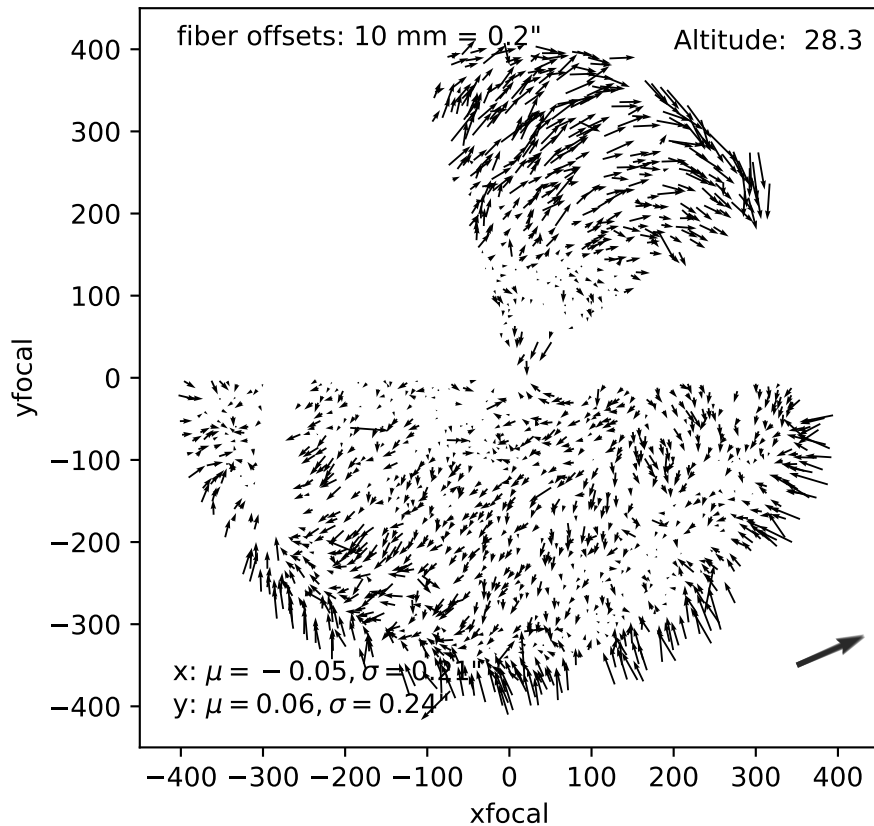
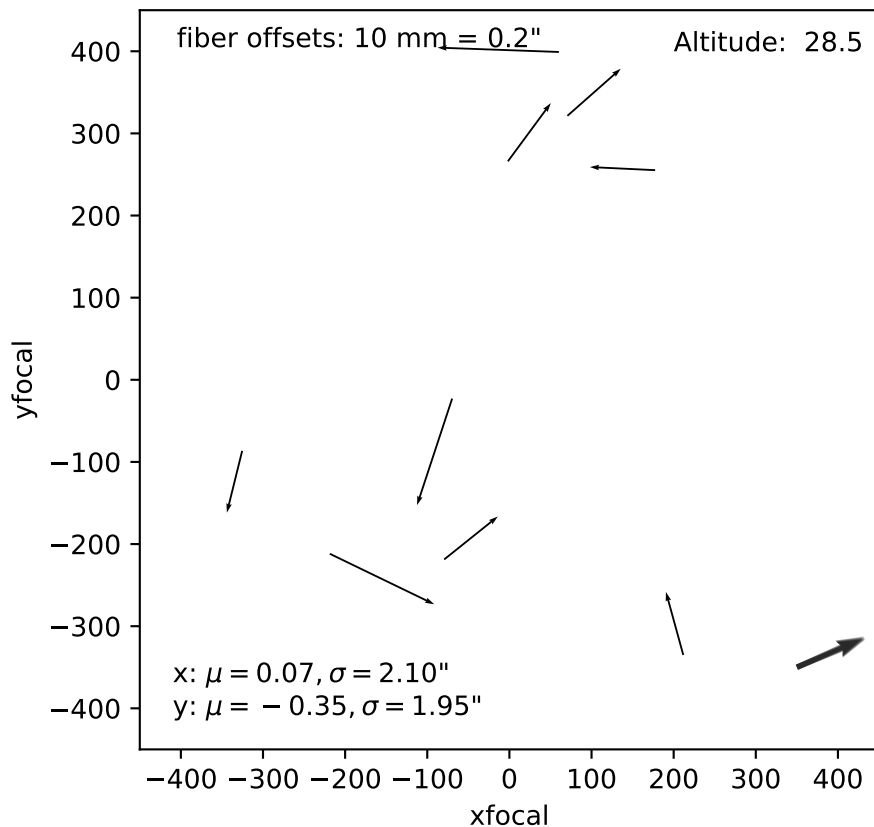
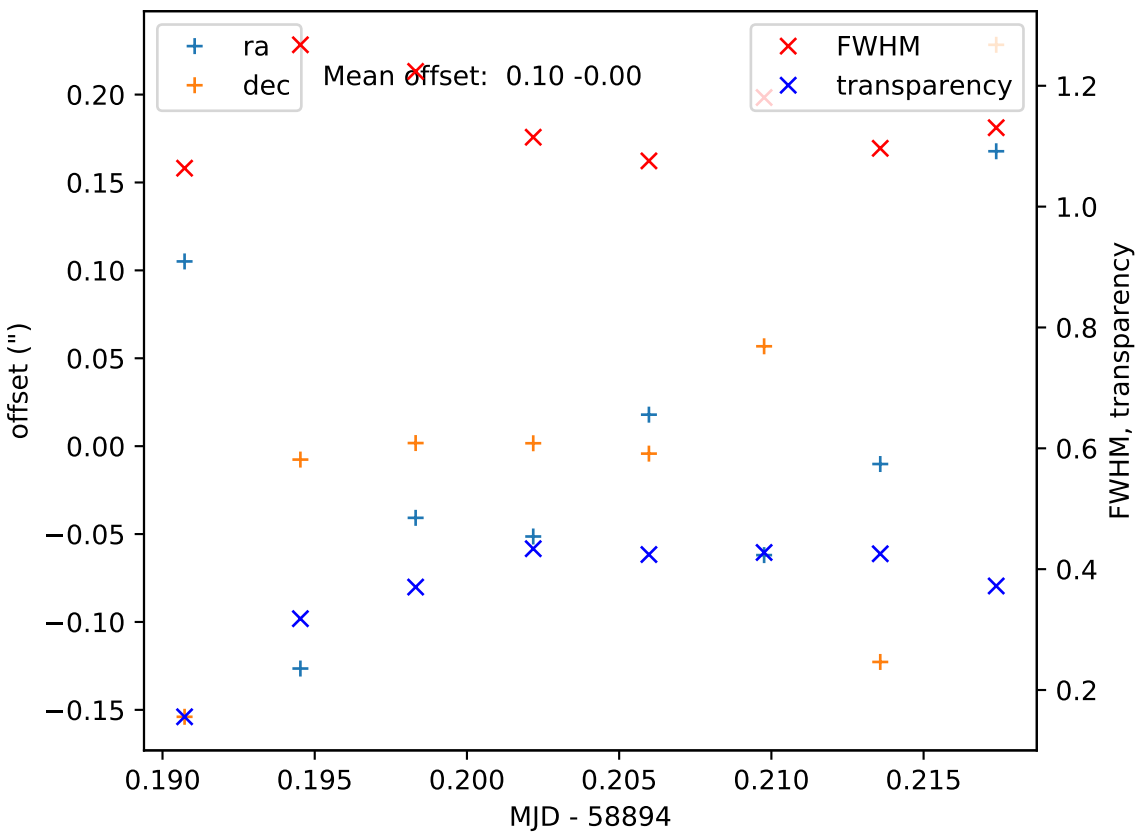


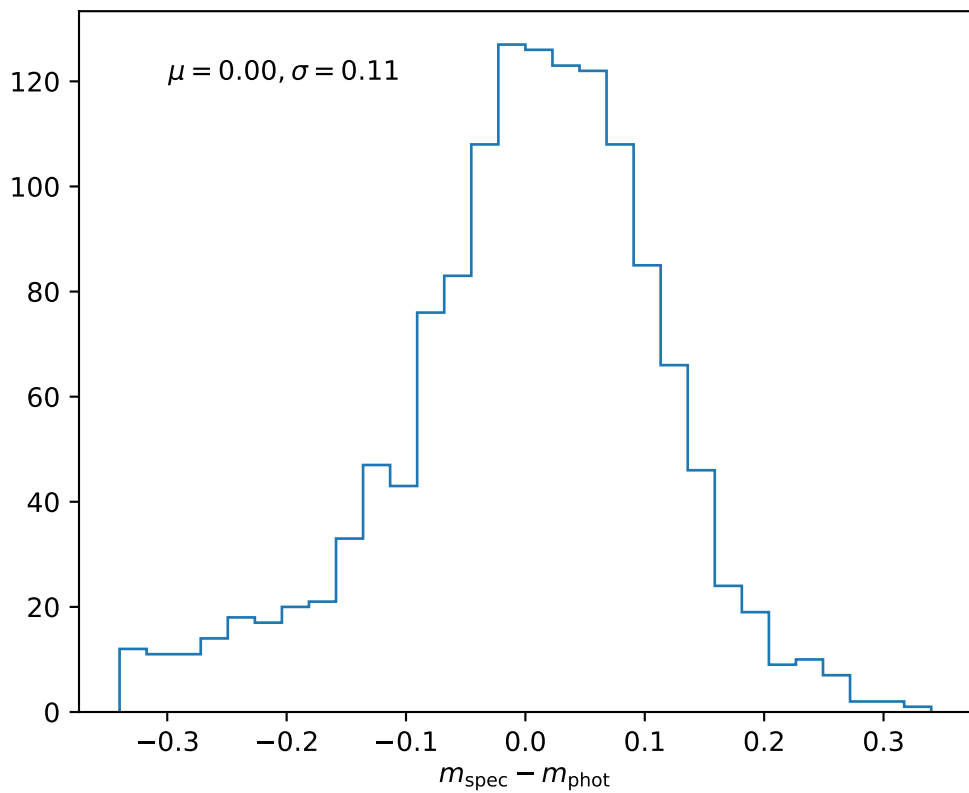
dither20200214-63237-lowsnr-Z (clipped)



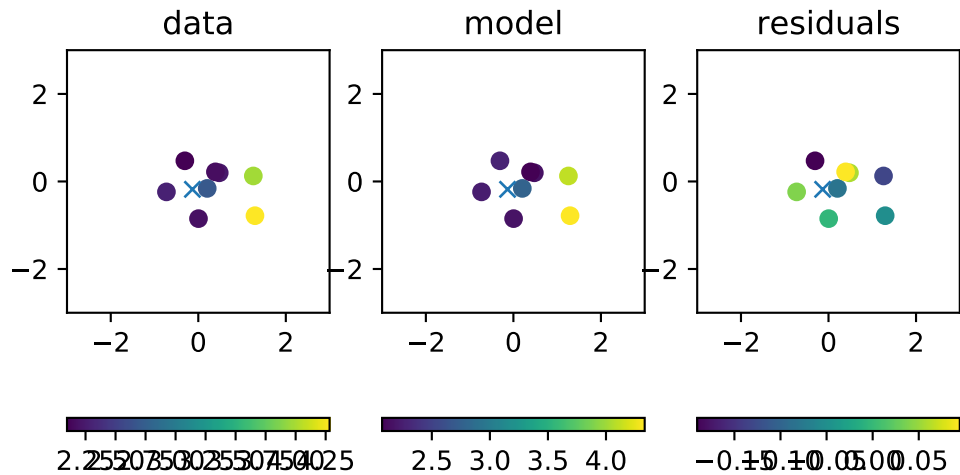
dither20200214-63237-lowsnr-Z (outliers)



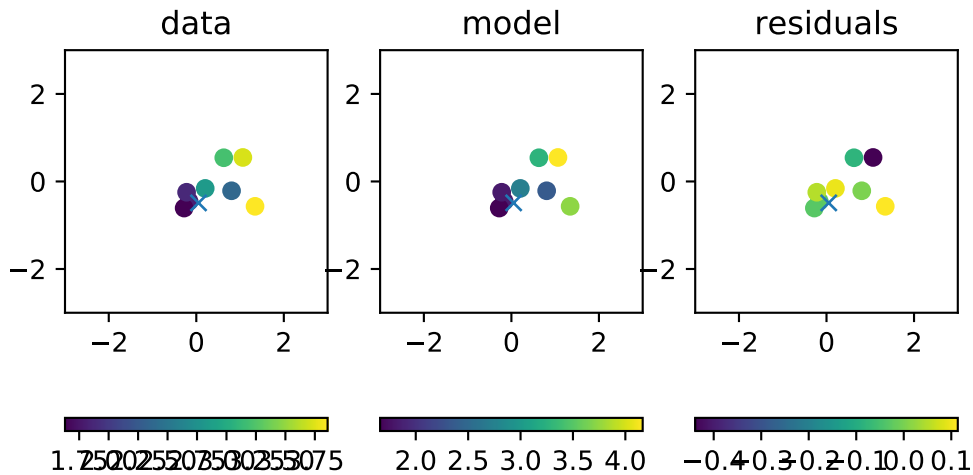




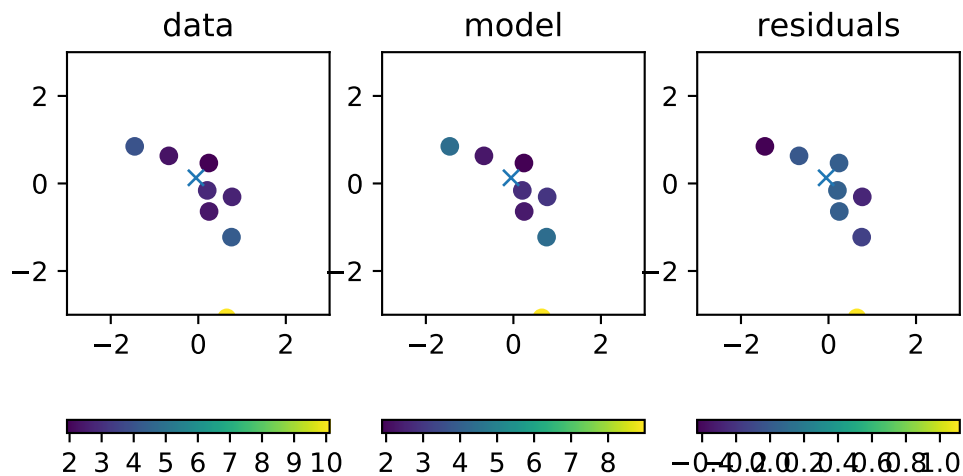
Fiber 401, dchi2frac= 1.0



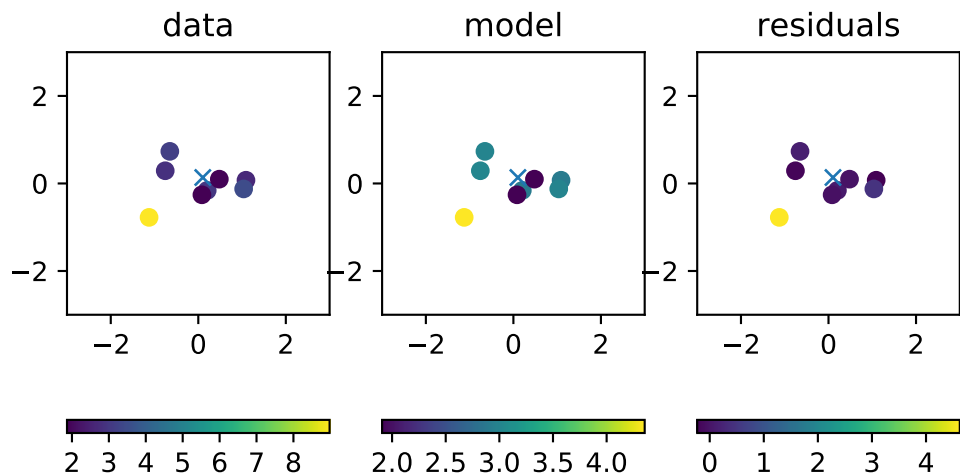
Fiber 4737, dchi2frac= 1.0



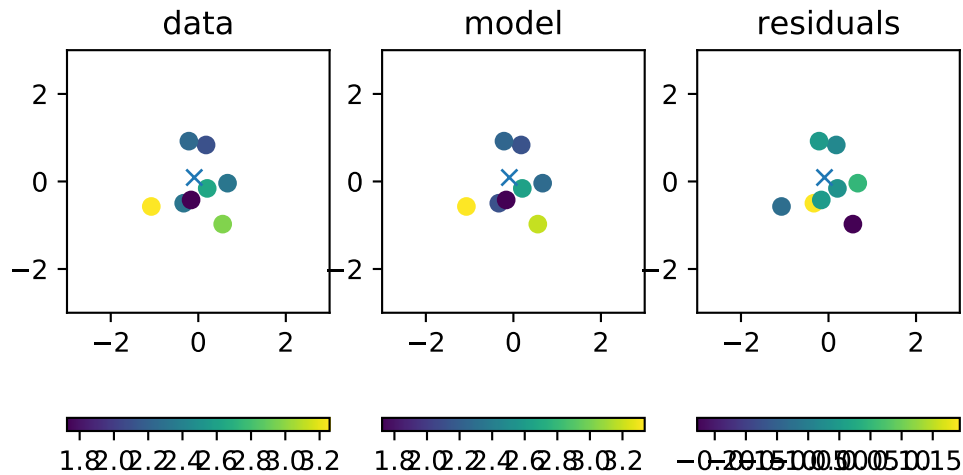
Fiber 439, dchi2frac= 1.0



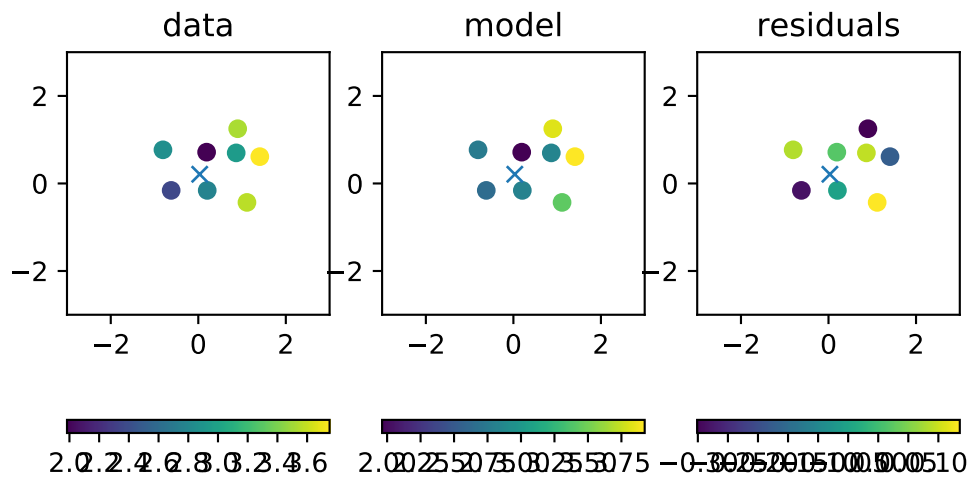
Fiber 1257, dchi2frac= 1.0



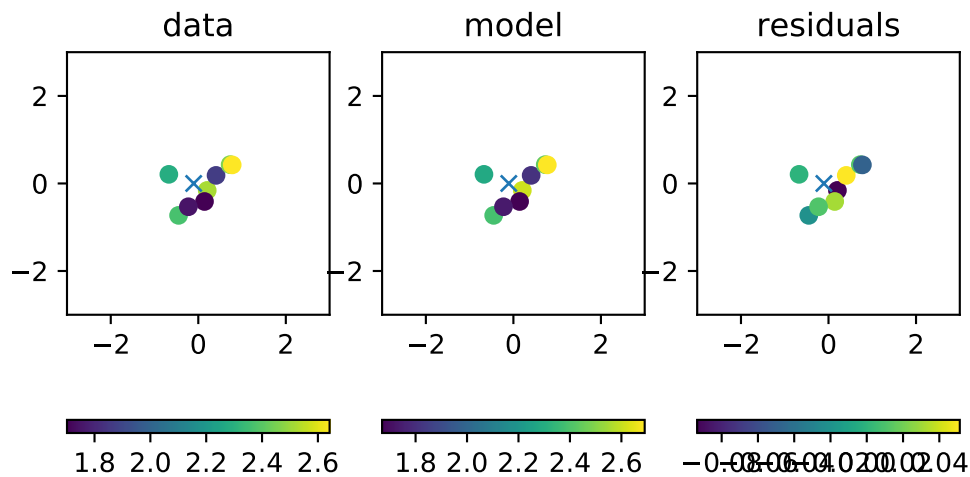
Fiber 166, dchi2frac= 1.0



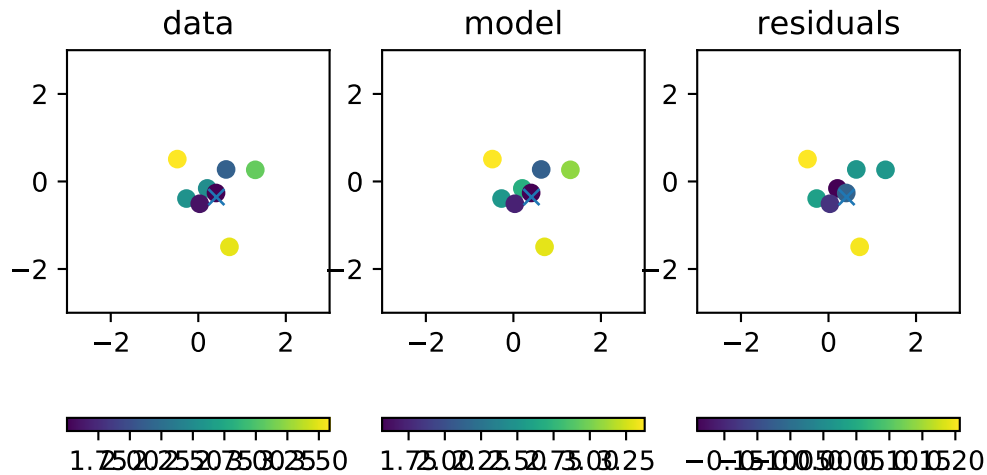
Fiber 1028, dchi2frac= 1.0



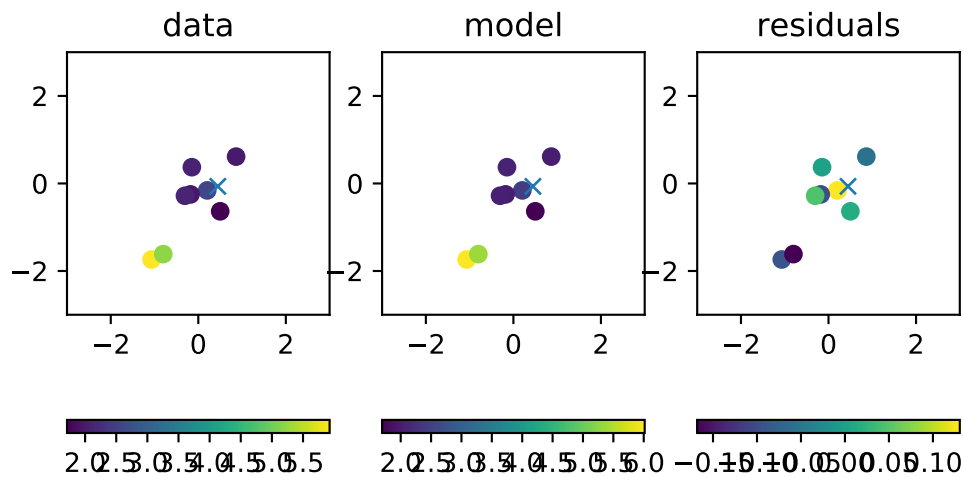
Fiber 61, dchi2frac= 1.0



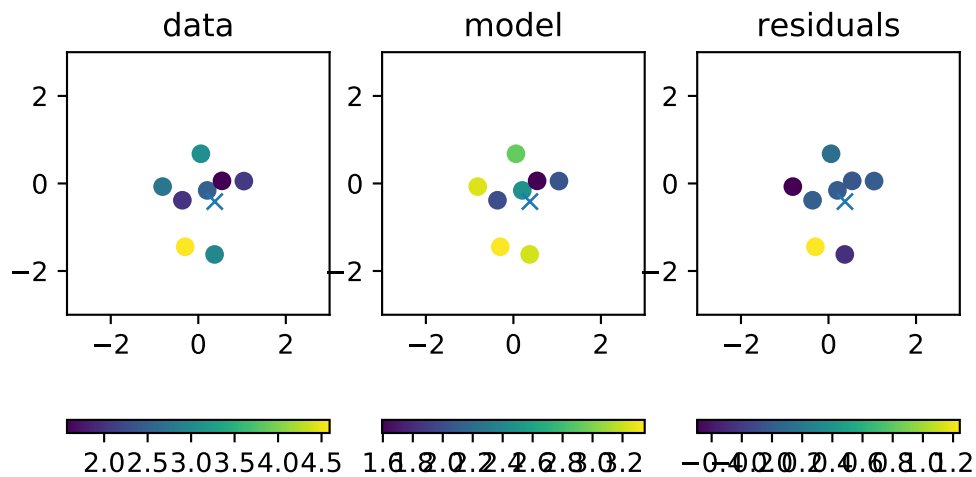
Fiber 2899, dchi2frac= 1.0



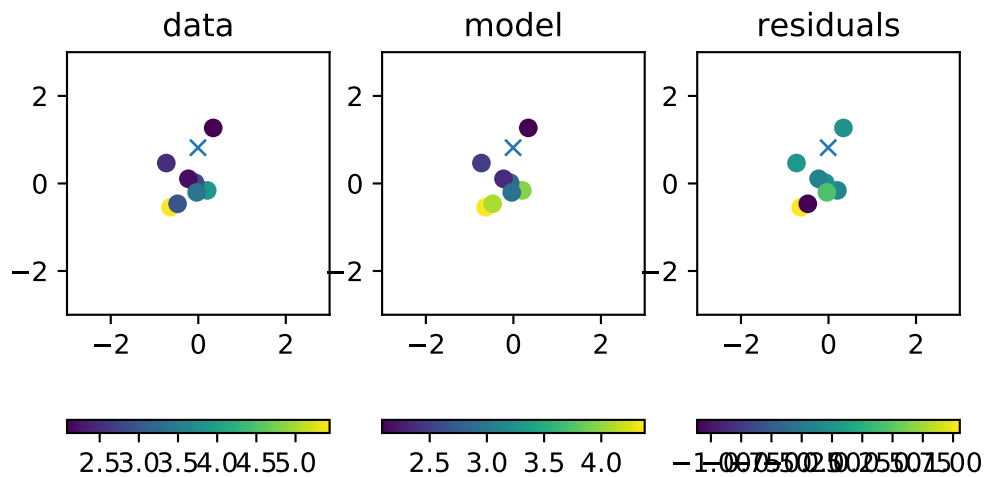
Fiber 2404, dchi2frac= 1.0



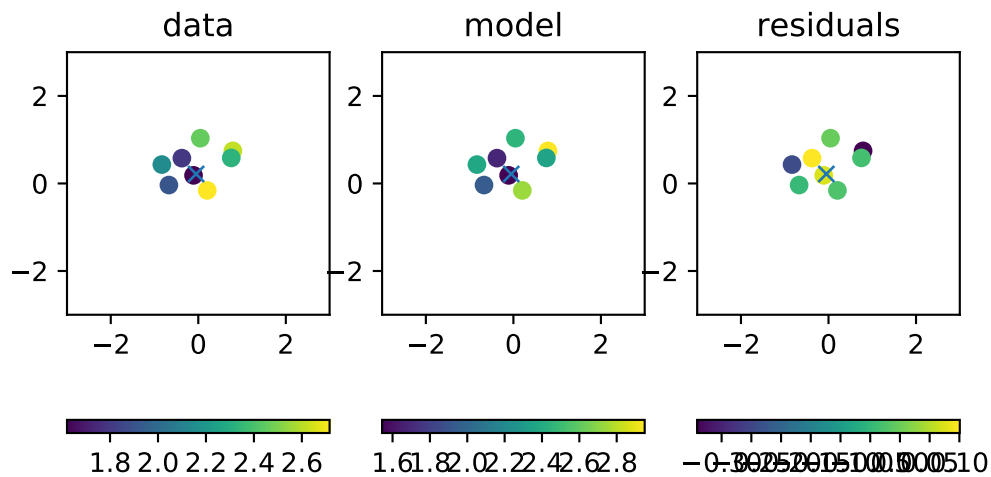
Fiber 2568, dchi2frac= 1.0



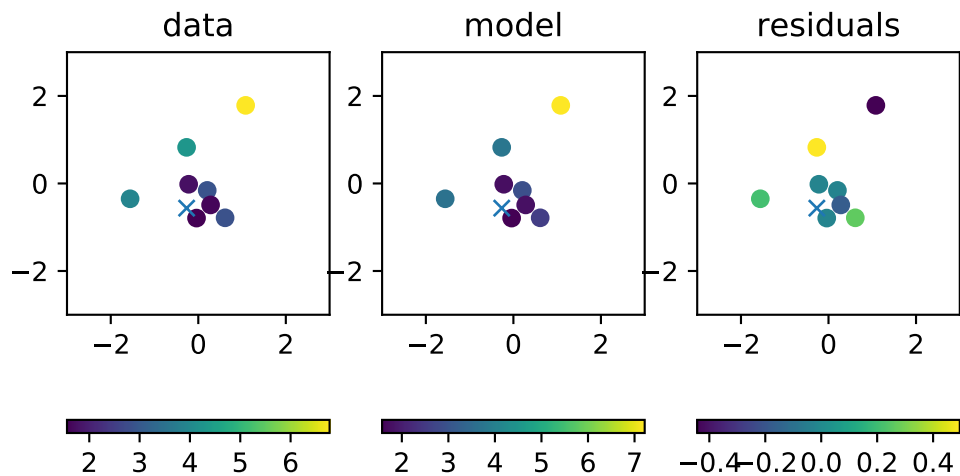
Fiber 2159, dchi2frac= 1.0



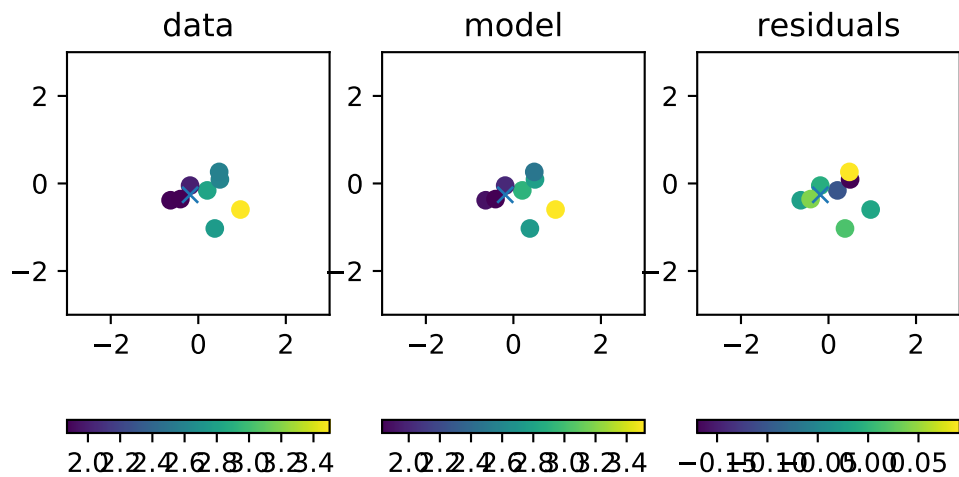
Fiber 4676, dchi2frac= 1.0



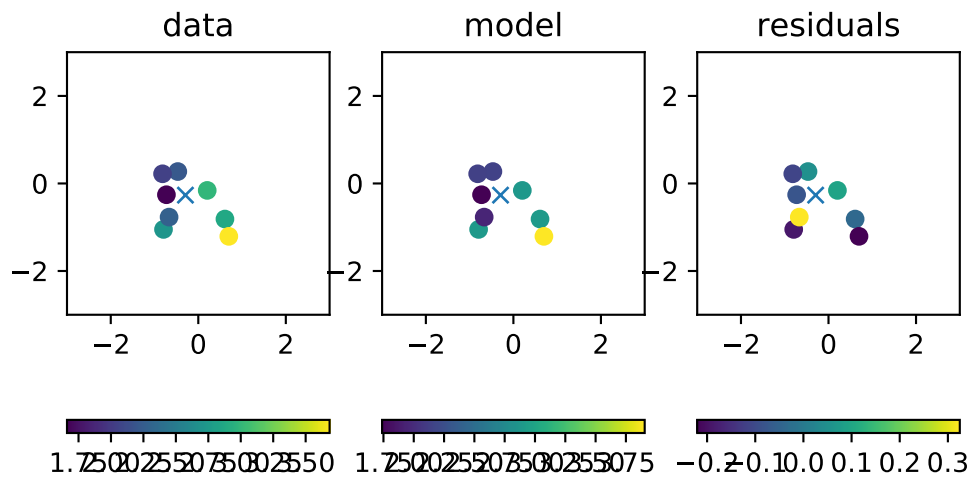
Fiber 547, dchi2frac= 1.0



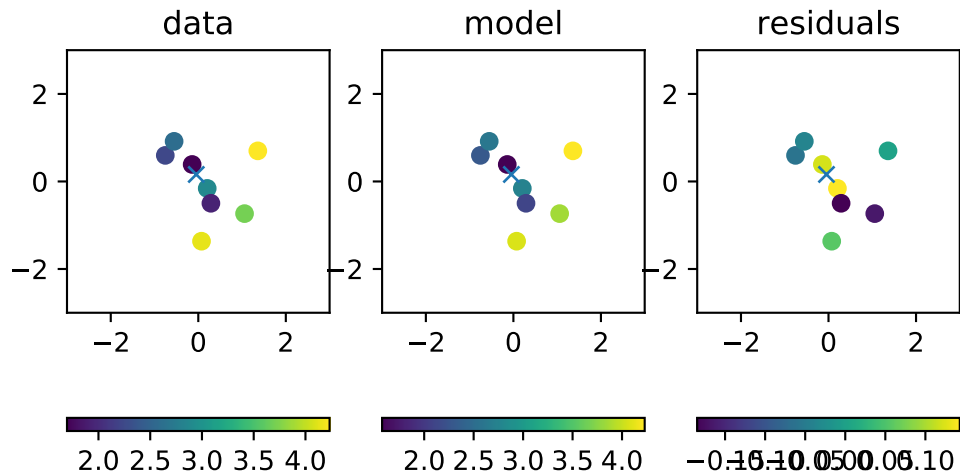
Fiber 1183, dchi2frac= 1.0



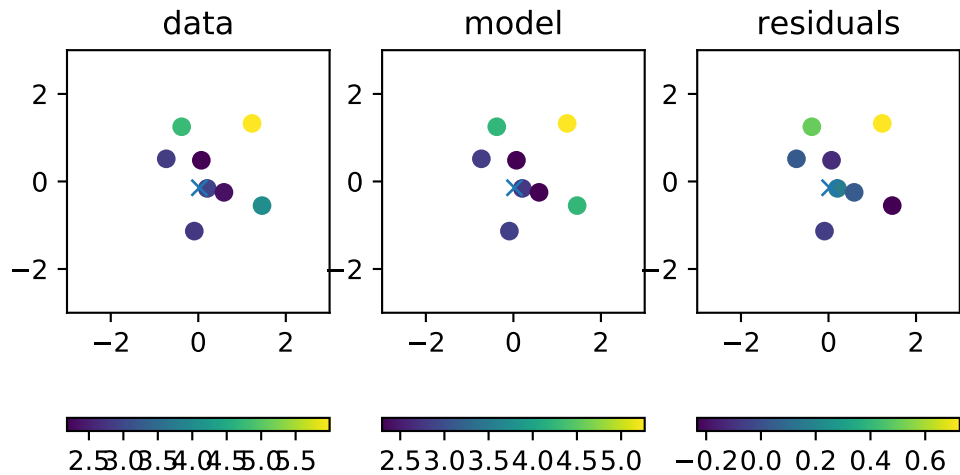
Fiber 1204, dchi2frac= 1.0



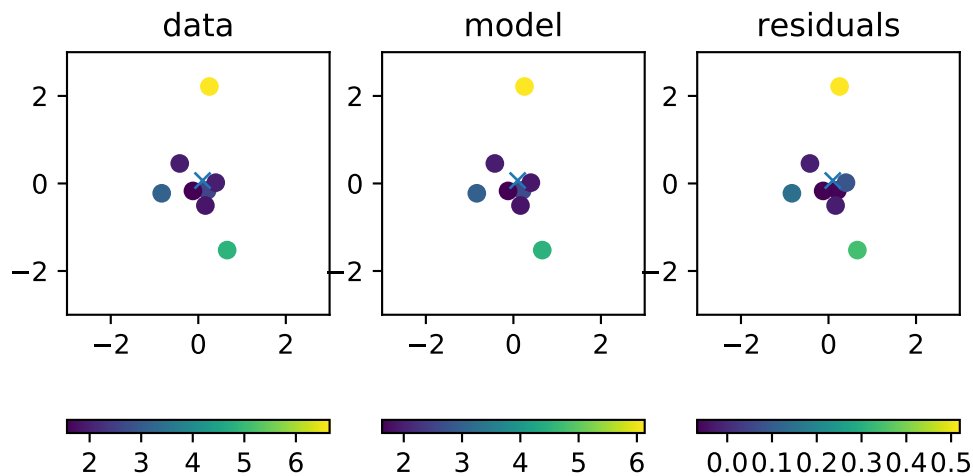
Fiber 1471, dchi2frac= 1.0



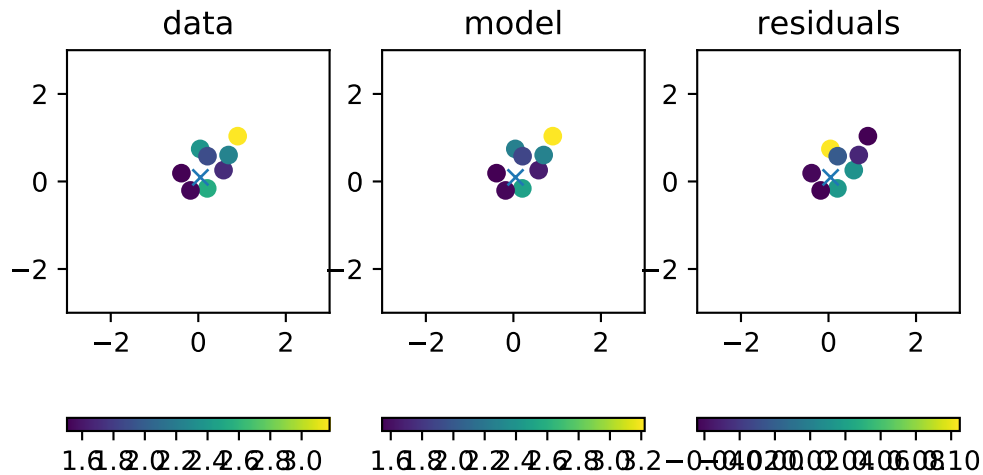
Fiber 835, dchi2frac= 1.0



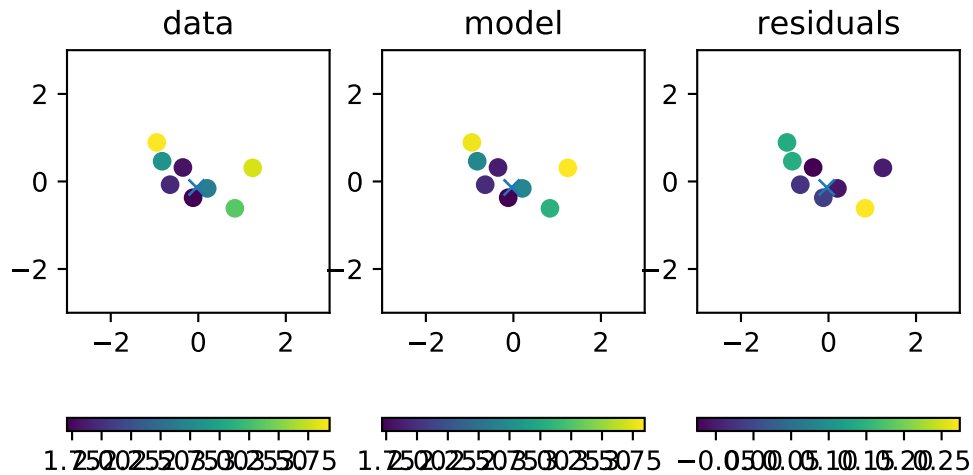
Fiber 2266, dchi2frac= 1.0



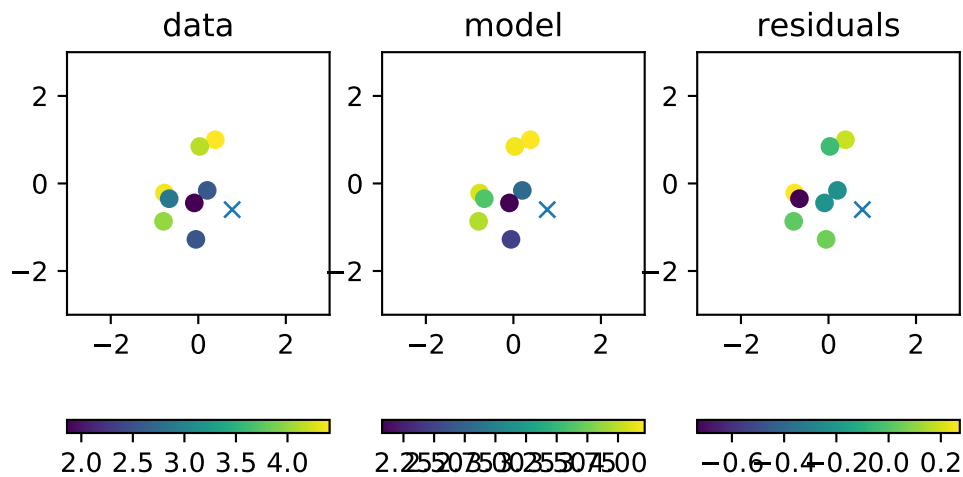
Fiber 120, dchi2frac= 1.0



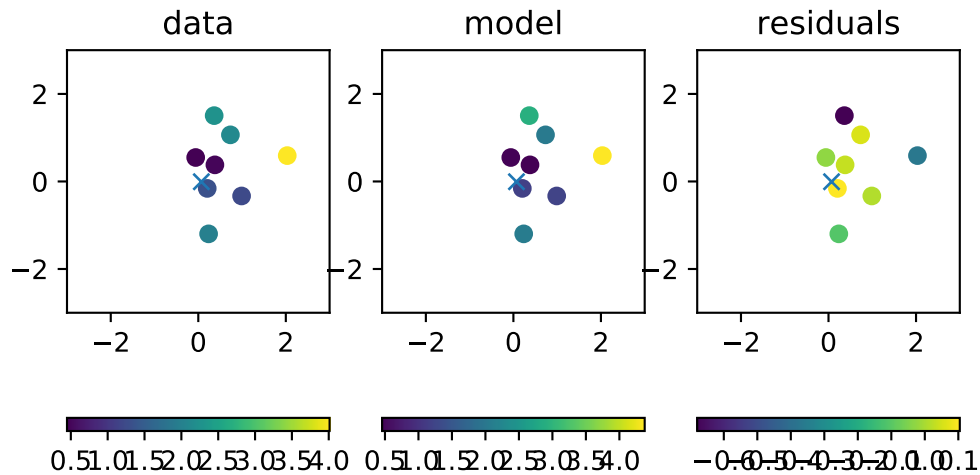
Fiber 162, dchi2frac= 1.0



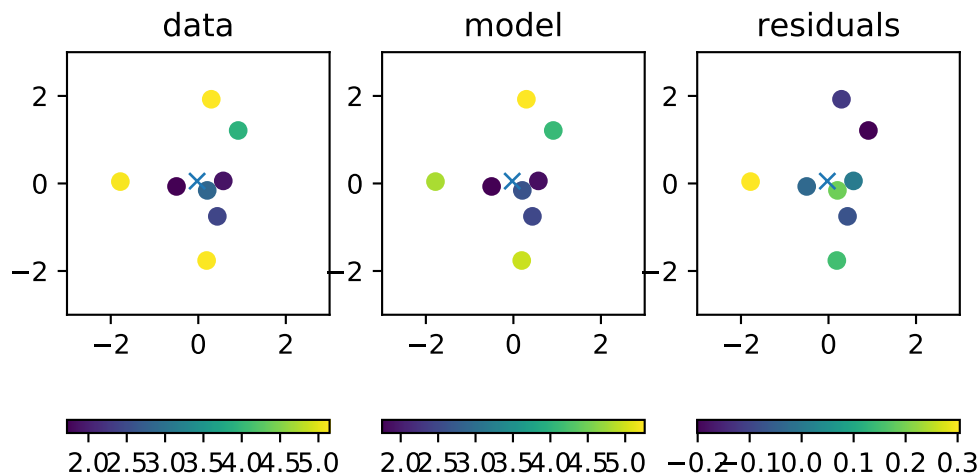
Fiber 2856, dchi2frac= 1.0



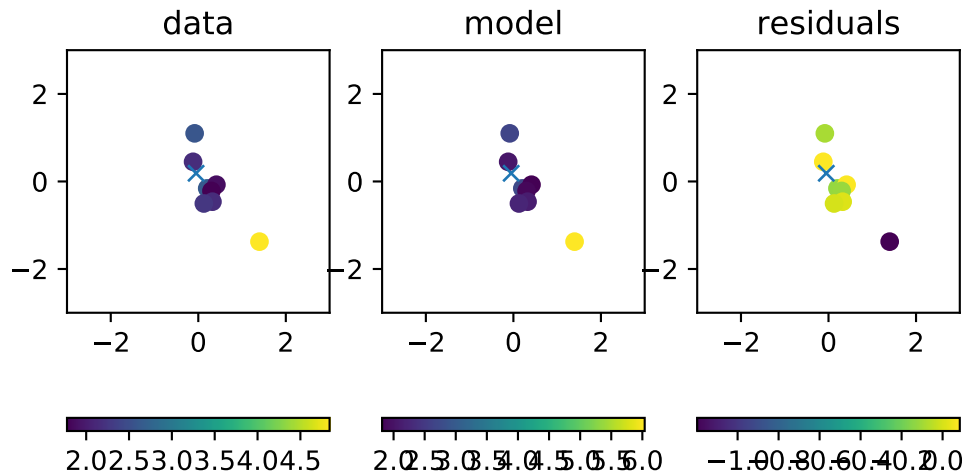
Fiber 768, dchi2frac= 1.0



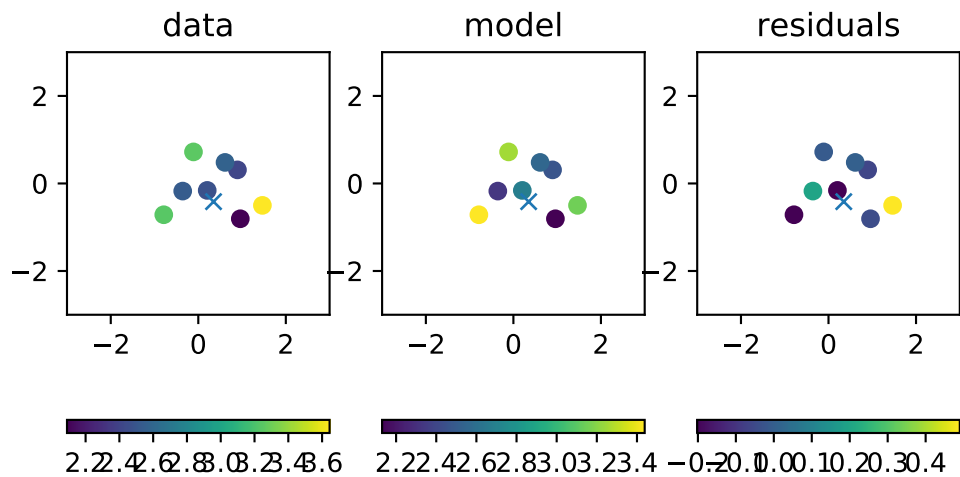
Fiber 4340, dchi2frac= 1.0



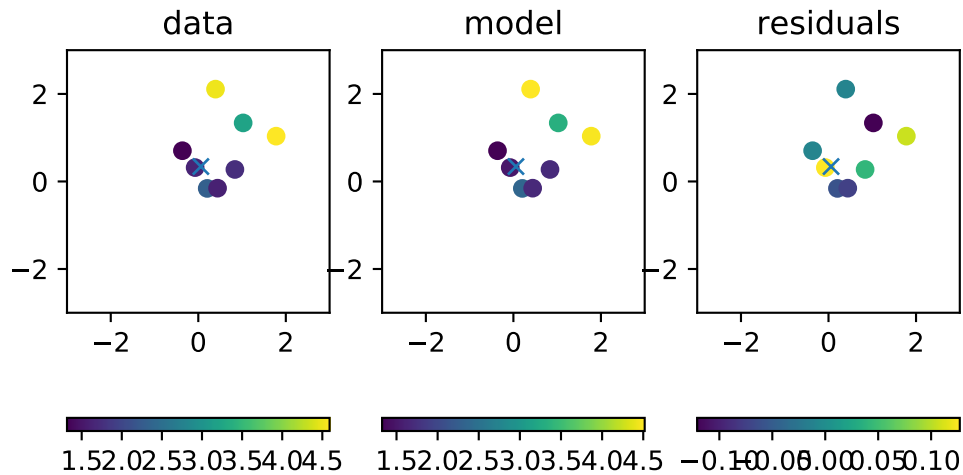
Fiber 276, dchi2frac= 1.0



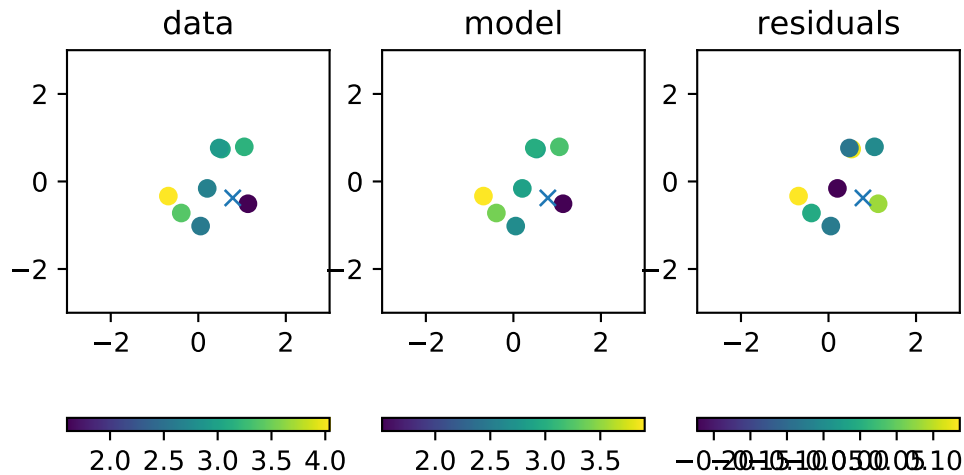
Fiber 2858, dchi2frac= 1.0



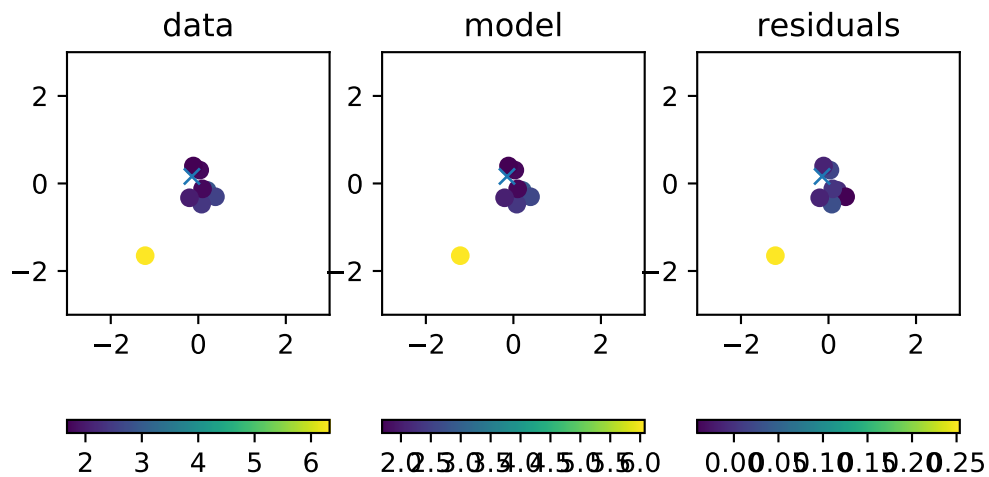
Fiber 984, dchi2frac= 1.0



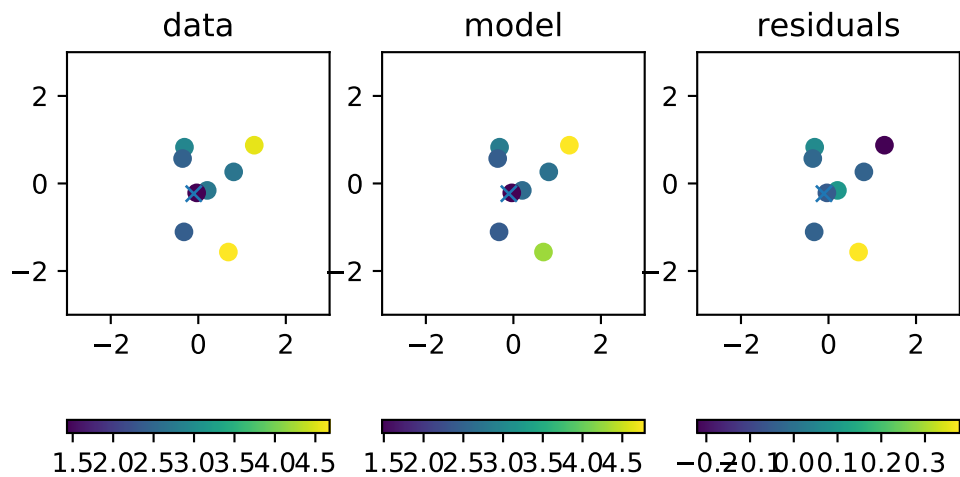
Fiber 2917, dchi2frac= 1.0



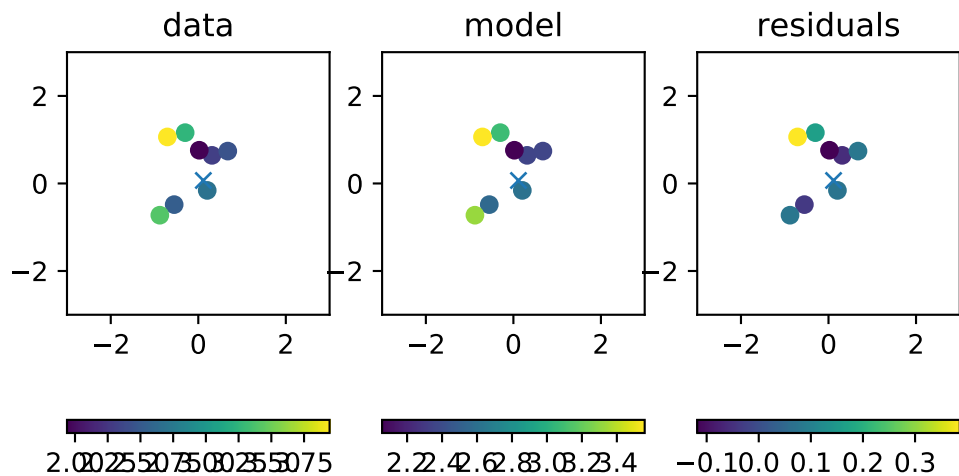
Fiber 4864, dchi2frac= 1.0



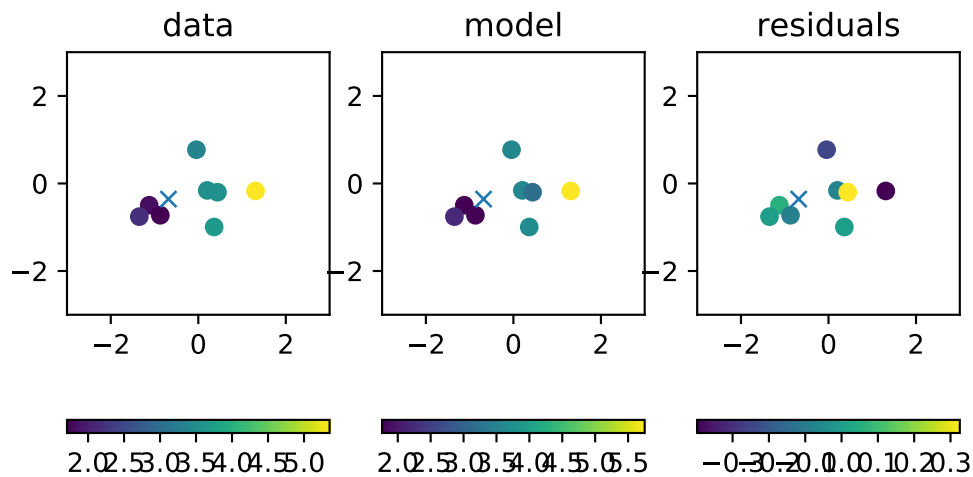
Fiber 4843, dchi2frac= 1.0



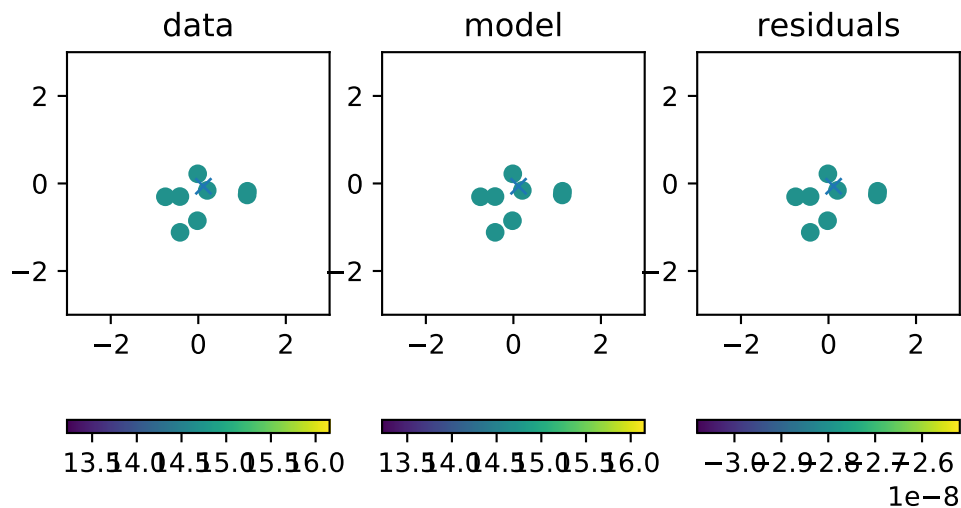
Fiber 4089, dchi2frac= 1.0



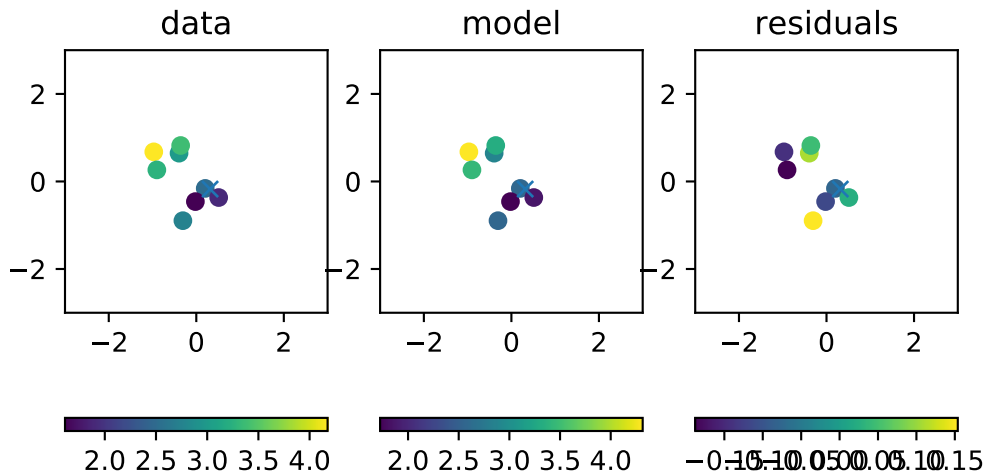
Fiber 1379, dchi2frac= 1.0



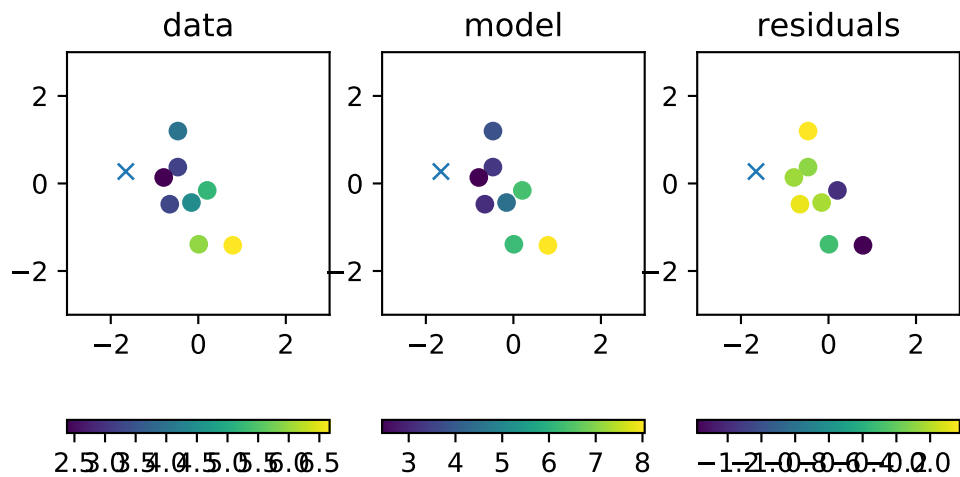
Fiber 1225, dchi2frac= nan, EXCLUDED



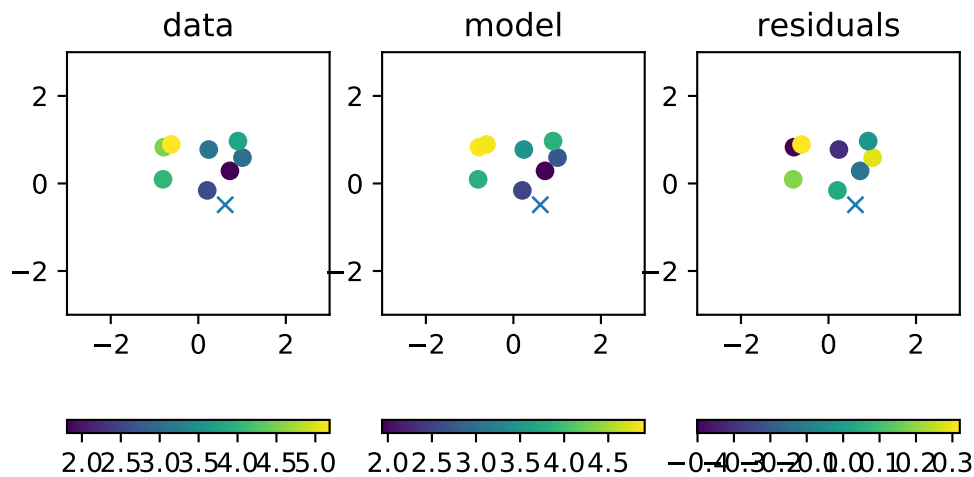
Fiber 2498, dchi2frac= 1.0



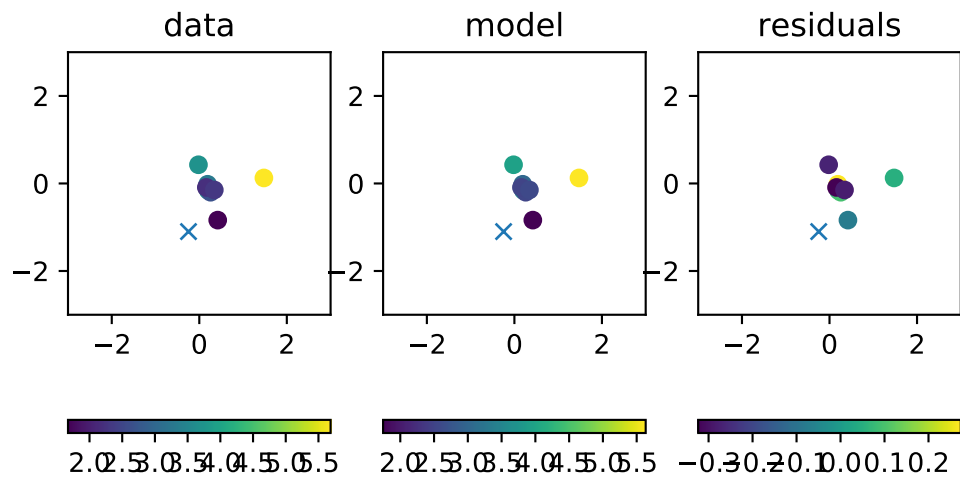
Fiber 2092, dchi2frac= 1.0



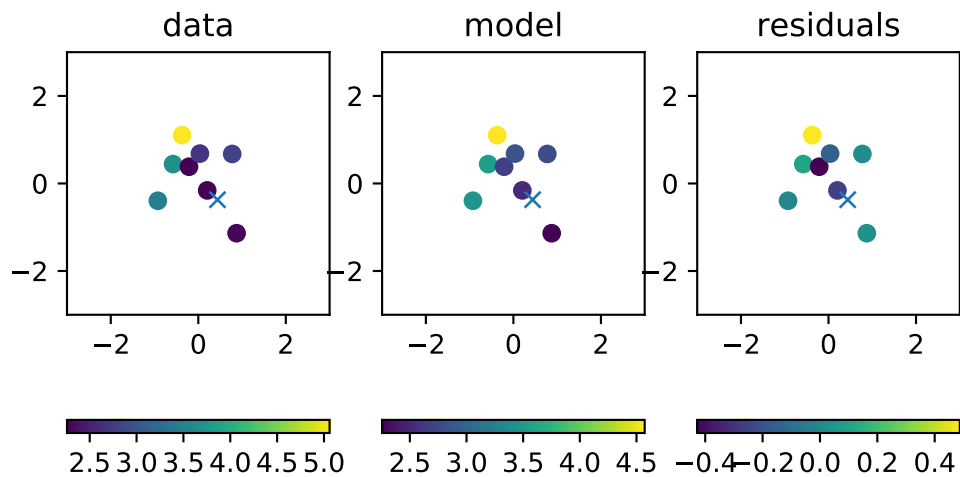
Fiber 2946, dchi2frac= 1.0



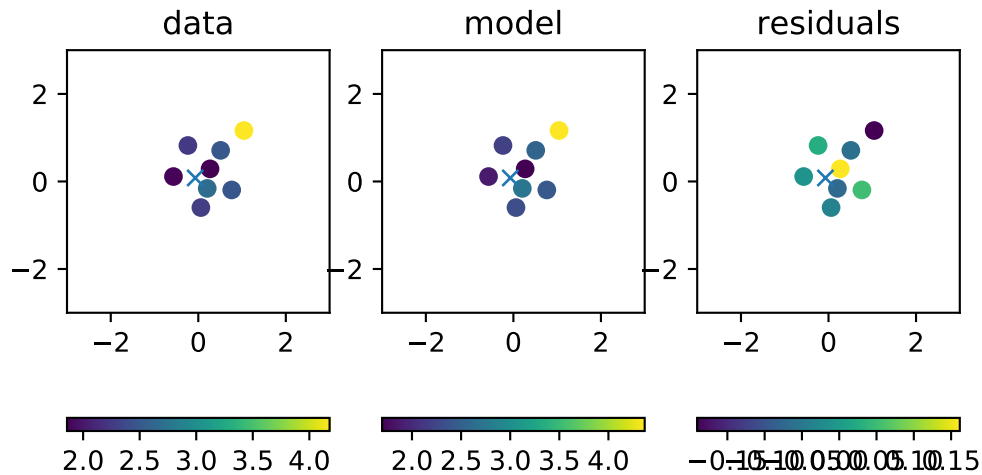
Fiber 679, dchi2frac= 1.0



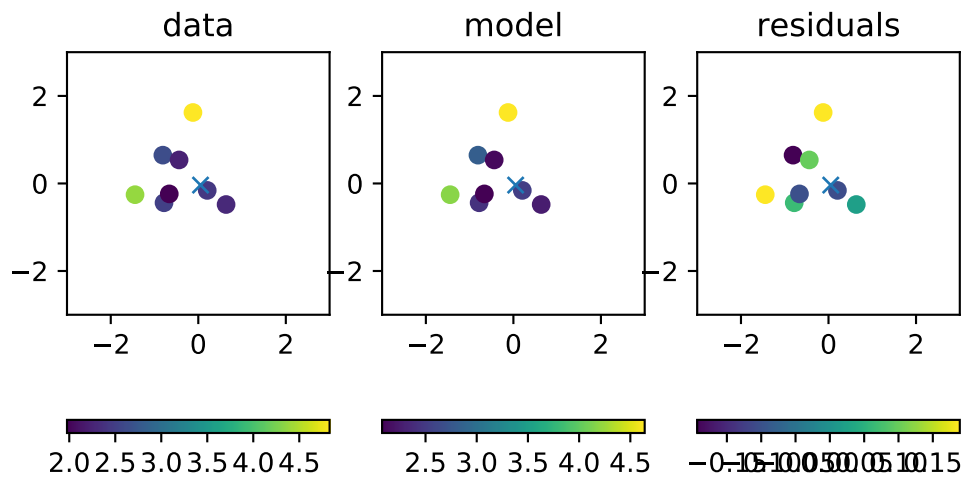
Fiber 2750, dchi2frac= 1.0



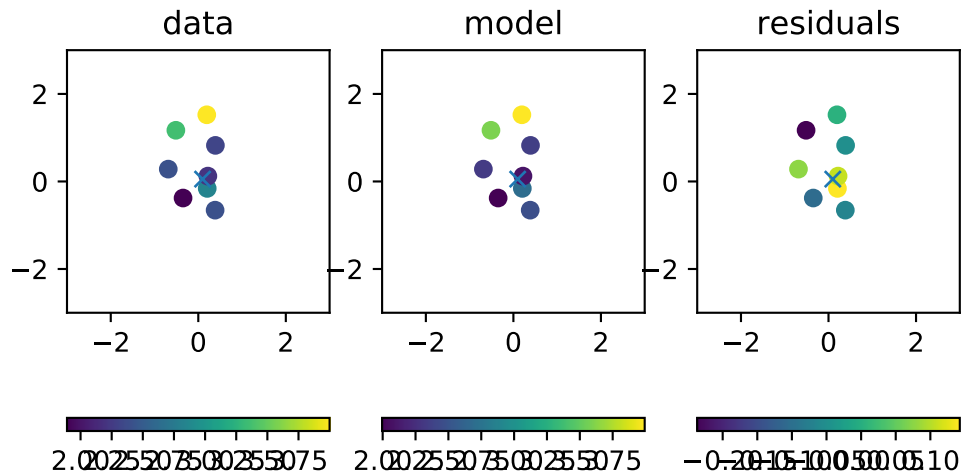
Fiber 926, dchi2frac= 1.0



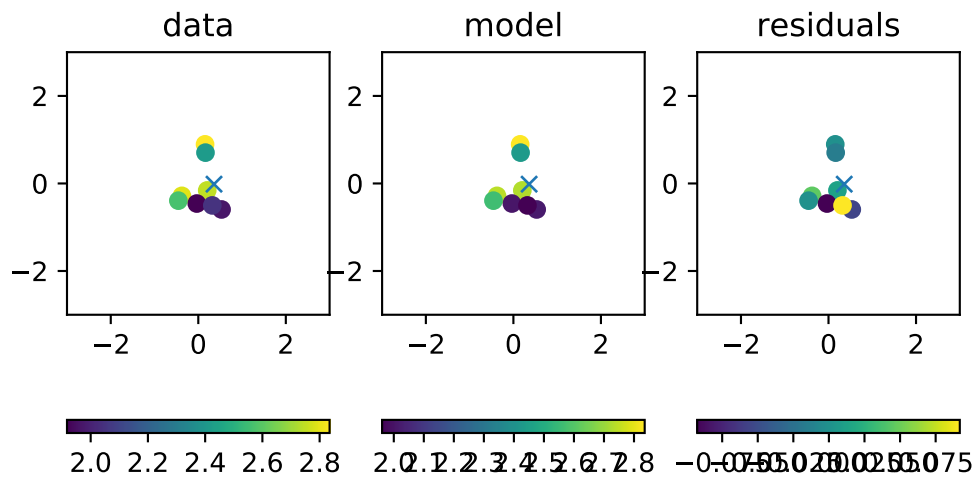
Fiber 2472, dchi2frac= 1.0



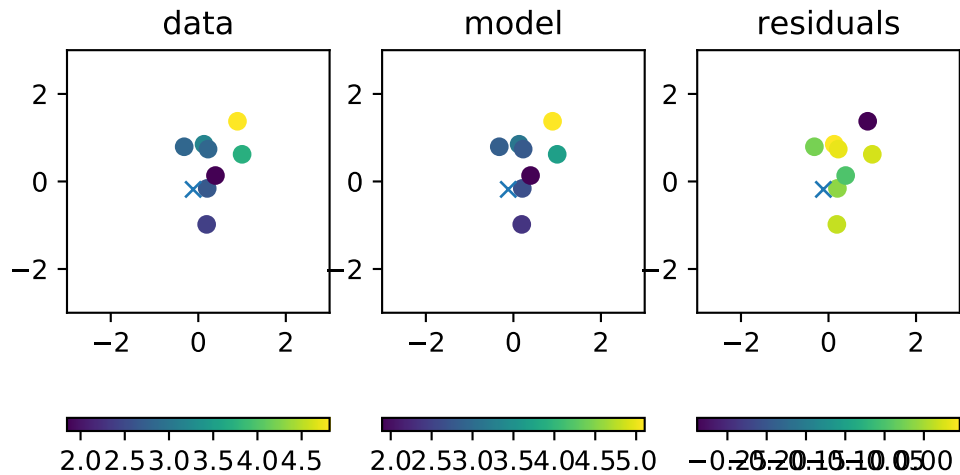
Fiber 673, dchi2frac= 1.0



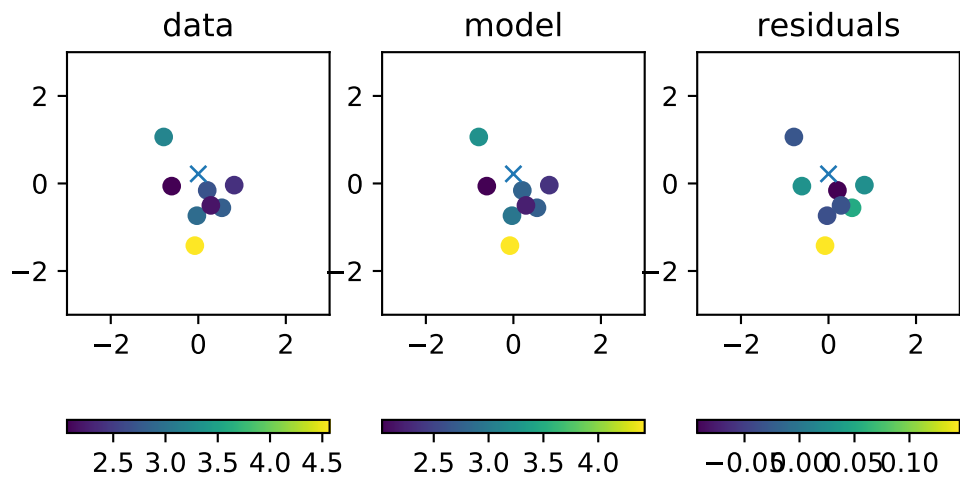
Fiber 2093, dchi2frac= 1.0



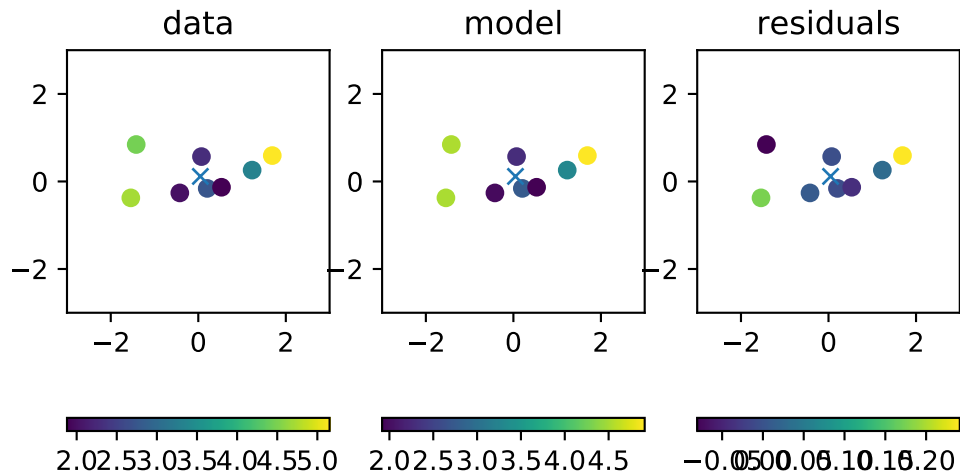
Fiber 199, dchi2frac= 1.0



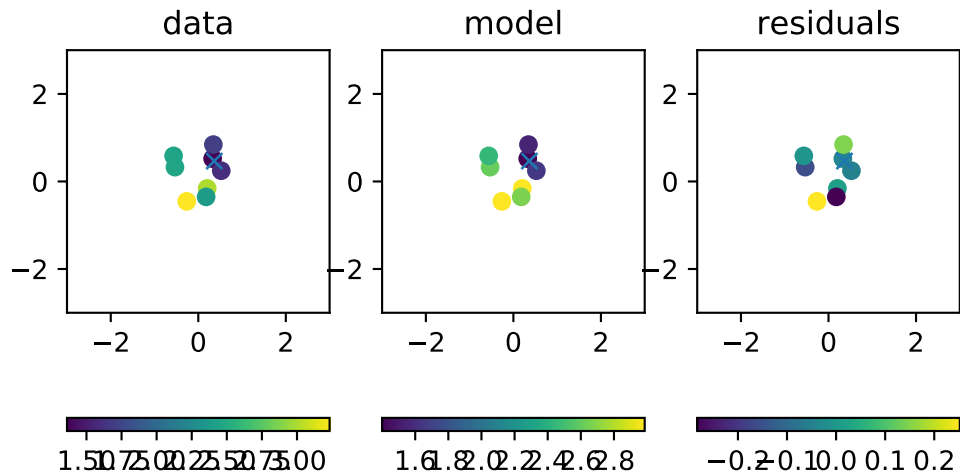
Fiber 57, dchi2frac= 1.0



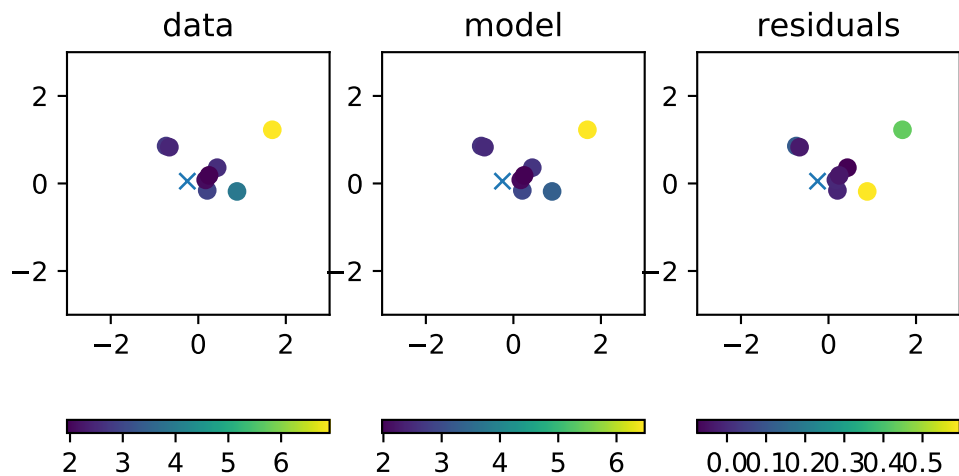
Fiber 262, dchi2frac= 1.0



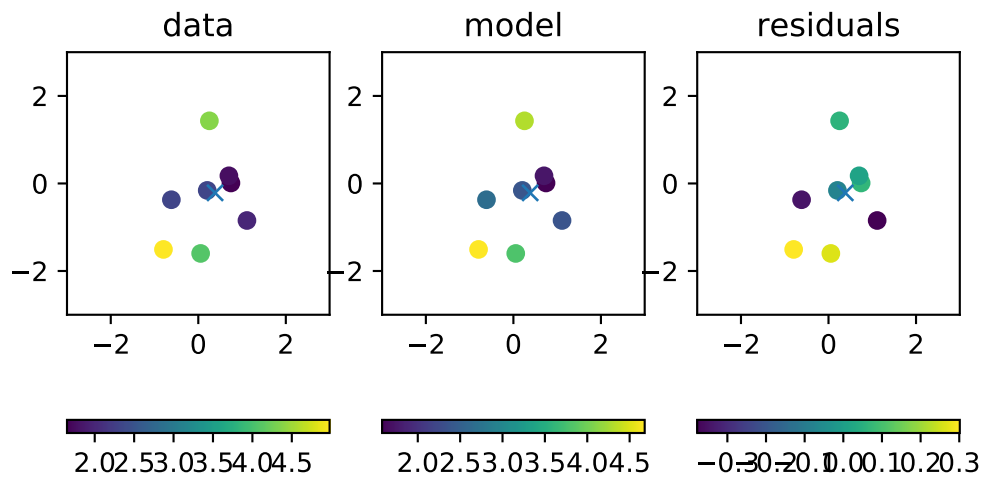
Fiber 2017, dchi2frac= 1.0



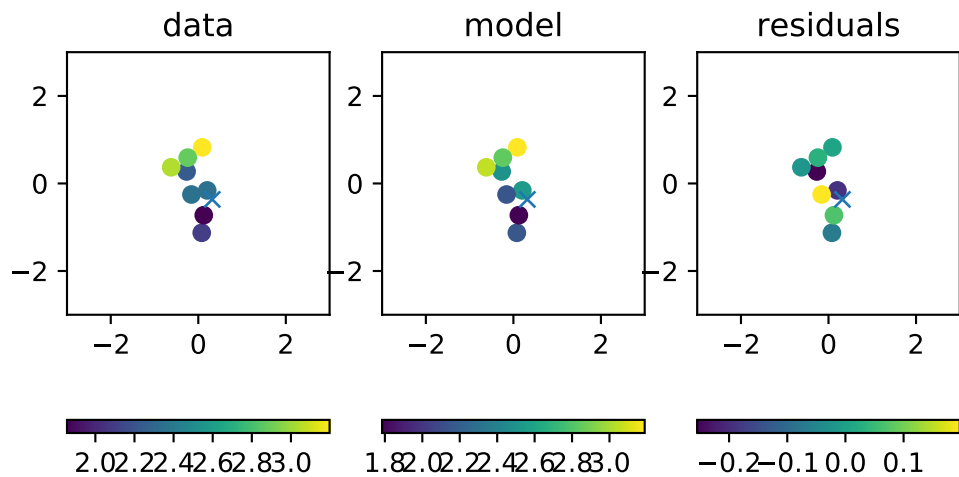
Fiber 4921, dchi2frac= 1.0



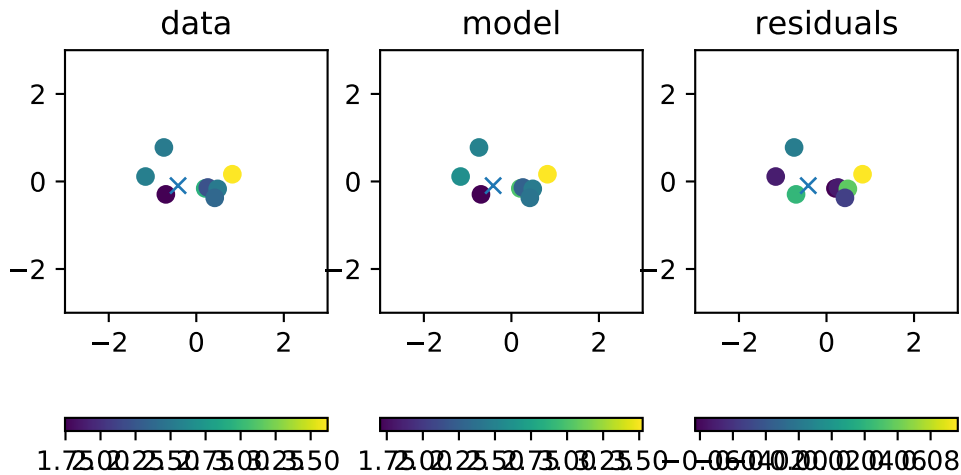
Fiber 2689, dchi2frac= 1.0



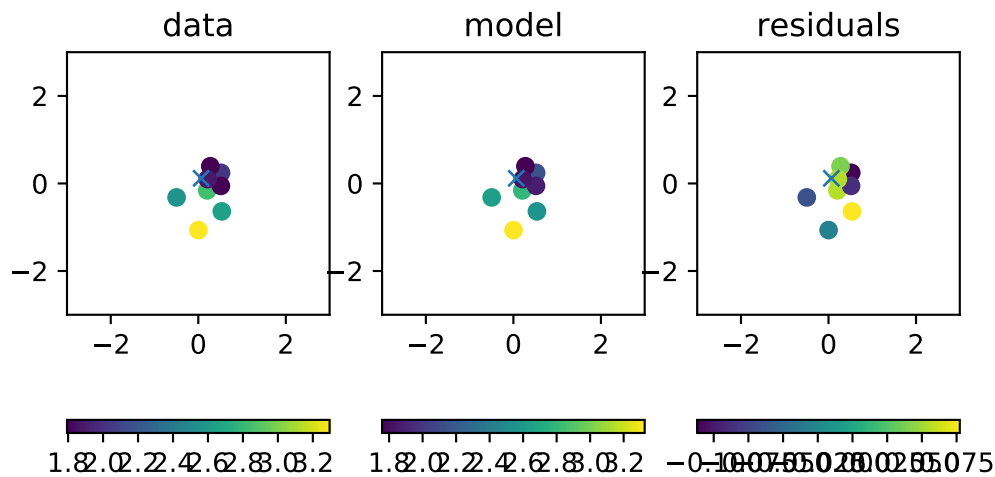
Fiber 2784, dchi2frac= 1.0



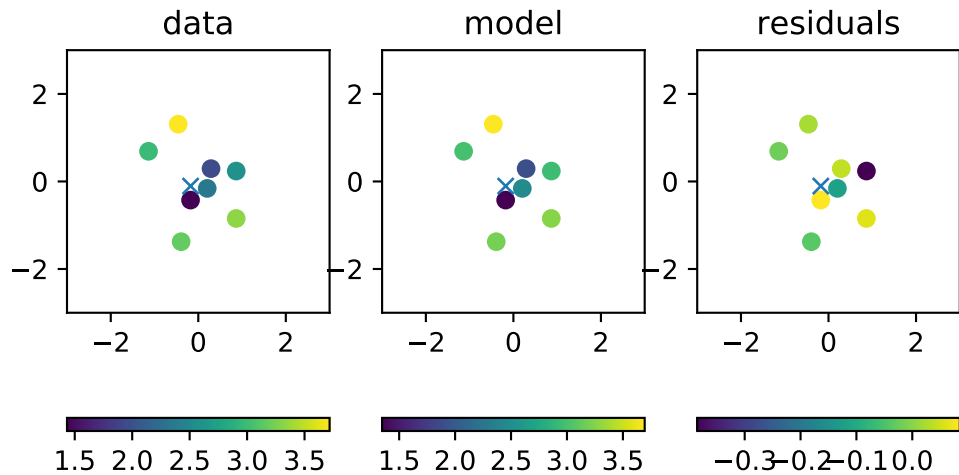
Fiber 4614, dchi2frac= 1.0



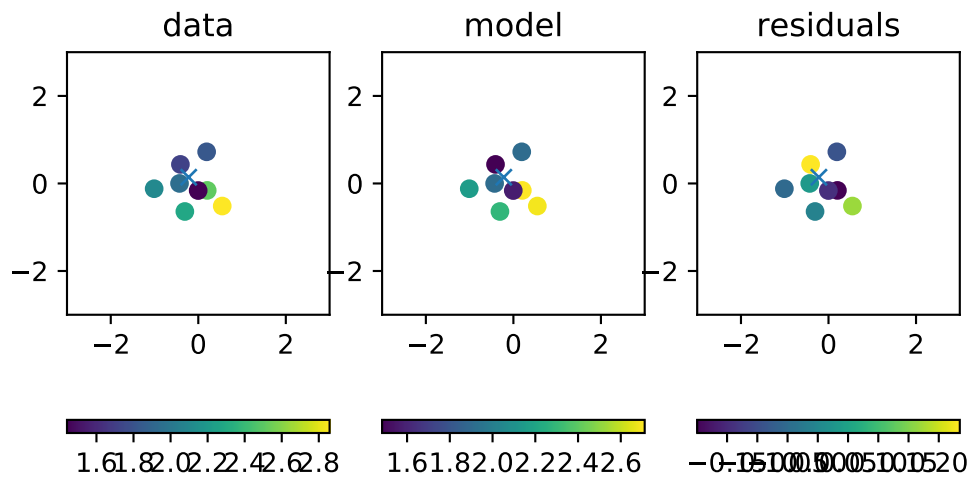
Fiber 4690, dchi2frac= 1.0



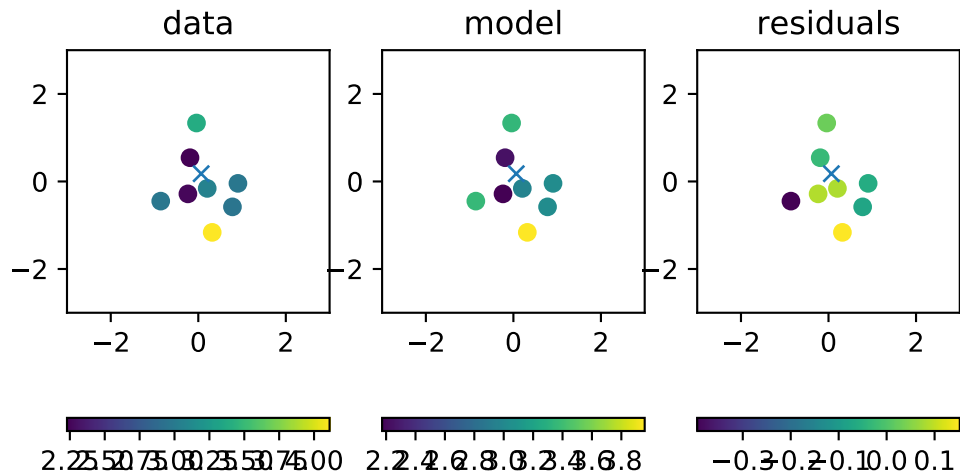
Fiber 400, dchi2frac= 1.0



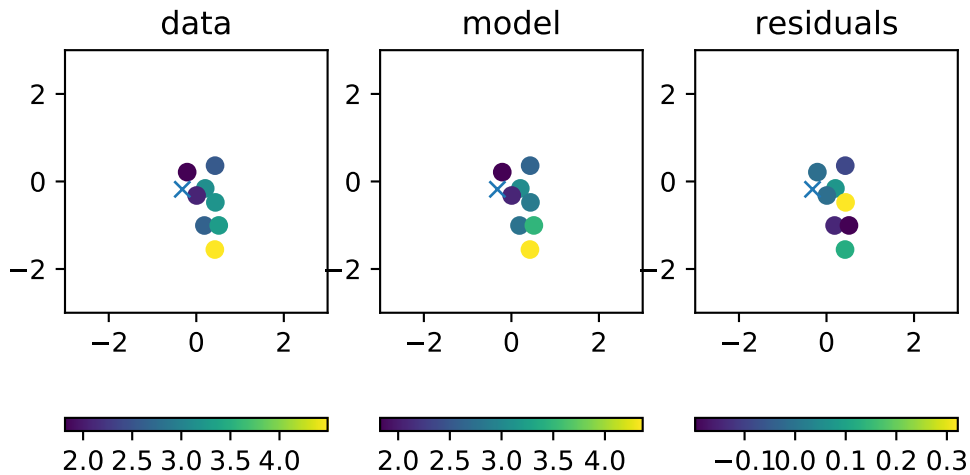
Fiber 798, dchi2frac= 1.0



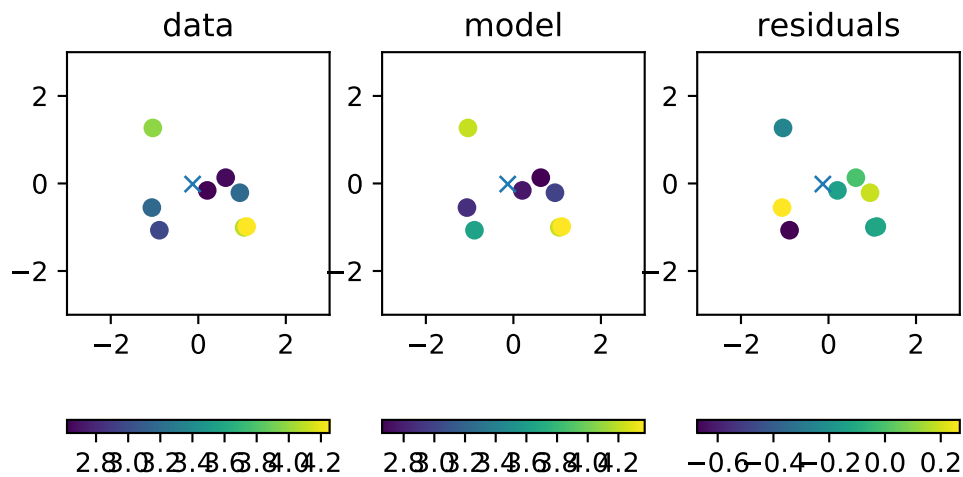
Fiber 1101, dchi2frac= 1.0



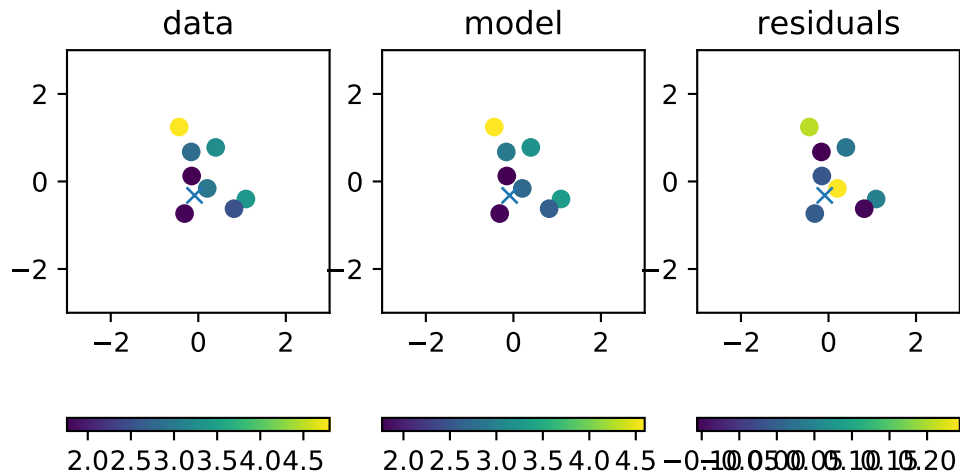
Fiber 1380, dchi2frac= 1.0



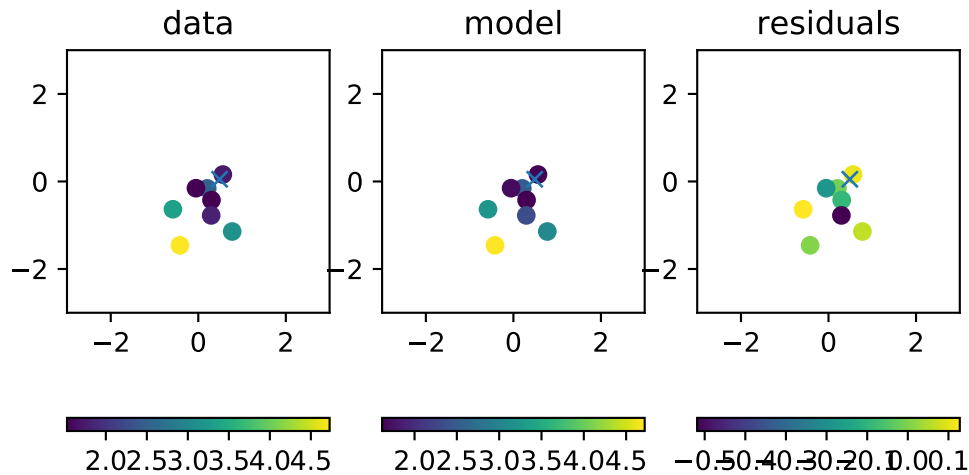
Fiber 1430, dchi2frac= 1.0



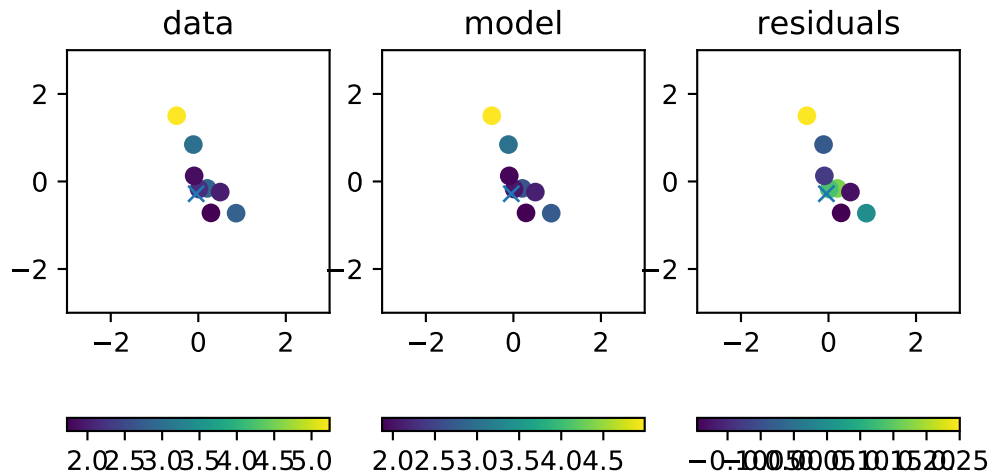
Fiber 880, dchi2frac= 1.0



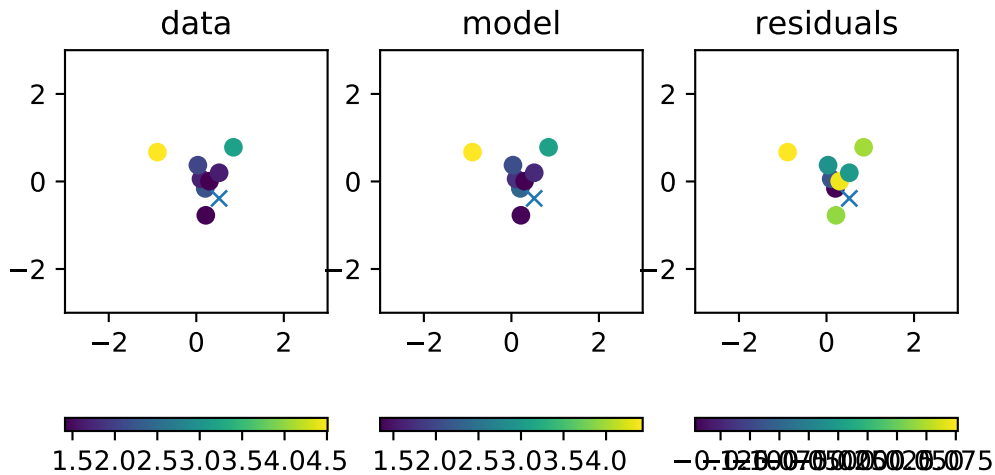
Fiber 2370, dchi2frac= 1.0



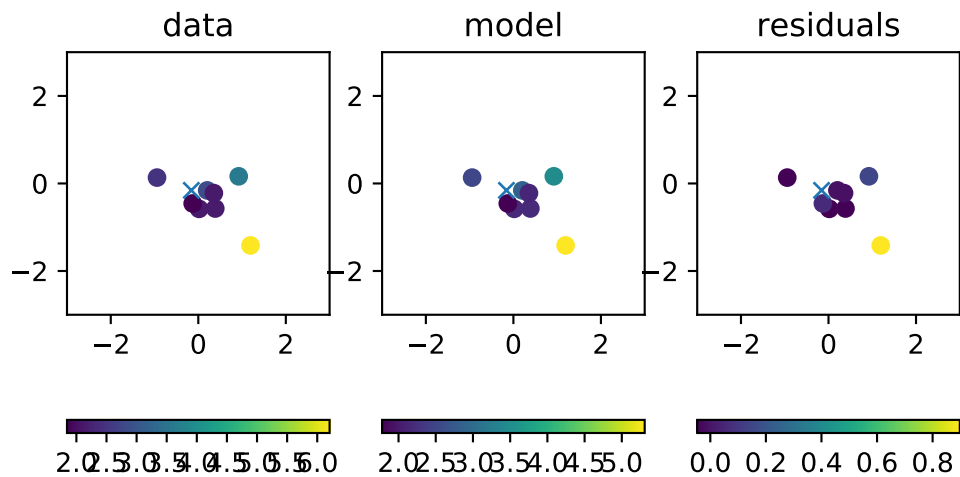
Fiber 884, dchi2frac= 1.0



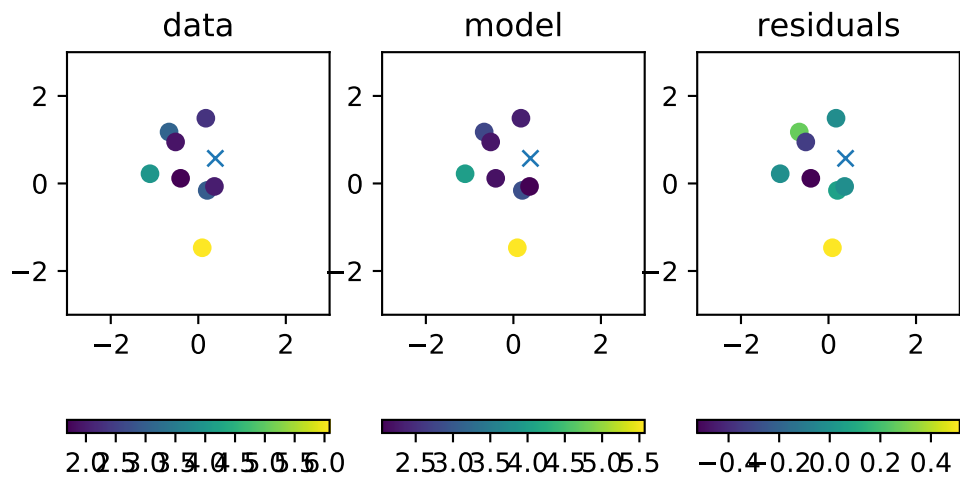
Fiber 2739, dchi2frac= 1.0



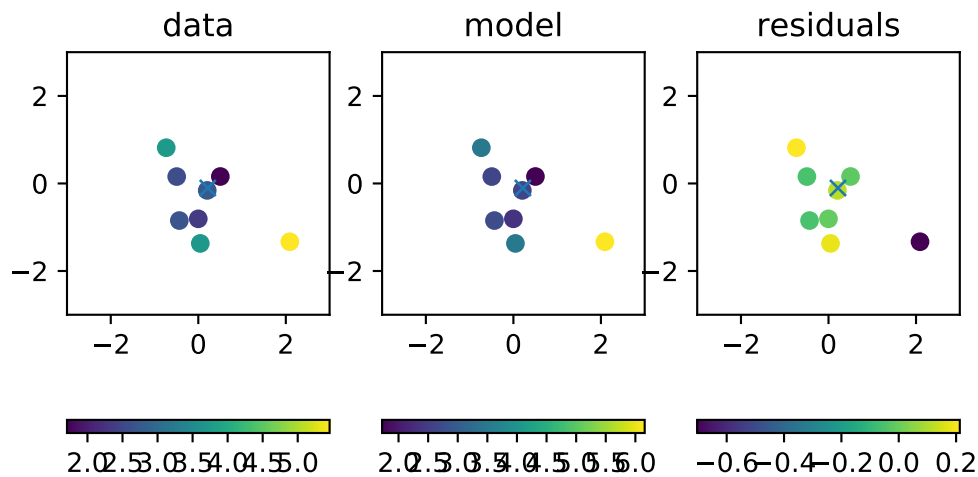
Fiber 1082, dchi2frac= 1.0



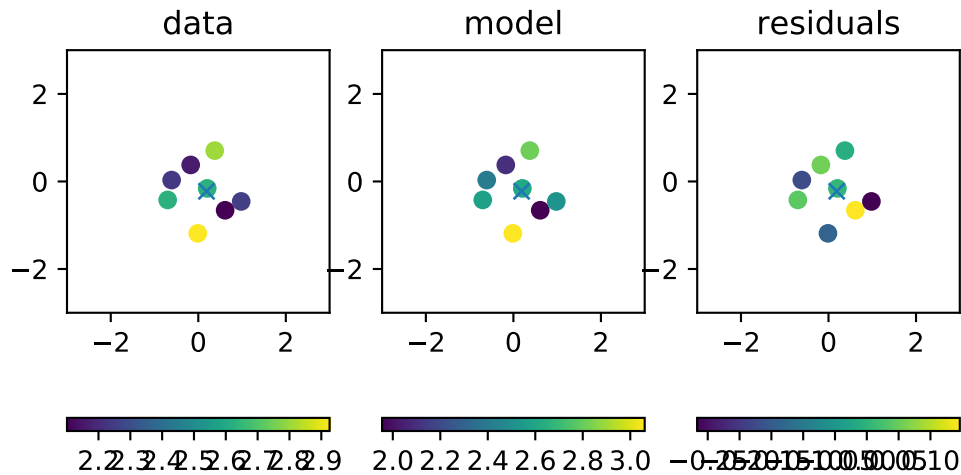
Fiber 2178, dchi2frac= 1.0



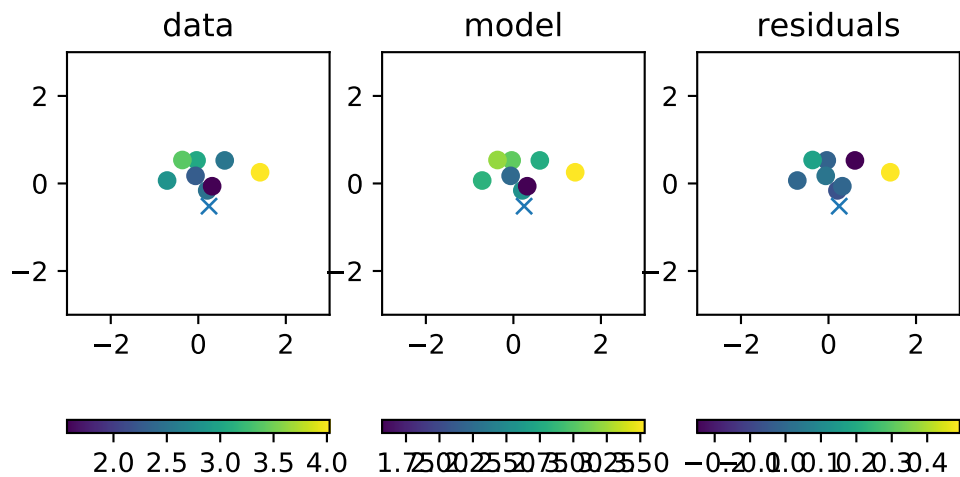
Fiber 4084, dchi2frac= 1.0



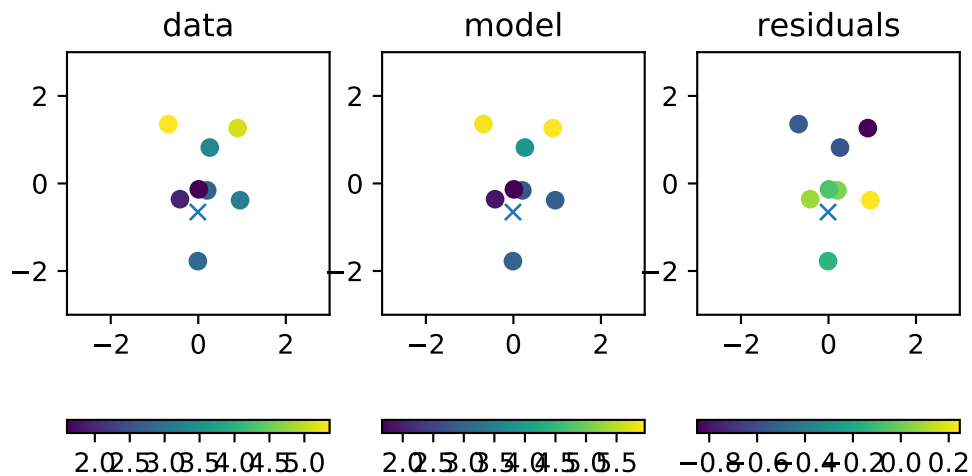
Fiber 4056, dchi2frac= 1.0



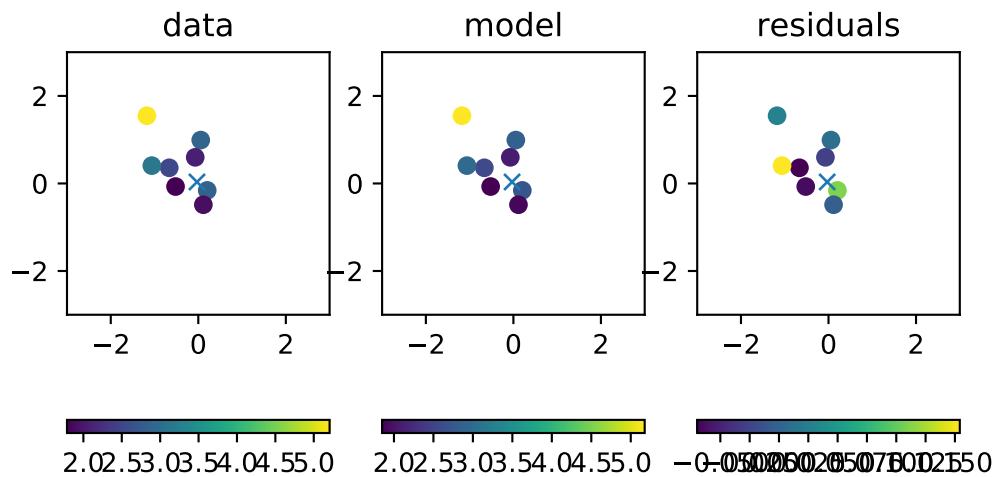
Fiber 2610, dchi2frac= 1.0



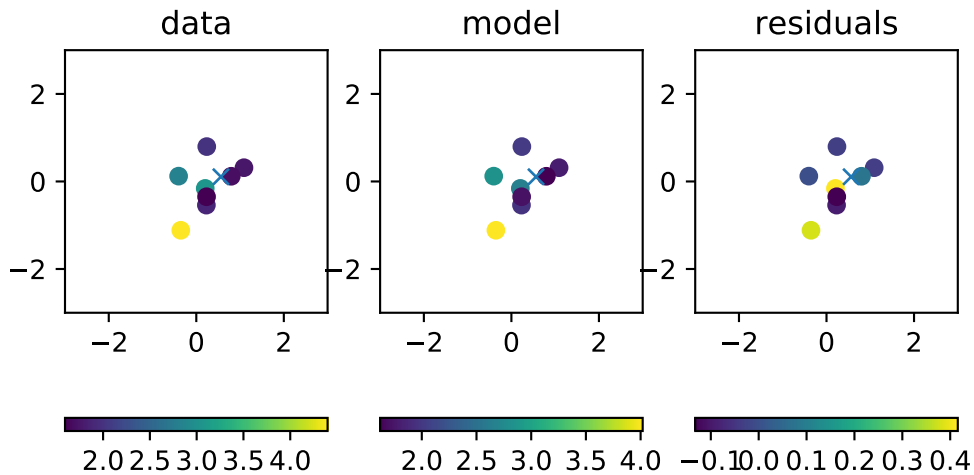
Fiber 4728, dchi2frac= 1.0



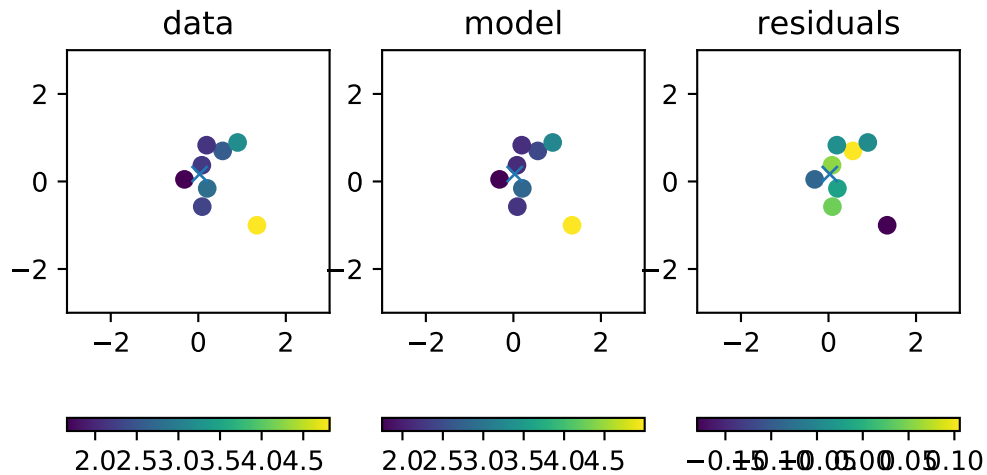
Fiber 4221, dchi2frac= 1.0



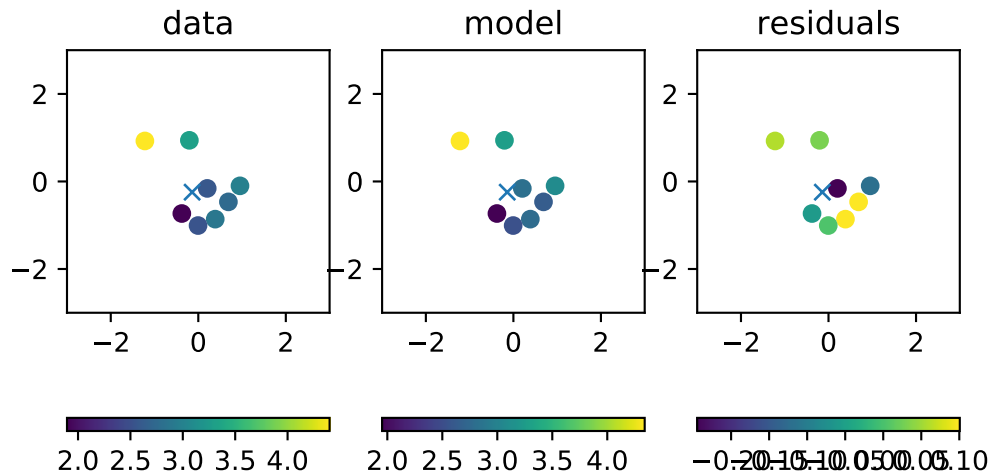
Fiber 2331, dchi2frac= 1.0



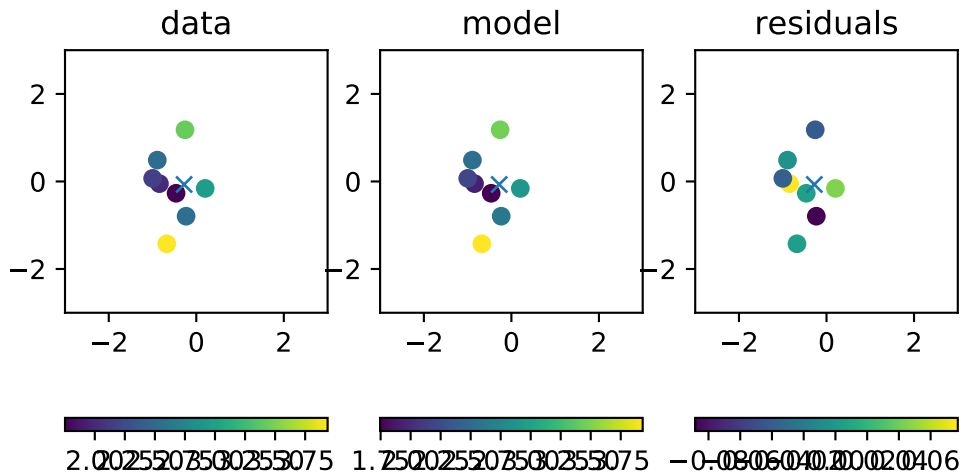
Fiber 1125, dchi2frac= 1.0



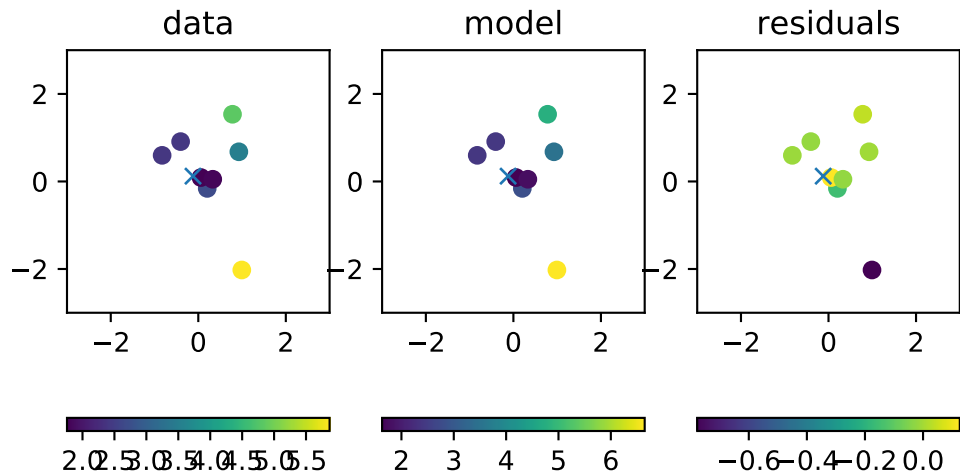
Fiber 225, dchi2frac= 1.0



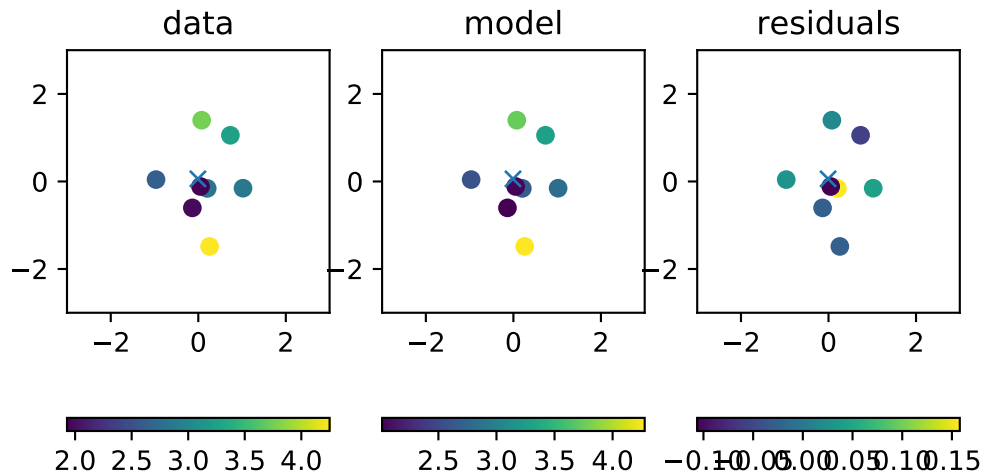
Fiber 1057, dchi2frac= 1.0



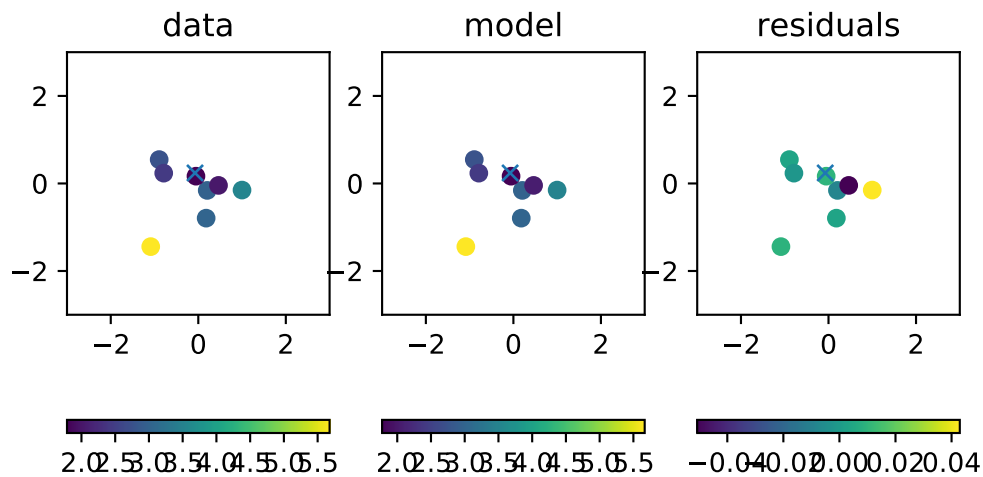
Fiber 734, dchi2frac= 1.0



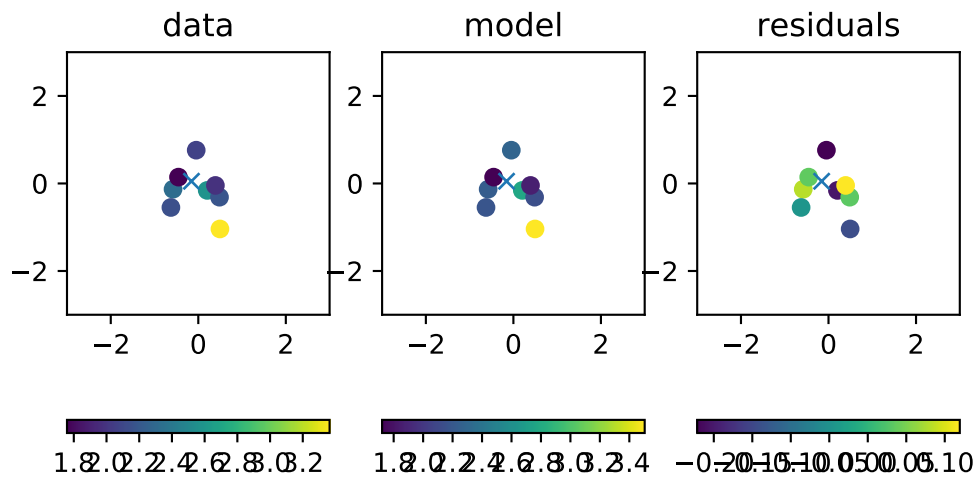
Fiber 4187, dchi2frac= 1.0



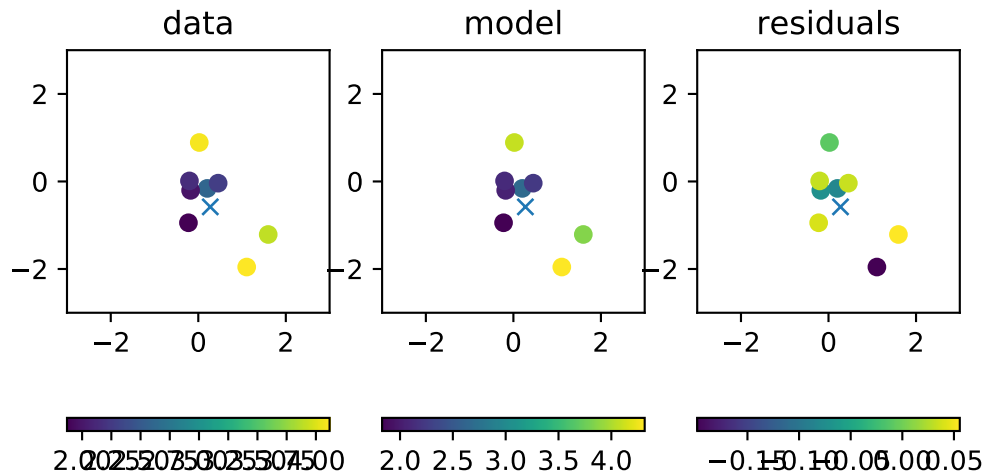
Fiber 1005, dchi2frac= 1.0



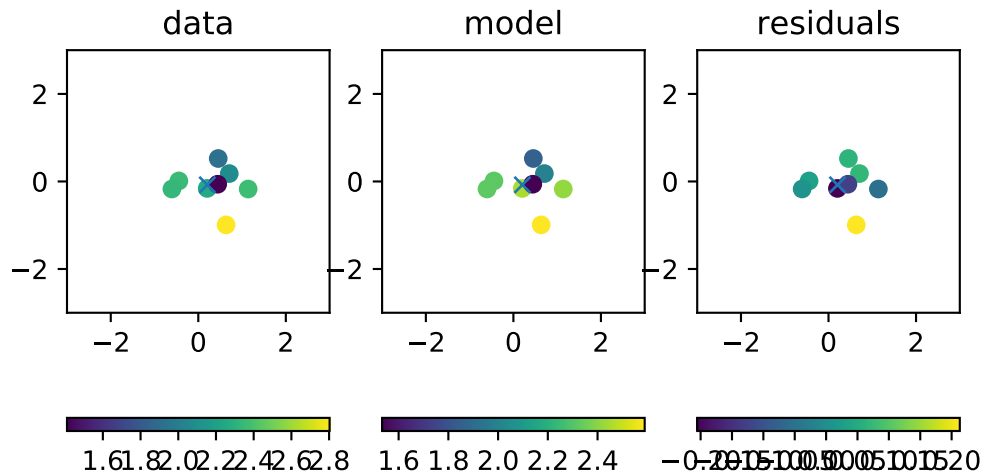
Fiber 1434, dchi2frac= 1.0



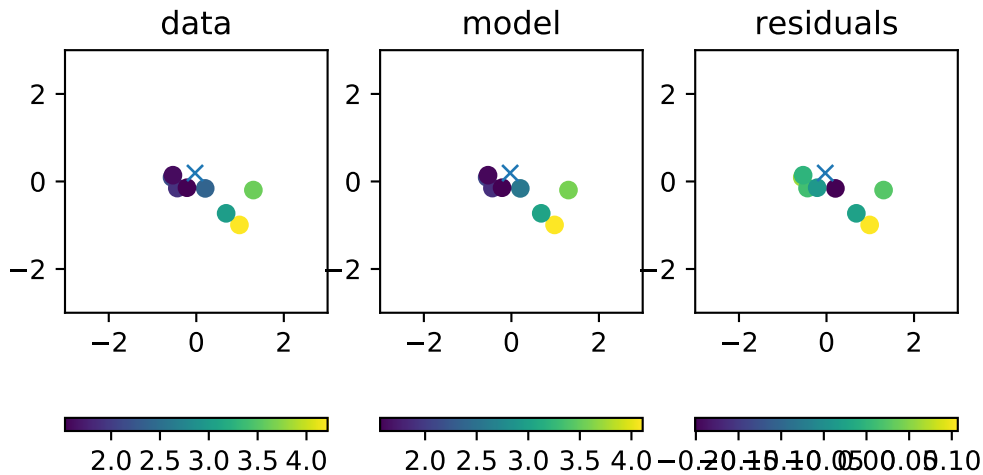
Fiber 2891, dchi2frac= 1.0



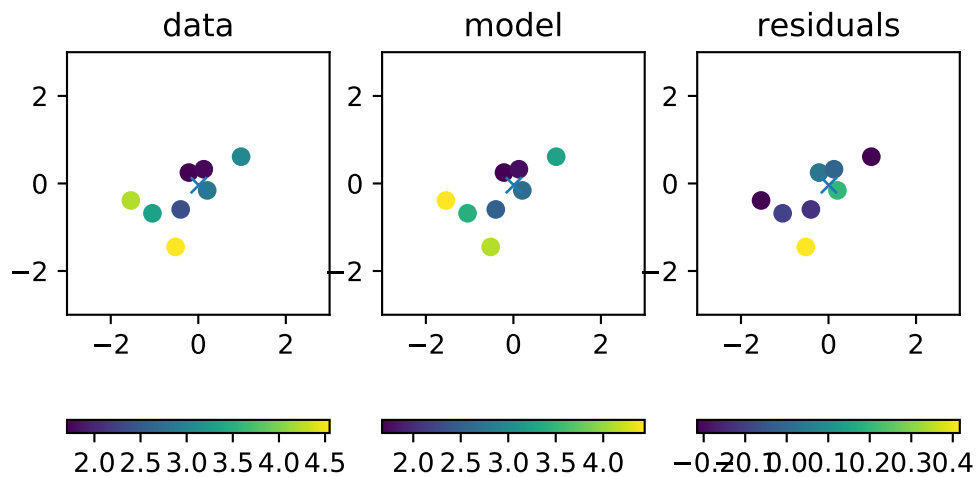
Fiber 2808, dchi2frac= 1.0



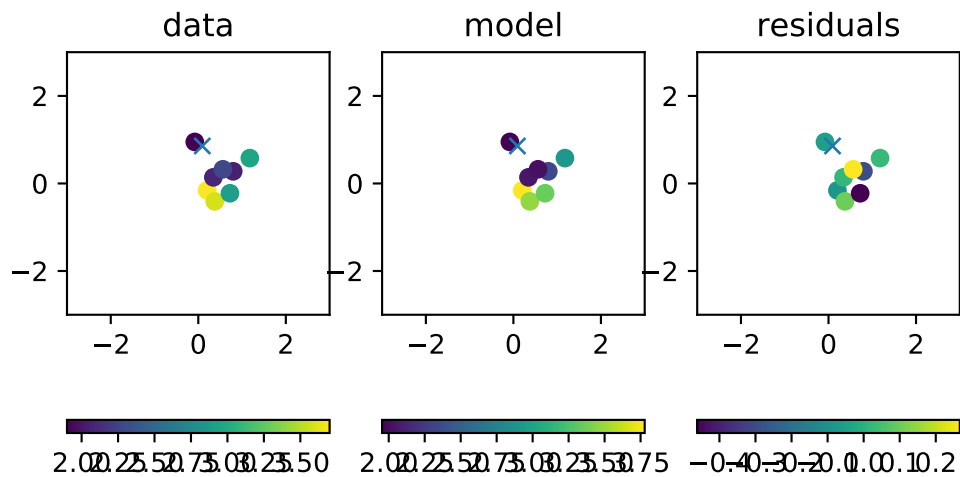
Fiber 0, dchi2frac= 1.0



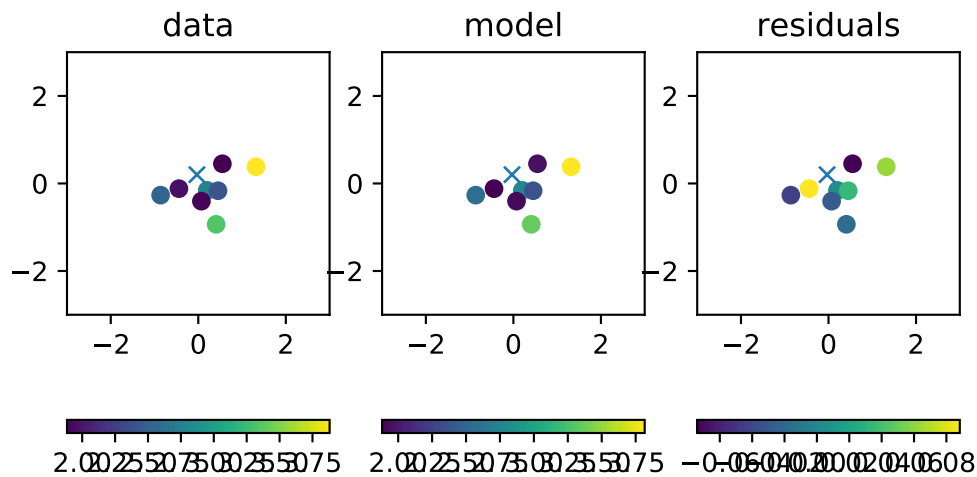
Fiber 1344, dchi2frac= 1.0



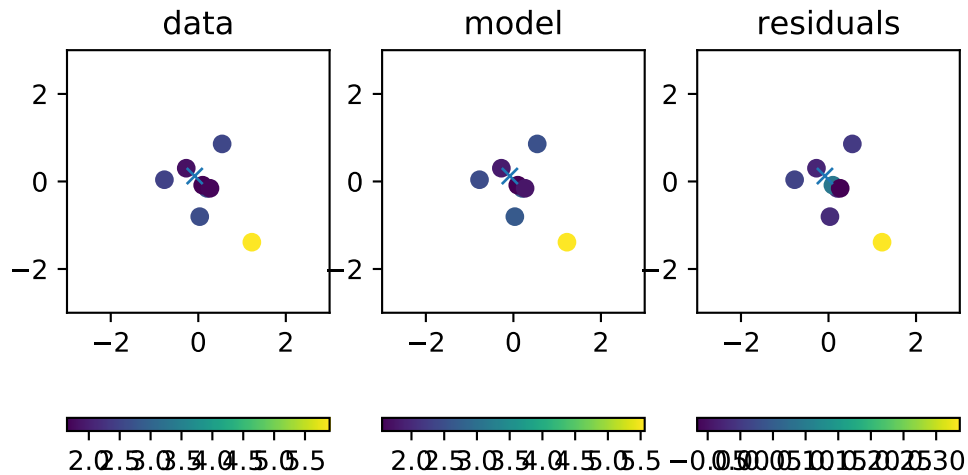
Fiber 2169, dchi2frac= 1.0



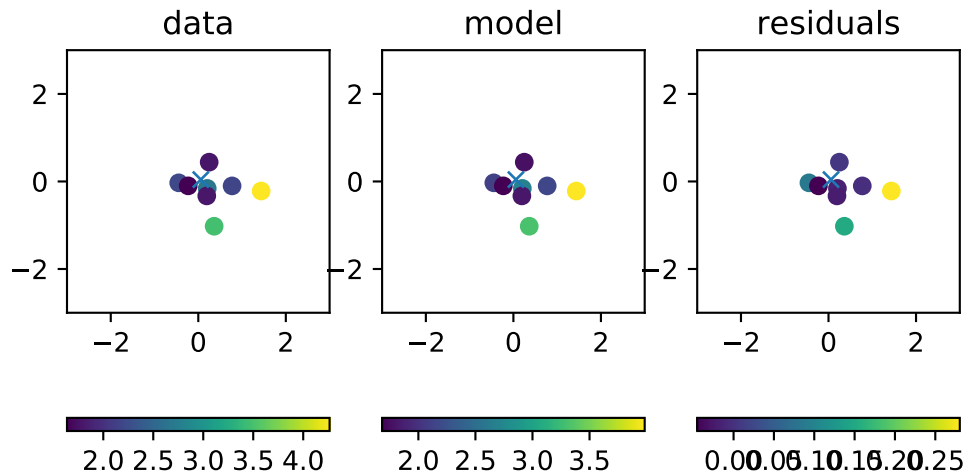
Fiber 787, dchi2frac= 1.0



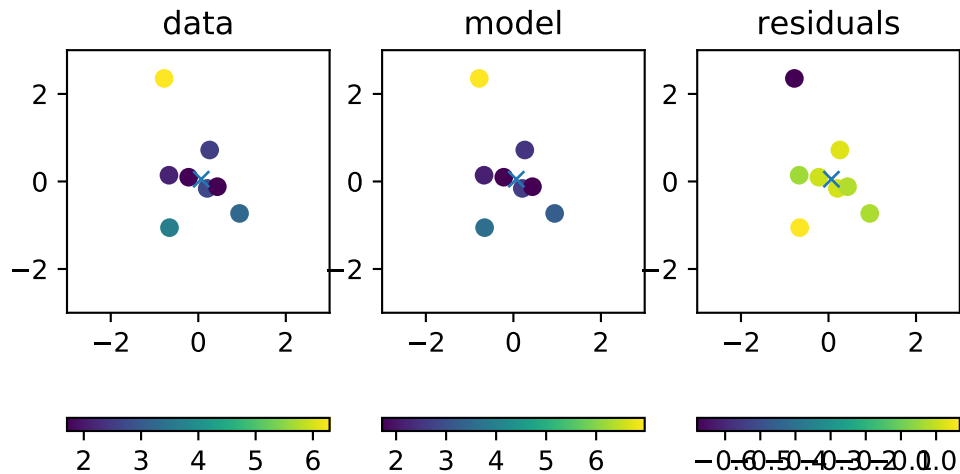
Fiber 421, dchi2frac= 1.0



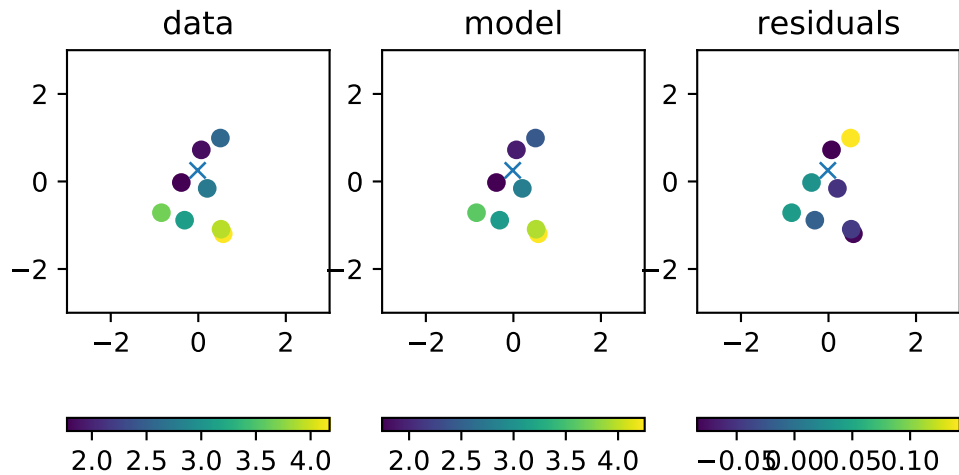
Fiber 2267, dchi2frac= 1.0



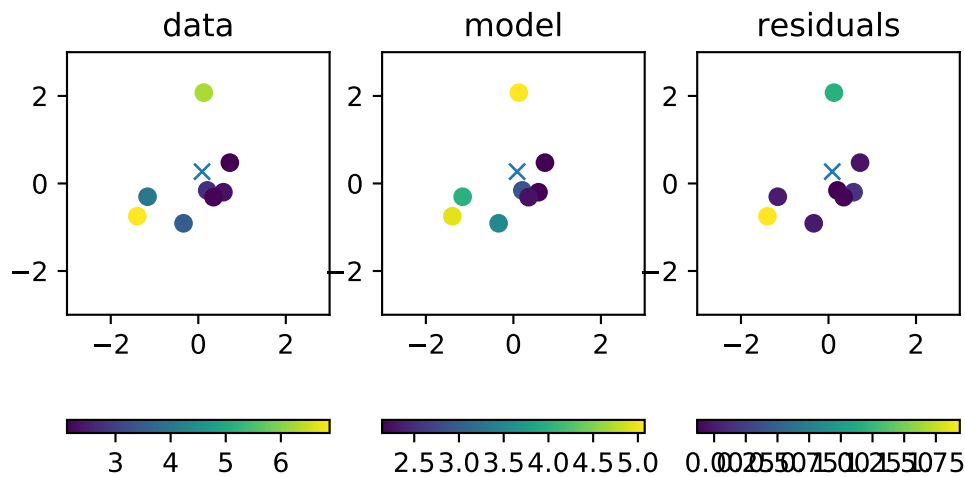
Fiber 288, dchi2frac= 1.0



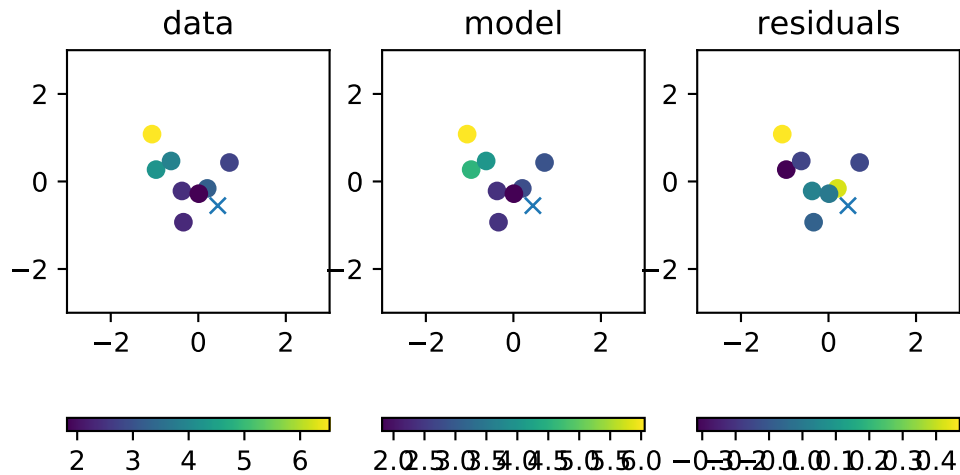
Fiber 622, dchi2frac= 1.0



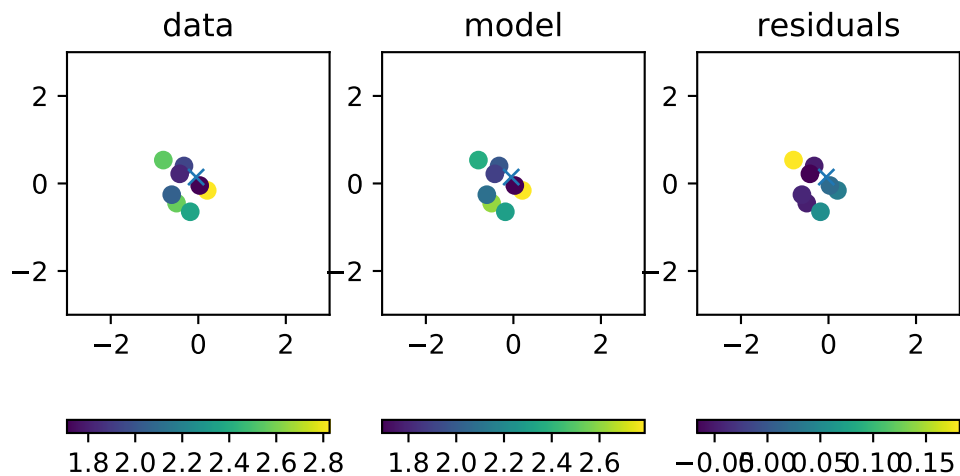
Fiber 1281, dchi2frac= 1.0



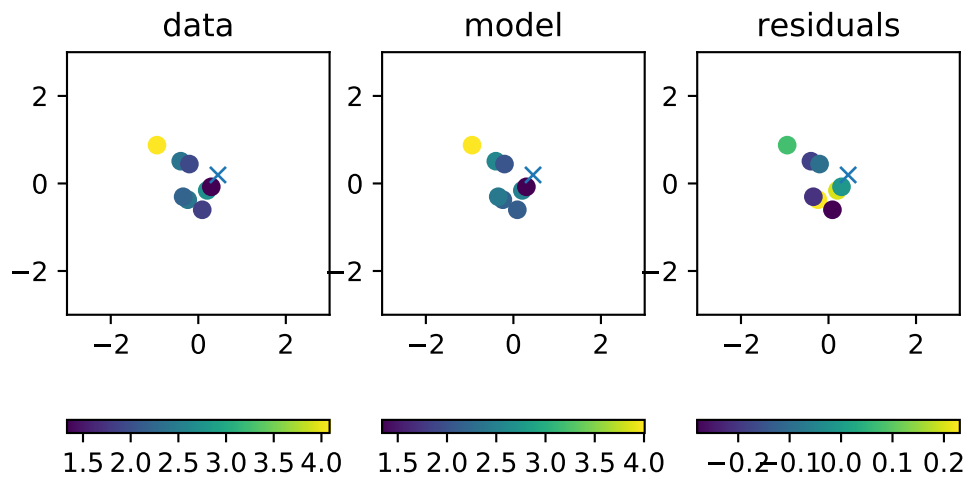
Fiber 160, dchi2frac= 1.0



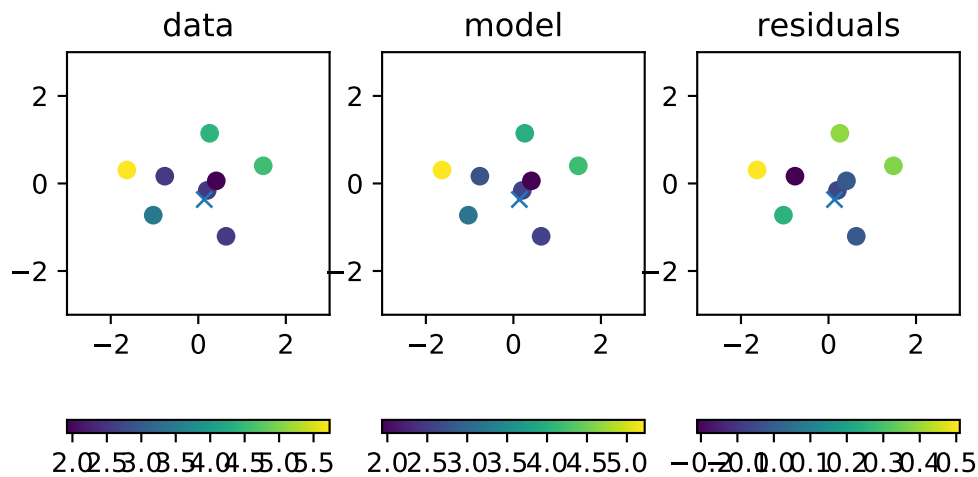
Fiber 4988, dchi2frac= 1.0



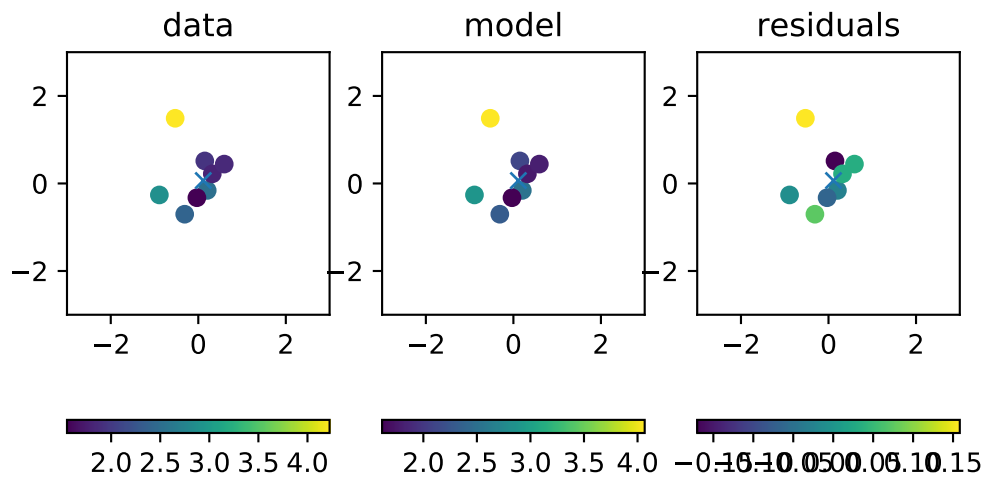
Fiber 2419, dchi2frac= 1.0



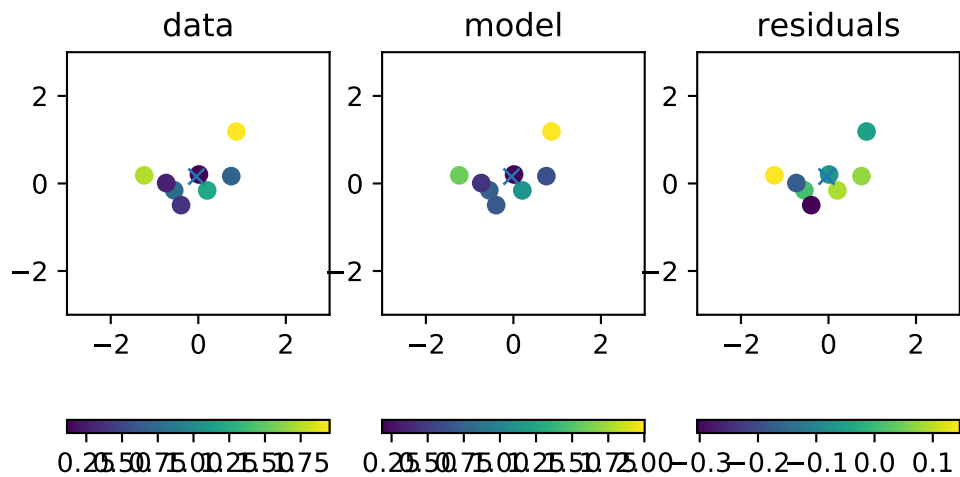
Fiber 2829, dchi2frac= 1.0



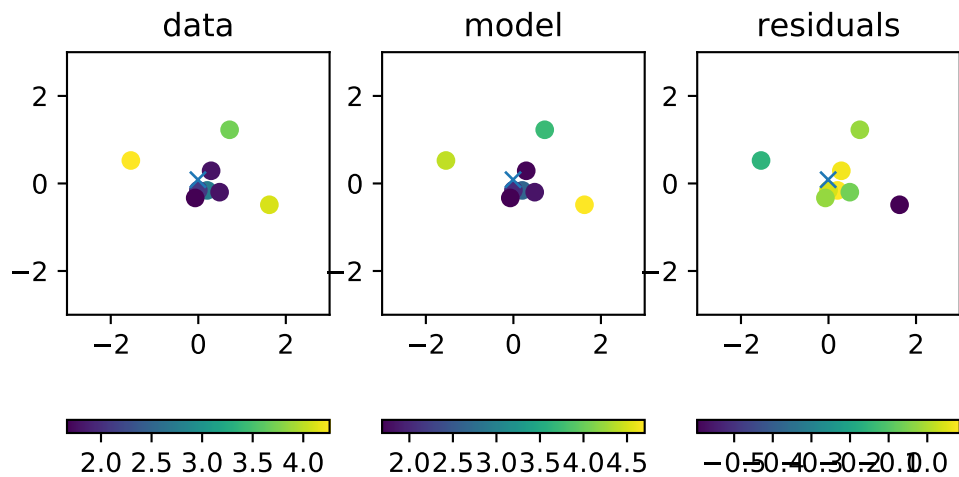
Fiber 4096, dchi2frac= 1.0



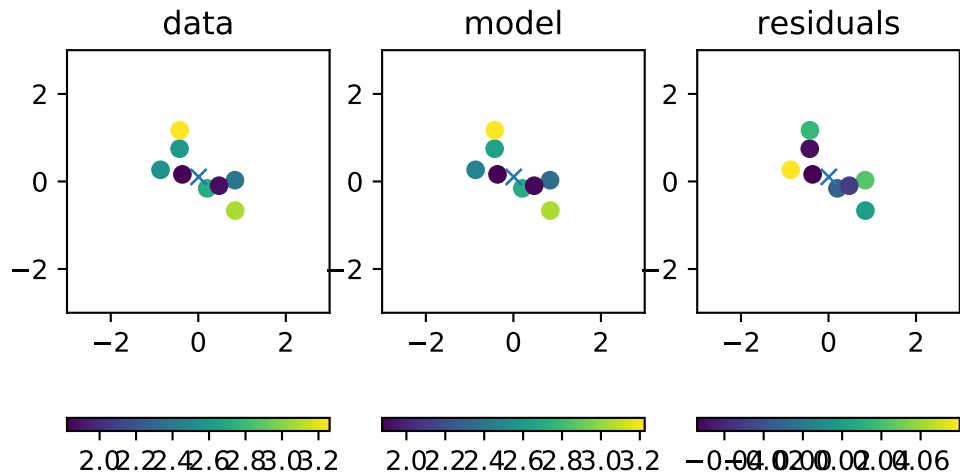
Fiber 4589, dchi2frac= 1.0



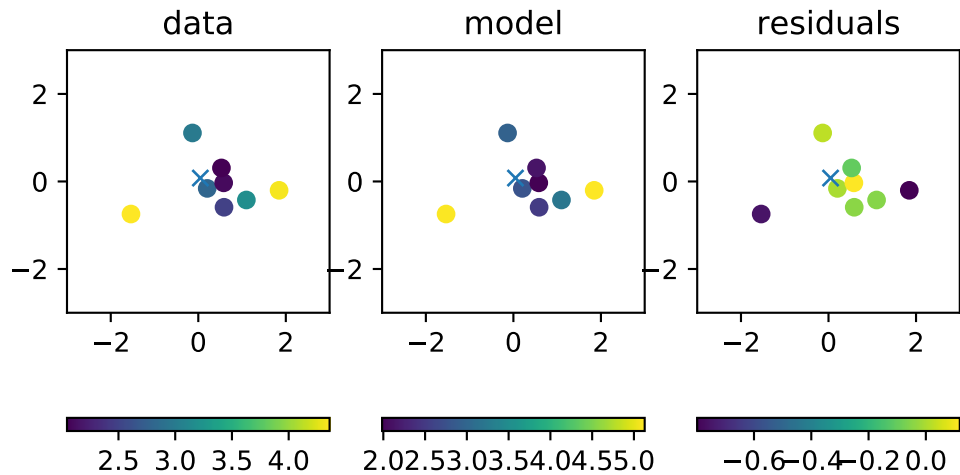
Fiber 4886, dchi2frac= 1.0



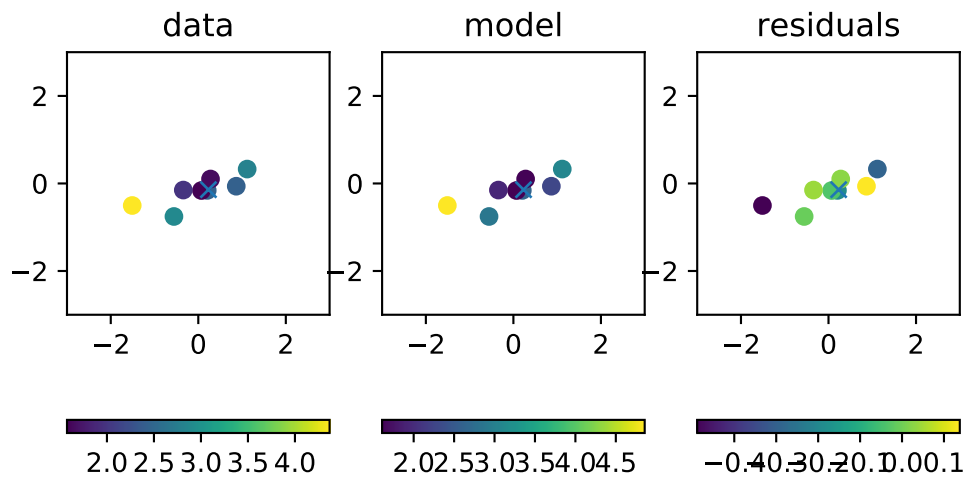
Fiber 270, dchi2frac= 1.0



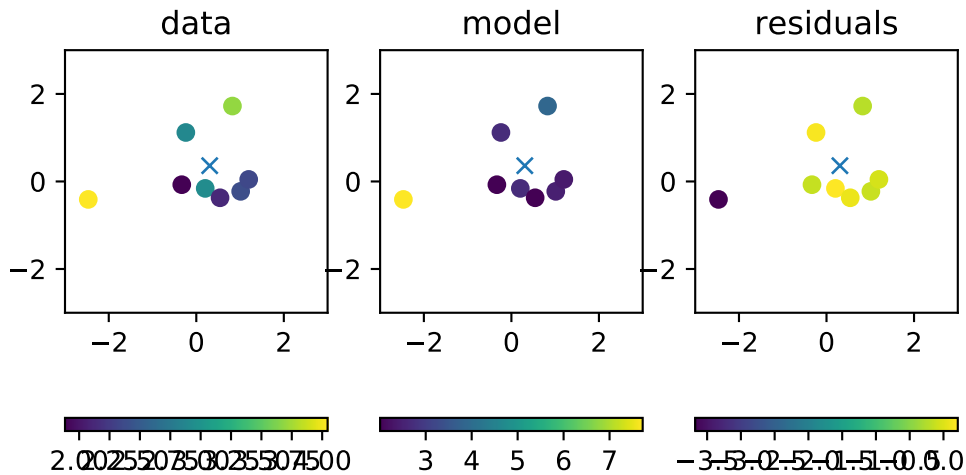
Fiber 1110, dchi2frac= 1.0



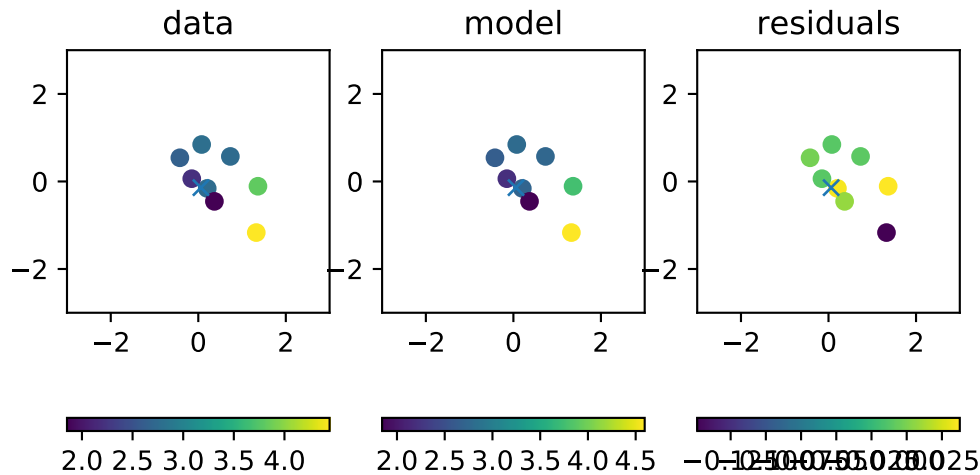
Fiber 2624, dchi2frac= 1.0



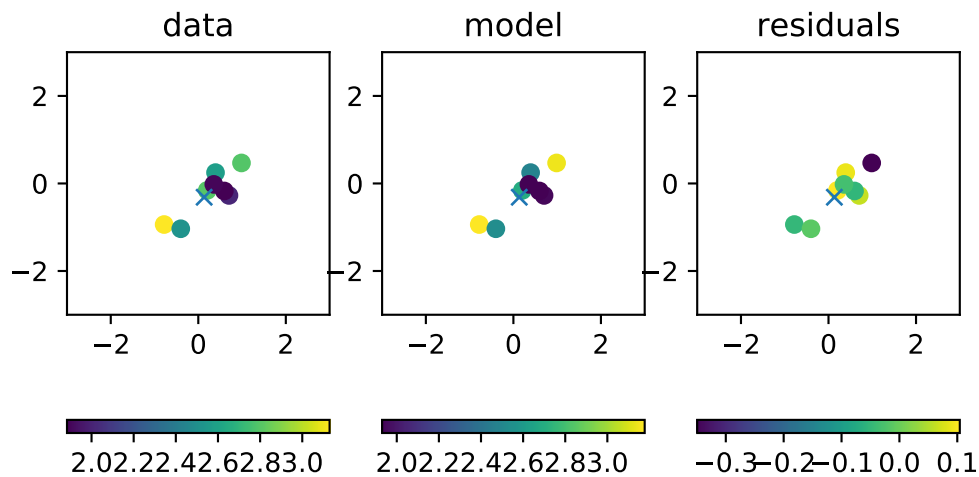
Fiber 1408, dchi2frac= 1.0



Fiber 418, dchi2frac= 1.0



Fiber 672, dchi2frac= 1.0



Fiber 4820, dchi2frac= 1.0

