| Population                  | Measurement            | Optimal cut-off value for undiagnosed diabetes | Sensitivity | ROC | Optimal cut-off value for prediabetes | Sensitivity | ROC | Optimal cut-off value for hyperglycemia | Sensitivity | ROC |
|-----------------------------|------------------------|-----------------------------------------------|-------------|-----|---------------------------------------|-------------|-----|----------------------------------------|-------------|-----|
| Non-Hispanic White          | HbA1c                  | 11                                            | 74.93%      | 0.76| 10                                    | NM          | 0.68|                                        |             |     |
|                             | FPG                    |                                               | NM          |     |                                       |             |     |                                        |             |     |
|                             | 2-h OGTT,              |                                               | NM          |     |                                       |             |     |                                        |             |     |
| (ADA, 2013)                 |                        |                                               |             |     |                                       |             |     |                                        |             |     |
| Non-Hispanic Black          |                        |                                               |             |     |                                       |             |     |                                        |             |     |
| Hispanics                   |                        |                                               |             |     |                                       |             |     |                                        |             |     |
| The whole US population     | Fasting glyceremia     |                                               |             |     |                                       |             |     |                                        |             |     |
| (WHO, 2006)                 |                        |                                               |             |     |                                       |             |     |                                        |             |     |
| Zhang et al., 2016          |                        |                                               |             |     |                                       |             |     |                                        |             |     |
| Employees                   |                        |                                               |             |     |                                       |             |     |                                        |             |     |
| Tankova et al., 2011        |                        |                                               |             |     |                                       |             |     |                                        |             |     |
| Gomez-Arbelaez et Colombia  |                        |                                               |             |     |                                       |             |     |                                        |             |     |
| Vandersmissen et al., 2015  |                        |                                               |             |     |                                       |             |     |                                        |             |     |
| Employees                   |                        |                                               |             |     |                                       |             |     |                                        |             |     |

Note: NM = Not mentioned.
| Study                        | Region       | Test Parameters                                                                 | Sample Size | Men % | Women % | Type A | Type B | Type C |
|------------------------------|--------------|---------------------------------------------------------------------------------|-------------|-------|---------|--------|--------|--------|
| Hellgren et al., 2012        | Swedish      | FPG 2-h OGTT (WHO, 1998)                                                        | 15          | NM    | NM      | NM     | NM     | NM     |
| Janghorbani et al., 2013     | Isfahan      | 75-g 2-h OGTT FPG HbA1c                                                         | 13          | 83.6% | 0.75    | NM     | NM     | NM     |
| García-Alcalá et al., 2012   | Mexico       | Fasting glucose and 2-hour glucose (ADA)                                         | 15          | NM    | NM      | NM     | NM     | NM     |
| Ku et al., 2013              | Philippines  | Fasting blood glucose, casual blood glucose and 2-h OGTT (ADA, 2008)             | 15          | NM    | 0.74    | 0.56   | NM     | 0.663  |
| Makrilakis et al., 2011      | Greek        | FPG and/or 2-h plasma glucose                                                   | 15          | 81.1% | 0.72    | NM     | 67.7%  | 0.716  |

**Notes:**
- **NM:** Not Mentioned
- **FPG:** Fasting plasma glucose
- **OGTT:** Oral Glucose Tolerance Test
- **HbA1c:** Glycated hemoglobin
- **ADA:** American Diabetes Association
- **WHO:** World Health Organization

**Table Values:**
- 59.8% 67.2%

**Additional Information:**
- 0.75
