Supplementary Table 3: Modified prescription for the last five weeks for individuals unable to comply to at least 80% of resistance exercise prescription.

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| **Session frequency over first 3 weeks** | **Prescription****compliance over first 3 weeks** | **Exercise modifiable variables** | **Week** |
| **4** | **5** | **6** | **7** | **8** |
| > 8> 8> 8 | 100%80-99%50-79% | Sessions per week | 3 | 3 | 3 | 3 | 3 |
| Upper/lower body exercises | 3 x 12 | 3 x 10 | 3 x 10 | 3 x 10 | 3 x 8 |
| Trunk exercises | 3 x 10 | 3 x 10 | 3 x 12 | 3 x 12 | 3 x 12 |
| > 86-8 | 0-49%0-49% | Sessions per week | 2 | 2 | 2 | 2 | 2 |
| Upper/lower body exercises | 3 x 12 | 3 x 12 | 3 x 10 | 3 x 10 | 3 x 8 |
| Trunk exercises | 2 x 10 | 3 x 10 | 3 x 10 | 3 x 10 | 3 x 12 |
| 6-86-86-8 | 100%80-99%50-79% | Sessions per week | 2 | 2 | 3 | 3 | 3 |
| Upper/lower body exercises | 3 x 12 | 3 x 12 | 3 x 10 | 3 x 10 | 3 x 8 |
| Trunk exercises | 2 x 10 | 3 x 10 | 3 x 10 | 3 x 10 | 3 x 12 |
| 55 | 100%80-99% | Sessions per week | 2 | 3 | 3 | 3 | 3 |
| Upper/lower body exercises | 3 x 12 | 3 x 12 | 3 x 10 | 3 x 10 | 3 x 8 |
| Trunk exercises | 3 x 10 | 3 x 10 | 3 x 10 | 3 x 12 | 3 x 12 |
| 55 | 50-79%0-49% | Sessions per week | 2 | 2 | 2 | 2 | 2 |
| Upper/lower body exercises | 3 x 12 | 3 x 12 | 3 x 10 | 3 x 10 | 3 x 8 |
| Trunk exercises | 3 x 10 | 3 x 10 | 3 x 10 | 3 x 12 | 3 x 12 |
| 3-43-43-4 | 100%80-99%50-79% | Sessions per week | 2 | 2 | 3 | 3 | 3 |
| Upper/lower body exercises | 2 x 12 | 3 x 10 | 3 x 10 | 3 x 10 | 3 x 10 |
| Trunk exercises | 2 x 10 | 3 x 10 | 3 x 10 | 3 x 10 | 3 x 12 |
| 3-4 | 0-49% | Sessions per week | 2 | 2 | 2 | 2 | 2 |
| Upper/lower body exercises | 2 x 12 | 3 x 12 | 3 x 12 | 3 x 10 | 3 x 10 |
| Trunk exercises | 2 x 10 | 3 x 10 | 3 x 10 | 3 x 10 | 3 x 12 |
| 0-20-20-20 | 100%80-99%50-79%0-49% | Sessions per week | 2 | 2 | 2 | 2 | 2 |
| Upper/lower body exercises | 2 x 12 | 2 x 12 | 3 x 12 | 3 x 12 | 3 x 10 |
| Trunk exercises | 2 x 8 | 2 x 10 | 3 x 10 | 3 x 10 | 3 x 10 |