**Supplementary Table 2.** Propensity score matching for age was used to create matched cohorts in the different groups of VD with an absolute standardized differences <10%

|                      | Overall<br>population | Isolated TR | TR +<br>severe MR | TR +<br>severe AS | TR+<br>severe AR | Absolute<br>standardized<br>difference |
|----------------------|-----------------------|-------------|-------------------|-------------------|------------------|--|
| Number of patients   | 1183                  | 423 (36%)   | 599 (51%)         | 132 (11%)         | 29 (2%)          |  |
| Mean Age (years)     |                       | 82          | 67                | 62                | 74               | 25%                                    |
| Propensity age exact |                       |             |                   |                   |                  |  |
| Number of patients   | 975                   | 356 (37%)   | 466 (48%)         | 131 (13%)         | 22 (2%)          |  |
| Mean Age (years)     |                       | 81          | 73                | 76                | 78               | 9%                                     |