Supplemental Table Influence of difference patient traits on HIFU for dysmenorrheal and hypermenorrhea

| Traits                        | ΔNRS          | ΔFPS          |
|-------------------------------|---------------|---------------|
| Age                           |               |               |
| <40y (n=42)                   | -2.071±0.34   | -0.33±0.21    |
| ≥40y (n=25)                   | -1.72±0.44    | -0.76±0.23    |
| MD, 95%CI                     | 0.35(-0.76—1.46) | -0.43(-1.08—0.22) |
| BMI                           |               |               |
| <25 (n=50)                    | -2±0.32       | -0.42±0.18    |
| ≥25 (n=17)                    | -1.77±0.51    | -0.71±0.33    |
| MD, 95%CI                     | 0.24(-1.01—1.47) | -0.29(-1.01—0.44) |
| Births                        |               |               |
| <2 (n=46)                     | -1.78±0.33    | -0.5±0.19     |
| ≥2 (n=21)                     | -2.28±0.45    | -0.48±0.28    |
| MD, 95%CI                     | -0.51(-1.66—0.65) | 0.02(-0.66—0.71) |
| Therapy times                 |               |               |
| <2 (n=19)                     | -1.47±0.45    | -0.68±0.36    |
| ≥2 (n=48)                     | -2.13±0.33    | -0.42±0.17    |
| MD, 95%CI                     | -0.65(-1.84—0.53) | 0.27(-0.66—0.71) |
| Pre-therapy NRS               |               |               |
| <5 (n=17)                     | -1±0.39       | -0.76±0.29    |
| ≥5 (n=50)                     | -2.26±0.32    | -0.4±0.19     |
| MD, 95%CI                     | -1.26(-2.46——0.06) | 0.36(-0.36——1.09) |
| Pre-therapy FPS               |               |               |
| ≤2 (n=37)                     | -1.89±0.37    | 0.11±0.093    |
| >2 (n=30)                     | -2±0.39       | -1.23±0.28    |
| MD, 95%CI                     | -0.11(-1.19——0.98) | -1.34(-1.89——0.79) |
| Disease duration (years)      |               |               |
| <5 (n=30)                     | -1.87±0.45    | -0.8±0.28     |
| ≥5 (n=37)                     | -2±0.32       | -0.24±0.17    |
| MD, 95%CI                     | -0.13(-1.22——0.95) | 0.56(-0.07——1.18) |