

# Curriculum Vitae

Zahra Shayan

Ph.D of Biostatistics

Assistant professor

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## Education:

1. B.S. (Statistics), 2002. Shiraz University of Sciences. Shiraz, Iran
2. M.S. (Biostatistics), 2007. Shiraz University of Medical Sciences. Shiraz, Iran
3. Ph.D (Biostatistics), 2012. Shiraz University of Medical Sciences Shiraz, Iran

## Thesis

### Ph.D thesis:

Modeling of Cumulative Incidence Function based on new 4-parameter log logistic distribution

### MS thesis:

Modeling and providing reference values for mid-upper arm and head circumference of Shiraz (Iran) primary school children 6-12 years.

## **Publications:**

1. **Shayan Z**, Shahkolahi Z, Ahmadlo N, Vafae L, Shayan L (2014). Prognostic Factors of Depression in Patients With Cancer Undergoing Chemotherapy and Radiotherapy. *Health Scope*, 3(4): e18609.
2. Zekavat OR, Makarem AR, **Shayan Z**, Shojaee M (2014). Obesity and overweight among primary school children in Iran. *Minerva Pediatrica*, 66(1): 1-6.
3. **Shayan Z**, Ayatollahi SMT, Zare N, Moradi F (2014). Prognostic factors of first birth interval using the parametric survival models. *Iranian Journal of Reproductive Medicine*, Vol. 12. No. 2. pp: 125-130.
4. **Shayan Z**, Ayatollahi SMT, Zare N (2011): A parametric method for cumulative incidence modeling with a new four-parameter log-logistic distribution. *Theoretical Biology and Medical Modelling*, 8(43):1-11.
5. Ayatollahi SMT, **Shayan Z** (2008). New Reference Values for Mid-Upper Arm Circumference of Shiraz (Iran) primary school children. *The European e-Journal of Clinical Nutrition and Metabolism*, 3, e72-e77.
6. **Shayan Z**, Shayan F (2007). Pattern of drug prescription in clinical ward of Motahari and Peimanie hospital in 2006. *Journal of Jahrom Medical*, 5(5): 44-50 (In Persian).
7. Mazharinia N, Aghaei S, **Shayan Z** (2007). Dermatology Life Quality Index (DLQI) scores in burn victims after revival. *Journal of Burn & care Research*, 28(2):312-317.
8. Rahiminejad M, Saleh A, Jandaghi Amirabadi Y, **Shayan Z** (2007). Evaluation of serum level of testosterone, dehydroepiandrosterone sulphate (DHEA-S) prolactin, luteinizing hormone (LH) follicle stimulating hormone (FSH) in women with hirsutism. *Journal of Jahrom Medical*, 5(5): 7-14 (Persian).
9. Ayatollahi SMT, **Shayan Z** (2006). Head Circumference Standard for School Children of Shiraz, Iran. *Journal of Tropical of pediatric*, 52(6):406-10:406-410.
10. Ayatollahi SMT, Pourahmad P, **Shayan Z** (2006). Trend in physical growth among children in southern Iran, 1988-2003. *Journal of Annals of human biology*, 33(4):510-514.
11. Ayatollahi SMT, Pourahmad P, **Shayan Z** (2006). Secular Trend in growth among school children of Shiraz (Southern Iran) born in the reconstruction period. *Medical journal of Islamic Republic of Iran*, 20(3):141.

## **Membership in professional associations and societies**

Iranian Statistical Society

Women's health bulletin (Journal)

Bulletin of emergency and trauma (Journal)

## **Teaching**

1. Postgraduate (Biostatistics), Title of lesson: Survival, Statistical methods in epidemiology, Multivariate, Biostatistics 2, Experimental design (phd).
2. Resident (School of Medicine), Title of lesson: Biostatistics
3. Postgraduate (School of Nursing), Title of lesson: Biostatistics
4. Undergraduate (School of Nursing, School of Management, School of Medicine), Title of lesson: Biostatistics
5. Undergraduate ( Jahrom Medicine University), Title of lesson: Biostatistics
6. Undergraduate ( Lar School of Nursing), Title of lesson: Biostatistics

## **Workshop**

1. Types of Variable and Sampling Methods
2. Data gathering and Analysis
3. Spss
4. Biostatistics and Working with SPSS Software

## **Presentations**

8<sup>th</sup> Iranian Statistical Conference. " Statistical models for estimate children head circumference". Shiraz University, August 22-24 2006.

## **Research interest:**

Survival – Competing Risks