

**Table 1. G band:** The columns are: object ID, luminosity, SMBH mass, BLR dimension, variability parameter (in %), cadence, detected rest-frame time lag, error of rest-frame time lag, rest-frame oscillation period (objects with periods greater from 10yrs were not used), observed periods, error of observed periods,  $F_{var}$ , mean error in magnitude measurement, number of observations, designation of the Opsim realization.

ID	$M_{BH}$ [ $10^6 M_{\odot}$ ]	$R_{BLR}$ [yr]	$\Delta t$ [days]	$\bar{\tau}$ [ld]	$\delta\bar{\tau}$ [ld]	$\bar{P}_{rest}$ [yr]	$\bar{P}_{obs}$ [yr]	$\delta\bar{P}_{obs}$ [yr]	$F_{var}$ [%]	$\sigma$ [%]	N [#]	OpSim_cad
I	14.82	34.11	17.3	32.99	2.5	6.62	5.84	0.62	18.85	4.44	82	third_obs_pt45v1.5_10yrs.db
II	34.42	66.92	17.4	73	4.21	4.34	5.11	0.03	12.31	4.39	85	dcr_nham2_ug_v1.5_10yrs.db
III	19.47	42.44	19.15	40.99	4.3	5.77	5.39	0.54	18.82	4.12	80	filterdist_idx5_v1.5_10yrs.db
IV	12.53	33.57	17.83	32.99	3.2	6.68	6.49	0.59	21.17	4.25	86	goodseeing_gri_v1.5_10yrs.db
V	7.86	20.55	18.54	17	2.9	9.09	8.84	0.81	17.19	8.38	86	wfd_depth_scale0.90_v1.5_10yrs.db
VI	24.23	50.54	17.38	56.98	4.3	5.17	5.45	0.65	19.31	5.33	88	greedy_footprint_v1.5_10yrs.db
VII	8.43	21.74	17.08	17	3.2	8.77	8.88	1.24	16.32	2.51	90	u60_v1.5_10yrs.db
VIII	84.19	136.82	18.76	145	4.3	2.78	2.63	0.52	17.55	3.34	80	footprint_gp_smoothv1.5_10yrs.db
IX	121.18	183.06	17.9	184.9	3.3	2.31	2.5	0.38	14.54	3.2	91	daily_ddf_v1.5_10yrs.db
X	6.41	17.46	20.89	17	4.6	10.06			18.06	8.66	78	alt_dust_v1.5_10yrs.db
XI	50.72	91.24	18.81	105	5	3.58	3.22	0.25	17.31	2.91	74	var_expt_v1.5_10yrs.db
XII	13.39	31.47	15.16	33	3.1	6.96	6.46	0.42	17.92	4.22	99	short_exp_2ns_5expt_v1.5_10yrs.db
XIII	16.33	36.87	16.8	40.99	3.5	6.3	6.29	0.25	15.81	2.35	95	agnddf_v1.5_10yrs.db
XIV	99.93	156.9	18.46	169	5	2.55	2.28	0.28	17.04	5.67	86	roll_mod2_dust_sdf_0.20_v1.5_10yrs.db
XV	1.32	4.93	17.73	9	5	22.19			20.98	6.71	87	rolling_mod2_sdf_0.20_v1.5_10yrs.db
XVI	1.43	5.26	17.92	9	3.31	21.31			20.09	4.35	86	baseline_samefilt_v1.5_10yrs.db
XVII	1.02	4.01	20.2	1		25.24			19.89	6.86	74	bulges_cadence_bs_v1.5_10yrs.db
XVIII	62.39	107.67	15.04	105	5.6	3.22	2.97	0.25	17.66	3.55	101	twilight_neo_mod2_v1.5_10yrs.db
XIX	47.35	86.36	17.55	81	4.7	3.7	3.59	0.57	19.55	3.1	89	spiders_v1.5_10yrs.db

**Table 2. R band:** The columns are: object ID, luminosity, SMBH mass, BLR dimension, variability parameter (in %), cadence, detected rest-frame time lag, error of rest-frame time lag, rest-frame oscillation period (objects with periods greater from 10yrs were not used), observed periods, error of observed periods, designation of the Opsim realization.

ID	$M_{BH}$ [ $10^6 M_{\odot}$ ]	$R_{BLR}$ [yr]	$\Delta t$ [days]	$\bar{\tau}$ [ld]	$\delta\bar{\tau}$ [ld]	$\bar{P}_{rest}$ [yr]	$\bar{P}_{obs}$ [yr]	$\delta\bar{P}_{obs}$ [yr]	$F_{var}$ [%]	$\sigma$ [%]	N [#]	OpSim_cad
I	14.82	34.11	17.3	32.99	2.5	6.62	5.84	0.62	17.84	2.7	211	third_obs_pt45v1.5_10yrs.db
II	34.42	66.92	17.4	73	4.21	4.34	5.11	0.03	11.48	2.9	210	dcr_nham2_ug_v1.5_10yrs.db
III	19.47	42.44	19.15	40.99	4.3	5.77	5.39	0.54	18.6	4.76	190	filterdist_idx5_v1.5_10yrs.db
IV	12.53	33.57	17.83	32.99	3.2	6.68	6.49	0.59	21.26	4.65	205	goodseeing_gri_v1.5_10yrs.db
V	7.86	20.55	18.54	17	2.9	9.09	8.84	0.81	18.37	9.51	197	wfd_depth_scale0.90_v1.5_10yrs.db
VI	24.23	50.54	17.38	56.98	4.3	5.17	5.45	0.65	18.7	5.78	210	greedy_footprint_v1.5_10yrs.db
VII	8.43	21.74	17.08	17	3.2	8.77	8.88	1.24	16.21	3.4	214	u60_v1.5_10yrs.db
VIII	84.19	136.82	18.76	145	4.3	2.78	2.63	0.52	17.39	2.7	195	footprint_gp_smoothv1.5_10yrs.db
IX	121.18	183.06	17.9	184.9	3.3	2.31	2.5	0.38	14.42	2.49	204	daily_ddf_v1.5_10yrs.db
X	6.41	17.46	20.89	17	4.6	10.06				6.89	175	alt_dust_v1.5_10yrs.db
XI	50.72	91.24	18.81	105	5	3.58	3.22	0.25	17.58	2.45	194	var_expt_v1.5_10yrs.db
XII	13.39	31.47	15.16	33	3.1	6.96	6.46	0.42	17.9	4.04	241	short_exp_2ns_5expt_v1.5_10yrs.db
XIII	16.33	36.87	16.8	40.99	3.5	6.3	6.29	0.25	15.51	2.09	217	agnddf_v1.5_10yrs.db
XIV	99.93	156.9	18.46	169	5	2.55	2.28	0.28	17.96	4.77	198	roll_mod2_dust_sdf_0.20_v1.5_10yrs.db
XV	1.32	4.93	17.73	9	5	22.19				5.41	206	rolling_mod2_sdf_0.20_v1.5_10yrs.db
XVI	1.43	5.26	17.92	9	3.31	21.31				4.04	204	baseline_samefilt_v1.5_10yrs.db
XVII	1.02	4.01	20.2	1	#	25.24				6.67	180	bulges_cadence_bs_v1.5_10yrs.db
XVIII	62.39	107.67	15.04	105	5.6	3.22	2.97	0.25	17.81	2.88	241	twilight_neo_mod2_v1.5_10yrs.db
XIX	47.35	86.36	17.55	81	4.7	3.7	3.59	0.57	19.67	3.24	208	spiders_v1.5_10yrs.db