

Full research article

Scientia Iranica

**Comparison of ten widely-use ergonomic risk assessment tools based on evaluations
of various manual materials handling activities**

Sadra Zargarzadeh, Mohammadreza Bahramian, Mahdi Mohseni, Navid Arjmand*

Department of Mechanical Engineering, Sharif University of Technology, Tehran, Iran

*** Corresponding Author:**

Navid Arjmand, PhD, Sharif University of Technology

Tehran, 11155-9567, Iran.

Email: arjmand@sharif.edu

Supplementary material

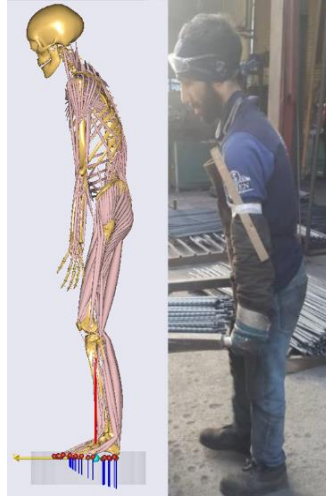
Appendix A



Figure A1. Task LF 1.



Figure A2. Task LF 2.



F Figure A3. Task LF 3.



Figure A4. Task LF 4.



Figure A5. Task LF 5.



Figure A6. Task LF 6.



Figure A7. Task LF 7.

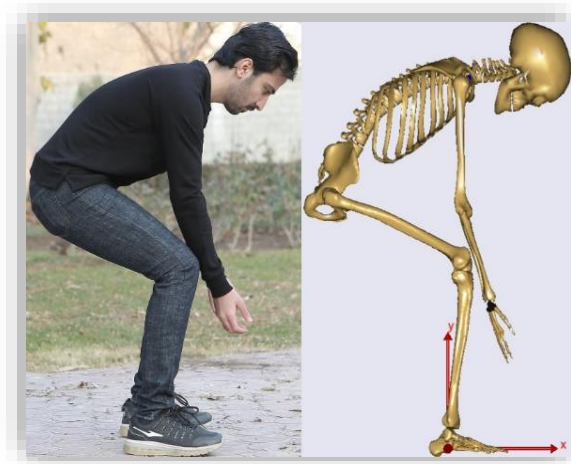


Figure A8. Task LF 8.



Fig A9. Task LF 9.



Fig A10. Task LW 1.

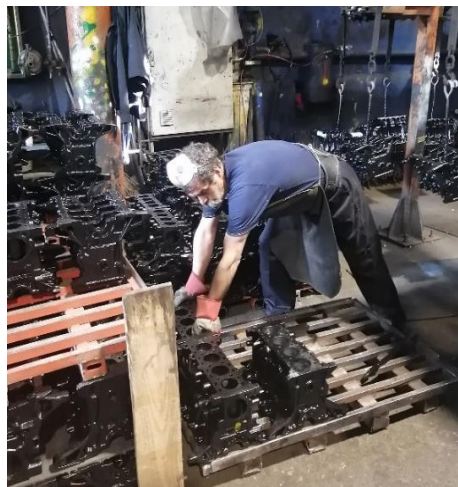


Fig A11. Task LW 2.



Fig A12. Task CR 1.



Fig A13. Task CR 2.



Fig A14. Task PL 1



Fig A15. Task PL 2.

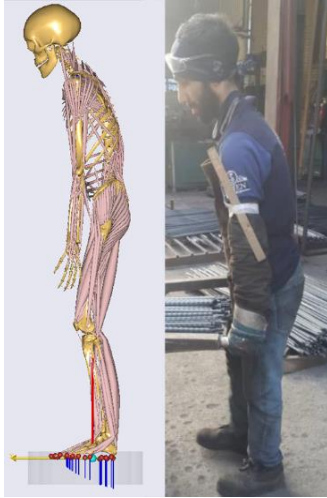


Fig A16. Task PS 1.



Fig A17. Task PS 2.



Fig A18. Task ST 1.



Fig A19. Task ST 2.



Fig A20. Task ST 3.

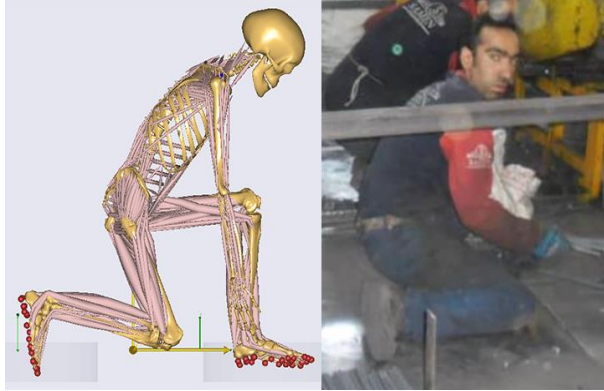


Fig A21. Task ST 4.