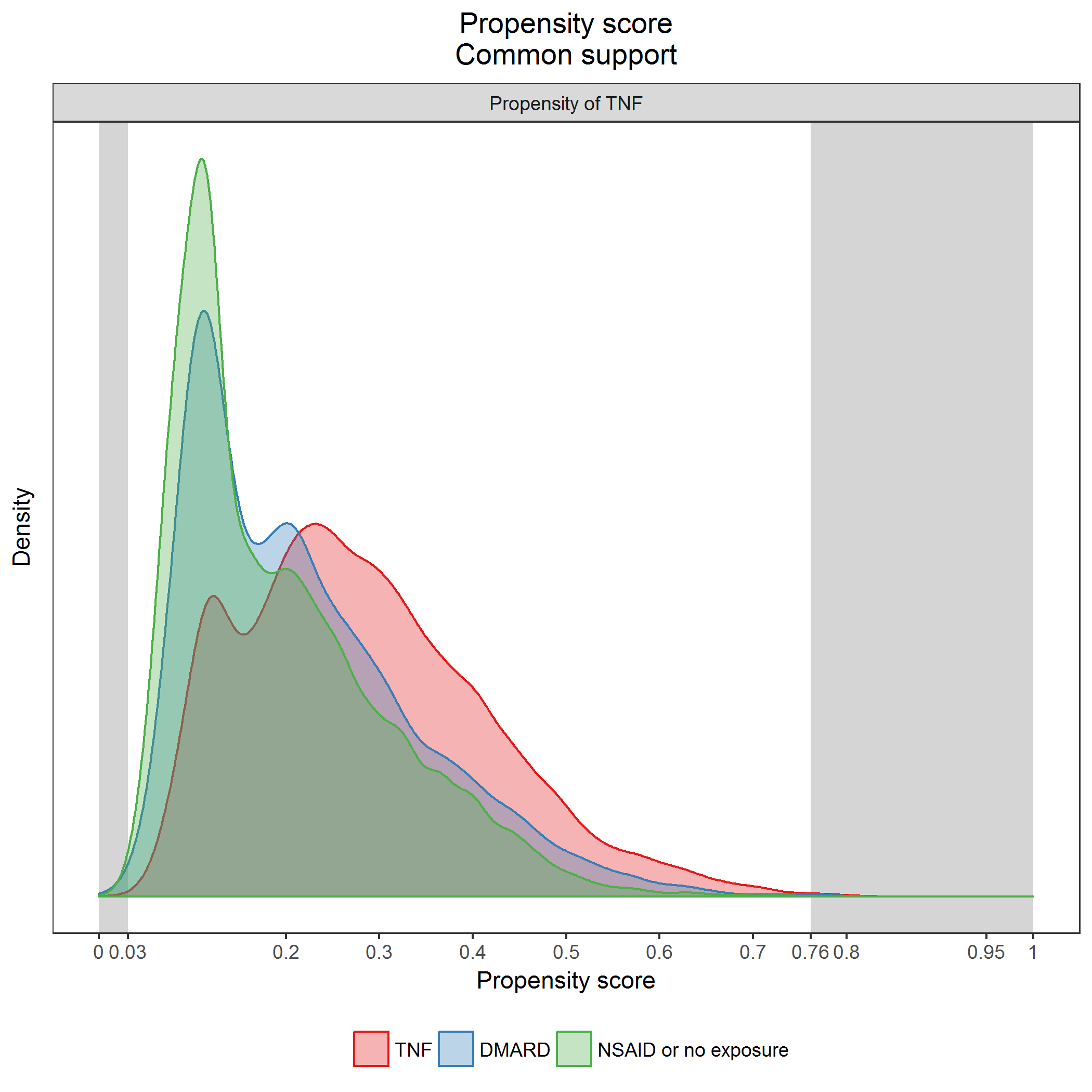
# Propensity score

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 | 12 | 0.764 | 0.810 | 1.234 | 1.308 |
| FALSE | 3-level exposure | DMARD | 15 | 0.000 | 0.799 | 1.000 | 4.976 |
| FALSE | 3-level exposure | NSAID or no exposure | 60 | 0.000 | 0.031 | 1.000 | 1.032 |
| TRUE | 3-level exposure | TNF | 12974 | 0.031 | 0.759 | 1.318 | 32.043 |
| TRUE | 3-level exposure | DMARD | 7704 | 0.031 | 0.758 | 1.032 | 4.126 |
| TRUE | 3-level exposure | NSAID or no exposure | 39244 | 0.032 | 0.762 | 1.033 | 4.195 |
| NA | 3-level exposure | TNF | 1 | NA | NA | NA | NA |

|  |  |  |
| --- | --- | --- |
| model | commonSupportLowerBound | commonSupportUpperBound |
| 3-level exposure | 0.0312083 | 0.7616191 |

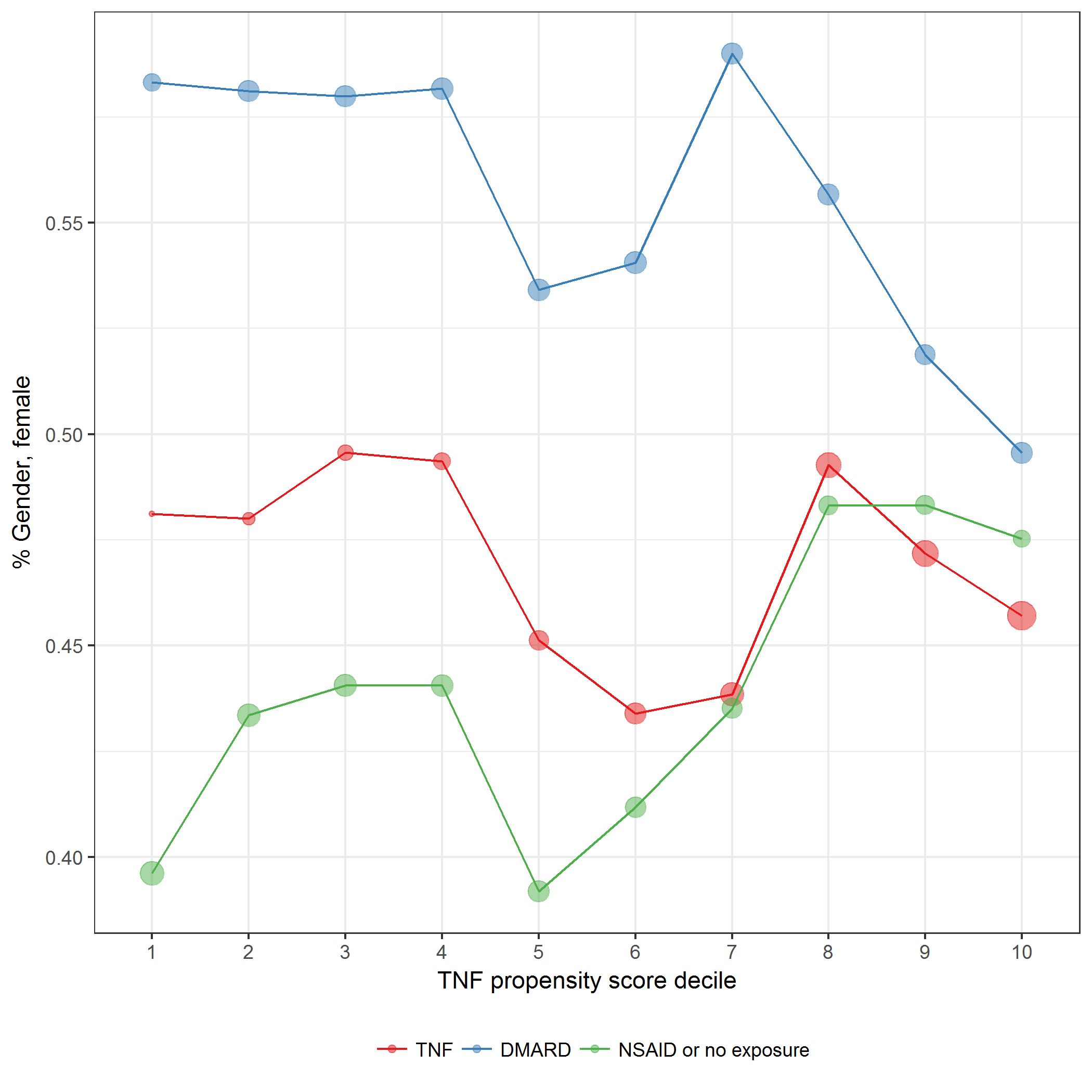
## Covariate balance

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

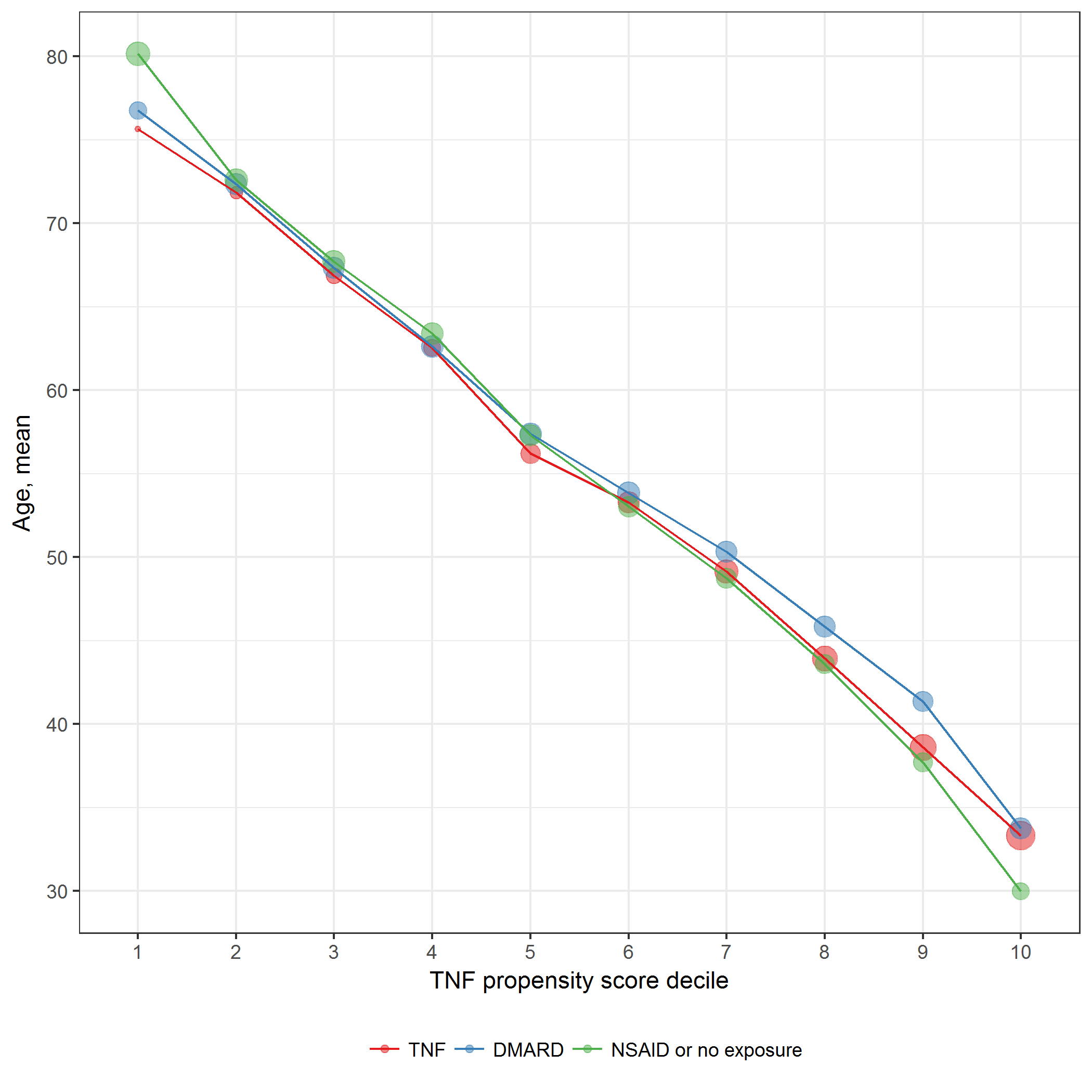
**Propensity of TNF.** Create propensity score deciles.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| model | exposure | psDecile | n | min | max |
| 3-level exposure | TNF | 1 | 266 | 0.03 | 0.09 |
| 3-level exposure | TNF | 2 | 475 | 0.09 | 0.11 |
| 3-level exposure | TNF | 3 | 696 | 0.11 | 0.12 |
| 3-level exposure | TNF | 4 | 863 | 0.12 | 0.15 |
| 3-level exposure | TNF | 5 | 1139 | 0.15 | 0.19 |
| 3-level exposure | TNF | 6 | 1348 | 0.19 | 0.23 |
| 3-level exposure | TNF | 7 | 1667 | 0.23 | 0.27 |
| 3-level exposure | TNF | 8 | 1912 | 0.27 | 0.32 |
| 3-level exposure | TNF | 9 | 2022 | 0.32 | 0.39 |
| 3-level exposure | TNF | 10 | 2586 | 0.39 | 0.76 |
| 3-level exposure | DMARD | 1 | 535 | 0.03 | 0.09 |
| 3-level exposure | DMARD | 2 | 807 | 0.09 | 0.11 |
| 3-level exposure | DMARD | 3 | 776 | 0.11 | 0.12 |
| 3-level exposure | DMARD | 4 | 820 | 0.12 | 0.15 |
| 3-level exposure | DMARD | 5 | 820 | 0.15 | 0.19 |
| 3-level exposure | DMARD | 6 | 877 | 0.19 | 0.23 |
| 3-level exposure | DMARD | 7 | 778 | 0.23 | 0.27 |
| 3-level exposure | DMARD | 8 | 812 | 0.27 | 0.32 |
| 3-level exposure | DMARD | 9 | 694 | 0.32 | 0.39 |
| 3-level exposure | DMARD | 10 | 785 | 0.39 | 0.76 |
| 3-level exposure | NSAID or no exposure | 1 | 5192 | 0.03 | 0.09 |
| 3-level exposure | NSAID or no exposure | 2 | 4751 | 0.09 | 0.11 |
| 3-level exposure | NSAID or no exposure | 3 | 4481 | 0.11 | 0.12 |
| 3-level exposure | NSAID or no exposure | 4 | 4310 | 0.12 | 0.15 |
| 3-level exposure | NSAID or no exposure | 5 | 4032 | 0.15 | 0.19 |
| 3-level exposure | NSAID or no exposure | 6 | 3744 | 0.19 | 0.23 |
| 3-level exposure | NSAID or no exposure | 7 | 3649 | 0.23 | 0.27 |
| 3-level exposure | NSAID or no exposure | 8 | 3293 | 0.27 | 0.32 |
| 3-level exposure | NSAID or no exposure | 9 | 3172 | 0.32 | 0.39 |
| 3-level exposure | NSAID or no exposure | 10 | 2620 | 0.39 | 0.76 |

### Demographic characteristics

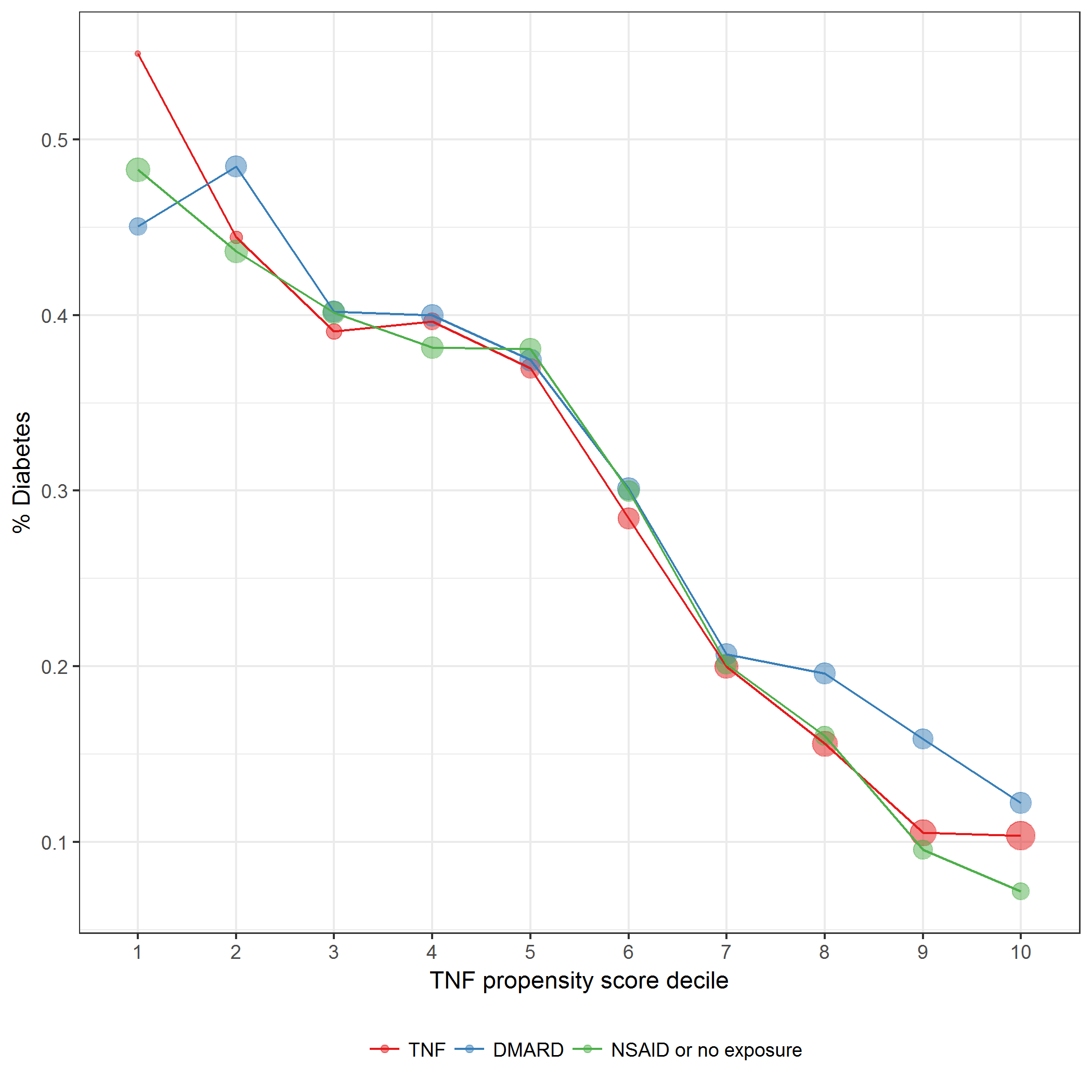


covarBalGender.png

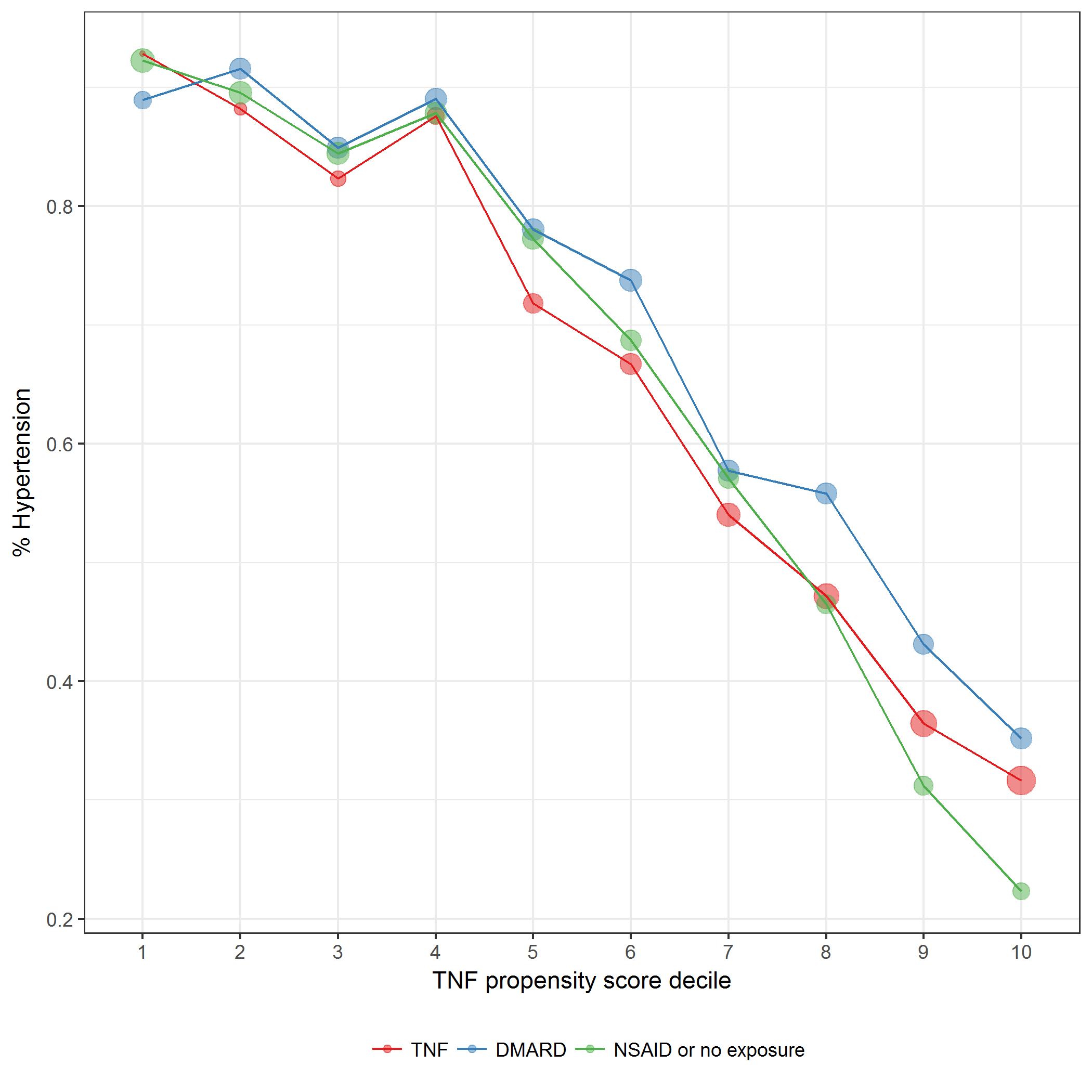


covarBalAge.png

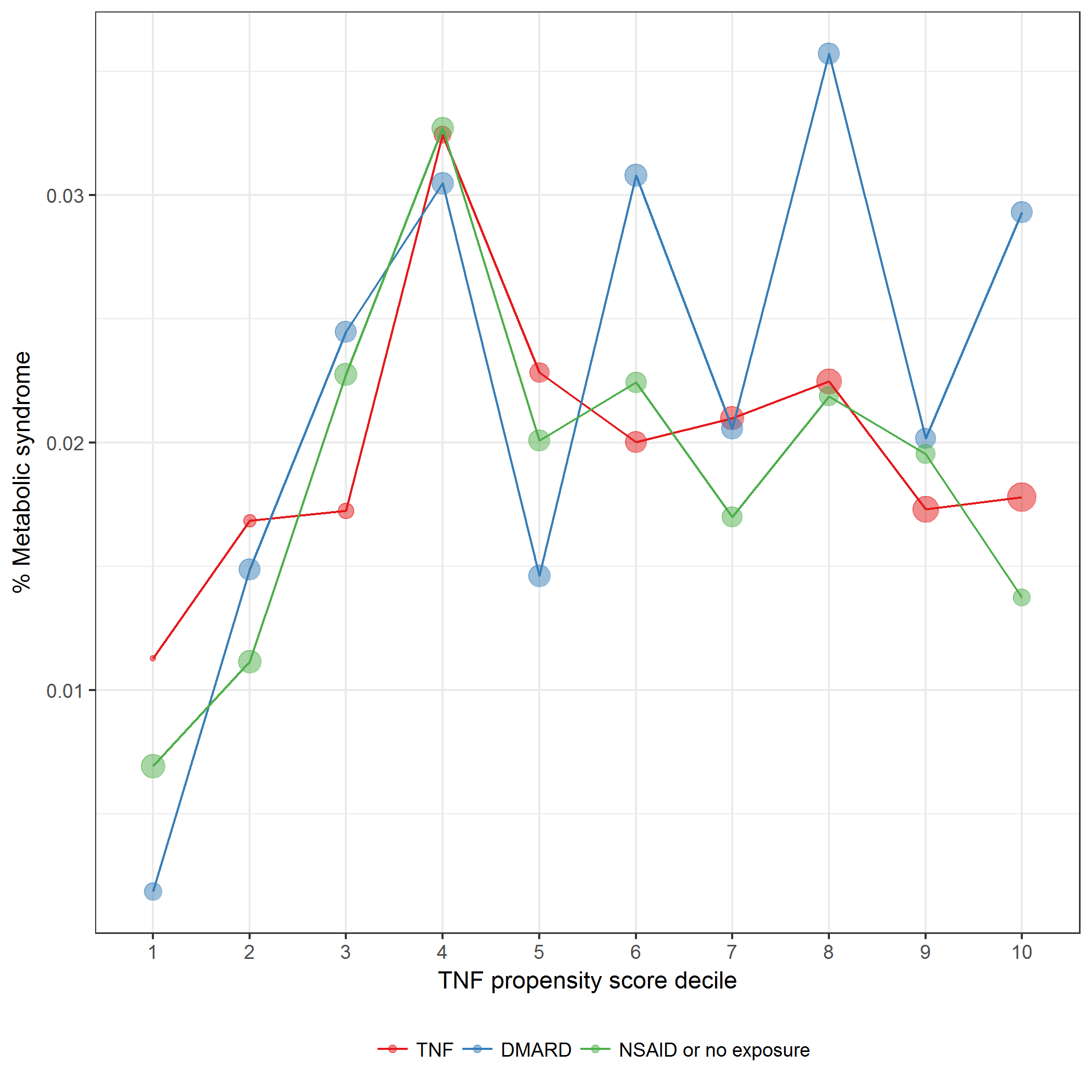
### Other covariates



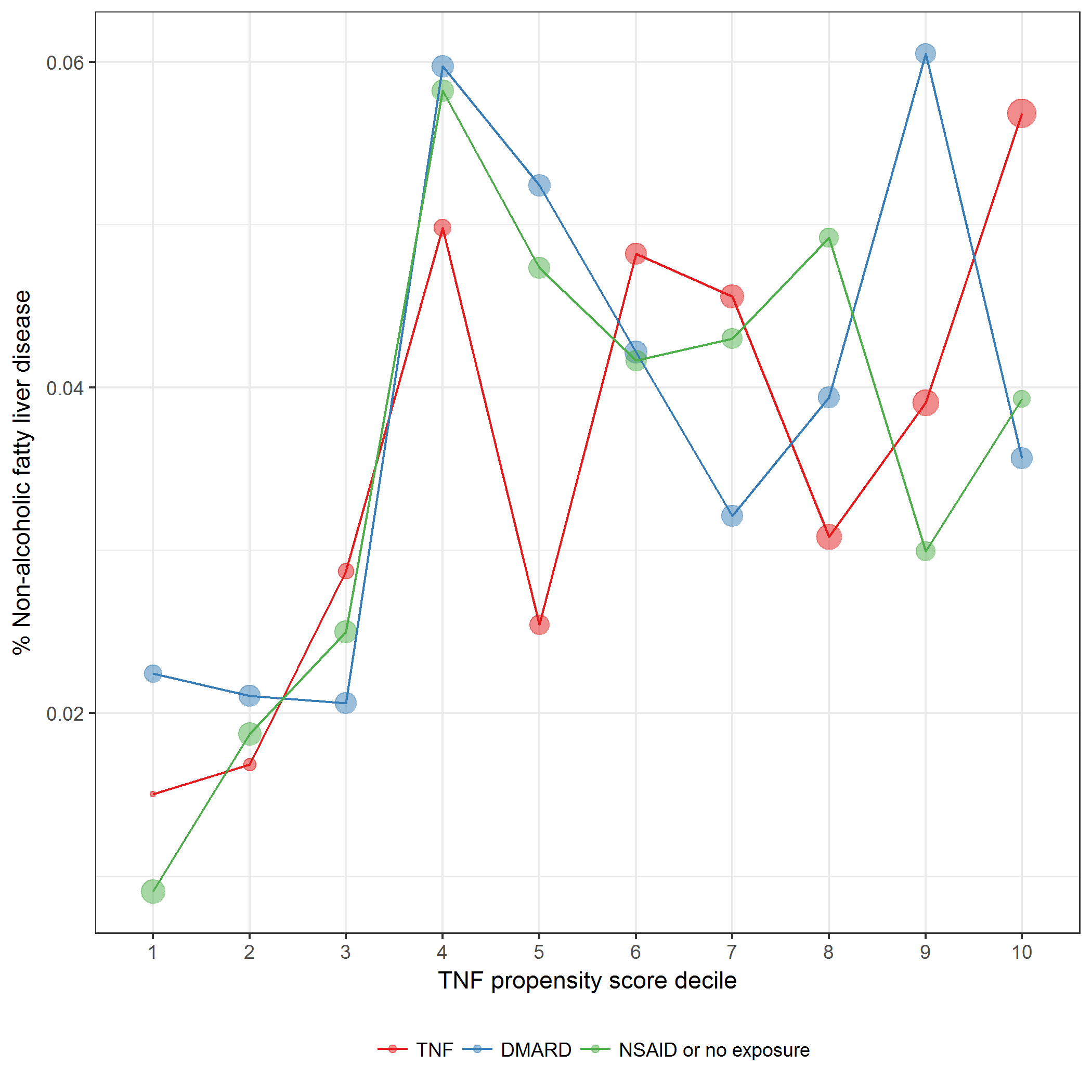
covarBalDiabetes.png



covarBalHT.png

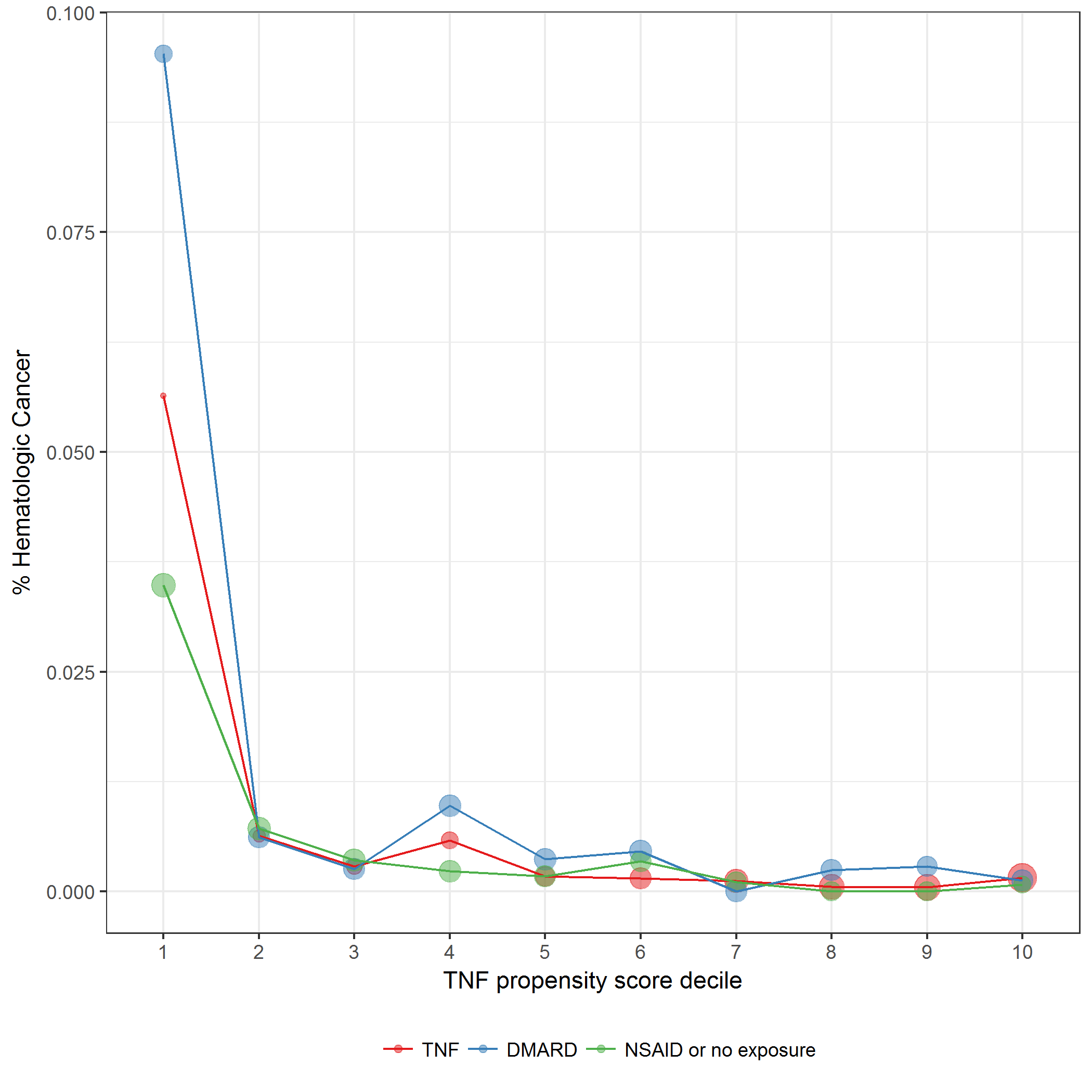


covarBalMetabSyn.png

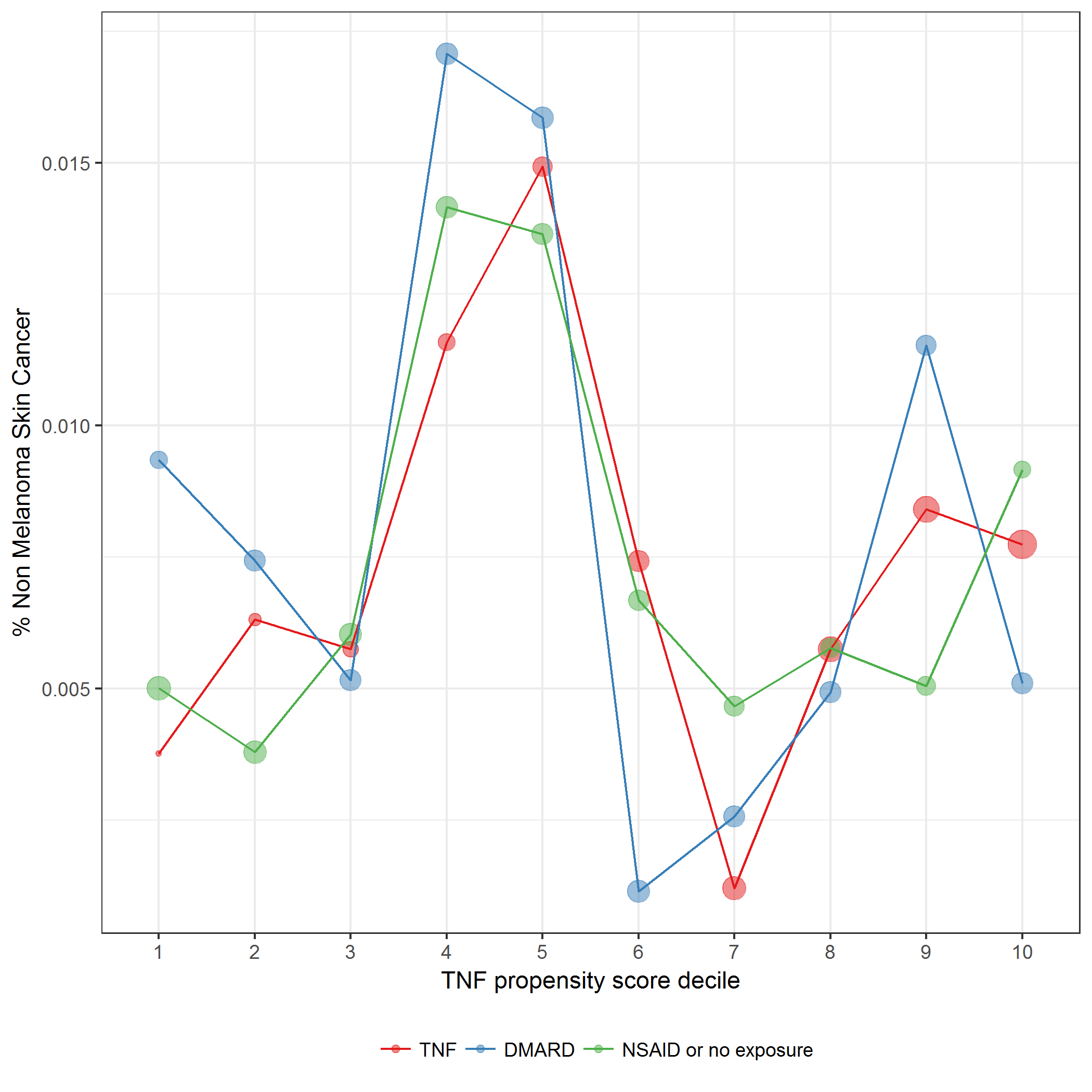


covarBalNAFattyLiverDis.png

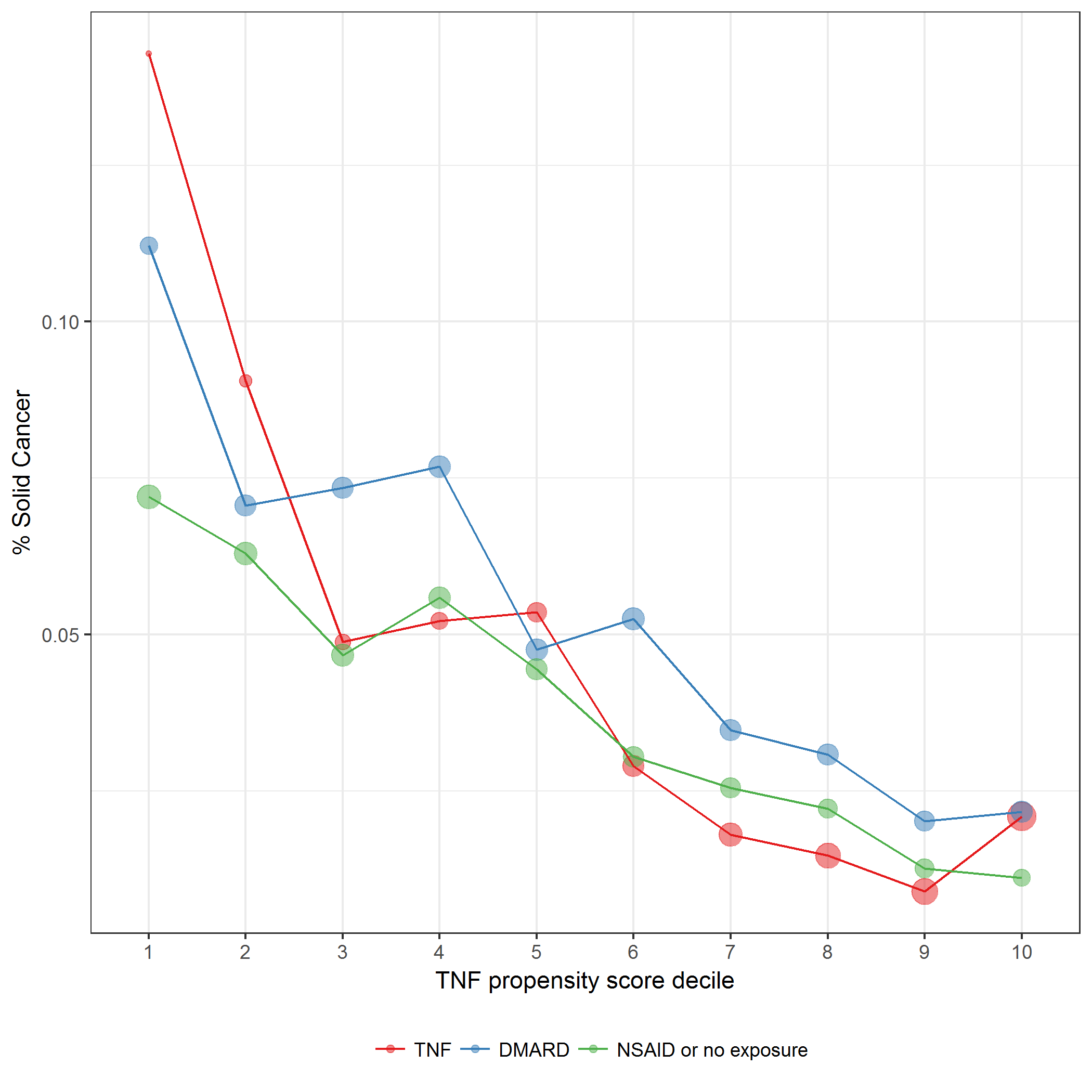
### Comorbidities



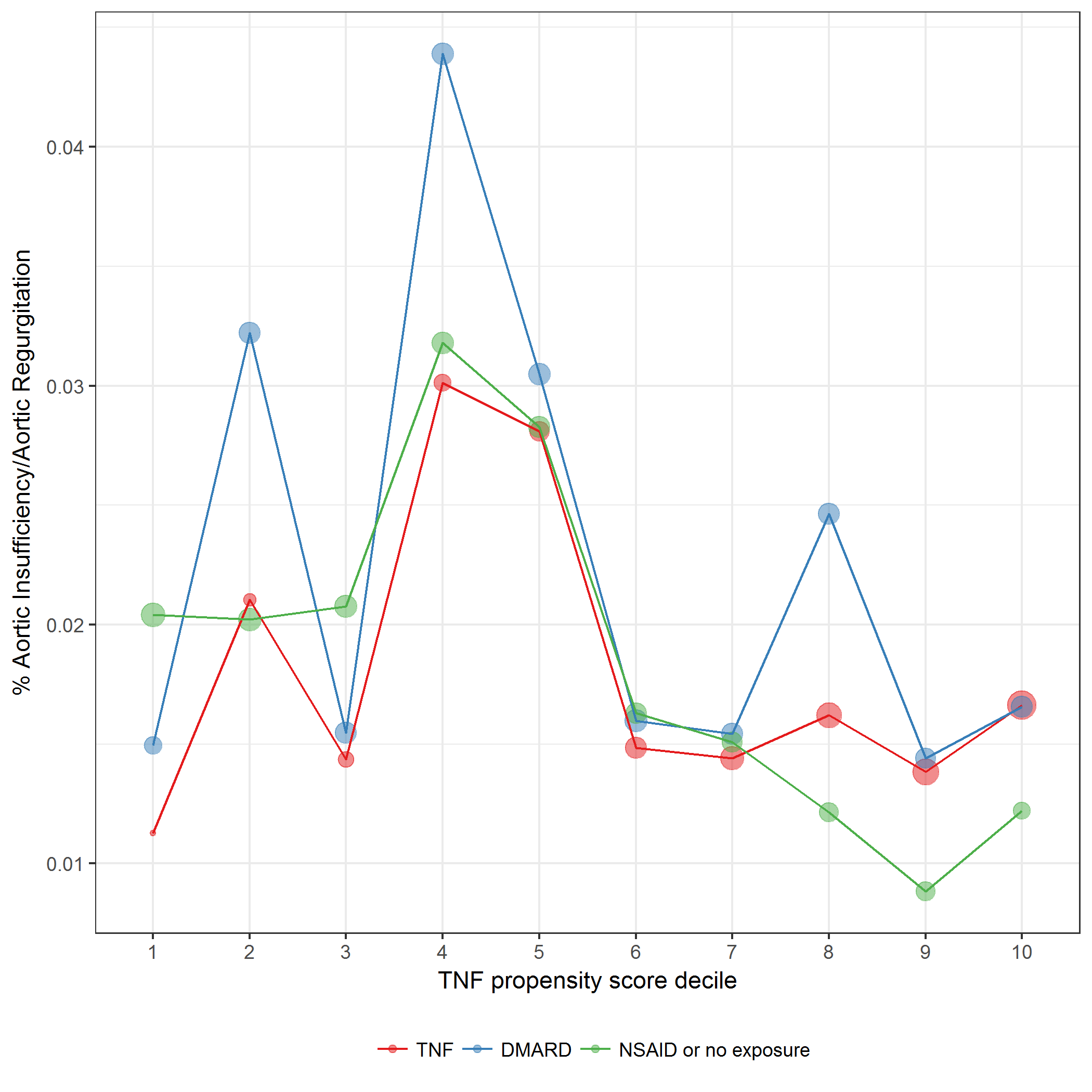
covarBalHematCa.png



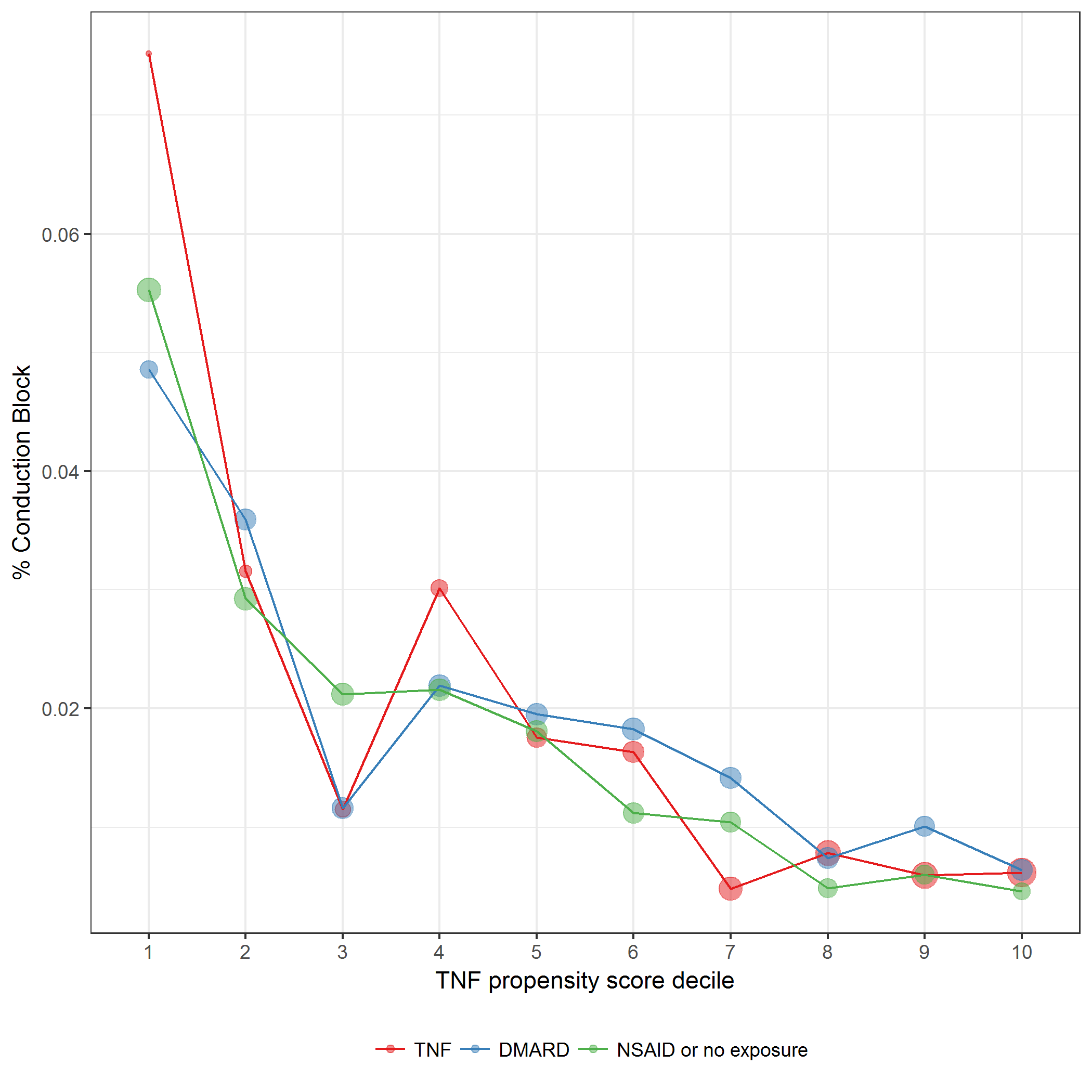
covarBalNMSC.png



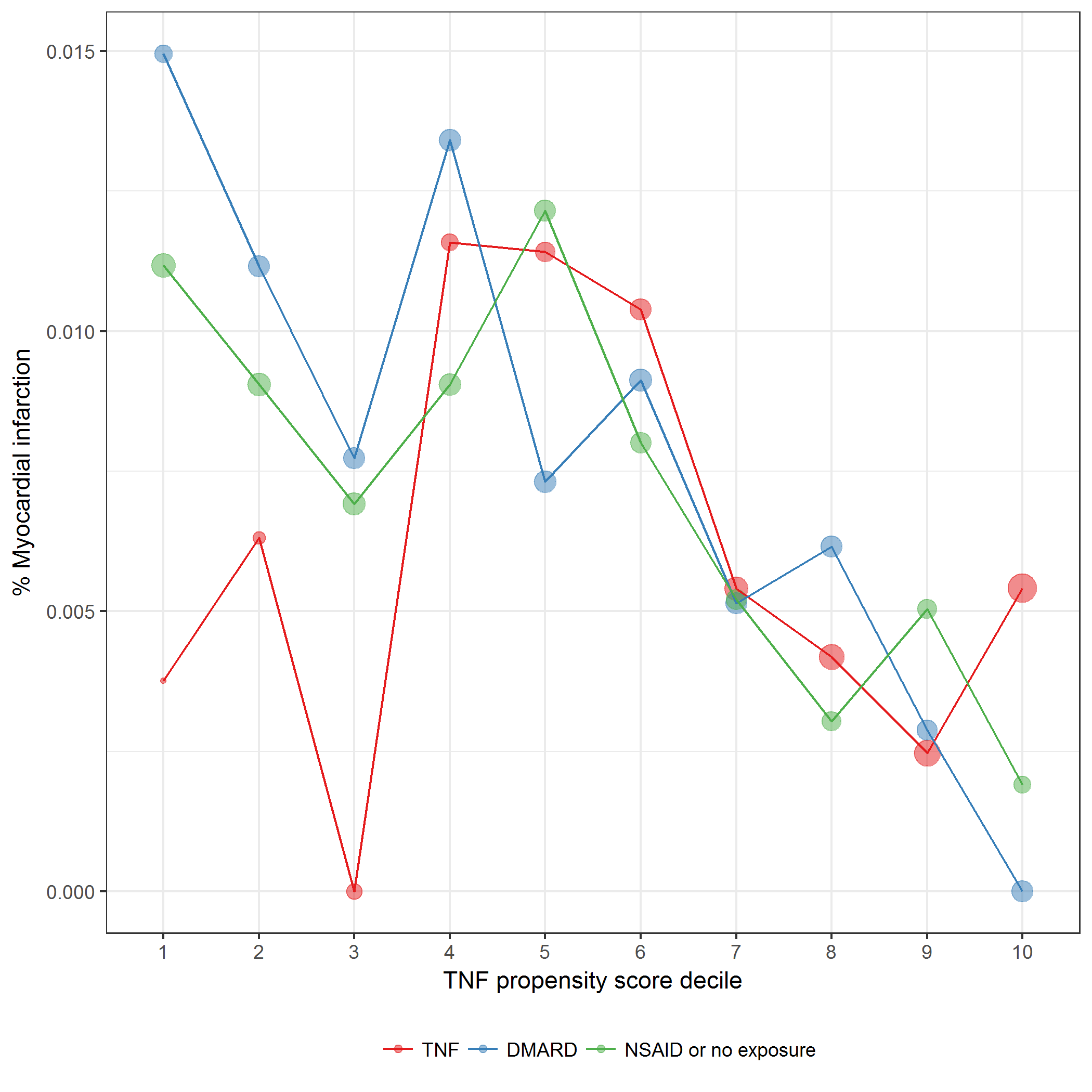
covarBalSolidCa.png



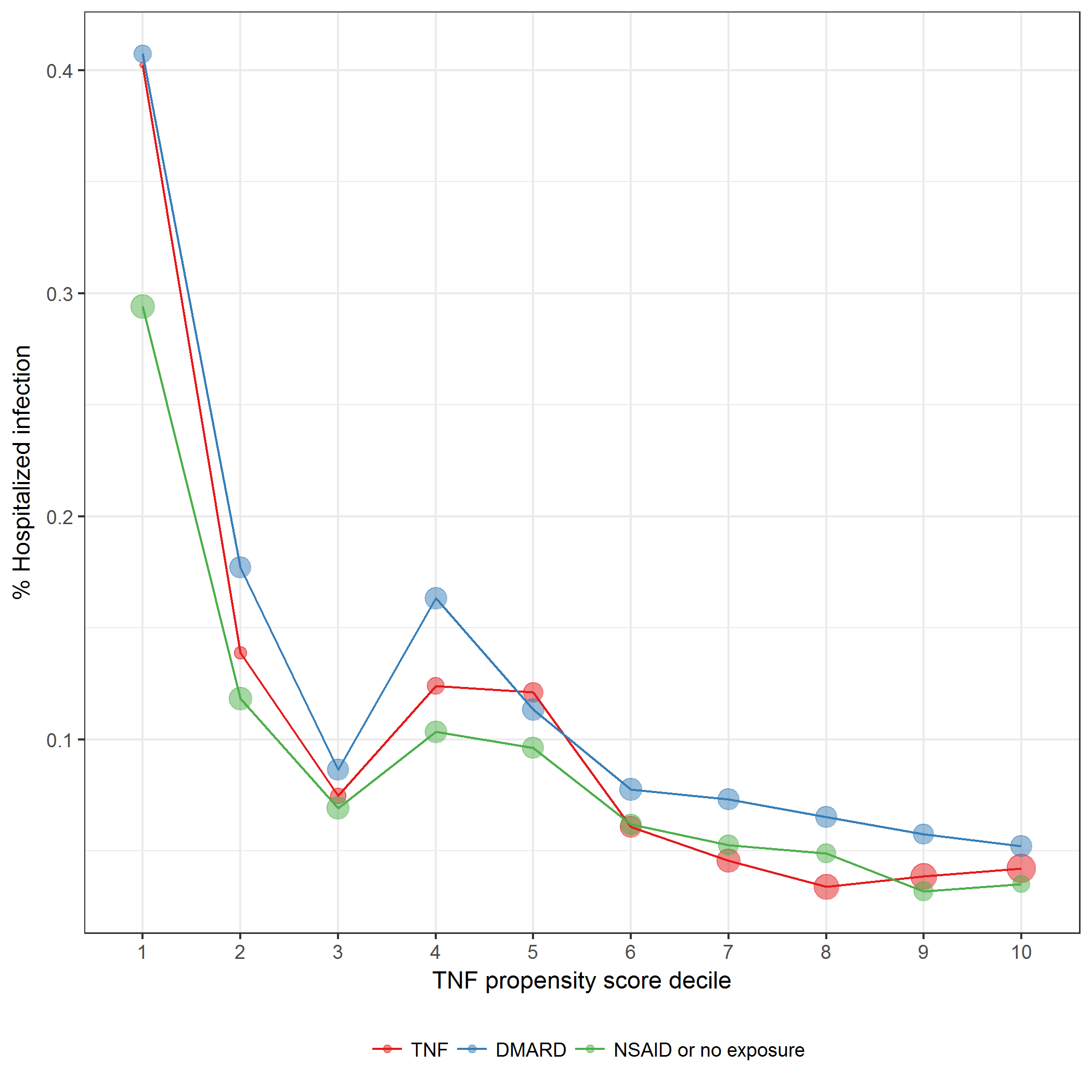
covarBalAortInsuffRegurg.png



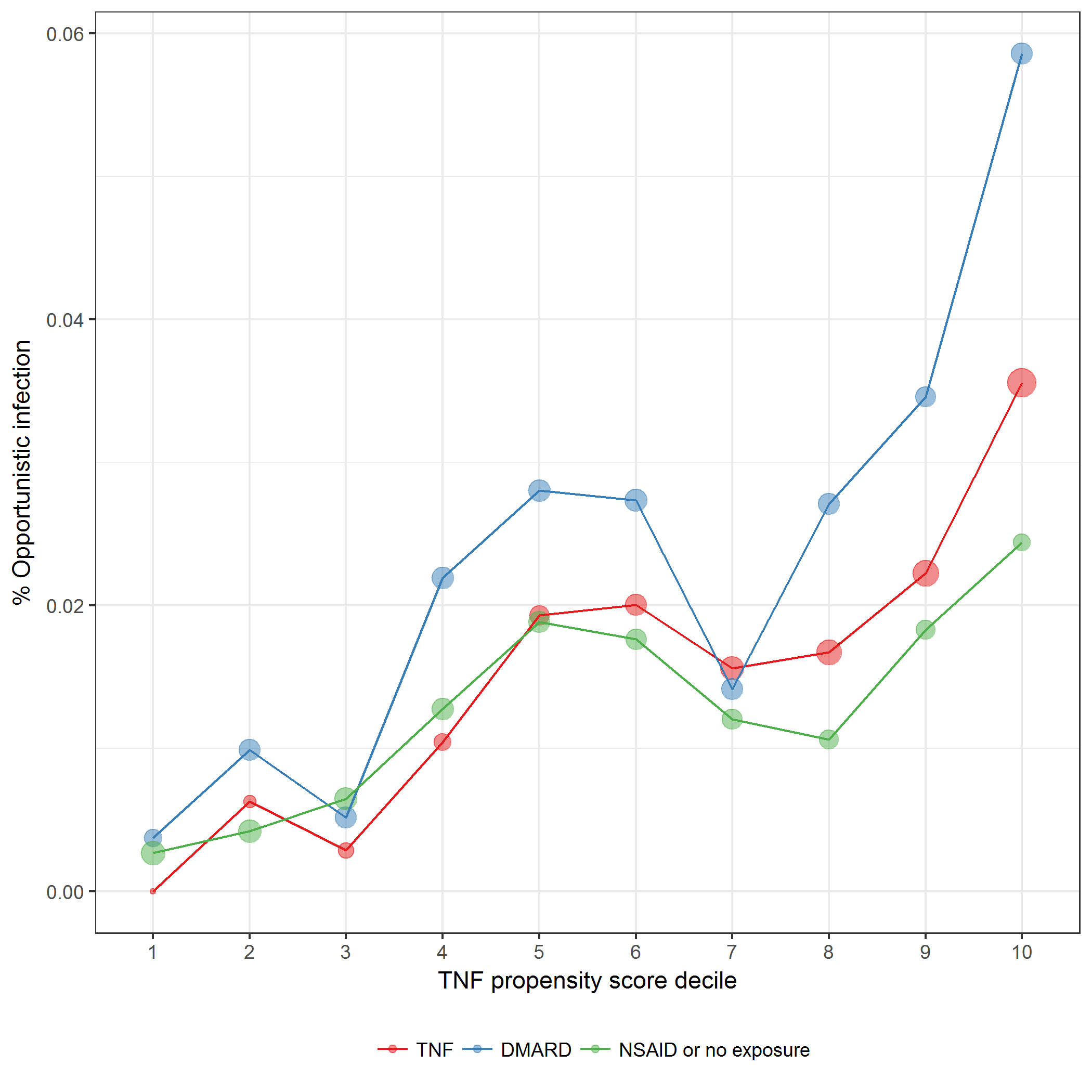
covarBalConductBlock.png



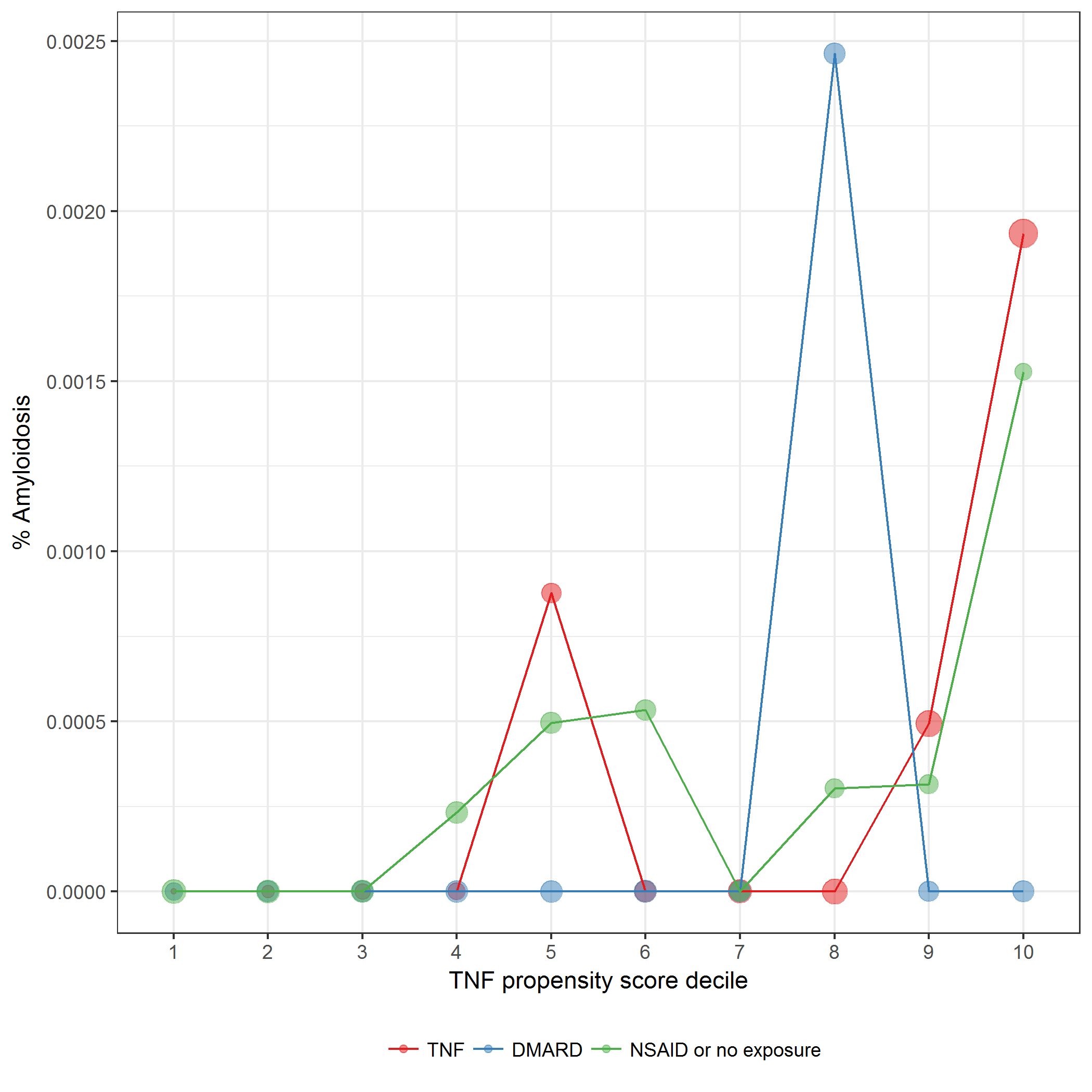
covarBalMI.png



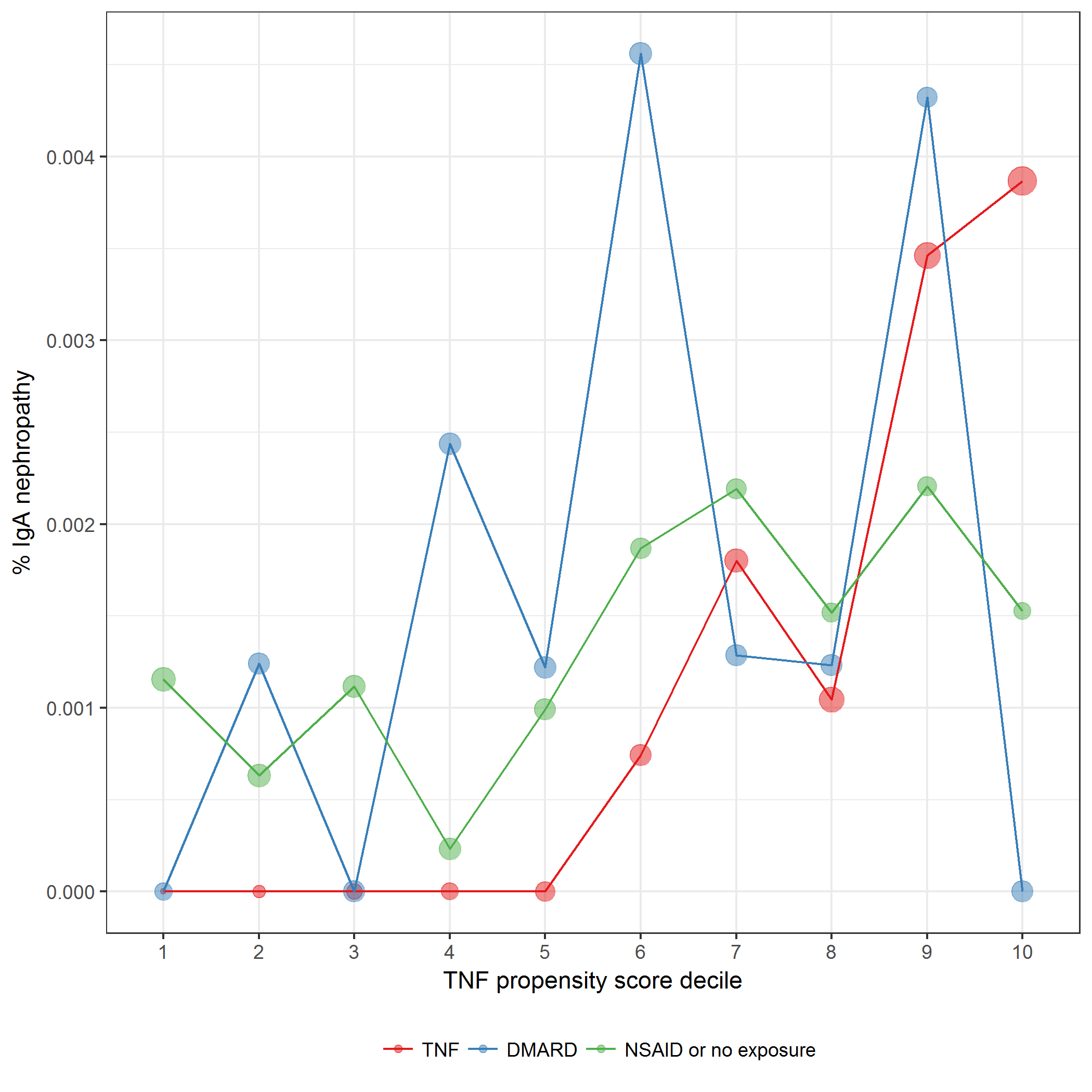
covarBalHospInf.png



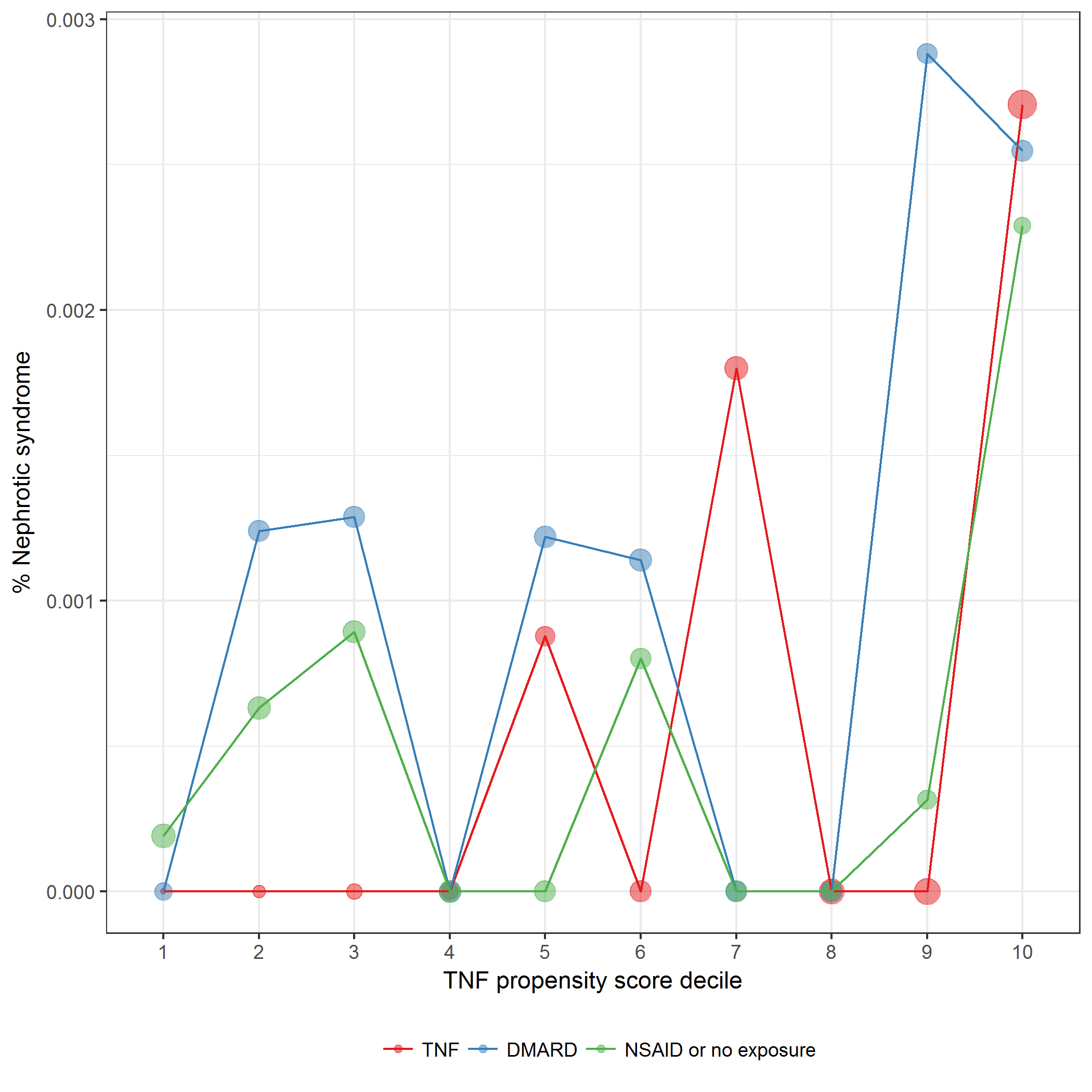
covarBalOppInf.png



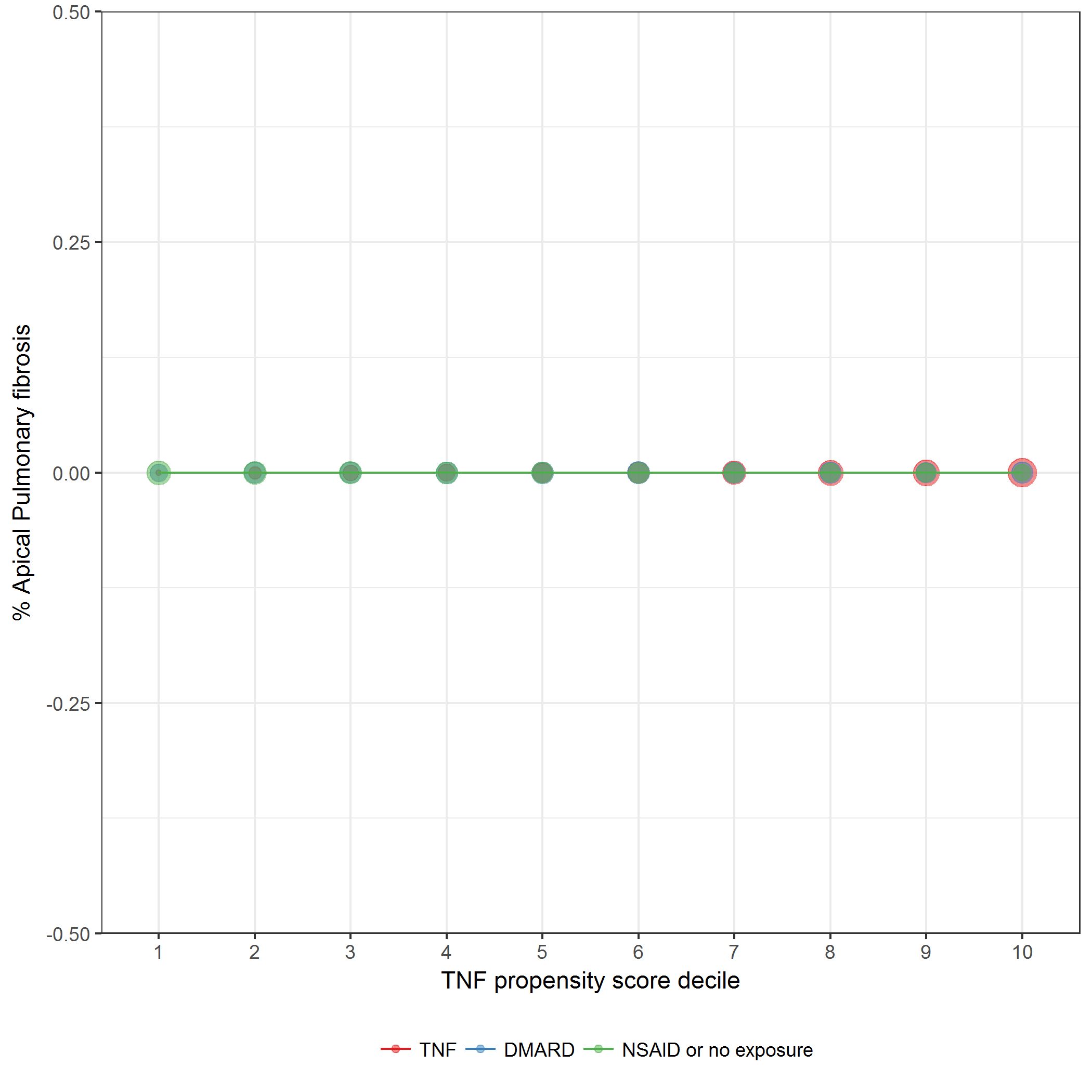
covarBalAmyloidosis.png



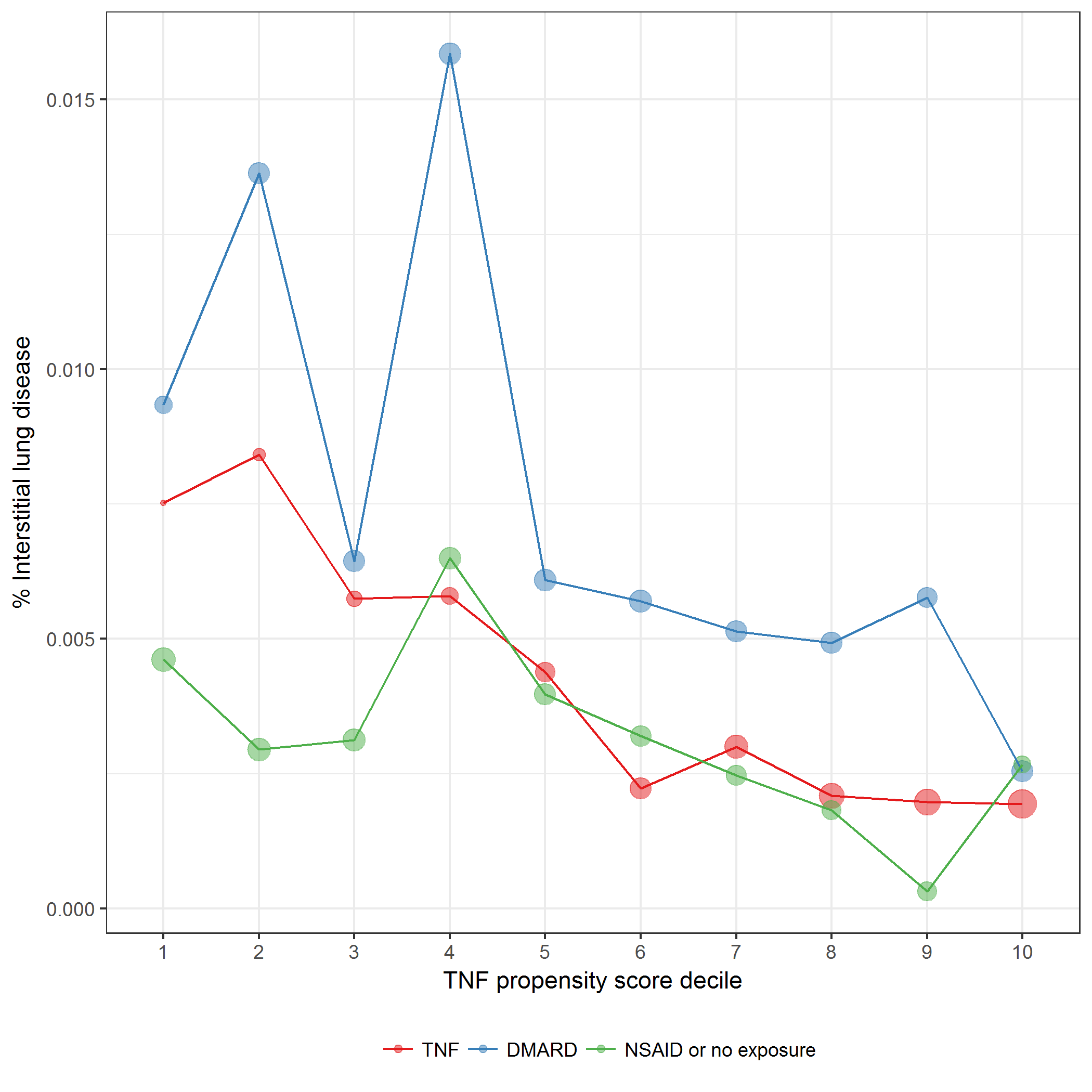
covarBalIgANeph.png



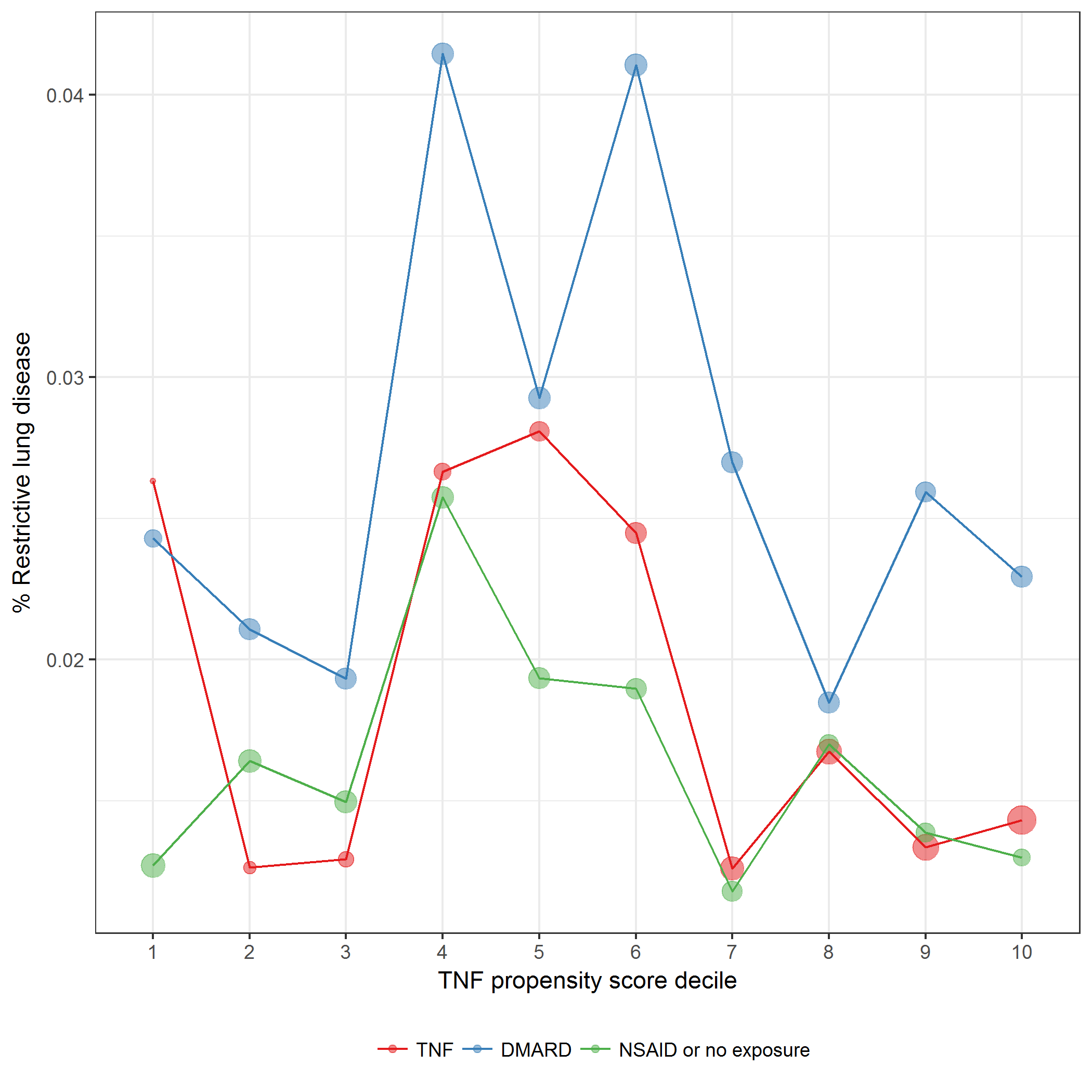
covarBalNephSyn.png



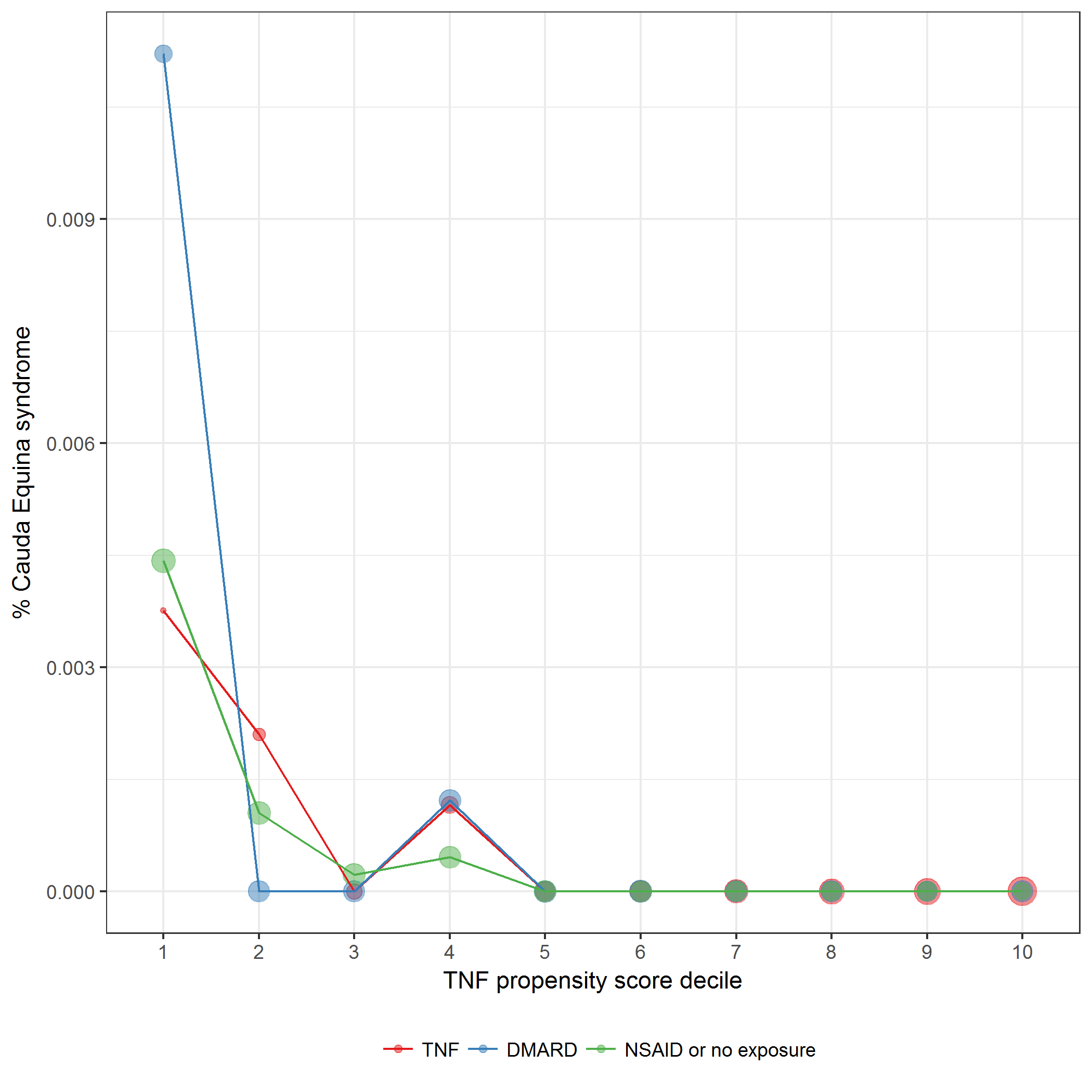
covarBalApicalPulmFib.png



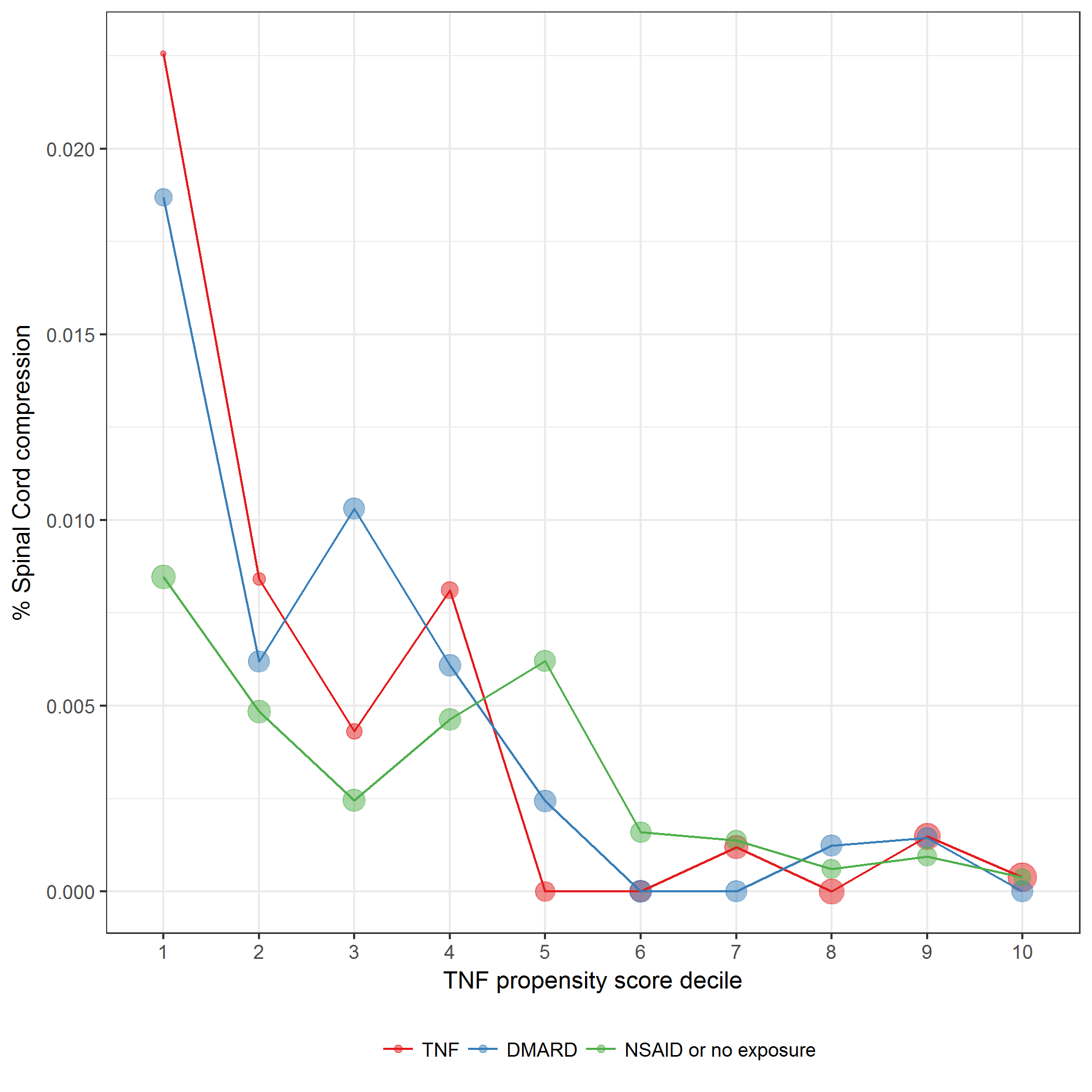
covarBalInterstLungDis.png



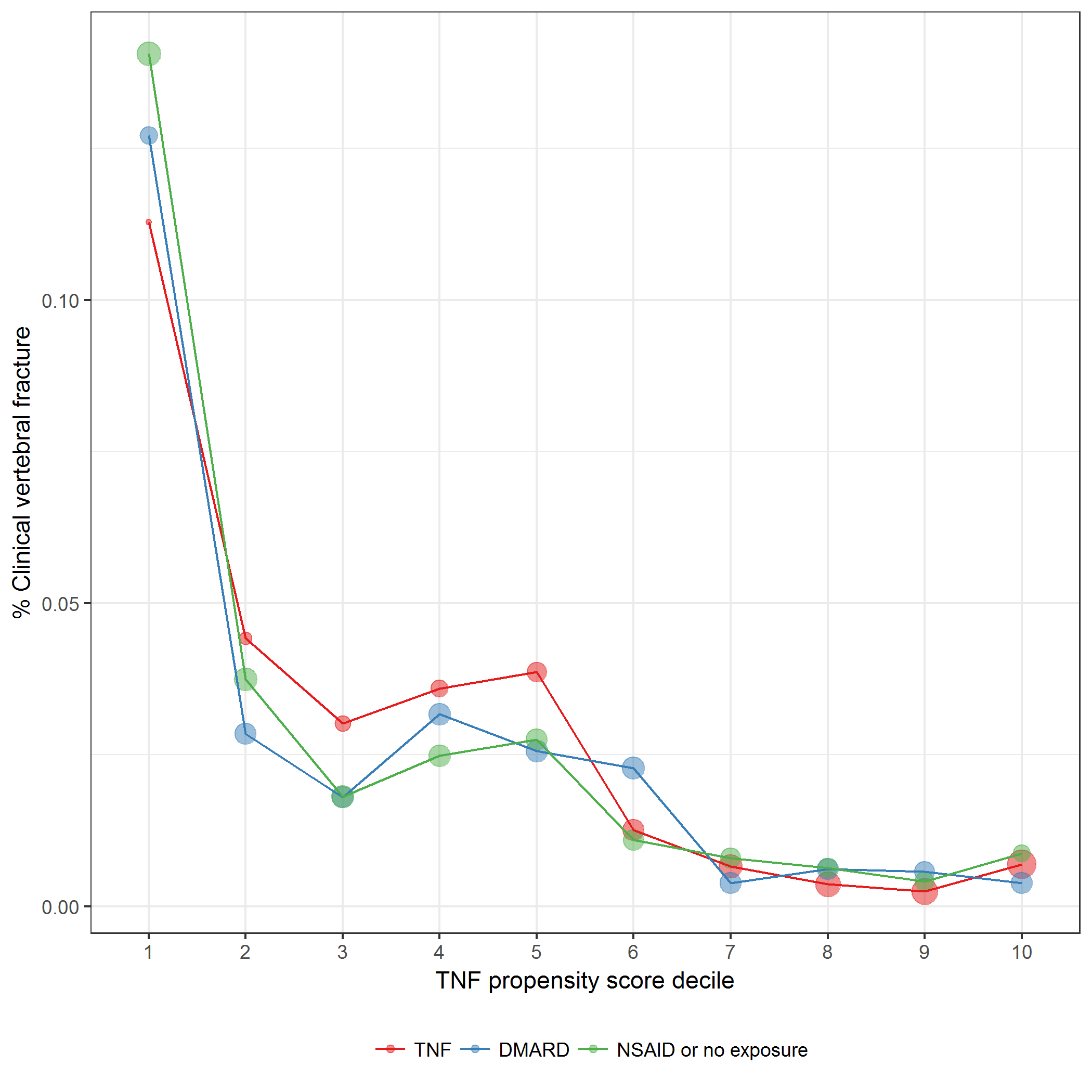
covarBalRestrictLungDis.png



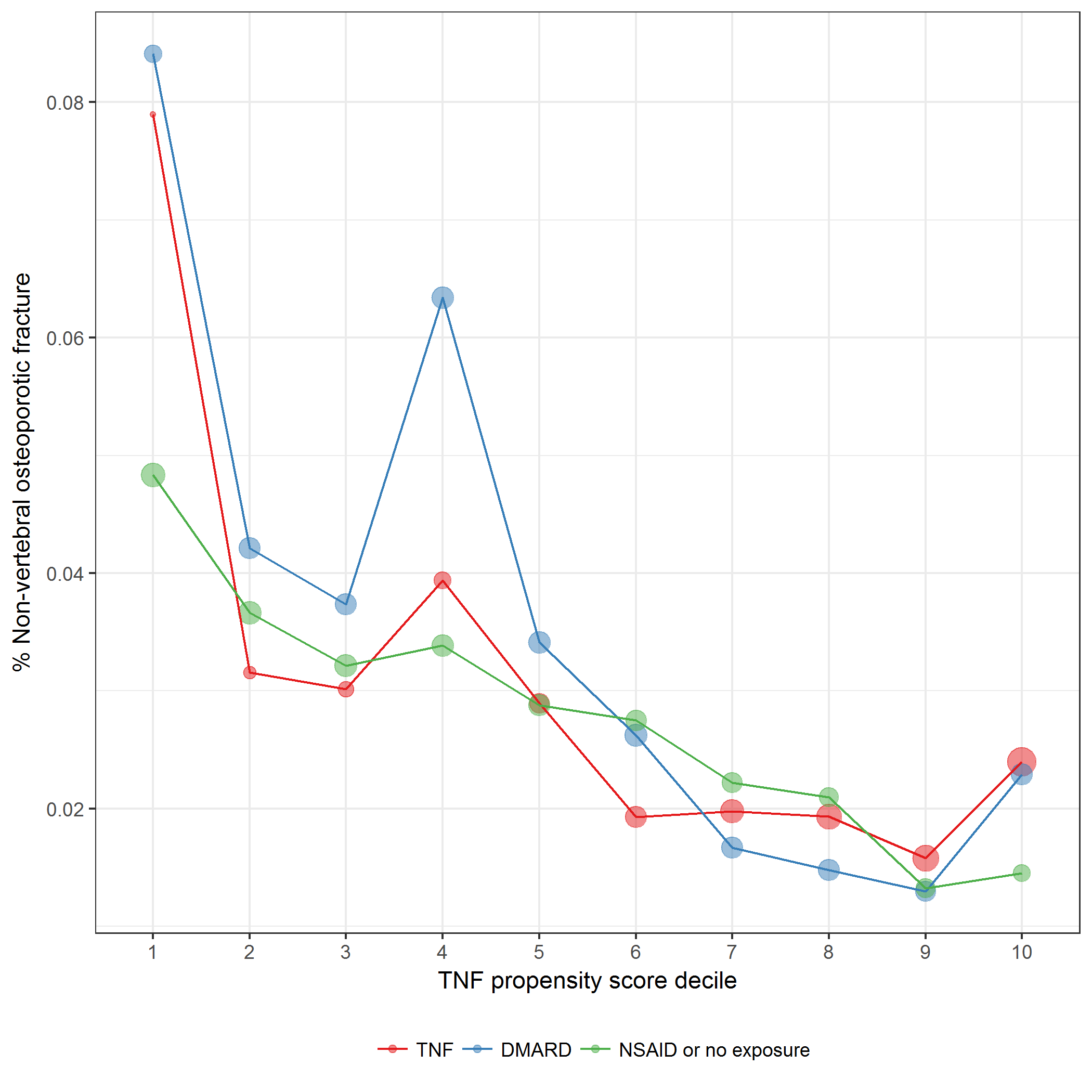
covarBalCaudaEquina.png



covarBalSpinalCordComp.png

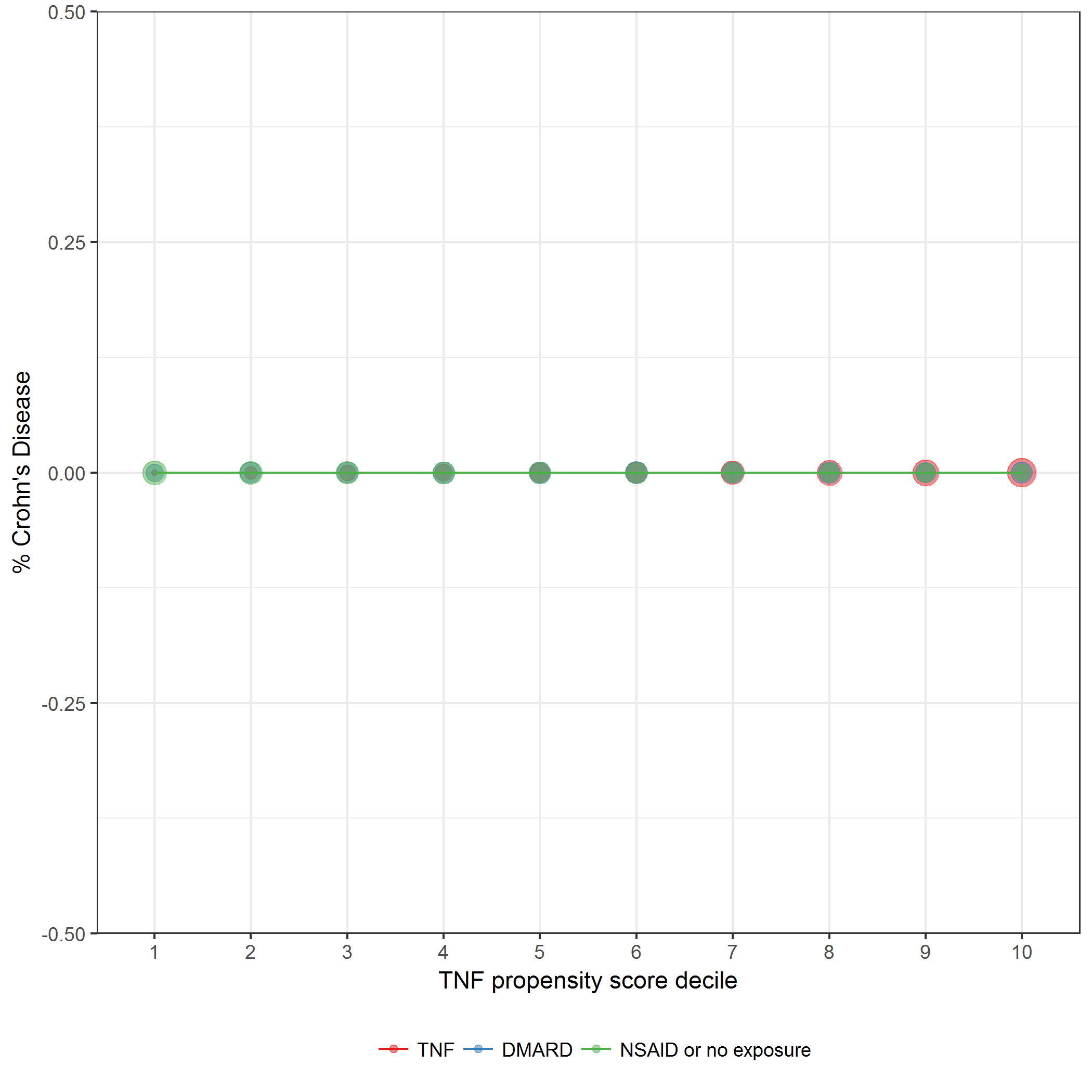


covarBalVertFrac.png

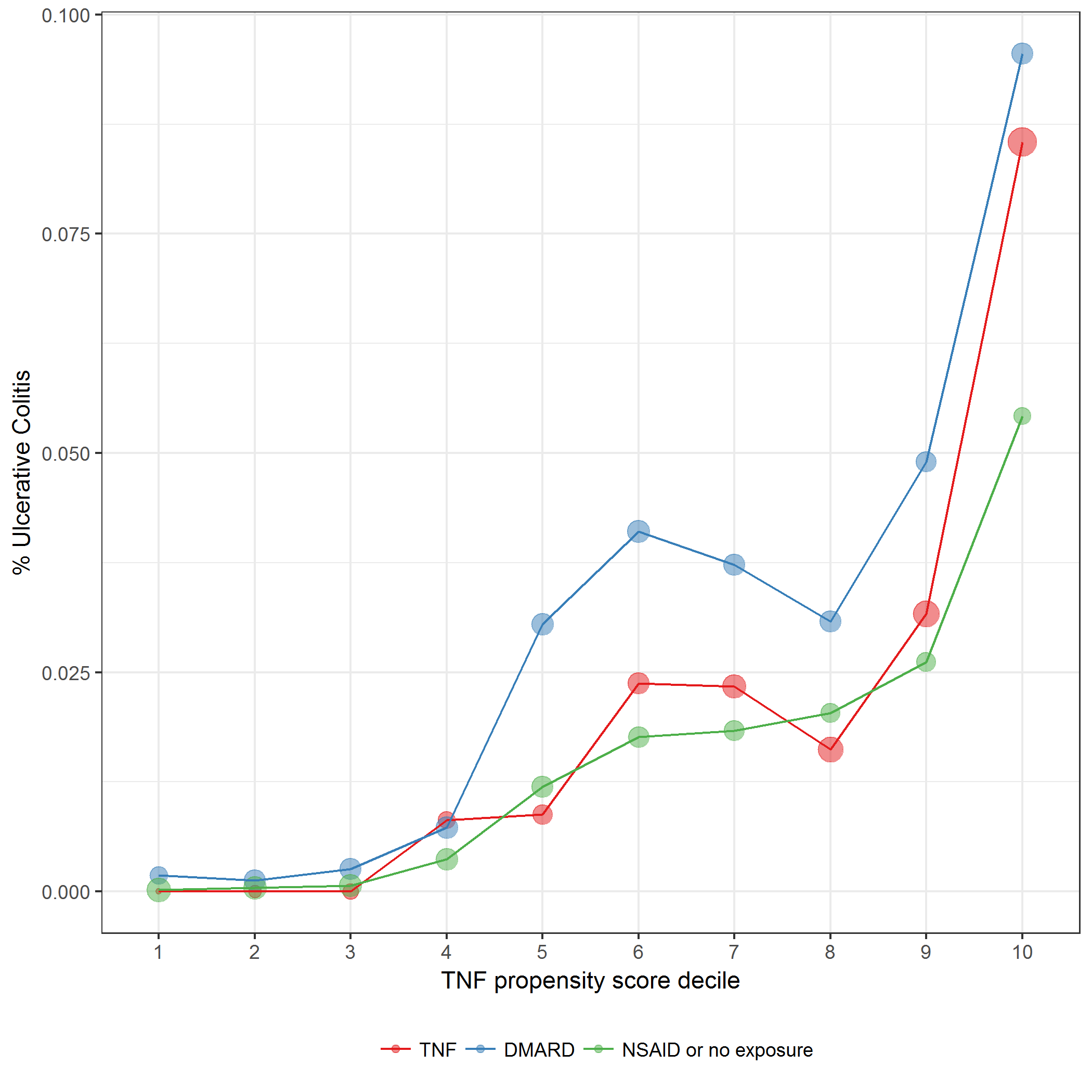


covarBalNonVertOsFrac.png

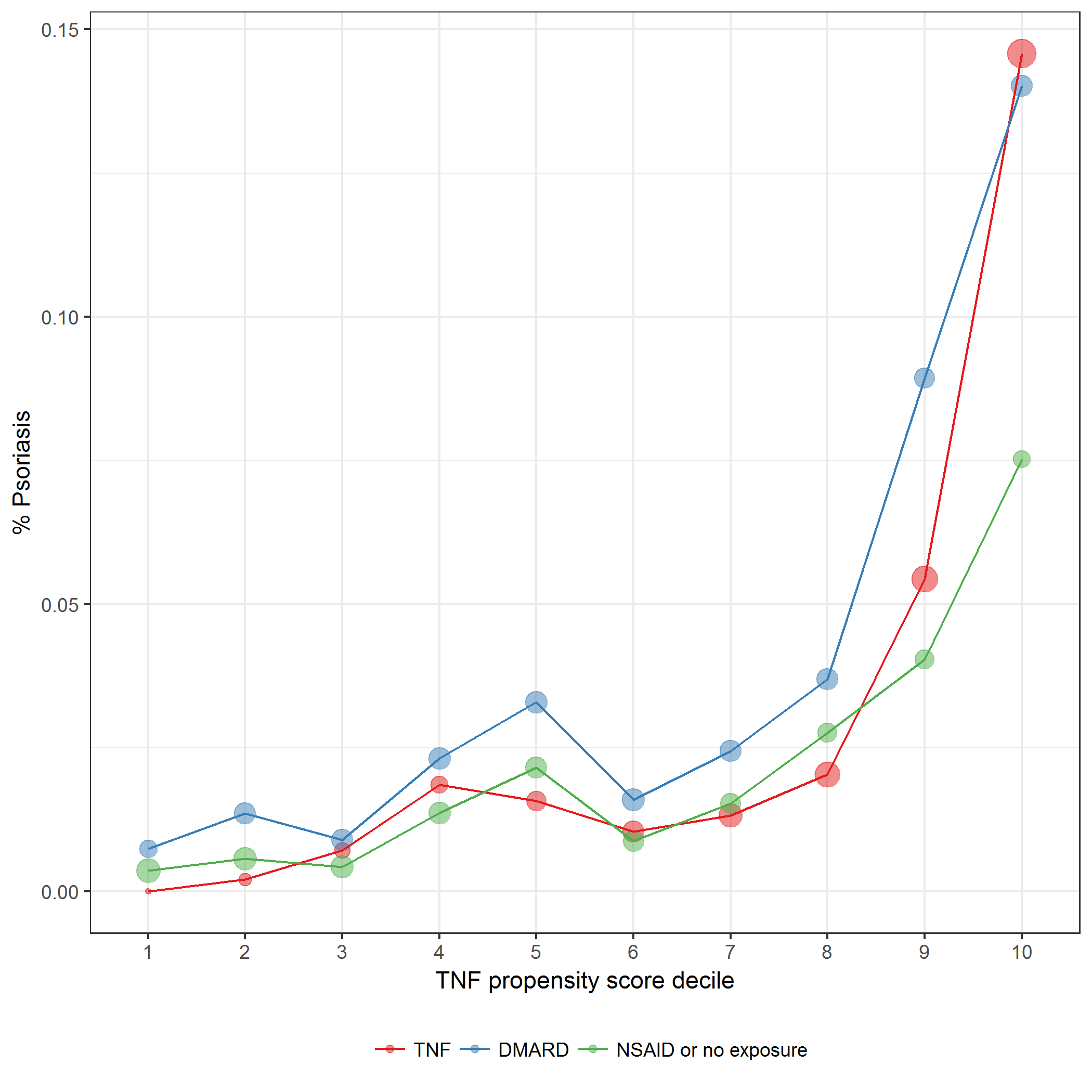
### Extra-articular manifestations (EAMs)



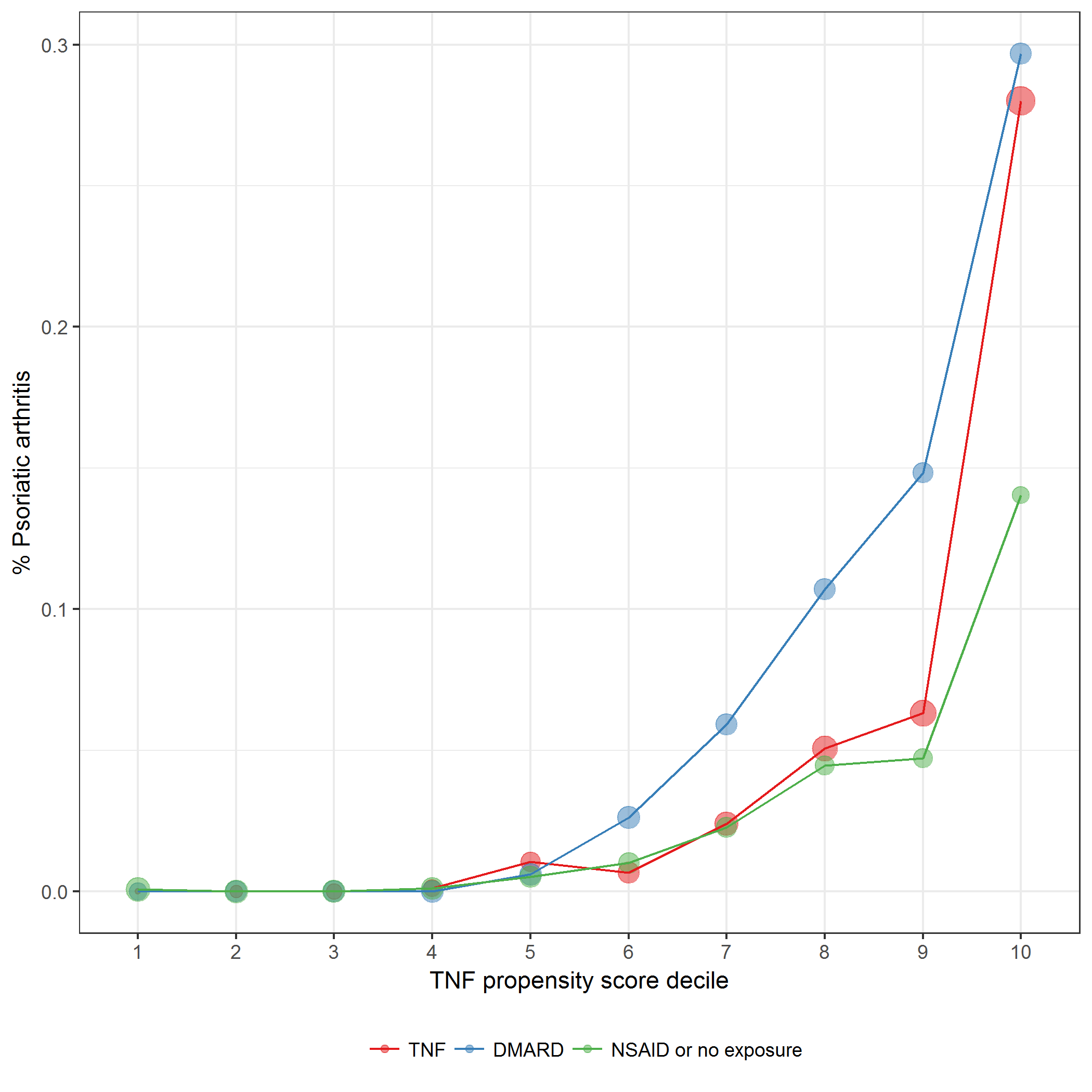
covarBalCrohnsDis.png



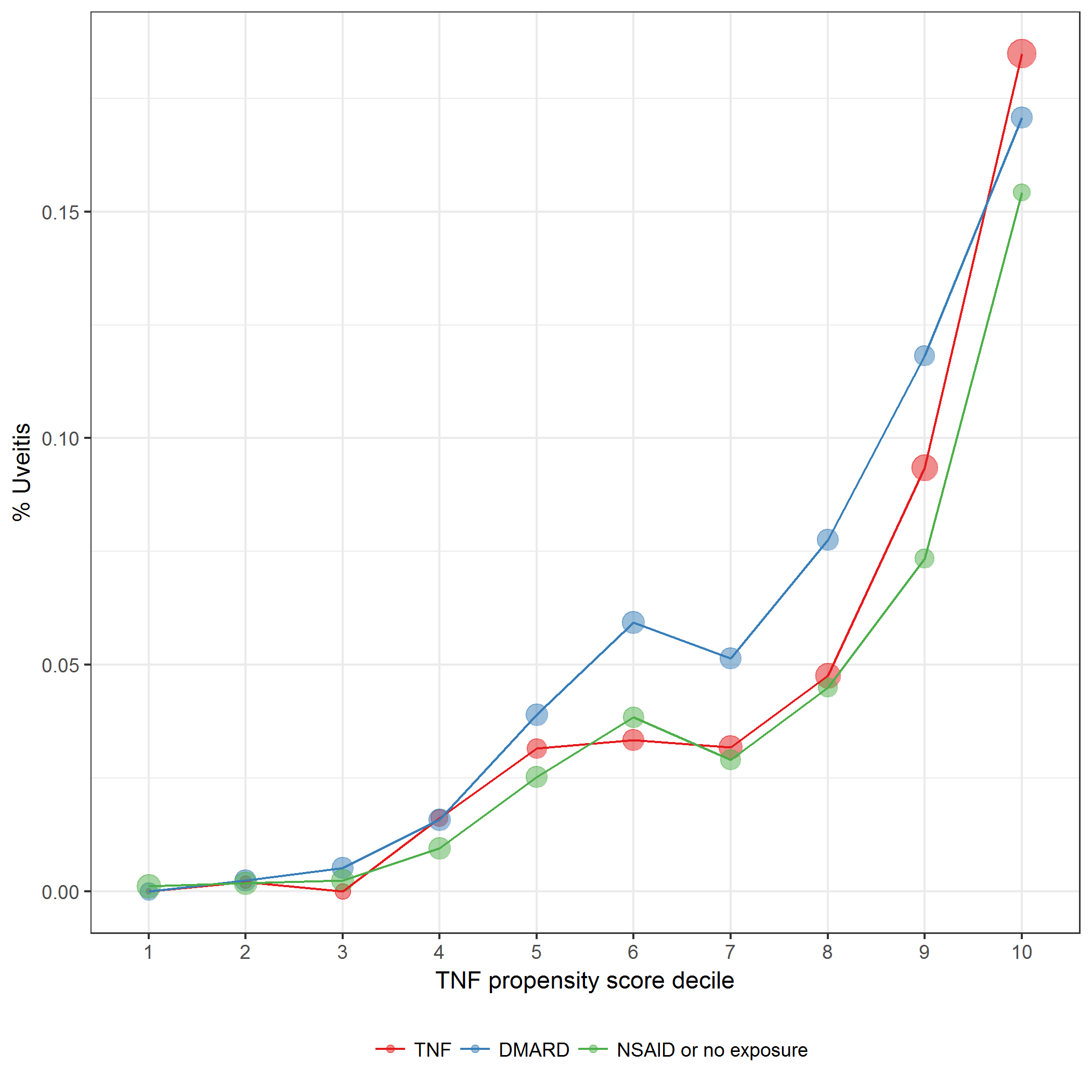
covarBalUlcerColitis.png



covarBalPsoriasis.png



covarBalPSA.png



covarBalUveitis.png