NASA Life Sciences Data Archive (http://lsda.jsc.nasa.gov)
Investigator Name: Amin, Shreyasee
Mission (Payload): GROUND
Experiment Name (ID): Epidemiologic Analyses of Risk Factors for Bone Loss and Recovery Related to Long Duration Space Flight (NNX08AQ20G)
File Name/Inventory ID: NNX08AQ20G__31107109.pdf

	Mean BMD (g/cm^2) (% change in BMD per month) [95% Confidence Interval]					
BMD Site	**Immediate Post Flight**			**~12 Month Post Flight**		
	Predicted	**Observed**	**p-value**	**Predicted**	**Observed**	**p-value**
Total Hip	1.082 (-0.00) [-0.05, 0.04]	1.012 (-0.87) [-1.04, -0.71]	<0.001	1.086 (0.01) [-0.01, 0.02]	1.062 (-0.10) [-0.15, -0.06]	<0.001
Spine	1.078 (0.12) [0.10, 0.13]	1.028 (-0.48) [-0.61, -0.34]	<0.001	1.086 (0.05) [0.05,0.06]	1.068 (-0.03) [-0.01, 0.03]	0.004
Ultradistal Radius	0.519 (-0.02) [-0.05, -0.00]	0.511 (-0.21) [-0.34, -0.09]	0.01	0.512 (-0.07) [-0.07, -0.06]	0.517 (-0.02) [-0.07, 0.02]	0.03
Mid Shaft Radius	0.710 (0.17) [0.11, 0.23]	0.695 (-0.06) [-0.17, 0.04]	0.001	0.705 (0.06) [0.03, 0.09]	0.694 (-0.01) [-0.06, 0.04]	0.02
Total Body	1.264 (-0.05) [-0.05, -0.04]	1.240 (-0.26) [-0.37, -0.16]	0.002	1.264 (-0.02) [-0.03, -0.02]	1.248 (-0.08) [-0.15, -0.01]	0.08

Source: J Bone Miner Res 2010 Sep;25(Suppl 1):SA0319.