

# **Synthetic Possible Patient Experience & Outcome in Healthcare System For Breast Cancer or At Risk Patients**

**By Deen**

**Note:** The following analysis data is purely synthetic and for reserach purposes only. It does not represent real-world patient experiences, but we are assuming this data was gotten from analyzing the SEERS-CAHPS Dataset to setup a standard documentation below:

Possible ratings: Excellent, Good, Average, Poor

Racial groups Addressed: White, Black, Hispanics, Asian, American Indian

\*\*I would probably add most feasible treatment option

## **White Women Breast Cancer or at Risk Patients**

### **Analysis 1: White Patient Group, Age 20 - 45**

**With a Black Clinician**

- Patient's Race: White
- Clinician's Race: Black

#### **Analysis**

1. Likelihood to Get Care Upon Diagnosis: 20%
2. Possible rating for Clinician Experience: Good
3. Probability to Come Back for Full Treatment: 40%
4. Survival Rate: 80%
5. Wait time for appointment: 2 weeks

#### **Possible Treatment Outcome:**

Based on the data, a white patient of this age with a black clinician has a 20% likelihood of receiving care promptly upon diagnosis. The patient likely rates the clinician's experience as good. There is a 40% probability that the patient will come back for full treatment, indicating a moderate likelihood of treatment completion. The survival rate for this patient group with a Black clinician is 80%, and the average wait time for an appointment is 2 weeks.

### **With a White Clinician**

- Patient's Race: White
- Clinician's Race: White

#### **Analysis**

1. Likelihood to Get Care Upon Diagnosis: 60%
2. Possible rating for Clinician Experience: Excellent
3. Probability to Come Back for Full Treatment: 80%
4. Survival Rate: 85%
5. Wait time for appointment: 1 week

#### **Possible Treatment Outcome:**

Based on the data, a white patient of this age with a white clinician has a 60% likelihood of receiving care promptly upon diagnosis. The patient likely rates the clinician's experience as excellent. There is a 80% probability that the patient will come back for full treatment, indicating a high likelihood of treatment completion. The survival rate for this patient group with a white clinician is 85%, and the average wait time for an appointment is 1 week.

### **With a Hispanic Clinician**

- Patient's Race: White
- Clinician's Race: Hispanic

#### **Analysis**

1. Likelihood to Get Care Upon Diagnosis: 55%
2. Possible rating for Clinician Experience: Average
3. Probability to Come Back for Full Treatment: 43%
4. Survival Rate: 78%
5. Wait time for appointment: 2.5 weeks

#### **Possible Treatment Outcome:**

Based on the data, a white patient of this age with a hispanic clinician has a 55% likelihood of receiving care promptly upon diagnosis. The patient likely rates the clinician's experience as average. There is a 43% probability that the patient will come back for full treatment, indicating a high likelihood of treatment completion. The survival rate for this patient group with a Hispanic clinician is 78%, and the average wait time for an appointment is 2.5 weeks.

### **With an Asian Clinician**

- Patient's Race: White
- Clinician's Race: Asian

#### **Analysis**

1. Likelihood to Get Care Upon Diagnosis: 45%
2. Possible rating for Clinician Experience: Good
3. Probability to Come Back for Full Treatment: 63%
4. Survival Rate: 88%
5. Wait time for appointment: 1.5 weeks

#### **Possible Treatment Outcome:**

Based on the data, a white patient of this age with an asian clinician has a 45% likelihood of receiving care promptly upon diagnosis. The patient likely rates the clinician's experience as average. There is a 63% probability that the patient will come back for full treatment, indicating a high likelihood of treatment completion. The survival rate for this patient group with an Asian clinician is 88%, and the average wait time for an appointment is 1.5 weeks.

### **With a American Indian Clinician**

- Patient's Race: White
- Clinician's Race: American Indian

#### **Analysis**

1. Likelihood to Get Care Upon Diagnosis: 35%
2. Possible rating for Clinician Experience: Average
3. Probability to Come Back for Full Treatment: 55%
4. Survival Rate: 75%
5. Wait time for appointment: 3 weeks

#### **Possible Treatment Outcome:**

Based on the data, a white patient of this age with an American Indian clinician has a 35% likelihood of receiving care promptly upon diagnosis. The patient likely rates the clinician's experience as average. There is a 55% probability that the patient will come back for full treatment, indicating a moderate likelihood of treatment completion. The survival rate for this patient group with an American Indian clinician is 75%, and the average wait time for an appointment is 3 weeks.

## **Analysis 2: White Breast Cancer or At Risk Patients, Age 46 - 80**

### **With a Black Clinician**

- Patient's Race: White
- Clinician's Race: Black

#### **Analysis**

1. Likelihood to Get Care Upon Diagnosis: 25%
2. Possible rating for Clinician Experience: Good
3. Probability to Come Back for Full Treatment: 45%
4. Survival Rate: 72%
5. Wait time for appointment: 2 weeks

#### **Possible Treatment Outcome:**

Based on the data, a white patient of this age with a black clinician has a 25% likelihood of receiving care promptly upon diagnosis. The patient likely rates the clinician's experience as good. There is a 45% probability that the patient will come back for full treatment, indicating a moderate likelihood of treatment completion. The survival rate for this patient group with a Black clinician is 72%, and the average wait time for an appointment is 2 weeks.

### **With a White Clinician**

- Patient's Race: White
- Clinician's Race: White

#### **Analysis**

1. Likelihood to Get Care Upon Diagnosis: 65%
2. Possible rating for Clinician Experience: Excellent
3. Probability to Come Back for Full Treatment: 85%
4. Survival Rate: 85%
5. Wait time for appointment: 1.5 weeks

#### **Possible Treatment Outcome:**

Based on the data, a white patient of this age with a white clinician has a 65% likelihood of receiving care promptly upon diagnosis. The patient likely rates the clinician's experience as excellent. There is an 85% probability that the patient will come back for full treatment, indicating a high likelihood of treatment completion. The survival rate for this patient group with a White clinician is 85%, and the average wait time for an appointment is 1.5 weeks.

### **With a Hispanic Clinician**

- Patient's Race: White
- Clinician's Race: Hispanic

#### **Analysis**

1. Likelihood to Get Care Upon Diagnosis: 60%
2. Possible rating for Clinician Experience: Average
3. Probability to Come Back for Full Treatment: 55%
4. Survival Rate: 79%
5. Wait time for appointment: 1 week

#### **Possible Treatment Outcome:**

Based on the data, a white patient of this age with a Hispanic clinician has a 60% likelihood of receiving care promptly upon diagnosis. The patient likely rates the clinician's experience as average. There is a 55% probability that the patient will come back for full treatment, indicating a moderate likelihood of treatment completion. The survival rate for this patient group with a Hispanic clinician is 79%, and the average wait time for an appointment is 1 week.

### **With an Asian Clinician**

- Patient's Race: White
- Clinician's Race: Asian

#### **Analysis**

1. Likelihood to Get Care Upon Diagnosis: 50%
2. Possible rating for Clinician Experience: Good
3. Probability to Come Back for Full Treatment: 70%
4. Survival Rate: 80%
5. Wait time for appointment: 2.5 weeks

### **Possible Treatment Outcome:**

Based on the data, a white patient of this age with an asian clinician has a 50% likelihood of receiving care promptly upon diagnosis. The patient likely rates the clinician's experience as good. There is a 70% probability that the patient will come back for full treatment, indicating a moderate to high likelihood of treatment completion. The survival rate for this patient group with an Asian clinician is 80%, and the average wait time for an appointment is 2.5 weeks.

### **With a American Indian Clinician**

- Patient's Race: White
- Clinician's Race: American Indian

### **Analysis**

1. Likelihood to Get Care Upon Diagnosis: 30%
2. Possible rating for Clinician Experience: Good
3. Probability to Come Back for Full Treatment: 50%
4. Survival Rate: 68%
5. Wait time for appointment: 3 weeks

### **Possible Treatment Outcome:**

Based on the data, a white patient of this age with an American Indian clinician has a 30% likelihood of receiving care promptly upon diagnosis. The patient likely rates the clinician's experience as good. There is a 50% probability that the patient will come back for full treatment, indicating a moderate likelihood of treatment completion. The survival rate for this patient group with an American Indian clinician is 68%, and the average wait time for an appointment is 3 weeks.

## **Black Women Breast Cancer or At Risk Patients**

### **Analysis 1: Black Patient Group, Age 20 - 45**

### **With a Black Clinician**

- Patient's Race: Black

- Clinician's Race: Black

### **Analysis**

1. Likelihood to Get Care Upon Diagnosis: 35%
2. Possible rating for Clinician Experience: Excellent
3. Probability to Come Back for Full Treatment: 60%
4. Survival Rate: 75%
5. Wait time for appointment: 1.5 weeks

### **Possible Treatment Outcome:**

Based on the data, a black patient of this age with a black clinician has a 35% likelihood of receiving care promptly upon diagnosis. The patient likely rates the clinician's experience as excellent. There is a 60% probability that the patient will come back for full treatment, indicating a moderate to high likelihood of treatment completion. The survival rate for this patient group with a Black clinician is 75%, and the average wait time for an appointment is 1.5 weeks.

## **With a White Clinician**

- Patient's Race: Black
- Clinician's Race: White

### **Analysis**

1. Likelihood to Get Care Upon Diagnosis: 25%
2. Possible rating for Clinician Experience: Good
3. Probability to Come Back for Full Treatment: 50%
4. Survival Rate: 70%
5. Wait time for appointment: 2 weeks

### **Possible Treatment Outcome:**

Based on the data, a black patient of this age with a white clinician has a 25% likelihood of receiving care promptly upon diagnosis. The patient likely rates the clinician's experience as good. There is a 50% probability that the patient will come back for full treatment, indicating a moderate likelihood of treatment completion. The survival rate for this patient group with a White clinician is 70%, and the average wait time for an appointment is 2 weeks.

### **With a Hispanic Clinician**

- Patient's Race: Black
- Clinician's Race: Hispanic

#### **Analysis**

1. Likelihood to Get Care Upon Diagnosis: 30%
2. Possible rating for Clinician Experience: Average
3. Probability to Come Back for Full Treatment: 55%
4. Survival Rate: 63%
5. Wait time for appointment: 3 weeks

#### **Possible Treatment Outcome:**

Based on the data, a black patient of this age with a Hispanic clinician has a 30% likelihood of receiving care promptly upon diagnosis. The patient likely rates the clinician's experience as average. There is a 55% probability that the patient will come back for full treatment, indicating a moderate likelihood of treatment completion. The survival rate for this patient group with a Hispanic clinician is 63%, and the average wait time for an appointment is 3 weeks.

### **With an Asian Clinician**

- Patient's Race: Black
- Clinician's Race: Asian

#### **Analysis**

1. Likelihood to Get Care Upon Diagnosis: 40%
2. Possible rating for Clinician Experience: Good
3. Probability to Come Back for Full Treatment: 65%
4. Survival Rate: 70%
5. Wait time for appointment: 2.5 weeks

#### **Possible Treatment Outcome:**

Based on the data, a black patient of this age with an Asian clinician has a 40% likelihood of receiving care promptly upon diagnosis. The patient likely rates the clinician's experience as good. There is a 65% probability that the patient will come back for full treatment, indicating a moderate to high likelihood of treatment



completion. The survival rate for this patient group with an Asian clinician is 70%, and the average wait time for an appointment is 2.5 weeks.

### **With a American Indian Clinician**

- Patient's Race: Black
- Clinician's Race: American Indian

#### **Analysis**

1. Likelihood to Get Care Upon Diagnosis: 40%
2. Possible rating for Clinician Experience: Average
3. Probability to Come Back for Full Treatment: 60%
4. Survival Rate: 65%
5. Wait time for appointment: 2 weeks

#### **Possible Treatment Outcome:**

Based on the data, a black patient of this age with a American Indian clinician has a 40% likelihood of receiving care promptly upon diagnosis. The patient likely rates the clinician's experience as average. There is a 60% probability that the patient will come back for full treatment, indicating a moderate likelihood of treatment completion. The survival rate for this patient group with a American Indian clinician is 65%, and the average wait time for an appointment is 2 weeks.

### **Analysis 2: Black Breast Cancer or At Risk Patients, Age 46 - 80**

#### **With a Black Clinician**

- Patient's Race: Black
- Clinician's Race: Black

#### **Analysis**

1. Likelihood to Get Care Upon Diagnosis: 30%
2. Possible rating for Clinician Experience: Excellent
3. Probability to Come Back for Full Treatment: 55%
4. Survival Rate: 70%
5. Wait time for appointment: 1.5 weeks

#### **Possible Treatment Outcome:**

Based on the data, a black patient of this age with a black clinician has a 30% likelihood of receiving care promptly upon diagnosis. The patient likely rates the clinician's experience as excellent. There is a 55% probability that the patient will come back for full treatment, indicating a moderate likelihood of treatment completion. The survival rate for this patient group with a Black clinician is 70%, and the average wait time for an appointment is 1.5 weeks.

### **With a White Clinician**

- Patient's Race: Black
- Clinician's Race: White

#### **Analysis**

1. Likelihood to Get Care Upon Diagnosis: 20%
2. Possible rating for Clinician Experience: Good
3. Probability to Come Back for Full Treatment: 50%
4. Survival Rate: 72%
5. Wait time for appointment: 2 weeks

#### **Possible Treatment Outcome:**

Based on the data, a black patient of this age with a white clinician has a 20% likelihood of receiving care promptly upon diagnosis. The patient likely rates the clinician's experience as good. There is a 50% probability that the patient will come back for full treatment, indicating a moderate likelihood of treatment completion. The survival rate for this patient group with a White clinician is 72%, and the average wait time for an appointment is 2 weeks.

### **With a Hispanic Clinician**

- Patient's Race: Black
- Clinician's Race: Hispanic

#### **Analysis**

1. Likelihood to Get Care Upon Diagnosis: 25%
2. Possible rating for Clinician Experience: Average
3. Probability to Come Back for Full Treatment: 45%
4. Survival Rate: 59%
5. Wait time for appointment: 2 weeks

**Possible Treatment Outcome:**

Based on the data, a black patient of this age with a Hispanic clinician has a 25% likelihood of receiving care promptly upon diagnosis. The patient likely rates the clinician's experience as average. There is a 45% probability that the patient will come back for full treatment, indicating a moderate likelihood of treatment completion. The survival rate for this patient group with a Hispanic clinician is 59%, and the average wait time for an appointment is 2 weeks.

**With an Asian Clinician**

- Patient's Race: Black
- Clinician's Race: Asian

**Analysis**

1. Likelihood to Get Care Upon Diagnosis: 35%
2. Possible rating for Clinician Experience: Good
3. Probability to Come Back for Full Treatment: 60%
4. Survival Rate: 62%
5. Wait time for appointment: 1 week

**Possible Treatment Outcome:**

Based on the data, a black patient of this age with an Asian clinician has a 35% likelihood of receiving care promptly upon diagnosis. The patient likely rates the clinician's experience as good. There is a 60% probability that the patient will come back for full treatment, indicating a moderate to high likelihood of treatment completion. The survival rate for this patient group with an Asian clinician is 62%, and the average wait time for an appointment is 1 week.

**With a American Indian Clinician**

- Patient's Race: Black
- Clinician's Race: American Indian

**Analysis**

1. Likelihood to Get Care Upon Diagnosis: 35%
2. Possible rating for Clinician Experience: Good
3. Probability to Come Back for Full Treatment: 50%
4. Survival Rate: 63%

5. Wait time for appointment: 3 weeks

**Possible Treatment Outcome:**

Based on the data, a black patient of this age with an American Indian clinician has a 35% likelihood of receiving care promptly upon diagnosis. The patient likely rates the clinician's experience as good. There is a 50% probability that the patient will come back for full treatment, indicating a moderate likelihood of treatment completion. The survival rate for this patient group with an American Indian clinician is 63%, and the average wait time for an appointment is 3 weeks.

## **Hispanic Women Breast Cancer or At Risk Patients:**

### **Analysis 1: Hispanic Patient Group, Age 20 - 45**

**With a Black Clinician**

- Patient's Race: Hispanic
- Clinician's Race: Black

**Analysis**

1. Likelihood to Get Care Upon Diagnosis: 45%
2. Possible rating for Clinician Experience: Average
3. Probability to Come Back for Full Treatment: 70%
4. Survival Rate: 82%
5. Wait time for appointment: 3 weeks

**Possible Treatment Outcome:**

Based on the data, a Hispanic patient of this age with a Black clinician has a 45% likelihood of receiving care promptly upon diagnosis. The patient likely rates the clinician's experience as average. There is a 70% probability that the patient will come back for full treatment, indicating a moderate to high likelihood of treatment completion. The survival rate for this patient group with a Black clinician is 82%, and the average wait time for an appointment is 3 weeks.

**With a White Clinician**

- Patient's Race: Hispanic

- Clinician's Race: White

### **Analysis**

1. Likelihood to Get Care Upon Diagnosis: 50%
2. Possible rating for Clinician Experience: Good
3. Probability to Come Back for Full Treatment: 75%
4. Survival Rate: 77%
5. Wait time for appointment: 1 week

### **Possible Treatment Outcome:**

Based on the data, a Hispanic patient of this age with a white clinician has a 50% likelihood of receiving care promptly upon diagnosis. The patient likely rates the clinician's experience as good. There is a 75% probability that the patient will come back for full treatment, indicating a high likelihood of treatment completion. The survival rate for this patient group with a White clinician is 77%, and the average wait time for an appointment is 1 week.

### **With a Hispanic Clinician**

- Patient's Race: Hispanic
- Clinician's Race: Hispanic

### **Analysis**

1. Likelihood to Get Care Upon Diagnosis: 60%
2. Possible rating for Clinician Experience: Excellent
3. Probability to Come Back for Full Treatment: 80%
4. Survival Rate: 80%
5. Wait time for appointment: 1.5 weeks

### **Possible Treatment Outcome:**

Based on the data, a Hispanic patient of this age with a Hispanic clinician has a 60% likelihood of receiving care promptly upon diagnosis. The patient likely rates the clinician's experience as excellent. There is an 80% probability that the patient will come back for full treatment, indicating a high likelihood of treatment completion. The survival rate for this patient group with a Hispanic clinician is 80%, and the average wait time for an appointment is 1.5 weeks.

### **With an Asian Clinician**

- Patient's Race: Hispanic
- Clinician's Race: Asian

### **Analysis**

1. Likelihood to Get Care Upon Diagnosis: 55%
2. Possible rating for Clinician Experience: Good
3. Probability to Come Back for Full Treatment: 75%
4. Survival Rate: 82%
5. Wait time for appointment: 2.5 weeks

### **Possible Treatment Outcome:**

Based on the data, a Hispanic patient of this age with an Asian clinician has a 55% likelihood of receiving care promptly upon diagnosis. The patient likely rates the clinician's experience as good. There is a 75% probability that the patient will come back for full treatment, indicating a high likelihood of treatment completion. The survival rate for this patient group with an Asian clinician is 82%, and the average wait time for an appointment is 2.5 weeks.

### **With a American Indian Clinician**

- Patient's Race: Hispanic
- Clinician's Race: American Indian

### **Analysis**

1. Likelihood to Get Care Upon Diagnosis: 45%
2. Possible rating for Clinician Experience: Average
3. Probability to Come Back for Full Treatment: 70%
4. Survival Rate: 79%
5. Wait time for appointment: 3 weeks

### **Possible Treatment Outcome:**

Based on the data, a Hispanic patient of this age with an American Indian clinician has a 45% likelihood of receiving care promptly upon diagnosis. The patient likely rates the clinician's experience as average. There is a 70% probability that the patient will come back for full treatment, indicating a moderate to high likelihood of treatment completion. The survival rate for this patient group

with an American Indian clinician is 79%, and the average wait time for an appointment is 3 weeks.

## **Analysis 2: Hispanic Breast Cancer or At Risk Patients, Age 46 - 80**

### **With a Black Clinician**

- Patient's Race: Hispanic
- Clinician's Race: Black

#### **Analysis**

1. Likelihood to Get Care Upon Diagnosis: 50%
2. Possible rating for Clinician Experience: Good
3. Probability to Come Back for Full Treatment: 75%
4. Survival Rate: 71%
5. Wait time for appointment: 2.5 weeks

#### **Possible Treatment Outcome:**

Based on the data, a Hispanic patient of this age with a Black clinician has a 50% likelihood of receiving care promptly upon diagnosis. The patient likely rates the clinician's experience as good. There is a 75% probability that the patient will come back for full treatment, indicating a high likelihood of treatment completion. The survival rate for this patient group with a Black clinician is 71%, and the average wait time for an appointment is 2.5 weeks.

### **With a White Clinician**

- Patient's Race: Hispanic
- Clinician's Race: White

#### **Analysis**

1. Likelihood to Get Care Upon Diagnosis: 55%
2. Possible rating for Clinician Experience: Good
3. Probability to Come Back for Full Treatment: 80%
4. Survival Rate: 62%
5. Wait time for appointment: 2 weeks

#### **Possible Treatment Outcome:**

Based on the data, a Hispanic patient of this age with a white clinician has a 55% likelihood of receiving care promptly upon diagnosis. The patient likely rates the clinician's experience as good. There is an 80% probability that the patient will come back for full treatment, indicating a high likelihood of treatment completion. The survival rate for this patient group with a White clinician is 62%, and the average wait time for an appointment is 2 weeks.

### **With a Hispanic Clinician**

- Patient's Race: Hispanic
- Clinician's Race: Hispanic

#### **Analysis**

1. Likelihood to Get Care Upon Diagnosis: 60%
2. Possible rating for Clinician Experience: Excellent
3. Probability to Come Back for Full Treatment: 85%
4. Survival Rate: 75%
5. Wait time for appointment: 1 week

#### **Possible Treatment Outcome:**

Based on the data, a Hispanic patient of this age with a Hispanic clinician has a 60% likelihood of receiving care promptly upon diagnosis. The patient likely rates the clinician's experience as excellent. There is an 85% probability that the patient will come back for full treatment, indicating a high likelihood of treatment completion. The survival rate for this patient group with a Hispanic clinician is 75%, and the average wait time for an appointment is 1 week.

### **With an Asian Clinician**

- Patient's Race: Hispanic
- Clinician's Race: Asian

#### **Analysis**

1. Likelihood to Get Care Upon Diagnosis: 55%
2. Possible rating for Clinician Experience: Good
3. Probability to Come Back for Full Treatment: 80%
4. Survival Rate: 76%
5. Wait time for appointment: 3 weeks



**Possible Treatment Outcome:**

Based on the data, a Hispanic patient of this age with an Asian clinician has a 55% likelihood of receiving care promptly upon diagnosis. The patient likely rates the clinician's experience as good. There is an 80% probability that the patient will come back for full treatment, indicating a high likelihood of treatment completion. The survival rate for this patient group with an Asian clinician is 76%, and the average wait time for an appointment is 3 weeks.

**With a American Indian Clinician**

- Patient's Race: Hispanic
- Clinician's Race: American Indian

**Analysis**

1. Likelihood to Get Care Upon Diagnosis: 45%
2. Possible rating for Clinician Experience: Average
3. Probability to Come Back for Full Treatment: 70%
4. Survival Rate: 71%
5. Wait time for appointment: 2.5 weeks

**Possible Treatment Outcome:**

Based on the data, a Hispanic patient of this age with an American Indian clinician has a 45% likelihood of receiving care promptly upon diagnosis. The patient likely rates the clinician's experience as average. There is a 70% probability that the patient will come back for full treatment, indicating a moderate to high likelihood of treatment completion. The survival rate for this patient group with an American Indian clinician is 71%, and the average wait time for an appointment is 2.5 weeks.

**Asian Women Breast Cancer or At Risk Patients:****Analysis 1: Asian Patient Group, Age 20 - 45****With a Black Clinician**

- Patient's Race: Asian

- Clinician's Race: Black

### **Analysis**

1. Likelihood to Get Care Upon Diagnosis: 55%
2. Possible rating for Clinician Experience: Good
3. Probability to Come Back for Full Treatment: 75%
4. Survival Rate: 82%
5. Wait time for appointment: 2 weeks

### **Possible Treatment Outcome**

Based on the data, an Asian patient of this age with a Black clinician has a 55% likelihood of receiving care promptly upon diagnosis. The patient likely rates the clinician's experience as good. There is a 75% probability that the patient will come back for full treatment, indicating a high likelihood of treatment completion. The survival rate for this patient group with a Black clinician is 82%, and the average wait time for an appointment is 2 weeks.

### **With a White Clinician**

- Patient's Race: Asian
- Clinician's Race: White

### **Analysis**

1. Likelihood to Get Care Upon Diagnosis: 60%
2. Possible rating for Clinician Experience: Excellent
3. Probability to Come Back for Full Treatment: 80%
4. Survival Rate: 78%
5. Wait time for appointment: 1 week

### **Possible Treatment Outcome:**

Based on the data, an Asian patient of this age with a white clinician has a 60% likelihood of receiving care promptly upon diagnosis. The patient likely rates the clinician's experience as excellent. There is an 80% probability that the patient will come back for full treatment, indicating a high likelihood of treatment completion. The survival rate for this patient group with a White clinician is 78%, and the average wait time for an appointment is 1 week.

### **With a Hispanic Clinician**

- Patient's Race: Asian
- Clinician's Race: Hispanic

### **Analysis**

1. Likelihood to Get Care Upon Diagnosis: 65%
2. Possible rating for Clinician Experience: Good
3. Probability to Come Back for Full Treatment: 85%
4. Survival Rate: 86%
5. Wait time for appointment: 2 weeks

### **Possible Treatment Outcome:**

Based on the data, an Asian patient of this age with a Hispanic clinician has a 65% likelihood of receiving care promptly upon diagnosis. The patient likely rates the clinician's experience as good. There is an 85% probability that the patient will come back for full treatment, indicating a high likelihood of treatment completion. The survival rate for this patient group with a Hispanic clinician is 86%, and the average wait time for an appointment is 2 weeks.

### **With an Asian Clinician**

- Patient's Race: Asian
- Clinician's Race: Asian

### **Analysis**

1. Likelihood to Get Care Upon Diagnosis: 70%
2. Possible rating for Clinician Experience: Excellent
3. Probability to Come Back for Full Treatment: 90%
4. Survival Rate: 92%
5. Wait time for appointment: 1.5 weeks

### **Possible Treatment Outcome:**

Based on the data, an Asian patient of this age with an Asian clinician has a 70% likelihood of receiving care promptly upon diagnosis. The patient likely rates the clinician's experience as excellent. There is a 90% probability that the patient will come back for full treatment, indicating a high likelihood of treatment completion. The survival rate for this patient group with an Asian clinician is 92%, and the average wait time for an appointment is 1.5 weeks.

### **With a American Indian Clinician**

- Patient's Race: Asian
- Clinician's Race: American Indian

#### **Analysis**

1. Likelihood to Get Care Upon Diagnosis: 60%
2. Possible rating for Clinician Experience: Good
3. Probability to Come Back for Full Treatment: 75%
4. Survival Rate: 80%
5. Wait time for appointment: 3 weeks

#### **Possible Treatment Outcome:**

Based on the data, an Asian patient of this age with an American Indian clinician has a 60% likelihood of receiving care promptly upon diagnosis. The patient likely rates the clinician's experience as good. There is a 75% probability that the patient will come back for full treatment, indicating a high likelihood of treatment completion. The survival rate for this patient group with an American Indian clinician is 80%, and the average wait time for an appointment is 3 weeks.

### **Analysis 2: Asian Breast Cancer or At Risk Patients, Age 46 - 80**

#### **With a Black Clinician**

- Patient's Race: Asian
- Clinician's Race: Black

#### **Analysis**

1. Likelihood to Get Care Upon Diagnosis: 65%
2. Possible rating for Clinician Experience: Good
3. Probability to Come Back for Full Treatment: 85%
4. Survival Rate: 82%
5. Wait time for appointment: 1.5 weeks

#### **Possible Treatment Outcome:**

Based on the data, an Asian patient of this age with a Black clinician has a 65% likelihood of receiving care promptly upon diagnosis. The patient likely rates the clinician's experience as good. There is an 85% probability that the patient will come back for full treatment, indicating a high likelihood of treatment completion. The survival rate for this patient group with a Black clinician is 82%, and the average wait time for an appointment is 1.5 weeks.

### **With a White Clinician**

- Patient's Race: Asian
- Clinician's Race: White

#### **Analysis**

1. Likelihood to Get Care Upon Diagnosis: 70%
2. Possible rating for Clinician Experience: Excellent
3. Probability to Come Back for Full Treatment: 90%
4. Survival Rate: 80%
5. Wait time for appointment: 2 weeks

#### **Possible Treatment Outcome:**

Based on the data, an Asian patient of this age with a white clinician has a 70% likelihood of receiving care promptly upon diagnosis. The patient likely rates the clinician's experience as excellent. There is a 90% probability that the patient will come back for full treatment, indicating a high likelihood of treatment completion. The survival rate for this patient group with a White clinician is 80%, and the average wait time for an appointment is 2 weeks.

### **With a Hispanic Clinician**

- Patient's Race: Asian
- Clinician's Race: Hispanic

#### **Analysis**

1. Likelihood to Get Care Upon Diagnosis: 75%
2. Possible rating for Clinician Experience: Good

3. Probability to Come Back for Full Treatment: 85%
4. Survival Rate: 88%
5. Wait time for appointment: 2 weeks

**Possible Treatment Outcome:**

Based on the data, an Asian patient of this age with a Hispanic clinician has a 75% likelihood of receiving care promptly upon diagnosis. The patient likely rates the clinician's experience as good. There is an 85% probability that the patient will come back for full treatment, indicating a high likelihood of treatment completion. The survival rate for this patient group with a Hispanic clinician is 88%, and the average wait time for an appointment is 2 weeks.

**With an Asian Clinician**

- Patient's Race: Asian
- Clinician's Race: Asian

**Analysis**

1. Likelihood to Get Care Upon Diagnosis: 80%
2. Possible rating for Clinician Experience: Excellent
3. Probability to Come Back for Full Treatment: 95%
4. Survival Rate: 85%
5. Wait time for appointment: 1 week

**Possible Treatment Outcome:**

Based on the data, an Asian patient of this age with an Asian clinician has an 80% likelihood of receiving care promptly upon diagnosis. The patient likely rates the clinician's experience as excellent. There is a 95% probability that the patient will come back for full treatment, indicating a high likelihood of treatment completion. The survival rate for this patient group with an Asian clinician is 85%, and the average wait time for an appointment is 1 week.

**With a American Indian Clinician**

- Patient's Race: Asian
- Clinician's Race: American Indian

**Analysis**

1. Likelihood to Get Care Upon Diagnosis: 75%
2. Possible rating for Clinician Experience: Good
3. Probability to Come Back for Full Treatment: 85%
4. Survival Rate: 74%
5. Wait time for appointment: 2.5 weeks

**Possible Treatment Outcome:**

Based on the data, an Asian patient of this age with an American Indian clinician has a 75% likelihood of receiving care promptly upon diagnosis. The patient likely rates the clinician's experience as good. There is an 85% probability that the patient will come back for full treatment, indicating a high likelihood of treatment completion. The survival rate for this patient group with an American Indian clinician is 74%, and the average wait time for an appointment is 2.5 weeks.

## **American Indian Women Breast Cancer or At Risk Patients:**

### **Analysis 1:** American Indian Patient Group, Age 20 - 45

#### **With a Black Clinician**

- Patient's Race: American Indian
- Clinician's Race: Black

**Analysis:**

1. Likelihood to Get Care Upon Diagnosis: 50%
2. Possible rating for Clinician Experience: Good
3. Probability to Come Back for Full Treatment: 70%
4. Survival Rate: 85%
5. Wait time for appointment: 2 weeks

**Possible Treatment Outcome:**

Based on the data, an American Indian patient of this age with a Black clinician has a 50% likelihood of receiving care promptly upon diagnosis. The patient likely rates the clinician's experience as good. There is a 70% probability that the patient will come back for full treatment, indicating a high likelihood of treatment completion. The survival rate for this patient group with a Black clinician is 85%, and the average wait time for an appointment is 2 weeks.

### **With a White Clinician**

- Patient's Race: American Indian
- Clinician's Race: White

#### **Analysis:**

1. Likelihood to Get Care Upon Diagnosis: 55%
2. Possible rating for Clinician Experience: Excellent
3. Probability to Come Back for Full Treatment: 80%
4. Survival Rate: 80%
5. Wait time for appointment: 1 week

#### **Possible Treatment Outcome:**

Based on the data, an American Indian patient of this age with a White clinician has a 55% likelihood of receiving care promptly upon diagnosis. The patient likely rates the clinician's experience as excellent. There is an 80% probability that the patient will come back for full treatment, indicating a high likelihood of treatment completion. The survival rate for this patient group with a White clinician is 80%, and the average wait time for an appointment is 1 week.

### **With a Hispanic Clinician**

- Patient's Race: American Indian
- Clinician's Race: Hispanic

#### **Analysis:**

1. Likelihood to Get Care Upon Diagnosis: 60%
2. Possible rating for Clinician Experience: Good
3. Probability to Come Back for Full Treatment: 75%
4. Survival Rate: 88%
5. Wait time for appointment: 2 weeks

#### **Possible Treatment Outcome:**

Based on the data, an American Indian patient of this age with a Hispanic clinician has a 60% likelihood of receiving care promptly upon diagnosis. The patient likely rates the clinician's experience as good. There is a 75% probability that the patient will come back for full treatment, indicating a high likelihood of



treatment completion. The survival rate for this patient group with a Hispanic clinician is 88%, and the average wait time for an appointment is 2 weeks.

### **With an Asian Clinician**

- Patient's Race: American Indian
- Clinician's Race: Asian

#### **Analysis:**

1. Likelihood to Get Care Upon Diagnosis: 65%
2. Possible rating for Clinician Experience: Excellent
3. Probability to Come Back for Full Treatment: 85%
4. Survival Rate: 82%
5. Wait time for appointment: 1.5 weeks

#### **Possible Treatment Outcome:**

Based on the data, an American Indian patient of this age with an Asian clinician has a 65% likelihood of receiving care promptly upon diagnosis. The patient likely rates the clinician's experience as excellent. There is an 85% probability that the patient will come back for full treatment, indicating a high likelihood of treatment completion. The survival rate for this patient group with an Asian clinician is 82%, and the average wait time for an appointment is 1.5 weeks.

### **With a American Indian Clinician**

- Patient's Race: American Indian
- Clinician's Race: American Indian

#### **Analysis:**

1. Likelihood to Get Care Upon Diagnosis: 70%
2. Possible rating for Clinician Experience: Excellent
3. Probability to Come Back for Full Treatment: 90%
4. Survival Rate: 80%
5. Wait time for appointment: 1 week

#### **Possible Treatment Outcome:**

Based on the data, an American Indian patient of this age with an American Indian clinician has a 70% likelihood of receiving care promptly upon diagnosis. The patient likely rates the clinician's experience as excellent. There is a 90% probability that the patient will come back for full treatment, indicating a high likelihood of treatment completion. The survival rate for this patient group with an American Indian clinician is 80%, and the average wait time for an appointment is 1 week.

## **Analysis 2: American Indian Breast Cancer or At Risk Patients, Age 46-80**

### **With a Black Clinician**

- Patient's Race: American Indian
- Clinician's Race: Black

#### **Analysis:**

1. Likelihood to Get Care Upon Diagnosis: 55%
2. Possible rating for Clinician Experience: Good
3. Probability to Come Back for Full Treatment: 75%
4. Survival Rate: 80%
5. Wait time for appointment: 2 weeks

#### **Possible Treatment Outcome:**

Based on the data, an American Indian patient with breast cancer or at risk within the age group 46-80 and a Black clinician has a 55% likelihood of receiving care promptly upon diagnosis. The patient likely rates the clinician's experience as good. There is a 75% probability that the patient will come back for full treatment, indicating a high likelihood of treatment completion. The survival rate for this patient group with a Black clinician is 80%, and the average wait time for an appointment is 2 weeks.

### **With a White Clinician**

- Patient's Race: American Indian
- Clinician's Race: White

#### **Analysis:**

1. Likelihood to Get Care Upon Diagnosis: 60%
2. Possible rating for Clinician Experience: Excellent
3. Probability to Come Back for Full Treatment: 80%
4. Survival Rate: 79%
5. Wait time for appointment: 1 week

#### **Possible Treatment Outcome:**

Based on the data, a American Indian patient with breast cancer or at risk within the age group 46-80 and a White clinician has a 60% likelihood of receiving care promptly upon diagnosis. The patient likely rates the clinician's experience as excellent. There is an 80% probability that the patient will come back for full treatment, indicating a high likelihood of treatment completion. The survival rate for this patient group with a White clinician is 79%, and the average wait time for an appointment is 1 week.

#### **With a Hispanic Clinician**

- Patient's Race: American Indian
- Clinician's Race: Hispanic

#### **Analysis:**

1. Likelihood to Get Care Upon Diagnosis: 65%
2. Possible rating for Clinician Experience: Good
3. Probability to Come Back for Full Treatment: 85%
4. Survival Rate: 82%
5. Wait time for appointment: 2 weeks

#### **Possible Treatment Outcome:**

Based on the data, an American Indian patient with breast cancer or at risk within the age group 46-80 and a Hispanic clinician has a 65% likelihood of receiving care promptly upon diagnosis. The patient likely rates the clinician's experience as good. There is an 85% probability that the patient will come back for full treatment, indicating a high likelihood of treatment completion. The survival rate for this patient group with a Hispanic clinician is 82%, and the average wait time for an appointment is 2 weeks.

#### **With an Asian Clinician**

- Patient's Race: American Indian
- Clinician's Race: Asian

### **Analysis:**

1. Likelihood to Get Care Upon Diagnosis: 70%
2. Possible rating for Clinician Experience: Excellent
3. Probability to Come Back for Full Treatment: 90%
4. Survival Rate: 77%
5. Wait time for appointment: 1.5 weeks

### **Possible Treatment Outcome:**

Based on the data, an American Indian patient with breast cancer or at risk within the age group 46-80 and an Asian clinician has a 70% likelihood of receiving care promptly upon diagnosis. The patient likely rates the clinician's experience as excellent. There is a 90% probability that the patient will come back for full treatment, indicating a high likelihood of treatment completion. The survival rate for this patient group with an Asian clinician is 77%, and the average wait time for an appointment is 1.5 weeks.

## **With a American Indian Clinician**

- Patient's Race: American Indian
- Clinician's Race: American Indian

### **Analysis:**

1. Likelihood to Get Care Upon Diagnosis: 75%
2. Possible rating for Clinician Experience: Excellent
3. Probability to Come Back for Full Treatment: 95%
4. Survival Rate: 78%
5. Wait time for appointment: 1 week

### **Possible Treatment Outcome:**

Based on the data, an American Indian patient with breast cancer or at risk within the age group 46-80 and an American Indian clinician has a 75% likelihood of receiving care promptly upon diagnosis. The patient likely rates the clinician's experience as excellent. There is a 95% probability that the patient will come back for full treatment, indicating a high likelihood of treatment completion. The

survival rate for this patient group with an American Indian clinician is 78%, and the average wait time for an appointment is 1 week.