

Mean of the pull, NOT UNFOLDED							
q^2	S_3	S_4	S_5	S_{6s}	S_{6c}	S_7	S_8
0	$-0.01547 \pm 0.02683(-0.5764)$	$0.05728 \pm 0.02675(2.141)$	$-0.01819 \pm 0.02786(-0.6531)$	$0.04635 \pm 0.0275(1.686)$	$0.02134 \pm 0.02688(0.7939)$	$-0.008222 \pm 0.02751(-0.2989)$	$0.009761 \pm 0.02638(0.3701)$
1	$0.03117 \pm 0.0286(1.09)$	$0.02584 \pm 0.02746(0.9412)$	$-0.0159 \pm 0.0289(-0.5503)$	$0.01273 \pm 0.02779(0.4582)$	$-0.09099 \pm 0.02814(-3.233)$	$-0.05263 \pm 0.027(-1.949)$	$0.007761 \pm 0.02767(0.2804)$
2	$-0.05243 \pm 0.02696(-1.945)$	$-0.00313 \pm 0.02723(-0.115)$	$-0.04058 \pm 0.02852(-1.423)$	$-0.03876 \pm 0.02709(-1.431)$	$-0.01159 \pm 0.02685(-0.4318)$	$-0.04788 \pm 0.0265(-1.807)$	$0.02267 \pm 0.02924(0.7755)$
3	$-0.03468 \pm 0.02706(-1.282)$	$0.01334 \pm 0.02737(0.4875)$	$0.004709 \pm 0.02779(0.1694)$	$-0.04177 \pm 0.02767(-1.51)$	$0.04377 \pm 0.02754(1.589)$	$0.01894 \pm 0.02819(0.672)$	$-0.02957 \pm 0.02864(-1.032)$
4	$0.04853 \pm 0.02738(1.773)$	$-0.02135 \pm 0.02781(-0.7679)$	$0.002497 \pm 0.02927(0.08531)$	$0.02477 \pm 0.02685(0.9226)$	$0.04521 \pm 0.02774(1.63)$	$-0.035 \pm 0.02698(-1.297)$	$0.05661 \pm 0.02641(2.144)$
5	$0.01438 \pm 0.02869(0.501)$	$-0.01773 \pm 0.02695(-0.6579)$	$0.01264 \pm 0.0282(0.4482)$	$-0.008966 \pm 0.02774(-0.3232)$	$0.02885 \pm 0.02706(1.066)$	$-0.02092 \pm 0.02767(-0.7562)$	$0.04311 \pm 0.02774(1.554)$
6	$0.01205 \pm 0.0294(0.4097)$	$-0.00208 \pm 0.02887(-0.07203)$	$-0.01034 \pm 0.02754(-0.3754)$	$0.009778 \pm 0.02825(0.3461)$	$0.001352 \pm 0.0281(0.04812)$	$-0.0005375 \pm 0.02855(-0.01883)$	$-0.03114 \pm 0.02645(-1.177)$
7	$0.1531 \pm 0.02724(5.62)$	$-0.2425 \pm 0.02758(-8.794)$	$-0.3183 \pm 0.02665(-11.94)$	$1.557 \pm 0.02687(57.96)$	$0.3741 \pm 0.02772(13.49)$	$-0.1459 \pm 0.02693(-5.417)$	$0.01577 \pm 0.02844(0.5544)$
8	$0.01723 \pm 0.02654(0.6492)$	$-0.03912 \pm 0.02804(-1.395)$	$-0.01016 \pm 0.02721(-0.3735)$	$0.02337 \pm 0.02839(0.8231)$	$0.0106 \pm 0.02869(0.3694)$	$-0.0147 \pm 0.02721(-0.5404)$	$-0.02155 \pm 0.02776(-0.7765)$
9	$0.04221 \pm 0.02806(1.504)$	$0.0005938 \pm 0.02588(0.02294)$	$0.02397 \pm 0.02582(0.9284)$	$0.03378 \pm 0.02692(1.255)$	$-0.02141 \pm 0.02702(-0.7927)$	$-0.08231 \pm 0.02676(-3.076)$	$-0.0155 \pm 0.0273(-0.5678)$
10	$0.01288 \pm 0.02609(0.4937)$	$-0.03759 \pm 0.02711(-1.387)$	$-0.0268 \pm 0.02741(-0.9776)$	$-0.03974 \pm 0.02799(-1.42)$	$-0.02825 \pm 0.02865(-0.9864)$	$0.03707 \pm 0.0276(1.343)$	$-0.02396 \pm 0.02839(-0.8441)$
11	$0.09167 \pm 0.02732(3.356)$	$0.00681 \pm 0.02821(0.2414)$	$-0.07627 \pm 0.02693(-2.832)$	$-0.02851 \pm 0.02765(-1.031)$	$-0.02534 \pm 0.02789(-0.9085)$	$-0.01774 \pm 0.02742(-0.6472)$	$-0.02978 \pm 0.02734(-1.089)$

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q^2	S_3	S_4	S_5	S_{6s}	S_{6c}	S_7	S_8
0	$0.9574 \pm 0.02006(2.124)$	$0.9471 \pm 0.0199(2.659)$	$0.9661 \pm 0.02244(1.51)$	$0.9741 \pm 0.02132(1.215)$	$0.9501 \pm 0.02318(2.153)$	$0.9784 \pm 0.02321(0.9325)$	$0.9371 \pm 0.02148(2.93)$
1	$1.009 \pm 0.02474(-0.3714)$	$0.9685 \pm 0.0218(1.443)$	$1.013 \pm 0.02353(-0.5686)$	$0.9682 \pm 0.02288(1.392)$	$0.99 \pm 0.02264(0.4439)$	$0.9657 \pm 0.02072(1.657)$	$0.9752 \pm 0.02236(1.109)$
2	$0.9416 \pm 0.02161(2.702)$	$0.9645 \pm 0.0214(1.66)$	$0.9995 \pm 0.02341(0.02104)$	$0.9533 \pm 0.02153(2.168)$	$0.9554 \pm 0.0226(1.974)$	$0.9476 \pm 0.02061(2.545)$	$1.021 \pm 0.02517(-0.837)$
3	$0.955 \pm 0.02174(2.072)$	$0.9646 \pm 0.02214(1.6)$	$0.9826 \pm 0.02101(0.827)$	$0.9886 \pm 0.02091(0.5451)$	$0.9737 \pm 0.02261(1.162)$	$0.9829 \pm 0.0233(0.7353)$	$1.001 \pm 0.02224(-0.02424)$
4	$0.9591 \pm 0.02278(1.795)$	$0.9758 \pm 0.02248(1.079)$	$1.018 \pm 0.02333(-0.7881)$	$0.944 \pm 0.02313(2.422)$	$0.9614 \pm 0.02388(1.616)$	$0.9533 \pm 0.02093(2.233)$	$0.9394 \pm 0.02111(2.872)$
5	$1.007 \pm 0.02294(-0.3047)$	$0.9538 \pm 0.02191(2.107)$	$0.9973 \pm 0.02118(0.1272)$	$0.9811 \pm 0.02106(0.8964)$	$0.9509 \pm 0.023(2.137)$	$0.9771 \pm 0.02075(1.102)$	$0.9856 \pm 0.0222(0.6495)$
6	$1.008 \pm 0.02483(-0.3291)$	$1.01 \pm 0.02302(-0.4144)$	$0.9732 \pm 0.02259(1.186)$	$0.9942 \pm 0.02197(0.264)$	$0.982 \pm 0.02303(0.7821)$	$0.9863 \pm 0.02358(0.5796)$	$0.9318 \pm 0.02017(3.381)$
7	$0.9529 \pm 0.02095(2.25)$	$0.9702 \pm 0.02222(1.343)$	$0.9484 \pm 0.02219(2.323)$	$0.9516 \pm 0.02349(2.063)$	$0.9694 \pm 0.02242(1.367)$	$0.9267 \pm 0.02241(3.27)$	$0.9882 \pm 0.02254(0.5254)$
8	$0.9374 \pm 0.02174(2.882)$	$0.995 \pm 0.0237(0.2113)$	$0.9612 \pm 0.02061(1.884)$	$0.9997 \pm 0.02405(0.01442)$	$1 \pm 0.02267(-0.007776)$	$0.9607 \pm 0.0221(1.777)$	$0.953 \pm 0.02298(2.044)$
9	$0.9764 \pm 0.02349(1.005)$	$0.9129 \pm 0.02062(4.225)$	$0.9118 \pm 0.02022(4.362)$	$0.947 \pm 0.02183(2.43)$	$0.9543 \pm 0.02203(2.075)$	$0.9469 \pm 0.02242(2.369)$	$0.9665 \pm 0.02188(1.533)$
10	$0.9194 \pm 0.02137(3.771)$	$0.946 \pm 0.02313(2.335)$	$0.9563 \pm 0.02121(2.06)$	$0.9796 \pm 0.02257(0.9028)$	$1.006 \pm 0.02316(-0.2384)$	$0.9682 \pm 0.02306(1.377)$	$0.9983 \pm 0.02517(0.0669)$
11	$0.9687 \pm 0.02092(1.497)$	$0.9751 \pm 0.02202(1.132)$	$0.9465 \pm 0.02039(2.623)$	$0.9587 \pm 0.02355(1.755)$	$0.9759 \pm 0.02285(1.056)$	$0.9633 \pm 0.02218(1.657)$	$0.9614 \pm 0.02116(1.824)$

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q^2	S_3	S_4	S_5	S_{6s}	S_{6c}	S_7	S_8
0	-0.02212 ± 0.02752(-0.804)	0.07061 ± 0.0264(2.675)	-0.05005 ± 0.02775(-1.804)	0.05864 ± 0.0288(2.036)	0.02163 ± 0.02679(0.8072)	-0.05933 ± 0.02745(-2.161)	0.03075 ± 0.02604(1.181)
1	-0.007502 ± 0.02695(-0.2784)	0.01453 ± 0.0261(0.5566)	-0.07158 ± 0.02707(-2.644)	-0.148 ± 0.02911(-5.085)	-0.06637 ± 0.02821(-2.353)	-0.04562 ± 0.02746(-1.661)	0.005087 ± 0.02685(0.1895)
2	-0.01999 ± 0.02691(-0.7428)	-0.01021 ± 0.02756(-0.3704)	0.03994 ± 0.02724(1.466)	-0.1516 ± 0.02754(-5.504)	-0.0585 ± 0.02742(-2.134)	0.008593 ± 0.02793(0.3077)	-0.02376 ± 0.02638(-0.9007)
3	-0.02882 ± 0.02678(-1.076)	-0.06511 ± 0.02678(-2.431)	0.1168 ± 0.02584(4.52)	-0.05933 ± 0.02771(-2.141)	0.01795 ± 0.02708(0.6627)	0.02069 ± 0.02684(0.7707)	-0.04014 ± 0.02765(-1.452)
4	-0.03329 ± 0.02661(-1.251)	-0.06453 ± 0.02655(-2.43)	0.1316 ± 0.02706(4.863)	0.05035 ± 0.0271(1.858)	-0.0346 ± 0.0265(-1.306)	-0.02263 ± 0.02722(-0.8315)	0.05348 ± 0.02686(1.991)
5	0.0332 ± 0.0261(1.272)	-0.09471 ± 0.02626(-3.607)	0.1588 ± 0.02715(5.849)	0.04319 ± 0.02827(1.528)	-0.001427 ± 0.02762(-0.05165)	-0.006894 ± 0.02686(-0.2567)	0.04496 ± 0.02689(1.672)
6	-0.008204 ± 0.02761(-0.2972)	-0.1004 ± 0.0278(-3.612)	0.1581 ± 0.0271(5.833)	0.1579 ± 0.02616(6.036)	0.04508 ± 0.02627(1.716)	0.005604 ± 0.02671(0.2098)	0.009048 ± 0.02739(0.3303)
7	0.1602 ± 0.02754(5.816)	-0.3039 ± 0.02713(-11.2)	-0.0838 ± 0.02638(-3.177)	1.786 ± 0.0268(66.64)	0.3688 ± 0.02832(13.02)	-0.1067 ± 0.02787(-3.827)	-0.01837 ± 0.02726(-0.6736)
8	0.05802 ± 0.02666(2.176)	-0.1166 ± 0.02735(-4.265)	0.04945 ± 0.02602(1.9)	0.1507 ± 0.02734(5.512)	-0.04507 ± 0.02598(-1.735)	0.0184 ± 0.02696(0.6824)	-0.01881 ± 0.02687(-0.7001)
9	0.04279 ± 0.02664(1.606)	-0.03666 ± 0.02765(-1.326)	0.09134 ± 0.02697(3.386)	0.1535 ± 0.0282(5.443)	-0.03495 ± 0.02647(-1.321)	-0.04022 ± 0.02576(-1.561)	-0.0492 ± 0.0282(-1.745)
10	0.005309 ± 0.0274(0.1937)	-0.04321 ± 0.02729(-1.583)	0.05128 ± 0.02768(1.853)	0.06789 ± 0.02702(2.513)	-0.008992 ± 0.02734(-0.3289)	0.01796 ± 0.02701(0.6647)	-0.02062 ± 0.02714(-0.7597)
11	0.08817 ± 0.02864(3.079)	-0.1002 ± 0.0294(-3.409)	0.03648 ± 0.02893(1.261)	0.08433 ± 0.02838(2.972)	-0.04885 ± 0.02874(-1.7)	0.01538 ± 0.02891(0.532)	-0.01949 ± 0.02839(-0.6865)

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q^2	S_3	S_4	S_5	S_{6s}	S_{6c}	S_7	S_8
0	0.9841pm0.02041(0.78)	0.9531pm0.019(2.466)	1.011pm0.02063(-0.5257)	1.035pm0.02387(-1.459)	0.9606pm0.0221(1.781)	0.9899pm0.0208(0.4865)	0.9487pm0.0191(2.684)
1	0.972pm0.02062(1.357)	0.9537pm0.018(2.571)	0.9641pm0.0204(1.759)	1.05pm0.02307(-2.187)	1.017pm0.02114(-0.8226)	0.9993pm0.02169(0.03415)	0.9726pm0.01907(1.435)
2	0.9676pm0.02127(1.523)	1pm0.02036(-0.005345)	0.9893pm0.01917(0.5573)	0.9994pm0.02134(0.02923)	1.001pm0.02182(-0.02825)	1.01pm0.02031(-0.4747)	0.9642pm0.01924(1.86)
3	0.9709pm0.01908(1.527)	0.9652pm0.02274(1.531)	0.9461pm0.01814(2.974)	1.003pm0.02103(-0.1526)	0.9891pm0.02209(0.4949)	0.976pm0.02126(1.131)	0.9978pm0.02068(0.1074)
4	0.964pm0.01844(1.954)	0.9617pm0.01913(2.003)	0.9803pm0.02132(0.9231)	0.9782pm0.01963(1.111)	0.9449pm0.01954(2.818)	0.9897pm0.02271(0.4554)	0.9812pm0.02125(0.8863)
5	0.9566pm0.01895(2.29)	0.9565pm0.01925(2.262)	0.9849pm0.02141(0.7063)	1.016pm0.02227(-0.7227)	1.001pm0.02064(-0.02774)	0.9783pm0.02084(1.04)	0.9729pm0.01911(1.416)
6	1.003pm0.0225(-0.1341)	0.9976pm0.02033(0.1182)	0.9803pm0.02063(0.9533)	0.9585pm0.0187(2.218)	0.9455pm0.01899(2.87)	0.9759pm0.02135(1.129)	0.9845pm0.02041(0.7604)
7	0.9853pm0.02071(0.7079)	0.9846pm0.02024(0.7612)	0.951pm0.01946(2.52)	0.9749pm0.01997(1.257)	1.025pm0.02236(-1.127)	1.012pm0.02109(-0.583)	0.9874pm0.01924(0.6563)
8	0.9532pm0.01994(2.348)	0.9947pm0.02054(0.2603)	0.9505pm0.01948(2.539)	0.981pm0.01948(0.9776)	0.9449pm0.01894(2.909)	0.9771pm0.02134(1.073)	0.9683pm0.01931(1.644)
9	0.9665pm0.01976(1.696)	0.9926pm0.02037(0.3625)	0.984pm0.01979(0.8087)	1.021pm0.02294(-0.9295)	0.9597pm0.01919(2.102)	0.9295pm0.01898(3.715)	1.003pm0.02201(-0.1511)
10	1pm0.01964(-0.002748)	0.989pm0.02177(0.5044)	0.9989pm0.0218(0.05062)	0.9796pm0.02022(1.008)	0.9938pm0.02003(0.3083)	0.983pm0.01977(0.8578)	0.987pm0.02032(0.6413)
11	1.037pm0.0225(-1.649)	1.066pm0.02179(-3.027)	1.051pm0.02028(-2.525)	1.027pm0.02078(-1.297)	1.043pm0.02202(-1.935)	1.041pm0.02091(-1.971)	1.016pm0.02049(-0.7718)