

Table III: Population estimates of the likelihood of having a *BRCA1* or *BRCA2* mutation

Among the general population, the likelihood of having any BRCA mutation is as follows:

- General population (excluding Ashkenazim): about 1 in 400 (~0.25%).
- Women with breast cancer (any age): 1 in 50 (2%).
- Women with breast cancer (younger than 40 years): 1 in 10 (10%).
- Men with breast cancer (any age): 1 in 20 (5%).
- Women with ovarian cancer (any age): 1 in 8 to 1 in 10 (10%–15%).

Among Ashkenazi Jewish individuals, the likelihood of having any BRCA mutation is as follows:

- General Ashkenazi Jewish population: 1 in 40 (2.5%).
- Women with breast cancer (any age): 1 in 10 (10%).
- Women with breast cancer (younger than 40 years): 1 in 3 (30%–35%).
- Men with breast cancer (any age): 1 in 5 (19%).
- Women with ovarian/tubal cancer or primary peritoneal cancer (all ages): 1 in 2-3 (36%–50%).