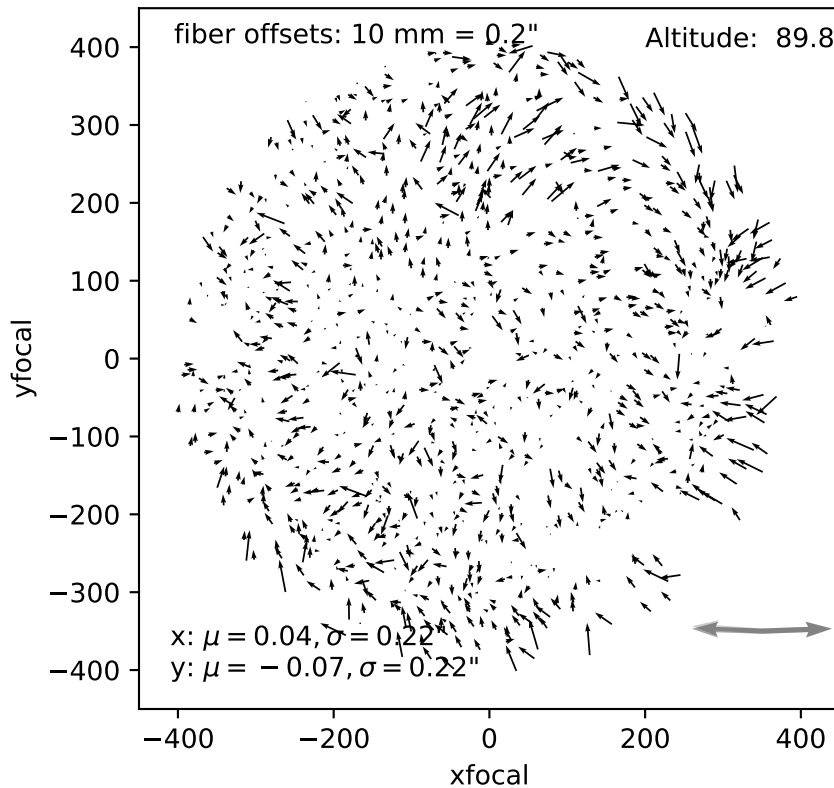
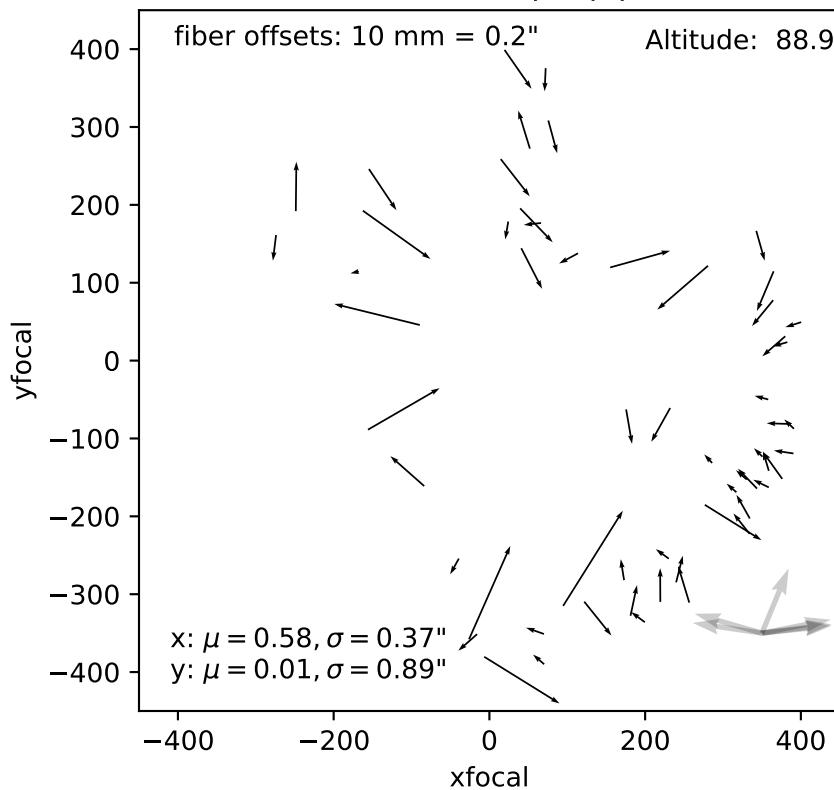
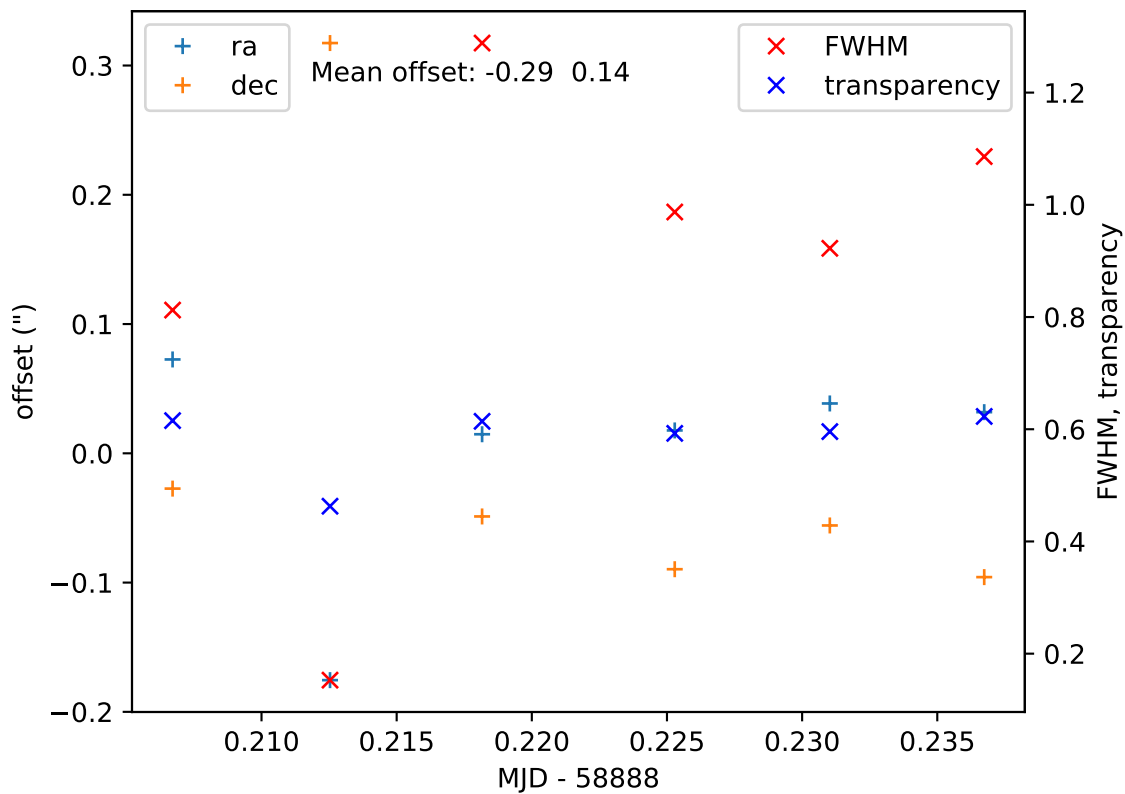


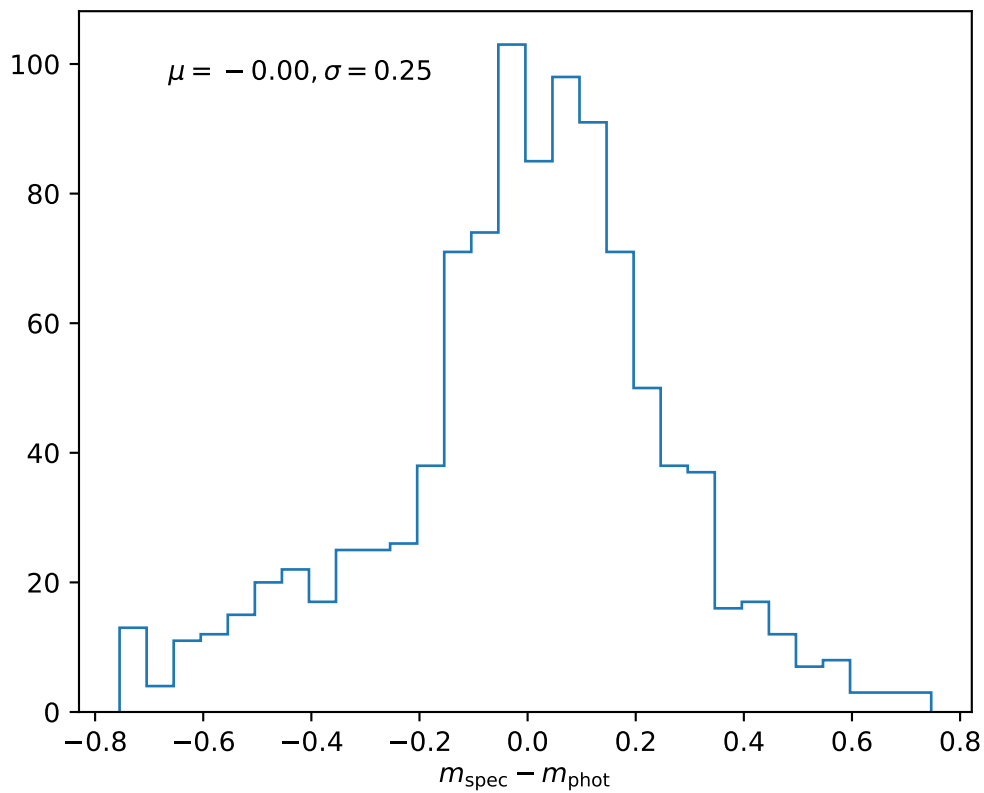
dither20200208-63159-spectpipe-R (clipped)



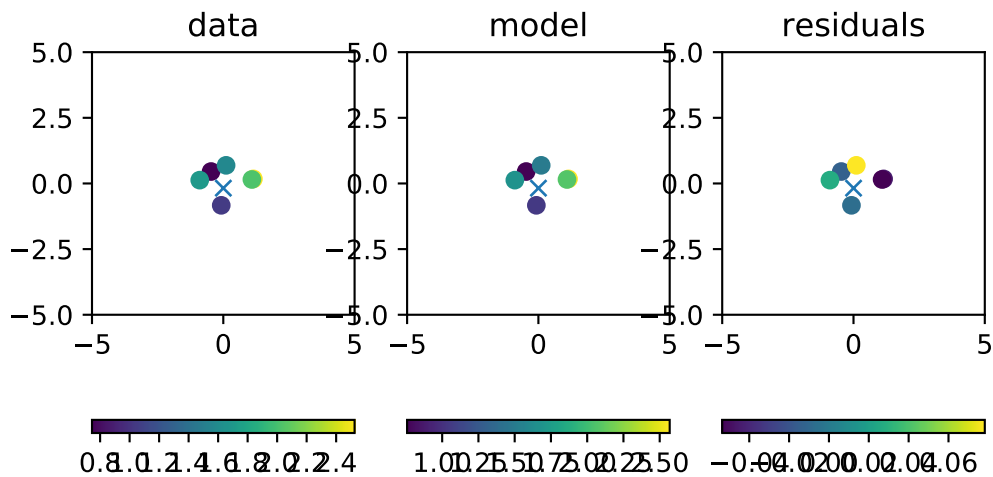
dither20200208-63159-specpipe-R (outliers)



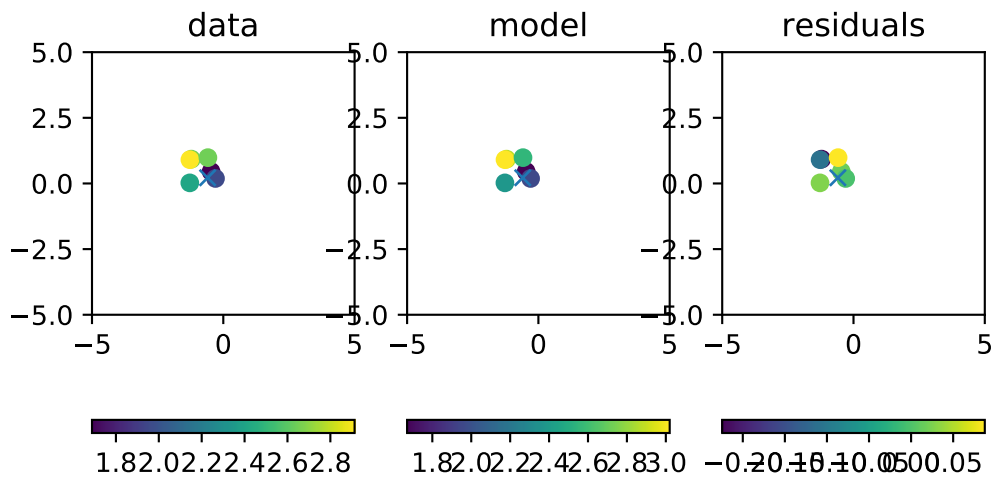




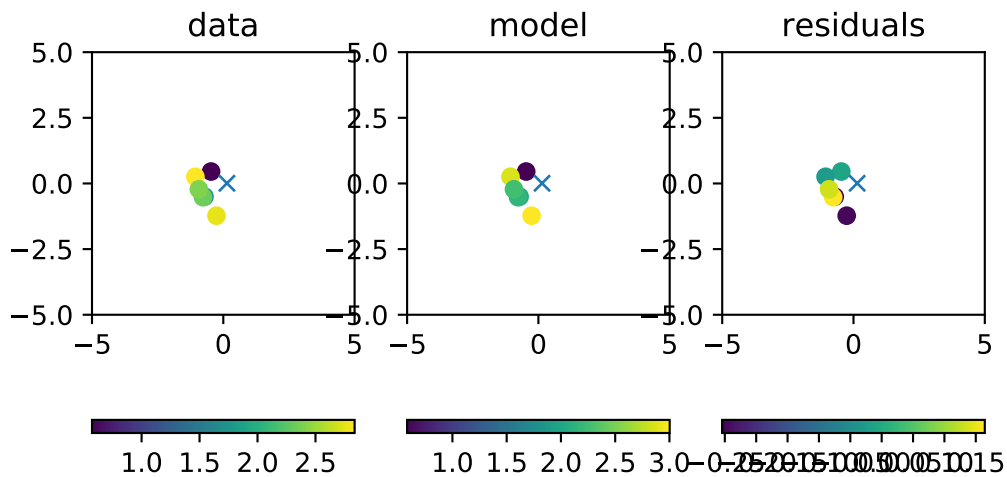
Fiber 3201, dchi2frac= 1.0



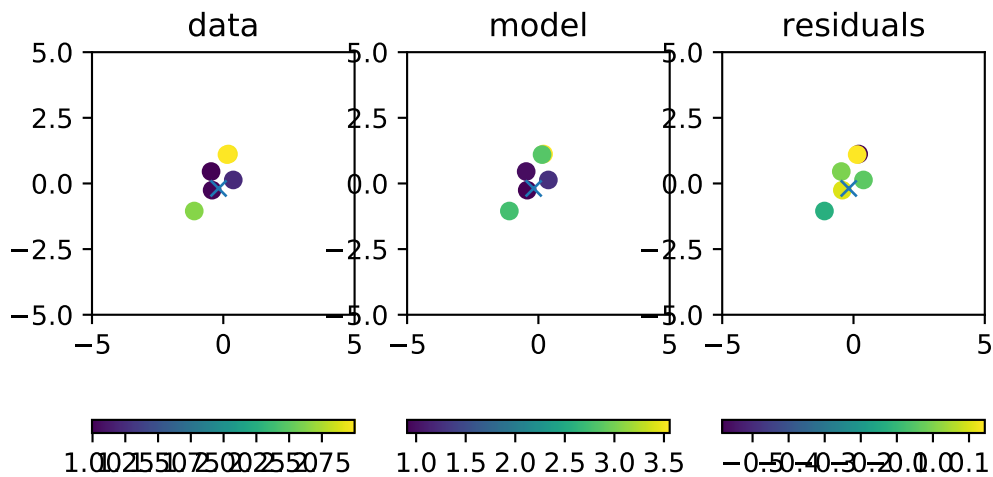
Fiber 1474, dchi2frac= 1.0



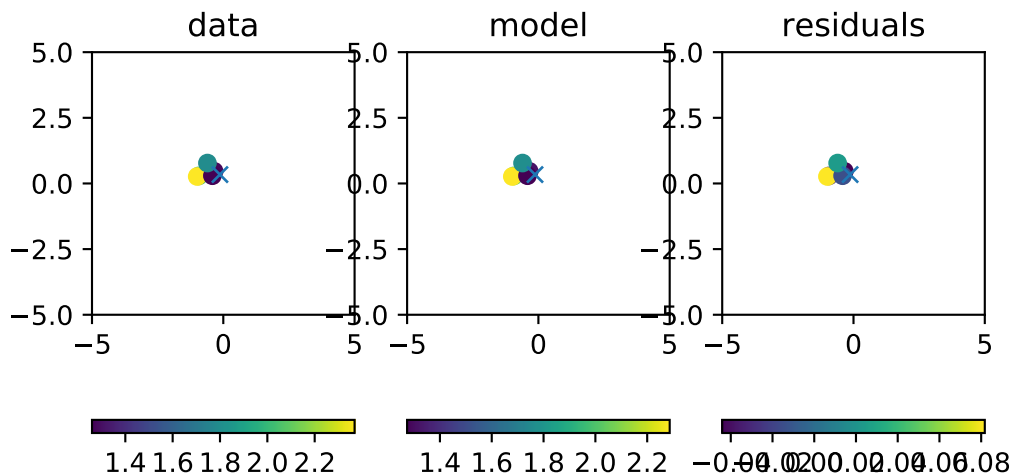
Fiber 2567, dchi2frac= 1.0



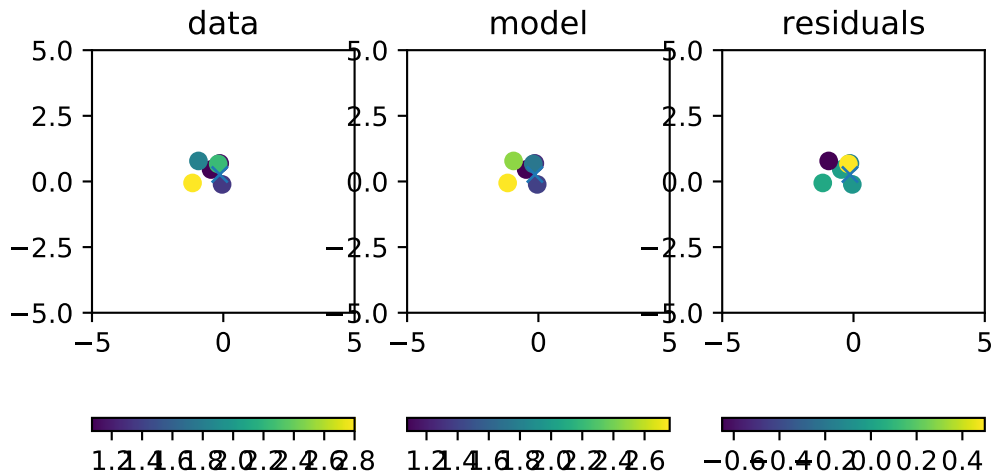
Fiber 3313, dchi2frac= 1.0



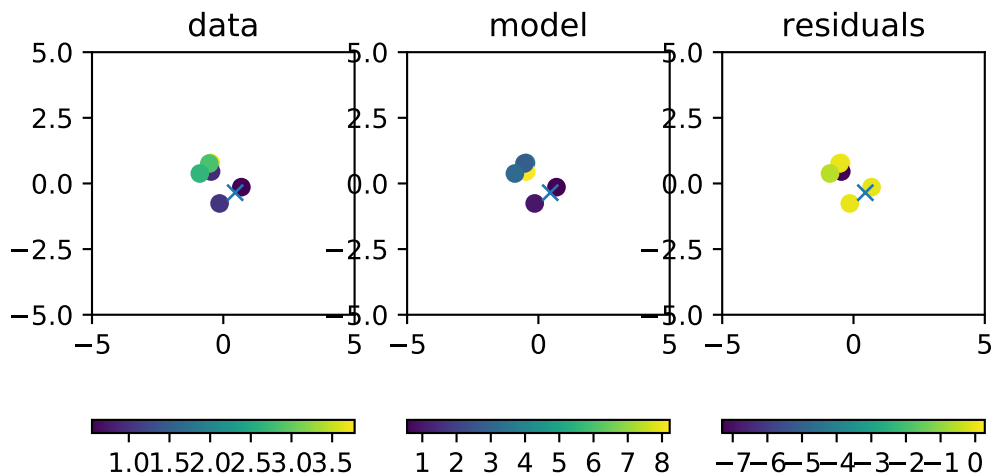
Fiber 4881, dchi2frac= 1.0



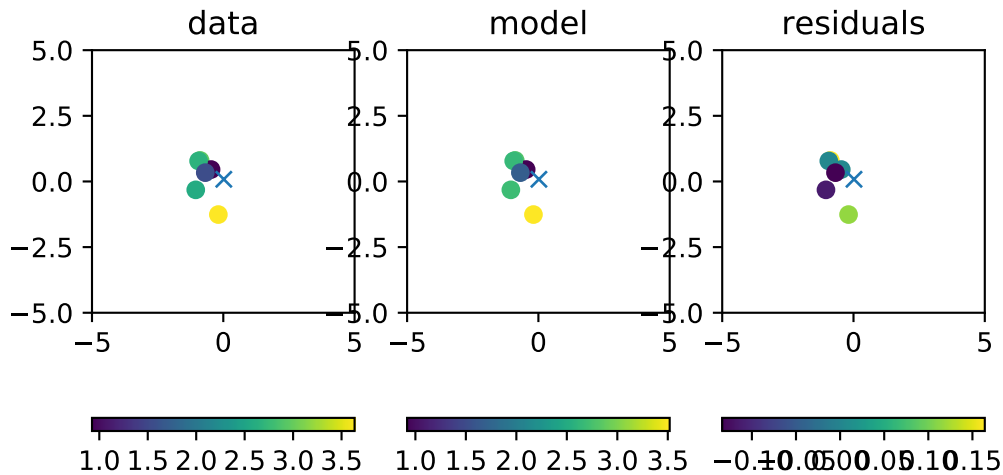
Fiber 273, dchi2frac= 1.0



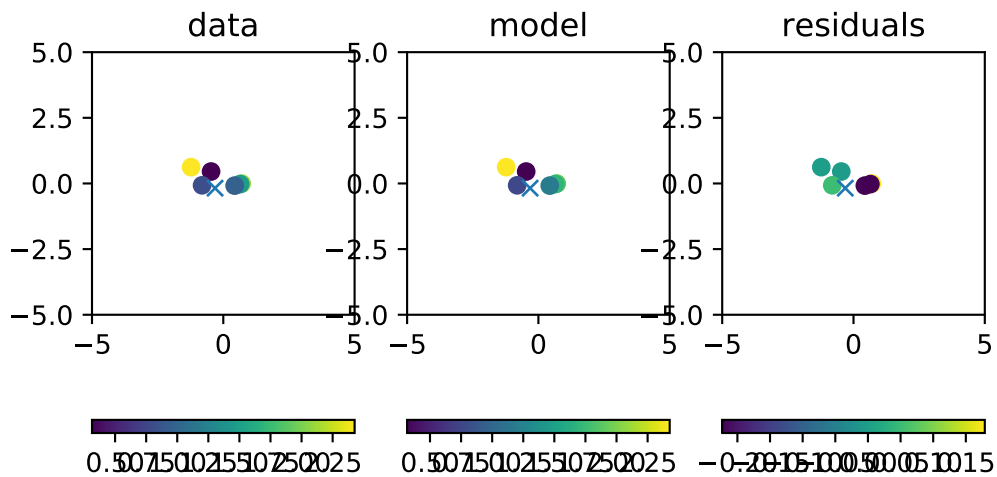
Fiber 2887, dchi2frac= 1.0



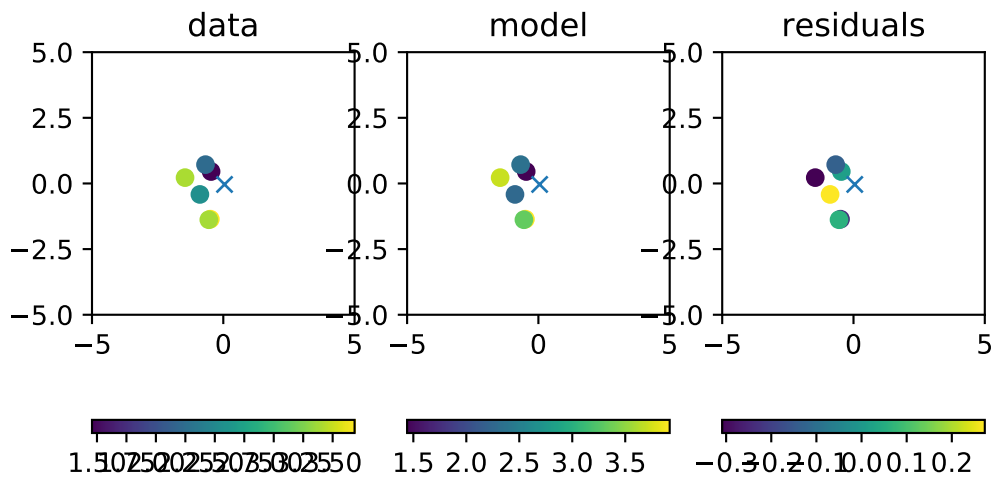
Fiber 985, dchi2frac= 1.0



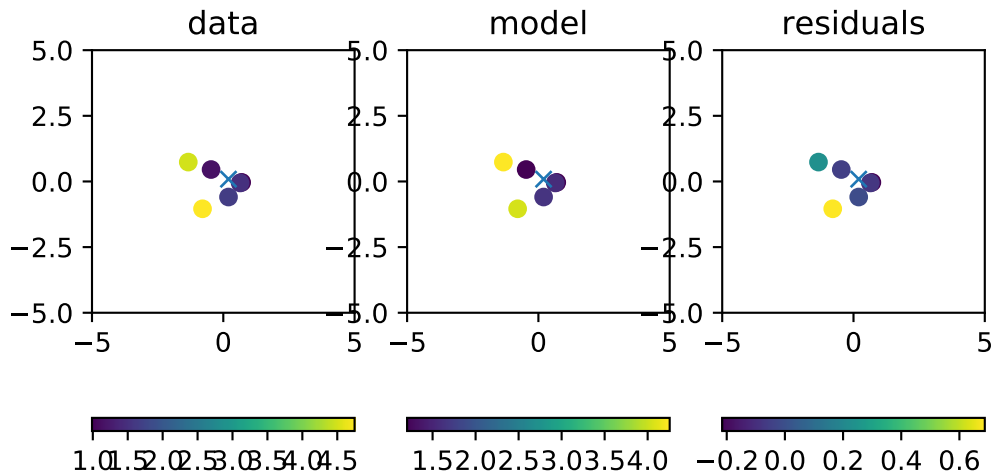
Fiber 4172, dchi2frac= 1.0



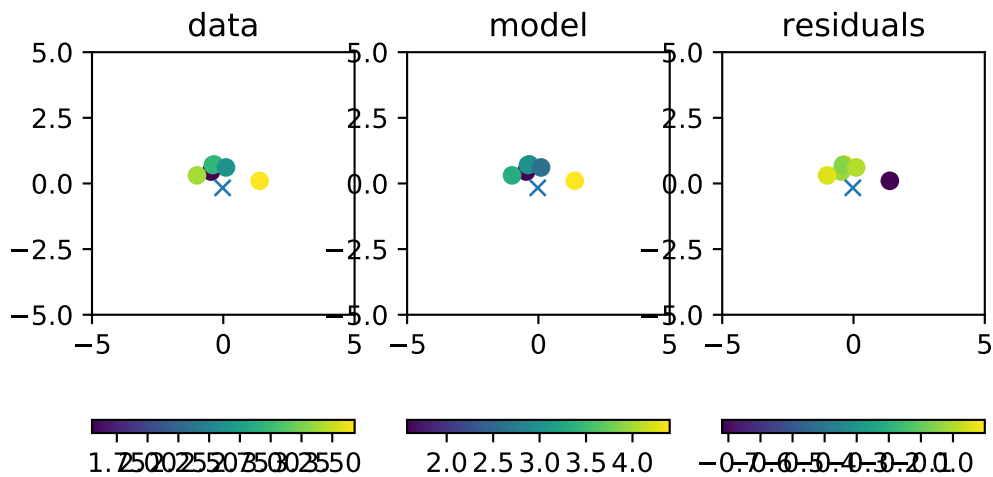
Fiber 4204, dchi2frac= 1.0



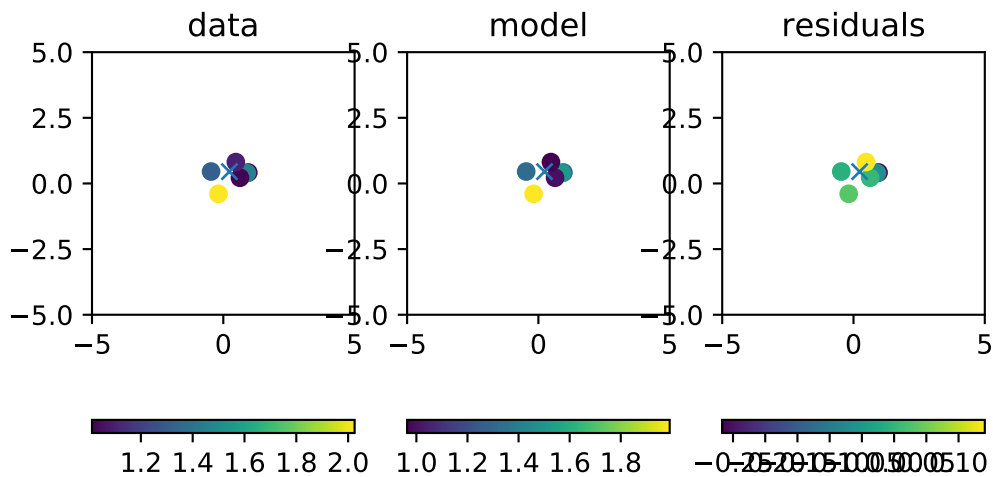
Fiber 1830, dchi2frac= 1.0



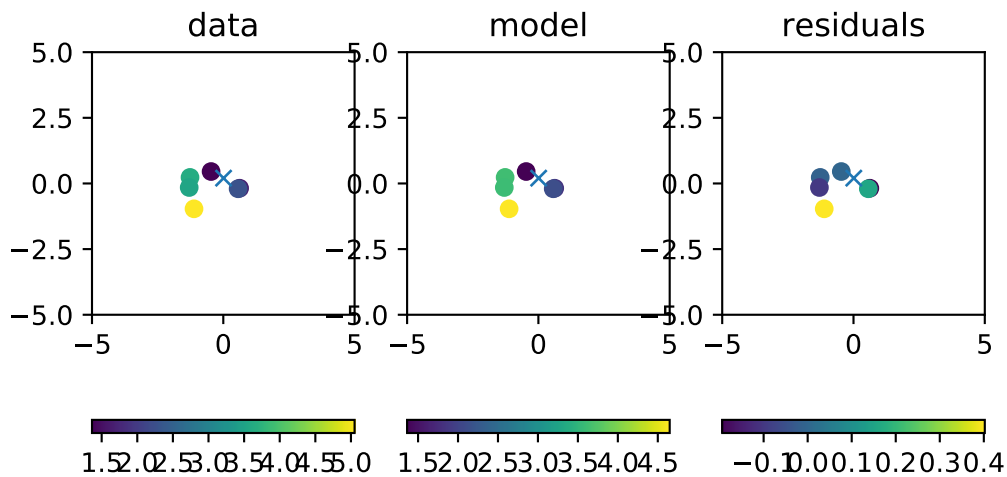
Fiber 4710, dchi2frac= 1.0



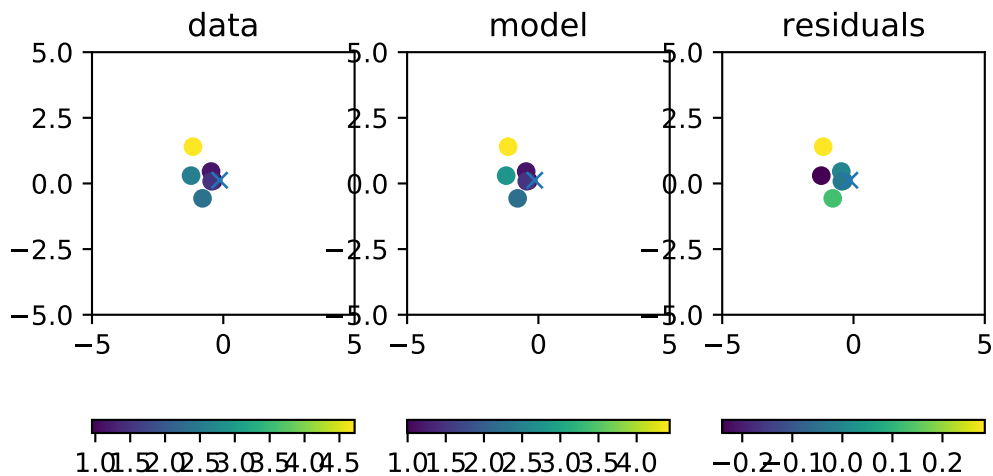
Fiber 2436, dchi2frac= 1.0



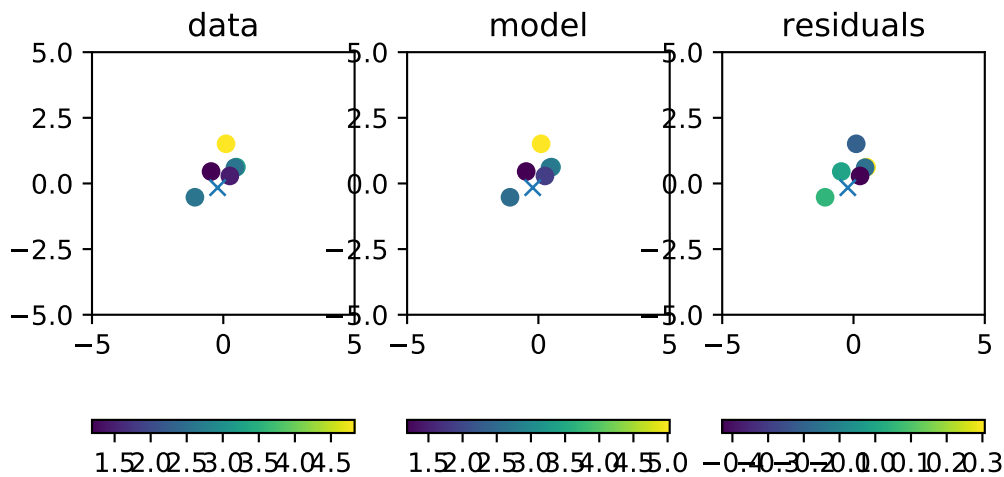
Fiber 1531, dchi2frac= 1.0



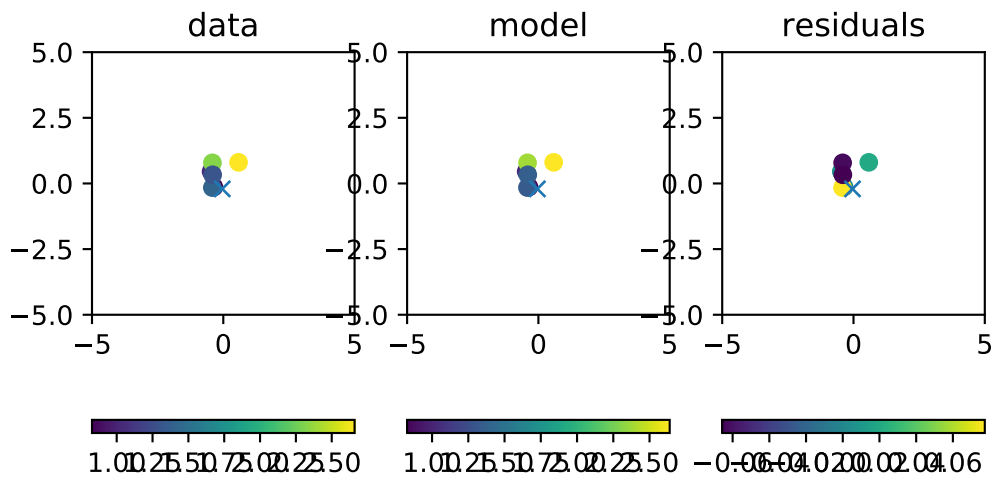
Fiber 3567, dchi2frac= 1.0



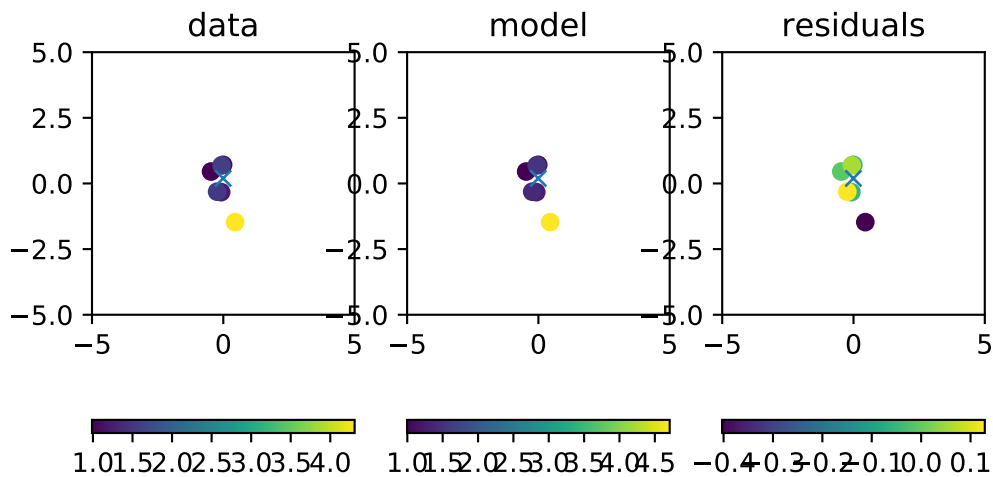
Fiber 3013, dchi2frac= 1.0



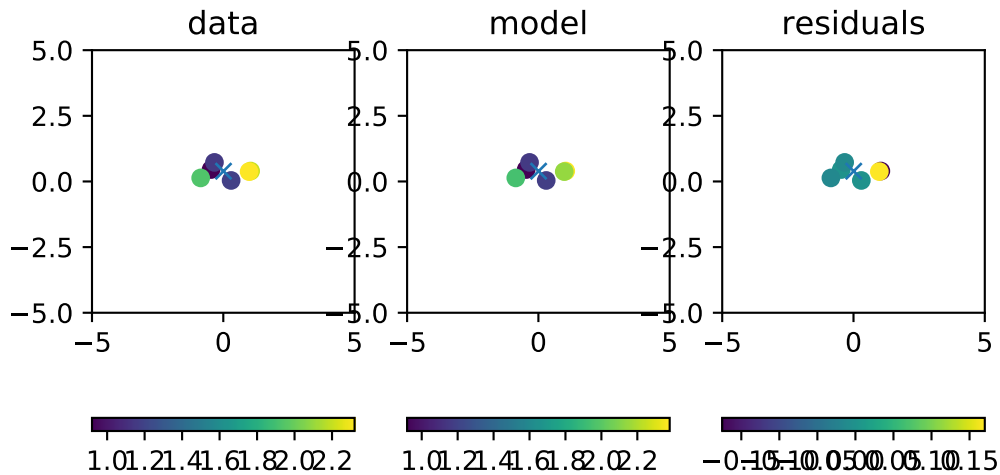
Fiber 3346, dchi2frac= 1.0



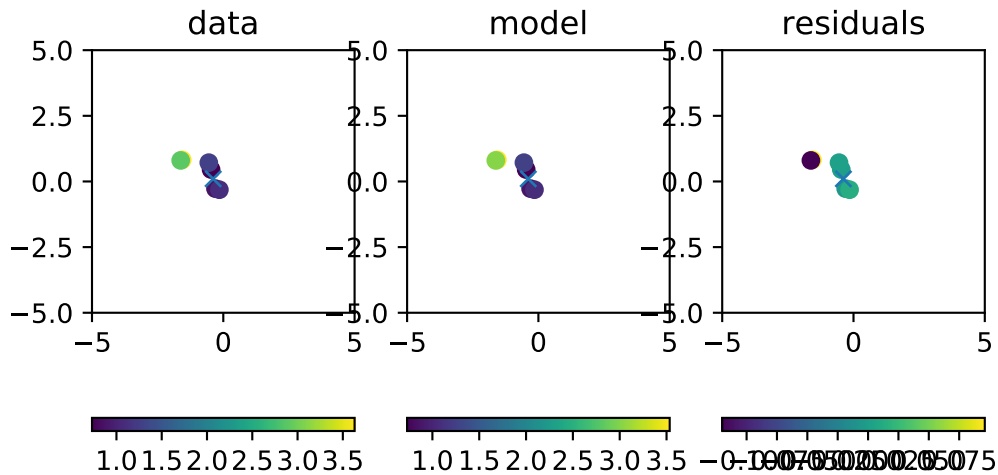
Fiber 3926, dchi2frac= 1.0



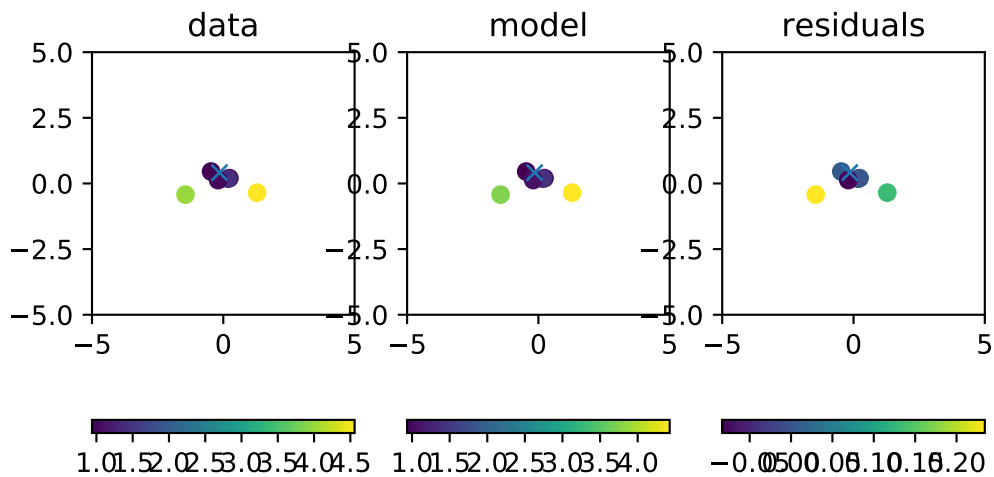
Fiber 954, dchi2frac= 1.0



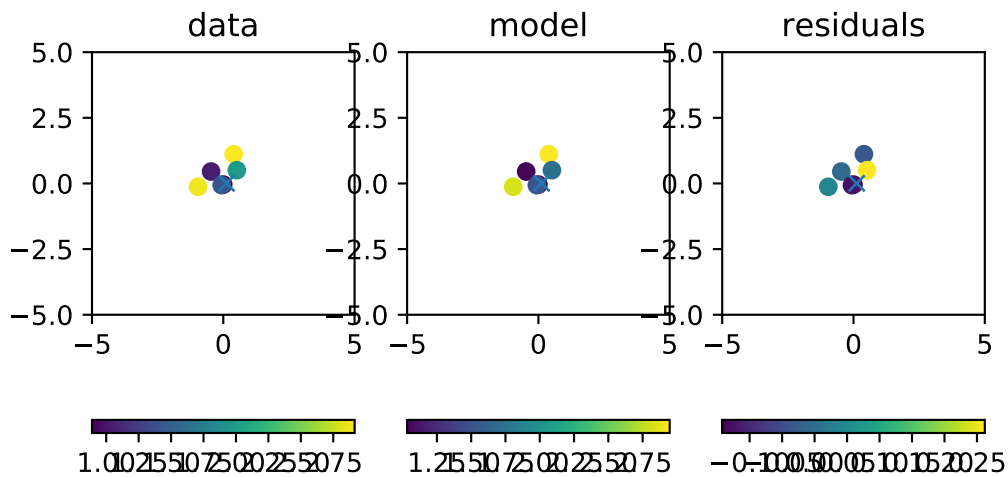
Fiber 1314, dchi2frac= 1.0



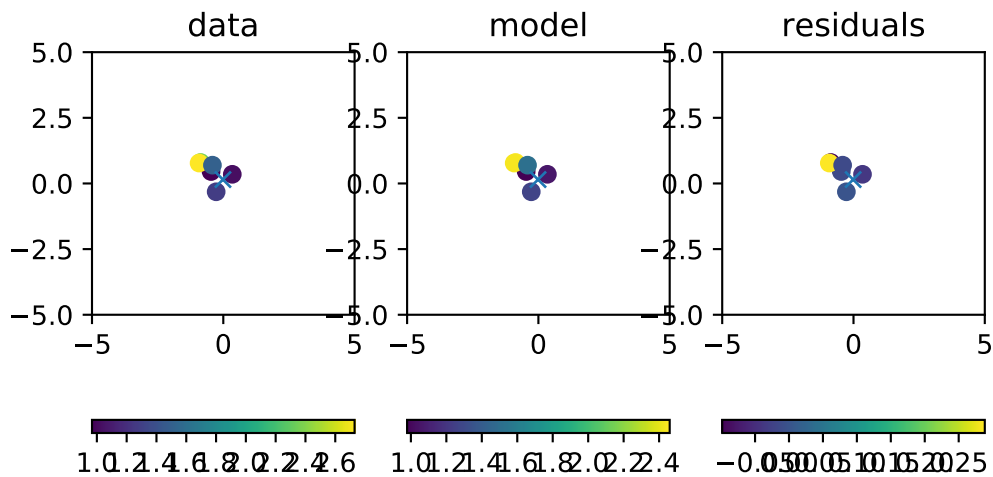
Fiber 91, dchi2frac= 1.0



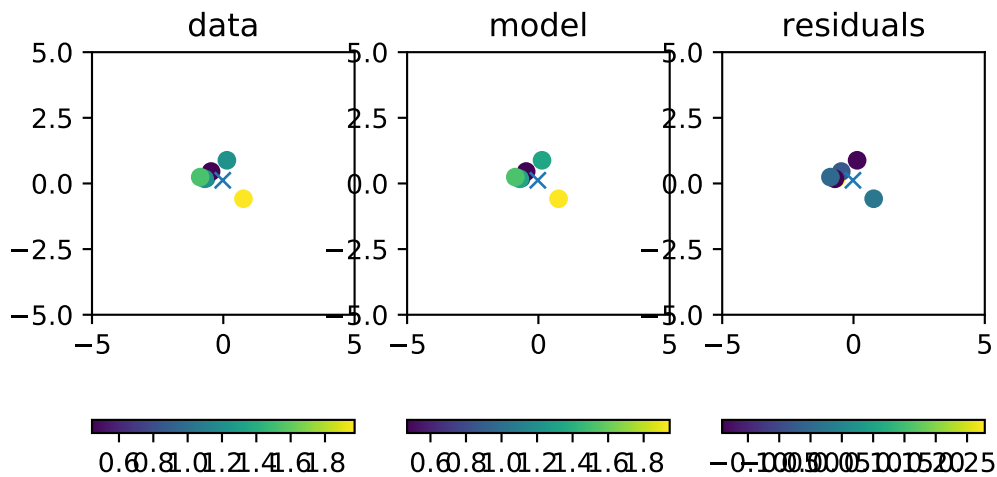
Fiber 4477, dchi2frac= 1.0



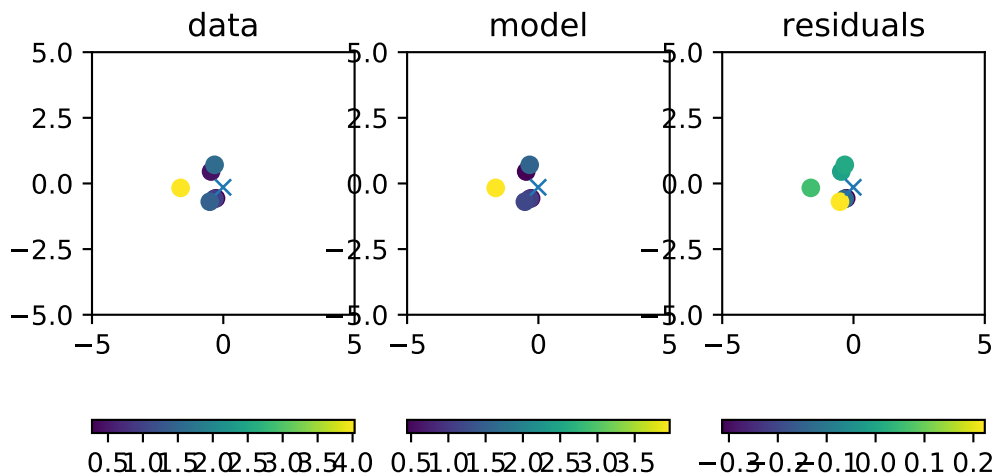
Fiber 4766, dchi2frac= 1.0



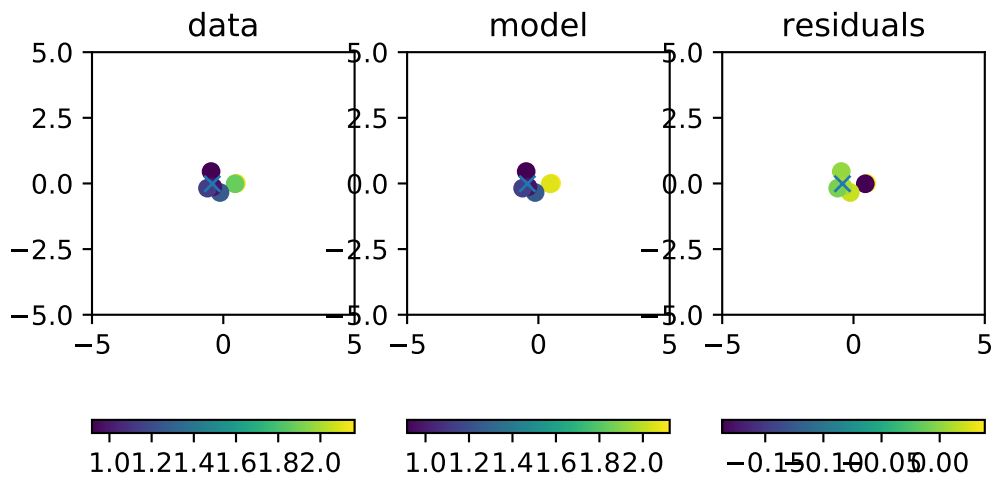
Fiber 1261, dchi2frac= 1.0



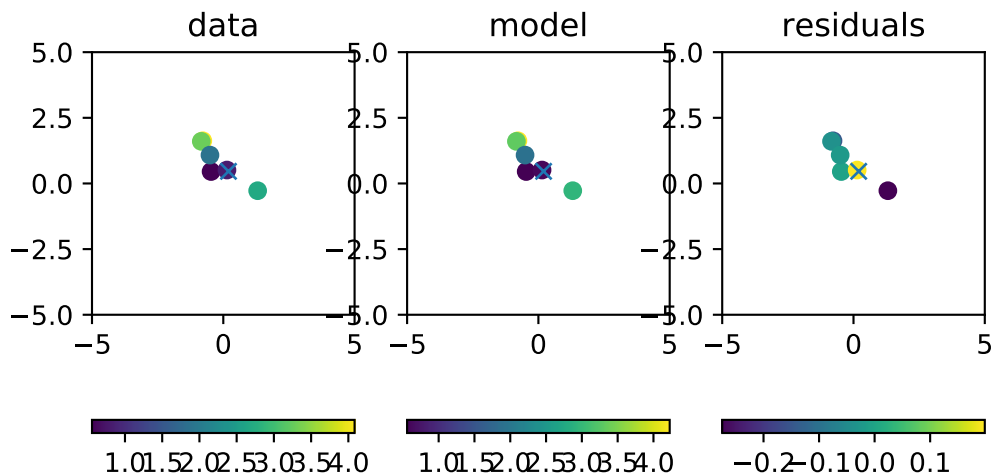
Fiber 3075, dchi2frac= 1.0



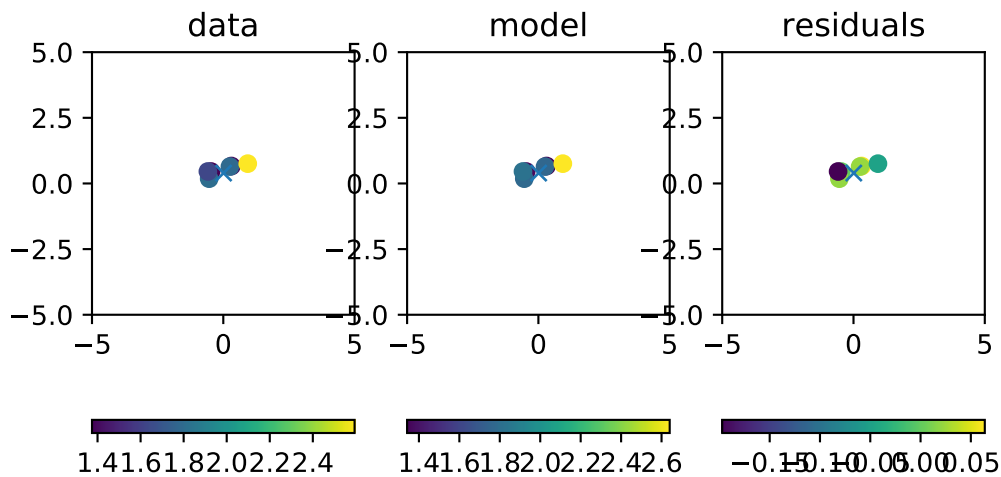
Fiber 4047, dchi2frac= 1.0



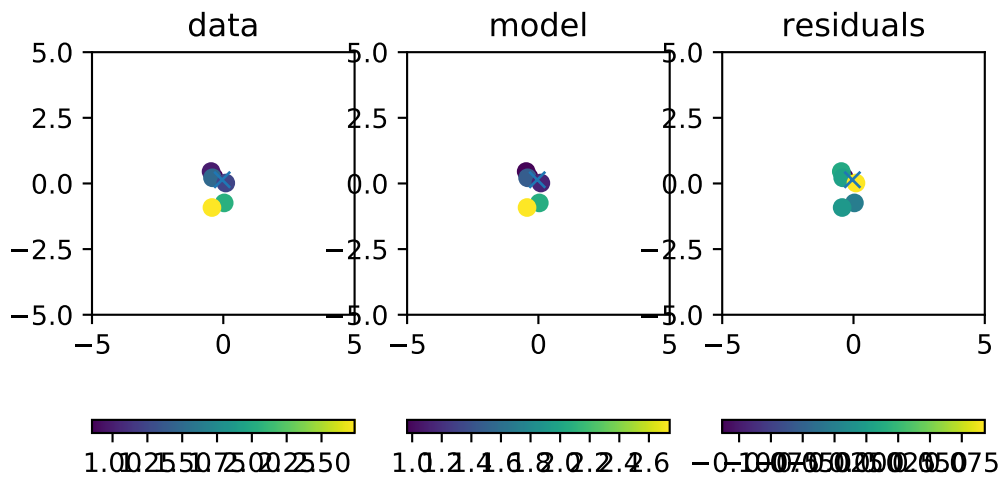
Fiber 3467, dchi2frac= 1.0



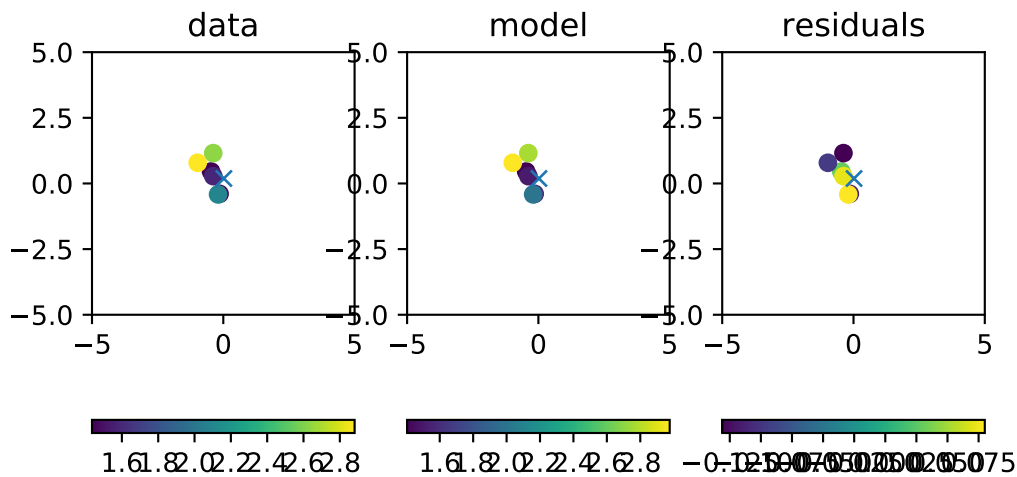
Fiber 2116, dchi2frac= 1.0



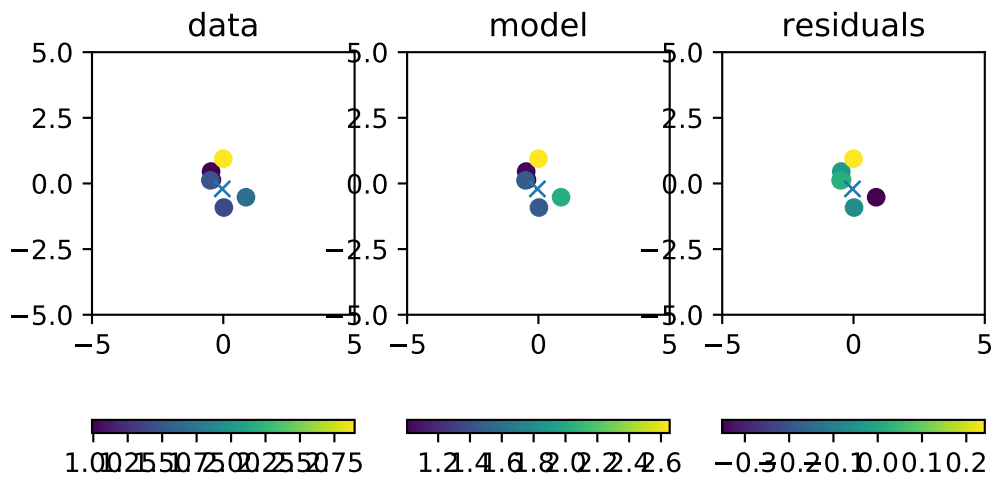
Fiber 3835, dchi2frac= 1.0



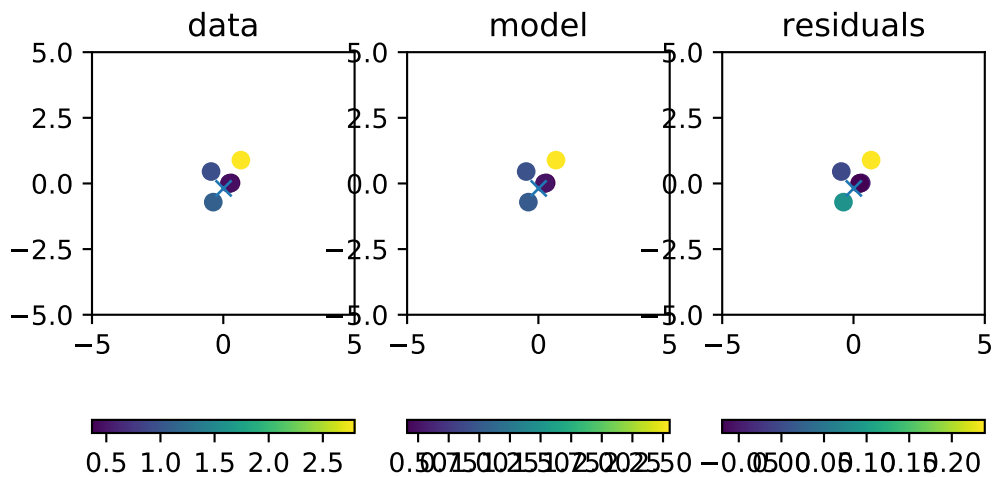
Fiber 4889, dchi2frac= 1.0



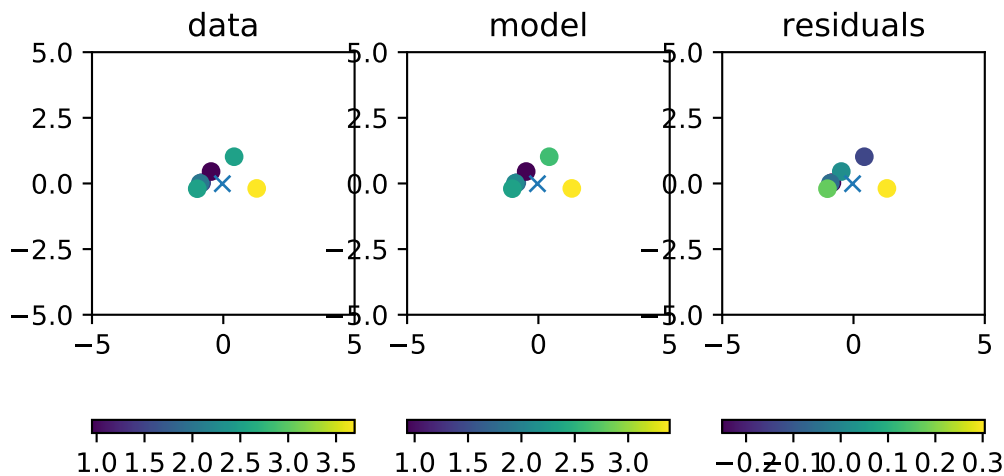
Fiber 3111, dchi2frac= 1.0



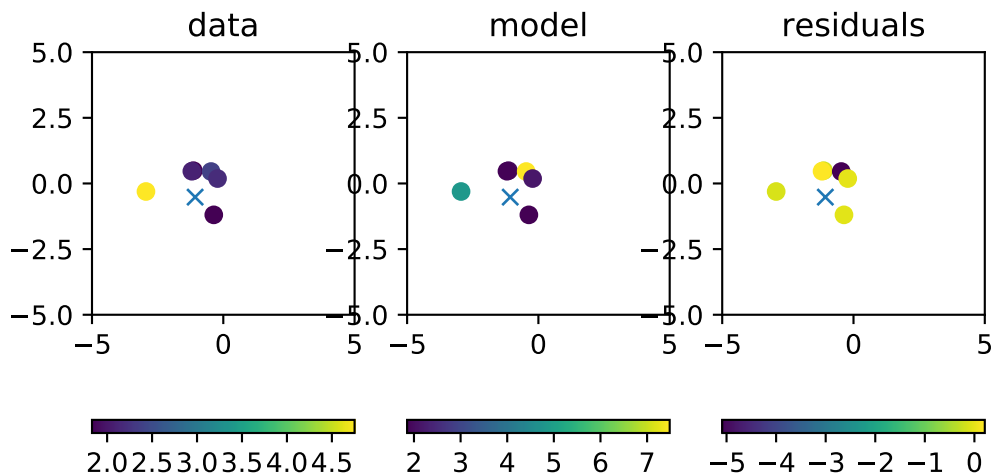
Fiber 2878, dchi2frac= 1.0



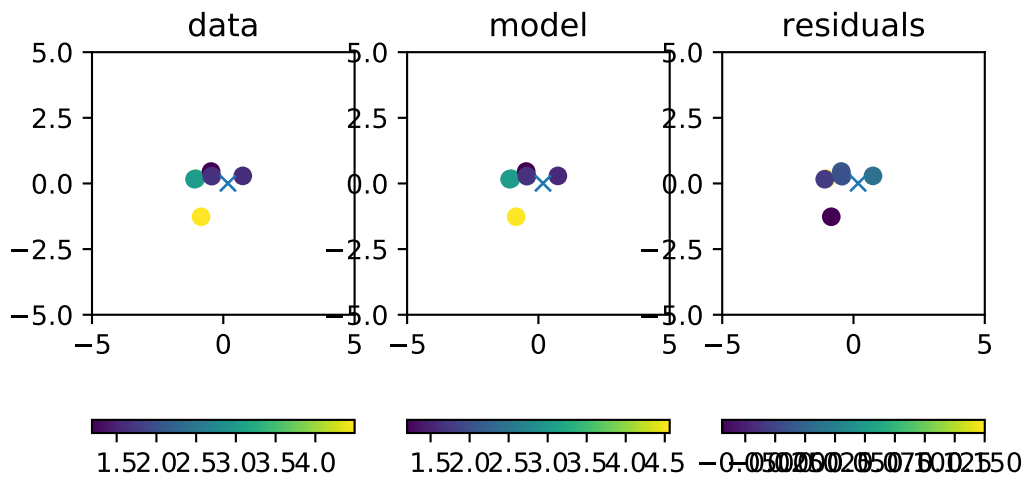
Fiber 4804, dchi2frac= 1.0



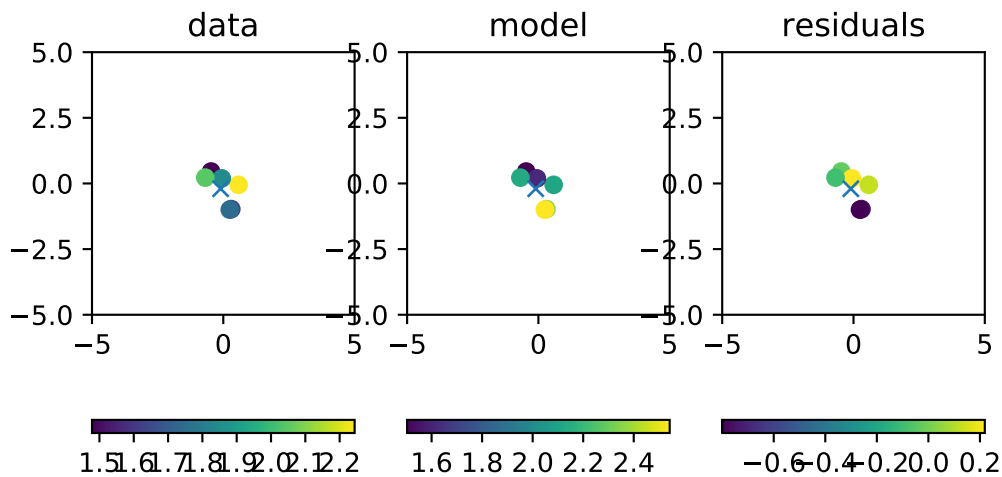
Fiber 1371, dchi2frac= 1.0



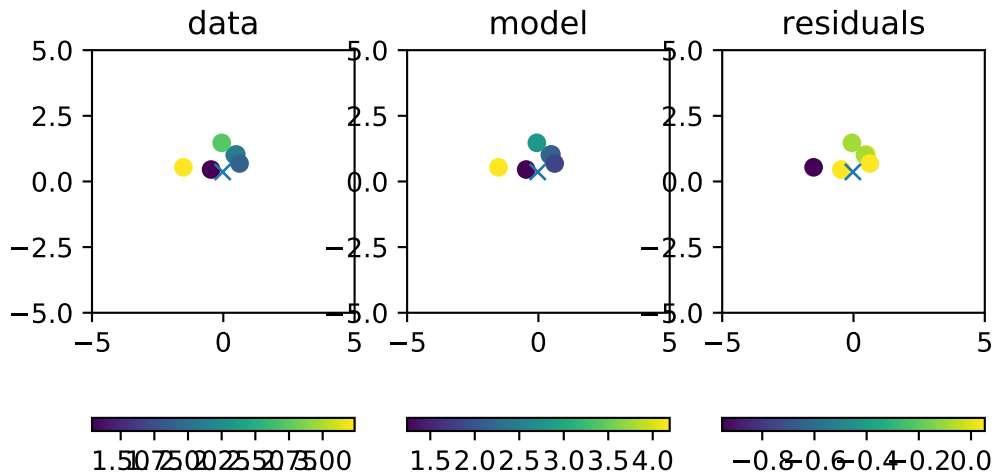
Fiber 1507, dchi2frac= 1.0



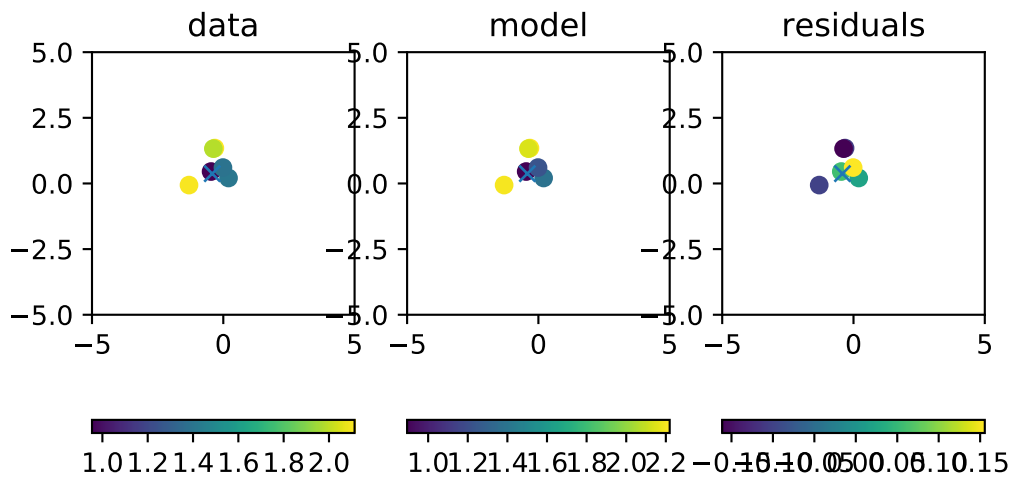
Fiber 4914, dchi2frac= 1.0



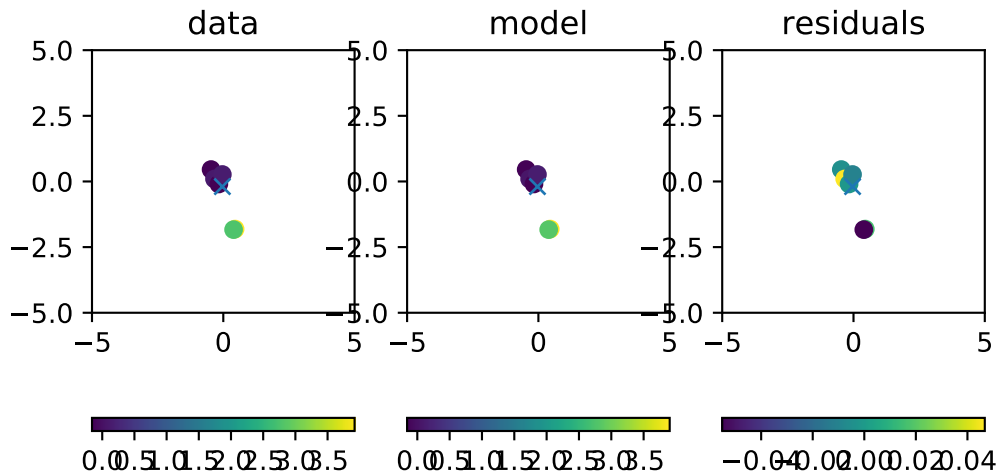
Fiber 705, dchi2frac= 1.0



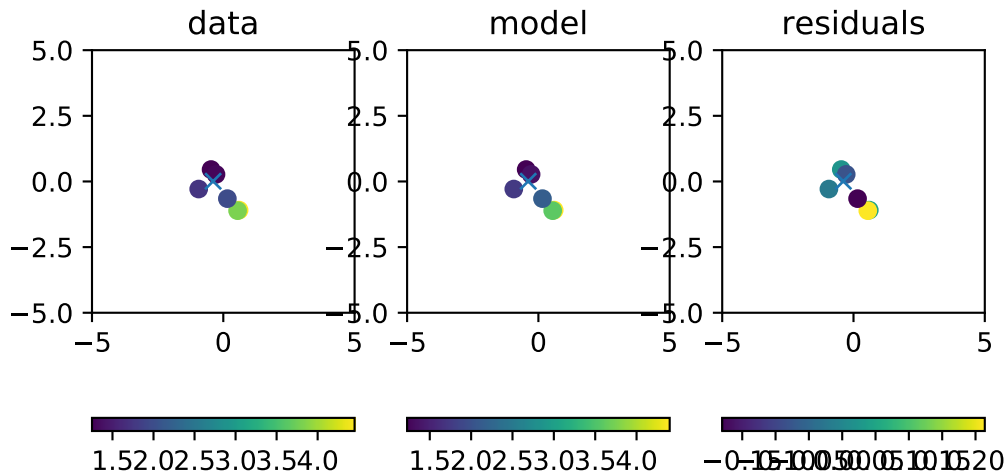
Fiber 1617, dchi2frac= 1.0



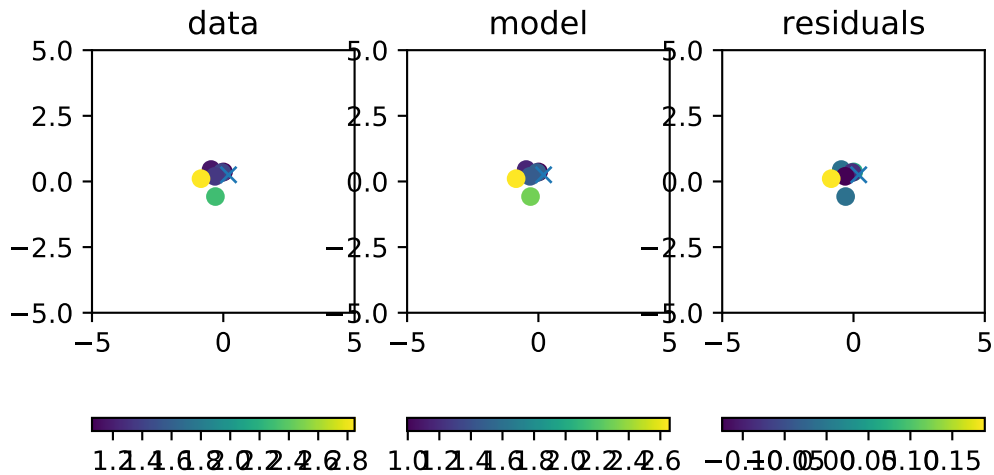
Fiber 3235, dchi2frac= 1.0



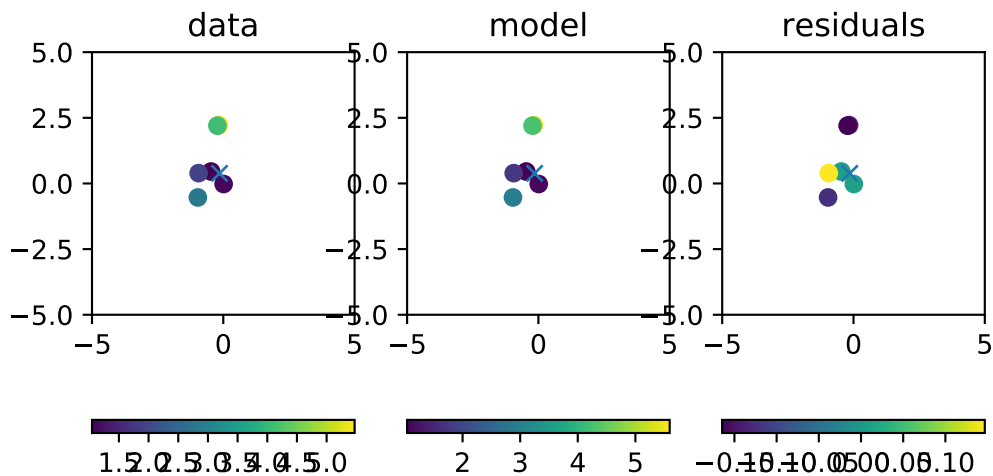
Fiber 936, dchi2frac= 1.0



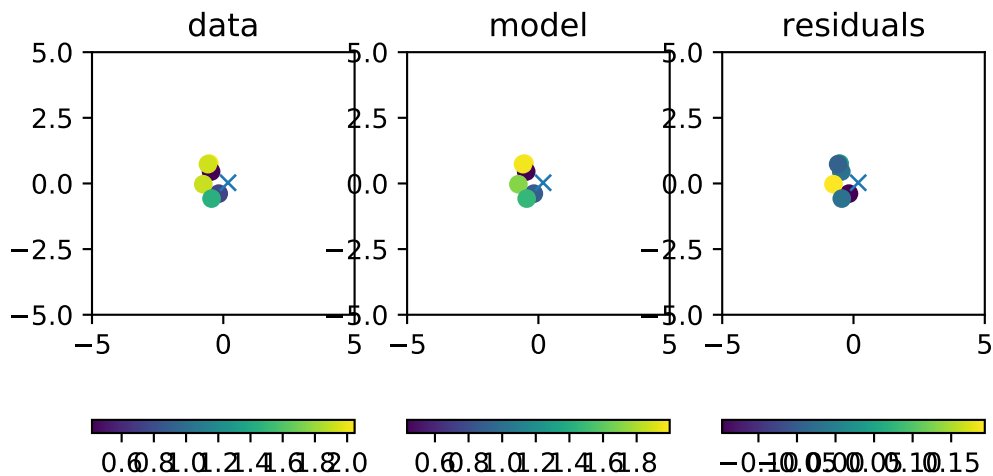
Fiber 1841, dchi2frac= 1.0



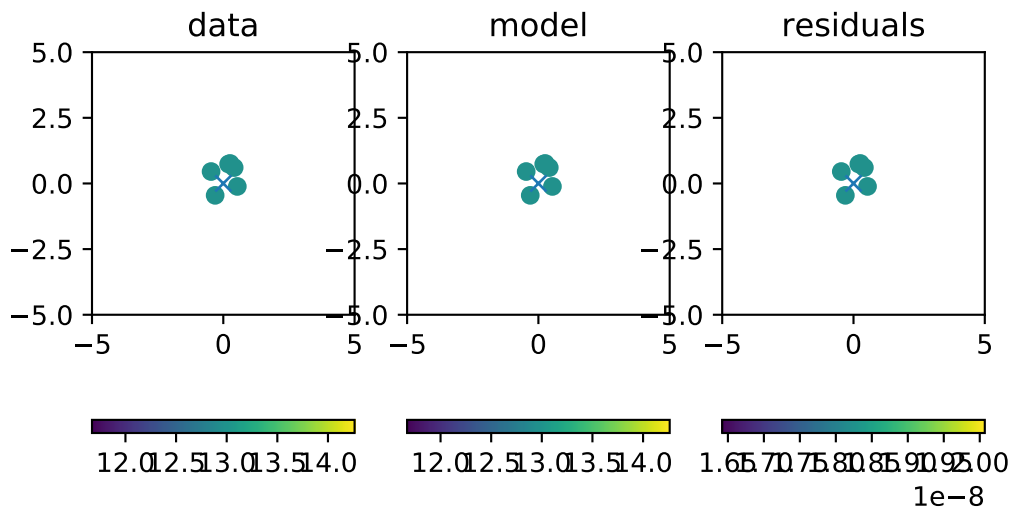
Fiber 4314, dchi2frac= 1.0



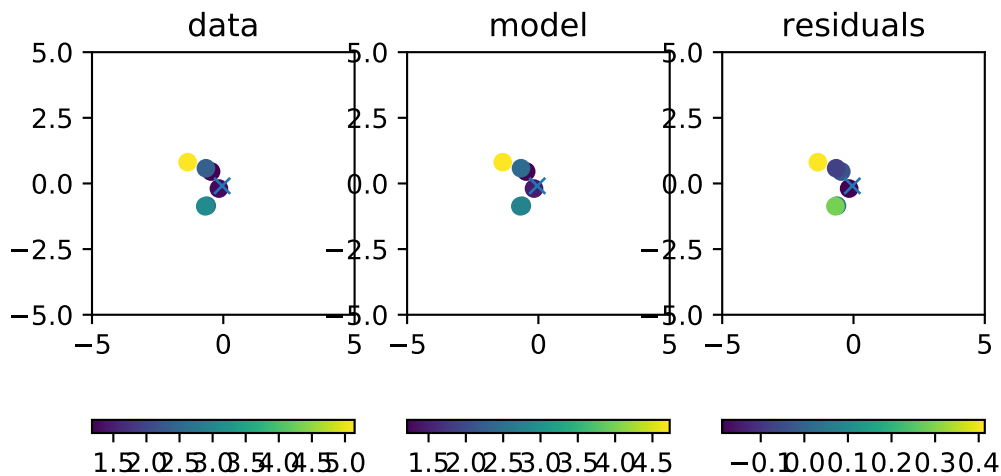
Fiber 2575, dchi2frac= 1.0



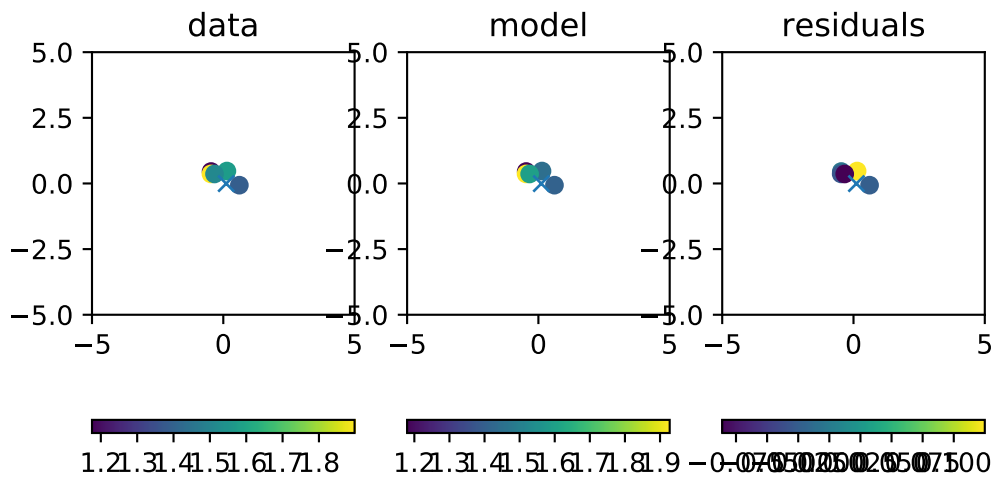
Fiber 1057, dchi2frac= nan



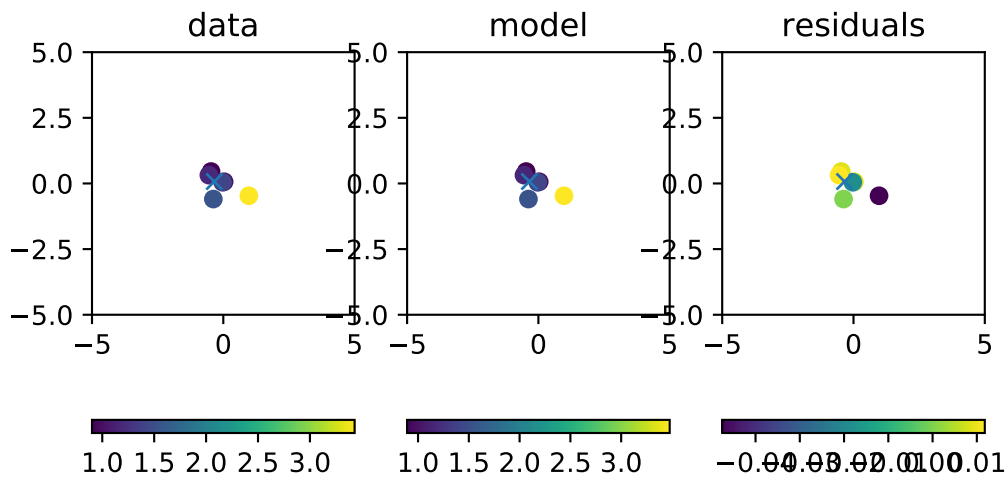
Fiber 4481, dchi2frac= 1.0



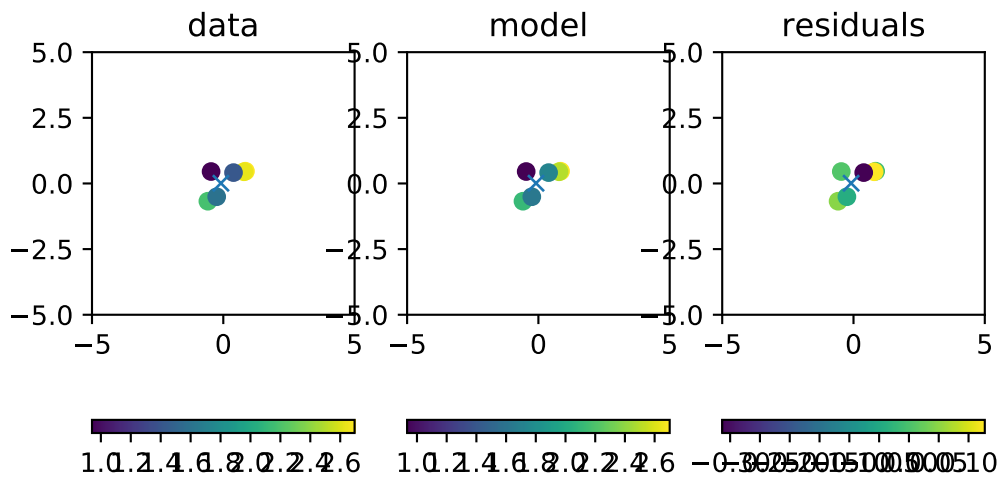
Fiber 2640, dchi2frac= 1.0



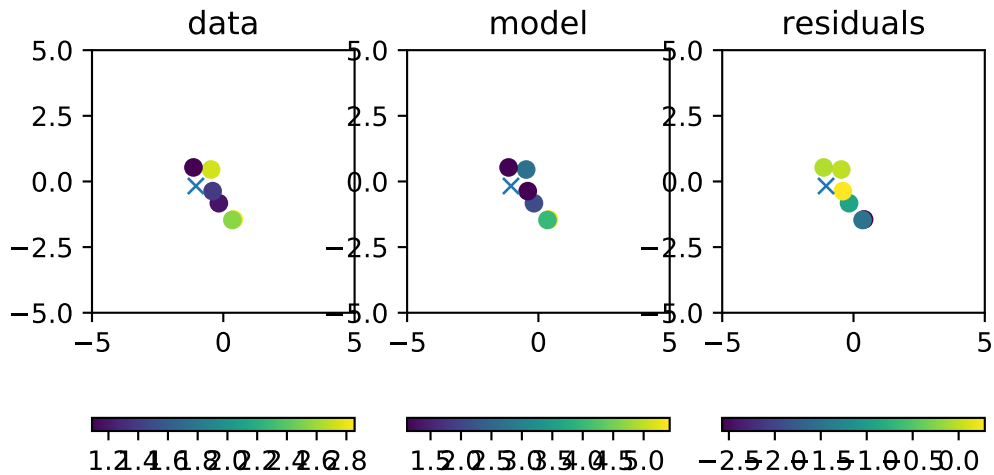
Fiber 4357, dchi2frac= 1.0



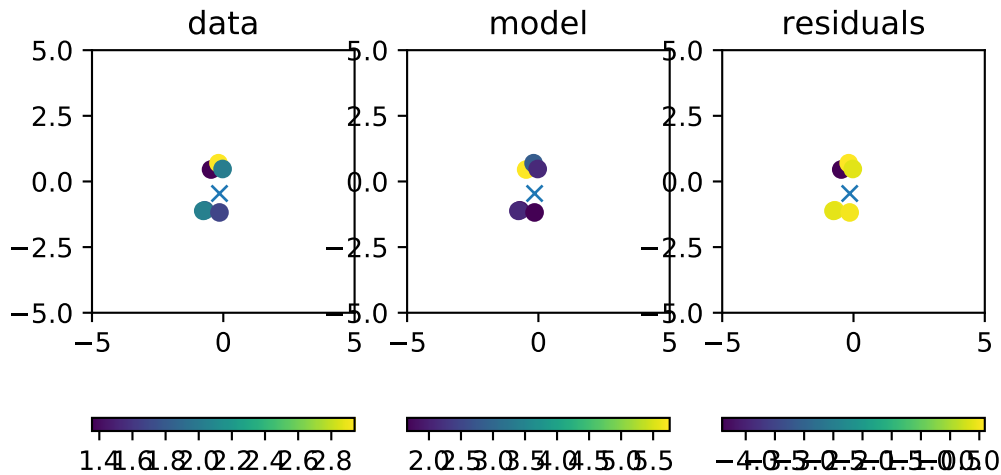
Fiber 4791, dchi2frac= 1.0



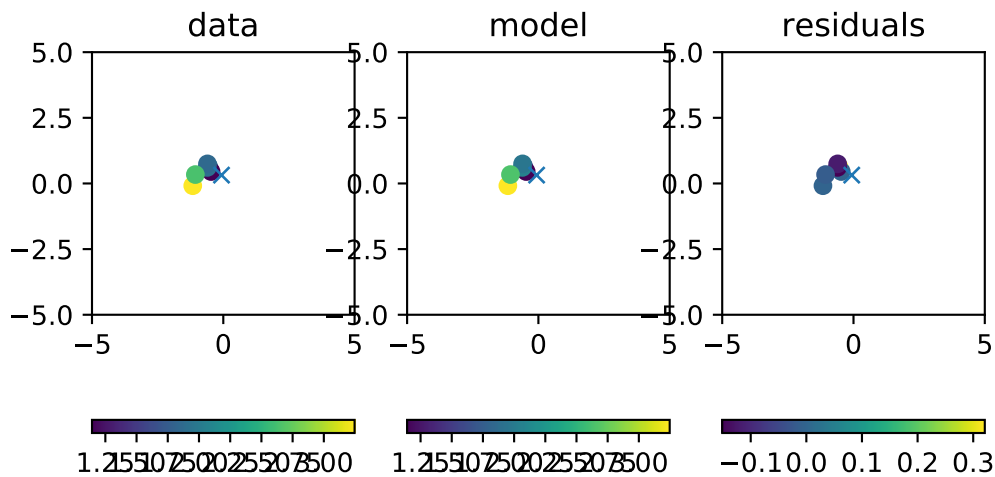
Fiber 389, dchi2frac= 0.9



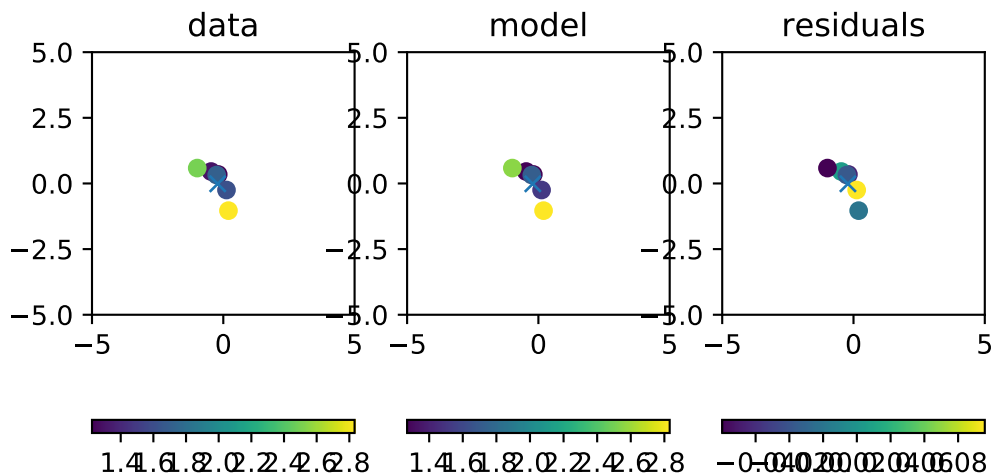
Fiber 316, dchi2frac= 1.0



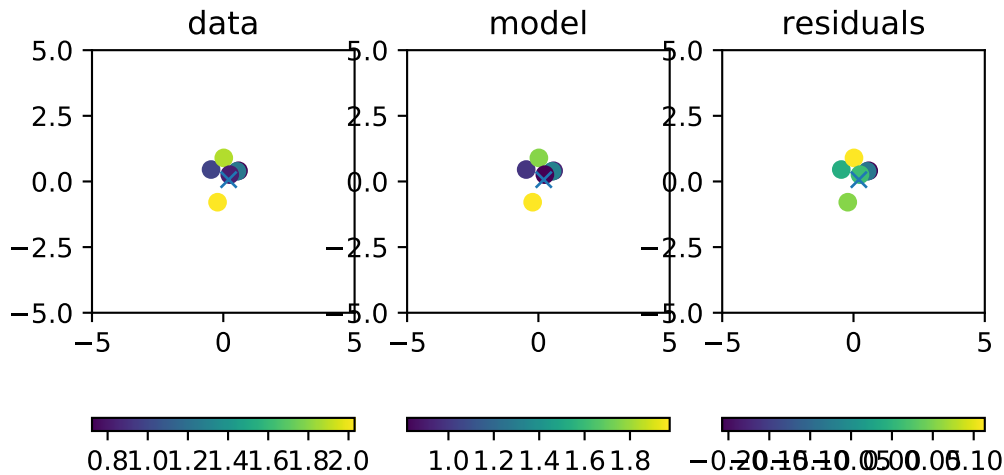
Fiber 1808, dchi2frac= 1.0



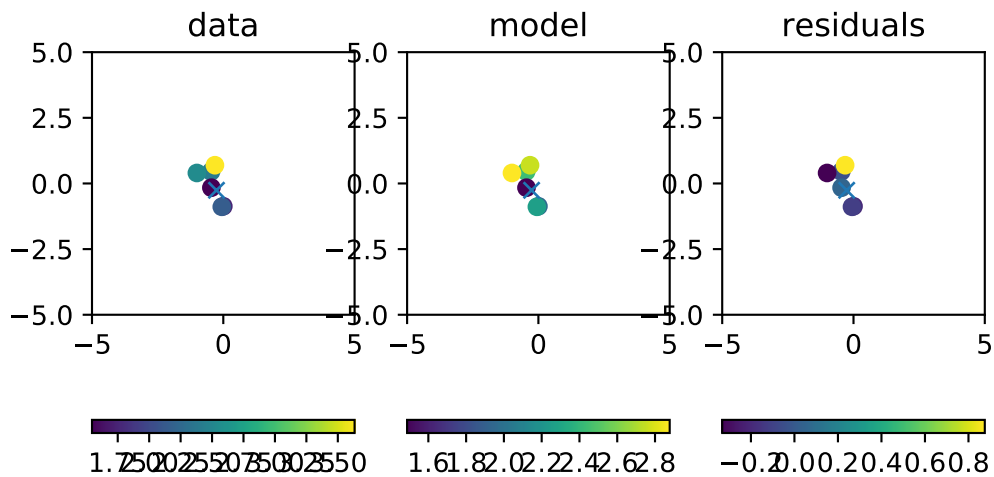
Fiber 4855, dchi2frac= 1.0



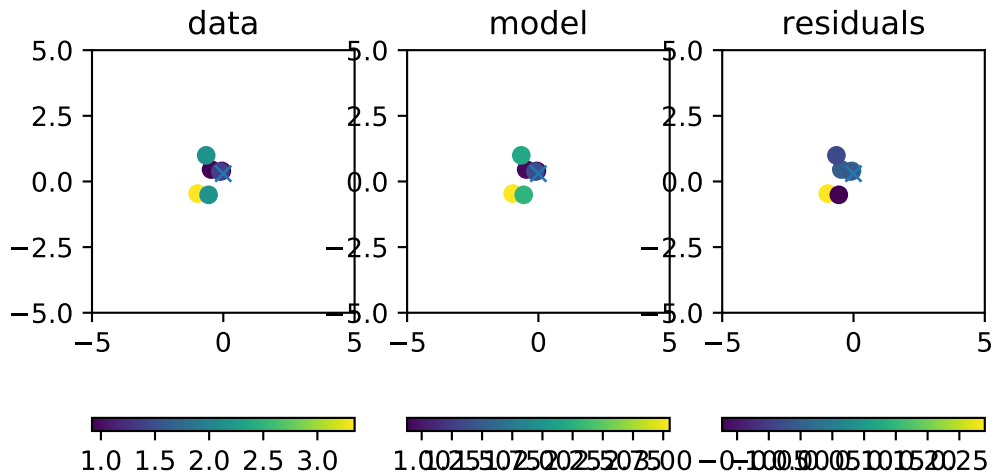
Fiber 2077, dchi2frac= 1.0



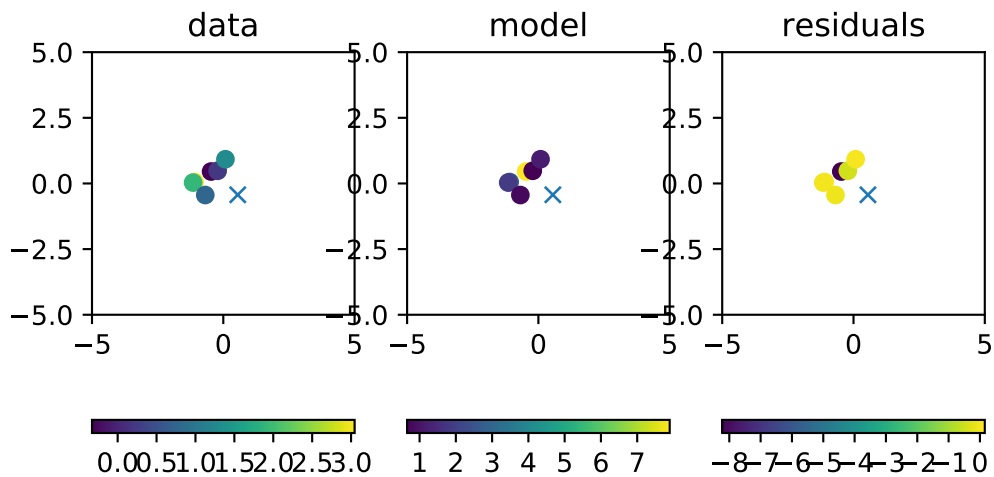
Fiber 1375, dchi2frac= 1.0



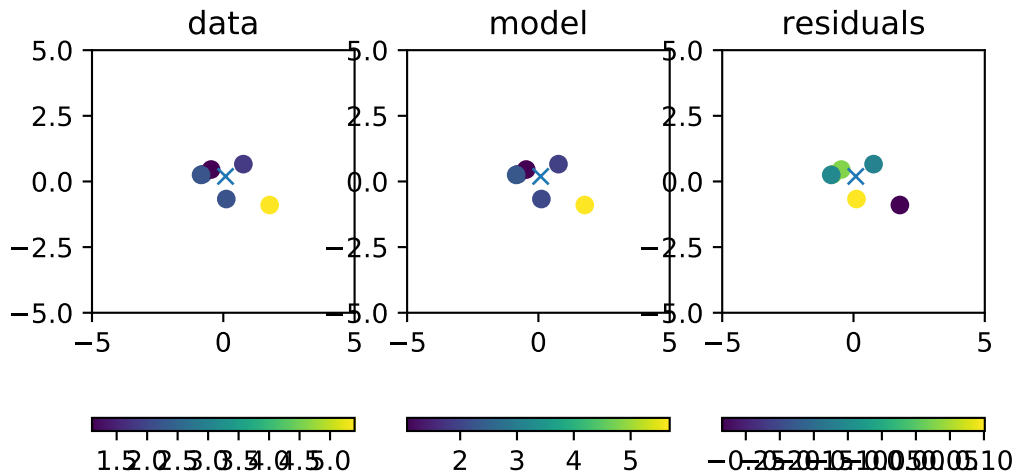
Fiber 627, dchi2frac= 1.0



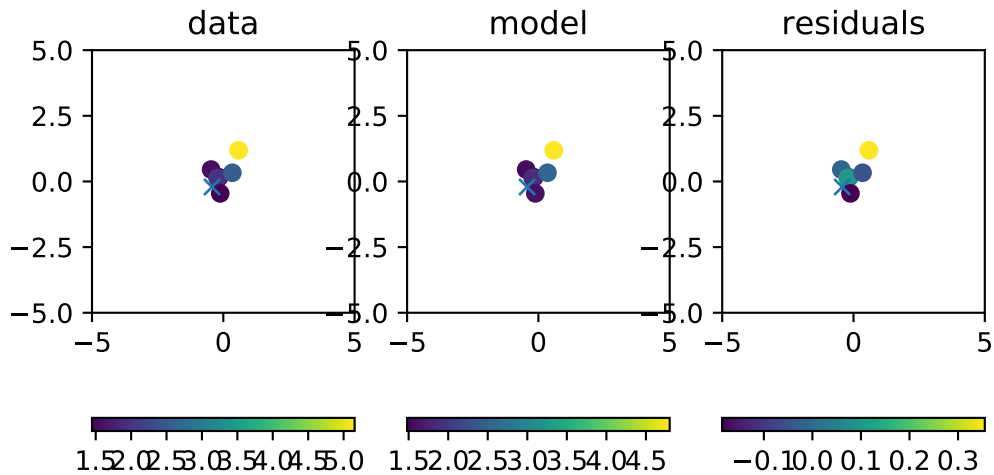
Fiber 2271, dchi2frac= 1.0



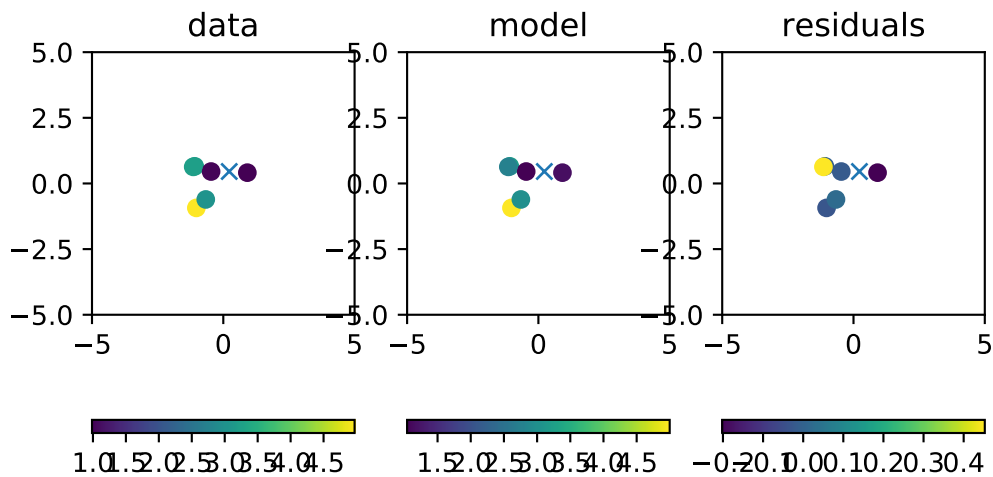
Fiber 740, dchi2frac= 1.0



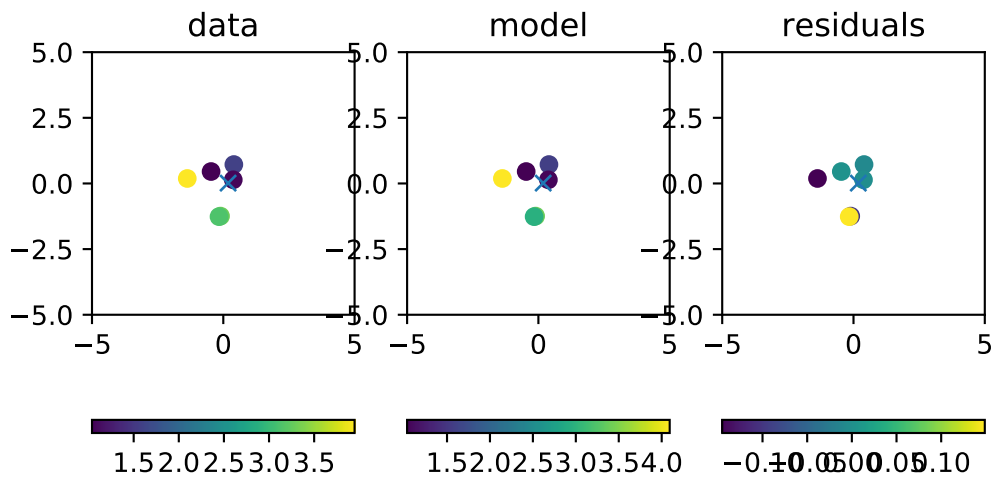
Fiber 228, dchi2frac= 1.0



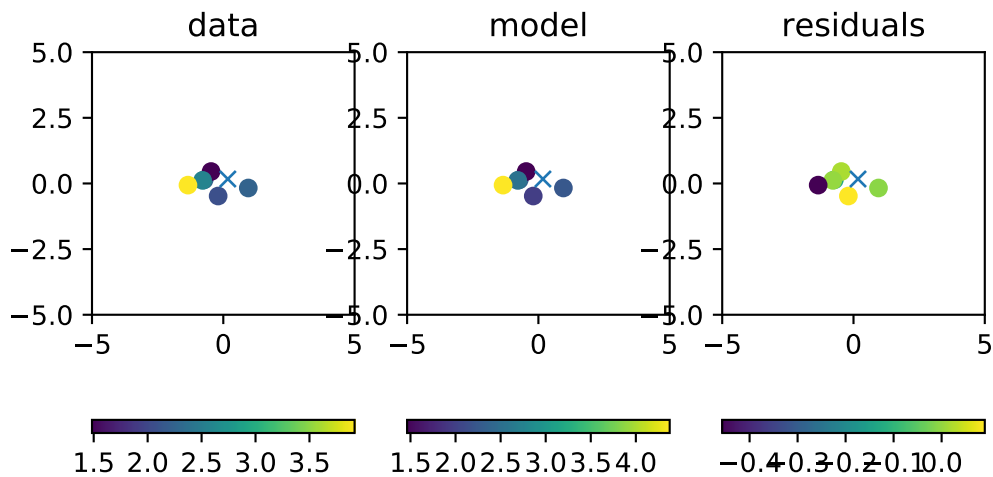
Fiber 2931, dchi2frac= 1.0



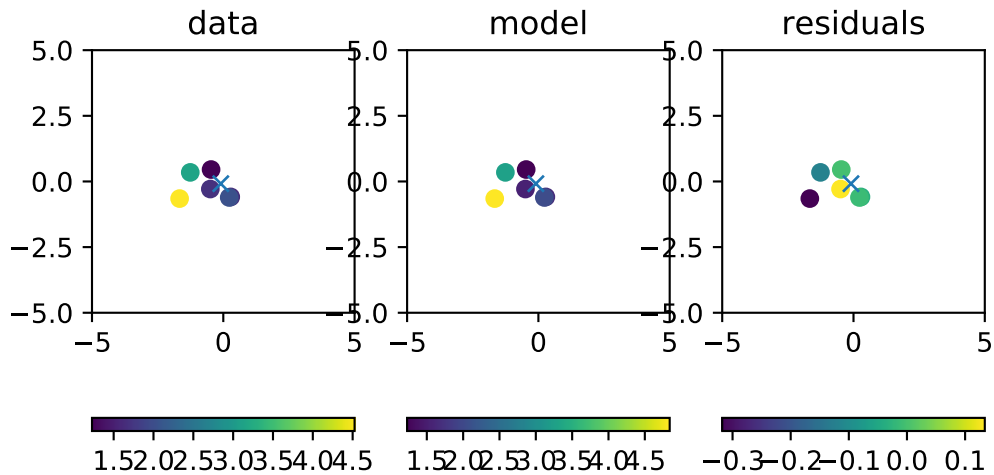
Fiber 2767, dchi2frac= 1.0



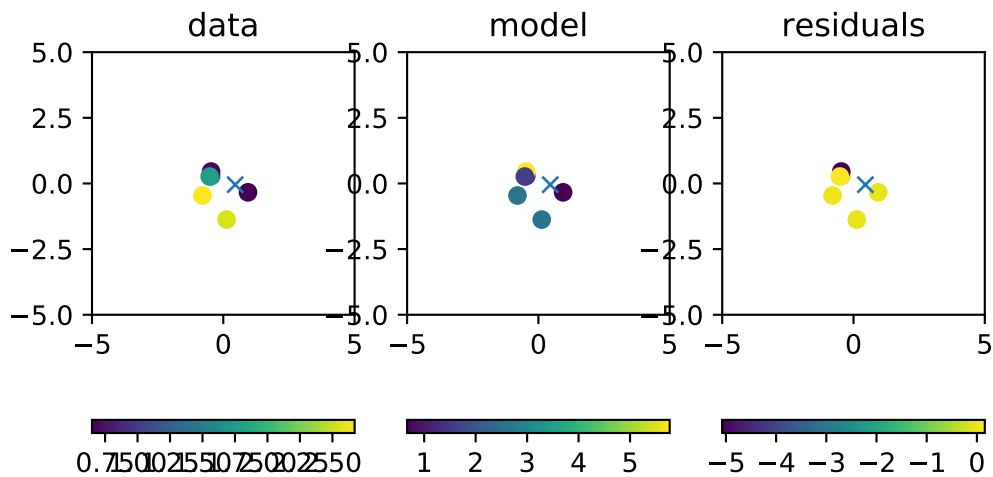
Fiber 2824, dchi2frac= 1.0



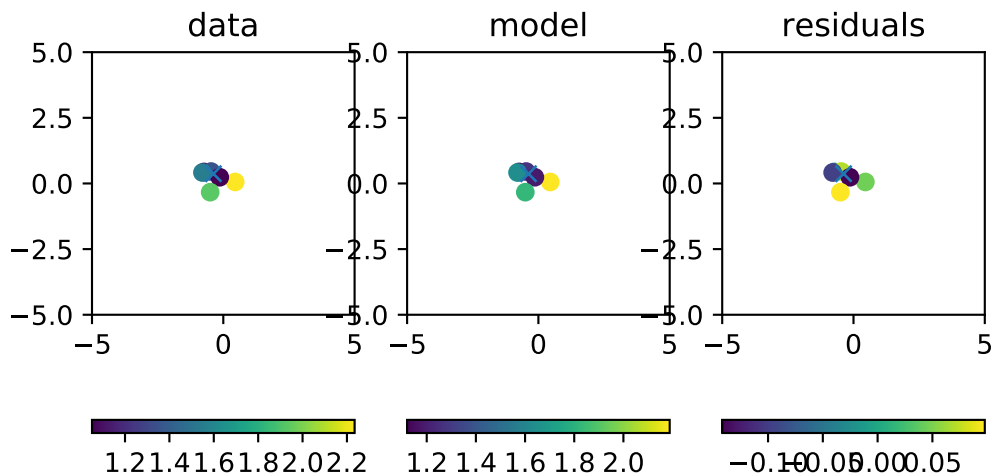
Fiber 440, dchi2frac= 1.0



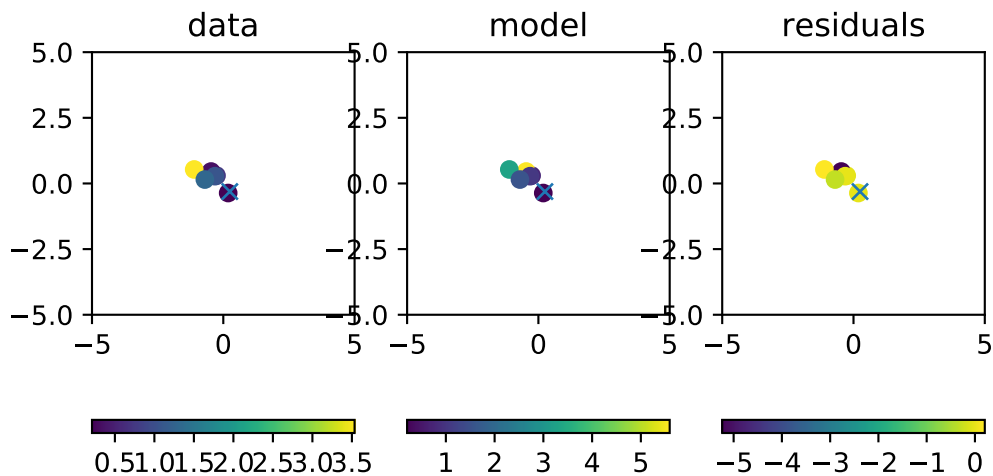
Fiber 2393, dchi2frac= 1.0



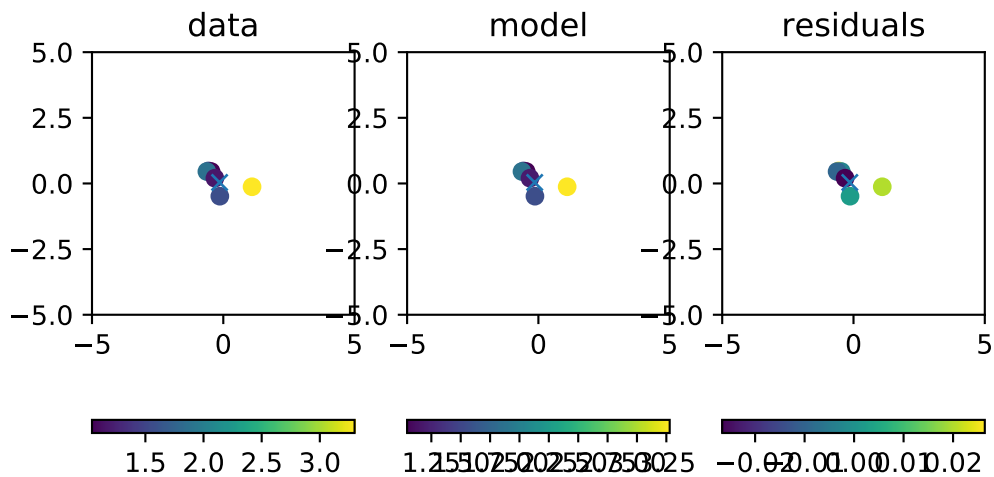
Fiber 1861, dchi2frac= 1.0



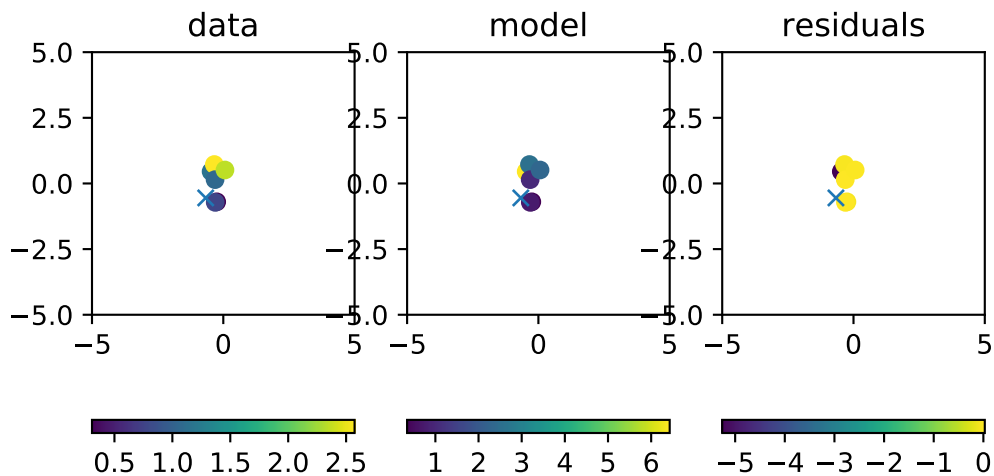
Fiber 2734, dchi2frac= 1.0



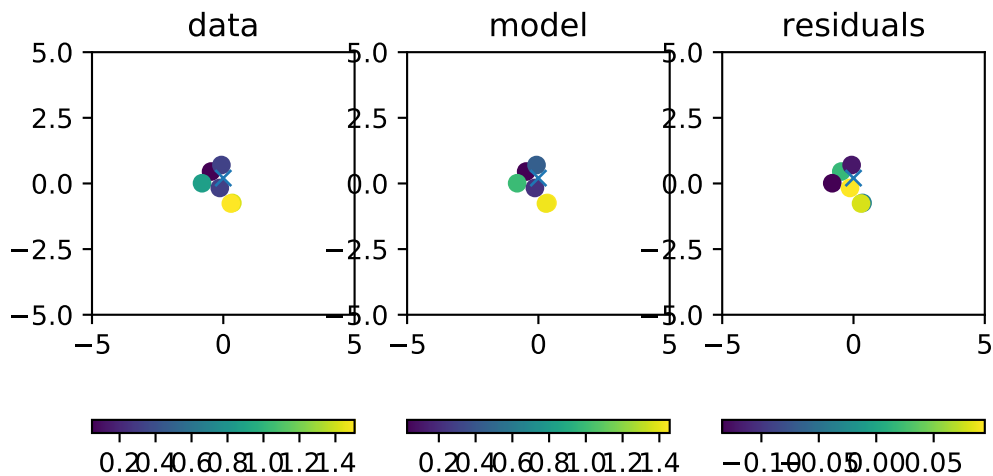
Fiber 762, dchi2frac= 1.0



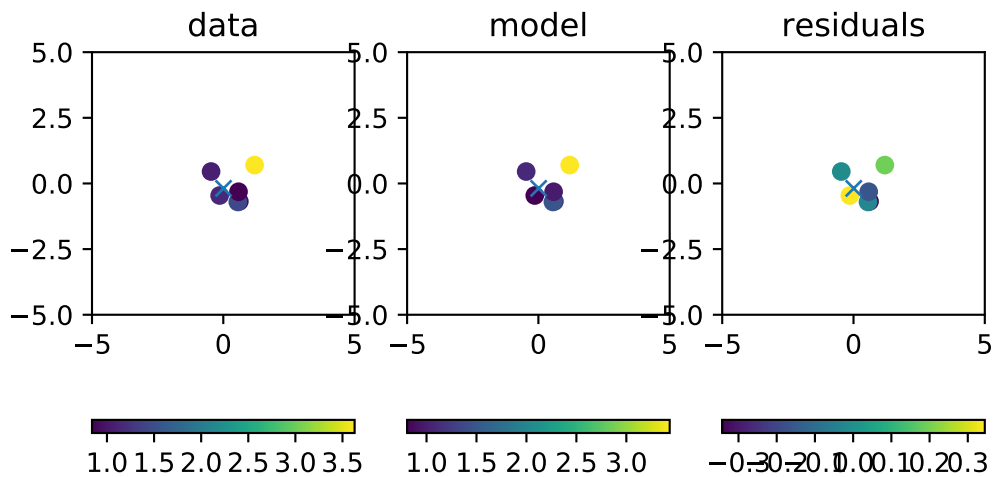
Fiber 884, dchi2frac= 1.0



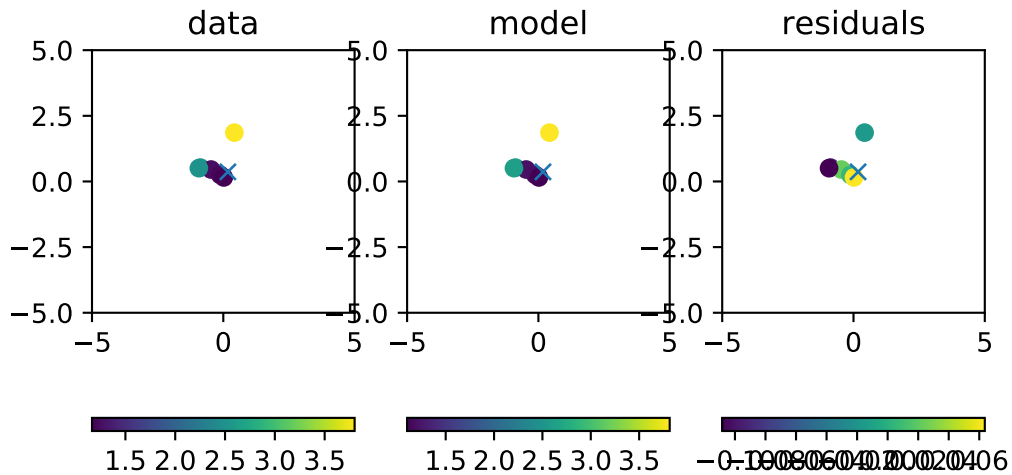
Fiber 4686, dchi2frac= 1.0



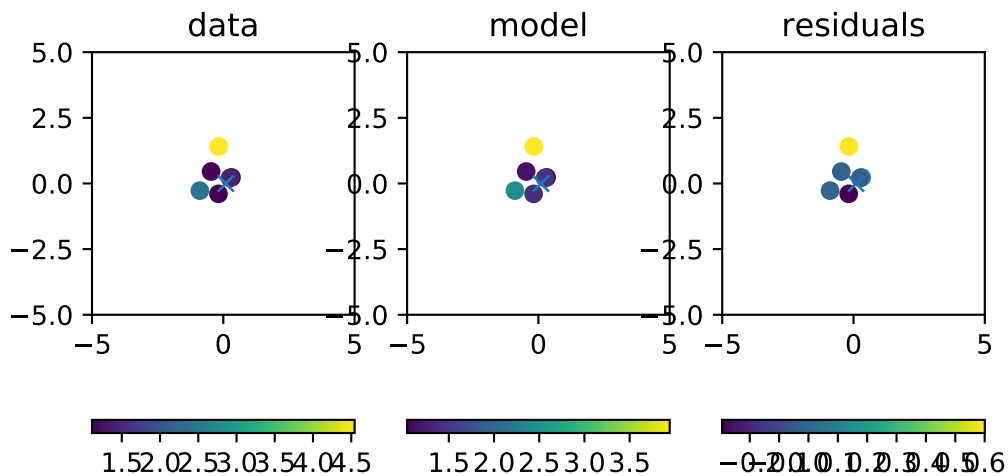
Fiber 2701, dchi2frac= 1.0



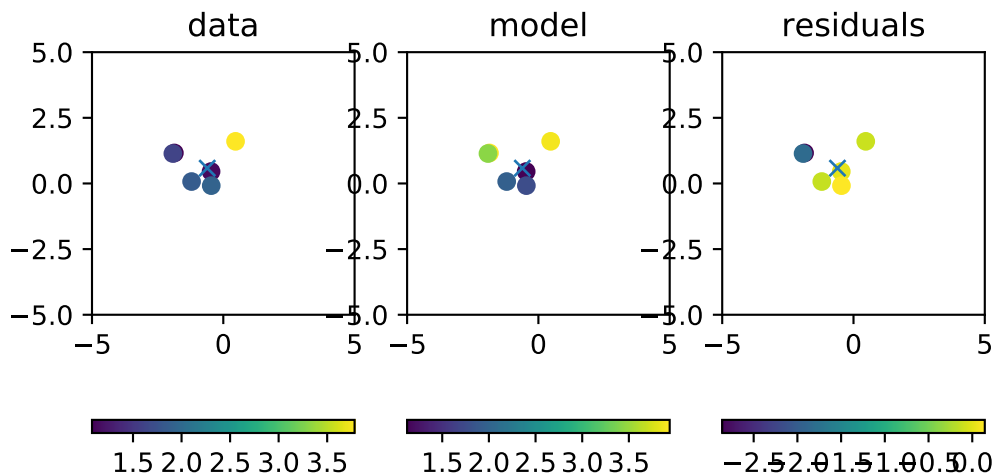
Fiber 727, dchi2frac= 1.0



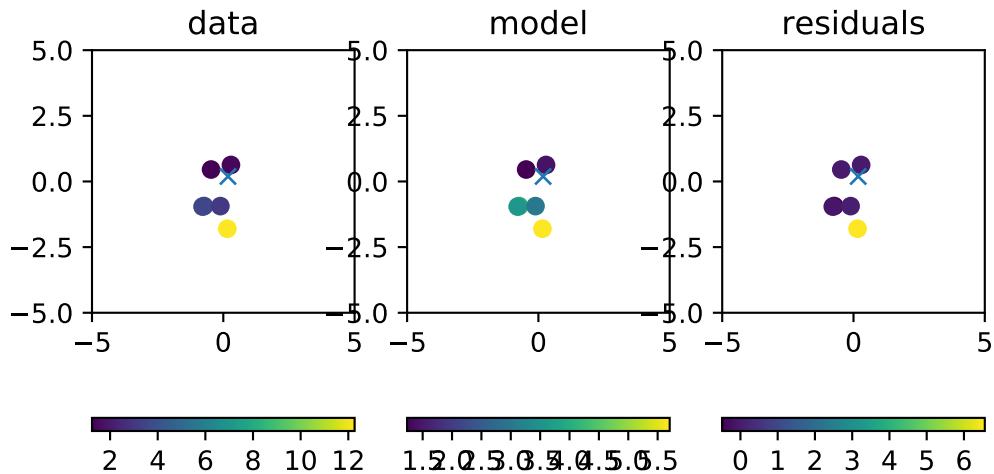
Fiber 2877, dchi2frac= 1.0



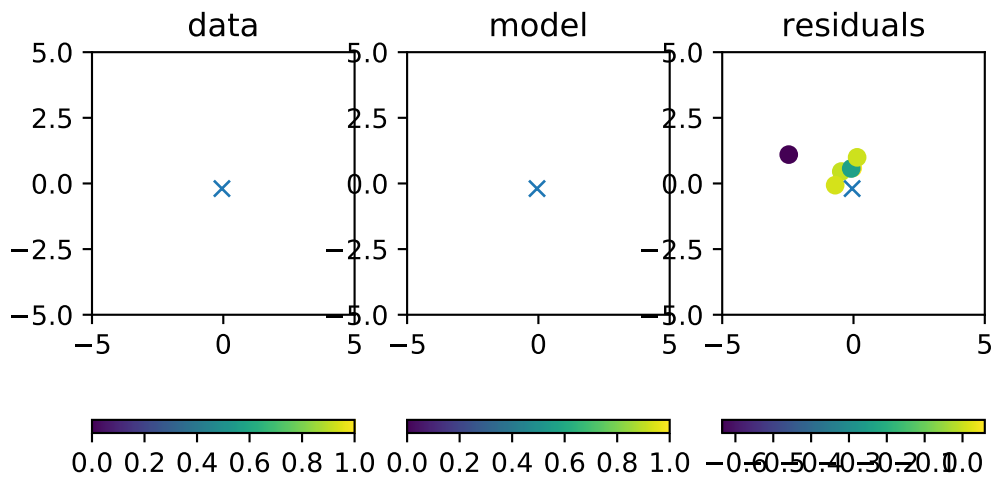
Fiber 2926, dchi2frac= 1.0



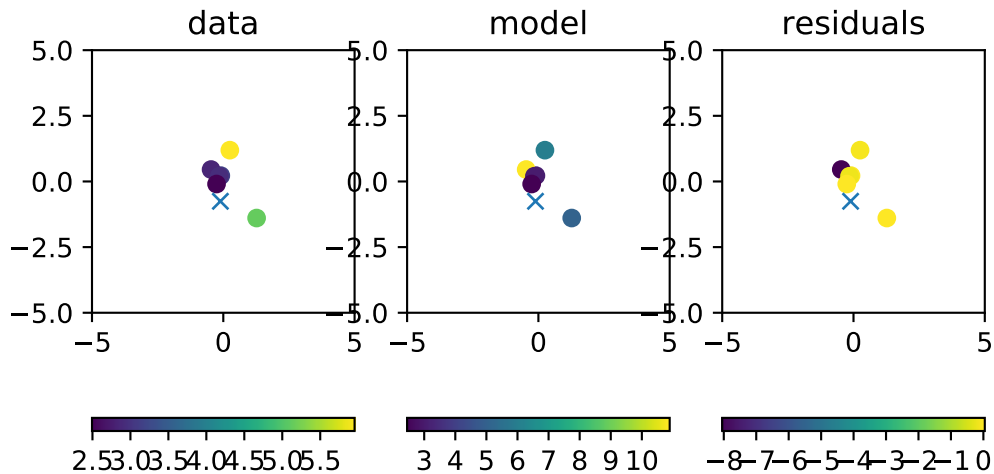
Fiber 269, dchi2frac= 1.0



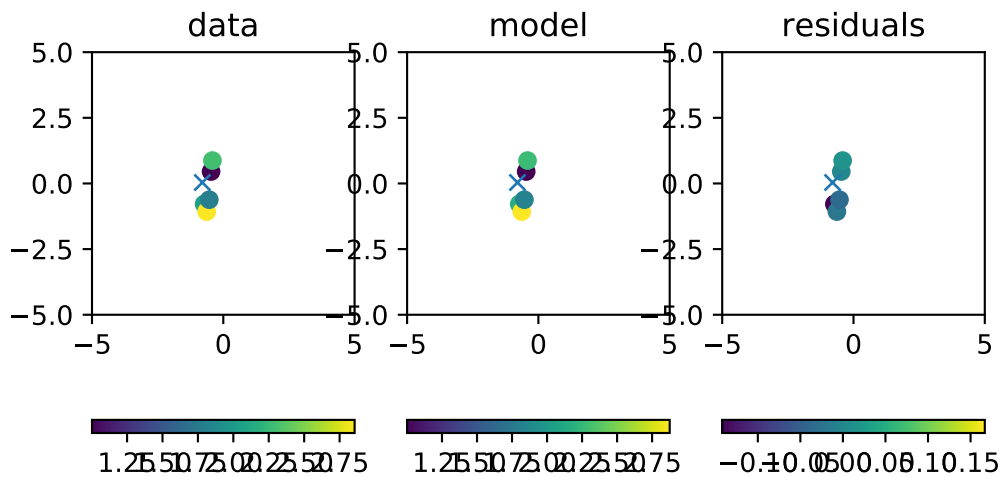
Fiber 2501, dchi2frac= 1.0



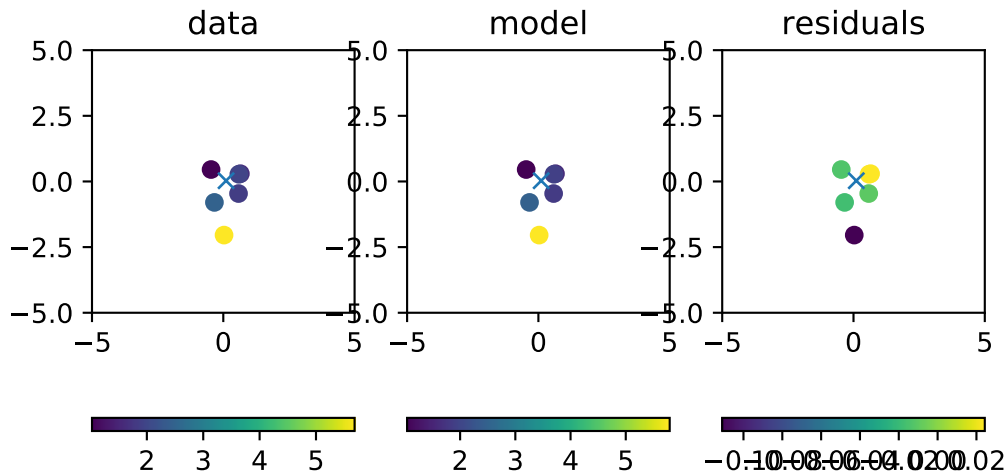
Fiber 510, dchi2frac= 1.0



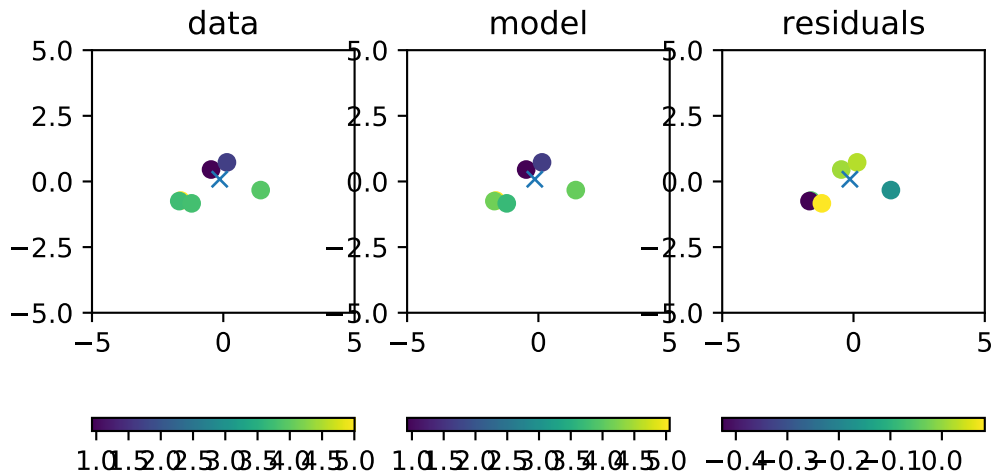
Fiber 3565, dchi2frac= 1.0



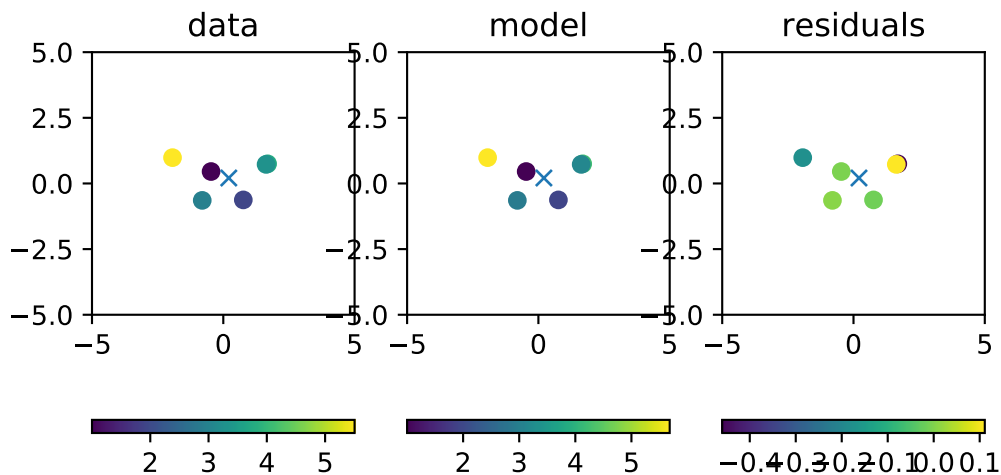
Fiber 759, dchi2frac= 1.0



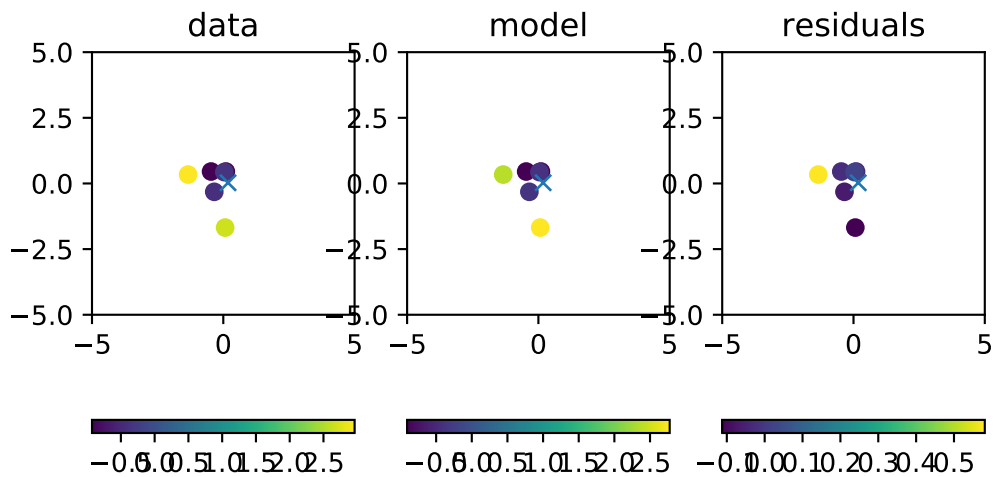
Fiber 70, dchi2frac= 1.0



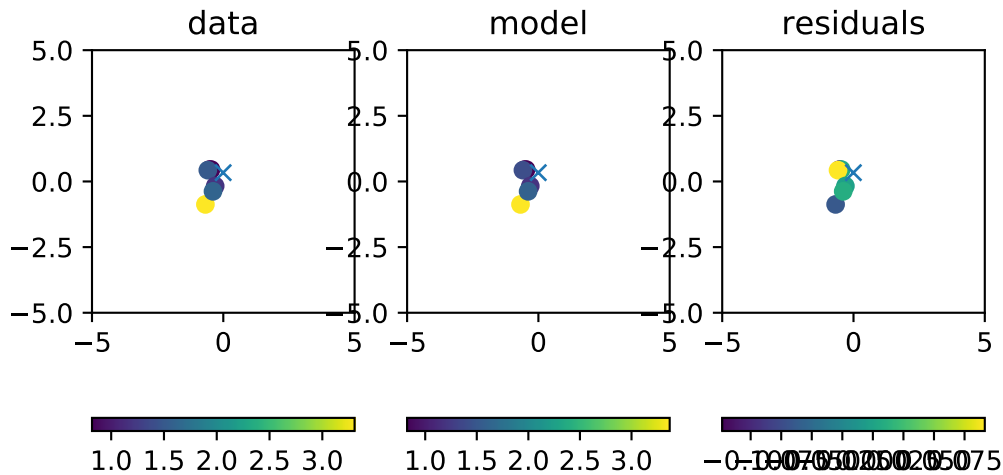
Fiber 1278, dchi2frac= 1.0



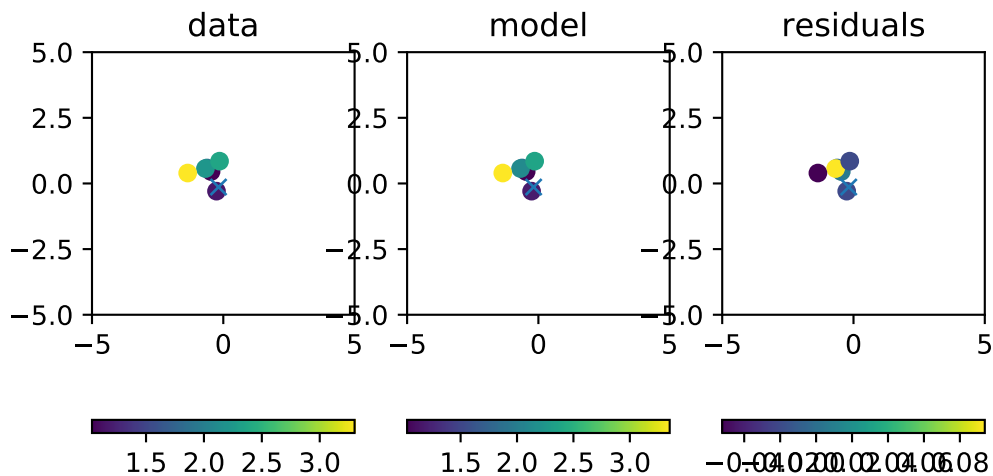
Fiber 2367, dchi2frac= 1.0



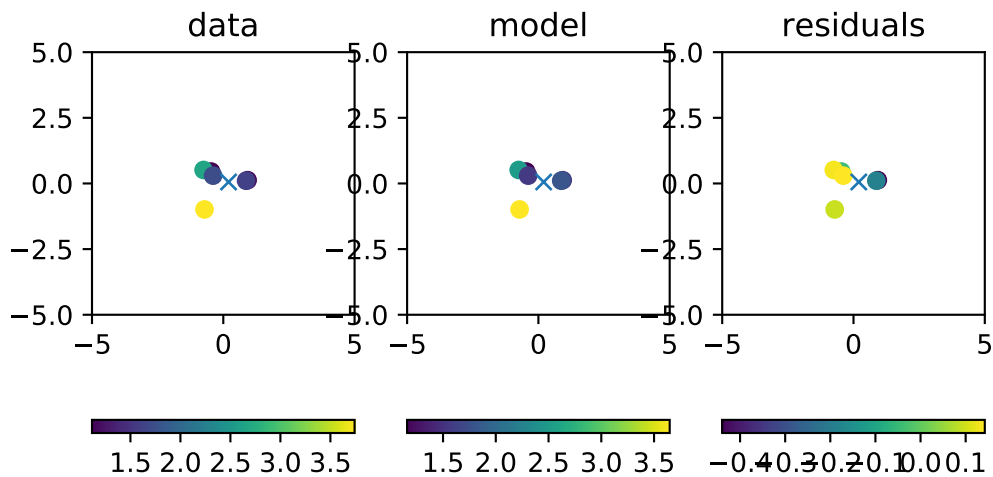
Fiber 393, dchi2frac= 1.0



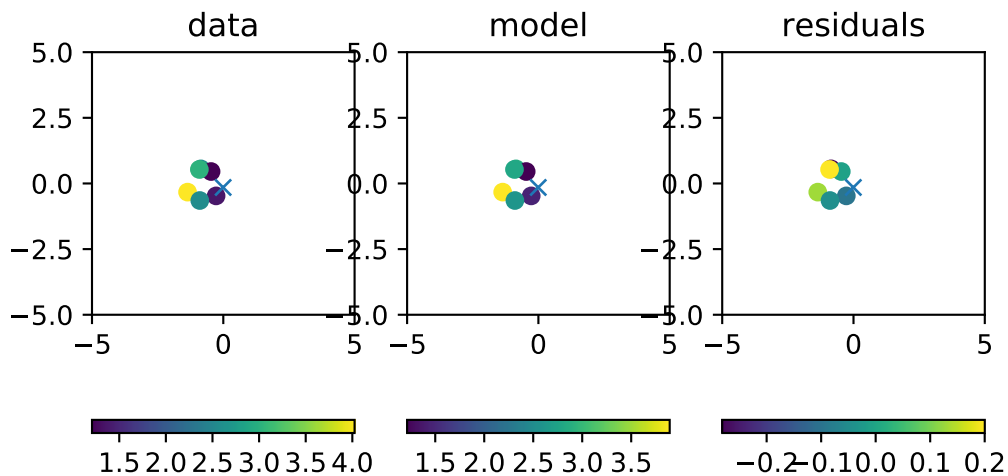
Fiber 4819, dchi2frac= 1.0



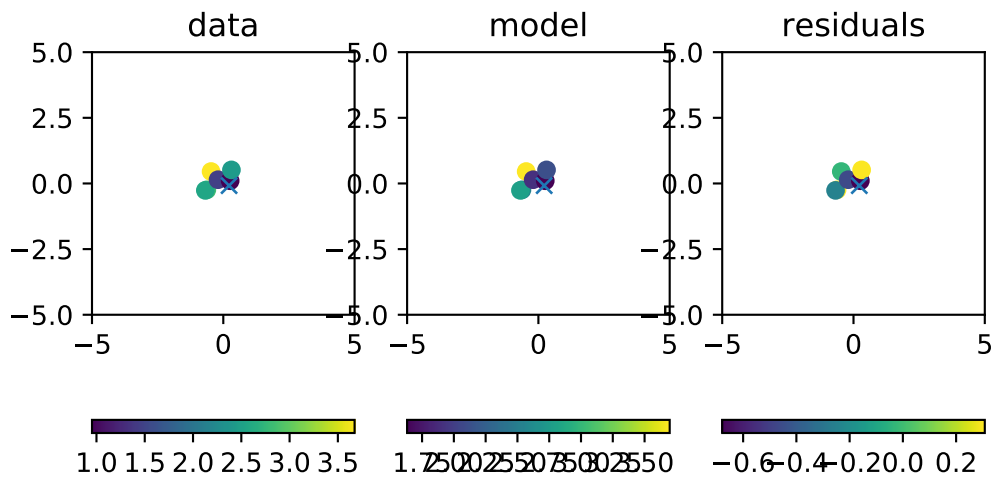
Fiber 2468, dchi2frac= 1.0



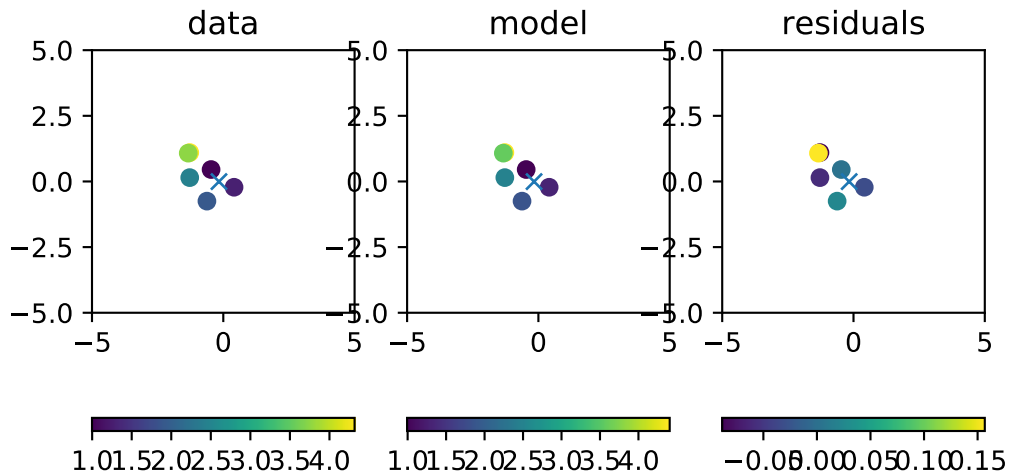
Fiber 4471, dchi2frac= 1.0



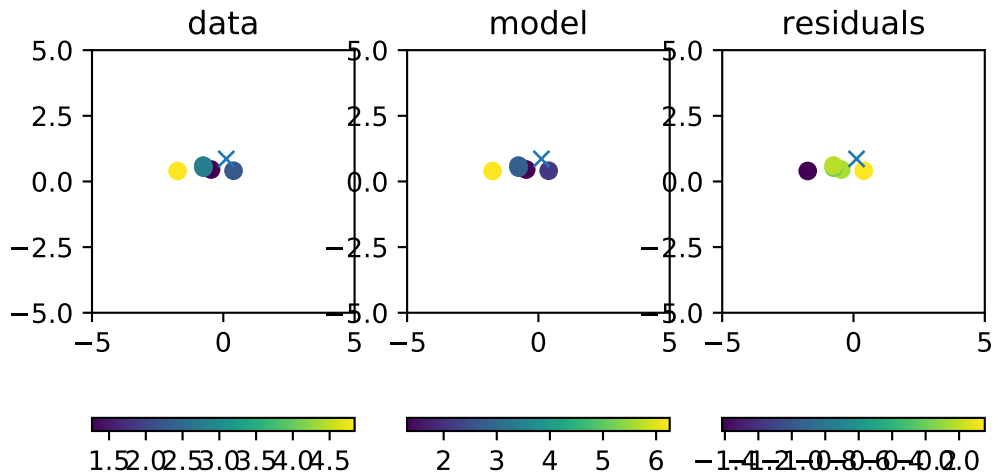
Fiber 2861, dchi2frac= 1.0



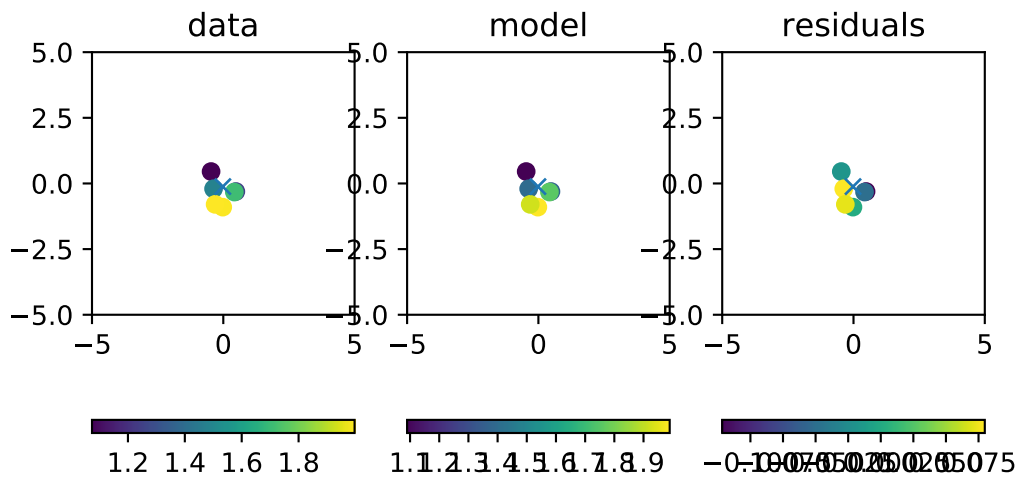
Fiber 452, dchi2frac= 1.0



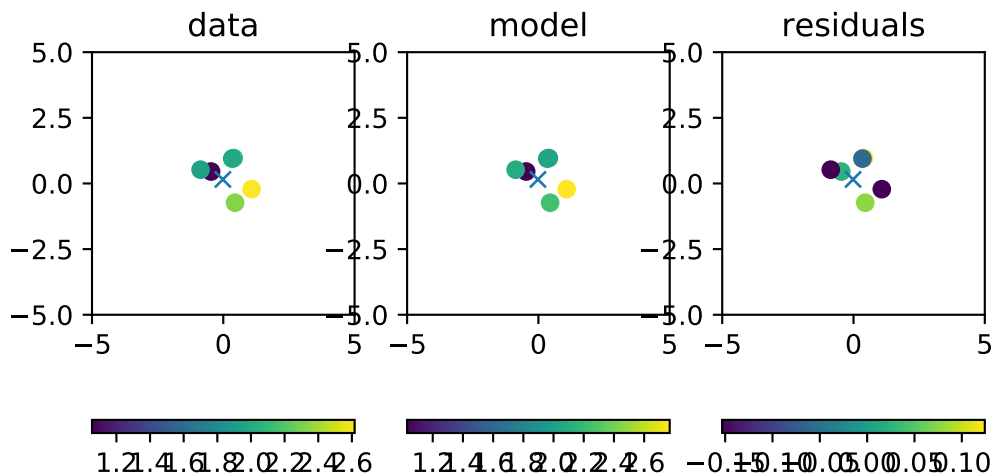
Fiber 690, dchi2frac= 1.0



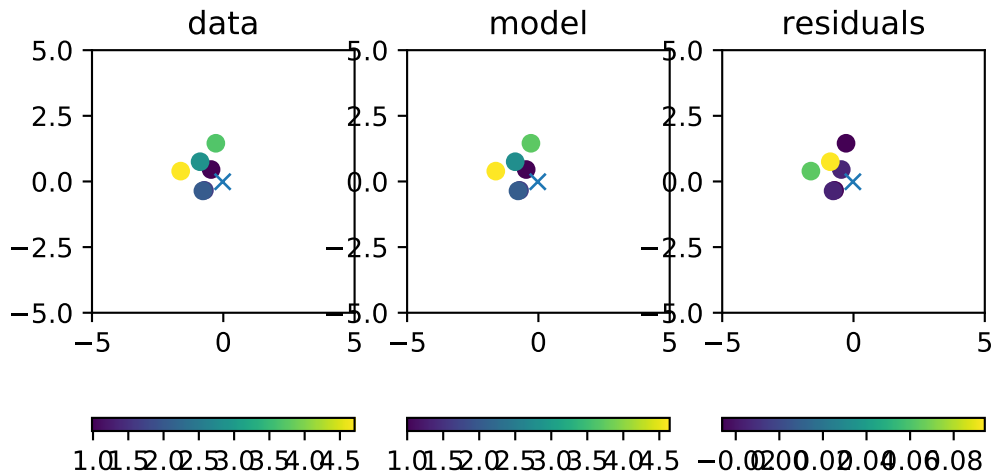
Fiber 4146, dchi2frac= 1.0



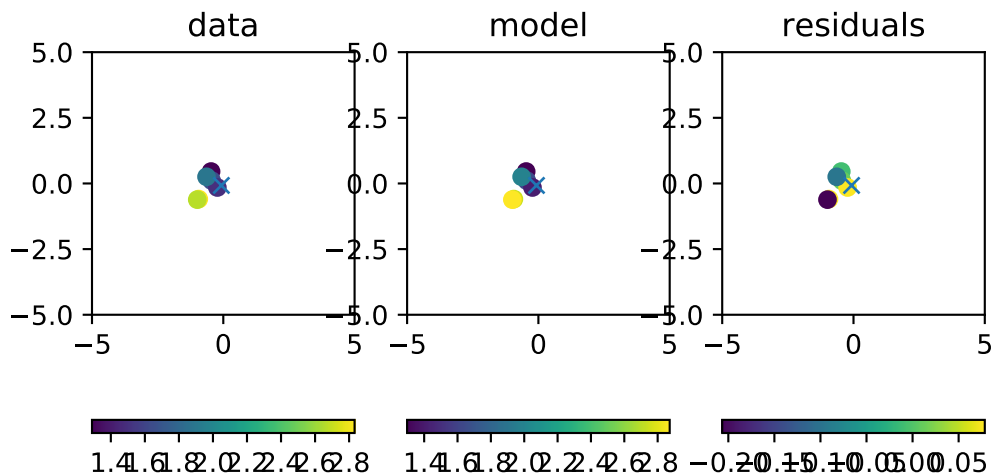
Fiber 4342, dchi2frac= 1.0



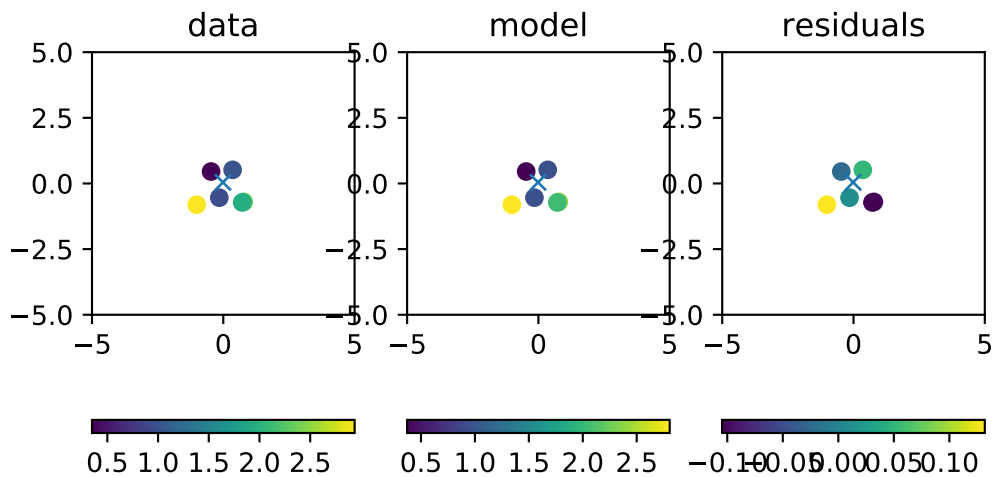
Fiber 3584, dchi2frac= 1.0



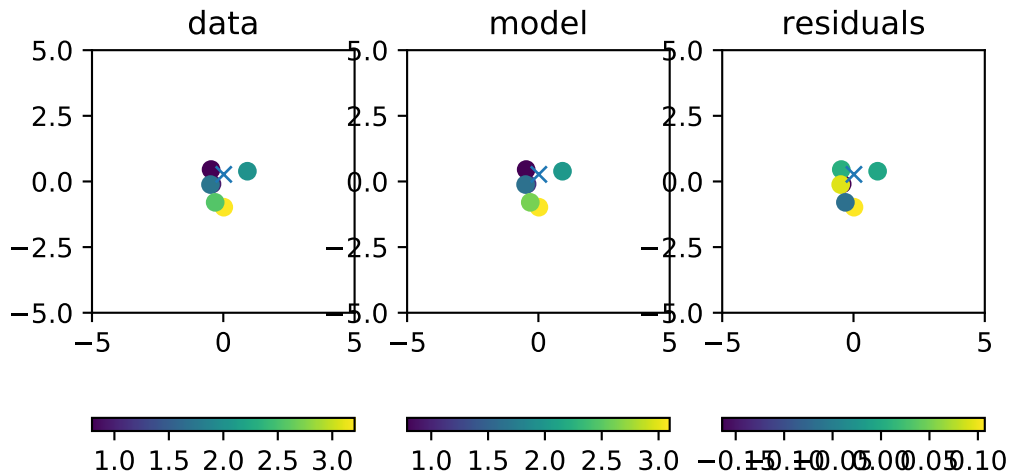
Fiber 2813, dchi2frac= 1.0



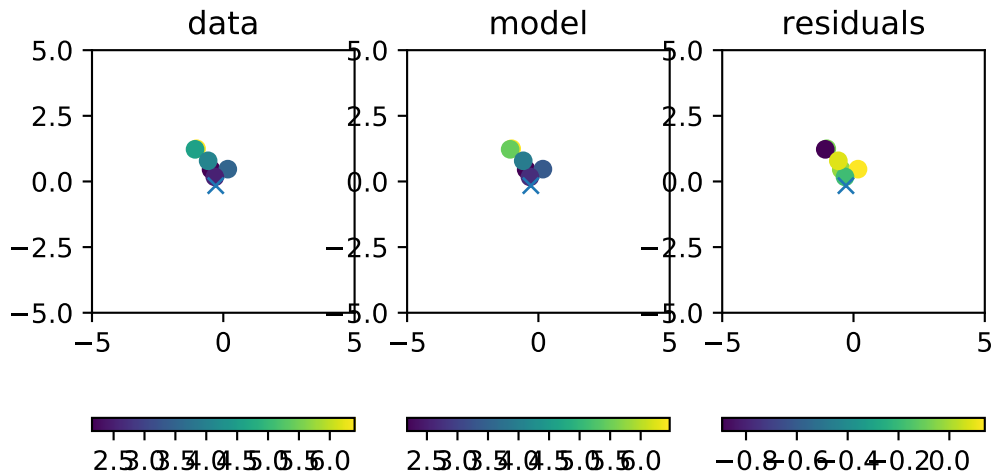
Fiber 3050, dchi2frac= 1.0



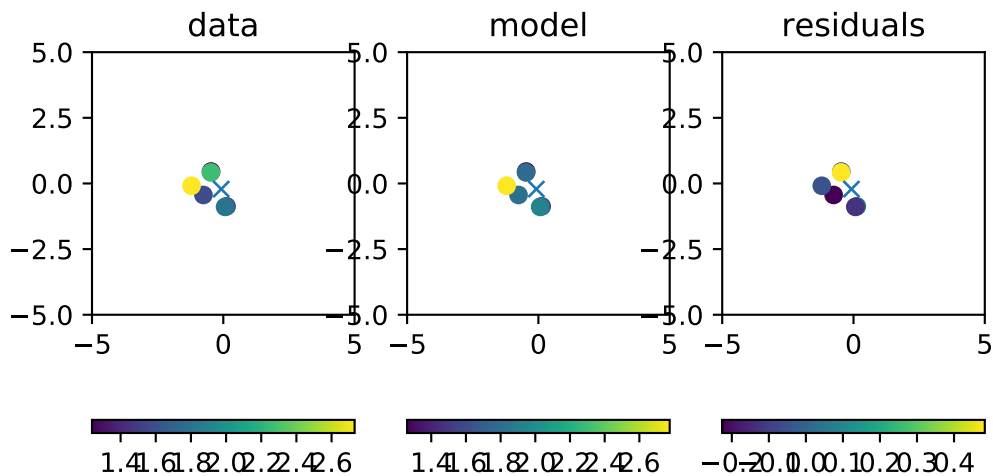
Fiber 3014, dchi2frac= 1.0



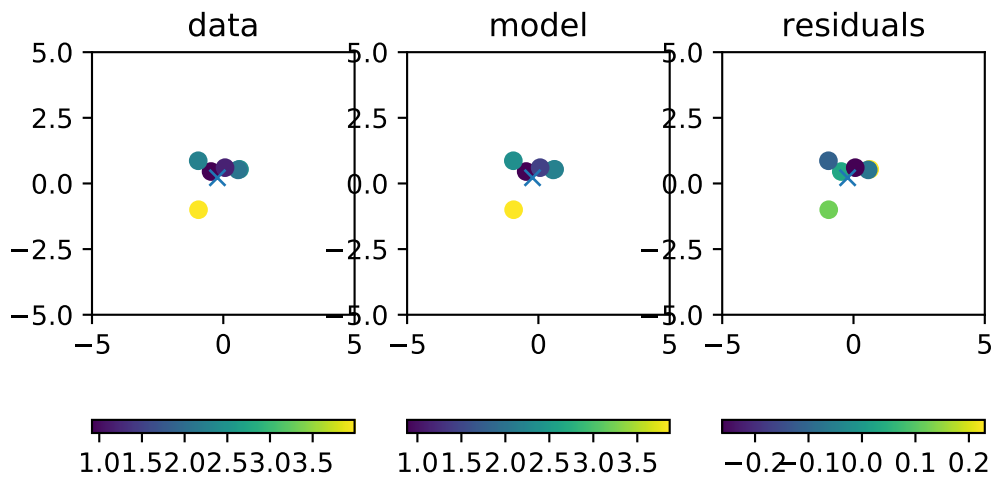
Fiber 684, dchi2frac= 1.0



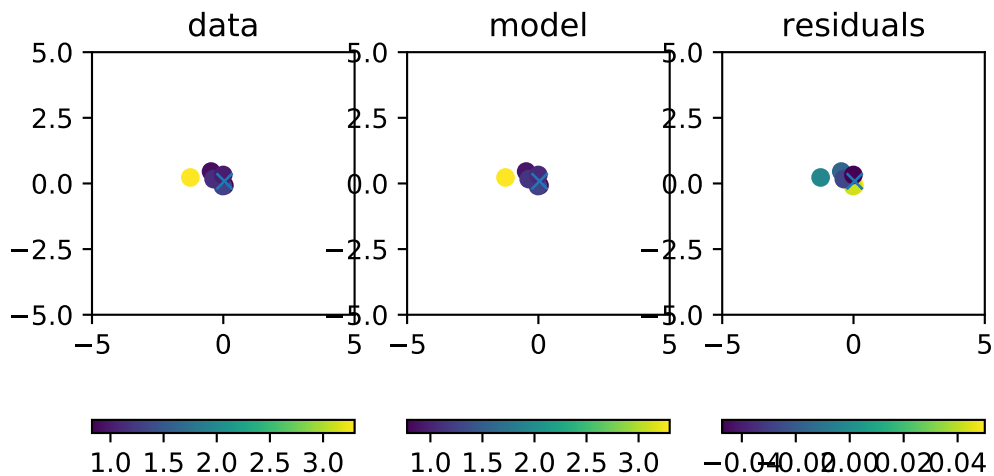
Fiber 4522, dchi2frac= 1.0



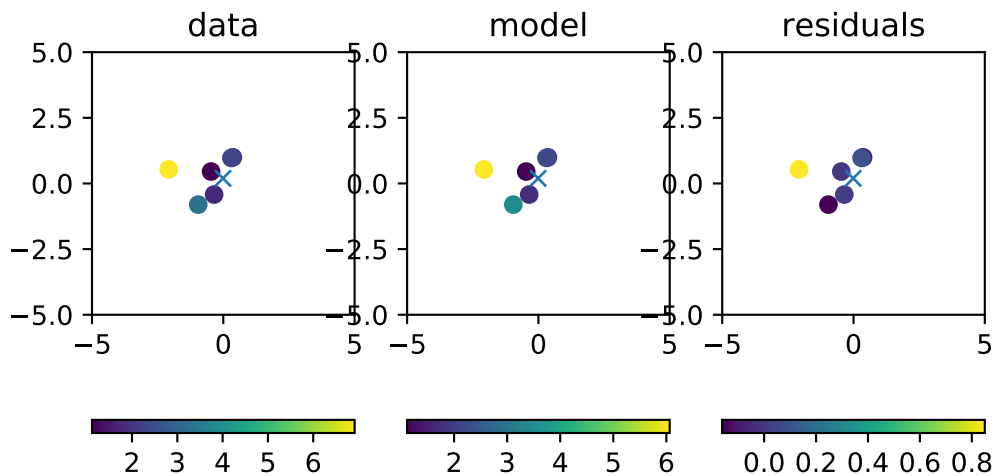
Fiber 3880, dchi2frac= 1.0



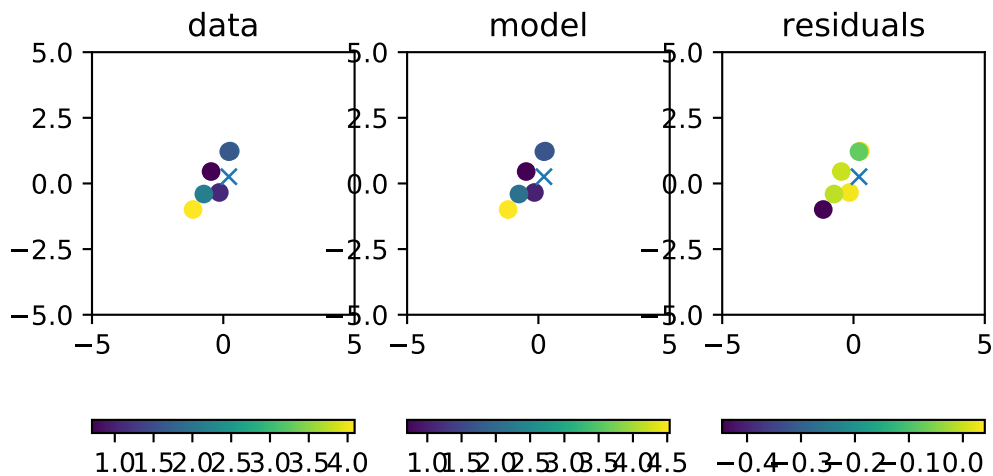
Fiber 1839, dchi2frac= 1.0



Fiber 263, dchi2frac= 1.0



Fiber 1292, dchi2frac= 1.0



Fiber 3015, dchi2frac= 1.0

