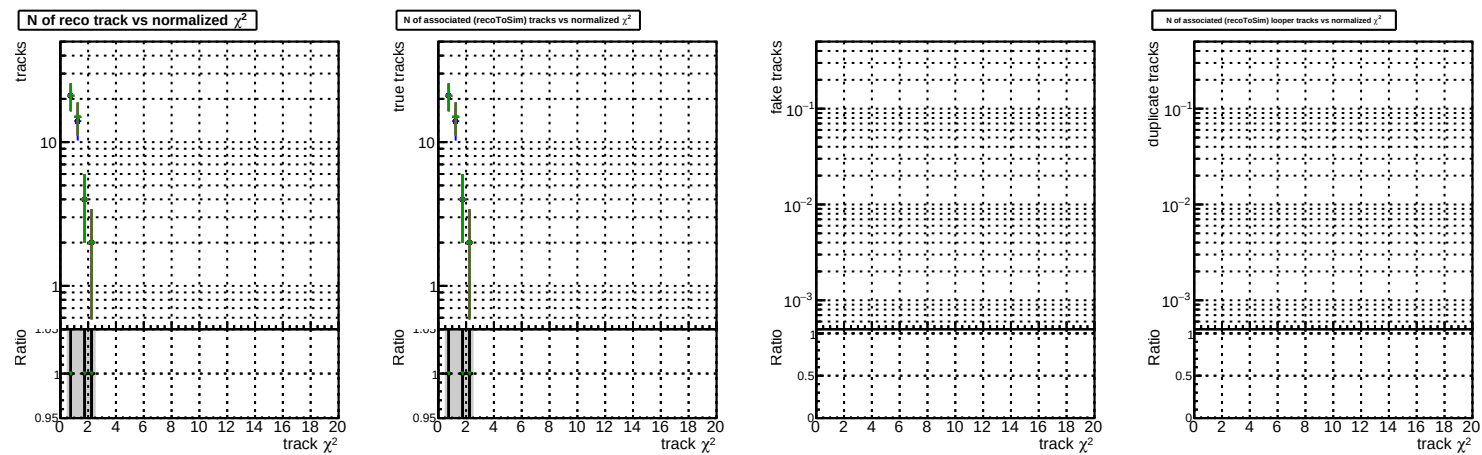




Legend for the plots:

- Red line: χ^2 in [0, 1]
- Blue line: χ^2 in (1, 2]
- Green line: χ^2 in (2, 3]
- Yellow line: χ^2 in (3, 4]
- Orange line: χ^2 in (4, 5]
- Purple line: χ^2 in (5, 6]
- Brown line: χ^2 in (6, 7]
- Pink line: χ^2 in (7, 8]
- Gray line: χ^2 in (8, 9]
- Light blue line: χ^2 in (9, 10]
- Light green line: χ^2 in (10, 11]
- Light yellow line: χ^2 in (11, 12]
- Light orange line: χ^2 in (12, 13]
- Light purple line: χ^2 in (13, 14]
- Light brown line: χ^2 in (14, 15]
- Light pink line: χ^2 in (15, 16]
- Light gray line: χ^2 in (16, 17]
- Light light blue line: χ^2 in (17, 18]
- Light light green line: χ^2 in (18, 19]
- Light light yellow line: χ^2 in (19, 20]

