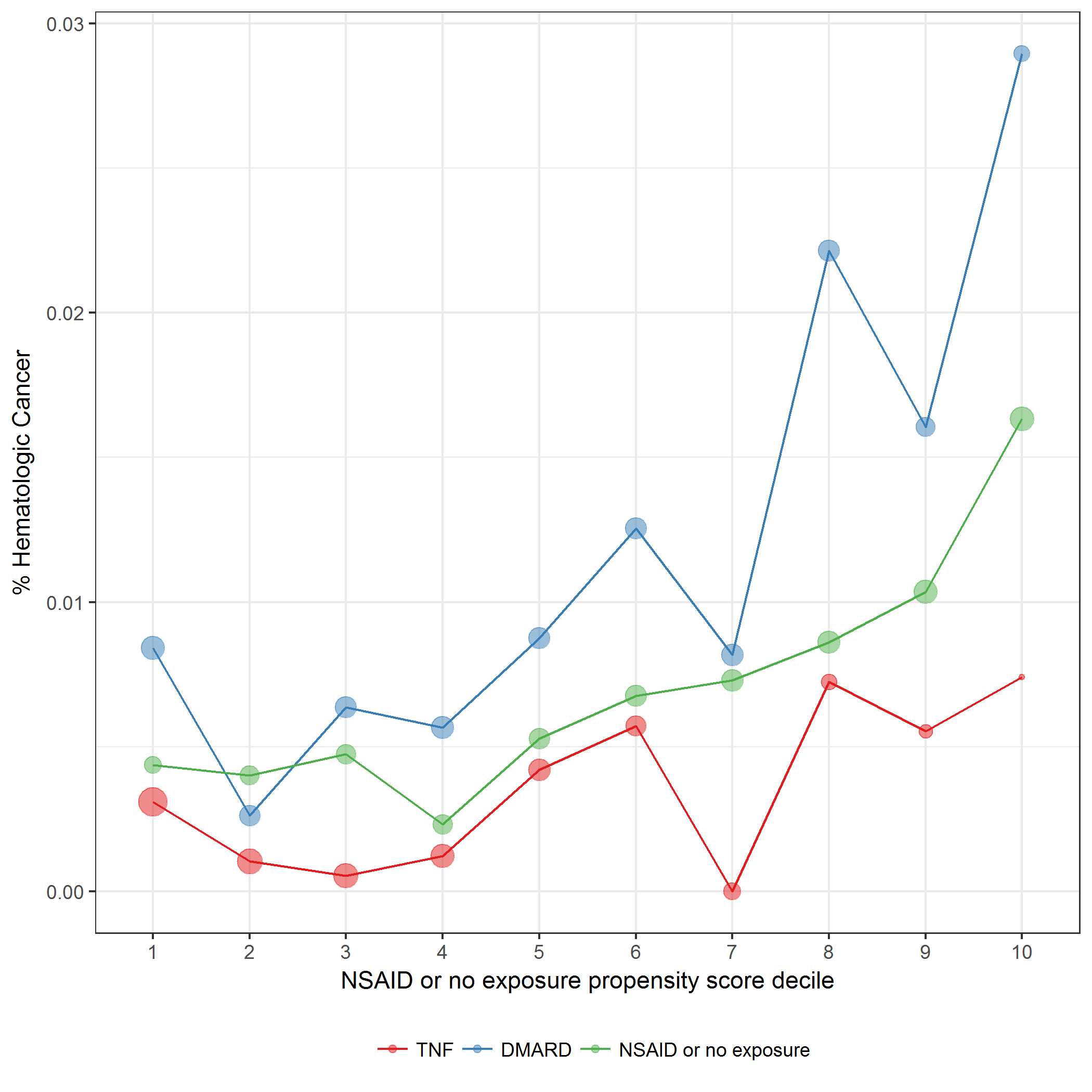


covarBalMetabSyn.png

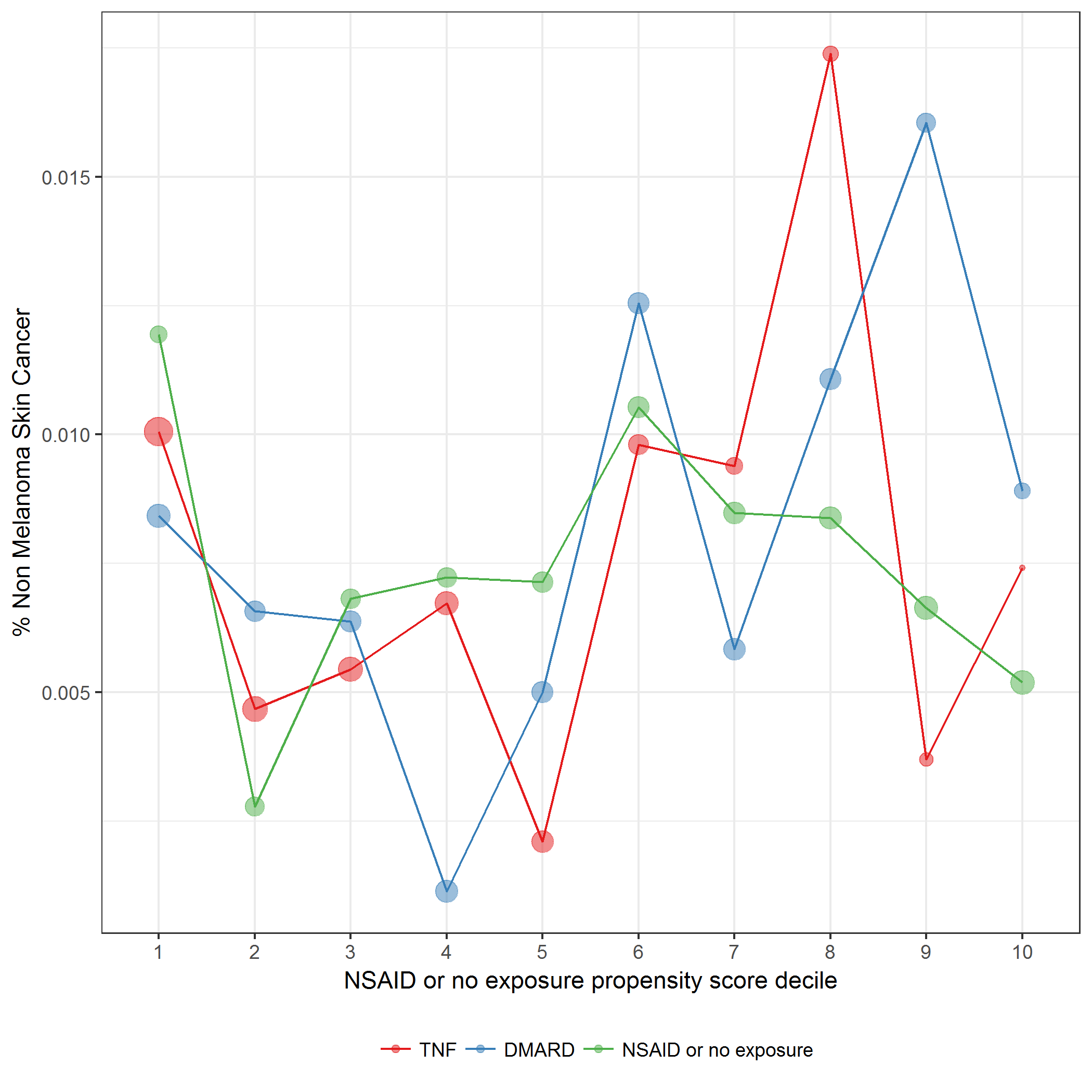


covarBalNAFattyLiverDis.png

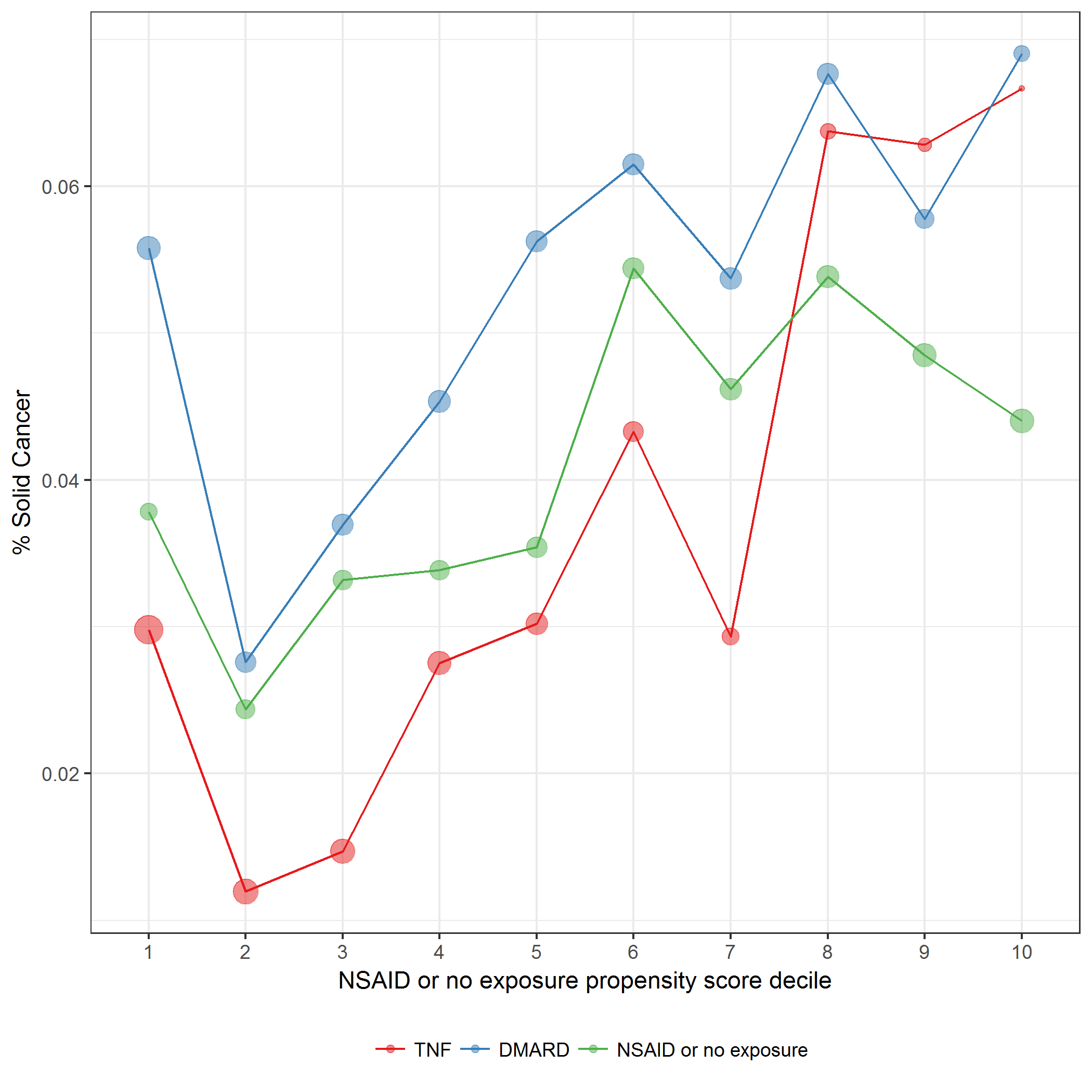
### Comorbidities



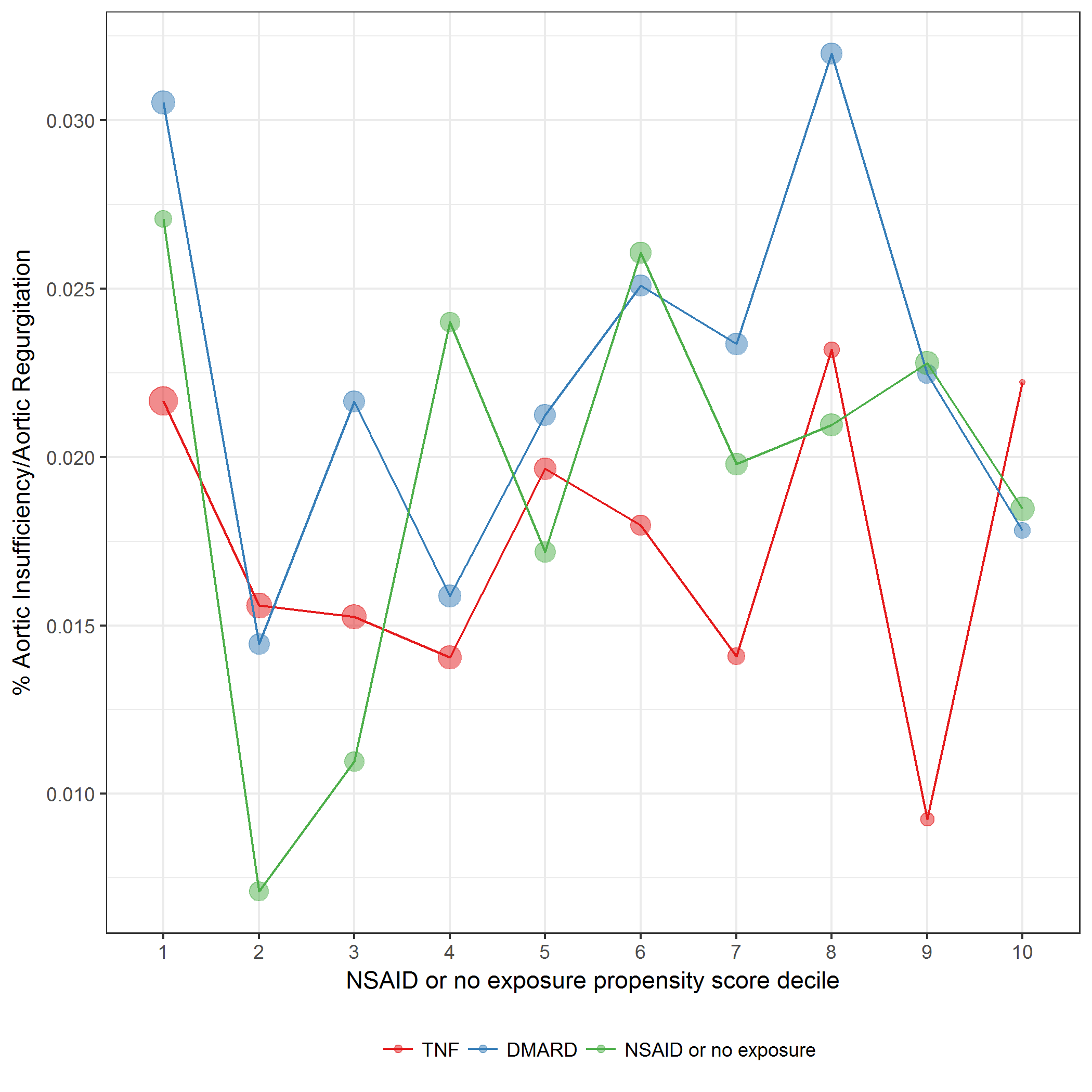
covarBalHematCa.png



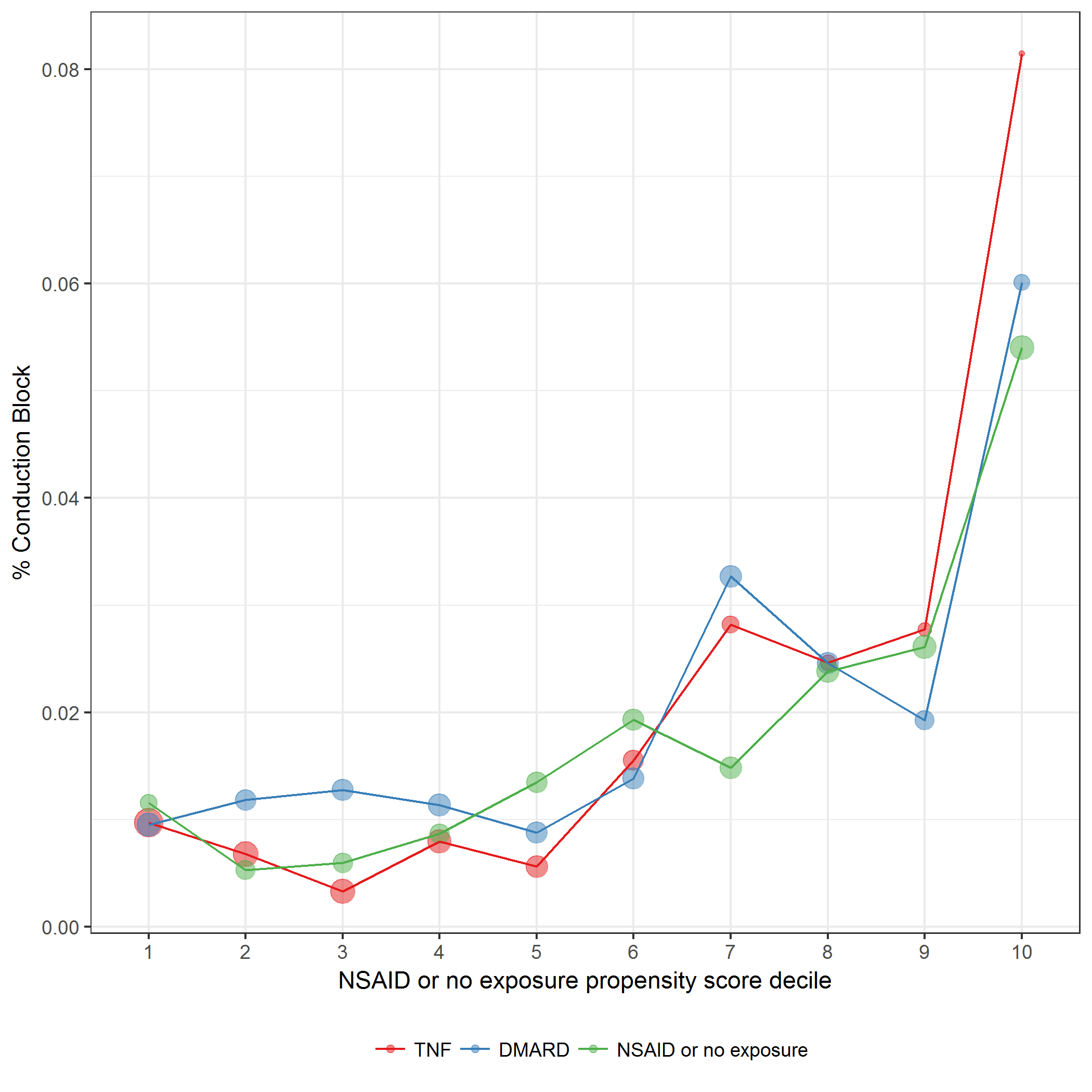
covarBalNMSC.png



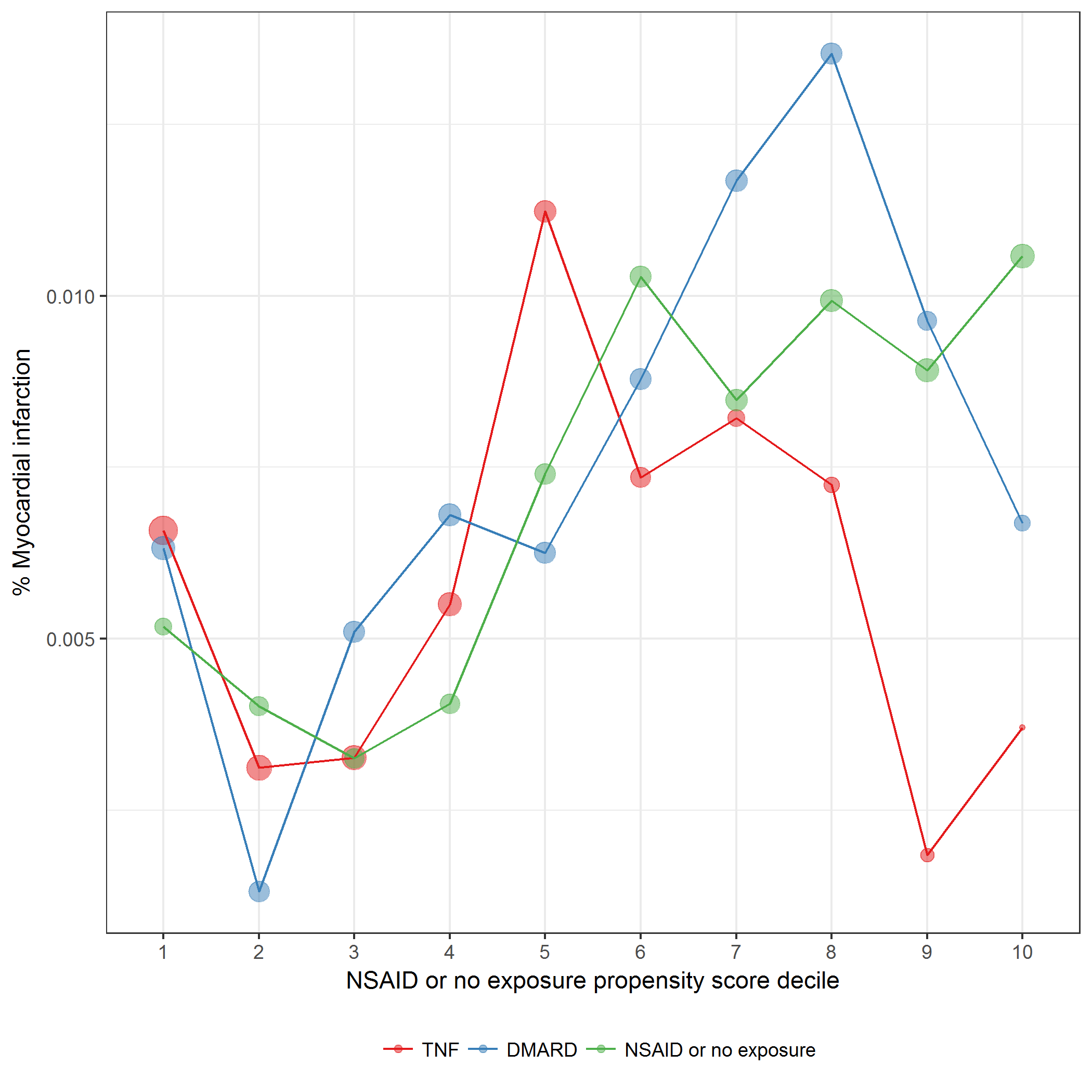
covarBalSolidCa.png



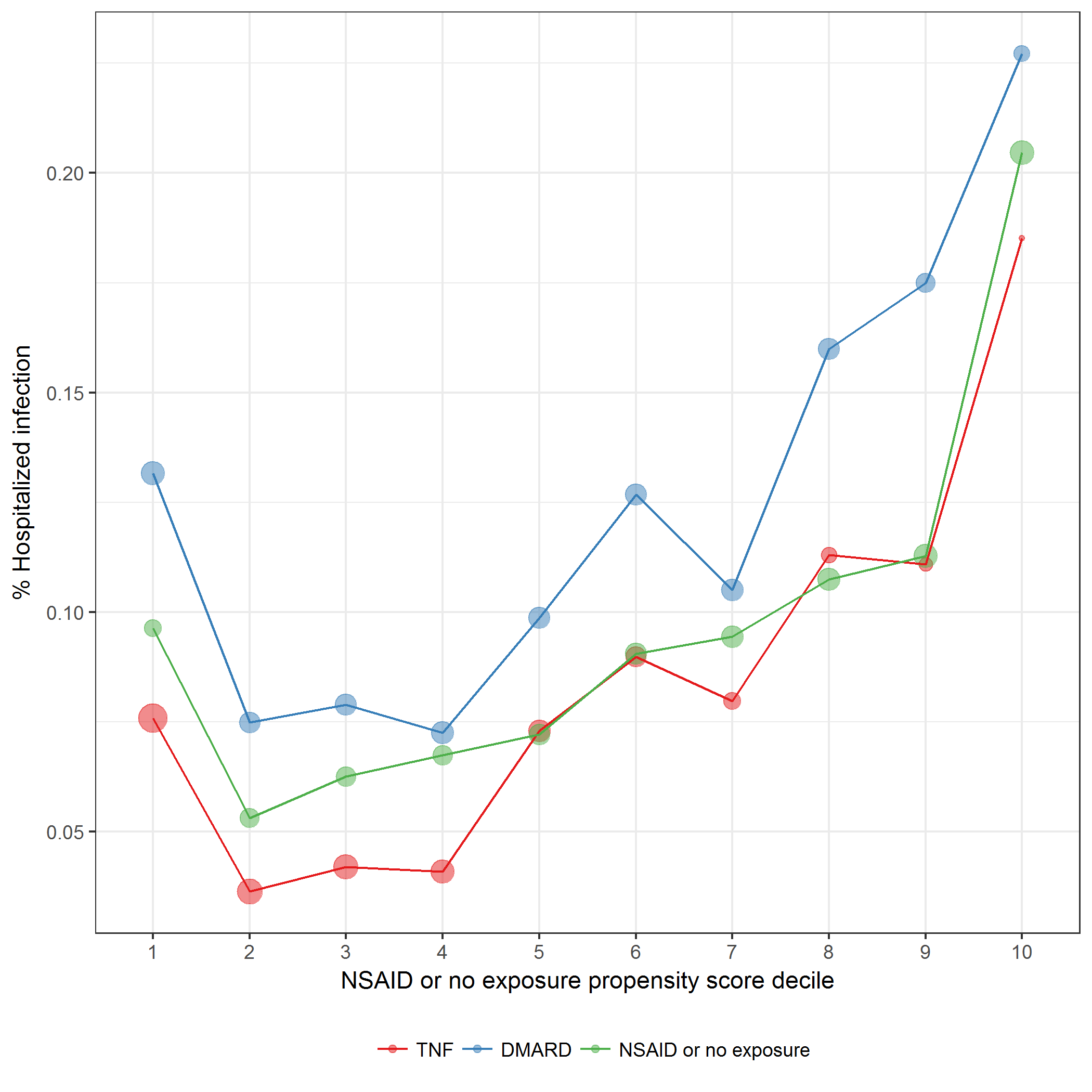
covarBalAortInsuffRegurg.png



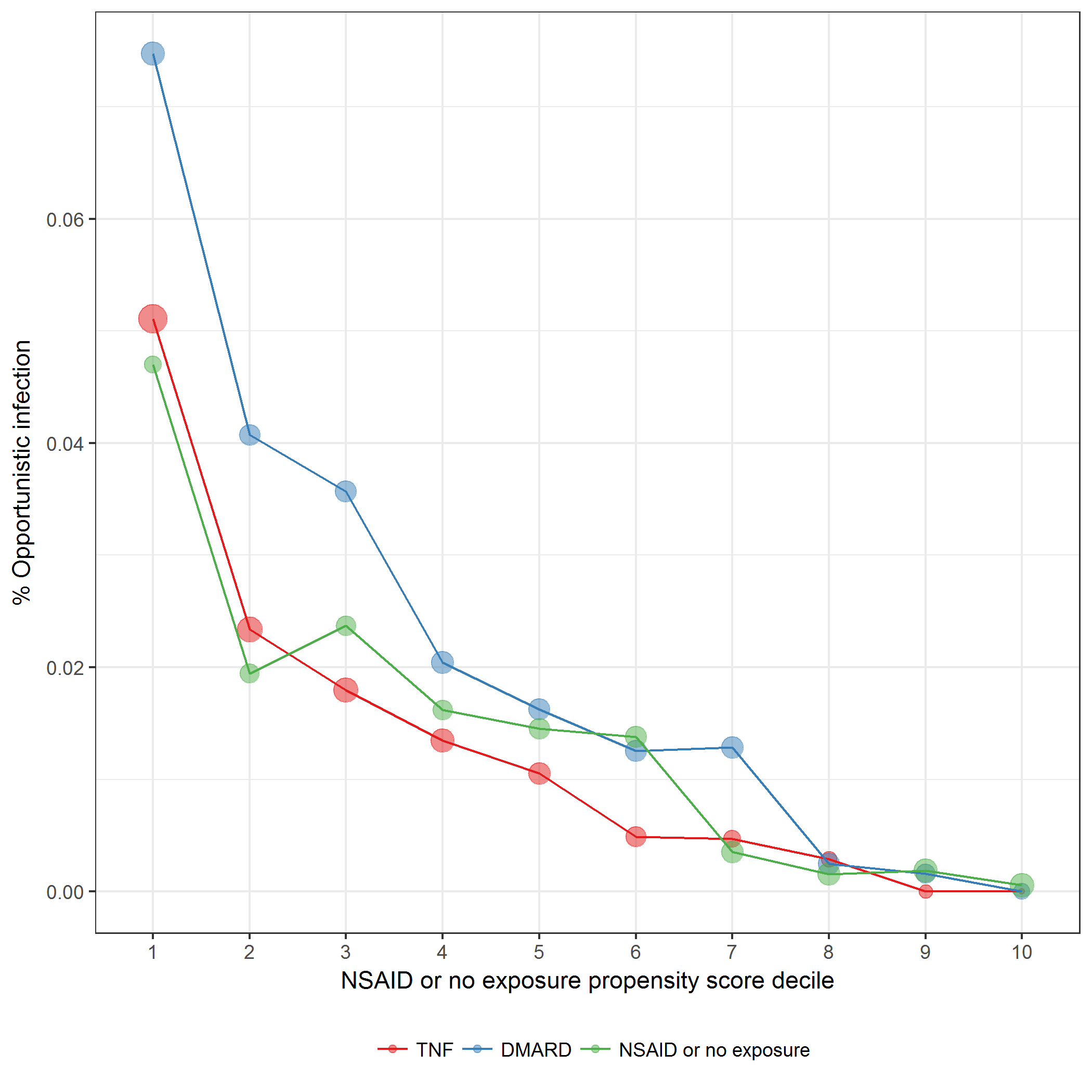
covarBalConductBlock.png



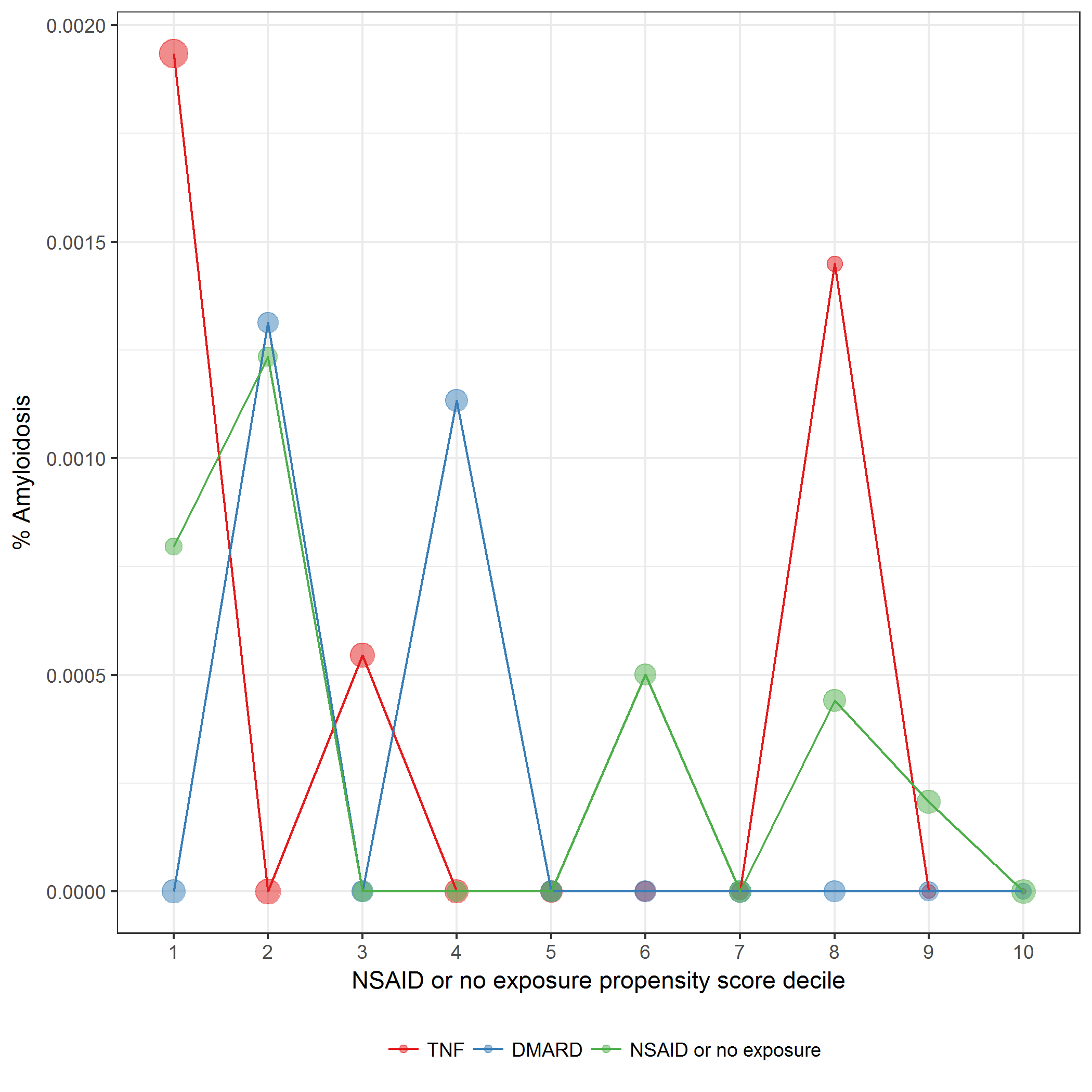
covarBalMI.png



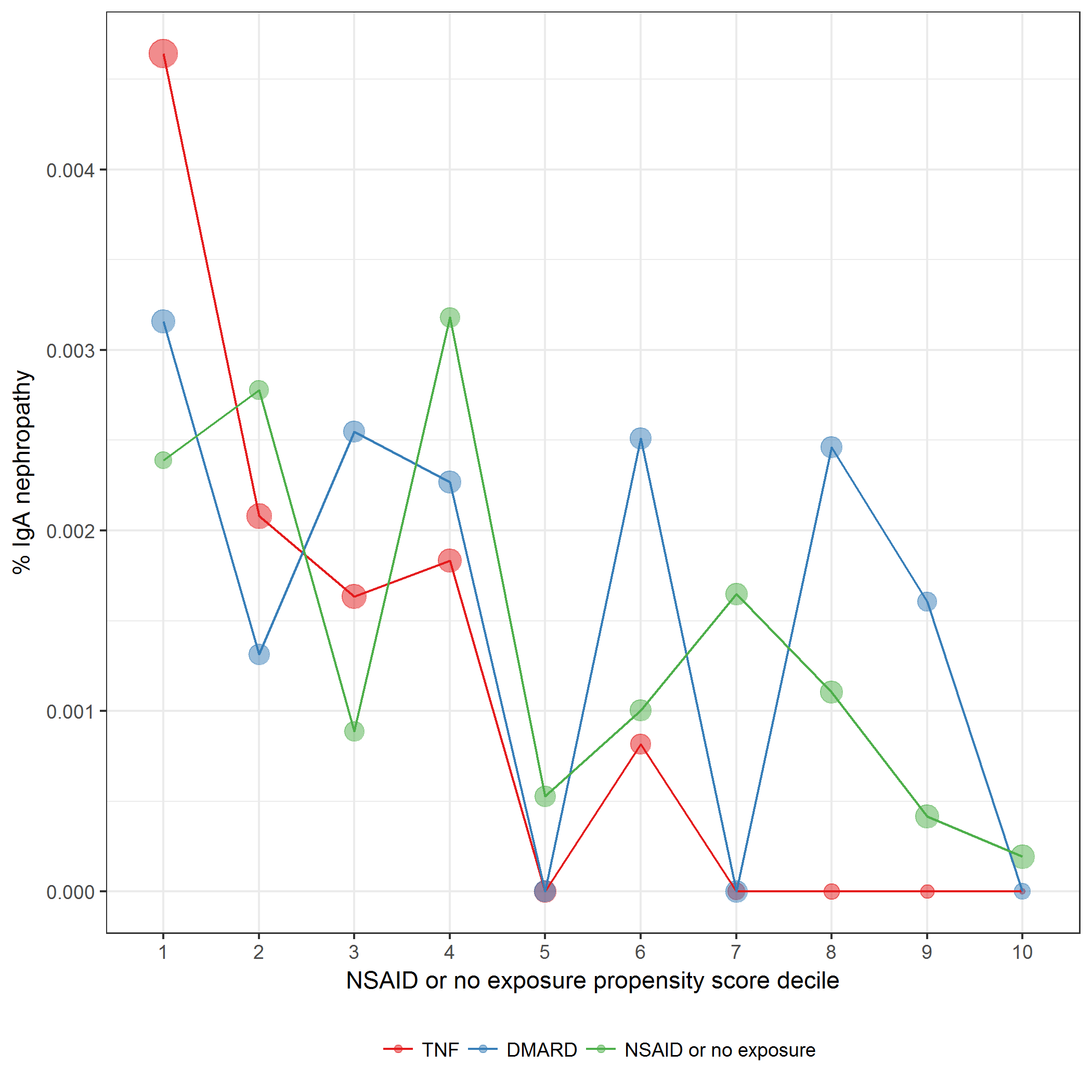
covarBalHospInf.png



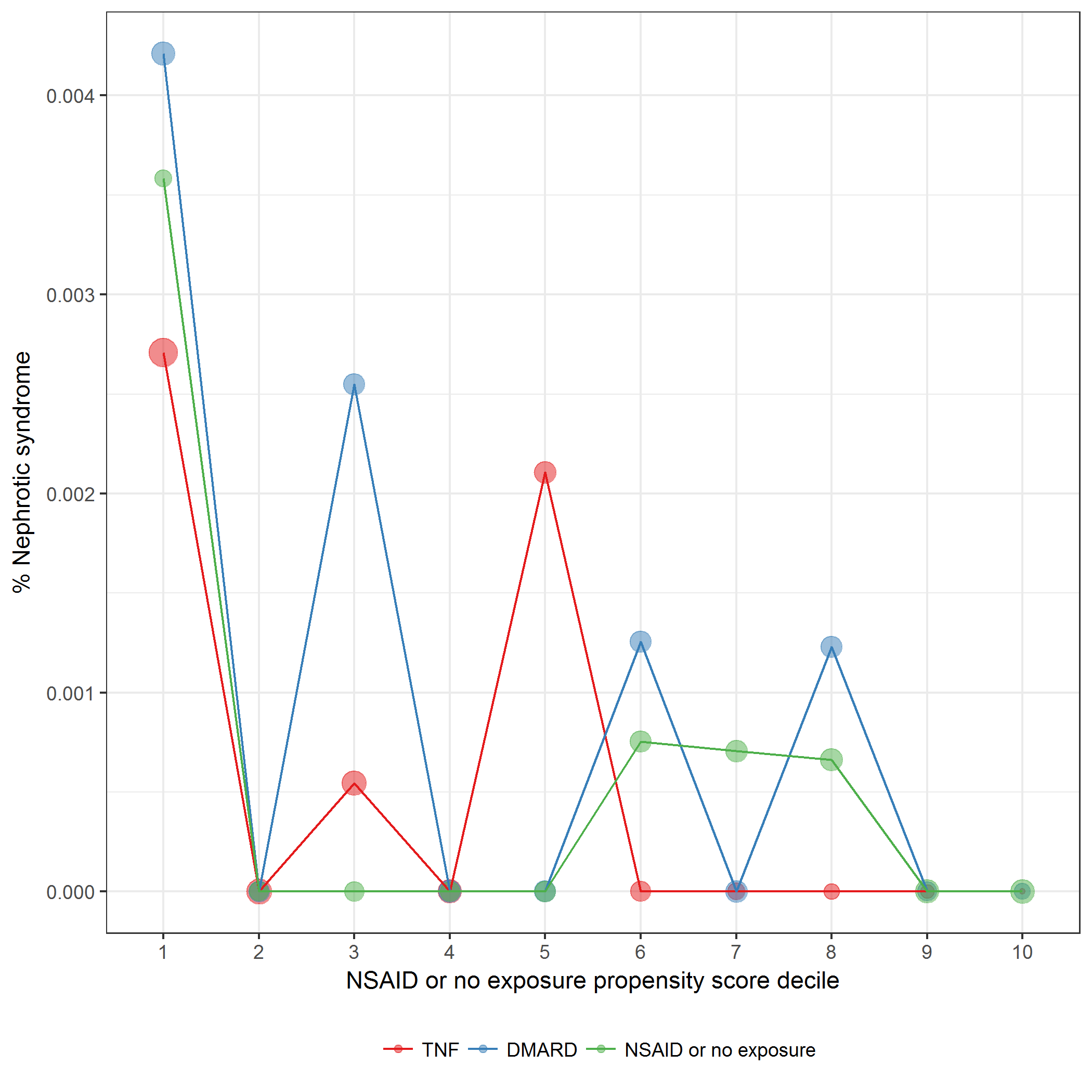
covarBalOppInf.png



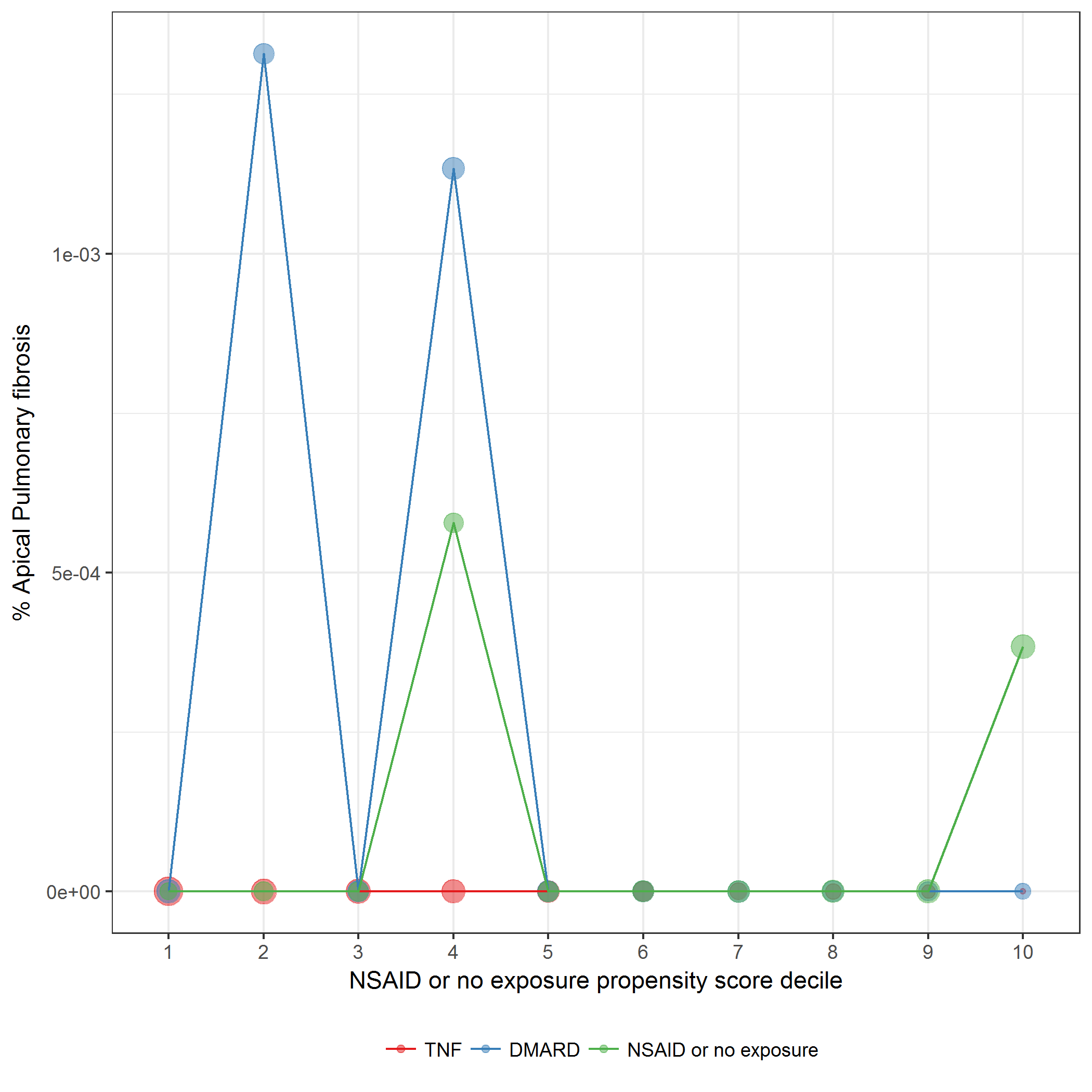
covarBalAmyloidosis.png



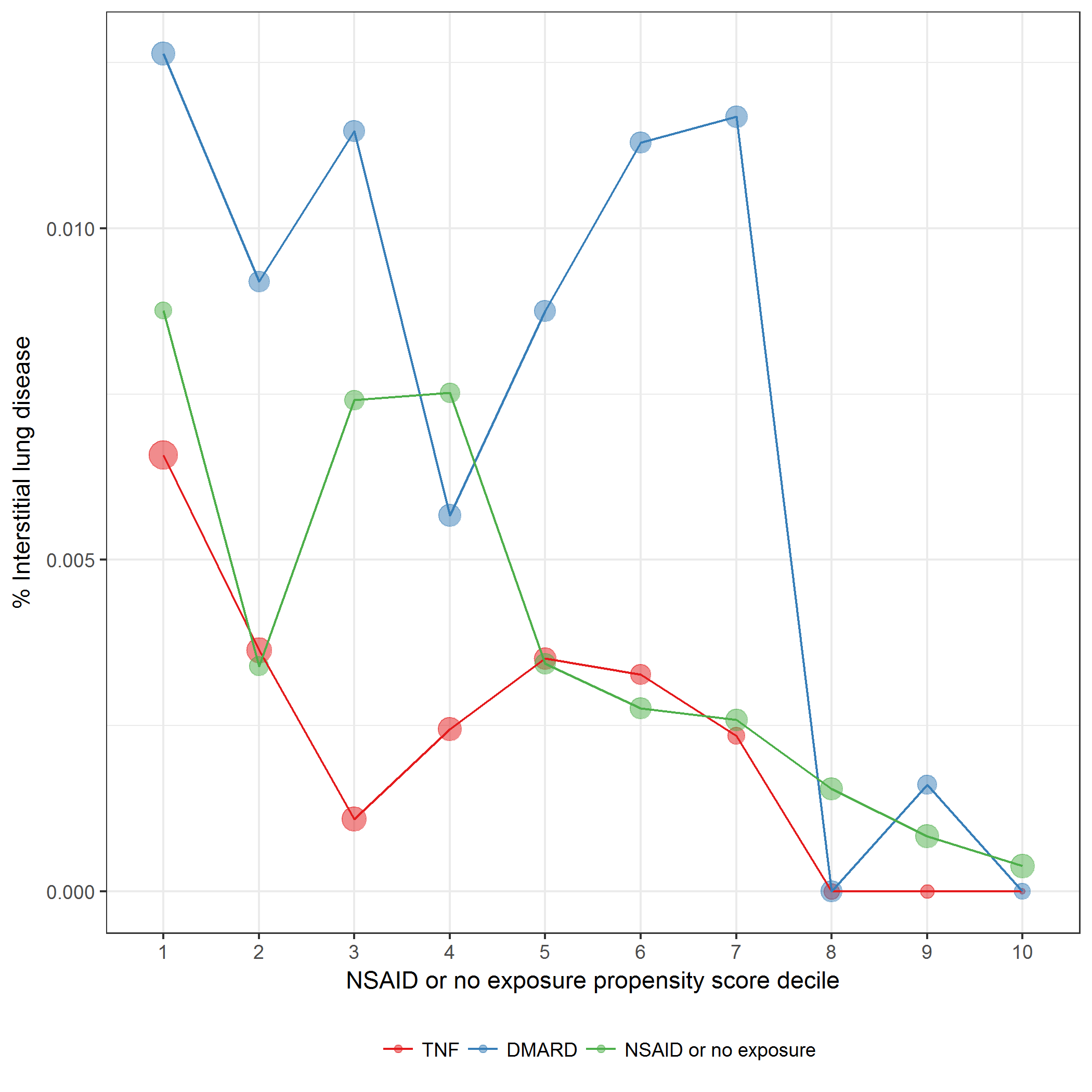
covarBalIgANeph.png



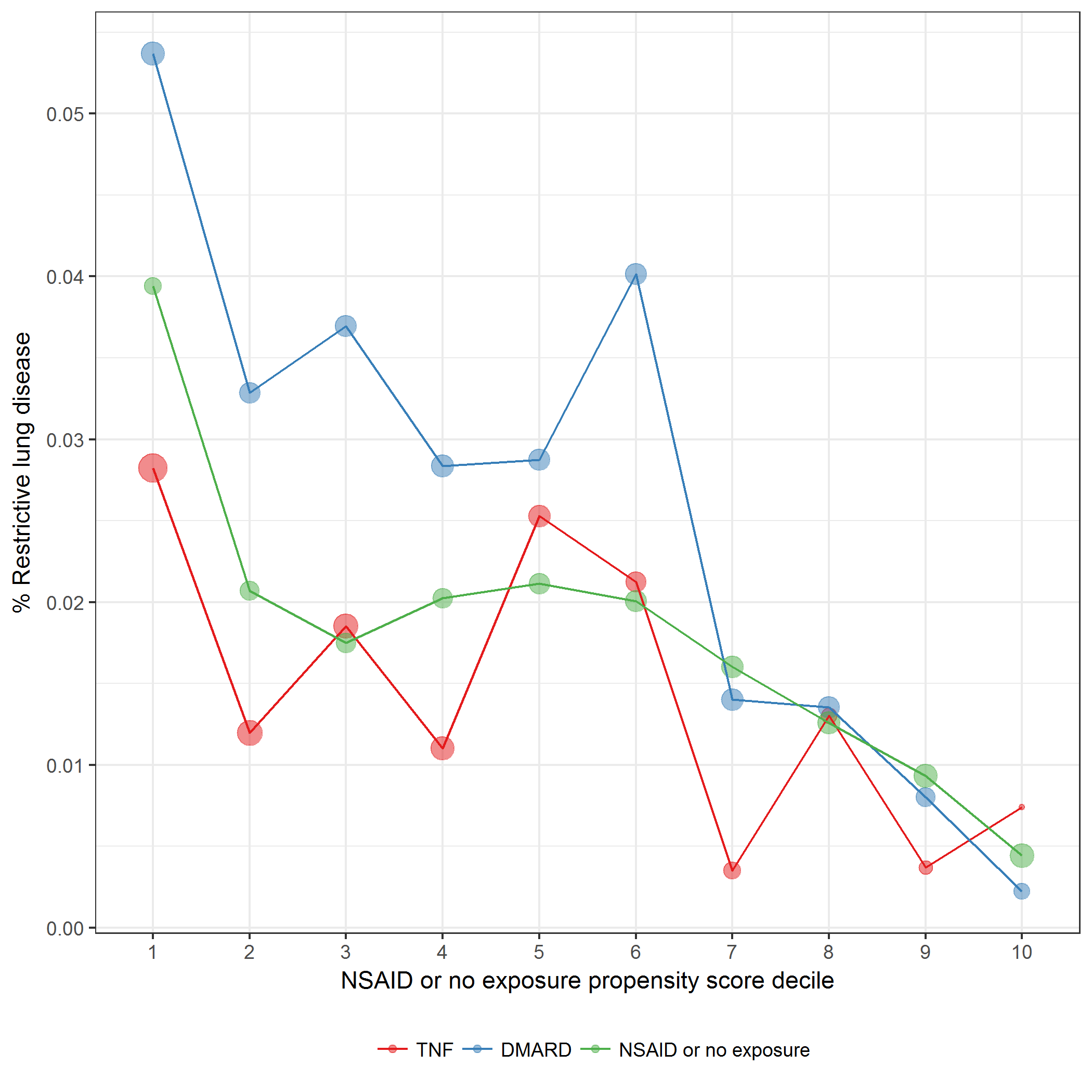
covarBalNephSyn.png



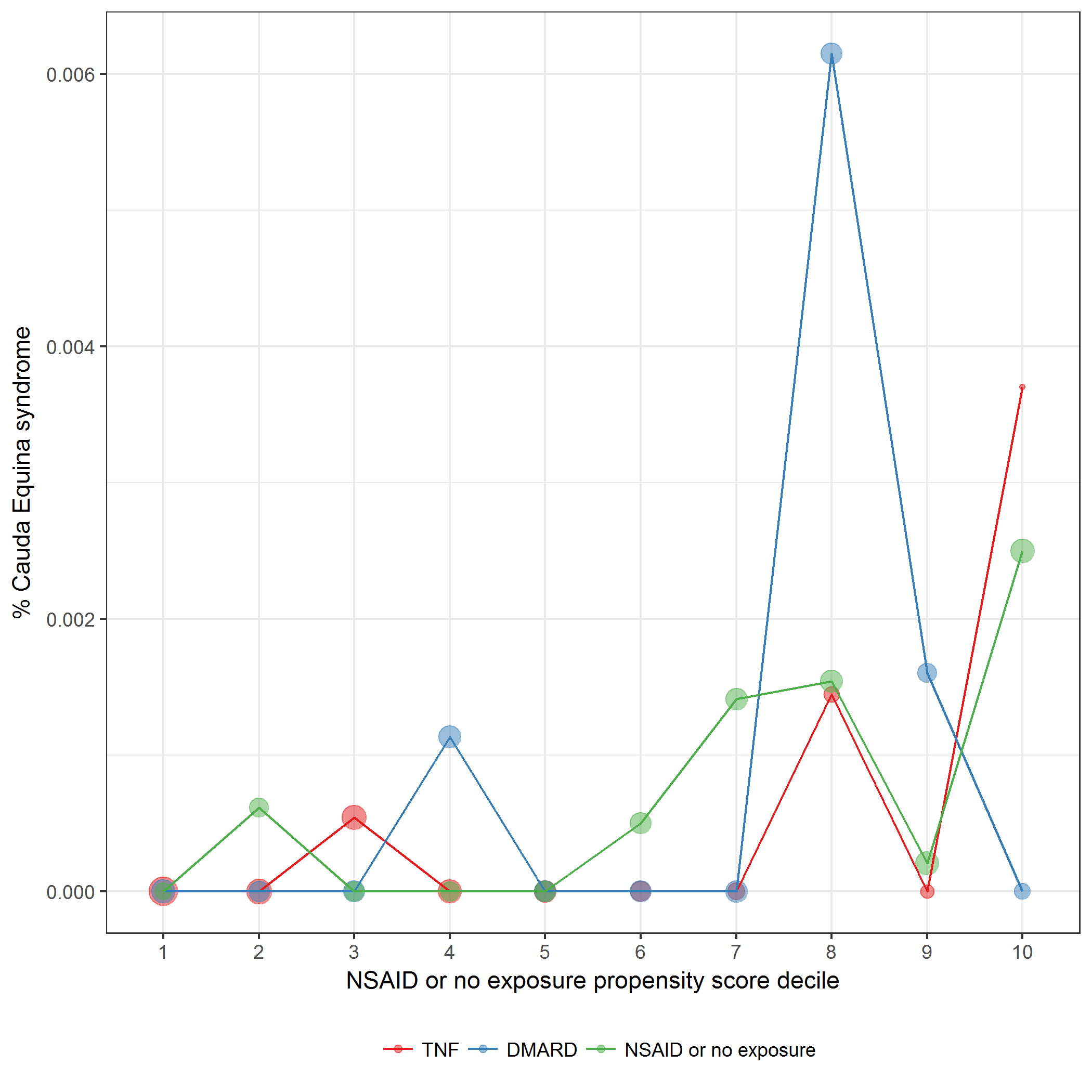
covarBalApicalPulmFib.png



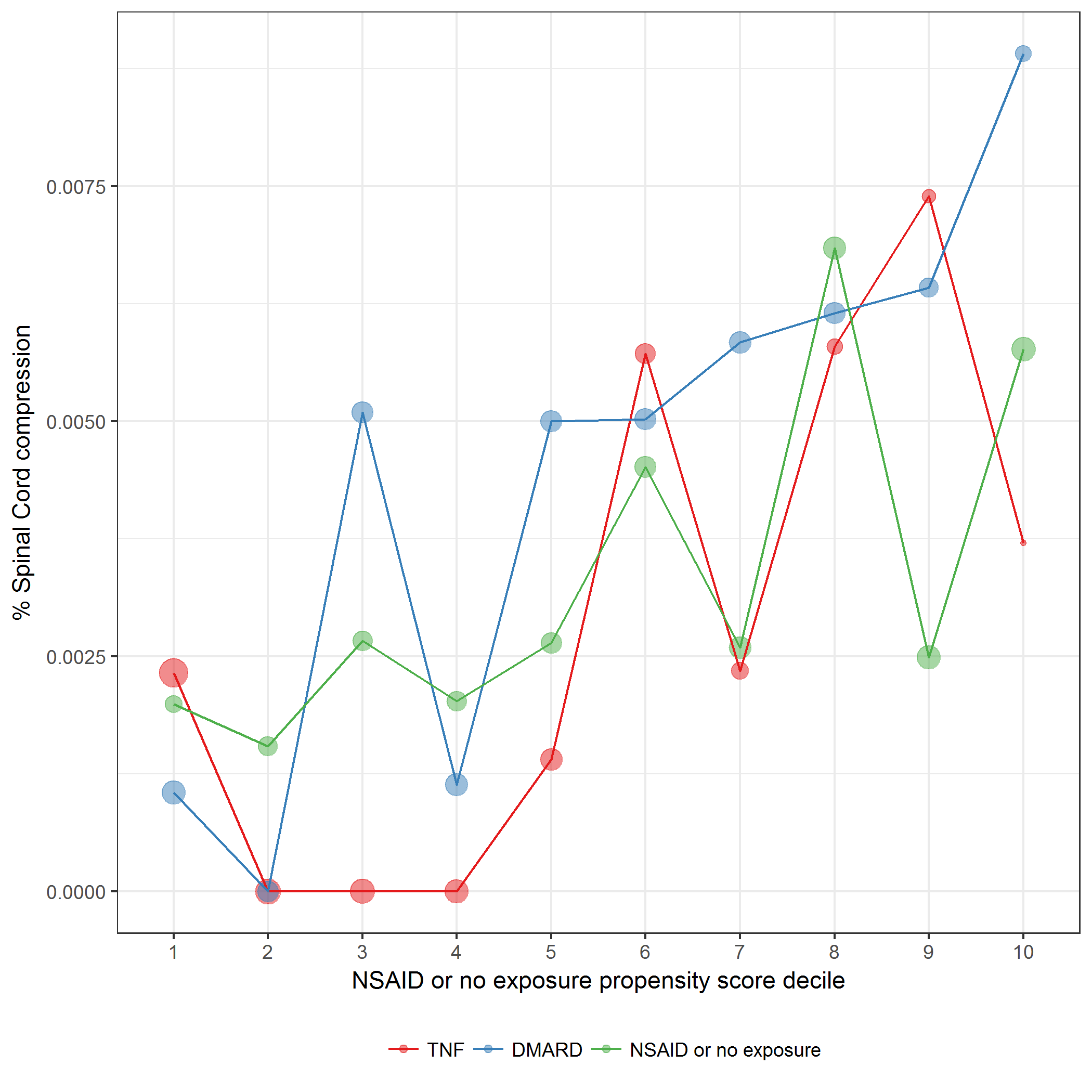
covarBalInterstLungDis.png



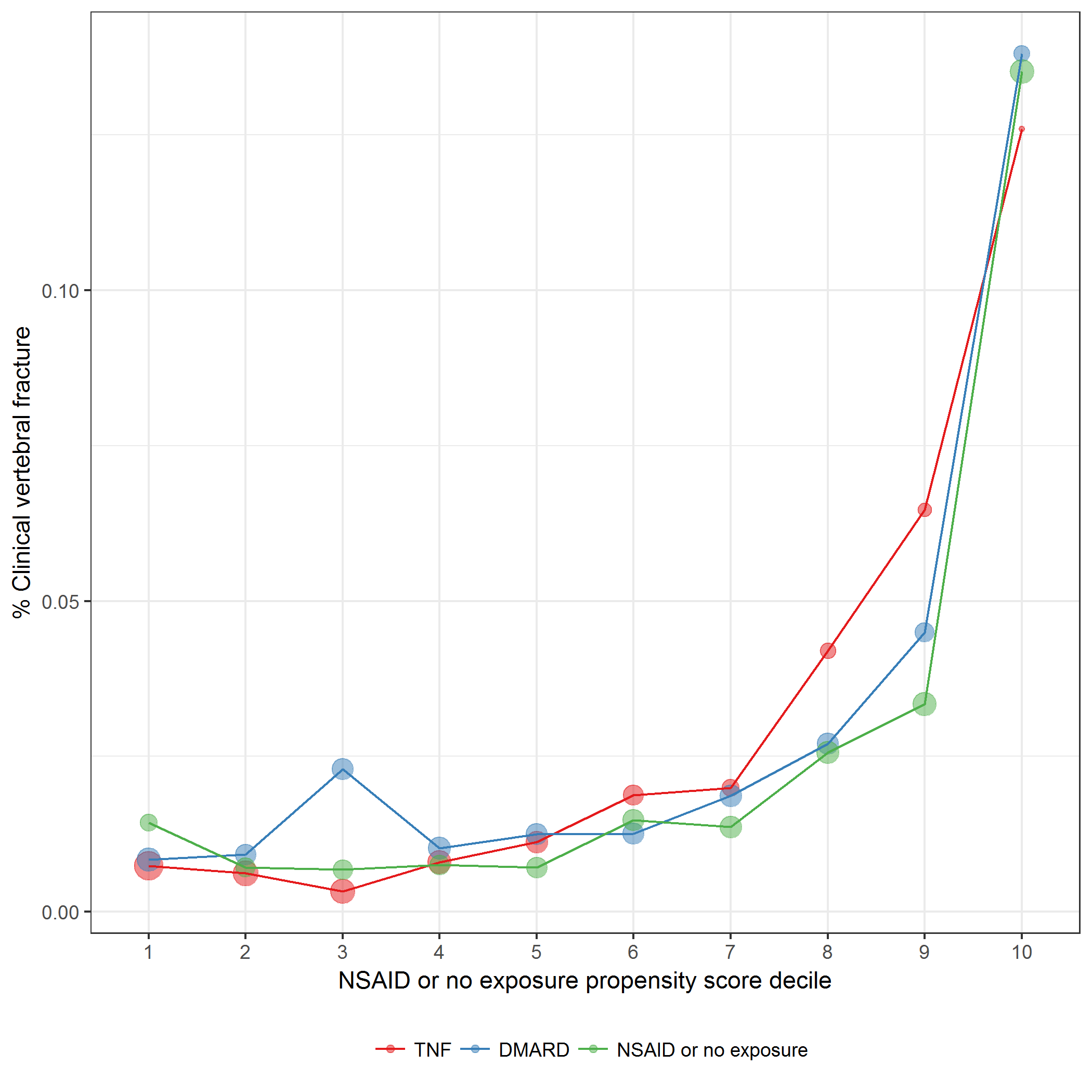
covarBalRestrictLungDis.png



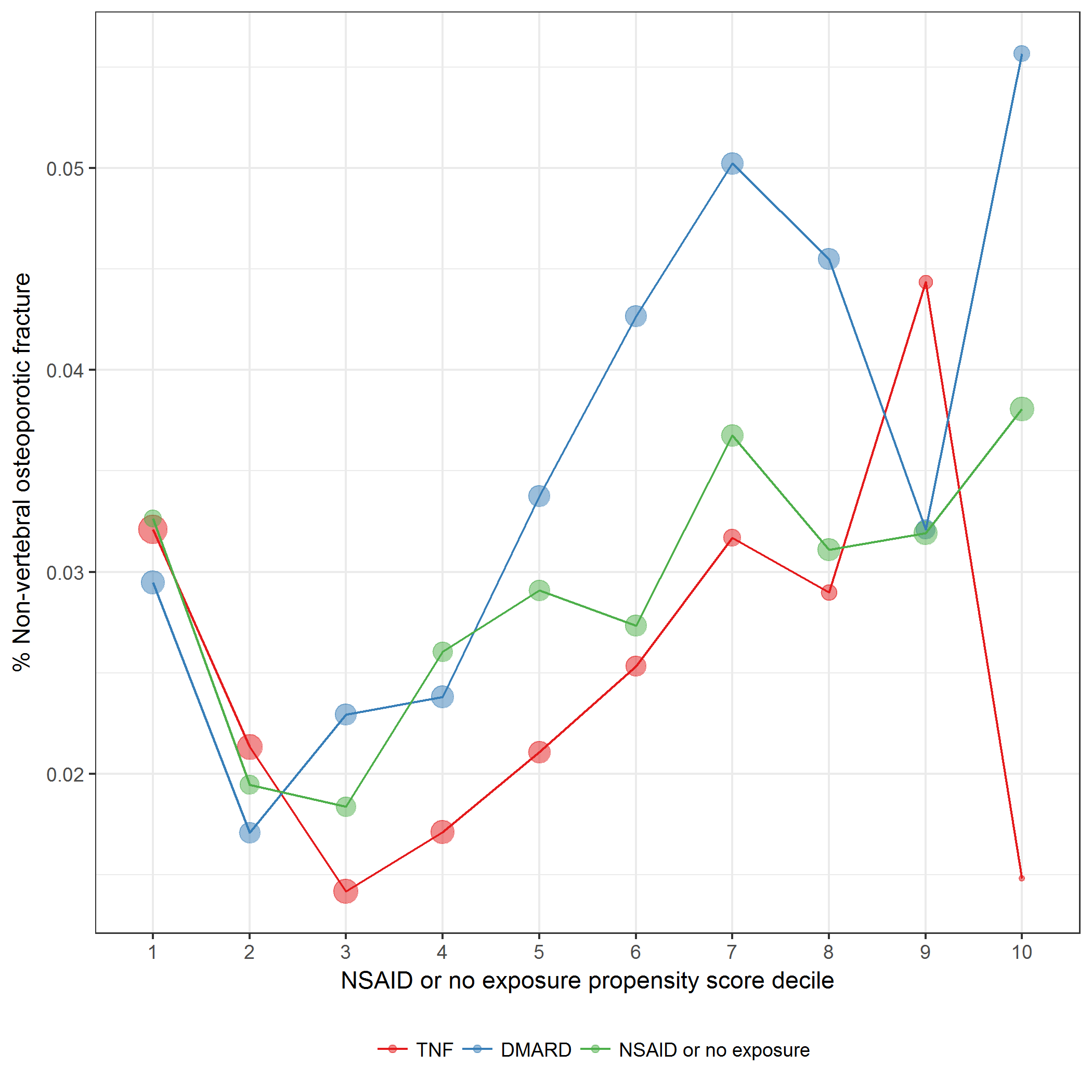
covarBalCaudaEquina.png



covarBalSpinalCordComp.png

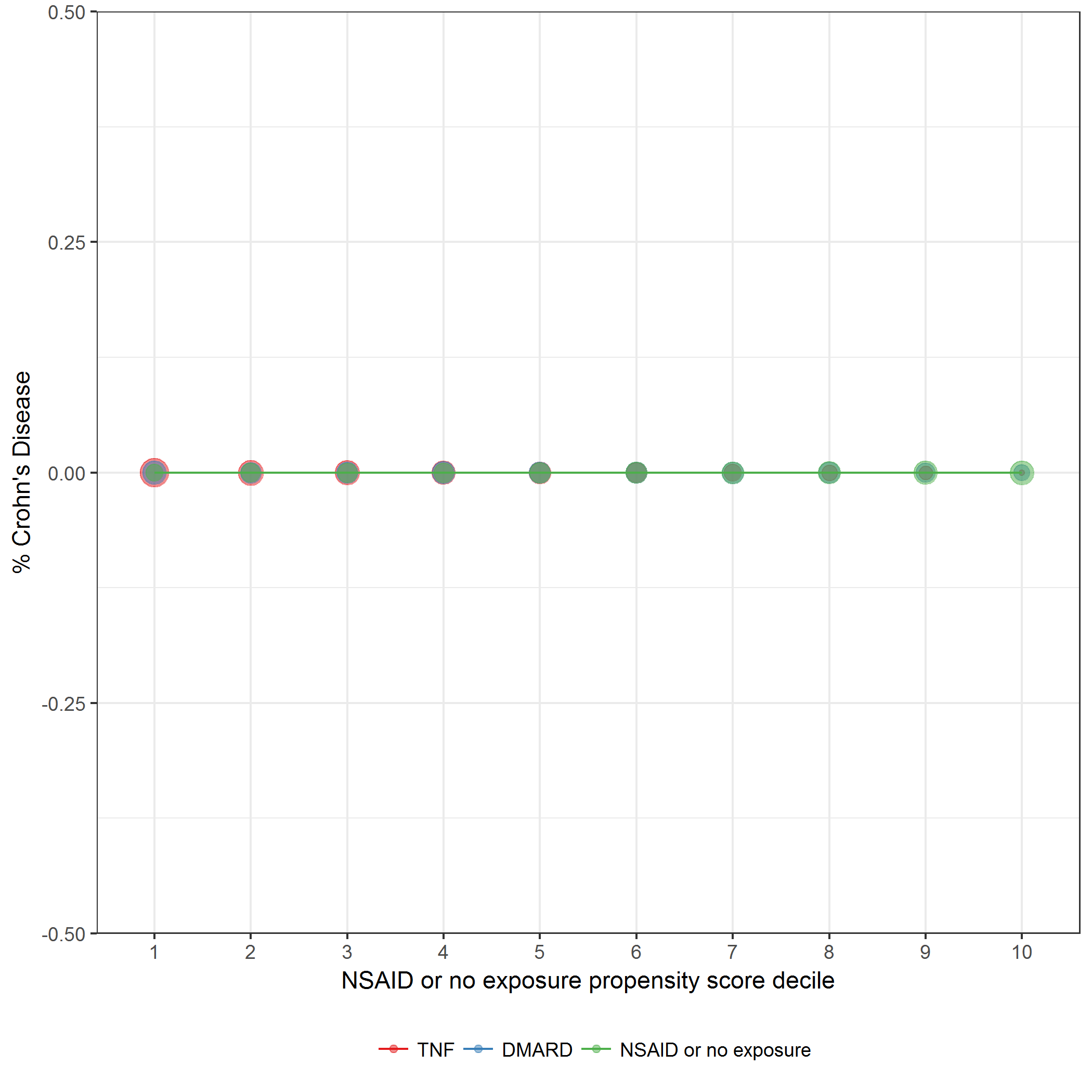


covarBalVertFrac.png

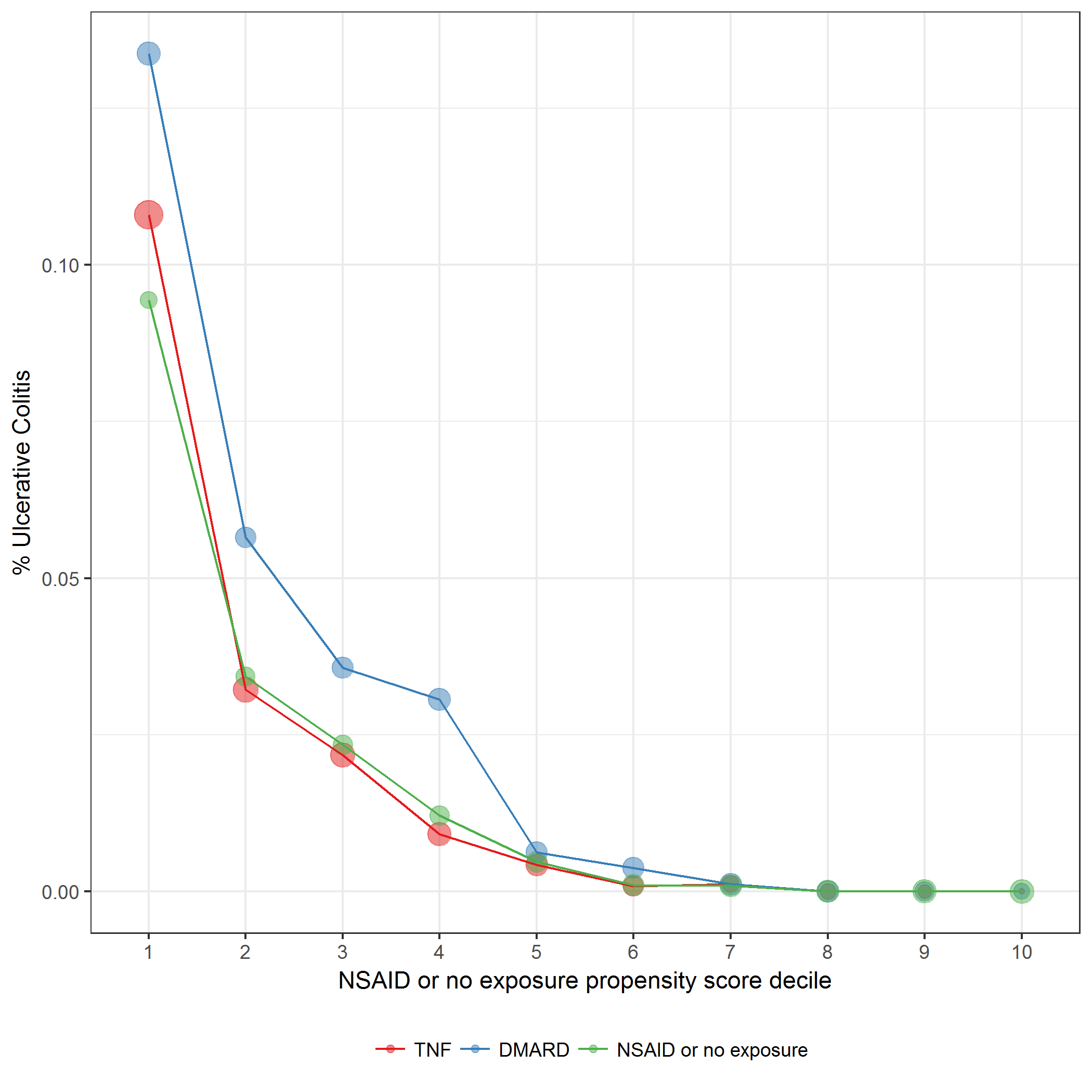


covarBalNonVertOsFrac.png

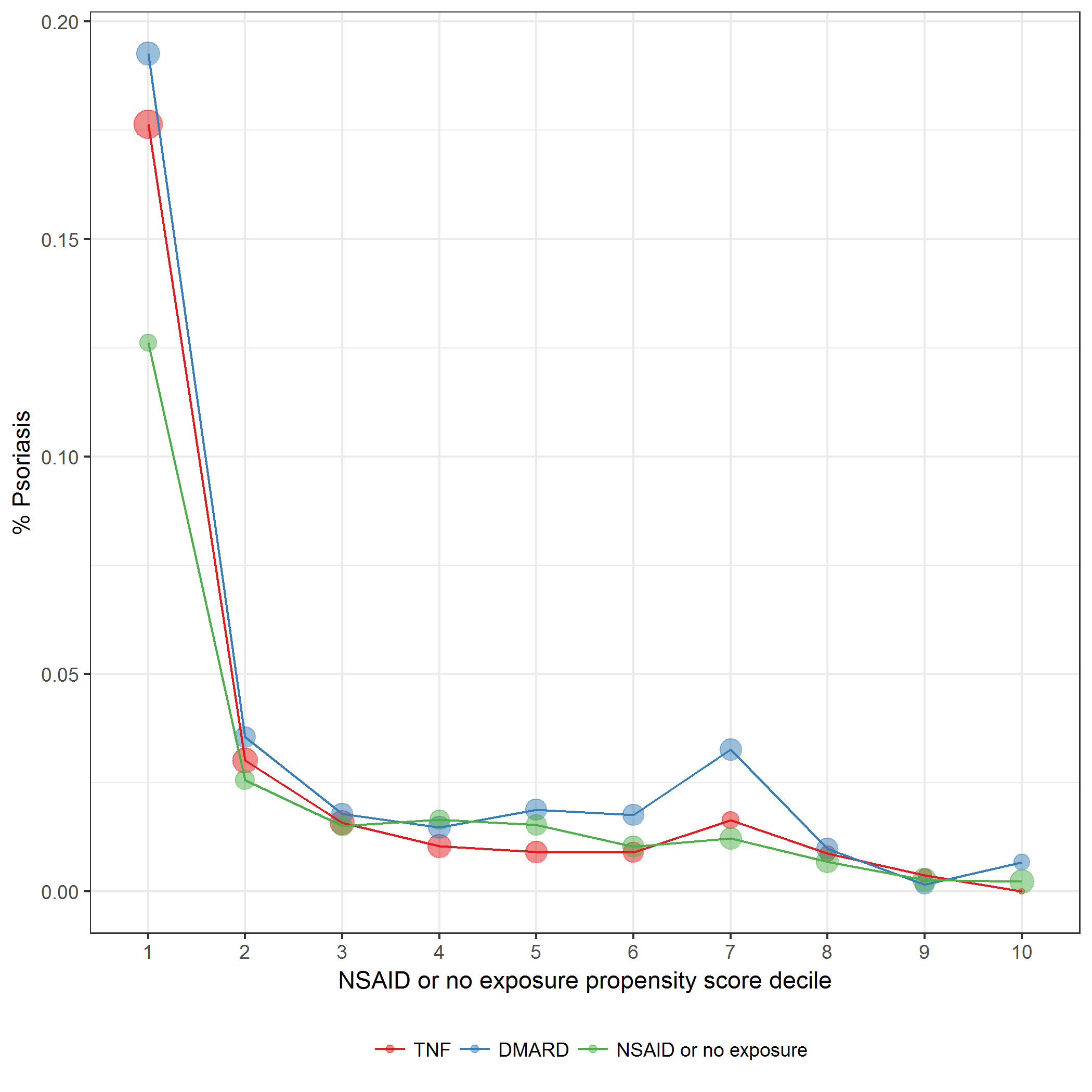
### Extra-articular manifestations (EAMs)



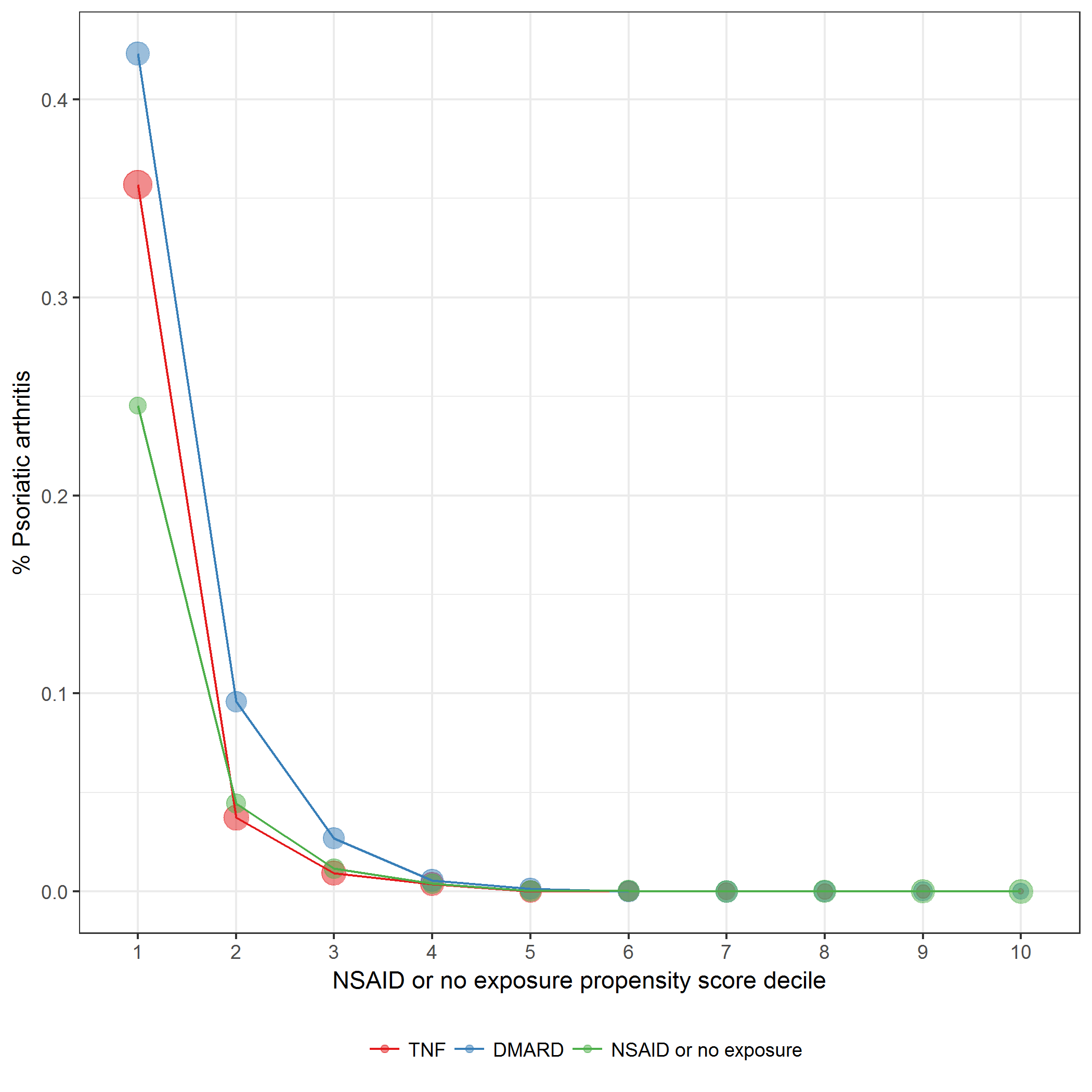
covarBalCrohnsDis.png



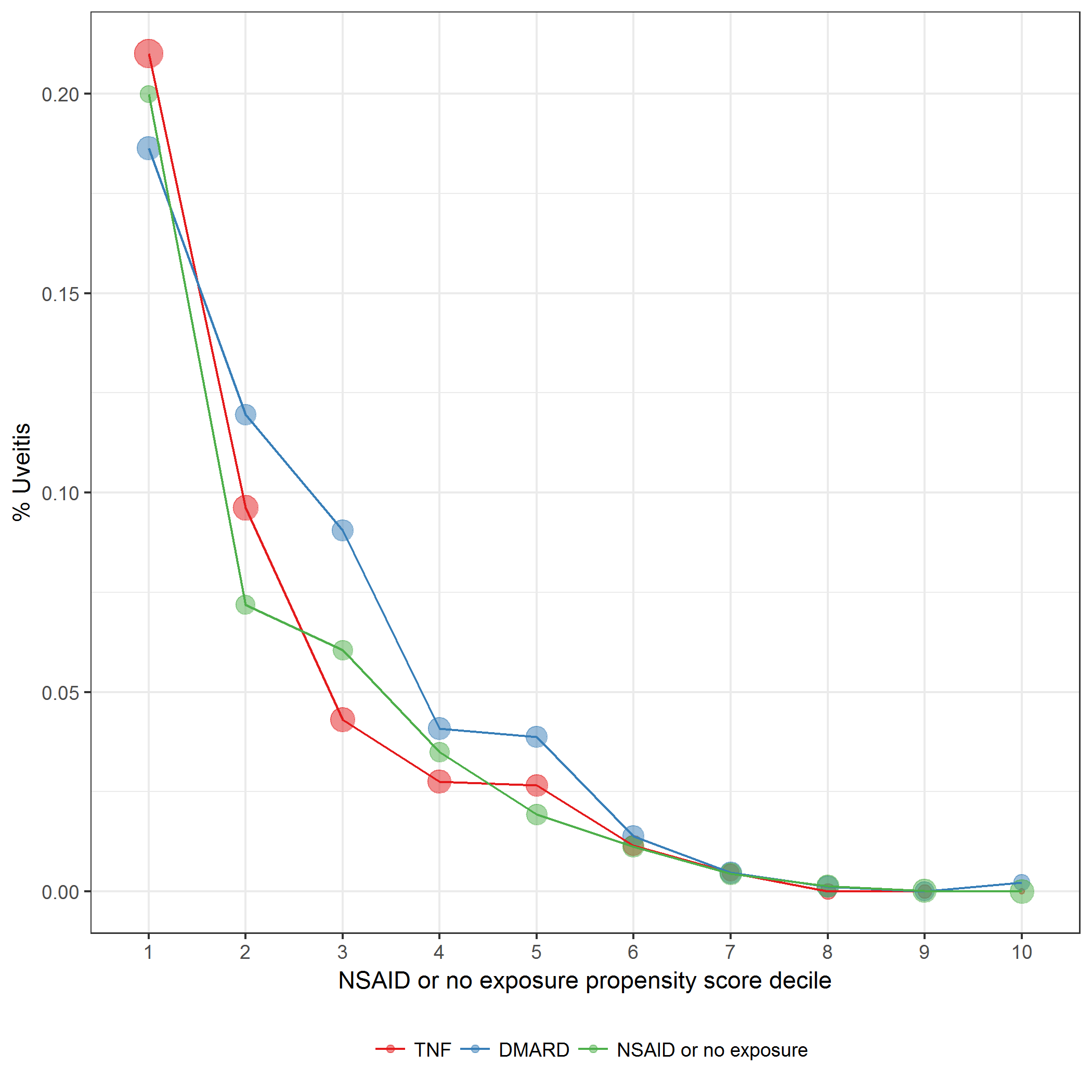
covarBalUlcerColitis.png



covarBalPsoriasis.png



covarBalPSA.png



covarBalUveitis.png