**Supplementary Table 3. Comparative analysis of patients with decompensated liver cirrhosis and those with compensated liver cirrhosis.**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Subgroup** | **Study** | **N** | **SVR** | **95% CI** | | ***p*-value** | ***I*2** |
| **L** | **H** |
| CC SOF-based ±RBV | 14 | 1674 | 95.8% | 94.0% | 97.3% | <0.001 | 51% |
| DC SOF-based ±RBV | 33 | 5302 | 85.1% | 82.8% | 87.3% | 74% |
| CC SOF/VEL±RBV | 1 | 44 | 93.2% | 83.4% | 99.1% | 0.52 | -% |
| DC SOF/VEL±RBV | 8 | 882 | 90.3% | 88.1% | 92.2% | 50% |
| CC SOF/LDV±RBV | 6 | 256 | 97.5% | 94.8% | 99.4% | <0.001 | 0% |
| DC SOF/LDV±RBV | 14 | 2805 | 86.6% | 85.3% | 88.0% | 8% |
| CC SOF/DCV±RBV | 10 | 1338 | 95.3% | 92.8% | 97.4% | <0.001 | 64% |
| DC SOF/DCV±RBV | 19 | 1615 | 82.4% | 78.2% | 86.2% | 72% |
| CC GT3 SOF-based ±RBV | 5 | 537 | 95.7% | 93.7% | 97.4% | <0.001 | 0% |
| DC GT3 SOF-based ±RBV | 9 | 246 | 82.0% | 76.7% | 86.9% | 0% |
| Asia CC SOF-based ±RBV | 4 | 235 | 95.4% | 89.8% | 99.0% | 0.08 | 51% |
| Asia DC SOF-based ±RBV | 11 | 877 | 87.9% | 80.4% | 94.0% | 88% |
| Asia CC SOF/DCV±RBV | 3 | 111 | 95.9% | 85.9% | 100% | 0.07 | 69% |
| Asia DC SOF/DCV±RBV | 6 | 464 | 83.6% | 70.9% | 93.% | 85% |
| no-Asia CC SOF-based±RBV | 10 | 1439 | 95.9% | 93.9% | 97.6% | <0.001 | 54% |
| no-Asia DC SOF-based ±RBV | 22 | 4425 | 84.2% | 82.4% | 86.0% | 47% |
| no-Asia CC GT3 SOF-based±RBV | 4 | 507 | 95.7% | 93.6% | 97.4% | <0.001 | 9% |
| no-Asia DC GT3 SOF-based ±RBV | 7 | 196 | 83.9% | 78.0% | 89.0% | 0% |
| no-Asia CC GT3 SOF/LDV±RBV | 2 | 83 | 97.4% | 92.0% | 100% | 0.02 | 0% |
| no-Asia DC GT3 SOF/LDV±RBV | 2 | 13 | 77.5% | 48.2% | 98.0% | 0% |
| no-Asia CC GT3 SOF/DCV±RBV | 4 | 424 | 95.6% | 93.2% | 97.5% | 0.002 | 29% |
| no-Asia DC GT3 SOF/DCV±RBV | 6 | 176 | 84.1% | 78.0% | 89.4% | 0% |

SOF, sofosbuvir; LDV, ledipasvir; VEL, velpatasvir; DCV, daclatasvir; RBV: ribavirin; SVR, sustained virologic response; Child-Pugh grade of cirrhosis, A, B, C; DC, decompensated cirrhosis; CC, compensated cirrhosis.