|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | Mitral | | Aortic | |
| *ϑmin* [°] | *ϑmax* [°] | *ϑmin* [°] | *ϑmax* [°] |
| **Healthy** | | 0 | 75 | 0 | 75 |
| **AS** | Mild | 0 | 75 | 0 | 61.58 |
| Moderate | 0 | 75 | 0 | 54.15 |
| Severe | 0 | 75 | 0 | 49.58 |
| **MS** | Mild | 0 | 57.91 | 0 | 75 |
| Moderate | 0 | 50.99 | 0 | 75 |
| Severe | 0 | 46.72 | 0 | 75 |
| **AR** | Mild | 0 | 75 | 25.27 | 75 |
| Moderate | 0 | 75 | 33.46 | 75 |
| Severe | 0 | 75 | 38.08 | 75 |
| **MR** | Mild | 28.48 | 75 | 0 | 75 |
| Moderate | 35.07 | 75 | 0 | 75 |
| Severe | 38.73 | 75 | 0 | 75 |

**Table S1. Opening angles of the simulated configurations.** Maximum (*ϑmax*) and minimum (*ϑmin*) opening angles corresponding to the healthy and twelve diseased valve conditions used in the model.