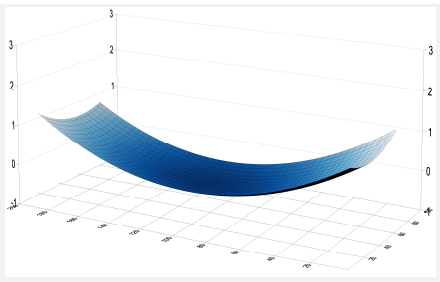
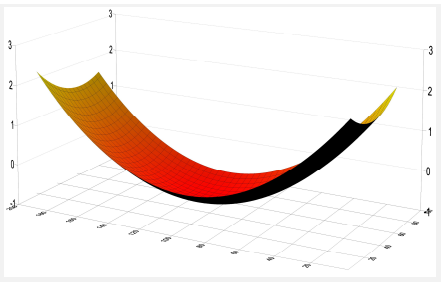
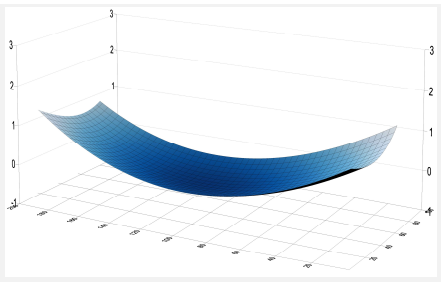
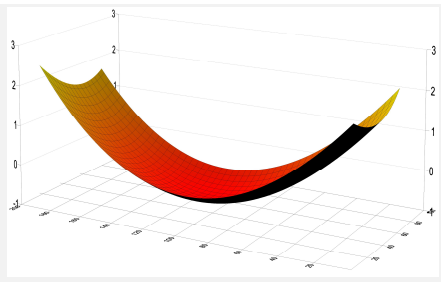
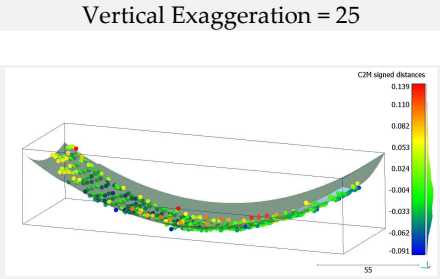
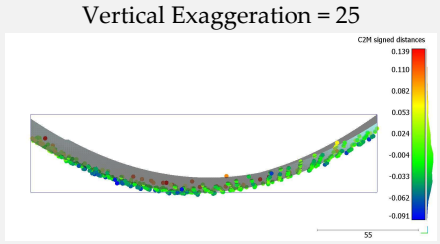
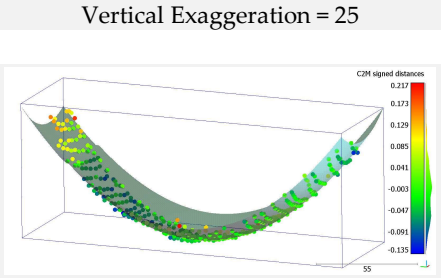
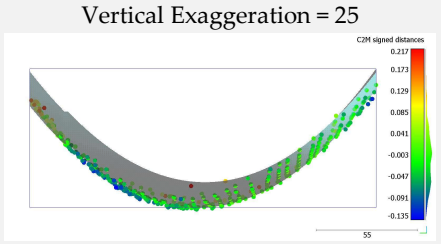
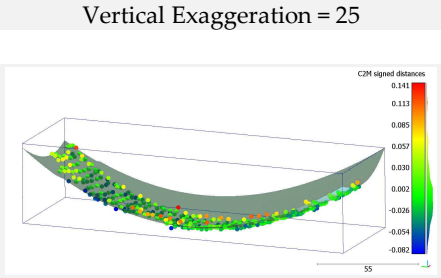
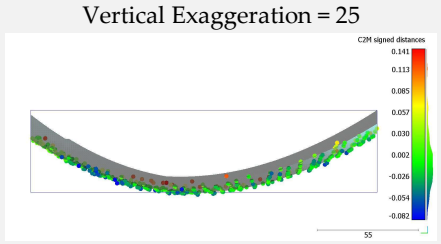
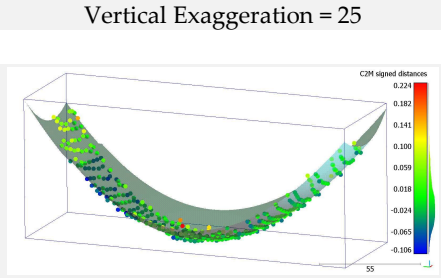
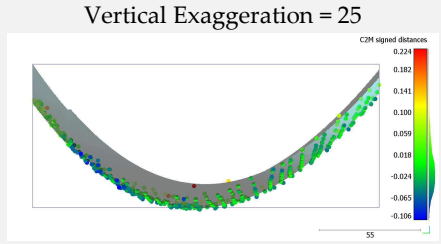
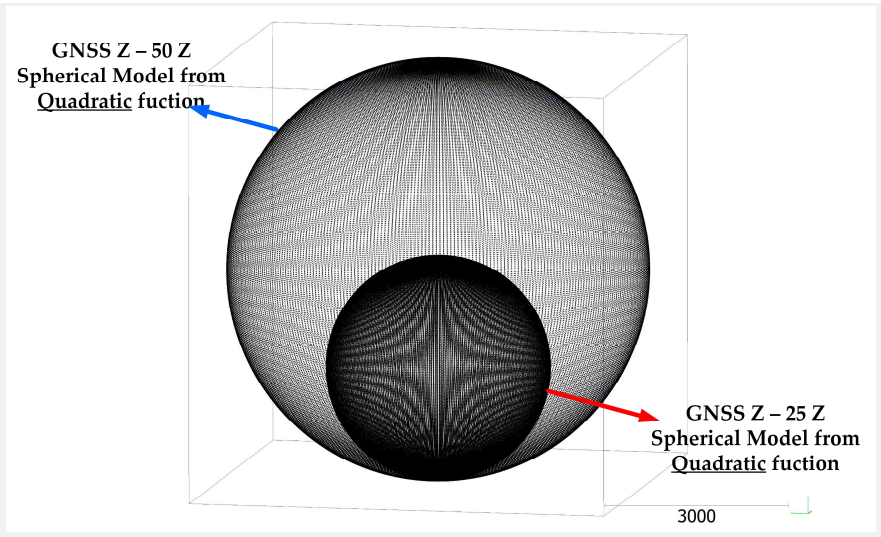
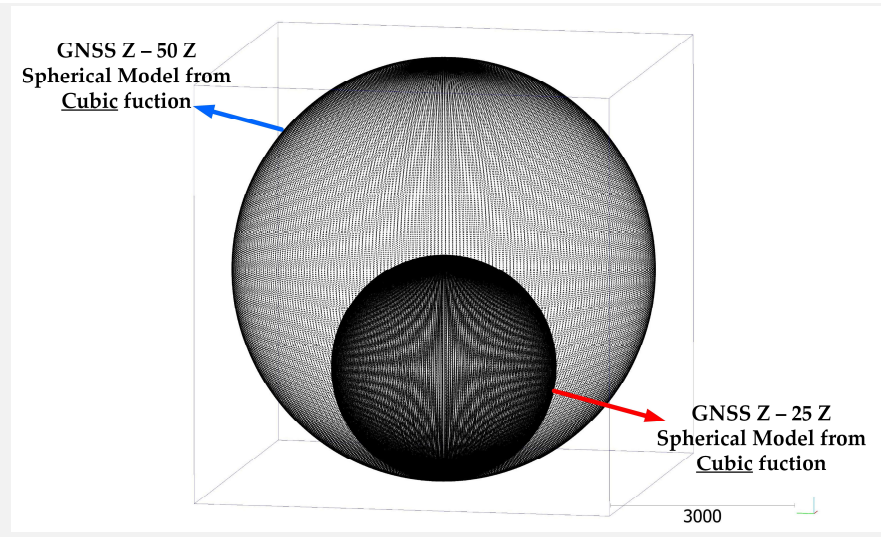
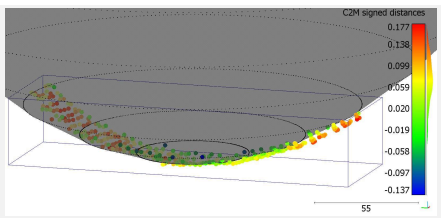
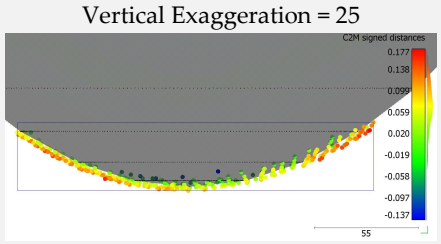
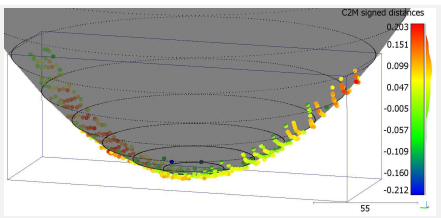
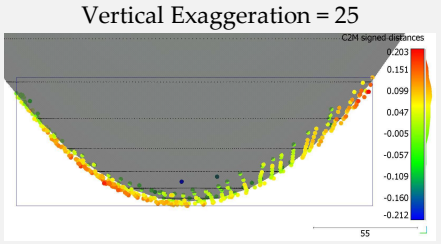
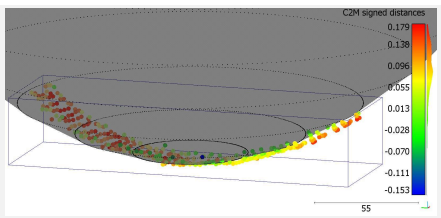
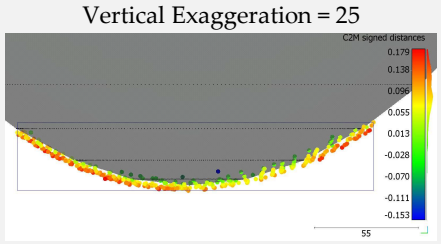
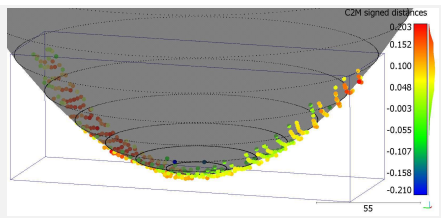
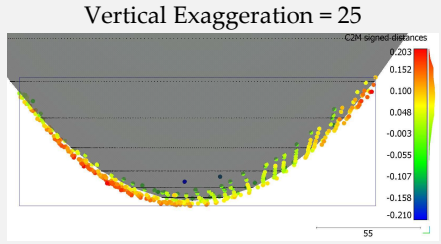
Quadratic Function	$Z(x,y) = a + by + cy^2 + dx + exy + fx^2$		**Cubic Function**	$Z(x,y) = a + by + cy^2 + dy^3 + ex + fxy + gxy^2 + hx^2 + ix^2y + jx^3$	
Coef.	**GNSS Z – 50 Z**	**GNSS Z – 25 Z**	**Coef.**	**GNSS Z – 50 Z**	**GNSS Z – 25 Z**
a	1.3670669669806	2.5823708307192	***a***	1.3305022207641	2.4230646529513
b	-0.026185366385914	-0.051837982442026	***b***	-0.025432040863908	-0.047147287573627
c	0.00014023392011459	0.00027230250622736	***c***	0.00011618755638084	0.00020795014817745
d	-0.018507294002483	-0.03102392812261	***d***	0.00000011948590231787	0.0000002519593922517
e	-0.000046743215911017	-0.000058151858890933	***e***	-0.014696539844422	-0.022997967279184
f	0.00030256135546863	0.00045397141172566	***f***	0.000022711324359495	-0.000033201786321083
			g	-0.00000027205299177875	-0.00000022060806245848
			h	0.000080777480406227	0.0001841430950091
			i	-0.00000045295920865605	0.00000041370696521365
			j	0.0000029183884301843	0.0000026844385333149
Quadratic Surfaces	 Vertical Exaggeration = 25	 Vertical Exaggeration = 25	**Cubic Surfaces**	 Vertical Exaggeration = 25	 Vertical Exaggeration = 25
Actual Residual Points and Distances from Fitted Surfaces	 Vertical Exaggeration = 25  Vertical Exaggeration = 25	 Vertical Exaggeration = 25  Vertical Exaggeration = 25	**Actual Residual Points and Distances from Fitted Surfaces**	 Vertical Exaggeration = 25  Vertical Exaggeration = 25	 Vertical Exaggeration = 25  Vertical Exaggeration = 25
Mean Distance	-0.000335 m	-0.000600 m	**Mean Distance**	-0.000250 m	-0.000339 m
Std. Dev.	0.042534 m	0.060153 m	**Std. Dev.**	0.039875 m	0.047647 m
Fitted Spherical Models	 No Vertical Exaggeration		**Fitted Spherical Models**	 No Vertical Exaggeration	
Sphere Radius	3478.919189 m	1839.071899 m	**Sphere Radius**	3452.648926 m	1831.117432 m
Actual Residual Points and Distances from Fitted Spherical Models	 Vertical Exaggeration = 25  Vertical Exaggeration = 25	 Vertical Exaggeration = 25  Vertical Exaggeration = 25	**Point Distances from Fitted Spherical Models**	 Vertical Exaggeration = 25  Vertical Exaggeration = 25	 Vertical Exaggeration = 25  Vertical Exaggeration = 25
Mean Distance	0.065584 m	0.063697 m	**Mean Distance**	0.081322 m	0.075275 m
Std. Dev.	0.048048 m	0.055516 m	**Std. Dev.**	0.053182 m	0.059317 m