



# Questionnaire results

Simple sources and preprocessor

# Simple sources and preprocessor

- In order to inject at the origin a pencil beam of 200 GeV/c protons along the Y axis:
  - A) the use of the BEAM card is not enough: 10 (38.46%)
  - B) the use of the BEAMPOS card is not enough: 3 (11.54%)
  - C) the use of the BEAMAXES card is not enough: 3 (11.54%)
  - D) the corresponding kinetic energy has to be input: 3 (11.54%)
  - E) none of the above: 7 (26.92%)
- The BEAM card (by itself) does not allow to get:
  - A) beam particles of different energy: 1 (3.85%)
  - B) a circular beam spot: 1 (3.85%)
  - C) multiple particle types at the same time: 12 (46.15%)
  - D) beam particles with different directions: 7 (26.92%)
  - E) none of the above: 5 (19.23%)

# Simple sources and preprocessor

- In the case of a spherical surface source (FLOOD):
  - A) primary particles are directed radially: 8 (30.77%)
  - B) primary particles can escape the sphere: 10 (38.46%)
  - C) the source is always centered around the origin of the geometry: 6 (23.08%)
  - D) the BEAM card is useless: 1 (3.85%)
  - E) none of the above: 1 (3.85%)
- The definition directive's (#define) value:
  - A) has to be provided: 4 (15.38%)
  - B) can be used the conditional directives: 13 (50%)
  - C) can only be a number: 0 (0%)
  - D) can be used in the other cards with the % symbol: 3 (11.54%)
  - E) none of the above: 6 (23.08%)

# Simple sources and preprocessor

- The conditional directives (`#if`, `#elif`, `#else`, `#endif`):
  - A) can't be nested: 2 (7.69%)
  - B) can be nested only once: 1 (3.85%)
  - C) can be nested up to 10 levels: 16 (61.54%)
  - D) can be nested without limit: 7 (26.92%)

