**Table 5: Comparison of OAR doses between SeB-IMRT and SIB-IMRT1 plans**

| Structure | Dosimetric parameter | SeB-IMRT  Mean SD | SIB-IMRT1  Mean SD | p value |
| --- | --- | --- | --- | --- |
| Bowel | V40Gy | 370.62 (149.89) | 291.49 (139.16) | 0.000 |
| V30Gy | 697.45 (224.23) | 650.33 (212.76) | 0.013 |
| Bladder | V40Gy | 46.23 (12.54) | 41.37 (8.21) | 0.001 |
| V30Gy | 69.25 (13.59) | 68.51 (11.54) | 0.627 |
| Rectum | V40Gy | 60.15 (19.98) | 60.15 (19.98) | 0.308 |

**Table 6: Comparison of OAR doses between SIB-IMRT1 and SIB-IMRT2 plans**

| Structure | Dosimetric parameter | SIB-IMRT1  Mean SD | SIB-IMRT2  Mean SD | p value |
| --- | --- | --- | --- | --- |
| Bowel | V40Gy | 291.49 (139.16) | 347.03 (158.53) | 0.023 |
| V30Gy | 650.33 (212.76) | 703.35 (250.88) | 0.103 |
| Bladder | V30Gy | 68.51 (11.54) | 70.64 (13.21) | 0.167 |
| Rectum | V40Gy | 60.15 (19.98) | 57.45 (22.85) | 0.156 |
|  | V30Gy | 81.42 (12.58) | 80.65 (12.63) | 0.390 |