**Table S1:** Spatially averaged values of shear wave speed (SWS in m/s) and shear wave amplitude (SWA in µm) as well as liver displacement (LD in mm) for different breathing states in the breathing study.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **End-Expiration** | | |  | **End-Inspiration** | | |  | **Valsalva** | | |  | **Free breathing** | | |
|  |  | **SWS**  **in m/s** | **SWA**  **in µm** | **LD**  **in mm** |  | **SWS**  **in m/s** | **SWA**  **in µm** | **LD**  **in mm** |  | **SWS**  **in m/s** | **SWA**  **in µm** | **LD**  **in mm** |  | **SWS**  **in m/s** | **SWA**  **in µm** | **LD**  **in mm** |
| **No.** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **1** |  | **1.22** | **4.61** | **-0.96** |  | **1.89** | **5.18** | **10.90** |  | **1.67** | **7.65** | **41.56** |  | **1.34** | **5.11** | **8.08** |
| **2** |  | **1.90** | **8.34** | **2.94** |  | **2.27** | **9.63** | **25.21** |  | **1.86** | **5.10** | **27.76** |  | **2.05** | **7.35** | **5.12** |
| **3** |  | **1.31** | **15.26** | **-3.49** |  | **1.54** | **5.30** | **26.90** |  | **1.33** | **6.49** | **15.02** |  | **1.41** | **10.90** | **5.51** |
| **4** |  | **1.39** | **6.75** | **0.84** |  | **1.58** | **3.29** | **28.36** |  | **1.37** | **6.82** | **32.56** |  | **1.46** | **5.90** | **0.46** |
| **5** |  | **1.51** | **8.55** | **8.13** |  | **1.80** | **3.65** | **43.42** |  | **1.54** | **5.79** | **44.68** |  | **1.45** | **11.65** | **7.01** |
| **6** |  | **1.22** | **2.75** | **2.50** |  | **1.68** | **5.46** | **29.96** |  | **1.55** | **7.72** | **39.10** |  | **1.65** | **3.47** | **13.27** |
| **7** |  | **1.59** | **1.92** | **5.51** |  | **1.68** | **3.10** | **53.09** |  | **1.32** | **11.47** | **65.91** |  | **1.68** | **2.09** | **5.09** |
| **8** |  | **1.45** | **6.33** | **3.34** |  | **1.86** | **7.82** | **64.05** |  | **1.56** | **4.26** | **67.71** |  | **1.61** | **7.46** | **7.61** |
| **9** |  | **1.84** | **4.51** | **2.02** |  | **2.14** | **5.59** | **35.02** |  | **1.92** | **4.47** | **38.16** |  | **2.14** | **5.11** | **16.59** |
| **10** |  | **1.48** | **6.41** | **-0.61** |  | **1.94** | **7.14** | **37.84** |  | **1.87** | **5.81** | **31.50** |  | **1.40** | **7.70** | **4.35** |
| **11** |  | **1.45** | **3.79** | **1.13** |  | **1.78** | **6.11** | **35.66** |  | **1.66** | **2.98** | **14.81** |  | **1.52** | **4.28** | **8.15** |
| **Mean**  **SD** |  | **1.49**  **0.22** | **6.29**  **3.49** | **1.94**  **3.02** |  | **1.83**  **0.22** | **5.66**  **1.89** | **35,49**  **13.68** |  | **1.60**  **0.22** | **6.23**  **2.16** | **38.07 16.41** |  | **1.62**  **0.25** | **6.46**  **2.81** | **7.39**  **4.18** |