

Supplementary Table S1 for *NPG Scientific Reports* research article:

**Body Size Predicts Echolocation Call Peak Frequency Better than Gape
Height in Vespertilionid Bats**

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SupplementaryTable S1. Size and call parameters for the vespertilionid species used in the study (N=86)

Species	Peak Frequency (kHz)	Mass (g)	Gape height (mm)	Forearm Length (mm)
<i>Antrozous pallidus</i>	44.76	22.24	20.9	53.93
<i>Barbastella barbastellus</i>	35.33	8.31	14.02	37.37
<i>Chalinolobus gouldii</i>	29.39	14.24	16.44	
<i>Chalinolobus morio</i>	52.92	8.91	11.5	40.75
<i>Eptesicus brasiliensis</i>	34.86	9.2	16.92	39.1
<i>Eptesicus diminutus</i>	40.85	5.99	14.59	
<i>Eptesicus furinalis</i>	42.84	7.7	16.92	37.88
<i>Eptesicus fuscus</i>	32.55	17.49	21.97	45.86
<i>Eptesicus hottentotus</i>	30.88	30.33	21.72	47.57
<i>Eptesicus nilssoni</i>	28.55	10.72	16.61	39.07
<i>Eptesicus serotinus</i>	31.17	23.09	25.33	52.8
<i>Euderma maculatum</i>	10.5	16.17	14.08	50.29
<i>Hesperoptenus tickelli</i>	30.69	16.3	21.68	56.43
<i>Histiotus macrotus</i>	35.84	11	17.94	48.1
<i>Idionycteris phyllotis</i>	20.37	12.13	13.88	47.02
<i>Laephotis wintoni</i>	23.08	6.1	17.93	
<i>Lasionycteris noctivagans</i>	30.19	11.02	17.93	40.79
<i>Lasiurus borealis</i>	40.95	12.33	13.63	37.02
<i>Lasiurus cinereus</i>	23.9	27.06	17.26	47.22
<i>Lasiurus ega</i>	32.2	12.2	15.45	
<i>Lasiurus intermedius</i>	36.18	22.96	17.37	49.82
<i>Lasiurus seminolus</i>	40.13	9.88	12.18	43.15
<i>Murina suilla</i>	124.14	4	15.18	
<i>Myotis adversus</i>	46	10.41	13.6	
<i>Myotis albescens</i>	73.02	5.69	13.45	34.68
<i>Myotis annectans</i>	47.51	9.75	17.27	35.52
<i>Myotis auriculus</i>	49.6	38.04	17.93	34.54
<i>Myotis austroriparius</i>	48.23	7.35	15.82	39.36
<i>Myotis bocagii</i>	41.26	7.93	17	34.59
<i>Myotis brandtii</i>	49.27	5.3	16.56	34.3
<i>Myotis californicus</i>	51.44	4.39	13.47	
<i>Myotis chiloensis</i>	43.4	8.41	14.12	
<i>Myotis dasycneme</i>	39.43	15.16	18.31	
<i>Myotis daubentonii</i>	46.98	7.63	14.64	37.69
<i>Myotis elegans</i>	66.28	4.21	14.06	33.5
<i>Myotis evotis</i>	52	6.91	16.07	36.77
<i>Myotis goudoti</i>	64.37	5.56	16.14	38.26
<i>Myotis grisescens</i>	44.52	10.84	17.98	43.68
<i>Myotis horsfieldii</i>	51.21	6.05	15.89	29.43
<i>Myotis keaysi</i>	62.93	5.45	14.79	36.81
<i>Myotis keenii</i>	59.67	6.51	14.74	35.47
<i>Myotis leibii</i>	55.78	5.22	14.31	31.08
<i>Myotis levis</i>	57.74	5.49	15.7	36.12
<i>Myotis lucifugus</i>	47.39	7.8	14.99	38.38
<i>Myotis macrotarsus</i>	42.82	12.64	21.75	43.08
<i>Myotis muricola</i>	48.69	4.8	13.52	
<i>Myotis myotis</i>	35.45	25.59	27.35	
<i>Myotis mystacinus</i>	52.66	7.61	15.39	38.86
<i>Myotis nattereri</i>	46.95	7.25	15.87	40.36
<i>Myotis nigricans</i>	56.2	5.53	13.58	34.44
<i>Myotis ricketti</i>	40.52	26.19	24.35	37.32
<i>Myotis riparius</i>	57.68	4.57	14.02	35.62
<i>Myotis ruber</i>	62.49	4.99	15.1	37.85
<i>Myotis septentrionalis</i>	49.93	5.4	16	35.91
<i>Myotis simus</i>	57.74	8.1	13.84	36.43
<i>Myotis sodalis</i>	51.42	7.15	14.8	38.13
<i>Myotis thysanodes</i>	36.52	8.49	16.53	42.29
<i>Myotis tricolor</i>	49.12	13.67	20.55	50.45
<i>Myotis velifer</i>	43.44	9.82	17.75	43.33
<i>Myotis volans</i>	46.39	8.71	14.77	40.25

<i>Myotis welwitschii</i>	32.66	15.88	22.6	
<i>Myotis yumanensis</i>	51.47	5.15	14.11	31.91
<i>Nyctalus leisleri</i>	30.67	12.47	16.23	33.96
<i>Nyctalus noctula</i>	22.86	28.48	22.26	49.58
<i>Nycticeius humeralis</i>	42.82	9.12	14.07	33.57
<i>Nyctophilus geoffroyi</i>	49.77	8.2	17.5	
<i>Pipistrellus javanicus</i>	47.51	4.92	12.97	
<i>Pipistrellus kuhlii</i>	41.16	6.07	14.53	30.84
<i>Pipistrellus nathusii</i>	41.4	7.44	13.31	33.93
<i>Pipistrellus pipistrellus</i>	47.61	5.3	13.79	33.58
<i>Pipistrellus subflavus</i>	45.95	5.74	12.47	32.62
<i>Pipistrellus tenuis</i>	48	3.48	13.29	
<i>Plecotus auritus</i>	36.39	8.19	13.5	39.99
<i>Plecotus austriacus</i>	29.66	6.75	13.23	40.83
<i>Rhogeessa parvula</i>	57.57	4.37	11.11	27.23
<i>Rhogeessa tumida</i>	48.65	4.58	12.62	28.83
<i>Scotoecus hirundo</i>	36.86	8.45	16.95	34.9
<i>Scotophilus dinganii</i>	36.38	25.12	19.44	53.04
<i>Scotophilus heathii</i>	34.81	36.13	21.99	
<i>Scotophilus kuhlii</i>	38.94	20.31	17.53	51.32
<i>Scotophilus leucogaster</i>	46.27	20.24	18.01	49.46
<i>Scotophilus nigrita</i>	32.85	60	28.07	80.78
<i>Scotophilus nux</i>	36.09	30	21.55	53.99
<i>Scotophilus viridis</i>	40.1	19.81	17.01	46.17
<i>Tylonycteris pachypus</i>	48.95	4.1	14.2	
<i>Tylonycteris robustula</i>	55	7.98	15.07	23.14