Supplemental Table 3 Comparisons of left ventricular regional strain between *TMEM70-*I147T mutation carriers and non-mutation subjects

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | CS (%) |  | RS (%) |  | LS (%) |  | 3D Strain (%) |
| Mutation | Non-mutation  | p value |  | Mutation | Non-mutation  | p value |  | Mutation | Non-mutation  | p value |  | Mutation | Non-mutation  | p value |
| ***Basal Segments*** |
| Posteroseptal | -24.88±8.62 | -23.32±3.02 | NS |  | 32.17±9.81 | 36.24±2.09 | NS |  | -16.36±5.74 | -18.24±6.36 | NS |  | -30.69±5.94 | -34.20±1.52  | NS |
| Lateral | -26.88±7.47 | -27.10±1.68 | NS |  | 40.80±9.10 | 46.00±1.63 | NS |  | -23.43±7.46 | -26.68±2.31 | NS |  | -33.61±5.97 | -33.69±0.29  | NS |
| Anterior | -30.99±3.20 | -32.29±3.22 | NS |  | 42.66±3.19 | 45.88±2.85 | NS |  | -21.83±7.08 | -21.62±4.32 | NS |  | -31.31±4.36 | -33.03±2.96  | NS |
| Inferior | -32.41±6.94 | -27.82±5.45 | NS |  | 40.55±6.39 | 45.41±7.94 | NS |  | -20.74±6.18 | -24.15±4.06 | NS |  | -35.18±3.80 | -36.38±1.75 | NS |
| Anteroseptal | -24.55±3.15 | -22.80±5.63 | NS |  | 33.19±2.76 | 36.42±5.07 | NS |  | -16.30±10.34 | -19.58±5.20 | NS |  | -31.43±3.85 | -29.30±2.06 | NS |
| Posterior | -23.05±6.14 | -25.51±3.82 | NS |  | 35.74±6.31 | 45.24±5.11 | NS |  | -24.48±6.48 | -27.50±2.71 | NS |  | -30.81±3.69 | -34.73±0.40 | NS |
| ***Mid Segments*** |  |
| Posteroseptal | -42.29±13.17 | -39.51±6.81 | NS |  | 46.94±13.24 | 48.64±5.72 | NS |  | -16.33±4.93 | -17.99±5.11 | NS |  | -49.26±8.47 | -46.39±5.97 | NS |
| Lateral | -34.89±4.60 | -32.38±4.73 | NS |  | 44.31±5.48 | 48.27±4.51 | NS |  | -15.75±5.72 | -24.21±1.26 | 0.034 |  | -38.84±5.30 | -34.82±2.48 | NS |
| Anterior | -32.93±4.31 | -28.77±4.04 | NS |  | 42.78±5.81 | 42.64±4.41 | NS |  | -19.87±4.63 | -20.14±2.58 | NS |  | -32.52±3.70 | -30.48±2.87 | NS |
| Inferior | -38.94±6.31 | -35.87±5.89 | NS |  | 48.06±7.26 | 49.14±7.07 | NS |  | -19.10±2.99 | -22.28±4.38 | NS |  | -45.64±8.36 | -41.60±5.24 | NS |
| Anteroseptal | -37.87±5.62 | -33.10±6.75 | NS |  | 44.41±4.47 | 42.70±6.41 | NS |  | -15.87±2.17 | -17.37±5.05 | NS |  | -44.06±6.38 | -35.15±5.61 | NS |
| Posterior | -29.44±5.35 | -32.92±4.00 | NS |  | 39.68±6.57 | 48.17±4.06 | NS |  | -15.82±3.36 | -23.76±2.46 | 0.019 |  | -33.86±2.13 | -36.79±3.04 | NS |
| ***Apical Segments*** |
| Septal | -40.86±12.05 | -38.05±4.91 | NS |  | 47.38±9.49 | 46.90±3.91 | NS |  | -18.87±9.14 | -17.50±4.31 | NS |  | -44.09±7.87 | -40.33±5.65 | NS |
| Lateral | -36.52±6.54 | -33.29±4.32 | NS |  | 47.66±7.94 | 48.82±6.12 | NS |  | -16.85±1.83 | -22.86±2.02 | NS |  | -38.48±6.93 | -39.32±10.05 | NS |
| Anterior | -39.75±7.06 | -31.83±3.28 | NS |  | 48.91±6.39 | 43.49±4.24 | NS |  | -17.10±2.22 | -18.11±3.41 | 0.034 |  | -42.09±5.18 | -42.71±0.44 | NS |
| Inferior | -39.82±6.09 | -36.99±5.85 | NS |  | 50.08±6.25 | 50.00±6.70 | NS |  | -18.65±6.21 | -22.29±2.76 | NS |  | -45.27±7.77 | -38.41±6.04 | NS |

Abbreviations as in table 3.