



|          |                     |             |                       |                   |              |                               |           |     |        |         |                |                                  |        |       |                 |           |   |         |  |                       |
|----------|---------------------|-------------|-----------------------|-------------------|--------------|-------------------------------|-----------|-----|--------|---------|----------------|----------------------------------|--------|-------|-----------------|-----------|---|---------|--|-----------------------|
| 5        | Assari et al (20)   | 636         | Drug injectors        | 8 provinces       | 31/5 ±7/8    | +                             | +         | +   |        |         | +              |                                  |        |       |                 |           |   | +       |  | shared needles use    |
| 6        | Rezaeian et al (21) | 1200        | women                 | Sanandaj          | 29/67        |                               | +         | +   | +      |         | -              |                                  |        |       |                 | +         | + |         |  | HIV Testing           |
| 7        | Shokoohi et al (22) | 714         | Sex workers           | 14 cities of Iran | 25-34        |                               | -         |     |        |         | -              |                                  |        |       |                 | +         | + |         |  | HIV Testing           |
| 8        | Ramezani et al (23) | 1005        | truck drivers & youth | 4 cities          |              |                               |           |     |        |         | +              |                                  |        |       |                 |           | + | +       |  | Risky sexual behavior |
| 9        | Navadeh et al (24)  | 5530        | prisoners             | Iran              | 33           | -                             |           |     |        |         | +              |                                  |        |       |                 |           |   |         |  | HIV+                  |
| Variable |                     |             |                       |                   |              | Social determinants of health |           |     |        |         |                |                                  |        |       |                 |           |   |         |  |                       |
|          |                     |             |                       |                   |              | Structural SDH                |           |     |        |         |                | Intermediary determinants of SDH |        |       |                 |           |   |         |  |                       |
| N        | Article             | Sample size | studied population    | City              | Average .age | Gender                        | Education | Gob | Income | Housing | Marital Status | Risky Behaviors                  |        |       | Social. Support |           |   | Outcome |  |                       |
|          |                     |             |                       |                   |              |                               |           |     |        |         |                | IDU                              | Prison | U.S.B | Family          | Community |   |         |  |                       |

|    |                       |      |                 |            |          |   |   |   |   |   |   |   |   |   |  |   |                            |
|----|-----------------------|------|-----------------|------------|----------|---|---|---|---|---|---|---|---|---|--|---|----------------------------|
| 10 | Noorozi et al (25)    | 455  | PWID (men) 2016 | Kermanshah | 33±7     |   |   | + | - | + | + |   |   |   |  | + | Dual HIV risk              |
| 11 | Naghi et al (26)      | 6900 | Prisoners       | Tehran     | 30.7     |   |   |   |   |   |   | + | + |   |  |   | HIV+                       |
| 12 | Noroozi et al (27)    | 500  | Drug injectors  | Tehran     | 32       |   | + | - | + | + |   | + |   |   |  |   | HIV Testing AIDS           |
| 13 | Bagheri et al (28)    | 1461 | HIV+            | Shiraz     | 41.5     | + | + | + |   |   | + | + | + | + |  |   | HIV Testing AIDS           |
| 14 | Behmansh et al (29)   | 60   | Hiv+woman       | Esfahan    | 36.83    |   | + | - | + |   | - |   |   |   |  | + | Quality of life            |
| 15 | Masoodi et al (30)    | 147  | Hiv+ men        | Khorabad   | -        |   |   |   |   |   |   |   |   |   |  | + | Responsibility condom use& |
| 16 | Shushtari et al (31)  | 175  | HIV+ 2014       | Tehran     | 36       | + |   |   |   |   |   |   |   |   |  | + | Disclosure of HIV Status   |
| 17 | Zand Momen et al (32) | 400  | HIV+ 2014       | TEHRAN     | 30-39    | + | + |   |   |   | + |   |   |   |  |   | High-risk behaviors        |
| 18 | Haseli et al (33)     | 129  | HIV+            | Shiraz     | 38.9±6.7 | + | - | + |   |   | + | + |   |   |  |   | Quality of life            |

