**Supplementary File 3**

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|   | **Echocardiogram** |
| WT VEH | WT JZL 184 | CD VEH | CD JZL 184 |
| IVSd/BW | 0.0181 ± 0.0002 | 0.0184 ± 0.0009 | 0.0259 ± 0.0010 \*\*\* | 0.0237 ± 0.0010 |
| LVPWd/BW | 0.0178 ± 0.0001 | 0.0186 ± 0.0008 | 0.0244 ± 0.0007 \*\*\* | 0.0227 ± 0.0012 |
| LVDd/BW | 0.1232 ± 0.0060 | 0.1349 ± 0.0065 | 0.1499 ± 0.0078 | 0.1378 ± 0.0088 |
| Lvmass/BW | 0.0224 ± 0.0005 | 0.0233 ± 0.0011 | 0.0281 ± 0.0006 \*\*\* | 0.0263 ± 0.0009 |