**Supplementary Table S1.** Definitions of severity degree in upper extremity amputation

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| Grade | Definitions |
| 1 | Amputation above the wrist joint of both arms |
| 2 | Amputation of both thumbs above the IP joint and all 2nd to 5th fingers above the PIP jointAmputation above the elbow joint of one arm |
| 3 | Amputation of both thumbs above the IP joint and the 2nd finger above the PIP jointAmputation of one thumb above the IP joint and all 2nd to 5th fingers above the PIP joint |
| 4 | Amputation of both thumbs above the IP jointAmputation of one thumb above the IP joint and the 2nd finger above the PIP jointAmputation of one thumb above the IP joint and another two fingers above the PIP joint |
| 5 | Amputation of one thumb above the IP joint and another finger above the PIP jointAmputation of one thumb above the MCP jointAmputation of three fingers including the 2nd finger above the PIP joint |
| 6 | Amputation of one thumb above the IP jointAmputation of two fingers including the 2nd finger above the PIP jointAmputation of all 3rd to 5th fingers of one hand above the PIP joint  |

IP, Interphalangeal; PIP, proximal interphalangeal; MCP, metacarpophalangeal

**Supplementary Table S2.** Definitions of severity degree in lower extremity amputation

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| Grade | Definitions |
| 1 | Amputation of both legs above the knee joint |
| 2 | Amputation of both legs above the ankle joint |
| 3 | Amputation of both legs above the transverse tarsal joint (Chopart joint)Amputation of one leg above the knee joint |
| 4 | Amputation of both legs above the tarsometatarsal joint (Lisfranc joint)Amputation of one leg above the ankle joint |
| 5 | Amputation of both big toes above the interphalangeal joint and the 2nd to 5th toes above the proximal interphalangeal jointAmputation of one leg above the transverse tarsal joint (Chopart joint) |
| 6 | Amputation of one leg above the tarsometatarsal joint (Lisfranc joint) |